Q
1
S312
JUL/DEC
1996
41c
REF
INDEX
INDEX
NON-CIRC

REFERENCE
PAMPHL
152-98

Electrical & Electronics Abstracts

ISSN 0036-8105

Science Abstracts Series B
July – December 1996

Author Index
Book index
Conference index
Corporate author index
List of Journals

U.I.C.
FEB 24 1997
LIBRARY

inspec

SIX-MONTHLY INDEXES TO ELECTRICAL & ELECTRONICS ABSTRACTS

Twice a year as part of their subscription to Electrical & Electronics Abstracts, subscribers receive cumulative indexes for the periods January-June and July-December. Each index is in two parts – a Subject Index, and an Author Index which comprises personal and corporate author indexes, and indexes to conferences and book titles. The List of Journals abstracted by INSPEC is also included with the July-December issue of the Author index, while the supplement to that List is included with the January-June issue. Cumulative indexes for earlier years are also available: for details please see the inside back cover.

Author index

This lists in alphabetical order all authors of papers abstracted in Electrical & Electronics Abstracts in the six-month period covered by the index. The title of the paper is included with the entry for the first-named author. The abstract number of the papers is referred to in the form 12345, i.e. abstract 12345 of the year covered by the index.

Book index

This lists the titles of books abstracted in Electrical & Electronics Abstracts in the six months covered by the index. Most books are abstracted as a single monograph but where appropriate individual chapters may also be abstracted. Where this is so the abstract of the book itself is indicated by *(introductory abstract).*

Conference index

This index lists conferences for which published proceedings have been abstracted in the six-month period. Conferences reported in journals are also included in this list. The abstract relating to the conference itself is indicated by *(introductory abstract).* When papers from a conference appear in more than one publication there will be a corresponding number of entries in the index.

Corporate author index

This is an index to those items where a corporate organisation rather than an individual person is the agent primarily responsible for the publication. Such publications typically include reports of industrial firms or of government departments or research establishments.

ELECTRICAL & ELECTRONICS ABSTRACTS, ISSN 0036-8105, is published monthly by the Institution of Electrical Engineers in association with the Institute of Electrical and Electronics Engineers Inc., 445 Hoes Lane, Piscataway, NJ 08855-1331. Periodicals postage paid at Piscataway, NJ. POSTMASTER: Send address changes to: Electrical & Electronics Abstracts, INSPEC/IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08855-1331. Printed by Unwin Brothers Limited, The Gresham Press, Old Woking, Surrey, UK. The annual subscription rate is: USA $2840, ROW £1680. For full details of subscription rates and ordering procedures see inside back cover.

© 1997. THE INSTITUTION OF ELECTRICAL ENGINEERS. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise without the prior permission of the Institution of Electrical Engineers.

INSPEC

Electrical & Electronics Abstracts

Science Abstracts Series B

July – December 1996

Author Index

Contents

Author Index	A981
Book Index	LI1
Conference Index	LI2
Corporate author index	LI18
List of Journals	LJ1

Digitized by the Internet Archive
in 2024

https://archive.org/details/science-abstracts-series-electrical-and-electronics-abstracts_july-december-1996_index_0

Author Index

A., A.M.Arias *see* Arias A., A.M.
A, M.del Carmen Lasprilla *see* del Carmen Lasprilla A, M.
A, M.del C.Lasprilla *see* del C. Lasprilla A, M.
A., P.Abraha *see* Abraha A., P.
A. Hamza, A.-S.Hafiz *see* Hafiz A. Hamza, A.-S.
a la Guillaume, C.Benoit *see* Benoit a la Guillaume, C.
Aagedal, H., Schmid, M., Beth, T., Teiwes, S., Wryrowski, F. Theory of speckles in diffractive optics and its application to beam shaping 85571
A'ain, A.K.B., Bratt, A.H., Dorey, A.P. On the development of power supply voltage control testing technique for analogue circuits 63871
A'ain, A.K.B., Bratt, A.H., Dorey, A.P. Testing analogue circuits by AC power supply voltage 95157
Aalo, V., Pattaramalai, S. Average error rate for coherent MPSK signals in Nakagami fading channels 97428
Aalto, S., Norros, I., Virtamo, J.T., van den Berg, J.L., Smeitink, E. Architectural issues of ATM based connectionless overlay network 77783
Aalto, S. *see* Virtamo, J. 108948
Aaltonen, J., Takala, J.A. How to develop a world class electrical utility for the free markets of electrical energy? 80830
Aanandan, C.K. *see* Deepukumar, M. 97341
Aanandan, C.K. *see* Saji Stephen, D. 116867
Aarholt, E. Synthetic ΔK frequency plans in relation to radio wave object characterization 99653
Aarik, J., Ovtchinnikov, A., Asonen, H. Aluminium free GaInAsP/GaAs lasers of 808 nm wavelength range by gas source MBE 96428
Aarik, J. *see* Tappura, K. 75978
Aarnio, J. *see* Heimala, P. 95788
Aarnio, J. *see* Heimala, P. 116093
Aarnio, J. *see* Katila, P. 64790
Aaron, D.J., Sekikawa, A., Libman, I.M., Iochida, L., Barinas-Mitchell, E., Laporte, R.E. Telepreventive medicine 101044
Aarstad, E. *see* Renger, T. 118207
Aarsvold, J.A. *see* Xu, B. 101326
Aarsvold, J.N., Mintzer, R.A., Matthews, K.L., II., Yasillo, N.J., Ordonez, C.E., Chen, C.-T., Beck, R.N. Implementations of maximum-likelihood position estimation in a four-PMT scintillation detector 110700
Aarsvold, J.N. *see* Hudson, R. 98284
Aarsvold, J.N. *see* Mintzer, R.A. 101258
Aarts, E.H.L., Essink, G., de Kock, E.A. Recursive bipartitioning of signal flow graphs for programmable video signal processors 73417
Aarts, J.P.A. Effective implementation of multivendor based networks 108966
Aartse, J.W. *see* Polder, G. 92293
Aas, E.J. Design quality metrics based on an event-oriented design process model: theory and example of use in electronic design 83041
Aas, K.C., Mullis, C.T. Minimum mean-squared error transform coding and subband coding 76788
Aassime, A., Sarrabayrouse, G.J., Salace, G., Petit, C. Gamma-ray irradiation induced degradation in ultra-thin silica layers 105507
Aaviksoo, J., Gourdon, C., Grousson, R., Lavallard, P., Planel, R. Photoluminescence quantum yield in GaAs/AlAs superlattices 63075
Aaviksoo, J., Gourdon, C., Lavallard, P. Power nonlinearities in the luminescence spectrum of GaAs/AlAs superlattices 74454
Aazhang, B. *see* Bensley, S.E. 98428
Aazhang, B. *see* Fawer, U. 119019
Aazhang, B. *see* Juntti, M.J. 86219
Aazhang, B. *see* Lim Nguyen 65097
Aazhang, B. *see* Nguyen, L. 68392
Aazhang, B. *see* Papasakellariou, A. 67549
Aazhang Behnaam *see* Behnaam Aazhang
Ababou, Y., Desjardins, P., Chennouf, A., Leonelli, R., Hetherington, D., Yelon, A., L'Esperance, G., Masut, R.A. Structural and optical characterization of InP grown on Si(111) by metalorganic vapor phase epitaxy using thermal cycle growth 114605
Abachi, R. An overview of automotive sensors 81982
Abad, H. *see* Jonker, B.T. 74336
Abadal, G. *see* Servat, J. 84261
Abadeer, W., Hueckel, G., Acovic, A., Ray, A. Mechanism of stress-induced leakage due to plasma charging and effect of oxide thickness 105501
Abadeer, W. *see* Acovic, A. 106206
Abadeer, W.W., Larosa, G., Hueckel, G.R., Acovic, A. Temperature dependence of breakdown in the trap creation region for SiO_2 thicknesses in the range of 6 nm to 12 nm 60726
Abadeer, W.W., Vollertsen, R.-P. Physical mechanisms of dielectric breakdown in SiO_2 for the range of −150°C to 150°C 115228
Abadeer, W.W. *see* Vollertsen, R.-P. 95252
Abadeer, W.W. *see* Vollertsen, R.-P. 113953
Abadia, C., Algarabel, P.A., Ibarra, M.R., Marquina, C., Kudrevatykh, N.V., Markin, P.E. Magnetic anisotropy and spin reorientation transition in a $TbFe_{11}Ti$ single crystal 75139
Abadir, M. *see* Ambler, T. *(editor)* 72048
Abadir, M.S. *see* Murphy, C.F. 73915
Abaleshev, A.V. *see* D'yachenko, A.I. 95456
Abarbanel, H.D.I. *see* Lam, B.C. 75987
Abarbanel, S., Gottlieb, D., Carpenter, M.H. On the removal of boundary errors caused by Runge-Kutta integration of nonlinear partial differential equations 61055
Abarca, J.T. *see* Sancha, J.L. 70815
Abarca, J.T. *see* Sancha, J.L. 101980
Abare, A.C. *see* Keller, S. 72783
Abarra, E.N., Takano, K., Hellman, F., Berkowitz, A.E. Heat capacity measurements of NiO/CoO superlattices 75182
Abarra, E.N. *see* Glijer, P. 115669
Abatchev, M.K. *see* Shibkov, A. 63308
Abate, J.A. *see* Celliers, P. 76312
Abay, B., Burbulak, B., Yildirim, M., Efeoglu, H., Tuzemen, S., Yogurtcu, Y.K. Electrothermal investigation of the switching effect in p-type $TlInSe_2$, $TlInTe_2$, and $TlGaTe_2$ chain chalcogenide semiconductors 105213
Abay, B. *see* Yildirim, M. 114674
Abaye, A. *see* Khotanzad, A. 70794
Abbade, M.L.F., Likawa, F., Brum, J.A., Troster, T., Sernussi, A.A., Pereira, R.G., Borghs, G. State coupling effects in GaAs/InGaAs/AlGaAs modulation doped quantum wells 94528
Abbagnaro, L. Rework and repair revisited [PCB assembly] 83600
Abbagnaro, L. Tips for manual soldering performance 94045
Abbas, A. *see* Gallop, J.C. 62166
Abbas, F. Quantum statistics model for calculating microwave properties of high-temperature superconductors 84876
Abbas, F., Davis, L.E., Gallop, J.C. A distributed ferroelectric superconducting transmission-line phase shifter 93812
Abbas, F., Davis, L.E., Gallop, J.C. Computational and experimental characterization of superconductor-dielectric microwave resonators 114221
Abbas, H., Nasser, S.A. Hydroxyl as a defect of the manganese dioxide lattice and its applications to the dry cell battery 112193
Abbas, K., Nicolaou, G., Pellottiero, D., Schwalbach, P., Koch, L. Gamma spectrometry of spent nuclear fuel using a miniature CdTe detector 101002
Abbas, K.A.A. *see* Gultekin, S. 81741
Abbas, P.J. *see* Brown, C.J. 90600
Abbas, S.A., Sheikh, A.U. A geometric theory of Nakagami fading multipath mobile radio channel with physical interpretations 109506
Abbas, T. *see* Islam, M.U. 83864
Abbasy, N.H., Elfayoumy, M.K. An improved two stages dynamic programming/artificial neural network solution model to the unit commitment of thermal units 102436
Abbate, A., Frankel, J., Das, P. Wavelet transform signal processing for dispersion analysis of ultrasonic signals 104215
Abbate, A., Nayak, A., Koay, J., Roy, R.J., Das, P. Biomedical application of wavelets: Analysis of electroencephalograph signals for monitoring depth of anaesthesia 90538
Abbate, A. *see* DeCusatis, C. 87172
Abbate, G., Castaldo, F., De Stefano, L., Mormile, P., Pierattini, G., Righini, G., Santamato, E., Verciani, A. Experimental results on the light propagation in a nonlinear waveguide with nematic liquid crystal: hybrid alignment case 75540
Abbate, G., De Stefano, L., Santamato, E. Transverse-magnetic nonlinear modes in a nematic liquid-crystal slab waveguide 95728
Abbate, M., Tine, G., Zanforlin, L. Evaluation of pulsed microwave influence on isolated hearts 120543
Abbattista, F., Abbattista, N., Caponetti, L. Detection of curves using neural networks 87094
Abbattista, F., Cardilli, F., Fanelli, A. Genetic design of vector quantizer codebooks 86705
Abbattista, N. *see* Abbattista, F. 87094
Abbe, B.S., Agan, M.J., Jedrey, T.C. ACTS mobile terminals 109580
Abbe, B.S. *see* Pasqualino, C.R. 109583
Abbe, B.S. *see* Stewart, B.K. 109574
Abbes, M., Achkar, B., Ait-Boubker, S., Aleksan, R., Avenier, M., Bagieu, G., Ballansat, J., Barnoux, C., Bazzoli, R., Berger, J., Bermond, M., Besson, P., Billault, M., Boucher, J., Bouchez, J., Bouriant, M., Brissot, R., Camberlin, B., Cavaignac, J.F., Charvin, P., Collot, J., Commercon, A., Cousinou, M.C., Cussonneau, J.P., Daguin-Moynot, G., Declais, Y., Desanlis, T., Dubois, J.M., Dufour, Y., Farrache, G., Favier, J., Gally, Y., Garciaz, F., Giacobone, L., Guerre-Chaley, B., Jobez, J.P., Jourde, D., Kajfasz, E., De Kerret, H., Koang, D.H., Lefievre, B., Leon, F., Lesquoy, E., Mallet, J., Menthe, A., Metref, A., Mullie, J., Nagy, E., Obolensky, M., Ollive, P., Oriboni, A., Pessard, H., Pierre, F., Poinsignon, J., Potheau, R., Provasi, R., Stutz, A., Thion, J., Thomas, J.F., Wuthrick, J.P. The Bugey 3 neutrino detector 90145
Abbi, S.C. *see* Verma, P. 62721
Abbiate, J.-C. *see* Deutsch, A. 62454
Abbiate, J.-C. *see* Widmer, A. 78352
Abbiati, A. *see* Buoll, C. 93820
Abbiendi, G. *see* De Giorgi, M. 120221
Abbon, P. *see* Dentan, M. 90222
Abbon, P. *see* Dentan, M. 95214
Abbond, S., Rosenfeld, M., Luzon, J. Effect of source location on the scalp potential asymmetry in a numerical model of the head 80400
Abbot, J. *see* Murtuza, M. 61929
Abbott, A.L. *see* Pei Li 103495
Abbott, B. *see* Ledeczi, A. 97746
Abbott, B.P., Hashimoto, K. A coupling-of-modes formalism for surface transverse wave devices 106423
Abbott, D., Yakovleff, A., Moini, A., Nguyen, X.T., Blanksby, A., Beare, R., Beaumont-Smith, A., Kim, G., Bouzerdoum, A., Bogner, R.E., Eshraghain, K. Biologically inspired obstacle avoidance–a technology independent paradigm 89139
Abbott, L.A. Comparison of a constraint directed search to a genetic algorithm in a scheduling application 70412
Abbott, P. *see* Knox, M. 97623
Abbott, R. *see* Bardwell, J.A. 74612
Abbott, R.J., Campbell, M.L., Krenz, W.C. A sustainable genetic algorithm for satellite resource allocation 88412
Abbott, T.M.C., Warmels, R.H. CCDs at ESO: a systematic testing program 74859
Abbott, W.H., Neer, J.H., Healey, H.J. Effects of test procedures and sequences on the performance of tin-plated connectors 62438
Abboud, R.G. *see* Mulcahy, T.M. 95617
Abboud, S. *see* Rosenfeld, M. 80399
Abboud, T., Ammari, H. Diffraction at a curved grating: approximation by an infinite plane grating 116863
Abboudy, S., Abou El-Khier, A.A., Mahmoud, S.A., Gomaa, N.G., Abulnasr, L., Salem, S.A. Localization and correlation effects on the magnetoresistance of a degenerate electron gas in InAs below the quantum limit 94358
Abboudy, S. *see* Al-Shahrani, A.A. 105190
Abbruzzese, F., Celentano, G., Gentile, G., Pagano, E. Some preliminary considerations about the use of Luenberger's observer in fully digitalized control system of LIM 102751
Abbundi, R.J. *see* Mathur, V.K. 110979
Abd. Aziz bin Mohd. Ramli Calibration of dosimeters and survey instruments for photons at the Malaysian secondary standard dosimetry laboratory 70290
Abd El Motaleb, M.S. *see* Eskander, M.N. 91520

Abd El-Azeem, M.H., Sobhy, M.I., Royer, K.W., Hosny, E.A. Using 3D-(SCN) TLM for the analysis of anisotropic and non-linear structures 65907
Abd El-Azeem, M.H. *see* Sobhy, M.I. 85956
Abd El-Azeem, M.H. *see* Sobhy, M.I. 107968
Abd-Alhameed, R.A., Excell, P.S. Analysis of dielectrically-loaded wire, strip and patch antennas using the method of moments 65976
Abd-Allah, A.M., Omar, R.A.K. Fuzzy partial groups 113114
Abd-El-Barr, M., Hasan, M.N. New MVL-PLA structures based on current-mode CMOS technology 73316
Abd-El-Barr, M. *see* Jiabi Zhu 113653
Abd-El-Barr, M.H., Ansari, S.I. Statistical analysis of multiple intermittent faults in combinational circuits 61817
Abd-El-Barr, M.H., Daud, F., Al-Tawil, K.M. A hierarchical fault-tolerant interconnection network 109055
Abdalla, A. *see* El-Korashy, A. 74291
Abdalla, H., Jr. *see* Dalmaso, R.C. 104824
Abdallah, C., Wei Yang, Schamiloglu, E., Moreland, L.D. A neural-network model of the input/output characteristics of a high-power backward wave oscillator 105072
Abdallah, C., Yang, W., Schamiloglu, E., Moreland, L.D. Neural network modeling of the input/output characteristics of a high power backward wave oscillator 105060
Abdallah, N., Sabet, P.B., Greiner, A. On the design of mixed-mode simulators for modern VLSI circuits 93612
Abdallah, N. *see* Dunoyer, J. 61699
Abdallah, S. *see* Cofer, R.H. 67464
Abdallah, S. *see* Mundy, J. 117687
Abdel Hady, K. *see* El-Kadry, N. 83842
Abdel-Aal, R.E. *see* Amin, A.A. 73325
Abdel-Aal, R.E. *see* Raashid, M. 119969
Abdel-Ati, W.L.N., Ma, S., Yang, T.-C., McVittie, J.P., Saraswat, K.C. Comparison of automated capacitor testing methods for plasma charging induced damage 63365
Abdel-Aty-Zohdy, H.S., El-Licy, F.A. Analog signal-selector circuit for quick gas detection from gas-sensor arrays 89185
Abdel-Aty-Zohdy, H.S., Zohdy, M.A. Analog/digital implementation of neural networks for pattern discovery and optimization in signal processing applications 73616
Abdel-Aty-Zohdy, H.S. *see* Hiasat, A.A. 93267
Abdel-Gawad, N.M.K. *see* Hamza, A.-S.H.A. 71602
Abdel-Gawad, N.M.K. *see* Hamza, A.-S.H.A. 121478
Abdel-Ghaffar, H.S., Pasupathy, S. Suboptimal, partially coherent detection over multipath/multichannel Rayleigh fading 68056
Abdel-Ghaffar, K.A.S. A lower bound on the undetected error probability of block codes 66415
Abdel-Ghaffar, K.A.S., Weber, J.H. Constrained block codes for class-IV partial-response channels with maximum-likelihood sequence estimation 97546
Abdel-Hafez, O.M.E. *see* Morcos, V.H. 91403
Abdel-Halim, M.A. Solid-state controlled single-phase induction motor 121474
Abdel-Malek, A. *see* Barnett, B.G. 110892
Abdel-Malek, L.L. Analytical approach to automated assembly 72212
Abdel-Mottaleb, M. *see* Shneier, M. 98229
Abdel-Nabi, T. *see* Sandrin, W.A. 99443
Abdel-Raheem, E., El-Guibaly, F., Antoniou, A. Weighted minimax design of QMF banks: results and comparisons 86201
Abdel-Raheem, E., El-Guibaly, F., Antoniou, A. Weighted minimax design of FIR QMF banks: results and comparisons 114096
Abdel-Rahim, N., Quaicoe, J.E. Small-signal model and analysis of a multiple feedback control scheme for three-phase voltage-source UPS inverters 121585
Abdel-Rahim, N.M., Quaicoe, J.E. Analysis and design of a multiple feedback loop control strategy for single-phase voltage-source UPS inverters 81567
Abdel-Rahman, A.A., Al-Fahed, S.F., Chakroun, W. The near-field characteristics of circular jets at low Reynolds numbers 89564
Abdel-Rahman, M.H. *see* Safar, Y.A. 102214
Abdel-Wahab, H., Mary, K., Youssef, A., Stoica, E., Overstreet, C.M., Wild, C., Gupta, A. The software architecture and interprocess communications of IRI: an Internet-based interactive distance learning system 112811
Abdel-Wahab, H., Stoica, I., Sultan, F. Universal Internet conference information system 67881
Abdel-Wahab, H., Stoica, I., Sultan, F. The design and implementation of an Internet conference information system 87886
Abdel-Wahab, H. *see* Maly, K. 109249
Abdel-Wahab, H. *see* Maly, K. 118611
Abdelatif, N. *see* Saleh, M. 117992
Abdelaziz, A.R. Calculating the frequency of power system failure including common-cause failures 101686
Abdelaziz, A.Y., Irving, M.R., Mansour, M.M., El-Arabaty, A.M. Fast prediction of out-of-step condition by artificial neural networks for power system transient stability assessment 101668
Abdelbaky, M.E.A., Hussein, E.M.A. A decoupled photon-electron transport method for calculation of energy deposition in gamma-ray detectors 69811
Abdelfatah, M. *see* Yi, J.H. 89469
Abdelghany, A., Elsayed, S.N., Abdelwahab, D.M., Abou El Ela, A.H., Mousa, N.H. Electrical conductivity and thermoelectric power of $AgSbSe_2$ in the solid and liquid states 94435
Abdelhamid, T.H., Darwish, M.K., Mehta, P., Mohamadein, A.L., Abo-Elelaa, M.S. Resonant HF-link single-transformer UPS system with SPWM cycloconverter 112068
Abdelmalek, N.N. *see* Sekita, I. 108576
Abdelnour, F. *see* Haddadi, S. 66914
Abdelwahab, D.M. *see* Abdelghany, A. 94435
Abderrazzaq, M., Al Zahawi, B.A.T. The Jordan-Egypt Red Sea cable interconnection project 80836
Abdi, A., Nader-Esfahani, S. A simple formula for the rate of maxima in the envelope of normal processes having unsymmetrical spectra 66733
Abdi, A., Nader-Esfahani, S. An optimum Laguerre expansion for the envelope PDF of two sine waves in Gaussian noise 97856
Abdi, A., Nader-Esfahani, S. A general PDF for the signal envelope in multipath fading channels using Laguerre polynomials 116903
Abdin, E.S. *see* Rahman, M.A. 81336
Abdipour, A., Pacaud, A. Temperature noise constants extraction of mm-wave FETs from measured S- and noise parameters 93814
Abdipour, A., Pacaud, A. A new semidistributed model for the noise and scattering parameters of the M(H)MIC FETs 93928
Abdipour, A. *see* Bareau, P. 119861
Abdo, A.El-Sayed *see* El-Sayed Abdo, A.
Abdo, R. *see* Martinez-Velasco, J.A. 104316
Abdou, I.E. Effect of signal truncation on centroid location error estimation 77107
Abdou, I.E. Comment on the paper "Elimination of systematic error in subpixel accuracy centroid estimation" 86247
Abdou, M.A. Fredholm integral equation of the second kind with potential kernel 92625
Abdu, R. *see* Lin, G.H. 91750
Abdukhalikov, K.S. The dual of a fuzzy subspace 113115
Abdul Latheef, G., Karunakaran, S., Sridhar, K. Tuned band reject powerline EMI filter 76486
Abdul Latheef, G., Sajeev, A.P., Punitha, L. Current branching test jig (CBTJ) for conducted emission tests 76454
Abdul Rahman, A.M., Linge, N. Graph-theory-based protocol to provide centralised management of an extended LAN topology 109115
Abdul-Haleem, M., Cheung, K.F., Chuang, J.C.I. Aggressive fuzzy distributed dynamic channel assignment for PCS 68190
Abdul-Hameed, M.S., Ali, S.M. Template matching in translated, rotated, and scaled images 117861
Abdul-Hamid, S. *see* Lee, H.H. 90715
Abdul-Karim, A. *see* Tamir, D.E. 86763
Abdul-Razzaq, W. The impact of increasing layer thickness on magnetization, resistivity, magnetoresistance and Hall effect in Cu/Ni multilayers 115609
Abdulghafour, M., El-Gamal, M.A. A fuzzy logic system for analog fault diagnosis 104744
Abdulhadi, M., Al-Garni, M. The development of a fuel cell stack electronic simulator for enhanced safety and reliability during test and training 91729
Abdulla, G. *see* Williams, S. 118415
Abdulla, M.F., Ravikumar, C.P., Kumar, A. A novel BIST architecture with built-in self check 93319
Abdullaev, F.Kh., Darmanyan, S.A., Lederer, F. Evolution of randomly modulated solitons in optical fibers 64723
Abdullah, A.H., Ismail, A.S. The user interface to the Infolan university library 118442
Abdullah, A.R. *see* Ibrahim, A. 72687
Abdullah, F. *see* Khan, S.H. 99972
Abdullin, E.N., Zaslavskii, V.M., Loginov, S.V. Using Rogowski coils to measure electron beam currents with large cross sections 89903
Abdul'nabi, Z.M., Abdurakkmanov, B.M., Saidov, A.S., Usmanov, R.A. Some problems in the development of high-power solar photoelectric stations 102519
Abdul'nabi, Z.M. *see* Saidov, M.S. 121886
Abdulnour, J., Marchildon, L., Akyel, C., Wu, K. Direct evaluation of complex permittivity from transmission line discontinuity measurements 69442
Abdurakhmanov, A., Kratenko, M.Yu., Mamatkasimov, M., Saribaev, A.S., Yuldashev, A.A. High-precision angle-data transmitter of heliostat position in a large solar oven 119867
Abdurakhmanov, B.M., Abrosimova, N.I., Aliev, R., Makhmudov, F.K., Saidov, M.S. Increasing the profitability of the production of solar cells based on cast polycrystalline silicon 81873
Abdurakhmanov, B.M., Allev, R., Bilyalov, R.R. Superlinearity of photocurrent in polycrystalline Si p-n structures 81892
Abdurakhmanov, B.M., Baidakov, S.G., Kosov, A.V., Saidov, M.S. Photoelectric modules with bilateral illumination of solar cells by concentrated radiation 102975
Abdurakhmanov, B.M., Bilyalov, R.R. Use of autodoping to create extracting electric fields in the base of silicon solar cells 81891
Abdurakhmanova, S.N. *see* Makhkamov, S.M. 94280
Abdurakkmanov, B.M. *see* Abdul'nabi, Z.M. 102519
Abdurashitov, J.N. *see* Elliott, S.R. 80104
Abdurrahman, N.M. *see* Jo, Y.G. 72999
Abe, B. *see* Yoshinaga, H. 83446
Abe, B. *see* Yoshinaga, H. 84465
Abe, D. *see* Levush, B. 61440
Abe, D.K. *see* Levush, B. 105079
Abe, H., Kiyohara, Y., Rirukawa, M., Sanui, K., Ogata, N., Watanabe, T., Myata, S. Nonlinear optical properties of poly(p-phenylene) derivatives 85633
Abe, H., Rikukawa, N., Sanui, K., Ogata, N., Watanabe, T., Miyata, S. Synthesis and nonlinear optical properties of poly(γ-methyl L-glutamate)s having nitrostilbene dyes as side chains. I 76246
Abe, H. *see* Choong Seon Hong 78203
Abe, H. *see* Dosaka, K. 61894
Abe, H. *see* Dosaka, K. 73335
Abe, H. *see* Dosaka, K. 93377
Abe, H. *see* Goto, K. 68396
Abe, H. *see* Inui, M. 91448
Abe, H. *see* Libsch, F.R. 89291
Abe, H. *see* Makita, T. 84917
Abe, H. *see* Nitta, Y. 73370
Abe, H. *see* Nunoshita, M. 115111
Abe, H. *see* Sakurai, Y. 98997
Abe, H. *see* Sasagawa, K. 112888
Abe, H. *see* Sato, T. 106435
Abe, H. *see* Shabani, M.B. 74597
Abe, H. *see* Tatsumi, K. 81666
Abe, H. *see* Yonehara, H. 89802
Abe, H. *see* Zaghib, K. 81668
Abe, H. *see* Zhongmin Wen 84915
Abe, J. *see* Hirano, T. 116251
Abe, K., Antilogus, P., Aston, D., Baird, K., Baltay, C., Bean, A., Ben-David, R., Bienz, T., Bird, F., Caldwell, D.O., Cavalli-Sforza, M., Coller, J., Coyle, P., Coyne, D., Dasu, S., Dima, M., D'Oliveira, A., Dubosq, J., Dunwoodie, W., Hallewell, G., Hasegawa, K., Hasegawa, Y., Huber, J., Iwasaki, Y., Jacques, P., Johnson, R.A., Kalelkar, M., Kawahara, H., Kwon, Y., Leith, D.W.G.S., Liu, X., Lu, A., Manly, S., Martinez, J., Mathys, L., McHugh, S., Meadows, B., Mueller, G., Muller, D., Nagamine, T., Narita, S., Nussbaum, M., Pavel, T.J., Plano, R., Ratcliff, B., Rensing, P., Santha, A.K.S., Schultz, D., Sen, S., Shank, J.T., Shapiro, S., Simopoulos, C., Snyder, J., Solodov, E., Stamer, P., Stockdale, I., Suekane, F., Toge, N., Turk, J., Va'vra, J., Whitaker, J.S., Williams, D.A., Williams, S.H., Willocq, S., Wilson, R.J., Word, G., Yellin, S., Yuta, H. Operational status and performance of the SLD CRID 69708
Abe, K., Antilogus, P., Aston, D., Baird, K., Baltay, C., Bean, A., Ben-David, R., Bienz, T., Bird, F., Caldwell, D.O., Cavalli-Sforza, M., Coller, J., Coyle, P., Coyne, D., Dasu, S., Dima, M., d'Oliveira, A., Dubosq, J., Dunwoodie, W., Hallewell, G., Hasegawa, K., Hasegawa, Y., Huber, J., Iwasaki, Y., Jacques, P., Johnson, R.A., Kalelkar, M., Kawahara, H., Kwon, Y., Leith, D.W.G.S., Liu, X., Lu, A., Manly, S., Martinez, J., Mathys, L., McHugh, S., Meadows, B., Mueller, G., Muller, D., Nagamine, T., Narita, S., Nussbaum, M., Pavel, T.J., Plano, R., Ratcliff, B., Rensing, P., Santha, A.K.S., Schultz, D., Sen, S., Shank, J.T., Shapiro, S., Simopoulos, C., Snyder, J., Solodov, E., Stamer, P., Stockdale, I., Suekane, F., Toge, N., Turk, J., Va'vra, J., Whitaker, J.S., Williams, D.A., Williams, S.H., Willocq, S., Wilson, R.J., Word, G., Yellin, S., Yuta, H. Obtaining physics results from the SLD CRID 69726
Abe, K., Arcelli, C., Hisajima, S.T., Ibaraki, T. Parts of planar shapes 117602
Abe, K., Negishi, T. Development of synchronous DRAM DIMM 73378
Abe, K., Ohba, H., Sugiura, T., Mizushina, S. FDTD analysis of the electromagnetic coupling between a rectangular waveguide radiometer antenna and a four-layered tissue model 80466
Abe, K., Shinkaji, Y., Ino, Y., Ohmori, K., Yamamoto, T., Matsuda, Y., Tanaka, H. Computerized dental radiographic system 90317
Abe, K., Umeda, M., Umemura, T. Degradation behaviour of silicone fluid/aromatic polyamide insulation system 95291
Abe, K. *see* Caihua Wang 77377
Abe, K. *see* Hara, H. 100880
Abe, K. *see* Isaka, S. 71388
Abe, K. *see* Kojima, H. 70030
Abe, K. *see* Koyama, T. 92219
Abe, K. *see* Maeda, S. 80425
Abe, K. *see* Matsuse, K. 121577
Abe, K. *see* Ohba, H. 80335
Abe, K. *see* Ozaki, T. 64055
Abe, K. *see* Sugiyama, T. 86853
Abe, K. *see* Takahashi, K. 86986
Abe, K. *see* Takamatsu, H. 80041
Abe, K. *see* Takamatsu, H. 100907
Abe, K. *see* Yamanouchi, Y. 99739
Abe, M., Inoue, Y., Moriwaki, K., Okuno, M., Ohmori, Y. Optical path length trimming technique using thin film heaters for silica-based waveguides on Si 106828

Abe, M., Ishimaru, M., Ariyoshi, H., Shirakawa, I. A new F-H embedding algorithm for input encoding 76810
Abe, M., Kawamata, M., Higuchi, T. Convergence behavior of evolutionary digital filters on a multiple-peak surface 114126
Abe, M., Kitagawa, T., Hattori, K., Himeno, A., Ohmori, Y. Electro-optic switch constructed with a poled silica-based waveguide on a Si substrate 64796
Abe, M., Yamamoto, S., Kayama, T., Tanaka, H., Shibata, F. An expert system to support maintenance and servicing supplied to the Central Japan Railway Company 81965
Abe, M. *see* Aizawa, K. 69285
Abe, M. *see* Asano, Y. 69759
Abe, M. *see* Kitamoto, Y. 113470
Abe, M. *see* Kitamoto, Y. 115774
Abe, M. *see* Matsuki, J. 101911
Abe, M. *see* Mizuno, H. 76876
Abe, M. *see* Nadaya, N. 67717
Abe, M. *see* Nagata, Y. 80455
Abe, M. *see* Takahashi, M. 117075
Abe, M. *see* Tsunashima, H. 71825
Abe, M. *see* Yanagisawa, T. 81348
Abe, M. *see* Zhang, Q. 75148
Abe, N., Meguro, Y., Nakazawa, M., Hattori, S. Dynamic load control by multi-server client model based on the distributed and autonomous agents 77978
Abe, N. *see* Fudou, H. 111604
Abe, N. *see* He, S. 77515
Abe, N. *see* He, S. 87119
Abe, N. *see* Jiang Yu Zheng 97943
Abe, N.M., Cardoso, J.R. A new approach for coupling electric circuits and 2D-FEM model for electromagnetics 104255
Abe, N.M., Cardoso, J.R., Clabunde, D.R.F., Passaro, A. LMAG-2D: a software package to teach FEA concepts 107739
Abe, N.M. *see* Brodskyn, H.O. 102262
Abe, O., Taketa, Y. Smoke and temperature detection using critical temperature resistor 89033
Abe, R. *see* Kashiwaba, Y. 94565
Abe, S. A performance evaluation method by a renewal process approximation for the queueing system with inputs of multiplexed burst packets 87389
Abe, S. *see* Fukuhara, S. 121201
Abe, S. *see* Hattori, J. 93723
Abe, S. *see* Inoue, T. 73864
Abe, S. *see* Ishikawa, Y. 62187
Abe, S. *see* Katori, K. 109013
Abe, S. *see* Oshita, E. 96437
Abe, S. *see* Sakurada, S. 64222
Abe, S. *see* Yamaoka, H. 90189
Abe, S. *see* Yea, B. 110271
Abe, T., Katayama, M. Bonded SOI technologies for high voltage applications 104327
Abe, T., Ohba, K., Suemitsu, M., Sato, N., Miyamoto, N. Combustion-flame current during diamond film formation by inert-gas curtain combustion-flame method 61428
Abe, T., Reed, M.L. Control of liquid bridging induced stiction of micromechanical structures 74927
Abe, T., Reed, M.L. Low strain sputtered polysilicon for micromechanical structures 74941
Abe, T., Sunakawa, K., Hagimoto, K., Aga, K. The behaviour of grown-in defects during the wafer bonding process 63162
Abe, T. *see* Fukunaga, T. 84870
Abe, T. *see* Hashimoto, O. 110325
Abe, T. *see* Hashimoto, O. 119836
Abe, T. *see* Ikeda, M. 73416
Abe, T. *see* Itoh, H. 81815
Abe, T. *see* Kaneko, S. 88139
Abe, T. *see* Maeda, M. 73097
Abe, T. *see* Mori, M. 81839
Abe, T. *see* Nakano, K. 68189
Abe, T. *see* Nakano, K. 99298
Abe, T. *see* Nayar, V. 63160
Abe, T. *see* Ohkawa, M. 99960
Abe, T. *see* Petzold, M. 63205
Abe, T. *see* Shinohara, K. 121183
Abe, T. *see* Tamura, H. 72510
Abe, T. *see* Yamamoto, T. 81774
Abe, Y., Kikuchi, H., Sasaki, S., Watanabe, H., Saitoh, Y. Edge enhancement of images using multiresolution vector quantization 77078
Abe, Y. *see* Fukuda, T. 77302
Abe, Y. *see* Kamagami, S. 89391
Abe, Y. *see* Kasuga, T. 64523
Abe, Y. *see* Makihara, Y. 90786
Abe, Y. *see* Yamane, M. 93955
Abe, Y. *see* Yanagisawa, H. 74630
Abe, Y. *see* Yokoo, K. 74049
Abe, Y. *see* Yokoo, K. 83714
Abed, M. *see* Zondy, J.-J. 96684
Abed, M.A.A., Ghanta, S. Optimizing logical topology of lightwave network architecture (LNA) using genetic algorithms 109636
Abed, S.K., Khanniche, M.S. A multiprocessor-based closed loop voltage control and harmonic elimination for PWM inverters 102835
Abedi, M., Mousavi, A.M. General comprehensive models for simulation of earth contributed faults in synchronous generators using phase coordinate theory 71270
Abedi, M., Rameshkhah, F., Jalali, D. Reliability evaluation in open ring distribution systems 102129
Abedi, M. *see* Bathaee, S.M.T. 101867
Abedin, K.S., Tsuritani, T., Sato, M., Ito, H. Diode pumped, domain-inverted integrated electrooptic Q-switching of Nd:LiTaO$_3$ laser 65141
Abedin, K.S. *see* Sato, M. 85710
Abegg, G.L. *see* Chagas, M.I. 82122
Abel, C. *see* Larsen, F. 63846
Abel, J., Kornyshev, A.A. Random-network simulation of an ultracapacitor based on metal-solid electrolyte composite 114344
Abel, L., Schlafhorst, H. The DAWE-B decentralised evaluation system for the GMP 900 track magnet tester 79238
Abel, P.B. *see* Powell, J.A. 103976
Abela, R. *see* Schmidt, P.V. 90179
Abele, M.G., Jensen, J.H. Hybrid pole pieces for permanent magnets 64481
Abeles, F. *see* Nguyen Van, V. 119898
Abeles, J.H. *see* Garbuzov, D.Z. 96243
Abeles, J.H. *see* Nesnidal, M.P. 65311
Abeles, J.H. *see* Riris, H. 97878
Abell, J.S. *see* Yang, G. 75313
Abelmann, L. *see* Immink, A.H.J. 106537
Abeln, G.C. *see* Lyding, J.W. 84250
Abels, E.G. The e-mail reference interview 87639
Abenathy, C.R. *see* Stradtmann, R.R. 114964
Abend, K. Adaptive processing for ultra-wideband short-pulse radar 99628
Abenda, S. *see* Vecchi, M.C. 69144
Aberegg, K.R., Taguchi, A., Peterson, A.F. Application of higher-order vector basis functions to surface integral equation formulations 116852
Aberle, A.G., Kuhlmann, B., Meyer, R., Hubner, A., Hampe, C., Hezel, R. Comparison of p-n junction and inversion layer silicon solar cells by means of experiment and simulation 91735
Aberle, A.G. *see* Altermatt, P.P. 121878
Aberle, A.G. *see* Grauvogl, M. 112397
Aberle, J.T. *see* Elshafiey, T.F. 83310
Aberle, J.T. *see* Kokotoff, D.M. 68603
Aberle, J.T. *see* Zavosh, F. 108017
Abernathy, C.R. *see* Antonell, M.J. 105565
Abernathy, C.R. *see* Geerts, W. 94355
Abernathy, C.R. *see* Hong, J. 74587
Abernathy, C.R. *see* Hong, J. 105609
Abernathy, C.R. *see* Lee, J.W. 74586
Abernathy, C.R. *see* Lee, J.W. 74596
Abernathy, C.R. *see* Lee, J.W. 74601
Abernathy, C.R. *see* Lee, J.W. 94724
Abernathy, C.R. *see* Lee, J.W. 114907
Abernathy, C.R. *see* Mackenzie, J.D. 103877
Abernathy, C.R. *see* MacKenzie, J.D. 113287
Abernathy, C.R. *see* McLane, G.F. 84135
Abernathy, C.R. *see* Mileham, J.R. 84119
Abernathy, C.R. *see* Pearton, S.J. 74521
Abernathy, C.R. *see* Pearton, S.J. 84080
Abernathy, C.R. *see* Pearton, S.J. 92725
Abernathy, C.R. *see* Pearton, S.J. 94876
Abernathy, C.R. *see* Pearton, S.J. 114890
Abernathy, C.R. *see* Ren, F. 114963
Abernathy, C.R. *see* Santana, C.J. 103926
Abernathy, C.R. *see* Shul, R.J. 84187
Abernathy, C.R. *see* Vartuli, C.B. 84133
Abernathy, C.R. *see* Vartuli, C.B. 105648
Abernathy, C.R. *see* Vartuli, C.B. 114949
Abernathy, C.R. *see* Zolper, J.C. 74520
Abernathy, D.L. *see* Mochrie, S.G.J. 94215
Abernathy, P.C., Dobrzanski, J.R., Smith, M.C., Griswold, M.S., Burnsed, M.G., Sherman, J.R. Ku-band solid state power amplifier for Geosat follow-on 109739
Abernethy, B.C. Where we have come from and where we must go with interactive vehicle-to-infrastructure wireless communications 99114
Abernethy, D.A., Millen, M.J., Sowerby, B.D. Plant trial of an ultrasonic gauge for the on-line measurement of pulverised coal mass flow 110440
Abernethy, D.R. *see* Tohme, W.G. 110865
Abeta, S., Sampei, S., Morinaga, N. Adaptive coding rate and processing gain control for cellular DS/CDMA systems 68210
Abeta, S., Sampei, S., Morinaga, N. A coherent detection system with a suppressed pilot channel for DS/CDMA systems 78426
Abeta, S., Sampei, S., Morinaga, N. Channel activation with adaptive coding rate and processing gain control for cellular DS/CDMA systems 108816
Abetti, P.A. The impact of convergent and divergent technological and market strategies on core competencies and core rigidities: an exploratory study 72161
Abeygunawardana, S. *see* Neelakanta, P.S. 69481
Abeyratne, S.G., da Silva, E.R., Murai, Y. PWM series resonant DC-link converter with current clamping by the use of saturable core 121610
Abeyratne, S.G., Horikawa, J., Murai, Y., Lipo, T.A. Series resonant DC-link AC/DC power converter for a V/F controlled motor drive 91812
Abeyratne, U.R., Petropulu, A.P., Reid, J.M. On modeling the tissue response from ultrasonic B-scan images 101190
Abeysekera, S.S. Alternative architectures for pulse stuffing synchronizers 118008
Abeysekera, S.S., Cantoni, A. Comparison of dithering and adaptive schemes used in sigma-delta modulators 104639
Abeysekera, S.S., Cantoni, A. Selection of stuff threshold modulation dither sequences for known SYN-DES operating conditions 118010
Abeysinghe, J.R., Roberts, J.A. Bit error rate performance of antenna diversity systems with channel correlation 88217
Abgarjan, T. *see* Neuberta, M. 74136
Abhyankar, Y., Degwekar, A., Karandikar, A. DS-link over fiber: a high-speed interconnect for cluster computing 78004
Abi-Raad, M. Rethinking approaches to teaching with telecommunication technologies 92066
Abid, A. A direct proof of the additional element theorem 93089
Abidi, A. *see* Pai, P. 75264
Abidi, A. *see* Rofougaran, A. 73803
Abidi, A.A. *see* Kim, K.Y. 114029
Abidi, A.A. *see* Rofougaran, A. 78372
Abidi, A.A. *see* Rofougaran, A. 118768
Abidi, M.A. *see* Alberto Salinas, R. 67403
Abidi, M.A. *see* Baccar, M. 117600
Abidi, M.A. *see* Richardson, C. 66978
Abidi, M.A. *see* Salinas, R. 77541
Abiko, H., Ono, A., Ueno, R., Masuoka, S., Shishiguchi, S., Nakajima, K., Sakai, I. 0.15 μm n-n gate CMOS technology with channel selective epitaxy and transient enhanced diffusion suppression 84594
Abiko, H. *see* Mizuno, M. 61853
Abiko, H. *see* Mizuno, M. 73194
Abiven, J. *see* Hauden, J. 88537
Ablameyko, S. Electronic reading of graphic documents. Belarusian work in document recognition 98310
Ablameyko, S., Aparin, G., Bereishik, V., Homenko, M. Knowledge-based interpretation of roads and correlated objects on map-drawings 97931
Ablameyko, S., Arcelli, C., Ramella, G. Removing noninformative subsets during vectorization of gray-level line patterns 86562
Ablameyko, S.V., Kuleshov, A.Ya. Automatic classification of gray-scale-image objects by the autocorrelation similarity measure of their arc-approximated contours 108637
Ablameyko, S.V. *see* Lagunovsky, D.M. 108641
Ablameyko, S.V. *see* Pridmore, T.P. 108634
Ablayev, F. Lower bounds for one-way probabilistic communication complexity and their application to space complexity 67573
Ablekhin, D.M. *see* Kulikov, A.L. 117408
Ablett, S., Burdett, N.G., Carpenter, T.A., Hall, L.D., Salter, D.C. Short echo time MRI enables visualisation of the natural state of human stratum corneum water in vivo 80286
Abo, H. *see* Takai, Y. 73379
Abo Seliem, A.A.S., Bishay, S.T. Transient electromagnetic field of a vertical electric dipole above an atmospheric surface duct 97066
Abo-Arais, A. *see* Siebke, F. 94427
Abo-Elelaa, M.S. *see* Abdelhamid, T.H. 112068
Aboelfotoh, M.O. *see* Doyle, J.P. 94595
Aboelfotoh, M.O. *see* Harris, C.I. 105303
Aboites, V. *see* Barrientos, B. 107138
Aboites, V. *see* Barrientos, B. 107139
Abonamah, A.A. *see* Sibai, F.N. 108871
Aboreshaid, S. *see* Billinton, R. 70806
Aboreshaid, S. *see* Billinton, R. 80904
Aboreshaid, S. *see* Faried, S.O. 121435
Aboreshaid, S. *see* Fotuhi-Firuzabad, M. 101807
Aboshi, M., Oura, Y., Kobayasi, T., Tsuburaya, T., Ueno, Y., Kaneko, M. Development of overhead catenary system for projected Shinkansen 81978
Abou Chahine, S., Huyart, B., Vuijk, B., Bergeault, E., Jallet, L. A millimeter network analyser incorporating a single six-port junction 69003
Abou El Ela, A.H. *see* Abdelghany, A. 94435
Abou El-Khier, A.A. *see* Abboudy, S. 94358
Abou-Ali, A.-L. *see* Porter, W.A. 108139
Abou-Allam, E., El-Masry, E.I., Manku, T. CMOS front end RF amplifier with on-chip tuning 104374
Abou-Alwafa, A.M. *see* Gamal, G.A. 83886
Abou-El-Ela, M., El-Amroussy, F. A machine vision system for the recognition and positioning of two-dimensional partially occluded objects 117882
Abou-Elnour, A., Curow, M., Schunemann, K. An efficient physical device-circuit simulator and its application to accurate design of millimeter wave oscillators 73747
Abou-Elnour, A., Schuenemann, K. A rigorous model of tunneling and thermionic currents in microwave HFETS 73722
Abou-Elnour, A., Schunemann, K. Accurate modeling of noise fluctuations in mm-wave semiconductor devices and their spatial and frequency dependence 93813
Abou-Elnour, A., Schunemann, K. A comparison between the noise performance of millimeter wave MESFETs and hetero-FETs by using a two dimensional physical simulator 115232
Abou-Kandil, H. *see* Freiling, G. 82367
Abou-Rabia, O. *see* El-Gendy, H. 67898
Abou-Rabia, O. *see* Elgendy, H. 118489
Abouir, J., Cuyt, A., Gonzalez-Vera, P., Orive, R. On the convergence of general order multivariate Pade-type approximants 103711
Aboul-Ela, M.E., Sallam, A.A., McCalley, J.D., Fouad, A.A. Damping controller design for power system oscillations using global signals 70725

Aboul-Ela, M.E. *see* Sallam, A.A. 80821
Aboul-Seoud, A.K. *see* Saleh, M.B. 95050
Abouliatim, A., Joubert, P., Guyader, P. Effect of light intensity on photoluminescence properties of n-type porous silicon 94297
Aboulnasr, T. *see* Mandal, M.K. 97448
Aboulnasr, T. *see* Mandal, M.K. 108476
Aboulnasr, T. *see* Vukadinovic, M. 117425
Abounadi, A., Rajira, A., Cloitre, T., Averous, M., Calas, J., Aulombard, R.L., Ameziane, E.L. Optical properties of $Zn_{1-x}Cd_xSe$-ZnSe superlattices grown by metal organic vapour phase epitaxy 114769
Abousleman, G.P. Adaptive wavelet coding of hyperspectral imagery 97871
Aboussoror, A., Loridan, P. Sequential stability of regularized constrained Stackelberg problems 72447
Aboutajdine, A. *see* Ammoumou, A. 117859
Aboutajdine, D., Adib, A., Meziane, A. Fast adaptive algorithms for AR parameters estimation using higher order statistics 97782
Abouzahra, M.D., Yeo, S.P. Comments on "microstrip notched-sectorial power combiner with improved isolation" [and reply] 114196
Abouzakhar, F.S., Blackburn, T.R. Cultural and social impacts on electrical energy use management 80897
Abraha, P.A. *see* Nakamoto, T. 72972
Abraha A., P. *see* Yamaguchi, K. 64014
Abraham, C. *see* Caunegre, P. 83255
Abraham, D. *see* Segev, M. 65500
Abraham, D.L. *see* Prins, M.W.J. 64461
Abraham, E. *see* Atkin, I.L. 95505
Abraham, I.C. *see* Kirmse, K.H.R. 63333
Abraham, J. *see* Arunachalam, P. 93209
Abraham, J. *see* Balivada, A. 62491
Abraham, J. *see* Joseph, C.L. 79528
Abraham, J.A. *see* Chatterjee, A. 104488
Abraham, J.A. *see* Mukherjee, R. 93322
Abraham, J.A. *see* Nagi, N. 63895
Abraham, J.A. *see* Nagi, N. 72253
Abraham, J.A. *see* Zheng, H.H. 106145
Abraham, K.M. *see* Zhiping Jiang 71634
Abraham, M., Arnold, J., Ehrfeld, W., Hesch, K., Mobius, H., Paatzsch, T., Schulz, C. Laser-LIGA: A cost saving process for flexible production of microstructures 74910
Abraham, M.H. *see* Grate, J.W. 79454
Abraham, N.B. *see* Chen, Z. 96634
Abraham, N.B. *see* Martin-Regalado, J. 96338
Abraham, N.B. *see* Martin-Regalado, J. 96344
Abraham, P. *see* Pautet, C. 82600
Abraham, P. *see* Sacilotti, M. 94476
Abraham, V. *see* Patnaik, L.M. 111047
Abraham, W., Benjegerdes, R., Reginato, L., Stoker, J., Hipple, R., Peters, C., Pruyn, J., Vanecek, D., Yu, S. Design and testing of the 2 MV heavy ion injector for the Fusion Energy Research Program 89701
Abraham-Shrauner, B. Plasma etching of semiconductor trenches by two processes 114915
Abraham-Shrauner, B., Wang, C.D. Neutral etching and shadowing in trench etching of semiconductors 63296
Abrahamn, J.A. *see* Saab, D.G. 113913
Abrahams, J. Minimizing the maximum codeword cost 66412
Abrahams, J. Generation of discrete distributions from biased coins 97552
Abrahamson, S. *see* Strifors, C. 99623
Abrahamsson, B. *see* Jackson, P.O. 121101
Abrahamyan, L.E. *see* Manvelyan, M.O. 96087
Abram, I. *see* Bloch, J. 65308
Abram, R.A. *see* Crow, G.C. 65189
Abram, R.A. *see* Crow, G.C. 116565
Abram, R.A. *see* Walmsley, M. 105841
Abramenko, N. *see* Shalnov, A. 89597
Abramenko, N. *see* Shalnov, A. 89730
Abramkin, Yu.V. The analysis of ponderomotive force distribution in the electromagnetic field with the aid of the universal physical analog of tensions 96885
Abramkin, Yu.V., Ivanov-Smolenskii, A.V. Theory by Maxwell and unity theorem formulae for specific ponderomotive forces in a magnetic field 65600
Abramkin, Yu.V., Ivanov-Smolenskii, A.V. The theoretical principles of the ponderomotive forces are the inalienable part of Maxwell general electromagnetic theory 116805
Abramkin, Yu.V. *see* Ivanov-Smolenskii, A.V. 71228
Abramo, A., Casarini, P., Jacoboni, C. Phase time for coherent transport in two-dimensional structures 95078
Abramo, A., Fiegna, C. Electron energy distributions in silicon structures at low applied voltages and high electric fields 94227
Abramo, M.T., Hahn, L.L. The application of advanced techniques for complex focused-ion-beam device modification 114950
Abramof, E. *see* Boschetti, C. 72950
Abramov, A.Yu. *see* Mazur, M.M. 119917
Abramov, B.I. *see* Datskovskii, L.Kh. 103079
Abramov, S.A., Zima, E.V. Rings of Ore's polynomials and reduction of linear systems 61052
Abramov, V.V. Monte Carlo study of the influence of magnetic field on energy measurements in calorimeters 90133
Abramova, I.N., Gerlovin, I.Ya., Dolgikh, K., Eliseev, S.A., Ovsyankin, V.V., Efimov, Yu.P., Ignat'ev, I.V., Petrov, V.V., Shabanov, S.V. Nonlinear luminescence and dynamic broadening of exciton lines of GaAs/AlGaAs structures under cw optical excitation 62793
Abramova, L., Baratov, V., Fedorin, V., Khavinson, L., Latigneva, E., Riski, K., Ikonen, E., Lassila, A. Comparison of length standards between the CMA and the VNIIM 88898
Abramova, N. *see* Munoz, J. 74925
Abramovich, A., Pinhasi, Y., Shterngartz, V., Gilutin, L., Kleinman, H., Eichenbaum, A., Yakover, I.M., Cohen, M., Gover, A., Levush, B., Antonsen, T.M., Granatstein, V.L. Measurements and simulation of the radiation build-up process in a prebunched free-electron maser oscillator 96078
Abramovich, A. *see* Arensburg, A. 96443
Abramovich, Y.I., Anderson, S.J., Solomon, I.S.D. Adaptive ionospheric distortion correction techniques for HF skywave radar 109787
Abramovich, Yu.I., Gorokhov, Al.Ju. Improved analysis of high resolution spatial spectrum estimators in minimum redundancy linear arrays 66160
Abramovich, Yu.I., Gorokhov, A.Yu. Adaptive OTHR signal extraction under nonstationary ionospheric propagation conditions 68593
Abramovich, Yu.I. *see* Evstratov, F.F. 68669
Abramovici, M. *see* Iyer, M.A. 61866
Abramovici, M. *see* Iyer, M.A. 73218
Abramovici, M. *see* Rajan, K.B. 104478
Abramovici, M. *see* Stroud, C. 61795
Abramovici, M. *see* Stroud, C. 104492
Abramovitz, A., Ben-Yaakov, S. Current spectra translation in single phase rectifiers: implications to active power factor corrections 121675
Abramovitz, I.J., Flechsig, D.E., Malarkey, C., Bernstein, N.P. Operational characteristics of an optically-implemented microwave frequency synthesizer 61673
Abramowicz, A. Analysis of coupled dielectric resonators by means of eigenfrequency method 62194
Abramowicz, A., Celuch-Marcysia, M., Gwarek, W.K. A new consistent model of coupled transmission lines and its verification by the FD-TD method 116942
Abramowicz, A. *see* Derzakowski, K. 119846
Abramowski, S., Klabunde, K., Konrads, U., Neunast, K., Tjabben, H. The multimedia reference model: a framework facilitating the creation of multi-user, multimedia applications 98888
Abrams, K., Ashby, D., Errington, D. A Bayesian approach to Weibull survival models—Application to a cancer clinical trial 101426
Abrams, M. *see* Williams, S. 118415
Abrams, S., Allen, P.K. Computing swept volumes for sensor planning tasks 77326
Abramski, K., Baker, H., Colley, A., Hall, D.R. High power multi-channel waveguide CO_2 laser arrays 107105
Abramski, K.M., Smetek, P., Witkowski, J.S. Optimisation of heterodyne signals in acousto-optic experiments 86899
Abramsky, P. *see* Gorniker, E. 100510
Abramson, D., Dang, H., Krishnamoorthy, M. A comparison of two methods for solving 0-1 integer programs using a general purpose simulated annealing algorithm 82446
Abramson, J. The information superhighway: business opportunity or invitation to disaster? 87816
Abramson, L.R. *see* Martz, H.F. 81203
Abramson, N. Light-in-flight recording by holography as a practical educational tool 96757
Abrantes, A.J., Marques, J.S. A class of constrained clustering algorithms for object boundary extraction 117844
Abrantes, L.M.deS. *see* Simpson, D.M. 101368
Abrao, T., Correra, F.S. A 2.488 Gb/s GaAs 1:4/1:16 demultiplexer IC with skip circuit for SONET STS-12/48 systems 98976
Abreu, E., Lightstone, M., Mitra, S.K., Arakawa, K. A new efficient approach for the removal of impulse noise from highly corrupted images 77267
Abreu, J.P.G. *see* Arango, H. 102778
Abreu-Garcia, J.A.De *see* De Abreu-Garcia, J.A.
Abril, E.J. *see* Sanchez-Rojas, J.L. 63044
Abril, E.J. *see* Sanz-Hervas, A. 106969
Abrishamian, M.S. *see* Sadeghzadeh, R.A. 70262
Abrishamkar, F., Siveski, Z. PCS global mobile satellites 109462
Abro, E., Johansen, G.A. Low noise gamma-ray and X-ray detectors based on CdTe-materials 110573
Abro, E. *see* Johansen, G.A. 69892
Abro, M.R., Memon, M., Memon, N. Computer aided analysis of unconventional harmonics in a system network due to unbalanced loading of power converters 70636
Abroal, C.V. *see* Shrivastava, M.K. 122105
Abrokwah, J. *see* Glass, E. 83459
Abrokwah, J. *see* Glass, E. 93789
Abrokwah, J. *see* Hallmark, J. 84533
Abrosimov, N.V. *see* Erko, A. 90250
Abrosimova, N.I. *see* Abdurakhmanov, B.M. 81873
Abroskin, A.A., Kolobov, S.A. Noise immunity of the partially-coherent processing of frequency-phase-keyed signals in channels with variable parameters 117405
Abroyan, M.A., Akulov, V.V., Bogomazov, P.M., Kosogorov, S.L., Manukyan, G.Sh., Motovilov, S.A., Shvedyuk, V.Ya., Shapiro, V.B. Ionisation device for a supersonic electron-beam-sustained CW CO laser 107127
Abs, M. *see* Jongen, Y. 101424
Abshire, C. *see* Teodorescu, R. 95546
Abstreiter, G. *see* Baumgartner, P. 83917
Abstreiter, G. *see* Fromherz, T. 74431
Abstreiter, G. *see* Fromherz, T. 116209
Abstreiter, G. *see* Holzmann, M. 63792
Abstreiter, G. *see* Karrai, K. 100028
Abstreiter, G. *see* Koster, T. 62812
Abstreiter, G. *see* Nutzel, J.F. 72799
Abstreiter, G. *see* Nutzel, J.F. 113330
Abstreiter, G. *see* Robkopf, V. 62995
Abstreiter, G. *see* Stimmer, J. 75743
Abstreiter, G. *see* Tobben, D. 63817
Abt, I., Andricek, L., Bauer, C., Baumann, I., Fox, H., Halley, A., Knopfle, K.T., Kroha, H., Richter, R.H., Riechmann, K., Rietz, M., Rubsam, R., Seywerd, H., St. Denis, R. Irradiation tests of double-sided silicon strip detectors with a special guard ring structure 100825
Abt, I., Andricek, L., Bauer, C., Fox, H., Halley, A., Kroha, H., Richter, R.H., Riechmann, K., Rietz, M., Rubsam, R., Seywerd, H., St. Denis, R., Baumann, I., Knopfle, K.T. Irradiation tests of double-sided silicon strip detectors with a special guard ring structure 80025
Abtahi, M., Hashemi, H. Simulation of indoor propagation channel at infrared frequencies in furnished office environments 88618
Abthoff, T.H., Johannes, F.M. TINA: analog placement using enumerative techniques capable of optimizing both area and net length 113682
Abu Hassan, L.H. *see* Thompson, W.H. 114937
Abu Mansoor, S.A. *see* Zaki Ewiss, M.A. 105206
Abu Saa, M., El-Said, M. The energy spectra of two interacting electrons in a parabolic quantum dot in the presence of a magnetic field: interpolation approach 114793
Abu Safiya, A.S., Fora, A.A., Warner, M.W. Higher separation axioms in bifuzzy topological spaces 60857
Abu-Amara, H. *see* Sayeed, H.M. 67836
Abu-Dayya, A.A., Beaulieu, N.C. Diversity $\pi/4$-DQPSK on microcellular interference channels 119054
Abu-Ghalune, J.M., Khasawneh, M.A. Analysis of an LMS-based algorithm using reduced number of computations 113219
Abu-Khater, I.S., Bellaouar, A., Elmasry, M.I. Circuit techniques for CMOS low-power high-performance multipliers 113848
Abu-Naaj, M.S. *see* Al-Jalili, Y.O. 76697
Abu-Rezq, A.N. *see* Koyuncu, B. 70500
Abu-Rgheff, M.N.Ali *see* Ali Abu-Rgheff, M.N.
Abu-Shama, E., Elchouemi, A., Sayed, S., Bayoumi, M. An efficient low power basic cell for adders 73324
Abubakr, I. *see* Yaacob, M. 73465
Abubakyrov, B.A. *see* Starodubrovsky, R.K. 62213
Abud Filho, E. *see* Branco, M.G.C. 97346
Abudula, A. *see* Aida, T. 81832
Abuelma'atti, M.T. New current-mode oscillators using a single unity-gain current-follower 73150
Abuelma'atti, M.T. New current-mode oscillators using unity-gain current-followers 73151
Abuelma'atti, M.T. Cascadable current-mode filters using single FTFN 93559
Abuelma'atti, M.T. Harmonic and intermodulation performance of spatial light modulators 97425
Abuelma'atti, M.T., Al-Daghrier, H.M. An improved analysis for the bipolar linear transconductor 73590
Abuelma'atti, M.T., Al-Qahtani, M.A. Current-mode universal filters using unity-gain cells 73525
Abuelma'atti, M.T., Al-Shahrani, S.M. A novel low-component-count single-element-controlled sinusoidal oscillator using the CFOA pole 73152
Abuelma'atti, M.T., Al-Shahrani, S.M. New universal filter using two current-feedback amplifiers 73539
Abuelma'atti, M.T., Farooqui, A.A. Universal current-conveyor-based current-mode filter with single input and five outputs 73536
Abuelma'atti, M.T., Farooqui, A.A. New universal one-input five-output current-mode filter using current-conveyors 73538
Abuelma'atti, M.T., Farooqi, A.A. A novel single-element controlled oscillator using the current-feedback-operational amplifier pole 104397
Abuelma'atti, M.T., Johar, M.M. Chaos in a non-autonomous inductorless active-RC circuit 73537
Abuelma'atti, M.T., Khan, M.H. On the stability of resistively variable capacitors using general impedance converters 83554
Abuelma'atti, M.T., Shabra, A.M. Composite second-generation current-conveyor with variable current and voltage gains 62020
Abuelma'atti, M.Taher *see* Taher Abuelma'atti, M.
Abuelma'atti Muhammad Taher *see* Muhammad Taher Abuelma'atti
Abugoffa, A.A. *see* Naumovich, E.N. 81802
Abukawa, T. *see* Kono, S. 113295
Abukumov, V.M. Features of the measurement of the angular coordinates of stars by precision optoelectronic systems 111039
Abulnasr, L. *see* Abboudy, S. 94358

Abur, A. A modified linear programming method for distribution system reconfiguration 111582
Abur, A. Determining the optimal radial network topology within the line flow constraints 121117
Abur, A. *see* Hongrae Kim 101931
Aburai, S. *see* Sekiguchi, T. 119495
Aburatani, H., Uchino, K. Acoustic emission (AE) measurement technique in piezoelectric ceramics 64083
Aburdene, M.F. Recursive computation of discrete Legendre polynomial coefficients 66772
Aburdene, M.F., Zheng, J., Kozick, R.J. New recursive VLSI architectures for forward and inverse discrete cosine transform 67007
Aburdene, M.F. *see* Robertson, G.R. 108499
Abusali, P.A.M. *see* Kuang, D. 99694
AbuShaaban, M., Scanlan, S.O. Modal circuit decomposition of lossy multiconductor transmission lines 97203
Abushagur, M.A.G., Helaly, A. Acousto-electro-optic demultiplexers in high data rate optical communication systems 119145
Abusland, A. *see* Marienborg, J.-T. 104756
Abuzeid, S. Total contamination control [IC manufacture] 95101
Abys, J.A. *see* Boguslavsky, I. 60649
Acacia, C. The network of the future. Hermes Plus 87764
Acampora, A. Wireless ATM: a perspective on issues and prospects 109399
Acampora, A. *see* Borgonovo, F. 109465
Acampora, A. *see* Kovacevic, M. 78727
Acampora, A. *see* Kovacevic, M. 88473
Acampora, A.S. *see* Duanyang Guo 78101
Acampora, A.S. *see* Duanyang Guo 78910
Acampora, A.S. *see* Duanyang Guo 87700
Acampora, A.S. *see* Kovacevic, M. 78901
Acampora, A.S. *see* Naghshineh, M. 118918
Acantilado, N. *see* Lasher, M. 89245
Acar, C. Nth-order voltage transfer function synthesis using a commercially available active component: signal-flow graph approach 114076
Acar, C., Kuntman, H. Limitations on input signal level in current-mode active-RC filters using CCIIs 93560
Acar, H.G., Landy, C.F. Modelling of a Written-Pole synchronous motor 102664
Acar, T. *see* Kaya Koc, C. 76709
Acarnley, P. *see* French, C. 112459
Acarnley, P. *see* French, C. 112460
Accame, M., De Natale, G.B. Locally tuned edge extraction with artificial neural networks 108662
Accatino, L., Bertin, G. Mode-matching techniques for the design of microwave filters 73668
Accatino, L., Bertin, G., Mongiardo, M. A four-pole dual mode elliptic filter realized in circular cavity without screws 83323
Accatino, L., Bertin, G., Mongiardo, M. A circular cavity structure for the efficient CAD of dual mode filters 93715
Acciari, G., Giannini, F., Limiti, E. A novel design methodology for microwave true logarithmic amplifiers 93818
Acciarri, M., Arcesi, B., Baschirotto, A., Castello, R., Furetta, C., Pensotti, S., Rancoita, P.G., Rattaggi, M., Redaelli, M., Seidman, A. Test system for an optical readout chain of a silicon microstrip detector 120165
Acedo, P. *see* Lamela, H. 96369
Aceiton, L. *see* Coll, S. 71921
Aceituno, P. *see* Raichev, O.E. 114738
Acerbi, E., Baccaglioni, G., Rossi, L., Volpini, G., Biltcliffe, M., Daniels, P., Mellors, J., Timms, K. Design and experimental results of the Nb_3Sn double insert for an 18 tesla, 100 mm free bore solenoid 95534
Acerbi, E. *see* Bona, M. 90034
Acero, J. *see* Perez, A. 104903
Acevedo, A.M. Limits for the maximum efficiency of silicon solar cells: effects due to Auger generation and to deep levels 81906
Acevedo-Contla, P., Das-Gupta, D.K. Simple model for the design of ultrasonic transducers using composite piezoelectric materials 111387
Aceves, R. *see* Castaneda, B. 106942
Aceves, S.M. An analytical comparison of adsorption and vapor compression air conditioners for electric vehicle applications 81983
Acha, E., Parton, K. The use of DINIS in the Glasgow University power systems laboratory 91161
Acha, E., Rico-Melgoza, J.J., Fuerte-Esquivel, C.R. The impact of accurate power plant component modelling at harmonic frequencies 90928
Acha, E. *see* Bremner, J.J. 70649
Acha, E. *see* Fuerte-Esquivel, C.R. 121121
Acha, E. *see* Leong, T.C. 102782
Acha, E. *see* Miller, P. 91604
Acha, E. *see* Rico, J.J. 91601
Acha, E. *see* Tan, S.G. 91052
Acha, S. *see* Madrigal, M. 113744
Achar, R., Nakhla, M.S., Qi-Jun Zhang Moment matching techniques for transient analysis of high-speed VLSI interconnects with full wave model 114990
Achar, R. *see* Kolbehdari, M.A. 107713
Achard, J.C. *see* Percheron-Guegan, A. 71657
Achari, A. *see* Shangguan, D. 92245
Acharya, A., Bakre, A., Badrinath, B.R. IP multicast extensions for mobile internetworking 88207
Acharya, A. *see* Badrinath, B.R. 87662
Acharya, B.P., Nayak, P. Numerical evaluation of integrals of analytic functions 72656
Acharya, K.V. *see* Murugavel, S. 94426
Acharya, R.S. *see* Swarnakar, V. 110708
Acharya, T., Jaja, J.F. Enhancing Lempel-Ziv codes using an on-line variable length binary encoding 86087
Acharya, T., Jaja, J.F. An on-line variable-length binary encoding of text 117202
Acharya, Y.B., Aggarwal, A.K. Analytical correction of temperature in a logarithmic electrometer using light-emitting diodes 69382
Acharyya, T.K. *see* Parichha, T.K. 60818
Ache, H.J. *see* Althainz, P. 69373
Ache, H.J. *see* Althainz, P. 120878
Ache, H.J. *see* Plaschke, M. 110267
Ache, H.J. *see* Rapp, M. 106457
Ache, H.J. *see* Rapp, M. 110258
Acheme, L.E.K. *see* Garrick, N.W. 77123
Achenbach, E., Bleise, Ch., Divisek, J. Modelling of planar SOFC 81858
Achenbach, J. *see* Dorighi, J. 110185
Achenbach, J.D. *see* Dorighi, J.F. 80699
Achenbach, J.D. *see* Wei Li 111397
Achenbach, J.D. *see* Zgonc, K. 113563
Acher, O., Boscher, C., LeGuellec, P., Baclet, P., Perrin, G. Investigation of the gyromagnetic permeability of amorphous CoFeNiMoSiB manufactured by different techniques 115575
Acher, O., Le Gourrierec, P., Perrin, G., Baclet, P., Roblin, O. Demonstration of anisotropic composites with tuneable microwave permeability manufactured from ferromagnetic thin films 64203
Acher, O. *see* Baclet, Ph. 115554
Acheroy, M. *see* Lacroix, V. 86855
Acheroy, M. *see* Neyt, X. 67103
Achim, A. Signal detection in averaged evoked potentials: Monte Carlo comparison of the sensitivity of different methods 70147
Achkar, B. *see* Abbes, M. 90145
Achkar, J. A new 18-40 GHz dual 6-port vector network analyzer 69001
Achkar, J.El *see* El Achkar, J.
Achouche, M., Biblemont, S., Courbet, C., Post, G., Clei, A. Low excess noise of InAlAs/InP HFETs fabricated using selective dry recess etching 84488
Achouche, M., Palla, R., Nait-Zerrad, K., Post, G., Clei, A. Heterojunction FETs on InP for optoelectronic applications 88548
Achour, C., Davidson, J., Houle, J.L. FPGA implementation of wavelet transforms 77057
Achterberg, N., Felsner, P., Frank, K., Gortler, A., Hintz, G., Mehr, T., Stenzenberger, J., Stetter, M., Tkotz, R., Chrisansen, J., Hoffmann, D.H.H. Influence of metal vapour release on pseudospark switch performance 62653
Achtziger, N. *see* Reisloehner, U. 74225
Achutharaman, V.S. *see* Vas'ko, V.A. 61196
Ackaert, A. *see* Peeters, J. 118700
Ackaert, A. *see* Temmerman, W. 118685
Acken, K.P., Kim, H.N., Irwin, M.J., Owens, R.M. An architectural design for parallel fractal compression 108606
Acker, B. *see* Stengl, R. 63330
Ackere, M.Van *see* Van Ackere, M.
Ackerman, A.E., Chen Liang, Rogers, C.A. Dynamic transduction characterization of magnetostrictive actuators 64490
Ackerman, D.A., Zhang, L.M., Morton, P.A., Shtengel, G.E., Sheridan, J.A. Real-world distributed feedback lasers: Measured, modeled and applied to CATV 96360
Ackerman, D.A., Zhang, L.M., Sheridan-Eng, J., Flynn, E.J., Bylsma, R.B. Laser diodes for CATV 68907
Ackerman, D.A. *see* Hybertsen, M.S. 96350
Ackerman, D.A. *see* Morton, P.A. 65369
Ackerman, D.A. *see* Morton, P.A. 107235
Ackerman, D.A. *see* Shtengel, G.E. 65198
Ackerman, D.A. *see* Zhang, L.M. 96362
Ackerman, E.I. *see* Cox, C.H., III 99501
Ackerman, T.P. *see* Danne, O. 90764
Ackland, B., Dickinson, A. Camera on a chip 79541
Ackland, B.D. *see* Jayant, N. 118558
Acklin, B. *see* Wenger, G. 119194
Ackmann, P. *see* Lowell, J. 115063
Ackovski, R. *see* Borozan, V. 102125
Ackovski, R. *see* Dimitrovski, A. 102127
Ackovski, R. *see* Dimitrovski, A. 121131
Aclander, H. *see* Wu, J. 110619
Acock, R. Kindly light [early electrification of Cheltenham] 71898
Acon, O. *see* Moreno, W.A. 63838
Acon, O. *see* Moreno, W.A. 94835
Acosta, E. *see* Bara, S. 100308
Acosta, R. *see* Gargione, F. 109578
Acosta, R.Diaz *see* Diaz Acosta, R.
Acosta, R.E. A review of deposition, patterning, and stress of metal films used as absorber in masks for synchrotron X-ray lithography 63506
Acosta, S.M. *see* Schneider, M.C. 93624
Acosta Ortiz, S.E., Telie, H.H. Measurement of line profiles in a $HeCd^+$ laser utilising a diode laser probe 116333
Acovic, A., La Rosa, G., Sun, Y.-C. A review of hot-carrier degradation mechanisms in MOSFETs 95184
Acovic, A., Ray, A., Sun, J., Herman, J., Furukawa, T., Geiger, R., Beyer, K., McGahay, V., Green, S., Abadeer, W. Gate material dependence of process charging damage in thin gate oxide 106206
Acovic, A. *see* Abadeer, W. 105501
Acovic, A. *see* Abadeer, W.W. 60726
Acquarone, F. *see* Firenze, F. 120403
Acree, J.J., Maier, M.W. Radar detection of missile plumes embedded in elevated atmospheric ducts 88695
Acres, G.J.K., Hards, G.A. Electrocatalysts for fuel cells 102963
Actis, A. *see* White, D.R. 119664
Actis, R. *see* Rogers, T.J. 84485
Acton, S. *see* Burton, M. 77428
Acton, S.T. *see* Wei Chen 81131
Acton, S.T. *see* Yaicharoen, A. 86931
Acuna, A.De *see* De Acuna, A.
Ada-Hanifi, M. *see* Guegan, G. 84600
Ada-Hanifi, M. *see* Sallagoity, P. 84573
Adachi, A. *see* Higashiwaki, M. 72763
Adachi, A. *see* Shimomura, S. 63572
Adachi, C., Nagai, K., Tamoto, N. Durability characteristics of aminopyrene dimer molecules as an emitter in organic multilayered electroluminescent diodes 116258
Adachi, E. *see* Minami, S. 115110
Adachi, F. Reduced state transition Viterbi differential detection of M-ary DPSK signals 76893
Adachi, F. Adaptive reception of MPSK signals in fast fading and AWGN channels 117391
Adachi, F., Ohno, K., Higashi, A., Dohi, T., Okumura, Y. Coherent multicode DS-CDMA mobile radio access 118939
Adachi, F. *see* Dohi, T. 68224
Adachi, F. *see* Dohi, T. 118865
Adachi, F. *see* Dohi, T. 118940
Adachi, F. *see* Okumura, Y. 118822
Adachi, G.-Y. *see* Izumi, H. 95347
Adachi, H. Emission characteristics of MIM tunnel cathodes 73951
Adachi, H. Emission characteristics of metal-insulator-metal tunnel cathodes 83713
Adachi, H., Kamiyama, S., Kidoguchi, I. Current spreading effects in 680-nm-band self-sustained pulsating AlGaInP visible laser diodes 65234
Adachi, H. *see* Aramaki, S. 64018
Adachi, H. *see* Ashihara, K. 73925
Adachi, H. *see* Endo, M. 73954
Adachi, H. *see* Endo, M. 73967
Adachi, H. *see* Endo, M. 105008
Adachi, H. *see* Kaneko, S. 112168
Adachi, H. *see* Kidoguchi, I. 75980
Adachi, H. *see* Minami, S. 115110
Adachi, H. *see* Satoh, H. 73945
Adachi, H. *see* Xuechuan Shan 115377
Adachi, I. *see* Lu, C. 69720
Adachi, I. *see* Seguinot, J. 69714
Adachi, K., Kato, K., Sasatani, Y. The micro-mechanism of friction drive with ultrasonic wave 81503
Adachi, K., Saito, M., Ikeya, M., Mori, S. Development of torsional-vibration systems used for high frequency ultrasonic plastic welding 111402
Adachi, K., Takemura, N., Ozaki, Y., Yamashiro, T., Hayashi, T. A customer information network for electric power companies 80867
Adachi, K., Yao, T., Taniuchi, T., Kasuya, A., Miles, R.H., Uda, S., Fukuda, T. Epitaxial growth of Er^{3+}-doped CaF_2 by molecular beam epitaxy 61164
Adachi, K. *see* Ikeda, K. 81041
Adachi, K. *see* Ishizaki, O. 64427
Adachi, K. *see* Koyanagi, T. 61151
Adachi, K. *see* Matsuoka, T. 106197
Adachi, K. *see* Mori, S. 105766
Adachi, M., Okuyama, K., Fujimoto, T., Sato, J., Muroyama, M. Morphology control of films formed by atmospheric-pressure chemical vapor deposition using tetraethylorthosilicate/ozone system 104121
Adachi, M. *see* Cichocki, A. 117438
Adachi, M. *see* Onuki, J. 70496
Adachi, M. *see* Uchida, H. 104022
Adachi, M. *see* Uchida, S. 81132
Adachi, M. *see* Yasuda, H. 76313
Adachi, N., Inoue, A., Yamashita, K. PLL frequency synthesizer for TDMA systems 67564
Adachi, N. *see* Kamoto, T. 61868
Adachi, N. *see* Takeuchi, K. 82357
Adachi, S., Arai, T., Kobayashi, K. Chemical treatment effect of Si(111) surfaces in F-based aqueous solutions 114935
Adachi, S. *see* Matsumoto, H. 67774
Adachi, S. *see* Naka, N. 68280
Adachi, S. *see* Noda, M. 109870
Adachi, S. *see* Suto, K. 61179
Adachi, T. Magnetic flows for a surface of negative curvature 65650
Adachi, T., Kato, M., Kobayashi, T., Suodo, Y., Kume, H., Morimoto, T. A 0.4 μm^2 self-aligned AND-type flash memory cell technology 83123
Adachi, T. *see* Imai, M. 116023
Adachi, T. *see* Kawahara, T. 73347
Adachi, T. *see* Ohkubo, T. 107810
Adachi, T. *see* Ohmori, C. 90025
Adachi, Y., Takenaka, T. Effects of specimen shape on the measurement of the electromechanical coupling coefficient in inclined electrodes 115418
Adachi, Y. *see* Mitani, S. 116002

Adachihara, T. *see* Yokoyama, N. 63824
Adah, T. *see* Chi-Ming Lau 70084
Adah, T. *see* Xiao Liu 108361
Adah, T. *see* Yue Wang 70020
Adair, E.R. Electrophobia 90642
Adair, R.K. Didactic discussion of stochastic resonance effects and weak signals 90625
Adali, T. *see* Jianhua Xuan 111137
Adalsteinsson, D. *see* Malladi, R. 110751
Adam, J. Architects of the net of nets [Internet history] 109006
Adam, J.D., Buhay, H., Daniel, M.R., Eldridge, G.W., Hanes, M.H., Messham, R.L., Smith, T.J. K-band circulators on semiconductor wafers 83307
Adam, K., Beckers, T. HSM 10 E three-phase-regulated level crossing barrier drive 91894
Adam, M. *see* Hasslinger, G. 87362
Adam, M. *see* Khanh, N.Q. 94707
Adam, M.S. *see* Yang, W.Q. 110444
Adam, R. *see* Nussbaum, G.H. 69995
Adam, S. *see* Stammbach, T. 100434
Adam, T., Toth, F., Nagy, J. Position controlled linear motor drive for conveyor systems 103115
Adam, W., Albrecht, E., Allen, D., Andrieux, M.-L., van Apeldoorn, G., Aubret, C., Augustinus, A., Baillon, P., Battaglia, M., Bloch, D., Botner, O., Bourdarios, C., Brunet, J.M., Buys, A., Carrie, P., Cavalli, P., Cerutti, G., Chevry, M., Christophel, E., Dahl-Jensen, E., Damgaard, G., Dimitriou, N., D'Almagne, B., Davenport, M., Delbecque, F., Dolbeau, J., Dracos, M., Dris, M., Ekeloef, T., Engel, J.P., Fassouliotis, D., Filippas, T.A., Fokitis, E., Fontanelli, F., Fontenille, A., Fraissard, D., Fuerstenau, H., Garcia, J., Gazis, E.N., Gillespie, D., Gracco, V., Guglielmi, L., Hahn, F., Haider, S., Hallgren, A., Hao, W., Huet, K., Ioannou, P., Ilie, S., Jaeaeskelaeinen, S., Joram, C., Juillot, P., Karvelas, E., Katsanevas, S., Katsoufis, E., Kjaer, N., Kluit, P.M., Koene, B., Kourkoumelis, C., Lecoeur, G., Lenzen, G., Lindqvist, L.E., Lopez Aguera, A., Loukas, D., Maltezos, S., Markou, A., Medbo, J., Michalowski, J., Montano, F., Mourgue, G., Nielsen, B.S., Nicolaidou, R., Papadopoulou, T.D., Petrolini, A., Poutot, D., Polok, G., Rahmani, H., Reale, M., Resvanis, L.K., Sajot, G., Sannino, M., Schyns, E., Squarcia, S., Stassi, P., Strub, R., Thadome, J., Theodosiou, G.E., Tobar, M.J., Toet, D.Z., Traspedini, L., Tripodi, G., Tristram, G., Tsirou, A., Ullaland, O., Zevgolatakos, E. Current achievements of the DELPHI ring imaging Cherenkov detector 69709
Adam, W., Baillon, P., Battaglia, M., Bourdarios, C., Dracos, M., Hahn, F., Haider, S., Kluit, P.M. Particle identification algorithms for the DELPHI RICH detector 69735
Adam, W., Botner, O., Buys, A., Dahl-Jensen, E., Haider, S., Hao, W., Kjaer, N., Medbo, J., Nielsen, B.S. Alignment and Cherenkov angle resolution of the DELPHI RICH 69732
Adam, W., Kruger, J., Linnemann, H., Menevidis, Z. Multimedia remote diagnosis system 118639
Adam, W., Suwalski, I., Kruger, J. Tool monitoring with the neuro fuzzy method 79249
Adam, Z. *see* Dickson, A.E. 102207
Adamcik, I. *see* Maly, L. 106133
Adamczewska, J. *see* Katcki, J. 113377
Adamczewski, J. *see* Stephan, A. 100765
Adamedes, Z., Terjesen, T. Advanced silver-zinc battery development 112231
Adamenkov, A.A., Vyskubenko, B.A., Gerasimenko, N.N., Eroshenko, V.A., Deryugin, Yu.N., Zelensky, D.K., Ilyin, S.P., Krukovsky, I.M., Kudryashov, E.A. High pressure COIL problem 116321
Adami, O. *see* Daffara, F. 88287
Adamietz, F. *see* Bousquet, B. 76209
Adamietz, F. *see* Cardinal, T. 96732
Adamietz, F. *see* Segonds, P. 79741
Adamopoulos, P.G. *see* Hu, Z. 93469
Adamovskaya, I.A. *see* Moskalenko, K.L. 69946
Adamowicz, R. *see* Jezewski, J. 110666
Adamowski, J.C., Buiochi, F., Sigelmann, R.A. Ultrasonic measurement of density of liquids flowing in tubes 119896
Adams, A. *see* Vamplew, P. 66966
Adams, A.E., Lawlor, M.A., Riyait, V.S., Hinton, O.R., Sharif, B.S. Real-time synthetic aperture sonar processing system 90732
Adams, A.R., Pollard, R.D., Snowden, C.M. Method of moments and time domain analyses of waveguide-based hybrid multiple device oscillators 93867
Adams, A.R., Pollard, R.D., Snowden, C.M. Multiple oscillator waveguide power combining 114220
Adams, A.R. *see* Meney, A.T. 75966
Adams, A.R. *see* Silver, M. 96359
Adams, B.J. *see* Phillips, M.E. 102310
Adams, B.L. *see* Field, D.P. 94849
Adams, B.M. *see* Pappanastos, E.A. 82309
Adams, D., Bird, F., Coupal, D., Corden, M.J., Xiao, D., Estabrooks, P., Ford, W.T., Hamatsu, R., Kondoh, K., Hanson, G., Luehring, F., Hubbard, B., Lockman, W.S., O'Shaughnessy, K., Lee, A.M., Zou, B., Palounek, A., Ziock, H., Trilling, G. Simulation studies of tracking systems at very high luminosity 69840
Adams, D. *see* Hetherington, H.P. 101301
Adams, D. *see* Ward, C. 97132
Adams, D.G., Fitzgerald, D.S., Ortiz, S. An annunciator architecture for the year 2000 119667
Adams, D.J. *see* Young, R.W., Sr. 71806
Adams, D.M., Cassidy, D.T., Bruce, D.M. Scanning photoluminescence technique to determine the phase of the grating at the facets of gain-coupled DFB's 76006
Adams, D.M., Cassidy, D.T., Bruce, D.M. Scanning photoluminescence technique to determine the phase of the grating at the facets of gain-coupled DFBs 116533
Adams, D.M., Makino, T., Champagne, A., Maciejko, R. Yield enhancement due to carrier-injection behavior in truncated-well gain-coupled DFBs 116528
Adams, D.M. *see* Putz, N. 96067
Adams, D.P., Mayer, T.M., Swartzentruber, B.S. Nanometer-scale lithography on Si(001) using adsorbed H as an atomic layer resist 84255
Adams, E. *see* Andry, P.S. 82642
Adams, E. *see* Varhue, W.J. 82619
Adams, E.D. *see* Lavoie, M.A. 94648
Adams, E.L. *see* Qiao Shengzhong 69817
Adams, G. *see* Ren-Young Liu 80704
Adams, G.F., Ausherman, D.A., Crippen, S.L., Sos, G.T., Williams, B.P., Heidelbach, R. The ERIM interferometric SAR: IFSARE 111419
Adams, H.W., Haker, W. Generic Management System. A metastructure for management systems 103372
Adams, H.W., Helm, A. Emergency management made easy 112834
Adams, J.A. *see* Welsby, K. 67724
Adams, J.H., Jr., Beliaev, A.A., Kuznetsov, N.V., Nymmik, R.A., Smith, E.C. Occurrence frequency of single event upsets induced on geosynchronous orbit: model calculations and TDRS-1 experience 120616
Adams, J.W. *see* Sullivan, J.L. 66708
Adams, K.M. *see* Xie, H.A. 68987
Adams, L., Nickson, R., Kelleher, A., Millward, D.G., Strobel, D.J., Czajkowski, D. A dosimetric evaluation of the RADPAK using mono-energetic electrons and protons 72308
Adams, L., Nickson, R., Kelleher, A., Millward, D.G., Strobel, D.J., Czajkowski, D. A dosimetric evaluation of the RADPAK™ using mono-energetic electrons and protons 103467
Adams, L. *see* Hajdas, W. 100754
Adams, L. *see* Holmes-Siedle, A. 106220
Adams, L. *see* Kelleher, A. 90645
Adams, L. *see* Kelleher, A. 110603
Adams, L. *see* O'Connell, B. 80021
Adams, L. *see* O'Connell, B. 110606
Adams, L.E. *see* Barry, R.A. 77948
Adams, L.R. *see* Orrey, D.A. 67709
Adams, M., Amos, N., Averill, D.A., Baringer, P., Bross, A., Chung, M., Hsieh, F., Li, H., Lincoln, D., Margulies, S., Neal, H., Neis, E., Oesch, L., Qian, J., Rijssenbeek, M. A new detector technique using triangular scintillating strips to measure the position of minimum ionizing particles 110591
Adams, M. *see* Chung, M. 80031
Adams, M.D., Probert, P.J. The interpretation of phase and intensity data from AMCW light detection sensors for reliable ranging 119670
Adams, M.J. *see* Kennedy, G.T. 116524
Adams, O. *see* Chowdhury, R. 92278
Adams, P.N. *see* Halliday, D.P. 94317
Adams, R. *see* Goldsmith, B.J. 109895
Adams, R. *see* Kwan, T. 73482
Adams, R.A. *see* Taylor, R.A. 74381
Adams, R.J., Perger, W.F., Rose, W.I., Kostinski, A. Measurements of the complex dielectric constant of volcanic ash from 4 to 19 GHz 80602
Adams, R.W., Novich, B.E., Fennessy, K.P. Concurrent integration of Al/SiC MMIC packages 82216
Adams, S. *see* Hilleringmam, U. 69066
Adams, S.G., Bertsch, F., MacDonald, N.C. Independent tuning of the linear and nonlinear stiffness coefficients of a micromechanical device 74887
Adams, S.M. *see* Chang, E.K. 94083
Adams, T. Acoustic inspection of incoming IC packages 82313
Adams, T.E. *see* Ziger, D.H. 115086
Adams, T.G. *see* Pavelchek, E.K. 105817
Adams, T.G. *see* Sinta, R. 105777
Adams, W. *see* Meliopoulos, A.P.S. 111651
Adams, W.J. A seventh-order g_m-C filter with bicubic section for pulse slimming 73548
Adams, W.J. *see* Mengel, S.A. 112756
Adams, W.P., Johnson, T.A. Improved linear programming-based lower bounds for the quadratic assignment problem 92569
Adams, W.S. *see* Jamoussi, B.N. 109026
Adams, W.W. *see* Bunning, T.J. 96802
Adams, W.W. *see* Bunning, T.J. 96808
Adams, W.W. *see* Domash, L.H. 96837
Adams, W.W. *see* Sutherland, R.L. 96834
Adams-Melvin, B.L., McGregor, D.R., Dietz, K.H. Effects of copper foil type and surface preparation on fine line image transfer in primary imaging of PWBs 94098
Adamsbaum, C. *see* Geraud, T. 101242
Adamski, J. *see* Hayward, T.D. 79878
Adamski, J.L., Dowell, D.H., Hayward, T.D., Parazzoli, C.G., Vetter, A.M. A kilowatt class visible free electron laser facility 76062
Adamski, J.L., Dowell, D.H., Hayward, T.D., Parazzoli, C.G., Vetter, A.M. Proposed visible FEL facility at Boeing 96528
Adamski, J.L. *see* Dowell, D.H. 96492
Adamski, M.A., Monteiro, J.L. PLD implementation of logic controllers 61729
Adamson, K., Keating, J.N. DIME–Distributed Interactive Medical Environment 80429
Adamson, K. *see* Keating, J.G. 77521
Adamson-Macedo, C. PC's, the bandwidth revolution and engineering curricula 72130
Adan, I., Resing, J. Simple analysis of a fluid queue driven by an M/M/1 queue 72433
Adan, I.J.B.F., van de Waarsenburg, W.A., Wessels, J. Analyzing $E_k|E_r|c$ queues 72437
Adanski, B. *see* Maruna, V. 98628
Adanyi, N. *see* Szabo, E.E. 110245
Adapa, R. *see* Kagalwala, R. 111590
Adapa, R. *see* Kumar, A.B.R. 101882
Adapa, R. *see* Zuwei Yu 101920
Adar, A. *see* Maoz, B. 99199
Adar, D., Rahav, G., Ben-Yaakov, S. Behavioural average model of SEPIC converters with coupled inductors 102877
Adar, D. *see* Ben-Yaakov, S. 121711
Adar, D. *see* Madjar, A. 73649
Adas, A. Supporting real time VBR video using dynamic reservation based on linear prediction 87363
Aday, J. *see* Tessier, T.G. 94108
Adcock, J.E. *see* Brandstein, M.S. 80691
Adcock, P.L. *see* Foster, S.E. 112311
Adcock, P.L. *see* Potter, M.J. 112313
Adcock, T. The use of the integrated DSP in advanced hard disk drives 75272
Adde, F.H. *see* Aniel, F. 63761
Adde, R. *see* Aniel, F. 95046
Adde, R. *see* Lepaul, S. 84476
Adde, R. *see* Sylvestre, A. 84469
Adde, R. *see* Sylvestre, A. 84477
Addie, R.G., Platt, D., Zukerman, M. Performance of a P_i persistent protocol subject to correlated Gaussian traffic 87438
Addiego, G. *see* Sawkar, S.S. 89437
Addington, J.S., Moore, D., Elshabini-Riad, A. Hybrid integrated optoelectronic package for fiber optic receivers and transmitters 85323
Addis, F.W. *see* Olsen, L.C. 112400
Addison, C., Appiani, E., Cook, R., Corvi, M., Harms, J., Howard, G., Stephens, B. PULSAR: parallel noise despeckling of SAR images 87249
Addison, R. *see* Seabury, C.W. 106467
Addleman, R.S. *see* Keele, B.D. 80060
Addleman, R.S. *see* Keele, B.D. 101037
Addonizio, M.L., Loreti, S., Agati, A., Pellegrino, M., Quercia, L., Jayaraj, M.K., Parretta, A. Growth of thin chalcopyrite $CuInSe_2$ films by the close spaced vapour transport process 61431
Adduci, F. *see* Crippa, C. 109505
Ade, F. *see* Yli-Jaaski, A. 67406
Ade, P.A.R. *see* Holland, W.S. 79101
Ade, R. *see* Gamelin, J. 88652
Ade, R.W. *see* Jackel, J.L. 78891
Ade, R.W. *see* Kissa, K.M. 85239
Ade, R.W. *see* Leonberger, F.J. 64996
Adegboyega, G.A., Passari, L., Butturri, M.A., Susi, E. The effects of oxygen precipitates on the electrical properties of silver impurities in p-type silicon 105127
Adel Metaweh, M. Sensitivity analysis for the availability with spares in electric power systems 101742
Adeleine, P. *see* Grimaud, J. 101274
Adelerhof, D.J. *see* van Duuren, M.J. 69029
Adelerhof, D.J. *see* van Duuren, M.J. 115947
Adelseck, B. *see* Berg, M. 93937
Adeniyi, J.O. Equatorial F_1 characteristics and the international reference ionosphere model 97135
Adenwalla, S. *see* Fullerton, E.E. 64350
Aderholz, M. *see* Braunschweig, W. 120173
Adesida, I. *see* Amersfoort, M.R. 75660
Adesida, I. *see* Arafa, M. 63780
Adesida, I. *see* Arafa, M. 106069
Adesida, I. *see* Fay, P. 68450
Adesida, I. *see* Fay, P. 78807
Adesida, I. *see* Mahajan, A. 63793
Adesida, I. *see* Panepucci, R. 82595
Adesida, I. *see* Ping, A.T. 74458
Adesida, I. *see* Ping, A.T. 74569
Adesida, I. *see* Schmitz, A.C. 105451
Adesida, I. *see* Schmitz, A.C. 114805
Adesida, I. *see* Soole, J.B.D. 106926
Adesida, I. *see* Soole, J.B.D. 106928
Adesida, I. *see* Wohlmuth, W.A. 85081
Adesida, I. *see* Wohlmutt, A. 100042
Adesida, I. *see* Xiang, A. 69182
Adeyeye, A.O., Bland, J.A.C., Daboo, C., Jaeyong Lee, Ebels, U., Ahmed, H. Size dependence of the magnetoresistance in submicron FeNi wires 75116
Adgaonkar, C.S. *see* Gour, M.J. 82108
Adhami, R. Video compression technique using wavelet transform 86720
Adhami, R. *see* Rutherford, K. 97657
Adhami, R.R. *see* Hamidi, S.M. 98123
Adhami, R.R. *see* Hamidi, S.M. 98125
Adhami, R.R. *see* Quirk, P.J. 118283
Adhavenprakash, K. *see* Krishnamurthy, E. 120319

Adhikari, N., El Nokali, M. Investigation of the importance of high-level injection in abrupt HBTs 74699
Adhikari, T., Basu, S. Electrical characterisation of gallium manganese antimonide–a new III-V semimagnetic semiconductor 105231
Adhikari, T. *see* Singhal, A. 111579
Adib, A. *see* Aboutajdine, D. 97782
Adibi, M.M., Milanicz, D.P., Volkmann, T.L. Simulating transformer taps for remote cranking operations 91343
Adibi, M.M., Milanicz, D.P., Volkmann, T.L. Remote cranking of steam electric stations 101939
Adinolfi, A. *see* Lepore, M. 74362
Adinolfi, A. *see* Netti, M.C. 105346
Adiono, T., Rasyid, R., Indrajit, P.E., Mengko, T.R. Binary template matching solution to path planning problem 86874
Adiono, T. *see* Rasyid, R. 87114
Adiseshu, H., Parulkar, G., Varghese, G. A reliable and scalable striping protocol 118124
Aditya, K., Chu, C.H., Szu, H. Fast algo-tectures for discrete wavelet transform 93399
Aditya, S. *see* Kumar, R.R. 65964
Aditya, S. *see* Rajesh Kumar, R. 97228
Aditya, S.-K., Chu, C.H., Szu, H.H. Application of adaptive subband coding for noisy bandlimited ECG signal processing 90537
Adj, M. *see* Awanto, C. 71925
Adjeroh, D.A. *see* Xu, Y. 109246
Adjoudani, A. *see* Guiard-Marigny, T. 97646
Adke, A. Windows: A robust EDA environment 61556
Adkins, C.A., Zhiming Huang, Wong, B.W., Walcott, B.L., Rouch, K.E. Active vibration control using an electromagnetic absorber with two degrees of freedom 97011
Adkins, C.J. *see* Chroniy, V.Z. 63124
Adkins, D.R. *see* Benson, D.A. 62530
Adler, A., Henderson, A. A room of our own: experiences from a direct office share 67909
Adler, A. *see* Dourish, P. 118534
Adler, B. *see* Weber, E. 102001
Adler, D.D. *see* Petrick, N. 120389
Adler, D.D. *see* Sahiner, B. 120292
Adler, D.D. *see* Sahiner, B. 120387
Adler, E.L., Solie, L. ZnO on diamond: SAWs and pseudo-SAWs 106440
Adler, F., Geiger, M., Bauknecht, A., Scholz, F., Schweizer, H., Pilkuhn, M.H., Ohnesorge, B., Forchel, A. Optical transitions and carrier relaxation in self-assembled InAs/GaAs quantum dots 114784
Adler, F. *see* Hofmann, R. 116467
Adler, F. *see* Jian Wang 85478
Adler, L., Xiaoping Jia, Quentin, G. Nonlinear acoustics and its impacts on nondestructive evaluation and acousto-optics 82808
Adler, L. *see* Pecorari, C. 61472
Adler, L. *see* Pecorari, C. 61473
Adler, R.F. *see* Negri, A.J. 90768
Adler, R.F. *see* Simpson, J. 120768
Adler, S. *see* Lane, J.A. 81809
Adler, T.C. *see* Taucher, W. 121848
Adly, A.A. Solution of induction heating problems involving media with hysteresis 71910
Adly, A.A., Elghazaly, H.A., Anis, H.I. A fluxmeter for frequency-based sorting of ELF magnetic fields 96917
Adly, A.A., Mahfouz, A.A., Mahgoub, O.A., Zeid, S.A. Field distribution and power loss assessment in conductive rod cores exhibiting hysteresis 115846
Adly, A.A., Mayergoyz, I.D. Magnetostriction simulation using anisotropic vector Preisach-type models 115564
Adnan Al-Alaoui, M. A class of numerical integration rules with first order derivatives 82539
Adnan Al-Alaoui, M., El Achkar, J., Hijazi, M., Zeineddine, T., Khuri, M. Application of artificial neural networks to QRS detection and LVH diagnosis 120468
Adnene, C., Ahmed, D. Optimization and management of a solar refrigeration plant using latent storage 112614
Adnet, C., Monnier, B., Puzenat, D. Air-raid analysis using range high resolution methods 70589
Adolph, C.E., Thorpe, J. Simulation, distributed simulation, and synthetic environments–future applications and challenges 120602
Adolphsen, C., Assmann, R., Decker, F.J., Emma, P., Frisch, J., Hendrickson, L.J., Krejcik, P., Minty, M., Phinney, N., Raimondi, P., Ross, M.C., Slaton, T., Spence, W., Stege, R., Tang, H., Tian, F., Turner, J., Woodley, M., Zimmermann, F. Pulse to pulse stability issues in the SLC 89648
Adolphsen, C., Bane, K.L.F., Kubo, K., Raubenheimer, T., Ruth, R.D., Thompson, K.A., Zimmermann, F. Emittance and energy control in the NLC main linacs 89854
Adolphsen, C., Slaton, T. Beam trajectory jitter in the SLC linac 89869
Adolphsen, C. *see* Bane, K.L.F. 89868
Adolphsen, C. *see* Hendrickson, L. 100556
Adolphsen, C. *see* Kubot, K. 89980
Adolphsen, C. *see* Minty, M.G. 89653
Adolphsen, C. *see* Raubenheimer, T. 89588
Adolphsen, C. *see* Turner, J.L. 89654
Adolphsen, J., Barth, J.L., Stassinopoulos, E.G., Gruner, T., Wennersten, M., LaBel, K.A., Seidleck, C.M. SEE data from the APEX Cosmic Ray Upset experiment: predicting the performance of commercial devices in space 73391
Adolphsen, J., Barth, J.L., Stassinopoulos, E.G., Gruner, T., Wennersten, M., LaBel, K.A., Seidleck, C.M. SEE data from the APEX Cosmic Ray Upset Experiment: predicting the performance of commercial devices in space 111029
Adolski, W. Alcatel Digicom 7 system: an offer for PMR market requirements 109378
Adomaitis, R.A. *see* Zafiriou, E. 63207
Adomian, G. Coupled Maxwell equations for electromagnetic scattering 85846
Adorf, H.-M. On the combination of undersampled multiframes 77092
Adorni, G., Destri, G., Mordonini, M., Zanichelli, F. Robot self-localization by means of vision 117794
Adoul, J.-P. *see* Kataoka, A. 68294
Adoul, J.-P. *see* Minjie Xie 66592
Adriaenssens, G.J., Gheorghiu, A., Senemaud, C., Qamhieh, N., Bolle, N., Sleeckx, E., Nagels, P. Comparison between electrical properties and electronic structure of variously-prepared germanium selenide films 94414
Adriaenssens, G.J. *see* Baranovskii, S.D. 94385
Adriaenssens, G.J. *see* Eliat, A. 94573
Adrian, B. *see* Goia, D. 93960
Adrian, H. *see* Frey, U. 95441
Adriance, J. *see* Shih, W. 83592
Adriance, J.H. *see* Chung, C.-W. 73877
Adriance, J.H. *see* Venkateswaran, S. 94077
Adriani, A. *see* Viterbini, M. 106968
Adriansens, W. *see* Vermeiren, P. 91715
Adriany, G. *see* Seong-Gi Kim 90383
Adu, B., Otten, L. Modeling microwave heating characteristics of granular hygroscopic solids 71902
Adu, B., Otten, L. Effect of polarization on the heat of desorption of water in dielectrics 71903
Adurodija, F.O., Carter, M.J., Hill, R. Synthesis and characterization of $CuInSe_2$ thin films from Cu, In and Se stacked layers using a closed graphite box 94439
Advani, R. *see* Nam Ling 77459
Advani, R. *see* Nam Ling 86760
Advani, R.N., Kreischer, K.E., Temkin, R.J. Analysis or ferroelectric emission using initial energy effects 105000
Advani, R.N. *see* Visosky, M.M. 105001
Adve, R. *see* Narayana, S.M. 113068
Adve, R. *see* Sarkar, T.K. 96880
Adve, R.S., Sarkar, T.K., Rao, S.M. Generation of broadband data from narrowband information 97075
Adve, R.S., Sarkar, T.K., Rao, S.M., Miller, E.K. The principle of analytic continuation—how to use it? 82531
Adve, R.S. *see* Narayana, S.M. 86292
Adve, R.S. *see* Sarkar, T.K. 83311
Advocate, W.H. *see* Patel, R.S. 94871
Adzanu, S. *see* Billinton, R. 70767
Adzanu, S. *see* Billinton, R. 80783
Adzic, G. *see* Mukerjee, S. 71643
Adzic, G.D., Johnson, J.R., Reilly, J.J., McBreen, J., Mukerjee, S., Kumar, M.P.S., Zhang, W., Srinivasan, S. Composition and cycle life of multicomponent AB_5 hydride electrodes 71642
Adzic, G.D. *see* Kumar, M.P.S. 71651
Adzic, R. *see* Kanamura, K. 121874
Ae Park Jong *see* Jong Ae Park
Aeberhard, M. *see* Meyer, M. 122043
Aebi, V.W. *see* Williams, G.M., Jr. 79525
Aebischer, D. *see* Von Kaenel, V. 73422
Aegerter, M.A. *see* Catunda, T. 106745
Aerje, J. *see* Koivisto, H. 110540
Aers, G.C. *see* He, J.-J. 85504
Aers, G.C. *see* Roth, A.P. 114786
Aers, G.C. *see* Xu, D.-X. 74625
Aerts, A.T. *see* Wijma, S. 100993
Aerts, H. *see* Rooijams, J. 119398
Aesoon Park, Kyunghyu Lee Software architecture of broadband distribution in the optical CATV network 119456
Aeugle, T. *see* Risch, L. 105957
Aeystoe, J. *see* Lhersonneau, G. 80145
Afanasev, A.A., Drits, V.V., Rubinov, A.N., Efendiev, T.S. Kinetics of a dye laser with dynamic distributed feedback and travelling-wave pumping 65061
Afanas'ev, A.A., Tolkacheva, E.G. Theory of stationary generation of a laser with a nonlinear Bragg reflector 116580
Afanas'ev, A.I. Screening polymer insulating structures of superhigh-voltage overhead lines 70935
Afanas'ev, A.I. Use of polymer insulation for superhigh-voltage power poles 81118
Afanas'ev, A.N., Gafarov, R.M., Egorov, S.F. An automatic photomask inspection system 62471
Afanas'ev, L., Ionin, A., Klimachev, Yu., Kotkov, A., Seleznev, L., Sinitsyn, D., Kobsa, H. Frequency selected Q-switched electron-beam-controlled discharge CO laser 107071
Afanas'ev, L., Ionin, A., Kotkov, A., Seleznez, L., Galushkin, M., Mitin, K. Degenerate four-wave mixing and phase conjugation of pulsed CO_2 laser radiation on transient gratings inside its own inverted medium 107530
Afanas'ev, N.B. *see* Kuznetsova, R.T. 116394
Afanas'ev, N.B. *see* Kuznetsova, R.T. 116395
Afanas'ev, S.V. Multisegment $4\ m^2$ area scintillation counter 100903
Afanas'ev, V.N., Uvarov, E.F. Dynamics of variation of the forward voltage drop on pin diodes during pulsed neutron irradiation 63567
Afanas'ev, V.P., Bogachev, S.V., Zaitseva, N.V., Kaptelov, E.Yu., Kramar, G.P., Petrov, A.A., Pronin, I.P. Influence of the production conditions of thin-film structures of the type insulating substrate-platinum-lead zirconate-titanate on the structure, composition, and properties of lead zirconate-titanate films 95266
Afanas'ev, V.V., Stesmans, A. Hole traps in oxide layers thermally grown on SiC 114834
Afanas'ev, V.V. *see* Pensl, G. 105224
Afanasev, V.V. *see* Stesmans, A. 105541
Afanas'ev, V.V. *see* Zetterling, C.-M. 105710
Afanasiady, L.S. *see* Neyra Bueno, O.L. 116391
Afanasiady, L.S. *see* Neyra Bueno, O.L. 116396
Afanasiev, O. *see* Andriischin, A. 100413
Afanasjev, V.V. Soliton polarization self-orientation 76137
Afanasjev, V.V., Akhmediev, N., Soto-Crespo, J.M., Town, G.E. Dual-frequency pulses in fiber lasers 107154
Afanasjev, V.V., Akhmediev, N.N. Soliton interaction in fiber lasers 76193
Afanasjev, V.V., Akhmediev, N.N., Soto-Crespo, J.M. Dual-frequency pulses in fiber lasers 75841
Afanasjev, V.V. *see* Kivshar, Y.S. 76136
Afanasjev, V.V. *see* Kivshar, Y.S. 96660
Afanasjev, V.V. *see* Micallef, R.W. 76140
Afanasjev, V.V. *see* Pelinovsky, D.E. 107587
Afanasjev, V.V. *see* Soto-Crespo, J.M. 96588
Afanasjev, V.V. *see* Soto-Crespo, J.M. 107159
Afanasyev, S. *see* Borenstain, S.I. 79421
Afandi, A., Al-Shaoosh, M. An improved version of binary planar combiner/divider 114240
Afef, K. *see* Laure-Line, R. 64278
Afek, Y., Awerbuch, B., Plotkin, S., Saks, M. Local management of a global resource in a communication network 87683
Afek, Y., Cohen, M., Haalman, E., Mansour, Y. Dynamic bandwidth allocation policies 87459
Afek, Y., Mansour, Y., Ostfeld, Z. Phantom: a simple and effective flow control scheme 118147
Affandi, A.M., Rushdi, A.M. An accurate six-port microstrip reflectometer 93750
Affane, W., Gibbs, M.R.J., Powell, A.L. Performance modelling of micromachined sensor membranes coated with piezomagnetic material 79322
Affes, S., Gazor, S., Grenier, Y. A subarray manifold revealing projection for partially blind identification and beamforming 76917
Affes, S., Gazor, S., Grenier, Y. An algorithm for multisource beamforming and multitarget tracking 76980
Affes, S., Grenier, Y. Test of adaptive beamformers for speech acquisition in cars 97593
Affes, S. *see* Gazor, S. 76990
Affinito, J.D. *see* Martin, P.M. 91762
Afgan, N., Carvalho, M.G., Coelho, P. Concept of expert system for boiler fouling assessment 111760
Afgan, N.H., Carvalho, M.G. An expert system for controlling processes in a power-station boiler furnace 102456
Afif, K., Diouri, J. Surface effects on excitons in N-period CdMnTe/CdTe superlattices 83933
Afif, M., Girardeau-Montaut, J.P., Tomas, C., Romand, M., Charbonnier, M., Prakash, N.S., Perez, A., Marest, G., Frigerio, J.M. In situ surface cleaning of pure and implanted tungsten photocathodes by pulsed laser irradiation 94183
Afifi, H. *see* Elloumi, O. 87933
Afonenko, A.A., Kononenko, V.K., Manak, I.S. Regular pulsations asymmetric multiple quantum-well heterostructure laser radiator 116488
Afonin, N.N. *see* Aleksandrov, O.V. 114857
Afonso, C.A. The Internet and the community in Brazil: background, issues, and options 87830
Afonso, C.N., Ballesteros, J.M., Gonzalo, J., Righini, G.C., Pelli, S. Rare-earth doped glass waveguides prepared by pulsed laser deposition 92865
Afonso, C.N. *see* Missana, T. 83800
Afonso, C.N. *see* Missana, T. 104083
Afonso, C.N. *see* Starbov, N. 106768
Afonso, J. *see* Pinto de Sa, J. 121227
Afonso, S. *see* Chen, K.Y. 104128
Afonso, V.X., Tompkins, W.J., Mguyen, T.Q., Michler, K., Shen Luo Comparing stress ECG enhancement algorithms 70140
Afonso de Carvalho, M., Jr. *see* Campones do Brasil, D.O. 111552
Afsar, M.N., Hua Chi Direct measurement of complex dielectric permittivity and magnetic permeability at millimeter waves 69484
Afsar, M.N., Hua Chi Window materials for high power gyrotron 74061
Afshar, A.M. *see* Fisher, T.A. 65309
Afsharnia, S., Meibody-Tabar, F., Gudefin, E.J., Sargos, F.M. Field oriented control of permanent magnet synchronous machine with nonsinusoidal distribution of m.m.f: minimization of the torque pulsations 91493
Afzal, R.S. *see* Dallas, J.L. 107456
Aga, H. *see* Hayashi, N. 118332
Aga, K. *see* Abe, T. 63162
Agabio, P., Biglieri, E. Bounds on the weight hierarchy of generalized concatenated codes 97572

Agafonov, A.V., Lebedev, A.N., Voronin, V.S. Spatial-temporal hysteresis effects in an intense electron beam 83719
Agahi, F., Baliga, A., Lau, K.M., Anderson, N.G. Tensile-strained barrier GaAsP/GaAs single quantum-well lasers 75986
Agahi, F. *see* Kash, J.A. 65394
Agahi, F. *see* Pezeskhi, B. 116529
Agahi, F. *see* Sandstrom, R.L. 114941
Agaian, S. *see* Egiazarian, K. 66982
Agaian, S.S. *see* Grigorian, A.M. 77356
Agakichiev, G., Drees, A., Glaessel, P., Irmscher, D., Ososkov, G.A., Panebrattsev, Y., Pfeiffer, A., Specht, H.J., Steiner, V., Tserruya, I., Ullrich, T. Cherenkov ring fitting techniques for the CERES RICH detectors 69736
Agakichiev, G. *see* Faschingbauer, U. 110557
Agalakov, V.P. *see* Keilin, V.E. 103042
Agan, M.J., Nakamura, D.I., Campbell, A.D., Sternowski, R.H., Whiting, W.A., Shameson, L. ACTS aeronautical experiments 109584
Agan, M.J. *see* Abbe, B.S. 109580
Agan, M.J. *see* Jedrey, T.C. 109581
Agapie, A., Dediu, H. GA for deceptive problems: inverting schemata by a statistical approach 92553
Agapito, J.A. *see* Getino, J. 119770
Agapov, N.N., Khodzhibagiyan, H.G., Kuznetsov, G.L. Calculated analysis of cooling down the superconducting magnetic system for the Nuclotron 95597
Agapov, N.N. *see* Baldin, A.M. 90061
Agarcic, G. *see* Wegrowe, J.-G. 76559
Agarossi, L., Deidda, L., Migliorati, P. High bit-rate digital optical recording 68877
Agarwal, A. Low capacity radio systems [telephony] 67700
Agarwal, A. Wireless in local loop 118662
Agarwal, A., Atwood, J.W. A unified approach to fault-tolerance in communication protocols based on recovery procedures 118154
Agarwal, A., Hussein, K., Gupta, A., Wang, P.S.P. Detection of courtesy amount block on bank checks 108715
Agarwal, A., Lakshminarayana, D. Characterization and electrical resistivity anisotropy of layered tin monoselenide semiconducting crystals 103823
Agarwal, A., Srinivas Manohar, C., Pujari, A.K. Identification of lanes and bands in DNA autoradiogram images 110780
Agarwal, A. *see* Negi, A. 87124
Agarwal, A. *see* Yeung, D. 77939
Agarwal, A.K., Gupta, P.K., Lal, K. Determination of boron in high purity silicon in PPB range using inductivity coupled plasma optical emission spectrometric method 105597
Agarwal, A.K., Siergiej, R.R., Seshadri, S., White, M.H., McMullin, P.G., Burk, A.A., Rowland, L.B., Brandt, C.D., Hopkins, R.H. A critical look at the performance advantages and limitations of 4H-SiC power UMOSFET structures 105997
Agarwal, A.K. *see* Brandt, C.D. 104054
Agarwal, A.K. *see* Burk, A.A., Jr. 104038
Agarwal, A.K. *see* Casady, J.B. 84367
Agarwal, A.K. *see* Casady, J.B. 106042
Agarwal, A.K. *see* Morse, A.W. 83380
Agarwal, A.K. *see* Siergiej, R.R. 63954
Agarwal, A.K. *see* Siergiej, R.R. 106040
Agarwal, A.K. *see* Sinharoy, S. 82609
Agarwal, A.K. *see* Weaver, J.T. 111149
Agarwal, A.M. *see* Dunham, S.T. 63886
Agarwal, B. *see* Bhattacharya, U. 84349
Agarwal, D. *see* Lal, K.B. 99255
Agarwal, D.A. *see* Moser, L.E. 67726
Agarwal, G. *see* Sijercic, Z. 117427
Agarwal, K. *see* Hoole, S.R.H. 107717
Agarwal, M.S., El-Refai, F.E., Hariharan, M.V. Computer studies of high-voltage motor switching transients 81439
Agarwal, M.S. *see* Choudhary, P. 96098
Agarwal, M.S. *see* El-Refai, F.E. 81388
Agarwal, M.S. *see* El-Refai, F.E. 111882
Agarwal, N., Son, S.H. A model for specification and synchronization of data for distributed multimedia applications 118605
Agarwal, N.K. Impact of MIL-STD-461D on aerospace equipments 80743
Agarwal, P., Tripathi, S.K., Kumar, S., Agarwal, S.C. Effect of light soaking on fast quenched a-Si:H thin films 105204
Agarwal, P. *see* Ravikumar, C.P. 93299
Agarwal, P.C. *see* Agarwal, R.N. 107404
Agarwal, P.K., Sen, S. Selection in monotone matrices and computing kth nearest neighbors 61009
Agarwal, R., Plotkin, E.I., Swamy, M.N.S. Recursive implementation of statistically-optimal null filters 114133
Agarwal, R.N., Ghanshyam, Tripathi, V.K., Agarwal, P.C. Plasma-aided radiation guiding in a free-electron laser 107404
Agarwal, R.P. *see* Ruibin Qu 72694
Agarwal, R.P. *see* Wong, P.J.Y. 103782
Agarwal, R.P. *see* Wong, P.J.Y. 113243
Agarwal, S. *see* Chekanov, A.S. 115745
Agarwal, S. *see* Weber, E. 102001
Agarwal, S.C. Physics of instabilities in hydrogenated amorphous silicon based devices 105203
Agarwal, S.C. Heterogeneities in hydrogenated amorphous silicon 114653
Agarwal, S.C. *see* Agarwal, P. 105204
Agarwal, S.C. *see* Malhotra, M. 82710
Agarwal, S.H. *see* Khaparde, S.A. 111666
Agarwal, S.K. *see* Pal, R. 104004
Agarwal, S.K. *see* Tyagi, R. 106951
Agarwal, V., Bhat, A.K.S. Dynamic analysis of the fixed-frequency PWM LCC-type parallel resonant converter using discrete time domain modeling 121596
Agarwal, V. *see* Mathur, P.C. 105130
Agarwala, B. *see* Datta, M. 60636
Agarwala, R., Fernandez-Baca, D. Simple algorithms for perfect phylogeny and triangulating colored graphs 82435
Agasaveeran, S., Qiang Li Distributed job scheduling in SCI local-area multiprocessors 109109
Agashe, P., Woerner, B. Interference cancellation for a multicellular CDMA environment 109446
Agashe, P., Woerner, B.D. Analysis of interference cancellation for a multicellular CDMA environment 88364
Agasi, E., Hao, W., Oesterberg, K., Petrolini, A. Charged kaon identification with the RICH in τ decays 69729
Agassi, D. *see* Tompa, G.S. 92690
Agate, C.S., Iltis, R.A. Image tracking using a scale function-based nonlinear estimation algorithm 108653
Agathoklis, P. *see* Holford, S. 117310
Agathoklis, P. *see* Kanellakis, A. 117326
Agathoklis, P. *see* Netto, S.L. 73567
Agathoklis, P. *see* Netto, S.L. 97691
Agati, A. *see* Addonizio, M.L. 61431
Agati, P. *see* Mumolo, E. 86208
Agatsuma, K., Tateishi, H., Arai, K., Saitoh, T., Nakagawa, M. Nb3Sn thin films made by RF magnetron sputtering process with a reacted Nb3Sn powder target 95429
Agatsuma, K. *see* Arai, K. 95430
Agatsuma, S. *see* Watanabe, T. 83186
Agazzani, A. *see* Bisio, G. 91358
Agboraw, E. *see* Turner, C.W. 117103
Agbossou, A., Rasoanarivo, I., Davat, B. A comparative study of high power IGBT model behaviour .in voltage source inverter 121928
Agee, F.J. *see* Spencer, T.A. 105062
Ageev, S.A. Transputer implementation of an adaptive algorithm of signal detection on a sequence of images 67184
Ageichik, A.A., Dimakov, S.A., Kotyaev, O.G., Leshchev, A.A., Resunkov, Y.A., Safronov, A.L., Sherstobitov, V.E., Stepanov, V.V. The use of dynamic holography technique for correction of aberrations in telescopes 116761
Ageichik, A.A., Kotyaev, O.G., Leshchev, A.A., Rezunkov, Y.A., Safronov, A.L., Stepanov, V.V., Vasilev, M.V., Vetediktov, V.Y. Experimental study on phase conjugation correction of distortions, imposed by telescope elements 116340
Ageichik, A.A., Kotyayev, O.G., Rezunkov, Y.A., Safronov, A.L., Stepanov, V.V. Self-phase conjugation of middle infrared radiation by four-wave mixing in active medium of CO_2-laser with feedback loop 116337
Agelet, F.A., Fontan, F.P., Formella, A. Fast ray tracing for microcellular and indoor environments 97143
Agelidis, V.G. A low-distortion multilevel pulse-width modulated inverter topology 71478
Agelidis, V.G., Ziogas, P.D., Joos, G. "Dead-band" PWM switching patterns 81566
Agelidis, V.G. *see* Katan, R.E. 111845
Agelis, G.De *see* De Agelis, G.
Ager, J.W., III *see* Ruvimov, S. 94338
Ager, R. *see* Rimai, L. 104039
Agethen, M. *see* Renter, R. 104841
Agethen, M. *see* Reuter, R. 93795
Ageyeva, Ye.V., Ershevitch, V.V. Electrical power production and export in the world 101821
Aggarawal, R.K. *see* Joorabian, M. 102139
Aggarwal, A., Kleinberg, J., Williamson, D.P. Node-disjoint paths on the mesh and a new trade-off in VLSI layout 95162
Aggarwal, A.K. *see* Acharya, Y.B. 69382
Aggarwal, A.K. *see* Bhatt, H.S. 98332
Aggarwal, C., Wolf, J., Yu, P.S. On optimal piggyback merging policies for video-on-demand systems 78167
Aggarwal, C.C., Wolf, J.L., Yu, P.S. A permutation-based pyramid broadcasting scheme for video-on-demand systems 99749
Aggarwal, C.C., Wolf, J.L., Yu, P.S. On optimal batching policies for video-on-demand storage servers 99788
Aggarwal, I.D. *see* Sanghera, A.S. 75500
Aggarwal, I.D. *see* Sanghera, J.S. 64713
Aggarwal, I.D. *see* Sanghera, J.S. 84935
Aggarwal, J.D. *see* Busse, L.E. 106787
Aggarwal, J.K. *see* Nair, D. 70583
Aggarwal, J.K. *see* Sabata, B. 67025
Aggarwal, J.K. *see* Wen-Hung Liao 90387
Aggarwal, K.K., Kumar, S. An efficient computer approach for capacity determination in computer networks 67855
Aggarwal, M.M., Badyal, S.K., Bhalla, K.B., Bhatia, V.S., Chattopadhyay, S., Das, A.C., Devanand, Dutta Majumdar, M.R., Ganti, M.S., Garcha, B.S., Ghosh, T.K., Gupta, S.K., Gutbrod, H.H., Kachroo, S., Kolb, B.W., Kumar, V., Langbein, I., Loknathan, S., Mittra, I.S., Mookerjee, S., Nayak, S.K., Purschke, M.L., Raniwala, S., Rao, M.N., Rao, N.K., Sambyal, S.S., Schmidt, H.R., Sinha, B.C., Trivedi, M.D., Viyogi, Y.P. A preshower photon multiplicity detector for the WA93 experiment 69839
Aggarwal, R. *see* Bo, Z.Q. 112033
Aggarwal, R. *see* Moore, P.J. 111661
Aggarwal, R.K., Johns, A.T., Bo, Z.Q. Nonunit protection technique for EHV transmission systems based on fault-generated noise. Part 3: Engineering and HV laboratory testing 70976
Aggarwal, R.K., Johns, A.T., Goody, J., Gwyn, B. High voltage laboratory testing of a new concept in power system protection based on nonunit principles 102249
Aggarwal, R.K., Kumar, T., Kapoor, P.N. Development of 2600 kW, 11 kV, 330 rpm vertical AC motor–the largest in the country 121429
Aggarwal, R.K. *see* Aslan, Y. 91137
Aggarwal, R.K. *see* Bo, Z.Q. 102069
Aggarwal, R.K. *see* Li, H.Y. 111664
Aggarwal, R.K. *see* Moore, P.J. 102164
Aggarwal, R.K. *see* Song, Y.H. 70841
Aggarwal, R.K. *see* Song, Y.H. 102142
Aggarwal, R.K. *see* Websper, S.P. 102237
Aggarwal, R.K. *see* Xuan, Q.Y. 102143
Aggarwal, R.K. *see* Xuan, Q.Y. 121149
Aggarwal, R.K. *see* Zhang, B.H. 111659
Aggarwal, S. An enhanced macromodel for a CMOS operational amplifier for HDL implementation 93161
Aggarwal, S., Dhote, A.M., Ramesh, R., Warren, W.L., Pike, G.E., Dimos, D., Raymond, M.V., Tuttle, B.A., Evans, J.T., Jr. Hysteresis relaxation in $(Pb,La)(Zr,Ti)O_3$ thin film capacitors with $(La,Sr)CoO_3$ electrodes 115461
Aggarwal, S. *see* Suneja, S.K. 82469
Aggarwal, S.J. *see* Wen-Hung Liao 90387
Aggarwal, V. *see* Mehta, S.K. 107340
Aggelopoulos, E., Karabetsos, E., Uzunoglu, N., Constantinou, P. Microwave system for the detection of trapped human beings 60526
Aggrwal, A. *see* Sathyanarayanan, A. 80244
Aghaebrahimi, M.R., Menzies, R.W. Application of modern power electronics in power tapping from HVDC transmission systems 81021
Aghaei Nia, H., Gazalet, M., Rouvaen, J.M. Mapping with cell addressing of train transport MPEG-2 over ATM cells via AAL-5 117936
Aghajan, H.K., Kailath, T. Application of antenna array processing to problems in image understanding 87228
Aghdasi, F. Self-clocked controllers–a practical example 113642
Aghili, F., Buehler, M., Hollerbach, J.M. A new indirect adaptive control strategy for a synchronous direct drive motor 91468
Aghivami, A.H. *see* Algiannakis, C. 97109
Aghvami, A.H. *see* Brand, A.E. 78401
Aghvami, A.H. *see* Jianjun Wu 99224
Aghvami, A.H. *see* Lohner, A. 88350
Aghvami, A.H. *see* Mohebbi, B.B. 88359
Agi, I. GLU for multidimensional signal processing 108347
Agi, I., Jagannathan, R. A portable fault-tolerant parallel software MPEG-1 encoder 86594
Agi, K., Brown, E.R., Dill, C.D., McMahon, O.B., Malloy, K.J. An ultra-wideband photonic crystal 100276
Agi, K., Moreland, L.D., Schamiloglu, E., Mojahedi, M., Malloy, K.J., Brown, E.R. Photonic crystals: a new quasi-optical component for high-power microwaves 104821
Aginian, M.A. *see* Shikhliarov, K.K. 69758
Agishev, R.R. Analysis of an optical receiving system's spatial selectivity with respect to range 109808
Agius, A.A., Mahmoud, M.S., Tafazolli, R., Evans, B.G. Quadrifilar helical antennas for a handheld terminal in satellite personal communication networks (SPCN) 88175
Agizim, G. *see* Fainguelernt, J. 100268
Aglio, L. *see* Ettinger, G.J. 110704
Agnelli, S. *see* Mosca, P. 98968
Agnello, M., Bertani, N., Bianco, S., Botta, E., Bressani, T., Busso, L., Calvo, D., Camerini, P., Cattanco, C., Colonna, N., Corradini, M., Costa, S., D'Erasmo, G., Donzella, A., Fabbri, F.L., Feliciello, A., Filippi, A., Filippini, V., Fiore, E.M., Fiore, L., Gianotti, P., Gili, D.R., Grion, N., Guaraldo, C., Iazzi, F., Lanaro, A., Lee, L., Lodi Rizzini, E., Lucherini, V., Marcello, S., Marshall, G.M., Minetti, B., Montagna, P., Nozdrin, A.A., Olin, A., Pantaleo, A., Paticchio, V., Rossetto, E., Rotondi, A., Rui, R., Salvini, P., Sarwar, S., Sharma, A., Smith, G., Tessaro, S., Venturelli, L., Yen, S., Zenoni, A. Hypernuclear studies at DAΦNE. The FINUDA Collaboration 110583
Agnello, M. *see* Losasso, M. 90242
Agnello, P.D. *see* Jenkins, K.A. 63914
Agnesi, A., Dell'Acqua, S., Gobbi, P.G. All-solid-state gain-switched Cr^{4+}:forsterite laser 75892
Agnesina, E. *see* Le Hellard, D. 68691
Agnew, B. *see* Mostafavi, M. 81335
Agnew, P.W., Kellerman, A.S., Meyer, J.M. Coaching pre- and in-service educators in facilitating student-created multimedia projects 98864
Ago, J. *see* Kadota, M. 84739
Ago, J. *see* Kadota, M. 84747
Agodi, C. *see* Bellia, G. 90238
Agodi, C. *see* Bellia, G. 100996
Agogino, A.M. *see* Wood, W.H., III 118477

Agopovich, J.W. *see* Smith, E.F., III 62411
Agosteo, S., Arduini, G., Bodei, G., Monti, S., Padoani, F., Silari, M., Tinti, R., Tromba, G. Shielding calculations for a 250 MeV hospital-based proton accelerator 90649
Agosteo, S., Corrado, M.G., Silari, M., Tabarelli de Fatis, P. Shielding design for a proton medical accelerator facility 69583
Agostinelli, V.M., Jr. *see* Hasnat, K. 94956
Agostini, E. *see* Riccardi, C. 68990
Agostino, S.De *see* De Agostino, S.
Agra Amorim, A., del Carmen Lasprilla A., M., Tebaldi, M., Bolognini, N. Study of the self-images formation through incoherent register in photorefractive materials 115986
Agrama, E.E., El-Alim, O.A.A., Ezz-El-Arab, M.A. A novel error diffusion filter for digital halftoning 108590
Agranat, A.J. The emerging field of artificial neural networks and their optoelectronic implementations 64845
Agranat, A.J., Razvag, M., Balberg, M. Photorefractive hologram fixing by a 4 K cool-down to the phase transition in $K_{1-x}Li_xTa_{1-y}Nb_yO_3$ 65540
Agranat, A.J., Schwartsglass, O., Shappir, J. The charge controlled analog synapse 114169
Agranat, A.J., Silberg, M. The electroholographic neuron: a generic building block of optoelectronic neural networks 85215
Agranat, A.J. *see* Balberg, M. 116163
Agranat, A.J. *see* Schwartzglass, O. 63753
Agranov, G.A., Dakhin, A.M., Nesterov, V.K., Novoselov, S.K. Features of obtaining and processing IR images in photodetector arrays with coordinate addressing, based on lead chalcogenides 119726
Agranovich, V.M. *see* Kajzar, F. *(editor)* 103246
Agrawal, A., Clark, R., Komiak, J. T/R module architecture tradeoffs for phased array antennas 86008
Agrawal, A.P. *see* Kadakia, S.D. 112942
Agrawal, B.L. *see* Sharma, S.K. 121881
Agrawal, G.P. Phase detection in optical communication systems through phase conjugation 78646
Agrawal, G.P. Recent advances in nonlinear fiber optics 78768
Agrawal, G.P. *see* DeTienne, D.H. 96367
Agrawal, G.P. *see* Essiambre, R.-J. 119251
Agrawal, G.P. *see* Essiambre, R.J. 116056
Agrawal, G.P. *see* Marciante, J.R. 96239
Agrawal, G.P. *see* Marciante, J.R. 107271
Agrawal, G.P. *see* Radic, S. 75497
Agrawal, G.P. *see* Teixeira, A.L.J. 119156
Agrawal, J.P. Arbitrary size bitonic (ASB) sorters and their applications in broadband ATM switching 108769
Agrawal, J.P., Farook, O., Sekhar, C.R., Schurman, M.A. A high efficiency and high power factor electronic ballast using ZVS-PLR inverter 112140
Agrawal, M. *see* Sharma, G.C. 92317
Agrawal, N. *see* Jahn, E. 96072
Agrawal, N. *see* Ludwig, R. 78784
Agrawal, N. *see* Ravikumar, C.P. 61845
Agrawal, N. *see* Ravikumar, C.P. 93299
Agrawal, N.K. *see* Chaitanya Kumar, M.V. 68686
Agrawal, O.P. AMD's next generation MACH 3 and 4 family optimized for flexibility, fast speed and predictable routing delay 61754
Agrawal, P., Hyden, E., Krzyzanowski, P., Srivastava, M.B., Trotter, J. Multimedia information processing in the SWAN mobile networked computing system 87671
Agrawal, P., Mishra, P.P., Srivastava, M. Network architecture for mobile and wireless ATM 87915
Agrawal, P., Narendran, B., Shivakumar, N. Multi-way partitioning of VLSI circuits 93344
Agrawal, P., Narendran, B., Sienicki, J., Yajnik, S. An adaptive power control and coding scheme for mobile radio systems 99283
Agrawal, P. *see* Anvekar, D.K. 99093
Agrawal, P. *see* Hyden, E. 67853
Agrawal, P. *see* Sreenan, C.J. 87673
Agrawal, P. *see* Yajnik, S. 88336
Agrawal, R. *see* Pazhyannur, R. 87335
Agrawal, R.C., Kumar, R., Chandra, A. Transport studies on a new fast silver ion conducting system: $0.7[0.75AgI:0.25AgCl]:0.3\{yAg_2O:(1-y)B_2O_3]$ 71638
Agrawal, R.C., Shevgaonkar, R.K., Sahasrabudhe, S.C. A fresh look at the Hough transform 117543
Agrawal, S. *see* Pal, C. 108761
Agrawal, S.K. *see* Sadot, D. 98768
Agrawal, S.K. *see* Ting-Kuang Chiang 77944
Agrawal, V.D., Lee, D. Characteristic polynomial method for verification and test of combinational circuits 93340
Agrawal, V.D. *see* Bose, S. 61778
Agrawal, V.D. *see* Chakraborty, T.J. 93318
Agrawal, V.D. *see* Einspahr, K.L. 93304
Agrawal, V.D. *see* Gharaybeh, M.A. 93349
Agrawal, V.D. *see* Heragu, K. 93348
Agrawal, V.D. *see* Heragu, K. 104468
Agrawal, V.D. *see* Majhi, A.K. 93347
Agrawal, V.D. *see* Pappu, L. 93333
Agrawal, V.D. *see* Srinivas, M.K. 61776
Agrawal, V.D. *see* Srinivas, M.K. 73272
Agrawala, A.K. *see* Radhakrishnan, S. 118564
Agrba, D.S., Isaeva, O.M. Detection of noise signals in multichannel reception under the conditions of parametric a priori uncertainty 66623
Agrell, E. *see* Knagenhjelm, P. 76786
Agrez, D. Defining numerical value of the measured quantity by nonuniform exponential quantization of approximation error 99820
Agro, S.C. *see* Holley, W.H. 112388
Agu, M. *see* Kurokawa, K. 79749
Aguado, I. *see* Roser, M. 67902
Aguado-Bayon, L.E., Farrell, P.G. Reducing the complexity of trellises for block codes 66421
Aguayo, F., Servin, M., Rodriguez-Vera, R. The construction of a phase shifting interferometer 115441
Agueera, A.Lopez *see* Lopez Agueera, A.
Aguekian, V.F. *see* Komatsu, T. 74251
Aguera, A.Lopez *see* Lopez Aguera, A.
Agui, T. *see* Kurianski, A. 86515
Agui, T. *see* Kurianski, A. 87085
Aguiar, J.C. *see* Caldas, R.P. 102292
Aguiar, J.C. *see* Caldas, R.P. 111686
Aguiar, R., Sanchez, F., Varela, M. Single crystal laser patterning for selective $YBa_2Cu_3O_{7-x}$ growth 95449
Aguiar, R. *see* Sanchez, F. 94728
Aguilar, J.D., Almonacid, G., Marquez, J., Martinez, J.L. Electronic ballasts, with particular reference to their use with solar power generation at low voltages 122073
Aguilar, J.Diaz De *see* Diaz De Aguilar, J.
Aguilar, M., Carrascosa, M., Agullo-Lopez, F. Photorefractive effect and nonlinear susceptibilities 65528
Aguilar, M. *see* Agullo-Lopez, F. 116752
Aguilar, M. *see* Anguiano, E. 95324
Aguilar, M. *see* Nolte, D.D. 106868
Aguilar, M. *see* Sanz-Hervas, A. 106969
Aguilar, M. *see* Solymar, L. 95629
Aguilar, M. *see* Sturman, B. 107489
Aguilar, M.A. *see* Sanchez, O. 92824
Aguilera, A., Bhaskaran, S., Garcia, A., Parker, D., Wu, W., McClure, J.C., Singh, V.P. Effects of some processing parameters on ZnS:Mn ACTFEL device performance 89273
Aguilera, A., Singh, V.P., Morton, D.C. A method for measuring the electron-energy distribution at the phosphor-insulator interface in ACTFEL display devices 89407
Aguilera, A. *see* Alba, J.J. 91009
Aguilo, M. *see* Cabre, R. 75308
Aguilo, M. *see* Sole, R. 64339
Aguilo-Lopez, F. *see* Sturman, B. 107489
Aguirre, G. *see* Pasik, M.F. 97370
Aguirre, P. *see* Laurent, G. 90049
Agullo-Lopez, F., Aguilar, M., Carrascosa, M. Photorefractive thin films 116752
Agullo-Lopez, F. *see* Aguilar, M. 65528
Agullo-Lopez, F. *see* Carrascosa, M. 65578
Agullo-Lopez, F. *see* Diaz-Garcia, M.A. 76250
Agullo-Lopez, F. *see* Diaz-Garcia, M.A. 85631
Agullo-Lopez, F. *see* Diaz-Garcia, M.A. 107548
Agullo-Lopez, F. *see* Solymar, L. 95629
Agullo-Rueda, F., Grahn, H.T., Ploog, K. Wannier-Stark localization in asymmetric double-well superlattices 74366
Agus, S. *see* Kondo, H. 67100
Agus, S. *see* Kondo, H. 67462
Agusleo, H., Soparkar, N. Employing logic-enhanced memory for high-performance ATM network interfaces 109098
Agusti, R. *see* Diaz, P. 109503
Agwani, S., Miller, J. A high resolution tri-linear colour TDI CCD image sensor 100121
Agzamova, M.K. *see* Karimov, A.V. 75719
Ah Chung Tsoi *see* Lawrence, S. 86385
Ah-Shing Liu *see* Yuan-Yih Hsu 71065
Ahagon, A., Fujiwara, K., Nakata, T. Comparison of various kinds of edge elements for electromagnetic field analysis 65623
Ahalt, S.C. *see* Zhao, J. 117645
Ahamad, A. *see* Moore, R.K. 120800
Ahamed, S.V. *see* Reddy, A. 93595
Ahan Hee Sung *see* Hee Sung Ahan
Ahan Hee-Sung *see* Hee-Sung Ahan
Ahanin, B. *see* Reddy, S. 113855
Aharoni, A., Jakubovics, J.P. Field-induced magnetization structure in small isotropic spheres 115520
Aharoni, H., Ohmi, T., Shibata, T., Oka, M.M., Nakada, A., Tamai, Y. A comparative examination of ion implanted n^+p junctions annealed at 1000°C and 450°C 114689
Ahart, M. *see* Takagi, Y. 92713
Ahbe, T., Bienias, M., Hasche, K., Thiele, K. About the calibration of artefacts for the thickness of coatings using scanning force microscopy 79703
Ahbe, T., Haft, N., Hasche, K., Hoffmann, K.P. SEM-based investigation of the thickness of coatings 79704
Aher, H.S. *see* Nikam, P.S. 74293
Ahern, B. *see* Hoton How 62806
Ahern, V.M. The domestication of the Western Pacific 87528
Aherne, T., Bradley, A.L., Doran, J.P., O'Gorman, J., Heffernan, J.F., Hegarty, J., De Neve, H., Brys, C., Geens, G., Van Daele, P., Baets, R., Demeester, P., Rakennus, K., Salokatve, A., Uusimaa, P., Pessa, M. Optical properties of a ZnSSe microcavity fabricated by epitaxial lift-off 76080
Aherne, T. *see* Rakennus, K. 74228
Ahire, S.L., Golhar, D.Y., Waller, M.A. Development and validation of TQM implementation constructs 82284
Ahlback, J., Leroy, D., Oberli, L., Perini, D., Salminen, J., Savelainen, H., Soini, J., Spigo, G. Construction of a 56 mm aperture high-field twin-aperture superconducting dipole model magnet 90044
Ahlen, A. *see* Sternad, M. 66839
Ahlen, A. *see* Tidestav, C. 88361
Ahlers, D. *see* Schaper, U. 114269
Ahlers, F.-J. *see* Kuzmin, L.S. 63815
Ahlers, F.-J. *see* Zorin, A.B. 74776
Ahlgren, B., Gunningberg, P., Moldeklev, K. Increasing communication performance with a minimal-copy data path supporting ILP and ALF 98459
Ahlgren, D.C. *see* Nguyen-Ngoc, D. 115373
Ahlgren, T. *see* Likonen, J. 63246
Ahlheim, M. *see* Kaatz, P.G. 85649
Ahlheim, M. *see* Pretre, P. 75596
Ahlrichs, F.W. *see* van der Wel, W. 104820
Ahlswede, R., Balakirsky, V.B. Identification under random processes 117257
Ahlswede, R., Gargano, L., Haroutunian, H.S., Khachatrian, L.H. Fault-tolerant minimum broadcast networks 87501
Ahluwalia, H.S., Gisler, G.R., Dorman, L.I. Milagro: an ideal detector for monitoring space weather? 90156
Ahluwalia, S.S. Design and development of low cost portable ultrasonic sector scanner 120316
Ahluwalia, S.S. *see* Gupta, R.C. 110740
Ahluwalia, S.S. *see* Randhawa, S.S. 110741
Ahmad, A. *see* Chen Feng 68704
Ahmad, B.K. *see* Jacobson, G.P. 101389
Ahmad, F., Razzaghi, M. Approximate solution to the envelope of a pulse propagating in a nonlinear optical fibre 84965
Ahmad, G. *see* Xing, Q.J. 63229
Ahmad, H.B. *see* Hooi, Y.C. 65069
Ahmad, I. *see* Akramullah, S.M. 88015
Ahmad, I. *see* Akramullah, S.M. 98941
Ahmad, I. *see* Lam, S.L.Y. 66863
Ahmad, I. *see* Ng, C.K.Y. 108563
Ahmad, I. *see* Yu-Kwong Kwok 109208
Ahmad, M.O. *see* Savin, C.E. 93582
Ahmad, M.O. *see* Savin, C.E. 93588
Ahmad, R., Capstick, M.H. Wideband amplifiers with embedded signal dispersion compensation 73778
Ahmad, R. *see* Asgari, A. 77582
Ahmad, R. *see* Berisha, S.H. 112573
Ahmad, S. *see* Sengupta, B. 92324
Ahmad, S. *see* Singh, N.B. 105683
Ahmad, S.S. Radiation protection calibration activities in Pakistan 70293
Ahmad, T., Rezazadeh, A.A., Gill, S.S. Current dependence of small signal base-collector capacitance in microwave AlGaAs/GaAs HBTs 63597
Ahmadi, H. Wireless and mobile networking in the enterprise environment 118339
Ahmadi, M. *see* Belkasim, S.O. 82361
Ahmadi, M. *see* Djahanshahi, H. 93646
Ahmadi, M. *see* Djahanshahi, H. 104752
Ahmadi, M. *see* Erfani, S. 93585
Ahmadi, M. *see* Safiri, H. 93587
Ahmadi, M.R., Yamaoka, K., Sakai, Y. Capacity assignment and routing algorithm in convergence-type network 77779
Ahmadian, M.T., Savadkouhi, D.G., Sheikhzeinoddin, H.R. Geometric effect of stem on stress distribution and prosthesis failure 120524
Ahmadian-Attari, M., Farrell, P.G. Class of TCM codes over rings of integers modulo-q 108128
Ahmari, D.A., Fresina, M.T., Hartmann, Q.J., Barlage, D.W., Mares, P.J., Feng, M., Stillman, G.E. High-speed InGaP/GaAs HBTs with a strained $In_xGa_{1-x}As$ base 62236
Ahmari, D.A. *see* Stillman, G.E. 84337
Ahmari, D.A. *see* Thomas, S. 94942
Ahmed, A., Koya, R., Wada, O., Wang, M., Koga, R. Field analysis of pillbox resonator with radiation loss utilizing finite-element beam propagation method formulation 75564
Ahmed, A. *see* Malik, T.N. 70696
Ahmed, A.N., Soliman, A.A., Khider, S.E. On some partial ordering of interest in reliability 92430
Ahmed, D. *see* Adnene, C. 112614
Ahmed, E., Zegadi, A., Hill, A.E., Pilkington, R.D., Tomlinson, R.D., Dost, A.A., Ahmed, W., Leppavuori, S., Levoska, J., Kusmartseva, O. The influence of annealing processes on the structural, compositional and electro-optical properties of $CuIn_{0.75}Ga_{0.25}Se_2$ thin films 74515
Ahmed, E. *see* Zegadi, A. 94453
Ahmed, F. The battery recycling loop: a European perspective 112262
Ahmed, F., Karim, M.A., Alam, M.S. Wavelet transform-based correlator for the recognition of rotationally distorted images 86969
Ahmed, F. *see* Iftekharuddin, K.M. 77102
Ahmed, F. *see* Lehri, D. 105093
Ahmed, H., Nakazato, K. Single-electron devices 115258
Ahmed, H. *see* Adeyeye, A.O. 75116
Ahmed, H. *see* Chong, N. 65413
Ahmed, H. *see* Hoyle, P.C. 61376
Ahmed, H. *see* Matsuoka, H. 62839

Ahmed, H. *see* Pettersen, E.K. 105233
Ahmed, H. *see* Srinivas, T.A.S. 89086
Ahmed, H. *see* Williams, D.A. 105258
Ahmed, K. *see* Andry, P.S. 82642
Ahmed, K.A. *see* Nirmalathas, A. 75972
Ahmed, K.A. *see* Pelusi, M. 76011
Ahmed, M., Hemayed, E., Jansing, E.D., Farag, A.A. Surface reconstruction from serial cross sections 86717
Ahmed, M. *see* Jones, S.K. 63294
Ahmed, M. *see* Rabbani, K.S. 110837
Ahmed, M.F. *see* El-Kadry, N. 83842
Ahmed, M.M., Ragaie, H.F., Haddara, H. A hierarchical approach to the analog behavioral modeling of neural networks using HDL-A 114172
Ahmed, M.M. *see* Mohd, M.A. 65905
Ahmed, M.T. On the realization of orthogonal, electronically-tunable OTA-based equalizers 114153
Ahmed, M.U., Jones, E.D., Mullin, J.B., Stewart, N.M. Arrhenius results for the diffusion of Hg into CdTe 74238
Ahmed, N. *see* Mamdyam, G. 66537
Ahmed, N. *see* Mandyam, G. 67001
Ahmed, N. *see* Mandyam, G. 97684
Ahmed, N.N. *see* Westgaard, T.I. 110566
Ahmed, S., Glytsis, E.N. Comparison of beam propagation method and rigorous coupled-wave analysis for single and multiplexed volume gratings 96804
Ahmed, S. *see* Khrais, N.N. 78856
Ahmed, S. *see* Khrais, N.N. 88612
Ahmed, S. *see* Metivier, G. 68445
Ahmed, S.A. *see* Ali, M.P. 78924
Ahmed, S.A. *see* DeBrunner, L.S. 97760
Ahmed, S.S., Chen, L., Petroianu, A. Robust H_∞ tuning of power system stabilizers 101962
Ahmed, S.S. *see* Mangang, P. 101747
Ahmed, W. *see* Ahmed, E. 74515
Ahmed, W. *see* Rehman, M. 111173
Ahmed, W. *see* Sarwar, M. 89175
Ahmed, Z., Liu, H.F., Novak, D., Ogawa, Y., Pelusi, M.D., Kim, D.Y. Synchronisation of the repetition frequency of a passively mode-locked laser to the beat frequency of an optical injection signal 75970
Ahmed, Z., Novak, D., Waterhouse, R.B., Liu, H.F. Optically-fed millimetre-wave (37 GHz) transmission system incorporating a hybrid mode-locked semiconductor laser 109641
Ahmed, Z. *see* Kim, D.Y. 75973
Ahmed, Z. *see* Novak, D. 96413
Ahmed Saoudy, S., Sinha, B.P. Theory of a multiply fed and loaded insulated linear antenna in air 85959
Ahn, B.-C. *see* Lee, B.-T. 105651
Ahn, B.H. *see* Guha, S. 76214
Ahn, C. *see* Nam, J.Y. 67985
Ahn, C. *see* Yun, H.-J. 68878
Ahn, C.H., Allen, M.G., Trimmer, W., Jun, Y.-N., Erramilli, S. A fully integrated micromachined magnetic particle separator 107822
Ahn, C.H. *see* Nami, Z. 115882
Ahn, C.H. *see* Seungug Koh 96045
Ahn, D. Optical gain of a quantum-well laser with non-Markovian relaxation and many-body effects 65349
Ahn, D. Optical gain of InGaP and cubic GaN quantum-well lasers with very strong spin-orbit coupling 75927
Ahn, D. Theory of non-Markovian optical gain in excited semiconductors 96339
Ahn, D. Non-Markovian gain of a quantum-well laser with many-body effects 116542
Ahn, D., Jong-Sik Lim, In-Seon Kim, Yang-Kyun Shin, Kwang-Yong Kang Design of 2-pole band pass filters using closed loop resonator and coupled lines 93726
Ahn, G.H. *see* Linkopoulos, T.M. 74894
Ahn, H., El Nokali, M.A. A physically based approach for the calculation of the scattering parameters in high electron mobility transistors 95072
Ahn, J. *see* Liu, Y.J. 104129
Ahn, J.-H. *see* Lee, B.-T. 105615
Ahn, J.-H. *see* Lee, B.-T. 105651
Ahn, J.-Y., Kim, W.-H. A new frequency control technique for narrowband satellite communication systems 78627
Ahn, J.-Y. *see* Kim, W.-H. 78628
Ahn, J.W. *see* Oh, S.G. 71775
Ahn, K.H., Vaziri, M., Barnett, B.C., Williams, G.R., Cao, X.D., Islam, M.N., Malo, B., Hill, K.O., Chowdhury, D.Q. Experimental demonstration of a low-latency fiber soliton logic gate 95903
Ahn, K.H. *see* Cao, X.D. 95906
Ahn, M.J. *see* Lee, H.Y. 72598
Ahn, S.H., Kim, W., Kang, D., Kim, J.H., Shin, H.H., Kwon, S.B., Park, W.S. Electro-optical characteristics of FLTN-LCDs optimized by optical compensation method 85122
Ahn, S.T. *see* Park, K.T. 83118
Ahn, S.U. *see* Jardini, J.A. 121129
Ahn, T. *see* Son, C. 119718
Ahn, T.W., Chen, G., Hua, B., Kim, C.J., Knee, D., Kondo, A., Kuo, B., Lan, I.J., Ng, M., Shen, F., Yeh, N.H., Young, J.K. A single chip HDD PRML channel 114141
Ahn, Y.M. *see* Cho, B.I. 115615
Ahn, Y.M. *see* Ro, M.D. 75234
Ahn Byeong-Chul *see* Byeong-Chul Ahn
Ahn Byoung-Chan *see* Byoung-Chan Ahn
Ahn Byung Tae *see* Byung Tae Ahn
Ahn Chang-Hoi *see* Chang-Hoi Ahn
Ahn Dal *see* Dal Ahn
Ahn Doo-Soo *see* Doo-Soo Ahn
Ahn Gil-Cho *see* Gil-Cho Ahn
Ahn Goo Choo *see* Jackson, H.E. 62919
Ahn Ho Young *see* Ho Young Ahn
Ahn Hyeon-Soo *see* Hyeon-Soo Ahn
Ahn Jin-Woo *see* Jin-Woo Ahn
Ahn Jong Suk *see* Jong Suk Ahn
Ahn Jong-Guk *see* Jong-Guk Ahn
Ahn Joo-Heon *see* Joo-Heon Ahn
Ahn Ju-Heon *see* Ju-Heon Ahn
Ahn Kwang-Ho *see* Kwang-Ho Ahn
Ahn Piu *see* Piu Ahn
Ahn Saeyoung *see* Saeyoung Ahn
Ahn Sang-Ho *see* Sang-Ho Ahn
Ahn Se-Jin *see* Se-Jin Ahn
Ahn Seh-Won *see* Seh-Won Ahn
Ahn Seong Joon *see* Seong Joon Ahn
Ahn Seung-Ho *see* Seung-Ho Ahn
Ahn Sung Tae *see* Sung Tae Ahn
Ahn Sung-Duck *see* Sung-Duck Ahn
Ahn Yongchul *see* Yongchul Ahn
Ahn Young Mok *see* Young Mok Ahn
Ahn Young-Man *see* Young-Man Ahn
Ahnert, C. *see* Aragones, J.M. 121310
Aho, L.S. *see* Legrand, L.R. 120317
Ahola, H.A., Meinander, T., Ryynanen, M.K., Tahvanainen, J.T. A 1.8 T permanent magnet wiggler for MAX-lab 100445
Ahopelto, J. *see* Lipsanen, H. 63046
Ahopelto, J. *see* Lipsanen, H. 105336
Ahoujja, M. *see* Redwing, J.M. 94475
Ahouzi, E., Campos, J., Kober, V., Yzuel, M.J. Design of phase only filters with binary amplitude optimizing the discrimination: direct search or simulated annealing? 108647
Ahouzi, E., Chalasinska-Macukow, K., Campos, J., Yzuel, M.J. Pure phase correlation with improved discrimination capability 98160
Ahrel, B. *see* Phung, T. 122109
Ahrenkiel, R. *see* Venkatasubramanian, R. 112379
Ahrenkiel, R.K. Ultra-high frequency photoconductive decay for measuring recombination lifetime in silicon [solar cells] 112350
Ahrenkiel, R.K., Levi, D., Arch, J. Recombination lifetime studies of silicon spheres 94290
Ahrenkiel, R.K. *see* Levi, D.H. 94368
Ahrenkield, R.K. *see* Levi, D.H. 112368
Ahrens, J. *see* Huenger, A. 69838
Ahrens, L. *see* Huang, H. 119985
Ahrens, L.A., Benjamin, J., Blaskiewicz, M., Brennan, J.M., Gardner, C.J., Hseuh, H.C., Lee, Y.Y., Reece, R.K., Roser, T., Soukas, A., Thieberger, P. Heavy ion acceleration strategies in the AGS accelerator complex–1994 status report 79924
Ahrens, L.A. *see* Blaskiewicz, M. 79925
Ahrens, L.A. *see* Blaskiewicz, M. 79926
Ahrens, L.A. *see* van Asselt, W.K. 89865
Ahrens, L.A. *see* Wei, J. 89880
Ahrens, M., Kucera, L., Larsonneur, R. Performance of a magnetically suspended flywheel energy storage device 103047
Ahrens, R.E. *see* Vuong, H.-H. 63251
Ahrens, T., Krumm, M. Deformation measurements at components, printed wiring boards and microelectronic assemblies to ensure the reliability of a system 113041
Ahrens, T. *see* Gregoris, G. 112862
Ahsan, M. *see* Taher Abuelma'atti, M. 82989
Ahsana Asgar, A. *see* Subramanian, A.K. 70603
Ahuja, L.R. *see* Engman, E.T. 120839
Ahuja, N., Charan, R. Pixel matching and motion segmentation in image sequences 86679
Ahuja, N., Huang, T. IU at UI: an overview of research during 1993-1994 67475
Ahuja, N. *see* Charan, R. 86661
Ahuja, N. *see* Das, S. 77318
Ahuja, N. *see* Das, S. 86300
Ahuja, N. *see* Hougen, D.R. 67231
Ahuja, N. *see* Joshi, T. 77159
Ahuja, N. *see* Krishnan, A. 77146
Ahuja, N. *see* Krishnan, A. 86404
Ahuja, N. *see* Sull, S. 77467
Ahuja, R., Keshav, S., Saran, H. Design, implementation, and performance of a native mode ATM transport layer 87305
Ahuja, R., Keshav, S., Saran, H. Design, implementation, and performance measurement of a native-mode ATM transport layer (extended version) 98401
Ahuja, S.S. *see* Sharma, S.D. 82384
Ahuja, V., Green, R.K. CO_2 removal from air for alkaline fuel cells operating with liquid hydrogen–heat exchanger development 71812
Ahuja, Y. *see* Alam, M.S. 75628
Ahumada, A.J., Jr., Beard, B.L. Object detection in a noisy scene 108530
Ahumada, A.J., Jr., Horng, R. Smoothing DCT compression artifacts 87219
Ahumada, A.J., Jr. *see* Peterson, H.A. 87218
Ahumada, A.J., Jr. *see* Solomon, J.A. 87217
Ahumada, A.J., Jr. *see* Tiana, C. 90713
Ahumada, A.J., Jr. *see* Watson, A.B. 89427
Ai, B., Knize, R.J. Optical information processing using alkali-metal vapors 76173
Ai, B. *see* Knize, R.J. 97961
Ai, D. *see* Nagata, Y. 80455
Ai, R., Anderson, T., Schoenberg, M. TEM and SIMS characterization of high $V_{cb}(F)$ power transistor wafers 94938
Ai Bo *see* Wang Hongman 109182
Ai Bui *see* Bui Ai
Aiazzi, B., Alba, P.S., Alparone, L., Baronti, S. Lossless image compression based on a generalized recursive interpolative DPCM 120699
Aiazzi, B., Alba, P.S., Alparone, L., Baronti, S., Guarnieri, P. Reversible inter-frame compression of multispectral images based on a previous-closest-neighbor prediction 111120
Aiazzi, B., Alparone, L., Baronti, S., Borri, G., Susini, C. Multiresolution de-speckle based on Laplacian pyramids 111090
Aiazzi, B. *see* Alparone, L. 86973
Aiba, T. *see* Higuchi, N. 102606
Aibara, T., Motomura, K. A method for estimating network performance after introducing a new application 78013
Aibara, T. *see* Ichikawa, K. 86501
Aibatov, L.R. The efficiency of positive-feedback loops in voltage converters based on switch-controlled self-excited oscillators 104748
Aicheng Wu *see* Zhongquan Wu 77466
Aicklen, G.H., Tamil, L.S. Soliton transmission in optical fibers with loss and saturable nonlinearity 107593
Aida, F. *see* Shinan Wang 121151
Aida, F. *see* Tanimoto, G. 64150
Aida, F. *see* Tanimoto, G. 114356
Aida, H. *see* Morino, H. 118069
Aida, H. *see* Ohno, R. 78225
Aida, H. *see* Ryoo, I. 87293
Aida, H. *see* Saito, T. 87690
Aida, H. *see* Saito, T. 118646
Aida, K., Nakagawa, K. Time shared lightwave reference frequency distribution for photonics networks 78900
Aida, M. Congestion detection and CAC for ABR services using Allan variance 67842
Aida, M. *see* Kinoshita, K. 77983
Aida, M. *see* Masugi, M. 117946
Aida, T. Basic study related to the glossiness of colored papers and its application to specular glossiness measuring instrument 79745
Aida, T., Abudula, A., Ihara, M., Komiyama, H., Yamada, K. Direct oxidation of methane on anode of solid oxide fuel cell 81832
Aidaraliev, M., Bresler, M.S., Gusev, O.B., Zotova, N.V., Karandashev, S.A., Matveev, B.A., Stus', N.M., Talalakin, G.N. InAsSbP-InAs-InAsSbP laser double-heterostructures with a p-n junction in the active region 116468
Aidaraliev, M., Zotova, N.V., Karandashov, S.A., Matveev, B.A., Stus', N.M., Talalakin, G.N. Midwave (3-4 μm) InAsSbP/InGaAsSb infrared diode lasers as a source for gas sensors 69339
Aidinyan, L.E. *see* Oganesyan, V.A. 80345
Aidman, G.I. A view on chemically synthesized expanders for lead/acid battery negative plates 112253
Aidnik, D.L. *see* Raihn, K.F. 93700
Aiello, A., Caneva, E., Stivali, F., Santulli, C. AE monitoring in fatigue tests on Al_2O_3 reinforced aluminium alloy 113618
Aiello, G., Alfonzetti, S., Borzi, G., Coco, S., Salerno, N. A generalization of the charge iteration procedure 96893
Aiello, G., Alfonzetti, S., Coco, S., Salerno, N. Overrelaxing the charge iteration procedure 65657
Aiello, G., Alfonzetti, S., Coco, S., Salerno, N. Finite element analysis of unbounded non-linear transient magnetic fields 107712
Aiello, G., Alfonzetti, S., Coco, S., Salerno, N. Combining non-linearity and current iterations for the solution of boundless skin-effect problems 107761
Aiello, W., Venkatesan, R. Foiling birthday attacks in length-doubling transformations 86072
Aifen, M. *see* Yongxiang, L. 61441
Aiga, M. *see* Tada, H. 96250
Aiga, M. *see* Takemi, M. 103842
Aigarabel, P.A., Ibarra, M.R., Marquina, C., Yuasa, S., Miyajima, H., Otani, Y. Magnetostriction and thermal expansion measurements on $FeRh_{1-x}Pt_x$ alloys 64247
Aign, S. Error concealment enhancement by using the reliability outputs of a SOVA in MPEG-2 video decoder 86981
Aign, S., Fazel, K. Error detection & concealment measures in MPEG-2 video decoder 68882
Aigner, R., Dietl, M., Katterloher, R., Klee, V. Si-planar-pellistor: designs for temperature modulated operation 119775
Aigo, T. *see* Goto, M. 62260
Aigouy, L. *see* Cloitre, T. 72772
Aiguo Yin, Fonash, S.J., Reber, D.M., Trainor, M.J. Performance enhancement of poly-Si TFTs using electron cyclotron resonance oxygen plasma treatment 84403
Aihara, K., Fujita, O., Uchimura, K. A digital neural network LSI using sparse memory access architecture 62119
Aihara, K. *see* Kitagawara, Y. 84570
Aihara, K. *see* Mizukami, Y. 70785
Aihara, M. *see* Iida, T. 74337
Aihara, M. *see* Li, Y. 115404

Aihara, M. *see* Ogishima, M. 111637
Aihara, M. *see* Tsuchiya, R. 115655
Aihara, M. *see* Ying Li 106371
Aihara, Y., Hayashi, Y., Terashima, T., Takemoto, I., Iwamoto, S. Development of negotiation expert system for subtransmission system planning 111555
Aihara, Y., Ito, S., Kawasaki, S. Preparation of YSZ films on air electrodes by the thermal spray-sintering process 81766
Aihua Li *see* Huiyang Zhou 82404
Aihua Zhang *see* Shengyou Wang 69108
Aihua Zhao *see* Zuping Liu 100459
Aihua Zhao *see* Zuping Liu 100460
Aiibzhonov, M., Karimov, M.A., Saidov, M.S., Yuldashev, N.Kh. Anomalous temperature dependence and infrared quenching of equilibrium conductivity in polycrystalline CdSe films 114611
Aik Kean Chong *see* Chong Aik Kean
Aik Leong Khoo *see* Khoo Aik Leong
Aik Lian Eng *see* Eng Aik Lian
Aikas, J. *see* Sodergard, C. 67425
Aikawa, K., Singer, H., Kawahara, H., Tohkura, Y. Cepstral representation of speech motivated by time-frequency masking: an application to speech recognition 86143
Aikawa, M., Muraguchi, M. MMICs for mobile/personal communications applications 88259
Aikawa, M. *see* Kamogawa, K. 83493
Aikawa, M. *see* Kamogawa, K. 85981
Aikawa, M. *see* Kurokawa, M. 77536
Aikawa, M. *see* Tokumitsu, T. 83434
Aikawa, M. *see* Toyoda, I. 93861
Aikawa, N. *see* Ozawa, I. 114117
Aikawa, Y., Baba, K., Shohata, N., Yoneda, H., Ueda, K. Photoconductive properties of polycrystalline diamond under high electric field strength 85253
Aiken, E.W., Jacobsen, R.A., Hindson, W.S. Research applications and capabilities of the NASA/Army Rotorcraft Aircrew Systems Concepts Airborne Laboratory (RASCAL) 120620
Aiken, W.R. The first flat panel 89216
Aikens, D., Roussel, A., Bray, M. Derivation of preliminary specifications for transmitted wavefront and surface roughness for large optics used in inertial confinement fusion 85431
Aikens, G.S. The democratization of systems of public opinion formation 98548
Aiki, M. *see* Sumida, M. 119182
Aikia, M. *see* Hayashi, Y. 78668
Ailes-Sengers, L. *see* Ishimaru, A. 97055
Ailey, S.K. *see* Davis, R.F. 103876
Ailisto, H., Mitikka, R., Moring, I., Jokinen, H., Kaisto, I. 3D measurement controlled by a CAD model-based measurement planning and vision system 67428
Ailleres, N. *see* Beteille, D. 110913
Aiman Muhammad Shabra *see* Muhammad Taher Abuelma'atti 83205
Aime, J.P. *see* Bouhacina, T. 94337
Aimonetti, W.D. *see* Winter, E.M. 108555
Aimoto, Y., Kimura, T., Yabe, Y., Heiuchi, H., Nakazawa, Y., Motomura, M., Koga, T., Fujita, Y., Hamada, M., Tanigawa, T., Nobusawa, H., Koyama, K. A 7.68 GIPS 3.84 GB/s 1W parallel image processing RAM integrating a 16 Mb DRAM and 128 processors 73442
Aimoto, Y. *see* Yabe, Y. 113980
Aina Hung *see* Syh-Ming Ho 72289
Aindow, M. *see* Jones, I.P. 74236
Ainsleigh, P.L., Chui, C.K. A B-wavelet-based noise-reduction algorithm 66827
Ainslie, M.A., Harrison, C.H., Burns, P.W. Signal and reverberation prediction for active sonar by adding acoustic components 88723
Ainspan, H. *see* Choi, J. 88572
Ainspan, H. *see* Widmer, A. 78352
Ainspan, H.A. *see* Deutsch, A. 62454
Ainsworth, M. The influence and selection of subspaces for a posteriori error estimators 72721
Ainsworth, M. A preconditioner based on domain decomposition for h-p finite-element approximation on quasi-uniform meshes 113262
Ainsworth, M.T. *see* Kushner, L.J. 114051
Aintablian, H. The harmonic currents of commercial office buildings due to non-linear electronic equipment 111612
Aintablian, H., Spurlin, J. Development of an undergraduate electrical machines laboratory 111898
Aiping Huang, Laakso, T.I., Ovaska, S.J., Hartimo, I.O. Predictive power estimation of complex-valued signals 97696
Aiping Wu, Jikei, M., Kakimoto, M.-A., Imai, Y., Ukishima, S., Takahashi, Y. Heterostructural electroluminescent devices based on poly(p-phenylenevinylene) and polyimide LB films 75742
Aiping Wu *see* Wu Aiping
Aiping Yi *see* Yi Aiping
Airphaiboon, S., Kondo, S. Recognition of hand-printed Thai characters using loop structures 108720
Aisawa, S., Noguchi, K., Matsumoto, T., Tsunetsugu, H., Yuda, M. Neural processing-type optical wavelength division multiplexing demultiplexer using a grating 88462
Aisawa, S. *see* Miyao, H. 78803
Aisawa, S. *see* Miyao, H. 98974
Aissi, C., Gobovic, D., Olaniyan, J. A method for reducing complex MOS structures in switch level simulators 74855
Aissi, C., Olaniyan, J. Design and implementation of a fully testable CMOS D-latch 73287
Ait-Ahmed, M. *see* Benkhoris, M.F. 121991
Ait-Boubker, S. *see* Abbes, M. 90145
Ait-Boudaoud, D. *see* Cemes, R. 83243
Ait-Kadi, D. *see* Chelbi, A. 92299
Ait-Sadi, R., Emson, C.R.I. Practical experience in using absorbing boundary conditions with FDTD method 65812
Aita, H. *see* Egashira, Y. 61362
Aitbaev, B.A., Rubinov, V.M., Mirsagatov, Sh.A. Solar cells based on the solid solution of $Zn_xCd_{1-x}S$ 102976
Aitchison, C. *see* Ali, F. 114268
Aitchison, C.S. *see* Botterill, I.A. 73110
Aitchison, C.S. *see* Free, C.E. 62171
Aitchison, C.S. *see* Jaro, G. 104354
Aitchison, C.S. *see* Jia Yi Liang 62315
Aitchison, C.S. *see* Jia Yi Liang 68372
Aitchison, C.S. *see* Jia Yi Liang 88585
Aitchison, C.S. *see* Jia Yi Liang 99586
Aitchison, C.S. *see* Moazzam, M.R. 82978
Aitchison, C.S. *see* Soghomonian, M.S. 64812
Aitchison, J.S. *see* Hamilton, C.J. 65456
Aitchison, J.S. *see* Hamilton, C.J. 74387
Aitchison, J.S. *see* Hamilton, C.J. 96711
Aitchison, J.S. *see* Kang, J.U. 116644
Aitchison, J.S. *see* Kang, J.U. 116661
Aitchison, J.S. *see* Street, M.W. 116566
Aitchison, J.S. *see* Villeneuve, A. 64732
Aitchison, P. *see* Ruhrig, M. 115519
Aitchison, T. *see* Macfarlane, P.W. 90510
Aitken, W. *see* Okamoto, E. 66290
Aitov, R.D., Korzhavyi, A.P., Kristya, V.I. The effect of surface charge on the coefficient of secondary electron emission from composite cathodes 104993
Aivazian, R.B., Asaturyan, R.A., Matevosyan, E.M. A study of possibility to use a 3-mm-spacing multiwire chamber as a mini-drift chamber 100799
Aiyer, R.C. *see* Ansari, S.G. 110249
Aiyer, R.C. *see* Ansari, Z.A. 110248
Aizatsky, N.I. Disk-loaded waveguides for acceleration high intensity short pulse electron beams 90013
Aizatsky, N.I. On the theory of two coupled cavities 100676
Aizatsky, N.I., Dovbnya, A.N., Kushnir, V.A., Mitrochenko, V.V., Tur, Yu.D. Development of linear electron accelerators for basic scientific researches and advancement of technologies in Ukraine 110475
Aizawa, K., Ohno, H., Egi, Y., Hamamoto, T., Hatori, M., Maruyama, H., Yamazaki, J., Otake, H., Kobayashi, K., Ohkubo, T., Abe, M. A novel image sensor for on-sensor compression 69285
Aizawa, K. *see* Cheong, C.K. 86530
Aizawa, K. *see* Furuichi, C. 76877
Aizawa, K. *see* Hamamoto, T. 69326
Aizawa, K. *see* Hayashi, J. 110908
Aizawa, K. *see* Naito, M. 77501
Aizawa, K. *see* Oami, R. 67196
Aizawa, K. *see* Oami, R. 97891
Aizawa, K. *see* Sakai, M. 114097
Aizawa, M. *see* Motohashi, N. 90260
Aizawa, M. *see* Nagai, H. 69365
Aizawa, M. *see* Nishiyama, H. 102966
Aizawa, M. *see* Yokokawa, H. 81846
Aizawa, T., Kawano, T. Optimization systems in production and distribution of the cement industry 60539
Aizawa, T. *see* Suzaki, S. 85098
Aizawa, Y. *see* Takaira, H. 88396
Aized, D. *see* Lue, J.W. 95540
Aized, D. *see* Malozemoff, A.P. 64506
Aized, D. *see* Paasi, J. 95408
Aizhen Han *see* Han Aizhen
Aizhen Li, Yiping Huang, Sixun Zou, Tingao Tang, Kwor, R. Ultra-thin-film silicon-on-insulator structure using oxidized porous silicon 84024
Aizhen Li *see* Li Aizhen
Ajay Kumar, V. Control of PCB track impedance by adequate buffering, proper termination, careful routing strategies establishes signal quality in microprocessor based system 73408
Ajay Kumar, V. Overcoming data corruption in RS485 communication 78335
Ajika, N. *see* Oda, H. 83122
Ajika, N. *see* Sakakibara, K. 95205
Ajima, Y. *see* Tsuchiya, K. 89626
Ajinenko, I., Beloous, K., Chudoba, J., Czellar, S., Herr, H., Jouravlev, N., Khovansky, N., Kluit, P., Zrumstein, Z., Kurvinen, K., Lapin, V., Leitner, R., Masik, J., Olchevski, A., Ridky, J., Sedykh, Yu., Sicho, P., Smirnova, O., Solovianov, O., Tchikilev, O., Tkatchev, L., Tomsa, Z., Vrba, V., Williams, W.S., Wetherell, A.M., Zaslavsky, J. The performance of the DELPHI Hadron Calorimeter at LEP 90197
Ajioka, Y. *see* Matsumura, T. 73407
Ajioka, Y. *see* Shimizu, T. 73431
Ajisawa, A. *see* Kawahara, A. 69275
Ajit, J.S. Dual MOS gate controlled thyristor (DMGCT) structure with short-circuit withstand capability superior to IGBT 63652
Ajit, J.S. Design of MOS-gated bipolar transistors with integral antiparallel diode 84316
Ajit, J.S. New insulated-gate thyristor structure with MOSFET coupled base regions 84357
Ajit, J.S. A new structural concept to suppress parasitic lateral carrier injection in insulated-gate thyristors 105934
Ajit, J.S. *see* Kinzer, D. 104332
Ajjarapu, V. *see* Lee, B. 70642
Ajluni, C. Machine vision moves into the mainstream 88858
Ajluni, C. Microsensors move into biomedical applications 90266
Ajluni, C. Unified communications enable DVC applications 109161
Ajluni, C. Videoconferencing standards target desktop applications 109169
Ajmal, N. Fuzzy groups with sup property 103621
Ajmal, N. *see* Sarma, R.D. 72503
Ajmal, T. *see* Rehman, M. 111173
Ajmera, P.K. *see* Juho Song 63336
Ajmera, P.K. *see* Juho Song 104150
Ajmera, P.K. *see* Stadler, S. 89030
Ajmone Marsan, M., Bianco, A., Leonardi, E., Meo, M., Neri, F. On the capacity of MAC protocols for all-optical WDM multi-rings with tunable transmitters and fixed receivers 87464
Ajmone Marsan, M. *see* Meo, M. 118365
Ajo, D. *see* Favaro, M.L. 105185
Ajo, D. *see* Rossetto, G. 61265
Ajuria, M.B.G. *see* Aviles, R. 72720
Ajuria, S.A., Maiti, B., Tobin, P.J., Mele, T.C. Re-evaluation of the benefits of postoxidation annealing on sub-100 Å gate oxide quality 63176
Ajuria, S.A. *see* Maiti, B. 63175
Ajustron, F. *see* Girardin, C. 74692
Akabane, K., Nakagawa, M. Hybrid DS/SFH-TDD multiple access system with adaptive hopping pattern control 99127
Akabane, K., Nakagawa, M. Hybrid DS/SFH-TDD cellular system with adaptive hopping pattern control 118934
Akaboshi, H., Yasuura, H. Automatic generation of command level simulation model of a processor from RT level description 104592
Akada, N. *see* Seike, T. 119560
Akagawa, K., Wada, S., Nakamura, A., Tashiro, H. Synchronization of pulsed Ti:sapphire lasers and its application to difference frequency mixing for tunable infrared generation 75884
Akagawa, K. *see* Wada, S. 65152
Akage, Y. *see* Wada, K. 107254
Akagi, H. New trends in active filters for improving power quality 111600
Akagi, H. *see* Fujita, H. 102933
Akagi, H. *see* Fujita, H. 121614
Akagi, H. *see* Fujita, H. 121655
Akagi, H. *see* Maruyama, T. 72902
Akagi, H. *see* Ogasawara, S. 112462
Akagi, H. *see* Tominaga, S. 121830
Akagi, K., Siratori, A., Iha, M., Chikagawa, O. Development of Osaka Gas type planar SOFC 81760
Akagi, K. *see* Ishizaki, O. 64427
Akagi, K. *see* Sekiguchi, T. 74800
Akagi, K. *see* Shiratori, A. 81775
Akagi, T. *see* Wu Aiping 85258
Akahane, T. *see* Yasui, K. 104067
Akahane, T. *see* Yasui, K. 104164
Akaho, S. The EM algorithm for multiple object recognition 66964
Akahori, H. Detection of the complex amplitude distribution of a kinoform using an iterative Fourier-transform algorithm 65553
Akahori, N., Inoue, H., Matsui, H., Oishi, T., Furuta, T., Takeda, K. Low-end thermal recording business facsimile NEFAX390 67719
Akahori, Y., Mino, S., Ohyama, T., Yamada, Y., Yanagisawa, M., Muramoto, Y., Tsunetsugu, H. 10-Gbit/s hybrid-integrated receiver array module using planar lightwave circuit platform 78678
Akahori, Y. *see* Mino, S. 64999
Akahori, Y. *see* Mino, S. 96061
Akahori, Y. *see* Nakasuga, Y. 116284
Akahori, Y. *see* Uchida, N. 88639
Akahori, Y. *see* Uchida, N. 109616
Akahori, Y. *see* Yoshida, J. 64998
Akai, I. *see* Kim, D. 74412
Akai, I. *see* Komatsu, T. 74251
Akai, K., Ezura, E., Yamazaki, Y. Design of the KEKB RF system 100663
Akai, K. *see* Akasaka, N. 100664
Akai, K. *see* Chin, Y.H. 89973
Akai, K. *see* Kageyama, T. 100671
Akai, K. *see* Naito, F. 100687
Akai, K. *see* Takeuchi, Y. 100684
Akai, K. *see* Yamazaki, Y. 100469
Akai, K. *see* Yoshimoto, S. 100605
Akai, S. *see* Tsuno, T. 113313
Akai, T. *see* Matsumura, M. 85293
Akaike, H. *see* Mochiki, K. 104241
Akaike, M. Trends of research on microwaves/optics in Japan 68387
Akaishi, K. *see* Satow, T. 95514
Akaiwa, Y. *see* Canchi, R. 118907
Akaiwa, Y. *see* Furukawa, H. 68268
Akaiwa, Y. *see* Furukawa, H. 88346
Akaiwa, Y. *see* Furukawa, H. 99236
Akaiwa, Y. *see* Furukawa, H. 118762
Akaiwa, Y. *see* Furukawa, H. 118868
Akaiwa, Y. *see* Oosaki, K. 68220
Akaiwa, Y. *see* Saitou, M. 68235

Akaiwa, Y. *see* Shinozaki, S. 97119
Akaiwa, Y. *see* Tong, F. 68303
Akaiwa, Y. *see* Tong, F. 79134
Akaiwa, Y. *see* Torikai, T. 111610
Akamatsu, B. *see* Bonard, J.-M. 74393
Akamatsu, M. *see* Tsuchiya, H. 82606
Akamatsu, S. *see* Costen, N. 67260
Akamine, K. *see* Tsuboyama, T. 100836
Akamine, M. *see* Amada, T. 76841
Akamine, S. *see* Fukuzawa, K. 92998
Akamine, T. *see* Ikeda, H. 100804
Akamine, T. *see* Saitoh, Y. 80027
Akamine, T. *see* Saitoh, Y. 100838
Akan, H. *see* Incesu, L. 110786
Akani, M. *see* Idrissi-Benzohra, M. 74350
Akano, U.G. *see* Janz, S. 74127
Akansu, A.N. Multiplierless PR quadrature mirror filters for subband image coding 108497
Akansu, A.N. *see* Benyassine, A. 86031
Akansu, A.N. *see* Tazebay, M.V. 78361
Akapelwa, K. Power interchange opportunities in Southern Africa–evolution towards a regional power pool 70664
Akar, N., Arikan, E. A numerically efficient method for the MAP/D/1/K queue via rational approximations 72430
Akar, N., Sohraby, K. A new paradigm in teletraffic analysis of communication networks 87271
Akarun, L., Ozdemit, D., Yalcin, O. Modified quantisation algorithm for dithering of colour images 77487
Akasaka, N., Akai, K., Kageyama, T., Shintake, T., Yamazaki, Y. RF characteristics of ARES cold models 100664
Akasaka, N. *see* Alexandrof, V.A. 100628
Akasaka, N. *see* Hartman, S.C. 100599
Akasaka, N. *see* Kageyama, T. 100671
Akasaka, N. *see* Naito, F. 100687
Akasaka, N. *see* Obina, T. 100585
Akasaka, N. *see* Shintake, T. 89604
Akasaka, N. *see* Takeuchi, Y. 100684
Akasaka, N. *see* Yamazaki, Y. 100469
Akasaka, T., Shimizu, I. Fabrication of high-quality poly-Si thin films combined with in situ real-time spectroscopic ellipsometry 92876
Akasaka, Y., Sugizaki, R., Umeda, A., Kamiya, T. High-dispersion-compensation ability and low nonlinearity of W-shaped DCF 78819
Akasaki, I., Amano, H. Crystal growth of column-III nitride semiconductors and their electrical and optical properties 82645
Akasaki, I., Amano, H., Suemune, I. Recent progress of crystal growth, conductivity control and light emitters of column-III nitrides, and future prospect of nitride-based laser diode 103973
Akasaki, I., Sota, S., Sakai, H., Tanaka, T., Koike, M., Amano, H. Shortest wavelength semiconductor laser diode 75922
Akasaki, I. *see* Burm, J. 63778
Akasaki, I. *see* Gotz, W. 114891
Akasaki, I. *see* Ruvimov, S. 94338
Akasaki, I. *see* Wetzel, C. 62703
Akashi, E., Yoneyama, T. Consideration on gain of leaky-wave antennas 85991
Akashi, K. *see* Ishihara, M. 113500
Akashi, O., Moriyasu, K., Terauchi, A. Information distribution by fleamarket system 118345
Akashi, T. Technical trends of remote supervisory control equipment 101946
Akashi, Y. *see* Fukushima, I. 91960
Akatov, Y. *see* Vana, N. 110991
Akatov, Y. *see* Vana, N. 110996
Akatsu, H. *see* Sutherland, D.G.J. 84146
Akatsu, Y. *see* Kato, K. 68383
Akatsuka, T. *see* Takeda, T. 69943
Akatsuka, T. *see* Toyama, J. 89410
Akatsuka, T. *see* Wu, W. 80218
Akatsuka, T. *see* Yuasa, T. 70036
Akay, M. Automated noninvasive detection of coronary artery disease using wavelet-based neural networks 80178
Akay, M., Lim, L.M., Daubenspeck, J.A. Wavelet analysis of respiratory-related cortical evoked potential activity 80386
Akay, M., Mulder, E. Examining fetal heart-rate variability using matching pursuits 120260
Akay, M., Szeto, H.H. Wavelet analysis of opioid drug effects on the electrocortical activity in fetus 80387
Akay, M. *see* Fischer, R. 120276
Akay, M. *see* Redling, J. 90282
Akay, M. *see* Redling, J.D. 110648
Akazaki, T., Nitta, J., Takayanagi, H., Enoki, T., Arai, K. Highly confined two-dimensional electron gas in an $In_{0.52}Al_{0.48}As/In_{0.53}Ga_{0.47}As$ modulation-doped structure with a strained InAs quantum well 62898
Akazaki, T., Takayanagi, H., Enoki, T. Kink effect in an InAs inserted-channel InAlAs/InGaAs inverted HEMT at low temperature 84468
Akazaki, T. *see* Takayanagi, H. 105369
Akazan, J., Mammeri, Z. DEMMS: a development environment to ease the manufacturing message specification (MMS) use 67763
Akazan, J. *see* Mammeri, Z. 67762
Akazawa, H. Synchrotron-radiation-excited epitaxy of Ge with GeH_4 82641
Akazawa, K. *see* Okuno, R. 90606
Akazawa, M., Amemiya, Y. Directional single-electron-tunneling junction 95079
Akazawa, Y. *see* Hino, S. 78327
Akbarally, H., Kleeman, L. 3D robot sensing from sonar and vision 77529
Akchurin, E.A. Digital demodulation of a single-sideband signal 108107
Akchurin, G.G., Melnikov, L.A., Romanova, E.A. Spatial dynamics of the output speckle-pattern of multimode fiber excited by frequency-sweeping He-Ne laser 95691
Akduman, I., Alkumru, A. Generalized ART algorithm applied to inverse scattering problems related to buried cylindrical bodies 65807
Akduman, I. *see* Idemen, M. 85823
Akebi, Y. *see* Yamashita, T. 88839
Akella, V., Vaidya, N.H., Redinbo, G.R. Limitations of VLSI implementation of delay-insensitive codes 97441
Akemoto, M. *see* Sakanaka, S. 100681
Akemoto, M. *see* Sakanaka, S. 100682
Akerib, D. *see* Sadoulet, B. 100818
Akerling, G. *see* Silver, A. 93198
Akerlund, M. *see* Laudanski, T. 90272
Akermark, K. *see* Niburg, M. 119218
Akers, D.J. Coal cleaning controls HAP emissions 102445
Akers, L.A. *see* Goru, V.K. 104754
Akers, L.A. *see* Kuppuswamy, R. 104727
Akers, L.A. *see* Theogarajan, L. 108511
Akers, L.A. *see* Wang, T. 73596
Akesson, S. GPRS, general packet radio service 68271
Akesson, T., Carling, H., Dolgoshein, B., Fabjan, C.W., Farthouat, P., Froidevaux, D., Funk, W., Furletov, S., Gavrilenko, I., Holder, M., Ivochkin, V.G., Jagielski, S., Kondratiev, O., Konovalov, S., Konstantinov, A., Kopitin, M., Lichard, P., Muraviev, S., Nadtochi, A.V., Nevski, P., Norton, P.R., Peshekhonov, V., Polychronakos, V.A., Potekhin, M., Radeka, V., Richter, R., Ramaniouk, A., Saxon, D.H., Schegelsky, V.A., Shank, J.T., Shmeleva, A., Smirnov, S., Sosnovtsev, V., Spiridenkov, E.M., Stavrianakou, M., Stephani, D., Tcherniatin, V., Vassilieva, L., Whitaker, J.S., Zaganidis, N. Particle identification performance of a straw Transition Radiation Tracker prototype 69833
Aketa, Y., Haseyama, M., Kitajima, H., Nagai, N. A method for quantizing coefficients of a filter with genetic algorithm 93596
Aketa, Y. *see* Haseyama, M. 114116
Aketagawa, T. *see* Murayama, A. 104570
Akeura, K., Tanaka, M., Nishinaga, A.T., De Boeck, J. Epitaxial ferromagnetic MnAs thin films grown on Si (001): the effect of substrate annealing 61198
Akey, M.L. Fuzzy logic ABS control: sizing theory to implementation 112553
Akgul, T. *see* Sun, H.-Y. 108113
Akhaven, R. *see* Prince, M.R. 69990
Akherraz, M. An improved full-bridge switched mode DC power supply 113727
Akhin'ko, I.A., Grigor'ev, A.T., Gol'dberg, E.Ya., Il'ichev, E.A., Inkin, V.N., Lipshits, T.L., Lotsman, A.P., Orlova, I.G. Thermal oxidation in technology of GaAs integrated circuits 63959
Akhlaghi, F., Pepper, M.G. In-shoe biaxial shear force measurement: the Kent shear system 101065
Akhlestina, S.A. *see* Avrutskii, I.A. 107332
Akhmediev, N. Optical memory based on the long-term photon echo phenomenon 75408
Akhmediev, N., Krolikowski, W., Lowery, A. Influence of the Raman-effect on solitons in optical fibers 116727
Akhmediev, N. *see* Afanasjev, V.V. 107154
Akhmediev, N. *see* Krolikowski, W. 76184
Akhmediev, N.N., Ankiewicz, A., Soto-Crespo, J.M. Solitons locked in phase and group velocity in birefringent optical fibres 76194
Akhmediev, N.N. *see* Afanasjev, V.V. 75841
Akhmediev, N.N. *see* Afanasjev, V.V. 76193
Akhmediev, N.N. *see* Ankiewicz, A. 76141
Akhmediev, N.N. *see* Miller, P.D. 65466
Akhmediev, N.N. *see* Miller, P.D. 78847
Akhmediev, N.N. *see* Miller, P.D. 96659
Akhmediev, N.N. *see* Ostrovskaya, E.A. 76142
Akhmediev, N.N. *see* Soto-Crespo, J.M. 96588
Akhmediev, N.N. *see* Soto-Crespo, J.M. 107159
Akhmediev, N.N. *see* Tikhonenko, V. 65531
Akhmetov, A.A., Kuroda, K., Ono, K., Takeo, M. Dynamics of the current penetration in the finite samples of flat two layer superconducting cables subjected to the time dependent magnetic field 95417
Akhmetov, A.A., Kuroda, K., Takeo, M. Calculation of composites ramp rate sensitivity based on two layer model 95426
Akhrameev, V.I. *see* Ol'khovskii, G.G. 102466
Akhrif, O. *see* Amor, L.B. 102658
Akhsakhalyan, A.D. *see* Blyakhman, Y. 64240
Akhsakhalyan, A.D. *see* Gorbunov, A.A. 92917
Akhtar, A., Zin, A.A.B., Shaibon, H., Lo, K.L. Quantitative evaluation of savings in outage costs by using emergency actions strategy 70762
Akhtar, M. *see* Shetty, S. 70205
Akhutkina, A.I. *see* Chetkin, M.V. 64832
Akiba, E., Huot, J., Iba, H. Laves phase related multiphase alloys 71655
Akiba, K. *see* Ninomiya, A. 95592
Akiba, M., Thani, E.A. Thermodynamic analysis of new combination of supercharged boiler cycle and heat recovery cycle for power generation 91367
Akiba, S. *see* Goto, K. 68396
Akiba, S. *see* Takeda, N. 68370
Akiba, T. *see* Nakamura, M. 104543
Akiba, T. *see* Yamazaki, I. 60693
Akiba, Y. *see* Phetchakul, T. 105858
Akihara, M. *see* Shimizu, K. 98821
Akima, H. Note on local methods of univariate interpolation 82530
Akima, T. *see* Ara, T. 71271
Akimoto, E. *see* Sung Hwan Cho 74133
Akimoto, H. *see* Ozaki, T. 69287
Akimoto, K., Ogawa, T., Maruyama, T., Kitajima, Y. Extended X-ray absorption fine structure study of heavily Cl doped ZnSe 74220
Akimoto, K. *see* Kitajima, K. 65361
Akimoto, K. *see* Maruyama, T. 74157
Akimoto, K. *see* Maruyama, T. 104062
Akimoto, M., Taga, T. Characteristics of a bidirectional printed dipole antenna for street-microcellular systems 108081
Akimoto, T. *see* Nishio, T. 71809
Akimoto, T. *see* Yoshida, H. 84230
Akimoto, Y. *see* Saito, T. 86843
Akimov, A.V. *see* Moskalenko, E.S. 83931
Akimov, A.V. *see* Ouali, F.F. 84297
Akimov, A.V. *see* Ouali, F.F. 105253
Akimov, B.A., L'vova, N.A., Ryabova, L.I. Photoconductivity kinetics in $Pb_{1-x}Mn_xTe(In)$ solid solutions with varying composition 114670
Akimov, I.I. *see* Nikulin, A.D. 95410
Akimov, I.S., Kurshanov, V. Deformation of the graphite cladding of EGP-6 reactors at the Bilibino nuclear power plant under the action of irradiation 121307
Akimov, V. *see* Dikansky, N.S. 89778
Akimova, G.A. *see* Frolov, A.V. 86903
Akimova, G.A. *see* Frolov, A.V. 86904
Akimova, I.V., Eliseev, P.G. Emission of strained-layer InGaAs quantum well under high injection level: Study of band-filling and broadening effects 96363
Akimtsev, V.V., Shatalov, A.A. Determining the coordinates of television images of stars 110202
Akimune, H. *see* Yosoi, M. 120231
Akin, J. *see* Schiesser, T. 94123
Akin, T., Ziaie, B., Najafi, K. A modular micromachined high-density connector for implantable biomedical systems 80189
Akinaga, H., Miyanishi, S., Suzuki, Y. Magnetooptical overcoating of MnSb films by surface oxidation 95334
Akinaga, H. *see* Matsushita, S.I. 74248
Akinaga, H. *see* van Roy, W. 92687
Akindinov, V.V., Lishin, I.V., Sorokina, R.K. Nonlinear input impedance of low-frequency loop antenna in ionospheric plasma 76601
Akinkunmi, B.O. Towards translating system specification to digital circuits 93229
Akinwande, A.I., Horning, R.D., Goldenberg, B.L., Ruden, P.P., King, J. GaN solid state electron emitter 73950
Akinwande, A.I., Johnson, B.R., Holmen, J.O., Murphy, D., Arch, D.K. Thin-film-edge emitter vacuum microelectronics devices for lamp/backlight applications 79624
Akira Ishimaru *see* Tsz-King Chan 70453
Akira Kawanaka *see* Gwang-Su Ho 99632
Akis, R., Vasilopoulos, P. Large photonic band gaps and transmittance antiresonances in periodically modulated quasi-one-dimensional waveguides 64765
Akis, R., Vasilopoulos, P., Blanchet, J., Debray, P. Shape dependence, finite-temperature effects, and resonant tunneling in electron stub tuners 63808
Akis, R. *see* Bird, J.P. 114782
Akishin, B.A., Choni, J.I., Morozov, G.A., Sedelnikov, J.E. The compact polygon for computer-aided measurements of microwave antennas 66026
Akita, H., Kimoto, T., Inoue, N., Matsunami, H. Thermal oxidation of B-doped p-type 6H-SiC and fabrication of MOS diodes 105511
Akita, N. *see* Suzuki, K. 74141
Akita, S. *see* Chibe, H. 102601
Akita, S. *see* Kasahara, H. 95399
Akita, S. *see* Kasahara, H. 95568
Akita, S. *see* Nakaji, K. 71694
Akita, S. *see* Sugimoto, M. 121179
Akita, S. *see* Torii, S. 102631
Akita, S. *see* Tsukamoto, O. 95450
Akita, S. *see* Watanabe, T. 83186
Akita, T. *see* Furumochi, K. 73356
Akita, T. *see* Mochiki, K. 108564
Akiwumi-Assani, O., Vlot, M. Multimedia terminal architecture 98933
Akiya, H. *see* Itsumi, M. 94772
Akiyama, H. *see* Ihara, S. 65017
Akiyama, H. *see* Kono, J. 105391
Akiyama, H. *see* Shimomura, N. 112141
Akiyama, H. *see* Someya, T. 62992
Akiyama, H. *see* Someya, T. 72813
Akiyama, H. *see* Usami, N. 74357
Akiyama, H. *see* Watabe, K. 106210
Akiyama, J., Ohinata, Y., Hikosaka, T., Taguchi, T., Tanaka, Y. Trilayer media for high track density longitudinal recording 75224
Akiyama, K. *see* Kuroyanagi, N. 86041

Akiyama, K. *see* Matsumoto, H. 67774
Akiyama, M., Kobayashi, K., Miki, I., El-Sharkawi, M.A. Auto-tuning method for vector controlled induction motor drives 112440
Akiyama, M. *see* Nakai, Y. 69421
Akiyama, M. *see* Nakai, Y. 89269
Akiyama, M. *see* Suzaki, S. 85098
Akiyama, N., Kitano, A., Yoshida, M., Fujimoto, E., Kohira, H., Fukushima, T. Development of optical measuring equipment for diameter of small and deep hole 89495
Akiyama, N. *see* Monden, M. 98995
Akiyama, N. *see* Yoshimura, T. 82771
Akiyama, T., Blanc, N., de Rooij, N.F. A force sensor using a CMOS inverter in view of its application in scanning force microscopy 74965
Akiyama, T. *see* Baba, Y. 88201
Akiyama, T. *see* Hoshi, H. 100229
Akiyama, T. *see* Matsumoto, H. 81333
Akiyama, T. *see* Tsuji, N. 92892
Akiyama, T. *see* Tsuji, N. 92896
Akiyama, T. *see* Yong-Xia Yang 71536
Akiyama, Y., Kuwabara, N., Ideguchi, T., Tokuda, M. Evaluation of radiofrequency immunity test facilities based on the scattered field of a conductive sphere 65900
Akiyama, Y., Sakamoto, T. Magnetic noise reduction method of inverter driven induction motors using with non-uniform pitched slots core 91508
Akiyama, Y. *see* Miura, S. 83766
Akiyama, Y. *see* Miyake, Y. 81757
Akiyama, Y. *see* Murakami, M. 91793
Akiyama, Y. *see* Sugiura, O. 91981
Akiyama, Y. *see* Tokuda, M.. 67976
Akiyoshi, H. *see* Sagara, K. 120100
Akiyoshi, M., Miwa, S., Nishida, S. The application of virtual reality technology to maintenance task of substations 102916
Akizuki, M., Matsuo, J., Yamada, I., Harada, M., Ogasawara, S., Doi, A. SiO_2 film formation at room temperature by gas cluster ion beam oxidation 92855
Akizuki, M. *see* Yamada, I. 84118
Akizuki, O., Suzuki, S., Mutsuura, K., Ooshita, S. Slot reservation TDMA with parallel transmission: SR-TDMA/PT 99300
Akkara, J.A. *see* Rao, D.V.G.L.N. 75646
Akkara, J.A. *see* Rao, D.V.G.L.N. 85679
Akker, H.E.A.Van den *see* Van den Akker, H.E.A.
Akkerman, A. *see* Barak, J. 73388
Akkerman, A. *see* Barak, J. 74669
Akkerman, A. *see* Barak, J. 104553
Akkerman, A. *see* Barak, J. 105849
Akoh, H. *see* Joosse, K. 75337
Akoh, H. *see* Sato, H. 84901
Akomolafe, T., Oladipo, O. Electrical properties of Fe-clay composite resistors 93942
Akopian, D. *see* Astola, J. 66654
Akopian, D. *see* Vainio, O. 66741
Akopov, A. *see* Seshagiri, N. *(editor)* 112683
Akopyan, A.A., Melikyan, A.O. Passage of optical pulses through polarization interference optical filters 116605
Akos, D.M. *see* Tsui, J.B.Y. 99687
Akpinar, K., Pillay, P., Richards, G.G. Induction motor drive behavior during unbalanced faults 91819
Akram, A.G., Chandhry, G.M. Network object systems expand telecommunication services 87862
Akramullah, S.M., Ahmad, I., Liou, M.L. A portable and scalable MPEG-2 video encoder on parallel and distributed computing systems 88015
Akramullah, S.M., Ahmad, I., Liou, M.L. Parallelization of MPEG-2 video encoder for parallel and distributed computing systems 98941
Akre, J. *see* Hoyer, E. 100455
Akre, J. *see* Humphries, D. 100456
Akre, J. *see* Marks, S. 100441
Akre, R. *see* Decker, F.-J. 100691
Akre, R. *see* Minty, M.G. 89966
Akrivis, G., Crouzeix, M., Thomee, V. Numerical methods for ultraparabolic equations 72712
Akroune, M. *see* Aouli, R. 71763
Akse, J.R. *see* Atwater, J.E. 79455
Akselrod, M.S., McKeever, S.W.S., Moscovitch, M., Emfietzoglou, D., Durham, J.S., Soares, C.G. A thin-layer Al_2O_3:C beta TL detector 110983
Akselrod, S. *see* Zimmer, Y. 80205
Akselrod, S. *see* Zimmer, Y. 110732
Aksenov, I. *see* Kimura, Y. 95957
Aksenov, N.N. *see* Gubarev, V.F. 107790
Aksenova, L.L. *see* Givargizov, E.I. 72905
Aksenova, L.L. *see* Givargizov, E.I. 92664
Aksinenko, V.D., Glagoleva, N.S., Matyushin, A.T., Matyushin, V.T., Nurgozhin, N.N., Saitov, I.S. Some features of spark chambers filled with neon doped with air 69851
Aksinenko, V.D., Volodin, V.D., Glagoleva, N.S., Lukstins, Yu., Matyushin, A.T., Matyushin, V.T., Nurgozhin, N.N., Saitov, I.S. Measuring memory time of a streamer chamber using an additional spark chamber 69852
Aksipetrov, O.A., Rubtsov, A.N., Zayats, A.V., de Jong, W., van Hasselt, C.W., Devillers, M.A.C., Rasing, Th., Mishina, E.D. Generation of resonant second harmonic in multiple Si/SiO_2 quantum wells 74433
Aksu, H.A., Salehi, M. Joint optimization of TCQ-TCM systems 66518
Aksun, M.I. A robust approach for the derivation of closed-form Green's functions 60780
Aksun, M.I. *see* Dural, G. 116993
Aksun, M.I. *see* Gurel, L. 85852
Aktas, B., Durusoy, H.Z. A new technique for measuring the microwave penetration depth in high-T_c superconducting thin films 75311
Aktas, G. *see* Esme, I. 105200
Aktas, O. *see* Look, D.C. 74262
Aktas, O. *see* Look, D.C. 105162
Aktas, O. *see* Mohammad, S.N. 106077
Aktas, O. *see* Song, J.J. 96330
Aktas, O. *see* Suzue, K. 115141
Aktas, O. *see* Wook Kim 74138
Aktas, O. *see* Wook Kim 83855
Aktas, O. *see* Zhifang Fan 95067
Aktas, Y. *see* Willett, J.E. 76046
Aktik, C. *see* Jorio, A. 94330
Aktouf, C., Latrous, Y., Mazare, G. Asynchronous processor network–the project of the Polytechnic Institute of Grenoble 106192
Aktsipetrov, O.A., Fedyanin, A.A., Mishina, E.D., Rubtsov, A.N., van Hasselt, C.W., Devillers, M.A.C., Rasing, T. Probing the silicon-silicon oxide interface of Si(111)-SiO_2-Cr MOS structures by DC-electric-field-induced second harmonic generation 84009
Aktsipetrov, O.A., Fedyanin, A.A., Mishina, E.D., Rubtsov, A.N., Van Hasselt, C.W., Devillers, M.A.C., Rasing, Th. dc-electric-field-induced second-harmonic generation in Si(111)-SiO_2-Cr metal-oxide-semiconductor structures 96733
Aktsipetrov, O.A., Mishina, E.D., Nikulin, A.A., Rubtsov, A.N., Fedyanin, A.A., van Hasselt, C.W., Devillers, M.A.C., Rasing, T. Optical Casimir nonlocality as a source of a macroscopic effect during the generation of the second harmonic in a Si(111)-SiO_2 system 85696
Aktsipetrov, O.A., Misuryaev, T.V., Melnikov, A.V., Murzina, T.V., Randoshkin, V.V. Magnetic field modified second harmonic generation in rare-earth iron garnet films: the role of magnetostriction 96738
Aktsipetrov, O.A. *see* Dadap, J.I. 107584
Aktsipetrov, O.A. *see* Fedyanin, A.A. 94560
Aktsipetrov, O.A. *see* Mishina, E.D. 96743
Aktsipetrov, O.A. *see* Rubtsov, A.N. 107518
Akturan, R., Lin, H.-P., Vogel, W.J. Propagation modeling in land mobile satellite systems using photogrammetry 116886
Akujuobi, C.M. The effects of different wavelets on image reconstruction 108450
Akujuobi, C.M., Man Kam Kwong Analysis of wavelet image compression using nonorthogonal and orthogonally compensated W-transforms 108451
Akulinichev, V. *see* Pivinsky, E. 107184
Akulinichev, Yu.P., Golikov, A.M., Sharygin, G.S. Wave scattering from moving turbulence and wind velocity measurements 80632
Akulov, V.V. *see* Abroyan, M.A. 107127
Akune, T., Miyamoto, S., Sakamato, N., Miura, O., Tanaka, Y., Yamafuji, K. Flux creep of proximity-induced magnetization in NbTi multifilamentary wires with Cu-Mn matrix 75341
Akunuri, V. *see* Morris, J.M. 117580
Akutsu, A., Tonomura, Y. Video tomography–an efficient method for camerawork extraction and motion analysis 67430
Akutsu, T. *see* Noda, H. 96417
Akutsu, Y. *see* Toda, K. 69517
Akutsu, Y. *see* Toda, K. 89510
Akyel, C. *see* Abdulnour, J. 69442
Akyel, C. *see* Ciureanu, P. 115475
Akyel, C. *see* Jifu Huang 65909
Akyildiz, I.F., Ho, J.S.M., Ulema, M. Performance analysis of the anchor radio system handover method for Personal Access Communications System 88278
Akyildiz, I.F., Ho, J.S.M., Yi-Bing Lin Movement-based location update and selective paging for PCS networks 99381
Akyildiz, I.F., Ho, S.M. On location management for personal communications networks 109463
Akyildiz, I.F., Liebeherr, J., Sarkar, D. Bandwidth regulation of real-time traffic classes in internetworks 67779
Akyildiz, I.F. *see* Ho, J.S.M. 78444
Akyildiz, I.F. *see* Ho, J.S.M. 119064
Akyildiz, I.F. *see* Liebeherr, J. 87290
Akyildiz, I.F. *see* Wei Yen 87859
Akylidiz, I.F., Wei Yen A new hierarchical architecture for multimedia distribution in integrated services networks 78202
Akyol, B.A., Cox, D.C. Handling mobility in a wireless ATM network 88279
Al Chang *see* Josberger, E.G. 80665
Al Haddad, K. *see* Daniel, F. 71471
Al Hassan, A.A.-R. *see* Al-Hilal, S. 71189
Al Jabri, A.Kh., Al-Asmari, A.Kh. Secure progressive transmission of compressed images 108912
Al Zahawi, B.A.T. *see* Abderrazzaq, M. 80836
Al Zahawi, B.A.T. *see* Vickers, S.I. 121376
Al-Ahmad, H. *see* Hussain, S. 99642
Al-Akaidi, M. *see* Al-Fadel, H.O. 90262
Al-Akayshee, Q.H., Eastham, J.F. A comparison between AC side excited heteropolar and homopolar synchronous machines 111922
Al-Akayshee, Q.H. *see* Leonard, P.J. 71242
Al-Alaoui, M.Adnan *see* Adnan Al-Alaoui, M.
Al-Alawi, S.M., Islam, S.M. Principles of electricity demand forecasting. I. Methodologies 80972
Al-Alawi, S.M., Islam, S.M. Short-term load forecasting for the Muscat power system using artificial neural networks 121073
Al-Alawi, S.M. *see* Al-Dallal, S. 72885
Al-Alawi, S.M. *see* Al-Dallal, S. 92900
Al-Ali, A.Khalaf *see* Khalaf Al-Ali, A.
Al-Allak, H.M., Brinkman, A.W., Richter, H., Bonnet, D. Dependence of CdS/CdTe thin film solar cell characteristics on the processing conditions 81886
Al-Allak, H.M. *see* Loginov, Y.Y. 102988
Al-Ani, T., Hamam, Y. An integrated environment for hidden Markov models–a Scilab toolbox 117294
Al-Arainy, A.A. The influence of dust particles on the DC breakdown voltage of rod-rod air gaps 64067
Al-Arashi, A.A., Cooper, C.B., Bollen, M.H.J. Knowledge based system for distribution system design 91136
Al-Arian, S.A. *see* Athan, S.P. 106202
Al-Asadi, M., Benson, T.M., Christopoulos, C. A method for incorporating charged particle motion within a 2-D TLM field code 73933
Al-Ashwal, A.M., Moghram, I.S. Proportion assessment of combined PV-wind generating systems 111852
Al-Asmari, A.Kh. *see* Al Jabri, A.Kh. 108912
Al-Baali, M., Fletcher, R. On the order of convergence of preconditioned nonlinear conjugate gradient methods 60963
Al-Bader, S.J. Application of etched grooves in integrated-optics channel isolation 85080
Al-Basri, F. *see* Talaq, J. 101904
Al-Bayati, A.H. *see* Rabalais, J.W. 61287
Al-Bustani, A., Feteha, M.Y. Design of antireflection coatings for triple heterojunction AlGaAs-GaAs space solar cells 71697
Al-Bustani, A., Mostafa, A.S. Minority carrier transport in bulk unipolar transistors with polysilicon emitters 115264
Al-Bustani, A., Yaseen, N.M. A simple CAD model for static characteristics of poly-silicon switching structures 115130
Al-Daas, M. *see* Tellez, J.R. 74763
Al-Dabass, D. *see* Hu, Z. 93469
Al-Dabbagh, A., Darnell, M. A class of analogue CDMA sequences 76731
Al-Daghrier, H.M. *see* Abuelma'atti, M.T. 73590
Al-Dallal, S., Al-Alawi, S.M., Aljishi, S., Hamman, M., Arekat, S. Hydrogenated amorphous carbon-sulfur alloy thin films grown from a CH_4 and H_2S gas mixture by rf glow discharge 72885
Al-Dallal, S., Arekat, S., Al-Alawi, S.M., Aljishi, S., Bannai, R. Preparation, structural and optical properties of novel hydrogenated and fluorinated amorphous silicon-sulfur alloys 92900
Al-Dhafiri, A.M. Electrical properties of UV photochemically treated CdTe 74603
Al-Dhahir, N. Joint channel and echo impulse response shortening on digital subscriber lines 118699
Al-Dhahir, N., Ciofa, J.M. Efficient computation of the delay-optimized finite length MMSE-DFE 66829
Al-Dhahir, N., Cioffi, J.M. Efficiently computed reduced-parameter input-aided MMSE equalizers for ML detection: a unified approach 67499
Al-Dhahir, N., Cioffi, J.M. Symbol rate optimization for the MMSE-DFE on bandlimited dispersive channels 88062
Al-Eideh, B.M. Quasi stationary distributions in Markov chains with absorbing subchains 103590
Al-Fadel, H.O., Al-Akaidi, M. Health care technology support management. A perspective for developing countries 90262
Al-Fahed, S.F. *see* Abdel-Rahman, A.A. 89564
Al-Fayuomi, M. *see* Al-Omary, A.Y. 114005
Al-Gallaf, E., Warwick, K. Fuzzy membership function based neural employment in visual servoing and manipulation by a multi-fingered robot hand 97954
Al-Garni, M. *see* Abdulhadi, M. 91729
Al-Haddad, K. *see* Ghanem, M.C. 71535
Al-Haddad, K. *see* Sharma, V.K. 112451
Al-Haddad, K. *see* Singh, B.N. 112645
Al-Hashimi, B. Understand the fundamentals of passive video filters 83193
Al-Hashimi, B. New dual output transconductance amplifier based biquad 104699
Al-Hilal, S., Al Hassan, A.A.-R., Illing, F. Technical and economic aspects of the use of photovoltaics in the Syrian Arab Republic (SAR) 71189
Al-Hussaini, E.K., El-Mashade, M.B. Performance of cell-averaging and order-statistic CFAR detectors processing correlated sweeps for multiple interfering targets 78966
Al-Ibrahim, M.M., Al-Khateeb, A.M. Efficient low-frequency digital sinusoidal oscillator 93542
Al-Ibrahim, M.M., Al-Khateeb, A.M. Extremely low sensitivity digital sinusoidal oscillator structure 104395
Al-Jalili, Y.O., Morel, S., Abu-Naaj, M.S. Automatic classification of modulation schemes 76697
Al-Jassim, M. *see* Levi, D.H. 94368
Al-Jassim, M.M. *see* Dhere, R.G. 112367
Al-Jassim, M.M. *see* Levi, D.H. 112368
Al-Jassim, M.M. *see* Menna, P. 72857

Al-Jassim, M.M. *see* Wanlass, M.W. 103038
Al-Jibouri, A. *see* Donnelly, C.M. 72914
Al-Kadi, I.A. Evaluation of capacity and spectral efficiency of the emerging digital mobile systems 99294
Al-Kalaani, Y., Villaseca, F.E., Renovich, F., Jr. Storage and delivery constrained unit commitment 70802
Al-Kandari, A.M. *see* Soliman, S.A. 91556
Al-Kandari, A.M. *see* Soliman, S.A. 102029
Al-Kanhal, M.A., Arvas, E. Electromagnetic scattering from a chiral cylinder of arbitrary cross section 85828
Al-Khalili, A.J. *see* Pagey, S. 93244
Al-Khalili, D. *see* Latour, H. 118711
Al-Khateeb, A.M. *see* Al-Ibrahim, M.M. 93542
Al-Khateeb, A.M. *see* Al-Ibrahim, M.M. 104395
Al-Khayyal, F.A. *see* Sherali, H.D. 82486
Al-kofahi, I.S., Zhang, J.F., Groeseneken, G. On the hot hole induced post-stress interface trap generation in MOSFET's 95029
Al-Kuran, S., Scheinberg, N., Van Saders, J. Determining distortion parameters of GaAs MESFETs 115254
Al-Mawsawi, S.A., Coonick, A. Analysis, simulation and implementation of a PWM based UPFC 70770
Al-Mazroo, A.Y. *see* Zekry, A. 71695
Al-Naggar, K. *see* Soliman, S.A. 102029
Al-Nashash, H., Qassem, W., Zabin, A., Othman, M. ECG response of the human body subjected to vibrations 80383
Al-Noman, A. Formulating a packet switching data network architecture for developing countries 118491
Al-Nuaimi, M. *see* Hammoudeh, A. 65836
Al-Nuaimi, M.O. Site shielding and other interference reduction strategies in COST 235 97142
Al-Numay, M., Taylor, D.G. A piecewise linear method for digital control of PWM systems 121638
Al-Ohali, M.A. *see* Raashid, M. 119969
Al-Olyan, S.A. *see* Lo, K.L. 91074
Al-Omari, I.A., Singleton, E.W., Zheng, Y., Hadjipanayis, G.C., Sellmyer, D.J. Mossbauer study of permanent-magnet $R_2Fe_{17-x}M_xC_y$ compounds 64215
Al-Omary, A.Y., Al-Fayuomi, M. Instruction set optimization algorithm based on branch-and-bound method 114005
Al-Orainy, A.A., O'Reilly, J.J. Optimized threshold setting for performance enhancement of spectrum sliced WDM systems 68407
Al-Qahtani, M.A. *see* Abuelma'atti, M.T. 73525
Al-Qenaie, A.Y.M. *see* Khan, W.I. 83867
Al-Rabghi, O.M. *see* Kinsara, A.A. 112611
Al-Radhi, M., Heuer, J. Total productive maintenance. A concept designed to enhance the efficiency of production facilities 112836
Al-Rashed, S.A. *see* Barakat, E.H. 121063
Al-Refaie, S.N. A generalized representation for dielectric dispersion 64025
Al-Saie, A.M. *see* Rahman, M.H. 105205
Al-Saleh, M.A., Gultekin, S., Al-Zakri, A.S., Khan, A.A.A. Steady state performance of copper impregnated Ni/PTFE gas diffusion electrode in alkaline fuel cell 91727
Al-Saleh, M.A. *see* Gultekin, S. 81741
Al-Saqer, A. *see* Khachab, N.I. 104738
Al-Sayed, H.A., El-Nady, N.M., El-Ramly, S.H. A proposed amendment for sliding window protocol under asymmetric traffic loading communication links 77739
Al-Semari, S.A., Fuja, T.E. Reliable communication over the Rayleigh fading channel with I-Q TCM 68039
Al-Shahrani, A.A., Abboudy, S., Brinkman, A.W. Absence of the Coulomb gap at the Fermi level in the variable-range hopping regime of zinc stannate polycrystalline systems 105190
Al-Shahrani, S.M. *see* Abuelma'atti, M.T. 73152
Al-Shahrani, S.M. *see* Abuelma'atti, M.T. 73539
Al-Shamma'a, A., Stuart, R.A., Lucas, J. A wiggler magnet for a CW-FEM 96086
Al-Shamma'a, A. *see* Dearden, G. 96505
Al-Shamma'a, A. *see* Shaw, A. 96080
Al-Shamma'a, A.I. *see* Balfour, C. 96558
Al-Shaoosh, M. *see* Afandi, A. 114240
Al-Shareef, H.N., Chen, X., Lichtenwalner, D.J., Kingon, A.I. Analysis of the oxidation kinetics and barrier layer properties of ZrN and Pt/Ru thin films for DRAM applications 114989
Al-Shareef, H.N., Dimos, D., Warren, W.L., Tuttle, B.A. Voltage offsets and imprint mechanism in $SrBi_2Ta_2O_9$ thin films 115457
Al-Shareef, H.N. *see* Dimos, D. 95282
Al-Shareef, H.N. *see* Tuttle, B.A. 106400
Al-Shareef, H.N. *see* Warren, W.L. 95284
Al-Shaykh, O.K., Mersereau, R.M. Lossy compression of noisy cardiac image sequences 90395
Al-Shehri, A.M. *see* Farag, A.S. 102136
Al-Sheikhly, M. *see* McLaughlin, W.L. 120566
Al-Sheikhly, M. *see* Yalamanchili, P. 93990
Al-Smadi, A., Wilkes, D.M. Parameters and order estimation for non-Gaussian ARMA processes 108265
Al-Sulaiman, F.A., Zubair, S.M. A survey of energy consumption and failure patterns of residential air-conditioning units in eastern Saudi Arabia 112613
Al-Sultan, K.S., Hussain, M.F., Nizami, J.S. A genetic algorithm for the set covering problem 60837
Al-Taee, M.A., Mellor, P.H., Binns, K.J. Acoustically quiet PWM inverter employing paralleled power MOSFET modules 121739
Al-Tai, M.A. *see* Howson, P.A. 81166
Al-Tawil, K.M. *see* Abd-El-Barr, M.H. 109055
Al-Towaiq, M.H. Reverse process of absorbing Markov chains with r absorbing states 103589
Al-Turaigi, M.A. A VLSI system to speedup the computation of fourth-order moments 87025
Al-Wali, A.A., Evans, D.J. The explicit alternating direction methods for partial differential equations 92616
Al-Wali, A.A. *see* Evans, D.J. 72614
Al-Zakri, A.S. *see* Al-Saleh, M.A. 91727
Al-Zakri, A.S. *see* Gultekin, S. 81741
Al-Zamel, A., Kalla, S. Epstein-Hubbell elliptictype integral and its generalizations 72701
Al-Zonan, A., DeDourek, J., Kurz, B. Modelling cellular radio channels for asynchronous data transmission 99385
Ala, G., Francomano, E., Tortorici, A. Parallel approach for transients in grounding systems 97177
Alabbas, S.H., Ashworth, D.C., Bezzaa, B., Momin, S.A., Narayanaswamy, R. Factors affecting the response time of an optical-fibre reflectance pH sensor 79441
Alaev, A.A. *see* Khabibulaev, P.K. 81915
Alahakoon, U.S.K., Wijayakulasooriya, J.V., Kithsiri, B.A.J., Balasooriya, B.A.A.P., Hoole, P.R.P. Dual-motor controller for laboratory model auto guided vehicle 91906
Alais, P. *see* Ollivier, F. 88722
Alajaji, F., Nam Phamdo, Fuja, T. Channel codes that exploit the residual correlation in CELP-encoded speech 66567
Alajaji, F. *see* Burlina, P. 67716
Alajaji, F.I., Phamdo, N.C., Fuja, T.E. Channel codes that exploit the residual redundancy in CELP-encoded speech 108225
Alakula, M., Cedell, T., Persson, M., Sjoberg, L. An iron composite based switched reluctance machine 91487
Alakula, M. *see* Templin, P. 91535
Alam, M.S. Fractional power fringe-adjusted joint transform correlation 86971
Alam, M.S. Classical phase-only and inverse filtering using joint transform correlation 87239
Alam, M.S., Ahuja, Y., Cherri, A.K., Chatterjea, A. Symmetrically recoded quaternary signed-digit arithmetic using a shared content-addressable memory 75628
Alam, M.S. *see* Ahmed, F. 86969
Alam, M.S. *see* Majumder, S.P. 68493
Alam, S.K., Parker, K.J. Reduction of computational complexity in the butterfly search technique [ultrasonic blood flow imaging] 80337
Alam, T. *see* Boglione, L. 113700
Alamares, A.L., Caseria, E.S. Calibration of dosemeters and survey instruments for photons 70294
Alameh, K.E., Minasian, R.A. Modelling the susceptibility of saturated erbium-doped amplifiers 75842
Alami, M., Charbonnier, M., Romand, M. Interest of NH_3 and N_2 plasmas for polymer surface treatment before "Electroless" metallization 82775
Alammari, R. *see* Lo, K.L. 102656
Alamo, J.A.Del *see* Del Alamo, J.A.
Alanko, T., Kojo, M., Laamanen, H., Raatikainen, K., Tienari, M. Mobile computing based on GSM: the Mowgli approach 118361
Alarcon, E.Chavez *see* Chavez Alarcon, E.
Alarcon, R. *see* Zhou, Z.-L. 110536
Alaruri, S.D., Bianchini, L., Brewington, A., Jilg, T., Belcher, B. Integrating sphere method for determining the effective spectral emissivity of superalloys at high temperatures using a single wavelength pyrometer 119931
Alastruey, C.F. *see* Santamaria, C. 80976
Alatalo, M. Permanent magnet machine 91462
Alaverdov, V.V. *see* Gorish, A.V. 84687
Alaverdov, V.V. *see* Mokrov, Ye.A. 79387
Alavi, D.S. *see* Gragson, D.E. 107217
Alavi, H. *see* Bakhtiar, B. 86237
Alavi, H. *see* Gazor, S. 86236
Alavi, K. *see* Hilber, W. 114777
Alavi, K. *see* Stormer, J. 104008
Alavi, R., Schilling, D.L., Shahrabi, K. On the spectral efficiency of constrained FM 66258
Alavi, R., Schilling, D.L., Shahrabi, K. On the spectral efficiency of constrained FM 117132
Alavie, A.T. *see* Ohn, M.M. 116027
Alavie, A.T. *see* Xu, M.G. 116018
Alawaji, S.H. Wind energy resource assessment in Saudi Arabia. I. Network design and description 91412
Alay, J.L., Fukuda, M., Nakagawa, K., Yokoyama, S., Hirose, M. Evaluation of charging effects during X-ray photoelectron spectroscopy measurements of ultra-thin SiO_2/Si interfaces 94607
Alayli, Y. *see* Bendamardji, S. 69344
Alba, J.J., Roman, T.G.S., Aguilera, A. Procurement and remuneration of ancillary services in competitive environments: the example of Argentina and proposals for California [electricity supply] 91009
Alba, J.L., Docio, L. CMHNN: a constructive modular hybrid neural network for classification 108514
Alba, P.S. *see* Aiazzi, B. 111120
Alba, P.S. *see* Aiazzi, B. 120699
Alba, R. *see* Bellia, G. 90238
Alba, R. *see* Bellia, G. 100996
Alba-Flores, R., Drakunov, S., Barbieri, E. An ∞-LQ regulator and sliding mode controller for a flexible structure with synchronous motor 71267
Albach, M., Durbaum, T., Brockmeyer, A. Calculating core losses in transformers for arbitrary magnetizing currents a comparison of different approaches 121692
Albanese, A. *see* Oppliger, R. 112812
Albanese, R., Hantila, F.I., Rubinacci, G. A nonlinear eddy current integral formulation in terms of a two-component current density vector potential 65692
Albanese, R., Rubinacci, G., Canali, M., Stangherlin, S., Musolino, A., Raugi, M. Analysis of a transient nonlinear 3-D eddy current problem with differential and integral methods 65690
Albanese, R. *see* Mondino, P.-L. 64567
Albanesi, M. Optoelectronic coupling devices for motor control 106972
Albanesi, M.G., Antola, A., Ferretti, M., Negrini, R. A chip-set for the generalized Hough transform 104607
Albares, D.J. *see* Chang, C.T. 96387
Albares, D.J. *see* Sun, C.K. 116235
Albasha, L., Snowden, C.M. TLM time-domain modelling and the use of windowing profiles for frequency-domain transformations applied to microwave cavity resonators 62160
Albasha, L., Snowden, C.M. An integrated simulation technique for the modelling of lumped elements using the TLM method 62219
Albasha, L., Snowden, C.M. New integrated simulation techniques for the electromagnetic analysis of microwave circuits using the TLM method 114195
Albayrak, S., Meyer, U., Bamberg, B., Fricke, S., Tobben, H. Intelligent agents for the realization of electronic market services 87559
Albella, J.M. *see* Sanchez, O. 92824
Albella, J.M. *see* Sanchez-Garrido, O. 106293
Alberdi, B. *see* Perez, A. 104903
Alberdi, B. *see* Perez, A. 112078
Alberkrack, J.H., Somerville, T.A. An economical multi-chemistry fast charge controller 91713
Albernhe, F. *see* Naya, J.E. 69895
Alberotanza, L. *see* Svanberg, S. 101579
Albers, D., Bisplinghoff, J., Bollmann, R., Buesser, K., Cloth, P., Diehl, O., Dohrmann, F., Drueke, V., Engelhardt, H.P., Ernst, J., Eversheim, P.D., Filges, D., Gasthuber, M., Gebel, R., Greiff, J., Gross, A., Gross-Hardt, R., Heine, A., Heider, S., Hinterberger, F., Igelbrink, M., Jahn, R., Jeske, M., Langkau, R., Lindlein, J., Maier, R., Maschuw, R., Mayer-Kuckuk, T., Mertler, G., Metsch, B., Mosel, F., Mueller, M., Muenstermann, M., Paetz gen. Schieck, H., Petry, H.R., Prasuhn, D., Rohdjess, H., Rosendaal, D., Ross, U., Von Rossen, P., Scheid, H., Schirm, N., Schulz-Rojahn, M., Schwandt, F., Scobel, W., Steeg, B., Sterzenbach, G., Trelle, H.J., Wellinghausen, A., Wiedmann, W., Woller, K., Ziegler, R. Studies on scintillating fiber response 69756
Albers, G.W. *see* Marks, M.P. 90325
Albers, H., Hilderink, L.T.N., Szilagyi, E., Paszti, F., Lambeck, P.V., Popma, T.J.A. Reduction of hydrogen induced losses in PECVD-SiO_xN_y optical waveguides in the near infrared 64739
Albers, H. *see* de Ridder, R.M. 64663
Albers, J. HOTPAC: programs for thermal analysis including version 3.0 of the TXYZ program, TXYZ 30, and the Thermal MultiLayer program, TML 74672
Albers, J.N. *see* Behammer, D. 105908
Albers, K. *see* Albrecht, J. 111471
Albert, B., Jayasumana, A.P. Hierarchical FDDI — an approach for FFOL 87793
Albert, D., Kraus, J., Kurtz, E., Einfeldt, S., Hommel, D. Raman spectroscopy and selective pair luminescence on ZnSe:N 74204
Albert, H., Preotescu, D. The safety of the system nodes–an essential factor for determining the electric power supply conditions 71931
Albert, H., Vatra, F., Ungureanu, M. Some up-to-date issues regarding the outlook upon the organizing and equipping of the computer systems necessary for an efficient dispatching management (EMS/SCADA) of the national power system 101793
Albert, H., Vatra, F., Ungureanu, M. Aspects regarding the working out of the conception and design of a network branch office (NBO) integrated computer system [power network automation] 101794
Albert, J., Theriault, S., Bilodeau, F., Johnson, D.C., Hill, K.O., Sixt, P., Rooks, M.J. Minimization of phase errors in long fiber Bragg grating phase masks made using electron beam lithography 106798
Albert, J. *see* Bilodeau, F. 78774
Albert, J. *see* Knights, A.P. 85055
Albert, J. *see* Tanaka, T. 76020
Albert, J. *see* Theriault, S. 64662
Albert, J. *see* Verhaegen, M. 76117

Albert, O., Loulergue, J.C., Etchepare, J. Linear phase variation measurement in a nonlinear Kerr lens 76205
Albert, R., Fritsch, R., Crombach, U. Increased profitability through introduction of work preparation in the construction of networks and installations 80985
Albertazzi, E., Bianconi, M., Lulli, G., Nipoti, R., Carnera, A., Cellini, C. Dynamic Monte Carlo simulation of nonlinear damage growth during ion implantation of crystalline silicon 94696
Albertazzi, E. *see* Priolo, F. 94710
Alberti Segundo, S.M. *see* Soppart, O. 81610
Albertini, J.B. *see* Cortial, F. 95380
Albertini, J.B. *see* Rahman, I.Z. 115589
Alberto, F.W., Jr. PCMCIA's: Evolutionary and revolutionary changes to thin card fabrication 104932
Alberto Salinas, R., Richardson, C., Abidi, M.A., Gonzalez, R.C. Data fusion: color edge detection and surface reconstruction through regularization 67403
Alberts, H.L. *see* Mochele, J.T. 84767
Alberts, W.G. *see* d'Errico, F. 110966
Albertson, L. *see* Amerson, R. 61784
Albertson, L. *see* Amerson, R. 104521
Albertson, M.O., Haas, R. Bounding functions and rigid graphs 92488
Albertson, V.D. *see* Kamath, G. 91145
Albertz, D., Dappen, S., Henneberger, G. Calculation of the 3D nonlinear eddy current field in moving conductors and its application to braking systems 71844
Albertz, D., Dappen, S., Henneberger, G. Calculation of the induced currents and forces for a hybrid magnetic levitation system 112551
Albertz, J. *see* Schubert, M. 119865
Albesano, D., Mana, F., Gemello, R. Speeding up neural network execution: an application to speech recognition 108217
Albeverio, S., Haake, F., Kurasov, P., Kus, M., Seba, P. *S*-matrix, resonances, and wave functions for transport through billiards with leads 114741
Albin, D. *see* Li, X. 112366
Albin, D. *see* Niles, D.W. 91737
Albinsson, M. A novel burst transmission system: Analyses and results 99063
Albinus, G. Thermodynamics of energy models of semiconductor devices 115124
Albo, L. *see* Coello-Vera, A. 114487
Albors, J. *see* Poveda, J. 99420
Albrand, G. *see* Maure, S. 116184
Albrecht, E. *see* Adam, W. 69709
Albrecht, E.D. *see* Stevens, D.W. *(editor)* 82063
Albrecht, G. *see* Phipps, C.R. 80679
Albrecht, G.F. *see* Sutton, S.B. 85566
Albrecht, H. *see* Zondy, J.-J. 96684
Albrecht, H.-J., Gamalski, J., Petzold, G. Metallurgical, interfacial and constructive aspects on the reliability of BGA solder joints 92237
Albrecht, I. *see* Schulze, S. 63849
Albrecht, J., Albers, K., Stelzner, P. A new approach for predictive automatic generation control 111471
Albrecht, J. *see* Pham, M.T. 63141
Albrecht, J.D., Cong, L., Ruden, P.P., Nathan, M.I., Smith, D.L. Resonant tunneling in (001)- and (111)-oriented III-V double-barrier heterostructures under transverse and longitudinal stresses 74320
Albrecht, J.D. *see* Cong, L. 74780
Albrecht, J.D. *see* Cong, L. 82611
Albrecht, L., Gelfort, E. Characterization of the cable fire in Block 1 of the Greifswald nuclear power plant 71066
Albrecht, M. *see* Kuehnle, J. 84166
Albrecht, M. *see* Steffen, R. 94547
Albrecht, P., Heidrich, H., Loffler, R., Mori, L., Reier, F., Weinert, C.M. Integration of polarisation independent mode transformers with uncladded InGaAsP/InP rib waveguides 75501
Albrecht, P. *see* Kuenzel, H. 103954
Albrecht, P. *see* Lilienblum, T. 108599
Albrecht, T. *see* Sternschulte, H. 82713
Albregtsen, F. *see* Baheerathan, S. 101184
Albregtsen, F. *see* Wang Xinh 97981
Albregtsen, F. *see* Yang, L. 77410
Albregtsen, F. *see* Yogesan, K. 97983
Albright, D. *see* He, J. 87602
Albright, R.E., Hussain, A., Kurz, L. Robust two-sample m-interval partition detectors with application to image processing 117745
Albritton, I. *see* Beck, W.A. 69289
Albritton, N. *see* Deis, G. 106719
Albu, R. *see* Ngai, T. 113854
Albulet, M., Radu, S. Collector amplitude modulation of the class E tuned power amplifier with finite DC-feed inductance 73120
Albulet, M., Radu, S. Exact analysis of Class E frequency multiplier with finite DC-feed inductance at any output Q 73591
Albulet, M., Radu, S. An optimum trade-off in RF choke design from class E amplifiers/multipliers 93138
Albulet, M. *see* Radu, S. 93183
Albuquerque, A.A. *see* Cercas, F.A.B. 78624
Albuquerque, A.A. *see* Correia, A.M.C. 68147
Albuquerque, A.A. *see* Rodrigues, A.J. 109499
Albuquerque, C.V.N.de *see* de Albuquerque, C.V.N.
Albuquerque, E., Fernandes, J., Silva, M. NMOS current-balanced logic 61849
Albuquerque, E.L., Albuquerque, M.R.M.L., d'Assuncao, A.G. Characteristics of microstrip directional coupler on magnetized ferrites 75152
Albuquerque, M.R.M.L., d'Assuncao, A.G., Giarola, A.J. On the properties of microstrip directional couplers on magnetized ferrimagnetic layers 114207
Albuquerque, M.R.M.L. *see* Albuquerque, E.L. 75152
Albuquerque Pinheiro, A.L.De *see* De Albuquerque Pinheiro, A.L.
Alburger, D.E. Removal of phototubes from Pb-glass detectors. III 69802
Albusaidi, K.H., Lucas, G. Measurement of multiple velocities in multiphase flow 69046
Albuyeh, F. Evolution of power application software 101861
Alcantara, J.M.S., Oliveira, C.E.T., Anido, M.L. A novel circuit extraction tool based on X-Spans and Y-Spans 104289
Alcazar, G.A.Perez *see* Perez Alcazar, G.A.
Alcazar, J. *see* Naylor, P.A. 98906
Alcock, A.J., Bernard, J.E. Diode-pumped, grazing incidence slab lasers 65139
Alcock, M.A. *see* Murphy, K.A. 69229
Alcouffe, G. *see* Mathieu, J. 88754
Alcubilla, R. *see* Marsal, L.F. 74332
Alcubilla, R. *see* Marsal, L.F. 105839
Alcubilla, R. *see* Vilanova, X. 110265
Aldag, H.R. *see* Minnigh, S.W. 96128
Aldave-Matar, R., Ley-Koo, M. A statistical mechanics approach to digital image processing: image enhancement 86956
Aldebert, P. *see* Michalak, F. 116103
Aldemir, T., Belhadj, M., Dinca, L. Process reliability and safety under uncertainties 81285
Aldemir, T. *see* Belhadj, M. 81231
Alden, R.T.H. Internet tools for engineers–a Technical Society member perspective 87712
Alder, C. *see* Webster, M. 82174
Alder, M. *see* Dunstan, P. 66960
Alderman, J. *see* Garde, A. 69067
Alderman, J.C. *see* De Courcy, M. 63629
Alderman, J.L. *see* Holland, C.K. 90472
Aldinger, F. *see* Schafer, G.W. 112325
Aldis, G.K. *see* Thompson, R.S. 69949
Aldrich, D.B., Chen, Y.L., Sayers, D.E., Nemanich, R.J., Ashburn, S.P., Ozturk, M.C. Effect of composition on phase formation and morphology in Ti-$Si_{1-x}Ge_x$ solid phase reactions 74618
Aldrich, R.E. Three-element infrared optically compensated two-position zooms for commercial FLIRs 69238
Aldridge, B., Sharif, N., Yum, E., Serhan, F. Detection and measurement of hot carrier degradation associated with asymmetric p-channel transistors 63950
Aldridge, J. *see* Wallace, E. 119489
Aldridge, R.L. *see* Rizkalla, M.E. 98977
Aldridge, R.V. *see* Bangham, J.A. 67237
Alebastrov, V.A. *see* Evstratov, F.F. 68669
Alecci, M. *see* McCallum, S.J. 90319
Aleev, A.N., Aref'ev, V.A., Balandin, V.P., Gavrishchuk, O.P., Zinchenko, A.I., Ivanchenko, I.M., Kamburyan, A.F., Kapishin, M.N., Karpenko, N.N., Kvirikashvili, G.A., Kekelidze, V.D., Kirillov, D.A., Kosarev, I.G., Kuz'min, N.A., Morozov, A.N., Odishvili, A.K., Potrebenikov, Yu.K., Progulova, T.B., Sashin, V.A., Spaskov, V.N., Tatishvili, G.T., Khristov, P.Z., Semenov, V.K., Devitsin, E.G., Kozlov, V.A., Zavertyaev, M.V. A threshold gaseous 32-channel Cerenkov counter of the EXCHARM spectrometer 120186
Alegret, A. *see* O'Callaghan, J.M. 104809
Alei, S., Nallo, C.D., Fascetti, M., Frezza, F., Galli, A., Gerosa, G. Theoretical and experimental analysis of ferrite circular resonators in nonradiative dielectric structures 93728
Alejos, O., de Francisco, C., Hernandez, P., Munoz, J.M., Vicente, J., Enriquez, L. Direct determination of relaxation parameters in deep-level transient spectroscopy experiments 63558
Alejos, R. *see* Montero, O. 81996
Alejos-Palomares, R. *see* Baez-Lopez, D. 60435
Aleksan, R., Amadon, A., Besson, P., Bourgeois, P., Le Meur, J., Robert, J.P. A plastic material with high optical transmission in the UV range 62561
Aleksan, R. *see* Abbes, M. 90145
Aleksandrov, A.V. *see* Kartashov, V.Ya. 67175
Aleksandrov, B.P., Stepanov, A.A., Shcheglov, V.A. Energy capabilities of a supersonic CW HF laser operated in pulse-periodic regime 85359
Aleksandrov, G.N. Electric power transmission over very long distances 70827
Aleksandrov, G.N. Transfer capability of overhead transmission lines 102192
Aleksandrov, G.N., Gerasimov, Yu.A. Electric strength of three-phase insulation systems on masts of a compact electric power transmission line 121202
Aleksandrov, K.S., Sorokin, B.P., Turchin, P.P., Burkov, S.I., Glushkov, D.A., Karpovich, A.A. Effects of static electric field and of mechanical pressure on surface acoustic waves propagation in $La_3Ga_5SiO_{14}$ piezoelectric single crystals 106330
Aleksandrov, N. *see* Braunovic, M. 62417
Aleksandrov, O.V., Afonin, N.N. Model for the buildup of phosphorus at silicon surfaces 114857
Aleksandrov, S.O. *see* Fokin, Yu.A. 121067
Aleksandrova, E.L. *see* Cherkasov, Yu.A. 65571
Aleksandrovski, A.L. *see* Le Bihan, R. 106362
Aleksandrovskii, A.L., Gliko, O.A., Naumova, I.I., Pryalkin, V.I. Linear and nonlinear diffraction gratings in lithium niobate single crystals with a periodic domain structure 85103
Aleksandrovskii, A.L., Volkov, V.V. Quasi-phase-matched second-harmonic generation under nonlinear diffraction conditions 85579
Alekseenko, G.A. *see* Taran, V.V. 67570
Alekseeva, G.T. *see* Svechnikova, T.E. 94444
Alekseyev, A.A., Baranov, V.A., Berezhnykh, I.L. Signal parameter estimation methods immune to lumped interference action 66774
Alekseyev, V.G., Leviush, A.I. Influence of a zero-sequence capacitive suspectedness of long overhead lines on carrier current and differential protection functioning 102188
Aleksic, O.S. *see* Jenei, S.M. 73835
Alem, F.El *see* El Alem, F.
Alem Fadlallah Ali, F.El *see* El Alem Fadlallah Ali, F.
Alen, J.M. *see* Blanco-Garcia, J. 107631
Alencar, C.D.de *see* de Alencar, C.D.
Alencar, M.S. The capacity of a CDMA wireless system 99118
Alencar, M.S. The effect of fading on the capacity of a CDMA channel 99207
Alencar, M.S., Assis, F.M. Use of the RAKE receiver to counterbalance the effect of fading on the capacity of a CDMA channel 109508
Alencar, M.S. *see* Assis, F.M. 98417
Alengrin, G. *see* Martinet, L. 68615
Alengrin, G. *see* Sedano, H. 68673
Alers, G.B., Beverly, N.L., Oates, A.S. Electromigration in isolated aluminum vias probed by resistance changes and 1/f noise 74614
Aleshchenko, Yu.A., Zavaritskaya, T.N., Kapaev, V.V., Kopaev, Yu.V., Mel'nik, N.N. Photoluminescence with moderate excitation and resonant Raman scattering in GaAs/AlGaAs superlattices 74360
Aleshchenko, Yu.A. *see* Karuzskii, A.L. 63009
Aleshin, A.N., Enisherlova, K.L., Kalinin, A.A., Mordkovich, V.N. The chemical factor and its influence on the formation of defect structures and their gettering properties in layers of silicon implanted with chemical-active ions 94661
Aleshin, D.A. *see* Eshchin, E.K. 71309
Aleshin, N.P., Knyazev, V.D., Zemlyanskii, A.V. Automation of the design of methods and means of ultrasonic testing of complex objects with inhomogeneous physical and acoustic parameters 113004
Aleshin, V.D., Brinkevich, D.I., Vabishchevich, S.A., Sobolev, N.A. Influence of lanthanides an the defect-impurity composition of GaP epitaxial layers 74129
Aleshkevich, N.I. *see* Syt'ko, V.V. 79700
Alesii, F., D'Amico, A., Faccio, M., Ferri, G., Poduti, C., Stochino, G. Bipolar rail-to-rail constant-g_m input stage for low voltage applications 95173
Alessandrello, A., Brofferio, C., Bucci, C., Camin, D.V., Caspani, P., Cremonesi, O., Fiorini, E., Giuliani, A., Nucciotti, A., Pavan, M., Pessina, G., Previtali, E., Zanotti, L. Improvements in ^{130}Te double beta decay search with cryogenic TeO_2 array detectors 80100
Alessandri, F. *see* Moretti, S. 114215
Alessandrini, G., Valenzuela, A.D. Unique determination of multiple cracks by two measurements 72987
Alessi, J. *see* Beebe, E. 90094
Alessi, J.G. *see* Huang, H. 119985
Alessio, G. PLL synthesizer enhances stalo-radar performance 82984
Aletsee, R. *see* Geib, R. 67535
Aletsee, R. *see* Geib, R. 67924
Alevizos, P.D. *see* Ioannides, D.A. 60823
Alex, J., Schminke, W. Fast switching, modular high-voltage DC/AC-power supplies for RF-amplifiers and other applications 112077
Alex, V. *see* Erko, A. 90250
Alexa, D. *see* Neacsu, D.O. 81565
Alexahia, Y., Brandt, D., Cornelis, K., Hofmann, A., Koutchouk, J.P., Meddahi, M., Roy, G., Verdier, A. Low emittance lattice for LEP 79968
Alexakis, G.E. *see* Papavramidis, A.C. 78480
Alexander, B. *see* Mueller, K.A. 79787
Alexander, E. *see* Ettinger, G.J. 110704
Alexander, G.C. *see* Dongsheng Zhou 121940
Alexander, J.I. *see* Bosenberg, W.R. 65498
Alexander, J.I. *see* Bosenberg, W.R. 107607
Alexander, J.P. *see* Foland, A.D. 90127
Alexander, J.P. *see* Foland, A.D. 100878
Alexander, J.P. *see* Hopman, P.I. 100879
Alexander, M. *see* Bernadas, S. 79200
Alexander, M.D., Jr. *see* Bai, S.J. 85056
Alexander, M.E., Somorjai, R.L. The registration of MR images using multiscale robust methods 101271
Alexander, M.J. Civilian perspective [EMC testing] 65875
Alexander, M.J. Experience of correlating measurements in the frequency range 30 MHz to 1 GHz 65878
Alexander, M.J. European intercomparison of antenna factors in the frequency range 30 MHz to 1 GHz 85972

Alexander, M.J., Salter, M.J. Low measurement uncertainties in the frequency range 30 MHz to 1 GHz using a calculable standard dipole antenna and national reference ground plane 85990
Alexander, N.T. *see* Currie, N.C. 109715
Alexander, P. What hath telecom reform wrought? 108899
Alexander, P.D., Jung, P. A unified approach to multiuser detectors for CDMA and their geometrical interpretations 88391
Alexander, P.D. *see* Jung, P. 119018
Alexander, P.D. *see* Schlegel, C. 119020
Alexander, P.D. *see* Whiting, P. 98420
Alexander, T. *see* Newton, C. 121688
Alexander, T. *see* Sumner, M. 71778
Alexander, T.M. *see* Proud, N.J. 121913
Alexandratou, E. *see* Tzanakos, C. 101316
Alexandre, F. *see* Balandier, T. 88318
Alexandre, F. *see* Driad, R. 63599
Alexandre, F. *see* Launay, P. 63596
Alexandre, F. *see* Legay, P. 103935
Alexandre, F. *see* Sermage, B. 105145
Alexandre, S. *see* Driad, R. 84331
Alexandrescu, R., Cireasa, R., Dumitras, D.C., Morjan, I., Voicu, I. Infrared and ultraviolet laser-assisted deposition from iron pentacarbonyl 72949
Alexandrescu, R. *see* Leggieri, G. 92928
Alexandrescu, R. *see* Mihailescu, I.N. 92821
Alexandrescu, V. *see* Georgescu, G. 70866
Alexandridis, A.A. *see* Kostarakis, P. 119006
Alexandridis, A.T. *see* Iracleous, D.P. 71344
Alexandridis, A.T. *see* Iracleous, D.P. 71780
Alexandrof, V.A., Balakin, V., Mikhailichenko, A., Flottmann, K., Peters, K., Voss, G.-A., Bharadwaj, V., Halling, M., Holt, J.A., Buon, J., Jeanjean, J., LeDiberder, F., Lepeltier, V., Puzo, P., Heimlinger, G., Settles, R., Stierlin, U., Akasaka, N., Hayano, H., Ishihara, N., Nakayama, H., Oide, K., Shintake, T., Takeuchi, Y., Yamamoto, N., Bulos, F., Burke, D., Field, R., Hartman, S., Helm, R., Irwin, J., Iverson, R., Raimondi, P., Rokni, S., Roy, G., Spence, W., Tenenbaum, P., Wagner, S.R., Walz, D., Williams, S. Results of Final Focus Test Beam 100628
Alexandrou, A. *see* Likforman, J.-P. 105317
Alexandrov, A.B., Inshin, P.P. Signal processing for large active synthetic aperture experimental optics system 77197
Alexandrov, B.S., Fokanov, V.P., Kudryavtsev, O., Pavlov, A.B. Model of the direct solar-pumped iodine photodissociation laser 116367
Alexandrov, E.B., Balabas, M.V., Pasgalev, A.S., Vershovskii, A.K., Yakobson, N.N. Double-resonance atomic magnetometers: from gas discharge to laser pumping 64833
Alexandrova, E.L. *see* Cherkasov, Yu.A. 76298
Alexandrovich, B.M., Godyak, V.A., Piejak, R.B. The electrical and lumen output characteristics of an RF lamp 112599
Alexandrovich, B.M., Piejak, R.B., Godyak, V.A. Frequency dependence of RF-driven subminiature fluorescent lamp 71892
Alexandrovitz, A. *see* Zuckerberger, A. 81463
Alexandrovitz, A. *see* Zuckerberger, A. 102842
Alexandru, N.D. Combined delay-modulation and correlative level coding 66531
Alexandru, N.D. A modified M3 coder 66532
Alexanian, A., Huan-Shang Tsai, York, R.A. Quasi-optical traveling wave amplifiers 93790
Alexanian, A. *see* Tsai, H.S. 73643
Alexe, M. *see* Pintilie, L. 105238
Alexeev, A.N., Karpov, S.Yu. Conditions of excess liquid phase formation during molecular beam epitaxy of III-V ternary compounds 72819
Alexeev, G. *see* Peigneux, J.P. 120164
Alexeff, I. *see* Dorris, D.L. 115400
Alexeff, I. *see* Dorris, D.L. 115401
Alexiev, D. *see* Mo, L. 61178
Alexin, Z. *see* Kokai, G. 101355
Alexiou, G. *see* Deliyannis, T. 73531
Alexis, J.P. *see* Cloitre, T. 72772
Alexiu, G.M. *see* Egelmeers, G.P.M. 93402
Alexladls, M.C. *see* Bakirtzls, A.G. 70792
Alexoff, D. *see* Gene-Jack Wang 90291
Alexopoulos, N.G. *see* Boix, R.R. 107999
Alexopoulos, N.G. *see* Chinglung Chen 62147
Alexopoulos, N.G. *see* Chinglung Chen 83325
Alexopoulos, N.G. *see* De Flaviis, F. 84688
Alexopoulos, N.G. *see* De Flaviis, F. 96873
Alexopoulos, N.G. *see* Hsia, I.Y. 66009
Alexopoulos, N.G. *see* Ming-Ju Tsai 83339
Alexopoulos, N.G. *see* Ming-Ju Tsai 85957
Alfa, A.S. *see* Fekpe, E.S.K. 69524
Alfa, A.S. *see* Frigui, I. 77715
Alfa, A.S. *see* Martens, R.G. 78299
Alfano, D. CPU thermal management for small computers 79382
Alfano, D. *see* Paglia, P. 119544
Alfano, M., Sigle, R. Controlling QoS in a collaborative multimedia environment 109243
Alfano, R.R. *see* Demos, S.G. 107191
Alfano, R.R. *see* Demos, S.G. 120382
Alfano, R.R. *see* Liu, Q.D. 64715
Alfano, R.R. *see* Sha, W.L. 96131
Alfaro, M., Lopez, G., Rezola, M.L. Some properties of zeros of Sobolev-type orthogonal polynomials 72569
Alfassi, Z.B. *see* Izak-Biran, T. 80530
Alfeld, P. Upper and lower bounds on the dimension of multivariate spline spaces 60931
Alferness, R.C. Semiconductor for components for WDM systems networks 88509
Alferness, R.C. *see* Wagner, R.E. 78917
Alferov, G.N., Smirnov, G.I. Spontaneous-emission anisotropy of a corrugated high-current discharge 114497
Alferov, Zh.I. *see* Egorov, A.Yu. 114763
Alferov, Zh.I. *see* Grundmann, M. 105374
Alferov, Zh.I. *see* Guryanov, G.M. 82626
Alferov, Zh.I. *see* Guryanov, G.M. 83938
Alferov, Zh.I. *see* Kirstaedter, N. 65202
Alferov, Zh.I. *see* Kirstaedter, N. 96397
Alferov, Zh.I. *see* Kop'ev, P.S. 107351
Alferov, Zh.I. *see* Ledentsov, N.N. 62870
Alferov, Zh.I. *see* Ledentsov, N.N. 63081
Alferov, Zh.I. *see* Ledentsov, N.N. 92737
Alferov, Zh.I. *see* Ledentsov, N.N. 107223
Alferov, Zh.I. *see* Schmidt, O.G. 107275
Alferov, Z.I. *see* Schmidt, O.G. 85517
Alff, L. *see* Gross, R. 64557
Alfoldi, T. *see* Langham, C.W. 111111
Alfonso, J.E., Martin, M.J., Mendiola, J., Polgar, K., Zaldo, C. Pulsed laser deposition of sillenite films intended for photorefractive damage free waveguides 92867
Alfonso, J.E., Martin, M.J., Mendiola, J., Ruiz, A., Zaldo, C., Da Silva, M.F., Soares, J.C. $Bi_{12}(Ga_xBi_{1-x})O_{19.5}$ optical waveguides grown by pulsed laser deposition 75520
Alfonzetti, S. An N-dimensional algorithm to draw contour lines over triangular elements 65648
Alfonzetti, S., Borzi, G., Salerno, N. FEM analysis of unbounded electromagnetic scattering by the Robin iteration procedure 107859
Alfonzetti, S., Coco, S., Cavalieri, S., Malgeri, M. Automatic mesh generation by the let-it-grow neural network 64390
Alfonzetti, S. *see* Aiello, G. 65657
Alfonzetti, S. *see* Aiello, G. 96893
Alfonzetti, S. *see* Aiello, G. 107712
Alfonzetti, S. *see* Aiello, G. 107761
Alford, C.O. *see* Fielder, D.C. 78091
Alford, N.M. *see* Button, T.W. 95394
Alford, N.McN. *see* Penn, S.J. 62164
Alford, N.McN. *see* Phillips, W.A. 62304
Alford, T.L. *see* Atzmon, Z. 113347
Alford, T.L. *see* Barbero, C.J. 105448
Alford, W.J. *see* Armstrong, D.J. 65422
Alfultis, M.A. Studying the Earth's environment from space–a curriculum workshop 112806
Algarabel, P.A. *see* Abadia, C. 75139
Algarabel, P.A. *see* Kamarad, J. 64246
Algazi, V.R. *see* Ferrara, K.W. 69980
Algazi, V.R. *see* Herrera, A. 97617
Algazi, V.R. *see* Jian Lu 117759
Alger, D. *see* Deis, G. 106719
Alger, J.R. *see* Jong-Hee Hwang 70088
Alger, T.W. *see* Stevens, C.G. 70483
Alghamdi, A.S.G., Auckland, D.W., Risino, A.J., Varlow, B.R. Reducing variability in inclined-plane tracking test results 84705
Algiannakis, C., Robertson, I., Aghivami, A.H. A 3D raytracing model for the study of sectored antenna performance in indoor radio communications systems 97109
Algra, E. *see* Werner, K. 103923
Algrain, M., Ehlers, D., Hardt, S. Application of phase-lock-loops to periodic disturbance rejection in smart structures 102930
Alguero, M. *see* Martin, P. 94298
Alhakeem, S., Varshney, P.K. Decentralized Bayesian detection with feedback 76926
Alhallani, B., Tews, R., Suchaneck, G., Rohlecke, S., Kottwitz, A., Schade, K. Improved quality of high deposition rate a-Si:H films prepared at usual substrate temperature 92898
Alhamadi, M.A. Coupled vector-scalar potential method for 3D magnetostatic field computations using hexahedral finite elements 116819
Alhargan, F.A., Judah, S.R. Mode charts for confocal annular elliptic resonators 104798
Alhassid, Y., Attias, H. Universal correlations of Coulomb-blockade conductance peaks and the rotation scaling in quantum dots 94555
Alhayek, I., Voissem, J. Experiments to minimize frequency shifts and yield losses for surface mount filters 95319
Alhomme, P. *see* Nussbaum, G.H. 69995
Ali, A., Joo Leong Tham A 900 MHz frequency synthesizer with integrated LC voltage-controlled oscillator 73802
Ali, A.A. Worst-case partial-band noise jamming of Rician fading channels 76488
Ali, A.H., Brewster, R.L. Handover signalling for microcellular environments 109406
Ali, A.K. *see* Salama, A.E. 113998
Ali, A.L. *see* Ali, K.S. 106152
Ali, B.M. *see* Khalil, I. 77876
Ali, F. Design considerations for high efficiency GaAs HBT MMIC power amplifiers 62326
Ali, F., Aitchison, C., Hewitt, B. GaAs power HBTs with 84% power-added efficiency operating in C-X band 114268
Ali, F., Gupta, A., Higgins, A. Advances in GaAs HBT power amplifiers for cellular phones and military applications 83430
Ali, F. *see* Bayraktaroglu, B. 83382
Ali, F. *see* Nakao, Z. 98342
Ali, F.El Alem Fadlallah *see* El Alem Fadlallah Ali, F.
Ali, F.H., Soysa, S., Chandler, S.A.G. Channel capacity limits for multiple-access channels with slow Rayleigh fading 98409
Ali, H.H., Zaghloul, M.E. CMOS temporal associative memory 73615
Ali, H.H. *see* Asato, B.A. 74803
Ali, H.H. *see* Noteboom, R. 94019
Ali, H.O. *see* Labonte, S. 120499
Ali, H.O. *see* Ratner, I. 108014
Ali, I., Muret, P., Nguyen Tan, T.A. Properties of semiconducting rhenium silicide thin films grown epitaxially on silicon (111) 114667
Ali, I. *see* Jeon, J.S. 114966
Ali, K.S. Digital circuit design using FPGAs 104510
Ali, K.S., Ali, A.L. Application specific integrated circuit design on a PC platform 106152
Ali, M., Eley, C., Emsley, A.M., Heywood, R., Xaio, X. Measuring and understanding the ageing of kraft insulating paper in power transformers 75042
Ali, M., Stuchly, S.S., Caputa, K. A wide-band dual meander-sleeve antenna 117044
Ali, M., Tewfik, A., Viswanathan, V., Anderson, W., Rowlands, J. Real-time implementation of a wavelet-based audio coder on the TI TMS320C31 DSP chip 99803
Ali, M. *see* Shehadeh, F. 75849
Ali, M.A. *see* Metivier, G. 68445
Ali, M.P., Elrefaie, A.F., Wagner, R.E., Ahmed, S.A. A detailed comparison of the overall performance of 980 and 1480 nm pumped EDFA cascades in WDM multiple-access lightwave networks 78924
Ali, N. *see* Saha, S. 64292
Ali, S.M. *see* Abdul-Hameed, M.S. 117861
Ali, S.R. Digital switching system testing–some special considerations 78303
Ali, Y.P., Narsale, A.M., Bhambhani, U., Damle, A., Salvi, V.P., Arora, B.M., Shah, A.P., Kanjilal, D. Electrical characteristics of GaAs implanted with 70 MeV ^{120}Sn ions 105180
Ali Abu-Rgheff, M.N. *see* Houghton, A.W. 66259
Ali Dervis, E., Ding, Y., Eichler, H.J. Photorefractive beam-fanning in InP:Fe 116721
Ali Tan, M. *see* Oralkan, O. 104698
Ali Zhu *see* Xian Ji 88327
Ali Zhu *see* Zhu Ali
Ali-Adib, Z. *see* Micocci, G. 119784
Ali-Hackl, M. *see* Manner, O. 106430
Ali-Yrkko, O. *see* Rousseau, E. 99141
Aliahmad, M., Salama, C.A.T. A 30 V line driver in submicron BiCMOS technology 104328
Alibert, C. *see* Baranov, A.N. 106993
Alibert, C. *see* Chusseau, L. 100367
Alibert, G. *see* Delorme, F. 76035
Alibert, G. *see* Delorme, F. 85498
Alibert, G. *see* Delorme, F. 96402
Alietti, M., Canali, C., Cavallini, A., Del Papa, C., Nava, F., Re, V., Lanzieri, C. Analysis of signals from semi-insulating gallium arsenide particle detectors 120150
Alietti, M. *see* Bertuccio, G. 120200
Alietti, M. *see* Nava, F. 80028
Alietti, M. *see* Nava, F. 100869
Aliev, A.A., Kuliev, Sh.M., Guseinov, E.K., Mamedov, A.K., Mukhtarova, R.I. Photoresistor with an improved design of the photosensitive element 106960
Aliev, G.N., Lukyanova, N.V., Seisyan, R.P. Direct experimental determination of the parameters of the spin-orbit split gallium-arsenide valence band 62747
Aliev, R. *see* Abdurakhmanov, B.M. 81873
Aliev, Yu.M., Boardman, A.D., Smirnov, A.I., Xie, K., Zharov, A.A. Spatial dynamics of solitonlike channels near interfaces between optically linear and nonlinear media 64766
Alievskii, V.M. *see* Kamenin, I.G. 67173
Alig, J.S. *see* Dempsey, G.L. 73612
Aligia, A.A. *see* Batista, C.D. 103586
Alile, O. *see* Ficner, S. 105800
Alim, M.A. *see* Bartkowiak, M. 62372
Alimenti, F., Mezzanotte, P., Roselli, L., Sorrentino, R. Analysis of planar circuits with a combined 3D FDTD-time domain modal expansion method 93758
Alimenti, F., Mezzanotte, P., Roselli, L., Sorrentino, R. On the analysis of multiple waveguide discontinuities by combined 1D-3D FDTD method 97269
Alimenti, F., Mongiardo, M., Sorrentino, R. Design of mitered H-plane bends in rectangular waveguides by combined mode matching and finite differences 62179
Alimin Lie *see* Giam Kim Toh 92168
Alimov, A., Chepurnov, A., Chubarov, O., Ermakov, D., Gudkov, K., Ishkhanov, B., Piskarev, I., Shvedunov, V., Shumakov, A. Compact low energy CW linac with high beam current 89772
Alimov, A.S. *see* Shvedunov, V.I. 89889
Alimov, V.A. Diffraction properties of a defocusing ionospheric lens 85867
Alimov, V.A. On the spectrum of large-scale inhomogeneities of the upper ionosphere 107901
Alinger, M.A. *see* Yeh, S.Y. 77878
Alinikula, P. Integrating RF for cellular phones 78509
Alinovsky, N.I. *see* Sukhina, B.N. 79806

Alippi, C., Cori, A., Piuri, V., Pretolani, F. Monitoring and real-time simulation of power plants: a neural-based environment 110026
Alippi, C., Piuri, V. Identification of non-linear dynamic systems in power plants 91336
Alirezaie, J., Jernigan, M.E., Nahmias, C. Neural network based segmentation of magnetic resonance images of the brain 90435
Alishev, Ya.V., Yur'ev, V.F., Yamaikin, V.E. Characteristics of monopulse antennas in the Fresnel zone 108035
Aliverti, A. *see* Carnevali, P. 90297
Alivisatos, A.P. *see* Guzelian, A.A. 105151
Alivisatos, A.P. *see* Klein, D.L. 63089
Alivisatos, A.P. *see* Mews, A. 72797
Aliyev, T.A., Musayeva, N.F. Statistical identification with error balancing 113109
Aliyu, Y.H., Morgan, D.V., Thomas, H., Bland, S.W. Low turn-on voltage AlGaInP LEDs using thermally evaporated transparent conducting Indium-Tin-Oxide (ITO) 64965
Aliyu, Y.H. *see* Morgan, D.V. 71707
Alizon, J. *see* Trassoudaine, L. 98069
Alizon, J. *see* Trassoudaine, L. 117654
Aljancic, U., Resnik, D., Vrtacnik, D., Amon, S. Temperature compensation of offset voltage in piezoresistive pressure sensor 79332
Aljancic, U. *see* Pavlin, M. 79331
Aljancic, U. *see* Resnik, D. 63415
Aljane, A. *see* Baukari, N. 118234
Aljishi, S. *see* Al-Dallal, S. 72885
Aljishi, S. *see* Al-Dallal, S. 92900
Aljunaidi, H. *see* Alnuweiri, H.M. 77663
Alkan, B., Serin, T., Unal, B. Dislocation scattering of electrons in plastically deformed germanium 74124
Alkemade, P. *see* Werner, K. 103923
Alkemade, P.F.A. *see* Leguijt, C. 102983
Al'khovskii, E.A., Berezhnaya, I.V., Grishin, K.V., Il'inskii, A.S., Kondrat'ev, A.G. A method for calculating the current distribution in an unsymmetric oscillator with several excitation points 88075
Alku, P., Vilkman, E. Amplitude domain quotient for characterization of the glottal volume velocity waveform estimated by inverse filtering 76864
Alkulaibi, A., Soraghan, J.J., Durrani, T.S. Fast HOS based simultaneous voiced/unvoiced detection and pitch estimation using 3-level binary speech signals 117292
Alkumru, A. *see* Akduman, I. 65807
Alkussayer, H.M., Zheng, F.C., Guo, Y.J., Barton, S.K. Time diversity decorrelator (TDD); a near-far resistant detector for asynchronous CDMA system 109500
Allada, V., Anand, S. Efficient vertex detection algorithms using the Hough transform 86332
Alladi, K. The quintuple product identity and shifted partition functions 72473
Allaert, J., Van de Velde, T. Activity based costing of SS7 traffic and its applications 108933
Allaert, K. *see* De Langhe, P. 116939
Allaert, K. *see* Franchois, A. 114415
Allaert, K. *see* Peeters, J. 118700
Allaert, K. *see* Temmerman, W. 118685
Allaert, K. *see* Vanfleteren, J. 114472
Allahwerdi, N. *see* Laugier, A. 109987
Allain, P. *see* Revenu, M. 69994
Allais, I. *see* Blanchot, N. 85428
Allakhverdiev, K.R. *see* Kadoi, L. 96615
Allal, D. *see* Bocquet, B. 69034
Allam, J., Baynes, N.deB., Cleaver, J.R.A., Ogawa, K., Mishima, T., Ohbu, I. Monolithically-integrated optoelectronic circuit for ultrafast sampling of a dual-gate field-effect transistor 107021
Allam, J. *see* Ogawa, K. 103403
Allam, M.E., Greenleaf, J.F. Isomorphism between pulsed-wave Doppler ultrasound and direction-of-arrival estimation. I. Basic principles 111388
Allam, M.E., Kinnick, R.R., Greenleaf, J.F. Isomorphism between pulsed-wave Doppler ultrasound and direction-of-arrival estimation. II. Experimental results 111395
Allam, R., Kolanowski, C., Langrez, D., Bourne, P., De Jaeger, J.C., Crosnier, Y., Salmer, G. 60 GHz MMIC mixer using a dual-gate PM HEMT 83525
Allam, R., Kolanowski, C., Theron, D., Crosnier, Y. Novel HEMT structures for mixer applications 93924
Allam, R. *see* Kotanowski, C. 93916
Allamando, E.-A. *see* Picheta, L. 94965
Allan, F.H. The visible factory 82134
Allan, G.A. *see* Elliott, J.P. 84544
Allan, J. *see* Fararooy, S. 91837
Allan, M. *see* McWilliam, C.J. 91547
Allan, N., Trizna, D.B., McLaughlin, D.J. Low grazing angle dual polarized Doppler radar measurements of oceanic fronts 111290
Allan, N. *see* McLaughlin, D. 99648
Allan, R. *see* Weber, E. 102001
Allan, R.N. *see* Castro Sayas, F. 121410
Allan, R.N. *see* Da Silva, M.G. 102130
Allan, R.N. *see* Gardner, P. 102558
Allan, R.N. *see* Kariuki, K.K. 102073
Allan, R.R., Kinsner, W. A two-dimensional histogram of brightness-texture feature space for nuclear-cytoplasmic segmentation 90316
Allara, D.L. *see* Bumm, L.A. 73894
Allara, D.L. *see* Lercel, M.J. 94863
Allard, L.B. *see* Knights, A.P. 85055
Allard, L.B. *see* Verhaegen, M. 76117
Allbritton, G.L., Andersen, H., Barnes, A., Christian, E.R., Cummings, A.C., Dougherty, B.L., Jensen, L., Lee, J., Leske, R.A., Madden, M.P., Mewaldt, R., Milliken, B., Nahory, B.W., O'Donnell, R., Schmidt, P., Sears, B.R., von Rosenvinge, T.T., Walton, J.T., Wiedenbeck, M.E., Wong, Y.K. Large diameter lithium compensated silicon detectors for the NASA Advanced Composition Explorer (ACE) mission 80079
Allbritton, G.L., Andersen, H., Barnes, A., Christian, E.R., Cummings, A.C., Dougherty, B.L., Jensen, L., Lee, J., Leske, R.A., Madden, M.P., Mewaldt, R., Milliken, B., Nahory, B.W., O'Donnell, R., Schmidt, P., Sears, B.R., von Rosenvinge, T.T., Walton, J.T., Wiedenbeck, M.E., Wong, Y.K. Large diameter lithium compensated silicon detectors for the NASA Advanced Composition Explorer (ACE) mission 100826
Allbutt, G.J., Nairn, D.G. Tunable capacitors for digital CMOS compatible high frequency analog filters 104688
Allcock, S. Using the Internet at the International Development Centre: a personal view 109007
Allebach, J.P. *see* Flohr, T.J. 87220
Allebach, J.P. *see* Gotsman, C. 108545
Allebach, J.P. *see* Zoltowski, M.D. 60440
Allee, D.R. *see* Day, H.C. 84124
Allee, D.R. *see* Mathine, D.L. 85501
Allegre, J.M., Marchand, C., Ren, Z. On the influence of mesh deformation to the force calculation when accounting for the movement 65723
Allegretto, E.M., Bardwell, J.A. Characterization of as-grown and annealed thin SiO_2 films formed in 0.1 M HCl 105606
Allegretto, E.M. *see* Bardwell, J.A. 62682
Allegretto, E.M. *see* Bardwell, J.A. 114968
Allegretto, W. *see* Shen, B. 84662
Allegrini, M. *see* Ceresara, L. 92907
Allegrini, M. *see* Diligenti, A. 94598
Allein, S. *see* de Bisschop, E. 69985
Allemand, M., Coupet-Grimal, S., Jakubiec, L., Paillet, J.-L. A system for modelling and proving circuits 73243
Allen, A.M., Bogy, D.B. Effects of shock on the head-disk interface 115743
Allen, B. An integrated approach to Smart House technology for people with disabilities 70251
Allen, B.R. *see* Dow, G.S. 89157
Allen, B.R. *see* Huei Wang 114320
Allen, B.R. *see* Kobayashi, K.W. 83439
Allen, B.R. *see* Lin, E.W. 90881
Allen, C. Texas Instruments SCFab makes strides in stepper productivity 103412
Allen, C.J. *see* Bull, C.R. 77235
Allen, C.K., Guharay, S.K., Reiser, M. Optimal transport of low energy particle beams 89952
Allen, C.K., Reiser, M. Image effects of cylindrical pipes on continuous beams 120024
Allen, C.R.G. *see* Chakravorty, S. 69543
Allen, C.W. *see* Erickson, R. 89717
Allen, D. Dynamic industry structure as policy? Three alliances and world telecommunications 77822
Allen, D., Delbecque, F., Ostler, J., Robohm, A., Tsirou, A., Werner, J. A control system for the DELPHI RICH fluids 69741
Allen, D. *see* Adam, W. 69709
Allen, D. *see* Emge, S. 79446
Allen, D. *see* Steele, N. 72372
Allen, D.M. Tailoring nonlinear least squares algorithms for the analysis of compartment models 103715
Allen, D.R. *see* Cooley, P.C. 98858
Allen, E.B. *see* Khoshgoftaar, T.M. 98525
Allen, E.J.Van *see* Van Allen, E.J.
Allen, E.M. *see* Jervis, B.W. 70130
Allen, E.M. *see* Riddington, E.P. 70131
Allen, E.W. *see* D'Souza, M.F. 69966
Allen, F.T., Kinser, J.M., Caulfield, H.J. Scene evaluation using a pulse-coupled neural network (PCNN) 75633
Allen, F.T., Kinser, J.M., Caulfield, H.J. A neural bridge from syntactic to statistical pattern recognition 98090
Allen, G.H., Cain, G.D., Allen, L.D., Yardim, A. Steering FIR notch filter adaption by initial coefficient control 93589
Allen, G.H. *see* Sun, H. 71006
Allen, J. *see* Heeman, P. 108192
Allen, J. *see* Plum, M. 89898
Allen, J.C. *see* Ferguson, S.W. 110313
Allen, J.C. *see* Harris, T.E. 112076
Allen, K.H. The Royal Dockyard Schools [engineering education] 103324
Allen, L. *see* Carr, K.F. 112378
Allen, L. *see* Popovic, M. 89595
Allen, L. *see* Turnbull, G.A. 73684
Allen, L.D. *see* Allen, G.H. 93589
Allen, L.H. *see* Fisher, M.A. 64529
Allen, L.H. *see* Ma, Z. 84210
Allen, L.J., Lipperheide, R. Graded-index profiles by inversion with Lloyd's mirage 97217
Allen, L.R. Effect of fluorine concentration on the etch characteristics of fluorinated tetraethylorthosilicate films 63335
Allen, M. *see* Cacter-Coman, C. 82602
Allen, M.A. *see* Rimmer, R.A. 100661
Allen, M.D. *see* Blanchat, T.K. 121299
Allen, M.D. *see* Britton, C.L., Jr. 110617
Allen, M.D. *see* Ericson, M.N. 90206
Allen, M.D. *see* Ericson, M.N. 100924
Allen, M.D. *see* Pilch, M.M. 121294
Allen, M.G. *see* Ahn, C.H. 107822
Allen, M.G. *see* Chahal, P. 114480
Allen, M.G. *see* Davis, S.J. 107053
Allen, M.G. *see* Konaka, Y. 74933
Allen, M.G. *see* Lagorce, L.K. 74895
Allen, M.G. *see* Miller, M.F. 111065
Allen, M.G. *see* Nami, Z. 115882
Allen, M.G. *see* Park, J.Y. 114352
Allen, M.R., Stoughton, R.B. A low-cost radar concept for bullet direction finding 109778
Allen, N., Rodger, D., Lai, H.C., Leonard, P.J. Scalar-based finite element modelling of 3D eddy currents in thin moving conducting sheets 65738
Allen, N.L. *see* Boutlendj, M. 121231
Allen, P. *see* Nayar, S.K. 67468
Allen, P.A. *see* Myers, E.G. 69704
Allen, P.E. *see* Blalock, B.J. 104383
Allen, P.E. *see* Coban, A.L. 114017
Allen, P.K. *see* Abrams, S. 77326
Allen, R. *see* England, P. 77969
Allen, R. *see* Powers, T. 100499
Allen, R. *see* Webb, A. 120438
Allen, R.A. *see* Cresswell, M.W. 115087
Allen, R.A. *see* Cresswell, M.W. 115333
Allen, R.B. *see* England, P. 68851
Allen, R.D., Sooriyakumaran, R., Opitz, J., Wallraff, G.M., DiPietro, R.A., Breyta, G., Hofer, D.C., Kunz, R.R., Jayaraman, S., Shick, R., Goodall, B., Okoroanyanwu, U., Willson, C.G. Protecting groups for 193-nm photoresists 105786
Allen, R.D. *see* Gabor, A.H. 105792
Allen, R.D. *see* Gallagher-Wetmore, P. 115065
Allen, R.D. *see* Kunz, R.R. 105789
Allen, R.L., Moore, R., Whelan, M. Multiresolution pattern detector networks for controlling plasma etch reactors 63305
Allen, R.L. *see* Mills, D.W. 63307
Allen, R.W. *see* Pearson, P.J. 63835
Allen, S. *see* Weitzel, C.E. 105835
Allen, S. *see* Yuh, E.L. 105371
Allen, S.J. Reliability considerations for switched mode power supplies for use in railway applications 122041
Allen, S.J. *see* Brehmer, D.E. 63561
Allen, S.J. *see* Sadwick, L.P. 103930
Allen, S.J., Jr. *see* Bogaerts, R. 83889
Allen, S.J., Jr. *see* Kono, J. 105391
Allen, S.J., Jr. *see* Sundaram, M. 105436
Allen, S.T., Palmour, J.W., Carter, C.H., Jr, Weitzel, C.E., Moore, K.E., Nordquist, K.J., Pond, L.L., III Silicon carbide MESFET's with 2 W/mm and 50% P.A.E. at 1.8 GHz 83381
Allen, S.T., Palmour, J.W., Tsvetkov, V.F., Macko, S.J., Carter, C.H., Jr., Moore, K.E., Weitzel, C.E., Nordquist, K.J., Pond, L.L. Frequency and power performance of microwave SiC FETs 106039
Allen, S.T., Palmour, J.W., Tsvetkov, V.F., Macko, S.J., Carter, C.H., Jr., Weitzel, C.E., Moore, K.E., Nordquist, K.J., Pond, L.L., III 4H-SiC MESFET's on high resistivity substrates with 30 GHz f_{max} 62273
Allen, S.T., Yu, R.Yu., Bhattacharya, U., Reddy, M., Rodwell, M.J.W. Nonlinear wave propagation devices for ultrafast electronics 93762
Allen, S.T. *see* Palmour, J.W. 106044
Allen, S.T. *see* Pullela, R. 68006
Allen, S.T. *see* Tsvetkov, V.F. 103974
Allen, T. *see* Mellor, P.H. 91872
Allen, W.G. *see* Fageth, R. 117553
Allender, E., Beals, R., Ogihara, M. The complexity of matrix rank and feasible systems of linear equations 92596
Allendorf, M.D., Janssen, C.L., Colvin, M.E., Melius, C.F., Nielsen, I.M.B., Osterheld, T.H., Ho, P. Thermochemistry of gas-phase species relevant to titanium nitride CVD 61422
Allenov, A.V., Podlazov, V.S., Stetsyura, G.G. Throughput of the set of ring channels. I. The class of ring sets, sets with simple nodes 118455
Allenspach, M. *see* Mouret, I. 74744
Allenspach, M. *see* Mouret, I. 106025
Aller, I., Lang, C., Schweeger, G., Hartnagel, H.L., Dolt, R., Hohenberg, G. Gallium arsenide piezotransistor for dynamic pressure measurements at high temperature 89027
Aller, I. *see* Horn, J. 62813
Aller, J.M. *see* Pesse, G. 103193
Allera, S.V., Sturges, R.A. End-use monitoring with the 'POEM' system 102315
Allerman, A.A., Biefeld, R.M., Kurtz, S.R. InAsSb-based mid-infrared lasers (3.8-3.9 μm) and light-emitting diodes with AlAsSb claddings and semimetal electron injection, grown by metalorganic chemical vapor deposition 85502
Alles, M.A. *see* Anc, M.J. 63223
Alleston, S. *see* Vickers, A.J. 107257
Allev, R. *see* Abdurakhmanov, B.M. 81892
Alleva, V., Di Paolo, F. Temperature compensation circuit for linear microwave amplifiers 62355
Alley, J. *see* Sholley, M. 88699
Alley, R. *see* Saez, P. 90076
Alley, T.G. *see* Henry, L.J. 65487
Alleyne, D. *see* Cawley, P. 101621
Alleyne, D.N., Cawley, P. The excitation of Lamb waves in pipes using dry-coupled piezoelectric transducers 92988

Alleysson, P., Cibert, J., Feuillet, G., Dang, L.S. Room temperature excitonic lasing in CdTe/CdMnTe multi-quantum-well heterostructures 75959
Allgaier, R.S. *see* Run-Di Hong 62779
Allgair, J., Rack, M.J., Whidden, T.K., Kozicki, M.N., Ferry, D.K. Formation of nanoscale cobalt silicide and gold wires rising electron-beam and chemically enhanced vapor etching 94865
Allgood, C.A. *see* Keanini, R.G. 69245
Allgood, D.C. *see* Hodson, R.F. 90211
Allgood, D.C. *see* Hodson, R.F. 100942
Alli, S. *see* Chekanov, A.S. 75268
Alli, S. *see* Chekanov, A.S. 115697
Alli, S. *see* Chekanov, A.S. 115745
Allia, P. *see* Tiberto, P. 115552
Allik, T.H., Chandra, S., Utano, R., Robinson, T.R., Boyer, J.H. Improved longevities and novel wavelength generation from a solid state dye laser 96125
Alliluyev, V.A. Simulation of the transient processes in the differential current protection 102792
Alliney, S. Recursive median filters of increasing order: a variational approach 76967
Allinson, N.M. *see* Howard, N.J. 73256
Alliot, J.-M. *see* Medioni, F. 70421
Allison, C., Harrington, P., Feng Huang, Livesey, M. Scalable services for resource management in distributed and networked environments 118233
Allison, P.W. *see* Hughes, T.P. 89739
Allison, R.S., Eizenman, M., Cheung, B.S.K. Combined head and eye tracking system for dynamic testing of the vestibular system 120270
Allison, S. *see* Hendrickson, L. 100556
Allison, W. *see* Bullman, H.G. 69682
Allison, W.W.M., Alner, G.J., Ambats, I. The SOUDAN 2 detector. The design and construction of the tracking calorimeter modules 90178
Allman, D. *see* Han, L.K. 63722
Allnoch, N. Prospects of the wind power plant market in Germany 121411
Allnutt, J.E. Evolutionary architectures for future multimedia services 78158
Allocca, B. New short-circuit protection for voltage regulator 93132
Allocca, B. *see* Marcano, D. 97301
Allocca, M. *see* Castoldi, P. 120597
Allodi, G., Coisson, R. Reflection and propagation of waves in one-dimensional quasi-periodic structures 95783
Allon-Alaluf, M., Klibanov, L., Seidman, A., Croitoru, N. Metal contacts and electrical processes in amorphous diamond-like carbon films 105523
Allot, U. *see* Moon, S.W. 104800
Allott, S. *see* Raczkowycz, J. 88956
Allotta, B., Belmonte, F., Bosio, L., Dario, P. Study on a mechatronic tool for drilling in the osteosynthesis of long bones: tool/bone interaction, modeling and experiments 80419
Allotta, B. *see* Dario, P. 80415
Allouche, J.-F. Pilot experiment in multimodal information in the Ile-de-France region 99726
Allovon, M. *see* Legay, P. 103935
Allrutz, R., Ertl, T. VENUS: management of heterogeneous Unix clusters 98597
Allsayyed, N.A. *see* Kumar, S. 82800
Allsopp, D.W.E. *see* Roberts, V. 105909
Allstot, D.J. *see* Flynn, M.P. 104621
Allstot, D.J. *see* Verghese, N.K. 63851
Alluri, P.V. *see* Dey, S.K. 92936
Allyn, M., Jr. *see* Malla, R.B. 100055
Alm Carlsson, G. *see* Carlsson, C.A. 111004
Almagor, D., Gluska, B. A method for performing fast symbol synchronization in QAM modems 87999
Almagri, A.F. *see* Ji, H. 71346
Almaini, A.E.A., McKenzie, L. Tabular techniques for generating Kronecker expansions 108121
Almashary, B.A., Hong Koo Kim Stress-induced vertical confinement of light in bulk GaAs and Si substrates 106834
Almashary, B.A., Kim, H.K. Analysis of stresses in GaAs waveguides integrated with ZnO thin films 95745
Almasi, B. Response time for finite heterogeneous nonreliable queueing systems 60800
Almasi, G. *see* Jagannathan, V. 118501
Almawlawi, D. *see* Routkevitch, D. 105392
Almeida, A.Faria de *see* Faria de Almeida, A.
Almeida, A.M.de *see* de Almeida, A.M.
Almeida, A.T.de *see* de Almeida, A.T.
Almeida, A.Traca de *see* Traca de Almeida, A.
Almeida, C.de *see* de Almeida, C.
Almeida, J., Coluzza, C., dell'Orto, T., Barbo, F., Bertolo, M., Bianco, A., Cerasari, S., Fontana, S., Margaritondo, G. Photoemission electron microscopy studies of Pt/GaP(001) buried interfaces 94572
Almeida, J., dell'Orto, T., Coluzza, C., Margaritondo, G., Bergossi, O., Spajer, M., Courjon, D. Novel spectromicroscopy: Pt-GaP studies by spatially resolved internal photoemission with near-field optics 114815
Almeida, J. *see* Bouvet, D. 63170
Almeida, J. *see* Bouvet, D. 63291
Almeida, J. *see* Cricenti, A. 69371
Almeida, J. *see* Cricenti, A. 104125
Almeida, K.C., Galiana, F.D. Critical cases in the optimal power flow 101734
Almeida, L.A. *see* Faurie, J.P. 92743
Almeida, L.B. *see* Marques, G. 108338
Almeida, M.E., Correia De Barros, M.T. Accurate modelling of rod driven tower footing 91211
Almeida, M.E., Correia de Barros, M.T. A comparative study on transmission tower models 102213
Almeida, M.E. *see* Correia de Barros, M.T. 102153
Almeida, M.E. *see* Correia de Barros, M.T. 111616
Almeida, M.E. *see* Fernandes, M. 112157
Almeida, N.S., Mills, D.L. Eddy currents and spin excitations in conducting ferromagnetic films 75089
Almeida, R.M. *see* Orignac, X. 95743
Almeida, R.M.S., Benilov, M.S. Modelling of a near-cathode layer in HID lamps 112590
Almeida, T. *see* Bachus, E.-J. 78914
Almeida, T. *see* Grann, E. 114623
Almen, A., Nilsson, M. Simple methods for the estimation of dose distributions, organ doses and energy imparted in paediatric radiology 90653
Almenar, P. *see* Jodar, L. 72676
Almeroth, K.C., Ammar, M.H. The use of multicast delivery to provide a scalable and interactive video-on-demand service 99762
Almeroth, K.C., Ammar, M.H. Collecting and modeling the join/leave behavior of multicast group members in the MBone 109173
Almeroth, K.C., Ammar, M.H. The role of multicast communication in the provision of scalable and interactive video-on-demand service 118213
Almesberger, W. High-speed ATM networking on low-end computer systems 109058
Almgren, M., Bergstrom, L., Frodigh, M., Wallstedt, K. Channel allocation and power settings in a cellular system with macro and micro cells using the same frequency spectrum 109553
Almgren, M., Frodigh, M., Hansson, B., Lundequist, J., Wallstedt, K. Adaptive channel allocation in TACS 78528
Almgren, M. *see* Forssen, U. 68233
Almoguera, L. *see* Perez, A. 104903
Almoguera, L. *see* Perez, A. 112078
Almonacid, G. *see* Aguilar, J.D. 122073
Almonacid K., M. *see* Lai, L.L. 90931
Almond, G., Bennett, J. SeaStar network DGPS: Portable, yet fully complementary to conventional Inmarsat-A based systems 88761
Almond, G., Roberts, D. Methods of quality control provision within the ORION DGPS service 79059
Almond, P.R. *see* Deasy, J.O. 80447
Almonte, M. *see* Walukiewicz, W. 114639
Almstrom, E., Larsen, C.P., Gillner, L., van Berlo, W.H., Gustavsson, M., Berglind, E. Experimental and analytical evaluation of packaged 4×4 InGaAsP/InP semiconductor optical amplifier gate switch matrices for optical networks 78884
Almstrum, V.L., Dale, N., Berglund, A., Granger, M., Little, J.C., Miller, D.M., Petre, M., Schragger, P., Springsteel, F. Evaluation: turning technology from toy to tool. Report of the Working Group on Evaluation 103337
Almulhem, A., El-Guibaly, F., Gulliver, T.A. Adaptive error correction for ATM communications using Reed-Solomon codes 98408
Alner, G.J. *see* Allison, W.W.M. 90178
Alnuweiri, H.M., Aljunaidi, H., Beraldi, R. The buffered fat-tree ATM switch 77663
Aloimonos, Y., Chellappa, R., Davis, L.S., Rosenfeld, A. Maryland progress in image understanding 67467
Aloimonos, Y. *see* Bolle, R.M. 86637
Aloimonos, Y. *see* Brodsky, T. 67283
Aloimonos, Y. *see* Fermuller, C. 77149
Aloimonos, Y. *see* Loong Fah Cheong 86648
Aloisio, G., Bochicchio, M.A., La Scala, M. Metacomputing for on-line stability analysis in power systems: a proposal 90960
Alok, D., Baliga, B.J. Nitrogen implanted high voltage, planar, 6H-SiC N⁺-P junction diodes 105867
Alok, D., Baliga, B.J. High voltage (450 V) 6H-SiC substrate gate JFET (SG-JFET) 106091
Alok, D., Baliga, B.J. High voltage (450 V) 6H-SiC lateral MESFET structure 115227
Alok, D., Baliga, B.J., Kothandaraman, M., McLarty, P.K. Argon implanted SiC device edge termination: modelling, analysis and experimental results 105596
Alok, D., Raghunathan, R., Baliga, B.J. Planar edge termination for 4H-silicon carbide devices 94888
Alok, D. *see* Kothandaraman, M. 74571
Alolah, A.I. *see* Hamouda, R.M. 112466
Alon, N. Independence numbers of locally sparse graphs and a Ramsey type problem 113128
Alon, N., Orlitsky, A. Source coding and graph entropies 97542
Alonge, F., D'Ippolito, F., Raimondi, T. A fuzzy sliding mode controller for motion control systems with DC motors 111995
Alonge, F., Raimondi, F.M. Model reference adaptive control of motion control systems with induction motor 71307
Alonso, G. *see* Quintana, E. 101703
Alonso, J. *see* Merayo, L.A. 108922
Alonso, J.I., Blas, J.M., Garcia, L.E., Ramos, J., de Pablos, J., Grajal, J., Gentilli, G., Gismero, J., Perez, F. Low cost electronically steered antenna and receiver system for mobile satellite communications 99288
Alonso, J.I. *see* Blas, J.M. 88779
Alonso, J.I. *see* Blas, J.M. 117102
Alonso, J.I. *see* Mahfoudi, M. 114323
Alonso, J.I. *see* Vergara, M. 112773
Alonso, J.L., Nizovoy, J.A., Samuelsson, J.O., Wilk-Wilczynski, A.L. Stability enhancement of a 500 kV power transmission system by means of series compensation 91084
Alonso, J.M., Bianco, C., Calleja, A.J., Lopez, E., Rico, M. Current-clamped resonant inverter: analysis and design as a high pressure sodium lamp ballast 122078
Alonso, J.R. Hadron particle therapy 80472
Alonso, M. *see* Blanco, C. 71884
Alonso, R. *see* Yuh-Lin Chang 67901
Alonso, R. *see* Yuh-Lin Chang 99793
Alonso, T., Luo, M., Shahri, H., Youtkus, D.J. 3D subband coding of videoconference sequences 98119
Alonzo, G. *see* Sawkar, S.S. 89437
Alotto, P., Caiti, A., Molinari, G., Repetto, M. A multiquadrics-based algorithm for the acceleration of simulated annealing optimization procedures 65717
Alotto, P., Girdinio, P., Molfino, P., Nervi, M. Time-harmonic mesh adaption with error estimate based on the "local field error" approach 96951
Alotto, P., Girdinio, P., Molfino, P., Nervi, M. Mesh adaption and optimization techniques in magnet design 96991
Alotto, P., Girdinio, P., Nervi, M., Fernandes, P. Mesh adaptation in finite element analysis of 2D steady state time harmonic eddy current problems 65661
Alotto, P., Kuntsevitch, A.V., Magele, C., Molinari, G., Paul, C., Preis, K., Repetto, M., Richter, K.R. Multiobjective optimization in magnetostatics: a proposal for benchmark problems 64571
Alotto, P., Molfino, P., Nervi, M., Fernandes, P. Comparison of conditions V=0 and A·n=0 on conductor boundaries in A,V-A-Ψ formulations 65694
Alotto, P., Molin, G., Nervi, M. A "design of experiment" approach to enhance the "generalized response surface" method in the optimization of multiminima problems 92433
Alouani, A.T. *see* Lahdhiri, T. 91478
Alouini, M.-S., Steffes, P.G. Impact of tropospheric scintillation on direct-sequence spread-spectrum satellite communication networks 88419
Alowersson, J., Andersson, P. A 35 Gbit/s throughput 64 kbit CMOS buffer SRAM 113948
Aloysius, D. *see* Fuhrmann, M. 101572
Alp, E.E. *see* Sturhahn, W. 69901
Alparone, L., Argenti, F., Benelli, G., Colzi, D., Garzelli, A. Half-pel block matching by single-pel search 67117
Alparone, L., Capperi, P., Aiazzi, B., Baronti, S., Benelli, G. Rounded reduced-difference pyramid for semilossy image coding 86973
Alparone, L. *see* Aiazzi, B. 111090
Alparone, L. *see* Aiazzi, B. 111120
Alparone, L. *see* Aiazzi, B. 120699
Alpatov, M.E. *see* Butyrin, P.A. 102798
Alperin, J. *see* Du, Q. 85102
Alpern, S. *see* Wei Shi Lim 113098
Alpers, M., Hoffner, J., von Zahn, U. Upper atmosphere Ca and Ca⁺ at mid-latitudes: first simultaneous and common-volume lidar observations 70475
Alpers, W. Measurement of mesoscale oceanic and atmospheric phenomena by ERS-1 SAR 90797
Alpers, W., Stilke, G. Observation of a nonlinear wave disturbance in the marine atmosphere by the synthetic aperture radar aboard the ERS 1 satellite 80647
Alpers, W. *see* Brandt, P. 111195
Alpers, W. *see* Gade, M. 111308
Alpers, W. *see* Melsheimer, C. 120804
Alpert, C.J., Kahng, A.B. A general framework for vertex orderings with applications to circuit clustering 61568
Alphen, J.C.Van *see* Van Alphen, J.C.
Alphenaar, B.W., Durrani, Z.A.K., Wagner, M., Kohler, K. Field enhanced blockade of the confined energy levels in nanometer scale pillar arrays 105865
Alphones, A., Thanigasalem, M. Magnetically tunable microstrip ring resonator with YIG film 73640
Alphonse, G. *see* Delfyett, P.J. 96231
Alphonsus, E.J. *see* Hansen, P.B. 68498
Alphonsus, J.E.J. *see* Eskilden, L. 109617
Alphonsus, J.E.J. *see* Eskildsen, L. 78688
Alphonsus, J.E.J. *see* Hansen, P.B. 88615
Alping, A. *see* Onnegren, J. 68455
Alquie, C. *see* Chan, H.L.W. 115430
AlSafadi, Y., Martinez, R. Digital video server for ultrasound services 108733
Alsaka, Y. *see* Ilyas, M. 108794
Alsaka, Y.A., McLean, B. Spectral shaping for the hearing impaired 110921
Alsaka, Y.A., Nawaz, M. Signal analysis for machine failure detection and prediction 108394
Alsaka, Y.A. *see* Zuniga, R.B. 66607
Alsammarae, A. *see* Behera, A.K. 91173
Alsammarae, A. *see* Behera, A.K. 102373
Alsammarae, A.J. *see* Hussain, B. 91268
Alsammarae, A.J. *see* Hussain, B. 102402
Alsammarae, G. *see* Raheja, R.D. 102370
Alsayegh, J. *see* Nagaraj, K. 114030
Alsayegh, J. *see* Un-Ku Moon 106226

Alshamali, A.M., Macario, R.C.V. Performance evaluation of TETRA in hilly and urban terrain, and in a quasi-synchronous environment 78467
Alshamali, A.M., Macario, R.C.V. TETRA performance in a quasi-synchronous transmission environment 99275
Alshamali, A.M., Macario, R.C.V. BER performance evaluation of a quasi-synchronous digital mobile radio 119040
Alsina, F., Mestres, N., Pascual, J., Geng, C., Ernst, P., Scholz, F. Raman scattering in single-variant spontaneously ordered $GaInP_2$ 72795
Alsina, P.J., Gehlot, N.S. Adaptive neurocontroller for the induction motor stator current 102682
Alsing, P.M. *see* Erneux, T. 85537
Alsing, P.M. *see* Erneux, T. 96368
Alsop, D.C., Connick, T.J. Optimization of torque-balanced asymmetric head gradient coils 90381
Alster, J. *see* Wu, J. 110619
Alston, D. *see* Russell, P.C. 79514
Alsunaidi, M.A., Imtiaz, S.M.S., El-Ghazaly, S.M. Electromagnetic wave effects on microwave transistors using a full-wave time-domain model 73737
Alsunaidi, M.A. *see* Sohel Imtiaz, S.M. 93809
Alsusa, E. *see* Ormondroyd, R.F. 78400
Alt, B.J. No more guesswork [Accu-Scan electrical environment monitoring system] 67684
Alt, J. *see* Mahlstedt, U. 61761
Alt, K.H. *see* Lockyer, A.J. 120932
Altarev, I. *see* Hartmann, P. 120119
Altawil, I.A., Rodd, M.G. Non-invasive condition monitoring and diagnosis of power electronic drives using intelligent neural network techniques 91881
Altenbach, W. Combined DH/Cooling Generation of Terminal 2 Airport Frankfurt Rhein/Main 102414
Altendorfer, H., Kren, G., Larson, C.T., Stokowski, S.E. Unpatterned surface inspection for next-generation devices [silicon wafers] 92311
Alter, T.D., Jacobs, D.W. Error propagation in 3D-from-2D recognition: scaled-orthographic and perspective projections 77311
Altermatt, H.J. *see* Pratisto, H. 101412
Altermatt, P.P., Heiser, G., Ximing Dai, Jurgens, J., Aberle, A.G., Robinson, S.J., Young, T., Wenham, S.R., Green, M.A. Rear surface passivation of high-efficiency silicon solar cells by a floating junction 121878
Altermatt, P.P. *see* Zhao, J. 103003
Alterovitz, S. *see* Moulot, J. 95941
Altet, J., Rubio, A. Built-in dynamic thermal testing technique for ICs 113846
Althainz, P., Goschnick, J., Ehrmann, S., Ache, H.J. Multisensor microsystem for contaminants in air 120878
Althainz, P., Goschnick, J., Frietsch-Klarhof, M., Ache, H.J. Alumina coatings as modifiers of the performance of metal oxide gas sensors 69373
Althaler, J., Dur, A. Finite linear recurring sequences and homogeneous ideals 103714
Althaus, L. *see* Beaini, J. 60466
Althof, V.G.M., de Boer, J.C.J., Huizenga, H., Stroom, J.C., Visser, A.G., Swanenburg, B.N. Physical characteristics of a commercial electronic portal imaging device 120508
Altibelli, A. *see* Faye, M.M. 74545
Alting, L. *see* Legarth, J.B. 60741
Altinkaya, M.A., Delic, H., Sankur, B., Anarim, E. Frequency estimation of sinusoidal signals in alpha-stable noise using subspace techniques 117499
Altinordu, A. *see* Ozev, S. 113927
Altintas, A., Ocali, O., Topcu, S., Tayner, S.G., Koymen, H. Computer aided frequency planning for the radio and TV broadcasts 88799
Altintas, A. *see* Nosich, A.I. 66082
Altman, C., Suchy, K. Mode scattering reciprocity relations in waveguides with (bi)anisotropic media 116983
Altman, E., Nain, P. Optimality of a threshold policy in the M/M/1 queue with repeated vacations 103561
Altman, E., Zhen Liu On the stability of timed token rings 109043
Altman, W.P. *see* Boiarski, A.A. 100154
Altman, Z. *see* Mittra, R. 65810
Altmann, M., Guay, B. A 155.52 Mb/s BiCMOS twisted-pair transceiver 67991
Altmann, M. *see* Cribier, M. 110538
Altmann, M. *see* Englmeier, K.-H. 120309
Altmann, S. The Electrotechnology Division of the Leipzig College of Technology, Science and Culture introduces itself 60458
Altmann, S., Hentschel, D. Has the 'world' changed for engineers–including even education? 60459
Altmeier, M. *see* Eversheim, P.D. 120080
Altner, S.B. *see* Graf, F.R. 76124
Altoe, M.V.P. *see* Mendes, K.C. 84787
Alton, G.D., Dellwo, J., Welton, R.F., Smithe, D.N. Computational studies for an advanced design ECR ion source 90097
Alton, G.D. *see* Dowling, D.T. 100713
Alton, G.D. *see* Meigs, M.J. 79886
Alton, G.D. *see* Welton, R.F. 90072
Altounian, Z. *see* Jun Yang 64317
Altounian, Z. *see* Jun Yang 115508
Altounian, Z. *see* Mao, O. 64220
Altounian, Z. *see* Mao, O. 64238
Altounian, Z. *see* Mao, O. 64323
Altounian, Z. *see* Mao, O. 115515
Altounian, Z. *see* Ming Mao 64359
Altrock, C.von *see* von Altrock, C.
Altschuler, B.R., Oliver, W.R., Altschuler, M.D. Rapid 3-D video/laser sensing and digital archiving with immediate on-scene feedback for 3-D crime scene/mass disaster data collection and reconstruction 66865
Altschuler, B.R. *see* Oliver, W.R. 66867
Altschuler, M.D. *see* Altschuler, B.R. 66865
Altshuler, E.E. A monopole loaded with a loop antenna 76580
Altshuler, E.E. Hemispherical coverage using a double-folded monopole 97310
Altshuler, K., Kube, T., Huynh, C. Etching technique for determining diamond like carbon coating wear on the trailing edge of pseudo contact thin film sliders 115739
Altshuler, T.L. *see* Pepi, J.W. 64608
Altucci, C., Bruzzese, R., De Lisio, C., Solimeno, S., Vigilante, F., Bellini, M., Foggi, P. A source of subpicosecond, coherent, high repetition rate radiation pulses for atomic physics experiments in the VUV 96721
Altukhov, I.V., Kagan, M.S., Korolev, K.A., Sinis, V.P. Far-infrared radiation under streaming conditions in compressed p-Ge 74099
Altuna, J., Mulgrew, B. A comparison of cyclostationary blind equalisation techniques 77550
Altuna, X. *see* Faugier, A. 79947
Altuna, X. *see* Faugier, A. 79948
Altunbas, I., Aygolu, U. Design of multilevel coded M-ary CPFSK systems with modulation index 1/2 76756
Altunbasak, Y., Tekalp, A.M. Very low bitrate video coding using object-based mesh design and tracking 86316
Altunbasak, Y., Tekalp, A.M. Closed-form solutions for polygon-based node motion estimation 86491
Altunbasak, Y. *see* Borshukov, G.D. 66991
Altuncu, A., Siddiqui, A.S., Ellis, A.D., Newhouse, M.A., Antos, A.J. Gain and noise figure characterisation of a 68 km long distributed erbium doped fibre amplifier 107150
Alturaigi, M.A. VLSI array to speed up the computation of TV ghost canceler parameters 109873
Alturaigi, M.A. Real-time phase-angle measurement 119826
Altuve, H.J. *see* Vazquez-Martinez, E. 111671
Altuwaijri, M.M., Bayoumi, M.A. A new recognition system for multi-font Arabic cursive words 117860
Altuzarra, A.C. *see* Estrada del Cueto, M. 119828
Aluev, A.N. *see* Polyakov, A.Y. 83905
Aluev, A.N. *see* Polyakov, A.Y. 92843
Aluru, N.R., Law, K.H., Dutton, R.W. Simulation of the hydrodynamic device model on distributed memory parallel computers 105843
Aluru, N.R., Nadkarni, V.B., White, J. A parallel precorrected FFT based capacitance extraction program for signal integrity analysis 84550
Aluyshin, A. *see* Klein, S.R. 90223
Aluyshin, A. *see* Klein, S.R. 100976
Aluyshin, M. *see* Klein, S.R. 90223
Aluyshin, M. *see* Klein, S.R. 100976
Alvarado, F. *see* Mahseredjian, J. 111445
Alvarado, F.L., Canizares, C.A., Mahseredjian, J. Symbolically-assisted power system simulation 111431
Alvarado, F.L. *see* Gronquist, J.F. 91094
Alvarado, R.Valencia *see* Valencia Alvarado, R.
Alvarado-Gil, J.J. *see* Cruz-Orea, A. 83810
Alvarenga, G.B. *see* Saldanha, R.R. 62150
Alvarenga, L.M. *see* Caldas, R.P. 102292
Alvarenga, L.M. *see* Caldas, R.P. 111686
Alvarez, A., Avella, M., Jimenez, J., Gonzalez, M.A., Fornari, R. Photocurrent contrast in semi-insulating Fe-doped InP 75686
Alvarez, A.M., Premkumar, A.B. A signal processing system for acoustic noise 97764
Alvarez, F., Gadenne, P., Hamel, C., Junchat, A. High frequency and high resolution radar and optical imagery on aerial targets 70600
Alvarez, F. *see* Montero, O. 81996
Alvarez, G.A., Kuroda, M., Matsuda, M., Miyamoto, K., Kasai, N., Koyanagi, M. Fabrication and characterization of ramp edge-type junctions 84873
Alvarez, J. *see* Sanchez, H. 73466
Alvarez, J.C. *see* Sirgo, J.A. 87783
Alvarez, J.M. *see* Jarabo, S. 107144
Alvarez, J.M. *see* Martin, J.C. 116020
Alvarez, J.M. *see* Sirgo, J.A. 87783
Alvarez, L. *see* Garcia, C. 82249
Alvarez, R. *see* Sholley, M. 88699
Alvarez, R.E. Active energy selective image detector for dual-energy computed radiography 120391
Alvarez-Arenas, T.E.G., Montero de Espinosa, F. New constitutive equations with internal coupling in piezocomposites 106353
Alvarez-Brueckmann, M. *see* Steinhausen, C. 101201
Alvarez-Fregoso, O., Mendoza-Alvarez, J.G., Zelaya-Angel, O., Morales, F. Structure and electrical properties of CdNiTe nanostructured thin films 105159
Alvarez-Isasi, R. *see* Mazon, A.J. 71011
Alvarez-Isasi, R. *see* Minambres, J.F. 121143
Alvarez-Vaquero, F., Sanz-Gonzalez, J.L. An optimum permutation test for nonparametric radar detection 119275
Alvarez-Vellisco, A., Sanz-Gonzalez, J.L. Analysis of coefficient sensitivity of lattice wave digital filters 83219
Alvensleben, F.von *see* von Alvensleben, F.
Alves, A.C.B., Monticelli, A. Parallel and distributed solutions for contingency analysis in energy management systems 90970
Alves, A.P., Sathiakumar, S. Brushless AC motor stationary and moving position estimator 91457
Alves, E.S. *see* Neves, B.R.A. 94874
Alves, E.S. *see* Neves, B.R.A. 114702
Alves, F., Perron, J.C. Study of structural relaxation in ferromagnetic amorphous Fe-Si-B ribbons by MAE investigations 64204
Alves, G.C.G. Radar magnetrons: international and Brazilian Air-Force scenarios 101653
Alves, J.C., Matos, J.S. A simulated annealing approach for high-level synthesis with reconfigurable functional units 73069
Alves, L.C., Jesus, A.P., Reis, M.A. Experimental X-ray peak-shape determination for a Si(Li) detector 101029
Alves, O.L. *see* Barbosa, L.C. 116066
Alves, O.L. *see* Reynoso, V.C.S. 74442
Alves, R. *see* Osorio, P. 99871
Alves, S.R.M. *see* Santos, R.P.P. 121100
Alves, V.Castro *see* Castro Alves, V.
Alves Coelho, E.A. *see* Alves Pereira, A. 121727
Alves da Silva, A. *see* Lambert-Torres, G. 121820
Alves da Silva, A.P. *see* Souza, J.C.S. 102326
Alves Pereira, A., Alves Coelho, E.A., Farias, V.J., Vieira Junior, J.B., Member, I., de Freitas, L.C. A lossless commutation PWM full-bridge DC-DC converter using phase shift control 121727
Alvestad, H.A. *see* Reass, W.A. 112172
Alvestad, V. *see* Randen, T. 86503
Alvis, J.R., Satterfield, M.J., Gabella, P. Using optical pattern filtering defect inspection tools and process induced defects per wafer pass for process defect control 112982
Alvisi, L., Marzullo, K. Trade-offs in implementing causal message logging protocols 98473
Alviso, C.T. *see* Pekala, R.W. 104899
Alvite, J. PC cards: Covers and frames for final assembly 94094
Alvsvaag, S.J., Macland, O.A., Klovning, A., Benvenuti, A.C., Giordano, V., Guerzoni, M., Navarria, F.L., Perrotta, A., Camporesi, T., Obraztsov, V., Paganoni, M., Vallazza, E., Bozzo, M., Cereseto, R., Barreira, G., Espirito Santo, M.C., Maio, A., Onofre, A., Peralta, L., Pimenta, M., Tome, B., Carling, H., Falk, E., Hedberg, V., Jarlskog, G., Kronkvist, I., Bonesini, M., Chignoli, F., Ferrari, P., Gumenyuk, S., Leoni, R., Mazza, R., Negri, P., Petrovykh, L., Terranova, F., Dharmasiri, D.R., Nossum, B., Read, A.L., Skaali, B., Castellani, L., Pegoraro, M., Fenyuk, A., Ivanyushenkov, I., Karyukhin, A., Konopliannikov, A., Shalanda, N., Sen'ko, V., Vlasov, E., Zaitsev, A., Bigi, M., Cassio, V., Gamba, D., Gouz, I., Migliore, E., Romero, A., Simonetti, L., Trapani, P.P., Bari, M., Della Ricca, G., Lanceri, L., Poropat, P., Prest, M. Performance of the DELPHI small angle tile calorimeter 90124
Alwan, A., Narayanan, S., Strope, B., Shen, A. Speech production and perception models and their applications to synthesis, recognition, and coding 86156
Alwan, A. *see* Jain, R. 87669
Alwash, J.H.H. Predicting performance of three-phase induction motors connected to single-phase supplies 102685
Alwash, S.R., Zakaria, W.S. Theoretical and experimental verification of a new slip-energy recovery drive using double-circuit-rotor induction motor 91829
Alwash, S.R. *see* Zakaria, W.S. 112467
Alwash, S.R. *see* Zakaria, W.S. 112468
Alwi, H.A.B., Smith, B.V., Carey, J.R. Factors which determine the tunable frequency range of tunable transducers 101613
Aly, K.A. Large-scale passive photonic switch architecture 68028
Alyabina, N.A. *see* Kornaukhov, A.V. 73700
Alyabina, N.A. *see* Kornaukhov, A.V. 73710
Alyabina, N.A. *see* Kornaukhov, A.V. 73714
Alyab'yev, S.I. The representation of modulated oscillations in state space 77056
Alyoshin, V.A., Grineva, L.D., Razumovskaya, O.N., Kozakov, A.T., Shevtsova, S.I., Servuli, V.A., Molchanova, R.A., Shilkina, L.A. Specific features and properties of lead-titanate-based anisotropic ceramics 106314
Alyoshin, V.A., Sviridov, E.V., Zakharchenko, I.N., Dudkevich, V.P. Crystal structure perfection and domain structure revealing in epitaxial ferroelectric thin films 115421
Alzawa, M. *see* Tachibana, K. 81769
Alzayed, N.S., Wong, K.W., Fan, C.X., Xin, Y., Lu, D.F., Knapp, D.E. Magnetic attenuation by HTC superconducting cylinders 64504
Alzoubi, M.F. *see* Kumar, S. 82800
Amabile, M. *see* Lanzillotto, A. 69571
Amada, H., Minemura, M., Shikada, Y., Arimichi, H., Kuratani, I. Structural technique for operation system platform 109191

Amada, T., Akamine, M., Miseki, K. Fast excitation codebook search based on the orthogonalized target vector for CELP speech coding 76841
Amadi-Echendu, J.E., Higham, E.H. Curriculum development and training in process measurements and control engineering 72110
Amadi-Echendu, J.E., Jun Ma Minimal repetition BAER signal enhancement by filtering 110860
Amadi-Echendu, J.E. *see* Murnane, S.N. 70529
Amadon, A. *see* Aleksan, R. 62561
Amafuji, H. *see* Fukai, K. 100257
Amagai, J., Kunimori, H. Crustal deformation monitoring system for the Tokyo metropolitan area. Satellite laser ranging system for the Key Stone Project. Design concept of KSP-SLR system. Timing measurement system 101538
Amagai, J., Kurihara, N., Takahashi, F., Imae, M., Miki, C., Yoshino, T., Kunimori, H. Crustal deformation monitoring system for the Tokyo metropolitan area. Functions and situations of observation stations of KSP. Koganei central station. Building, facilities and functions 101542
Amagai, J., Miki, C. Crustal deformation monitoring system for the Tokyo metropolitan area. Satellite laser ranging system for the Key Stone Project. Design concept of KSP-SLR system. Telescope pedestal, dome and supplementary facilities 101536
Amagai, J. *see* Kunimori, H. 99670
Amagai, J. *see* Kunimori, H. 101535
Amagai, J. *see* Kurihara, N. 101545
Amagai, J. *see* Miki, C. 101544
Amagai, J. *see* Otsubo, T. 101541
Amagai, M. Effect of adhesive surface chemistry and morphology on package cracking in tapeless lead-on-chip (LOC) packages 60608
Amagai, M. Investigation of stress singularity fields and stress intensity factors for cracks [IC packages] 95161
Amagai, M. *see* Karashima, A. 61930
Amagai, S. *see* Smith, D. 60752
Amagai, S. *see* Smith, D. 110287
Amagi, M. Investigation of stress singularity fields and stress intensity factors for interfacial delamination (an application of thermosetting polyimide for a tapeless lead-on-chip (LOC) package) 112931
Amagi, S. *see* Ichiki, T. 61352
Amako, K. *see* Fukui, S. 101854
Amako, K. *see* Maekawa, H. 102917
Amaldi, U., Silari, M. Biomedical applications of hadron accelerators 101423
Amalric, J. *see* Houzelle, S. 111334
Amalric, J.-L. *see* Elajmi, M. 66062
Amamiya, Y. *see* Tanaka, S. 83532
Aman, J., Chartier, J.-M., Zarka, A., Talvitie, H., Pendrill, L.R., Hammersberg, M. External cavity diode laser around 633 nm: a possible future optical frequency standard 99822
Aman, J. *see* Talvitie, H. 107291
Amand, F., Benesty, J., Gilloire, A., Grenier, Y. Multi-channel acoustic echo cancellation 67997
Amankath, H. *see* Whitham, K. 89719
Amann, E., Leininger, W. Asymmetric all-pay auctions with incomplete information: the two-player case 82394
Amann, J.F. *see* Szymanski, J.J. 110589
Amano, C., Rudra, A., Grunberg, P., Carlin, J.F., Ilegems, M. Growth temperature dependence of the interfacet migration in chemical beam epitaxy of InP on nonplanar substrates 103936
Amano, C. *see* Ohiso, Y. 96279
Amano, C. *see* Yamamoto, T. 78320
Amano, H. *see* Akasaki, I. 75922
Amano, H. *see* Akasaki, I. 82645
Amano, H. *see* Akasaki, I. 103973
Amano, H. *see* Burm, J. 63778
Amano, H. *see* Gotz, W. 114891
Amano, H. *see* Nishi, H. 104433
Amano, H. *see* Ruvimov, S. 94338
Amano, H. *see* Wetzel, C. 62703
Amano, J. *see* Chen, C.H. 92710
Amano, K., Uchiike, H., Baba, K., Tokura, M., Kamiya, M. Characteristics of thick-film-printed MgO for a practical use in ac plasma displays 89300
Amano, K. *see* Umemura, F. 81816
Amano, M., Tomida, H., Takagi, T. 24/36 kV gas insulated load break switchgear for spot network 121793
Amano, M., Zecevic, A.I., Siljak, D.D. An improved block-parallel Newton method via epsilon decompositions for load-flow calculations 101735
Amano, M. *see* Iida, H. 101321
Amano, M. *see* Kaneko, S. 92952
Amano, M. *see* Shuto, Y. 65471
Amano, M. *see* Usui, M. 116079
Amano, N., Hashimoto, H., Higashiguchi, M. Estimation of vehicle position based on projective function using the sequence of a 2D image 98070
Amano, S. *see* Miyanaga, N. 85564
Amano, T. *see* Kaga, Y. 112874
Amano, T. *see* Mizuma, T. 122021
Amano, T. *see* Yamashita, A. 108569
Amanowicz, M., Jeziorski, A. Multilayer microstrip radiators 108089
Amanullah, A.S., Salehi, M. Adaptive quantization for fading channels with feedback 76775
Amanuma, K. *see* Koike, H. 75061
Amao, Y. *see* Hachiya, H. 90867
Amar, F. *see* Chen, K.S. 70462
Amar, J.G., Family, F. Kinetics of submonolayer and multilayer epitaxial growth 60813
Amar, N.Ben *see* Ben Amar, N.
Amara, A. *see* Royannez, P. 93264
Amara, K. *see* Ozkul, C. 107686
Amara, S., Moglie, F. Finite difference time domain analysis of multifed nonhomogeneous loaded cavity 112603
Amara, S. *see* Moglie, F. 85917
Amaratunga, G. *see* Evans, J. 106000
Amaratunga, G. *see* Sankara Narayanan, E.M. 82936
Amaratunga, G.A.J., Silva, S.R.P. Nitrogen containing hydrogenated amorphous carbon for thin-film field emission cathodes 62555
Amaratunga, G.A.J., Silva, S.R.P. Field emission from a-C:H and a-C:H:N 94178
Amaratunga, G.A.J. *see* Chen, W. 63648
Amaratunga, G.A.J. *see* Okano, K. 94175
Amaratunga, G.A.J. *see* Udrea, F. 105492
Amarendra, G., Rao, G.V., Viswanathan, B. Monoenergetic positron beams: production and experiments 120087
Amari, S., Bornemann, J. LSE- and LSM-mode sheet impedances of thin conductors 73680
Amari, S. *see* Cichocki, A. 117438
Amari, S. *see* Date, A. 61848
Amari, S. *see* Gimersky, M. 108012
Amari, S. *see* Yang, H.H. 108368
Amari, S.-I. *see* Shimokawa, H. 66227
Amarnath Reddy, E., Macpherson, D.E. Decision support software for the design of power electronic systems 102839
Amat, E. *see* Poveda, J. 99420
Amat-Guerri, F. *see* Costela, A. 96123
Amat-Guerri, F. *see* Costela, A. 107136
Amat-Guerri, F. *see* Costela, A. 116388
Amat-Guerri, F. *see* Fimia, A. 116753
Amato, D. *see* Lebet, J.P. 70212
Amato, G., Boarino, L., Brunetto, N., Rossi, A.M., Parisini, A. Investigation of the non-radiative processes in porous silicon 94253
Amato, G., Bullara, V., Brunetto, N., Boarino, L. Drying of porous silicon: a Raman, electron microscopy, and photoluminescence study 94296
Amato, G. *see* Cicala, G. 72883
Amato, L., Fellegara, A., Sacchetto, P., Boffi, P., Melloni, A., Martinelli, M. Polarization-independent Kerr coefficient measurement in optical fibers 65444
Amato, L. *see* Fellegara, A. 85012
Amato-Wierda, C., Zachariah, M.R., Burgess, D.R.F., Jr. Kinetic and mechanistic studies of the thermal decomposition of tetraethoxysilane (TEOS) in a flow reactor coupled to a molecular beam mass spectrometer 61417
Amatucci, V. *see* Wong, C.C. 74987
Amatuni, A.T., Elbakian, S.S., Khachatryan, A.G., Sekhpossian, E.V. Focusing in different models of cold overdense plasma-electron bunch system 79895
Amatuni, A.Ts. *see* Khachatryan, A.G. 110487
Amatuni, L.E. *see* Klushin, A.M. 106695
Amatuni, T., Kazaryan, G., Mkrtchyan, H., Tadevosyn, V., Vulcan, W. A study of gain variation in Philips XP–3462P photomultipliers 83778
Amaudruz, P.A. *see* Smith, G.R. 120229
Amault, J.C. *see* Le Normand, F. 92872
Amaya, M., Kubo, T., Korei, Y. Thermal conductivity measurements on UO$_{2+x}$ from 300 to 1400 K 121317
Amayenc, P. *see* Marzoug, M. 80640
Amazutsumi, T. *see* Fukuda, I. 81708
Ambacher, A.O. *see* Kelly, M.K. 105687
Ambainis, A. Communication complexity in a 3-computer model 108129
Ambats, I. *see* Allison, W.W.M. 90178
Amblard, P.O., Gaeta, M., Lacoume, J.L. Statistics for complex variables and signals. I. Variables 117411
Amblard, P.O., Gaeta, M., Lacoume, J.L. Statistics for complex variables and signals. II. Signals 117412
Ambler, T., Abadir, M. *(editors)* Proceedings. Third International Conference on the Economics of Design, Test, and Manufacturing (Cat. No.94TH0701-3) 72048
Amborg, T. *see* Dutton, R.W. 73038
Ambree, P. *see* Kollakowski, S. 89097
Ambri, M. *see* Drouot, V. 106056
Ambri, M. *see* Sacilotti, M. 94476
Ambroladze, A., Wallin, H. Convergence rates of Pade and Pade-type approximants 113207
Ambrose, B.E., Goodman, R.M. Neural networks applied to traffic management in telephone networks 118275
Ambrose, J., King, B., Tower, J., Hughes, G., Levine, P., Villani, T., Esposito, B., Davis, T., O'Mara, K., Sjursen, W., McCaffrey, N., Pantuso, F. High frame rate infrared and visible cameras for test range instrumentation 70580
Ambrose, T., Chien, C.L. Finite-size scaling in thin antiferromagnetic CoO layers 75183
Ambrose, T.P. *see* Peri, M.L. 100132
Ambrosio, G., Ametrano, F., Bellomo, G., Broggi, F., Rossi, L., Volpini, G. Preliminary proposal of a Nb$_3$Sn quadrupole model for the low β insertions of the LHC 75373
Ambrosoli, L., Burger, L., Huterer, M. TMN architecture for SDH networks using IS-IS routing protocol: design and performances 118246
Ambrosy, A. *see* Klenk, M. 96423
Ambrosy, A. *see* Spalthoff, U. 96071
Ambrozic, V. An example of sensorless induction motor control 71317
Ambrozic, V. *see* Suhodolcan, U. 90939
Ambs, P. *see* Bigue, L. 77191
Amburgey, O.G. *see* Harmon, R.W. 121207
Amca, H.A. Comparison of the performance of multi-carrier IFSK and M-ary IFSK modulation techniques in indoor portable radio communications systems 68209
Amca, H.A. Evaluation of adaptive techniques to improve the performance of indoor millimeterwave wireless communications systems 68219
Amei, K. *see* Sakui, M. 71483
Amelia, J.C. *see* Jongen, Y. 101424
Amelin, S.A., Novikov, A.A., Stroyev, K.N., Stroyev, N.N. Modification of the Giles-Atherton model to take account of the frequency properties of ferromagnetic materials 64200
Amelinckx, S. *see* Hodges, J.P. 75324
Amemiya, F. *see* Tokuda, M.. 67976
Amemiya, K. *see* Yamada, S. 93390
Amemiya, M., Sato, Y. FSA-10G large capacity submarine optical amplifier system and upgrade trials for the future 88552
Amemiya, M. *see* Okajima, Y. 103807
Amemiya, M. *see* Sumida, M. 119169
Amemiya, N., Banno, N., Tsukamoto, O. AC loss and stability analysis in multifilamentary superconductors based on temporal evolution of current/temperature distribution 95398
Amemiya, N. *see* Ito, M. 95418
Amemiya, N. *see* Sato, S. 91561
Amemiya, Y. *see* Akazawa, M. 95079
Amemiya, Y. *see* Hayakawa, Y. 120552
Amemiya, Y. *see* Nan-Jian Wu 94570
Amendola, A.M., Benso, A., Corno, F., Impagliazzo, L., Marmo, P., Prinetto, P., Rebaudengo, M., Sonza Reorda, M. Fault behavior observation of a microprocessor system through a VHDL simulation-based fault injection experiment 113984
Ameneiro, S.Barro *see* Barro Ameneiro, S.
Amer, K. Performance analysis of multiple priorities on token ring LANs to support multimedia 67845
Amer, P.D. *see* Conrad, P.T. 87408
Amer, P.D. *see* Marasli, R. 87790
Amerasekera, A., Ramaswamy, S., Mi-Chang Chang, Duvvury, C. Modeling MOS snapback and parasitic bipolar action for circuit-level ESD and high current simulations 95031
Amerasekera, A. *see* Banerjee, K. 94852
Amerasekera, A. *see* Chen, J.Z. 95217
Amerasekera, A. *see* Duvvury, C. 74830
Amerasekera, A. *see* Duvvury, C. 96921
Amerongen, R.A.M.Van *see* Van Amerongen, R.A.M.
Amersfoort, M. *see* Zah, C.E. 68417
Amersfoort, M.R., Soole, J.B.D., LeBlanc, H.P., Andreadakis, N.C., Rajhel, A., Caneau, C., Koza, M.A., Bhat, R., Youtsey, C., Adesida, I. Polarization-independent InP-arrayed waveguide filter using square cross-section waveguides 75660
Amersfoort, M.R., Soole, J.B.D., LeBlanc, H.P., Andreadakis, N.C., Rajhel, S., Caneau, C., Bhat, R., Koza, M.A. Advances in monolithic InP grating-based WDM components 88482
Amersfoort, M.R. *see* Soole, J.B.D. 106926
Amersfoort, M.R. *see* Soole, J.B.D. 106928
Amersfoort, M.R. *see* Spiekman, L.H. 78883
Amersfoort, M.R. *see* Zah, C.E. 76034
Amersfoort, P.W.Van *see* Van Amersfoort, P.W.
Amersfoort, W.Van *see* Van Amersfoort, W.
Amerson, R., Carter, R., Culbertson, W., Kuekes, P., Snider, G., Albertson, L. Plasma: an FPGA for million gate systems 61784
Amerson, R., Carter, R., Culbertson, W., Kuekes, P., Snider, G., Albertson, L. An FPGA for multi-chip reconfigurable logic 104521
Ames, F., Doebeli, M., Musil, C.R., Nebiker, P.W., Scandella, L., Suter, M., Synal, H.A. Acceleration of clusters, collision induced charge exchange at MeV energies and applications for materials science 100795
Ames, L.L. *see* Targ, R. 120611
Ames, S.A. *see* Sandrin, W.A. 99443
Amess, P. *see* Cady, E.B. 80283
Ameta, S.C., Dangi, G., Rao, P., Khamesra, S. Use of azur B-glucose systems in a photogalvanic cell for solar energy conversion 112395
Ameta, S.C. *see* Dube, S. 121837
Ametani, A. An efficient method to deal with boundary conditions in an electromagnetic transient analysis 111618
Ametani, A., Nagaoka, N., Noda, T., Matsuura, T. A simple and efficient method for including a frequency-dependent effect in a transmission line transient analysis 111614
Ametani, A., Wan, C.T. Sheath overvoltages due to faults on an EHV cable 111633
Ametani, A. *see* Karasaki, T. 111634
Ametani, A. *see* Matsuura, T. 91164
Ametani, A. *see* Nagaoka, N. 111589
Ametani, A. *see* Sekioka, S. 111592
Ametrano, F. *see* Ambrosio, G. 75373
Amey, D.I. *see* Ladd, S.K. 83665

Amezawa, Y., Sato, S. Performance analysis of optimum RAKE receiver for fast fading in DS-CDMA mobile radio communication system 109507
Ameziane, E.L. *see* Abounadi, A. 114769
Ameziane, E.L. *see* Debbagh, F. 74440
Ami, T. *see* Suzuki, M. 61157
Amici, G.De *see* De Amici, G.
Amiel, M. *see* Trousset, Y. 70059
Amin, A., Fischer, S., Parkinson, T., Shin, R. Fast algorithm for skew detection 66891
Amin, A. *see* Iyer, S. 77124
Amin, A.A., Hamzah, A.A., Abdel-Aal, R.E. Generic DFT approach for pattern sensitive faults in word-oriented memories 73325
Amin, B. Slot-based equations and general equivalent circuit in induction motor-analysis and control [discussion and reply] 81465
Amin, M. *see* Jouny, I. 88672
Amin, M.B., Vinnakota, B. ZAMBEZI: a parallel pattern parallel fault sequential circuit fault simulator 104496
Amin, M.G. Minimum variance time-frequency distribution kernels for signals in additive noise 108324
Amin, M.G., Lindsey, A.R., Chenshu Wang On the application of time-frequency distributions in the excision of pulse jamming in spread spectrum communication systems 118810
Amin, M.G., Rosenstock, M.D. A two step incoherent signal subspace averaging to mitigate multipath due to propeller scattering 117503
Amin, M.G., Venkatesan, G.T., Carroll, J.F. A constrained weighted least squares approach for time-frequency distribution kernel design 66811
Amin, M.G. *see* Jouny, I.I. 86238
Amin, V. *see* Patel, A. 92292
Aminaka, E.-I., Tsutsui, T., Saito, S. Effect of layered structures on the location of emissive regions in organic electroluminescent devices 75737
Amine, K., Tukamoto, H., Yasuda, H., Fujita, Y. A new three-volt spinel $Li_{1+x}Mn_{1.5}Ni_{0.5}O_4$ for secondary lithium batteries 71635
Amingual, D. Second generation infrared detectors: present situation and prospects in France 69119
Amini, A., Jagadeesh, J.M., McGinley, B.J. Three dimensional thinning of octree encoded objects 70082
Amini, A. *see* Radeva, P. 110746
Amini, A.A., Curwen, R.W., Gore, J.C. Snakes and splines for tracking non-rigid heart motion 70023
Amini, F. Combined vanes [Francis turbine efficiency] 121397
Aminov, B.A. *see* Hein, M.A. 83398
Aminov, T.G. *see* Golik, L.L. 64903
Aminpirooz, S., Katsikini, M., Rossner, H., Holub-Krappe, E. The structure of sodium adsorbed c(2×8)-Ge(111) surface 84205
Amir, A., Lindenbaum, M. Quantitative analysis of grouping processes 67250
Amir, E., Breitgand, D., Chockler, G.V., Dolev, D. Group communication as an infrastructure for distributed system management 118344
Amir, O. *see* Greenham, N.C. 75764
Amir, Y., Wool, A. Evaluating quorum systems over the Internet 98667
Amiradozi, J., Yaz, E.E., Olejniczak, K.J. Adaptive compensation of nonlinear loads in power systems 70781
Amiranoff, F., Bernard, D., Cros, B., Jacquet, F., Matthieussent, G., Marques, J.R., Mine, P., Mora, P., Modena, A., Morillo, J., Moulin, F., Najmudin, Z., Specka, A.E., Stenz, C. A summary of the beatwave experiments at Ecole Polytechnique 79838
Amiranoff, F., Moulin, F., Fusellier, J., Joly, J.M., Juillard, M., Bercher, M., Bernard, D., Debraine, A., Dieulot, J.M., Jacquet, F., Matricon, P., Mine, Ph., Montes, B., Morano, R., Poilleux, P., Specka, A., Morillo, J., Ardonceau, J., Cros, B., Matthieussent, G., Stenz, C., Mora, P. Experimental study of electron acceleration by plasma beat-waves with Nd lasers 89645
Amirazodi, J., Yaz, E.E., Olejniczak, K.J. Adaptive prediction and control of harmonic signals in electric power systems 121118
Amiri, A., Pirkul, H. Primary and secondary route selection in backbone communication networks 87511
Amirijoo, S. *see* Mekuria, F. 101052
Amirkhanov, R.N., Ghots, S.S., Bakhtizin, R.Z. A study of autocorrelation function of 1/f current fluctuations in vacuum microelectronic devices 74046
Amirkhanov, R.N., Ghots, S.S., Bakhtizin, R.Z. Autocorrelation function of 1/f current fluctuations in vacuum microelectronics devices 83753
Amirmadhi, F., Brau, C., Becker, K., Mendenhall, M. New autocorrelation technique for the IR FEL optical pulsewidth measurements 96557
Amirmadhi, F., Brau, C.A., Mendenhall, M., Engholm, J.R., Happek, U. Electron bunch length measurements at the Vanderbilt FEL 96488
Amirmehrabi, H., Viswanathan, R. Performance loss computation in distributed detection 66638
Amirov, R.H., Asinovsky, E.I., Samoilov, I.S. Application of high voltage nanosecond technique for pollution control 80680
Amishiro, H. *see* Kondo, Y. 73593
Amit, D.J. *see* Wright, J.J. 101391
Amit, M. Measurement of "hot spots" in copper vapour lasers 116382
Amitai, Z., Muegge, M. OuickSwitch devices for high performance applications 61995
Amitai, Z., Wyland, D.C. High speed logic design–an overview 61742
Amitai, Z., Wyland, D.C. Trends in specialty memories–from FIFOs to CAMs 61882
Amitai, Z., Wyland, D.C. High speed logic design–an overview 73280
Amitani, K. *see* Nishio, T. 71809
Amitay, N. Resource auction multiple access (RAMA) for fast access/resource assignment and handoff in the PCS/cellular environments 68007
Amjadi, H., Thielemann, C. Silicon-based inorganic electrets for application in micromachined devices 115393
Amm, D.T. *see* Sedlar, M. 84692
Ammann, F. Customer complaints: indicator of customer satisfaction 118200
Ammann, H. *see* Peter, D.S. 65074
Ammar, C.Fauquet-Ben *see* Fauquet-Ben Ammar, C.
Ammar, M. *see* Krupczak, B. 87800
Ammar, M.H. *see* Almeroth, K.C. 99762
Ammar, M.H. *see* Almeroth, K.C. 109173
Ammar, M.H. *see* Almeroth, K.C. 118213
Ammar, M.H. *see* Shun Yan Cheung 87952
Ammar, M.H. *see* Shun Yan Cheung 109074
Ammar, M.H. *see* Xue Li 109244
Ammari, A.C., Pierrat, L. Operation of a single phase opening/reclosing cycle on an hydroelectric motor-pump: a numerical simulation approach 111834
Ammari, H. *see* Abboud, T. 116863
Ammer, U. *see* Haas, A. 120912
Ammermann, D. *see* Kowalsky, W. 106994
Ammon, R. v. *see* Cribier, M. 110538
Ammon, S. *see* Erskine, C. 98956
Ammon, W.V. *see* Dornberger, E. 61152
Ammon, W.Von *see* Von Ammon, W.
Ammons, J.C. *see* Eben-Chaime, M. 61526
Ammons, J.C. *see* Stuart, J.A. 72259
Ammoumou, A., Aboutajdine, A. Adaptive image restoration using the multichannel fast QR-RLS algorithm 117859
Amochkina, T.V. *see* Vasil'ev, F.P. 60896
Amodeo, G., de Matthaeis, P., Ferrazzoli, P., Paloscia, S., Pampaloni, P., Schiavon, G., Sigismondi, S., Solimini, D. Monitoring vegetation features with multi-temporal SAR data 111327
Amodio, P., Brugnano, L. The conditioning of Toeplitz band matrices 72625
Amold, T. *see* Barlow, A. 64677
Amon, J. *see* Zanetta, L.C., Jr. 111621
Amon, S. *see* Aljancic, U. 79332
Amon, S. *see* Betta, G.F.D. 63800
Amon, S. *see* Krizaj, D. 74624
Amon, S. *see* Krizaj, D. 94900
Amon, S. *see* Krizaj, D. 105831
Amon, S. *see* Pavlin, M. 79331
Amon, S. *see* Resnik, D. 63415
Amon, S. *see* Sokolic, S. 74700
Amon, S. *see* Sokolic, S. 94434
Amon, S. *see* Sokolic, S. 94922
Amone, D.D., Burroughes, J.H., Pepper, M., Norman, C., Evans, R.J., Burke, T., Ritchie, D.A., Grimshaw, M.P. Far-infrared study of a quasi-one-dimensional electron gas formed on (100)GaAs facets with hole gas sidegates on a (311)A GaAs substrate 105272
Amoore, J.N. Pulse oximetry: an equipment management perspective 80371
Amoozegar, F., Sadati, S.H., Notash, A. Neural network detection and parameter estimation of airborne laser pulses through atmospheric transmission 88715
Amoozegar, F., Sundareshan, M.K. Adaptive Kalman filter implementation by a neural network scheme for tracking manoeuvring targets 97803
Amoozegar, F. *see* Bakhtiar, B. 86237
Amoozegar, F. *see* Gazor, S. 86236
Amoozegar, F. *see* Sundareshan, M.K. 108295
Amor, L.B., Dessaint, L.-A., Hebert, B., Akhrif, O. On-line estimation of the instantaneous torque of a switched reluctance motor 102658
Amor, S.Ben *see* Ben Amor, S.
Amore, O. *see* Hugon, X. 69307
Amorim, A.A., Lasprilla, A.M.d.C., Tebaldi, M., Bolognini, N. Photorefractive implementation of the Talbot effect and applications 117835
Amorim, A.A. *see* del Carmen Lasprilla A, M. 77504
Amorim, A.Agra *see* Agra Amorim, A.
Amorini, F. *see* Cardella, G. 110599
Amoroso, N. *see* Iannone, E. 99546
Amoruso, V., Lattarulo, F. Diakoptic approach to the electrostatic man-animal scaling problem 70269
Amoruso, V., Lattarulo, F. Investigation on the Deutsch assumption: experiment and theory 104989
Amos, A.T., Burrows, B.L., Davison, S.G. Wide-band and narrow-band approximations for donor-bridge-acceptor systems 104965
Amos, D. PLD architectures match DSP algorithms 93276
Amos, N. *see* Adams, M. 110591
Amosov, M.M. *see* Yurmanov, V.A. 121281
Amoult, A. *see* Veron, M.B. 104035
Amour, A.St. *see* St. Amour, A.
Amozandeh, G. *see* Tan, N. 93502
Ampelas, A., Vappereau, P. Paris' contactless smart-card for ticketing a telepayment system for pedestrian 88099
Amphay, S.A. *see* Talele, S.E. 120943
Amphlett, J.C., Mann, R.F., Peppley, B.A. On board hydrogen purification for steam reformation/PEM fuel cell vehicle power plants 91865
Amphlett, J.C., Mann, R.F., Peppley, B.A., Roberge, P.R., Rodrigues, A. Modelling the dynamic behaviour of PEM fuel cells 112312
Amra, C. *see* Deumie, C. 116185
Amra, C. *see* Deumie, C. 119900
Amra, C. *see* Maure, S. 116184
Amrani, M.E.Hassan *see* Hassan Amrani, M.E.
Amrani, M.El *see* El Amrani, M.
Amrani, O., Beery, Y. Efficient bounded-distance decoding of the hexacode and associated decoders for the Leech lattice and the Golay code 66519
Amrani, O. *see* Yellin, D. 66414
Amrhein, M., Srinivasan, B., Bonvin, D., Schumacher, M.M. Inferring concentrations on-line from near-infrared spectra: nonlinear calibration via mid-infrared measurements 68960
Amsbury, D.L. *see* Jones, T.D. 90734
Amsbury, D.L. *see* Willis, K.J. 103344
Amstel, W.D.van *see* van Amstel, W.D.
Amthauer, E., Nordanlycke, I. Economical security enhancement 101975
Amtower, R.E. Low cost machine vision systems extend manufacturing applications 67210
Amurohka, H., Yoshida, H., Iwamoto, O., Uozumi, Y., Anohtomi, A., Sakae, T., Matoba, M., Maki, T., Koori, N. Tail suppression with particle identification technique in stacked NaI(Tl) spectrometer for intermediate energy 100892
Amy-Klein, A., Saltiel, S., Rabi, O., Ducloy, M. Four-wave-mixing-induced cross-over resonances in nonlinear reflection spectroscopy 96720
Amzajerdian, F. *see* Chen Feng 68704
An, C., Minemoto, T. Architecture of special-purpose computer for fast Fourier transform using wavelength-multiplexed optical interconnection 85191
An, C.W. *see* Mertin, M. 92925
An, H., Monti, O., Wu, K., Bosisio, R.G. A novel type of low-cost high performance coaxial cable coupler 114360
An, K.N. *see* Smutz, W.P. 69954
An, M. *see* Lu, C. 97750
An, P.E., Healey, A.J., Smith, S.M., Dunn, S.E. New experimental results on GPS/INS navigation for Ocean Voyager II AUV 88788
An Byeong Chul *see* Byeong Chul An
An Byung-Chul *see* Byung-Chul An
An Chul *see* Chul An
An Haiyan *see* Liu Baolin 75918
An Hongming *see* Hongming An
An Jung-Soo *see* Jung-Soo An
An Lam *see* Cronyn, W. 109784
An Le Thi Hoai *see* Le Thi Hoai An
An Luo *see* Luo An
An Myongkyun *see* Myongkyun An
An Myung Hwan *see* Myung Hwan An
An Ping Zhao, Raisanen, A.V. Application of a simple and efficient source excitation technique to the FDTD analysis of waveguide and microstrip circuits 104869
An Ping Zhao, Raisanen, A.V. A simple source excitation scheme for the FD-TD analysis of waveguide discontinuities 116958
An Sunshin *see* Sunshin An
An Yong Kon *see* Yong Kon An
An Young-Joo *see* Young-Joo An
An Youren *see* Ren Lijuan 121534
An-Chun Tien *see* June-Koo Rhee 96597
An-Fu Niu *see* Li-Qun Gu 106903
An-Fu Tzou, Chrong-Fa Tsai An introduction on the image monitor system for substation 71599
An-Hong Jeng An overview of Taipower's nuclear power operation 102363
An-Na Choi *see* Byeong-Chul Ahn 68295
An-Na Choi *see* Yong-Wan Park 78438
An-Yeu Wu, Liu, K.J.R. Split Recursive Least-Squares: algorithms, architectures, and applications 117336
Anada, T. *see* Sewell, P. 62229
Anada, T. *see* Sewell, P. 64770
Anada, T. *see* Sewell, P. 116956
Anagnostopoulos, A.N. *see* Kalkan, N. 75695
Anagnostopoulos, A.N. *see* Karakotsou, C. 83878
Anagnostopoulos, A.N. *see* Ozer, M. 113284
Anagnostopoulos, A.N. *see* Polychroniadis, E.K. 94430
Anagnostopoulos, A.N. *see* Trifonova, E. 82584
Anagnostopoulos, A.N. *see* Trifonova, E.P. 92675
Anagnostou, M.E., Sanchez-P., J.-A., Venieris, I.S. A multiservice user descriptive traffic source model 117985
Anagreh, Y., Thomas, G. Reduction of reluctance torque in a commutator permanent magnet DC motor 91545
Anagreh, Y., Thomas, G. Finite element post processing for permanent magnet motors 102747
Analoui, M. Effect of noise in time reversed TLM method 107967
Analoui, M. *see* El-Sharkawy, M. 101092
Anami, S. *see* Hayakawa, K. 96456
Anami, S. *see* Michizono, S. 100447

Anan, F. *see* Harada, K. 121545
Anan, T. *see* Shimomura, H. 72840
Ananasso, F., Delli Priscoli, F. Standardization, frequency spectrum and regulatory issues for satellite personal communications 68260
Ananasso, F., Delli Priscoli, F. Satellite personal communications: integration scenarios with terrestrial networks 68262
Ananasso, F., Priscoli, F.D. Issues on the evolution towards satellite personal communication networks 78503
Anand, R. *see* Bhattacharyya, A.B. 101436
Anand, R.K., Singh, G. ISO-9000 and quality management system in hospitals 110644
Anand, R.S., Kumar, V. Efficient and reliable detection of QRS-segment in ECG signals 120425
Anand, S., Guha, S.K. Computer aided rehabilitation for the handicapped 120532
Anand, S., Lindahl, J., Pistol, M.-E., Samuelson, L. Sharp line injection luminescence from InP quantum dots buried in GaInP 94329
Anand, S. *see* Allada, V. 86332
Anand, S. *see* Damodarasamy, S. 100321
Anand, S. *see* Njoku, P.C. 110743
Anand, S. *see* Pettersson, H. 63022
Anand, S. *see* Pistol, M.-E. 63027
Anand, S. *see* Ramvall, P. 105339
Anand, S. *see* Sengupta, A. 110778
Anand, S.S., Kasturi, K., Sriram, G. Accounting architecture for cellular networks 99269
Anand, S.S. *see* Juneja, B. 99274
Anand, V. Microwave modelling of a photo-detector/amplifier for optical communication systems 88549
Anand, Y., Malik, R.J. High ESD burnout surface mount GaAs zero bias detector diodes for wireless RF tag applications 93847
Ananda, M., Munjal, P., Sung, R., Woo, K.T. CAG signal structure to accommodate wide area differential GPS (WADGPS) data 78623
Anandalingam, G. *see* Clarke, L.W. 118171
Anandan, P. *see* Burt, P.J. 77132
Anandan, P. *see* Hansen, M. 77133
Anandan, P. *see* Irani, M. 67222
Anandan, P. *see* Irani, M. 86626
Anandan, P. *see* Kumar, R. 77309
Anandukumaran, K.R. *see* Narayanan, S.S. 112007
Ananth, M.V., Parthasaradhy, N.V. Magnetization behaviour of electrodeposited Zn-Mn alloys 115540
Ananthakrishnaiah, U. *see* Rai, A.S. 61060
Ananthakrishnan, P. *see* Yegna Narayanan, S.S. 111919
Ananthakrishnan, P. *see* Yegna Narayanan, S.S. 111920
Ananthapadmanabha, T., Kulkarni, A.D., Parthasarathy, K., Rao, G.A.S. Knowledge-based expert system for power distribution system planning 101987
Ananthapadmanabha, T., Parthasarathy, K., Kulkarnia, D., Gopala Rao, A.S. Knowledge based expert system for optimal reactive power control in distribution system 102061
Anantharam, L. OCHLA report of E-10B exchange 118718
Anantharam, V. *see* McKeown, N. 87309
Ananthasuresh, G.K. *see* Gilbert, J.R. 74898
Anapol, M., Philippon, R., Tucker, T., Kraft, D., Bond, J. Ultralightweight silicon carbide infrared cryogenic telescope 64868
Anapolsky, L.Yu., Tarasov, V.I., Timofeyev, S.V. Analysis of the equations for the three-node electrical power system steady-state performance 120953
Anarim, E. *see* Altinkaya, M.A. 117499
Anarim, E. *see* Aydin, T. 108500
Anashin, V.V. *see* Calder, R. 94167
Anashkin, O.P. *see* Keilin, V.E. 103042
Anastasi, G., Grillo, D., Lenzini, L., Mingozzi, E. A bandwidth reservation protocol for speech/data integration in TDMA-based advanced mobile systems 88274
Anastasopoulos, A. *see* Polydoros, A. 88380
Anastassiou, D. *see* Chung-Tao Chu 86749
Anastassiou, D. *see* Eleftheriadis, A. 118210
Anastassiou, D. *see* Pejhan, S. 77762
Anastassiou, D. *see* Pejhan, S. 108742
Anastassiou, D. *see* Tseng, B.L. 67125
Anastassiou, G.A., Zhou, M. Simultaneous approximation of the Feller operator 60934
Anastassiu, H.T. *see* Ross, D.C. 99655
Anastossiou, D. *see* Tseng, B.L. 97903
Anaya, J.J. *see* Fritsch, C. 111394
Anbarasu, R., Gupta, R.K., Sharma, N.D., Gauthaman, G., Wankhede, A.K., Chavda, P.H., Nataraj, J., Bhattacharjee, B. Design and experimental investigation of high speed squirrel cage induction motor 111984
Anbarasu, R. *see* Sharma, N.D. 81430
Anbarasu, R. *see* Sharma, N.D. 111983
Anbin Yu, Haile, S.M. Ionic conductivity in $LaCo_{1-x}Mg_xO_{3-\delta}$: a potential cathode material for solid oxide fuel cells 112322
Anbo, T. *see* Makie-Fukuda, K. 62055
Anbo Wang *see* Arya, V. 79475
Anbo Wang *see* Bhatia, V. 79480
Anbo Wang *see* Wang, G.Z. 79474
Anbo Wang *see* Xiaojun Fang 79476
Anbo Wang *see* Xiaojun Fang 79477
Anbo Wang *see* Xiaojun Fang 79488
Anbuchezian, S., Kori, M.H. Key issues influencing spectral efficiency in wireless communications 99277
Anbukumar, S. *see* Ravi, G. 75030
Anc, M.J., Krull, W.A., Alles, M.A. Effects of the chlorine concentration in the anneal ambient on the contamination and surface microroughness in SIMOX 63223
Anceau, C. *see* Sanchez, J.L. 106109
Ancey, P. *see* Vancauwenberghe, O. 88992
Ancilotti, M. *see* Benchimol, J.L. 103861
Ancin, F.J., Burrows, B.L., Carrasco, R.A. Adaptive wavelet transform coding of speech signals 76852
Ancin, F.J. *see* Larreategui, M. 86129
Ancona, F., Rovetta, S., Zunino, R. A parallel approach to plastic neural gas 108159
Ancona, M.G. Modeling of thermal effects in silicon field emitters 73992
Ancona, M.G. Modeling of thermal effects in silicon field emitters 83697
Ancsin, J. Non-uniqueness of the ITS-90 (uncertainties in temperature measurements) 88897
Ancsin, J., Mendez-Lango, E. Comparison of realizations of the thermometric fixed points of the ITS-90 in the range −38°C to 420°C between Canada and Mexico 119528
Anda, E.V. *see* Chiappe, G. 62976
Anday, F. *see* Gunes, E.O. 73527
Anderl, R.A., Hartwell, J.K., Nadler, J.H., DeMora, J.M., Stubbers, R.A., Miley, G.H. Development of an IEC neutron source for NDE 104251
Anderle, M. *see* Dorigoni, L. 94306
Anderlind, E. Resource allocation for heterogeneous traffic in a wireless network 99182
Anderlini, L., Ianni, A. Path dependence and learning from neighbors 72454
Anderman, M. *see* Tsenter, B. 112272
Andermo, P.G., Eriksson, H. CODIT and third generation systems 68298
Anders, M. *see* Andresen, E. 81422
Anders, M. *see* Andresen, E. 91490
Andersen, B. *see* Hansen, J.S. 78096
Andersen, C., Taagehoj, J.F., Muhler, A., Rehling, M. Approximation of arterial input curve data in MRI estimation of cerebral blood-tumor-barrier leakage: comparison between Gd-DTPA and ^{99m}Tc-DTPA input curves 80280
Andersen, D.R. *see* Lundquist, P.B. 107577
Andersen, H. *see* Allbritton, G.L. 80079
Andersen, H. *see* Allbritton, G.L. 100826
Andersen, H.R., Pedersen, J.K. Low cost energy optimized control strategy for a variable speed three-phase induction motor 121941
Andersen, J.J. *see* Young, W.S. 72390
Andersen, J.K. *see* Min Jiang 75855
Andersen, K.D. An efficient Newton barrier method for minimizing a sum of Euclidean norms 103692
Andersen, K.H. Resolution function of the neutron time-of-flight spectrometer MARI 69868
Andersen, N.B. *see* Drysdale, A. 91326
Andersen, P.E., Buchhave, P., Petersen, P.M. Strong coupling between coherent gratings due to nonlinear spatial frequency mixing in $Bi_{12}SiO_{20}$ 85610
Andersen, P.E., Petersen, P.M. Fundamental properties of nonlinear combinations of gratings in $Bi_{12}SiO_{20}$ and their applications 116722
Andersen, S.I., Lilholt, H. Multiple cracking in composite laminates characterised by acoustic emission, microstructure and mechanical response 113603
Andersen, S.K. *see* Andreassen, S. 90501
Andersin, M., Mandayam, N.B., Yates, R.D. Subspace based estimation of the signal to interference ratio for TDMA cellular systems 109554
Andersin, M., Rosberg, Z., Zander, J. Gradual removals in cellular PCS with constrained power control and noise 88311
Anderson, A., Andrews, E., Chambers, G.W., Tuttlebee, W.H.W. Development of a compact DAB receiver design for the consumer market 119390
Anderson, A. *see* Hampel, G. 83343
Anderson, A. *see* O'Malley, C. 118527
Anderson, A.A. *see* Gill, D.S. 85404
Anderson, A.C. *see* Lyons, W.G. 93777
Anderson, A.J. PV translation equations a new approach 112384
Anderson, A.P., Tennant, A., Junkin, G. Probe filtered NF/FF phase retrieval millimetre wave measurements: a guide for practising antenna engineers 66015
Anderson, A.P. *see* Dawoud, M.M. 66119
Anderson, A.P. *see* Mitchell, R.J. 117058
Anderson, B. Locating the best outsource provider–finding the consultant 60511
Anderson, B.D.O. *see* Endres, T.J. 67498
Anderson, B.L., Pelz, L.J. Spatial mode modulation of laser beams for optical communication 99589
Anderson, B.L. *see* Hastings, M.C. 75998
Anderson, B.L. *see* Pelz, L.J. 85569
Anderson, B.L. *see* Taylor, K.M. 85008
Anderson, B.W. *see* Hill, I.R. 81664
Anderson, C., Dillon Dahleh, M. Rapid computation of the discrete Fourier transform 92576
Anderson, C.G. *see* Whale, J. 111862
Anderson, C.J. *see* Loh, W.H. 78943
Anderson, C.M. *see* Hwang, G.S. 114912
Anderson, C.S. Equalization of microwave digital radio channels with a hybrid acousto-optic and digital processor 118804
Anderson, C.S. *see* Zari, M.C. 120940
Anderson, C.W., Dunn, J. Implementation of a sucessful CIS [electric utility customer information] 120996
Anderson, C.W., Green, S.D., Kingsley, S.P. HF skywave radar: estimating aircraft heights using super-resolution in range 109746
Anderson, D. Power sector investment–how market forces are challenging the least-cost plans of power utilities 111509
Anderson, D. *see* Berntson, A. 109627
Anderson, D. *see* Malomed, B.A. 65535
Anderson, D. *see* Quiroga-Teixeiro, M.L. 64643
Anderson, D. *see* Tench, D.M. 94064
Anderson, D.E. *see* Smith, D.L. 89738
Anderson, D.J., Jones, J.D.C., Easson, W.J., Greated, C.A. Fiber-optic-bundle delivery system for high peak power laser particle image velocimetry illumination 96864
Anderson, D.J. *see* Iman, R.L. 73856
Anderson, D.K. *see* Sarma, D.H.R. 91922
Anderson, D.L. Role of rapid prototyping in preoperative planning and patient-specific implant generation 80483
Anderson, D.N. *see* Vladimer, J.A. 120766
Anderson, D.Z., Bolshtyansky, M.A., Zel'dovich, B.Ya. Stabilization of the speckle pattern of a multimode fiber undergoing bending 75487
Anderson, E. A 64-entry 167 MHz fully-associative TLB for a RISC microprocessor 73441
Anderson, E., Soden, J.M., Henderson, C.L. Future technology challenges for failure analysis 95136
Anderson, G.B. *see* Kingston, J.J. 96718
Anderson, G.O. Computer simulation of reactive power compensation: using a linear programming approach: a case study of the Nigerian 330 kV Electric Power System 111497
Anderson, G.W. *see* Sun, C.K. 68456
Anderson, G.W.J., Arnold, C.P., Watson, N.R., Arrillaga, J. A new hybrid AC-DC transient stability program 111493
Anderson, G.W.J., Watson, N.R., Arnold, N.P., Arrillaga, J. A new hybrid algorithm for analysis of HVDC and FACTS systems 80755
Anderson, H., Chandra, A., Pham, D., Niones, C., Foley, M. Wire bonding interconnects with package CAD data 83653
Anderson, H. *see* Barna, G.G. 63392
Anderson, H. *see* Chi-Taou Tsai 94124
Anderson, H.R. A second generation 3-D ray-tracing model using rough surface scattering 107909
Anderson, H.U., Tai, L.-W., Chen, C.C., Nasrallah, M.M., Huebner, W. Review of the structural and electrical properties of the $(La,Sr)(Co,Fe)O_3$ system 81787
Anderson, H.U. *see* Huebner, W. 81821
Anderson, H.U. *see* Peed, D.M. 71687
Anderson, J., Basten, M.A., Rauth, L., Booske, J.H., Joe, J., Scharer, J.E. Stable transport and side-focusing of sheet electron beams in periodically cusped magnetic field configurations 62630
Anderson, J. *see* Basten, M.A. 62629
Anderson, J. *see* Beech, R.S. 115876
Anderson, J. *see* Escalona, O. 101396
Anderson, J. *see* Escalona, O. 110831
Anderson, J. *see* McLaughlin, J. 82749
Anderson, J. *see* Tsang, L.F. 85298
Anderson, J. *see* Zimmermann, S. 79258
Anderson, J. *see* Zimmermann, S. 100857
Anderson, J.A. Simulation of heat transfer effects upon HBT noise spectra 105899
Anderson, J.A. Financing considerations in the Indian power market 111714
Anderson, J.A., King, A.S. Radiation & scattering from 3-dimensional bodies of arbitrary shape determined by a FMM-POM hybrid formulation 119291
Anderson, J.A. *see* Fernando, J.L. 80259
Anderson, J.A.D.W. *see* Byne, J.H.M. 97953
Anderson, J.B. *see* Chennakeshu, S. 99230
Anderson, J.B. *see* Said, A. 66252
Anderson, J.H. The effect of additives on the tribocharging of electrophotographic toners 107807
Anderson, J.M.M., Mair, B.A., Rao, M., Wu, C.-H. A weighted least-squares method for PET 101179
Anderson, J.M.M. *see* Mair, B.A. 101166
Anderson, J.R. *see* Jen, J.Y. 62843
Anderson, J.R. *see* Lu, C.R. 62705
Anderson, K., Collard, A. An investigation of the SAE J1752/3 test method for integrated circuit radiated emissions 97156
Anderson, K., Collard, A., McGill, T., Snr. A conductive probing method for determining integrated circuit contributions to radiated emissions 97160
Anderson, K. *see* Bieniosek, F.M. 100726
Anderson, K. *see* O'Day, S. 100789
Anderson, L., Parikh, S., Nagalingam, S., Haidinyak, C. A case study in a 100×reduction in sodium ions in a 0.8 μm BiCMOS process using triangular voltage sweep 63970
Anderson, L. *see* Kuhnel, S. 87522
Anderson, L. *see* Wei Xia 63874
Anderson, L.W. Report on the Madison Workshop on polarized ion sources and polarized gas targets 120093
Anderson, L.W. *see* Menningen, K.L. 61368

Anderson, L.W. *see* Voytas, P.A. 90104
Anderson, M., Bablouzian, S., Gaudet, M., Kenyon, L., Turci, P. A comparison of particle measurement tools for use with photoresist: Film surface versus liquid techniques 115062
Anderson, M. *see* Boggavarapu, D. 107410
Anderson, M. *see* Brocklehurst, F.K. 102565
Anderson, M. *see* Kershaw, S.M. 114109
Anderson, M. *see* Summerfield, S. 114134
Anderson, M.A. *see* Kuo-Chuan Liu 121907
Anderson, M.A. *see* Tompkins, M.W. 107830
Anderson, M.D. Using computer-mediated conferencing to facilitate group projects in an educational psychology course 87881
Anderson, M.E., Munroe, M., Leonhardt, U., Boggavarapu, D., McAlister, D.F., Raymer, M.G. Ultrafast balanced-homodyne chronocyclic spectrometer 100371
Anderson, M.E. *see* Leitch, M.J. 90240
Anderson, M.E. *see* Yu, Z. 94589
Anderson, M.H. *see* Dadap, J.I. 107584
Anderson, M.R. Multi-channel algorithm approach to determining melt for Arctic sea ice using passive microwave data 111298
Anderson, M.S., Lawson, S.S. Design of multistage 2D recursive N-th band decimators and interpolators 93597
Anderson, N.C., Spikings, C.R., Seddon, N. Pulsed characterization of vertical gallium arsenide (GaAs) optically activated switches 106973
Anderson, N.G. *see* Agahi, F. 75986
Anderson, N.G. *see* Choi, H.K. 96262
Anderson, N.G. *see* Redwing, J.M. 85454
Anderson, O.A. Improved solution of K-V envelope equations for transport in quadrupole channels 89752
Anderson, P. *see* MacPhie, A. 105457
Anderson, P. *see* Svanberg, S. 101579
Anderson, P.-O. Construction of signature sequences in Euclidean space 77699
Anderson, P.-O. *see* Gudmundson, M. 117942
Anderson, P.E. *see* Petersen, P.M. 116004
Anderson, P.M., LeReverend, B.K. Industry experience with special protection schemes 103179
Anderson, R. Industrial cryptography 66525
Anderson, R., Bezuidenhout, J., Pattinson, N., Taylor, D. The design of future prepayment systems 102301
Anderson, R., Biham, E. Tiger: a fast new hash function 66507
Anderson, R., Biham, E. Two practical and provably secure block ciphers: BEAR and LION 66509
Anderson, R. *see* Larson, D. 82346
Anderson, R.A. *see* Seager, C.H. 83973
Anderson, R.E., Soden, J.M., Henderson, C.L., Cole, E.I., Jr. Challenges for IC failure analysis–present and future 74794
Anderson, R.J. Patient confidentiality–at risk from NHS-wide networking 87697
Anderson, R.J., Bezuidenhoudt, S.J. On the reliability of electronic payment systems 66535
Anderson, R.L. The case for cryoelectronics 94875
Anderson, R.M. *see* Benedict, J.P. 94739
Anderson, S. GaAs rectification–an enabling technology for high frequency operation of power MOS-gated transistors 105990
Anderson, S., Jorna, R.A.M., Verweij, C.A. Satellite communication in road freight operations: the METAFORA experience 68157
Anderson, S., Redmond, S. Who's afraid of physical layout? [ASIC image sensors] 79531
Anderson, S. *see* Chowdhury, A. 103436
Anderson, S. *see* Forssen, U. 68233
Anderson, S. *see* Jorna, R.A.M. 99424
Anderson, S. *see* Singh, A. 69167
Anderson, S. *see* Zhao, B. 94839
Anderson, S.A. *see* Gallo, A.A. 112928
Anderson, S.B. Historical review of piloted simulation at NASA Ames 120590
Anderson, S.C. *see* Chin, V.W.L. 94543
Anderson, S.G.H. *see* Ho, P.S. 63472
Anderson, S.G.H. *see* Ho, P.S. 84234
Anderson, S.G.H. *see* Kawasaki, H. 115005
Anderson, S.J. *see* Abramovich, Y.I. 109787
Anderson, T., Crosby, D. The frequency dependence of clipping induced BER's in 64 QAM subcarrier multiplexed systems 78755
Anderson, T., Crosby, D. The frequency dependence of clipping induced bit-error rates in subcarrier multiplexed systems 88613
Anderson, T. *see* Ai, R. 94938
Anderson, T. *see* Ganesan, G.S. 112919
Anderson, T.E., Dahlin, M.D., Neefe, J.M., Patterson, D.A., Roselli, D.S., Wang, R.Y. Serverless network file systems 67744
Anderson, T.G. *see* Buyanov, A.V. 74258
Anderson, T.L. The challenge of verifying a synthesizable core 115292
Anderson, T.R. *see* DeSimio, M.P. 66587
Anderson, T.R. *see* Gopalan, K. 66578
Anderson, W. *see* Ali, M. 99803
Anderson, W.A. *see* Chang, L.H. 64075
Anderson, W.A. *see* Jia, Q.X. 75058
Anderson, W.A. *see* Pearson, R.E. 84400
Anderson, W.A. *see* Wallace, R.L. 112376
Anderson, W.A. *see* Wang, A.Z.H. 63758
Anderson, W.T., Roussos, J.A., Christianson, K.A. Reliability testing of GaAs MMICs 73801
Anderson, W.T. *see* Christianson, K. 73810
Andersson, A.G. *see* Werthen, J.G. 121263
Andersson, B. *see* Wennerberg, A. 120360
Andersson, F. *see* Wang, J.P. 101869
Andersson, F. *see* Wang, J.P. 101880
Andersson, G. Performance comparison of spread spectrum methods in an HF interference environment 101639
Andersson, G. *see* Arnborg, S. 101955
Andersson, G. *see* Jones, L.E. 81008
Andersson, G. *see* Noroozian, M. 101910
Andersson, G. *see* Olofsson, M. 101723
Andersson, G. *see* Smith, J.R. 70719
Andersson, H., Loeliger, H.-A. Codes from iterated maps 66406
Andersson, J.Y., Lundqvist, L., Borglind, J. Dark current characteristics and background-limited (BLIP) performance of AlGaAs-GaAs quantum well detectors 69165
Andersson, K.-G. A modular DSP approach 93408
Andersson, M., Karlsson, B. Cost-effective incentives for cooperation between participants in the electricity market 111495
Andersson, M. *see* Persson, L. 105730
Andersson, M. *see* Persson, L. 114987
Andersson, M. *see* Svanberg, S. 101579
Andersson, M.O. *see* Bergh, M. 63369
Andersson, M.O. *see* Lundgren, P. 84002
Andersson, M.R. *see* Berggren, M. 75756
Andersson, P. *see* Alowersson, J. 113948
Andersson, P. *see* Windmar, D. 95264
Andersson, R. *see* Ives, D.J. 64682
Andersson, R. *see* Scomazzon, P. 88814
Andersson, S. Profitable waste recovery 102482
Andersson, S.G. *see* Nordell, N. 103977
Andersson, S.G. *see* Nordell, N. 113384
Andersson, T.G. *see* Dubrovskii, Yu.V. 62827
Andersson, T.G. *see* Dubrovskii, Yu.V. 105365
Andersson, T.G. *see* Dubrovskii, Y.V. 83954
Anderton, R.N. *see* Blanchard, P.M. 97362
Andharmule *see* Kahalekar, S.G. 120324
Andina, D., Sanz-Gonzalez, J.L. On the problem of binary detection with neural networks 88692
Andina, D., Sanz-Gonzalez, J.L. Quasi-optimum detection results using a neural network 108359
Andjelkovic, D., Rajakovic, N. A new accelerated aging procedure for cable life tests 91168
Andle, J.C., Vetelino, J.F. Acoustic wave biosensors 110230
Andle, J.C. *see* Caron, J.J. 110256
Andle, J.C. *see* Josse, F. 84743
Ando, A. *see* Chung, Y. 100613
Ando, A. *see* Miyanaga, N. 85564
Ando, D., Oishi, K., Nakamura, T., Umeda, S. Glass package SAW resonator using glass direct bonding technology 115465
Ando, F., Nakajima, A., Younosuke, F. A multimedia self-service terminal with conferencing functions 109260
Ando, H. 3D object recognition using bidirectional modular networks 87013
Ando, H., Yamaura, S., Fujii, T. Recent progress in the multi-wafer CBE system 103859
Ando, H. *see* Ando, S. 65183
Ando, H. *see* Chavez-Pirson, A. 83926
Ando, H. *see* Suzuki, S. 97895
Ando, H. *see* Yamano, N. 121792
Ando, K. *see* Kubota, T. 93388
Ando, K. *see* Matsukura, Y. 111656
Ando, K. *see* Sasaki, H. 63772
Ando, K. *see* Terashima, Y. 91231
Ando, M., Ishizuka, K., Morimoto, H., Ito, S. MT2608A PHS Handyphone tester 68103
Ando, M., Suto, S., Suzuki, T., Tsuchida, T., Nakayama, C., Miura, N., Yamazoe, N. Hydrogen sulfide sensing characteristics of tin oxide sol-derived thin films 79598
Ando, M. *see* Chen, S. 66005
Ando, M. *see* Hayakawa, Y. 113269
Ando, M. *see* Hirokawa, J. 76644
Ando, M. *see* Min, K.-S. 76654
Ando, M. *see* Noguchi, K. 68231
Ando, M. *see* Noguchi, K. 117024
Ando, M. *see* Oodo, M. 117052
Ando, M. *see* Ozawa, T. 92665
Ando, M. *see* Sakakibara, K. 66170
Ando, M. *see* Sakakibara, K. 108078
Ando, M. *see* Shuguang Chen 116872
Ando, M. *see* Someya, Y. 81755
Ando, M. *see* Takada, J. 68259
Ando, M. *see* Uchida, H. 108071
Ando, S., Higaki, J., Matsuo, H., Okuda, Y. A vibration control method in tape transport system for VCRs 109927
Ando, S., Kobayashi, N., Ando, H. Triangular-facet laser with optical waveguides grown by selective area metalorganic chemical vapor deposition 65183
Ando, S. *see* Jitsumori, A. 113572
Ando, S. *see* Maruno, T. 85047
Ando, S. *see* Shinoda, H. 79395
Ando, T., Sugimoto, M., Koizumi, N., Nunoya, Y., Matsui, K., Nishi, M., Tsuji, H., Shimamoto, S. Design consideration of the ITER-TF coil with a react-and-wind technique using Nb_3Al conductor 95522
Ando, T. *see* Furukawa, Y. 96683
Ando, T. *see* Iwasa, Y. 95601
Ando, T. *see* Kato, T. 91189
Ando, T. *see* Koizumi, N. 95512
Ando, T. *see* Matsui, K. 102175
Ando, T. *see* Nakano, N. 78037
Ando, T. *see* Nakano, N. 87744
Ando, T. *see* Ogata, H. 95521
Ando, T. *see* Shimamoto, S. 95590
Ando, T. *see* Sugimoto, M. 95523
Ando, T. *see* Tahata, S. 95854
Ando, Y., Ino, J., Ozaki, K., Ishikawa, Y., Kitahara, T. Friction and pull-off force on silicon surface modified by FIB 74119
Ando, Y., Kawaguchi, O., Kitamura, M., Ogasawara, K., Kubo, A., Arai, Y. Data conversion between IS&C format and DICOM format images in a personal computer environment 110810
Ando, Y., Sawada, H., Okazaki, Y., Ishikawa, Y., Kitahara, T. Development of micro grippers 95227
Ando, Y., Wakejima, A., Miura, I., Contrata, W., Miyamoto, H., Samoto, N. InAs/GaAs graded superlattice channel transistors (GSTs) 63783
Ando, Y., Yamamoto, A., Tanaka, T. New proposal and analysis of cascading thermal system - heat regenerating and recycling system 81917
Ando, Y. *see* Fujihara, A. 63795
Ando, Y. *see* Iwano, S. 95682
Ando, Y. *see* Koizumi, H. 64345
Ando, Y. *see* Kurita, N. 64177
Ando, Y. *see* Yamada, T. 105086
Andoh, F. *see* Yamawaki, M. 69248
Andoh, H. *see* Fujimaki, A. 115921
Andoh, H. *see* Sawahashi, M. 118935
Andoh, H. *see* Tasaki, T. 73296
Andoh, I. *see* Takahashi, I. 111846
Andoh, I. *see* Takahashi, I. 112120
Andoh, N. *see* Chaki, S. 93862
Andoh, N. *see* Iyama, Y. 83275
Andoh, N. *see* Miyashita, M. 78702
Andoh, N. *see* Nakahara, K. 73794
Andoh, S., Yamada, S. Packaging technology of heat spreader package 72278
Andonovic, I. *see* Cornwell, W.D. 99478
Andonovic, I. *see* Gilfedder, T.H. 67944
Andonovic, I. *see* Legg, P.J. 109648
Andonovic, I. *see* Legg, P.J. 119183
Andonovic, I. *see* Tancevski, L. 78940
Andonovic, I. *see* Tancevski, L. 88450
Andonovic, I. *see* Wallace, C.G. 68453
Andor, G. Resolution limits in radiation temperature measurements using unfiltered photodiodes as detectors 89102
Andor, G. New data-reduction method in detector-based spectral-irradiance measurements 89529
Andou, D. *see* Arai, F. 74952
Andou, T. *see* Yamamoto, S. 64426
Andrade, E.X.L.de *see* de Andrade, E.X.L.
Andrade, M.A. *see* Haes, J. 76540
Andrade, R.A., Gilbert, B.S., III, Dawson, D.W.W., Hart, C., Kozaitis, S.P., Blatt, J.H. Real-time optically processed face recognition system based on arbitrary moire contours 117755
Andrade-Lucio, J.A. *see* Kuzin, E.A. 78794
Andradottir, S. A global search method for discrete stochastic optimization 92549
Andrae, W. *see* Mattheis, R. 64388
Andre, B., Trochu, F., Dansereau, J. Approach for the smoothing of three-dimensional reconstructions of the human spine using dual Kriging interpolation 90413
Andre, B. *see* Marc, N. 75683
Andre, B. *see* Marc, N. 95953
Andre, B. *see* Marc, N. 95954
Andre, C. *see* Peraldi, M.A. 98731
Andre, C. *see* Sowlati, T. 114301
Andre, D. *see* Vigneron, J.-P. 97047
Andre, E. *see* Morche, D. 104632
Andre, J. *see* Rottner, K. 106981
Andre, J. *see* Streubel, K. 96264
Andre, J. *see* Streubel, K. 96379
Andre, J.C. *see* Petillon, N. 65589
Andre, J.P. *see* Bonello, B. 83825
Andre, Ph., Dienot, J.M., Llopis, O., Plana, R., Gayral, M., Graffeuil, J. Microwave oscillator design from load cycle optimisation, application to MMIC GaAs MESFET oscillator 62310
Andre, R. *see* Villain, J.P. 80627
Andre, S., Weill, A. The latitude of the BAR process compared to the monolayer and TAR processes for 0.35 μm design rules at gate level 105818
Andreaco, M.S. *see* Paulus, M.J. 90344
Andreaco, M.S. *see* Paulus, M.J. 100947
Andreaco, M.S. *see* Rogers, J.G. 101314
Andreadakis, N.C. *see* Amersfoort, M.R. 75660
Andreadakis, N.C. *see* Amersfoort, M.R. 88482
Andreadakis, N.C. *see* Lee, T.-P. 78880
Andreadakis, N.C. *see* Soole, J.B.D. 106928
Andreadakis, N.C. *see* Zah, C.E. 68417
Andreadakis, N.C. *see* Zah, C.E. 76034
Andreadis, A., Benelli, G., Garzelli, A. Detail-preserving segmentation of polarimetric SAR imagery 111087
Andreadis, I., Gasteratos, A., Tsalides, P. An ASIC for fast grey-scale dilation 77497
Andreadis, I., Gasteratos, A., Tsalides, Ph. A new ASIC for the measurement of appearance 104623
Andreadis, I., Karafyllidis, I., Tzionas, P., Thanailakis, A., Tsalides, Ph. A new hardware module for automated visual inspection based on a cellular automaton architecture 82302
Andreadis, T.D. *see* Wieting, T.J. 79676
Andreae, P. *see* Hall, P. 70027

Andreani, R. *see* Hofmann, I. 69647
Andreasen, L. *see* Yarbrough, T. 118682
Andreassen, R.O. Correlation properties of MPEG VBR video sources: Relative importance of short and medium term correlation on ATM multiplexer performance 108919
Andreassen, S., Rosenfalck, A., Falck, B., Olesen, K.G., Andersen, S.K. Evaluation of the diagnostic performance of the expert EMG assistant MUNIN 90501
Andreenko, A.S., Solodov, I.Yu. Acoustomagnetic effect in a binary structure $LiNbO_3$ – magnetostrictive amorphous films 106577
Andreev, A., Kompanets, I., Pozhidaev, E. Electrooptical properties of new ferroelectric liquid crystals 75610
Andreev, A., Zafirova, B., Panajotov, K., Koprinarova, J. Experimental investigation of the influence of the refractive index of the intermediate planar layer on the properties of a polished type single-mode fibre coupler 75450
Andreev, A.A., Sutyagin, A.N. Computer simulation of new schemes for generation of superintensive laser pulses 107496
Andreev, A.D. *see* Zegrya, G.G. 96261
Andreev, A.M. *see* Belyakov-Bodin, V.I. 79985
Andreev, A.M. *see* Belyakov-Bodin, V.I. 120120
Andreev, A.N., Smirnova, N.Yu., Scheglov, M.P., Tregubova, A.S., Rastegaev, V.P., Chelnokov, V.E. Vacuum sublimation growth: 6H-SiC "site-competition" epitaxy and study of 3C-SiC epitaxial layers grown on 6H-SiC substrates 103981
Andreev, A.N. *see* Ortolland, S. 114694
Andreev, A.N. *see* Rastegaeva, M.G. 105742
Andreev, A.S., Andreev, S.S. Methods of network analysis with time-dependent parameters 67766
Andreev, M.I. Effect of a mechanical shutter on the reception of a lidar signal 109801
Andreev, N., Kulagin, O., Palashov, O., Pasmanik, G., Rodchenkov, V. SBS of repetitively pulsed radiation and possibility of increasing of the pump average power 85697
Andreev, N.E., Gorbunov, L.M., Kuznetsov, S.V. Energy spectra of electrons in plasma accelerators 79849
Andreev, N.E., Kirsanov, V.I., Gorbunov, L.M., Sakharov, A.S. Linear theory of resonance self-modulation of an intense laser pulse in homogeneous plasma and plasma channels 79769
Andreev, N.E. *see* Leemans, W.P. 79840
Andreev, N.F., Palashov, O.V., Khazanov, E.A. Novel method for the generation of single-frequency radiation in a master oscillator 65171
Andreev, S. *see* Gueorguiev, V. 115226
Andreev, S.S. *see* Andreev, A.S. 67766
Andreev, V.M., Kazantsev, A.B., Khvostikov, V.P., Paleeva, E.V., Rumyantsev, V.D., Sorokina, S.V. Quantum-well AlGaAs heterostructures grown by low-temperature liquid-phase epitaxy 105385
Andreev, V.S., Makarov, N.V. Optical control of MW semiconductor devices 73758
Andreeva, A.V. *see* Avrutin, V.S. 83798
Andreeva, E.I. *see* Shcherbakov, A.S. 84964
Andreeva, E.I. *see* Shcherbakov, A.S. 88492
Andreeva, E.I. *see* Sherbakov, A.S. 95678
Andreeva, M. Analysis of the effect of the digital channel parameters during transmission of important data in railway transport 109153
Andreeva, Ye.A., Khutorskaya, O.Ye. Application EMGs spectral analysis method for the objective diagnosis of different clinical forms of Parkinson's disease 90498
Andrei, A. *see* Verardi, P. 92922
Andrei, R.G. Smart silicon sensors/actuators 69039
Andreish, A.M. *see* Malkov, S.A. 100129
Andrejco, M.J. *see* Muys, W. 78816
Andrejco, M.J. *see* Strasser, T.A. 88633
Andrekson, P.A. All optical techniques for ultra-high speed systems 68394
Andrekson, P.A. *see* Hedekvist, P.O. 65512
Andrekson, P.A. *see* Quiroga-Teixeiro, M.L. 64643
Andrenucci, M. *see* Beverini, N. 119926
Andreoni, A. *see* Danielius, R. 96648
Andreoni, A. *see* Danielius, R. 107564
Andreoni, A. *see* Mombello, E. 111708
Andreotti, F.G. *see* Rousseau, E. 99141
Andreou, A.G., Boahen, K.A. Translinear circuits in subthreshold MOS 63956
Andres, D., Montress, G.K., Greer, J.A., Parker, T.E. Optimizing AQP SAW resonators for reduced vibration sensitivity 106415
Andres, F., Ihara, K., Boulos, J., Ono, K., Yasuda, Y. Performance evaluation of the OLVP (online video processing) system 109247
Andres, F., Ihara, K., Boulos, J., Ono, K., Yasuda, Y. The OLVP (online video processing) system architecture based on distributed VOD servers 109891
Andres, M.V. *see* Cruz, J.L. 64706
Andres, M.V. *see* Cruz, J.L. 119692
Andres, M.V. *see* Diez, A. 75434
Andres, M.V. *see* Diez, A. 85022
Andres, M.V. *see* Diez, A. 116076
Andres, M.V. *see* Hernandez, M.A. 76114
Andres, P. *see* Ley-Koo, E. 116016
Andres, P. *see* Silvestre, E. 116033
Andres, P. *see* Tajahuerce, E. 108646
Andresakis, J. Improved PCB performance using low profile copper foil with small grain size 62475
Andresen, D., Tao Yang, Egecioglu, O., Ibarra, O.H., Smith, T.R. Scalability issues for high performance digital libraries on the World Wide Web 78022
Andresen, E., Anders, M. On the inductance and force calculation of a three axes torque motor 81422
Andresen, E., Anders, M. A three axes torque motor of very high steady state and dynamic accuracy 91490
Andresen, E., Racionowski, B., Szymanski, G. Numerical simulation of high speed induction machine with solid rotor 81469
Andresen, H.G. *see* Drescher, P. 105007
Andresen, H.G. *see* Hartmann, P. 120119
Andresen, J. *see* Zimmermann, S. 79258
Andresen, J. *see* Zimmermann, S. 100857
Andresen, P. *see* Nielsen, T. 69539
Andresen, S. *see* Li, Y. 77750
Andresen, T. *see* Samson, J.R., Jr. 109789
Andreu, J. *see* Roca i Cabarrocas, P. 82754
Andreu, R.C. *see* Schoisswohl, M. 94440
Andreuccetti, F. *see* Capineri, L. 69983
Andrew, C., Pfurtscheller, G. Dependence of coherence measurements on EEG derivation type 90532
Andrew, E.R., Inglis, B.A., Kempka, M., Mareci, T., Szczesniak, E. Magnetic field gradient system for nuclear magnetic resonance microimaging 120283
Andrew, J.E., Stevenson, R.M., Bett, T.H. Characterisation and application of a broad bandwidth oscillator for the HELEN laser facility 85423
Andrew, R. *see* Ogura, G. 107638
Andrews, B.J. *see* Rongching Dai 80421
Andrews, C.J. Norms of communicative analysis 92088
Andrews, D., Bishop, M.T., Witte, J.F. Harmonic measurements, analysis, and power factor correction in a modern steel manufacturing facility 71940
Andrews, D.H., Edwards, B.J., Mattoon, J.S., Thurman, R.A. Potential modeling and simulation contributions to specialized undergraduate pilot training 120585
Andrews, D.W. *see* Das, I.J. 90578
Andrews, E. *see* Anderson, A. 119390
Andrews, G.E. Pfaff's method (II): diverse applications 72395
Andrews, G.E. On a conjecture of Peter Borwein 72577
Andrews, G.Van *see* Van Andrews, G.
Andrews, H. *see* Coudray, P. 95790
Andrews, H.R., Geiger, J.S., Koslowsky, V.T., Schmeing, H., Mitchel, G.R. Opportunities for SEE testing and research at the Chalk River TASCC heavy ion facility 70319
Andrews, J.H. *see* Khaydarov, J.D.V. 96694
Andrews, J.M. *see* Gardner, J. 74523
Andrews, J.P. *see* Shipley, A.F. 65564
Andrews, M.P., Kanigan, T., Najafi, S.I. Auto-embossed Bragg gratings from self-organizing polymers: chemical tuning of periodicity and photoinduced anisotropy 96776
Andrews, M.P. *see* Chisham, J.E. 95786
Andrews, M.P. *see* Coudray, P. 85041
Andrews, M.P. *see* Najafi, S.I. 95785
Andrews, T.A., Boyle, G.A., Sharpe, D.J., Taylor, D.A. Initial research on the Mono-V-Turbine 102577
Andrews, W., Siann, J. ATM and multimedia technology converge 78156
Andrews, W.B. *see* Ngai, T. 113854
Andrews , E. MPOA ties it all together 67667
Andrey, P., Tarroux, P. Unsupervised texture segmentation using selectionist relaxation 67258
Andreyev, A.L. The parallel computational structures for multichannel digital signal processing using large arrays 97761
Andria, G., Savino, M. Interpolated smoothed pseudo Wigner-Ville distribution for accurate spectrum analysis 88961
Andriamonje, S. *see* Schmidt, K.H. 69627
Andrian, J. *see* Islam, M.S. 111938
Andrian, J. *see* Ortiz-Conde, A. 63578
Andrianov, A. *see* Feldman, Y. 119546
Andrianov, A.V. *see* Drozdova, S.V. 92742
Andrianov, A.V. *see* Polisski, G. 74583
Andrianov, A.V. *see* Polisski, G. 94303
Andrianov, N.S. A computational experiment using a stochastic model of a meteor train 99707
Andrianov, V.A. *see* Spinel, V.S. 90158
Andricacos, P.C. *see* Datta, M. 60636
Andricek, L. *see* Abt, I. 80025
Andricek, L. *see* Abt, I. 100825
Andricek, L. *see* Goessling, C. 110549
Andricek, L. *see* Richter, R.H. 110564
Andrienko, V.B., Parkhomenko, Yu.N., Galkin, O.N. Intracavity spectroscopy with $Ti^{3+}:Al_2O_3$ lasers pumped by short pulses 75888
Andrieu, C., Doucet, A., Duvant, P. Bayesian estimation of the variance of a jitter using MCMC 117471
Andrieu, J. *see* Beillard, B. 65770
Andrieu, J. *see* Beillard, B. 68599
Andrieu, O., Arroyo, J., Gerard, P., Dieny, B. Magnetoresistance of NiFe/Ag multilayers: modeling of the effects 115650
Andrieu, X., Poignant, P., Ledran, J. Ageing measurement of nickel-cadmium batteries 112203
Andrieux, M., Ducarroir, M., Beauprez, E. Interface and adhesion of PEVCD SiC based films on metals 72935
Andrieux, M.-L. *see* Adam, W. 69709
Andrieux, M.L., Cavalli, P., Fontenille, A., Sajot, G., Stassi, P. Ultrasonic gas mixture analysis system in the Forward RICH of DELPHI 69739
Andriischin, A., Afanasiev, O., Gridasov, V., Erochin, A., Kachtanov, E., Myznikov, K., Sytchev, V., Vassiliev, L., Veselov, O., Yarygin, N. Study of UNK quench protection system on the string of 4 UNK superconducting magnets 100413
Andriole, K. *see* Huang, H.K. 111013
Andriole, K. *see* Lee, J.K. 111005
Andriole, K.P., Brasch, R.C., Gooding, C.A., Gould, R.G., Cohen, P.A., Rencken, I.R., Huang, H.K.B. Clinical comparison of CR and screen-film for imaging the critically-ill neonate 110721
Andriole, K.P., Storto, M.L., Gamsu, G., Huang, H.K.B. Impact and utilization studies of a PACS display station in an ICU setting 111012
Andriole, K.P. *see* Jianguo Zhang 110722
Andrioli, A., Wilmer, A., Coremans, G., Vandewalle, J., Janssens, J. Computer-supported analysis of continuous ambulatory manometric recordings in the human small bowel 120281
Andriollo, M., Martinelli, G., Morini, A., Scuttari, A. Optimization of the winding configuration in EDS-MAGLEV trains 103099
Andriyanchik, A.A., Kaminsky, A.N. Dynamical diffraction of millimeter waves on space-periodic media 65853
Andriyanov, Yu.V. Electromechanical modeling of an electromagnetic radiator of shock-wave pulses 76360
Andriyanova, M.E. *see* Kheiker, D.M. 69882
Andriyanova, M.E. *see* Sul'yanov, S.N. 69883
Andronico, M., Casale, S., La Corte, A. Reference parameter estimation in the presence of a frequency shift in burst mode PSK transmission 108108
Andronico, M., Casale, S., La Corte, A., Lo Bello, L. A universal tone generator for national networks implemented on DSP 87988
Andronov, V. *see* Glasman, C. 117691
Andros, T. *see* Sarbu, A. 68360
Androulidaki, M. *see* Zekentes, K. 113319
Androussi, Y. *see* Benabbas, T. 105329
Androutsos, D. *see* Plataniotis, K.N. 86540
Androutsos, D. *see* Vinayagamoorthy, S. 62038
Andrus, P. *see* Ridgway, R. 95782
Andruzzi, F. *see* Nikolova, L. 96772
Andry, P.S., Varhue, W.J., Ladipo, F., Ahmed, K., Adams, E., Lavole, M., Klein, P.B., Hengehold, R., Hunter, J. Growth of Er-doped silicon using metalorganics by plasma-enhanced chemical vapor deposition 82642
Andry, P.S. *see* Varhue, W.J. 82619
Andryukhina, A.I. Parallel logic simulation of MOS-structures on switching level 113918
Andrzejewski, J. *see* Van Duppen, P. 69686
Anedda, A., Casu, M.B., Serpi, A. Photovoltaic spectroscopy of exciton structures in $Zn_{1-x}Cd_xSe/ZnSe$ multiple quantum wells 62944
Anee, T.K., Xavier, F.P., Balakrishnan, K. Band gap study on zinc-doped cadmium sulphide 83857
Aneja, Y.P. *see* Punnen, A.P. 60891
Anerella, M. *see* Greene, A. 90033
Anerella, M. *see* Gupta, R. 90038
Anerella, M. *see* Thompson, P. 100412
Anerella, M. *see* Wanderer, P. 89783
Anerella, M.D., Fisher, D.H., Sheedy, E., McGuire, T. Industrial production of RHIC magnets 90036
Aneroussis, N.G., Lazar, A.A. Virtual path control for ATM networks with call level quality of service guarantees 87311
Anesko, A. *see* Horng-Dar Lin 77533
Aneva, Z.I. *see* Peshev, Z.Y. 107420
Anevsky, S.I., Vernyi, A.E., Korneev, V.V., Minaeva, O.A., Morozov, O.Yu., Khromchenko, V.B. VNIIOFI secondary-standard sources and detectors of vacuum-ultraviolet and ultraviolet radiation 88895
Anferov, V.A. Helical snakes with no orbit correction and their discrete analogues 100768
Anferov, V.A. *see* Crandell, D.A. 100780
Anfinogentov, V.G. Nonlinear dynamics of an electron beam with a virtual cathode in a finite drift space 79863
Ang, D.D., Dinh, A.P.N., Thanh, D.N. An inverse Stefan problem: identification of boundary value 61073
Ang, D.S. *see* Ling, C.H. 63138
Ang, G.L., Goh, L.C., Heng, K.W., Lahiri, S.K. Oxidation of copper leadframe 72301
Ang, J.Y.T., Hastings, N.A.J. Reliability engineering through the concept of model accuracy 92329
Ang, M., Othman, A.T., Tee, E.R. World wide web audio: ensuring adequate hardware and software configurations 118467
Ang, S.S. *see* Low, Y.L. 94144
Ang, S.S. *see* Martin, T.W. 71508
Ang, S.S. *see* Tong, Z.H. 94929
Ang, Y.H. *see* Bi, M. 87060
Ang Chew-Hoe *see* Chew-Hoe Ang
Ang Ee Luang *see* Ee Luang Ang
Ang Haisong Fundamental relations of inverse perspective transformation and its applications 87147
Ang Peng Hwa *see* Peng Hwa Ang

Ang Yew-Hock *see* Yew-Hock Ang
Angebault, L.-P. *see* Davancens, R. 70546
Angel, C. *see* Wright, J.M. 71578
Angel, J.R.P. *see* Hege, E.K. 77195
Angelakeris, M. *see* Tassis, D.H. 94432
Angelakeris, M. *see* Tassis, D.H. 113336
Angelescu, S. *see* Mouthaan, T. 84229
Angelescu, T., Vasilescu, A. Comparative radiation hardness results obtained from various neutron sources and the Niel problem 90138
Angeli, B.P. *see* Marshall, M.W. 70975
Angeli, M., Cardelli, E. Finite-difference time-domain analysis of the ESD current diffusion in metallic enclosures and of the related radiated electromagnetic fields 65898
Angeli, M., Cardelli, E. An approach to the analysis of the electromagnetic interferences radiated by metallic grids struck by lightning 97198
Angeli, M., Cardelli, E. Magnetic field analysis of transformers for outdoor installation in railway wagons 103133
Angeli, M., Cardelli, E. Numerical modeling of electromagnetic fields generated by electrostatic discharges 107744
Angeli, M., Cardelli, E. Numerical analysis of diffracting perforated shields 107949
Angelidis, E. Frequency sampling design of 2-D quadrantally symmetric FIR filters by 2-D block decomposition technique 62044
Angelidis, G., Semlyen, A. Improved methodologies for the calculation of critical eigenvalues in small signal stability analysis 101729
Angelillo, E. *see* Barbarino, G.C. 80097
Angelini, F., Bellazzini, R., Bozzo, M., Braem, A., Brez, A., Lebedenko, V., Massai, M.M., Raffo, R., Spandre, G., Spezziga, M.A. A UV light photodetector based on a MicroGap Chamber with single electron response 69127
Angelini, F., Bellazzini, R., Brez, A., Massai, M.M., Raffo, R., Spandre, G., Spezziga, M., Bozzo, M., Caner, A. A large area MicroGap Chamber with two-dimensional read-out 80046
Angelini, L. *see* Rovetta, A. 90549
Angelis, A.de *see* de Angelis, A.
Angelis, C.De *see* De Angelis, C.
Angelis, G.de *see* de Angelis, G.
Angell, C.A. *see* Kang Xu 121857
Angelopoulos, G., Pitas, I. Fast parallel DSP algorithms on barrel shifter computers 97797
Angelopoulou, E., Williams, J.P., Wolff, L.B. Curvature-based signatures for object description and recognition 117681
Angelov, I., Bengtsson, L., Garcia, M. Extensions of the Chalmers nonlinear HEMT and MESFET model 115236
Angelov, I., Zirath, H., Rorsman, N., Karlsson, C. 48/24 GHz and 20/10 GHz regenerative frequency dividers 83539
Angelov, I. *see* Bengtsson, L. 114274
Angelov, I. *see* Zirath, H. 62362
Angelov, I. *see* Zirath, H. 93915
Angelova, V. *see* Konstantinov, M. 108259
Angelow, G., Laeri, F., Tschudi, T. Designing resonators with large mode volume and high mode discrimination 107425
Angelucci, A., Audagnotto, P., Corda, P., Piarulli, F., Piovano, B. Beamforming in mobile system antennas 66038
Angelucci, A., Audagnotto, P., Corda, P., Piarulli, F., Piovano, B. High performance microstrip components for mobile-radio antenna systems 76667
Angeluts, A.A., Krindach, D.P., Ozheredov, I.A. Dye laser with intracavity Kerr nonlinearity 96120
Anger, C.D. *see* Babey, S.K. 79256
Angerer, H. *see* Kelly, M.K. 105687
Angerman, H. *see* Malliaras, G.G. 95631
Angers, J.-F. *see* Tan, M. 103600
Angert, N. *see* Tinschert, K. 100755
Anghel, F. *see* Micu, D. 71325
Anghel, F. *see* Moraru, A. 102818
Anghel, S., Iova, I., Levai, S., Iorga-Siman, I. Holographic method for the study of the elastic and inelastic deformations of some solid bodies 76309
Anghinolfi, F. *see* Jarron, P. 104359
Angiolillo, J.S. *see* Blanchard, H.E. 87963
Angiulli, G., Di Massa, G. Mutual coupling evaluation by characteristic modes in multiple scattering of electromagnetic field 116878
Angkaew, T. *see* Matsuhara, M. 92628
Anglesio, L. *see* Tofani, S. 97191
Angling, M.J. *see* Lundborg, B. 99057
Angluin, D., Westbrook, J., Wenhong Zhu Robot navigation with range queries 98183
Angquist, L. *see* Noroozian, M. 101910
Angquist, L. *see* Othman, H. 101963
Angrilli, F., Bastianello, S., Da Forno, R. Calibration of stereo vision systems by neural networks 110215
Angrilli, F., Bianchini, G., Fanti, G. Laser vision system to measure and track the attitude of a tether-stabilized satellite system in a laboratory simulator 70320
Angrilli, F. *see* Lorenzini, E.C. 111026
Angrisani, L., Baccigalupi, A., Pietrosanto, A. A DSP based VXI instrument for impedance measurement 110316
Angrisani, L., Daponte, P., D'Apuzzo, M. Detection of echoes from the multilayer structures by using the wavelet transform 108390
Angue, J.-C. *see* Elsner, F. 66995
Angue, J.C. *see* Soltane, S. 66997
Anguh, M.M., Martin, R.R. A two-dimensional inplace truncation Walsh transform method 86346
Anguiano, E., Oliva, A.I., Aguilar, M., Pena, J.L. Analysis of scanning tunneling microscopy feedback system: experimental determination of parameters 95324
Anguill, Y. *see* Bolvin, J.-Y. 122095
Anguita, D., Barbieri, I., Passaggio, F., Ridella, S. Block distortion assessment for image compression through ANNs 66903
Anguita, J. *see* Sendra, J.R. 74150
Angus, J.A.S. *see* Clegg, J. 85899
Angus, J.C. *see* Long Wang 74103
Anh, V.V., Gras, F., Tsui, H.T. Multifractal description of natural scenes 86670
Anh Le Huy Linh *see* Huy Linh Anh Le
Anheier, N.C. *see* Sliva, P. 79460
Anheier, W., Bochnick, H. Verification of dc-performance for d/a converters using behavioral modeling 83183
Anheier, W. *see* Drolshagen, A. 61720
Anholt, R., Bozada, C., Dettmer, R., Via, D., Jenkins, T., Barrette, J., Ebel, J., Havasy, C., Sewell, J., Quach, T. Measuring, modeling, and minimizing capacitances in heterojunction bipolar transistors 74698
Anholt, R. *see* Dettmer, R. 93804
Anholt, R. *see* Jenkins, T. 74704
Anidjar, J. *see* Nagaraj, K. 114030
Anido, G.J. *see* Barnett, S.A. 99782
Anido, M.L. *see* Alcantara, J.M.S. 104289
Anido, M.L. *see* Nunes, R.B. 84515
Aniel, F., Boucaud, P., Sylvestre, A., Crozat, P., Julien, F.H., Adde, F.H., Jin, Y. Electroluminescence and gate current generated by impact ionization in 0.1 μm gatelength HEMTs on GaAs 63761
Aniel, F., Sylvestre, A., Jin, Y., Crozat, P., De Lustrac, A., Adde, R. Enhancements and degradations in ultrashort gate GaAs and InP HEMTs properties at cryogenic temperatures: an overview 95046
Aniel, F. *see* Lepaul, S. 84476
Aniel, F. *see* Sylvestre, A. 84469
Aniel, F. *see* Sylvestre, A. 84477
Anigbo, F.C.J., Robinson, S.D., Broutin, S.L., Shevchuk, G.J., Stefanik, D. Design of a compact, high speed optical transceiver using two step overmolding 99507
Anikin, M.M., Madar, R., Rouault, A., Garcon, I., Di Cioccio, L., Robert, J.L., Camassel, J., Bluet, J.M. Growth of silicon carbide ingots by the modified Lely method with in situ sublimation etching 103817
Anikin, M.M. *see* Syrkin, A.L. 103995
Anikin, V.M. *see* Golubentsev, A.F. 73934
Anil Kumar, A., Jiang Li, Ming Fang Zhang High temperature superconductors applications in telecommunications 115975
Aninkevicius, V., Bareikis, V., Katilius, R., Liberis, S., Matulioniene, I., Matulionis, A., Kopev, P.S., Ustinov, V.M. Transverse tunnelling time constant estimated from hot-electron noise in GaAs-based heterostructure 63084
Aniruddha Sen *see* Furtado, X.A. 97642
Anirudhan, P.N., Chang, H.S., Izzard, M.J. A study of the host-network interface for MPEG based desktop video conferencing 87879
Anis, H., Goodwin, J., Makino, T., Xu, J.M. Effect of nonlinear gain on the intermodulation distortion in DFB lasers 65262
Anis, H., Makino, T., Xu, J.M. Effect of gain coupling on the intermodulation distortion in DFB laser 85531
Anis, H. *see* Morcos, M.M. 70810
Anis, H. *see* Sargent, E.H. 96376
Anis, H.I. *see* Adly, A.A. 96917
Anis, H.I. *see* Ghourab, M.E. 102151
Anis, W.R., El-Shakour M. El-Samahy, A. Microprocessor based load voltage regulator for photovoltaic systems 121401
Anis, W.R., Metwaly, H.H.B., El-Shakour M. El-Samahy, A. Microprocessor-based overcurrent protection for PV powered air-conditioning system 122091
Anis, W.R. *see* El-Shakour M. El-Samahy, A. 121887
Anis, W.R. *see* Metwaly, H.M.B. 121400
Anischenko, N.G., Bazhanov, N.A., Benda, B., Borisov, N.S., Borzunov, Yu.T., Burinov, V.F., Durand, G., Dzyubak, A.P., Gevchuk, A.V., Golovanov, L.B., Gurevich, G.M., Kovalev, A.I., Lazarev, A.B., Leconte, Ph., Lehar, F., de Lesquen, A., Lukhanin, A.A., Matafonov, V.N., Matyushevsky, E.A., Mironov, S., Neganov, A.B., Piskunov, N.M., Plis, Yu.A., Shilov, S.N., Shishov, Yu.A., Sorokin, P.V., Teterin, V.V., Topalov, S., Trautman, V.Y., Tsvinev, A.P., Usov, Yu.A. A new movable polarized target at Dubna 120106
Anischenko, S.E., Larkin, S.Y., Chaikovsky, V.I., Khabayev, P.V., Kamyshin, V.V. Josephson frequency meter for millimeter and submillimeter wavelengths 115954
Anischenko, S.E. *see* Larkin, S.Y. 115955
Anishchenko, N.G. *see* Baldin, A.M. 90061
Anishchenko, S.E. *see* Larkin, S.Yu. 79646
Anishchenko, V.A. Optimum estimation of an energy facility's state variables in the presence of dynamic relations 70635
Anishchenko, V.S. *see* Postnov, D.E. 82900
Anishchenko, V.S. *see* Yanson, N.B. 120452
Anishchik, V.M., Markevich, M.I., Piskenov, F.S., Yanushkvich, V.A. Laser synthesis of indium sulphides in a chemically active medium 113409
Anisimkin, V.I., Kotelyanskii, I.M., Fedosov, V.I., Caliendo, C., Verardi, P., Verona, E. Analysis of the different contributions to the response of SAW gas sensors 110261
Anisimkin, V.I., Penza, M., Kotelyanskii, I.M., Vasanelli, L. SAW gas detection using uncommon delay lines 110260
Anisimkin, V.I., Penza, M., Maksimov, S.A., Vasanelli, L. SAW delay lines for thermal detection of gases and gas flows 110259
Anisimkin, V.I. *see* Penza, M. 61429
Anisimov, N.A., Kovalenko, A.A., Postupalski, P.A., Vuong, S.T. A compositional approach to the specification of multimedia objects using Petri nets 87932
Anisimov, V.A., Gornov, A.O., Moskalenko, V.V., Rozhankovskii, Yu.V. Energy savings in asynchronous electric drive with thyristor voltage regulators under a fan-type load 103062
Anisimov, Ye.I., Gaivoronsky, A.S., Ovsyanniklova, A.G. Impulse electric strength of phase wire insulating suspensions of ultrahigh voltage overhead lines 81117
Anisimovas, F. *see* Balevichius, S. 75379
Anisimovas, F. *see* Balevichius, S. 115973
Aniya, M. A model for the photo-electro ionic phenomena in chalcogenide glasses 94419
Anjanappa, M. *see* Krishna Murty, A.V. 113557
Anjanappa, M.A. *see* Yuefei Wu 113558
Anjaneyulu, L. *see* Bhat, K.P.M. 68641
Anjard, R.P. Updates for the implementation and application of statistical process control (SPC) including continuous process improvement for SMT (surface mount technology) and PCBs 92275
Anjo, K. *see* Nishi, H. 104433
Anjun Wan *see* Wan Anjun
Ankenbrandt, C. *see* Johnstone, C. 79799
Ankiewicz, A., Akhmediev, N.N. Bifurcations for asymmetric soliton states in parabolic nonlinearity couplers 76141
Ankiewicz, A. *see* Akhmediev, N.N. 76194
Ankiewicz, A. *see* Kusano, K. 64639
Ankiewicz, A. *see* Miller, P.D. 78847
Ankiewicz, A. *see* Miller, P.D. 96659
Ankner, J.F., Kaiser, H., Hamacher, K., Schreyer, A., Zeidler, T., Zabel, H., Majkrzak, C.F., Schafer, M., Grunberg, P. Structural, field, and temperature dependence of noncollinear magnetic coupling in Fe/Cr (001) superlattices 64364
Ankner, J.F. *see* Borchers, J.A. 64356
Ankner, J.F. *see* Michel, R.P. 64361
Anli Huang *see* Huang Anli
Anli Li *see* Li Anli
Anliang Wang *see* Kechu Yi 76886
Anliker, M. *see* Buhrer, A. 90474
Anma, M. *see* Lapp, J.C. 89448
Anma, Y. *see* Ohuchi, K. 78076
Anmin Guan *see* Guan Anmin
Ann Ho Quoc, Tedjini, S. Measurement & calibration procedure for the characterization of the scattering parameters in microwave fiber-optic devices 69466
Ann Souguil *see* Souguil Ann
Anna Xing *see* Xing Anna
Annakkage, U.D., Pahalawaththa, N.C., Gan, L. Design of an integrated AGC-HVDC line controller 80883
Annakkage, U.D. *see* Chen, X.R. 80887
Annakkage, U.D. *see* Chen, X.R. 101967
Annakkage, U.D. *see* Chen, X.R. 111470
Annakkage, U.D. *see* Chen, X.R. 111562
Annakkage, U.D. *see* Samarasinghe, V.G.D.C. 80888
Annakkage, U.D. *see* Samarasinghe, V.G.D.C. 111496
Annamalai, A., Bhargava, V.K. Some results on FDM/DS-CDMA signalling scheme for wireless communication networks 98423
Annamalai, A., Bhargava, V.K. Performance of selection diversity for DS/CDMA communications over Rayleigh fading channels 118790
Annamalai, N.K. *see* Hua-Fang Wei 94951
Annapoorni, S. *see* Srivastava, M.P. 83906
Annapurna, K. *see* Rajamohan Reddy, K. 95966
Annapurna, K. *see* Rambabu, U. 75711
Anne, K. *see* Montanaro, J. 73430
Annear, D. Effective management of telecommunications in an NHS trust 67815
Anni Cai *see* Mingzhou Song 117789
Annino, G.E. *see* Carelli, G. 75797
Annis, P., Aoki, S., Brooijmans, G., Brunner, J., de Jong, M., Fabre, J.-P., Ferreira, R., Flegel, W., Frekers, D., Gregoire, G., Gruwe, M., Herin, J., Hoepfner, K., Kobayashi, M., Konijn, J., Lemaitre, V., Lendermann, P., Macina, D., Meijer Drees, R., Meinhard, H., Michel, L., Mommaert, C., Nakamura, K., Nakamura, M., Nakano, T., Niwa, K., Nia, E., Panman, J., Riccardi, F., Rondeshagen, D., Sato, O., Stefanini, G., Vander Donckt, M., Vilain, P., Weinheimer, C., Wilquet, G., Winter, K., Wong, H.T. The CHORUS scintillating fiber tracker and opto-electronics readout system 80121
Annis, P. *see* Martellotti, G. 80122
Annovazzi-Lodi, V., Donati, S., Scire, A. Synchronization of chaotic injected-laser systems and its application to optical cryptography 65348

Annus, A., Metusala, T., Oidram, R., Tapupere, O. Some aspects about insulator puncture tests 102211
Anohtomi, A. *see* Amurohka, H. 100892
Anoikin, T.V., Sides, P.J., Spratt, G.W.D. Microscopic studies of corrosion phenomena in metal evaporated and metal particle flexible media 115824
Anokhin, A.P., Birbaumer, N., Lutzenberger, W., Nikolaev, A., Vogel, F. Age increases brain complexity 110823
Anoop Kumar, K., Rajagopal, R., Ramakrishna Rao, P. Wide-band DOA estimation in the presence of correlated noise 99680
Anosov, D.V. Some examples of singular perturbations 72415
Anosov, O.L., Butkovskii, O.Ya., Kravtsov, Yu.A. The limits of predictability for linear autoregression models 108238
Anquetil, E., Lorette, G. On-line cursive handwritten character recognition using hidden Markov models 86608
Ansari, H., Roberts, L.H. Charge-coupled device imaging system for precision beam steering in laser communications 88543
Ansari, M.S. *see* Navathe, C.P. 85558
Ansari, N., Arulambalam, A., Balasekar, S. Traffic management of a satellite communication network using stochastic optimization 68333
Ansari, N., Hou, E.S.H., Bin-Ou Zhu, Jiang-Guo Chen Adaptive fusion by reinforcement learning for distributed detection systems 66612
Ansari, N. *see* Hanek, H. 67082
Ansari, N. *see* Zhang, Z.Z. 86959
Ansari, N.A., Sammut, R.A., Hai-Tan Tran Effect of four-wave mixing on copropagating spatial solitons 96628
Ansari, N.I. *see* Kapadia, S.S. 88017
Ansari, S.G., Boroojerdian, P., Kulkarni, S.K., Sainkar, S.R., Karekar, R.N., Aiyer, R.C. Effect of thickness on H_2 gas sensitivity of SnO_2 nanoparticle-based thick film resistors 110249
Ansari, S.H. *see* Rahimi, A.F. 70728
Ansari, S.I. *see* Abd-El-Barr, M.H. 61817
Ansari, T.H. *see* Singh, R.S. 74282
Ansari, Z.A., Karekar, R.N., Aiyer, R.C. Planar optical waveguide with $PbCl_2$ cladding: a chlorine sensor 110248
Ansary, O. *see* Heydari, H. 81502
Ansbro, A.P., Finotto, D., Gianola, P. A phased array antenna for mobile-satellite communications in L-band (near-field/far-field measurements) 99334
Ansell, P.S., Glazebrook, K.D., Mitrani, I. Server allocation subject to variance constraints 118050
Anselm, K.A., Murtaza, S.S., Hu, C., Campbell, J.C., Streetman, B.G. Molecular beam epitaxy growth of resonant-cavity separate-absorption-and-multiplication avalanche photodiodes 85283
Anselm, K.A., Murtaza, S.S., Tan, I.-H., Chelakara, R.V., Islam, M.R., Dupuis, R.D., Streetman, B.G., Bowers, J.E., Hu, E.L., Campbell, J.C. High-performance resonant-cavity photodetectors 64936
Anselm, K.A. *see* Murtaza, S.S. 79432
Anselm, K.A. *see* Murtaza, S.S. 88488
Anselm, K.A. *see* Sarathy, J. 79408
Anselmi, C.C. *see* Himmelstoss, F.A. 104363
Anselmi, J.A. *see* Bar-Sever, Y.E. 119334
Anselmo, A., Koziol, J., Prasad, V. Full-scale experiments on solid-pellets feed continuous Czochralski growth of silicon crystals 82578
Anselmo, A. *see* Si, W. 105148
Anselmo, A. *see* Zou, Y.F. 92677
Anselmo, A.P. *see* Iseler, G. 92680
Ansermet, J.-P. *see* Doudin, B. 75187
Anshan Huang On bounds of the parametric range of bifurcation of Chua's circuit 93100
Ansheng Liu Microcavity effect in the optical intersubband absorption of a multiple-quantum-well structure 94529
Anshi Xu *see* Kan Zhang 119207
Anshi Xu *see* Xu Anshi
Ansing, M. *see* Potters, J.A.M. 113094
Ansley, D. *see* Haseltine, E.C. 119821
Ansley, W.E., Rose, M.F. Evaluation of liquid-metal jets as the conductor in a rep-rated, exploding-fuse opening switch 71561
Anson, K. The physical principles behind the use of lasers in the treatment of benign prostatic hyperplasia 90567
Anson, S., Sahay, C., Hallgren, J., Pillar, W., Fletcher, T., Davis, R., Ong, T. Qualifying a hirel no-clean process 120934
Anson, S., Sahay, C., Head, L., Constable, J. Determination of parameters affecting solder paste tack strength as measured in the IPC tack test: a classical design of experiments approach 83596
Anson, S.A. *see* McCahon, S.W. 114797
Ansorge, M. *see* Berthoud, C. 119599
Anspach, D.A., Anspach, J.P., Walters, B.G., Crain, B., Jr. PAMTRAK: a system to monitor high value objects and personnel in restricted areas 119264
Anspach, J.P. *see* Anspach, D.A. 119264
Anstey, M. *see* Holburn, D.M. 72358
Anstreicher, K.M. On long step path following and SUMT for linear and quadratic programming 103691
Ansuj, S. *see* Popov, V. 102101
Antakov, I.I. *see* Zasypkin, E.V. 105042
Antao, B.A.A. AHD languages–a must for time-critical designs 93032
Antao, B.A.A. Trends in CAD of analog ICs 106153
Antao, B.A.A., El-Turky, F.M., Leonowich, R.H. Behavioral modeling phase-locked loops for mixed-mode simulation 61696
Antao, B.A.A. *see* Mueller, J.G. 73079
Antar, Y.M.M., Fan, Z. Offset or inclined printed slot on the ground plane of a microstrip line with anisotropic substrates 65978
Antar, Y.M.M. *see* Fan, Z. 62144
Antar, Y.M.M. *see* Fan, Z. 83332
Antaya, T. *see* Deis, G. 106719
Antaya, T.A. *see* Leuer, J.A. 106712
Antaya, T.A. *see* Srivastava, A.K. 69690
Antelo, E., Bruguera, J.D., Zapata, E.L. Unnormalized fixed-point CORDIC arithmetic for SVD processors 93471
Antenor, S., Mendes, L. Method of moments with solenoidal basis functions: an approach to analyze the scattering by inhomogeneous dielectrics 65756
Antenor, S. *see* Mendes, L. 97082
Anterrieu, E. *see* Martin-Neira, M. 111288
Anthamatten, O. *see* Battig, R. 88471
Anthamatten, O. *see* Battig, R.K. 68362
Anthamatten, O. *see* Marxer, C. 85084
Anthon, D.W. *see* Phillips, M.R. 88640
Anthonioz, J.-L. *see* Borie, B. 98188
Anthony, C.J., Uren, M.J., Nayar, V. Radiation hardness of N_2O grown oxynitrides assessed using the conductance technique 114820
Anthony, D.K., Cowan, C.F.N., Griffiths, H.D., Meng, Z., Rafik, T.A., Shafeeu, H. 3-D high resolution imaging using interferometric synthetic aperture sonar 68712
Anthony, F. *see* Marengo, E.A. 99618
Anthony, P.J. *see* Dhar, L. 85060
Anthony, P.J. *see* Grimes, G.J. 116290
Anthony, P.J. *see* Weyl-Kuo Wang 64714
Anthony, P.J. *see* Wong, Y.M. 119220
Anthony, T.C. *see* Bayle-Guillemaud, P. 115630
Anthony, T.C. *see* Brug, J.A. 64422
Anthony, T.C. *see* Chih-Huang Lai 75145
Anthore, N. *see* Ozkul, C. 107686
Anthouard, Ph. *see* Eyharts, Ph. 89740
Antich, P.P. *see* Fernando, J.L. 80259
Anticic, T., Battiston, R., Braunschweig, W., Chang, Y.H., Chien, C.Y., Chen, A.E., Hou, S.R., Lin, C.H., Lin, W.T., Ostonen, R., Spartiotis, K., Syben, O., Toker, O., Wittmer, B. Energy straggling and multiple scattering in silicon strip detectors 90166
Anticic, T. *see* Chang, Y.H. 90144
Antila, E., Taijala, B. DA concept for higher-quality power supplies 81027
Antila, M. *see* Lantto, E. 91435
Antilogus, P. *see* Abe, K. 69708
Antilogus, P. *see* Abe, K. 69726
Antinori, F., Antinori, F., Barberis, D., Beker, H., Beusch, W., Campbell, M., Cantatore, E., Catanesi, M.G., Chesi, E., Darbo, G., Di Bari, D., Di Liberto, S., Elia, D., Heijne, E.H.M., Helstrup, H., Jacholkowski, A., Klempt, W., Knudson, K., Kralik, I., Lassalle, J.C., Lenti, V., Lopez, L., Luptak, M., Martinengo, P., Meddi, F., Middelkamp, P., Morando, M., Pellegrini, F., Quercigh, E., Rossi, L., Safarik, K., Segato, G., Simone, S. Development of silicon pixels for strangeness detection in nucleus-nucleus collisions 120156
Antinori, F. *see* Antinori, F. 120156
Antipa, C., Bruckner, I.I., Crangulescu, N., Moldovan, C.I., Podoleanu, A.G., Stanciulescu, V., Ionescu, E. Our clinical experience in low-energy laser medical treatments 80470
Antipov, O.L., Belyaev, S.I., Kuzhelev, A.S. Orientational self-pumped phase conjugation of a light beam in a layer of a nematic liquid crystal with nonreciprocal feedback 76192
Antipov, O.L., Belyaev, S.I., Kuzhelev, A.S. Phase conjugation of a light beam in a Nd:YAG amplifier with feedback 96669
Antipov, O.L., Belyaev, S.I., Kuzhelev, A.S. Stimulated resonance scattering of the light beam in the inverted Nd:YAG-crystal 116675
Antipov, O.L., Belyaev, S.I., Kuzhelev, A.S. Laser amplifier with the feedback loop as self-pumped phase conjugator of the light beam 116682
Antipov, O.L., Eichler, H.J., Macdonald, R., Meindl, P. Low threshold self-pumped phase conjugation of an Ar^+-laser beam by using a dye-doped nematic liquid crystal 116683
Antipov, V.G., Nikishin, S.A., Zubrilov, A.S., Tsvetkov, D.V., Ulin, V.P. MBE of GaN on 6H-SiC and GaAs substrates using hydrazine as a nitrogen source 104061
Antipov, V.N., Glebov, I.A. Development of commutator electrical machines on the basis of second-generation brush assemblies 71339
Antipov, V.V. *see* Sorokin, N.G. 106316
Antipov, Yu.M., Batarin, V.A., Bezzubov, V.A., Bushnin, Yu.B., Van'ev, V.S., Volkov, A.A., Gorin, Yu.P., Eroshin, O.V., Zimin, S.A., Mandrichenko, I.V., Medovikov, V.A., Konoplyannikov, A.K., Petrukhin, A.I., Fakhrutdinov, R.M. Investigation of drift tubes with field-shaping electrodes in two configurations 69794
Antipova, E.V. *see* Nikulin, A.D. 95410
Antkowiak, B. *see* Greiff, P. 79303
Antler, M. Corrosion control and lubrication of plated noble metal connector contacts 104925
Antognini, L. Motion system design platform supports analysis and implementation 121962
Antohe, S., Ruxandra, V., Tugulea, L., Gheorghe, V., Ionascu, D. Three-layered photovoltaic cell with an enlarged photoactive region of codeposited dyes 112331
Antoine, J. *see* Dolfi, D. 66152
Antoine, J. *see* Dolfi, D. 117057
Antoine, J.-P., Murenzi, R. Two-dimensional directional wavelets and the scale-angle representation 117673
Antoine, J.-P., Vandergheynst, P., Bouyoucef, K., Murenzi, R. Target detection and recognition using two-dimensional isotropic and anisotropic wavelets 98200
Antoine, M.J., Travere, J.M., Bloyet, D. Anisotropic diffusion filtering applied to individual PET activation images: a simulation study 90450
Antola, A., Piuri, V., Sami, M. A high-level synthesis approach to optimum design of self-checking circuits 113881
Antola, A. *see* Albanesi, M.G. 104607
Antolak, A.J. *see* Hildner, M.L. 69893
Antolak, A.J. *see* McGregor, D.S. 80153
Antolak, A.J. *see* McGregor, D.S. 92663
Antolini, A. *see* Lamberti, C. 84076
Antolini, P. *see* Bastida, E.M. 62275
Antolini, R. *see* Speranzo, G. 70162
Antolino, A., Fornuto, G., Papuzza, C., Soldani, D., Taiariol, F. Growth and characterization of InGaAsP/InGaAs MQW structures grown by MOCVD technique 61267
Anton, B. *see* Eva, E. 116187
Anton, R. *see* Druesedau, T.P. 104085
Anton, R.C., Dereniak, E.L., Garcia, J.P. Characteristics of uncooled indium antimonide photoconductors 69177
Anton-Haro, C., Fonollosa, J.A.R., Fonollosa, J.R. On the inclusion of channel's time dependence in a hidden Markov model for blind channel estimation 119071
Antonakopoulos, T. A Spectrum Reuse/Token Passing (SRTP) protocol for communications in the factory environment over the power grid 67765
Antonakopoulos, T. *see* Maniatopoulos, A. 67536
Antonakopoulos, T. *see* Papadopoulos, C. 71501
Antonell, M.J., Abernathy, C.R., Gedridge, R.W. Tellurium doping of InP using triisopropylindium-diisopropyltellurium (TIPIn-DIPTe) 105565
Antonell, M.J., Jones, K.S., Haynes, T.E. Carbon incorporation for strain compensation during solid phase epitaxial recrystallization of SiGe on Si at 500-600°C 72766
Antonenko, A.M., Gorbenko, V.M., Sadovskaya, L.Ya., Ermakov, S.Yu. Acoustic and elastic parameters of bismuth tellurite 64589
Antonetti, A. *see* Curley, P.F. 107219
Antoni, F., Fuchs, C., Fogarassy, E. Analytical description of the film thickness distribution obtained by the pulsed laser ablation of a monoatomic target: application to silicon and germanium 92831
Antonia, R.A. *see* Britz, D. 86176
Antoniades, J.A. *see* Murphy, D.P. 120044
Antoniades, N., Bala, K., Yoo, S.J.B., Ellinas, G. A parametric wavelength interchanging cross-connect (WIXC) architecture 109658
Antoniades, N. *see* Bala, K. 88052
Antoniades, N. *see* Yoo, S.J.B. 65465
Antoniades, N. *see* Yoo, S.J.B. 107522
Antoniadis, D. *see* Chandrakasan, A. 82842
Antoniadis, D. *see* Cheng-Liang Huang 63749
Antoniadis, D.A. *see* Arora, N.D. 84421
Antoniadis, D.A. *see* Cheng-Liang Huang 63740
Antoniadis, D.A. *see* O'Neill, A.G. 63945
Antoniadis, D.A. *see* O'Neill, A.G. 84409
Antoniadis, D.A. *see* Rahmat, K. 115120
Antoniadis, D.A. *see* Sadek, A. 94953
Antoniadis, D.A. *see* Wei, A. 61871
Antoniadis, D.A. *see* Wei, A. 93262
Antoniadis, H. *see* Sheats, J.R. 116244
Antonier, E. *see* Lim, J.K. 62493
Antonini, G., Cristina, S., Orlandi, A. EMC characterization of SMPS devices: circuit and radiated emissions model 97186
Antonio, M.R. *see* Tryk, D.A. 71674
Antoniou, A. *see* Abdel-Raheem, E. 86201
Antoniou, A. *see* Abdel-Raheem, E. 114096
Antoniou, A. *see* Bhattacharya, D. 62025
Antoniou, A. *see* Bhattacharya, D. 83228
Antoniou, A. *see* Hua Xu 62041
Antoniou, A. *see* Hua Xu 77033
Antoniou, A. *see* Netto, S.L. 73567
Antoniou, A. *see* Pillai, S.R. 117423
Antoniou, A. *see* Pillai, S.R. 120692
Antoniou, A. *see* Subramanian, S. 88118
Antoniou, A. *see* Xu, H. 93590
Antoniou, A. *see* Xu, H. 97690
Antonis, P.De *see* De Antonis, P.
Antonnetti, A. *see* Le Blanc, C. 96229
Antonoiu, G., Srimani, P.K. A self-stabilizing leader election algorithm for tree graphs 77719
Antonopoulos, C.S. *see* Kriezis, E.E. 97273
Antonopoulos, C.S. *see* Theodoulidis, T.P. 76345
Antonopoulou, I.N., Papastavridis, S.G., Sypsas, P.T. Strict circular consecutive k out of n systems 103501
Antonov, E.N. *see* Popov, V.K. 104080

Antonov, S. *see* Paramonov, V.P. 84785
Antonov, S.S., Sadovnichii, V.N., Chernyakov, V.A. The operating characteristics of an intermediate diffuser between turbine stages under transient conditions 102474
Antonov, V.I. Input signals of digital, relay safety systems and automatic accident-prevention systems 80842
Antonov, V.I., Il'in, A.A., Lazareva, N.M. Adaptive algorithms for estimating the grid frequency in digital safety and automatic systems 120954
Antonov, Yu.F. *see* Danilevich, Ya.B. 71338
Antonova, G.S., Schezovanov, L.N., Vuong, S.T. A universal simulation model for SONET/SDH synchronization networks 88525
Antonsen, T., Jr *see* Levush, B. 62636
Antonsen, T.M. *see* Abramovich, A. 96078
Antonsen, T.M. *see* Milchberg, H.M. 89584
Antonsen, T.M., Jr., Lui, C., Levush, B. Space charge induced velocity spread in a gyrotron MIG 114524
Antonsen, T.M., Jr. *see* Cheng, S. 65008
Antonsen, T.M., Jr. *see* Cheng, S. 96501
Antonsen, T.M., Jr. *see* Chunbo Liu 105022
Antonsen, T.M., Jr. *see* Freund, H.P. 105078
Antonsen, T.M., Jr. *see* Freund, H.P. 112677
Antonsen, T.M., Jr. *see* Guo, H.Z. 62622
Antonsen, T.M., Jr. *see* Levush, B. 62582
Antonsen, T.M., Jr. *see* Levush, B. 105079
Antonsen, T.M., Jr. *see* Miller, S.M. 105071
Antonsen, T.M., Jr. *see* Saraph, G.P. 62583
Antonsen, T.M., Jr. *see* Shiqiu Cheng 107369
Antonucci, P.L. *see* Antonucci, V. 81867
Antonucci, P.L. *see* Arico, A.S. 121873
Antonucci, V., Giordano, N., Antonucci, P.L., Arato, E., Costamagna, P., Rocchini, G., Demin, A. Partial oxidation of CH$_4$ for SOFC: performance analysis 81867
Antonucci, V. *see* Arico, A.S. 121873
Antonuk, L.E. *see* Boudry, J.M. 80294
Antony, J., Mazharsolook, E., Kaye, M. An application of Taguchi's robust parameter design methodology for process improvement 60588
Antonyuk, B.P. Exciton self-organization in organic and inorganic materials under light pumping 107540
Antonyuk, S.P. *see* Krasny, L.G. 70508
Antos, A.J. *see* Altuncu, A. 107150
Antos, A.J. *see* Da Silva, V.L. 75475
Antos, A.J. *see* Hawtof, D.W. 85033
Antos, A.J. *see* Nissov, M. 119135
Antos, A.J. *see* Yanming Liu 75473
Antos, R.J. Options for low emissions 102464
Antoshechkin, A.V. *see* Pirogov, Yu.A. 80682
Antoszewski, J., Faraone, L. Mobility spectrum analysis of magnetic field dependent Hall data in HgCdTe epitaxial films 62735
Antoszewski, J., Faraone, L. Analysis of magnetic field dependent Hall data in narrow bandgap Hg$_{1-x}$Cd$_x$Te grown by molecular beam epitaxy 114625
Antoszewski, J. *see* Li, G. 74147
Antsigin, V.D., Gusev, V.A., Yurkin, A.M. Improvement of BBO NLO figures of merit by post-growth thermal treatment 96686
Antsygin, V.D., Borzdov, Y.M., Gusev, V.A., Kupriyanov, I.N., Pal'yanov, Yu.N., Sokol, A.G., Khokhryakov, A.F. Particular optical properties of large synthetic diamonds grown on a "split sphere" apparatus 103824
Antunes, A.Ribeiro *see* Ribeiro Antunes, A.
Antunes, C.F.L. *see* Coimbra, A.P.B. 96894
Antunes, C.F.R.Lemos *see* Lemos Antunes, C.F.R.
Antweiler, C., Schiffer, A., Dorbecker, M. Acoustic echo control with variable individual step size 66844
Anu, Y. *see* Wax, M. 66701
Anu, Y. *see* Wax, M. 66702
Anufriev, A. *see* Schmiedel, H. 83321
Anunciada, A. *see* Fernao Pires, V. 121758
Anunciada, V. *see* Borges, B.V. 71832
Anupindi, N. *see* Prabhu, K.M.M. 97845
Anuradha, V.K. *see* Kalyanakrishnan, S. 93454
Anuradha, V.K. *see* Madhukar, B. 83170
Anuradha, V.K. *see* Sancheti, N.K. 93451
Anuradha, V.K. *see* Ubale, A.W. 93403
Anuszczyk, J., Gmyrek, Z. Surface power losses in the core of induction motors supplied by a PWM voltage inverter 81452
Anvari, B., Tanenbaum, B.S., Milner, T.E., Tang, K., Lih-Huei Liaw, Kalafus, K., Kimel, S., Nelson, J.S. Spatially selective photocoagulation of biological tissues: feasibility study utilizing cryogen spray cooling 101410
Anvekar, D.K. New call queueing in mobile microcellular systems 68137
Anvekar, D.K., Agrawal, P., Patel, T. Fixed cellular rural networks in developing countries: a performance evaluation 99093
Anvekar, D.K., Pradhan, S.S. Handover scheme for mobile cellular communication systems 68172
Anvekar, D.K., Pradhan, S.S. HCE: A new channel exchange scheme for handovers in mobile cellular systems 99258
Anvekar, D.K., Sonde, B.S. Programmable non-linear ADC: an illustrative example [for education] 83177
Anvekar, D.K. *see* Patel, T. 99265
Anwand, W. *see* Brauer, G. 94452
Anwar, A.F.M. *see* Jahan, M.M. 74710
Anwar, A.F.M. *see* Lefebvre, K.R. 114721
Anwar, M.Z. *see* Sun, C.J. 94321
Anwar, M.Z. *see* Yang, J.W. 85307
Anwar, M.Zubair *see* Zubair Anwar, M.
Anwei Liu, Barry Joe Quality local refinement of tetrahedral meshes based on 8-subtetrahedron subdivision 103796
Anzai, F. *see* Ichikawa, Y. 109945
Anzai, H. *see* Dong Il Kim 65886
Anzai, H. *see* Logvenov, G.Yu. 106662
Anzai, K. *see* Mimura, Y. 75678
Anzai, S. *see* Tanimura, D. 88916
Anzai, Y. *see* Kashihara, T. 103148
Anzaki, T., Sakai, Y., Yoshii, T., Takemura, K., Aoki, Y., Saito, H., Nakamura, M., Ohno, S., Kusuda, Y. A new method of embedding the TFT gate bus-line in the glass substrate using a selective deposition of SiO$_2$ 84389
Anzaloni, A., Osu, G. Object-oriented methodology applied at TMN service management level 108983
Anzelotti, J. *see* Papernov, S. 107462
Anzhi He *see* He Anzhi
Anzill, W., Fillebock, M., Russer, P. Low phase noise design of microwave oscillators 114294
Ao, H. *see* Dewa, H. 120075
Ao, Q., Lee, S.H., Gardner, R.P. Accuracy evaluation of K and L XRF lead in bone (tibia) measurement by simulation with the specific purpose Monte Carlo code NCSXRF 101241
Aochi, H. *see* Filippi, R.G. 115018
Aochi, H. *see* Gambino, J.P. 63457
Aoe Jun-Ichi *see* Jun-Ichi Aoe
Aoi, H. *see* Ito, S. 111772
Aoi, H. *see* Mita, S. 75261
Aoki, D. *see* Fujihira, M. 85274
Aoki, H. *see* Sano, Y. 69282
Aoki, H. *see* Shiramizu, Y. 63382
Aoki, H. *see* Tsukamoto, A. 110214
Aoki, I. *see* Matsuura, H. 83491
Aoki, I. *see* Onozuka, M. 94162
Aoki, K., Fukuda, Y., Numata, K., Nishimura, A. Electrode dependences of switching endurance properties of lead-zirconate-titanate thin-film capacitors 64172
Aoki, K. *see* Badics, Z. 71085
Aoki, K. *see* Badics, Z. 104227
Aoki, K. *see* Kitsuta, K. 113586
Aoki, K. *see* Nishida, Y. 119435
Aoki, K. *see* Sasaki, I. 99124
Aoki, K. *see* Sato, A. 86660
Aoki, K. *see* Sato, A. 98150
Aoki, K. *see* Shishikui, Y. 67198
Aoki, K. *see* Uesaka, M. 71082
Aoki, K. *see* Watanabe, S. 69095
Aoki, K. *see* Yamanouchi, K. 84734
Aoki, K. *see* Zuhdan Jauzi, M. 86700
Aoki, M., Hara, A. Distribution of Fe in an intrinsic gettered silicon wafer after annealing at supersaturation temperature 114584
Aoki, M., Ogawa, T. Traffic flow monitoring by double slit images 98130
Aoki, M., Ozaki, T., Yamada, T., Hamamoto, T. NAND-structured DRAM cell with lithography-oriented design 93361
Aoki, M. *see* Itakura, T. 95195
Aoki, M. *see* Katahara, S. 87008
Aoki, M. *see* Manabe, K. 91879
Aoki, N., Fukuhara, K., Kikutani, T., Oki, A., Hori, H., Yamada, S. Fabrication of buried metal dot structure in split-gate wire by scanning tunneling microscope 83966
Aoki, N. *see* Matsui, K. 102175
Aoki, N. *see* Matsuyama, K. 88005
Aoki, N. *see* Miyake, S. 106730
Aoki, P.M. *see* Woodruff, A. 77960
Aoki, S. *see* Annis, P. 80121
Aoki, S. *see* Fukao, M. 92308
Aoki, S. *see* Takahata, K. 74893
Aoki, S. *see* Tsuji, S. 95687
Aoki, S. *see* Ugai, Y. 106872
Aoki, T. Overview of GS8000 series 67823
Aoki, T. Network deployment strategy towards multimedia services 87910
Aoki, T. Observation of light emissions from hot electrons and latch-up at the cleaved surface of CMOS structures 115361
Aoki, T., Hiratsuka, M., Higuchi, T. Analysis and design of enzyme transistor circuits 73893
Aoki, T., Kajita, K. Dependence of maximum rotational speeds of an ultrasonic quartz motor on resonance currents and applied voltages 71364
Aoki, T., Morita, M., Nakanishi, Y., Hatanaka, Y. Growth of ZnSe films by hydrogen radical assisted MOCVD method 72814
Aoki, T., Morita, M., Noda, D., Nakanishi, Y., Hatanaka, Y. Growth of p-type ZnSe films by radical assisted MOCVD method 92851
Aoki, T., Morita, M., Wickramanayaka, S., Nakanishi, Y., Hatanaka, Y. Growth of ZnSe thin films by radical assisted MOCVD method 61172
Aoki, T., Sakurai, S., Higuchi, T. Parallel computing architectures using optical wave-casting 95898
Aoki, T., Tokoyo, H., Higuchi, T. Design of high-radix dividers without quotient digit selection tables 93263
Aoki, T., Yoshida, Y. Dependence of rotation speeds of ultrasonic quartz motor on length in Z-axis direction 81499
Aoki, T. *see* Chang-Jun Zhu 116301
Aoki, T. *see* Hatanaka, Y. 104030
Aoki, T. *see* Mitsuhashi, T. 115289
Aoki, T. *see* Miyamoto, S. 69601
Aoki, T. *see* Morino, H. 118069
Aoki, T. *see* Saito, T. 87690
Aoki, T. *see* Suzuki, T. 71365
Aoki, T. *see* Tada, H. 69560
Aoki, T. *see* Tazume, K. 121654
Aoki, T. *see* Yonehara, H. 89802
Aoki, Y., Iijima, T. The figure source equation and its physical consideration 108577
Aoki, Y., Ogata, T., Koga, T., Matsuoka, I., Hamanaka, T. Unrepeatered transmission of four-channel 2.5 Gb/s WDM signal over 360 km of conventional fiber with fully-engineered equipments 78845
Aoki, Y. *see* Anzaki, T. 84389
Aoki, Y. *see* Hatsuda, T. 88394
Aoki, Y. *see* Hatsuda, T. 88395
Aoki, Y. *see* Kawada, M. 115702
Aoki, Y. *see* Kobayashi, K. 73795
Aoki, Y. *see* Kuriyama, K. 114618
Aoki, Y. *see* Matsuzawa, T. 116221
Aoki, Y. *see* Mitsuhashi, R. 88686
Aoki, Y. *see* Nagasaki, T. 86869
Aoki, Y. *see* Ogata, T. 68528
Aoki, Y. *see* Ono, K. 114306
Aoki, Y. *see* Shimatani, N. 114892
Aoki, Y. *see* Yoshino, K. 86852
Aomine, T. *see* Ichikawa, F. 106664
Aomura, S. *see* Sae-Tang, A. 87248
Aono, K. *see* Okabe, S. 102796
Aono, K. *see* Okamoto, K. 118691
Aono, M. *see* Nakayama, T. 115097
Aono, M. *see* Ohbuchi, R. 101137
Aono, Y. *see* Nakamura, K. 110953
Aoshima, K. *see* Kanai, H. 115705
Aota, K. *see* Kawaguchi, H. 89280
Aotsuka, A., Weate, S.J., Drake, M.E., Jr., Paulson, G.W. Event-related potentials in Parkinson's disease 90542
Aoucher, M., Mohammed-Brahim, T., Fortin, B. Acceptor and donor centers introduced by oxygen ionosorption at the a-Si:H film surface 62772
Aouda, N., Metz, M. A quasi zero-magnetic-flux current sensor with large bandwidth for power semiconductor switches 114372
Aouli, R., Akroune, M., Dami, M.A., Mouillet, A. Characterisation of electric alloys for electric drives 71763
Aourid, M., Kaminska, B. Minimization of the 0-1 linear programming problem under linear constraints by using neural networks: synthesis and analysis 60888
Aoyagi, H. *see* Motohashi, A. 110253
Aoyagi, H. *see* Nakanishi, T. 114507
Aoyagi, H. *see* Okabe, S. 102897
Aoyagi, H. *see* Sato, H. 84901
Aoyagi, H. *see* Yamagata, Y. 81596
Aoyagi, K. *see* Yabuhara, Y. 92676
Aoyagi, M., Suzuki, T., Tomikawa, Y. Characteristics of a bolt-clamped torsional vibrator using shear-mode piezo-ceramics sandwiched in the axial direction 101602
Aoyagi, M., Tomikawa, Y. Ultrasonic motor based on coupled longitudinal-bending vibrations of a diagonally symmetric piezoelectric ceramic plate 121522
Aoyagi, M., Tomikawa, Y., Takano, T. Simplified equivalent circuit of an ultrasonic motor and its applications 102764
Aoyagi, M. *see* Hirose, S. 101601
Aoyagi, M. *see* Kurosawa, I. 94984
Aoyagi, M. *see* Ohnishi, K. 102765
Aoyagi, M. *see* Takano, T. 101605
Aoyagi, N. *see* Uriu, Y. 101902
Aoyagi, R. *see* Tanaka, H. 84715
Aoyagi, T. *see* Ishimura, E. 78743
Aoyagi, T. *see* Kikuchi, M. 106704
Aoyagi, T. *see* Momose, S. 115762
Aoyagi, T. *see* Ninomiya 64569
Aoyagi, T. *see* Takimoto, Y. 87750
Aoyagi, T. *see* Watanabe, H. 65356
Aoyagi, T. *see* Watanabe, H. 68413
Aoyagi, Y. *see* Bird, J.P. 62928
Aoyagi, Y. *see* Bird, J.P. 74384
Aoyagi, Y. *see* Bird, J.P. 114782
Aoyagi, Y. *see* Hirayama, H. 96274
Aoyagi, Y. *see* Hofmann, H.F. 74673
Aoyagi, Y. *see* Komuro, S. 94282
Aoyagi, Y. *see* Lee, J.-S. 61180
Aoyagi, Y. *see* Meguro, T. 113342
Aoyagi, Y. *see* Ochiai, Y. 62840
Aoyagi, Y. *see* O'Keeffe, P. 94789
Aoyagi, Y. *see* Schoenfeld, O. 63047
Aoyagi, Y. *see* Xinwei Zhao 94534
Aoyagi, Y. *see* Zhang Suian 103862
Aoyama, E., Hirogaki, T., Inoue, H., Gunjima, M., Nobe, H., Kitahara, Y., Katayama, T. Study on drilled hole quality in small diameter drilling of GFRP [PWB] 62486
Aoyama, E., Hirogaki, T., Inoue, H., Nobe, H., Gunjima, M., Kitahara, Y., Katayama, T. Improvement in hole quality at laser drilling of GFRP 62487
Aoyama, H., Yamazaki, K., Sawabe, M. Optical sensor for detecting a position and an inclination 110358
Aoyama, H. *see* Iwata, F. 69514
Aoyama, K. *see* Furumochi, K. 73356
Aoyama, K. *see* Kurokawa, M. 77536

Aoyama, M., Ogawa, K., Matsuyama, T. Performance evaluation of parallel object recognition on RTA/1 87098
Aoyama, M. *see* Gong, X.Y. 92751
Aoyama, M. *see* Kojiri, H. 63453
Aoyama, M. *see* Murakami, M. 68466
Aoyama, M. *see* Yamaguchi, T. 105539
Aoyama, M. *see* Yamakawa, K. 107187
Aoyama, N. *see* Shinohara, K. 121183
Aoyama, R. *see* Hyodo, H. 69941
Aoyama, S. *see* Ma, W. 103019
Aoyama, S. *see* Takeo, T. 88843
Aoyama, T. Media Tower 87906
Aoyama, T., Goto, K.-I., Yamazaki, T., Ito, T. Silicon (001) surface after annealing in hydrogen ambient 114931
Aoyama, T., Ogawa, K., Mochizuki, Y., Konishi, N. Inverse staggered poly-Si and amorphous Si double structure TFT's for LCD panels with peripheral driver circuits integration 63957
Aoyama, T., Yamazaki, T., Ito, T. Nonuniformities in chemical oxides on silicon surfaces formed during wet chemical cleaning 94771
Aoyama, T. *see* Isoshima, T. 85586
Aoyama, T. *see* Uesu, Y. 116193
Aozasa, M. *see* Umekawa, S. 64954
Apanasevich, P.A. *see* Vodchitz, A.I. 65473
Apanasevich, S.P. *see* Sinitsyn, G.V. 85725
Apanasovich, V.V., Pashkevich, V.V. A probabilistic model of the process of electron multiplication in an avalanche photodiode 106959
Apanovich, Y., Cottle, R., Lyumkis, E., Polsky, B., Shur, A., Blakey, P. 2D simulation of heterojunction devices including energy balance and lattice heating 63522
Aparasi, F. Hotelling's T^2 control chart with adaptive sample sizes 103489
Aparicio, M. *see* Gilbert, D. 87820
Aparicio Fernandes, J.C., Campos Neves, J.A. Textures in objects and images 97975
Aparin, G. *see* Ablameyko, S. 97931
Aparin, V. *see* Pollman, M.D. 90886
Aparin, V. *see* Pollman, M.D. 90893
Aparin, V. *see* Smuk, J. 99639
Aparisi, A., Fornes, V., Marquez, F., Moreno, R., Lopez, C., Meseguer, F. Synthesis and optical properties of CdS and Ge clusters in zeolite cages 62763
Aparna, C. *see* Walivadekar, V.N. 111949
Aparna, C.S., Kumar, S., Selvarajan, A. Suppression of the soliton frequency shifts by nonlinear pairing of pulses 116055
Apato, U. *see* Panda, G.R. 76442
Apeldoorn, G., Bourdarios, C., Buys, A., Dracos, M., Juillot, P., Kjaer, N., Toet, D.Z. Monitoring of the ageing of the DELPHI Barrel RICH MWPCs 69713
Apeldoorn, G.van *see* van Apeldoorn, G.
Apeldoorn, O. *see* Munk-Nielsen, S. 112093
Aperathitis, E., Kayiambaki, M., Foukaraki, V., Halkias, G., Panayotatos, P., Georgakilas, A. Heterojunction diodes nGaAs/pSi with ideal characteristics 115138
Aperathitis, E. *see* Ashenford, D.E. 81888
Apetz, R. Untersuchung der Elektrolumineszenz von SiGe/Si Heterostrukturen (Electroluminescence study of SiGe/Si heterostructures) 94467
Aphecetche, L. *see* Matulewicz, T. 110596
Apides, R. *see* Dakuginow, S. 82262
Apletalin, V.N. *see* Shevchenko, V.G. 104199
Aplin, G.F. *see* Ford, J.E. 95642
Aplin, G.F. *see* Krishnamoorthy, A.V. 65002
Apollonov, V.V., Chetkin, S.A., Nikol'skii, M.Yu., Sherbakov, I.A. YSGG:Cr:Nd laser with adaptive resonator 107405
Apollonov, V.V., Gribenyukov, A.I., Korotkova, V.V., Suzdal'tsev, A.G., Shakir, Yu.A. Subtraction of the CO_2 laser radiation frequencies in a $ZnGeP_2$ crystal 85576
Apostol, I., Stoian, R. Pulsed-laser deposition of thin-film process characterization by optical spectroscopy 72948
Apostolakis, P.J. *see* Feng, M. 63788
Apostolas, C., Tafazolli, R., Evans, B.G. Wireless ATM LAN 87852
Apostolellis, J., Dwolatzky, B., Meyer, A.S. Facility location optimization in electrical distribution design 102082
Apostolova, R.D. *see* Shembel, E.M. 112175
Apostolova, R.D. *see* Shembel, E.M. 112235
Apotovsky, B.A. *see* Macri, J.R. 80155
Apotovsky, B.A. *see* Macri, J.R. 101024
Apotovsky, B.A. *see* Marks, D.G. 80353
Apotovsky, B.A. *see* Marks, D.G. 101240
Appartaim, R.K. *see* Greenly, J.B. 69700
Appasamy, B. *see* Toschek, P.E. 119517
Appel, J. What type of concept for future very long-range surveillance radar? 68581
Appel, W. *see* Dudek, V. 84446
Appel, W. *see* Dudek, V. 106031
Appelbaum, J. *see* Scheiman, D.A. 70413
Appenzeller, G., Crowley, J.L. Experimental evaluation of vision systems and automatic parameter control 86711
Appenzeller, J. Quantentransistor im zweidimensionalen Elektronengas hoher Beweglichkeit (Quantum transistor in the two-dimensional electron gas of high mobility) 63818
Appenzeller, J., Schroer, Ch., Schapers, Th., van der Hart, A., Forster, A., Lengeler, B., Luth, H. Electron interference in a T-shaped quantum transistor based on Schottky-gate technology 63826
Appenzeller, J. *see* Uhlisch, D. 105455
Apperley, M.D. *see* Pearson, M.W. 113655
Appiani, E. *see* Addison, C. 87249
Appino, C., Bertotti, G., Bottauscio, O., Fiorillo, F., Tiberto, P., Binesti, D., Ducreux, J.P., Chiampi, M., Repetto, M. Power losses in thick steel laminations with hysteresis 64211
Apple, B.A., Tennant, M.H., Thomas, J.W., Jr. Review of hard copy systems for digital medical imaging 70031
Applebee, A. *see* Clayton, P. 77911
Appleby, A.J. Fuel cell technology: status and future prospects 91725
Appleby, A.J. Recent developments and applications of the polymer fuel cell 103118
Appleby, A.J. Recent developments in fuel cell materials 112318
Appleby, J.C., Toft, M. Electrical impedance tomography by finite elements using parameterisation of material structure 98185
Appleby, R. *see* Blanchard, P.M. 97362
Appleby, R. *see* Qi He Hong 77117
Appledorn, C.R. A new approach to the interpolation of sampled data 72580
Applegate, D.S. *see* Hodge, J.D. 70994
Appleton, P.N. *see* Basart, J.P. 73555
Appleton, S.S., Morton, S.V., Liebelt, M.J. Technique for high speed asynchronous pipeline control 113892
Apren, T.J. NCO – the next generation oscillator 73155
April, G.-E. *see* Ribeiro, E.R. 71509
April, G.-E. *see* Roy, G. 71470
Apruzese, J.P. *see* Terry, R.E. 65010
Apte, J.M. *see* Sayah, J.Y. 113638
Apte, P.P., Paranjpe, A., Pollack, G. Use of a TiN cap to attain low sheet resistance for scaled $TiSi_2$ on sub-half-micrometer polysilicon lines 115027
Apte, R. *see* Street, R.A. 100144
Aqiang Guo *see* Guo Aqiang
Aqui, D. *see* Borden, P. 60666
Aquino, C.A.S.de *see* de Aquino, C.A.S.
Ara, K., Kuroda, A., Kato, T., Okunuki, J., Hiraga, T., Ikeda, H. Graphics projectors PG-9200/PG-6200 69394
Ara, K. *see* Ebine, N. 110135
Ara, T., Akima, T., Oda, S. A method of predicting transient constants of synchronous machines 71271
Ara, T., Yamamoto, S., Asano, H., Oda, S. A method of calculating starting performance of PM motor 91501
Ara, T. *see* Yamamoto, S. 112441
Ara-Kato, N., Yase, K., Kawazu, A. Epitaxial growth of TTF films on alkali halides 72811
Arabhya, S. *see* Karunakara, K. 71012
Arabi, K., Kaminska, B. Oscillation-test strategy for analog and mixed-signal integrated circuits 104717
Arabi, K. *see* Ehsanian, M. 104624
Arabi, T., Lewis, D. PLD integrates dedicated high-speed data buffering, complex state machine, and fast decode array 61755
Arabia, M., Pistella, F. Application of a mechanical filter to an artificial heart 80479
Arabjan, Ch. *see* Schrom, G. 108260
Arabshahi, P. *see* Smith, B.J. 120354
Arabski, J. *see* Hehn, M. 64271
Aracil, J. *see* Gordillo, F. 101835
Arad, U. *see* Borenstain, S.I. 79421
Aradhya, R.S., Subash, S., Meera, K.S. Evaluation of switching concerns related to shunt capacitor bank installations 111440
Aradhya, R.S.Shivakumara *see* Shivakumara Aradhya, R.S.
Arafa, B.A., Hamed, M., Sedeek, A., Gendy, O.E., Yassein, I., Nosseir, A. Effect of desert conditions on the surface of polymer insulators 102201
Arafa, M., Fay, P., Ismail, K., Chu, J.O., Meyerson, B.S., Adesida, I. High performance submicron-gate SiGe p-type modulation-doped field-effect transistors 63780
Arafa, M., Fay, P., Ismail, K., Chu, J.O., Meyerson, B.S., Adesida, I. DC and RF performance of 0.25 μm p-type SiGe MODFET 106069
Aragane, J. *see* Koitabashi, M. 83722
Aragon, G. *see* Gonzalez, L. 113296
Aragones, J.M., Ahnert, C., Cabellos, O. Methods and performance of the three-dimensional pressurized water reactor core dynamics SIMTRAN on-line code 121310
Arahira, S., Matsui, Y., Ogawa, Y. Mode-locking at very high repetition rates more than terahertz in passively mode-locked distributed-Bragg-reflector laser diodes 76003
Arahira, S. *see* Hai-Feng Liu 116547
Arahira, S. *see* Kim, D.Y. 75973
Arai, A. *see* Kusunoki, H. 67098
Arai, A. *see* Matsukura, Y. 111656
Arai, A. *see* Sato, H. 111657
Arai, C. *see* Mori, T. 95389
Arai, F., Andou, D., Fukuda, T. Adhesion forces reduction for micro manipulation based on micro physics 74952
Arai, F., Nonoda, Y., Fukuda, T., Oota, T. New force measurement and micro grasping method using laser Raman spectrophotometer 89513
Arai, F., Nonoda, Y., Oota, T., Fukuda, T. Force measurement and control of micromanipulator–small force measurements by microscopic laser Raman spectrophotometer and microgripper design 110392
Arai, F., Tanimoto, M., Fukuda, T., Shimojima, K., Matsuura, H., Negoro, M. Distributed virtual environment for intravascular tele-surgery using multimedia telecommunication 67913
Arai, F. *see* Fukuda, T. 77302
Arai, F. *see* Guo, S. 90557
Arai, F. *see* Kotosaka, S. 109688
Arai, F. *see* Shuxiang Guo 70189
Arai, H. *see* Deguchi, K. 110665
Arai, H. *see* Eguchi, K. 81819
Arai, H. *see* Kuga, N. 76622
Arai, H. *see* Kuga, N. 108063
Arai, H. *see* Kuga, N. 117076
Arai, H. *see* Nakada, K. 108036
Arai, H. *see* Ohtsuka, H. 98923
Arai, H. *see* Tachibana, K. 81769
Arai, H. *see* Tsugai, M. 119611
Arai, H. *see* Tsukamoto, K. 108072
Arai, H. *see* Tsukamoto, K. 117071
Arai, I. *see* Kamozaki, K. 67977
Arai, J. *see* Takakura, M. 104249
Arai, K., Tateishi, H., Agatsuma, K. Preparation apparatus for continuously producing Nb_3Sn fiber-reinforced superconductors 95430
Arai, K., Yamamoto, M. Experimental demonstration of single peak IV characteristics in a novel resonant tunneling diode 105878
Arai, K. *see* Agatsuma, K. 95429
Arai, K. *see* Akazaki, T. 62898
Arai, K. *see* Aramaki, S. 64018
Arai, K. *see* Higuchi, N. 102606
Arai, K. *see* Hirota, A. 81362
Arai, K. *see* Ishimura, H. 83372
Arai, K. *see* Kaneko, S. 112168
Arai, K. *see* Nomura, H. 95572
Arai, K. *see* Oguro, S. 62691
Arai, K. *see* Okonogi, K. 63161
Arai, K. *see* Uchibori, M. 82010
Arai, K. *see* Yi-Hong Wu 63020
Arai, K.I. *see* Bi, X.F. 115571
Arai, K.I. *see* Hashi, S. 115580
Arai, K.I. *see* Honda, T. 64489
Arai, K.I. *see* Honda, T. 115870
Arai, K.I. *see* Ishiyama, K. 115482
Arai, K.I. *see* Kim, Y.H. 64466
Arai, K.I. *see* Yamashiro, Y. 64210
Arai, M., Binner, J.G.P., Cross, T.E. Comparison of techniques for measuring high-temperature microwave complex permittivity: measurements on an alumina/zirconia system 69462
Arai, M. *see* Makino, K. 101700
Arai, M. *see* Motokawa, M. 96985
Arai, M. *see* Nakamoto, M. 102516
Arai, M. *see* Tomita, N. 64580
Arai, N. *see* Atsumi, S. 73349
Arai, S. Quantum-wires and -boxes based on GaInAsP/InP and related materials for advanced semiconductor lasers 96420
Arai, S., Imanishi, A., Niki, K., Okada, M., Takeda, Y., Tojyo, E., Tokuda, N. First beam tests of the INS split coaxial RFQ for radioactive nuclei 79811
Arai, S. *see* Kojima, T. 107276
Arai, S. *see* Mochida, T. 121331
Arai, S. *see* Muranaka, N. 73315
Arai, S. *see* Shimatani, N. 114892
Arai, S. *see* Shin, K.-C. 65227
Arai, S. *see* Takahashi, C. 78489
Arai, S. *see* Takizawa, T. 63318
Arai, S. *see* Tamura, M. 63376
Arai, T. Development of applications for large LCD glass panel handling clean robot 63515
Arai, T., Nakamura, T., Shirai, H. Initial stage of microcrystalline silicon growth by plasma-enhanced chemical vapor deposition 113293
Arai, T., Shirai, H. Role of SiH_4 gas heating in the growth of hydrogenated microcrystalline silicon 72932
Arai, T., Shirai, H. Study of effect of SiH_4 gas heating during growth of hydrogenated microcrystalline silicon on SiO_2 by plasma-enhanced chemical-vapor deposition 113406
Arai, T., Yasuda, A., Tanezawa, I. Design of remote control system for automatic ship operation—design of remote experiment system using e-mail 87649
Arai, T. *see* Adachi, S. 114935
Arai, T. *see* Ichikawa, F. 106664
Arai, T. *see* Kikuchi, M. 80434
Arai, T. *see* Kobayashi, S. 64035
Arai, T. *see* Shirai, H. 92879
Arai, T. *see* Umeda, K. 77528
Arai, Y., Suzuki, S., Kotosaka, S., Asama, H., Kaetsu, H., Endo, I. Collision avoidance among multiple autonomous mobile robots using LOCISS (locally communicable infrared sensory system) 88529
Arai, Y. *see* Ando, Y. 110810
Arai, Y. *see* Hyodo, H. 69941
Arai, Y. *see* Ikeo, I. 102993
Arai, Y. *see* Shirasu, H. 90226
Arai, Y. *see* Shirasu, H. 100961

Arakaki, K. *see* Yen-Wei Chen 108624
Arakaki, M. *see* Hanyu, T. 73399
Arakaki, S. *see* Bossert, P.J. 92074
Arakane, T. *see* Matsuse, M. 92842
Arakawa, K. A median filter based on fuzzy rules 77502
Arakawa, K., Yamakawa, K., Koyama, M. Optimization of the nonlinear function of a neural net-type filter 117669
Arakawa, K. *see* Abreu, E. 77267
Arakawa, K. *see* Yanagihara, Y. 110146
Arakawa, M. *see* Furuhashi, T. 84598
Arakawa, N. *see* Asai, Y. 98751
Arakawa, N. *see* Asoh, J. 78104
Arakawa, N. *see* Otomo, K. 87455
Arakawa, S. *see* Shimizu, I. 117808
Arakawa, T., Matsumoto, R. Relationship between nitrogen profile and reliability of tunnel oxynitride films 95249
Arakawa, T., Matsumoto, R., Hayashi, T. Tunnel oxynitride film formation for highly reliable flash memory 93365
Arakawa, T. *see* Motokawa, M. 96985
Arakawa, T. *see* Takimoto, I. 104429
Arakawa, Y. *see* Norris, T.B. 116482
Arakawa, Y. *see* Schur, R. 107278
Arakawa, Y. *see* Sekine, N. 75689
Arakawa, Y. *see* Tanaka, T. 62918
Arakawa, Y. *see* Toda, Y. 94499
Arakelian, A.K., Hambaryan, A.K. Doppler-radar-radiometer method of near sea surface wind speed, long waves roughness degree, water and air temperatures determination 111267
Arakelian, A.K., Hambaryan, A.K. Combined radar and cross polarizational radiometer system for detection and identification of some anomalous formations originated on sea surface due to changes of long and short waves spectrum components 120829
Arakelian, A.K. *see* Arakelian, K.A. 111232
Arakelian, K.A., Arakelian, A.K. Radiometer system with cross-polarization and correlation of the channels of observation 111232
Arakelian, S.M. *see* Galstyan, T.V. 85721
Araki, H., Nagano, M., Yonezawa, Y., Kanie, H., Sano, M. Blue light emitting vacuum fluorescent display using Te-doped ZnS phosphor 89358
Araki, H. *see* Suzuki, H. 114579
Araki, H. *see* Yoshino, K. 82776
Araki, H. *see* Yoshino, K. 106650
Araki, K., Komaki, S. Theoretical analysis of synergistic effects using space diversity reception and adaptive equalization in digital radio systems 68076
Araki, K. *see* Arimoto, Y. 68382
Araki, K. *see* Arimoto, Y. 78838
Araki, K. *see* Mizuno, T. 97010
Araki, K. *see* Mizuno, T. 102629
Araki, K. *see* Mizuno, T. 110401
Araki, K. *see* Okamura, K. 98724
Araki, K. *see* Shikatani, M. 88466
Araki, K.-I. *see* Fujiwara, M. 69156
Araki, M., Koyama, H., Koshida, N. Fabrication and fundamental properties of an edge-emitting device with step-index porous silicon waveguide 64764
Araki, M., Koyama, H., Koshida, N. Precisely tuned emission from porous silicon vertical optical cavity in the visible region 116071
Araki, M. *see* Hara, S. 99233
Araki, N., Shinonaga, H. GES assignment method for ICO systems employing time-dependent service area 78613
Araki, N. *see* Hohkawa, K. 109330
Araki, N. *see* Kawata, K. 73884
Araki, N. *see* Komine, K. 84737
Araki, N. *see* Noda, K. 89755
Araki, S., Yakoya, N., Iwasa, H., Takemura, H. A new splitting active contour model based on crossing detection 86850
Araki, S. *see* Nagahori, T. 119217
Araki, S. *see* Sekiguchi, T. 119495
Araki, T., Misawa, H., Chikamori, K., Tohno, Y. A biological-sensor utilizing a living cell for environment monitoring in micro space 119743
Araki, T., Okabe, M. (Nd,Tb)-Fe-B thin film magnets prepared by magnetron sputtering 81498
Araki, T. *see* Ichikawa, Y. 109945
Araki, T. *see* Inoue, N. 105537
Araki, T. *see* Itami, S. 122075
Araki, T. *see* Kizu, T. 103650
Araki, T. *see* Miwa, M. 107678
Araki, T. *see* Okamoto, K. 118691
Araki, T. *see* Ota, H. 74949
Araki, T. *see* Tsugai, M. 119611
Araki, T. *see* Yasui, T. 96107
Araki, T. *see* Yokouchi, K.-I. 104066
Araki, Y. *see* Atsumi, S. 73349
Araki, Y. *see* Nakamoto, M. 102516
Araki, Y. *see* Takeda, K. 74737
Aram, F. *see* Tuttle, G.T. 75262
Aramaki, S., Kaneko, S., Arai, K., Takahashi, Y., Adachi, H., Yanagisawa, K. Tube type micro manipulator using shape memory alloy (SMA) 64018
Aramaki, S. *see* Kaneko, S. 112168
Aramaki, S. *see* Kubo, Y. 85621
Aramaki, T. *see* Murakami, H. 73300
Aramata, M. *see* Tamai, T. 62418
Aramata, M. *see* Tamai, T. 114365
Arambula-Cosio, F. *see* Harris, S.J. 90554
Aramini, S. *see* Renaux, D. 92319
Aranda, F.J. *see* Rao, D.V.G.L.N. 75646
Aranda, F.J. *see* Rao, D.V.G.L.N. 85679
Arandiga, F., Candela, V.E. Multiresolution standard form of a matrix 60988
Arandjelovic, V. *see* Milutinovic, N. 73136
Arandjelovic, V.D., Koturovic, A.M. The equivalence of digital rate meter algorithms 97724
Arandjelovic, V.D. *see* Kostic, S.B. 92350
Arango, H., Abreu, J.P.G. On the synthesis of heterophasic ideal transformers 102778
Aranha, N. *see* Barbosa, L.C. 116066
Aranha, N. *see* Reynoso, V.C.S. 74442
Arani, F., Coulton, P., Honary, B. Real-time channel evaluation combined with decoding and synchronisation 76766
Arani, F., Honary, B., Smietana, R. DSP implementation of a channel evaluation technique based on fuzzy logic and TCM 86190
Arani, F., Smietana, R., Honary, B. Real-time channel estimation using fuzzy logic 67495
Arao, T. *see* Okafuji, S. 64744
Arapov, D.A., Korolev, A.E., Blokh, D.A. Recording holograms in media with photosynthetic reaction centers at a wavelength of 785 nm 107620
Arapov, D.A. *see* Korolev, A.E. 96819
Arasawa, T. *see* Nii, K. 121111
Arasu, K.T., Pott, A. Impossibility of a certain cyclotomic equation with applications to difference sets 72476
Arat, V. Interconnect technology dictates architecture choices in FPGAs 61744
Arata, L.K., Pretorius, P.H., King, M.A. Correction of organ motion in SPECT using reprojection data 90448
Arata, M., Hamajima, T., Ohsaki, O., Hanawa, S. Radial stress influence on high current density superconducting magnet performance with large and small bore 95596
Arato, E. *see* Antonucci, V. 81867
Arau, J. *see* Rodriguez, E. 121722
Arau, J. *see* Sebastian, J. 121719
Araujo, A. *see* Carvalho, A. 81590
Araujo, A.E.A. *see* Miranda, G.C. 93672
Araujo, A.S. *see* Martins, A.P. 81588
Araujo, C.A.P.De *see* De Araujo, C.A.P.
Araujo, C.B.de *see* de Araujo, C.B.
Araujo, C.S., Benedetto-Neto, H., Campello, A.C., Segre, F.M., Wright, I.C. The utilization of product development methods: a survey of UK industry 112847
Araujo, D. *see* Bonard, J.-M. 74393
Araujo, F.M. *see* Okhotnikov, O.G. 88599
Araujo, G., Malik, S., Lee, M.T.-C. Using register-transfer paths in code generation for heterogeneous memory-register architectures 83157
Araujo, G.L. *see* Marti, A. 121899
Araujo, L.P.de *see* de Araujo, L.P.
Araujo, L.P.S. *see* Sequeira, C.A.C. 112199
Araujo, M.T.de *see* de Araujo, M.T.
Araujo, W.F. *see* Chavarria, P.A.C. 64066
Aravena, J.L., Guoxiang Gu Weighted least mean square design of 2-D FIR digital filters: the general case 117323
Aravena, J.L. *see* Venkatachalam, V. 66645
Aravind, R., Civanlar, M.R., Reibman, A.R. Packet loss resilience of MPEG-2 scalable video coding algorithms 117583
Aravinda Narayanan, R., Asokan, S., Kumar, A. Evidence concerning the effect of topology on electrical switching in chalcogenide network glasses 105196
Arayama, K. *see* Hirata, S. 67830
Arayathaitkul, K., Chen, W.D., Shi, R.F., Cai, Y.M., Garito, A.F. Time evolution of excited-state nonlinear optical processes in conjugated linear chains 96735
Arbel, A. Negative feedback revisited 104725
Arbel, A.F. *see* Magram, L. 62017
Arbel, T., Ferrie, F.P. Informative views and sequential recognition 67257
Arbique, G. *see* Fernando, J.L. 80259
Arbizzani, C., Mastragostino, M., Meneghello, L., Paraventi, R. Electronically conducting polymers and activated carbon: electrode materials in supercapacitor technology 73826
Arbogast, T. *see* Kovac, M. 103139
Arbolino, M.V. *see* Martin-Neira, M. 111184
Arbon, R.E. *see* Mincher, B.J. 120561
Arbore, M.A., Ming-Hsien Chou, Fejer, M.M. Difference frequency mixing in $LiNbO_3$ waveguides using an adiabatically tapered periodically-segmented coupling region 107523
Arbore, M.A. *see* Chou, M.H. 75544
Arbore, M.A. *see* Mahal, V. 96708
Arbuzov, V. *see* Gorniker, E. 100510
Arbuzov, V.A. *see* Dubnistchev, Yu.N. 119951
Arbuzov, V.L. *see* Davletshin, A.E. 88879
Arbuzov, Yu.D., Evdokimov, B.M., Milovanov, A.F., Strebkov, D.S., Tveryanovich, E.V., Teplyakov, D.I. Development of photovoltaic systems based on spectral decomposition of solar radiation and the use of different-kind photoconverters 81871
Arca, G., Ciucci, A., Palleschi, V., Rastelli, S., Tognoni, E. Detection of pollutants in liquids by laser induced breakdown spectroscopy technique 111305
Arcasoy, C.C. The α-β-Γ tracking filter with a noisy jerk as the maneuver model: frequency domain solution 97678
Arce, G.R., Mu Tian Order statistic filter banks 76938
Arce, G.R. *see* Heredia, E.A. 76975
Arce, G.R. *see* Heredia, E.A. 108101
Arce, G.R. *see* Muller, M. 101134
Arcelli, C., Cordella, L.P., De Floriani, L. Looking for visual primitives 67399
Arcelli, C., Ramella, G., Serino, L. Intensity driven detection of parts in gray-tone patterns 108635
Arcelli, C. *see* Abe, K. 117602
Arcelli, C. *see* Ablameyko, S. 86562
Arceo, J. *see* Yun, K.Y. 113909
Arcesi, B. *see* Acciarri, M. 120165
Arch, D.K. *see* Akinwande, A.I. 79624
Arch, J. *see* Ahrenkiel, R.K. 94290
Archambeault, B. Modeling real-world EMI/EMC situations 97182
Archana, S.N. *see* Njoku, P.C. 110743
Archer, J. *see* Howson, P.A. 81166
Archer, M.D., Bolton, J.R., Siklos, S.T.C. A review of analytic solutions for a model p-n junction cell under low-injection conditions 74327
Archer, P.J., Horrell, J.M., Enight, A., Inggs, M.R. Implementation of a Transputer based Quick Look Processor for an airborne SAR 119285
Archut, A. *see* Kiessling, J. 110924
Arcidiacono, A. Multimedia services and data broadcasting via satellite 119097
Arcidiacono, F. Flexible solutions for microelectronics 60767
Arcioni, P. Fast evaluation of modal coupling coefficients of waveguide step discontinuities 65967
Arcioni, P. *see* Conciauro, G. 93693
Arciprete, F. *see* Balzarotti, A. 120138
Arco, A. *see* Kang, S.X. 94854
Arcos, J.L.Los *see* Los Arcos, J.L.
Arcoumanis, C., Fairbrother, R.J., Gavaises, M., Flora, H., French, B. Development and validation of a computer simulation model for diesel fuel injection systems 81980
Arcovito, G. *see* Piermattei, A. 80516
Ardebili, R. *see* Manifacier, J.C. 105844
Ardebili, V.S., Sinclair, A.N. A new angular spectrum approach for modelling the acoustic microscope response with high attenuation coupling fluids 111373
Ardehali, M. Quantum cryptography based on Wheeler's delayed choice experiment 97465
Ardeishar, R. *see* Chavan, A.V. 114144
Ardel, G. *see* Peled, E. 81694
Ardel, G. *see* Peled, E. 112294
Ardelean, J., Hrisoho, A., Truong, K., Manfredi, P.F., Speziali, V., Svelto, F., Citterio, M. Preamplifiers for room temperature and cryogenic calorimetry applications based on DMILL technology 100916
Ardelean, J. *see* Dentan, M. 90222
Ardelean, J. *see* Dentan, M. 95214
Ardemagni, C. *see* Volta, E. 99869
Ardis, M., Kenney, R.B. Capacitive-type moisture sensors 69064
Ardisson, J.D. *see* Gama, S. 75103
Arditi, A., Knoblauch, K. Choosing effective display colors for the partially sighted 89366
Ardito, M., Barbero, M., Stroppiana, M., Visca, M. Compression and quality [TV/HDTV] 68868
Ardizzone, E., Molinelli, D., Pirrone, R. A fast and robust BCS application to the stereo vision 117867
Ardonceau, J. *see* Amiranoff, F. 89645
Arduini, D.P. A distributed power system with a low-cost universal DC/DC converter 82918
Arduini, D.P. A DC/DC converter using a PWM/LDO "hybrid" for low voltage power solutions 82920
Arduini, G. *see* Agosteo, S. 90649
Area, F., Rengarajan, S.R., Vieiro, A., Botha, E., Moreno, E. Improved results for planar arrays in space communication applications 97371
Arecchi, F.T. *see* Residori, S. 85111
Aredes, M., Hafner, J., Heumann, K. A combined series and shunt active power filter 91144
Aredes, M., Heumann, K. An advanced unified power flow controller 120994
Aredes, M. *see* Hafner, J. 91143
Areed, F. *see* ElKonyaly, E.H. 88683
Arefeen, M.S. *see* Shireen, W. 112118
Arefeen, M.S. *see* Toliyat, H.A. 102689
Aref'ev, V.A. *see* Aleev, A.N. 120186
Arefiev, A., Bencze, G.L., Bizzeti, A., Choumilov, E., Civinini, C., Dalla Santa, F., D'Alessandro, R., Ferrando, A., Fouz, M.C., Herve, A., Iglesias, A., Ivochkin, V., Josa, M.I., Maggi, F., Malinin, A., Meschini, M., Pojidaev, V., Radermacher, E., Salicio, J.M. Electron beam test of an iron/gas calorimeter based on ceramic parallel plate chambers 100805
Arefiev, A., Bencze, Gy.L., Bizzeti, A., Choumilov, E., Civinini, C., Dajko, G., D'Alessandro, R., Fenyvesi, A., Ferrando, A., Fouz, M.C., Iglesias, A., Ivochkin, V., Josa, M.I., Malinin, A., Meschini, M., Molnar, J., Pojidaev, V., Salicio, J.M., Tanko, L., Vesztergombi, G. First results on irradiation of ceramic parallel plate chambers with gammas and neutrons 69787
Arefyev, A.S., Vereschagin, N.M. Matching of laser tube with impulse power supply 107093

Areibi, S., Vannelli, A. Advanced search techniques for circuit partitioning 93071
Arekat, S. *see* Al-Dallal, S. 72885
Arekat, S. *see* Al-Dallal, S. 92900
Arekat, S. *see* Brogueira, P. 72882
Arena, P., Baglio, S., Fortuna, L., Manganaro, G. Generation of n-double scrolls via cellular neural networks 82901
Arena, P., Baglio, S., Fortuna, L., Manganaro, G. How state controlled CNN cells generate the dynamics of the Colpitts-like oscillator 83286
Arena, V., Boca, G., Bonomi, G., Gerard, G., Gianini, G., Marchesotti, M., Merlo, M., Ratti, S.P., Riccardi, C., Viola, L., Vitulo, P., Buchholz, D., Claes, D., O'Reilly, B. Neural network based neutral particles reconstruction with the E687 hadron calorimeter 90171
Arenberg, J.W. Accuracy and precision of laser damage measurements made via binary search techniques 107453
Arend, L. Mean luminance affects brightness contrast 87213
Arend, L. Fusion of unnatural images 89173
Arend, L., Lubin, J., Gille, J., Larimer, J. Color breakup in sequentially scanned LCDs 89284
Arend, M.F., Dennis, M.L., Duling, I.N., III, Golovchenko, E.A., Pilipetskii, A.N., Menyuk, C.R. Simulations of a nonlinear optical loop mirror demultiplexer using random birefringence fiber 75498
Arend, M.F. *see* Dennis, M.L. 78936
Arend, M.F. *see* Dennis, M.L. 88504
Arendale, D., Chastain, M. Synchronizing variable frequency drives for on-line transfer 91988
Arendt, P.N. *see* Findikoglu, A.T. 106644
Arengo, D.M., Berney, R.L., Bajpai, P.K. A simple computer interface for studying smooth muscle physiology 69914
Arenholz, E. *see* Himmelbauer, M. 104183
Arens-Fischer, R. *see* Frotscher, U. 94250
Arens-Fischer, R. *see* Hilbrich, S. 94302
Arens-Fischer, R. *see* Krueger, M. 94804
Arens-Fischer, R. *see* Loni, A. 95742
Arens-Fischer, R. *see* Ronkel, F. 94576
Arens-Fischer, R. *see* Thoenissen, M. 94246
Arensburg, A., Abramovich, A., Chairman, D., Cohen, M., Draznin, M., Gover, A., Kleinman, H., Pinhasi, Y., Sokolowski, J.S., Shterngartz, V., Yakover, I.M., Levin, L.A., Shahal, O., Rosenberg, A., Shiloh, J., Schnitzer, I. Diagnostics and electron-optics of a high current electron beam in the Tandem free electron laser–status report 96443
Arenson, R.L. *see* Huang, H.K. 111013
Arentsen, M.J., Kunneke, R.W. Economic organization and liberalization of the electricity industry 101781
Ares, F., Moreno, E., Rengarajan, S.R. Optimization of aperture distributions for sum patterns 66008
Ares, F., Rengarajan, S.R., Lence, J.A.F., Trastoy, A., Moreno, E. Synthesis of antenna patterns of circular arc arrays 117059
Ares, F., Rengarajan, S.R., Moreno, E. An improved planar array pattern synthesis for space communication applications 76646
Ares, F., Rengarajan, S.R., Moreno, E. Remarks on comparison between real and power optimisation methods for arrays synthesis of antennas 97354
Ares, F., Vieiro, A., Moreno, E., Rengarajan, S.R. Optimization of aperture distributions for difference patterns 76663
Ares, L. *see* Getino, J. 119770
Arestova, E.L. *see* Ter-Mikirtychev, V.V. 116442
Arestova, M.L., Bykovsky, A.Yu. Possibilities for optoelectronic parallel image processing based on principles of multiple-valued logic 75640
Arfelli, F., Barbiellini, G., Bonvicini, V., Bravin, A., Cantatore, G., Castelli, E., Dalla Palma, L., Di Michiel, M., Longo, R., Olivo, A., Pani, S., Pontoni, D., Poropat, P., Prest, M., Rosei, R., Sessa, M., Tromba, G., Vacchi, A. Digital mammography at the Trieste synchrotron light source 90367
Arfelli, F., Barbiellini, G., Bonvicini, V., Bravin, A., Cantatore, G., Castelli, E., Dalla Palma, L., Di Michiel, M., Longo, R., Olivo, A., Pani, S., Pontoni, D., Poropat, P., Prest, M., Rosei, R., Sessa, M., Tromba, G., Vacchi, A. Digital mammography at the Trieste synchrotron light source 90432
Arfelli, F., Barbiellini, G., Bonvicini, V., Cantatore, G., Castelli, E., Di Michiel, M., Longo, R., Olivo, A., Poropat, P., Prest, M., Tomasini, F., Tromba, G., Vacchi, A., Zampa, N. New developments in the field of silicon detectors for digital radiology 110579
Argabright, V. *see* Joseph, C.L. 79528
Argall, P.S., Jacka, F. High-pulse-repetition-frequency lidar system using a single telescope for transmission and reception 80638
Argast, J.D. *see* Waagen, D.E. 66497
Argaut, P. *see* Joulie, R. 91202
Argenti, F., Cappellini, V., Sciorpes, A., Venetsanopoulos, A.N. Design of IIR linear-phase QMF banks based on complex allpass sections 66823
Argenti, F. *see* Alparone, L. 67117
Argento, C.W., Joshi, Y.K., Osterman, M.D. Forced convection air-cooling of a commercial electronic chassis: an experimental and computational case study 72291
Argiriou, A. *see* Papadopoulos, K.H. 110457
Argiriou, A. *see* Santamouris, M. 122090
Argiro, V. *see* Rubin, G.D. 90324
Arguel, P. *see* Bennefont, S. 96291
Arguelles, J. *see* Bracho, S. 93611
Arguello, F. *see* Boo, M. 108166
Argyrakis, J. *see* Gorski, A. 89792
Argyri, I. *see* Christopoulos, C. 65873
Argyropoulos, Y., Kumar, S.P.R. Resource allocation in urban micro-cellular systems 99205
Arhipov, G.G. *see* Zakharov, V.V. 112192
Ariake, J., Honda, N., Keitoku, T., Ouchi, K., Iwasaki, S.I. Nb addition to Co-Cr media for perpendicular magnetic recording 106526
Ariake, J. *see* Honda, N. 104159
Arianer, J. *see* Cohen, S. 120117
Ariante, M., Matrone, A., Petrillo, E., Bonzi, A., Fabbricatore, P., Galbiati, M., Priano, C., Rossi, L., Sciutti, A. Characteristics of coils wound with mono and multifilamentary Bi-2212/Ag from 4 to 80 K 95405
Arias, A. *see* Arias, J. 121659
Arias, A.C. *see* Hummelgen, I.A. 64969
Arias, J., Arias, A., Gomariz, S., Guinjoan, F. Generating design rules for buck converter-based fuzzy controllers 121659
Arias, J. *see* Esquivias, I. 107229
Arias, J.M. *see* Motamedi, M.E. 100116
Arias A., A.M., Lorenzo R., M.E., Garcia-Pino, A. A novel fast algorithm for physical optics analysis of single and dual reflector antennas 66074
Ariaudo, M. *see* Breuil, N. 75693
Arichandran, K. *see* Yilong Lu 70272
Arico, A.S., Creti, P., Giordano, N., Antonucci, V., Antonucci, P.L., Chuvilin, A. Chemical and morphological characterization of a direct methanol fuel cell based on a quaternary Pt-Ru-Sn-W/C anode 121873
Aridhi, S., Despins, C.L. Performance analysis of type-I and type-II hybrid ARQ protocols using concatenated codes in a DS-CDMA Rayleigh fading channel 68287
Arie, A. *see* Inbar, E. 96168
Arie, A. *see* Inbar, E. 96171
Arie, A. *see* Mahal, V. 85779
Arie, A. *see* Mahal, V. 96708
Ariel, V., Garber, V., Bahir, G., Krishnamurthy, S., Sher, A. Monitoring HgCdTe layer uniformity by the differential absorption technique 110369
Arieli, Y. *see* Noach, S. 95910
Arieto Bertolin, J., Arieto Bertolin, T. Advanced problems in the control of access to telematic systems 118258
Arieto Bertolin, T. *see* Arieto Bertolin, J. 118258
Ariga, Y. *see* Taniguchi, H. 102632
Arii, K. *see* Ihori, H. 110312
Arii, K. *see* Kitani, I. 64107
Arii, K. *see* Kitani, I. 64134
Arii, K. *see* Mukai, M. 64056
Arii, K. *see* Takechi, K. 74995
Arijon, I.M., Farrell, P.G. Performance of an OFDM system in frequency selective channels using Reed-Solomon coding schemes 77627
Arikan, E. An inequality on guessing and its application to sequential decoding 66373
Arikan, E. *see* Akar, N. 72430
Arikan, O. *see* Bozkurt, A. 111390
Arikan, O. *see* Ozaktas, H.M. 108308
Arikan, Y., Kilic, C. A multiobjective approach to energy environment planning problem 121079
Arikawa, Y. *see* Ikebukuro, K. 110236
Arikawa, Y. *see* Tanaka, K. 76118
Ariki, Y., Ishikawa, N., Sugiyama, Y. Extraction and recognition of facial regions by subspace method 87134
Arima, H., Maehata, K., Ishibashi, K. Simple analytical method for calculating the field integral of general permanent multipole magnets 106625
Arima, H., Tohuama, I., Itoh, M., Yatagai, T., Mori, M. Lenslet array interfacing for optical neural network image processor 86993
Arima, H. *see* Koshio, T. 79035
Arima, Y. *see* Kondo, Y. 73593
Arimichi, H. *see* Amada, H. 109191
Arimondo, E. *see* Ceresara, L. 92907
Arimoto, H., Kamata, T., Hashimoto, K. Electron shading effect during plasma process 94794
Arimoto, H. *see* Kamata, T. 105627
Arimoto, K. *see* Kuge, S. 61900
Arimoto, K. *see* Kuge, S. 93382
Arimoto, K. *see* Nitta, Y. 73370
Arimoto, K. *see* Tomishima, S. 93363
Arimoto, K. *see* Tsukude, M. 73326
Arimoto, K. *see* Tsukude, M. 104538
Arimoto, K. *see* Tsuruda, T. 113977
Arimoto, K. *see* Yamaguchi, Y. 93358
Arimoto, K. *see* Yonezawa, H. 80893
Arimoto, S., Mihara, K., Ohkawa, T., Komoda, N., Miyasaka, F. Real-time stochastic qualitative simulation of large scale air conditioning systems 71923
Arimoto, S., Nakayama, T. Another language for describing motions of mechatronics systems: a nonlinear position-dependent circuit theory 73081
Arimoto, T. *see* Hayakawa, Y. 120552
Arimoto, Y., Okazawa, H., Shikatani, M., Takahashi, T., Toyoda, M., Toyoshima, M., Araki, K. Laser communication experiment using ETS-VI satellite 68382
Arimoto, Y., Okazawa, H., Shikatani, M., Takahashi, T., Toyoda, M., Toyoshima, M., Araki, K. Laser communication experiment using ETS-VI satellite 78838
Arimoto, Y. *see* Tanaka, M. 97363
Arimura, H., Ikari, T., Okamoto, M., Nakamori, N., Kanamori, H., Kubota, H., Matsumoto, M., Takigawa, A. X-ray tube voltage dependence of Wiener spectra of quantum mottle obtained by determining detective quantum efficiencies of a screen 80216
Arimura, H. *see* Nagata, Y. 80455
Arimura, T. *see* Kurosawa, S. 79575
Arinaga, K., Ozaki, K., Sudo, G., Kajihara, N. Evaluation of HgCdTe using laser beam induced current 72330
Arinaga, M. *see* Kozawa, T. 89681
Arinkin, F.M., Batyrbekov, G.A., Gizatulin, Sh.Kh., Tananov, S.V., Marin, S.N., Pupko, V.J., Shesterkin, A.G. Inquiry of questions to provide safety for transport nuclear power systems 111060
Arioka, M. *see* Sato, T. 102898
Arioli, M., Fassino, C. Roundoff error analysis of algorithms based on Krylov subspace methods 61010
Ariponnammal, S., Jayavel, B., Natarajan, S. High pressure electrical resistivity study on orthorhombic SnTe$_{1-x}$Se$_x$ 114664
Arisawa, T. *see* Maruyama, Y. 75822
Arisawa, T. *see* Sugiyama, A. 75823
Aristei, F. *see* Capece, P. 66179
Aristone, F. *see* Gassot, P. 62974
Aristov, V., Mitrokhin, V. Surface anisotropy stimulation of the electrooptical effects in S$_A$ phase liquid crystals 106876
Aristov, V.Y., Le Lay, G., Grehk, M., Zhilin, V.M., Taleb-Ibrahimi, A., Indlekofer, G., Soukiassian, P. Cesium-induced quantized 2D electron channel on the InAs(110) surface 114810
Aristova, E. *see* Souvorov, A. 64866
Arita, H. *see* Kimura, Y. 61463
Arita, I. *see* Sasaki, I. 89292
Arita, I. *see* Takayama, J. 78757
Arita, Y. *see* Awaya, N. 84202
Arita, Y. *see* Awaya, N. 95175
Arita, Y. *see* Ino, M. 73249
Arita, Y. *see* Kozu, J. 115758
Arita, Y. *see* Medaule, D. 84380
Aritaka, N., Ito, K., Nihei, M. ATM multimedia system for private network 98856
Aritome, S. *see* Hemink, G.J. 93392
Aritome, S. *see* Iizuka, H. 93367
Aritsuka, T. *see* Nejime, Y. 80486
Ariyama, K. *see* Toyoshima, H. 113933
Ariyasu, T. *see* Matsushima, K. 107135
Ariyavisitakul, S., Darcie, T.E., Greenstein, L.J., Phillips, M.R., Shankaranarayanan, N.K. Performance of simulcast wireless techniques for personal communication systems 68079
Ariyavisitakul, S., Darcie, T.E., Greenstein, L.J., Phillips, M.R., Shankaranarayanan, N.K. Performance of simulcast wireless techniques for personal communication systems 68193
Ariyavisitakul, S. *see* Li Fung Chang 78543
Ariyavisitakul, S. *see* Shankaranarayanan, N.K. 78249
Ariyawansa, K.A., Lau, D.T.M. A numerical evaluation of some collinear scaling algorithms for unconstrained minimization 72538
Ariyoshi, H. *see* Abe, M. 76810
Ariyoshi, H. *see* Ishii, Y. 68747
Ariyoshi, H. *see* Onoye, T. 113979
Ariyoshi, M., Sasase, I. Trellis coded modulation using partially overlapped signal sets of non-equiprobable signaling 117139
Arizon, P. *see* Pesse, G. 103193
Arizpe-Chavez, H. *see* Ramirez-Bon, R. 74139
Arjyal, B., Paipetis, A., Galiotis, C. Stress/strain measurements in advanced composites using remote laser Raman microscopy 79727
Arkadan, A.A., Shehadeh, H.H., Brown, R.H., Demerdash, N.A. Effects of chopping on core losses and inductance profiles of SRM drives 103093
Arkadan, A.A., Subramaniam-Sivanesan, S., Demerdash, N.A.O. Shape optimization of PM devices using constrained gradient based inverse problem methodology 64478
Arkadan, A.A., Subramaniam-Sivanesan, S., Hoole, S.R.H., Samudra, G. Miniaturization of an electron device using inverse problem methodology 63732
Arkadan, A.A., VanderHeiden, M.J., Brauer, J.R. The coupled problem in electromagnetic AC contactors 107799
Arkadan, A.A., VanderHeiden, R.H., Defenbaugh, J.F. Effects of forced power transfer on high speed generator-load systems 81392
Arkadan, A.A. *see* Brauer, J.R. 71610
Arkadan, A.A. *see* Lenhardt, B.M. 107800
Arkad'ev, B.A. *see* Zaitsev, M.V. 71142
Arkad'ev, V.Yu., Tsokurenko, A.A. Parameters of short-circuited thermoelectric motor with current-generating p-n couple 71367
Arkas, N. Frequency modulated time encoding (FMTE) 97751
Arkhangel'skii, V.A., Dabagov, A.R., Maiorets, A.A. Obraz medical magnetic-resonance tomographs 120331
Arkhipenko, Yu.K., Krasil'nikov, V.N. Time-dependent electromagnetic perturbations in a magnetized plasma with relaxing conductivity 107850

Arkhipov, I.I., Spitsyn, B.V., Gorodetsky, A.E., Zakharov, A.P., Popovici, G., Sung, T., Prelas, M.A., Khasawinah, S. Thermal desorption study of bonded hydrogen in diamond films 62684
Arkhipov, V.I., Bassler, H. Charge carrier transport in diluted hopping systems 94433
Arkhipov, V.I. *see* Khramtchenkov, D.V. 85310
Arkin, R.C. *see* Santamaria, J.C. 86312
Arkkio, A. *see* Luomi, J. 91909
Arkwright, J.W., Elango, P., Whitbread, T., Atkins, G.R. Broad-band resonant nonlinearities observed in ytterbium doped fibre 75459
Arkwright, J.W., Hewlett, S.J., Atkins, G.R., Bin Wu High-isolation demultiplexing in bend-tuned twin-core fiber 88540
Arkwright, J.W. *see* Elango, P. 88608
Arlabosse, F. ARCHON and its environment 70706
Arlandis, J. Information highways: The European flavour 77821
Arlitt, M.F., Williamson, C.L. Web server workload characterization: the search for invariants 77733
Arlt, G. Ferroelastic domain walls as powerful shear wave emitters at microwaves 111384
Arm, C. *see* Piguet, C. 113967
Arman, M.J. Radial acceletron, a new low-impedance HPM source 105021
Arman, M.J. *see* Hendricks, K.J. 62592
Arman, M.J. *see* Spencer, T.A. 62633
Armandillo, E. Low temperature electronics for space applications 95477
Armani-Leplingard, F., Kingston, J.J., Fork, D.K. Second harmonic generation in LiTaO$_3$ thin films by modal dispersion and quasi phase matching 76152
Armani-Leplingard, F. *see* Fork, D.K. 116073
Armani-Leplingard, F. *see* Kingston, J.J. 96718
Armaroli, D., Liberali, V., Vacchi, C. Behavioural analysis of charge-pump PLL's 93187
Armbrecht, T. *see* Kruger, B. 74500
Armelles, G. *see* Castrillo, P. 62972
Armelles, G. *see* Sendra, J.R. 74150
Armelles, G. *see* Utzmeier, T. 61293
Armen, C., Stein, C. A 2 2/3-approximation algorithm for the shortest superstring problem 97526
Armendariz, M.G. *see* Fritz, I.J. 116109
Armendariz, M.G. *see* Kravitz, S.H. 116017
Armengaud, L., Lalande, M., Jecko, B., Breuil, N., Barthelemy, A., Cuzin, M. Electromagnetic analysis of optoelectronic devices applied to the study of a sampler and an autocorrelator 96047
Armenise, M.N. *see* Passaro, V.M. 95886
Armenise, M.N. *see* Passaro, V.M.N. 85160
Armenise, M.N. *see* Passaro, V.M.N. 116089
Armenise, M.N. *see* Savatinova, I. 95734
Armerding, W., Spiekermann, M., Walter, J., Comes, F.J. Multipass optical absorption spectroscopy: a fast-scanning laser spectrometer for the in situ determination of atmospheric trace-gas components, in particular OH 111219
Armes, D.J. *see* Kashuap, R. 75503
Armes, D.J. *see* Kashyap, R. 85024
Armes, D.J. *see* Kashyap, R. 106790
Armiento, C. *see* Haugsjaa, P. 72296
Armiento, C.A. *see* Yap, D. 85344
Armigliato, A. *see* Balboni, R. 62811
Armigliato, A. *see* Revenant-Brizard, C. 83811
Armingol, J.M. *see* de la Escalera, A. 100313
Armitage, A.D. *see* Hatfield, J.V. 101093
Armitage, D. Design issues in liquid-crystal projection displays 89220
Armitage, J.C. *see* Dixit, M.S. 101308
Armitano, R., Schafer, R.W., Kitson, F.L., Bhaskaran, V. Linear predictive coding of motion vectors 87216
Armitano, R.M., Schafer, R.W., Kitson, F.L., Bhaskaran, V. Motion vector estimation using spatio-temporal prediction and its application to video coding 86576
Armour, B. *see* van der Kooij, M.W.A. 111080
Armour, E. *see* Thompson, A.G. 92761
Arms, J.-C. Design concept for an optimised process control system for railways 122015
Armstrong, A.J. *see* Tuttle, G.T. 75262
Armstrong, A.R., Bruce, P.G. Synthesis of layered LiMnO$_2$ as an electrode for rechargeable lithium batteries 102957
Armstrong, B.M. *see* Bailey, P.T. 63158
Armstrong, B.M. *see* Fusco, V.F. 93934
Armstrong, B.M. *see* Goh, W.L. 63460
Armstrong, B.M. *see* Hu, Z.R. 83297
Armstrong, B.M. *see* Montgomery, J.H. 82718
Armstrong, B.M. *see* Parkes, C. 84063
Armstrong, B.M. *see* Quinn, L.J. 63677
Armstrong, C. *see* Gallagher, D. 114525
Armstrong, C. *see* Groshart, G. 68044
Armstrong, C.M. *see* Barsanti, M.L. 62586
Armstrong, C.M. *see* Choi, J.J. 62615
Armstrong, C.M. *see* Whaley, D.R. 105076
Armstrong, C.W. Improving customer-supplier relationships, an outsider's view 61599
Armstrong, D.J., Alford, W.J., Raymond, T.D., Smith, A.V. Absolute measurement of the effective nonlinearities of KTP and BBO crystals by optical parametric amplification 65422
Armstrong, D.J. *see* Cinar, A. 88938
Armstrong, G.A., Brotherton, S.D., Ayres, J.R. A comparison of the kink effect in polysilicon thin film transistors and silicon on insulator transistors 95007
Armstrong, G.R., Packard, P.D. CMT and PtSi FLIR systems for EUCLID RTP 8.1 119735
Armstrong, J.A. University-industry relations: what do we do now? 103380
Armstrong, J.R. Wind turbine configurations 102540
Armstrong, M., Zisserman, A. Robust object tracking 86644
Armstrong, M., Zisserman, A., Hartley, R. Self-calibration from image triplets 67221
Armstrong, M.A. *see* Sadek, A. 94953
Armstrong, M.J., Atkins, D.R. Joint optimization of maintenance and inventory policies for a simple system 60527
Armstrong, R. *see* Carter, R. 109099
Armstrong, R.W. *see* Beard, W.T., Jr. 82303
Armstrong, S. *see* Sykes, F.E. 120519
Armstrong, T.R., Stevenson, J.W., Pederson, L.R., Raney, P.E. Instabilities in doped lanthanum chromite in reducing environments 81843
Armstrong, T.R. *see* Barr, R. 76420
Armstrong, T.R. *see* Stevenson, J.W. 81795
Arnand, S. *see* Shadaram, M. 100159
Arnason, A.N. *see* Dinzey, W. 77898
Arnason, K. *see* Benediktsson, J.A. 111091
Arnau, V. *see* Martinez-Verdu, F.M. 108574
Arnaud D'Avitaya, F. *see* Ladeveze, M. 82661
Arnaut, L.R., Davis, L.E. Complex chiral admittance of conducting multiturn helices embedded in a dielectrically lossy medium in the quasi-stationary approximation 97266
Arnaut, L.R., Davis, L.E. Novel 8-port polarimetric waveguide junction for characterisation of synthetic chiral media 100298
Arnavut, Z. Lossless compression using inversions on multiset permutations 86744
Arnavut, Z., Narumalani, S. Lossless compression of multispectral images using permutations 111121
Arnbak, J.C. Personal wireless systems: trends in mobile network technologies and regulation 99248
Arnborg, S., Andersson, G. On strategies for undervoltage load shedding in power systems 101955
Arnder, L.L., Shattuck, M.D., Black, R.D. Signal-to-noise ratio comparison between surface coils and implanted coils 70092
Arndt, D. *see* Deffner, G. 89395
Arndt, F. *see* Beyer, R. 62180
Arndt, F. *see* Boheim, M. 62305
Arndt, F. *see* Keller, R. 62198
Arndt, F. *see* Kuhn, A. 109438
Arndt, F. *see* Reiter, J.M. 108002
Arndt, F. *see* Ritter, J. 83312
Arndt, F. *see* Sieverding, T. 114216
Arndt, G.D. *see* Weinstein, R. 115967
Arndt, P. Situation and future of the accelerator combination and one-year operation of BECRIS at ISL-Berlin 79783
Arndt, S., Kraeft, W.D., Seidel, J. Two-particle energy spectrum in dense electron-hole plasmas 62666
Arndt, V., Mueller, H., Dopheide, D. Comparison measurements for selection of suitable photodetectors for use in Nd:YAG LDA systems 69570
Arnett, D. *see* Chambless, L.E. 90468
Arnett, N. Plugged In's epa.net project: low-income community networking 118444
Arnett, P.C. *see* Tang, Y. 64420
Arney, C.D. *see* Arney, J.S. 69530
Arney, J.S., Arney, C.D., Katsube, M., Engledrum, P.G. An MTF analysis of papers 69530
Arney, S.C. *see* Goossen, K.W. 84663
Arney, S.C. *see* Greywall, D.S. 63972
Arney, S.C. *see* Walker, J.A. 119197
Arnfield, M.R., Gaballa, H.E., Zwicker, R.D., Islam, Q., Schmidt-Ullrich, R. Radiation-induced light in optical fibers and plastic scintillators: application to brachytherapy dosimetry 80528
Arnlov, B. HVDC 2000–a new generation of high-voltage DC converter stations 70847
Arnlov, B. *see* Thorvaldsson, B. 70849
Arno, R.G. *see* Hollis, H.D. 72201
Arnodo, C., Tyc, S., Wyczisk, F., Brylinski, C. Nickel and molybdenum ohmic contacts on silicon carbide 105472
Arnofsky, S. *see* Foster, K.R. 70300
Arnold, C.P. *see* Anderson, G.W.J. 111493
Arnold, D. *see* Milosevic, Z. 118496
Arnold, D.G. *see* Nandhakumar, N. 66975
Arnold, D.G. *see* Nandhakumar, N. 69242
Arnold, D.V. *see* Long, D.G. 70512
Arnold, D.V. *see* Warnick, K.F. 76412
Arnold, E., Letavic, T., Merchant, S., Bhimnathwala, H. High-temperature performance of SOI and bulk-silicon RESURF LDMOS transistors 105995
Arnold, G.A., Tai-Wu Kao Rain attenuation. 1. Models describe rain attenuation in EHF systems 65851
Arnold, G.A., Tai-Wu Kao Rain attenuation. 2. Models describe rain attenuation in EHF systems 85855
Arnold, G.W. *see* Mazzoldi, P. 85678
Arnold, H.W. *see* Seidel, S.Y. 76438
Arnold, H.W. *see* Shaw-Min Lei 99189
Arnold, J. *see* Abraham, M. 74910
Arnold, J.F., Cavenor, M.C. A practical course in digital video communications based on MATLAB 60441
Arnold, J.J. *see* Bumm, L.A. 73894
Arnold, J.M. Complex Toda lattice and invariant encoding for soliton communication systems 65461
Arnold, N. Temperature distributions and their evolution in non-planar energy beam microprocessing: a fast algorithm 92184
Arnold, N. *see* Grelick, A.E. 89767
Arnold, N. *see* Kirichenko, N. 61400
Arnold, N. *see* Lumpkin, A. 100419
Arnold, N. *see* Metz, D. 101768
Arnold, N. *see* White, M. 89764
Arnold, N.F. Radio limb sounding: a technique for measuring global profiles of free electrons in the ionosphere 111196
Arnold, N.P. *see* Anderson, G.W.J. 80755
Arnold, R. *see* Seguinot, J. 69714
Arnold, S. *see* Griffel, G. 65387
Arnold, S.M. *see* Rallison, R.D. 96841
Arnold, T., Mercier, D. Longitudinally corrugated tape shielded medium voltage underground cables 70891
Arnold, W. *see* Zhou, J. 72992
Arnold, W.H. *see* Wilder, K. 72322
Arnold, W.H. *see* Wilder, K. 115083
Arnold, Z. *see* Kamarad, J. 64246
Arnoldusse, T.C., Vo, C., Burleson, M., Zhui, J.-G. A simple recording head write field rise time measurement 115658
Arnoldussen, T. *see* Chang, T. 115710
Arnoldussen, T.C. Harmonic analysis of nonlinear MR head transfer characteristics 115720
Arnoldussen, T.C. *see* Madison, M.R. 115788
Arnon, S., Kopeika, N.S. Probing and monitoring aerosol and atmospheric clouds with an electro-optic oscillator 111224
Arnott, J.L. *see* Hine, N.A. 118641
Arnoud, J.C. *see* Morin, J. 110605
Arntzen, B., Maksimovic, D. Switched-capacitor DC/DC converter with resonant gate drive 121603
Arnum, E. The universal mailbox arrives: sort of 67925
Aroca, C. *see* Prieto, J.L. 64492
Aroca, G. *see* Singh, A. 84302
Arodzero, A., Brau, J.E., Frey, R.E., Gao, D., Kolipara, R.T., Langston, M., Mason, D., Sinev, N., Strom, D., Yang, X., Brooks, M., Lee, D., Mills, G. Beam test of prototype 18 cm silicon-strip detectors with high speed electronics 80036
Arof, A.K. *see* Subban, R.H.Y. 102953
Arokianathan, C.R., Asenov, A., Davies, J.H. An approach based on Brownian motion for the simulation of ultrasmall semiconductor devices 84287
Arokiaraj, J. *see* Arulkumaran, S. 105598
Arokiasamy, A. *see* Sastikumar, D. 107653
Aronehime, P.B. *see* Maundy, B.J. 93564
Aronhime, P. *see* KeChang Wang 113632
Aronhime, P.B., Lata, Z.J. Conversion of voltage-mode biquads to current-mode 93558
Aronhime, P.B. *see* Lata, Z.J. 104291
Aronhime, P.B. *see* Maundy, B.J. 104740
Aronov, J. *see* Papic, L. 82350
Aronov, J. *see* Papic, L. 88939
Arons, E., Dilworth, D. Improved imagery through scattering materials by quasi-Fourier-synthesis holography 85741
Arons, E., Leith, E. Coherence confocal-imaging system for enhanced depth discrimination in transmitted light 65570
Arons, E. *see* Leith, E. 70009
Aronson, L.B., Rankin, G., Ranganath, T.R., Dolfi, D.W. Measurement and control of sidelobes in acousto-optic tunable filters 64872
Aronson, R. *see* Jenghwa Chang 101135
Aronson, S.H. *see* Yamamoto, R.M. 90187
Aronsson, P.O. Inventory of radioactive corrosion products on the primary surfaces in a PWR and release during shutdown 71073
Aronstein, D., Bergfeld, T., Horton, D., Palmer, M., Selen, M., Thayer, G., Boyer, V., Honscheid, K., Kichimi, H., Sugaya, Y., Yamaguchi, H., Yoshimura, Y., Kanda, S., Olsen, S., Ueno, K., Tamura, N., Yoshimura, K., Lu, C., Marlow, D., Mindas, C., Prebys, E., Pomianowski, P. The Cherenkov correlated timing detector: materials, geometry and timing constraints 69717
Aronstein, J. Evaluation of receptacle connections and contacts 62416
Aronzon, B., Guillon, F. Magnetic field dependence of threshold for chaotic acoustoelectric oscillations in n-InSb at 77 K 83828
Aronzon, B.A., Drichko, I.L., Guillon, F. Double-dip negative magnetoresistance observation in magneto-acoustic measurements in InSb 83837
Aroonwilas, A. *see* Tontiwachwuthikul, P. 111781
Arora, B.M. *see* Ali, Y.P. 105180
Arora, B.M. *see* Gadkari, D.B. 103829
Arora, C.L. *see* Gupta, H.K. 76596
Arora, C.M., Surana, S.L. Transient security evaluation and preventive control of power systems using PR techniques 121023
Arora, K. *see* Bien, Y.K. 104434
Arora, K. *see* Clarke, D.E. 107024
Arora, K. *see* Perry, R.J. 106189
Arora, N.D., Rios, R., Antoniadis, D.A. Capacitance modeling for deep submicron thin gate oxide MOSFETs 84421

Arora, N.D., Rios, R., Cheng-Liang Huang Impact of polysilicon depletion effect on circuit performance for 0.35 μ CMOS technology 63930
Arora, N.D. *see* Cheng-Liang Huang 63749
Arora, N.K. *see* Chakravarty, B.C. 91752
Arora, N.K. *see* Kishore, R. 112414
Arora, R.K., Seshagiri, N. Metropolitan area geographic positioning system using Kytoons 109838
Arora, R.K., Sharma, A.K. Global positioning with wide area differential technology 79032
Arora, R.K. *see* Minz, S.M. 92099
Arora, R.S., Venkateswaran, R., Haldar, T., Gupta, S.K., Kumar, P., Kesavan, R. Growth of submicron heavily doped silicon layers on lightly doped silicon by RPCVD 104001
Arora, V. *see* Misra, S.C.K. 105220
Arora, V.K., Dawar, A.L. Effect of laser irradiation on the responsivity of mercury cadmium telluride detectors 69123
Arora Sanjeev *see* Sanjeev Arora
Aroua, A., Hoefert, M. Investigation of the PDM–303 neutron pocket dosemeter in various neutron fields 70298
Arp, K., Schnetter, A. Modern network planning for industrial networks 101991
Arpaia, P., Avallone, F., Baccigalupi, A., De Capua, C. Real-time algorithms for active power measurements on PWM-based electric drives 71484
Arpaia, P., Baccigalupi, A., Cennamo, F. Techniques of improved signal extraction in scan conversion-based transient digitizers 110073
Arpaia, P., Cennamo, F., Daponte, P., D'Apuzzo, M. A behavioural model for scan converter-based transient digitizers 110042
Arpaia, P., Cennamo, F., Daponte, P., D'Apuzzo, P. Performance enhancement of scan converter-based transient digitizers by digital image processing 69012
Arpaia, P., Cennamo, F., Daponte, P., Savastano, M. A distributed laboratory based on object-oriented measurement systems 109990
Arpasi, J.P., Palazzo, R., Jr. On the algebraic fundamentals of convolutional encoders over groups 66404
Arps, M., Each, H.-G., Passenberg, W., Umbach, A., Schlaak, W. Influence of SiN_x passivation on the surface potential of GaInAs and AlInAs in HEMT layer structures 106058
Arquero, A. *see* Gonzalo, C. 119127
Arquey, D. *see* Palmier, J.F. 93786
Arrand, H.F. *see* Loni, A. 95742
Arrathoon, R. *see* Michael, N. 117724
Arratia, R., Reinert, G. Poisson process approximation for repeats in one sequence and its application to sequencing by hybridization 98250
Arredondo, A., Cutrer, D.M., Georges, J.B., Lau, K.Y. Techniques for improving in-building radio coverage using fiber-fed distributed antenna networks 118973
Arreguit, X., Van Schaik, F.A., Bauduin, F., Bidiville, M., Raeber, E. A CMOS motion detector system for pointing devices 79543
Arreguit, X. *see* Venier, P. 79414
Arri, E., Loggia, A., Mocci, F., Tosi, M. On-line stray inductance monitoring for preventive diagnosis on power transformer windings 102817
Arridge, S.R. *see* Simmons, A. 69988
Arrillaga, J., Enright, W., Wood, A.R., Perez Hidalgo, F. DC side harmonic reduction in HVDC converters by direct ripple reinjection 81012
Arrillaga, J., Juhlin, L., Lahtinen, M., Ribeiro, P., Saavedra, A.R. AC system modelling for AC filter design–an overview of impedance modelling 70846
Arrillaga, J. *see* Anderson, G.W.J. 80755
Arrillaga, J. *see* Anderson, G.W.J. 111493
Arrillaga, J. *see* Chen, S. 81010
Arrillaga, J. *see* Du, Z.-P. 101683
Arrington, J.A. *see* Bensaid, A.M. 67096
Arriojas, J. *see* Kneschke, T. 91858
Arrizon, V. *see* Ibarra, J.G. 116124
Arrott, A.S. Resolution of conflicts concerning $Fe_{16}N_2$ 64209
Arrott, A.S. Magnetoelastic energy in domains separated by 90° walls 84784
Arrott, A.S., Templeton, T.L. The power-law decay of a collective dipole with cycle number in rotational hysteresis of magnetic recording media 106596
Arrott, A.S., Templeton, T.L. Time effects in particulate recording media after rotation in magnetic fields 115833
Arrott, A.S. *see* Lee, J.-G. 75160
Arrott, A.S. *see* Templeton, T.I. 64433
Arroyo, J. *see* Andrieu, O. 115650
Arroyo, J.M. *see* Redondo, N.J. 90968
Arruda, S.R. *see* Bastos, J.P.A. 102721
Arruda-Neto, J.D.T. *see* Likhachev, V.P. 100816
Arrue, J., Zubia, J. Analysis of the decrease in attenuation achieved by properly bending plastic optical fibres 64641
Arrue, J., Zubia, J. Analysis of the decrease in attenuation achieved by properly bending plastic optical fibers 64717
Arsenault, D.R. *see* Lyons, W.G. 93777
Arsenault, E., Bernard, J.-T., Genest-Laplante, E. Hydro-Quebec energy saving programs: 'Watt' are they worth? 121028
Arsenault, H.H. *see* Gagne, P. 117718
Arsenault, H.H. *see* Gualdron, O. 67397
Arsenault, R. *see* Hull, A.B. 70323
Arsen'ev, I.V., Sokolov, N.P., Choban, I.S. The results of designing a nozzle vane with transpiration steam cooling [gas turbines] 102468
Arsen'ev, L.V., Berkovich, A.L. The parameters of gas-turbine units with water injected into the compressor 102472
Arsenishvili, G., Kupatadze, T., Rashvand, H.F. Cell loss analysis of a multi-linear non stationary queuing system using martingale methods 77703
Arsenishvili, G. *see* Rashvand, H.F. 78172
Arsenjev, A.P., Arsenjev, P.A., Evdokimov, A.A., Makaricheva, E.U., Sheinin, M.J. The processing of surgical implants from pure titanium 70243
Arsenjev, P.A. *see* Arsenjev, A.P. 70243
Arsenyan, T., Korolenko, P., Fedotov, N., Pershin, S., Bukharin, A., Lyach, A. Comprehensive study of atmospheric turbulence and aerosol inhomogeneities by means of lidar technique 120755
Arsenyan, T.I., Fedotov, N.N., Kornienko, L.S., Korolenko, P.V., Kulyagina, E.A., Petrova, G.V. Laser beams with helical wavefront dislocations and their applications in the diagnostical and metrological systems 107674
Arshad, M.F. *see* Chan, E.K.Y. 101353
Arsham, H. Confidence regions having different shapes for the failure distribution function 92336
Arsian, T., Horrocks, D.H. Hierarchical frequency grid management for arbitrary response FWL IIR filter design using a genetic algorithm 114106
Arsintescu, B.G., Spanoche, S.A. Global stacking for analog circuits 115201
Arslan, A.N. A simple solution to the problem of diffraction from resistive strips for modelling plant elements 116877
Arslan, L.M., Hansen, J.H.L. Language accent classification in American English 97639
Arslan, T. *see* Bright, M.S. 73446
Arslan, T. *see* Erdogan, A.T. 114099
Arslan, T. *see* O'Dare, M.J. 104457
Arslanov, R.A. *see* Khuzyashev, R.G. 119339
Arst, H. *see* Kutser, T. 111252
Artacho, A.M. *see* Fornies-Marquina, J.M. 92572
Artacho, J.M. *see* Garcia-Gracia, M. 97814
Artacho, J.M. *see* Letosa, J. 69475
Artaki, I., Finley, D.W., Jackson, A.M., Ray, U., Vianco, P.T. Wave soldering with lead-free solders 94062
Artaki, I. *see* Finley, D.W. 92249
Artaki, I. *see* McCormack, M. 104944
Artaki, I. *see* Ray, U. 94081
Artal, E. *see* Morales, J. 114277
Artaud, M. *see* Martinet, L. 68615
Artaud, M. *see* Nolibe, L. 108552
Artaud, M.C. *see* Duchemin, S. 72909
Arteaga, R.M. *see* Kol'dyaev, V. 84448
Artem'ev, A.I. *see* Mikhailov, V.G. 79828
Artemiev, V., Brakhman, E., Ivanovskii, M., Karelin, A., Kirichenko, V., Kozodaeva, O., Lubimov, V., Lugetskii, N., Mitin, A., Nikolaev, V., Tsvetkova, T., Zeldovich, O. Track experiment for the double beta decay investigation of the different isotopes 80101
Artemov, A.A., Danilov, O.B., Grenishin, A.S., Gryaznov, N.A., Kiselev, V.M., Zhevlakov, A.P. Pulsed periodic iodine laser 107109
Artemov, S.V., Gulamov, I.R., Zotov, I.Y., Karakhodzhaev, A.A. A computerized measuring system for studies of nuclear reactions 90236
Artemov, Yu.A. *see* Gorish, A.V. 84687
Artemov, Yu.A. *see* Mokrov, Ye.A. 79387
Artemov, Yu.A. *see* Murashkina, T.I. 79517
Artemyev, M.V. *see* Gaponenko, S.V. 63013
Arter, W., Eastwood, J.W., Brealey, N.J., Hockney, R.W. Body-fitted PIC software for electromagnetic problems: the preprocessing program PEGGIE 65608
Arter, W. *see* Eastwood, J.W. 65628
Artes-Rodriguez, A., Figueiras-Vidal, A.R. Wiener extrapolation of sequences and the expectation-maximization algorithm 108290
Arthaud, Ph. *see* Brun, J.M. 60922
Arthur, G., Crawford, S., Lidwell, M., Wardrop, C. Triple FOV IR sensor–an optimum configuration geometry 119734
Arthur, G., Martin, B. Minimising optical proximity effect at sub-half-micron resolution by the variation of stepper lens operating conditions at i-line, 248 nm and 193 nm wavelengths 115050
Arthur, G., Martin, B. Assessment of resist-specific isofocal behaviour in optical lithography at half-micron resolution 115052
Arthur, G. *see* Chan, S.S.M. 74604
Arthur, G. *see* Martin, B. 115053
Arthur, J. *see* Tatchyn, R. 96526
Arthur, P. *see* Honary, B. 88082
Arthur, R. Carriers get the management message 118265
Arthur, R.M. *see* Beetner, D.G. 120299
Artigas, D., Olivas, J., Dios, F., Canal, F. Supermode analysis of the three-waveguide nonlinear directional coupler: the critical power 106843
Artigas, J.I., Barragan, L.A., Beltran, J.R., Laloya, E., Moreno, J.C., Navarro, D., Roy, A. Word length considerations on the hardware implementation of two-dimensional Mallat's wavelet transform 77106
Artigas, J.M. *see* Martinez-Verdu, F.M. 108574
Artigaud, S., Chbat, M., Nouchi, P., Chiquet, F., Bayart, D., Hamon, L., Pitel, A., Goudeseune, F., Bousselet, P., Beylat, J.-L. Transmission of 16 channels spanning 24 nm at 10 Gbit/s over 531 km of conventional singlemode fibre with seven in-line fluoride-based EDFAs 88597
Artigaud, S., Chbat, M., Nouchi, P., Chiquet, F., Bayart, D., Hamon, L., Pitel, A., Goudeseune, F., Bousselet, P., Beylat, J.-L. Transmission of 16×10 Gbit/s channels spanning 24 nm over 531 km of conventional single-mode fiber using 7 in-line fluoride-based EDFAs 88650
Artigaud, S. *see* Chbat, M. 78716
Artigaud, S. *see* Delansay, P. 109646
Artiges, D., Nain, P. Upper and lower bounds for the multiplexing of multiclass Markovian on/off sources 117963
Artiges, J.C., Hervier, V., Richard, A., Volkov, P., Wanlin, E., Zojceski, Z. Compact CSC acquisition system: VXI D-size modules with a DSP interface 90128
Artiges, J.C., Hervier, V., Richard, A., Volkov, P., Wanlin, E., Zojceski, Z. Compact CSC acquisition system: VXI D-size modules with a DSP interface 100960
Artiglia, M., Chiantore, A., Rossaro, A. Comparison of measurement methods for polarisation mode dispersion 64673
Artiglia, M., Ciaramella, E. Characterisation of modulation instability gain in optical fibres 64690
Artiglia, M., Ciaramella, E. Very high efficiency spectral inverter for fiber dispersion compensation 84999
Artiglia, M., Ciaramella, E., Cisternino, F., Di Vita, P., Girardi, R., Pagano, A., Sordo, B. Upgrading existing optical fibre plants to higher bit-rates 119204
Artiglia, M., Morra, P., Sartori, C. Polarisation mode dispersion in terrestrial installed cables: comparison of measurement methods 64679
Artiglia, M. *see* Ives, D.J. 64682
Artinian, M. *see* Guillot, M. 75156
Artjushenko, V.G. *see* Stepanov, E.V. 69341
Arturi, C.M. A thermodynamic approach to electromechanics. IV. DC machine and single phase synchronous machine 121504
Artus, L. *see* Cusco, R. 63239
Artus, L. *see* Li, Y.B. 105312
Artus, R.G.C. Measurements of the novel thermal conduction of a porphoritic heat sink paste 92208
Artuso, M. The Ring Imaging Detector for CLEO III 69750
Artuso, M. The ring imaging detector for CLEO III 120211
Artuso, M. *see* Kopp, S. 80078
Artuso, M. *see* Playfer, S. 69749
Artuzi, W.A., Jr., Yoneyama, T. Ridge coplanar waveguide for optical amplitude modulation 116070
Artyukov, I.A., Vinogradov, A.V., Kondratenko, V.V., Fedorenko, A.I., Yulin, S.A. Soft X-ray imaging of submicron structures 69907
Artz, D.S. *see* Freedman, M. 80320
Aru Yan, Zhongmin Chen, Xiaoping Song, Xiaotian Wang The influence of MgO/Mg and Al_2O_3/Al additives on coercivity, thermal stability, and microstructure of Nd-Fe-B magnets 115848
Aru Yan *see* Yan Aru
Aruga, F. *see* Kikuchi, Y. 115823
Aruga, K., Kuroba, Y., Koganezawa, S., Yamada, T., Nagasawa, Y., Komura, Y. High-speed orthogonal power effect actuator for recording at over 10000 TPI 64404
Aruga, K. *see* Kuroba, Y. 71362
Aruga, T. Introduction of the COE project: research on advanced technologies in optical communication and sensing 70441
Aruga, T. Introduction of the COE project: research on advanced technologies in optical communication and sensing 78837
Aruga, T. *see* Ghafouri-Shiraz, H. 75931
Aruga, T. *see* Ghafouri-Shiraz, H. 95685
Aruga, T. *see* Huitian Wang 65440
Aruga, T. *see* Huitian Wang 95705
Aruga, T. *see* Wang, H. 107535
Arul, M. Neural net classifiers for communication systems: a review 77489
Arulambalam, A. *see* Ansari, N. 68333
Arulkumaran, S., Arokiaraj, J., Udhayasankar, M., Dharmarasu, N., Kumar, J., Kanjilal, D. High energy implantation studies on pBN grown semi-insulating gallium arsenide single crystals 105598
Arumugam, G., Yadav, V.S. Computer based Earth station tracking chain simulator to aid the development and evaluation of antenna control systems 119098
Arumugam, S., Sastry, V.S. High pressure cell for Tc measurements on superconducting materials 110422
Arun, K., Ranganath, S. Face recognition using radial basis function networks 87014
Arun, K.S. *see* Krogmeier, J.V. 66807
Arun, P., Vedeshwar, A.G. Phase modification by instantaneous heat treatment of Sb_2S_3 films and their potential for photothermal optical recording 64613
Arunachalam, M., Babu, R.R., Bose, B., Dutta, D. Evaluation of losses in thyristor valve for SVC application 112106

Arunachalam, P., Abraham, J., d'Abreu, M. A hierarchical approach for power reduction in VLSI chips 93209
Arunachalam, S. Introducing technology to a traditional society: social and psychological implications 92112
Arungsrisangchai, I. *see* Shigehiro, Y. 95100
Arunodaya, G.R. *see* Pradhan, N. 110849
Arunosrisakul, T. *see* O'Farrell, T. 87370
Arushanov, E. *see* Friemelt, K. 83888
Arushanov, E. *see* Schon, J.H. 62784
Arushanov, E.K. *see* Lisunov, K.G. 74311
Arutyunov, A.V. Optimality conditions in abnormal extremal problems 72511
Arutyunov, P.A. Fundamental measurement equation and problems on digital signal processing using systems of residue classes 79205
Arutyunov, V.A., Bogatyrenko, N.G., Gribov, A.S., Sorokin, O.V. A linear photoelectric former of coded signals 69318
Arvanitis, D. *see* Tischer, M. 64233
Arvanitis, T.N. *see* Tate, A.R. 90378
Arvas, E. *see* Al-Kanhal, M.A. 85828
Arvia, A.J. *see* Visintin, A. 81718
Arvidsson, A. High level B-ISDN/ATM traffic management in real time 117998
Arvidsson, B., Mickelsson, H., Barlow, A.J. A PMD study on fibres in a cable factory 64678
Arvidsson, L. Adding data to AMPS 99371
Arvidsson, P. *see* Hermansson, H.-P. 102406
Arvidsson, R. A massively parallel SIMD processor for search radar signal processing 68674
Arvidsson, R. *see* Eklund, J.-E. 73489
Arvizu, R.O. Air Force modernization planning 90872
Arvonen, K., Grano, K., Harju, J., Paakki, J. Experiences with the integration of protocol software tools 77756
Arweiler, H.W. Dynamic duo [ATM test equipment] 109296
Arwin, H. *see* Gang Jin 100149
Arx, C.Von *see* Von Arx, C.
Arx, J.A.Von *see* Von Arx, J.A.
Arx, M.von *see* von Arx, M.
Arya, L.D., Verma, H.K. A method for tracing P-V curve for voltage stability analysis with voltage dependent loads 120955
Arya, L.D., Verma, H.K. A predictor-corrector method for construction of PV-curve 120976
Arya, L.D. *see* Verma, H.K. 111544
Arya, R. *see* Wiedeman, S. 112334
Arya, R.R. *see* Carlson, D.E. 112360
Arya, V., de Vries, M., Wang, A., Murphy, K.A., Claus, R.O. Extrinsic Fabry-Perot interferometer for ITS-related communication and sensing applications: an exact analysis 67767
Arya, V., Sherrer, D.W., Anbo Wang, Claus, R.O., Jones, M. Temperature compensation scheme for refractive index grating-based optical fiber devices 79475
Arya, V. *see* Meller, S. 69215
Arya, V. *see* Meller, S. 79482
Aryaeinejad, R., Dardenne, Y.X., Cole, J.D., Caffrey, A.J. Palm-size low-level neutron sensor for radiation monitoring 80083
Aryaeinejad, R., Dardenne, Y.X., Cole, J.D., Caffrey, A.J. Palm-size low-level neutron sensor for radiation monitoring 100877
Arzen, K.-E. Integrated control and diagnosis of sequential processes 110003
Arzt, E. *see* Kraft, O. 115024
As, B.-O. *see* Forslund, O. 70590
As, D.Van *see* Van As, D.
Asa, G. *see* Goren, D. 114693
Asaad, S., Bishay, M., Wilkes, D.M., Kawamura, K. A low-cost, DSP-based, intelligent vision system for robotic applications 77453
Asabin, A.A. *see* Tumanov, I.M. 71401
Asabin, A.A. *see* Tumanov, I.M. 71529
Asada, H., Hirata, K., Ozawa, K., Nakamura, K., Tanabe, H., Sera, K., Hamada, K., Mochizuki, K., Ohi, S., Saitoh, S., Okumura, F., Kaneko, S. A 2.7 in. 1.3 MPixel driver-integrated poly-Si TFT-LCD for multimedia projectors 79622
Asada, H., Ikeda, H., Shimodaira, Y., Yoshida, H. Optimized sampling and bit rates of digital NTSC picture codes based on subjective evaluation of reproduced pictures 108478
Asada, H., Ikeda, H., Yoshida, H., Senzhi, S., Minghao, D. Optical fiber personal computer data transmission system for local area networking 118513
Asada, H., Matsuyama, K., Taniguchi, K. Micromagnetic study on write operation in submicron magnetic random access memory cell 84852
Asada, H., Matsuyama, K., Taniguchi, K. Micromagnetic study on dynamic properties of write operation in magnetic random access memory cell 115879
Asada, H. *see* Fogarty, K.J. 84802
Asada, H. *see* Kakuda, Y. 67891
Asada, H. *see* Matsuyama, K. 115626
Asada, H. *see* Okumura, F. 100198
Asada, H. *see* Sekine, H. 89142
Asada, K. *see* Ikeno, R. 113693
Asada, K. *see* Ikeno, R. 113694
Asada, K. *see* Itoh, Y. 74858
Asada, K. *see* Kobune, M. 61445
Asada, K. *see* Srinivas, M.B. 75053
Asada, K. *see* Tsz Shing Cheung 113842
Asada, M. A possible three-terminal amplifier device in the terahertz frequency range using photon-assisted tunneling 73753
Asada, M. *see* Saitoh, W. 84334
Asada, M. *see* Saitoh, W. 105979
Asada, M. *see* Suemasu, T. 106100
Asada, N., Matsuki, H., Esashi, M. Two-dimensional silicon micro optical scanner 115389
Asada, T., Ohki, Y., Ikeda, M., Umeshima, Y. Electrical conduction and breakdown in polyolefin with carbonyl groups 64143
Asada, T., Osawa, F., Sugimoto, F., Hashimoto, K., Murayama, S. Development of new aluminum-based printed circuit board 113733
Asada, T. *see* Hagiwara, Y. 100254
Asadauskas, L. *see* Urban, M. 105120
Asahara, T. *see* Tsuboi, H. 107792
Asahara, Y. *see* Omi, S. 76233
Asahi, H., Yamamoto, K., Iwata, K., Gonda, S., Oe, K. New III-V compound semiconductors TlInGaP for 0.9 μm to over 10 μm wavelength range laser diodes and their first successful growth 96276
Asahi, H. *see* Hayashi, T. 94746
Asahi, H. *see* Iwata, K. 61202
Asahi, H. *see* Kim, J.H. 62845
Asahi, H. *see* Kim, S.J. 105341
Asahi, H. *see* Seong-Jin Kim 105328
Asahi, H. *see* Yamamoto, K. 103874
Asahi, R. *see* Ishikawa, T. 67989
Asahi, R. *see* Kabuo, H. 61946
Asahi, R. *see* Kabuo, H. 93477
Asahi, T., Oda, O., Taniguchi, Y., Koyama, A. Growth and characterization of 100 mm diameter CdZnTe single crystals by the vertical gradient freezing method 92667
Asahi Hajime *see* Hajime Asahi
Asai, F. *see* Shiraishi, T. 118693
Asai, H. *see* Kamio, T. 108286
Asai, H. *see* Kuwabara, H. 74398
Asai, H. *see* Ninomiya, H. 104448
Asai, K., Isobe, I., Tada, T., Hikita, M. SAW timing-extraction filter and investigation of submicron process technology for Gb/s optical communications system 104668
Asai, K., Yamaki, T., Ishigure, K., Shibata, H. Ion bombardment effect on electronic states in CdS fine particles 94334
Asai, K. *see* Hikata, M. 109381
Asai, K. *see* Hikita, M. 76669
Asai, K. *see* Isobe, A. 84696
Asai, K. *see* Ramchandran, K. 77406
Asai, M., Shibata, K., Igawa, M., Yunnghee Kim, Sato, M., Takiyasu, Y. Essential factors for full-interactive VOD server: video file system, disk scheduling, network 79148
Asai, M., Yamakita, J., Sawa, S., Ishii, J. Scattering from an infinite array of slots with polar-type anisotropic media 116874
Asai, M. *see* Ichikawa, S. 90112
Asai, M. *see* Kichimi, H. 69718
Asai, M. *see* Maruyama, K. 100989
Asai, N., Miyazaki, Y., DongSheng Cai, Hirasawa, K., Ikebe, Y. Numerical methods for $zJ_v'(z)+HJ_v(z)=0$ by eigenvalue problem 92597
Asai, N. *see* Imai, A. 94858
Asai, N. *see* Kobayashi, M. 114113
Asai, N. *see* Seto, J. 85042
Asai, S., Kato, K., Nakazaki, N., Nakajima, Y. Probe card with probe pins grown by the vapor-liquid-solid (VLS) method 73911
Asai, S., Wada, Y., Takeda, E. Downscaling ULSIs by using nanoscale engineering 115331
Asai, S. *see* Ohki, Y. 91183
Asai, S. *see* Okajima, Y. 103807
Asai, Y., Hashitsume, Y., Arakawa, N., Asoh, J. Development of connectionless servers 98751
Asai, Y. *see* Kitazawa, T. 89256
Asai, Y. *see* Narita, S. 109299
Asai, Y. *see* Uematsu, M. 110884
Asaina, T. *see* Sato, K. 103147
Asainov, A.F. *see* Korbov, A.I. 88924
Asaka, T. *see* Tsuneoka, M. 73843
Asakawa, A. *see* Fujiwara, N. 111681
Asakawa, A. *see* Nakada, K. 121235
Asakawa, A. *see* Wada, A. 70492
Asakawa, K., Kojima, J., Ito, Y., Takagi, S., Shirasaki, Y., Kato, N. Autonomous underwater vehicle AQUA EXPLORER 1000 for inspection of underwater cables 88069
Asakawa, K. *see* Ishitani, H. 110282
Asakawa, K. *see* Kihara, N. 105774
Asakawa, K. *see* Yoshikawa, T. 84157
Asakawa, M., Nakao, N., Ohkubo, H., Ishida, T., Watanabe, T., Yasuda, E., Okuda, Y., Fujita, M., Chen, J., Moon, A., Roy, P.K., Kuruma, S., Imasaki, K., Mima, K., Ohigashi, N., Tsunawaki, Y., Nakai, S., Yamanaka, C. Multi-order harmonic lasing with a modified wiggler 96555
Asakawa, M. *see* Chen, J. 96531
Asakawa, M. *see* Fujita, M. 96451
Asakawa, M. *see* Goto, M. 96511
Asakawa, M. *see* Ohigashi, N. 110518
Asakawa, S. *see* Serizawa, M. 99367
Asakawa, Y. *see* Ishizaki, T. 88138
Asakuma, T. *see* Fujita, M. 96451
Asakura, H. *see* Demachi, K. 64513
Asakura, M. *see* Hamamoto, T. 61901
Asakura, M. *see* Hamamoto, T. 93383
Asakura, M. *see* Ooishi, T. 61899
Asakura, M. *see* Ooishi, T. 93614
Asakura, M. *see* Tsukude, M. 73326
Asakura, T., Kida, K., Tarumi, H. Internet information filter based on personal interests 118300
Asakura, T. *see* Iwai, T. 66945
Asakura, T. *see* Jutamulia, S. 89402
Asakura, T. *see* Silvennoinen, R. 65552
Asakura, T. *see* Silvennoinen, R. 79295
Asakursa, M. *see* Shibata, H. 69089
Asal, H.P., Dondi, P.H., Glavitsch, H. Data structures in the power industry–the next important standard 101855
Asama, H. *see* Arai, Y. 88529
Asama, H. *see* Kotosaka, S. 109688
Asambaev, V.S. *see* Stroev, V.A. 101895
Asami, K. *see* Kawashima, A. 102958
Asami, K. *see* Kim, J.H. 62845
Asami, K. *see* Kim, S.J. 105341
Asami, K. *see* Seong-Jin Kim 105328
Asami, K. *see* Yamamoto, K. 103874
Asami, S., Tago, A., Kobayashi, T. Evaluation of the 2.4 GHz spread spectrum wireless LAN system 98770
Asami, T. *see* Fukiyama, N. 70495
Asami, T. *see* Ishikura, M. 108853
Asano, A., Konishi, T., Yokozeki, S. Multiresolution pattern spectrum and its optical implementation using visual area coding technique 87236
Asano, E. *see* Tanaka, M. 120121
Asano, H., Osawa, S., Furutani, R., Takamasu, K., Ozono, S., Uekawa, A. Measurement of three dimensional objects using gray code projection. II. Improvement of reliability of space encoding method 100328
Asano, H. *see* Ara, T. 91501
Asano, H. *see* Ito, T. 64313
Asano, H. *see* Kitao, K. 82185
Asano, H. *see* Motojima, S. 92957
Asano, H. *see* Okada, K. 70759
Asano, H. *see* Takenaka, N. 110445
Asano, H. *see* Takenaka, N. 110446
Asano, H. *see* Takenaka, N. 110447
Asano, I. *see* Nakamura, M. 104543
Asano, J., Nagai, H., Matsuo, S. Position measuring system for erection of power transmission tower stubs 70950
Asano, K., Hibino, T., Iwahara, H. SOFC for chemical cogeneration using fuel-air mixed gas 81752
Asano, K., Higashiyama, Y., Yatsuzuka, K., Yamanaka, K. The behavior of emitted charge cloud from an axisymmetric ion-flow anemometer 79685
Asano, K., Takatori, S., Memering, M. The magnetic switching volume of cobalt-modified iron oxides and its application to improved video properties 106565
Asano, K. *see* Imagawa, S. 95515
Asano, K. *see* Koizumi, N. 95512
Asano, K. *see* Liu, J. 100500
Asano, K. *see* Sugimoto, T. 81173
Asano, K. *see* Tajima, T. 100491
Asano, K. *see* Yatsuzuka, K. 92964
Asano, M., Ohtsuki, T., Sato, K., Uehara, H., Sasase, I. Frame synchronization for optical differential pulse position modulation (DPPM) systems 99536
Asano, M. *see* Maekawa, T. 111475
Asano, M. *see* Matsuoka, T. 71612
Asano, M. *see* Onishi, Y. 105760
Asano, S. *see* Kyuno, K. 75195
Asano, S. *see* Maruyama, K. 100989
Asano, S. *see* Nagai, N. 102923
Asano, S. *see* Weiping Zhao 117967
Asano, T., Maruta, T., Ishikura, T., Yamashita, S. Field emission from plasma-treated diamond particles 74028
Asano, T., Ranjan, D., Roost, T. Digital halftoning algorithms based on optimization criteria and their experimental evaluation 66948
Asano, T. *see* Miura, K. 94141
Asano, T. *see* Mochizuki, J. 89385
Asano, T. *see* Yamada, M. 80064
Asano, Y., Abe, M., Ebata, A., Kimura, M., Kosugi, H., Mitsuhashi, K., Mori, S. Performance test of the drift tubes developed for the SDC muon detector 69759
Asano, Y. *see* Avrillon, S. 80033
Asano, Y. *see* Avrillon, S. 100851
Asano, Y. *see* Hazumi, M. 100854
Asano, Y. *see* Konuma, K. 69286
Asano, Y. *see* Saitoh, Y. 80027
Asano, Y. *see* Saitoh, Y. 100838
Asano, Y. *see* Tsuboyama, T. 100836
Asanuma, H., Ichikawa, K. Measurement of optical transmission loss during deformation of optical fiber embedded SiC_{CVD}/Al composites 119694
Asanuma, H., Ichikawa, K., Kishi, T. Health monitoring of a continuous fiber reinforced aluminum composite with embedded optical fiber 100068
Asanuma, T. *see* Yoshino, K. 82776
Asao, H., Miyazaki, M., Oh-Hashi, H., Ishida, O. A magnetostatic wave radiation impedance of symmetric slot line in signal-to-noise enhancer 115864
Asao, Y. *see* Kirihata, T. 61897
Asao, Y. *see* Kirihata, T. 93380
Asaoka, M. *see* Yukawa, M. 121890
Asaoka, S. *see* Konishi, H. 69911
Asari, K. *see* Nakatsuru, Y. 70909
Asari, K. *see* Pritchett, A. 70360
Asari, M. *see* Kermanshahi, B. 102028
Asari, M. *see* Kermanshahi, B.S. 81043

Asari, Y., Nakamoto, T., Moriizumi, T. Evaluation of gas adsorption characteristics of teflon using a QCM 89197
Asaro, R.J. *see* Blumenthal, W.R. 75305
Asatani, K., Nogami, S. Trends in the standardization of telecommunications on GII, multimedia, and other network technologies and services 78162
Asato, B.A., Ali, H.H. An improved floor planning algorithm using topological constraint reduction 74803
Asatrian, A.L., Vartanian, A.L., Kirakosian, A.A. Mobility calculation of quasi-two-dimensional charge carriers in semiconductor structures by energy loss method. II. Scattering by surface roughnesses and alloy disorder of quantum well 94495
Asaturyan, R.A. *see* Aivazian, R.B. 100799
Asaumi, M. *see* Kuroda, T. 79547
Asaumi, M. *see* Tsukamoto, A. 110214
Asawa, M., Stark, W.E. Optimal scheduling of handoffs in cellular networks 78555
Asawa, M., Stark, W.E., Dessouky, K., Pereira, J.M. Cellular digital packet data for intelligent vehicle highway systems [and commentary] 88251
Asay, R.H., Roofthooft, R.L.A. Summary of Doel-2 exposure studies with various surface pretreatments 71075
Asayama, K. *see* Zheng Guoqing 75322
Asbach-Cullen, R.C., Freris, L.L. Dynamic modelling of a wind-diesel system for analysis and design 102550
Asbeck, P.M. *see* De La Houssaye, P.R. 62281
Asbeck, P.M. *see* Hanington, G. 94917
Asbeck, P.M. *see* Ho, M.C. 62271
Asbeck, P.M. *see* Hsin, Y.M. 84348
Asbeck, P.M. *see* Johnson, R.A. 93931
Asbeck, P.M. *see* Pin-Fan Chen 114260
Asbeck, P.M. *see* Wang, K.C. 61970
Ascarelli, P., Cappelli, E., Mattei, G., Pinzari, F., Fares, V., Veroli, C., Martelli, S. Relation among growth rate, microstructure and the physical properties of diamond films 72919
Ascarelli, P. *see* Cappelli, E. 72916
Ascarelli, P. *see* Salvatori, S. 85279
Ascarelli, P. *see* Salvatori, S. 114690
Aschan, C. *see* Toivonen, M. 120571
Asche, M. *see* Stasch, R. 62706
Asche, M. *see* Stasch, R. 114645
Asche, M. *see* Stasch, R. 115131
Aschenbrenner, R., Zakel, E., Azdasht, G., Kloeser, A., Reichl, H. Fluxless flip-chip bonding on flexible substrates: A comparison between adhesive bonding and soldering 82264
Aschenbrenner, R., Zakel, E., Azdasht, G., Kloeser, A., Reichl, H. Fluxless flip chip bonding on flexible substrates: a comparison between adhesive bonding and soldering 94119
Ascher, H.E. *see* Bruning, A.M. 115432
Aschwanden, F. Direct conversion–how to make it work in TV tuners 109872
Aschwanden, Th. *see* Reichelt, D. 121193
Ascoli, C. *see* Mariani, T. 69076
Aseev, A.L. *see* Latyshev, A.V. 103885
Aseev, A.L. *see* Latyshev, A.V. 113395
Asenov, A. *see* Arokianathan, C.R. 84287
Asenov, A. *see* Babiker, S. 84475
Asensi, R., Prieto, R., Cobos, J.A., Garcia, O., Uceda, J. A CAD tool for magnetic components modeling 61614
Asensi, R. *see* Prieto, R. 61612
Asensi, R. *see* Prieto, R. 121691
Asensio, A., Grajal, J. Simulation of CFAR algorithms via graphical control of importance sampling techniques 109723
Asenstorfer, J.A. *see* Gossink, D.E. 88083
Asfour, S.S. *see* Waly, S.M. 110850
Asgar, A.Ahsana *see* Ahsana Asgar, A.
Asgari, A., Ahmad, R., Halsall, F. Buffer management in connectionless servers for AAL5 traffic 77582
Asghar, M.S.J., Shees, M.M. Smooth speed control of three-phase induction motor by integral-cycle switching 111948
Asghar, M.S.J. *see* Ashraf, I. 111849
Asghar, S.J. Elimination of inrush current of transformers and distribution lines 112582
Ash, B. *see* Kudva, S.M. 92351
Ash, D.L. New UHF receiver architecture achieves high sensitivity and very low power consumption 99455
Ash, J. *see* Bruckboeck, P. 109303
Ash, R.M. *see* Ring, W.S. 85476
Asha, S. *see* Njoku, P.C. 110743
Ashar, P. *see* Monteiro, J. 83075
Ashar, P. *see* Tiwari, V. 93202
Ashburn, P., Boussetta, H., Hashim, M.D.R., Chantre, A., Mouis, M., Parker, G.J., Vincent, G. Electrical determination of bandgap narrowing in bipolar transistors with epitaxial Si, epitaxial Si$_{1-x}$Ge$_x$, and ion implanted bases 63583
Ashburn, P., Nouailhat, A., Hashim, M.D.R., Parker, G.J., Mouis, M., Robbins, D.J. Temperature dependence of the current gain of Si/Si$_{1-x}$Ge$_x$ heterojunction and Si homojunction bipolar transistors 63603
Ashburn, P. *see* Gregory, H.J. 84326
Ashburn, P. *see* Hashim, M.D.R. 94920
Ashburn, S.P. *see* Aldrich, D.B. 74618
Ashburner, J. *see* Matthews, J. 101183
Ashby, C.I.H. *see* Blum, O. 74575
Ashby, D. *see* Abrams, K. 101426
Ashcraft, S.R., Halpin, S.M. DC-AC inverters for static condenser and dynamic voltage restorer applications 71477
Ashdown, I. Luminance gradients: photometric analysis and perceptual reproduction 69535
Ashen, D. *see* Lombardi, F. 61794
Ashen, R.A., Colver, R.E., Rashid, K. The use of finite element electromagnetics packages in undergraduate courses 72131
Ashenford, D.E., Dweydari, A.W., Sands, D., Scott, C.G., Yousaf, M., Aperathitis, E., Hatzopoulos, Z., Panayotatos, P. Investigation of p-i-n solar cell efficiency enhancement by use of MQW structures in the i-region 81888
Ashenford, D.E. *see* Cain, N. 74380
Ashenford, D.E. *see* Chen, P. 74407
Ashenford, D.E. *see* Cheng, H.H. 62961
Ashenford, D.E. *see* Ozanyan, K.B. 74168
Ashenford, D.E. *see* Ozanyan, K.B. 74455
Ashenford, D.E. *see* Ribayrol, A. 74142
Asher, G. *see* Cardenas, R. 102569
Asher, G.M. *see* Blasco-Gimenez, R. 71803
Asher, G.M. *see* Ferrah, A. 112454
Asher, G.M. *see* Pena, R. 71213
Asher, G.M. *see* Pena, R. 121406
Asher, G.M. *see* Pena, R.S. 102589
Asher, J. *see* Johnson, P.C. 84284
Asher, S. *see* Branz, H.M. 94243
Asher, S. *see* Contreras, M.A. 103009
Asher, S. *see* Li, X. 112366
Asher, S.E. *see* Dhere, R.G. 112367
Asher, S.E. *see* Mahan, A.H. 112341
Asher, S.E. *see* Menna, P. 72857
Ashfold, M.N.R. *see* May, P.W. 72926
Ashfold, M.N.R. *see* Rego, C.A. 61403
Ashfold, M.N.R. *see* Tsang, R.S. 72927
Ashford, V. *see* Visosky, M.M. 105001
Ashforth-Frost, S. *see* Ju Xiangyang 119950
Ashi, Y. *see* Takatori, M. 68507
Ashida, S. *see* Lieberman, M.A. 81547
Ashida, T. *see* Kawabata, M. 92358
Ashida, T. *see* Kawabata, M. 92359
Ashida, T. *see* Yubazaki, N. 106122
Ashida, Y., Matsumoto, H., Nishikawa, T. A miniaturized dielectric monoblock filter for DECT system 99337
Ashida, Y. *see* Sadamoto, M. 92902
Ashida, Y. *see* Saitoh, K. 102991
Ashihara, K., Nakane, H., Adachi, H. Experimental confirmation of the Fowler Nordheim plot at several micro-meters emitter to anode distance 73925
Ashikaga, T. *see* Terashima, M. 81947
Ashikhmin, A.E., Litsyn, S.N. Fast decoding of non-binary first order Reed-Muller codes 86110
Ashimine, S. *see* Senjyu, T. 91550
Ashimine, S. *see* Senjyu, T. 121508
Ashino, R., Nagase, M., Vaillancourt, R. A construction of multiwavelets 72738
Ashitaka, H., Sasabe, H. Chiral NLO materials: helicenes and other possible molecules 76245
Ashitaka, H. *see* Ogura, K. 76240
Ashiya, R. MARSS-4 a regional satellite system for mobile communications 109135
Ashiya, T., Hagiwara, M., Nakagawa, M. IOSES: an indoor observation system based on environmental sounds recognition using a neural network 60523
Ashizaki, K. *see* Onishi, S. 89365
Ashizawa, K., Suzuki, M., Sakagami, R., Kobayashi, H., Domi, T. An integrated management service support system for buildings 98694
Ashizawa, M. *see* Watanaabe, S. 71153
Ashizawa, T. *see* Ikeda, K. 81041
Ashizawa, T. *see* Shinozaki, K. 70854
Ashizawa, Y., Nozaki, C., Noda, T., Sasaki, A. Thermal stability of interfaces between metals and InP-based materials 63103
Ashkenazi, V., Hill, C.J., Moore, T., Ochieng, W.Y. Satellite configurations for GNSS 79078
Ashkenazi, V., Hill, C.J., Moore, T., Ochieng, W.Y., Storey, J., Rawlings, R., Cleasby, C.V. Airborne detection of co-ordinate and calibration errors in DME navigation aids 79079
Ashkhotov, O.G. *see* Zdravomyslov, M.V. 104301
Ashkinadze, B.M., Cohen, E., Ron, A., Linder, E., Pfeiffer, L.N. The effects of photogenerated free carriers and microwave electron heating on exciton dynamics in GaAs/AlGaAs quantum wells 63039
Ashkinazi, G. *see* Nathan, M. 115132
Ashley, J.R. Electric and magnetic fields: the perceived public risks 70944
Ashley, J.R., Beatie, R.E., Heneage, J.F. Evaluation of power line measurements of the link with cancer 102198
Ashley, J.R. *see* Heneage, J.E. 70945
Ashley, M.C.B. *see* Sun, Y.-S. 69261
Ashley, P.R. Component integration and applications with organic polymers 106741
Ashley, P.R. *see* Qiang Huang 97229
Ashley, T., Elliott, C.T., Gordon, N.T., Hall, R.S., Johnson, A.D., Pryce, G.J. Room temperature narrow gap semiconductor diodes as sources and detectors in the 5–10 μm wavelength region 79412
Ashlock, D. *see* Davidson, J.L. 77441
Ashmanets, V.I., Vodyannikov, V.V., Troitsky, B.V. Exact calculation of errors at transionospheric propagation 65826
Ashmontas, S., Seliuta, D., Shirmulis, E. Fast nonlinear photoresponse in a Schottky barrier under IR laser excitation 114818
Ashmore, C. MCI–raising the standard 72186
Ashmore, C. Showcase or swansong. The dilemma of Sizewell B [nuclear power plant] 81220
Ashmore, C. Standardising designs for fast-track power projects 111813
Ashok, S. *see* Nam, C.W. 84200
Ashoka, H., Gourlay, P.M., Callaghan, G.D., Ness, J.B. Development of a master oscillator using active multipliers for INTELSAT VIII satellites 78586
Ashokan, R., Sharma, B.L., Basu, P.K., Warrier, A.V.R. A study on the dislocations in $Hg_{1-x}Cd_xTe$/CdTe epilayers 106983
Ashokan, R. *see* Dhar, V. 75733
Ashokan, R. *see* Dhar, V. 106974
Ashour, A., El-Kadry, N., Ebid, M.R., Farghal, M., Ramadan, A.A. The electrical properties of CdTe films of different preparation conditions in correlation with microstructure changes 105172
Ashour, O., Rogers, C.A., Kordonsky, W. Magnetorheological fluids: materials, characterization, and devices 82783
Ashour, T., Fan, L., Ding, Z., Chang, K. Temperature stability for microstrip delay lines on high permittivity substrates 83305
Ashraf, H. *see* Bhardwaj, J.K. 74915
Ashraf, I., Iqbal, A., Asghar, M.S.J. Performance evaluation of an experimental 100 kW Kalyanpur solar photovoltaic power plant–a case study 111849
Ashraf, M.M. *see* Tattam, C. 84838
Ashraf, R. *see* Sadrul Islam, A.K.M. 71211
Ashrafi, A. *see* Golnabi, H. 62082
Ashroff, S., Napper, S.A., Hale, P.N., Jr, Siriwardane, U., Mukherjee, D.P. Stability of hydroxyapatite coating of different crystallinities on a titanium alloy implant material after cyclic fatigue 70230
Ashtaputre, S. *see* Hossain, M. 93022
Ashtijou, M. From digital design creation to download on an FPGA 73061
Ashton, E.A., Phillips, D., Parker, K.J. Automated extraction of the LV from 3D cardiac ultrasound scans 90338
Ashton, J.R. *see* Donaldson, A.R. 89655
Ashuri, R. *see* Bazes, M. 104649
Ashwathnarayana, P.A. *see* Rajagopal, M.S. 111985
Ashwell, G.J., Jackson, P.D., Jasper, C. Unconventional Langmuir-Blodgett film-forming materials for second harmonic generation 76248
Ashwin, M.J. *see* Sato, K. 113302
Ashwin, P., Bohmer, K., Mei, Z. Forced symmetry breaking of homoclinic cycles in a PDE with O(2) symmetry 72665
Ashworth, D. *see* Cambiaso, A. 119754
Ashworth, D. *see* Warriner, K. 79570
Ashworth, D.C. *see* Alabbas, S.H. 79441
Ashworth, D.G. *see* Batchelor, S. 106840
Ashworth, S.P. European industrial research in high temperature superconducting wires, tapes and bulk materials 84855
Ashworth, S.P., Ciszek, M., Campbell, A.M., Liang, W.Y., Glowacki, B.A. AC losses in silver clad high T_c superconducting tapes 64507
Ashworth, S.P. *see* Ciszek, M. 64525
Ashworth, S.P. *see* Ciszek, M. 75312
Ashworth, S.P. *see* James, M.P. 106673
Asif Khan, M., Krishnankutty, S., Skogman, R.A., Kuznia, J.N., Olson, D.T., George, T. Response to "Comment on 'Vertical-cavity stimulated emission from photopumped InGaN/GaN heterojunctions at room temperature' " [Appl. Phys. Lett. 68, 3197 (1996)] 75936
Asif Khan, M., Shur, M.S., Chen, Q. Hall measurements and contact resistance in doped GaN/AlGaN heterostructures 62826
Asif Khan, M., Sun, C.J., Yang, J.W., Chen, Q., Lim, B.W., Zubair Anwar, M., Osinsky, A., Temkin, H. Cleaved cavity optically pumped InGaN-GaN laser grown on spinel substrates 116539
Asif Khan, M. *see* Chernyak, L. 114635
Asif Khan, M. *see* Mac Millan, M.F. 105434
Asif Khan, M. *see* Schmitz, A.C. 114805
Asimakopoulos, D.N. *see* Helmis, C.G. 102355
Asimakopoulos, D.N. *see* Papadopoulos, K.H. 110457
Asimellis, G., Khoury, J., Woods, C. Effects of saturation on the nonlinear incoherent-erasure joint-transform correlator 98020
Asinovsky, E.I. *see* Amirov, R.H. 80680
Asjes, R.J., Kooijman, K.S., Vermeulen, O.T.J.A., Duijve, R. Sensor and control electronics for an industrial 3D laser scanner 73885
Aska Juste, K., Suzuki, Y., Satoh, K., Itoh, H., Nakao, Y., Sakai, Y., Tagashira, H. Studies on the propagation of the creepage discharge across the surface of artificial acid rainwater 64058
Askari, F., Malaret, E., Lyzenga, D., Collins, M., Donato, T., Skoelv, A., Jenserud, T., Brownsword, C. A PC-based remote sensing system for detection and classification of oceanic fronts 120848
Askarov, A.G. *see* Bezotosnyi, A.A. 116913
Askary, F. *see* Monahan, K. 115079

Askenazy, S., Van Bockstal, L., Dupouy, F., Herlach, F. The performance of high-field magnets with optimized internal reinforcement 65721
Askenazy, S. *see* Herlach, F. 96978
Askerov, S.G., Dzhafarova, R.G., Gasanov, M.G., Aziev, Yu.A. The properties of Schottky diodes versus metal-alloy structure dependence 63569
Askew, M.J. *see* Lin, D.F. 70247
Askew, T. *see* Balachandran, U. 91234
Askey, R.A., Rahman, M., Suslov, S.K. On a general q-Fourier transformation with nonsymmetric kernels 72417
Askinazi, J. *see* Feng, T. 69291
Askins, C.G. *see* Bucholtz, F. 75430
Askins, C.G. *see* Nellen, P.M. 119706
Aslam, D.M. *see* Sahli, S. 105123
Aslam, D.M. *see* Yang, G.S. 69024
Aslam, M. *see* Hong, D. 74036
Aslam, M. *see* Hong, D. 79329
Aslam, M. *see* Hong, D. 79623
Aslam, N. *see* Qureshi, S.A. 80900
Aslam Noor, M. General nonlinear mixed variational-like inequalities 92537
Aslan, Y., Aggarwal, R.K., Johns, A.T. Fault location in overhead distribution systems using superimposed components 91137
Aslanis, J.T. *see* Fossorier, M.P.C. 106601
Aslanyan, G.S., Molodtsov, S.D., Solov'yanov, A.A. An assessment of the present state and prospects for investment reliability in the energy sector of Russia 101813
Asman, D.J. *see* Boucher, R.H. 79442
Asmolov, E.S. *see* Makashev, N.K. 107667
Asmolov, E.S. *see* Makashev, N.K. 107668
Asmontas, S., Suziedelis, A. Small area contacts of different metals with p-type germanium 94582
Asmus, K.W., Koonar, A., MacDonald, S. Ice-Vu: an integrated data communications and image analysis system 88782
Asmussen, J. *see* Erten, G. 103405
Asmussen, J. *see* Mak, P. 94744
Asmussen, J., Jr. *see* Ki-Yong Lee 82002
Asmuth, C.A. *see* Stiller, P.F. 77173
Asmuth, J.C. *see* Kumar, R. 69937
Asmuth, J.C. *see* Wildes, R.P. 86334
Asner, D., Butler, F., Dominick, J., Fadeyev, V., Masek, G., Nemati, B., Skubic, P., Stroynowski, R. Experimental study of aerogel Cherenkov detectors for particle identification 90163
Aso, H. *see* Omachi, S. 108692
Aso, M., Marushima, T. A proposed network element management information model 77868
Asobe, M., Ohara, T., Yokohama, I., Kaino, T. Low power all-optical switching in a nonlinear optical loop mirror using chalcogenide glass fibre 88598
Asobe, M., Ohara, T., Yokohama, I., Kaino, T. Fabrication of Bragg grating in chalcogenide glass fibre using the transverse holographic method 99556
Asobe, M., Yokohama, I., Kaino, T., Tomaru, S., Kurihara, T. Dispersive nonlinear absorption in organic polymer waveguide at 1.5 μm 85661
Asobe, M. *see* Kaino, T. 76249
Asobe, M. *see* Kaino, T. 78933
Asobe, M. *see* Ooba, N. 85046
Asobe, M. *see* Tsukada, M. 109319
Asobe, M. *see* Uchiyama, K. 99551
Asoh, J., Arakawa, N., Mizuno, H., Kishino, K. Virtual LAN realization on an ATM connectionless public network 78104
Asoh, J. *see* Asai, Y. 98751
Asok Ray *see* Chen-Kuo Weng 91306
Asoka-Kumar, P. *see* Nelson, A.J. 103011
Asokan, S. *see* Aravinda Narayanan, R. 105196
Asokan, S. *see* Murugavel, S. 94426
Asokan, S. *see* Prakash, S. 94420
Asokan, S. *see* Ramesh, K. 105199
Asom, M.T. *see* Catchmark, J.M. 65353
Asonen, H. *see* Aarik, J. 96428
Asonen, H. *see* Pessa, M. 96254
Asonen, H. *see* Pessa, M. 116510
Asonen, H. *see* Salokatve, A. 94727
Asonen, H. *see* Savolainen, P. 85528
Asonen, H. *see* Savolainen, P. 96277
Asonen, H. *see* Savolainen, P. 107277
Asonen, H. *see* Toivonen, M. 72764
Asonen, H. *see* Toivonen, M. 85480
Asonen, H. *see* Toivonen, M. 92778
Asonen, H. *see* Westergren, U. 109621
Asou, S., Furukoshi, R., Tabata, K., Greenland, P. The current resonant converter, theory and implementation 91623
Aspar, B., Bruel, M., Zussy, M., Cartier, A.M. Transfer of structured and patterned thin silicon films using the Smart-Cut(R) process 115329
Aspar, B. *see* Auberton-Herve, A.J. 63150
Aspar, B. *see* Paillet, P. 74495
Aspar, B. *see* Paillet, P. 105508
Aspar, B. *see* Prieur, E. 105487
Asparin, V. *see* Titus, W. 83432
Aspell, P. *see* Faccio, F. 106018
Aspey, R.Q. *see* Baynham, D.E. 90035
Aspiazu, J., Heitz, C. Determination of the efficiency detection of a Si(Li) detector by PIXE and RBS 80119
Aspinwall, D.K. *see* Simao, J.M. 82024
Asplund, G., Blidberg, I., Loof, O., Stomberg, H., Saksvik, O. Outdoor thyristor valve for HVDC 91121
Asplund, G. *see* Holmgren, T. 91122
Asplund, L. *see* Ngole, J. 62128
Aspnes, D.E. Optical approaches to determine near-surface compositions during epitaxy 82612
Aspnes, D.E. *see* Dietz, N. 103863
Aspnes, D.E. *see* Dietz, N. 113323
Aspnes, D.E. *see* Edwards, N.V. 114903
Aspnes, J., Hurwood, W. Spreading rumors rapidly despite an adversary [collect protocol] 98482
Asquerino, J.C.M. *see* Revuelta, P.S. 81584
Ass, J.A. A moment method analysis of reflection from striploaded, artificially soft and hard surfaces 65949
Assaad, J., Bruneel, C. Influence of interaction between elementary transducer on directivity pattern of an array 101593
Assaad, J., Bruneel, C. A physical interpretation of the far-field directivity pattern of lithium niobate bar transducers 120923
Assaad, J., Ravez, M., Bruneel, C., Rouvaen, J.M., Haine, F. Influence of the thickness and the attenuation coefficient of a backing on the response of transducers 101592
Assad, S.El *see* El Assad, S.
Assadi, S., Junck, K., Colestock, P., Marriner, J. Inference of wakefield structure by driving longitudinal coupled bunch modes in Main Ring 89863
Assadi, S., Mishra, C.S. Nonlinear mode coupling analysis in the Tevatron 100635
Assadi, S. *see* Mishra, C.S. 89832
Assadi, S. *see* Mishra, C.S. 120065
Assaf, I., Chen, M., Katzberg, J. Steel scheduling optimization for IPSCO's rolling mill and reheat furnace 82026
Assanto, G. *see* Picciau, M. 65434
Assanto, G. *see* Wang, Z. 76100
Assaoul, V. *see* Gribin, S. 107675
Assayag, G.B. *see* Faye, M.M. 114881
Assayag, G.B. *see* Pepin, A. 83916
Assche, W.Van *see* Van Assche, W.
Asseev, A.A., Gorin, M.Yu. One more possibility of using bent crystals for beam extraction from accelerators 69678
Asseev, A.A., Gorin, M.Y. Use of a bent crystal for beam extraction in a slow extraction mode 100732
Assef, Y., Bastard, P., Meunier, M. Artificial neural networks for single phase fault detection in resonant grounded power distribution systems 121138
Asseh, A. *see* Jaskorzynska, B. 107161
Asselanis, D. *see* Kinzer, D. 104332
Asselin de Beauville, J.-P. *see* Slimane, M. 60895
Asselt, W.K.van *see* van Asselt, W.K.
Asselt, W.van *see* van Asselt, W.
Assenov, R. *see* Moldovanova, M. 114662
Assimacopoulos, D. *see* Mirasgedis, S. 111707
Assis, A.K.T. *see* Caluzi, J.J. 62384
Assis, F.M., Alencar, M.S. Code division multiple access using Hermitean codes 98417
Assis, F.M. *see* Alencar, M.S. 109508
Assis, F.M.de *see* de Assis, F.M.
Assis Silva, F.M. *see* Mendes, M. 118362
Assmann, R., Blondel, A., Dehning, B., Drees, A., Grosse-Wiesmann, P., Grote, H., Placidi, M., Schmidt, R., Tecker, F., Wenninger, J. Experiments on beam-beam depolarization at LEP 79970
Assmann, R. *see* Adolphsen, C. 89648
Assmann, R. *see* Krejcik, P. 89652
Assmann, W., Reichelt, T., Eisenhammer, T., Huber, H., Mahr, A., Schellinger, H., Wohlgemuth, R. ERDA of solar selective absorbers 103035
Assmus, E.F., Jr., Key, J.D. Designs and codes: an update 117244
Assmus, F. *see* Reuther, H.M. 63989
Assmus, U. *see* Geib, R. 67535
Assmus, U. *see* Geib, R. 67924
Assmus, W. *see* Katter, M. 115853
Assoum, A., Radi, M.E., Velazco, R., Elie, F., Ecoffet, R. Robustness against S.E.U. of an artificial neural network space application 104774
Assoum, A., Radi, N.E., Velazco, R., Elie, F., Ecoffet, R. Robustness against SEU of an artificial neural network space application 73608
Assoum, A. *see* Bezerra, F. 73463
Assoum, A. *see* Bezerra, F. 104599
Ast, L. *see* Biro, J. 103703
Astadjov, D.N. Influence of hydrogen on the kinetics of copper bromide lasers 116379
Astaf'ev, L.I. Generalized axial and classical electrical machines: a comparison 121428
Astaf'ev, O.V., Kalinushkin, V.P., Yur'ev, V.A. Mid-IR scanning laser microscopy as a tool for investigating semiconductor materials: Visualization of large clusters of electrically active defects 62694
Astaf'eva, L.G. *see* Ledneva, G.P. 76077
Astahov, V.I., Brajnikova, T.Y., Busurin, V.I. Optoelectronic system of the stabilization of the lightpassing of the robot looking channel 100102
Astapov, A.A., Bamblevski, V.P. Induced radioactivity of thick copper and lead targets irradiated by protons, ^{4}He and ^{12}C nuclei with energy 3.65 GeV/nucleon 101450
Astar, W. Optical bandpass filters for detector arrays' modulation transfer function estimation by means of laser speckle 89112
Astar, W. Opto-electronic measurement of CCD detector array MTF by laser speckle 100106
Astar, W. New power-efficient optical filter for detector array modulation transfer function measurement by laser speckle 119732
Astarita, T., Cardone, G., Carlomagno, G.M. IR heat transfer measurements around a 180 degree turn 69252
Asteriadis, A. *see* Ning Zhu 101877
Asti, S., Cavioni, T., Neviani, A., Pavan, P., Stival, M., Vendrame, L., Zanoni, E. Analysis of charge storage in the base of bipolar transistors and its influence on the parasitic resistance adopting an eight terminal Kelvin test structure 115162
Astier, D. *see* Combot, J.P. 98518
Astier, S. *see* Lajoie-Mazenc, M. 91541
Astier, S. *see* Pertusa, C. 81421
Astola, J., Akopian, D. Architecture oriented regular algorithms for discrete sine and cosine transforms 66654
Astola, J. *see* Egiazarian, K. 66982
Astola, J. *see* Egiazarian, K. 77031
Astola, J. *see* Huttunen, H. 76960
Astola, J. *see* Kalliojarvi, K. 66689
Astola, J. *see* Koivisto, P. 76957
Astola, J. *see* Koivisto, P. 108322
Astola, J. *see* Kuosmanen, P. 62027
Astola, J. *see* Sarca, O.V. 77350
Astola, J. *see* Yli-Hietanen, J. 117488
Astola, J.T. *see* Egiazarian, K.O. 76958
Astola, J.T. *see* Lukin, V.V. 77359
Astola, J.T. *see* Vainio, O. 66741
Aston, D. *see* Abe, K. 69708
Aston, D. *see* Abe, K. 69726
Astrab, D. *see* Lowry, R.K. 92276
Astrand, E., Osterberg, M., Astrom, A. Near-sensor real-time imaging spectroscopy for industrial applications 66900
Astrom, A. *see* Astrand, E. 66900
Astrom, A. *see* Eklund, J.-E. 100148
Astrom, K., Cipolla, R., Giblin, P.J. Generalised epipolar constraints 67281
Astrom, K., Heyden, A. Multilinear constraints in the infinitesimal-time case 86461
Astrom, K. *see* Heyden, A. 67320
Astrom, M. *see* Stalberg, E. 80405
Astrov, D.N., Belyansky, L.B., Dedikov, Y.A. Correction of the gas-thermometry scale of the VNIIFTRI in the range 2.5 K to 308 K 69553
Astrova, E.V., Belov, S.V., Lebedev, A.A. Thermally stimulated capacitance in porous silicon diodes 64960
Asukura, M. *see* Muramatsu, K. 104056
Asuma, H. *see* Kawachi, G. 89388
Asumadu, J.A., Johnson, V., Dogan, N.S. Application of fuzzy logic algorithms for harmonic elimination and voltage control in a PWM waveform 121775
Asumu, D.E., Senior, J.M., Mellis, J. A spectral performance model for optical fibre networks 68506
Asundi, A., Masalkar, P.J. Fiber-optic strain sensor: Comparison of hibi fibers 79459
Asundi, A.K., Sajan, M.R. Digital drum camera for dynamic recording 89171
Ata, O.W. Integrated MM-wave patch array antenna for future micro and picocellular mobile systems 108079
Atabaev, I.G. Solubility limit of fine impurities in semiconductors 105113
Atac, M. *see* MacDonald, L.R. 80258
Ataka, T. *see* Kasai, N. 113588
Ataka, T. *see* Morooka, T. 69081
Ataka, T. *see* Nakajima, K. 86362
Ataka, T. *see* Suda, M. 74946
Atakturk, S.S. *see* Katsaros, K.B. 111215
Atal, B.S., De Mori, R., Flanagan, J., Furui, S., Haton, J.-P., Hunt, M.J., Jelinek, F., Lippman, R.P., Mariani, J., Gauvain, J.L., Lamel, L., Seneff, S. Comments on "Towards increasing speech recognition error rates" by H. Bourlard, H. Hermansky, and N. Morgan 76869
Atalar, A. *see* Bozkurt, A. 111390
Atalar, A. *see* Manalis, S.R. 119619
Atalar, A. *see* Yarahoglu, G.G. 106466
Atalay, S. *see* Squire, P.T. 115573
Atallah, M., Genin, Y., Szpankowski, W. Pattern matching image compression 86745
Atallah, S.B. *see* Bellissard, L. 109176
Atanackovic, D. *see* Belenguer, E. 80960
Atanackovic, D. *see* McGillis, D.T. 70836
Atanackovic, P.B., Grant, K.J., Fuss, I.G., Munch, J., Willis, A.P. Optical subtraction using a self-electro-optic effect device for implementation in an oversampling A/D converter 75641
Atanasov, P. *see* Black, J. 110655
Atanasov, P. *see* Krishnan, R. 79584
Atanasov, P. *see* Wilkins, E. 80175
Atanasov, P.A., Grozdanov, K.A. Simultaneous ultraviolet and infrared emission in a sliding-discharge excited laser 75814
Atanasov, P.A., Manolov, V.P. Laser cutting of wire-wound resistors: theory and experiments 107635
Atanasov, R., Hache, A., van Driel, H., Sipe, J.E. Single beam generation of photocurrent in asymmetric quantum wells 105439
Atanassova, E. Thin oxide MOS damages caused by wafer charging in magnetized helium plasma 63133
Atanassova, E., Paskaleva, A. Mobility degradation of inversion layer carriers due to MERIE-type plasma action 74584
Atar, S. *see* Dror, I. 116924

Atarasi, H.O., Kakimoto, N., Sakota, N., Sato, H., Yamamura, K., Nukii, T. Ultra small sized packaging technology for MMIC power amplifier using flip chip bonding 83509

Atassi, Y. *see* Delaire, J.A. 116643

Atassi, Y. *see* Nakatani, K. 85644

Ateniese, G., Blundo, C., De Santis, A., Stinson, D.R. Constructions and bounds for visual cryptography 117193

Athale, R.A., Raj, K. Multi-project foundry fabrication of diffractive optics 95916

Athale, R.A. *see* Raj, K. 67449

Athan, S.P., Landis, D.L., Al-Arian, S.A. A novel built-in current sensor for I_{DDQ} testing of deep submicron CMOS ICs 106202

Athanas, T., Sorli, I., Bele, Z., Krizaj, D. Design and characterization of substrate LDMOS transistor for HVASIC 73091

Athanasiadou, G.E., Nix, A.R., McGeehan, J.P. A new 3D indoor ray-tracing propagation model with particular reference to the prediction of power and delay spread 97116

Athanasiadou, G.E., Nix, A.R., McGeehan, J.P. Indoor 3D ray tracing predictions and their comparison with high resolution wideband measurements 107908

Athanasiou, K. Biodegradable scaffolds for use in orthopaedic tissue engineering 80481

Athanassopoulos, A.D., Curram, S.P. A comparison of data envelopment analysis and artificial neural networks as tools for assessing the efficiency of decision making units 82403

Athanassoulis, G.A. *see* Skarsoulis, E.K. 101569

Atherton, D.L. *see* Birsan, M. 75109

Atherton, D.L. *see* Krause, T.W. 72983

Atherton, D.L. *see* Krause, T.W. 115561

Atherton, D.L. *see* Leonard, S. 64496

Atherton, J. *see* Dolny, G. 69396

Atherton, J.G. *see* Nyakwende, E. 117617

Atherton, J.S., Snowden, C.M., Pollard, R.D. Design of experiments using a physical model [of MESFETs] 114267

Atherton, J.S. *see* Morton, C.G. 93805

Atherton, L. *see* Ren-Young Liu 80704

Athithan, G., Sony Roy, T. Hyperspherical neighbourhoods and pattern recognition using neural networks 117656

Atia, W.A., Pilevar, S., Gopalan, B., Heim, P., Dagenais, M., Davis, C.C. Near-field scanning optical microscopy analysis of the near and far-field intensity distribution of semiconductor laser diodes 110403

Atia, W.A. *see* Wagreich, R.B. 75502

Atici, A. *see* Yarman-Vural, F.T. 86519

Atici, M., Stinson, D.R. Universal hashing and multiple authentication 97492

Atick, J.J., Griffin, P.A., Redlich, A.N. Statistical approach to shape from shading: reconstruction of three-dimensional face surfaces from single two-dimensional images 98311

Atilgan, I. *see* Ozder, S. 114828

Atiquzzaman, M. Buffer dimensioning in ATM networks using no-priority and pushout space priorities 77610

Atiquzzaman, M., Hartley, M.G., Siyal, M.Y. A novel multiprocessor architecture for low-level image processing applied to road-traffic data capture and analysis 87100

Atiquzzaman, M. *see* Saleh, M. 78310

Atiquzzaman, M. *see* Zhou, B. 77686

Atkin, D.J. Government ambivalence towards telephone regulation: using past as prologue in the video dialtone debate 67707

Atkin, D.M. *see* Knight, J.C. 85031

Atkin, D.M. *see* Knight, J.C. 116058

Atkin, G.E. *see* Rahhal, J. 76699

Atkin, I.L., Abraham, E., Pegrum, C.M. Voltage-flux bistability in damped direct current SQUIDs 95505

Atkin, R.J. *see* Komura, S. 116135

Atkins, D.R. *see* Armstrong, M.J. 60527

Atkins, G.R. *see* Arkwright, J.W. 75459

Atkins, G.R. *see* Arkwright, J.W. 88540

Atkins, G.R. *see* Elango, P. 88608

Atkins, K. *see* Skipper, M.D. 61991

Atkins, M.S., Menke, M. Effects of head movements measured during PET scans 101342

Atkins, M.S. *see* Zuk, T.D. 120305

Atkins, S.L., Benghiat, K. Videotape–an illustrative tool for analysis of group and material interdependence 92065

Atkinson, A., Johnson, T., Harker, A.H., Jain, S.C. Film edge-induced stress in substrates and finite films 83801

Atkinson, A. *see* Pinardi, K. 105267

Atkinson, B. *see* Gilbert, D. 87820

Atkinson, D., Loh, W.H., O'Reilly, J.J., Laming, R.I. Numerical study of 10 cm chirped fibre grating pairs for dispersion compensation at 10 Gbit/s over 600 km of non-dispersion shifted fibre 78713

Atkinson, D., Loh, W.H., O'Reilly, J.J., Laming, R.I. Numerical study of 10-cm chirped-fiber grating pairs for dispersion compensation at 10 Gb/s over 600 km of nondispersion shifted fiber 85027

Atkinson, D. *see* Lob, W.H. 99578

Atkinson, D. *see* Loh, W.H. 78712

Atkinson, D. *see* Loh, W.H. 88653

Atkinson, D.J. Three phase bridge current controller with single sensor 121559

Atkinson, G.M. *see* Kubena, R.L. 64008

Atkinson, M. Program accelerates receiver and transmitter design 118778

Atkinson, R., O'Neill, M. Giant polar MO Kerr effect in high reflectance multilayer enhanced structures 106887

Atkinson, R.M. *see* Hogan, P.A. 82326

Atkinson, S.A., Nitschke, R.L. Risk management applications at the INEL for Advanced Test Reactor operations and safety and environmental restoration and waste management 81235

Atkinson-Hope, G., Petroianu, A. Power system harmonic field measurements and the application of standards including simulation 102321

Atlagic, B. *see* Maruna, V. 98628

Atlas, D.A., Pidgeon, R.E., Hess, D.W. Clipping limit in externally modulated lightwave CATV systems 88566

Atlas, L.E., Bernard, G.D., Narayanan, S.B. Applications of time-frequency analysis to signals from manufacturing and machine monitoring sensors 110102

Atlasis, A.F. *see* Vasilakos, A.V. 77637

Atluri, V., Herbots, N., Bhagvat, S., Whaley, S., Carpio, R., Fowler, B. H-passivation of Si(100) surfaces: Correlation with ion beam characterization (elastic recoil and nuclear resonance) and atomic force microscopy 63352

Atmanand, M.A., Konnur, M.S. A novel method of using a control valve for measurement and control of flow 110460

Atmanand, M.A., Kumar, V.J. Microcontroller based LCR meter 119562

Atmanand, M.A., Kumar, V.J., Murti, V.G.K. A microcontroller-based quasi-balanced bridge for the measurement of L, C and R 69436

Atmuri, S.R., Chand, J., Woodford, D.A. Evaluating interaction between high speed power system controllers 80925

Atmuri, S.R. *see* Thallam, R.S. 111623

Atobe, O. *see* Ohashi, G. 101317

Atoda, N. *see* Hashimoto, M. 94853

Atoda, O., Okano, K., Tomisawa, M., Tamura, H. Programmatic filter–a design framework of high performance nonlinear filters for low-level picture processing 77500

Aton, T.J., Seitchik, J.A., Shichijo, H. Comparison of charge collection from energetic ions typical of neutron-recoil events with charge collection from alpha particle strikes 95123

Aton, T.J. *see* McKee, W.R. 93387

Atourian, S.M. *see* Egiazarian, K.O. 76958

Atri, A. *see* Bhattacharyya, A.B. 101436

Atsuchi, K. *see* Mochida, Y. 119638

Atsuki, K. *see* Li, K. 83488

Atsuki, K. *see* Li, K. 114192

Atsumi, M. *see* Kato, Y. 115224

Atsumi, S., Umezawa, A., Kuriyama, M., Banba, H., Ohtsuka, N., Tomita, N., Iyama, Y., Miyaba, T., Sudoh, R., Kamiya, E., Tanimoto, M., Hiura, Y., Araki, Y., Sakagami, E., Arai, N., Mori, S. A 3.3 V-only 16 Mb flash memory with row-decoding scheme 73349

Atsumi, T. *see* Seki, M. 109915

Atsumi, T. *see* Takahashi, K. 89428

Atsuta, M. *see* Yahata, A. 74688

Atsuta, T. *see* Fujii, H. 116316

Attaianese, C., Damiano, A., Marongiu, I., Perfetto, A. A linear oscillating reluctance drive 71608

Attaianese, C., Damiano, A., Marongio, I., Perfetto, A. End effects modelling in high anisotropy linear reluctance motor 81487

Attaianese, C., Damiano, A., Marongiu, I., Perfetto, A. Total digital vectorial control of an asynchronous motor: a prototypical realization 91800

Attaianese, C., Fusco, G., Marongiu, I., Perfetto, A. Parameter sensitivity of speed estimation in speed sensorless induction motor drives 91809

Attaianese, C., Marongiu, I., Perfetto, A. Improving the dynamic response of speed controlled electrical drives 71784

Attar, G., Karthikeyan, S., Natarajan, H., Nierman, D., Zafar, S., Ferekides, C.S., Morel, D.L. The effect of interface states on $CuInSe_2$ solar cells 112369

Attaran, M. Automated test of RF components 99833

Attari, M., Boudjema, F., Heniche, M. An artificial neural network to linearize a G (tungsten vs. tungsten 26% rhenium) thermocouple characteristic in the range of zero to 2000°C 69549

Attari, M., Fabry, P. Measuring the selectivity coefficients of a sodium sensor based on ceramic membrane 119648

Attari, M., Heniche, M., Boudjema, F. A two dimensional intelligent calibration of an ion sensor 110142

Attas, E.M., Burton, G.R., Chen, J.D., Hildingsson, L., Nilsson, A., Trepte, O., Young, G.J. Ultraviolet digital imaging for nuclear safeguards 102404

Attewell, A., Keily, T. *(editors)* Power Sources 15. Research and Development in Non-Mechanical Electrical Power Sources. The 19th International Power Sources Symposium 103237

Attia, M. *see* Guibert, L. 95849

Attias, H. *see* Alhassid, Y. 94555

Attie, P.C., Emerson, E.A. Synthesis of concurrent systems for an atomic read/atomic write model of computation 98481

Attikiouzel, Y. *see* Bezdek, J.C. 108558

Attikiouzel, Y. *see* Rasiah, A.I. 70110

Attili, J.B., Fries, R.W., Chan, C.L., Blackman, S., Singer, P.F., Dempster, R.J. False track discrimination in a 3-D signal/track processor 108651

Attili, J.B. *see* Chan, C.L. 108548

Attolico, G. *see* Branca, A. 117880

Attolini, G., Chimenti, E., Franzosi, P., Gennari, S., Pelosi, C., Lottici, P.P. Morphological characterization and strain release of GaAs/InAs (001) heterostructures 92733

Attolini, G. *see* Lottici, P.P. 82659

Attolini, G. *see* Parente, F. 118226

Attouch, H. Viscosity solutions of minimization problems 103697

Attridge, G.G. *see* Ford, A.M. 79607

Attridge, G.G. *see* Haine, N.J. 79606

Attwater, D.J. *see* Whittaker, S.J. 67660

Atwater, H.A. *see* Min, K.S. 62836

Atwater, H.A. *see* Taylor, M.E. 113361

Atwater, H.A. *see* Yang, C.M. 72800

Atwater, J.E., Akse, J.R., DeHart, J., Wheeler, R.R., Jr. Reagentless chemiluminescence based fiber optic sensors for regenerative life support in space 79455

Atwood, C.L. Constrained noninformative priors in risk assessment 92102

Atwood, J.W. *see* Agarwal, A. 118154

Atyeo, M., Robinson, S. Delivering competitive edge 118202

Atzema, B., Zwemstra, T. Exploit analog IFA to improve specification based tests [of SC circuits] 73533

Atzeni, C. *see* Tortoli, P. 90375

Atzeni, S. *see* Hofmann, I. 69647

Atzmon, Z., Bair, A.E., Alford, T.L., Chandrasekhar, D., Smith, D.J., Mayer, J.W. Heteroepitaxial $Si_{1-x-y}Ge_xC_y$ layer growth on (100)Si by atmospheric pressure chemical vapor deposition 113347

Atzmon, Z. *see* Eyal, A. 83968

Atzmony, U., Livne, Z., McMichael, R.D., Bennett, L.H. Magnetic viscosity investigations of nanograin iron powder 64306

Atzmony, U. *see* Bennett, L.H. 115527

Au, A.W.Y. *see* Leung, V.C.M. 87756

Au, M.H. Developing competition in local fixed networks in Hong Kong 87547

Au, O.C. Locally optimal and suboptimal signal detection in transformation noise 66618

Au, O.C. On sensitivity of detector structures to contaminants in non-white mixture noise model 97727

Au, S., Leung, B. A 1.95 V, 0.34 mW 12-bit sigma-delta modulator stabilized by local feedback loops 114027

Au, S. *see* Bo-Rong Shi 105548

Au, S. *see* Zhenghao Chen 105533

Au Kong Jin *see* Jin Au Kong

Au Tat-Ming *see* Tat-Ming Au

Au Tsien Ming *see* Tsien Ming Au

Aubel, D., Kubler, L., Bischoff, J.L., Bolmont, D. Ge segregation tested by X-ray photoelectron diffraction and surface atom titration during the first stage of Si heteroepitaxy on Ge(001)2×1 82624

Aubel, D., Kubler, L., Bischoff, J.L., Simon, L., Bolmont, S.D. X-ray photoelectron diffraction investigation of Ge segregation and film morphology during first stage heteroepitaxy of Si on Ge(001) 82597

Aubert, A. *see* Morche, D. 104632

Aubert, B. *see* Pelegrini, M. 80225

Aubert, B.A. *see* Ricard, M.R. 101260

Aubert, G. *see* Deriche, R. 86839

Aubert, H. *see* Azizi, M. 107975

Aubert, J.J. *see* Dentan, M. 90222

Aubert, J.J. *see* Dentan, M. 95214

Aubert, J.J. *see* Nunzi, J.M. 85629

Aubert, J.P. *see* Dautriche, P. 104625

Auberton-Herve, A.J., Barge, T., Aspar, B. SIMOX technology and applications to wafer bonding 63150

Auberton-Herve, A.J. *see* Paillet, P. 74495

Auberton-Herve, A.J. *see* Paillet, P. 105508

Aubin, D.P. *see* Rahman, M.D. 105804

Aubin, G., Jeanney, E., Montalant, T., Moulu, J., Pirio, F., Thomine, J.-B., Devaux, F., Souli, N. Record 20-gigabit-per-second 200-km repeater span transoceanic soliton transmission using in-line remote pumping 99581

Auble, R.L. *see* Dowling, D.T. 100713

Auble, R.L. *see* Meigs, M.J. 79886

Aubourg, M. *see* Cros, D. 83319

Aubourg, M. *see* Madrangeas, S. 93061

Aubourg, M. *see* Nigon, F. 93722

Aubourg, M. *see* Nigon, F. 114241

Aubourg, M. *see* Rada, K. 93705

Aubrecht, V. Prediction of radiative heat transfer in SF_6 arc plasma using the method of partial characteristics 81619

Aubret, C. *see* Adam, W. 69709

Aubreton, T., Dufrane, P., Jecko, B. Influence of the conducting support on the coupling between two microstrip antennas 66068

Aubreton, T. *see* Beillard, B. 65770

Aubrey, G.J. *see* Cohen, C.E. 70392

Aubrey, T.A. *see* Jian-Guo Wang 107911

Aubrey, T.A. *see* Liu, Z.M. 97030

Aubry, J.-F. *see* Malleus, P. 91667

Aubry, J.-F. *see* Malleus, P. 91668

Aubry, P. *see* Hesketh, J.A. 81322

Aubry, Y. *see* Mollier, J.C. 79415

Aubuchon, S.R., Lube, M.S., Wells, R.L. Preparation and thermolysis of a single-source precursor to gallium arsenide phosphide 72908
Auch, S. *see* Kleffner, C.-M. 89724
Auchstetter, T. Tips on fitting the best motor 92007
Auchter, C. *see* Kastner, M.J. 74178
Auciello, O., Kingon, A.I., Krupanidhi, S.B. Sputter synthesis of ferroelectric films and heterostructures 92933
Auciello, O., Ramesh, R. Laser-ablation deposition and characterization of ferroelectric capacitors for nonvolatile memories 92934
Auciello, O., Ramesh, R. Electroceramic thin films. II. Device applications 115459
Auciello, O., Ray, M.A., Palmer, D., Duarte, J., Ball, C., McGuire, G.E., Temple, D. Low voltage electron emission from $Pb(Zr_xTi_{1-x})O_3$-based thin film cathodes 73949
Auciello, O., Yadon, L., Temple, D., Mancusi, J.E., McGuire, G.E., Hirsch, E., Gray, H.F., Tang, C.M. Ion bombardment sharpening of field emitter arrays 74015
Auciello, O. *see* Gruverman, A. 64082
Auciello, O. *see* Jeon-Kook Lee 84714
Auckland, D.W., McGrail, A.J., Smith, C.D., Varlow, B.R., Zhao, J., Zhu, D. Application of ultrasound to the inspection of insulation 70951
Auckland, D.W., Pickup, I.E.D., Shuttleworth, R., Zhou, C. A case-based approach to alternator modelling 71269
Auckland, D.W., Taha, A., Varlow, B.R. Mechanical interaction of electrical trees and barriers in insulating resins 106370
Auckland, D.W. *see* Alghamdi, A.S.G. 84705
Aucoin, L.M. *see* Simon, K.M. 83424
Aud, S.J. *see* Khoshgoftaar, T.M. 98525
Audagnotto, P. *see* Angelucci, A. 66038
Audagnotto, P. *see* Angelucci, A. 76667
Audagnotto, P. *see* Conti, P. 95057
Audaire, L. *see* Simonne, J.J. 110157
Audeh, M.D., Kahn, J.M., Barry, J.R. Performance of pulse-position modulation on measured non-directed indoor infrared channels 78740
Audeh, M.D. *see* Lee, D.C. 87728
Audeh, N.F. *see* Mahafza, B.R. 88666
Audenino, A.L., Belingardi, G. Processing of simultaneous mechanical random response signals: integration, differentiation and phase shifts correction 86244
Audenino, A.L., Zanetti, E.M., Calderale, P.M. Radiograph processing for quantitative assessment of bone remodelling 90402
Audestad, J. *see* van Thanh, D. 118996
Audet, D., Savaria, Y. High-speed interconnections using true single-phase clocking 61700
Audhuy-Peaudecerf, M. *see* Boudiaf, A. 71906
Audhuy-Peaudecerf, M. *see* Licir, I. 104795
Audhuy-Peaudecerf, M. *see* Setti, L. 112608
Audier, M.F., Tribolet, P. Design of focal plane functions 69314
Audoin, B., Bescond, C., Deschamps, M. Measurement of stiffness coefficients of anisotropic materials from pointlike generation and detection of acoustic waves 119892
Audoin, B., Roux, J. An innovative application of the Hilbert transform to time delay estimation of overlapped ultrasonic echoes 66624
Audoly, C. *see* Roche, D. 100392
Audone, B., Bresciani, F. Signal processing in active shielding and direction-finding techniques 97190
Audouin, O., Hamaide, J.-P. Optimum fiber effective-area management in amplified optical links 64651
Audouin, O. *see* Bigo, S. 85668
Audouin, O. *see* Bigo, S. 116634
Audouin, O. *see* Brun-Maunand, E. 65457
Audouin, O. *see* Kolltveit, E. 119131
Audouin, O. *see* Leclerc, O. 78649
Audouy, C., Diez, H., Renaud, D. Synthesis of conformal array antennas 66136
Audren, P. *see* Gautier-Levine, A. 106074
Audy, J.M. 3rd order curvature corrected bandgap cell 82915
Aue, D. *see* Long Wang 74103
Aue, V., Fettweis, G.P. Multi-carrier spread spectrum modulation with reduced dynamic range 118867
Auer, E., Jugel, A. DBAS–A Digital Broadband Access System for flexible introduction of broadband services 117983
Auer, P. *see* Robkopf, V. 62995
Auer, R. *see* Schneider, R. 64533
Auer, T. *see* Kemppinen, M. 111125
Auer, U., Reuter, R., Ellrodt, P., Prost, W., Tegude, F.J. Characterization and analysis of a new gate leakage mechanism at high drain bias in InAlAs/InGaAs heterostructure field-effect transistors 106083
Auer, U. *see* Daumann, W. 104831
Auer, U. *see* Daumann, W. 104853
Auer, U. *see* Renter, R. 104841
Auer, U. *see* Reuter, R. 93795
Auer, U. *see* Seater, R. 104823
Auerbach, J.M., Lawson, J.K., Rotter, M.D., Sacks, R.A., van Wonterghem, B.W., Williams, W.H. Performance modeling of Beamlet 85567
Auerbach, J.M. *see* Barker, C.E. 85432
Auerbach, J.M. *see* Milonni, P.W. 85614
Auerbach, K. *see* Wellens, C. 118370
Auerbach, S.P. Target capture and target ghosts 108547
Auerbach, S.P., Hauser, L.E., Boynton, F.P., Janda, R.S., Sofianos, D.J. STAS: A code suite for space-time adaptive processing of IR images 111409
Auerhammer, J.M., Eliel, E.R. Frequency doubling of mid-infrared radiation in gallium selenide 76181
auf der Heide, F.Meyer *see* Meyer auf der Heide, F.
Aufermann, A., Eisele, J., Fink, H., Kreusel, J. Tailored to the user: air-insulated medium-voltage switchgear with a new safety concept 121786
Auffray, E., Beckers, T., Bourrotte, J. Performance of a cerium fluoride crystal matrix measured in high-energy particle beams 110595
Auffray, E. *see* Peigneux, J.P. 120164
Auffret, R. *see* Tillerot, F. 88050
Auffret, S. *see* Cowache, C. 84815
Aufinger, K., Bock, J., Meister, T.F., Popp, J. Noise characteristics of bipolar transistors fabricated in an advanced bipolar technology 84327
Aufinger, K., Bock, J., Meister, T.F., Popp, J. Noise characteristics of transistors fabricated in an advanced silicon bipolar technology 105895
Aufinger, K. *see* Bock, J. 84565
Augelli, V., Ligonzo, T., Pizzichetti, A., Quaranta, F., Schiavulli, L., Valentini, A. Optical and electrical properties of ZnOCdTe thin films 62760
Auger, F. *see* Chevrel, P. 120989
Auger, F. *see* Ploteau, J.P. 116823
Augier, P. *see* Derewonko, H. 73813
Augier, P. *see* Derewonko, H. 104875
Augier, P. *see* Prevost, G. 74741
Augier, P. *see* Prevosti, G. 106023
Augisto Filho, S.A. *see* Bottura, C.P. 81440
Augot, D. Newton's identities for minimum codewords of a family of alternant codes 66423
Augot, D. Description of minimum weight codewords of cyclic codes by algebraic systems 66544
Augot, D., Levy-dit-Vehel, F. Bounds on the minimum distance of the duals of BCH codes 76797
Augugliaro, A., Dusonchet, L., Mangione, S. An efficient greedy approach for minimum loss reconfiguration of distribution networks 70878
Augugliaro, A., Dusonchet, L., Mangione, S. Load influence on minimum loss reconfiguration of automated distribution networks 102123
Augur, R.A., Van den Elshout, F., Wolters, R.A.M. Interface diffusion and electromigration failure in narrow aluminium lines with barrier layers 115025
Augustin, A. *see* Ludwig, M.H. 114936
Augustin, B. *see* Pfleiderer, H. 81895
Augustin, D., Staraj, R., Benevello, O., Cambiaggio, E. Microstrip antennas printed on inclined planes to constitute original conformal phased arrays 76650
Augustin, D., Staraj, R., Cambiaggio, E. Theoretical and experimental analysis of microstrip phased arrays deposited on original conformal surfaces 66135
Augustin, D., Staraj, R., Cambiaggio, E., Papiernik, A. Microstrip phased array antennas printed on inclined planes 86001
Augustin, E.P. *see* Dunn, D.S. 66106
Augustin, E.P. *see* Dunn, D.S. 66162
Augustin, J.M., Le Suave, R., Lurton, X., Voisset, M., Dugelay, S., Satra, C. Contribution of the multibeam acoustic imagery to the exploration of the sea-bottom. Examples of SOPACMAPS 3 and ZoNeCo 1 cruises 111249
Augustine, F.L. *see* Barber, H.B. 101212
Augustine, F.L. *see* Marks, D.G. 80353
Augustine, F.L. *see* Marks, D.G. 101240
Augustine, G. *see* Brandt, C.D. 104054
Augustine, G. *see* Sinharoy, S. 82609
Augustine, G. *see* Sriram, S. 62274
Augustine, G. *see* Sriram, S. 83385
Augustine, J. *see* Damodare, R.P. 67046
Augustinus, A. *see* Adam, W. 69709
Augustson, R.H. *see* Qiao Shengzhong 69817
Augustyniak, B. *see* Sablik, M.J. 84783
Auh Keun Ho *see* Keun Ho Auh
Auinger, K. Complete congruences on lattices of (existence) varieties 92480
Aukema, J.S. *see* de Ridder, R.M. 64663
Aulchenko, V.M., Bondar, A.E., Nagaslaev, V.P., Tatarinov, A.A., Titov, V.M. Study of CAMEX chips for microstrip gas chamber readout in short cycles 100917
Auld, B.A. *see* Hossack, J.A. 106355
Auld, L. *see* Knuckey, M. 98915
Aulenbacher, K. *see* Drescher, P. 105007
Aulenbacher, K. *see* Hartmann, P. 120119
Aulet, A. *see* Negreira, C.A. 106367
Aulin, T.M. *see* Hansson, U. 108382
Aull, B.F., Liau, Z.L., Maki, P.A. The development of an artificial retina based on smart-pixel and microlens arrays 67219
Aulombard, R.L. *see* Abounadi, A. 114769
Aulombard, R.L. *see* Briot, O. 104072
Aulombard, R.L. *see* Chergui, A. 76126
Aulombard, R.L. *see* Cloitre, T. 72772
Aulombard, R.L. *see* Cloitre, T. 72773
Aulombard, R.L. *see* Konczewicz, L. 74174
Aulombard, R.L. *see* Pages, O. 94465
Aum, P. *see* Xiao-Yu Li 63702
Aum, P.K., Dao, T. Non-destructive prognosis method of oxide degradation–a rapid monitoring of oxide energy band changes cause by semiconductor processing 106236
Aumala, O. Optimal filtering for data acquisition 110039
Aumala, O. *see* Sobolev, V. 109999
Aumayr, F. *see* Pockl, M. 107076
Aumuller, B. *see* Eversheim, P.D. 120080
Aun Yeap Soon *see* Soon Aun Yeap
Aune, B. *see* Chehab, R. 89714
Auracher, F. *see* Gottwald, E. 119203
Auran, P.G., Malvig, K.E. Real-time extraction of connected components in 3-D sonar range images 88728
Auran, T. *see* Kichimi, H. 69718
Aurbach, D., Ein-Eli, Y., Markovsky, B., Zaban, A., Schechter, A., Luski, S., Carmeli, Y., Yamin, H. A comparative study of lithium metal and Li-graphite intercalation electrodes in electrolyte solutions based on ethylene and diethyl carbonates (EC-DEC) 81660
Aurbach, D. *see* Mengeritsky, E. 102950
Aurdal, L. *see* Geraud, T. 101242
Aureli, G., Betti, S., Bravi, E., Di Biase, V.C., Giaconi, M. Effect of clipping impulsive noise in a hybrid optical-fiber/coaxial network for transmission of subcarrier-multiplexing (SCM) analog and digital channels 78242
Aureli, G. *see* Passeri, P. 98922
Aurelle, N., Guyomar, D., Richard, C., Gonnard, P., Eyraud, L. Nonlinear behavior of an ultrasonic transducer 101600
Auric, P. *see* Richomme, F. 95360
Auricchio, C., Bez, R., Grossi, A. Narrow width effects in CMOS n(p)-well resistors 115341
Aurich, J., Michel, M. Interconnection between network and semiconductor simulation tools 73058
Auriga, D. Effectiveness of some automatic track initiation algorithms for manoeuvring targets in radar coverage 99609
Aurirh, J., Michel, M. Connection of nonlinear elements to a linear network by external Thevenin resistance determination 113698
Aurrecoechea, C. *see* Campbell, A. 118593
Aurud, T. *see* Runde, M. 121822
Ausdeln, L.A.Van *see* Van Ausdeln, L.A.
Ausherman, D.A. *see* Adams, G.F. 111419
Auslander, D. *see* Decotignie, J.-D. 87849
Aussems, C. *see* Bolt, M. 115335
Ausset, P., Charruau, G., Etzkorn, F.J., Fougeron, C., Meuth, H., Papureanu, S., Schnase, A. A high-power multiple-harmonic acceleration system for proton- and heavy-ion synchrotrons 100679
Aust, E. *see* Herminghaus, S. 106850
Aust, E.F. *see* Weiss, S. 85677
Aust, M. The adjustment dilemma [calibration] 79214
Aust, M.V., Huang, T.W., Dufault, M., Wang, H., Lo, D.C.W., Lai, R., Biedenbender, M., Yang, C.C. Ultra low noise Q-band monolithic amplifiers using InP- and GaAs-based 0.1 μm HEMT technologies 83435
Austin, B. Signals from the Sun 109840
Austin, D.E., Hepfer, K.C., Rudzinsky, M.R. NSWCDD weather databases and their use in prediction of atmospheric transmission in the infrared (IR) 70579
Austin, E.L., Lewis, A.R. Is your solder paste "dispensable"? [SMT] 94100
Austin, E.M., Inman, D.J., Huang, S.-C. Design considerations for active constrained layer damping treatments 104188
Austin, J. *see* Vilar, E. 97136
Austin, L., Waschka, R., II Computer music for compact disc: composition, production, audience 88877
Austin, L.D. *see* Guthrie, R.A. 67736
Austin, M. *see* Durandet, A. 75546
Austin, M. *see* Krolikowski, W. 116720
Austin, M.D., Stuber, G.L. In-service signal quality estimation for TDMA cellular systems 88376
Austin, M.D., Stuber, G.L. Direction biased handoff algorithms for urban microcells 118923
Austin, M.W. *see* Kuver, A. 75591
Austin, P. *see* Charitat, G. 63714
Austin, P. *see* Sanchez, J.L. 106109
Austin, P.R., Farrington, M.D. Airworthiness of lithium batteries. II. Practical and regulatory issues in aerospace applications 112183
Austin, R.A., Minamitani, T., Ramsey, B.D. A hard X-ray imaging polarimeter for balloon-borne astronomy 101020
Austin, R.F. *see* Feldman, R.D. 68470
Austin, R.H. *see* Krishnaswamy, J. 76058
Austin, R.H. *see* Krishnaswamy, J. 96493
Austin, R.H. *see* Lehrman, I.S. 76064
Austin, W., Sheatler, R. Transients vs electronic circuits: survival of the fittest–part II: ESD immunity and transient current capability for electronic protection array circuits 73088
Austing, D.G., Honda, T., Tarucha, S. Single electron charging and single electron tunneling in submicron AlGaAs/GaAs double barrier transistor structures 63816
Austing, D.G. *see* Tarucha, S. 114792
Austruy, P. *see* Widmer, A. 78352
Autar, R.K. An automated diagnostic expert system for diesel engines 103384
Auten, R. *see* Silver, A. 93198

Auteri, F.P. *see* Eckburg, J.J. 80411
Autiero, D., Baldo-Ceolin, M., Barichello, G., Bianchi-Bonaiti, V., Bobisut, F., Cardini, A., Cattaneo, P.W., Cavasinni, V., Conta, C., Del Prete, T., De Santo, A., Di Lella, L., Ferrari, R., Flaminio, V., Fraternali, M., Gibin, D., Gninenko, S.N., Guglielmi, A., Iacopini, E., Kovzelev, A.V., La Rotonda, L., Lanza, A., Laveder, M., Lazzeroni, C., Livan, M., Mezzetto, M., Orestano, D., Pastore, F., Pennacchio, E., Petti, R., Polesello, G., Renzoni, G., Rimoldi, A., Roda, C., Sconza, A., Sobczynski, C., Valdata-Nappi, M., Vascon, M., Vercesi, V., Visentin, L., Volkov, S.A. The electromagnetic calorimeter of the NOMAD experiment 80006
Autiero, D., Baldo-Ceolin, M., Bobisut, F., Cardini, A., Cattaneo, P., Cavasinni, V., Conta, C., Del Prete, T., De Santo, A., Ferrari, R., Flaminio, V., Fraternali, M., Gibin, D., Gninenko, S.N., Grabit, R., Guglielmi, A., Iacopini, E., Kovzelev, A.V., La Rotonda, L., Lanza, A., Laveder, M., Martelli, F., Mezzetto, M., Pastore, F., Pennacchio, E., Polesello, G., Renzoni, G., Ricci, C., Roda, C., Sconza, A., Stefanini, G., Valdata-Nappi, M., Veltri, M., Visentin, L., Volkov, S.A. A high stability light emitting diode system for monitoring lead glass electromagnetic calorimeters 69815
Autin, B., Corsini, R. Generation of a 30 GHz train of bunches using a magnetic switch-yard 89669
Autin, B., Hemelsoet, G.H., Martini, M., Wildner, E. Automatic beam steering in the CERN PS Complex 89923
Autinger, K. *see* Treitinger, L. 73798
Autio, C. *see* Tsai, M.C. 88700
Autran, J.L., Chabrerie, C. Use of the charge pumping technique with a sinusoidal gate waveform 95010
Autran, J.L. *see* Martini, M. 74496
Autran, J.L. *see* Martini, M. 105517
Autran, J.L. *see* Paillet, P. 74495
Autran, J.L. *see* Paillet, P. 105508
Autric, M. *see* Movtchan, I.A. 94625
Autric, M. *see* Nicolas, G. 105729
Autric, M. *see* Sarnet, T. 103419
Autry, C.B., Owen, H.L. Minimization of the accumulated phase change at the input of SDH/SONET desynchronizers 108764
Auvergne, D. *see* Deschacht, D. 93261
Auvergne, D. *see* Turgis, S. 73227
Auvray, M. *see* Gouronnec, A. 84981
Auyeung, R.C.Y. *see* Chrisey, D.B. 104101
Auzel, F. *see* Gibart, P. 112394
Avakian, H., Bianchi, N., Capitani, G.P. Performance of F101 radiation resistant lead glass shower counters 110594
Avakyants, L.I., Dobychin, B.M., Charikov, A.V., Chernyak, V.M. Nd:glass fiber-bundle laser for technological applications 107146
Avalle, C.A. *see* Poggio, A.J. 70389
Avallone, F., D'Apuzzo, M., De Capua, C. A digital measurement technique for EMI tests on variable speed drives 121926
Avallone, F., Daponte, P., Grimaldi, D. Current transducer behaviour in a noisy environment 104901
Avallone, F., De Capua, C., Landi, C. Measurement station performance optimization for testing on high efficiency variable speed drives 112472
Avallone, F. *see* Arpaia, P. 71484
Avalos, J. *see* Savir, E. 114571
Avalos-Borja, M., Hirata, G.A., Contreras, O., Ning, X.G., Duarte-Moller, A., Barna, A. TEM and PEELS characterization of diamond films grown on Si substrates 104152
Avanesov, M.A. *see* Ivanov-Smolenskii, A.V. 71228
Avanic, B.L. *see* Roy, S.K. 65212
Avanzini, C., Costantini, F., Fidecaro, F., Gorini, B., Laico, F., Magazzu, G., Marzulli, V., Morasni, F., Passuello, D., Pierazzini, G., Tripiccione, R., Rossi, F. The PeakSum Processing System for the NA48 experiment: a VLSI based processor 90225
Avanzini, C., Costantini, F., Fidecaro, F., Gorini, B., Laico, F., Magazzu, G., Morsani, F., Passuello, D., Pierazzini, G., Tripiccione, R., Rossi, F. The PeakSum processing system for the NA48 experiment 100959
Avanzini, C. *see* Bacci, C. 100845
Avanzolini, G. *see* Cavalcanti, S. 120415
Avaritsiotis, J. *see* Vlachos, D. 119764
Avaritsiotis, J.N. *see* Loupis, M.I. 94846
Avaritsiotis, J.N. *see* Papadopoulos, C.A. 69354
Avaritsiotis, J.N. *see* Vlachos, D.S. 100157
Avasthi, D.K. *see* Sharda, T. 61391
Avbelj, V. *see* Trobec, R. 98392
Avdeev, A.A. *see* Usanov, D.A. 104815
Avdeev, S.A. *see* Semashko, A.N. 108642
Avdejchikov, V.V. *see* Moszynski, M. 69830
Avdelas, G., Simos, T.E. A generator of high-order embedded P-stable methods for the numerical solution of the Schrodinger equation 92621
Avdocheno, I. *see* Titov, A.A. 93156
Avebe Zibi, A. *see* Ndjountche, T. 114072
Avella, M. *see* Alvarez, A. 75686
Aven, T., Opdal, K. On the steady state unavailability of standby systems 72342
Aven, T. *see* Haukas, H. 60701
Avenhaus, B. *see* Lancaster, M.J. 93696
Avenier, M. *see* Abbes, M. 90145
Avent, R.K. An adjunct weather radar system based on a modular software design 109753
Avent, R.K., Shelton, J.D., Brown, P. The ALCOR C-band imaging radar 90900
Averbeck, R. *see* Tews, H. 116217
Averbuch, A. *see* Vozovoi, L. 61046
Averbukh, T.G., Milovanov, A.F. Statistical investigation of the parameters of volt-ampere characteristics of silicon photoconverters 81872
Averbukh, T.G., Milovanov, A.F. The concept of an effective surface recombination rate for solving problems of carrier transfer in photoconverters 102974
Averett, T. Operation of polarized $^{15}NH_3$ and $^{15}ND_3$ targets in a high intensity electron beam: SLAC-E143 target report 120107
Averichev, S.A. *see* Baldin, A.M. 90061
Averill, D.A. *see* Adams, M. 110591
Averill, R. *see* Jacobs, K. 79916
Averill, R. *see* Zwart, T. 79825
Averin, S., Sachot, R., Hugi, J., de Fays, M., Ilegems, M. Two-dimensional device modeling and analysis of GaInAs metal-semiconductor-metal photodiode structures 94637
Averjanov, V.P. *see* Danilov, O.B. 116364
Averous, M. *see* Abounadi, A. 114769
Averous, M. *see* Dos Santos, O. 84293
Averous, M. *see* Mahoukou, F. 83839
Aversa, C., Sipe, J.E. Coherent current control in semiconductors: a susceptibility perspective 107505
Averty, D. *see* Le Bihan, R. 106362
Aver'yanov, S.G., Dotsenko, K.A., Larkin, A.I. Characteristics of recording fast processes in partially coherent light 116771
Avetisjan, G.H., Kulikov, V.B., Kotov, V.P., Erkin, A.K., Zalevsky, I.D. Quantum well infrared photodetector array on a basis of GaAs-AlGaAs MQW, grown by MOCVD 99978
Avetisov, V.G., Kauranen, P. Two-tone frequency-modulation spectroscopy for quantitative measurements of gaseous species: theoretical, numerical, and experimental investigation of line shapes 110430
Avetissian, S.K., Melikian, A.O., Minassian, H.R. Polarization dependence of two-photon absorption in $GaAs/Ga_{1-x}Al_xAs$ heterostructures 83928
Avey, A.A. *see* Hill, R.H. 63496
Avgul', L.B. Polynomial expansion of Boolean functions by the threefold triangle method 113900
Avidan, S. *see* Rousso, B. 86456
Avidan, S. *see* Shashua, A. 67290
Avila, P., Casals, A. Toward a distributed network of intelligent substation alarm processors 71601
Avila, R.E. *see* Retuert, P.J. 72855
Aviles, R., Ajuria, M.B.G., Hormaza, M.V., Hernandez, A. A procedure based on finite elements for the solution of nonlinear problems in the kinematic analysis of mechanisms 72720
Avilov, V.V., Vicanek, M., Simon, G. Thermal diffusion in laser beam welding of metals 65596
Avis, N.J. *see* Kleinermann, K. 101360
Avis, R.J.A., Sato, I. Betacam SX–a revolution for news gathering 119430
Avison, D. *see* Eardley, A. 72160
Avitabile, G., Cidronali, A., Manes, G., Biffi Gentili, G. Coupling between inductances in GaAs MMIC design 93900
Avitabile, G., Salvador, C., Gentili, G.B. A low-cost active antenna for personal communications 85988
Avitabile, G. *see* Soffici, G. 97344
Avlakeotes, S. *see* Flack, W.W. 115074
Avny, Y. *see* Davidov, D. 64962
Avolio, E. *see* Ruppert Filho, E. 102704
Avrahami, Y. *see* Zolotoyabko, E. 75512
Avrakhov, P.V. *see* Dolbilov, G.V. 94192
Avramenko, S., Kiselev, V., Pavlenko, A. High-temperature thermal resistors based on silicon carbide 93951
Avramenko, S.F., Kalabukhova, E.N., Kiselev, V.S. Avalanche light-emitting diodes based on silicon carbide 107015
Avramescu, M., Segarceanu, D., Tanase, C. Evaluation of AC motors thermal life 91440
Avramescu, M. *see* Segarceanu, D. 91275
Avramov, I.D. *see* Boyanov, B.I. 106436
Avramov, K.V., Serebryannikov, A.E. Interpolation and iterative approach to numerical simulation of non-stationary problems of electrodynamics 76415
Avril, H., Tropper, C. The dynamic load balancing of Clustered Time Warp for logic simulation 73039
Avrillon, S. Study of a pMOS pixel detector 80018
Avrillon, S., Ikeda, H., Matsuda, T., Asano, Y., Tsuchiya, S., Saitoh, Y., Inoue, M., Yamanaka, J. Performance of a pMOS pixel to be used in radiation detectors 80033
Avrillon, S., Ikeda, H., Matsuda, T., Asano, Y., Tsuchiya, S., Saitoh, Y., Inoue, M., Yamanaka, J. Performance of a pMOS pixel to be used in radiation detectors 100851
Avrillon, S. *see* Hazumi, M. 100854
Avrillon, S. *see* Saitoh, Y. 80027
Avrillon, S. *see* Saitoh, Y. 100838
Avrillon, S. *see* Tsuboyama, T. 100836
Avrov, D.D., Bakin, A.S., Dorozhkin, S.I. Micropipes migration mechanisms in silicon carbide 105214
Avrutin, E.A. *see* Marsh, J.H. 73689
Avrutin, E.A. *see* Nemenov, M.I. 96247
Avrutin, V.S., Izumskaya, N.F., Hartman, Y.M., Andreeva, A.V., Vyatkin, A.F., Melnik, N.N. Causes of cracking of vacuum deposited thick amorphous silicon film 83798
Avrutskii, I.A., Akhlestina, S.A., Dianov, E.M., Zvonkov, N.B., Lin'kova, E.R., Maksimov, G.A. Single-mode emission from injection lasers with a trapezoidal active region 107332
Avset, B.S., Evensen, L. The effect of metal field plates on multiguard structures with floating p^+ guard rings 110563
Avset, B.S. *see* Westgaard, T.I. 110566
Aw Chye Huat *see* Chye Huat Aw
Awad, A.M. *see* Azzam, M.M. 92432
Awad, H.P.I. *see* Kozlov, V.A. 96224
Awad, H.R.I., Vlasenko, O.A., Zavartsev, Yu.D., Zagumennyi, A.I., Kozlov, V.A., Studenikin, P.A., Shcherbakov, I.A. Laser diode-optical fiber pumping system for solid-state lasers 107186
Awad, M., Baker, E., Bonanos, P., Bronner, G., Ilic, A., O'Neill, D., Ramakrishnan, S. TFTR-MG uprate, analysis and performance 103052
Awad, R. *see* Parpal, J.-L. 121168
Awada, K.A., Jackson, D.R., Wilton, D.R., Williams, J.T. Closed-form evaluation of flux integrals appearing in a FEM solution of the 2D Poisson equation with dipole sources 65651
Awadalla, K.H. *see* Zainud-Deen, S.H. 97347
Awadelkarim, O.O. *see* Fonash, S.J. 105975
Awadelkarim, O.O. *see* Okandan, M. 94967
Awadelkarim, O.O. *see* Okandan, M. 105988
Awadelkarim, O.O. *see* Salah, A. 105987
Awai, I., Yamashita, T. Coupling of dual modes in a dielectric waveguide resonator and its application to bandpass filters 93746
Awai, I. *see* Kubo, H. 97309
Awai, I. *see* Yan, H. 106635
Awaji, N., Sugita, Y., Nakanishi, T., Ohkubo, S., Takasaki, K., Komiya, S. High-precision X-ray reflectivity study of ultrathin SiO_2 on Si 84131
Awaji, S., Watanabe, K., Kobayashi, N., Yamane, H., Hirai, T. High field properties of irreversibility field and pinning force for $YBa_2Cu_3O_7$ film 95404
Awaji, S. *see* Iwasaki, S. 95536
Awaji, S. *see* Kimura, K. 84923
Awaji, S. *see* Watanabe, K. 95529
Awaji, S. *see* Watazawa, K. 95539
Awamoto, K. *see* Kanno, T. 69273
Awan, S.A., Sali, S., Friend, C.M., Beales, T.P. Transport AC losses and nonlinear inductance in high temperature superconductors 95435
Awane, K. LCD research and business in Sharp Corporation 89305
Awane, K. *see* Hamada, H. 89267
Awane, K. *see* Yamashita, T. 88839
Awang, Z., Tu, Y.L., Miles, R.E., Milne, S.J. Fabrication of bulk acoustic wave resonators using sol-gel derived lead zirconate titanate thin films 84759
Awano, H. *see* Takamura, T. 112306
Awano, Y. *see* Wirner, C. 105860
Awanto, C., Adj, M., Vianou, A., Girardey, A. Sizing procedure for photovoltaic refrigerating systems using a simple approach of the LLP calculation 71925
Awasthy, B.R., Singh, P.K., Kumar, R., Gupta, H.P., Singh, S.N., Das, B.K. Titanium dioxide thin films by spin techniques using di-acetyl acetate di-isopropyl titanate 112413
Awatsuji, Y., Sakamoto, N., Utsuro, H., Tanida, J., Ichioka, Y. Optical array logic network computing (OAL-NC): concept and implementation 85186
Awaya, N., Arita, Y., Inokawa, H., Kobayashi, T. Copper interconnection technology for silicon large scale integrated circuits 84202
Awaya, N., Inokawa, H., Yamamoto, E., Okazaki, Y., Miyake, M., Arita, Y., Kobayashi, T. Evaluation of a copper metallization process and the electrical characteristics of copper-interconnected quarter-micron CMOS 95175
Awazu, K., Onuki, H. Photo-stimulated structural change in a-SiO_2 film with undulator radiation 114975
Awerbuch, B., Azar, Y., Fiat, A. Packet routing via min-cost circuit routing 87365
Awerbuch, B., Azar, Y., Fiat, A., Leighton, T. Making commitments in the face of uncertainty: how to pick a winner almost every time 92411
Awerbuch, B. *see* Afek, Y. 87683
Awes, T.C. *see* Britton, C.L., Jr. 80132
Awes, T.C. *see* Britton, C.L., Jr. 100979
Awschalom, D.D. *see* Crooker, S.A. 75912
Awschalom, D.D. *see* Levy, J. 74329
Awwal, A.A.S. *see* Karim, M.A. 79608
Awwal, A.A.S. *see* Shafiqul Khalid, A.T.M. 113929
Ax, G.R., Jr, Buss, J.R. Navy EO sensor testbed development for infrared search and track 69269
Axel, J. A top-down physical design methodology for reducing design prototypes [PCBs] 94007
Axel, L. *see* Jinah Park 80266
Axelrad, P., Comp, C.J., Macdoran, P.F. SNR-based multipath error correction for GPS differential phase 68321
Axelsen, P. *see* Drysdale, A. 91326
Axelson, P.W. *see* Chesney, D.A. 110949
Axelson, S.R. *see* Willkens, C.A. 112620
Axelsson, B., Persliden, J., Schuwert, P. Dosimetry for computed tomography examination of children 80504

Axelsson, O. On algebraic multilevel preconditioning methods 61001
Axelsson-Jacobson, C., Defrise, M., Danielsson, P.-E., Clack, R., Noo, F. 3D-reconstruction using cone-beam backprojection, the Radon transform and linogram techniques 90419
Axelsson-Jacobson, C., Guillemaud, R., Danielsson, P.-E., Grangeat, P., Defrise, M., Clack, R. Comparison of three 3D-reconstruction methods from cone-beam data 80243
Axness, T.A. *see* Kopp, B.A. 97368
Axon, R.T. *see* Schindler, J.J. 104924
Axtner, R. *see* Peuser, P. 107167
Ayache, A. *see* Riyanto, T. 89167
Ayache, N. *see* Bardinet, E. 70018
Ayache, N. *see* Feldmar, J. 87193
Ayache, N. *see* Feldmar, J. 110709
Ayache, N. *see* Pennec, X. 86418
Ayachi, M. *see* Bauer, R. 100920
Ayad, B., Faucon, G. Acoustic echo and noise cancelling for hands-free communication systems 67974
Ayad, B. *see* Jeannes, R.LeB. 117275
Ayadi, Z.Ben *see* Ben Ayadi, Z.
Ayai, N. *see* Iwasa, Y. 95601
Ayala, D.E. *see* Hermida, R.C. 90269
Ayani, R. *see* Ronngren, R. 78466
Ayanoglu, E. Reduction of restoration capacity requirements in advanced optical networks 78865
Ayanoglu, E. Adaptive ARQ/FEC for multitone transmission in wireless networks 87289
Ayanoglu, E., Eng, K.Y., Karol, M.J. Wireless ATM: limits, challenges, and proposals 108773
Ayanoglu, E., Gitlin, R.D. Broadband network restoration 87868
Ayanoglu, E. *see* Gibong Jeong 88515
Ayar, E. IR communication systems offer reliability, easy installation 119144
Aybay, I., Cetinkaya, S., Halici, U. Classification of neural network hardware 114167
Aydaraliev, M. *see* Bresler, M.S. 116506
Aydil, E.S. In situ real-time diagnostics of surfaces during plasma processing: A review 63400
Aydil, E.S. *see* Deshmukh, S.C. 61378
Aydil, E.S. *see* Han, S.M. 92822
Aydin, K., Park, S.-H. Simulation of dual-polarization bistatic scattering from rain and hail 120751
Aydin, K., Walsh, T.M. Computational study of millimeter wave scattering from bullet rosette type ice crystals 120752
Aydin, T., Yemez, Y., Anarim, E., Sankur, B. Multidirectional and multiscale edge detection via M-band wavelet transform 108500
Ayel, J. *see* Belakhdar, O. 87839
Ayela, C. *see* Sanchez, J.L. 106109
Ayela, F., Bret, J.L., Chaussy, J. The analogy between an RF SQUID and a superconducting loop subjected to a periodic thermal modulation 64545
Ayer, S. *see* Sawhney, H.S. 98298
Ayers, J. *see* Hubbard, R.F. 61415
Ayers, J.E. *see* Gokhale, M.R. 103855
Ayers, M.J. *see* Qi, N. 112588
Aygolu, U. *see* Altunbas, I. 76756
Ayhan, T. *see* Esen, M. 91766
Ayland, N. *see* Junge, G. 99421
Aylett, B.J., Harding, I.S., Earwaker, L.G., Forcey, K., Giaddui, T. Metallisation of porous silicon by chemical vapour infiltration and deposition 94844
Aylett, B.J. *see* Giaddui, T. 92971
Ayliffe, M.H. *see* Plant, D.V. 85326
Ayling, S.G. *see* Ooi, B.S. 114852
Ayllon, F.G., Galan, J., Marin, A., Menendez, A. Price-directive decomposition applied to routing in telecommunication networks 87482
Ayllon, P.A. Modern manufacturing challenges of PC card assembly 62461
Ayllon, P.A. PCMCIA manufacturing challenges and developments 94090
Aylor, J.H. *see* Klenke, R.H. 110011
Aylor, J.H. *see* Srinivasan, S. 61726
Aylor, J.H. *see* Wolf, J.M. 73259
Aylward, S., Bullitt, E., Pizer, S., Eberly, D. Intensity ridge and widths for tubular object segmentation and description 110714
Aymami, J.A. *see* Kokabi, H.R. 93945
Aymard, N., Feliachi, M., Paya, B. An improved modified surface impedance for transverse electric (TE) problems 107701
Aymerich, X. *see* Nafria, M. 95251
Aymerich, X. *see* Servat, J. 84261
Ayoubi, M. *see* Ludwig, C. 103474
Ayoung-Chee, N., Dudek, G., Ferrie, F.P. A hybrid approach to 3D representation 117689
Ayral, J.L. OPO in the nanosecond range; state of the art and applications 76198
Ayras, P. *see* McNally, P.J. 74766
Ayre, M. *see* Bogner, R.E. 103332
Ayre, R.W., Groom, J., Piltz, D. The Bass Strait optical fibre cable system 78844
Ayres, A.M., Marinero, E.E. Exchange coupling in rare-earth/transition-metal multilayers for magnetic super-resolution 75174
Ayres, C.A., Barbi, I. Power recycler for DC power supplies burn-in test: design and experimentation 71408
Ayres, C.A., Barbi, I. CCM operation analysis of a family of converters for power recycling during the burn-in test of synchronized UPSs 121757
Ayres, J.R. *see* Armstrong, G.A. 95007
Ayres, J.R. *see* Brotherton, S.D. 84605
Aytug, H., Koehler, G.J. Stopping criteria for finite length genetic algorithms 72522
Ayukawa, D. *see* Ikuta, Y. 72313
Ayukawa, M. *see* Kanatani, Y. 100203
Ayupov, B.M. *see* Sharafutdinov, R.G. 61404
Ayyub, M., Murthy, S.S., Singh, B.P. Energy conservation through improved design of induction motor 111958
Azad, A.K., Misra, R.B. A new approach to evaluate two area interconnected power generating systems reliability 101841
Azad, A.K., Misra, R.B., Soman, K.P. Stochastic modelling of interconnected power generating system and its reliability evaluation by fast Fourier transform 111494
Azaiez, M.Naceur *see* Naceur Azaiez, M.
Azais, B., Vannel, J.P. Formatting and numerical processing of irradiation tests results 103408
Azais, F. *see* Renovell, M. 62056
Azais, F. *see* Renovell, M. 106142
Azancot, Y. *see* Medved, D.B. 88523
Azar, K., Graebner, J.E. Experimental determination of thermal conductivity of printed wiring boards 104929
Azar, Y. *see* Awerbuch, B. 87365
Azar, Y. *see* Awerbuch, B. 92411
Azarbayejani, A. *see* Campbell, L.W. 117891
Azari, J., Ghanbari, M. Orwell-D: medium access control for data, speech and two-layer video 108861
Azarian, M.H. *see* Machcha, A.R. 106617
Azario, L. *see* Piermattei, A. 80516
Azaro, R., Caorsi, S., Franco, P., Gragnani, G.L. An experimental set-up for testing the coupling of an incident electromagnetic wave with an automobile harness 103146
Azarov, M.A., Drozdov, V.A., Troshchinenko, G.A. Influence of CO_2 impurities within laser medium on energy and spectral characteristics of HF and DF lasers 116356
Azdasht, G. *see* Aschenbrenner, R. 82264
Azdasht, G. *see* Aschenbrenner, R. 94119
Azefor, N. *see* Karacaoglu, U. 104864
Azegami, H., Onuki, J., Iljima, N., Sone, M., Kurebayashi, H., Fujita, H., Nakamura, K. High-speed calculation of simultaneous equations on multi DSP system 93467
Azegami, H. *see* Matsumoto, H. 93466
Azegami, K., Kashiwakura, S., Yamashita, K. Flexible FPGA architecture realized of general purpose SOG 61785
Azema, P. *see* Michel, F. 118107
Azemard, N. *see* Turgis, S. 73227
Azens, A., Kullman, L., Ragan, D.D., Granqvist, C.G., Hjorvarsson, B., Vaivars, G. Optical and electrochemical properties of DC magnetron sputtered Ti-Ce oxide films 75389
Azeredo Leme, C. *see* Rocha, D. 104638
Azevedo, F.M.de *see* de Azevedo, F.M.
Azevedo, G.Pires de *see* Pires de Azevedo, G.
Azevedo, H.R.de *see* de Azevedo, H.R.
Azevedo, M.M.de *see* de Azevedo, M.M.
Azevedo, R.M. *see* Barros, H.M. 111617
Azevedo, S., Rizo, P., Grangeat, P. Region-of-interest cone-beam computed tomography 80317
Azhari, H., Oliker, S., Rogers, W.J., Weiss, J.L., Shapiro, E.P. Three-dimensional mapping of acute ischemic regions using artificial neural networks and tagged MRI 70046
Aziev, Yu.A. *see* Askerov, S.G. 63569
Azimi, H.R. *see* Pearson, R.A. 112964
Azimi-Sadjadi, M.R., Shaikh, M.A., Bin Tian, Eis, K.E., Reinke, D. Neural network-based cloud detection/classification using textural and spectral features 120786
Azimi-Sadjadi, M.R. *see* Bin Tian 120787
Azimi-Sadjadi, M.R. *see* Hasan, M.A. 109812
Aziz, A. *see* Caronni, G. 118495
Aziz, A.Z.A., Yatim, B. Two dimensional object recognition using stochastic scale space tree grammar 86662
Aziz, H., Xu, G. A degradation mechanism of organic light-emitting devices 116252
Aziz, H.M., Tafazolli, R., Evans, B.G. Band sharing between CDMA based non-geostationary satellite-PCNs 88797
Aziz bin Mohd. Ramli Abd. *see* Abd. Aziz bin Mohd. Ramli
Azizan, M. *see* Debbagh, F. 74440
Azizi, A., El Chahal, L., Ounadjela, K., Deville, J.P., Thompson, S.M., Gregg, J.F. Structural characterization of epitaxial Co-Ag 75124
Azizi, M., Aubert, H., Baudrand, H. A new iterative method for scattering problems 107975
Azizoglu, M. Convexity properties in binary detection problems 77023
Azizoglu, M., Barry, R.A., Mokhtar, A. Impact of tuning delay on the performance of bandwidth-limited optical broadcast networks with uniform traffic 78733
Azizoglu, M. *see* Subramaniam, S. 87722
Azizoglu, M. *see* Subramaniam, S. 98774
Azorsky, N.I. *see* Dolbilov, G.V. 94192
Azoulay, R. *see* Lovering, D.J. 106910
Azrouf, S. *see* Gourgue, F. 68135
Azuhata, T. *see* Takagi, Y. 92713
Azuma, A. *see* Tsukamoto, Y. 80360
Azuma, H. *see* Ito, T. 105584
Azuma, H. *see* Kanbara, S. 78547
Azuma, H. *see* Konuma, K. 69286
Azuma, K. *see* Nishio, T. 71172
Azuma, K. *see* Onozuka, M. 97005
Azuma, K. *see* Yatsuzuka, M. 62593
Azuma, M., Yokoi, T., Shimizu, I. Improved stability of a-Si:H fabricated from SiH_2Cl_2 by ECR hydrogen plasma 94239
Azuma, S. *see* Nakagawa, H. 101828
Azuma, T., Uomori, K., Morimura, A. Disparity estimation with object contour information for synthesizing intermediate view images 98218
Azuma, Y., Sarai, T., Honda, K. Image processing and measurement system for analyzing temporomandibular joint tomograms 120373
Azumi, M. *see* Ninomiya 64569
Azzam, M.M., Awad, A.M. Entropy measures and some distribution approximations 92432
Azzam, R.M.A., Howlader, M.M.K. Silicon-based polarization optics for the 1.30 and 1.55 μm communication wavelengths 68477
Azzam, R.M.A. *see* Cui, Y. 110405
Azzam, R.M.A. *see* Jian Liu 116182
Azzarelli, A., Manohar, R. Visibility of non-GSO satellites from a terrestrial station and applications to inter-system interference 88404
Azzarelli, T. *see* Chan, C.L. 108548
Azzazy, M., Chau, T., Wu, M., Tanbun-Ek, T. Remote sensor to detect alcohol impaired drivers 69098
Azzini, G.A. *see* Montangero, P. 95989
Azzini, G.A. *see* Montangero, P. 96433
Azzini, G.A. *see* Serra, L. 96319
Azziz, N. *see* Klemic, G.A. 101463

B., R.V.Gil *see* Gil B., R.V.
B., S.Milic *see* Milic B., S.
B Guo-Wei Huang *see* Guo-Wei Huang B
B. Lo Shih-Chung *see* Shih-Chung B. Lo
B Yu-Jane Mei *see* Yu-Jane Mei B
Ba Linfeng *see* Zhao Shixia 98873
Ba-Razzouk, A., Cheriti, A., Olivier, G. Artificial neural networks rotor time constant adaptation in indirect field oriented control drives 121937
Ba-Thunya, A.S., Prasad, D., Pillai, S.K. A novel synchronized resonant DC-link PWM inverter with minimum voltage stress across the switches 112089
Baade, T. *see* Kiessling, A. 85711
Baader, F., Nutt, W. Combination problems for commutative/monoidal theories or how algebra can help in equational unification 82363
Baal, G.C.M.Van *see* Van Baal, G.C.M.
Baars, J. Materials for high performance infrared detectors: status and trends 119724
Baars, J.W.M. *see* Greve, A. 119348
Baars, S.P.Den *see* Den Baars, S.P.
Baartman, R., D'Yachkov, M. Simulations of sawtooth instability 89982
Baartman, R. *see* Bricault, P.G. 79993
Baartman, R. *see* Kuo, T. 100702
Baartmans, A., Landjev, I., Tonchev, V.D. On the binary codes of Steiner triple systems 76716
Bab-Hadiashar, A., Suter, D., Jarvis, R. Optic flow computation using interpolating thin-plate splines 87091
Baba, A., Takeuchi, Y. Diffractive functional optical interconnection device 85761
Baba, K., Hayakawa, M. Computational results of the effect of localized ionospheric perturbations on subionospheric VLF propagation 85862
Baba, K., Hayakawa, M. Finite element analysis of subionospheric VLF propagation in the presence of localized ionospheric perturbations 85865
Baba, K. *see* Aikawa, Y. 85253
Baba, K. *see* Amano, K. 89300
Baba, K. *see* Momose, S. 115762
Baba, K. *see* Takakuwa, M. 95927
Baba, M., Konishi, T., Hori, Y., Otani, K. A new position sensor for high-speed measurement of multiple points 110109
Baba, M., Takada, M., Iwasaki, T., Matsuyama, S., Nakamura, T., Ohguchi, H., Nakao, T., Sanami, T., Hirakawa, N. Development of monoenergetic neutron calibration fields between 8keV and 15MeV 90114
Baba, M., Ying Li, Miyamoto, Y., Matsuoka, M. Autocorrelation measurement of ultrashort incoherent light pulses by intensity interference 119912
Baba, M. *see* Fujita, S. 64052
Baba, M. *see* Maenaka, K. 119646
Baba, M. *see* Matsuyama, S. 69843
Baba, M. *see* Miyamoto, Y. 116602
Baba, M. *see* Takada, M. 68963
Baba, M. *see* Ying Li 119913
Baba, N. Various optimization methods utilizing stochastic approaches 60906
Baba, N. *see* Inaba, N. 82992
Baba, N. *see* Miura, N. 98082
Baba, N. *see* Miura, N. 98084
Baba, S., Ohshima, S. A new automatic frequency-control method for fast frequency switching of a coherent optical receiver 88616
Baba, S. *see* Nitta, Y. 73370
Baba, S. *see* Yano, S. 90318

Baba, T. *see* Far, B.H. 109300
Baba, T. *see* Hamano, T. 96409
Baba, T. *see* Kakimoto, F. 69777
Baba, T. *see* Matsuyama, T. 92881
Baba, T. *see* Mori, Y. 100701
Baba, T. *see* Nakanishi, T. 114507
Baba, T. *see* Ogura, T. 113949
Baba, T. *see* Satow, T. 95514
Baba, T. *see* Shimazawa, K. 95346
Baba, T. *see* Uemura, T. 63573
Baba, Y. A bulk service GI/M/1 queue with service rates depending on service batch size 60790
Baba, Y. Online magazine: teleparc 87675
Baba, Y., Akiyama, T., Konishi, Y. C/N deterioration caused by the feedback between the transmitter and the VCO 88201
Baba, Y., Ishii, M., Kanatsuji, H. Application of the numerical electromagnetic code to analysis of tower surge response 102203
Baba-ali, A.R., Farah, A. An efficient algorithm for signal flow determination in digital CMOS VLSI 73186
Babadzhanov, L.S. Tubular coating gauges [for PCB measurements] 79289
Babadzhanov, L.S. Special aspects of the assurance of accuracy in measurements of coating thicknesses 89490
Babadzhanov, L.S., Poleva, A.A., Fedosenko, Yu.K., Fedosenko, I.Yu. Expanding the capabilities of eddy-current inspection of pipes with a wide range of diameters and grades of steel 99838
Babaguchi, N. *see* Kakusho, K. 117902
Babai, L., Gal, A., Kollar, J., Ronyai, L., Szabo, T., Wigderson, A. Extremal bipartite graphs and superpolynomial lower bounds for monotone span programs 92460
Babak, L.I. Synthesis of matching and coupling networks for transistor broadband amplifiers using immittance regions 73735
Babak, S.F., Ilyasov, B.G., Kabalnov, Yu.S. On one approach for constructing a structural systems theory 113156
Babanin, A.I. *see* Rastegaeva, M.G. 105742
Babanin, A.I. *see* Vassilevski, K.V. 114954
Babarada, F. *see* Moldovan, C. 69037
Babarik, P. *see* Kolesar, J. 62367
Babb, M. Machine vision: high-tech success on the factory floor 87151
Babbar, V.K., Puri, R.K. Magnetic and Mossbauer studies of hot-pressed MnZnNi ferrites 84800
Babbitt, W.R. *see* Merkel, K.D. 84944
Babbitt, W.R. *see* Merkel, K.D. 98083
Babbs, C.F. *see* Hsu, J. 119805
Babchenko, A., Bodenheimer, J.S., Nitzan, M. Optical sensor based on coated light guides 89037
Babcock, J. *see* Huang, W.M. 106248
Babcock, J.A., Joseph, A.J., Cressler, J.D., Vempati, L.S. The effects of reverse-bias emitter-base stress on the cryogenic operation of advanced UHV/CVD Si- and SiGe-base bipolar transistors 94946
Babcock, J.A. *see* Vempati, L.S. 63625
Babcock, J.A. *see* Vempati, L.S. 115156
Babcock, K., Manalis, S., Elings, V., Dugas, M., Challener, W. Submicron characterization of recording media using magnetic force microscopy 84820
Babcock, K. *see* Streblechenko, D.G. 119842
Babcock, P.S., IV Channelization: the two-fault tolerant attitude control function for the Space Station Freedom 70341
Babeev, V.P. *see* Suvorov, A.L. 104996
Babenko, V.A., Sychev, A.A. Efficient emission of 1.1-1.5 μm radiation from a superfluorescent laser with IR dyes in a solid host 75826
Baber, G., Ellis, M. Numeric overcurrent relays 70983
Baberschke, K. *see* Tischer, M. 64233
Babey, S.K., Anger, C.D. Potential for the application of airborne hyperspectral remote sensing techniques to industrial inspection 79256
Babiarz, P.S. Understanding and applying intrinsic safety 82143
Babic, B. *see* Djukanovic, M. 70799
Babic, D.I., Dudley, J.J., Streubel, K., Mirin, R.P., Margalit, N.M., Bowers, J.E., Hu, E.E. Transverse-mode and polarization characteristics of double-fused 1.52 μm vertical-cavity lasers 85472
Babic, D.I., Streubel, K., Mirin, R.P., Margalit, N.M., Peters, M.G., Bowers, J.E., Hu, E.L. Fabrication and characteristics of double-fused vertical-cavity lasers 65226
Babic, D.I., Streubel, K., Mirin, R.P., Piprek, J., Margalit, N.M., Bower, J.E., Hu, E.L., Mars, D.E., Yang, L., Carey, K. Room-temperature performance of double-fused 1.54 μm vertical-cavity laser 107274
Babic, D.I. *see* Blixt, P. 65364
Babic, D.I. *see* Hawkins, A.R. 79417
Babic, D.I. *see* Hegblom, E.R. 107415
Babic, D.I. *see* Margalit, N.M. 85503
Babic, D.I. *see* Margalit, N.M. 85541
Babic, D.I. *see* Margalit, N.M. 107243
Babic, D.I. *see* Piprek, J. 65211
Babic, D.I. *see* Piprek, J. 96335
Babic, R. *see* Korosec, K. 104710
Babic, R. *see* Milanovic, M. 91664
Babich, F. Data traffic performance evaluation of a packet access protocol for microcellular radio systems 118987
Babich, F., Carli, E. Decoupling packet access protocols for wireless networks with capture and errors 78524
Babich, F., Lombardi, G., Valentinuzzi, E. Indoor propagation characteristics in DECT band 107916
Babich, F., Mania, L., Valentinuzzi, E. A simulation study of packet access protocols for microcellular systems 78518
Babich, G.A., Camps, O.I. Weighted Parzen windows for pattern classification 67372
Babich, V.M., Baran, N.P., Bugai, A.A., Kiritsa, V.I., Maksimenko, V.M. Generation of thermal donors as a result of one- and two-step annealing of silicon crystals with large and small carbon concentrations 74090
Babich, V.M., Smyshlyaev, V.P., Dement'ev, D.B., Samokish, B.A. Numerical calculation of the diffraction coefficients for an arbitrary shaped perfectly conducting cone 65762
Babichev, R.K., Babicheva, G.V., Ivanov, V.N. Equivalent circuits for magnetostatic wave transducers 106631
Babicheva, G.V. *see* Babichev, R.K. 106631
Babii, V.I. *see* Tumanovskii, A.G. 121340
Babik, J.J., Lamb, M.L. Virginia Power's use of polymer housed surge arresters to protect 138 kV transmission lines 121242
Babiker, S., Cameron, N., Asenov, A., Beaumont, S.P. New evidence for velocity overshoot in a 200 nm pseudomorphic HEMT 84475
Babin, D. 1 and 2 GHz PLL frequency synthesizers 93163
Babin, S. *see* Dresel, T. 85755
Babin, S. *see* Koops, H.W.P. 105807
Babin, S.A., Eremenko, T.Yu., Kondratenko, M.A., Kuklin, A.E. Magnetoplasma effect in ion lasers at high degrees of gas ionisation 85364
Babin, S.A., Kablukov, S.I., Khorev, S.V., Shapiro, D.A. Laser action on a weak intercombination transition $4p^4S_{3/2}$-$4s^2P_{3/2}$ in the argon laser plasma 116366
Babin, S.A., Kablukov, S.I., Kondratenko, M.A., Shapiro, D.A. Nonlinear interference effect in the Zeeman ion laser 116370
Babin, S.M. Surface duct height distributions for Wallops Island, Virginia, 1985-1994 76434
Babin, V. *see* Iftimia, N. 116369
Babin, V. *see* Mocofanescu, A. 116437
Babine, A. *see* Siders, C.W. 79839
Babinsky, H., Edwards, J.A. Automatic liquid crystal thermography for transient heat transfer measurements in hypersonic flow 119952
Babintsev, V.V., Batalov, A.A., Vorob'ev, A.P., Golovkin, V.F., Zubkov, I.V., Komarov, V.I., Platonov, V.G., Rodnov, Yu.V., Kholodenko, A.G., Tsyupa, Yu.P. A hybrid gas calorimeter summing signals from parallel-plate ionization chambers 120185
Babka, G. A no-clean solder paste evaluation for fine pitch automotive electronics applications 103144
Bablok, B. *see* Knusel, L. 113072
Bablouzian, S. *see* Anderson, M. 115062
Babnik, A., Suhadolnik, A., Mozina, J. Liquid level measurement using fiber optic reflective sensor 79470
Baboian, R. *see* Haynes, G. 61491
Baboiu, D.-M., Stegeman, G.I. Interaction phenomena in second-order nonlinear materials 107547
Baboiu, D.-M. *see* Mihalache, D. 85717
Babot, D. *see* Kaftandjian, V. 80158
Babri, H. *see* Lee, Y.D. 97708
Babst, J.-P. *see* Brecht, D. 68725
Babst, J.-P. *see* Greiner, F. 68733
Babu, B.Ramesh *see* Ramesh Babu, B.
Babu, Ch.S. *see* Sivaprakasam, S. 65059
Babu, I.Ramesh *see* Ramesh Babu, I.
Babu, R.R. *see* Arunachalam, M. 112106
Babu, S., Subramanian, V., Syamasundara Rao, Y., Sobhanadri, J. Contactless measurement of minority carrier lifetime in silicon 105129
Babu, S.K.S. *see* Callaghan, P. 93911
Babu, S.M. *see* Ravichandran, D. 85255
Babu, S.Suresh *see* Suresh Babu, S.
Babu, S.V. *see* Krishnan, S. 74524
Babu, V.S. *see* Walivadekar, V.N. 112580
Babu, V.Sarat *see* Sarat Babu, V.
Babu, V.Suresh *see* Suresh Babu, V.
Babu Joseph, K. *see* Mohanachandran, G. 65479
Babucke, H., Thiele, P., Prasse, T., Egorov, V., Rabe, M., Henneberger, F. Electro-optical modulation in the blue-green spectral range using ZnSe-based waveguides 75581
Babuder, M. *see* Uglesic, I. 81170
Babushkin, A. *see* Okishev, A. 116429
Babushkin, A. *see* Skeldon, M.D. 85284
Babuska, I., Guo, B.Q. Approximation properties of the h-p version of the finite element method 82563
Babuska, I. *see* Li, Y. 61113
Babuska, V. *see* Plomerova, J. 101514
Babzien, M., Ben-Zvi, I., Catravas, P., Fang, J.M., Fisher, A., Graves, W.S., Qiu, X.Z., Segalov, Z., Wang, X.J. Optical alignment and diagnostics for the ATF microundulator FEL oscillator 96556
Babzien, M. *see* Wang, X.J. 89699
Babzien, M. *see* Wang, X.J. 96485
Baca, A.G. *see* Howard, A.J. 79687
Baca, A.G. *see* Zolper, J.C. 83990
Baca, A.G. *see* Zolper, J.C. 105549
Baccaglioni, G. *see* Acerbi, E. 95534
Baccar, M., Gee, L.A., Gonzalez, R.C., Abidi, M.A. Segmentation of range images via data fusion and morphological watersheds 117600
Baccar, Z.M., Jaffrezic-Renault, N., Krafft, J.M., Martelet, C., Jaffrezic, H., Marest, G., Plantier, A. Characterization of Na$^+$-sensitive electrolyte/oxide/semiconductor structures obtained by ion implantation 63236
Baccarani, G. *see* Colalongo, L. 84406
Baccarani, G. *see* Dozza, D. 113934
Baccarelli, E., Cusani, R. Recursive Kalman-type optimal estimation and detection of hidden Markov chains 97734
Baccarelli, E., Cusani, R., Di Blasio, G. A new family of decision delay-constrained MAP decoders for data transmission over noisy channels with ISI and soft-decision demodulation 66251
Baccarelli, E., Cusani, R., Galli, S. A novel adaptive receiver for combined channel-estimation and data-detection for digital transmission over time- and frequency-dispersive mobile radio channels 99267
Baccarelli, E. *see* Cusani, R. 66627
Baccarelli, P., Di Nallo, C., Frezza, F., Galli, A., Lampariello, P. Anomalous propagation, loss and radiation effects in open waveguides with gyrotropic media 85938
Baccarelli, P., Di Nallo, C., Frezza, F., Galli, A., Lampariello, P. Novel behaviours of guided and leaky waves in microwave ferrite devices 115857
Baccarini, D. The concept of project complexity–a review 82132
Baccelli, F., Klein, M., Lebourges, M., Zuyev, S. Stochastic geometry and communication network architecture 67606
Baccetti, B., Giavarini, A. Microwave technology in modern fixed point-to-point radio systems 99134
Bacchetta, N., Bisello, D., Calgarotto, C., Candelori, A., Paccagnella, A. A SPICE model for Si microstrip detectors and read-out electronics 80042
Bacchetta, N., Bisello, D., Calgarotto, C., Candelori, A., Paccagnella, A. A SPICE model of Si microstrip detectors 100853
Bacchetti, L.F., Brainard, R.L., Calabrese, G.S., doCanto, M., Perkins, M.E., Simon, E.S., Kaufell, W.L., Rosedale, J.H. Pigmented photoresist for LCD color filters 85119
Bacci, C., Avanzini, C., Lacava, F., Picca, D. A method for measuring the wire tension in drift chambers using neodymium permanent magnets 100845
Bacci, C. *see* Cribier, M. 110538
Baccigalupi, A., Bernieri, A., Liguori, C. Error compensation of A/D converters using neural networks 61979
Baccigalupi, A. *see* Angrisani, L. 110316
Baccigalupi, A. *see* Arpaia, P. 71484
Baccigalupi, A. *see* Arpaia, P. 110073
Baccus, B., Bozek, S., Senez, V., Wang, Z.Z. 3D process simulation at IEMN/ISEN 74816
Baccus, B. *see* Ferreira, P. 63295
Baccus, B. *see* Ferreira, P. 84411
Baccus, B. *see* Ferreira, P. 105958
Baccus, B. *see* Senez, V. 63877
Bacelar, J. Loss calculation integrated process in distribution systems 102124
Bach, E. Weil bounds for singular curves 82362
Bach, F.-W. *see* Haferkamp, H. 107651
Bach, H.-G. Super-high-frequency OEICs for receivers in glass fibre communication networks 109624
Bach, H.-G., Umbach, A., Unterborsch, G., Passenberg, W., Schramm, C., Kunzel, H. Novel high gate barrier AlInAs/GaInAs/InP HEMT structure: concept verification and key technologies 63763
Bach, H.-G. *see* Kuhmann, J.F. 112907
Bach, H.-G. *see* Schlaak, W. 96070
Bach, H.-G. *see* Schramm, C. 78655
Bach, R., Than, S. Investigations of air-solid-insulated medium-voltage three-phase load breakers 71579
Bacha, S. *see* Petitclair, P. 121093
Bacharach, S.L. *see* Bartlett, M.L. 90293
Bacharach, S.L. *see* Price, J.C. 90314
Bacharach, S.L. *see* Shuqing Zhang 110731
Bachem, A. *see* Prietzsch, C. 111107
Bachem, K.H. *see* Davidson, B.R. 103947
Bachem, K.H. *see* Pereiaslavets, B. 104850
Bacher, G., Tonnies, D., Eisert, D., Forchel, A., Moller, M.O., Korn, M., Jobst, B., Hommel, D., Landwehr, G., Sollner, J., Heuken, M. Thermal stability of (Zn,Cd)(Se,S) heterostructures grown on GaAs 62895
Bacher, G. *see* Eisert, D. 75948
Bacher, W. *see* Menz, W. 120273
Bacher, W. *see* Ruprecht, R. 74908
Bachert, P.S. A low-cost antenna interface RFIC for wireless applications 78430
Bachert, P.S. FET attenuator, 0-1 GHz 99104
Bachiller, J., Sanchez, J. Controlled switching. Elimination of transients in the operation of shunt reactors 102036
Bachilo, E. *see* Dorofeev, A. 94292
Bachmair, H. Supervision of measuring equipment by accredited laboratories: a quality system element 68965
Bachman, H.L. Intelligent antennas — an emerging technology 108090

Bachman, R.T., Schey, P.W., Booth, N.O., Ryan, F.J. Geoacoustic databases for matched-field processing: Preliminary results in shallow water off San Diego, California 70506
Bachmann, C.M., Clothiaux, E.E. Texture feature extraction by wavelet projection pursuit for cloud detection in AVIRIS and AVHRR imagery 111338
Bachmann, C.M., Clothiaux, E.E., Luong, D.Q. Wavelet projection pursuit for feature extraction and cloud detection in AVIRIS and AVHRR imagery 111185
Bachmann, E.R., McGhee, R.B., Whalen, R.H., Steven, R., Walker, R.G., Clynch, J.R., Healey, A.J., Yun, X.P. Evaluation of an integrated GPS/INS system for shallow-water AUV navigation (SANS) 88790
Bachmann, K.J. *see* Dietz, N. 103863
Bachmann, K.J. *see* Dietz, N. 113323
Bachmann, M. *see* Besse, P.A. 116095
Bachmann, M. *see* Kyburz, R. 109314
Bachmann, M. *see* Lai, Q. 95766
Bachmann, M. *see* Masetti, F. 78317
Bachmann, P.K., Eberhardt, W., Kessler, B., Lade, H., Radermacher, K., Wiecher, D.U., Wilson, H. Influence of surface modifications on the electronic properties of CVD diamond films 114905
Bachmann, T., Glaser, E., Schulz, R., Kaiser, U., Safran, G. Epitaxial crystallization and nucleation during MeV-ion beam processing of amorphous GaAs surface layers 92721
Bachmann, T. *see* Glaser, E. 105594
Bachmann, T. *see* Schulz, R. 105181
Bachmor, R. Lifetime experience with low temperature cathodes equipped in super power klystrons 94190
Bachoo, A.B.K. *see* Hayward, C.R. 91838
Bachor, H.-A. *see* Littler, I.C.M. 113803
Bachor, H.-A. *see* White, A.G. 96625
Bachschmidt, R.A., Harris, G.F., Simoneau, G.G. Development of an instrumented walker for measurement of unilateral hand loads 70254
Bachtle, D. *see* Yost, T.A. 73766
Bachtold, M. *see* Funk, J. 74899
Bachtold, W. *see* Biber, C. 114287
Bachtold, W. *see* Duran, H. 83540
Bachtold, W. *see* Duran, H.C. 104830
Bachtold, W. *see* Duran, H.C. 104852
Bachtold, W. *see* Klepser, B.-U.H. 78677
Bachtold, W. *see* Klepser, B.-U.H. 93822
Bachtold, W. *see* Klepser, B.-U.H. 107023
Bachtold, W. *see* Morf, T. 84470
Bachtold, W. *see* Morf, T. 106242
Bachtold, W. *see* Patrick, W. 63765
Bachtold, W. *see* Schefer, M. 62313
Bachtold, W. *see* Schefer, M. 83494
Bachtold, W. *see* Schefer, M. 114302
Bachurin, A.F. *see* Tsvetkov, L.I. 68784
Bachus, E.-J., Almeida, T., Demeester, P., Depovere, G., Ebberg, A., Rui Ferreira, M., Giok-Djan Khoe, Koning, O., Marsden, R., Rawsthorne, J., Wauters, N. Coherent optical systems implemented for business traffic routing and access: the RACE COBRA project 78914
Bachvarov, S.G., Dinoev, S.K., Encheva, E.G. Stabilization of the optimal temperature mode of CO$_2$ technological lasers 85371
Bacigalupo, C. *see* Tenconi, S.M. 71772
Bacin, F. *see* Colin, A. 120278
Baciocchi, M. *see* Di Fabrizio, E. 74658
Baciu, G. *see* Lauderdale, J. 67139
Back, I. *see* Eriksson, L.H. 79003
Back, T., Heistermann, J., Kappler, C. Evolutionary algorithms support refueling of pressurized water reactors 102408
Back, T., Schutz, M., Khuri, S. A comparative study of a penalty function, a repair heuristic, and stochastic operators with the set-covering problem 60874
Backasch, F. A mood of fundamental change in the land of the Magyars [Hungarian telecommunications] 118182
Backdahl, C. *see* van Deventer, M.O. 88496
Backe, H. *see* Ditzel, E. 100992
Backer, B., Ninkov, Z., Corba, M. Characterization of a CID-38 charge injection device 100118
Backer, B. *see* Corba, M. 98276
Backer, B.De *see* De Backer, B.
Backer, P., Friebe, M., Walz, R. Testing based on graphic integration. Gauging toothed racks using automatic test plan generation 92289
Backes, P.G. *see* Michaloski, J.L. 66653
Backfrieder, W., Baumgartner, R., Samal, M., Moser, E., Bergmann, H. Quantification of intensity variations in functional MR images using rotated principal components 101139
Backhaus, J.O. *see* Brandt, P. 111195
Backhouse, C.J., Dew, S.K., Brett, M.J. Hollow-cathode assisted sputtering 92850
Backhouse, C.J., Robbie, K., Parks, J., Broughton, J.N., Dew, S., Este, G., Brett, M.J. Electrostatic scattering of ionic species in low pressure sputtering of Ti and TiN 92825
Backlund, Y. *see* Strandman, C. 74868
Backlund, Y. *see* Vangbo, M. 74656
Backman, J.L.H. *see* Larjola, J. 91434
Backmann, C. *see* Kalinchik, W.P. 71933
Backus, C. *see* Levin, S. 79111
Backus, S., Peatross, J., Zeek, Z., Rundquist, A., Taft, G., Murnane, M.M., Kapteyn, H.C. 16-fs, 1-μJ ultraviolet pulses generated by third-harmonic conversion in air 65134
Backus, S. *see* Peatross, J. 96230
Backus, S. *see* Rundquist, A. 96600
Baclet, P. *see* Acher, O. 64203
Baclet, P. *see* Acher, O. 115575
Baclet, Ph., Perrin, G., Acher, O., Peuzin, J.C. Variations of the anisotropy energy versus sputtering gas pressure in ferromagnetic thin films: a magneto-elastic effect 115554
Bacon, D. *see* Woodward, T.K. 88610
Bacon, D.D. *see* Chen, H.S. 74619
Bacon, D.D. *see* Chirovsky, L.M.F. 85334
Bacon, D.D. *see* Werder, D.J. 74613
Bacon, R. Competitive contracting for privately generated power–what to do its the absence of competition in the market 111513
Bacrania, K. *see* Tzi-Hsiung Shu 61981
Bacrania, K. *see* Tzi-Hsiung Shu 114023
Bacs, A., Jr. *see* Mayhew, C.A. 100226
Badalian, A.M. *see* Sharafutdinov, R.G. 61404
Badawi, A. *see* Khairy, M. 88096
Badawi, A. *see* Khairy, M. 99084
Badawi, A.M. *see* Kadah, Y.M. 101189
Badawi, R.D., Marsden, P.K., Cronin, B.F., Sutcliffe, J.L., Maisey, M.N. Optimization of noise-equivalent count rates in 3D PET 110686
Badawy Yehia, S.El *see* El Badawy Yehia, S.
Baddeley, R. Searching for filters with 'interesting' output distributions: an uninteresting direction to explore? 77248
Badea, E. *see* Oprea, I. 91274
Badea, E.A., Craiu, O. Eddy current effects in MRI superconducting magnets 106708
Badea, T., Setnic, S., Iochimescu, A. Brief survey on the technological aspects of solid-electrolyte sensors 69345
Badenes, G. *see* Bellens, R. 106186
Badenes, G. *see* Kopalidis, P.M. 63385
Badenes, J., Caballero, J.E., Pascual, C.M., Municio, F. Self-diplexing circularly polarised stacked-patch antenna 66092
Badent, R., Schwab, A.J. Waveform classification in partial discharge measurements 95286
Bader, A. *see* Biri, S. 69613
Bader, B., Russer, P. Modelling of edges and corners in the alternating transmission line matrix (ATLM) scheme 116941
Bader, D.A., Jaja, J., Harwood, D., Davis, L.S. Parallel algorithms for image enhancement and segmentation by region growing with an experimental study 77289
Bader, F.E. *see* Ejim, T.I. 92242
Bader, K.O. Audio mixing desks: status and development trends of large installations for broadcasting television and cinema sound 88871
Bader, S.D. *see* Dongqi Li 115620
Bader, S.D. *see* Fullerton, E.E. 64350
Bader, S.D. *see* Fullerton, E.E. 113359
Bader, S.D. *see* Fullerton, E.E. 113368
Bader, S.D. *see* Keavney, D.J. 115517
Badescu, V., Murariu, V., Rotariu, O., Rezlescu, N. Optimization of the recovery efficiency in an axial HGMF cell with bounded flow field 107826
Badessi, S. *see* Balling, P. 66176
Badessi, S. *see* Capece, P. 66179
Badessi, S. *see* De Maagt, P.J.I. 66028
Badessi, S. *see* Pearson, R.A. 66081
Badger, J.C., Enright, S.T. Automated surface inspection system [metallurgical industries] 72320
Badger, M. *see* Elliott, S. 118322
Badgley, R.H. A knowledge-base approach to safe, high quality aircraft engines and helicopter gearboxes 120643
Badheka, R. *see* Sermon, P.A. 85245
Badic, M., Marinescu, I., Marinescu, M. On the inductance concept 78332
Badic, M. *see* Marinescu, I. 73006
Badics, Z., Matsumoto, Y., Aoki, K., Nakayasu, F. Effective probe response calculation using impedance boundary condition in eddy current NDE problems with massive conducting regions present 71085
Badics, Z., Matsumoto, Y., Aoki, K., Nakayasu, F. Finite element modeling of conducting shells for eddy current NDE problems using "impedance-type" interface conditions 104227
Badier, J.-M. *see* Wendling, F. 110843
Badimirowski, K., Kern, J., Liderman, K., Zielinski, Z. The measurement quality verification process with application of distributed expert systems 112980
Badler, N.I., Clarke, J.R., Hollick, M.J., Kokkevis, E., Metaxas, D.N., Bindiganavale, R., Webber, B.L., Chi, D.M., Foster, N., Ogunyemi, O., Kaye, J. MediSim: simulated medical corpsmen and casualties for medical forces planning and training 80164
Badoni, D., Bertazzoni, S., Buglioni, S., Salina, G., Grande, G.C., Salmeri, M., Salsano, A., Simonelli, O. VLSI implementation of an attractor neural network with analog neurons and synapses 83291
Badoz, P.A. *see* Garchery, L. 114691
Badr, M.A. *see* Hamouda, R.M. 112466
Badr, M.A. *see* Hegazy, Y.G. 121445
Badra, R.E., D'Alvano, F., De Perez, T.A. ADPCM compression of speech signals using a frequency domain LMS algorithm 97654
Badra, R.E. *see* D'Alvano, F. 60456
Badra, R.E. *see* De Perez, T.A. 97855
Badri, M.A. Neural networks of combination of forecasts for data with long memory pattern 111546
Badrinarayan, R. Engineering high speed induction motors for low shaft vibrations 91500
Badrinath, B.R., Acharya, A., Imielinski, T. Designing distributed algorithms for mobile computing networks 87662
Badrinath, B.R., Sudame, P. To send or not to send: implementing deferred transmissions in a mobile host 87705
Badrinath, B.R. *see* Acharya, A. 88207
Badulescu, A. *see* Niculescu, N. 71115
Badulescu, A. *see* Niculescu, N. 102419
Badura, D., Hlawiczka, A. Condensed circular self-test path: a new inexpensive BIST technique 119550
Badura, D. *see* Gosciniak, I. 83012
Badura, E., Dodokhov, V., Eschke, J., Frolov, A.R., Gaiser, H., Gutbrod, H.H., Grigoriev, V., Kaplin, V., Kopf, U., Lobanov, V., Neyer, Ch., Pestov, Yu.N., Schmidt, H.R., Schulze, R., Steinhaeuser, P., Stelzer, H., Tiunov, M.A., Vodopianov, S. Status of the Pestov spark counter development for the ALICE experiment 120203
Badura, E., Eschke, J., Gaiser, H., Gutbrod, H.H., Kopf, U., Neyer, C., Roters, B., Schmidt, H.R., Schulze, R., Steinhaeuser, P., Stelzer, H., Frolov, A.R., Pestov, Yu.N., Tiunov, M.A., Dodokhov, V. Pestov Spark Counter prototype development for the CERN-LHC ALICE experiment 69804
Badwal, S.P.S., Foger, K. Solid oxide electrolyte fuel cell review 71683
Badwal, S.P.S., Foger, K. Status of solid oxide fuel cell development in Australia 81748
Badyal, S.K. *see* Aggarwal, M.M. 69839
Badziak, J., Jablonski, S. Concept and numerical investigation of an ultrafast high-contrast high-power KrF laser system 75802
Badzian, A., Badzian, T. Defects in CVD diamonds 62693
Badzian, A. *see* Roy, R. 94279
Badzian, T. *see* Badzian, A. 62693
Bae, D.-G., Chung, S.-K. An analytic model for planar devices with multiple floating rings 114697
Bae, I.T. *see* Tryk, D.A. 71674
Bae, J., Mazaki, H., Fujii, T., Mizuno, K. An optically controlled modulator using a metal strip grating on a silicon plate for millimeter and submillimeter wavelengths 93752
Bae, J., Ryu, Y., Chang, T., Song, I., Kim, H.M. Nonparametric detection of known and random signals based on zero-crossings 97852
Bae, J. *see* Fujii, T. 83341
Bae, S.-M., Baik, K.-H. Performance of new overlay measurement mark [lithography] 115076
Bae, Y.D. *see* Lee, K.W. 107811
Bae Byeong-Soo *see* Byeong-Soo Bae
Bae Byung Seong *see* Byung Seong Bae
Bae Dongjin *see* Dongjin Bae
Bae Eun Seong *see* Seong Bae Eun
Bae Hyeon Deok *see* Hyeon Deok Bae
Bae In-Ho *see* In-Ho Bae
Bae Jinsoo *see* Jinsoo Bae
Bae Jongsuck *see* Jongsuck Bae
Bae Joon-Han *see* Joon-Han Bae
Bae Jun Young *see* Young Bae Jun
Bae Kim Keun *see* Keun Bae Kim
Bae Kim Kyung *see* Kyung Bae Kim
Bae Kim Sang *see* Sang Bae Kim
Bae Kim Yong *see* Yong Bae Kim
Bae Lee Hyeun *see* Hyeun Bae Lee
Bae Lee Kwang *see* Kwang Bae Lee
Bae Myung Jin *see* Myung Jin Bae
Bae Seok-Hee *see* Seok-Hee Bae
Bae You-Suk *see* You-Suk Bae
Bae-Heng Tseng, Geon-Wen Chang, Gin-Lern Gu Surfactant modified growth of CuInSe$_2$ thin films 61330
Bae-Heng Tseng, Song-Bin Lm Comparisons of microstructures and luminescence properties of CuInSe$_2$ epitaxial layers grown on GaAs substrates by conventional MBE, photo-assisted MBE, and atomic layer epitaxy 61185
Bae-Heng Tseng, Song-Bin Lin, Gin-Learn Gu, Hwai-Zeng Hsu Interface of CuIn$_{1-x}$Ga$_x$Se$_2$/GaAs heterostructure 62797
Baechler, T. *see* Schneider, M.C. 93624
Baechtold, W. *see* Diskus, C.G. 63764
Baechtold, W. *see* Hunziker, S. 107952
Baeg Sanghyeon *see* Sanghyeon Baeg
Baehr, G. *see* Helmers, L. 62788
Baehr, G. *see* Helmers, L. 113277
Baehr, J., Brenner, K.H. Iterative reconstruction of a gradient index distribution from one interferometric measurement 79737
Baehr, J., Hiller, K., Hoffmann, B., Luedecke, H., Menchikov, A., Nahnhauer, R., Roloff, H.E., Tonisch, F., Voelkert, R. Beam tests of prototype fiber detectors for the H1 forward proton spectrometer 69755
Baek, D.H. *see* Jeong, B.S. 83861
Baek, J.H. *see* Kwon, O.K. 75570
Baek, J.S. *see* Yu, S.C. 106525
Baek, J.W. *see* Cho, J.G. 121760
Baek, Y., Hwang-Seok Oh, Heung-Kyu Lee Block-matching criterion for efficient VLSI implementation of motion estimation 73448
Baek, Y. *see* Schiek, R. 95730
Baek Ho Jung *see* Che Young Kim 88144

Baek Hyung-Lae *see* Hyung-Lae Baek
Baek Jong Hyeob *see* Jong Hyeob Baek
Baek Jong Tae *see* Jong Tae Baek
Baek Jong-Mu *see* Jong-Mu Baek
Baek Jong-Tae *see* Jong-Tae Baek
Baek Joong-Hyun *see* Joong-Hyun Baek
Baek Joonghyun *see* Joonghyun Baek
Baek Ju-Won *see* Ju-Won Baek
Baek Kijin *see* Kijin Baek
Baek Kim Sung *see* Sung Baek Kim
Baek Park Chong *see* Chong Baek Park
Baek Young Seok *see* Young Seok Baek
Baek Young-Sik *see* Young-Sik Baek
Baek Yung Mok *see* Yung Mok Baek
Baek-Soo Suh *see* Min-Kyu Kim 97815
Baekhyun Kim, Kyung Sup Kwak Performance of TDMA system with SFH and 2-bit differentially detected GMSK over Rayleigh fading channel 109529
Baentsch, M., Molter, G., Sturm, P. Introducing application-level replication and naming into today's Web 77957
Baer, A., Schwob, J.L., Zigler, A., Eliezer, S., Henis, Z. High-gain Ni-like X-ray laser driven by two laser pulses 75804
Baer, S.C. Naive high/low vents versus horizontal heat exchanger dip tube vents 91716
Baerg, B. The importance of the threshold current for electromigration design rules 63474
Baeri, P. *see* Reitano, R. 94785
Baert, D. Influence of parasitic elements on phase-compensated amplifiers 73113
Baert, K. *see* Slater, T. 84650
Baert, K. *see* Van Gerwen, P. 89066
Baerwald, J. *see* Gehring, H. 80173
Baessler, H. *see* Hopmeier, M. 75699
Baessler, H. *see* Pommerehne, J. 75749
Baets, J.De *see* De Baets, J.
Baets, R. *see* Aherne, T. 76080
Baets, R. *see* Demeulenaere, B. 96035
Baets, R. *see* Demeulenaere, B. 107328
Baets, R. *see* Haes, J. 76540
Baets, R. *see* Jourdan, A. 88603
Baets, R. *see* Masetti, F. 78317
Baets, R. *see* Sainov, V. 96795
Baets, R. *see* Vanwassenhove, L. 96046
Baets, R. *see* Verhoeve, P. 69230
Baets, R. *see* Visser, T.D. 64754
Baets, R. *see* Wei, C. 95725
Baets, R.G.F. *see* de Vreede, L.C.N. 84319
Baets, R.G.F. *see* Sun, Y. 83437
Baets, R.G.F. *see* Van Vliet, F.E. 93902
Baettig, R. *see* Marxer, C. 85084
Baeuerle, D. *see* Himmelbauer, M. 104183
Baeuerle, R. *see* Schleupen, K. 83096
Baeume, P., Gutowski, J., Kurtz, E., Hommel, D., Landwehr, G. Intensity-dependent energy and lineshape variation of donor-acceptor-pair bands in highly compensated ZnSe:N 74199
Baeume, P. *see* Heitz, R. 74211
Baeumler, M. *see* Burkner, S. 63011
Baev, V.M. *see* Gurlit, W. 69557
Baeva, M. *see* Popov, P. 79319
Baeyens, E. *see* Khargonekar, P.P. 76903
Baeyens, Y., Schreurs, D., Nauwelaers, B., Van der Zanden, K., Van Hove, M., De Raedt, W., Van Rossum, M. GaAs and InP-based dual-gate HEMTs for high-gain MMIC amplifiers 62314
Baeyens, Y. *see* Cova, P. 62253
Baeyens, Y. *see* Menozzi, R. 115252
Baeyens, Y. *see* Rouquette, P. 106090
Baeyens, Y. *see* Schreurs, D. 60479
Baeyens, Y. *see* Schreurs, D. 73816
Baeyens, Y. *see* Schreurs, D. 83516
Baeyens, Y. *see* Schreurs, D. 104834
Baeyens, Y. *see* Schreurs, D. 115253
Baez, D. *see* Montero, O. 81996
Baez-Lopez, D., Jiminez-Lopez, E., Alejos-Palomares, R., Ramirez, J.M. Software for teaching design and analysis of analog and digital filters 60435
Baez-Lopez, D. *see* Ballesteros, J.L. 60434
Baez-Lopez, D. *see* Velasco, G. 92077
Baeza-Yates, R., Navarro, G. A faster algorithm for approximate string matching 98248
Bafleur, M. *see* Dilhac, J.-M. 106237
Bag-Soon Chung *see* Ho Soek 81267
Bagaev, S.N., Zakhar'yash, V.F., Klement'ev, V.M., Chebotaev, V.P. Experimental investigations of an equidistant mode distribution and of intermode beat stabilisation via the discharge current in an He-Ne/Ne laser with full self-mode-locking 116349
Bagaev, S.N. *see* Kaminskii, A.A. 76153
Bagaev, S.N. *see* Kaminskii, A.A. 96190
Bagaev, S.N. *see* Kaminskii, A.A. 116448
Bagai, R.K. *see* Narula, R.C. 103828
Baganne, A., Gilloire, A., Martin, E., Martineau, P., Thomas, J.P. Implementation methods of an acoustic echo cancellation algorithm GMDFα 67888
Bagaturia, J. *see* Schmidt, P.V. 90179
Bagayev, S.N., Dmitriyev, A.K., Klementyev, V.M., Okhapkin, M.V., Pocasov, P.V., Skvortsov, B.N., Timchenko, B.A., Zakharyash, V.F. Progress towards an optical clock 96113
Bagby, J.S. Reduction of cavity resonances in MoM solutions of EM problems 107691
Bagby, L., Johnson, M., Lipton, R., Gu, W. SVX/silicon detector studies 100846
Bagchi, K.K. *see* Yeh, G.K. 97816
Bagchi, S., Mitra, S.K. The nonuniform discrete Fourier transform and its applications in filter design. I. 1-D 76993
Bagchi, S., Mitra, S.K. The nonuniform discrete Fourier transform and its applications in filter design. II. 2-D 76994
Bagchi, S., Seshadri, V. The study of the effect of variation in aluminium alloy composition and processing parameters of die cast rotors on the overall performance of squirrel cage fan motors 81474
Bagdasarov, S., Goulianos, K., Maghakian, A., Wang, Q.F. Test-beam results of a prototype position sensitive towerless calorimeter 69837
Baggen, C.P.M.J., Tolhuizen, L.M.G.M. On the diamond code construction 66349
Bagger, C. *see* Larsen, P.H. 81753
Baggerly, K. From hypercubes to permutation polytopes: a geometric analysis of paired comparisons 103625
Baggerman, A.F.J., Caers, J.F.J.M., Wagemans, A.G. Flip-chip mounting of an RF IC using eutectic solder bumps 82259
Baggeroer, P.A., Jezek, K.C., Hart, D.G. Geophysical data management system 120658
Baggini, B., Caiulo, G., Maloberti, F. Waveform shaping for GSM systems 93180
Baggini, L., Bertoldi, O., Demartini, G., Franchi, L. Integration of the computing systems to plan the evolution and to optimize the operation of ENEL's power system 101998
Baggio, J., Brisset, C., Sommer, J.L., D'hose, C., Lalande, P., Leray, J.L., Musseau, O. Electrical and optical response of a laser diode to transient ionizing radiation 76027
Baggio, J., Brisset, C., Sommer, J.L., D'hose, C., Lalande, P., Leray, J.L., Musseau, O. Electrical and optical response of a laser diode to transient ionizing radiation 107342
Baggs, R.A., Tamir, D.E., Lam, T. Image registration using the length code algorithm 98344
Baghai-Ravary, L., Beet, S.W., Tokhi, M.O. Modelling the flux inherent in speech representations 117276
Baghai-Wadji, A.-R. *see* Jakoby, B. 65759
Baghai-Wadji, A.R., Maradudin, A.A., Hickernell, F.S., Penunuri, D. Mechanical loading effect of rectangularly-shaped shallow electrodes on SAW devices 106445
Baghai-Wadji, A.R., Penunuri, D. Coordinate-free, frequency-independent universal functions for BAW analysis in SAW devices 106431
Baghai-Wadji, A.R. *see* Penunuri, D. 106422
Bagieu, G. *see* Abbes, M. 90145
Baginski, M.E. *see* Mooney, J.E. 117077
Baginsky, I.L., Kostsov, E.G. Investigation of diffusion contribution to transient single-carrier injection current in insulator with traps 106294
Baglama, J., Calvetti, D., Reichel, L. Iterative methods for the computation of a few eigenvalues of a large symmetric matrix 103748
Bagley, L. *see* Listerud, J. 120346
Bagliesi, G. *see* Wheadon, R. 100965
Baglio, S., Fortuna, L., Pitrone, N., Vinci, C. A new analog fuzzy processor for non-linear dynamics generation 93627
Baglio, S., Graziani, S., Manganaro, G., Pitrone, N. Locally-interconnected cellular architectures for multisensor data fusion 110025
Baglio, S., Graziani, S., Pitrone, N. Intelligent measuring systems for distance estimation based on fuzzy data fusion 119554
Baglio, S. *see* Arena, P. 82901
Baglio, S. *see* Arena, P. 83286
Baglioni, P. *see* Pratesi, R. 101429
Bagnall, D.M., Middleton, P.G., Torabi-Goudarzi, F., O'Donnell, K.P., Wright, P.J., Cockayne, B. Overexcited CdSe quantum well lasers 75961
Bagnall, D.M., O'Donnell, K.P. Comment on "Vertical-cavity stimulated emission from photopumped InGaN/GaN heterojunctions at room temperature" [Appl. Phys. Lett. 65, 520 (1994)] 75935
Bagnall, D.M. *see* Trager-Cowan, C. 75953
Bagnato, V.S. *see* Tuboy, A.M. 96389
Bagni, D., Lancini, R., Landi, S., Tubaro, S. HDTV spatio-temporal upconversion 68880
Bagnoli, P.E., Ciofi, C., Neri, B., Pennelli, G. Electromigration in Al based stripes: low frequency noise measurements and MTF tests 94824
Bagotzky, V.S., Volfkovich, Y.M., Kanevsky, L.S., Skundin, A.M., Broussely, M., Chenebault, P., Caillaud, T. Changes to the porous structure of carbon cathodes during the discharge of Li-SOCl$_2$ cells 112185
Bagraev, N.T., Chaikina, E.I., Klyachkin, L.E., Malyarenko, A.M., Sukhanov, V.L. Si and SiC quantum-well p-n junctions and n-p-n transistor structures 62913
Bagratashvili, V.N. *see* Popov, V.K. 104080
Bagrodia, R., Yu-an Chen, Gerla, M., Kwan, B., Martin, J., Palnati, P., Walton, S. Parallel simulation of a high-speed wormhole routing network 78020
Bagrodia, R.L., Yu-An Chen A parallel discrete-event simulator and its application to circuit simulation 93077
Bagul, A.D., Salameh, Z.M., Borowy, B. Sizing of a stand-alone hybrid wind-photovoltaic system using a three-event probability density approximation 71715
Bagulya, A.V., Grishin, V.M., Kostin, A.P., Lomonosov, B.N., Negodaev, M.A. On fluctuations of signals produced by relativistic charged particles in diamond detectors 90150
Bagwell, P.F. *see* Hurd, M. 115925
Bah, M., Khanniche, M.S. A real time controlled brushless DC motor with trapezoidal excitation 103095
Baha, B. The design and control of portable pulse-width-modulated (PWM) DC-AC inverter 91665
Baha, B. A new control method for quasi-resonant converters (QRCS) 102833
Baha, B., Hamill, D.C. The design and modelling of resonant switched mode power supply (SMPS) using SIMULINK and MATLAB 93054
Bahadur, B. *see* Wan, K. 89413
Bahadur, B. *see* Young, W. 89416
Bahadur Bista, B., Takahashi, K., Kaminaga, H., Shiratori, N. A flexible protocol synthesis method for adopting requirement changes 87443
Bahar, E., Yuzhi Zhang A new unified full wave approach to evaluate the scatter cross sections of composite random rough surfaces 90754
Bahar, E. *see* Kubik, R.D. 116847
Bahar, E. *see* Kubik, R.D. 116848
Baharav, Y., Ribak, E.N., Shamir, J. Wide-field analysis of turbulence layers using fringes in the mesosphere 70479
Baharav, Z., Leviatan, Y. Impedance matrix compression (IMC) using iteratively selected wavelet basis for MFIE formulations 76402
Baharav, Z., Leviatan, Y. Impedance matrix compression with the use of wavelet expansions [EM scattering] 97043
Baharav, Z., Leviatan, Y. Impedance matrix compression using adaptively constructed basis functions 107836
Baheerathan, S., Albregtsen, F., Danielsen, H.E. 3-D texture analysis using Laws convolution matrices to detect cancer in mouse liver cell nuclei 101184
Bahgat, S.F. *see* Ghoniemy, S. 113925
Bahi, A., Bouakaz, S., Vandorpe, D. Differential properties of surfaces from unorganized points 86798
Bahir, G. *see* Ariel, V. 110369
Bahir, G. *see* Fenigstein, A. 105383
Bahir, G. *see* Maimon, S. 114750
Bahk Hang Gu *see* Hang Gu Bahk
Bahk Saewoong *see* Saewoong Bahk
Bahl, I.J. *(editor)* IEEE 1996 Microwave and Millimeter-Wave Monolithic Circuits Symposium (Cat. No.96CH3594-9) 72100
Bahl, R. *see* Bhattacharyya, A.B. 101436
Bahl, R. *see* Sudhir, G. 97941
Bahl, S.R., Camnitz, L.H., Houng, D., Mierzwinski, M. Reliability investigation of InGaP/GaAs heterojunction bipolar transistors 105904
Bahn, C.S. *see* Carlin, R.T. 112293
Bahna, J. *see* Oksa, G. 91287
Bahng, S.H. *see* Park, S.H. 71740
Bahng, S.H. *see* Park, S.H. 91544
Bahng Wook *see* Wook Bahng
Bahnmuller, J. A Pesin formula for expanding random dynamical systems 92493
Baholo, M.S. *see* Pretorius, P.H. 103125
Bahoura, M. *see* Salomon, C. 89521
Bahr, A. *see* Lauer, A. 85941
Bahr, C.C. *see* Dhar, L. 85060
Bahr, D., Langhans, K., Gerken, M., Vogt, C., Bezecny, D., Homann, D. FELIX: a volumetric 3D laser display 89243
Bahr, J., Brenner, K.-H. Optimization of planar refracting microlenses by Ag-Na ion exchange techniques 85233
Bahtat, A., Bouazaoui, M., Bahtat, M., Garapon, C., Jacquier, B., Mugnier, J. Up-conversion fluorescence spectroscopy in Er^{3+}:TiO$_2$ planar waveguides prepared by a sol-gel process 116072
Bahtat, M. *see* Bahtat, A. 116072
Bahuguna, R.D., Corboline, T. Prism fingerprint sensor that uses a holographic optical element 117530
Bahulayan, C., Damodara Das, V. Effect of oxygen adsorption on the electrical resistance of Pb$_{0.8}$Sn$_{0.2}$Te thin films 62782
Bahulayan, C. *see* Damodara Das, V. 83881
Bahulayan, C. *see* Damodara Das, V. 94449
Bahulayan, C. *see* Damodara Das, V. 105218
Bai, F. *see* Xin-Hong Hang 69447
Bai, K.C. *see* Zhou, F. 115486
Bai, S.J., Spry, R.J., Alexander, M.D., Jr., Barkley, J.R. Optical attenuation in planar waveguides of unidirectionally oriented copolyester film 85056
Bai, S.N., Chen, Y.Y., Yao, Y.D., Chen, L.H., Lin, S.H., Liou, Y. Transport properties of La$_{0.67}$Ca$_{0.33}$MnO$_3$ 75265
Bai, S.W. *see* Wu, J. 63088
Bai, S.X. A note on determining pure-strategy equilibrium points of bimatrix games 103577
Bai, Y.S., Neurgaonkar, R.R., Kachru, R. Resonant two-photon photorefractive grating in praeseodymium-doped strontium barium niobate with cw lasers 64591
Bai Er-Wei *see* Er-Wei Bai
Bai Hsunling *see* Hsunling Bai

Bai Jing, Zhong Jian, Shang Yilun Separation of soft tissue reflected and scattered ultrasonic waves by echo reconstruction method 110767
Bai Jingzhi *see* Rong Gang 120206
Bai Peng *see* Song Yunzian 112795
Bai Wang *see* Wang Bai
Bai Xaiomin *see* Xaiomin Bai
Bai Xiao-Liang *see* Xiao-Liang Bai
Bai Xue-Sheng, Zhu Feng, Xu Xin-Ping A map-based visual navigation and location system for mobile robot 86668
Bai Yanan *see* Yang Shiyou 102676
Bai Yanan *see* Yang Shiyou 111923
Bai Yichun *see* Cai Hanshen 81601
Bai Yingcai *see* Jin Zhengyi 118070
Bai Yingcai *see* Wang Ming 118336
Bai Zhaojun *see* Zhaojun Bai
Bai Zhong *see* Chen Huaijin 80929
Bai Zhong-Zhi *see* Zhong-Zhi Bai
Bai Zhongzhi *see* Wang Deren 72650
Bai-Lian Li, Hsin-i Wu Change detection in nonlinear biosignal processing by wavelets 70149
Bai-Ru Zhao *see* Zhao Bai-Ru
Bai-Sun Kong, Joo-Sun Choi, Seog-Jun Lee, Kwyro Lee Charge recycling differential logic for low-power application 73306
Bai-Sun Kong, Joo-Sun Choi, Seog-Jun Lee, Kwyro Lee Charge recycling differential logic (CRDL) for low power application 104437
Baiada, R.M. Free Flight: reinventing ATC–digital avionics a non-solution 70355
Baibulatov, F.Kh., Dzhamankyzov, N.K. Radiation modes of a moving planar waveguide 75526
Baibulatov, F.Kh., Dzhamankyzov, N.K. Amplitudes of directed waves in a moving planar waveguide 85061
Baiburin, V.B., Volkov, Yu.P., Shopshin, M.F. A small-size scanning tunneling microscope 110079
Baichang Wu *see* Chuangtian Chen 65518
Baichang Wu *see* Chuangtian Chen 107555
Baicu, F. *see* Galateanu, L. 94461
Baicu, F. *see* Georgian, C. 84697
Baida, N., Mesyura, V., Rolk, A., Efimenko, A. Knowledge-based method and algorithm of digital electronic devices of unknown structure in-circuit identification 104284
Baida, N., Roik, A., Mesyura, V. In-circuit measurement of complex circuits parameters with electrical separation by iteration method 113643
Baida Lu, Wenlong Huang, Bin Zhang, Fanlong Kong, Qun Zhai Focusing properties of Bessel beams 116927
Baida Lu *see* Lu Baida
Baidakov, S.G. *see* Abdurakhmanov, B.M. 102975
Baidullaeva, A., Vlasenko, A.I., Vlasenko, Yu.V., Dauletmuratov, B.K., Mozol', P.E. Change in the electrical properties of CdTe single crystals produced by a shock wave from a laser pulse 114595
Baier, A. *see* Feistel, M. 97107
Baier, M., Sheppard, J. Case study of a unique power quality problem and solution. Application of a damped harmonic filter to a cycloconverter 80984
Baier, P.W. A critical review of CDMA 109392
Baier, P.W. *see* Klein, A. 67552
Baier, S. Noise sources and noise calculations for op amps 82968
Baier, S., Voehringer, U. Novel techniques enhance data-acquisition-system accuracy 119566
Baier, S. *see* Kubsky, S. 100756
Baier, S. *see* McMorrow, D. 74743
Baiers, S. *see* McMorrow, D. 106046
Baigar, E. *see* Hauger, C. 120396
Baige Liu *see* Liu Baige
Baigent, D.R., Cacialli, F., Greenham, N.C., Gruner, J., Wittmann, H.F., Friend, R.H., Moratti, S.C., Holmes, A.B. Light-emitting diodes fabricated with conjugated polymers 64982
Baigent, D.R., May, P.G., Friend, R.H. Emission characteristics of two-polymer layer electroluminescent devices operating under various duty cycles 75760
Baigent, D.R. *see* Halls, J.J.M. 96024
Baihua Zhou *see* Zhou Baihua
Baijun Chen *see* Chen Baijun
Baik, H.K. *see* Byun, S.J. 114715
Baik, I.C., Kim, K.H., Kim, H.S., Moon, G.W., Youn, M.J. Robust nonlinear speed control of PM synchronous motor using boundary layer integral sliding control with sliding load torque observer 121456
Baik, K.-H. *see* Bae, S.-M. 115076
Baik, K.-H. *see* Chun, J.-S. 105762
Baik, S. *see* Roh, Y.R. 110257
Baik Hong Koo *see* Hong Koo Baik
Baik Hong-Koo *see* Hong-Koo Baik
Baik In-Cheol *see* In-Cheol Baik
Baik Kim *see* Young-Hyun Moon 101676
Bailbe, J.P. *see* Faleh, M.S. 94936
Bailes, A.A., III *see* Boshart, M.A. 92762
Bailes, D.R. The use of the gray level SAT to find the salient cavities in echocardiograms 90321
Bailes, M. *see* Manchester, R.N. 99704
Bailey, A.G. *see* Fleming, J.S. 90315
Bailey, B. *see* Krishnamurthi, V. 98282
Bailey, D. *see* Matthews, J. 101183
Bailey, D.A., Beer, A.A. Simulation of filter structures for fixed-point implementation 66646
Bailey, D.L., Jones, T. A method for calibrating 3D PET without scatter correction 101118
Bailey, D.L., Townsend, D.W., Kinahan, P.E., Grootoonk, S., Jones, T. An investigation of factors affecting detector and geometric correction in normalisation of 3D PET data 101108
Bailey, D.L. *see* Kinahan, P.E. 101113
Bailey, I.E. *see* Mehlhorn, T.A. 69637
Bailey, I.L. *see* Berman, S.M. 71876
Bailey, I.L. *see* Sheedy, J.E. 89397
Bailey, J.D. Axial injection and phase selection studies of the MSU K1200 cyclotron 79815
Bailey, J.D., Dowling, D.T., Lane, S.N., Mosko, S.W., Olsen, D.K., Tatum, B.A. ORIC central region calculations 79921
Bailey, J.D., Kuchar, J., Marti, F., Ottarson, J. An internal timing probe for use in the MSU K1200 cyclotron 79922
Bailey, J.E., Filuk, A.B., Carlson, A.L., Johnson, D.J., Lake, P., McGuire, E.J., Mehlhorn, T.A., Pointon, T.D., Renk, T.J., Stygar, W., Maron, Y. Measurements of charged particle dynamics in high accelerating fields 69615
Bailey, J.E. *see* Cuneo, M.E. 69683
Bailey, J.E. *see* Menge, P.R. 120122
Bailey, J.J., Bucknall, R., Haines, N.A. Design and development of a single-phase six-pulse cycloconverter for induction motor control 91512
Bailey, J.M. *see* Young, R.W., Sr. 71806
Bailey, J.P. Modeling the economics of imperfect interoperability for telecommunications 67647
Bailey, J.S., Kelly, M.D., Sargent, J.D. Quick-Look: a new way to prioritize imagery for exploitation 67480
Bailey, J.S. *see* Sargent, J.D. 67479
Bailey, M. *see* Sarkar, P. 109097
Bailey, P. *see* Wolfframm, D. 82592
Bailey, P. *see* Wu, X. 89405
Bailey, P.T., Jin, G., Armstrong, B.M., Gamble, H.S. Investigation of the electrical properties of bonded silicon-on-insulator wafers 63158
Bailey, R., Collier, P., Bohl, T., Burkhardt, H., Cornelis, K., De Rijk, G., Faugier, A., Jonker, M., Lamont, M., Roy, G., Schmickler, H., Wenninger, J. Operational procedures to obtain high beam-beam tune shifts in LEP pretzel operation 79964
Bailey, R. *see* Faugier, A. 79947
Bailey, R. *see* Faugier, A. 79948
Bailey, R.A. Orthogonal partitions in designed experiments 72462
Bailey, R.B. *see* Gluck, N.S. 119716
Bailey, R.R., Srinath, M. Orthogonal moment features for use with parametric and non-parametric classifiers 66934
Bailey, R.S., Hill, N.C. Effect of sputtering target crystallographic orientation on step coverage and collimation efficiency 63428
Bailey, R.T. *see* Kerkoc, P. 65417
Bailey, R.T. *see* Pan, F. 115987
Bailey, S. *see* Faur, M. 105525
Bailey, S. *see* Moulot, J. 95941
Bailey, W.D. *see* Knoedler, A.J. 70401
Bailey, W.E., Nan-Chang Zhu, Sinclair, R., Wang, S.X. Structural comparisons of ion beam and DC magnetron sputtered spin valves by high-resolution transmission electron microscopy 75211
Bailey, W.H. *see* Blondin, J.-P. 90624
Bailida, W.D. *see* Strohschein, J.D. 96097
Bailing Yang *see* Yang Bailing
Baillargeat, D., Verdeyme, S., Guillon, P. Rigorous design of a four pole dual mode slotted dielectric resonator filter 62188
Baillargeat, D., Verdeyme, S., Guillon, P. Rigorous design of dielectric resonator filters applying the finite element method 93721
Baillargeon, J.N., Cheng, K.Y., Cho, A.Y., Chu, S.N.G. All solid source molecular beam epitaxy growth of Ga$_x$In$_{1-x}$As$_y$P$_{1-y}$/InP lasers using phosphorus and arsenic valved cracking cells 85507
Baillargeon, J.N., Cho, A.Y., Cheng, K.Y. Incorporation of arsenic and phosphorus in Ga$_x$In$_{1-x}$As$_y$P$_{1-y}$ alloys grown by molecular-beam epitaxy using solid phosphorus and arsenic valved cracking cells 72767
Baillargeon, J.N. *see* Faist, J. 75981
Baillie, D.A. *see* Walker, A.C. 85336
Baillie, S.W. *see* Morgan, J.M. 120600
Baillie, T.E.C. *see* Holland, W.S. 79101
Baillon, P. *see* Adam, W. 69709
Baillon, P. *see* Adam, W. 69735
Baillou, J. *see* Kraif, C. 93078
Bailly-Salins, R. 4 GHz KTiOPO$_4$ electro-optic phase modulator driven by two 4000 volts, 140 ps pulses for 0-20 ns, 10 mm^2, 10 mW laser beams 85086
Bailly-Salins, R. *see* Jolly, A. 85416
Bailu Quan *see* Quan Bailu
Bain, D., Baleswaren, B., Brough, A. An approach to standardisation of meter reading through FLAG and CHIRPS 102304
Bain, D.J. *see* Tang, P.J.P. 114775
Bain, F. Project finance risks–getting it right first time 71024
Bain, F. Risks in hydro project financing and insurance options 71167
Bain, J.A. *see* Pan, T. 115713
Bain, P. *see* Wang, W.G. 61450
Bain, P.A. *see* Wang, W.G. 113536
Bain, R.L., Overend, R.P. New gasification technology offers promise for biomass plants 121375
Bain, T. Development in Scottish engineering education 60494
Bainan Ding *see* Ding Bainan
Bainbridge-Smith, A., Lane, R.G. Measuring confidence in optical flow estimation 67041
Baine, M. *see* Ting, A. 96478
Baine, P.T. *see* Quinn, L.J. 63677
Baines, S.J., Burr, A.G., Tozer, T.C. Adaptive architecture for signal separation and interference suppression in DS-CDMA systems 78382
Bainian Zhang *see* Zhang Bainian
Baining Liu *see* Eichler, H.J. 116610
Bainov, D., Cui Baotong, Mincheva, E. Forced oscillation of solutions of certain hyperbolic equations of neutral type 92619
Bainov, D.D., Dishliev, A.B., Stamova, I.M. Lipschitz quasistability of impulsive differential-difference equations with variable impulsive perturbations 72664
Bainov, D.D., Kamont, Z., Minchev, E. Monotone iterative methods for impulsive hyperbolic differential-functional equations 72647
Baio, F. *see* Gregoris, G. 112862
Baiocchi, A., Listanti, M., Blefari-Melazzi, N., Soprano, C. An ATM-like system architecture for satellite communications including on-board switching 119125
Baiocchi, A., Sestini, F. Near-optimality of distributed load-adaptive dynamic channel allocation strategies for cellular mobile networks 88246
Baiocchi, A., Sestini, F., Delli Priscoli, F. Effects of user mobility on the capacity of a CDMA cellular network 88286
Baiocco, C., Carbone, S., Fumagalli, C. Alcatel access nodes with integrated SDH transport 118655
Baiod, R., Harding, D.J., Johnson, D.E., Martin, P.S., Mishra, S. The Main Injector trim dipole magnets 89793
Baiod, R. *see* Brown, B.C. 90058
Baiod, R. *see* Caussyn, D.D. 119984
Baiod, R. *see* Harding, D.J. 89795
Baiod, R. *see* Harding, D.J. 89796
Baiod, R. *see* Johnson, D.E. 89798
Bair, A.E. *see* Atzmon, Z. 113347
Bair, L.A. *see* Nagorski, W. 119552
Bair, L.A. *see* Wei, A. 93262
Bair Yun Nian Study on the concentrated pneumatic system and the breaker reclosing times of 161 kV GIS 112145
Baird, B.W., DeFreez, R.K. Beam propagation method modeling of second harmonic generation in periodically segmented potassium titanyl phosphate waveguides 107546
Baird, K. *see* Abe, K. 69708
Baird, K. *see* Abe, K. 69726
Baird, P.E.G. *see* Hopkinson, D.A. 65222
Baird, R.T., Fiez, T.S. A low oversampling ratio 14-b 500-kHz ΔΣ ADC with a self-calibrated multibit DAC 61986
Baird, T., Bush, W. Odyssey system overview 68340
Bairmov, A.I. *see* Bidadi, H. 114609
Baishya, S. *see* Mahanta, A. 93465
Baister, G.C., Gatenby, P.V. Why optical communication links are needed for future satellite constellations 78591
Baisuo Wang *see* Wang Baisuo
Baitinger, U.G. *see* Ryba, M. 112850
Baitsar, R.I., Vainberg, V.V., Varshava, S.S. Application of semiconductor whisker crystals in low temperature electronics 99922
Baity, F.W. *see* Ferguson, S.W. 111613
Baity, F.W. *see* Swain, D.W. 76576
Baixeras, C. *see* Luguera, E. 101468
Baixeras, C. *see* Nikezic, D. 69778
Baixeras, C. *see* Nikezic, D. 70259
Baixuan Shi, Jian Gong Nondestructive image detection of surface and sub-surface defects of solid materials by OBD 61496
Baj, M. *see* Suski, T. 74227
Baja, G.S.di *see* di Baja, G.S.
Bajaj, J. *see* Motamedi, M.E. 100116
Bajaj, S., Nim Cheung, Hayward, G., Yukun Tsai High-speed ATM/SONET infrastructure research in ATDNet 98680
Bajcar, R.C. *see* Li, L. 89377
Bajcsy, J., Sencek, F. Probability characteristics of test examinations 82107
Bajcsy, R. *see* Hoogs, A. 77177
Bajd, T. *see* Erzin, R. 70233
Bajd, T. *see* Matjacic, Z. 80478
Bajdechi, O. Graphical I/O data flow controller for SUPREM III 63878
Bajenesco, T. CTR degradation and ageing problem of optocouplers 85278
Bajenesco, T.I. CTR degradation and ageing problem of optocouplers 96004
Bajenescu, T.I. Eurescom and the European telecommunications by 2005 118203
Bajenescu, T.I. E-mail with EDI and Edifact: efficient business communication in European competition 118303
Bajic, D., Drajic, D., Katic, O. Duration of a search for a fixed pattern in random data: the distribution function 66202
Bajiova, A.T. A method to decrease nonlinear image reconstruction distortions caused by measurement errors 87230
Bajkova, A.T. Reconstruction of ISAR images using generalized information methods 68565

Bajkova, A.T. Phase retrieval algorithm based on maximum entropy method 87229
Bajla, I., Sramek, M. A modified approach and novel measure for evaluation of the image smoothing algorithm performance 90302
Bajon, D., Miranda, C.A.I., Renaud, D. Synthesis technique for satellite antennas beam forming network 97388
Bajon, D. *see* Bouzidi, F. 114186
Bajon, D. *see* Gomes Neto, A. 93680
Bajor, G. *see* Lowther, R. 93858
Bajor, P. *see* Eged, B. 73278
Bajor, P. *see* Eged, B. 73279
Bajovic, V.S. A reliable tool for the design of shape and size of Faraday segmented MHD generator channel 91757
Bajpai, M. *see* Sidhu, T.S. 102229
Bajpai, P.K. *see* Arengo, D.M. 69914
Bajpai, P.K. *see* Lasserre, A. 70180
Bajpai, P.K. *see* Leuenberger, K.P. 70179
Bajpai, P.K. *see* Smith, J.A. 70022
Bajpai, P.K. *(editor)* Proceedings of the 1996 Fifteenth Southern Biomedical Engineering Conference (Cat. No.96TH8154) 60363
Bak, A. Alcatel and ATM: connect today to tomorrow's network 108910
Bak, A., Gajowniczek, P. Telephony services in cable television networks 118277
Bak, E. *see* Madihian, M. 99333
Bak, J.S. *see* Namkung, W. 89760
Bak, T., Wisniewski, R., Blanke, M. Autonomous attitude determination and control system for the Ørsted satellite 90694
Bak Joo Shik *see* Joo Shik Bak
Bak-Jensen, B. Modelling of ZnO-varistors influenced with mixed AC and DC voltages and different temperatures 93952
Bak-Jensen, B., Bak-Jensen, J., Mikkelsen, S.D., Serrensen, J.T. Qualitative comparison of numerical methods for identifying dynamic models of circuits and systems 60909
Bak-Jensen, J. *see* Bak-Jensen, B. 60909
Bakamidis, S. *see* Dendrinos, M. 97592
Bakamidis, S. *see* Dologlou, I. 97736
Bakar, J.H.M.A., Ismail, I. Integer programming model for node permutation in performance optimization of DQDB network 78008
Bakar, Z.A., Yaacob, M., Hamdi, R. Data compression algorithms: sequential versus parallel implementation 97453
Bakel, B. *see* Sik-Han Soh 64062
Baker, A.E., Sitzia, R.M., Preston, I., Puzo, A., Pons, A. Characterisation of electromagnetic anechoic chamber by finite element method 65896
Baker, A.E. *see* Sitzia, A. 65604
Baker, A.E. *see* Sitzia, A.M. 65897
Baker, A.J. An adaptive cable equalizer for serial digital video rates to 400 Mb/s 78330
Baker, B. Tailoring feedback components prevents amplifier oscillation 73103
Baker, B. *see* Kumar, N. 89367
Baker, B. *see* Mehdi, N. 70154
Baker, B.C. The basics of isolation circuits 79281
Baker, B.C. OTDR systems characterize faults in optical fiber 106807
Baker, C. A proactive approach to maintenance [of transformer substations] 121801
Baker, C.R., Chao, I.-F. Information capacity of channels with partially unknown noise. II. Infinite-dimensional channels 97407
Baker, C.T.H. *see* Ford, N.J. 61076
Baker, D., Brett, P.N., Griffiths, M.V., Reyes, L. A mechatronic drilling tool for ear surgery: a case study of some design characteristics 80420
Baker, D., Capsuto, E. Critical dimension control for i-line 0.35 μm device using a new anti-reflective coating 105819
Baker, D., Klein, S. What's driving demand? Telecommunications carriers are turning to warehousing to manage their vast sources of data 87582
Baker, D.C. *see* De Beer, J.T. 117089
Baker, D.E., Erasmus, J. Compact, extended bandwidth 0.7 to 40 GHz spiral antenna with integrated diplexer 117054
Baker, D.E. *see* Boonzaaier, J.J. 117056
Baker, D.E. *see* Booysen, A.J. 117096
Baker, D.E. *see* Booysen, A.J. 117098
Baker, D.E. *see* Coetzee, D.J. 117100
Baker, D.E. *see* Du Plessis, M. 117055
Baker, D.E. *see* Du Plessis, M. 117099
Baker, D.E. *see* Erasmus, J. 117101
Baker, D.R., Verbrugge, M.W. Theory and simulation of solid-electrolyte wide-range sensors for combustion-gas streams 100165
Baker, D.R. *see* Verbrugge, M.W. 95221
Baker, E. *see* Awad, M. 103052
Baker, E.E. *see* Tengdin, J.T. 121262
Baker, F. Real-time services for router nets 78170
Baker, G.A., Jr. *see* Graves-Morris, P.R. 60995
Baker, H. *see* Abramski, K. 107105
Baker, H.J. *see* Colley, A.D. 107104
Baker, H.J. *see* Faulstich, A. 65122
Baker, I. Introducing new technology: audio in on-line non-linear and other examples 109897
Baker, I., Bulford, B. A cost-effective strategy for the archiving of ageing film 109952
Baker, I. *see* Shull, R.D. 75106
Baker, I.M., Hastings, M.P., Hipwood, L.G., Jones, C.L., Knowles, P. Infrared detectors for the year 2000 89089
Baker, J. *see* Bowron, J. 89237
Baker, J. *see* Restaino, S.R. 109682
Baker, J.D., Wells, W.M., III Multiresolution statistical object recognition 77161
Baker, J.E. *see* Jackson, S.L. 104013
Baker, J.E. *see* Malin, J.I. 94507
Baker, J.R. Focused ion beam insulator deposition 104098
Baker, J.W. *see* Merry, M.S. 97877
Baker, K. I_{DDQ}: you heard the hype, but what's really coming? 73219
Baker, K., Rao, B.K.N., Hope, A.D., Noroozi, S. Performance monitoring of a machining centre 110027
Baker, K. *see* Szymanski, J.J. 110589
Baker, K.D. *see* Tan, T.N. 86407
Baker, K.D. *see* Tan, T.N. 87036
Baker, L. *see* Tossan, D. 87542
Baker, L.A. *see* Goldsmith, P.F. 68790
Baker, M., Maeder, A. Segmentation-based coding of motion fields for video compression 86581
Baker, M. *see* Cheshire, S. 118129
Baker, R.D., Ebert, G.L. Regulus-free spreads of PG(3, q) 72629
Baker, R.J. *see* Pease, R.A. 106126
Baker, R.T., Metcalfe, I.S. Study of the activity and deactivation of $La_{0.8}Ca_{0.2}CrO_3$ in dry CH_4 using temperature programmed techniques 81830
Baker, R.T., Oliver, T.N. Magnetostriction and vibration in steel heated by induction 103161
Baker, S. Evaluating remote desktop IP 67571
Baker, S. New NFS standards 109126
Baker, S., Nayar, S.K. Pattern rejection 86427
Baker, S., Winklebleck, J. Improvements to the reactor physics codes at Hope Creek 81270
Baker, S., Winklebleck, J. Evaluation of a rotated bundle at Hope Creek 81277
Baker, S. *see* Jackson, G. 100728
Baker, S. *see* Nayar, S.K. 86416
Baker, S. *see* Wu, J. 110619
Baker, S.L. *see* Fernandez, A. 115521
Baker, T. *see* Lau, J. 83597
Baker, T.J. *see* Lizotte, T.E. 105619
Baker, W.D. The role of MCMs in wireless communications 62520
Baker, W.I., Mahmood, A., Carlson, B.S. Parallel event-driven logic simulation algorithms: tutorial and comparative evaluation 93074
Baker, W.I. *see* Mahmood, A. 73253
Baker Kearfott, R. Interval extensions of non-smooth functions for global optimization and non-linear systems solvers 92528
Baker-Jarvis, J. *see* Geyer, R.G. 108003
Baker-Schreyer, A. *see* Foth, H.-J. 80199
Bakes, C.Murphy *see* Murphy Bakes, C.
Bakharev, B.V. Randomness check by the length of series in a sequence approximated by Bernoulli tests 108105
Bakharev, S.A., Mironenko, M.V., Chudakov, A.I. Methods for the calibration of parametric transmitting and receiving arrays 101585
Bakhashwain, J.M. *see* Farag, A.S. 102909
Bakhmutsky, M. Novel architectures for implementing very high throughput variable length decoders in HDTV systems 88834
Bakhrakh, L. *see* Kritsky, S.V. 70601
Bakhramov, S.A., Kakhkhorov, M.M., Kokhkharov, A.M. Self-rotation of the polarization ellipse of laser radiation in rubidium vapors in nonresonant interactions 116604
Bakhramov, S.A., Paiziev, Sh.D., Parpiev, O.R., Tashpulatov, Z.T. Investigation of the mechanism of formation of a lengthened train of pulses in a garnet laser with nonlinear optical feedback in GaAs 75889
Bakhtiar, B., Alavi, H., Amoozegar, F. Efficient algorithm for computing data association probabilities for multitarget tracking 86237
Bakhtizin, R.Z. *see* Amirkhanov, R.N. 74046
Bakhtizin, R.Z. *see* Amirkhanov, R.N. 83753
Bakin, A.S., Hallin, C., Kordina, O., Janzen, E. High resolution XRD study of silicon carbide CVD growth 104165
Bakin, A.S. *see* Avrov, D.D. 105214
Bakin, A.S. *see* Hallin, C. 105712
Bakin, A.S. *see* Kordina, O. 103913
Bakin, A.S. *see* Tuominen, M. 103819
Bakin, A.S. *see* Yakimova, R. 103980
Bakircioglu, I. *see* Cramer, C. 108727
Bakircloglu, H. *see* Cramer, C. 117596
Bakirov, J.M. *see* Galiulin, R.M. 107673
Bakirov, M.Ya. Passivation and photoluminescence in silicon solar cells with optical coatings 102985
Bakirtzis, A.G. *see* Dokopoulos, P.S. 81365
Bakirtzls, A.G., Petridls, V., Klartzis, S.J., Alexladls, M.C., Malssls, A.H. A neural network short term load forecasting model for the Greek power system 70792
Bakis, C.E. *see* Mulcahy, T.M. 95617
Bakka, B. *see* Skeie, T. 98971
Bakka, B. *see* Waadeland, T. 98514
Bakkar, E.-S.A. *see* Sobhy, M.I. 93099
Bakkar, E.-S.A. *see* Sobhy, M.I. 114249
Bakkar, E.A. *see* Sobhy, M.I. 114244
Bakke, J.W. Competition in mobile telephony 99243
Bakken, D.E., Schantz, R.E., Zinky, J.A. QoS issues for wide-area CORBA-based object systems 87754
Bakken, I.J., Lucas, N. Integrated resource planning and environmental pricing in a competitive and deregulated electricity market 70652
Bakker, A., Huijsing, J.H. Micropower CMOS temperature sensor with digital output 79378
Bakker, H.J. *see* Cho, G.C. 114727
Bakker, H.J. *see* Dekorsy, T. 63037
Bakker, H.T. *see* Woutersen, S. 116735
Bakker, R. *see* Couprie, M.E. 107397
Bakker, R. *see* Hara, T. 76048
Bakker, R. *see* Luijckx, G. 79917
Baklakov, B. *see* Shiltsev, V. 89612
Baklanov, A.I., Bogachev, V.I., Yeltsov, A.V., Kolotkov, V.V. Sensitivity of an optoelectronic camera on the basis CCD for astronomy 100099
Baklanov, A.I., Larionov, S.V., Scrilev, A.S. Specialized CCD for the time delay and integration (TDI) regime with variable vector of an image movement velocities 100093
Baklanov, A.I., Zhevako, V.V., Karasev, V.I., Kolotkov, V.V., Prasolov, V.O., Shumilov, A.N. An optical PhCCD unit with velocity compensation 100097
Baklanov, M.R. *see* Gusev, G.M. 63032
Baklanov, M.R. *see* Sharafutdinov, R.G. 61404
Bakos, G.C., Tsagas, N.F. A laser system for pollution detection 111307
Bakowski, A., Czerwinski, A.A., Tomaszewski, D., Gibki, J. A novel approach to generation lifetime determination from gate-controlled diode characteristics 63559
Bakowski, M. *see* Gustafsson, U. 106041
Bakre, A. *see* Acharya, A. 88207
Bakry, A.M., Elnaggar, A.M. Study of deep levels in Schottky/$CuInSe_2$ single-crystal devices by deep-level transient spectroscopy measurements 74681
Bakshi, P.R. Development of wind power in India 102534
Bakshi, S., Gajski, D.D. Component selection for high-performance pipelines 61959
Bakshi, S., Gajski, D.D., Hsiao-Ping Juan Component selection in resource shared and pipelined DSP applications 117381
Bakshi, S. *see* Hsiao-Ping Juan 113680
Bakulin, Y.P. *see* Filippov, N.V. 110637
Bakunov, M.I., Zhukov, S.N. Transformation of electromagnetic wave polarization by the resonance in a thin solid-plasma film 97021
Bakut, P.A. *see* Shults, S.V. 108657
Bal, F. *see* Hallgren, B. 90201
Bal, F. *see* Hallgren, B. 100956
Bal, G. Comparison of an extended Kalman filter and compensation methods for rotor resistance variation 91515
Bal, G. *see* Golak, I. 81443
Bala, K., Brackett, C.A. Cycles in wavelength routed optical networks 88533
Bala, K., Yoo, S.J.B., Antoniades, N., Ellinas, G. Parametric wavelength interchanging cross-connect architecture 88052
Bala, K. *see* Antoniades, N. 109658
Bala, K. *see* Iness, J. 78905
Bala, K. *see* Jackel, J.L. 78891
Bala, K. *see* Jagannath, S. 88474
Bala, W. *see* Rozploch, F. 114897
Bala, W. *see* Sahraoui, B. 116666
Balaban, M., Luzuriaga, D., Nasan, R., Yeralan, S. Development of an automated quality evaluation device for shrimp 117613
Balabanian, V., Casey, L., Greene, N. Digital storage of media-command and control protocol applied to ATM 98448
Balabas, M.V. *see* Alexandrov, E.B. 64833
Balac, S., Caloz, G. Magnetic susceptibility artifacts in magnetic resonance imaging: calculation of the magnetic field disturbances 70050
Balachandhran, V., Pandu Rangan, C. All-pairs-shortest-length on strongly chordal graphs 103619
Balachandra, J. *see* Russell, C.A. 101753
Balachandra, T.C., Nagabhushana, G.R. Spatio-temporal behaviour of anode spot temperature in vacuum gaps under impulse excitations 75040
Balachandran, B. *see* Mei Jin 115454
Balachandran, H., Walker, D.M.H. Improvement of SRAM-based failure analysis using calibrated Iddq testing 104548
Balachandran, R.M., Lawandy, N.M. Understanding bichromatic emission from scattering gain media 116400
Balachandran, R.M., Pacheco, D.P., Lawandy, N.M. Photonic textile fibers 65052
Balachandran, R.M., Perkins, A.E., Lawandy, N.M. Injection locking of photonic paint 65058
Balachandran, U., Iyer, A.N., Haldar, P., Hoehn, J.G., Jr., Motowidlo, L.R. Progress in development of tapes and magnets made from Bi-2223 superconductors 115909
Balachandran, U., Iyer, A.N., Jammy, R., Haldar, P., Hoehn, J.G., Jr., Suenaga, M. Processing and properties of long lengths of Ag-clad BSCCO superconductors and high-T_c magnets 84865
Balachandran, U., Youngdahl, C.A., Lanagan, M.T., Dorris, S.E., Picciolo, J.J., Cluff, J., Brent, T., Marenelli, M., Fisher, B., Winandy, P., Wenzlaff, J., Askew, T., Niemann, R., Poeppel, R.B., Nakade, M., Hara, T. Design and production of efficient leads for 1500-A, 50-Hz service in a 77-4 K temperature gradient 91234
Balachandran, U. *see* Ma, B. 112323
Balachandran, U. *see* Prorok, B.C. 95432

Balachandran, W. *see* Ensell, G. 79298
Balachandran, W. *see* Halimic, M. 69525
Balachandran, W. *see* Halimic, M. 119897
Balachandran, W. *see* Tariq, M. 100346
Baladi, V., Kondah, A., Schmitt, B. Random correlations for small perturbations of expanding maps 92495
Balageas, D. *see* Krapez, J.-C. 69251
Balagi, V. *see* Prasad, K.R. 90130
Balagurov, L.A., Katz, E.A., Petrova, E.A., Govorkov, A.V., Ritova, N.I., Evdokimov, V.M., Luk'yanov, A.E., Butikina, N.A. Device structures on porous silicon studied by scanning electron microscopy in the electron-beam current mode 83813
Balaji, E., Krishnamurthy, P. Modeling ASIC memories in VHDL 113952
Balaji, T. *see* Rambabu, U. 75711
Balaji, U., Vahldieck Radial mode matching analysis of ridged circular waveguides 97226
Balaji, U., Vahldieck, R. Analysis of higher order modes in TEM cells and RCL using the mode matching method 78333
Balaji, U., Vahldieck, R. Field theory based S-parameter analysis of circular ridged waveguide discontinuities 97247
Balaka, R. *see* Chirarattananon, S. 71897
Balakin, V. *see* Alexandrof, V.A. 100628
Balakin, V.E. *see* Dolbilov, G.V. 94192
Balakirsky, V.B. Estimations of the transfer functions of noncatastrophic convolutional encoders 66389
Balakirsky, V.B. On interval linear complexity of binary sequences 66486
Balakirsky, V.B. *see* Ahlswede, R. 117257
Balakrishna, B. *see* Sarma, A.D. 65849
Balakrishna, V. *see* Singh, N.B. 82580
Balakrishnan, A., Chakradhar, S.T. Software transformations for sequential test generation 61764
Balakrishnan, A., Chakradhar, S.T. Sequential circuits with combinational test generation complexity 93323
Balakrishnan, A., Chakradhar, S.T. Retiming with logic duplication transformation: theory and an application to partial scan 93334
Balakrishnan, A., Sanders, S., DeMars, S., Webjorn, J., Nam, D.W., Lang, R.J., Mehuys, D.G., Waarts, R.G., Welch, D.F. Broadly tunable laser-diode-based mid-infrared source with up to 31 μW of power at 4.3-μm wavelength 96647
Balakrishnan, H., Padmanabhan, V.N., Seshan, S., Katz, R.H. A comparison of mechanisms for improving TCP performance over wireless links 118126
Balakrishnan, I.S. *see* Bhaskar, B.K. 110909
Balakrishnan, K. *see* Anee, T.K. 83857
Balakrishnan, K. *see* Marhas, M.K. 99864
Balakrishnan, K. *see* Prabu, S.V. 99961
Balakrishnan, K. *see* Tafreshi, M.J. 74295
Balakrishnan, M., Basile, C., Cugnini, A., Shen, R. Digital video and the national information infrastructure 99770
Balakrishnan, M., Trivedi, K.S. Stochastic Petri nets for the reliability analysis of communication network applications with alternate-routing 78123
Balakrishnan, N. *see* Rajalakshmi Menon, K. 68662
Balakrishnan, S.N. *see* Panapakkam, A. 98199
Balakshina, L.V., Vilesov, D.V., Iskhakov, A.S. Influence of the internal resistance of the power supply on the stability region of a pulsewidth converter 102840
Balakshy, V., Voloshinov, V., Karasev, V., Molchanov, V., Semenkov, V. Compensation of thermal effects in acousto-optic deflector 106889
Balan, C., Sima, I. Wide band amplifiers with large dynamic range 61657
Balan, C. *see* Sima, I.T. 62258
Balan, H. *see* Munteanu, R. 71353
Balan, T. *see* Ciobanu, R. 71614
Balandier, T., Caminada, A., Lemoine, V., Alexandre, F. 170 MHz field strength prediction in urban environment using neural nets 88318
Balandikov, N.I., Ershov, V.P., Fimushkin, V.V., Kulikov, M.V., Pilipenko, Yu.K., Shutov, V.B. Status of the hydrogen and deuterium atomic beam polarized target for NEPTUN experiment 120111
Balandin, A., Bandyopadhyay, S. Theoretical studies of the effects of a magnetic field on excitonic nonlinear optical properties of quantum wires 116669
Balandin, A.L. *see* Denisova, N.V. 98198
Balandin, V.P. *see* Aleev, A.N. 120186
Balanis, C.A. *see* Lyons, M.R. 62174
Balanis, C.A. *see* Lyons, M.R. 85937
Balanis, C.A. *see* Medina, M.C. 97319
Balanis, C.A. *see* Polycarpou, A.C. 83486
Balanis, C.A. *see* Polycarpou, A.C. 97278
Balanis, C.A. *see* Polycarpou, A.C. 114322
Balanis, C.A. *see* Weimin Sun 76368
Balanis, C.A. *see* Whetten, F.L. 97290
Balanov, A.G. *see* Yanson, N.B. 120452
Balaras, C.A., Dascalaki, E., Santamouris, M., Gaglia, A. Educational and training activities in renewable energy in the European Union 102352
Balaras, C.A. *see* Santamouris, M. 122090
Balarin, F., Hsieh, H., Jurecska, A., Lavagno, L., Sangiovanni-Vincentelli, A. Formal verification of embedded systems based on CFSM networks 87472
Balas, E., Ceria, S., Cornuejols, G., Natraj, N. Gomory cuts revisited 92530
Balas, E. *see* Simonetti, N. 113175
Balasekar, S. *see* Ansari, N. 68333
Balashov, K.Ye., Kryukov, V.A., Manygin, A.A. Metrological assurance of sensor development and manufacturing 88902
Balashov, S.M., Cabreira, C.M., Finardi, C.A., de Almeida, A.M. Green's function approach to the design of SAW filters, containing long unidirectional transducers 93548
Balashov, S.M., Pomet'ko, R.S., Nigmatulin, B.I. The specifics of transient boil-off of the coolant for a circulation failure in the bundles of pressurized water reactors 102394
Balashov, V.V. *see* Borisov, R.K. 102225
Balashova, E.V., Lemanov, V.V., Kunze, R., Martin, G., Weihnacht, M. Some new results on the ultrasonic behavior of SrTiO$_3$ in the quantum paraelectric region 106323
Balasingam *see* Griffiths, N.J. 102362
Balasko, H. Picture quality problems related to nonlinear video editors 77447
Balasko, M., Svab, E. Dynamic neutron radiography instrumentation and applications in Central Europe 104242
Balasooriya, B.A.A.P. *see* Alahakoon, U.S.K. 91906
Balasubramaniam, K. *see* Sullivan, R.W. 61509
Balasubramanian, N., Kong, C.W., Jang, C., Kovelamudi, R.B. Optimized polysilicon deposition using response surface methodology 113434
Balasubramanian, R., Nagaraj, S.V. Perfect power testing 72475
Balasubramanian, R., Srinivas, T., Selvarajan, A. Analysis of interaction between inclined waveguide modes 64736
Balasubramanian, R. *see* Mufti, M.-u.-D. 111863
Balasubramaniyan, A., Ivanov, T., Mortazawi, A. MESFET-based spatial power combiners 62208
Balasubramanya Murthy, K.N., Siva Ram Murthy, C. Parallel algorithm for solving sparse linear systems 103760
Balasubramanyam, P.V., Murty, A.S.R., Sarkar, B.N. Analysis of supplementary controls in damping subsynchronous oscillations 80831
Balata, M. *see* Cribier, M. 110538
Balberg, I. *see* Lubianiker, Y. 62673
Balberg, I. *see* Lubianiker, Y. 94393
Balberg, M., Razvag, M., Vidro, S., Refaeli, E., Agranat, A.J. Electroholographic neurons implemented on potassium lithium tantalate niobate crystals 116163
Balberg, M. *see* Agranat, A.J. 65540
Balbo, G., Serazzi, G. Asymptotic analysis of multiclass closed queueing networks: Common bottleneck 78029
Balboni, A., Fornaciari, W., Sciuto, D. Co-synthesis and co-simulation of control-dominated embedded systems 93226
Balboni, R., Armigliato, A., Frabboni, S. Bulk mismatch values of heterostructures as determined from convergent beam electron diffraction on thin cross sections 62811
Balboni, R. *see* Scorzoni, A. 115028
Balbuena, C., Carmona, A., Fabrega, J., Fiol, M.A. On the connectivity and the conditional diameter of graphs and digraphs 103649
Balcells, A. *see* Iskander, M.F. 92096
Balcells, L., Enrich, R., Mora, J., Calleja, A., Fontcuberta, J., Obradors, X. Manganese perovskites: thick-film based position sensors fabrication 110111
Balcerak, R., DePersia, T. Advances in uncooled LWIR thermal sensors 100004
Balcerzyk, M. *see* Wojtowicz, A.J. 80012
Balch, B. *see* Eggers, M. 69338
Balch, J.W. *see* Raley, N.F. 74870
Balchin, M.J. *see* Eastham, J.F. 71829
Balchin, M.J. *see* Eastham, J.F. 102746
Balchiunas, V. *see* Balevichius, S. 75379
Balchiunas, V. *see* Balevichius, S. 115973
Balcombe, H.G. The assessment and management of aged oil-filled switchgear 71573
Balcou, P., Dutriaux, L., Bretenaker, F., Le Floch, A. Frustrated total internal reflection of laser eigenstates 96589
Baldacchini, G., Cremona, M., d'Auria, G., Montereali, R.M., Montecchi, M., Pelli, S., Righini, G.C., do Carmo, L.C.S. Green-red light generation and propagation in LiF films 95942
Baldacchini, G., D'Amato, F., De Rosa, M., Nadezhdinskii, A.I., Lemekhov, N., Sabolev, N. Measurement of atmospheric CO concentration with tunable diode lasers 69556
Baldanza, C., Beichter, J., Bisi, F., Bruels, N., Bruschini, C., Cotta-Ramusino, A., D'Antone, I., Malferrari, L., Mazzanti, P., Musico, P., Novelli, P., Odorici, F., Odorico, R., Passaseo, M., Zuffa, M. Results from a MA16-based neural trigger in an experiment looking for beauty 100919
Baldanza, C., Beichter, J., Bisi, F., Bruels, N., Cotta-Ramusino, A., D'Antone, I., Malferrari, L., Mazzanti, P., Odorici, F., Odorico, R., Zuffa, M. Hardware and software structure of a neural network trigger based on the ETANN and MA16 chips 69857
Baldassarri, M. *see* Grianti, F. 120521
Baldazo, R. Battle of the Web site builders 98746
Balder, R., Zenger, C. The solution of multidimensional real Helmholtz equations on sparse grids 61126
Baldereschi, A. *see* Di Ventra, M. 63813
Baldereschi, A. *see* Di Ventra, M. 114687
Baldereschi, A. *see* Di Ventra, M. 115262
Balderrama, E. *see* Yuen, C. 93879
Baldevia, R.P. *see* Wong, H.H. 70765
Baldi, L., Cascella, A., Vajana, B. A scalable single poly EEPROM cell for embedded memory applications 83128
Baldi, P. *see* Trevino-Palacios, C.G. 107545
Baldi, P. *see* Trevino-Palacios, C.G. 116630
Baldick, R. *see* Dan Jiang 70871
Baldin, A.M., Agapov, N.N., Anishchenko, N.G., Averichev, S.A., Bartenev, V.D., Blinov, N.A., Datskov, V.I., Donyagin, A.M., D'yachkov, E.I., Goncharov, I.N., Issinsky, I.B., Khodzhibagiyan, H.G., Kovalenko, A.D., Kulikov, Yu.V., Kuzichev, V.N., Makarov, L.G., Mikhailov, V.A., Rihter, D., Smirnov, A.A., Starikov, A.Yu., Shishov, Yu.A., Volkov, V.Ya. Superconducting correction impulse magnets for the accelerator Nuclotron 90061
Baldine, I. *see* Rouskas, G.N. 87495
Baldini, A., Bemporad, C., Caffau, E., Cei, F., Cristaudo, P., Giannini, G., Grassi, M., Nicolo, D., Parlati, S., Pazzi, R., Pieri, G., Stalio, S., Zhang, Y.M. The photomultiplier test facility for the reactor neutrino oscillation experiment CHOOZ and the measurements of 250 8-in. EMI 9356KA B53 photomultipliers 62650
Baldini, L. *see* Giuli, D. 68580
Baldini, L. *see* Giuli, D. 70497
Baldini, L. *see* Giuli, D. 111200
Baldini, L. *see* Nativi, S. 120803
Baldo, P.M. *see* Turkot, B.A. 114882
Baldo-Ceolin, M. *see* Autiero, D. 69815
Baldo-Ceolin, M. *see* Autiero, D. 80006
Baldock, R. *see* Guest, E. 90398
Baldomir, D., Campoy, C. Wave propagation in the algebra differential forms and variational principles 76413
Baldomir, D. *see* Lois, P. 65699
Baldoni, R., Helary, J.-M., Raynal, M. About state recording in asynchronous computations 98471
Baldoni, R., Mostefaoui, A., Raynal, M. Causal multicast in unreliable networks for multimedia applications 109199
Baldoni, R., Prakash, R., Raynal, M., Singhal, M. Efficient Δ-causal broadcasting for multimedia applications 98880
Baldoni, R., Raynal, M., Prakash, R., Singhal, M. Broadcast with time and causality constraints for multimedia applications 118078
Baldsing, W.G.A. *see* Newhnam, R.H. 112267
Baldus, H., Gegenmantel, E. Efficient UI interaction with TMN management 87587
Baldwin, D.F., Deshmukh, R.D., Hau, C.S. Preparation and properties of gallium alloys for use as microelectronic interconnect materials 82274
Baldwin, F., Holloway, P.H., Bordelon, M., Watkins, T.R. Stress generation in Al-Si-Cu metallization resulting from thermal cycling between −196°C and 250°C 115022
Baldwin, G. Telecentric lens for precision machine vision 119727
Baldwin, G.L., Li, Z., Tsai, C.C., Zhang, J. *(editors)* 1995 4th International Conference on Solid-State and Integrated Circuit Technology. Proceedings (Cat. No.95TH8143) 72053
Baldwin, K.G.H. *see* Weijian Lu 116596
Baldwin, N.J., Yang Wang, Ng, T.C. In situ ^{19}F MRS measurement of RIF-1 tumor blood volume: corroboration by radioisotope-labeled [^{125}I]-albumin and correlation to tumor size 80281
Balemarthy, K. *see* Yost, S.A. 66771
Balembois, F. *see* Falcoz, F. 96207
Balendra, R., Ou, H., Lu, X., Chodnikiewicz, K. FE analysis of pre-stressed press frames 92645
Balendra, R., Qin, Y. Analysis and evaluation of errors in the nett-form manufacturing of components 92640
Balendra, R. *see* Choy, C.M. 92644
Bales, J.W. Validation of the installation of CTD sensors on an AUV 90836
Balestra, F., Tsuno, M., Matsumoto, T., Koyanagi, M. Electrical properties of 0.1 μm and sub-0.1 μm single-drain and LDD MOSFETs from room to liquid helium temperatures 63670
Balestra, F. *see* Ghibaudo, G. 94974
Balestra, F. *see* Jomaah, J. 84452
Balestra, F. *see* Mounib, A. 63594
Balestra, F. *see* Renn, S.H. 94980
Balestra, F. *see* Szelag, B. 94982
Balestrino, A., Bini Verona, F., Caiti, A., Landi, R. A hybrid genetic algorithm for binary channel equalization 98357
Balestrino, A. *see* Verona, F.B. 97956
Balestro, F. *see* Morche, D. 104632
Baleswaren, B. *see* Bain, D. 102304
Balev, O.G., Gorodnichii, O.P., Chernega, P.I. Anomalies of the magnetic-field dependence of the galvanomagnetic coefficients in quantizing magnetic fields 114610
Balevichius, S., Anisimovas, F., Balchiunas, V., Butkute, R., Flodstrom, A., Vengalis, B., Zakarevichius, R.A. Nanosecond electrical instability in high-T$_c$ superconducting microstrips 75379

Balevichius, S., Balchiunas, V., Chenys, A., Vengalis, B., Anisimovas, F., Butkute, R., Lisauskas, V., Jasutis, V. Damage to high-T$_c$ superconducting microstrips induced by ultrafast S-N switching 115973
Balewski, J. *see* Brauksiepe, S. 100815
Balewski, K., Brefeld, W., Hahn, U., Pfluger, J., Rossmanith, R. An undulator at PETRA II–a new synchrotron radiation source at DESY 80148
Balfanz, D. *see* Redlich, J.-P. 118858
Balfour, C., Shaw, A., Mayhew, S.E., Al-Shamma'a, A.I., Dearden, G., Lucas, J., Stuart, R.A., Hartley, J.R. Real time diagnostics for the operation of a CW low voltage FEL 96558
Balfour, C. *see* Shaw, A. 96080
Balhan, B., Burton, A., Carlier, E., Deluen, J.-P., Dieperink, N., Garrel, N., Goddard, B., Guinand, R., Kalbreier, W., Laffin, L., Lamont, M., Mertens, V., Poole, J., Verhagen, H. Modification of the LEP electrostatic separator systems for operation with bunch trains 79967
Balictsis, C.M., Oughstun, K.E. Uniform asymptotic description of Gaussian pulse propagation of arbitrary initial pulse width in a linear, causally dispersive medium 97050
Baliga, A. *see* Agahi, F. 75986
Baliga, A. *see* Choi, H.K. 96262
Baliga, B.J. Trends in power semiconductor devices 105834
Baliga, B.J. Prospects for development of SiC power devices 105986
Baliga, B.J. *see* Alok, D. 94888
Baliga, B.J. *see* Alok, D. 105596
Baliga, B.J. *see* Alok, D. 105867
Baliga, B.J. *see* Alok, D. 106091
Baliga, B.J. *see* Alok, D. 115227
Baliga, B.J. *see* Kothandaraman, M. 74571
Baliga, B.J. *see* Kurlagunda, R. 105941
Baliga, B.J. *see* Mehrotra, M. 105939
Baliga, B.J. *see* Raghunathan, R. 105868
Baliga, B.J. *see* Sawant, S. 105937
Baliga, B.J. *see* Shekar, M.S. 74712
Baliga, B.J. *see* Shenoy, P.M. 105888
Baliga, B.J. *see* Singh, R. 74769
Baliga, B.J. *see* Sridevan, S. 105719
Baliga, B.J. *see* Sridhar, S. 105927
Baliga, B.J. *see* Sridhar, S. 105935
Baliga, B.J. *see* Sridhar, S. 115176
Baliga, B.J. *see* Sridhar, S. 115185
Baliga, B.J. *see* Sunkavalli, R. 105933
Baliga, B.Jayant *see* Jayant Baliga, B.
Balint, C. *see* Culcer, M. 119929
Balivada, A., Chen, J., Abraham, J. Analog testing with time response parameters 62491
Balivada, A. *see* Zheng, H.H. 106145
Balk, H.K. *see* Kwak, J.S. 114812
Balk, L.J., Heiderhoff, R., Koschinski, P., Maywald, M. Nanoscopic evaluation of semiconductor properties by scanning probe microscopies 115117
Balk, L.J. *see* Heiderhof, R. 110351
Balk, L.J. *see* Wittpahl, V. 96043
Balk, O.A. *see* Boag, J.W. 70278
Balk, P. *see* Clement, M. 84018
Balkarei, Yu.I., Elinson, M.I., Evtikhov, M.G., Kogan, A.S., Orlov, Yu.N. Digital time-impulse autowave neural networks and their microelectronic implementation 62098
Balkcum, A.J., McDermott, D.B., Phillips, R.M., Lin, A.T., Luhmann, N.C., Jr. 250-MW X-band TE$_{01}$ ubitron using a coaxial PPM wiggler 105045
Balkcum, A.J., McDermott, D.B., Phillips, R.M., Luhmann, N.C., Jr. 250 MW, 11.4 GHz PPM coaxial ubitron 116291
Balkcum, A.J. *see* McDermott, D.B. 105041
Balkcum, A.J. *see* McDermott, D.B. 107363
Balkenius, C., Kopp, L. Visual tracking and target selection for mobile robots 117795
Balkwill, A.P. *see* Smith, P.M. 80997
Ball, A.R., Leenaers, A.J.G., van der Zaag, P.J., Shaw, K.A., Singer, B., Lind, D.M., Frederikze, H., Rekveldt, M.T. Polarized neutron reflectometry study of an exchange biased Fe$_3$O$_4$/NiO multilayer 106573
Ball, C. *see* Auciello, O. 73949
Ball, C. *see* Bobbio, S. 106287
Ball, C. *see* Goodwin-Johansson, S. 74981
Ball, C. *see* Palmer, D. 62571
Ball, C.A. *see* Cha-Mei Tang 73995
Ball, C.A. *see* Temple, D. 74001
Ball, C.A. *see* Yadon, L.N. 74016
Ball, C.F., Mlynski, D.A. Two new strategies for fuzzy bipartitioning of circuit hypergraphs 61514
Ball, F., Hutchison, D. Congestion control in an ATM LAN 77936
Ball, G.C. *see* Fox, D. 90136
Ball, J., Benda, B., Chaumette, P., Combet, M., Deregel, J., Durand, G., Gaudron, C., Janout, Z., Kasprzyk, T.E., Khachaturov, B.A., Lehar, F., de Lesquen, A., Matafonov, V.N., Sans, J.-L., Usov, Yu.A. Polarized target for nucleon-nucleon experiments at Saturne II 120096
Ball, M. *see* Jones, W.P. 100575
Ball, M. *see* Kang, X. 89843
Ball, M. *see* Liu, J.Y. 89882
Ball, M. *see* Pei, A. 89976
Ball, M. *see* Wang, L. 89881
Ball, R. *see* Jennings, P. 76496
Ball, R.J. *see* Lever, P.H. 65876
Ball, W., Dib, R.N. Propagation of the audio frequency level in the network 90979
Balla, K. Boundary conditions and their transfer for differential-algebraic equations of index 1 61040
Ballad, J.P., Bassett, R.J., Davidson, C.C. Power electronic devices and their impact for power transmission 70823
Balladore, J.L. *see* Simon, L. 94664
Ballagh, P. *see* Holstein, D. 93764
Ballan, H. *see* Favrat, P. 81494
Balland, B. *see* Kaabi, L. 94662
Ballandras, S., Gavignet, E., Bigler, E. Single and double side grating devices built on thin quartz plates for the excitation of surface transverse waves 106446
Ballandras, S. *see* Basrour, S. 72273
Ballandras, S. *see* Gavignet, E. 84757
Ballansat, J. *see* Abbes, M. 90145
Ballard, D.B. *see* Fu, J. 119519
Ballard, J. *see* Goodman, J. 97098
Ballarini, R. *see* Kahn, H. 74951
Ballato, A., Ballato, J. High-frequency piezoceramic equivalent circuit 84710
Ballato, A., Ballato, J. Modern piezoceramic equivalent networks 106384
Ballato, A. *see* Goli, J. 115453
Ballato, A. *see* Kosinski, J.A. 106416
Ballato, J. *see* Ballato, A. 84710
Ballato, J. *see* Ballato, A. 106384
Ballauff, M. *see* Moser, H.O. 79772
Balle, S. *see* Homar, M. 116559
Balle, S. *see* Martin-Regalado, J. 96344
Ballesteros, J.L., Baez-Lopez, D. A software tool for easy introduction to the use of simulators in the introductory circuit theory courses 60434
Ballesteros, J.M. *see* Afonso, C.N. 92865
Ballesteros, L. *see* Loske, A.M. 98079
Ballew, W.D. *see* DeBrunner, L.S. 97760
Balleyguier, P. Pulsed network analysis with random signal for RF feedback optimization 100776
Ballhaus, F., Soderberg, P., Vierth, I. Macro economic effects and implications from improved integration and application of ATT systems 99425
Ballif, C. *see* Regula, M. 113430
Balling, P., Badessi, S., Lindley, A. Element beam model for contoured beam reflector antenna fed by array of unequally sized rectangular waveguide radiators 66176
Ballingam, V., Christensen, K.J., Noel, F. Analysis of client/server transaction delay through a local area network switch 109063
Ballman, T.L. A proposal for the revision of RP-24 luminance requirements for luminaires with direct distribution 71875
Ballmoos, P.von *see* von Ballmoos, P.
Ballo, P., Macko, P., Harmatha, L., Mudron, J. Avalanche breakdown in irradiated pn-junctions 105242
Ballone, P. *see* Lamoen, D. 105456
Ballot, P.C. *see* Van Buren-Schele, J. 81097
Balme, L.J. *see* Vaucher, C.L. 82159
Balmer, J.E. *see* Graf, T. 107484
Balmer, J.E. *see* Praeg, A.R. 116305
Balmer, J.E. *see* Prag, A.R. 65020
Balmer, M. *see* DiMarco, D. 73357
Balmforth, C. User-friendly data acquisition for the laboratory 88947
Balmforth, C. Plug and play instrument control with LabVIEW 4.0 110017
Balocchi, R. *see* Di Garbo, A. 110832
Balocco, D., Derory, E., Ploquin, D., Zardini, C. A new single-stage isolated power factor preregulator for avionics distributed power supply systems 120633
Balocco, D., Zardini, C. The half-wave quasi-resonant ZCS flyback converter as an automatic power factor preregulator: an evaluation 71415
Balogh, R., Sturcel, J. Smart sensors with dynamic error reduction 99911
Balogi, P. *see* Pashevich, V.I. 121292
Balossino, N. The computer investigation on the Holy Shroud 98057
Balossino, N. *see* Favella, L. 98350
Balram, N., Moura, J.M.F. Noncausal predictive image codec 88016
Balram, N. *see* Olson, B. 100214
Balsara, P.T. *see* Ng, P. 73205
Balseiro, C.A. *see* Lopez, D. 75323
Baltag, O., Costandache, D. Magnetometer with ferrofluid fluxgate sensor 110121
Baltagi, Y., Bru-Chevallier, C., Guillot, G., Leclercq, J.L. Photoreflectance study of surface Fermi level of InAlAs after sulphidation 105146
Baltay, C. *see* Abe, K. 69708
Baltay, C. *see* Abe, K. 69726
Baltay, M. *see* Tatchyn, R. 96526
Baltensperger, U. *see* Parrat, Y. 100793
Baltes, H., Brand, O., Korvink, J.G., Lenggenhager, R., Paul, O. IMEMS–integrated micro electro mechanical systems by VLSI and micromachining 63974
Baltes, H., Paul, O. Thermal sensors fabricated by CMOS and micromachining 84643
Baltes, H. *see* Basedau, P. 93606
Baltes, H. *see* Bolliger, D. 79428
Baltes, H. *see* Bolliger, D. 112776
Baltes, H. *see* Funk, J. 63979
Baltes, H. *see* Funk, J. 74899
Baltes, H. *see* Haberli, A. 79362
Baltes, H. *see* Haberli, A. 119605
Baltes, H. *see* Korvink, J.G. 89040
Baltes, H. *see* Kuratli, C. 63988
Baltes, H. *see* Linder, S. 74644
Baltes, H. *see* Mayer, F. 79328
Baltes, H. *see* Trautweiler, S.F. 74891
Baltes, H. *see* von Arx, M. 115339
Baltog, I. *see* Reinisch, R. 116068
Baltus, J. A balance of power [power industry, Czech Republic] 101785
Baltus, J. Hydropower: underground and oversea 111835
Baltus, P.G.M. *see* Hurkx, G.A.M. 63855
Baltus, P.G.M. *see* van der Wel, W. 104820
Baluja, S. *see* Rowley, H.A. 86383
Balvers, R.P.A. Floating point speed and accuracy on a standard automotive MCU [microcontroller unit] 91928
Balyshev, O.A., Kaganovich, B.M., Merenkov, A.P. Pipeline systems of heat and water supply as the dynamic models of hydraulic circuits 113716
Balz, C. Efficient determination of quality parameters of quadrature amplitude modulated signals in digital television (DVB) 88847
Balzaretti, S. *see* Olsen, B.T. 98910
Balzarini, P. *see* Pratesi, R. 101429
Balzarotti, A., Belli, P., Bernabei, R., Di Nicolantonio, W., Fanfoni, M., Landoni, V., Motta, N., Paoluzi, L., Patella, F., Arciprete, F., Incicchitti, A., Fortunato, G. Gallium arsenide detectors for underground physics 120138
Bamba, T. *see* Makita, H. 102766
Bambach, B. *see* Blazek, M. 72234
Bamberg, B. *see* Albayrak, S. 87559
Bambha, N. *see* Cavus, A. 75705
Bambha, N. *see* Chen, J.C. 92719
Bamblevski, V.P., Spurny, F., Dudkin, V.E. Neutron spectrometry with bubble damage neutron detectors 80019
Bamblevski, V.P. *see* Astapov, A.A. 101450
Bambos, N., Bannister, J., Bergman, L., Cong, J., Gafni, E., Gerla, M., Kleinrock, L., Monacos, S., Po-Chi Hu, Kannan, B., Kwan, B., Palnati, P., Peck, J., Walton, S. The Supercomputer Supernet (SSN): a high-speed electro-optic campus and metropolitan network 98637
Bambos, N., Chen, S.C., Mitra, D. Channel probing for distributed access control in wireless communication networks 78456
Bambos, N. *see* Kleinrock, L. 78920
Bambos, N. *see* Rulnick, J.M. 88228
Bambos, N. *see* Scott, K. 78457
Bames, J., Nelson, J., Barnham, K.W.J., Roberts, J.S., Pate, M.A., Grey, R., Dosanjh, S.S., Mazzer, M., Ghiraldo, F. Characterization of GaAs/InGaAs quantum wells using photocurrent spectroscopy 74367
Bames, P.A. *see* Shul, R.J. 84141
Bamford, L.D., James, J.R., Fray, A. Prediction of phased array blindness using isolated element characteristics 66148
Bamford, R.M. *see* Wada, B.K. 115449
Bamji, C., Malavasi, E. Enhanced network flow algorithm for yield optimization 84559
Bamji, S. *see* Bulinski, A. 70913
Bamji, S.S., Bulinski, A.T. Thermoluminescence in XLPE cable insulation 64112
Bamji, S.S. *see* Montanari, G.C. 91176
Bamler, R. *see* Mittermayer, J. 120713
Bammi, R., Reno, S.E. Using CHARM-2 wafers to increase reliability in ion implant processing 63267
Ban, G., Prikler, L. Reference circuits for the investigation of power systems transients 111437
Ban, G. *see* Prikler, L. 111622
Ban, G. *see* Somogyi, A. 112045
Ban, J., Bauhoff, W., Bruncko, D., Brune, C., Claassen, F., Duhm, H.H., Eisen, E., Eschweiler, M., Ferencei, J., Fleischer, M., Gaertner, W., Gennis, M., Glazov, A., Griebel, R., Guelck, C., Harning, M., Hartmann, T., Hoelzke, U., Javorek, M., Kasselmann, H.P., Krasny, M.W., Krivan, F., Krause, H., Koch, J., Kuehn, U., Kurca, T., Langkau, R., Lipka, M., Maracek, R., Matysek, M., Meier, K., Murin, P., Novak, T., Olszowska, J., Peppel, E., Pichler, C., Rathje, K., Reimer, P., Reinshagen, S., Scobel, W., Schirm, N., Schrader, C., Schrieber, S., Seman, M., Skvaril, P., Spalek, J., Wunderlich, R., Zarbock, D. The H1 backward calorimeter BEMC and its inclusive electron trigger 69810
Ban, J. *see* Braunschweig, W. 120173
Ban, M., Takenaka, T., Hayashi, K., Suzuki, K., Enomoto, Y. Effect of Ar+O$_2$ plasma etching on microwave characteristics of YBa$_2$Cu$_3$O$_{7-x}$ based resonators 104790
Ban, M. *see* Suzuki, K. 83399
Ban, M. *see* Suzuki, K. 93811
Ban, M. *see* Suzuki, K. 115918
Ban, S. *see* Kanematsu, K. 64304
Ban, S. *see* Li Jianping 120192
Ban, T. *see* Kojima, M. 82770
Ban, Y. *see* Ishibashi, A. 72777
Ban, Y. *see* Matani, A. 90306
Ban Dayan *see* Dayan Ban
Ban Liangeng *see* Zeng Zhaohua 71600
Ban Min Hwan *see* Min Hwan Ban
Ban To Van *see* To Van Ban
Banaii, A. *see* Barkeshli, K. 97077
Banakar, M.H. *see* Navid-Azarbaijani, N. 70714
Banari, V., Gitsu, D., Kantser, V. PbTe filamentary crystals for optoelectronic devices 64927

Banarse, D.S., Duller, A.W.G. Deformation invariant pattern classification for recognising hand gestures 108622
Banas, D., Chase, H., Cunningham, J., Handschy, M., Meadows, M., Ward, D. Ferroelectric liquid-crystal spatial light modulators for projection display 89239
Banas, E. *see* Hazumi, M. 100854
Banas, E. *see* Tsuboyama, T. 100836
Banas, M. *see* Perlin, P. 107006
Banas, S. *see* Kudrna, J. 94255
Banatre, M. *see* Billot, M. 98871
Banatre, M. *see* Muller, G. 83143
Banawan, S.A., Radhakrishnan, G. An adaptive threshold based scheduling policy for ATM networks 108767
Banba, H. *see* Atsumi, S. 73349
Banba, S. *see* Imai, N. 68497
Banba, S. *see* Imaoka, T. 114307
Bancroft, D. *see* Cogan, A.I. 73131
Bancroft, D.J. Standards for interconnecting video servers–proliferation or unification? 109896
Bancroft, M.S. *see* Bryan-Brown, G.P. 85126
Band, H.R. Moller polarimetry at SLAC 119995
Band, L.E. *see* Fernandes, R. 111136
Band, L.E. *see* Fernandes, R. 120670
Band, Y.B. *see* Bryant, G.W. 105426
Bandara, S. *see* Gunapala, S. 89088
Bandeira, I.N. *see* Boschetti, C. 72950
Bandelier, B. *see* Djennah, M. 107785
Bandelier, B. *see* Ouldkhal, A. 70051
Bandelmann, R. *see* Koski, A. 90051
Bandelt, H.-J. *see* Rauscher, R. 106181
Bandemer, H. Specifying fuzzy data from grey-tone pictures for pattern recognition 77475
Bandera, C., Ghosal, S., Izatt, A.J. Retinotopic processing for active foveal vision 87009
Bandera, C. *see* Fenglei Du 86445
Bandera, C. *see* McKee, D.C. 117631
Bandilla, A., Drobny, G., Jex, I. Phase-space motion in parametric three-wave interaction 85690
Bandim, C.J. *see* Caldas, R.P. 102292
Bandim, C.J. *see* Caldas, R.P. 111686
Bandinelli, M., Bessi, F., Chiti, S., Giorgi, L. Measured versus simulated transient disturbances induced on a system harness 97185
Bandinelli, M., Bessi, F., Chiti, S., Infantino, M., Pomponi, R. Numerical modeling for LEMP effect evaluation inside a telecommunication exchange 98979
Bandis, C., Pate, B.B. Simultaneous field emission and photoemission from diamond 83693
Bandla, S. *see* Huguenin, G.R. 89158
Bandler, J.W., Biernacki, R.M., Chen, S.H. Fully automated space mapping optimization of 3D structures 82490
Bandler, J.W., Biernacki, R.M., Chen, S.H. Parameterization of arbitrary geometrical structures for automated electromagnetic optimization 93710
Bandler, J.W., Biernacki, R.M., Chen, S.H. Optimization technology for microwave circuit modelling and design 93766
Bandlnelli, M. *see* Manara, G. 116929
Bando, A. *see* Kita, E. 81350
Bando, H. *see* Wirner, C. 105860
Bandopadhyay, S., Varkey, J.K. EMI susceptibility characteristics of electromedical equipment in a typical hospital electromagnetic environment with particular reference to electrocardiography 80390
Banduryan, B.B., Gordienko, E.Yu., Dmitrenko, I.M., Efremenko, V.G., Kuchmii, I.A. Thermovision module based on HTSC bolometer 79519
Bandy, D. *see* Chen, K. 101182
Bandy, D.K. *see* Oraevsky, A.N. 65525
Bandy, D.K. *see* Oraevsky, A.N. 96611
Bandy, D.K. *see* Protsenko, I.E. 65339
Bandy, W.R., Winton, R.S. A new approach for modeling the MOSFET using a simple, continuous analytical expression for drain conductance which includes velocity-saturation in a fundamental way 74714
Bandyopadhyay, A., Basu, P.K. Low-voltage vertical directional coupler switch with suppressed electroabsorption 64773
Bandyopadhyay, A., Rai, J. Transfer of nonclassical properties in dual channel optical coupler 116069
Bandyopadhyay, A. *see* Verma, P.R. 106213
Bandyopadhyay, A.K. *see* Ojha, V.N. 105738
Bandyopadhyay, B. *see* Buller, J.F. 93386
Bandyopadhyay, D., Kumar Basu, S. Performance of a prototype CsI(Tl)-PIN detector 69772
Bandyopadhyay, D. *see* Bhattacharya, S. 119520
Bandyopadhyay, D.K. Refurbishing of archival audio materials using digital techniques 79197
Bandyopadhyay, K., Venugopal, D. Personal messaging through INSAT-MSS 99417
Bandyopadhyay, S., Roychowdhury, V. Computational paradigms in nanoelectronics: quantum coupled single electron logic and neuromorphic networks 84502
Bandyopadhyay, S., Sengupta, A., Bhattacharya, B.B. A methodology for testing arbitrary bilateral bit-level systolic arrays 93474
Bandyopadhyay, S. *see* Balandin, A. 116669
Bandyopadhyay, S. *see* Jaekel, A. 93339
Bandyopadhyay, S. *see* Panneerselvam, G. 104428
Bandyopadhyay, S. *see* Roychowdhury, V.P. 104772
Bandyopadhyay, S.K. *see* Ghosh, A.K. 106661
Bane, K., Bowers, J., Chao, A., Chen, T., Decker, F.J., Holtzapple, R.L., Krejcik, P., Limberg, T., Lisin, A., McKee, B., Minty, M.G., Ng, C.-K., Pietryka, M., Podobedov, B., Rackelmann, A., Rago, C., Raubenheimer, T., Ross, M.C., Siemann, R.H., Simopoulos, C., Spence, W., Spencer, J., Stege, R., Tian, F., Turner, J., Weinberg, J., Whittum, D., Wright, D., Zimmermann, F. High-intensity single bunch instability behavior in the new SLC damping ring vacuum chamber 89979
Bane, K. *see* Ko, K. 89759
Bane, K. *see* Tatchyn, R. 96526
Bane, K.L.F., Adolphsen, C., Decker, F.-J., Emma, P., Krejcik, P., Zimmermann, F. Measurement of the effect of collimator generated wakefields on the beams in the SLC 89868
Bane, K.L.F., Oide, K. Simulations of the the longitudinal instability in the new SLC damping rings 89978
Bane, K.L.F. *see* Adolphsen, C. 89854
Bane, K.L.F. *see* Kubot, K. 89980
Bane, K.L.F. *see* Raubenheimer, T. 89853
Bane, K.L.F. *see* Shintake, T. 89604
Banerjea, A. Simulation study of the capacity effects of dispersity routing for fault-tolerant real-time channels 118413
Banerjee, A. *see* Barnes, F.S. 70858
Banerjee, A. *see* Guha, S. 112342
Banerjee, B. *see* Bhattacharya, S. 70690
Banerjee, D., Mukherjee, B. Upgrading a nation-wide, fiber-based, electronic packet-switched network 68430
Banerjee, D., Mukherjee, B. A practical approach for routing and wavelength assignment in large wavelength-routed optical networks 78730
Banerjee, D. *see* Das, D. 74114
Banerjee, D. *see* Mukherjee, B. 118483
Banerjee, I. *see* Zhang, S. 60689
Banerjee, J.P. A simple computer analysis of InP and GaAs avalanche photodetectors using different ionization rate data 100017
Banerjee, K., Amerasekera, A., Chenming Hu Characterization of VLSI circuit interconnect heating and failure under ESD conditions 94852
Banerjee, K. *see* Le, H.A. 74620
Banerjee, M., Pal, S.K. Roughness of a fuzzy set 108419
Banerjee, P., Bose, A. Evaluation of GPS PDOP from elevation and azimuth of satellites 79043
Banerjee, P., Shah, S.I. Simultaneous estimation of parameters for different orders of discrete orthonormal function models 97785
Banerjee, P. *see* Chandy, J.A. 95151
Banerjee, P. *see* De, K. 61727
Banerjee, P. *see* Hasteer, G. 93086
Banerjee, P. *see* MacPherson, K. 104279
Banerjee, P.P., Dongqing Cao, Gibbs, P.M., Ting-Chung Poon Image propagation through acoustooptic devices 85156
Banerjee, P.P. *see* Honda, T. 76183
Banerjee, P.P. *see* Jiangang Xia 86344
Banerjee, R. *see* Das, D. 74114
Banerjee, R. *see* Parikh, J.K. 112621
Banerjee, S. Multimedia traffic analysis and control in a high-speed medical communications environment 67927
Banerjee, S., Chakradhar, S.T., Roy, R.K. Synchronous test generation model for asynchronous circuits 93328
Banerjee, S., Chrysanthis, P.K. A new token passing distributed mutual exclusion algorithm 87428
Banerjee, S., Mukherjee, D.P., Majumdar, D.D., Kohli, S.S., Mishra, V.K. Fuzzy c-means approach to tissue classification in multimodal medical imaging 69938
Banerjee, S., Sen, P.K. Optical nutation in GaAs/Ga$_x$Al$_{1-x}$As quantum well structures 96609
Banerjee, S. *see* Chakrabarty, K. 71487
Banerjee, S. *see* Chakradhar, S.T. 61863
Banerjee, S. *see* Chien Chen 78861
Banerjee, S. *see* Chien Chen 88516
Banerjee, S. *see* Dhar, A.S. 120379
Banerjee, S. *see* Manna, I. 61878
Banerjee, S. *see* Pacheco, K.A. 92739
Banerjee, S. *see* Paul, S. 103998
Banerjee, S. *see* Sharma, R. 82588
Banerjee, S. *see* Sudhir, G. 97941
Banerjee, S. *see* Sultan, A. 114699
Banerjee, S. *see* Wei-Ping Wang 87395
Banerjee, S. *see* Wu, C.-Y. 63746
Banerjee, S.K. *see* John, S. 114569
Banerjee, S.K. *see* Samara, D. 61425
Banerjee, S.K. *see* Tasch, A.F. 94699
Banerji, A. *see* Barchett, L.D. 118079
Banerji, D.K. *see* Basu, A. 93275
Banerji, D.K. *see* Shu, J. 93495
Banerji, K. *see* Bradley, E. 60610
Banerjia, S., Glaser, A., Harvatis, C., Lipa, S., Pomerleau, R., Schaffer, T., Stanaski, A., Tekmen, Y., Bilbro, G., Franzon, P. Issues in partitioning integrated circuits for MCM-D/flip-chip technology 60656
Baney, D. Optical power and wavelength for single-source simulation of EDFA WDM gain: theoretical basis 65066
Baney, D.M., Rankin, G., Chang, K.-W. Blue Pr^{3+}-doped ZBLAN fiber upconversion laser 107162
Baney, D.M., Rankin, G., Kok Wai Chang Simultaneous blue and green upconversion lasing in a laser-diode-pumped Pr^{3+}/Nb^{3+} doped fluoride fiber laser 107156
Banfai, G. *see* Prikler, L. 111622
Banfi, G.P., Degiorgio, V., Fortusini, D., Bellini, M. Measurement of the two-photon absorption coefficient of semiconductor nanocrystals by using tunable femtosecond pulses 119909
Banfi, G.P., Degiorgio, V., Fortusini, D., Tan, H.M. Below band-gap nonlinear optical properties of semiconductor-doped glasses 85675
Banfi, G.P. *see* Palchetti, L. 119259
Banfi, G.P. *see* Tan Huiming 96606
Banford, H.M., Fouracre, R.A., Faucitano, A., Buttafava, A., Martinotti, F. The influence of chemical structure on the dielectric behavior of polypropylene 115435
Bang, O., Miller, P.D. Multi-port switching in waveguide arrays 76138
Bang, O., Miller, P.D. Exploiting discreteness for switching in waveguide arrays 96652
Bang, S.H., Sheu, B.J. A neural network for detection of signals in communication 97808
Bang Chong Il *see* Chong Il Bang
Bang Jun Ho *see* Jun Ho Bang
Bang Lee Kee *see* Kee Bang Lee
Bang Seung Chan *see* Seung Chan Bang
Bang-Sup Song, Soo, D. NRZ timing recovery technique for band limited channels 76681
Bangding Tan *see* Tan Bangding
Bangert, A., Rosenzweig, J., Bosch, R., Bronner, W., Kohler, K., Raynor, B. Voltage dependence of the optical response of a pseudomorphic HFET-photodetector 69189
Bangert, A., Schlechtweg, M., Lang, M., Haydl, W., Bronner, W., Fink, T., Kohler, K., Raynor, B. W-band MMIC VCO with a large tuning range using a pseudomorphic HFET 83495
Bangert, A. *see* Schlechtweg, M. 114321
Bangert, U., Harvey, A.J., Dieker, C., Hardtdegen, H. Suppression of wavy growth in metalorganic vapor phase epitaxy grown GaInAs/InP superlattices 113289
Bangerter, R.O. *see* Tauschwitz, A. 96956
Bangham, J.A., Chardaire, P., Pye, C.J., Ling, P.D. Multiscale nonlinear decomposition: the sieve decomposition theorem 67368
Bangham, J.A., Harvey, R., Ling, P.D., Aldridge, R.V. Nonlinear scale-space from n-dimensional sieves 67237
Bangham, J.A., Ling, P., Young, R. Multiscale recursive medians, scale-space, and transforms with applications to image processing 77269
Bangham, J.A., Ling, P.D., Harvey, R. Scale-space from nonlinear filters 67367
Bangham, J.A., Woodhams, F.W.D. Nonlinear filters to improve width estimates from linescan cameras 77358
Bangji Gong *see* Koga, T. 91805
Bangqi, M., Juan, L., HuiBin, S. Design method of ASIC and tools CAD 63850
Bangwei Cai *see* Cai Bangwei
Bangyi Li *see* Li Bangyi
Bangyuan Cheng *see* Cheng Bangyuan
Banhardt, U. *see* Keller, R. 93741
Banhart, F. *see* Khan, H.R. 92861
Banhart, F. *see* Kohler, R. 113349
Banhart, F. *see* Raidt, H. 113379
Banhart, F. *see* Silier, I. 113403
Bani-Eqbal, B. Combining tree and feature classification in fractal encoding of images 86746
Banichuk, N.V., Barthold, F.-J., Falk, A., Stein, E. Finite element analysis with mesh refinement for shape optimization 92148
Baniecki, J. *see* Hong, S.H. 106645
Banik, J., Wong, K.L., Geannopoulos, G.L., Yip, C.Y.J. A high performance 0.35-μm 3.3-V BiCMOS technology optimized for product porting from a 0.6-μm 3.3-V BiCMOS technology 113819
Banik, R. *see* Srivastava, S.K. 120726
Banin, U. *see* Guzelian, A.A. 105151
Banin, U. *see* Mews, A. 72797
Banish, B.J., Derian, D.J. DSP improves mixed-signal video testing 83252
Banish, M. *see* Clark, N. 120336
Banish, M.R., Clark, R.L., Datz, F.L., Christian, P.E. Automated interpretation of nuclear medicine scans for the diagnosis of pulmonary embolism 80261
Banister, A.J. *see* Fiddes, A.J.C. 74280
Banker, J. *see* Garrison, A. 90698
Banker, J. *see* Stopper, H. 83663
Bankier, A.A., Fleischmann, D., Mallek, R., Windisch, A., Winkelbauer, F.W., Kontrus, M., Havelec, L., Herold, C.J., Hubsch, P. Bronchial wall thickness: appropriate window settings for thin-section CT and radiologic-anatomic correlation 101234
Banks, D.J. *see* Ensell, G. 79298
Banks, D.R., Carpenter, B.J., DeMarco, W.T., Govindasamy, M., Mace, E.W., Mawer, A.J. A reliability evaluation of molded and glob-top plastic ball grid array 92243
Banks, F.E. The future of nuclear energy in Sweden: an introductory economic analysis 121288
Banks, H.T., Demitriou, M.A., Smith, R.C. An H^∞/MinMax periodic control in a two-dimensional structural acoustic model with piezoceramic actuators 89581
Banks, R.A. *see* Hayward, G. 111379
Banks, S. *see* Philippe, R. 102391

Banks, S.A., Hodge, W.A. Accurate measurement of three-dimensional knee replacement kinematics using single-plane fluoroscopy 70048
Bankuti, J., Vajda, I., Mohacsi, L., Szalay, A., Kotsis, I., Enisz, M. Design and construction of a small-scale model of a high-temperature superconducting magnetically levitated vehicle 103098
Banmongkol, C., Mori, T., Mizutani, T., Ishioka, M., Ishino, I. Influence of molecular structure on high-field phenomena in LDPE films 64144
Bannai, R. *see* Al-Dallal, S. 92900
Bannai, T. *see* Mikami, S. 119439
Bannalyne, R. Motorola's 68HC12 an evolution from 8-bit to 16-bit 113962
Bannatyne, R. M68HC12: the revolutionary microcontroller–upgrade from 8-bit to 16-bit 114002
Bannikov, V.S. Bioelectronic information-computing mediums 104964
Banning, R. On the spectral analysis of Poisson sampled velocity measurements in turbulent flows 110069
Bannister, J. *see* Bambos, N. 98637
Bannister, J. *see* Kleinrock, L. 78920
Bannister, R. *see* Pidduck, A.J. 95839
Bannister, R.L. *see* Scalzo, A.J. 91359
Banno, H. *see* Miura, K. 94141
Banno, N. *see* Amemiya, N. 95398
Bannon, P. *see* Gronowski, P.E. 73468
Bannov, N.A. *see* Mitin, V.V. 63087
Bannov, N.A. *see* Mitin, V.V. 83944
Bannov, V.S. *see* Lazarev, V.V. 106315
Bano, E., Ouisse, T., Lassagne, P., Billon, T., Jaussaud, C. Electrical properties of the SiC/SiO_2 system 105512
Bano, E., Ouisse, T., Lassagne, P., Billon, T., Jaussaud, C. High temperature dependence of Fowler-Nordheim emission tunneling current in (6H) and (4H) SiC MOS capacitors 105513
Banos, J. *see* Ruiz, F. 119069
Banqueri, J., Lopez-Villanueva, J., Gamiz, F., Palma, A., Carceller, J.E. Semi-empirical model of electron mobility in MOSFETS in strong inversion regime 95015
Banqueri, J., Lopez-Villanueva, J.A., Gamiz, F., Carceller, J.E., Lora-Tamayo, E., Lozano, M. A procedure for the determination of the effective mobility in an N-MOSFET in the moderate inversion region 74746
Bansal, A. *see* El-Sharkawy, M. 101092
Bansal, R. *see* Nusseibeh, F. 117027
Bansal, V., Siracusa, R.J., Hearn, J.P., Ramamurthy, G., Raychaudhuri, D. Adaptive QoS-based API for ATM networking 118597
Bansal, V. *see* Ott, M. 78176
Bansch, K., Hein, A., Malhotra, M., Trivedi, K. Comment/correction: dependability modeling using Petri nets 82340
Bansilal, Thukaram, D., Parthasarathy, K. An expert system for voltage control in a power system network 80825
Bansky, J., Brockhaus, A., Engemann, J., Yuan, Y., Livovsky, L., Slosarcik, S. Integrated 3D-LTCC sensors for "in-situ" plasma diagnostics 89034
Bantyukov, E.N. Time-interval counter with automated range selection 83006
Banu, V. *see* Iliescu, E. 94948
Banyai, L., Reitsamer, E., Tran Thoai, D.B., Haug, H. Quantum kinetics of femtosecond four-wave mixing in semiconductors 76267
Banyasz, C. *(editor)* Adaptive Systems in Control and Signal Processing 1995. A Postprint Volume from the 5th IFAC Symposium 103238
Banyopadhyay, B. *see* Tiwari, A.P. 102399
Banzanella, A.S., Fischman, A., e Silva, A.S., Dion, J.M., Dugard, L. Coordinated robust controllers in power systems 101965
Banzhaf, W. *see* Gallia, J.D. 61735
Banziger, U. *see* Heinrich, F. 79610
Banziger, U. *see* Heinrich, F. 89278
Bao, C., Perez, M.V., Gomez-Reino, C. Coupling of planar waveguides with hyperbolic secant refractive-index profiles by butt joining: beam-size controller design 95732
Bao, C., Perez, M.V., Gomez-Reino, C. Light collimator and deflector design by a planar optical waveguide with hyperbolic secant refractive index profile 116164
Bao, C. *see* Srivastava, R. 79296
Bao, F. *see* Hamada, Y. 67737
Bao, F. *see* Hamada, Y. 78105
Bao, G. Performance evaluation of TCP/RLP protocol stack over CDMA wireless link 118919
Bao, J. *see* Ge, Y. 101185
Bao, K.X. *see* Gokhale, M.R. 103855
Bao, N.-K. *see* Qin, Y.-W. 61500
Bao, N.K. *see* Guanchang Jin 61495
Bao, N.K. *see* Guanchang Jin 75426
Bao, X.J., Natarajan, M., Henderson, J. A working device model of mercuric iodide X-ray detectors for XRF applications 101014
Bao, X.Q. *see* Varadan, V.K. 106285
Bao, X.Q. *see* Varadan, V.V. 108371
Bao, Y., Petroianu, A. A new concept for the control of oscillations in power system 101831
Bao, Z. *see* Carlson, J.J. 117639
Bao, Z. *see* Heston, M.L. 88510
Bao, Z. *see* Huang, S.H. 75624
Bao, Z. *see* Huang, S.H. 99573
Bao, Z. *see* Huang, S.H. 119236
Bao, Z. *see* Liao, G. 68654
Bao, Z. *see* Rashid, H. 68416
Bao, Z. *see* Smith, D.A. 78885
Bao, Z.M. *see* Wang, X.H. 84040
Bao Ermin *see* Takau, K. 91507
Bao Fengqi, Niu Mengnian, Zhao Xianwu A theoretical study on the gas sensitive characteristics of semiconductive ceramic sensors 110252
Bao Gang *see* Gang Bao
Bao Hongzhen *see* Zheng Weijian 96001
Bao Jay *see* Jay Bao
Bao Jia-Shan *see* Jia-Shan Bao
Bao Jiashan *see* Wang Youfa 75517
Bao Liu *see* Hu Saigui 109331
Bao Mingquan *see* Mingquan Bao
Bao Minhang, Shen Shaoqun, Hu Chengyu, Ma Qinghua, Burrer, C., Esteve, J., Bausells, J., Marco, S. Etching front control of ⟨110⟩ strip compensation pattern for KOH anisotropic etching of silicon 84181
Bao Ping Wang, Linsu Tong A study of the optimum field emitter shape for vacuum electronics applications 73965
Bao Ping Wang, Linsu Tong Electrostatic analysis of field emission triode with volcano-type gate 74026
Bao Xi-Mao *see* Xi-Mao Bao
Bao Xiao-Qi *see* Xiao-Qi Bao
Bao Ximao *see* Liao Liangsheng 83791
Bao Yonggang, Yang Humin Wave form display problem of wave file 97804
Bao Yufei *see* Yufei Bao
Bao Zheng, Ye Wei Improvement of autofocus techniques for ISAR motion compensation 68621
Bao Zheng *see* Mao Yongcai 86163
Bao Zheng *see* Shi Zhuoer 86165
Bao Zheng *see* Zheng Bao
Bao Zhongming *see* Wu Zhongxi 80769
Bao Zhongxing, Cheng Kaijia, Cheng Shuyu, Liu Cuixia, Chen Hong, Dong Cheng, Zhao Changsen, Wang Yumin, Li Yimin Equations of state, electrical resistance transport properties and phase transitions in several kinds of semiconductors at high pressure 105209
Bao Zhuojun *see* Zhuojun Bao
Bao Zhuoyu *see* Zhuoyu Bao
Bao-An Guo *see* Guo Bao-An
Bao-An Ma *see* Qing-Yu Fan 90563
Bao-Gen Shen *see* Bo-Ping Hu 75087
Bao-Gen Shen *see* Jun-Xian Zhang 64320
Bao-Gen Shen *see* Zhao-Hua Cheng 75086
Bao-Hung, T.M. *see* Garcia, S.G. 68569
Bao-Shuh Lin *see* Jiann-Liang Chen 77889
Bao-Xin Gao *see* Chang-Li Chen 93826
Bao-Xin Gao *see* Chang-Li Chen 114281
Bao-Yuan Man *see* Man Bao-Yuan
Bao-Zhen Ge *see* Yi-Mo Zhang 117819
Bao-Zong Yuan *see* Zhong-Ying Zhang 87029
Baocheng Zhang *see* Zhang Baocheng
Baoding Liu *see* Esogbue, A.O. 92501
Baodong Zheng *see* Zheng Baodong
Baofa Wang *see* Wang Baofa
Baofa Zhu *see* Shenjun Zhang 84211
Baofen Zhang *see* Zhang Baofen
Baogen Shen *see* Shen Baogen
Baogen Sun *see* Sun Baogen
Baoguang Dong *see* Dong Baoguang
Baoguo Zhang *see* Zhang Baoguo
Baohua Ma *see* Haiming Deng 87144
Baohua Ma *see* Ma Baohua
Baohua Wei *see* Wei Baohua
Baolin Liu *see* Liu Baolin
Baomin Sun *see* Sun Baomin
Baomin Tang *see* Tang Baomin
Baomin Xu, Qiming Zhang, Kugel, V.D., Cross, L.E. Piezoelectric air transducer for active noise control 119633
Baoping Guo *see* Guo Baoping
BaoPing He *see* Desu, S.B. 104146
Baoping Wang, Linsu Tong, Sin, J.K.O., Poon, V.M.C. Electrostatic analysis of field emission triode with volcano-type gate 83733
Baoping Wang *see* Wang Baoping
Baoping Zhang, Yasuda, T., Yasui, T., Segawa, Y. Molecular beam epitaxy of ZnSe films and ZnCdSe/ZnSe quantum wells on cleavage-induced (110) surfaces 61163
Baoping Zhang *see* Zhang Baoping
Baoqin Chen *see* Chen Baoqin
Baoqing Zhou *see* Zhou Baoqing
Baoquan Sun, Desheng Jiang, Zhenxing Liu, Yaohui Zhang, Wei Liu Evidence of Γ-X sequential resonant tunneling in GaAs/AlAs superlattices 83958
Baoquan Xu, Da Wan Using MODEL HDL in Laser Gate Array 83099
Baoren Liu *see* Yang Tao 82320
Baosen Liu *see* Liu Baosen
Baosheng Wu *see* Wu Baosheng
Baosheng Yu *see* Yu Baosheng
Baoshun Cui *see* Cui Baoshun
Baotai Yang *see* Yang Baotai
Baotian Zhu *see* Zhu Baotian
Baotong Cui *see* Cui Baotong
Baowen Wei *see* Wei Baowen
Baoxin Gao *see* Tiejun Yu 95622
Baoxin Gao *see* Gao Baoxin
Baoxing Li *see* Li Baoxing
Baoyin Sun *see* Xunchun Li 94855
Baoying Zhao *see* Zhao Baoying
Baoyu Zheng, Wei Qian, Clarke, L.P. Digital mammography: mixed feature neural network with spectral entropy decision for detection of microcalcifications 120291
Baozhen Ge *see* Ge Baozhen
Baozhu Luo *see* Elman, U. 106770
Baozong Yuan *see* Wei Wen 87259
Baozong Yuan *see* Yao Zhao 86815
Baozong Yuan *see* Yuan Baozong
Bapat, V.P. *see* Sundar, R.M. 110871
Baptist, R., Bieth, C., Py, C. A Bayard-Alpert vacuum gauge with microtips 74053
Baptist, R., Bieth, C., Py, C. Bayard-Alpert vacuum gauge with microtips 89558
Baptista, A.M. *see* Jones, R.A. 69997
Baptista, J.M., Cavaleiro, P.M., Santos, J.L. Self-referencing intensity based Q-type fibre optic sensor 69218
Baptista, J.P.V. *see* van de Kamp, M.M.J.L. 76416
Baptista, J.P.V.Poires *see* Poires Baptista, J.P.V.
Baptista, P. *see* Fontan, F.P. 68160
Baptiste, K. *see* Lo, C.C. 89686
Baqai, F.A., Yingbo Hua, Hua Yang Matrix pencil methods for 2-D frequency estimation 86215
Baqai, S., Farrukh Khan, M., Miae Woo, Shinkai, S., Khokhar, A.A., Ghafoor, A. Quality-based evaluation of multimedia synchronization protocols for distributed multimedia information systems 109212
Baquero, M. *see* Boria, V.E. 66053
Bar, E., Lorenz, J., Ryssel, H. Three-dimensional simulation of low-pressure chemical vapour deposition 93064
Bar, E. *see* Lorenz, J. 74817
Bar Tow, D. *see* Peled, E. 112294
Bar-Ad, S., Kner, P., Marquezini, M.V., Chemla, D.S., El Sayed, K. Carrier dynamics in the quantum kinetic regime 114647
Bar-Chaim, N. *see* Chen, T.R. 65215
Bar-Chaim, N. *see* Chen, T.R. 65260
Bar-Chaim, N. *see* Kwong, N. 109605
Bar-Cohen, A., Witzman, S. Thermally induced failures in electronic equipment–field reliability modeling 60723
Bar-Cohen, A. *see* Gektin, V. 112934
Bar-Ness, Y. Recent results on adaptive multiuser signal separation in CDMA; important steps in meeting the needs of third-generation wireless comm. systems 98422
Bar-Ness, Y. Novel structure for asynchronous multi-user CDMA detector 118026
Bar-Ness, Y., Punt, J.B. An improved multi-user CDMA decorrelating detector 87386
Bar-Ness, Y., Punt, J.B. Adaptive "bootstrap" CDMA multi-user detector 108380
Bar-Ness, Y., Sezgin, N. Maximum signal-to-noise ratio data combining for one-shot asynchronous multiuser CDMA detector 88324
Bar-Ness, Y. *see* Haimovich, A. 77015
Bar-Ness, Y. *see* Kamel, R.E. 108748
Bar-Ness, Y. *see* Moelker, D.-J. 79033
Bar-Noy, A., Ching-Tien Ho Broadcasting multiple messages in the multiport model 77617
Bar-On, I. Interlacing properties of tridiagonal symmetric matrices with applications to parallel computing 103739
Bar-On, I., Codenotti, B., Leoncini, M. Checking robust nonsingularity of tridiagonal matrices in linear time 61011
Bar-Sever, Y.E., Bertiger, W.I., Davis, E.S., Anselmi, J.A. Fixing the GPS bad attitude: Modeling GPS satellite yaw during eclipse seasons 119334
Bar-Shalom, Y. *see* Gelfand, S.B. 66611
Bar-Shalom, Y. *see* Kirubarajan, T. 111069
Bar-Shalom, Y. *see* Rago, C. 66614
Bar-Shalom, Y. *see* Rong Li, X. 86024
Bar-Tal Meir *see* Meir Bar-Tal
Bara, J. *see* Martin-Neira, M. 111184
Bara, J. *see* Martin-Neira, M. 111288
Bara, J. *see* Torres, F. 90756
Bara, S., Rios, S., Acosta, E. Integral evaluation of the modal phase coefficients in curvature sensing: Albrecht's cubatures 100308
Barabanenkov, M.Yu. A phenomenological theory of ion-beam synthesis of ternary compound in silicon 114874
Barabanenkov, Yu.N. *see* Bruce, N.C. 100057
Barabanov, A.V., Tretiak, O.V., L'vov, V.A. Complete theoretical analysis of the Kaplan-Solomon-Mott mechanism of spin-dependent recombination in semiconductors 105090
Barabanov, I.R., Belli, P., Bernabei, R., Besida, O., Cherehovsky, V.I., Dai, C.J., Danshin, C.V., Ding, L.K., Di Nicolantonio, W., Gerbier, G., Giraud-Heraud, Y., Gurentzov, V.I., Ianovich, E.A., Incicchitti, A., Janz, V.E., Kornoukhov, V.N., Kuang, H.H., Landoni, V., Ma, J.M., Mallet, J., Montecchia, F., Mosca, L., Orekhov, I.V., Prosperi, D., Tao, C. On the possibility to measure neutrino magnetic moment down to 10^{-11} μ_B 110568
Barabaschi, P. *see* Mondino, P.-L. .64567
Barabash, L.I. *see* Litovchenko, P.G. 120559
Barabino, M., Frumento, P., Goncalves, A. Advanced techniques for fault detection: experiences and results in a power plant 70967
Barabino, M. *see* Bruzzo, S. 121275
Barac, I. *see* Holler, F. 102489

Baracco, J.-M., Roederer, A. A dual polarization microstrip subarray for the next generation of advanced synthetic aperture radars 68646
Barad, Y. *see* Horowitz, M. 95627
Baraff, G.A. *see* Hybertsen, M.S. 96350
Barahona, F. Network design using cut inequalities 108917
Barak, J., Levinson, J., Akkerman, A., Hass, M., Victoria, M., Zentner, A., David, D., Even, O., Lifshitz, Y. A new approach to the analysis of SEU and SEL data to obtain the sensitive volume thickness 73388
Barak, J., Levinson, J., Akkerman, A., Hass, M., Victoria, M., Zentner, A., David, D., Even, O., Lifshitz, Y. A new approach to the analysis of SEU and SEL data to obtain the sensitive volume thickness [ICs] 104553
Barak, J., Levinson, J., Akkerman, A., Lifshitz, Y., Victoria, M. A simple model for calculating proton induced SEU 74669
Barak, J., Levinson, J., Akkerman, A., Lifshitz, Y., Victoria, M. A simple model for calculating proton induced SEU 105849
Barakat, E.H., Al-Rashed, S.A. Analysis of the impact of dynamic events on future power requirements 121063
Barakova, E.I., Spaanenburg, L. Selective sampling for reliable neural signal approximation 108355
Baral, B., Chan, S.S.M., Jackman, R.B. Cleaning thin-film diamond surfaces for device fabrication: an Auger electron spectroscopic study 105604
Baral, B. *see* Jackman, R.B. 72930
Baral, S.K. *see* Mukherjee, A. 116100
Baraldi, A., Parmiggiani, F. Combined detection of intensity and chromatic contours in color images 77503
Baraldi, A., Parmiggiani, F. Segmentation of SAR images by means of Gabor filters working at different spatial resolution 111140
Barale, P. *see* Beuville, E. 90203
Barale, P. *see* Beuville, E. 100968
Barale, P. *see* Klein, S.R. 90223
Barale, P. *see* Klein, S.R. 100976
Baram, J. *see* Mollah, S. 95434
Baram, Y. A bird's eye view on the descent trajectory 87190
Baram, Y. Classification by balanced binary representation 117671
Baran, B., Kaszkurewicz, E., Bhaya, A. Parallel asynchronous team algorithms: convergence and performance analysis 101791
Baran, G.A. *see* Fox, L.A. 80245
Baran, I. *see* Popa, R. 111668
Baran, J.E. *see* Jackel, J.L. 78891
Baran, J.E. *see* Smith, D.A. 78885
Baran, J.E. *see* Smith, D.A. 109652
Baran, M.E. *see* Rhode, J.P. 81186
Baran, N.P. *see* Babich, V.M. 74090
Baranauskas, V. *see* Snitka, V. 110464
Barancok, D., Cirak, J., Tomcik, P., Cerven, I., Foltin, O. Polymerizable insulating diacetylene molecular layers with improved thermal stability 115438
Barandiaran, J. *see* Lasheras, F. 101874
Baranga, A.Ben-Amar *see* Ben-Amar Baranga, A.
Baranger, H.U. *see* Matveev, K.A. 105411
Baraniecki, R., Rosinski, A.T. A testability improvement method for VHDL based synthesis 61553
Baraniuk, R.G., Flandrin, P., Michel, O. Measuring time-frequency information and complexity using the Renyi entropies 66223
Baraniuk, R.G. *see* Nowak, R.D. 77445
Barannik, A.V., Zhuikov, V.A., Zyryanov, V.Ya., Smorgon, S.L., Shabanov, V.F. Gray scale for thermal contact recording of information in polymer-encapsulated cholesteric liquid crystals 75417
Baranov, A. *see* Perotin, M. 114889
Baranov, A. *see* Popov, A. 65184
Baranov, A.N., Cuminal, Y., Boissier, G., Nicolas, J.C., Lazzari, J.L., Alibert, C., Joullie, A. Electroluminescence of GaInSb/GaSb strained single quantum well structures grown by molecular beam epitaxy 106993
Baranov, A.V. *see* Inoue, K. 94466
Baranov, G.L., Baranov, V.L., Komarenko, E.Yu. Methods and facilities for measuring parameters of exponential processes 79206
Baranov, G.L. *see* Baranov, V.L. 113096
Baranov, N.V., Eller, V.A., Mashendzhinov, V.I., Revich, V.E. Discharge chemical laser with lasant recirculating 116363
Baranov, P.G. *see* Wetzel, C. 62704
Baranov, S.V. *see* Gorelik, S.Y. 85763
Baranov, V.A., Filchenkov, V.V., Konin, A.D., Zhuk, V.V. A study of the characteristics of scintillation detectors with a diffuse reflector 90169
Baranov, V.A. *see* Alekseyev, A.A. 66774
Baranov, V.I., Biryukov, V.M., Chesnokov, Yu.A., Kotov, V.I., Tarakanov, M.V., Tsarik, S.V. Observation of the influence of the crystal surface defects on the characteristics of the high energy particle beam deflected with a bent monocrystal 100730
Baranov, V.L., Uruskii, O.S., Baranov, G.L., Komarenko, E.Y. Game algorithm simulation for terminal control of dynamic objects 113096
Baranov, V.L. *see* Baranov, G.L. 79206
Baranov, V.Y. *see* Semenov, S.Y. 101294
Baranov, V.Yu. Recent advances in high-power lasers in the Kurchatov Institute 103424
Baranov, V.Yu., Baronov, G.S., Dyad'kin, A.P., Kazakov, S.A., Kolesnikov, Yu.A., Kotov, A.A., Pigul'skii, S.V., Razumov, A.S., Starodubtsev, A.I. Optically pumped pulse-periodic CF_4 laser 116347
Baranova, L.A. *see* Naidenov, V.O. 79928
Baranovskii, S.D., Faber, T., Hensel, F., Thomas, P., Adriaenssens, G.J. Einstein's relationship for hopping electrons 94385
Baranowski, B. *see* Szczepaniak, Cz. 110315
Baranowski, S. *see* Hettstedt, H.-D. 99318
Baranowski, S. *see* Vandamme, J. 85874
Baranowski, S. *see* Vandamme, J. 116888
Baranyi, A. *see* Jaro, G. 104354
Barariu, F. *see* Chiriac, H. 115583
Baras, A. *see* Riviere, J.-M. 88921
Baras, J.S. *see* Sidiropoulos, N.D. 67086
Barash, S. *see* Milano, A. 83195
Barashkov, N.N. *see* Joswick, M.D. 107004
Barat, P. *see* Ghosh, A.K. 106661
Barata, M.M., Rauber, T.W., Jardim Goncalves, R.R., Garcao, A.S. CNC machining supervision incorporating machine learning paradigms 110016
Baratella, P., Moroni, P. Asymptotic error bounds of product formulas for functions with interior singularity 103720
Baratella, P., Scarpellini, P., Marconato, R., Cova, B., Gaglioti, E., Zachco, R. A power system simulator covering different time scale phenomena: models, algorithms, MMI and test results 101712
Baraton, P. *see* Xemard, A. 111645
Baratov, V. *see* Abramova, L. 88898
Baratta, D. *see* Valle, M. 103493
Barauskaite, L. *see* Baubinas, R. 72750
Barba, A., Melus, J.L. Traffic evaluation in the decision phase of a handover 68228
Barba, A., Melus, J.L. Key management in the handover. Application to third generation mobile systems 88335
Barba, D. *see* Benois-Pineau, J. 86926
Barba, D. *see* Deforges, O. 86603
Barba, D. *see* Normand, N. 86523
Barba, D. *see* Saad, A. 68609
Barba, D. *see* Saad, A. 78962
Barba, D. *see* Wu, L. 98307
Barba, D.Di *see* Di Barba, D.
Barba, J. *see* Wu, H.-S. 77072
Barba, P.Di *see* Di Barba, P.
Barbagallo, M.H. *see* Smola, J.F. 90720
Barbagallo, S., Lobetti Bodoni, M., Medina, D., Corno, F., Prinetto, P., Sonza Reorda, M. Scan insertion criteria for low design impact 104467
Barbalat, O. Commercially available accelerators 69591
Barbaliscia, F., Boumis, M., Martellucci, A., Mazzenga, F., Poires Baptista, J.P.V. Development of a propagation model for the design of low availability satellite communication systems 65839
Barbaliscia, F., Fionda, E., Masullo, P.G. Comparison between radiometrically measured and predicted attenuation at 23.8 and 31.4 GHz in temperate climate 99453
Barbanera, S. *see* Boffa, V. 72793
Barbara, A.K. *see* Sharma, S. 107886
Barbara, D. *see* Kamel, I. 108603
Barbaresco, F., Monnier, B. Intelligent radar (cognitive and systemic approach): Experiments and prospects 68670
Barbarino, G.C., Campana, D., Guarino, F., Lauro, A., Osteria, G., Angelillo, E., Bernardini, P., Mancarella, G., Surdo, A., De Vincenzi, M., Lamanna, E., Margiotta, A., Rubizzo, U., Spurio, M. NOE: atmospheric and long baseline neutrino oscillation experiment 80097
Barbaro, V., Bartolini, P., Donato, A., Militello, C., Polichetti, A., Vecchia, P. Proximity systems: analysis of health risks 70261
Barbarossa, S., Marsili, L., Mungari, G. SAR super-resolution imaging by signal subspace projection techniques 68563
Barbarossa, S., Mascolo, G.R. Autofocusing techniques for imaging moving targets by SAR based on multilinear time-frequency representations 68585
Barbarossa, S. *see* Farina, A. 68579
Barbarossa, V. *see* Polini, R. 61432
Barbashev, E.V. *see* Rubinraut, A.M. 120332
Barbastathis, G., Levene, M., Psaltis, D. Shift multiplexing with spherical reference waves 64630
Barbastathis, G., Pu, A., Psaltis, D. Shift multiplexed holographic 3D disk 96840
Barbastathis, G. *see* Drolet, J.-J.P. 84959
Barbato, G., Carneiro, K., Cuppini, D., Garnaes, J., Gori, G., Hughes, G., Jensen, C.P., Jorgensen, J.F., Jusko, O., Livi, S., McQuoid, H., Nielsen, L., Picotto, G.B., Wilkening, G. International intercomparison of scanning tunneling microscopy 68958
Barbault, A. *see* Lebet, J.P. 70212
Barbe, D.F. *see* Shu, L.H. 84490
Barbeau, M. *see* Makungu, M. 118268
Barbee, T.W. *see* Kowalski, M.P. 85730
Barber, D.B. *see* Mass, J.L. 113281
Barber, D.C. *see* Brown, B.H. 110862
Barber, D.C. *see* Metherall, P. 101366
Barber, D.C. *see* Shallof, A.M. 101357
Barber, D.C. *see* Shallof, A.M. 101375
Barber, D.G., Drobot, S.D., Iacozza, J. Physical and electrical characteristics of snow on sea ice: Implications for forward scattering model development 120856
Barber, D.G., Thomas, A. The influence of cloud cover on the microwave scattering coefficient (σ°) of first-year and multiyear sea ice 120819
Barber, D.P. The first attainment and the routine use of longitudinal spin polarization at a high energy electron storage ring 79952
Barber, G. *see* Ferguson, S.W. 111613
Barber, H.B., Augustine, F.L., Barrett, H.H., Dereniak, E.L., Eskin, J.D., Marks, D.G., Matherson, K.J., Venzon, J.E., Woolfenden, J.M., Young, E.T. High-resolution imaging using a 48×48 Ge array with multiplexer readout 101212
Barber, H.B. *see* Eskin, J.D. 100860
Barber, H.B. *see* Marks, D.G. 80353
Barber, H.B. *see* Marks, D.G. 101240
Barber, P.G., Fripp, A.L., Jr., Debnam, W.J., Jr., Woodell, G., Berry, R.F., Simchick, R.T. Experimental verification of agreement between thermal and real time visual melt-solid interface positions in vertical Bridgman grown germanium 61136
Barber, P.W.E. *see* Myers, E.G. 69704
Barber, T., Jr., Carvey, P., Chandrakasan, A. Designing for wireless LAN communications 98649
Barber, T.L., Derzon, M.S. Scintillator-based diagnostics for X-ray measurements of ion-driven hohlraums 69646
Barber, T.L. *see* Derzon, M.S. 69645
Barber, Z.H. *see* Goodchild, M.S. 106680
Barberis, D. *see* Antinori, F. 120156
Barberis, M. *see* Subramanian, R. 109538
Barberis, S., Bonzano, L., Gaiani, E., Tosalli, M. Capacity of a CDMA wireless communication system in picocellular environment 78419
Barberis, S. *see* Mandayam, N.B. 99178
Barbero, C.J., Deng, C., Sigmon, T.W., Russell, S.W., Alford, T.L. The fabrication of nickel and chromium silicide using an XeCl excimer laser 105448
Barbero, E., Ferrero, F., Serafini, D. From the idea to operation: Service perspective for ATM networks 98965
Barbero, M. *see* Ardito, M. 68868
Barbero, O., Catasus, X., Fernandez, J., Ruiz, R., Valls, R., Toledo, R., Paradells, J. Development and implantation of two teleradiology and teleconsulting applications in Catalunya: RAIM and CARE 111019
Barberousse, F. *see* Rouquette, P. 106090
Barbetta, F. Keeping LANs safe from attack 67831
Barbetta, F. Security ignorance remains bliss for most users 98622
Barbetta, F. Big nets and big deals: how high finance does high tech [financial community networking] 109123
Barbetta, F. Regulation: it ain't over 118194
Barbi, I. *see* Ayres, C.A. 71408
Barbi, I. *see* Ayres, C.A. 121757
Barbi, I. *see* Barbosa, P.M. 71461
Barbi, I. *see* Braga, H.A.C. 121706
Barbi, I. *see* Canesin, C.A. 71457
Barbi, I. *see* Ferrari de Souza, A. 121587
Barbi, I. *see* Mantovanelli, P. 71486
Barbi, I. *see* Martins, A.S. 121765
Barbi, I. *see* Mehl, E.L.M. 121581
Barbi, I. *see* Torrico Bascope, G.V. 121778
Barbi, M. *see* Di Garbo, A. 110832
Barbiellini, G., Basini, G., Bellotti, R., Bocciolini, M., Boezio, M., Massimo Brancaccio, F., Bravar, U., Cafagna, F., Candusso, M., Carlson, P., Casolino, M., Castellano, M., De Cataldo, G., Circella, M., Codino, A., Finetti, N., Francke, T., Giglietto, N., Golden, R.L., Grimani, C., Hof, M., Marangelli, B., De Marzo, C.N., Mitchell, J.W., Morselli, A., De Pascale, M.P., Papini, P., Perego, A., Piccardi, S., Picozza, P., Ricci, M., Schiavon, P., Simon, M., Sparvoli, R., Spillantini, P., Spinelli, P., Stephens, S.A., Stochaj, S.J., Streitmatter, R.E., Suffert, M., Vacchi, A., Weber, N., Zampa, N. Performance of the CAPRICE RICH detector during the 1994 balloon flight 69722
Barbiellini, G. *see* Arfelli, F. 90367
Barbiellini, G. *see* Arfelli, F. 90432
Barbiellini, G. *see* Arfelli, F. 110579
Barbier, C. *see* Litovchenko, K. 120675
Barbier, C.E., Nogarede, B., Meyer, H.-L. Global control strategy optimization of an asynchronous drive system for an electric vehicle 103112
Barbier, D. *see* Kachanov, A. 75898
Barbier, D. *see* Orignac, X. 95743
Barbier, J. *see* Burgun, L. 83084
Barbier, R. *see* Leconte, J. 69315
Barbieri, A. Benefits applications and data analysis techniques for linewidth multilevel experimental design 115094
Barbieri, A., Cariolaro, G., Vangelista, L. Nonlinear models of TWT revisited for OFDM systems 83767
Barbieri, A. *see* D'Ambrosio, A. 119118
Barbieri, E. *see* Alba-Flores, R. 71267
Barbieri, E. *see* Salinas, R. 71333
Barbieri, I. *see* Anguita, D. 66903
Barbieri, L., Malta, A.L.M. Comparison between ITU-T Recs G.826×G.821: a concrete case in Brazil 99132

Barbieri, L. *see* Malta, A.L.M. 99116
Barbieri, M.B. *see* Riubrugent, J. 112040
Barbini, R. *see* Ciucci, A. 111302
Barbir, A. A new fast approximate arithmetic coder 66374
Barbir, F., Gomez, T. Efficiency and economics of proton exchange membrane (PEM) fuel cells 112309
Barbir, F. *see* Nadal, M. 81969
Barbo, F. *see* Almeida, J. 94572
Barbolla, J. *see* Castrillo, P. 62972
Barborica, A. *see* Leggieri, G. 92928
Barborica, A. *see* Mihailescu, I.N. 92821
Barbosa, A.F. Use of a multilayer printed circuit board as the position sensing electrode in an MWPC 69753
Barbosa, A.F., Machado, J.M. Computer simulation of the electric field and potential of multiwire electrodes in X-ray detectors by the method of moments 101043
Barbosa, A.M. *see* Fernandes, C.A. 97336
Barbosa, A.M. *see* Peixeiro, C. 66061
Barbosa, F. *see* Wu, J. 110619
Barbosa, F.P.M. *see* Ferreira, I.M. 101669
Barbosa, F.P.M. *see* Ferreira, I.M. 101707
Barbosa, F.R., Pereira, J.S., Matsumoto, F.M., Coral, A. 24-channel synchronous parallel optical fiber interconnection 96066
Barbosa, H.J.C. *see* Chaves, M.B.F. 93674
Barbosa, L.C., Aranha, N., Alves, O.L., Srivastava, R. Ag^+-Na^+ exchanged waveguides from molten salts in a chemically durable phosphate glass 116066
Barbosa, L.C. *see* Reynoso, V.C.S. 74442
Barbosa, L.R., Vieira, J.B., Jr., de Freitas, L.C., Vilela, M.S., Farias, V.J. A buck quadratic PWM soft-switching converter using a single active switch 121568
Barbosa, M., Lefeuvre, S. Measurement method of permittivity variations of loss liquid materials 100278
Barbosa, P.G., Watanabe, E.H. Series connection of PWM-voltage source inverter for reactive power compensation of ac transmission lines 102138
Barbosa, P.M., Barbi, I. Inga converter: a new single-switch flyback-current-fed topology 71461
Barbosa, W.G., Giarola, A.J. Operation in the TM_{10} mode of a microstrip antenna on a conical surface 97302
Barbosa da Silva, V. *see* Kux, H.J.H. 111086
Barbosa-Garcia, O., Jonguitud-Isurieta, E., Diaz-Torres, L.A. Monte Carlo treatment of the non radiative energy transfer from Nd^{3+} to Er^{3+} in $Y_3Al_5O_{12}$ 115977
Barbosa-Mier, R.I., Carrillo Chica, A., Vega Riveros, J.F. Comparison of adaptive systems for suppression of stimulation artifacts in EMG signals 101385
Barbot, J.F. *see* Desgardin, P. 94708
Barbot, J.F. *see* Ntsoenzok, E. 74097
Barbot, J.F. *see* Ntsoenzok, E. 105832
Barbour, J.C. *see* Denison, D.R. 84678
Barbour, R.L. *see* Chang, J. 101250
Barbour, R.L. *see* Jenghwa Chang 101135
Barboux, J.P. The NM210 DGPS monitoring station 79050
Barboux, J.P. Practical real time kinematic applications of GPS 79090
Barboza-Flores, M. *see* Castaneda, B. 106942
Barboza-Flores, M. *see* Pashchenko, L.P. 110997
Barbu, V., Kunisch, K. Identification of nonlinear parabolic equations 103776
Barbuio, C. *see* Fenyves, A. 67846
Barbulescu, C. *see* Stein, M. 101681
Barcaglioni, M., Giglioli, R., Saraceno, G.A., Conte, M. Power storage for underground railways 103108
Barcelo, F., Casares, V., Paradells, J. M/D/C queue with priority: application to trunked mobile radio systems 108817
Barcelo, J.-M. *see* Jaussi, L. 118238
Barcelos, S., Zervas, M.N., Laming, R.I. Characteristics of chirped fiber gratings for dispersion compensation 78797
Barcelos, S., Zervas, M.N., Laming, R.I. Characteristics of chirped fiber gratings for dispersion compensation 84991
Barcelos, S., Zervas, M.N., Laming, R.I., Payne, D.N. Phase dispersion characterization of fibre gratings 99591
Barcey, R., Svenson, E.J., Yunlong Sun Reducing optoelectric response when functionally tuning thin-film resistors on silicon IC's 115306
Barch, D. *see* Stoker, C.R. 90821
Barchett, L.D., Banerji, A., Tracey, J.M., Cohn, D.L. Problems using MD5 with IPv6 118079
Barcia, E., Striuli, A. Quality as a measurement of customer perception and satisfaction in mobile TLC 118957
Barciela, M.Fernandez *see* Fernandez Barciela, M.
Barclay, A.B. *see* Di Bella, E.V.R. 101149
Barclay, G.G., Hawker, C.J., Ito, H., Orellana, A., Malenfant, P.R.L., Sinta, R.F. Narrow polydispersity polymers for microlithography: Synthesis and properties 105778
Barclay, G.G. *see* Sinta, R. 105777
Barclay, J. *see* Wu, Y. 78978
Barclay, L. *see* Enright, R. 85857
Barcon, S. Solving problems on electronic controls at big industrial plants in Mexico 91969
Barcucci, E., Del Lungo, A., Pinzani, R. "Deco" polyominoes, permutations and random generation 72484
Barcus, L.C. Relation between coupled and uncoupled resonator equations 95317
Barcz, A., Karczewski, G., Wojtowicz, T., Kossut, J. Manganese diffusion in MBE-grown Cd(Mn)Te structures 74230
Barczewski, M. *see* Widmer, T. 61186
Bard, A.J. *see* Liu, C.-Y. 75691
Bard, J.D., Ham, F.M., Jones, W.L. An algebraic solution to the time difference of arrival equations 108262
Bardasano, J.L. *see* Picazo, M.L. 90628
Bardeleben, H.J.von *see* von Bardeleben, H.J.
Bardelli, L., Manoni, G. The role of satellite in the future digital television 68833
Bardelli, R., Haworth, D., Smith, N. Interference localisation for the Eutelsat satellite system 76501
Bardez, J.-P. Should technical writers question the technical side of information? 112689
Bardez, J.-P. *see* Warren, T. 112820
Bardi, I. *see* Biro, O. 107778
Bardi, I. *see* Groiss, S. 62190
Bardi, I. *see* Groiss, S. 93748
Bardi, I. *see* Preis, K. 65691
Bardi, I. *see* Preis, K. 103326
Bardi, U. *see* Giordano, H. 82627
Bardinal, V. *see* Buhleier, R. 116679
Bardinet, E., Cohen, L., Ayache, N. Tracking medical 3D data with a deformable parametric model 70018
Bardonnie, M.De La *see* De La Bardonnie, M.
Bardou, N. *see* Hehn, M. 64271
Bardsley, J.N. *see* Vahedi, V. 62546
Barducci, A., Pippi, I. Temperature and emissivity retrieval from remotely sensed images using the "Grey body emissivity" method 70454
Bardwell, J.A., Allegretto, E.M., Mason, B., Erickson, L.E., Champion, H.G. Dopant delineation on Si(100) using anodic oxidation and atomic force microscopy 62682
Bardwell, J.A., Allegretto, E.M., Phillips, J., Buchanan, M., Draper, N. Influence of the initial electrochemical potential on the growth mechanism and properties of anodic oxides on (100) Si 114968
Bardwell, J.A., Draper, N., Schmuki, P. Growth and characterization of anodic oxides on Si(100) formed in 0.1 M hydrochloric acid 74578
Bardwell, J.A., LeBrun, L., Evans, R.J., Curry, D.G., Abbott, R. Cleanroom compatible anodization cell for 150 mm Si wafers 74612
Bardwell, J.A. *see* Allegretto, E.M. 105606
Bardwell, J.A. *see* Schmuki, P. 63380
Bardy, J. *see* Eyharts, Ph. 89740
Bardyn, J.-P. *see* Smith, T. 89023
Bardyn, J.J. *see* Petrellis, N.C. 98493
Bardyszewski, W., Yevick, D., Yong Liu, Rolland, C., Bradshaw, S. Theoretical and experimental analysis of Mach-Zehnder quantum-well modulators 95813
Bareau, P., Abdipour, A., Pacaud, A. A new noise parameter measurement method for microwave devices 119861
Baree, A.H., Robertson, I.D. A novel MMIC balanced FET mixer with superior performance 62309
Baree, A.H., Robertson, I.D. Novel techniques for obtaining high isolations in practical microwave FET MMIC mixers 93917
Bareikis, V. *see* Aninkevicius, V. 63084
Bareith, A., Karsa, Z., Spurgin, A.J., Kiss, I., Izso, L. On the use of data collected during crew reliability experiments at Paks Nuclear Power Plant–status report 71050
Barel, A. *see* Van den Broeck, T. 100291
Barel, A. *see* Verspecht, J. 79682
Barel, A. *see* Verspecht, J. 93098
Barel, M.Van *see* Van Barel, M.
Barendsen, E., Bezem, M. Polymorphic extensions of simple type structures, with an application to a bar recursive minimization 82454
Barequet, G., Sharir, M. Piecewise-linear interpolation between polygonal slices 67026
Baresi, L., Bolchini, C., Sciuto, D. Software methodologies for VHDL code static analysis based on flow graphs 113683
Baresova, E., Grieszbach, G., Schack, B., Vilser, W., Brauer-Burchardt, C., Senff, I. Filtering properties of an adaptive trend operator and the application for determining the arterial blood velocity in retinal vessels 69929
Barey, B. *see* Roshal, A. 102884
Barfield, J.N. *see* Chau, S.N. 80566
Barg, A. Two families of low-correlated binary sequences 117186
Barge, M., Heggarty, K., Chevallier, R. Two methods of reducing the dynamic range of a holographic filter 96774
Barge, M., Heggarty, K., Idan, Y., Chevallier, R. 64-channel correlator implementing a Kohonen-like neural network for handwritten-digit recognition 98266
Barge, T. *see* Auberton-Herve, A.J. 63150
Barger, H.A. Dynamic characteristics of narrow-band land mobile communication channels 107923
Bargiela, A. *see* Soler, R. 80197
Bargoin, N. *see* Rahmouni, A. 80366
Bargoin, R. *see* Rahmouni, A. 80366
Bargouty, K.S. *see* Zelenokhat, N.I. 101822
Barham, P. *see* Leslie, I.M. 109207
Bari, D.Di *see* Di Bari, D.
Bari, M. *see* Alvsvaag, S.J. 90124
Bari, M.A. *see* Takeuchi, I. 84886
Bari, N. *see* Rapp, M. 110258
Baribeau, J.-M., Lockwood, D.J., Syme, R.W.G. Interfaces in Si/Ge atomic layer superlattices on (001)Si: Effect of growth temperature and wafer misorientation 92724
Baribeau, J.-M. *see* Lafontaine, H. 82636
Baribeau, J.-M. *see* Lu, Z.H. 63149
Baribeau, J.-M. *see* Xia, H. 114705
Baric, A. 2D numerical simulation of GaAs MESFETs: Influence of substrate doping 74772
Baric, A. *see* McNally, P.J. 74766
Barichello, G. *see* Autiero, D. 80006
Baril, B. Verify critical path timing before production [IC testing] 95128
Barili, A., Ceresa, M., Parisi, C. Energy-saving motion control for an autonomous mobile robot 71732
Barille, R., Wang, D., Dorkenoo, K.D., Rivoire, G. Relation between frequency modulation and stimulated Rayleigh scattering in large spectral band of CS_2 76210
Barillet, R., Brillet, A., Chiche, R., Cleva, F., Latrach, L., Man, C.N. Injection and frequency stabilisation of a 2 Watt Nd:YAG laser 75901
Barillot, C., Bensoussan, J.P., Calvel, P., Poirot, P. Total dose and heavy ions evaluation of UC1806 pulse width modulator from Unitrode 61689
Barillot, C., Calvel, P. Review of commercial spacecraft anomalies and single-event-effect occurrences 70307
Barinas-Mitchell, E. *see* Aaron, D.J. 101044
Baringer, C., Jensen, J., Burns, L., Walden, B. 3-bit, 8 GSPS flash ADC 93534
Baringer, P. *see* Adams, M. 110591
Barinov, N.I., Trofimov, A.N. Measuring system for monitoring the supply of propellant components in spacecraft tanks 80580
Barish, R.J. On designing room shielding for total-body irradiation 70297
Baritompa, B., Steel, M. Bounds on absorption times of directionally biased random sequences 113069
Barjaktarovic, M., Shiu-Kai Chin, Jabbour, K. Formal specification and verification of the kernel functional unit of the OSI session layer protocol and service using CCS 67738
Bark, J.O., Gildenblat, G. A simple transport model for submicron semiconductor device analysis 105845
Barkalov, A.A., Shvets, A.G. Synthesis of a composite microprogramming control device with a code converter 97514
Barkaoui, K. *see* Bettaz, M. 108870
Barkat, M. *see* Dib, S. 119274
Barke, E. *see* Borchers, C. 83263
Barke, E. *see* Scherber, F. 74788
Barkema, G.T. *see* Breeman, M. 61237
Barker, C.E., van Wonterghem, B.M., Auerbach, J.M., Foley, R.J., Murray, J.R., Campbell, J.H., Caird, J.A., Speck, D.R., Woods, B. Design and performance of the Beamlet laser third harmonic frequency converter 85432
Barker, C.E. *see* Van Wonterghem, B.M. 85414
Barker, D. *see* Hines, K.M. 82245
Barker, D. *see* Read, B.C. 120625
Barker, G.J. *see* Grimaud, J. 101274
Barker, G.J. *see* Simmons, A. 69988
Barker, J. *see* Koksbang, R. 71636
Barker, J. *see* Levin, J. 103346
Barker, J. *see* Rajaravivarma, V. 109259
Barker, J. *see* West, K. 81682
Barker, J.L. *see* Boncyk, W.C. 120720
Barker, J.L. *see* Helder, D. 120722
Barker, J.L. *see* Markham, B.L. 120721
Barker, R. NFS storage alternatives 109128
Barker, R. *see* Barras, R. 91172
Barker, W.C., Newton, A.R. The maximal VHDL subset with a cycle-level abstraction 113824
Barkeshli, K., Banaii, A. A study of loaded gratings using approximate boundary conditions 97077
Barkhanov, A.M. *see* Tarasov, B.V. 106554
Barkhatova, L.Yu. *see* Cherepanov, V.A. 81793
Barkhordarian, V. Power MOSFET basics 84363
Barkley, J.R. *see* Bai, S.J. 85056
Barkley, K. *see* Martinez, M.J. 83374
Barklie, R. *see* Pacaud, Y. 105591
Barklie, R.C. *see* Panwar, O.S. 104143
Barklie, R.C. *see* Priolo, F. 94710
Barklow, T. *see* Zimmermann, F. 89651
Barklund, J. *see* Jonsson, P. 117379
Barkovich, B.R. Electric power deregulation–end of monopoly 80895
Barkovich, B.R., Hawk, D.V. Charting a new course in California [electricity market restructuring] 90986
Barkow, U. *see* Harms, U. 121892
Barkwith, M. Lead-acid batteries: the Nuclear Electric experience 81719
Barkyoumb, J.H. *see* Mathur, V.K.. 110979
Barla, K., Levy, D., Fleury, A., Reynard, J.P., Kwakman, L. SCA and SPV in line monitoring [IC quality] 60667
Barlag, C. *see* Peitzmann, T. 100814
Barlage, D. *see* Liou, L.L. 74665
Barlage, D.W. *see* Ahmari, D.A. 62236

Barlage, D.W. *see* Chian-Gauh Shih 78928
Barlage, D.W. *see* Thomas, S. 94942
Barlas, G.D., Skordalakis, E.S. A novel family of compression algorithms for ECG and other semiperiodical, one-dimensional, biomedical signals 101347
Barlaud, M. *see* Laurette, L. 80309
Barlett, M.L., Baugh, K.W., Wilson, G.R. Transient detection using the nonstationary bispectrum 66797
Barletta, W. *see* Kwok, P. 89918
Barlik, R. *see* Dakir, A. 71779
Barlow, A., Voots, T., Arnold, T., Clark, P.J. Measurement of ultra-low polarisation mode dispersion in single mode optical fibers by a technique of PMD biasing 64677
Barlow, A.J. *see* Arvidsson, B. 64678
Barlow, C.L. *see* Daulton, M. 92069
Barlow, D. *see* Szymanski, J.J. 110589
Barlow, D.B., Jason, A.J., Neri, F., Walstrom, P.L. Mirror-field magnet for stripped electron sweeping 90056
Barlow, F., Riad, S., Su, W., Elshabini-Riad, A. Wideband electrical characterization of materials used in MCM applications 83670
Barlow, F. *see* Riad, S. 94131
Barlow, H. Intraneuronal information processing, directional selectivity and memory for spatio-temporal sequences 77242
Barlow, J.L. *see* Szu-Min Lu 103741
Barlow, M.I. *see* Roskilly, A.P. 82735
Barlow, S.M. *see* Finan, D.S. 120279
Barlow, T.A. *see* Nolen, J.A. 100590
Barmak, K., Ristau, R.A., Coffey, K.R., Parker, M.A., Howard, J.K. Grain growth and ordering kinetics in CoPt thin films 64294
Barman, P. *see* Kal, S. 106183
Barme, L. *see* Croisy, P. 118536
Barmin, A.V. *see* Ghindilis, A.L. 110225
Barna, A. *see* Avalos-Borja, M. 104152
Barna, A. *see* Kovac, J. 100046
Barna, G.G., Buck, D.W., Butler, S.W., Splichal, M., Anderson, H., White, D. Sensor information from a Lam 9600 metal etch process 63392
Barna, P. *see* Kovac, J. 100046
Barna, P.B. *see* Nemeth, S. 103919
Barnard, H.B. New approach to pricing for residential customers 101798
Barnard, J., Loser, T. FACTS for distribution applications 102062
Barnard, J. *see* Friedman, A. 89692
Barnard, J. *see* Karpenko, V. 89695
Barnard, J.A. *see* Hong Deng 75241
Barnard, J.A. *see* Hong Deng 115738
Barnard, J.A. *see* Inturi, V.R. 75098
Barnard, J.A. *see* Jarratt, J.D. 75169
Barnard, J.A. *see* Jarratt, J.D. 115643
Barnard, J.A. *see* Minor, M.K. 64258
Barnard, J.A. *see* Viala, B. 115485
Barnard, J.J. Emittance growth from rotated quadrupoles in heavy ion accelerators 90016
Barnard, J.J. *see* Deadrick, F.J. 100567
Barnard, J.N., Bowler, P. A new battery autonomy testing technique for UPS 81725
Barnard, K., Finlayson, G., Funt, B. Colour constancy for scenes with varying illumination 67275
Barnard, K.J., Watson, E.A. Effects of image noise on submicroscan interpolation 86967
Barnard, T.J., Weiner, D.D. Non-Gaussian clutter modeling with generalized spherically invariant random vectors 119325
Barnea, Z. *see* Nugent, K.A. 120236
Barner, K.E. *see* Hardie, R.C. 77255
Barnes, A. *see* Allbritton, G.L. 80079
Barnes, A. *see* Allbritton, G.L. 100826
Barnes, A. *see* Wang, G.Z. 79474
Barnes, C.F. A new approach to VQ-based compression and classification of sensor data 120624
Barnes, C.F. *see* Zaidan, M.Y. 66315
Barnes, C.H.W. *see* Mace, D.R. 63097
Barnes, F.S., Harwick, P., Banerjee, A. Coaxial lines for multiphase power distribution 70858
Barnes, G., Feige, U. Short random walks on graphs 103642
Barnes, G., Lee, S., Perez, A. INS/GPS space application for all flight dynamics – boost through landing 80540
Barnes, G.R., Cerrito, P.B. Using electronic communication to develop a mathematical community in an urban setting 77910
Barnes, J.W.R., Henning, I.D., Newson, D.J., Pratt, D.J. BT Laboratories' Futures Testbed 78027
Barnes, M., Michaelides, A.M., Pollock, C. The design and performance of a self-starting 2-phase switched reluctance drive 121999
Barnes, N.P. *see* Hart, D.W. 65151
Barnes, P. *see* Hartung, W. 90028
Barnes, P. *see* Padamsee, H. 100471
Barnes, P. *see* Pisharody, M. 100658
Barnes, P.D. *see* Habboush, I.H. 90327
Barnes, P.D., Jr. *see* Sadoulet, B. 100818
Barnes, P.R. *see* You, Y. 81529
Barnes, R. *see* Krause, T.W. 72983
Barnes, R.N. *see* Murnane, S.N. 70529
Barnes, S.B. Internet relationships: the bright and dark sides of cyber-friendship 98688
Barnes, S.L. *see* Schimert, T.R. 69148
Barnes, S.R., Waterworth, G., Doble, I.R., Duff, I.G., Watson, I.G. The application of concurrent engineering in an international company 72204
Barnes, T.H., Haskell, T.G., Woolhouse, A.D., Smith, G.J. High efficiency thick phase holograms in gelatin doped with methylene blue 65547
Barnet, M. *see* Cabreira, C.M. 93549
Barnett, A.M. *see* Cotter, J.E. 112375
Barnett, A.M. *see* Rand, J.A. 112358
Barnett, B., Bovik, A.C. Motion-compensated visual pattern image sequence coding for full-motion multisession videoconferencing on multimedia workstations 109175
Barnett, B.C. *see* Ahn, K.H. 95903
Barnett, B.C. *see* Cao, X.D. 95906
Barnett, B.C. *see* Min Jiang 75855
Barnett, B.G., Dudding, K.E., Abdel-Malek, A., Mitchell, R.J. Satellite teleradiology testbed for digital mammography 110892
Barnett, B.M. *see* Megahed, S. *(editor)* 72091
Barnett, G. *see* Denbeaux, G. 107398
Barnett, G.A., Madey, J.M.J., McKee, C.B., Straub, K.D., Szarmes, E.B. The Mark III IR FEL: improvements in performance and operation 96489
Barnett, M. *see* Finardi, C.A. 93925
Barnett, R., Harjani, R. A 200 MHz differential sampled data FIR filter for disk drive equalization 114068
Barnett, S.A., Anido, G.J. A cost comparison of distributed and centralized approaches to video-on-demand 99782
Barnette, S. Utility distribution monitoring: a case study 91131
Barney, D. *see* Peigneux, J.P. 120164
Barney, J. *see* Peigneux, J.P. 120164
Barney, J.S. *see* Sossi, V. 101121
Barnham, K., Connolly, J., Griffin, P., Haarpaintner, G., Nelson, J., Tsui, E., Zachariou, A., Osborne, J., Button, C., Hill, G., Hopkinson, M., Pate, M., Roberts, J., Foxon, T. Voltage enhancement in quantum well solar cells 102982
Barnham, K. *see* Tsui, E. 116236
Barnham, K.W.J. *see* Bames, J. 74367
Barnhart, B., Rucker, S., Bearden, D., Barrera, M. Development and application of an object-oriented graphical environment for the simulation of space-based sensing systems 90892
Barnhart, B., Rucker, S., Bearden, D., Barrera, M. Development and application of an object-oriented graphical environment for the simulation of space-based sensing systems 120587
Barniol, N. *see* Servat, J. 84261
Barnoux, C. *see* Abbes, M. 90145
Barnum, D. *see* Dressler, R. 109773
Barnwell, P. *see* Rekonen, H. 114254
Baro, M.C., Sodha, J. Shape codes 108118
Baron, C., Hsing Cheng, Gupta, M.C. Periodic domain inversion in ion exchanged $LiTaO_3$ by electric field application 96688
Baron, C., Weil, B. Implementing a Web shopping cart 98747
Baron, C.J. *see* Eichorst, D.J. 75057
Baron, M.G., Narayanaswamy, R., Thorpe, S.C. Hydrophobic membrane sensor for the optical determination of hydrogen chloride gas 69352
Baron, R.L. *see* Satoh, T. 98225
Baron, T., Saminadayar, K., Tatarenko, S. Plasma nitrogen doping efficiency in molecular beam epitaxy of tellurium-based II-VI compounds 74203
Baron, Y. *see* Jerby, E. 107032
Baroncelli, C., Maranesi, P., Rossi, R. Linear models of diode-capacitor rectifiers and multipliers 121640
Barone, L.M. *see* de Notaristefani, F. 110698
Baroni, S., Bayvel, P., Midwinter, J.E. Influence of physical connectivity on the number of wavelengths in dense wavelength-routed optical networks 68525
Baronio, A., Piccolomini, E.L., Zama, F. A method for solving the indirect approximation problem 87149
Baronov, G.S. *see* Baranov, V.Yu. 116347
Baronti, S. *see* Aiazzi, B. 111090
Baronti, S. *see* Aiazzi, B. 111120
Baronti, S. *see* Aiazzi, B. 120699
Baronti, S. *see* Alparone, L. 86973
Baroth, B.E., Brunzie, T., Hartsough, C., McGregor, J. More on visual programming data acquisition software tools 79264
Baroudi, S.E., Tnani, S., Berthon, A. Numerical simulation of frequency control of a resonance converter 112087
Barov, N., Conde, M., Rosenzweig, J.B., Schoessow, P., Cox, G., Gai, W., Konecny, R., Power, J., Simpson, J. Measurements of plasma wake-fields in the blow-out regime 89644
Barov, N. *see* Rosenzweig, J.B. 79982
Barov, N. *see* Schoessow, P. 89708
Barquin, J., Gomez, T., Pagola, F.L. Hopf limit cycles estimation in power systems 101718
Barr, D., Sellyey, W. Digital signal processing for the APS transverse and longitudinal damping system 89855
Barr, D. *see* Chung, Y. 100534
Barr, D. *see* Chung, Y. 100614
Barr, G.D., Formenti, F., Iwanski, W., Kapusta, P., Wahl, H., Ziolkowski, M. A fully software-programmable pipelined trigger-processing module 90213
Barr, G.D., Formenti, F., Iwanski, W., Kapusta, P., Wahl, H., Ziolkowski, M. A fully software-programmable pipelined trigger-processing module 100933
Barr, G.D. *see* Hallgren, B. 90201
Barr, G.D. *see* Hallgren, B. 100956
Barr, R., Armstrong, T.R. Reflection of VLF radio waves from the Canadian Rockies 76420
Barr, R.E. *see* Ferdjallah, M. 101408
Barra, L. *see* Dutton, A.G. 102552
Barragan, L.A. *see* Artigas, J.I. 77106
Barral, H. *see* Sanchez, J. 108317
Barrantes-Sliesarieva, E.G., Ilyas, M. An indexed access mechanism for wireless networks 109385
Barras, R., Barker, R., Durland, C. Next generation cable jackets 91172
Barrass, P.G. *see* Mecrow, B.C. 91875
Barrat, S., Pigeat, P., Bauer-Grosse, E. Three-dimensional simulation of CVD diamond film growth 72913
Barratt, C. *see* Shul, R.J. 84187
Barratt, C. *see* Shul, R.J. 94782
Barratt, L. *see* Young, M. 100399
Barraza, R., Cernuschi-Frias, B., Cernuschi, F. Applications and extensions of the chains-of-rare-events model 113026
Barreira, G. *see* Alvsvaag, S.J. 90124
Barreiro da Silva, J. *see* Lin, H. 104644
Barrera, J.S., III *see* Jones, M.B. 118260
Barrera, M. *see* Barnhart, B. 90892
Barrera, M. *see* Barnhart, B. 120587
Barreto, A.B., Taberner, A.M., Vicente, L.M. Neural network classification of spatio-temporal EEG readiness potentials 70123
Barreto, A.B., Taberner, A.M., Vicente, L.M. Classification of spatio-temporal EEG readiness potentials towards the development of a brain-computer interface 101400
Barreto, A.B. *see* Vicente, L.M. 70019
Barreto, A.B. *see* Vicente, L.M. 101077
Barreto, J.M. *see* Ojeda, R.G. 101369
Barreto, R. *see* Urbano, L. 98336
Barrett, C.D. The current status of heavy-duty open gear drive lubrication 71805
Barrett, E., Gheen, G., Payton, P. Algorithms for invariant model transfer and object reconstruction 77174
Barrett, F. *see* Casaubieilh, F. 82866
Barrett, H.H. *see* Barber, H.B. 101212
Barrett, H.H. *see* Eskin, J.D. 100860
Barrett, H.H. *see* Klein, W.P. 101094
Barrett, H.H. *see* Marks, D.G. 80353
Barrett, H.H. *see* Marks, D.G. 101240
Barrett, H.H. *see* Wilson, D.W. 80303
Barrett, J. *see* Doyle, R. 92273
Barrett, J. *see* Fernandez-Duran, A. 109540
Barrett, J. *see* Kelly, G. 60607
Barrett, J. *see* Lawton, W. 112902
Barrett, J. *see* Patterson, J.C. 84228
Barrett, J.W., Blowey, J.F. An error bound for the finite element approximation of a model for phase separation of a multi-component alloy 61127
Barrett, R., Gross, R.S. Super-active shape-memory alloy composites 72980
Barrett, R., Koch, T. Accelerometer installations in extreme industrial environments 99925
Barrett, S.E., Dabbagh, G., Pfeiffer, L.N., West, K.W., Tycko, R. NMR measurement of the spin magnetization and spin dynamics in the quantum Hall regimes 105367
Barrett, T. *see* Weese, S. 108957
Barretta, L., Cremonesi, P., Panzeri, E., Scarabottolo, N. Experiences on using a workstation cluster to implement a real-time digital transient network analyzer 101692
Barrette, J. *see* Anholt, R. 74698
Barrette, J. *see* Dettmer, R. 93804
Barrette, J. *see* Jenkins, T. 74704
Barrette, J. *see* Liou, J.J. 84336
Barrette, J. *see* Liou, L.L. 74665
Barrette, J.P. *see* Huang, C.I. 93848
Barretto, P.S.da Rocha *see* da Rocha Barretto, P.S.
Barretto, P.S.D.R. Flexible IF processors for future communications payloads 99438
Barrientos, B., Aboites, V., Damzen, M. Temporal dynamics of a ring dye laser with a stimulated Brillouin scattering mirror 107138
Barrientos, B., Aboites, V., Damzen, M. Temporal dynamics of a ring dye laser with a stimulated Brillouin scattering mirror 107139
Barrientos Villar, J.M. *see* Quiros Olozabal, A. 73083
Barrier, D. *see* Gerard, J.M. 63082
Barrier, D. *see* Gerard, J.M. 85549
Barriere, A.S. *see* Bouhacina, T. 94337
Barriga, A. *see* Huertas, J.L. 73460
Barring, N.E. *see* Ye, Z. 71656
Barrington, S. *see* Beacham, K. 67708
Barrington, W.W. *see* Caldwell, M.A. 90539
Barriol, R. *see* Lachaud, F. 113601
Barrios, L.J. *see* Betancourt-Silva, F. 99956
Barriuso, D. *see* De Blas, P. 110867
Barro Ameneiro, S. *see* Rodriguez Gomez, B. 89392
Barron, A.R. CVD of SiO_2 and related materials: an overview 61341
Barron, B. The fundamentals and value of infrared thermometry 89545
Barron, B. The fundamentals and value of infrared thermometry 99966

Barron, C.C., Fleming, J.G., Montague, S., Sniegowski, J.J., Hetherington, D.L. Integrated mold/surface-micromachining process 106281
Barron, C.C. *see* Fleming, J.G. 74912
Barron, L. *see* Curnow, J.S.H. 90285
Barron, R. *see* Sriram, S. 62274
Barron, R.R. *see* Brandt, C.D. 104054
Barros, A.K., Ohnishi, N., Yoshizawa, M. Learning characteristics of event-related filters 93544
Barros, E. *see* Maciel, P. 73051
Barros, H.M., Azevedo, R.M., Carneiro, S., Jr. A comparison of frequency-dependent line models in connection with implicit segmentation schemes [for power lines] 111617
Barros, J.E. *see* Kelly, P.M. 66922
Barros, L.E.M.de, Jr. *see* de Barros, L.E.M., Jr.
Barros, M.A.de *see* de Barros, M.A.
Barros, M.R.X.de *see* de Barros, M.R.X.
Barros, M.T.Correia De *see* Correia De Barros, M.T.
Barros, R.C.Mendes de *see* Mendes de Barros, R.C.
Barroso, J. *see* Costela, A. 107136
Barroso, J.J., Castro, P.J. Eigenmodes in open coaxial cylindrical resonators 93735
Barroso, J.J., Castro, P.J., Correa, R.A. Resonance in open coaxial cylindrical resonators 73672
Barroso, J.J., Castro, P.J., Rossi, J.O., Idehara, T., Spassovsky, I.P. Operation of a 32 GHz pulsed gyrotron 94198
Barroso, J.J., Stellati, C. Generation of helical electron beams by a non-adiabatic gun 73960
Barroso, J.J. *see* Sandonato, G.M. 69614
Barroso, J.J. *see* Yovchev, I.G. 105025
Barroso, V. *see* Gomes, J. 117912
Barrow, A. *see* Burrill, J. 86938
Barrow, W., Coovert, R., Dickey, E., Flegal, T., Fullman, M., King, C., Laakso, C. A high contrast, full color, 320.256 line TFEL display 89272
Barrows, A.K., Enge, P., Parkinson, B.W., Powell, J.D. Evaluation of a perspective-view cockpit display for general aviation using GPS 120606
Barruncho, L.M., Vidigal, A.M. GIS and distribution management: system design and integration issues 102099
Barry, A.L. *see* Houdayer, A.J. 107016
Barry, C.F. *see* Ting-Kuang Chiang 77944
Barry, C.P. *see* Cacciari, M. 64022
Barry, D.M. *see* Meniconi, M. 82348
Barry, J.R., Lee, E.A., Messerschmitt, D.G. Capacity penalty due to ideal zero-forcing decision-feedback equalization 77568
Barry, J.R. *see* Audeh, M.D. 78740
Barry, J.R. *see* Batra, A. 76491
Barry, J.R. *see* Chen-Chu Yeh 115805
Barry, L.P., Bollond, P.G., Dudley, J.M., Harvey, J.D., Leonhardt, R. Autocorrelation of ultrashort pulses at 1.5 μm based on nonlinear response of silicon photodiodes 119901
Barry, L.P., Guignard, P., Debeau, J., Boittin, R., Bernard, M. A high-speed optical star network using TDMA and all-optical demultiplexing techniques 78736
Barry, N. Stability of discrete linear feedback systems with pulse-width-modulation power dispatch 90984
Barry, N. *see* Canny, D. 91646
Barry, N.P. *see* Jones, R. 107627
Barry, R. *see* LaBel, K. 70337
Barry, R.A. Device and system requirements from a networking perspective 68524
Barry, R.A., Chan, V.W.S., Hall, K.L., Kintzer, E.S., Moores, J.D., Rauschenbach, K.A., Swanson, E.A., Adams, L.E., Doerr, C.R., Finn, S.G., Haus, H.A., Ippen, E.P., Wong, W.S., Haner, M. All-Optical Network Consortium—ultrafast TDM networks 77948
Barry, R.A., Humblet, P.A. Models of blocking probability in all-optical networks with and without wavelength changers 78726
Barry, R.A. *see* Azizoglu, M. 78733
Barry, R.A. *see* Kaminow, I.P. 77942
Barry, R.A. *see* Marquis, D. 98638
Barry, R.E., Burgess, T.W., Menon, M.M., Slotwinski, A., Sebastian, R. A coherent FM laser radar based system for remote metrology in ITER 110033
Barry, W., Byrd, J., Corlett, J., Fahmie, M., Johnson, J., Lambertson, G., Nyman, M., Fox, J., Teytelman, D. Design of the PEP-II transverse coupled-bunch feedback system 100607
Barry, W., Byrd, J., Corlett, J., Johnson, J., Lambertson, G., Fox, J. Commissioning of the ALS transverse coupled-bunch feedback system 100524
Barry, W. *see* Kunquan Sun 75151
Barry Joe *see* Anwei Liu 103796
Bars, J.M.Le *see* Le Bars, J.M.
Barsali, S. *see* Ceraolo, M. 121013
Barsanti, M.L., Smutek, L.S., Armstrong, C.M. Pulsed noise analysis system 62586
Barsch, R. *see* Schmuck, F. 121199
Barshan, B. Location and curvature estimation of "spherical" targets using a flexible sonar configuration 80700
Barsingerhorn, W. *see* de Haas, E. 64173
Barski, A. *see* Godlewskia, M. 114594
Barski, A. *see* Rossner, U. 92750
Barsky, D. *see* Dines, J.A.B. 85196
Barsony, I. *see* Boher, P. 94697
Barsony, I. *see* Khanh, N.Q. 84068
Barsony, I. *see* Khanh, N.Q. 94707
Barsotti, E. *see* Zimmermann, S. 79258
Barsotti, E. *see* Zimmermann, S. 100857
Barsoum, M.W., Elkind, A., Selim, F.A. Low breakdown voltage varistors by grain boundary diffusion of molten Bi_2O_3 in ZnO 62377
Barsoum, R.G.S. Active materials and adaptive structures 104193
Barstow, D., Frost, E. Do we really understand what we see? Cognitive issues in remote-sensing from the perspective of a scientist and an educator 103343
Barstow, D. *see* McGuire, J. 112778
Bart, C.K. The impact of mission on firm innovativeness 72165
Bart, G.C.J. *see* Jongste, J.F. 63216
Barta, G. *see* Vichrov, N.M. 92348
Bartal, Y., Fiat, A., Leonardi, S. Lower bounds for on-line graph problems with application to on-line circuit and optical routing 93043
Bartal, Y., Smith, S.F., Jie Lin, Uhrig, R.E. Monitoring electrically powered machines using neural networks 81490
Bartal, Y. *see* Jie Lin 81205
Bartalini, P. *see* Wheadon, R. 100837
Bartek, M., Gennissen, P.T.J., Wolffenbuttel, R.F. Three-dimensional functional integration in silicon using confined selective epitaxial growth 72832
Bartel, T.J. Unisys white paper: the benefits of a product stewardship program 72260
Bartelink, D.J. Integrated Systems [systems on a chip] 104720
Bartels, A. *see* Shaobai Mo 105136
Bartels, A. *see* Wehmann, H.-H. 100044
Bartelucci, G., Giannini, F., Limiti, E. On the generalised loaded-line phase shifter 93850
Bartenev, V.D. *see* Baldin, A.M. 90061
Bartenlian, B. *see* Hehn, M. 64271
Barter, J.D., Lee, P.H.Y. Verification of microwave scattering mechanisms using optical polarimetric imagery 120828
Barth, C., Schoof, A. Quality costs–quality profits. Quality costs and profits as defined by ISO 9000 can be illustrated using process cost accounting 92285
Barth, I. *see* Dermler, G. 98450
Barth, J., Richner, J. Distortion of fast pulses by non-TEM effects in coaxial cables 99047
Barth, J. *see* LaBel, K.A. 80570
Barth, J.L. *see* Adolphsen, J. 73391
Barth, J.L. *see* Adolphsen, J. 111029
Barth, J.L. *see* Stassinopoulos, E.G. 70327
Barth, J.M. *see* Seidleck, C.M. 111030
Barth, M., Hess, P. Spectroscopic ellipsometry of germanium growth on hydrogen-terminated silicon (111) 104148
Barth, M. *see* Grewal, M.S. 79034
Barth, R., Siewert, J., Spangenberg, B., Jaekel, C., Kurz, H., Utz, B., Prusseit, W., Kinder, H., Wolf, H. Silicon micromachining technique for fabricating high temperature superconducting microbolometers 110163
Bartha, L. *see* Rajta, I. 100383
Barthe, F. *see* Moison, J.M. 61176
Barthelemy, A., Colombeau, B., Couderc, V., Desfarges, A., Guy, O., Kermene, V., Louradour, F., Vampouille, M. Intracavity coherent shaping of laser beams 65389
Barthelemy, A. *see* Armengaud, L. 96047
Barthelemy, A. *see* Breuil, N. 75693
Barthelemy, A. *see* Couderc, V. 76098
Barthelemy, A. *see* Guy, O. 75900
Barthelemy, A. *see* Guy, O. 107199
Barthelemy, A. *see* Lefort, L. 65446
Barthelemy, A. *see* Lefort, L. 76189
Barthelemy, A. *see* Roisse, E. 75903
Barthelmie, R.J., Hojstrup, J., Courtney, M.S. Assessment of the wind power resource in the coastal zone using results from the Vindeby project 102567
Barthold, F.-J. *see* Banichuk, N.V. 92148
Bartholet, W. *see* Buchner, S. 61723
Bartholet, W.G. *see* Normand, E. 70338
Bartholomeus, P., Le Moigne, P. Battery charger with high quality input waveforms 71511
Bartholomeus, P. *see* Midavaine, H. 121703
Bartholomew, K. *see* Chan, W. 64005
Bartholomew, R.G. An open software architecture in a DoD standard GPS receiver 80707
Barthou, C. *see* Zeinert, A. 96009
Bartkiewicz, S., Miniewicz, A. On the nature of optical phase conjugation in methylene blue sensitized gelatin 76219
Bartkiewicz, S. *see* Miniewicz, A. 107623
Bartkowiak, M., Comber, M.G., Mahan, G.D. Energy handling capability of ZnO varistors 74781
Bartkowiak, M., Mahan, G.D., Modine, F.A., Alim, M.A. Multiple-peaked structure in the nonlinearity coefficient of ZnO varistors 62372
Bartles, G.L. *see* Wells, R.B. 106602
Bartlett, A., Gallagher, M., Darnell, M. An embedded, spectrally efficient oblique ionospheric sounding system 88084
Bartlett, C. *see* Bobbio, S. 106287
Bartlett, C. *see* Goodwin-Johansson, S. 74981
Bartlett, D.T. *see* Gilvin, P.J. 110971
Bartlett, E.B. *see* Keehoon Kim 102397
Bartlett, I.D., Marshall, J.M., Maud, J.M. Characterization and application of carbazole modified polysiloxanes to electrochromic displays 95630
Bartlett, J. *see* Chowdhury, R. 92278
Bartlett, L.M. *see* Chen, H. 114600
Bartlett, M.L., Buvat, I., Vaquero, J.J., Mok, D., Dilsizian, V., Bacharach, S.L. Measurement of myocardial wall thickening from PET/SPECT images: comparison of two methods 90293
Bartlett, P.N. *see* Gardner, J.W. 119763
Bartley, J. A user's view of MCM-D/C packaging: is it worth the trouble? 114483
Bartley, M. *see* Casaubieilh, F. 82866
Bartley, P.G., Jr. *see* Nelson, S.O. 119850
Bartnik, A. *see* Celliers, P. 76312
Barto, J.L. Large scale link 16/JTIDS networks 80715
Bartolacci, M.R., Wu, S.D. An adaptable routing optimization model for communication networks 67601
Bartoli, F.J. *see* Flom, S.R. 107551
Bartoli, F.J. *see* Hoffman, C.A. 74434
Bartoli, F.J. *see* Malin, J.I. 65334
Bartoli, F.J. *see* Malin, J.I. 96263
Bartoli, F.J. *see* Meyer, J.R. 65259
Bartoli, F.J. *see* Shirk, J.S. 116648
Bartoli, M., Noferi, N., Reatti, A., Kazimierczuk, M.K. Modeling Litz-wire winding losses in high-frequency power inductors 121552
Bartolic, J., Bonefacic, D., Sipus, Z. Modified rectangular patches for self-oscillating active-antenna applications 108086
Bartolic, J., Sanford, J., Sipus, Z., Bonefacic, D. Voltage controlled self-oscillating microstrip patch antenna 97337
Bartolic, J., Sipus, Z., Bonefacic, D., Zentner, E. Modified rectangular patch radiator for microstrip active antennas 76597
Bartolic, J. *see* Bonefacic, D. 76572
Bartolic, J. *see* Zentner, R. 76511
Bartolini, P. *see* Barbaro, V. 70261
Bartolini, R., Giovannozzi, M., Scandale, W., Bazzani, A., Todesco, E. Precise measurement of the betatron tune 120058
Bartolucci, A.A. *see* Katholi, C.R. 103599
Bartolucci, E. Digital medical imaging with GaAs detectors 120352
Bartolucci, G., Giannini, F., Limiti, E., Marsh, S.P. Multiport equivalent circuit model of MIM capacitors [MMICs] 114315
Barton, A.S. *see* Monroe, C. 95896
Barton, C.J., Davies, J.H., Skuras, E., Holland, M.C., Long, A.R. Electron scattering in quantum wires 62931
Barton, D. *see* Wu, J. 110619
Barton, D.L., Osinski, M., Helms, C.J., Berg, N.H., Phillips, B.S. Life tests and failure analysis of AlGaN-InGaN-GaN blue light emitting diodes 96033
Barton, D.L. *see* Cole, E.I., Jr. 104969
Barton, D.L. *see* Helms, C.J. 96020
Barton, D.L. *see* Osinski, M. 96027
Barton, D.L. *see* Osinski, M. 116264
Barton, D.L. *see* Tangyunyong, P. 95139
Barton, I. *see* Bett, T.H. 85419
Barton, M., Hsing, T.R. Architecture for wireless ATM networks 88367
Barton, R. *see* Madden, S. 78846
Barton, S. *see* McAllister, A. 99993
Barton, S. *see* Wyatt-Millington, W. 77013
Barton, S.C. *see* Busby, J.S. 103366
Barton, S.K. *see* Alkussayer, H.M. 109500
Barton, S.K. *see* Wilkinson, T. 78068
Bartos, A.L., Gill, T.J., Jr., Lyon, T. Waveform mapping of piezoelectric transducer impulse responses for multi-transducer pattern recognition-based ultrasonic NDE systems 113595
Bartos, F.J. Sensorless vector drives strive for recognition.2 121442
Bartos, J. *see* Pincik, E. 63289
Bartos, R., Kannan, R., Lee, K.Y., Jordan, H.F. Distributed optical ATM switching architectures 78326
Bartoszewicz, A. Fast and robust robot control including motor dynamics 102742
Bartram, M.E., Moffat, H.K. GCMS and FTIR studies of by-product inhibited growth and the rate-limiting step in TEOS-based SiO_2 CVD 61394
Bartroli, J. *see* Munoz, J. 74925
Barts, T., Chou, W. The computer code bperm for wakepotential and impedance calculations 89945
Bartsch, H. *see* Schwesinger, N. 72895
Bartsch, K. EWSD—the power node for the world of telecommunications 118734
Bartsch, M., Weiland, T., Witting, M. Generation of 3D isosurfaces by means of the marching cube algorithm 65647
Bartsch, R.R. *see* Bowers, R.L. 81600
Bartsch, R.R. *see* Reass, W.A. 112172
Bartsch, R.R. *see* Wood, B.P. 61393
Bartscher, G., Breithaupt, J., Hill, B. ELPHI, a new approach to electrophoretic imaging 65719
Bartschi, B.Y., Morse, D.E., Woolston, T.L. The Spatial Infrared Imaging Telescope III 90692
Bartschi, D. *see* Etter, A. 98547
Bartschi, R., Furrer, J., Schneider, M., Vogel, H. Digital audio broadcasting (DAB): Today and tomorrow 119380
Bartucca, F., Biglieri, E. DS-SSMA capacity for a mobile satellite system 68148
Bartussek, R. *see* Zapata, I. 106690
Barty, C.P.J. Ten-femtosecond amplifier creates multiterawatt pulses 85434

Barty, C.P.J., Guo, T., Le Blanc, C., Raksi, F., Rose-Petruck, C., Squier, J.A., Wilson, K.R., Yakovlev, V.V., Yamakawa, K. Ultrashort pulse, ultrahigh peak power Ti:sapphire lasers 96233
Barty, C.P.J., Guo, T., Le Blanc, C., Raksi, F., Rose-Petruck, C., Squier, J.A., Wilson, K.R., Yakovlev, V.V., Yamakawa, K. Generation of 18-fs, multiterawatt pulses by regenerative pulse shaping and chirped-pulse amplification 65135
Barty, C.P.J. *see* Kane, S. 106774
Barty, C.P.J. *see* Lemoff, B.E. 65021
Barty, C.P.J. *see* Schafer, K.J. 107493
Barty, C.P.J. *see* Yamakawa, K. 107442
Bartynski, R.A. *see* Geelhaar, L. 105654
Bartynski, R.A. *see* Misra, D. 63322
Bartz, M.J. *see* Rasmussen, L.K. 77757
Baru, V.G. *see* Stepanov, G.V. 85261
Barua, A.K. Thin film solar cell technologies: potential for cost reduction of solar photovoltaic electricity 121877
Barua, A.K. *see* Bose, S. 94332
Barua, A.K. *see* Das, D. 74114
Barua, A.K. *see* Middya, A.R. 92899
Barua, S. Design of an optical sequential machine 75638
Barucca, G., Lucchetti, L., Majni, G., Mengucci, P., Murri, R., Pinto, N. Strain relaxation through islands formation in epitaxial Si-Ge thin films 113328
Baruch, E., Leviatan, Y. Analysis of quasiperiodic reflector antenna 108045
Barun, V.V. Detection of a small target against bottom of water reservoir 108654
Barun, V.V. Imaging of retroreflective objects under highly nonuniform illumination 117575
Barvinok, A.I. Two algorithmic results for the traveling salesman problem 72508
Barwald, W. *see* Hanuliak, I. 78075
Barwicz, A. *see* Bock, W.J. 69217
Barwicz, A. *see* Morawski, R.Z. 108284
Barwicz, A. *see* Shi Huang 69055
Barwicz, A. *see* Shi Huang 109973
Barwicz, A. *see* Szczecinski, L. 108391
Barysheva, N.M., Bochkov, A.V., Bochkova, N.V., Grebenkin, K.F., Zaitsev, E.V., Lutsenko, A.V., Kryzhanovski, V.A., Magda, E.P., Murzin, V.M., Neznakhina, A.E. First nuclear-pumped ultraviolet laser 116331
Baryshevsky, V.G., Batrakov, K.G., Dubovskaya, I.Ya. Parametric X-ray FEL operating with external Bragg reflectors 96529
Baryshnikov, F.F. The use of intrinsic synchrotron radiation to illuminate a photo-injector cathode in a cyclic free-electron laser 65376
Baryshnikov, F.F., Bogatova, G.A., Cheburkin, N.V., Kalinin, Y.A., Markov, L.A., Perebejnos, V.V. Broad band tunable Fabry-Perot cavity for infrared range 116578
Baryshnikov, F.F., Bogatova, G.A., Perebeinos, V.V. New class of optical cavities for high-power free-electron lasers 65384
Baryshnikov, F.F., Bogatova, G.A., Perebeinos, V.V., Cheburkin, N.V. Crossed groove resonators as a new class of optical resonators for free-electron lasers 96440
Baryshnikov, F.F., Bogatova, G.A., Perebeinos, V.V., Cheburkin, N.V. On the fundamental mode of a cross-grooved resonator 96575
Baryshnikov, V.I., Kolesnikova, T.A. Tunable visible laser based on a sapphire crystal with colour centres 116449
Baryshnikov, V.I., Sarukura, N., Segawa, Y. Solid state tunable lasers with nanosecond flash lamp pumping 107175
Barzaghi, A. *see* Riccio, C. 119378
Barzanti, L.J. *see* Danson, C.N. 85429
Barzic, R., Bouville, C., Charot, F., Le Fol, G., Lemmonnier, P., Wagner, C. MOVIE: a hardware building block for software-only real time video processing 83133
Barzohar, M., Cooper, D.B. Automatic finding of main roads in aerial images by using geometric-stochastic models and estimation 97883
Basa, C. *see* Hu, Y.Z. 82752
Basa, D. Toll-free services—Infolinia 800 98601
Basaglia, A., Fornaciari, W., Salice, F. Correct implementation of digital neural networks 73614
Basak, A., Shirazee, N., Nakata, T., Takahashi, N. Optimisation of permanent-magnet lifting devices using finite element analysis 112569
Basak, A. *see* Dalton, J.J. 69451
Basak, A. *see* Filho, A.F.F. 102757
Basak, B. *see* Biswas, S.J. 112095
Basalykas, A. The expected probability of misclassification of linear zero empirical error classifier 117772
Basanez, L. *see* Garcia, M.A. 66651
Basarab, M.A. *see* Kulish, S.N. 100032
Basarab-Horwath, I. *see* Booth, M.J. 100390
Basaran, B., Rutenbar, R.A. An O(n) algorithm for transistor stacking with performance constraints 84589
Basaran, B., Rutenbar, R.A. Efficient area minimization for dynamic CMOS circuits 113865
Basart, J.P., He, L.X., Appleton, P.N., Pedelty, J.A. Improvements in filter design for removing Galactic cirrus from IRAS images 73555
Basart i Munoz, J.M. *see* Guitart i Colom, P. 98771
Basavaraju, S. *see* Mydlow, M.W. 109450
Basbug, F. *see* Erdol, N. 104705
Basceri, C. *see* Kingon, A.I. 113945
Baschirotto, A., Castello, R., Gola, A., Onado, C., Pessina, G., Rancoita, P.G., Redaelli, M., Seidman, A. Radiation damage study of a fast bipolar monolithic charge sensitive preamplifier 95215
Baschirotto, A., Nagari, A., Montecchi, F., Castello, R. Design considerations for a 10.7 MHz BiCMOS high-Q double-sampled SC bandpass filter 114069
Baschirotto, A. *see* Acciarri, M. 120165
Bascle, B., Blake, A., Zisserman, A. Motion deblurring and super-resolution from an image sequence 67312
Basco, R., Prabhu, A., Yngvesson, S., Kei May Lau Monolithic integration of a 94 GHz AlGaAs/GaAs 2DEG mixer on quartz substrate by epitaxial lift-off 62284
Bascom, E.C., III., Stewart, J.R., Tang, L.Y. Evaluation of pulling rope wear and coefficient of friction for pipe-type cables 121170
Bascom, P.A.J., Cobbold, R.S.C. Origin of the Doppler ultrasound spectrum from blood 70041
Bascope, G.V.Torrico *see* Torrico Bascope, G.V.
Bascunan, J. *see* Kalafala, A.K. 102820
Basdogan, C. *see* Delp, S.L. 80430
Basedau, P., Qiuting Huang, Paul, O., Baltes, H. Isolating analog circuits from digital interferences 93606
Baselli, G. *see* Korhonen, I. 110662
Baselli, G. *see* Korhonen, I. 110663
Baselt, D.R., Lee, G.U., Colton, R.J. Biosensor based on force microscope technology 69337
Basha, A.M., Janardhanan, P., Muraleedharan, M. PC based protective relaying algorithms for bus bars using digital filters 102240
Basha, H. *see* Xu, X. 80529
Bashandy, A.R. *see* Darwish, A.M. 66888
Bashar, S.A., Rezazadeh, A.A. Characterisation of transparent ITO emitter contact InP/InGaAs heterojunction phototransistors 64926
Bashaw, M.C. *see* Furukawa, Y. 76217
Bashaw, M.C. *see* Heanue, J.F. 116011
Bashaw, M.C. *see* Taya, M. 75395
Bashaw, M.C. *see* Taya, M. 95796
Bashchenko, A.P. *see* Kruglov, V.S. 72963
Bashford, A.G., Hutchins, D.A., Schindel, D.W. Radiated fields of an air-coupled ultrasonic capacitance transducer 101599
Bashford, A.G. *see* Hutchins, D.A. 111385
Bashir, R., Chen, D., Hebert, F., DeSantis, J., Ramde, A., Hobrecht, S., You, H., Maghsoudnia, P., Meng, P., Razouk, R.R. A 85 volt high performance silicon complementary bipolar technology for high voltage analog applications 63902
Bashir, R., Hebert, F. PLATOP: a novel planarized trench isolation and field oxide formation using poly-silicon 84529
Bashir, R. *see* Sherman, J.M. 63412
Bashkansky, M., Battle, P.R., Duncan, M.D., Kahn, M., Reintjes, J. Subsurface defect detection in ceramics using an optical gated scatter reflectometer 82802
Bashkansky, M. *see* Battle, P.R. 72982
Bashkin, A.S., Boreisho, A.S., Lobachev, V.V., Moshkov, V.L., Fedorov, I.A. Optical homogeneity of the active media of CW chemical HF(DF) lasers 75810
Bashkin, M.O., Chegnova, O.I., Emelyanov, A.V., Poltoratsky, E.A., Samsonov, N.S. Principles of the construction of the low-temperature "combine" processes for the silicon-thin films systems creation 72934
Bashlakov, A.U. *see* Proklov, V.V. 95887
Bashter, I.I., El-Sayed Abdo, A., Makarious, A.S. A comparative study of the attenuation of reactor thermal neutrons in different types of concrete 71096
Basiev, T.T. *see* Orlovskii, Yu.V. 96188
Basile, A. *see* Capece, P. 66179
Basile, C. *see* Balakrishnan, M. 99770
Basile, G., Pierantoni, M., Pirani, S., Rinaldi, M., Varosi, S. Attitude compensated electronic compass for aircraft navigation 70384
Basile, G., Pirani, S., Rinaldi, M., Varosi, S. A novel method for aircraft attitude estimation using magnetic field sensors and dynamic modeling 111059
Basile, M. *see* Comani, S. 80393
Basili, A. *see* Dal Fiume, D. 101038
Basili, P. *see* Pierdicca, N. 90807
Basinger, S.A. *see* Brady, D.J. 96843
Basini, G. *see* Barbiellini, G. 69722
Basiony, A.E. *see* ElAyadi, M.H. 97740
Basistiy, I.V. *see* Soskin, M.S. 85742
Baskar, K., Soga, T., Jimbo, T., Umeno, M. Growth of high quality $Al_{0.22}Ga_{0.78}As$ layers on Si substrates by metalorganic chemical vapor deposition 113381
Baskar, K. *see* Jothilingam, R. 83846
Basker, S., Casewell, I.E. Time and clock issues within WADGPS 79076
Baskeshli, K., Mehrshahi, E. Profile reconstruction of inhomogeneous refractive indices using genetic algorithms 107860
Baskin, L.M., Fursey, G.N. Field emission from semiconductors 73924
Baskin, L.M. *see* Fursey, G.N. 73955
Baskurt, A. *see* Robini, M.C. 104214
Baskurt, O.K. Deformability of red blood cells from different species studied by resistive pulse shape analysis 70115
Basler, M., Krech, W., Platov, K.Yu. Antiphase locking in a two-dimensional Josephson junction array 115911
Basler, M.J. *see* Godhwani, A. 111931
Basmaji, P. *see* Gusev, G.M. 62876
Basmaji, P. *see* Gusev, G.M. 63032
Basmaji, P. *see* Gusev, G.M. 74426
Basmaji, P. *see* Lubyshev, D.I. 72780
Basol, B.M., Kapur, V.K., Halani, A., Leidholm, C.R., Sharp, J., Sites, J.R., Swartzlander, A., Matson, R., Ullal, H. Cu(In,Ga)Se_2 thin films and solar cells prepared by selenization of metallic precursors 104093
Basol, B.M., Kapur, V.K., Leidholm, C., Halani, A., Minnick, A. Studies on thin film CI(G)S solar cells and modules 112336
Basol, B.M., Kapur, V.K., Leidholm, C.R., Halani, A., Gledhill, K. Flexible and light weight copper indium diselenide solar cells on polyimide substrates 121883
Basore, P.A. *see* Cuevas, A. 114559
Basov, N.G., Dianov, E.M., Kozlovsky, V.I., Krysa, A.B., Nasibov, A.S., Popov, Yu.M., Prokhorov, A.M., Trubenko, P.A., Shcherbakov, E.A. Laser cathode-ray tubes using multilayer heterostructures 94206
Basov, V., Konovalov, I.N. Electric-discharge XeCl laser with 4% efficiency and 14 J output energy 116348
Basri, R. Paraperspective≡affine 108430
Basri, R., Weinshall, D. Distance metric between 3D models and 2D images for recognition and classification 66940
Basrour, S., Ballandras, S., Hauden, D. LIGA technique application in micro-optics 72273
Bass, F.G., Panchekha, A.P., Yevtushenko, O.M. Low-frequency phenomena in semiconductors in high-frequency EM fields 74386
Bass, J. *see* Ruffle, R. 102594
Bass, J.H. Estimating the true value of a wind farm 102546
Bass, M. *see* Zhang, X.X. 96183
Bass, R. *see* Boos, J.B. 106061
Bass, R. *see* Koka, R. 115687
Bass, R.M. *see* Lehman, B. 81568
Bass, R.M. *see* Yunus, H.I. 121729
Bassalygo, L.A., Burnashev, M.V. Authentication, identification, and pairwise separated measures 117250
Bassalygo, L.A., Gelfand, S.I., Golulev, G.K., Dobrushin, R.L., Prelov, V.V., Sinay, Ya.G., Khas'minskii, R.Z., Yaglom, A.M. Review of scientific achievements of M.S. Pinsker 117123
Bassan, M. *see* Sardella, A. 79530
Bassanese, E. *see* Popovic, P. 75688
Bassani, F., Vervoort, L., Mihalcescu, I., Vial, J.C., D'Avitaya, F.A. Fabrication and optical properties of Si/CaF_2(111) multi-quantum wells 62892
Bassani, F. *see* Buczko, R. 94552
Bassani, F. *see* Czajkowski, G. 94549
Bassano, D.A. *see* Krol, A. 90484
Bassas, J. *see* Lopez-Villegas, J.M. 94304
Basset, J.R. *see* Raicu, D. 62336
Basset, O. *see* Hernandez, A. 69975
Basset, O. *see* Hernandez, A. 90371
Bassett, I.M. *see* Coghill, P. 100075
Bassett, I.M. *see* Stepanov, D.Y. 75462
Bassett, I.M. *see* Stepanov, D.Y. 75859
Bassett, L.W. *see* Thiele, D.L. 80207
Bassett, R.J. *see* Ballad, J.P. 70823
Bassetti, M., Biscari, C. Analytical formulae for magnetic multipoles 100772
Basseville, M., Benveniste, A., Mathis, G., Zhang, Q. Monitoring the combustion set of a gas turbine 111788
Basseville, M., Cardoso, J.-F. On entropies, divergences, and mean values 66211
Bassi, P. *see* Bellanea, G. 113266
Bassi, P. *see* Massini, C. 99588
Bassier, G. *see* Gautheron, O. 68499
Bassily, E., Capolino, G.A., Henao, H., Poloujadoff, M. Simulation of switched reluctance motor back-EMF compensation 111912
Bassini, R., Boiano, C., Brambilla, S., Cevoli, R., Malatesta, M. A VMEbus based data acquisition system for a multi-element detector array 88942
Bassini, R., Boiano, C., Brambilla, S., Cevoli, R., Malatesta, M. A VMEbus based data acquisition system for a multi-element detector array 100963
Bassino, F. Star-height of an N-rational series 60991
Bassiouni, M.A. *see* Kalathur, R. 67928
Bassler, H. *see* Arkhipov, V.I. 94433
Bassler, H. *see* Khramtchenkov, D.V. 85310
Bassler, H. *see* Redecker, M. 85299
Bassler, H. *see* Tak, Y.H. 96040
Bassler, H. *see* Vestweber, H. 85315
Bassler, M. *see* Pensl, G. 105224
Basso, A., Mattavelli, M., Pustzaszeri, Y.-H., Hubaux, J.-P., Kunt, M. Remote teaching by multimedia communications: the BETEL project 67912
Basso, A. *see* Fernandez, C.L. 86584
Basso, A.R. *see* Padilha, A. 101661
Basso, M. *see* Stanghini, M. 75815
Basso, M.-T. *see* Chollet, J.-P. 105822
Basso, M.-T. *see* Kalnitsky, A. 63700

Bassora, L.A. *see* Negreira, C.A. 106367
Bast, C. Hewlett-Packard's self-assessment procedure for product stewardship 72364
Bastard, P. *see* Assef, Y. 121138
Bastard, P. *see* Chaari, O. 111594
Bastawros, A.-F., Kim, K.-S. Electro-thermal crack growth caused by electric-current intensification 115038
Basten, M.A., Booske, J.H., Anderson, J., Joe, J., Scharer, J.E. Magnetic quadrupole formation of low-voltage sheet electron beams for high-power microwave devices 62629
Basten, M.A. *see* Anderson, J. 62630
Basten, M.A. *see* Joe, J. 62628
Basten, M.A. *see* Levush, B. 62582
Basti, G., Campanelli, M., Cavallari, F., De Notaristefani, F., Diemoz, M., Faccini, R., Ferroni, F., Iaciofano, A., Leonardi, E., Longo, E., Organtini, G., Paoletti, S., Boucham, A., Camberlin, B., Karyotakis, Y., Lesueur, J., Cecchi, C., Lebeau, M., Tsipolitis, Y. The L3 lead-scintillating fiber calorimeter 90164
Bastiaans, M.J., Geilen, M.C.W. On the discrete Gabor transform and the discrete Zak transform 77051
Bastiaans, M.J. *see* Van den Bulck, P. 96778
Bastiaens, H.M.J. *see* Peters, P.J.M. 107099
Bastian, C. Real-time multiparametric analysis in a single processor 99876
Bastian, G., Von Plessen, G., Feldmann, J., Hader, J., Marschner, T., Stolz, W., Gobel, E.O. Optical bistability in symmetrically strained (GaIn)As/Ga(PAs) superlattices 83940
Bastian, T. *see* Boulin, C. 93419
Bastianello, S. *see* Angrilli, F. 110215
Bastida, E.M., Antolini, P., Castelli, A., Donzelli, G.P., Gabbrielli, B., Longari, C., Rasa, F., Scopelliti, L. High efficiency and power ion implanted MESFET devices 62275
Bastidas, J.M. *see* Galvan, J.C. 62458
Bastide, G. *see* Syrkin, A.L. 103995
Bastie, J. *see* Kohler, R. 89079
Bastie, J. *see* Touayar, O. 89081
Bastien, F. *see* El Habti, A. 84755
Bastien, F. *see* El Habti, A. 106410
Bastien, F. *see* Manceau, J.F. 95300
Bastien, S. *see* Khodabakhchian, B. 111822
Bastin, G. *see* Carrette, P. 108315
Basting, D., Endert, H., Patzel, R., Nikolaus, B. The excimer laser: innovation in industrial material processing 107072
Bastos, A.Joao *see* Joao Bastos, A.
Bastos, J., Steyaert, M., Graindourze, B., Sansen, W. Influence of die attachment on MOS transistor matching 115192
Bastos, J., Steyaert, M., Graindourze, B., Sansen, W. Matching of MOS transistors with different layout styles 115334
Bastos, J., Steyaert, M., Sansen, W. A high yield 12-bit 250-MS/s CMOS D/A converter 114032
Bastos, J.P.A., Busatta, T.C. Expert meshing: an alternative technique for the auto-adaptive methods 96914
Bastos, J.P.A., Cabreira, M.F.R.R., Sadowski, N., Arruda, S.R., Nau, S.L. Thermal analysis of induction motors using a weak coupled modelling 102721
Bastos, J.P.A. *see* Kuo-Peng, P. 107805
Bastos, J.P.A. *see* Sadowski, N. 71356
Bastos, T.F., Calderon, L., Martin, J.M., Ceres, R. Ultrasonic sensors and arc welding–a noisy mix 90864
Bastunskii, A.M. *see* Sarach, B.M. 103063
Basu, A. A novel bridge method measurement 119831
Basu, A., Banerji, D.K., Basu, A., Wilson, T.C., Majithia, J.C. A modified approach to test plan generation for combinational logic blocks 93275
Basu, A. *see* Basu, A. 93275
Basu, A. *see* Chung-Yi Lee 85971
Basu, A. *see* Elnagar, A. 117858
Basu, A. *see* Mitra, R.S. 61860
Basu, A. *see* Sahabit, H. 67409
Basu, A. *see* Sarkar, S. 95154
Basu, A. *see* Southwell, D. 86777
Basu, A.N. *see* Ghosh, A.K. 106661
Basu, B. *see* Wang, P. 62623
Basu, B.N. *see* Ghosh, S. 83765
Basu, B.N. *see* Ghosh, S. 114540
Basu, B.N. *see* Rao, S.J. 62640
Basu, D. *see* Chatterjee, S. 76487
Basu, K., Zhu, Y., Lakshminarayan, M. Microcell technology solution for wireless local loop applications 98920
Basu, K. *see* Grandhi, S.A. 109484
Basu, K. *see* Molina, C. 109527
Basu, K. *see* Yixin Zhu 118045
Basu, M., Maity, A.B., Maiti, B., Chaudhuri, S., Pal, A.K. Photoconductivity of amorphous hydrogenated carbon films prepared by plasma CVD of acetylene 105117
Basu, P.K. Excitons in quantum confined systems: physics and photonic device applications 116153
Basu, P.K., Chakravarty, B.C., Singh, S.N., Dutta, P., Kesavan, R. Measurement of shallow dopant impurity profile in silicon using anodic sectioning and Lange method of Hall measurement 114867
Basu, P.K. *see* Ashokan, R. 106983
Basu, P.K. *see* Bandyopadhyay, A. 64773
Basu, P.K. *see* Chakravarty, B.C. 91752
Basu, P.K. *see* Dhar, V. 75733
Basu, P.K. *see* Kal, S. 105118
Basu, P.K. *see* Kal, S. 106183
Basu, P.K. *see* Pal, R. 110207
Basu, P.K. *see* Rama Mohana Rao, B.V. 106952
Basu, P.K. *see* Singh, R. 110167
Basu, R.N. *see* Chakraborty, A. 81840
Basu, S., Mukherjee, A., Klivansky, S. Time series models for internet traffic 87789
Basu, S., Pence, J.E. Recent advances in wafer probing technology 79678
Basu, S. *see* Adhikari, T. 105231
Basu, S. *see* Deb, N.K. 111888
Basu, S. *see* Mukhopadhyay, M. 83824
Basu, S. *see* Sundar, R.M. 110871
Basu, S.G. *see* Prasad, S.N. 70302
Basu, S.K. *see* Bhattacharya, S. 119520
Basu, S.K. *see* Mitra, M. 60717
Basu, S.Kumar *see* Kumar Basu, S.
Basu, S.P. *see* Engelhardt, J.S. 121190
Basu, S.P. *see* Hoppe, F.J. 121169
Basu, T.K. *see* Holambe, R.S. 108578
Basuray, A. *see* Bhadra, S.K. 104253
Batalama, S.N., Kazakos, D. On the robust estimation of the autocorrelation coefficients of stationary sequences 117318
Batalama, S.N., Pados, D.A. Blind real-time low-complexity receivers for DS-CDMA mobile users 88208
Batalov, A.A. *see* Babintsev, V.V. 120185
Batalov, N.N., Zheltonozhko, O.V. Investigations in the field of high temperature lithium storage batteries 112243
Batalov, N.N. *see* Yolshin, A.N. 112224
Batalov, N.N. *see* Zakharov, V.V. 112192
Batalov, N.N. *see* Zheltonozhko, O.V. 112242
Batan, T. *see* Lin, D. 81447
Batard, C. State space models of diode and bipolar transistor for simulation of power converters 121710
Batarin, V.A. *see* Antipov, Yu.M. 69794
Batarseh, I., Gonzalez, A., Qu, Z., Khan, A. Proposed power electronics curriculum 104345
Batarseh, I., Kemnitz, D.A. Undergraduate education in power electronics 60486
Batarseh, I., Megalemos, C., Sznaier, M. Small signal analysis of the LCC-type parallel resonant converter 61595
Batarseh, I. *see* Bonsall, A. 61650
Batarseh, I. *see* Gonzalez, A.J. 111427
Batarseh, I. *see* Hawasly, S. 112126
Batarseh, I. *see* Khan, A. 71549
Batarseh, I. *see* Khan, A. 93129
Batarseh, I. *see* Khan, A. 121724
Batarseh, I. *see* Kornetzky, P. 112064
Batarseh, I. *see* Moussaoui, Z. 111539
Batarseh, I. *see* Qian, J. 71550
Batarseh, I. *see* Siri, K. 71488
Batarseh, I. *see* Song, J. 112063
Batarseh, I. *see* Yue, Y. 95004
Batarseh, I. *see* Yue, Y. 105961
Batarseh, I. *see* Zaki, M. 71552
Batarseh, L. *see* Khan, A. 112125
Batay, L.E., Kuzmin, A.N., Ryabtsev, G.I. Holographic microinterferometric technique for measurements of laser diode cavity deformations 76085
Batazova, M. *see* Leblond, B. 62647
Batchelder, A. *see* Wheeler, C. 92075
Batchelder, R. *see* Deis, G. 106719
Batchelder, W.T. *see* Parodi, M.L. 89456
Batchelor, A., Ochieng, W.Y., Vooght, A.E. Design features of D-GNSS reference stations 88776
Batchelor, A.R., Postoyalko, V. Integral heat sink analysis for two-terminal microwave oscillator devices 83359
Batchelor, B.G. *see* Jones, A.C. 97951
Batchelor, D.B. *see* Swain, D.W. 76576
Batchelor, J.C., Langley, R.J. Microstrip annular ring slot antennas for mobile applications 108023
Batchelor, K. *see* Palmer, D.T. 89709
Batchelor, K. *see* Palmer, D.T. 100527
Batchelor, K. *see* Qiu, X. 69654
Batchelor, K. *see* Qiu, X.Z. 100561
Batchelor, K. *see* Qiu, X.Z. 100988
Batchelor, K. *see* Wang, X.J. 89699
Batchelor, K. *see* Wang, X.J. 96485
Batchelor, R.A. Recent MMIC developments in Australia 83518
Batchelor, S., Oven, R., Ashworth, D.G. Reconstruction of refractive index profiles from multiple wavelength mode indices 106840
Batchelor, S. *see* Patel, R. 80523
Batchelor, S. *see* Throckmorton, J. 87739
Batcher, K.E. *see* Gocal, B.M. 73078
Batchevsky, R.S., Muravsky, L.I., Stefansky, A.I., Fitio, V.M. Investigation of a joint transform correlator's characteristics at binary pattern recognition 86909
Batchko, R.G. *see* Miller, G.D. 96682
Batdalov, A.B. *see* Palchaev, D.K. 62661
Bateman, A., Chan, K.Y., McGeehan, J.P., Kenington, P. Highly efficient linear power amplifiers for narrowband communications 73122
Bateman, A., Kenington, P., McGeehan, J.P., Beach, M. Multi-mode linear transceiver design 78491
Bateman, A. *see* Kenington, P.B. 73118
Bateman, A. *see* Kenington, P.B. 73121
Bateman, A. *see* Mansell, A.R. 73127
Bateman, E. *see* Peigneux, J.P. 120164
Bateman, K. *see* Oehlberg, R.N. 71047
Bateman, L.S. *see* Willkens, C.A. 112620
Batenkov, A.A., Voronin, V.A., Glushankov, E.I. Block coding of a source for transmission of conditional trains using a digital channel with noises 108179
Bates, J.B., Hart, F.X., Lubben, D., Kwak, B.S., van Zomeren, A. Cathode limited charge transport and performance of thin-film rechargeable lithium batteries 81689
Bates, J.B. *see* Owens, B.B. 81688
Bates, J.R. *see* Miles, R.W. 94587
Bates, M.R. *see* Feit, C.M. 79084
Bates, P.C. Ultra low noise signature characterization for better systems design 88079
Bates, R., D'Auria, S., Da Via, C., Gowdy, S., O'Shea, V., Raine, C., Smith, K.M., Beaumont, S.P. Gallium arsenide microstrip detector and pixel detector developments 80029
Bates, R., D'Auria, S., Gowdy, S., O'Shea, V., Raine, C., Smith, K. Model of charge transport in semi-insulating undoped GaAs microstrip detectors 120148
Bates, R.A., Wynn, H.P. Tolerancing and optimization for model-based robust engineering design 61546
Bates, R.L., Buttar, C., D'Auria, S., Del Papa, C., Gowdy, S.J., Manolopoulos, S., O'Shea, V., Sloan, T., Raine, C., Smith, K.M., Thomson, F.K. GaAs microstrip testbeam results 120142
Bates, R.L., D'Auria, S., Gowdy, S.J., O'Shea, V., Raine, C., Smith, K.M. Noise spectra of GaAs pad detectors with guard rings 120149
Bates, S.J., Dezillie, B., Furetta, C., Glaser, M., Lemeilleur, F., Leon-Florian, E. Proton irradiation of various resistivity silicon detectors 90122
Bates, S.J., Dezillie, B., Furetta, C., Glaser, M., Lemeilleur, F., Leon-Florian, E. Proton irradiation of various resistivity silicon detectors 110607
Batey, J. *see* Fryer, P.M. 89321
Batey, J. *see* Tsujimura, T. 89268
Bathaee, S.M.T., Abedi, M., Golpayegani, S.M.R.H. Stochastic optimal load frequency control and economic dispatch of multiarea power system 101867
Bathey, K., Swaminathan, M., Smith, L.D., Cockerill, T.J. Noise computation in single chip packages 60612
Batignani, G. *see* Mours, B. 100821
Batignani, G. *see* Mours, B. 120196
Batishchev, O.V. *see* Batishcheva, A.A. 82555
Batishcheva, A.A., Batishchev, O.V., Krasheninnikov, S.I., Sigmar, D.J., Koniges, A.E., Craddock, G.G., Djordjevic, V. Massively parallel Fokker-Planck code ALLAp 82555
Batista, A.J. *see* Fagundes, J.C.S. 102886
Batista, C.D., Aligia, A.A. Indications for RVB superconductivity in a generalized t-J model for the cuprates 103586
Batista, T.V., Rodriguez, N.L.R., Soares, L.F.G., Resende, M.C. Hypermedia mail over WWW 118633
Batistela, N.J. *see* Kuo-Peng, P. 107805
Batke, E. *see* von Truchsess, M. 74409
Batley, S.L., Twidell, J.W. Institutional and commercial factors affecting the integration of small embedded wind turbines into weak rural UK grids 91416
Batman, S., Dougherty, E.R. Granulometric estimation of distorted shapes 77353
Batovrin, V.K., Blumin, M., Fakete, D., Lukyanov, V.N., Lyubarsky, A.V., Plyavenek, A.G., Semenov, A.T., Shydlovsky, V.R., Shramenko, M.V., Yakubovich, S.D. Power, spectrum and polarization behaviour of SQW superluminescent diodes 64966
Batovrin, V.K., Semenov, A.T., Shramenko, M.V., Yakubovich, S.D. Emission dynamics of multifunctional segmented laser diode 65250
Batovrin, V.K., Zverkov, M.V., Konyaev, V.P., Krichevskii, V.V., Shramenko, M.V., Yakubovich, S.D. Generation of picosecond visible pulses in an inhomogeneously excited (GaIn)P heterolaser 107331
Batoz, J.L. *see* Bouabdallah, M.S. 61092
Batra, A., Barry, J.R. Blind cancellation of co-channel interference 76491
Batra, R.C., Liang, X.Q. Vibrations of rectangular laminated plates with embedded sensors and actuators 92975
Batrakov, A.V., Popov, S.A., Proskurovskii, D.I. Sources of pulsed low-energy electron beams based on the explosive-emission liquid-metal cathodes 110523
Batrakov, K.G. *see* Baryshevsky, V.G. 96529
Batruni, R., Degeneff, R.C., Lebow, M.A. Determining the effect of thermal loading on the remaining useful life of a power transformer from its impedance versus frequency characteristic 102786
Batsell, S. *see* Billhartz, T. 87435
Batshone, F.L., Khanniche, M.S. AC chopper with near unity power factor 102830
Batskikh, G., Mamaev, G., Latypov, T., Tenyakov, I., Tereshkin, Y., Heilbrunn, W. MEB resistive magnet prototype manufacturing 89811
Batskikh, G.I. *see* Murin, B.P. 89773
Batson, G. Powering the network. Broadband network technology: a natural 98555

Batt, P. The Net comes to life: Java and VRML extend the World Wide Web into an advantageous mass-media network 77973
Batt-Rawden, P. Modern mapping in Norway 67447
Battaglia, A., Fallica, G., Percolla, G., Raineri, V. Gettering of metals by voids in silicon devices 63241
Battaglia, M. *see* Adam, W. 69709
Battaglia, M. *see* Adam, W. 69735
Battaglia, M.P. Parallelism for imaging applications 67211
Battaglin, G. Formation and chemical-physical characterization of metallic nanoclusters in ion-implanted silica 116716
Battaglin, G. *see* De Marchi, G. 75387
Battaglin, G. *see* Mazzoldi, P. 85678
Battail, G. Pseudo-random turbo-codes 86118
Battaiotto, P.E., Mantz, R.J., Puleston, P.F. A wind turbine emulator based on a dual DSP processor system 111857
Battati, R., Tecchiolli, G. The continuous reactive tabu search: blending combinatorial optimization and stochastic search for global optimization 82447
Batten, M. *see* Tsai, M.C. 88700
Batth, P.S. The electricity market place–the Pool 70663
Battiato, J.M., Stone, T.W., Murdocca, M., Bussjager, R.J. Free space optical system based on vertical cavity surface emitting lasers and self-electro-optic effect devices 116157
Battig, R., Anthamatten, O., Vogel, P. REMO: an optical duplexer without light source 88471
Battig, R.K., Anthamatten, O., Valk, B. A reflective modulator based on silicon micromechanics 68362
Battigalli, P. Strategic rationality orderings and the best rationalization principle 72455
Battini, F. *see* Colaitis, M.-J. 77509
Battista, P. *see* Catelani, M. 111150
Battistelli, L., Geri, A., Veca, G.M. Stress analysis during fast SC dipole magnet quenching 121902
Battiston, R. *see* Anticic, T. 90166
Battle, J. *see* Takayanagi, T. 73424
Battle, P.R., Bashkansky, M., Mahon, R., Reintjes, J. Subsurface defect detection in ceramic materials using optical gating techniques 72982
Battle, P.R. *see* Bashkansky, M. 82802
Battuello, M., Ricolfi, T., Wang, L. Realization of the ITS-90 above 962°C with a photodiode-array radiation thermometer 69187
Batty, M. *see* Dolny, G. 69396
Batty, W. *see* Cole, B.E. 105186
Baturina, T.I., Borodovski, P.A., Studenikin, S.A. Microwave waveguide method for the measurement of electron mobility and conductivity in GaAs/AlGaAs heterostructures 105273
Baturitsky, M.A., Dvornikov, O.V. Multichannel monolithic front-end system design. Part I. Peculiarities of the monolithic transistor application in head stages. Construction and operation mode optimization 120222
Baturitsky, M.A., Dvornikov, O.V., Emeliantchik, I.F., Golutvin, I.A., Mikhailov, V.A., Solin, A.V. Front-end IC for a muon spectrometer with cathode strip chambers 120224
Baturitsky, M.A., Dvornikov, O.V., Reutovich, S.I., Solomashenko, N.F. Multichannel monolithic front-end system design. Part II. Microwave bipolar-JFET process for low-noise charge-sensitive preamplifiers 120223
Baturone, I. *see* Huertas, J.L. 73460
Batyaev, I.M., Kleshchinov, E.B. Sensitization of ytterbium luminescence by trivalent titanium ions in aluminosilicate phosphate glass 95970
Batyaev, I.M., Kobezhikov, Y.G. Physicotechnical properties of a new promising material for tunable lasers $Al(PO_3)_3$:Ti^{3+} 96186
Batygin, Y., Goto, A., Yano, Y. Hollow beam profile in the extraction system of ECR ion source 90090
Batygin, Y.K. Invariability of intense beam emittance in nonlinear focusing channel 90019
Batygin, Y.K. *see* Bruhwiler, D. 90020
Batyrbekov, G.A. *see* Arinkin, F.M. 111060
Batz, O., Kraft, U., Lindemer, W., Reichel, H. Design and implementation of the MIRAS digital correlator 111175
Bau-Tong Dai *see* Chi-Wen Liu 63270
Bau-Tong Dai *see* Huang-Chung Cheng 84163
Baubinas, R., Vaitkus, J., Barauskaite, L., Dapkus, L. Orientation of native planes of CdSe single crystals grown from the vapor phase 72750
Bauch, L., Jagdhold, U., Bottcher, M., Mehlib, G. Diffusion limitations in high resolution lithography 105799
Bauch, T. *see* Gross, R. 64557
Bauck, J., Cooper, D.H. Generalized transaural stereo and applications 119509
Baud, L., Billon, T., Lassagne, P., Jaussaud, C., Madar, R. Low contact resistivity W ohmic contacts to n-type 6H-SiC 105476
Baude, P.F., Guha, S., Haase, M.A., Meis-Haugen, G., Law, K.K., Miller, T.J., Buijs, M., Haberern, K., Marshall, T., Pashley, M., Pettruzello, J. Advances in blue-green laser diodes 65244
Baude, P.F., Haase, M.A., Haugen, G.M., Law, K.K., Miller, T.J., Smekalin, K., Phillips, J., Bhattacharya, P. Conduction band offsets in CdZnSSe/ZnSSe single quantum wells measured by deep level transient spectroscopy 74430
Baude, P.F. *see* Buijs, M. 85513
Baude, P.F. *see* Polla, D.L. 69178
Baudendistel, K.T. *see* Wiener, E. 101272
Bauder, F. *see* Roberts, G. 90696
Baudez, G., Georges, P., Henriet, A., Vrignaud, L.-C. Traffic and safety improvements by new communication tools: short range communication (infrared) and RDS 98904
Baudin, J. *see* Laugier, A. 109987
Baudois, D. *see* Petit, F. 97714
Baudouin, S., Hosten, B. Immersion ultrasonic method to measure elastic constants and anisotropic attenuation in polymer-matrix and fiber-reinforced composite materials 92984
Baudouy, B.J.P. *see* Bonito Oliva, A. 95560
Baudrand, D. The role of electroless nickel in multi-chip module (MCM-C) fabrication 83664
Baudrand, H. *see* Azizi, M. 107975
Baudrand, H. *see* Bouzidi, F. 114186
Baudrand, H. *see* Elajmi, M. 66062
Baudrand, H. *see* Gomes Neto, A. 93680
Baudrand, H. *see* Guillot, P. 62200
Baudrand, H. *see* Guillot, Ph. 65951
Baudrand, H. *see* Roturier, B. 65798
Baudrand, H. *see* Yagoub, M.C.E. 61580
Baudrand, H. *see* Yagoub, M.C.E. 93830
Baudry, L. *see* Thobel, J.L. 94463
Baudry, N., Calmant, S. Seafloor mapping from high-density satellite altimetry 111248
Baudry, N. *see* Calmant, S. 111247
Bauduin, B., Wallon, J., Riviere, D., Boulaire, J.Y. Highlighting of two types of defects in 1300 nm PBC laser diodes 116474
Bauduin, B. *see* Wallon, J. 96308
Bauduin, F. *see* Arreguit, X. 79543
Bauer, A., Oeverdiek, H., Gesang, T., Schafer, H. Conductive adhesive joints with non-conductive adhesives for fine-pitch SMT-applications 112905
Bauer, A. *see* Kunstmann, T. 104041
Bauer, A.J., Burte, E.P. High quality 4 nm gate dielectrics prepared at low pressure in oxygen and nitrous oxide atmospheres 105657
Bauer, B. *see* Gernhaeuser, R. 69126
Bauer, B. *see* Zeitelhack, K. 69712
Bauer, B.S. *see* Rhodes, M.A. 85085
Bauer, C. Package assembly technology directions 72282
Bauer, C. Package assembly technology directions 82253
Bauer, C. Benchmarking chip-scale packages 82270
Bauer, C. *see* Abt, I. 80025
Bauer, C. *see* Abt, I. 100825
Bauer, C. *see* Mours, B. 100821
Bauer, C. *see* Mours, B. 120196
Bauer, C.E. A technical benchmark study of micro/chip scale packages 82230
Bauer, C.G. *see* Bier, F.F. 120271
Bauer, C.L. *see* Gatzen, H.H. 115763
Bauer, D., Stellbrink, A., Gardner, S. Demands made on CAQ 82316
Bauer, D.P. *see* Challita, A. 65753
Bauer, E. LEEM studies of the early stages of epitaxial growth 61167
Bauer, F., Dettmer, H., Fichtner, W., Lendenmann, H., Stockmeier, T., Thiemann, U. Design considerations and characteristics of rugged punchthrough (PT) IGBTs with 4.5 kV blocking capability 105910
Bauer, F., Graham, R.A. Very high pressure behavior of precisely-poled PVDF 106338
Bauer, F., Varma, A. Distributed algorithms for multicast path setup in data networks 77797
Bauer, F., Varma, A. ARIES: a rearrangeable inexpensive edge-based on-line Steiner algorithm 87496
Bauer, F. *see* Couturier, S. 89515
Bauer, F. *see* Eicher, S. 105931
Bauer, F. *see* Eicher, S. 113725
Bauer, F. *see* Isner-Brom, P. 106345
Bauer, F. *see* Lefebvre, H. 106344
Bauer, F. *see* Recker, M. 71025
Bauer, F. *see* Samara, G.A. 106346
Bauer, F. *see* Simonne, J.J. 110157
Bauer, G. *see* Fromherz, T. 74431
Bauer, G. *see* Fromherz, T. 116209
Bauer, G. *see* Li, J.H. 85471
Bauer, G. *see* Springholz, G. 61256
Bauer, G. *see* Springholz, G. 72847
Bauer, G. *see* Springholz, G. 103886
Bauer, G. *see* Stoger, G. 62958
Bauer, G.E.W. *see* Stoof, T.H. 62998
Bauer, G.E.W. *see* Tanaka, T. 62918
Bauer, G.H. *see* Bruggemann, R. 94889
Bauer, H.-D., Ehrfeld, W., Gerner, M., Paatzsch, T., Picard, A., Schift, H., Weber, L. Micro-optical elements and optical interconnection components fabricated using the LIGA technique 106801
Bauer, J., Seeger, M., Zern, A., Kronmuller, H. Nanocrystalline FeNdB permanent magnets with enhanced remanence 95383
Bauer, J. *see* Gottwald, E. 119203
Bauer, J. *see* Schmitt, G. *(editor)* 71982
Bauer, J.J. *see* Bischoff, J. 115088
Bauer, J.M. National information infrastructure policies in an era of global networks 87774
Bauer, K.W. *see* Kocur, C.M. 70086
Bauer, M. *see* Kraft, O. 115024
Bauer, M. *see* Lippmann, J. 90763
Bauer, M.A. *see* Hong, J.W. 77869
Bauer, M.A. *see* Katchabaw, M.J. 98578
Bauer, N. High frequency test probes for IC wafer probe jigs 114317
Bauer, P., Hecht, B., Rossel, C. Piezoresistive cantilevers as optical sensors for scanning near-field microscopy 99934
Bauer, P., van Wesenbeeck, M.P.N. Modulation for AC-to-AC resonant link converters with active filtering 112094
Bauer, P. *see* Rossel, C. 79287
Bauer, P. *see* Wirthl, E. 74579
Bauer, P.H., Premaratne, K. Zero-convergence of 2-D Roesser state space models implemented in floating point arithmetic 86198
Bauer, P.H. *see* Kulasekere, E.C. 117385
Bauer, P.H. *see* Premaratne, K. 117311
Bauer, P.H. *see* Yost, A.A. 86196
Bauer, P.H. *see* Yost, S.A. 66771
Bauer, R., Ouseggua, S., Ayachi, M., Hu, Y., Dulinski, W., Schaeffer, M. Low noise readout chip with self-triggering signal using silicon strip detectors for beta imaging 100920
Bauer, R., Wolter, K.-J., Sauer, W. Three-dimensionally formed thick film devices with low temperature cofiring ceramic multilayer technology 83637
Bauer, R. *see* Waegel, K.H. 62170
Bauer, S., Haage, T., Schroder, B., Oechsner, H. Some aspects on an improved stability of a-Si:H and a-Ge:H films with respect to their microstructure 94398
Bauer, S., Wolff, I., Schmidt, R., Pelzing, M. Toxicological hazards of plasma etching waste products 84193
Bauer, S., Zovko-Cihlar, B., Cihlar, D. MPEG video sources in multimedia environment 87916
Bauer, S., Zovko-Cihlar, B., Grgic, M. Discrete cosine transform in video compression 78214
Bauer, S. *see* Diehl, F. 94242
Bauer, S. *see* Zovko-Cihlar, B. 78213
Bauer, T., Freyer, J. Analysis of a new millimetre wave power combiner 93921
Bauer, T.M. *see* Borges, B.V. 99594
Bauer, T.M. *see* Kravitz, S.H. 116017
Bauer-Grosse, E. *see* Barrat, S. 72913
Bauerecker, S. *see* Taucher, F. 69558
Bauerle, R. *see* Hoque, M. 76498
Bauge, M. *see* Karam, J.M. 74881
Baugh, K.W. *see* Barlett, M.L. 66797
Baughman, C.R. *see* Raicu, D. 62336
Baughman, M.L. *see* Preston, E.G. 121075
Bauhofer, W. *see* Ruter, D. 95740
Bauhoff, W. *see* Ban, J. 69810
Bauhuis, G.J. *see* Driessen, F.A.J.M. 62810
Baukari, N., Aljane, A. Security and auditing of VPN 118234
Bauknecht, A. *see* Adler, F. 114784
Bauknecht, R., Schneibel, H.P., Schmid, J., Melchior, H. A 12 Gb/s laser and optical modulator driver circuit with InGaAs/InP double heterostructure bipolar transistors 99597
Baum, A.S. *see* Hager, G.E. 70880
Baum, C.C. *see* Snodgrass, T.G. 114872
Baum, C.E. Timed arrays for radiating impulse-like transient fields 97373
Baum, C.E. Concepts in transient/broadband electromagnetic target identification 99620
Baum, C.E. *see* Farr, E.G. 97323
Baum, C.W., Conner, K.F. Multitone modulation and demodulation for channels with SNR uncertainty 66444
Baum, J. Low-pressure smart sensing solution with serial communications interface 89022
Baum, J. *see* Jacobsen, E. 79323
Baum, J. *see* Jacobsen, E. 79381
Baum, J. *see* Jacobsen, E. 110088
Baumann, E. *see* Hammoud, A. 91614
Baumann, E. *see* Henschel, H. 68471
Baumann, F.H. *see* Cundiff, S.T. 107552
Baumann, F.H. *see* Krisch, K.S. 63174
Baumann, F.H. *see* Rau, W.-D. 74996
Baumann, G. *see* Hollmann, D. 62303
Baumann, H., Mack, S., Munzel, H. Bonding of structured wafers 64001
Baumann, H. *see* Kurtz, E. 74207
Baumann, I., Brinkmann, R., Dinand, M., Sohler, W., Westenhofer, S. Ti:Er:$LiNbO_3$ waveguide laser of optimized efficiency 107198
Baumann, I., Seifert, J., Nowak, W., Sauer, M. Compact all-fiber add-drop-multiplexer using fiber Bragg gratings 109655
Baumann, I. *see* Abt, I. 80025
Baumann, I. *see* Abt, I. 100825
Baumann, I. *see* Schiek, R. 95730
Baumann, J.R., Danzer, B., Miekisch, W., Tartler, D., Wolf, M. Information about materials in electronics–a necessary condition for recycling and clean-construction of electronic devices 60763
Baumann, P.D. Policy issues inherent in advanced technology development 112845
Baumann, P.K. *see* Bozeman, S.P. 83720
Baumann, S.B. *see* Mingui Sun 110835

Baumann, U., Pezoldt, J., Cimalla, V., Nennewitz, O., Schwierz, F., Schipanski, D. Electrical characterization of SiC/Si-heterostructures formed by rapid thermal carbonization of Si 105264
Baumbach, D., Bird, M., Eason, M. Technology staff development via distance learning: lessons learned 92059
Baumbach, J.I. *see* Soppart, O. 81610
Baumbach, T. *see* Buttard, D. 94517
Baumbaugh, B., Bertram, I., Bross, A., Choi, S., Chung, M., Grunendahl, S., Kang, J.S., Kim, C.L., Kim, S.K., Koltick, D., Lobkowicz, F., Margulies, S., Park, Y., Pischalnikov, Y., Ruchti, R., Solomon, J., Warchol, J., Wayne, M., Yui, Y. Performance of a large scale scintillating fiber tracker using VLPC readout 80030
Baumbaugh, B., Bishop, J., Biswas, N., Coney, L., Marchant, J., Masterson, E., Ruchti, R., Stavish, T., Warchol, J., Wayne, M. Small cryostem for operation of Visible Light Photon Counters (VLPC) 89063
Baumbaugh, B., Bishop, J., Biswas, N., Coney, L., Marchant, J., Masterson, E., Ruchti, R., Stavish, T., Warchol, J., Wayne, M. Small cryostem for operation of visible light photon counters (VLPC) 100882
Baumbaugh, B. *see* Chung, M. 80031
Baumberg, A., Hogg, D. Generating spatiotemporal models from examples 108407
Baumberg, J.J. *see* Fox, A.M. 76109
Baumberger, W. A monolithic 2.44 GHz transceiver frontend 68133
Baumberger, W., Schmatz, M.L. A GaAs single chip 2.4 GHz PLL frequency multiplier 83426
Baumeister, G. *see* Schimpe, R. 78656
Baumeister, H. *see* Veuhoff, E. 105564
Baumela, L. *see* Peters, J.F., III 76953
Baumela, L. *see* Ramanna, S. 77294
Baumgart, H., Letavic, T.J., De Wolf, I., Tsou, L., Maes, H.E., Egloff, L.R. Analysis of process induced stresses in lateral trench isolation structures for high voltage devices in bonded SOI 61642
Baumgart, H. *see* Egloff, R. 63157
Baumgart, J.W. *see* Bischoff, J. 115088
Baumgart, P. *see* Tam, A.C. 115759
Baumgarten, B., Burkhardt, H.J., Giessler, A. *(editors)* Testing of Communicating Systems. IFIP TC6 9th International Workshop on Testing of Communicating Systems 103307
Baumgarten, U., Karls, I., Krumm, J. Visualization of navigation information in WWW systems with support of mobility 78092
Baumgartner, E.T. *see* Yoder, J.-D. 110945
Baumgartner, F.P. *see* Schon, J.H. 62784
Baumgartner, H.A. *see* Hagen, J.B. 99652
Baumgartner, M. *see* Scherrer, D.P. 107121
Baumgartner, M.O., Scherrer, D.P., Kneubuehl, F.K. Time-dependent thermal lensing and Kerr nonlinearity in CS$_2$ with CO$_2$-laser radiation 65468
Baumgartner, P., Engel, C., Abstreiter, G. On the voltage stability of lateral barriers in in-plane-gated structures 83917
Baumgartner, P. *see* Holzmann, M. 63792
Baumgartner, R. *see* Backfrieder, W. 101139
Baumgratz, B.A. *see* Johnson, J.L. 95985
Baumhacker, H., Brederlow, G., Eidmann, K., Fill, E., Grabtchikov, A., Lower, Th., Winhart, G., Witte, K.J. The Asterix IV iodine laser: performance and applications 116308
Baums, D., Dutting, K., Hildebrand, O., Idler, W., Lach, E., Laube, G., Schilling, M., Wunstel, K. The Y-laser as a multifunctional device for photonic switching 109312
Baums, D. *see* Lach, E. 107231
Baums, D. *see* Schilling, M. 78777
Baums, D. *see* Weinmann, R. 75597
Baumung, K., Bluhm, H.J., Goel, B., Hoppe, P., Karow, H.U., Rusch, D., Fortov, V.E., Kanel, G.I., Razorenov, S.V., Utkin, A.V., Vorobjev, O.Yu. Shock-wave physics experiments with high-power proton beams 110480
Baumvol, I.J.R., Stedile, F.C., Ganem, J.-J., Trimaille, I., Rigo, S. Thermal nitridation of SiO$_2$ films in ammonia: the role of hydrogen 63284
Baumvol, I.J.R., Stedile, F.C., Ganem, J.-J., Trimaille, I., Rigo, S. Nitrogen transport during rapid thermal growth of silicon oxynitride films in N$_2$O 114958
Baumvol, I.J.R., Stedile, F.C., Ganem, J.-J., Trimaille, I., Rigo, S. Thermal nitridation of SiO$_2$ films in ammonia–isotopic tracing of nitrogen and oxygen in the initial stages 114969
Baumvol, I.J.R., Stedile, F.C., Ganem, J.-J., Trimaille, I., Rigo, S. Thermal nitridation of SiO$_2$ films in ammonia–isotopic tracing of nitrogen and oxygen in further stages and in reoxidation 114970
Baur, B. *see* Schulze, H.-J. 105929
Baur, R. *see* Faschingbauer, U. 110557
Baur, T., Pagano, L., Derks, M., Irwin, D. High performance liquid crystal device suitable for projection display 89238
Bauregger, J. *see* Machui, J. 109382
Baurele, R., Hoque, M. A realistic emission analysis for a wireless handset coupled with a human body using FDTD 76499
Baurle, S. Integrated circuits for lithium-ion battery charging management 73098
Bausa, L.E., Lifante, G., Daran, E., Pernas, P.L. CaF$_2$:Er^{3+} molecular beam epitaxial layers as optical waveguides 75511
Bausback, E. An I-Q demodulator IC for compressed video applications 77279
Bausch, A., Beckedahl, P., Bystron, K. Compensation of current harmonics 101790
Bausch, J., Mietz, J. Corrosion behaviour: materials for optical waveguide cables 68483
Bauschat, J.-M. *see* Buchholz, J.J. 120601
Bausell, J. Defining reassembly [SMT] 83602
Bausells, J. *see* Bao Minhang 84181
Bausells, J. *see* Carrabina, J. 74836
Bauser, E. *see* Irsigler, R. 120139
Bauser, E. *see* Kohler, R. 113349
Bauser, E. *see* Raidt, H. 113379
Bauser, E. *see* Schieber, M. 110578
Bauser, E. *see* Silier, I. 113403
Baushev, V.S., Zhusubaliyev, Zh.T., Mikhal'chenko, S.G. Stochastic features in the dynamic characteristics of a pulse-width controlled voltage stabilizer 93106
Baushev, V.S., Zhusubaliyev, Z.T., Mikhalchenko, S.G. Stochastic in dynamics of a voltage regulator with pulse duration control 61593
Bauta, M. *see* Grotzbach, M. 81586
Bauters, P. *see* Declercq, F. 108731
Bautista, J.J. *see* Laskar, J. 93859
Bauwens, L. Adiabatic losses in Stirling refrigerators 91764
Bauza, D., Ghibaudo, G. New drain current transient technique for measuring the slow oxide trap density in MOS transistors 84449
Bauza, D. *see* Maneglia, Y. 63691
Bava, E., Massari, F. Phase sensitive detection of light reflected from a Fabry-Perot interferometer 65405
Bava, G.P., Debernardi, P., Minervini, D. Quantum transport in majority carriers-based devices 116122
Bava, G.P., Debernardi, P., Osella, G. Frequency conversion in travelling wave semiconductor laser amplifiers with bulk and quantum well structures 65181
Bava, G.P., Osella, G., Debernardi, P. Terahertz frequency conversion in bulk and quantum-well semiconductor lasers 85703
Bawa, H.P.S. EMC in digital circuit design 76444
Bawa, H.S. *see* Singh, H. 97948
Bawa, R.K. *see* Kadalbajoo, M.K. 82368
Bawolek, E.J. *see* Liswith, M.L. 65863
Baxi, C.B. *see* Wong, C.P.C. 71149
Baxter, D.V., Sumanasekera, G.U., Carini, J.P. Transport anisotropy and dimensional crossover in Ag/Ge multilayers 94574
Baxter, E.M. *see* Larsson, C.N. 82173
Baxter, E.M. *see* Larsson, C.N. 82290
Baxter, G.W., Dawes, J.M., Dekker, P., Knowles, D.S. Dual-polarization frequency-modulated laser source 85450
Baxter, G.W. *see* Wade, S.A. 79498
Baxter, J., Shawe-Taylor, J. Learning to compress ergodic sources 86228
Baxter, L.A., Marlow, N.A. Cumulative operating time distributions for a class of non-Markovian series systems 113044
Baxter, R. *see* Hinton, B. 97154
Bay, H.L. *see* Dolle, M. 84232
Bay, J., Hansen, O., Bouwstra, S. Design of a silicon microphone with differential read-out of a sealed double parallel-plate capacitor [for hearing aids] 88986
Bay-Ann Yuan *see* Yao-Tsung Tsai 84366
Bayanov, V.I., Fedorov, A.A., Serebryakov, V.A. Laser system, emitting trains of stable picosecond pulses in visible and UV range of spectrum 107356
Bayart, D., Kowalski, B., Hervo, J., Le Crom, M., Lempereur, S., Girard, J.J., Chiquet, F. Power conversion efficiency of fluoride-based EDFAs in flat-gain operation 75844
Bayart, D. *see* Artigaud, S. 88597
Bayart, D. *see* Artigaud, S. 88650
Bayart, M. *see* Riviere, J.-M. 88921
Bayazit, U., Pearlman, W.A. Variable length tree-structured subvector quantization 86075
Bayer, E., Bucksch, W., Scoones, K., Wagensohner, K., Erdeljac, J., Hutter, L. A 1.0 μm linear BiCMOS technology with power DMOS capability 63966
Bayer, K. *see* Saupe, D. 77118
Bayer, M., Reinecke, T.L., Schmidt, A., Knipp, P., Forchel, A., Kulakovskii, V.D. Magnetoluminescence of InGaAs/GaAs quantum dot transitions with zero and nonzero angular momenta 62871
Bayer, M. *see* Wang, K.H. 62986
Bayer, W., Habur, K., Povh, D., Jacobson, D.A., Guedes, J.M.G., Marshall, D. Control measures to ensure dynamic stability of the Cahora Bassa scheme and the parallel HVAC system 81007
Bayford, R. *see* Mullins, M. 69048
Baygi, M.Miran *see* Miran Baygi, M.
Baygun, B., Hero, A.O. An iterative solution to the min-max simultaneous detection and estimation problem 117468
Baykal, A. *see* Goel, V. 120436
Bayle, M.L. *see* Goto, A. 67803
Bayle-Guillemaud, P., Petford-Long, A.K., Anthony, T.C., Brug, J.A. HREM study of Co/Cu/Co/MnFe spin valves 115630
Bayley, J.M. *see* Mitchell, I.H. 71496
Bayliss, S.C. *see* Unal, B. 114800
Baylou, P. *see* Dai, M. 98326
Baynes, N.deB. *see* Allam, J. 107021
Baynes, N.deB. *see* Ogawa, K. 103403
Baynham, D.E., Aspey, R.Q., Carr, F.S., Coombs, R.C., Cragg, D.A., Cunliffe, N.H., Greenhalgh, R.J., Holtom, E., Sampson, P.L., Walters, C.R. Design of the superconducting end cap toroids for the ATLAS experiment at LHC 90035
Baynham, D.E., Sampson, P.L. Computational modelling of large aluminium stabilised conductors in an indirectly cooled magnet matrix 95580
Baynham, E. *see* Fabbricatore, P. 90191
Baynton, K. Managing the growth of the Internet 98653
Bayot, V., Grivei, E., Melinte, S., Santos, M.B., Shayegan, M. Giant low temperature heat capacity of GaAs quantum wells near Landau level filling ν=1 74382
Bayot, V. *see* Heremans, J. 94553
Bayoumi, A. *see* Zhang, K.X. 63718
Bayoumi, M. *see* Abu-Shama, E. 73324
Bayoumi, M. *see* Shipley, P. 99003
Bayoumi, M.A. *see* Altuwaijri, M.M. 117860
Bayoumi, M.A. *see* Cherabuddi, R.V. 73916
Bayoumi, M.A. *see* Cherabuddi, R.V. 94152
Bayoumi, M.A. *see* Jijun Chen 92652
Bayoumi, M.A. *see* Tyagi, A. 74793
Bayrakeri, S.D., Mersereau, R.M. An effective spatio-temporal interpolation algorithm for video pyramid coding 86589
Bayraktaroglu, B., Ali, F., Mason, J., Smith, P. Flip-chip X-band operation of thermally-shunted microwave HBT's with sub-micron emitters 83382
Bayramian, A.J., Marshall, C.D., Payne, S.A., Quarles, G.J. Efficient ultraviolet Ce:LiSrAlF$_6$ laser using anti-solarant pump beam 96193
Bayreuther, G., Bensch, F., Kottler, V. Quantum oscillations of properties in magnetic multilayers 64349
Bayruns, R. GaAs integrated circuits for communications 63852
Bayruns, R., Lopez, O., Sweeney, S., Kuohsiung Li, Ditrick, N. A wide dynamic range GaAs broadcast satellite tuner IC 79140
Bays, L.E. *see* Norsworthy, S.R. 73427
Baysec, S. *see* Kapucu, S. 108523
Baytas, A.F., Geckinli, M. An alternative approach to direct Fourier reconstruction in parallel-beam tomography 69889
Bayvel, P. *see* Baroni, S. 68525
Bayvel, P. *see* Churin, E.G. 98373
Bayvel, P. *see* Churin, E.G. 109656
Bayvel, P. *see* Rothnie, D.M. 78718
Bayvel, P. *see* Timofeev, F.N. 68449
Bayvel, P. *see* Timofeev, F.N. 88058
Bayvel, P. *see* Zeiler, W. 109647
Baz, A., Poh, S. Modal and physical deflections of beams using distributed wire sensors 79380
Baz, A. *see* Chen, T. 104189
Baz, A. *see* Ro, J. 104186
Baz, D.El *see* El Baz, D.
Bazanov, V. *see* Gribin, S. 107675
Bazanowski, Z., Killat, U. The superposition of virtual connections with periodic traffic in an ATM multiplexer: Idle and busy period distributions 67861
Bazant, L. The computation of forward scattered functions for Pruppacher-Pitter raindrop forms at 37 GHz 65852
Bazarjani, S. *see* Tarr, N.G. 74824
Bazarjani, S.S., MacElwee, T., Snelgrove, M. Optimizing the natural MOSFETs in a 0.5 μm dual poly gate CMOS process for 1 V mixed-signal applications 84575
Bazarjani, S.S., Snelgrove, W.M. A 4th order SC bandpass ΣΔ modulator designed on a digital CMOS process 93526
Bazarjani, S.S. *see* Varelas, T. 114025
Baze, J.M., Berriaud, C., Cure, C., Dael, A., Desportes, H., Duthil, R., Gallet, B., Juster, F.P., Lesmond, C., Mayri, C., Pabot, Y. Progress in the design of a superconducting toroidal magnet for the ATLAS detector on LHC 90186
Baze, M. *see* Buchner, S. 61723
Baze, R. PCMCIA spring contact probes for test applications 114402
Bazes, M., Ashuri, R., Knoll, E. An interpolating clock synthesizer 104649
Bazhanov, N.A., Benda, B., Borisov, N.S., Dzyubak, A.P., Durand, G., Golovanov, L.B., Gurevich, G.M., Kovalev, A.I., Lazarev, A.B., Lehar, F., Lukhanin, A.A., Neganov, A.B., Topalov, S.V., Shilov, S.N., Usov, Yu.A. A movable polarized target for high energy spin physics experiments 69699
Bazhanov, N.A. *see* Anischenko, N.G. 120106
Bazilevsky, A. *see* David, G. 80077
Baziljevich, M. *see* Johansen, T.H. 115849
Bazin, G., Journet, B. A new laser range-finder based on FMCW-like method 109799
Bazin, N. *see* Sermon, P.A. 85245
Baziw, E. ECDIS steering algorithm for vessel autopilot 79026
Baziw, E. Field trials of ECPINS vessel positioning algorithm 79027
Baznowski, Z., Killat, U. Trade-offs in VP-based and VC-based traffic shaping 67603

Bazylenko, M. *see* Faith, M. 75531
Bazylenko, M.V., Gross, M., Chu, P.L., Moss, D. Large negative UV-induced refractive index change observed in Ge-doped PECVD silica films 72888
Bazylenko, M.V., Gross, M., Chu, P.L., Moss, D. Photosensitivity of Ge-doped silica deposited by hollow cathode PECVD 75398
Bazylenko, M.V., Gross, M., Faith, M. Effect of reactive ion etching-generated sidewall roughness on propagation loss of buried-channel silica waveguides 116074
Bazylenko, M.V. *see* Moss, D. 106823
Bazzani, A., Brini, F. Modulated diffusion for a simple lattice model 120059
Bazzani, A., Giovannozzi, M., Turchetti, G. Stochastic perturbation of the linear tune and diffusion for simple lattice models 120010
Bazzani, A. *see* Bartolini, R. 120058
Bazzi, O., Gazalet, M.G., Torguet, R.J., Rouvaen, J.M., Bruneel, C. Effects of acousto-optic correlator bandwidth on coded pulse compression 87203
Bazzill, T. *see* Huang, H.K. 111013
Bazzill, T. *see* Lee, J.K. 111005
Bazzill, T.M., Huang, H.K.B., Thoma, G.R., Long, L.R., Gill, M.J. High speed image transmission via the advanced communication technology satellite (ACTS) 110724
Bazzill, T.M. *see* Wong, A.W.K. 108469
Bazzoli, R. *see* Abbes, M. 90145
Beach, C.D. *see* Jungsik Lee 108102
Beach, D. *see* Shaw, T.M. 63186
Beach, M. *see* Bateman, A. 78491
Beach, M. *see* Hongxi Xue 99169
Beach, M.A. *see* Fitton, M.P. 116901
Beach, M.A. *see* Martin, G.T. 65862
Beach, M.A. *see* Martin, G.T. 97115
Beach, M.A. *see* Mortazavi, S.H. 88323
Beach, M.A. *see* Tsoulos, G.V. 78453
Beach, M.A. *see* Tsoulos, G.V. 88386
Beach, M.A. *see* Tsoulos, G.V. 109405
Beach, M.A. *see* Tsoulos, G.V. 109546
Beach, M.E. *see* Loney, G.C. 67339
Beach, R.J. Theory and optimization of lens ducts 65400
Beach, R.J., Sutton, S.B., Honea, E.C., Skidmore, J.A., Emanuel, M.A. High power 2 μm diode-pumped Tm:YAG laser 96214
Beach, R.J. *see* Burkhart, S.C. 85415
Beach, R.J. *see* Chow, R. 107475
Beach, R.J. *see* Kopf, D. 96227
Beach, R.J. *see* Page, R.H. 65166
Beach, R.S., Smith, N., Platt, C.L., Jeffers, F., Berkowitz, A.E. Magneto-impedance effect in NiFe plated wire 64202
Beach, W. *see* Wary, J. 84675
Beacham, K., Barrington, S. CallMinder—the development of BT's new telephone answering service 67708
Beack Seung Hwa *see* Seung Hwa Beack
Beadle, B.M., Weis, R.S., Norwood, C.A. Radial strain-induced attenuation in plastic optical fiber 85028
Beadle, E.R. A general purpose fiber optic link with radiation resistance 99469
Beadle, E.R. A 2 MHz 3-port analog isolation and fanout module 100913
Beadle, H.W.P. *see* Reynolds, P.J. 87898
Beagon, V.S. *see* Kalinin, A.V. 68821
Beaini, J., Althaus, L. The use of digital instrumentation and the IEEE-488 interface in the electric circuits laboratory 60466
Beak, K.W. *see* Tou, T.Y. 65027
Beal, D.J. Considerations and trade-offs for specifying, designing and installing wireless systems 99049
Beal, R.C., Kusnierkiewicz, D.Y., MacArthur, J.L., Monaldo, F.M., Oden, S.F. A lightweight Spectrasat concept for global ocean wave monitoring 120849
Beal, R.C., Thompson, D.R., Young, G.S., Shirer, H.N., Sikora, T.D. Atmospheric signatures in SAR ocean imagery 111236
Beale, P.D. *see* Kirschenbaum, L.S. 115640
Beales, T.P., McCormack, J.S. High temperature superconductors as a technological discontinuity in the power cable industry 121180
Beales, T.P. *see* Awan, S.A. 95435
Beals, R. *see* Allender, E. 92596
Beam, E.A., III, Chau, H.F. The use of CBr_4 and $SiBr_4$ doping in MOMBE and application to InP-based heterojunction bipolar transistor structures 103946
Beam, E.A., III *see* Broekaert, T.P.E. 63822
Beam, E.A., III *see* Broekaert, T.P.E. 105875
Beam, G.E. *see* Davis, T. 80951
Beaman, B. *see* Da-Yuan Shih 112936
Bean, A. *see* Abe, K. 69708
Bean, A. *see* Abe, K. 69726
Bean, D.R. *see* Engel, G.M. 87456
Bean, J.C., Peticolas, L.J., Lum, R., McDonald, M.L. Simple equipment tolerant reflectometry for monitoring of molecular beam epitaxy and metalorganic chemical vapor deposition growth 89532
Bean, J.C. *see* Brafman, O. 92712
Bean, J.C. *see* Lum, R.M. 92731
Bean, J.C. *see* Lum, R.M. 103906
Bean, J.C. *see* Murtaza, S.S. 79434
Bean, J.C. *see* Murtaza, S.S. 88488
Bean, J.C. *see* Teichert, C. 82658
Bean, W.E. The case for testing electromagnetic radiation at mobile radio sites 78548
Beanland, R. *see* Boyd, A.R. 103866
Beanlands, R.S. *see* de Kemp, R.A. 70066
Beanlands, R.S. *see* Watson, C.C. 90430
Bear, R.N.Medicine *see* Medicine Bear, R.N.
Beard, B.L. *see* Ahumada, A.J., Jr. 108530
Beard, B.T. *see* Booth, J.L. 105605
Beard, W.T., Jr., Green, K.A., Zhang, X.-J., Armstrong, R.W. High resolution imaging of electronic devices via X-ray diffraction topography 82303
Bearden, D. *see* Barnhart, B. 90892
Bearden, D. *see* Barnhart, B. 120587
Beardslee, B.M. *see* Melson, D.L. 110896
Beardsley, P., Torr, P., Zisserman, A. 3D model acquisition from extended image sequences 67321
Beare, R. *see* Abbott, D. 89139
Bearzi, E., Benyattou, T., Guillot, G., Marty, O., Pitaval, M., Oustric, M., Gendry, M., Hollinger, G., Harmand, J.C., Quillec, M. Anomalous optical behaviour of LT-AlInAs related to anisotropic composition modulation 94369
Bearzi, E. *see* Meva'a, C. 94371
Bearzotti, A., Foglietti, V., Polzonetti, G., Iucci, G., Furlani, A., Russo, M.V. Investigations on the response to humidity of an interdigitated electrode structure coated with iodine doped polyphenylacetylene 119642
Bearzotti, A. *see* Traversa, E. 79379
Beasley, J., Ramirez-Angulo, J., Steiner, R. An i_{DD} transient analysis technique for defect detection in digital integrated circuits 73016
Beasley, M.R. *see* Terzioglu, E. 115923
Beasom, J.D., Wood, G.M. A 4.25 A power supply multiplexer implemented with GTO SCRs 82916
Beatie, R.E. *see* Ashley, J.R. 102198
Beattie, D.J., McLean, F. The commissioning of the uranium finishing cycle evaporator system 81288
Beattie, R.S., Elder, S.C. MAP side scan sonar motion distortion correction using iterative conditional modes and simulated annealing 68715
Beattie, R.S., Elder, S.C. Side scan sonar image restoration using simulated annealing and iterative conditional modes 68723
Beattie, S. *see* Beattie, W.C. 101842
Beattie, W.C., Beattie, S. High-speed flicker and power-factor compensation 101842
Beattie, W.C., Lai, K.P. Improvements in soft-start controllers 102618
Beattie, W.C., Matthews, S.R. Harmonic control using switched filters in rectifier circuits 102834
Beattie, W.C., Whittaker, T.J. The generation of electrical power from sea waves 102514
Beattie, W.C. *see* Matthews, S.R. 91982
Beattie, W.C. *see* Peters, G. 91384
Beatty, D.L. *see* Pandey, M. 83158
Beatty, J. *see* Mauceri, T. 80448
Beauchamp, J. *see* Horner, A. 88885
Beauchemin, B.T. *see* Jeffries, A.T., III 105797
Beaucoudrey, N.de *see* de Beaucoudrey, N.
Beaucour, J. *see* Doucin, B. 105848
Beaucour, J. *see* Poivey, C. 73462
Beaucour, J. *see* Poivey, C. 104598
Beaud, P. *see* Richardson, M. 85430
Beaudet, N. *see* Bernstein, P. 95486
Beaudin, G., Gheudin, M., Deschamps, A., Ruffie, G., Gadea, F., Pagani, L., Encrenaz, P., Febvre, P., Feautrier, P., George, S., Leridon, B., Maoli, R., Gac, C., Gausi, E., Germont, A., Landry, P., Pernot, J.C., Lemonnier, M.C., Marechal, J.C., Lacroix, J., Montignac, G., Rosolen, C., Michet, D., Dierich, P. An SIS submillimetre wave heterodyne receiver for radioastronomy at 368 and 380 GHz using Nb/Al-AlO_x/Nb junctions 79100
Beaudin, G. *see* Encrenaz, P.J. 68820
Beaudin, G. *see* Febvre, P. 68828
Beaudoin, M. *see* Xing, Q.J. 63229
Beaudoin, P.T., Legler, D.M., O'Brien, J.J. Information content in the ERS-1 three-day repeat orbit scatterometer winds over the North Pacific from January through March 1992 101559
Beaujean, P.-P. *see* LeBlanc, L.R. 88660
Beaujean, P.-P.J. *see* LeBlanc, L.R. 88739
Beaulieu, C. *see* Gouin, F. 85319
Beaulieu, C.F. *see* Rubin, G.D. 90324
Beaulieu, L. *see* Fox, D. 90136
Beaulieu, N.C. Closed-form approximation to PDF of time-average power of bandlimited Gaussian process 117393
Beaulieu, N.C. *see* Abu-Dayya, A.A. 119054
Beaulieu, N.C. *see* Choy, W.W. 67505
Beaulieu, R., Lessard, R.A., Chin, S.L. Polyvinylidene fluoride films as infrared to visible converter material 75385
Beaumont, B. *see* Faurie, J.P. 76015
Beaumont, B. *see* Sanchez-Garcia, M.A. 62740
Beaumont, S. *see* Elgaid, K. 104858
Beaumont, S.P. III-V nanoelectronics 115283
Beaumont, S.P. *see* Babiker, S. 84475
Beaumont, S.P. *see* Bates, R. 80029
Beaumont, S.P. *see* Carmona, H.A. 62820
Beaumont, S.P. *see* Carmona, H.A. 105259
Beaumont, S.P. *see* Cumming, D.R.S. 104408
Beaumont, S.P. *see* Nogaret, A. 63033
Beaumont, S.P. *see* Nogaret, A. 105416
Beaumont-Smith, A., Marwood, W., Lim, C.C., Eshraghian, K. Design and implementation of a GaAs systolic floating-point processing element 113906
Beaumont-Smith, A. *see* Abbott, D. 89139
Beauprez, E. *see* Andrieux, M. 72935
Beauregard, F. *see* Hajji, R. 95058
Beauregard, F. *see* Pelletier, P. 70775
Beauregard, F. *see* Zhao, G. 82967
Beauregard, F.C.De *see* De Beauregard, F.C.
Beausang, C.W., Simpson, J. Large arrays of escape suppressed spectrometers for nuclear structure experiments 69897
Beauvais, P.-Y., Bogard, D., Chamouard, P.-A., Ferdinand, R., Haouat, G., Lagniel, J.-M., Lemaire, J.-L., Pichoff, N., Ruiz, C. Studies on halo formation in a long magnetic quadrupole FODO channel. First experimental results 89995
Beauvais, W.J. *see* McNulty, P.J. 104563
Beauvillain, J. *see* Girardin, C. 74692
Beauville, J.-P.Asselin de *see* Asselin de Beauville, J.-P.
Beauzamy, B. Reconstructing a signal from the knowledge of the norms of its multiples 108250
Beaven, S.G., Gogineni, S., Carsey, F.D. Fusion of satellite active and passive microwave data for sea ice type concentration estimates 111283
Beaven, S.G., Gogineni, S.P., Kanagaratnam, P. Phase correction for coherent noise reduction in short-range radar measurements 111259
Beaven, S.G., Yu, X., Hoff, L.E., Chen, A.M., Winter, E.M. Analysis of hyperspectral infrared and low frequency SAR data for target classification 108553
Beaver, D. Equivocable oblivious transfer 86068
Beaver, D. Adaptive zero knowledge and computational equivocation 97466
Beavis, A.W., Weston, S.J., Whitton, V.J. Implementation of the Varian EDW into a commercial RTP system 110890
Bebbington, D.H.O. *see* Schuh, R.E. 85018
Bebermeyer, R. *see* Chen, K.M. 99656
Bebie, P. *see* Verspecht, J. 79682
Beblowska, M., Kruszewski, J. Fiber optic stress sensor 100074
Beccacece, F., Cigola, M. Increasing maps 72498
Beccard, R., Schmitz, D., Knauf, J., Lengeling, G., Schulte, F., Jurgensen, H. MOVPE growth of GaAs and InP based compounds in production reactors using TBAs and TBP 103892
Beccard, R. *see* Schmitz, D. 104073
Beccherle, R., Bertolucci, E., Bisogni, M.G., Bottigli, U., Collins, T., Conti, M., Del Guerra, A., Fantacci, M.E., Gambaccini, M., Kipnis, I., Marchesini, R., Marziani, M., Rosso, V., Russo, P., Russo, S., Stefanini, A., Taibi, A., Tripiccione, R. Development of a digital radiography system based on silicon microstrip detector 80297
Beccherle, R. *see* Del Guerra, A. 101315
Becchi, I. *see* Bresci, E. 120868
Beccue, S. *see* Ruai Yu 119164
Beccue, S.M. *see* Bowers, J.E. 109606
Beccue, S.M. *see* Wang, K.C. 61970
Becerra, C.C. *see* Paduan-Filho, A. 64188
Bech, S. RaPID: method of description of the perception quality of imaging systems 68845
Bech, S., Hamberg, R., Nijenhuis, M., Teunissen, C., Looren de Jong, H., Houben, P., Pramanik, S.K. The RaPID perceptual image description method (RaPID) 110291
Becher, D. *see* Welton, R.F. 90072
Bechevet, B. *see* Rahman, I.Z. 115589
Bechinger, C., Bullock, J.N., Zhang, J.-G., Tracy, C.E., Benson, D.K., Deb, S.K., Branz, H.M. Low-voltage electrochromic device for photovoltaic-powered smart windows 95814
Bechinger, C., Wirth, E., Leiderer, P. Photochromic coloration of WO_3 with visible light 64598
Bechinger, C. *see* Bullock, J.N. 102994
Bechou, L., Mejdi, S., Ousten, Y., Danto, Y. Non-destructive defect detection in multilayer ceramic chip capacitors (MLCC) using piezoelectric analysis and acoustic microscopy 93968
Bechstedt, F., Kackell, P. Electronic states of heterocrystalline structures 105300
Bechstedt, F. *see* Kackell, P. 74450
Bechstedt, F. *see* Schmidt, W.G. 94458
Bechstedt, U., Dietrich, J., Maier, R., Martin, S., Prasuhn, D., Schnase, A., Schneider, H., Stockhorst, H., Toelle, R. The cooler synchrotron COSY in Juelich 100747
Bechstedt, U. *see* Brauksiepe, S. 100815
Bechstedt, U. *see* Stockhorst, H. 100573
Bechstein, K.H. *see* Salewski, K.D. 69488
Bechtel, E. *see* Kronenberg, S. 120239
Bechtel, H., Czarnojan, W., Haase, M. Phosphor efficiency saturation under pulse-width modulation 85271
Bechtold, B., Knoblach, W., Kunze, U. The new loose parts monitoring system KUS '95 91290
Bechtold, R., Gattung, G., Henniger, O., Paule, C. Test case generation for ATM protocols using high-level Petri net models 118110
Bechtold, V. Isotope production with cyclotrons 69588
Bechtold, V. *see* Kashikhin, V. 90059
Bechtold, V. *see* Moser, H.O. 79772
Beck, A. *see* Gross, R. 64557
Beck, C.E., Tucker, M.S. Proposed test program to evaluate the impact of mid-cycle reversals on MOV feed breakers and thermal overload devices 102371

Beck, C.E. *see* Behera, A.K. 91173
Beck, C.E. *see* Behera, A.K. 102373
Beck, C.E. *see* Hussain, B. 91268
Beck, C.E. *see* Hussain, B. 102402
Beck, C.E. *see* Hussain, B. 121229
Beck, E. *see* Burdick, J. 103027
Beck, E. *see* Burdick, J. 112352
Beck, F.B. *see* Deshpande, M.D. 116857
Beck, F.B. *see* Reddy, C.J. 108057
Beck, F.B. *see* Reddy, C.J. 117028
Beck, G.A., Carter, A.A., Carter, J.R., Greenwood, N.M., Lucas, A.D., Munday, D.J., Pritchard, T.W., Robinson, D., Wilburn, C.D., Wyllie, K. Junction depth dependence of breakdown in silicon detector diodes 69775
Beck, H. *see* Capezzali, M. 95467
Beck, H. *see* Ren, L. 104825
Beck, H.-P., Engel, B. State controller with Kalman filter damping torque oscillations in AC traction drives 91913
Beck, H.L. *see* Osenbach, J.W. 64037
Beck, J. Foundations of positional games 103579
Beck, J.M. *see* Herrick, R.W. 96312
Beck, M. BGA assembly and solder paste verification 112950
Beck, M., Ilegems, M. Influence of growth conditions on mobility and anisotropy of In$_y$Ga$_{1-y}$As/In$_{0.52}$Al$_{0.48}$As/InP HEMTs with y=0.53 to 0.80 95077
Beck, M. *see* Duran, H. 83540
Beck, M. *see* Klepser, B.-U.H. 78677
Beck, M. *see* Spicher, J. 85281
Beck, M. *see* Spicher, J. 109630
Beck, M.S. *see* Lyon, G.M. 99839
Beck, M.S. *see* Yang, W.Q. 110444
Beck, N., Wyrsch, N., Hof, C., Shah, A. Mobility lifetime product–a tool for correlating a-Si:H film properties and solar cell performances 91748
Beck, N. *see* Goerlitzer, M. 116206
Beck, N. *see* Wyrsch, N. 94388
Beck, P.A. *see* Wilson, C.J. 106255
Beck, R.G., Eriksson, M.A., Westervelt, R.M., Campman, K.L., Gossard, A.C. Strain-sensing cryogenic field-effect transistor for integrated strain detection in GaAs/AlGaAs microelectromechanical systems 74762
Beck, R.G., Eriksson, M.A., Westervelt, R.M., Campman, K.L., Gossard, A.C. Low noise field-effect transistor for integrated strain sensing in microelectromechanical systems at 77 K 110137
Beck, R.G. *see* Eriksson, M.A. 94456
Beck, R.N. *see* Aarsvold, J.N. 110700
Beck, R.N. *see* Mintzer, R.A. 101258
Beck, S.E. *see* Langan, J.G. 61349
Beck, S.M., Gelbwachs, J.A., Hinkley, D.A., Warren, D.W., Wessel, J.E. Aerospace applications of optical sensing with lidar 88711
Beck, T. The Internet revisited: superhype or superhighway? 67807
Beck, T. *see* Dascalu, T. 75907
Beck, W. *see* Leisching, P. 63036
Beck, W.A., Faska, T.S., Little, J.W., Albritton, I., Sensiper, M. Imaging performance of 256×256 LWIR miniband-transport multiple quantum well focal plane arrays 69289
Becka, G. *see* Ellenberger, C. 94088
Becka, G. *see* Schubert, B. 94087
Becka, G.A. *see* Iman, R.L. 73856
Beckage, P. *see* Ling, Z.-M. 60571
Beckaman, J. *see* Mandolesi, N. 99703
Beckedahl, P. *see* Bausch, A. 101790
Becker, A. *see* Lopez de Bertodano, M. 121305
Becker, B., Drechsler, R., Krieger, R., Reddy, S.M. A fast optimal robust path delay fault testable adder 73239
Becker, B., Schulenberg, Th. Achievements in gas turbine development 91355
Becker, B. *see* Drechsler, R. 73029
Becker, B. *see* Drechsler, R. 93234
Becker, B. *see* Drechsler, R. 93235
Becker, B. *see* Drechsler, R. 113062
Becker, B. *see* Gockel, N. 92500
Becker, B. *see* Hett, A. 113676
Becker, B. *see* Keim, M. 104479
Becker, C.R., Latussek, V., Spahn, W., Goschenhofer, F., Oehling, S., Landwehr, G. Molecular beam epitaxial growth and optical properties of (001) HgTe/Hg$_{1-x}$Cd$_x$Te superlattices 74443
Becker, C.R. *see* Behr, T. 72790
Becker, C.R. *see* Oehling, S. 74240
Becker, C.R. *see* von Truchsess, M. 74409
Becker, D. *see* Reschke, C. 109111
Becker, D.A. *see* Campbell, L.W. 117891
Becker, F. *see* Carius, R. 94896
Becker, F. *see* Larsen, V. 98689
Becker, G. *see* Bischof, M. 90579
Becker, G. *see* Cole, E.H. 79527
Becker, G. *see* Dolny, G. 69396
Becker, G. *see* Khormaei, R. 89376
Becker, G. *see* Smeins, L.G. 79529
Becker, H., Rupp, C., von Schickfus, M., Hunklinger, S. Multistrip couplers for surface acoustic wave sensor application 84746
Becker, H. *see* Mours, B. 100821
Becker, H. *see* Mours, B. 120196
Becker, H. *see* Von Schickfus, M. 106460
Becker, H.W. *see* Kubsky, S. 100756
Becker, J., Chatterjee, S. Development and evaluation of 400 kV XLPE cable system 121166
Becker, J. *see* Parpal, J.-L. 121168
Becker, J. *see* Skarman, B. 100145
Becker, J.W. *see* Hayashi, R. 112891
Becker, K. Solid state dosimetry standards 110968
Becker, K., Resch, U. Contact force simulation and study of the wear behaviour of high speed catenaries 112490
Becker, K. *see* Amirmadhi, F. 96557
Becker, K.-D. *see* Kiefer, U. 90865
Becker, K.H. *see* Wiesen, P. 70524
Becker, M. *see* Beylot, A.-L. 117999
Becker, M. *see* Hasse, H. 82015
Becker, M.E. A new method for computing director profiles [LCDs] 85129
Becker, M.F. *see* Jaemyoung Lee 115525
Becker, P. *see* Dorofeev, A. 94292
Becker, P.C. *see* de Barros, M.R.X. 65095
Becker, P.C. *see* de Barros, M.R.X. 107190
Becker, R., Grillo, A., Jacobsen, R., Johnson, R., Kipnis, I., Levi, M., Luo, L., Manfredi, P.F., Nyman, M., Re, V., Roe, N., Shapiro, S. Signal processing in the front-end electronics of BaBar vertex detector 110615
Becker, R. *see* Zimmermann, G. 61223
Becker, R.I., Morrison, N. The errors in FFT estimation of the Fourier transform 92653
Becker, S., Kratzer, M., Rohrmann, H., Roell, K. Influence of nitrogen surplus in SiN coverlayers on MO media 106591
Becker, T., Kramer, D., Kuchler, S., Stronisch, U., Korchuganov, V., Kuznetsov, N., Levichev, E. Prototype developement of the BESSY II storage ring magnetic elements 89791
Becker, T.C. *see* Cichon, D.J. 109413
Becker, T.C. *see* Kuchen, F. 119366
Becker, T.C. *see* Kuchen, F. 119368
Becker, U., Dohlus, M., Weiland, T. Three dimensional klystron simulation 74070
Becker, U., Weiland, T., Dohlus, M., Lutgert, S., Sprehn, D. Comparison of CONDOR, FCI and MAFIA calculations for a 150 MW S-band klystron with measurements 83763
Becker, U. *see* Ko, K. 105049
Becker, U. *see* Krietenstein, B. 94187
Becker, W. *see* Diekmann, V. 70001
Becker, W. *see* Erdmann, R. 119568
Becker, W. *see* Moenke, D. 113495
Becker, W.D. *see* McCredie, B.D. 95178
Becker Wehner, M. *see* Geib, R. 67535
Beckerman, M. *see* Uberbacher, E.C. 66873
Beckers, A.L.D. *see* Veenland, J.F. 80211
Beckers, J.M.J. *see* Gorner, K. 102410
Beckers, L. *see* Fluck, D. 64771
Beckers, L. *see* Schoning, M.J. 89046
Beckers, T. *see* Adam, K. 91894
Beckers, T. *see* Auffray, E. 110595
Beckers, U. *see* Stenzel, O. 75391
Beckert, A.M. *see* Sadowski, N. 71356
Beckert, K. *see* Steck, M. 79832
Beckert, K. *see* Steck, M. 120074
Beckert, K. *see* Winkler, T. 79836
Beckett, J. The Internet phenomenon 78085
Beckett, J. The impact of IT on education 103325
Beckett, P.M., Fleming, A.R., Foster, R.J., Gilbert, J.M., Whitehead, D.G. The laser in manufacture–its use in the soldering of electronic component assemblies 82193
Beckman, J. *see* Smoot, G.F. 99702
Beckman, M.G. *see* Lentine, A.L. 99018
Beckman, M.L. *see* Reiley, D.J. 88056
Becks, K.-H., Heijne, E.H.M., Middelkamp, P., Scharfetter, L., Snoeys, W. A multichip module, the basic building block for large area pixel detectors 62521
Becla, P. *see* Terry, I. 74232
Becla, P. *see* Thio, T. 74219
Becla, P. *see* Thio, T. 94365
Becourt, N. *see* Zekentes, K. 113319
Becvar, F. *see* Honzatko, J. 101006
Bedair, M.S. *see* Darwish, A.M. 66990
Bedard, B. *see* Pollman, M.D. 90886
Bedard, B. *see* Pollman, M.D. 90893
Bedard, B. *see* Titus, W. 83432
Beddo, M. *see* Huang, H. 119985
Beddoes, A.J. *see* Davies, A.M. 111665
Bede Liu *see* Minerva Yeung 99789
Bede Liu *see* Yong-Ching Lim 114125
Bedekar, A. *see* Thornton, K. 67485
Bedekar, A. *see* Xufei Liu 77316
Bedekar, A.S., Haralick, R.M. Finding corresponding points based on Bayesian triangulation 86371
Bedekar, A.S. *see* Zhang, X. 77154
Bedel, E. *see* Faini, G. 105409
Bederr, H. *see* Zorian, Y. 73906
Bedford, A.J. *see* Rice, B.W. 69260
Bedi, J. *see* Hachem, N. 108740
Bedi, J. *see* Hachem, N. 109041
Bedi, J.Singh *see* Singh Bedi, J.
Bedi, R.K. *see* Singh, T. 104006
Bedia, E.G. *see* Tye-Murray, N. 90601
Bedin, R., Beldishevski, M., Bellato, M., Burch, R., Canella, S., Capaldi, A., De Acuna, A., Ero, J., Katona, Z., Manes, N., Maron, G., Miron, C., Salvalaio, E. Fibre channel based event builder and network for the Euroball experiment 100983
Bednar, J. New spark plugs 103140
Bednar, T.R., Piro, R.A., Stout, D.W., Wissel, L., Zuchowski, P.S. Technology-migratable ASIC library design 113817
Bednarek, D.R. *see* Fletcher, L.M. 110785
Bednarek, D.R. *see* Rudin, S. 101236
Bednarek, S. Magnetodielectrics with an elastomeric matrix and their applications 75076
Bednarek, S. Classification criteria of dispersive ferromagnetic materials 115483
Bednarik, R. *see* Rafian, M. 101942
Bednorz, T. *see* Ostwald, O. 119575
Bedoia, S.A. *see* Vykhodets, A.V. 109849
Bedouani, M., Lambert, D., Kurzweil, K. Electrical performance of interconnects in polyimide-copper thin-film multilayers on ceramic substrate 62512
Bedoy, C., Bogy, D.B., Sullivan, M., Du, C., Chao, J.L., Russak, M. Surface roughness effects on flying characteristics of proximity recording heads 115686
Bedrossian, P.J. *see* Fernandez, A. 115521
Beduz, C., Yang, Y., Richardson, R.N., Norris, W.T. Magnetic energy storage using high temperature superconductors 81919
Beduz, C. *see* Yang, Y. 106671
Bedzyk, M.J. *see* Lyman, P.F. 92734
Beebe, B.R., Savage, C.R. Investigations of core radial power tilts 81274
Beebe, E., Hershcovitch, A., Kponou, A., Prelec, K., Alessi, J., Schmieder, R. Report on EBIS studies for a RHIC preinjector 90094
Beeby, S. Picking up good vibrations 69511
Beech, R.S., Anderson, J., Daughton, J., Everitt, B.A., Dexin Wang Spin dependent tunneling devices fabricated using photolithography 115876
Beech, R.S. *see* Pohm, A.V. 75253
Beech, R.S. *see* Pohm, A.V. 115875
Beeck, M.Op De *see* Op De Beeck, M.
Beecken, B.P., Fossum, E.R. Determination of the conversion gain and the accuracy of its measurement for detector elements and arrays 99974
Beeckman, W. *see* Jongen, Y. 101424
Beedy, J. *see* Eblen, J.P., Jr. 90703
Beehler, M.E. Reliability centered maintenance for transmission systems 121087
Beek, J.-J.van de *see* van de Beek, J.-J.
Beek, M.H.E.van der *see* van der Beek, M.H.E.
Beek, M.ter *see* ter Beek, M.
Beekman, F.J., Kamphuis, C., van Rijk, P.P., Viergever, M.A. Evaluation of 2D and 3D photon scatter detection kernels for quantitative SPECT reconstruction 101162
Beekman, F.J., Kamphuis, C., Viergever, M.A. Improved SPECT quantitation using fully three-dimensional iterative spatially variant scatter response compensation 101191
Beekman, F.J., Viergever, M.A. Comparison of 2D, combined 2D/3D and fully 3D iterative scatter compensation in SPECT 80232
Beekman, F.J. *see* Kamphuis, C. 90361
Beekman, F.J. *see* Kamphuis, C. 101159
Beeler, C.J., Humphrey, C.H., LePage, A.J., Pitkanen, M.E., Shepherd, O., Tilton, B. RAMOS near term observations 90795
Beeler, C.J. *see* Stair, A.T., Jr. 90796
Beeli, C. *see* Triscone, J.-M. 61195
Beeman, J.W. *see* Dubon, O.D. 62675
Beeman, J.W. *see* Holland, W.S. 79101
Been-Hwang Liao *see* Ji-Tsu Wu 118248
Beenakker, C. *see* Van Houten, H. 95088
Beene, G.L. *see* Terrill, R. 83662
Beeno, Y. A semi-automatic system for bacterial identification 69923
Beer, A.A. *see* Bailey, D.A. 66646
Beer, C.F.De *see* De Beer, C.F.
Beer, I., Ben-David, S., Eisner, C., Landver, A. RuleBase: an industry-oriented formal verification tool 83081
Beer, J.T.De *see* De Beer, J.T.
Beer, L. *see* Dudek, V. 84446
Beer, L. *see* Dudek, V. 106031
Beer, N.A.M.de *see* de Beer, N.A.M.
Beer, R.D. *see* Shih, A.H. 79620
Beer, W.den *see* den Beer, W.
Beerel, P.A., Cheng-Ta Hsieh, Wadekar, S. Estimation of energy consumption in speed-independent control circuits 73267
Beerel, P.A., Yun, K.Y., Wei-Chun Chou A heuristic covering technique for optimizing average-case delay in the technology mapping of asynchronous burst-mode circuits 113875
Beerel, P.A. *see* Yun, K.Y. 113909
Beerens, J. *see* Morris, D. 62909
Beernink, K.J. *see* Little, L.M. 107314
Beernink, K.J. *see* Sun, D. 96249
Beernink, K.J. *see* Sun, D. 96302
Beers, J.S. Measuring long gage blocks with the NIST line scale interferometer 79227
Beers, K.L. *see* DeFotis, G.C. 64242
Beers, M.I., Orzech, M.J. Interactive telecommunications in teacher education: the first year 92056
Beery, Y. *see* Amrani, O. 66519
Beeson, D. *see* Kuroda, T. 73204
Beet, S.W. *see* Baghai-Ravary, L. 117276
Beeteson, J.S., Hare, M. Environmentally conscious product design [of PC display monitors] 60739
Beetner, D.G., Arthur, R.M. Generation of synthetic-focus images from pulse-echo ultrasound using difference equations 120299
Beeuwkes, R., III *see* Zapolin, R.E. 112315
Begain, K. Discrete performance model of multiplexer in ATM networks with identical sources 117993
Begain, K., Jereb, L., Puliafito, A., Telek, M. On-off Markov reward models 92347

Begassat, Y., Fouad Hanna, V., Citerne, J. "FDTD" calculation of the input impedance of a microstrip antenna fed by a coplanar waveguide by coupling through a slot 65991
Begassat, Y., Ramboz, L.-A., Wong, M.-F., Fouad Hanna, V., Citerne, J. Modeling of an X-band planar balanced mixer with a mixed SPICE-FDTD program 114284
Begbie, H. *see* O'Hara, A. 75616
Begbie, M. *see* O'Hara, A. 85096
Beggs, B.C. *see* Wong, T.Y.K. 119165
Beggs, B.J. *see* Freer, J.A. 117875
Beghdadi, A. *see* Ben Amar, N. 98295
Beghi, A. On the relative entropy of discrete-time Markov processes with given end-point densities 97412
Beghi, A., Bertocco, M. A robust fault detection algorithm for the improvement of OTDR sensitivity 109692
Begley, P.A. *see* Lowther, R. 93858
Begovic, M.M., Djuric, P.M. Power system disturbance monitoring using spectrum analysis 121030
Begue, M.L. *see* Ghizzo, A. 79842
Beguenane, R., Benbouzid, M.E.H., Capolino, G.A. On-line identification of induction motor rotor parameters from terminal signals 121956
Beguenane, R., Benbouzid, M.E.H., Capolino, G.A. An electrical speed detection based on current line spectral analysis for induction motor drives 121984
Beguenane, R., Capolino, G.A. Induction motor rotor time constant measurement for vector control drives without rotary transducer 91822
Begueret, J.B., Benbrahim, R., Zhiqun Li, Rodes, F., Dom, J.P. An intracorporal telemetry for strain gage transducer 120266
Beguin, M., Wilmotte, S. Galvannealing at Segal by the square temperature-time cycle 112629
Begum, M. Country report [calibration of dosimeters and survey meters] 70286
Begum, S.R. *see* Hargreaves, T.A. 62612
Begun, V.N. *see* Tamelo, A.A. 73817
Beh, B. *see* Moore, R.K. 120772
Beh, B. *see* Moore, R.K. 120800
Beh, M., Kang, C., Natarajan, M., Radhakrishnan, M.K. Analysis of HBM and MM ESD failures in nMOS devices 74856
Beh, M.T.F. *see* Leslie, A.J. 106121
Behammer, D., Albers, J.N., Geppert, W., Bosch, B.G., Schuppen, A., Kibbel, H. Fully self-aligned double mesa SiGe-HBT with external transistor optimisation 105908
Behammer, D. *see* Krampe, S. 82664
Behar, K.L. *see* Jong-Hee Hwang 70088
Behar, M. *see* Herberts, M.R. 84092
Behar, V. *see* Kabakchiev, C. 119298
Behe, R. *see* Kossiavas, G. 97375
Behe, R. *see* Stubenrauch, C.F. 108058
Beheim, G., Salupo, C. Magnetron plasma etching of SiC for microstructures 94731
Behera, A.K., Beck, C.E., Alsammarae, A. Cable aging phenomena under accelerated aging conditions 91173
Behera, A.K., Beck, C.E., Alsammarae, A. Cable aging phenomena under accelerated aging conditions 102373
Behera, A.K. *see* Hussain, B. 91268
Behera, A.K. *see* Hussain, B. 102402
Behera, D.K. Optimux 68435
Behet, M., Hovel, R., Kohl, A., Mesquida, A., Kusters, M.A., Opitz, B., Heime, K. MOVPE growth of III-V compounds for optoelectronic and electronic applications 61279
Beheydt, S. *see* Schreurs, D. 83516
Behnaam Aazhang *see* Lim Nguyen 78926
Behne, D. *see* Holdener, F.R. 100432
Behnia, M. *see* Nakayama, W. 60632
Behnke, J.F. *see* Sicha, M. 113494
Behr, D. *see* Collier, C. 99727
Behr, G. *see* Werner, J. 113282
Behr, N. *see* Bossert, P. 80848
Behr, T., Einfeldt, S., Hommel, D., Becker, C.R., Landwehr, G., Cerva, H. Correlation between crystal defects and the band gap of epitaxially grown $Hg_{1-x}Zn_xSe$ on GaAs(001) 72790
Behr, T. *see* Hommel, D. 75944
Behr, T. *see* Wenisch, H. 74154
Behrend, J. *see* Hey, R. 62752
Behrend, M.P. Qualifying surface mount radio frequency connectors 114391
Behrendt, F., Deutschmann, O., Ruf, B., Warnatz, J. Numerical study of apparent activation energies of diamond growth rates in hot filament chemical vapor deposition systems 92795
Behrendt, F. *see* Ruf, B. 61402
Behrendt, F. *see* Ruf, B. 82622
Behrens, R.T. *see* Tuttle, G.T. 75262
Behrens, V., Honig, T., Kraus, A., Michal, R., Saeger, K.E., Schmidberger, R., Staneff, T. An advanced silver/tin oxide contact material 62426
Behres, A., Opitz, B., Werner, H., Kohl, A., Woitok, J., Geurts, J., Heime, K. Realization of $Ga_xIn_{1-x}As_zP_{1-z}/Ga_yIn_{1-y}As_zP_{1-z}$-superlattices with abrupt interfaces for optoelectronics at λ=1.55 μm 105335
Behres, A. *see* Opitz, B. 94558
Behrhorst, S.V. Digital receivers and DDS for base stations 78494
Behringer, M. *see* Hommel, D. 75944
Bei, N.A., Sokolov, P.V. Frequency-selective surfaces for multifrequency mirror antennas 108034
Bei Jiang *see* Jiang Bei
Bei Meiqing, Gao Fujiang The trigger technology of SCR in the temperature control for resistance furnaces 91941
Beichel, K.E. *see* Kassen, W.R. 102385
Beichman, C.A. *see* Yu Cao 108440
Beichter, J. *see* Baldanza, C. 69857
Beichter, J. *see* Baldanza, C. 100919
Beier, J. *see* Gal, D. 105135
Beier, J. *see* Moons, E. 74479
Beier, J. *see* Moons, E. 121882
Beierke, S. *see* von Altrock, C. 81461
Beierke, S. *see* von Altrock, C. 121486
Beigl, M., Rudisch, I., Bialek, T. System support for mobile computing 78566
Beihoff, B. A survey of torque transduction methodologies for industrial applications 91428
Beijerinck, H.C.W. *see* Fey-den Boer, A.C. 116487
Beijerinck, H.C.W. *see* Vugts, M.J.M. 94762
Beijerinck, H.C.W. *see* Vugts, M.J.M. 114926
Beijerinck, H.C.W. *see* Vugts, M.J.M. 114927
Beijerinck, H.C.W. *see* Vugts, M.J.M. 114929
Beijnhem, E.van *see* van Beijnhem, E.
Beijun Zhao *see* Weitang Li 80061
Beijun Zhao *see* Weitang Li 100828
Beil, J. Choosing a microcontroller 113961
Beilenhoff, K. *see* Dehe, A. 88997
Beilenhoff, K. *see* Dehe, A. 89018
Beilenhoff, K. *see* Heinrich, W. 107985
Beilenhoff, K. *see* Klingbeil, H. 85948
Beilin, S. *see* Lee, M.G. 105743
Beillard, B., Andrieu, J., Aubreton, T., Jecko, B. Modelling of electromagnetic propagation by finite differences: Combination with asymptotic methods 65770
Beillard, B., Andrieu, J., Jecko, B. Electromagnetic propagation modelisation by FDTD algorithm for RCS 68599
Beille, J. *see* Noudem, J.G. 106668
Beilstein, M., Grube, W., Schlender, F. COMS 900. A versatile communications server for El S electronic interlockings [rail traffic control] 118311
Beim, R.S. *see* Gerikh, V.P. 101688
Beim, R.S. *see* Malik, O.P. 70720
Beineke, S. *see* Jian Sun 81575
Beirlant, J. *see* Vynckier, C. 72464
Beirne, G. *see* Harrison, B. 67883
Beisel, U. *see* Schempp, A. 89703
Beisel, U. *see* Vormann, H. 100750
Beisinghoff, H. *see* Vydra, J. 96675
Beisinghoff, H. *see* Vydra, J. 107573
Beissner, K., Oosterbaan, W.A., Hekkenberg, R.T., Shaw, A. European intercomparison of ultrasonic power measurements 89582
Beisswanger, F. *see* Rheinfelder, C. 83456
Beisswanger, F. *see* Rheinfelder, C. 83484
Beisswanger, F. *see* Rheinfelder, C.N. 114334
Beister, G., Maege, J., Gutsche, D., Erbert, G., Sebastian, J., Vogel, K., Weyers, M., Wurfl, J., Daga, O.P. Simple method for examining sulphur passivation of facets in InGaAs-AlGaAs (λ=0.98 μm) laser diodes 65175
Beister, G., Maege, J., Sebastian, J., Erbert, G., Weixelbaum, L., Weyers, M., Wurfl, J., Daga, O.P. Stability of sulfur-passivated facets of InGaAs-AlGaAs laser diodes 96380
Beith, P. *see* Greiner, H. 90911
Beitler, M. *see* Shoupu Chen 101441
Beiu, V., Taylor, J.G. Direct synthesis of neural networks 62129
Bejan, A. The equivalence of maximum power and minimum entropy generation rate in the optimization of power plants 91316
Bejcek, W.E. *see* Nurmi, M.A. 109101
Bejczy, A.K. *see* Rovetta, A. 90549
Bejjani, E., Belfiore, J.-C., Leclair, P. Coherent detection for transmission over severely time and frequency dispersive multipath fading channels 66630
Bekakos, M.P., Efremides, O.B. An efficient parallel approach to reduce sparse matrices with invariant entries 92600
Bekefi, G., Volfbeyn, P., Wilson, I., Wuensch, W. Studies of the 32.98 GHz CERN-CLIC high gradient accelerating structure driven by the MIT free electron laser amplifier 110477
Bekefi, G. *see* Catravas, P. 76055
Bekefi, G. *see* Catravas, P. 96554
Bekefi, G. *see* Jerby, E. 107032
Bekefi, G. *see* Visosky, M.M. 105001
Bekefi, G. *see* Volfbeyn, P. 85542
Beker, B. *see* Bica, D. 97223
Beker, B. *see* Kong, M.J. 75069
Beker, H. *see* Antinori, F. 120156
Bekesi, J., Galambos, G., Pferschy, U., Woeginger, G.J. Worst-case analysis for online data compression 108189
Bekhaled, M. *see* Verhaege, T. 81171
Bekir, E.C., Kuo, C.-C.J., Lee, T.J. Target tracking via adaptive beamforming for mobile communication 119011
Bekkedahl, T. *see* Ciszek, T.F. 94725
Bekker, A. *see* Twitto, A. 113564
Bekki, K. *see* Yamamoto, T. 112001
Beksac, M.S., Odcikin, Z., Egemen, A., Karakas, U. An intelligent diagnostic system for the assessment of gestational age based on ultrasonic fetal head measurements 120358
Bekut, D., Ristanovic, Z., Zimonjic, M. The problem of back-up zero sequence protection in transformer stations with two distribution transformers 112027
Bekut, D.D., Popovic, D.S., Kojic, S.M. Mathematical models for simulation of active and reactive power of arc furnace as time dependent 82006
Bel, A., Vos, P.H., Rodrigus, P.T.R., Creutzberg, C.L., Visser, A.G., Stroom, J.C., Lebesque, J.V. High-precision prostate cancer irradiation by clinical application of an offline patient setup verification procedure, using portal imaging 90576
Bel, C.A. *see* Ramirez-Rosado, I.J. 102108
Belabbes, N.E. *see* Sokolowska, E. 109306
Belady, C.L. Design considerations for air cooling electronic systems in high altitude conditions 111051
Belaguli, V., Bhat, A.K.S. Operation of the LCC-type parallel resonant converter as a low harmonic rectifier 71414
Belaguli, V., Bhat, A.K.S. Analysis and design of hybrid parallel-series resonant converter 121594
Belaguli, V., Bhat, A.K.S. A hybrid resonant converter operated as a low harmonic rectifier with and without active control 121629
Belaid, S. *see* Lebrun, D. 79693
Belajev, A.A. *see* Danilov, O.B. 116364
Belakhdar, O., Ayel, J. Meeting scheduling: an application for protocols driven cooperation 87839
Belakin, V.Ye., Berezovskiy, S.V., Karnaukhov, I.M., Olefir, V.P., Teryayev, V.Ye., Tsiova, V.P. Numerical modeling of a 300-kW floating-drift klystron using the DISKLY program 74063
Bel'akov, N.A. *see* Pantsyrnyi, V.I. 95565
Bel'akov, N.A. *see* Pantsyrnyi, V.I. 95566
Belan, V.V., Osadchiy, S.I. Using canonical decomposition of spectral matrices to factor them 72409
Beland, S., Maslouhi, A., Saadaoui, H., Roy, C. AE and AU monitoring of degradation in composites due to high temperature exposure and mechanical loading 113604
Belani, J. *see* Nguyen, L. 92250
Belansky, J. *see* Sasik, J. 69084
Belansky, J. *see* Sasik, J. 99814
Belarbi, N., Gaiti, D. The feature interaction problem in the IN: In search of a global solution 98826
Belas, E., Franc, J., Toth, A., Moravec, P., Grill, R., Sitter, H., Hoschl, P. Type conversion of p-(HgCd)Te using H_2/CH_4 and Ar reactive ion etching 74607
Belas, E., Grill, R., Franc, J., Toth, A., Hoeschl, P., Sitter, H., Moravec, P. Determination of the migration energy of Hg interstitials in (HgCd)Te from ion milling experiments 74237
Belavic, D., Rocak, D., Mojstrovic, S., Hrovat, M., Pavlin, M. Characteristics of small size thick film resistors 62499
Belavic, D., Rocak, D., Plut, J.F., Hrovat, M., Pavlin, M. An evaluation of stability of small size untrimmed and laser trimmed thick film resistors 62500
Belavic, D. *see* Hrovat, M. 62378
Belavin, V.A., Grigor'yan, G.M., Koretsky, Y.P. The state of development high power cw CO-laser for industrial applications 107088
Belay, K.B., Llewellyn, D.J., Ridgway, M.C. Solid-phase epitaxial growth of amorphized GaAs: the influence of microscopic nonstoichiometry 113353
Belay, K.B., Llewellyn, D.J., Ridgway, M.C. Solid-phase epitaxial growth of amorphized GaAs: the influence of macroscopic nonstoichiometry 113370
Belazzouz, M. *see* Williams, M.E. 83657
Belcastro, C.M., Fischl, R. Upset detection for closed-loop laboratory HIRF testing of fault tolerant aircraft control computers 70388
Belchenko, Y. *see* Massmann, P. 110526
Belcher, B. *see* Alaruri, S.D. 119931
Belcher, R.A. *see* Moniri, M. 73473
Belden, C.J. *see* Huda, W. 80365
Beldishevski, M. *see* Bedin, R. 100983
Bele, Z. *see* Athanas, T. 73091
Belendez, A., Carretero, L., Fimia, A. Holographic optical elements in the presence of spherical aberration and focus error: some remarks on imaging quality 85769
Belendez, A., Fuentes, R., Pascual, I., Fimia, A. Holographic storage in bleached emulsion of N divergent object beams generated by a two-dimensional regular array: analysis of the signal-to-noise ratio 115991
Belendez, A. *see* Fimia, A. 96779
Belendez, A. *see* Fimia, A. 96823
Belendez, A. *see* Fimia, A. 116753
Belendez, A. *see* Fuentes, R. 95646
Belendez, A. *see* Fuentes, R. 96792
Belenguer, E., Atanackovic, D., McGillis, D., Galiana, F.D. Experiences with a knowledge-based system for insulation coordination in power system design 80960
Belenky, G.L., Reynolds, C.L., Jr., Kazarinov, R.F., Swaminathan, V., Luryi, S., Lopata, J. Effect of p-doping profile on performance of strained multi-quantum-well InGaAsP-InP lasers 96361
Belenky, G.L., Reynolds, C.L., Jr., Kazarinov, R.F., Swaminathan, V., Luryi, S.L., Lopata, J. Effect of

p-doping profile on performance of strained multi-quantum-well InGaAsP-InP lasers 96289
Belenky, V.Z. *see* Shapot, D.V. 81192
Belenov, E.M., Isakov, V.A., Kanavin, A.P., Smetanin, I.V. Electrodynamics of a high-power ultrashort pulse in Raman-active media 65428
Belentepe, B. A simple equivalent model for electromagnetically coupled microstrip patch antenna 65990
Beler, M.de *see* de Beler, M.
Beletski, N.N., Gasan, E.A. Nonlinear wave guided TE electromagnetic modes with closed dispersion curves 65816
Beletski, N.N., Gasan, E.A. Nonlinear electromagnetic waves in the film with step-like dielectric function 65831
Belfiore, J.-C. *see* Bejjani, E. 66630
Belford, G.G. *see* Kim, J.L. 87411
Belfore, L.A., II *see* Lenhardt, B.M. 107800
Belfort, M. *see* Michel, D. 66131
Belforte, G., Bertetto, A.M., Raparelli, T. Back pressure sensor for very high precision measurement 99903
Belforte, S., Dell'Orso, M., Donati, S., Gagliardi, G., Galeotti, S., Giannetti, P., Morsani, F., Passuello, D., Punzi, G., Ristori, L., Spinella, F., Zanetti, A.M. The SVT Hit Buffer 90230
Belforte, S., Dell'Orso, M., Donati, S., Gagliardi, G., Galeotti, S., Giannetti, P., Morsani, F., Passuello, D., Punzi, G., Ristori, L., Spinella, F., Zanetti, A.M. The SVT hit buffer 100984
Belhadj, C., Mohamedi, R., Lefebvre, S., Lagace, P.-J., Xuan-Dai Do Voltage stability modelling and real-time monitoring using expert system for operation assistance 70736
Belhadj, M., Aldemir, T. Some computational improvements in process system reliability and safety analysis using dynamic methodologies 81231
Belhadj, M. *see* Aldemir, T. 81285
Belhadj, M. *see* Casaubieilh, F. 82866
Belhadj, Z., El Assad, S., Saillard, J. Polarimetric characterization of a forest cover in SAR imagery 70471
Belhaire, E., Garda, P., Caviglia, D.D., Valle, M., Morgavi, G. Analog CMOS pseudo-random generator for the VLSI implementation of the Boltzmann machine 114178
Belhaire, E. *see* Dupret, A. 62118
Belhaire, E. *see* Dupret, A. 75774
Belhomme, R. *see* Nakra, H. 101715
Belhora, A.K., Pichon, L., Razek, A. Comparison of two absorbing boundary conditions for 3D Maxwell's equations 65768
Belhumeur, P.N., Hespanha, J.P., Kriegman, D.J. Eigenfaces vs. Fisherfaces: Recognition using class specific linear projection 67224
Belhumeur, P.N., Kriegman, D.J. What is the set of images of an object under all possible lighting conditions? 86393
Belhumeur, P.N. *see* Epstein, R. 117685
Belhumeur, P.N. *see* Hager, G.D. 86408
Beliaev, A.A. *see* Adams, J.H., Jr. 120616
Belic, L.I., Pozun, K. Capacitive thin film relative humidity sensor 89054
Belic, M.R. *see* Leonardy, J. 116728
Belien, P. *see* Gijs, M.A.M. 95353
Belikoff, S. *see* Karni, R. 103396
Belikov, S. *see* David, G. 80077
Belikov, S. *see* David, G. 100863
Belikov, S.V., White, S., Gutnikov, Yu.E., Denisov, A.G., D'yachkov, A.I., Zharkov, V.V., Kistenev, E.P., Kochetkov, V.I., Makeev, A.V., Mayatskii, V.A., Mel'nikov, E.A., Usachev, A.P. Characteristics of molded polystyrene scintillator for electromagnetic calorimeter of the PHENIX apparatus 120187
Belin, C., Bonvallot, D., Carre, C., Croutxe, C., Garel, C., Ley, C., Simonin, L., Turck, C., Lougnot, D.J. Photopolymer materials in optics 75396
Beling, C.D. *see* Panda, S. 62849
Beling, C.D. *see* Panda, S. 94526
Beling, C.D. *see* Reddy, C.V. 105479
Belingardi, G. *see* Audenino, A.L. 86244
Belisle, W.R., Sharma, A., Coleman, T.L. An optical reflectance technique for soil moisture measurement. I. Theory, description, and application 120869
Belitsky, V.Yu., Kollberg, E.L. Superconductor–insulator–superconductor tunnel strip line: Features and applications 114286
Beljonne, D. *see* Cornil, J. 75755
Beljonne, D. *see* Cornil, J. 96021
Belk, J.G. *see* Holmes, D.M. 82593
Belkasim, S.O., Ahmadi, M., Shridhar, M. Efficient algorithm for fast computation of Zernike moments 82361
Belkebir, K., Pichot, C., Bolomey, J.C., Berthaud, P., Cottard, G., Derobert, X., Fauchoux, G. Microwave tomography system for reinforced concrete structures 61505
Belkerdid, M.A. *see* Seybold, J.S. 88762
Belkerdid, M.A. *see* Seybold, J.S. 98365
Belkerdid, M.A. *see* Vigil, A.J. 86036
Belkov, S.A., Bondarenko, S.V., Dolgopolov, Y.V., Eroshenko, V.A., Kochemasov, G.G., Kulikov, S.M., Soloveva, M.N., Sukharev, S.A., Voronich, I.N. Investigation of the transverse SBS excitation in anisotropic crystals 116681
Bel'kov, S.A., Kochemasov, G.G., Kulikov, S.M., Novikov, V.N., Rukavishnikov, N.N., Sukharev, S.A., Voronich, I.N., Zaretski, A.I. Stimulated Raman scattering in frequency conversion crystals 85699
Bell, A. *see* Gibbons, W.M. 85118
Bell, A.J. *see* Glazounov, A.E. 64096
Bell, B. *see* Fabbricatore, P. 90191
Bell, B.M. *see* Dailey, D.J. 99403
Bell, D.D. *see* Kalafala, A.K. 102820
Bell, D.M., Maeder, A.J. Progressive technique for human face archiving and retrieval 108713
Bell, E.W. *see* Pikin, A.I. 90064
Bell, F.H., Joubert, O., Vallier, L. Polysilicon gate etching in high density plasmas. II. X-ray photoelectron spectroscopy investigation of silicon trenches etched using a chlorine-based chemistry 84185
Bell, F.H. *see* Ying Zhang 94761
Bell, G. On-ramp prospects for the information superhighway dream 87961
Bell, G.K. *see* Lewis, O.C. 121148
Bell, G.R., McConville, C.F., Jones, T.S. Plasmon excitations and accumulation layers in heavily doped InAs(001) 94367
Bell, G.S., Wilson, W.J. Coordinated controller design for position based robot visual servoing in Cartesian coordinates 77452
Bell, H. *see* Deis, G. 106719
Bell, H. *see* Nowotinick, M. 114436
Bell, H.C. L-resonator bandstop filters 83316
Bell, I.M. *see* Machado da Silva, J. 93613
Bell, J.D. *see* Endo, T.R. 70400
Bell, J.D. *see* Tate, A.R. 90378
Bell, J.F. *see* Manchester, R.N. 99704
Bell, J.M., Linnett, L.M. A model for the simulation of sidescan sonar 68729
Bell, J.M. *see* Russell, G.T. 90824
Bell, K.D., Boucher, R.H., Vacek, R., Hopkins, M. Assessment of large aperture lightweight imaging concepts 89154
Bell, K.D. *see* Law, G.W. 90670
Bell, K.R.W., Daniels, A.R., Dunn, R.W. Security-constrained reactive dispatch using fuzzy logic 91018
Bell, K.R.W., Daniels, A.R., Dunn, R.W. A fuzzy expert system for low-cost security-constrained reactive dispatch 101978
Bell, L.D. Evidence of momentum conservation at a nonepitaxial metal/semiconductor interface using ballistic electron emission microscopy 114819
Bell, L.D. *see* Buehler, M.G. 69073
Bell, L.D. *see* Buehler, M.G. 89035
Bell, M.L., Price, H.M. The simultaneous transmission of widescreen and 4:3 programmes 119374
Bell, M.R. Contiguous pulse binary integration analysis 86270
Bell, M.R. *see* Daba, J.S. 88673
Bell, M.R. *see* Jiann-Ching Guey 68546
Bell, M.R. *see* Jiann-Ching Guey 109426
Bell, M.R. *see* Munro, D.J. 90899
Bell, P., Cobb, K., Peacock, J. Optical power budget calculating tool for fibre in the access network 67964
Bell, P., Walling, R., Peacock, J. Costing the access network–an overview 67966
Bell, P. *see* Thomas, M.R. 67967
Bell, R.C., Prete, T.W., Stewart, J.T. Specification, development, and testing of the FT8-2 dry low NO$_x$ control system 111791
Bell, R.H., Jr. Using software to model and diagnose multiple faults 95140
Bell, R.M. Digital filtering for data compression in telemetry systems 99870
Bell, R.O., Prince, M., Wald, F.V., Schmidt, W., Rasch, K.D. A comparison of the behavior of solar silicon material in different production processes 103002
Bell, S. *see* Hatfield, J.V. 80133
Bell, S. *see* Vineis, C. 64024
Bell, S.C., McDonald, J.R., McArthur, S.D.J., Burt, G.M., Mather, R., Burt, S.M. Integrating model based diagnosis into a decision support system for protection engineers 111663
Bell, T.E. International science and technology museums. II 72101
Bell, T.E. *see* Gennissen, P.T.J. 84665
Bell, W., Bonivento, W., Cankocak, K., Cattai, A., Contri, R., De Min, A., Gorn, L., Navarria, F.L., Ragazzi, S., Szczekowsky, M., Tabarelli de Fatis, T., Tonazzo, A. Performance of an artificially aged module of the DELPHI HPC calorimeter 120174
Bella, E.V.R.Di *see* Di Bella, E.V.R.
Bellaire, G. Hashing with a topological invariant feature 87118
Bellaire, G., Schluns, K., Oppermann, K., Schimke, W. Matching using object models generated from photometric stereo images 67342
Bellaire, R.L., Kamen, E.W. A new implementation of the SME filter approach to multiple target tracking 108298
Bellan, D., Brandolini, A., Gandelli, A. Quantization effects in sampling processes 110067
Bellanca, G. *see* Massini, C. 99588
Bellando, J., Kothari, R. On image correspondence using topology preserving mappings 108620
Bellanea, G., Mini, M., Bassi, P., Falciasecca, G. Spectral estimation methods for increased efficiency in FDTD simulations 113266
Bellanger, J.-J. *see* Wendling, F. 110843
Bellanger, M. A DSP perspective of sigma-delta techniques and applications in communications 86252
Bellanger, M. *see* Gourgue, F. 68135
Bellanger, M.G. *see* Resende, L.S. 66815
Bellani, V., Perez, E., Zimmermann, S., Vina, L., Hey, R., Ploog, K. Modulation of Fano resonances by an external magnetic field in semiconductor quantum wells 62962
Bellani, V., Vina, L., Hey, R., Ploog, K. Modification of Fano resonances by resonant polaron coupling in bulk GaAs 114608
Bellaouar, A., Touzene, H. 3.3-V BiCMOS current-mode logic circuits for high-speed adders 93259
Bellaouar, A. *see* Abu-Khater, I.S. 113848
Bellard, L., Fauquet-Ben Ammar, C., Themlin, J.-M., Cros, A. Interaction between chromium and oxidized polyphenylquinoxaline surfaces 63435
Bellare, M., Canetti, R., Krawczyk, H. Keying hash functions for message authentication 97491
Bellare, M., Rogaway, P. The exact security of digital signatures: how to sign with RSA and Rabin 86074
Bellare, M., Yung, M. Certifying permutations: noninteractive zero-knowledge based on any trapdoor permutation 117161
Bellarmine, G.T., Urquhart, J. Wind energy for the 1990s and beyond 91409
Bellato, M. *see* Bedin, R. 100983
Bellato, M. *see* Ero, J. 100948
Bellaver, R. *see* Hibner, D. 87644
Bellazzini, R. *see* Angelini, F. 69127
Bellazzini, R. *see* Angelini, F. 80046
Bellazzini, R. *see* Gong, W.G. 90142
Bellei, T.A., O'Leary, R.P., Camm, E.H. Evaluating capacitor-switching devices for preventing nuisance tripping of adjustable-speed drives due to voltage magnification 103076
Bellemain, P. *see* Houzelle, S. 111334
Bellemore, D.G. *see* Davis, M.A. 89137
Bellens, R., Van den Bosch, G., Habas, P., Mieville, J.-P., Badenes, G., Clerix, A., Groeseneken, G., Deferm, L., Maes, H.E. Performance and reliability aspects of FOND: a new deep submicron CMOS device concept 106186
Bellens, R. *see* Degraeve, R. 95253
Bellens, R. *see* Groeseneken, G. 63680
Bellens, R. *see* Groeseneken, G.V. 63738
Beller, P. *see* Stiebing, K. 100749
Bellerive, B. *see* Stupak, P.R. 84980
Bellermann, J. *see* Wenger, G. 119194
Bellesis, G.H. *see* Chakraborty, A. 64260
Bellesis, G.H. *see* Lambeth, D.N. 64423
Bellet, D., Dolino, G. X-ray diffraction studies of porous silicon 94244
Bellet, D., Lamagnere, P., Vincent, A., Brechet, Y. Nanoindentation investigation of the Young's modulus of porous silicon 119893
Bellet, D. *see* Belmont, O. 94300
Bellet, D. *see* Buttard, D. 74566
Bellet, D. *see* Buttard, D. 94517
Bellet, F., Salotti, M., Garbay, C. An opportunist and cooperative approach for low level vision 67043
Belleville, M. *see* Bouvier, S. 95202
Belleville, M. *see* Delorme, N. 63894
Belleville, P.F. *see* Floch, H.G. 85244
Belleville, P.F. *see* Floch, H.G. 106930
Bellezza, D. *see* Woo, S.Y. 110885
Bellgard, M.I. *see* Dixon, M.W. 67599
Bellhouse, G.M., Whittington, H.W. Simulation of gaseous emissions from electricity generating plant 121343
Belli, P. Progress on WIMP search with low activity scintillators 80090
Belli, P. WIMP search with enriched xenon 80091
Belli, P. *see* Balzarotti, A. 120138
Belli, P. *see* Barabanov, I.R. 110568
Belli, P. *see* Cribier, M. 110538
Bellia, G., Finocchiaro, P., Loukachine, K., Agodi, C., Alba, R., Calabretta, L., Coniglione, R., Del Zoppo, A., Maiolino, C., Migneco, E., Piattelli, P., Raciti, G., Rifuggiato, D., Santonocito, D., Sapienza, P. MACISTE: the forward spectrometer for heavy ions at LNS-Catania 90238
Bellia, G., Finocchiaro, P., Loukachine, K., Agodi, C., Alba, R., Calabretta, L., Coniglione, R., Del Zoppo, A., Maiolino, C., Migneco, E., Piattelli, P., Raciti, G., Rifuggiato, D., Santonocito, D., Sapienza, P. MACISTE: the forward spectrometer for heavy ions at LNS-Catania 100996
Bellido, M.J. *see* Fortet, P. 112804
Bellina, F. Electrodynamic forces and stresses in the RFX toroidal field coils in fault conditions 95526
Bellina, F., Bettini, P., Chitarin, G., Trevisan, F., Stella, A. Plasma contour identification using multipole series expansion 116828
Bellina, F., Chitarin, G., Guarnieri, M., Pomaro, N., Trevisan, F. Methods for field error analysis in the magnetic configuration of RFX 107763
Bellina, F., Chitarin, G., Trevisan, F. Synthesis of the equilibrium induction field with specified stability properties in a toroidal device 65726
Bellina, F., Chitarin, G., Trevisan, F. Dynamic plasma contour identification using multipole series expansion 107718
Bellingham, J.G., Willcox, J.S. Optimizing AUV oceanographic surveys 90832
Bellingham, J.G. *see* Vaganay, J. 89493

Bellini, A. Asynchronous motor device control 121487
Bellini, A., Leone, A., Rovatti, R., Franchi, E., Manaresi, N. Analog fuzzy implementation of a perceptual classifier for videophone sequences 108423
Bellini, G. The Borexino experiment and the results of the Counting Test Facility 80103
Bellini, M. *see* Altucci, C. 96721
Bellini, M. *see* Banfi, G.P. 119909
Bellini, S. *see* Ferri, F. 68887
Bellisario, A.O., Gillick, L. Commercializing speech recognition: Providing the missing link 97618
Bellissard, L., Atallah, S.B., Kerbrat, A., Riveill, M. Component-based programming and application management with Olan 109176
Bellman, R. Will gigabit Ethernet steamroll the competition? 67832
Bello, L.Lo *see* Lo Bello, L.
Bellomo, G. *see* Ambrosio, G. 75373
Bellomo, J.P., Lebey, T. On some dielectric properties of PEN 95250
Bellomo, N. *see* Longo, E. 92604
Bellon, E. *see* Van Cleynenbreugel, J. 110719
Bellon, E.M. *see* Zhenghong Lee 70102
Bellone, S., Persiano, G.V., Strollo, A.G.M. Electrical measurement of electron and hole mobilities as a function of injection level in silicon 110350
Bellone, S., Rinaldi, N., Vitale, G.P., Cocorullo, G., Schweeger, G., Hartnagel, H.L. A two-dimensional analytical model of homojunction GaAs BMFET structures 84462
Bellone, S. *see* Persiano, G.V. 114568
Belloni, P. *see* Canciauro, G. 114213
Bellotti, E. *see* Cribier, M. 110538
Bellotti, R. *see* Barbiellini, G. 69722
Bellotti, V. *see* Dourish, P. 118534
Bellovin, S.M. *see* Cheswick, B. 117980
Bellutti, P., Boscardin, M., Soncini, G., Zen, M., Zorzi, N. On the choice of the optimum silicon substrate for CCD/CMOS technology 84610
Bellutti, P., Zen, M. Oxide growth effects in micron and submicron field regions–a comparison between wet and dry oxidation 114971
Bellutti, P. *see* Guardini, R. 116266
Bellutti, P. *see* Paccagnella, A. 74738
Bellutti, P. *see* Paccagnella, A. 106014
Belmans, R., Van Dommelen, D. An approach to teaching electrical energy 72118
Belmans, R. *see* De Weerdt, R. 81466
Belmans, R. *see* De Weerdt, R. 102724
Belmans, R. *see* Dolinar, D. 71316
Belmans, R. *see* Hameyer, K. 65744
Belmans, R. *see* Hameyer, K. 81101
Belmans, R. *see* Hameyer, K. 102193
Belmans, R. *see* Hameyer, K. 121529
Belmans, R. *see* Johansson, T.B. 81493
Belmans, R. *see* Mertens, R. 65737
Belmans, R. *see* Mertens, R. 107709
Belmans, R. *see* Van Dessel, M. 71233
Belmans, R. *see* Van Dessel, M. 91583
Belmont, O., Faivre, C., Bellet, D., Brechet, Y. About the origin and the mechanisms involved in the cracking of highly porous silicon layers under capillary stresses 94300
Belmonte, F. *see* Allotta, B. 80419
Belmonte, J., Zarrow, P. Advanced surface-mount manufacturing methods 114429
Belo, C.A. *see* Silva, N.S. 118837
Beloglazov, A., Martino, M., Nassisi, V. Electron beams induced by excimer lasers on metal targets 90113
Beloglazov, A., Martino, M., Nassisi, V. Excimer lasers induced electron beams on metal cathodes under a plasma effect 94177
Beloglazov, A.A., Valeiko, M.V., Nikitin, P.I. A resonant optoelectronic transducer for thin-film physical and chemical sensors 79590
Beloglazov, A.A. *see* Ksenevich, T.I. 69328
Beloglazov, A.A. *see* Nikitin, P.I. 64462
Beloglazov, V.I. *see* Tur, Yu.D. 89603
Belogorokhov, A.I., Belogorokhova, L.I. Infrared optical absorption coefficient behaviour due to valence band transitions in CdTe at temperatures (5-500) K 74145
Belogorokhov, A.I., Belogorokhova, L.I., Belov, A.G., Lakeenkov, V.M., Liberant, L.M., Smirnova, N.A. Atomic configuration and far-infrared optical spectra of lattice vibrations of Zn-Te and Cd-Te modes in $Cd_{1-x}Zn_xTe$ (x=0-0.2) 74189
Belogorokhov, A.I., Ivanchik, I.I., Ponomarev, S.V., Khokhlov, D.R., Slyn'ko, E.I. Selective photoconductivity induced in PbTe(Ga) by a local phonon mode 62781
Belogorokhov, A.I., Khokhlov, D.R. Infrared selective low-temperature photoconductivity spectra of the new infrared photodetector 79406
Belogorokhova, L.I. *see* Belogorokhov, A.I. 74145
Belogorokhova, L.I. *see* Belogorokhov, A.I. 74189
Belogurov, S., Bolozdynya, A., Churakov, D., Koutchenkov, A., Morgunov, V., Solovov, V., Safronov, G., Smirnov, G., Egorov, V., Medved, S. High pressure gas scintillation drift chamber with photomultipliers inside of working medium 100855
Belokurova, I.N. *see* Garnyk, V.S. 74091
Belomestnykh, S., Hartung, W., Flynn, G., Kirchgessner, J., Padamsee, H., Pisharody, M. Wakefields and HOMs studies of a superconducting cavity module with the CESR beam 89896
Belomestnykh, S., Hartung, W., Kirchgessner, J., Moffat, D., Muller, H., Padamsee, H., Veshcherevich, V. Comparison of the predicted and measured loss factor of the superconducting cavity assembly for the CESR upgrade 89897
Belomestnykh, S. *see* Gorniker, E. 100510
Belomestnykh, S. *see* Hartung, W. 90028
Belomestnykh, S. *see* Padamsee, H. 100471
Belongie, M. *see* Cheung, K. 120583
Beloous, K. *see* Ajinenko, I. 90197
Belopukhov, V. *see* Naumov, A. 110112
Belopukhov, V.N., Naumov, A.F., Zajakin, O.A., Volostnikov, V.G. Wave front sensor 119632
Belopukhov, V.N., Zajakin, O.A., Podvigin, V.N., Naumov, A.F. Form measurement sensor for rotation reflecting surfaces 110361
Belouet, C. Thin film growth by the pulsed laser assisted deposition technique 92915
Belouet, C. *see* Delabie, C. 62182
Belous, O. *see* Fursov, A. 93743
Belous, O.I., Kirilenko, A.A., Kornienko, V.K., Miroshnichenko, V.S., Fisun, A.I., Fursov, A.M. The oscillator of diffraction radiation with the spherical-angular echelette open resonator 105057
Belous, O.I., Olhovsky, I.P., Fisun, A.I., Fursov, A.M. Long frequency stabilization of quasi-optical Gunn-diode millimeter wave oscillator 73716
Belous, V.M., Mandel, V.E., Popov, A.Yu., Tyurin, A.V. Method for determining changes of 3-D hologram parameters during it's recording 85762
Belousenko, I.V. Explosion-proofing of gas supply objects with electrical equipment 102597
Belousov, M.V. *see* Kochereshko, V.P. 105323
Belousova, I.M., Grigorev, V.A., Danilov, O.B., Kiselev, V.M., Leonov, S.N., Novoselov, N.A., Semenov, V.E., Smirnov, V.A., Utkin, A.B. On the effective transportation of laser radiation through the atmosphere 120767
Beloussov, P.Ya. *see* Dubnistchev, Yu.N. 119951
Belov, A. *see* Derenchuk, V. 120079
Belov, A.G. *see* Belogorokhov, A.I. 74189
Belov, A.S., Derevyankin, G.E., Dudnikov, V.G., Klenov, V.S., Nechaeva, L.P., Plohinsky, Yu.V., Vasil'ev, G.A., Yakushev, V.P. Study of a polarized hydrogen ion source with deuterium plasma ionizer 120076
Belov, D.G. *see* Efimov, O.N. 112277
Belov, D.G. *see* Tokarev, A.B. 70411
Belov, M.M. Analysis of materials of heat sinks for injection lasers with internal acoustic modulation of radiation 85540
Belov, S.A., Sluguin, S.N. Necessary conditions for a domain optimization problem with various constraints 82500
Belov, S.V. *see* Astrova, E.V. 64960
Belov, S.Yu. *see* Tumanovskii, A.G. 71128
Belov, V.V., Velikodniy, Yu.A., Kleinman, I.A. The effect of B_2O_3 on the crystallization of zirconium titanate 104172
Belov, W. *see* Severgin, Yu. 89876
Belova, N.G. *see* Karas, V.I. 89742
Belova, N.I. *see* Rapoport, V.O. 80631
Belovolova, I.V., Maslyanitsyn, I.A., Savranskii, V.V., Shigorin, V.D. Nonlinear optical properties of Langmuir-Blodgett rhodamine dye films 85578
Belozerov, E.V. *see* Popov, A.G. 106624
Belozubov, Ye.M. *see* Pedorenko, N.P. 79386
Belpaire, A., Duhamel, T., Commandeur, H., Verrycken, W., Schillewaert, N. A survey on the diffusion of existing media and the attitude towards new multimedia services in Belgium 118631
Belquin, J.-M. *see* Leroux, H. 100287
Belquin, J.-M. *see* Williams, D.F. 100293
Belquin, J.M. *see* Tachafine, A. 62293
Belscher, K.M. *see* DeLiso, E.M. 89449
Belschner, R., Lehmann, M. Concepts and analysis of an ATM-based communication transfer protocol for distributed real-time systems 77990
Belschner, R., Lehmann, M. Conception and analysis of an ATM based communication transfer protocol for distributed real-time systems 87779
Belser, F.C. *see* Rimmer, R.A. 100661
Belser, F.C. *see* Wienands, U. 89916
Belsh, J. *see* Chokroverty, S. 90466
Belsky, V. *see* Fish, J. 72719
Belt, H.J.W., den Brinker, A.C. Laguerre filters with adaptive pole optimization 117421
Beltman, R.A.M. *see* Woudsma, R. 93412
Beltowska-Brzezinska, M. *see* Kopczyk, M. 91708
Beltowska-Brzezinska, M. *see* Wojcik, G. 121846
Beltram, F. *see* Pellegrini, V. 76111
Beltram, F. *see* Sorba, L. 105461
Beltrame, F., Pernice, A., Tagliasco, V. Telematics in healthcare 90255
Beltrami, D.R., Love, J.D., Durandet, A., Boswell, R.W., Samoc, A., Samoc, M., Luther-Davies, B. A planar graded index (GRIN) lens 75657
Beltramini, R. Concurrent engineering: information acquisition between high technology marketeers and R&D engineers in new product development 72170
Beltran, F.A., Fernandez de Velasco, D. A DSP-based reverberation system with graphic interface 97685
Beltran, J.R. *see* Artigas, J.I. 77106
Belugin, V.M. *see* Murin, B.P. 89773
Belverde, G., Letor, R., Magri, A., Saya, F. Performance of a new SMD power MOSFET in synchronous rectification 91613
Belverde, G., Letor, R., Magri, A., Saya, F. Performance of a new SMD power MOSFET in synchronous rectification 91644
Belyaev, A.A., Zhevlakov, A.P., Karel'skii, V.G., Konkin, S.V., Maksimov, Yu.P., Rebone, V.K., Spiridonov, S.B., Fedorov, I.A. Investigation of the mirror characteristics and optimisation of the cavity of a supersonic CW chemical laser emitting the first overtone of the HF molecule 75811
Belyaev, A.A., Zhevlakov, A.P., Karel'skii, V.G., Konkin, S.V., Maksimov, Yu.P., Spiridonov, S.B., Tret'yakov, N.E., Fedorov, I.A. Evolution of cavity mirrors in the process of lasing of an overtone CW ultrasonic chemical HF laser 116307
Belyaev, A.A. *see* Kuprenyuk, V.I. 116335
Belyaev, A.E., Vitusevich, S.A., Figielski, T., Glavin, B.A., Konakova, R.V., Kravchenko, L.N., Makosa, A., Wosinski, T. Effect of spacer layer on quantum interference in double-barrier resonant tunneling structures 105366
Belyaev, A.K., Irschik, H. Dynamic instability of electrodynamic shakers 107821
Belyaev, A.N. *see* Dunaev, A.S. 88825
Belyaev, B.A., Leksikov, A.A., Tyurnev, V.V. Microstrip technique for measuring microwave dielectric constant of solids 69444
Belyaev, B.I., Katkovsky, L.V., Kabashnikov, V.P., Nekrasov, V.P. Optical remote sounding of aerosol formations on the base of numerical simulation of the scattering radiation 111204
Belyaev, B.I., Katkovsky, L.V., Nekrasov, V.P. Laboratory and in-flight spectrometer calibration technique in visible and near infrared spectral ranges 111114
Belyaev, B.M. *see* Shenbrot, I.M. 89543
Belyaev, S., Malimonenko, N., Miroshin, A. High-contrast and fast nematic liquid crystal shutter for projection displays 89226
Belyaev, S.I. *see* Antipov, O.L. 76192
Belyaev, S.I. *see* Antipov, O.L. 96669
Belyaev, S.I. *see* Antipov, O.L. 116675
Belyaev, S.I. *see* Antipov, O.L. 116682
Belyaev, S.V. *see* Lukishova, S.G. 116593
Belyaev, V. *see* Kuznetsov, A. 95860
Belyaev, V. *see* Smirnov, A. 85127
Belyaev, V.A. *see* Bezotosnyi, A.A. 116913
Belyaev, V.S. *see* Il'inykh, Yu.S. 80667
Belyaev, V.V., Kovtonyuk, N.F. Liquid crystals in spatial light modulators 95845
Belyaev, V.V., Lapshin, A.N., Kuznetsov, A.B., Dvulichanskaya, N.N., Kovtonyuk, N.F. The technology of the spatial light modulator with films of ferroelectric liquid crystal and amorphous silicon 106871
Belyaeva, G.M., Dil'man, M.D., Popyrin, L.S., Popyrin, S.L., Khrilev, L.S. Statistical simulation of cascade breakdowns in complex power systems 90940
Belyaeva, T.A., Sosnovsky, Yu.M. Microwave dielectric behavior of wet soils in region of transition moisture 120871
Belyakov, A.A., Mal'tsev, A.A. An adaptive system for active cancellation of the acoustic field with an auxiliary identification channel 76995
Belyakov, A.A., Mal'tsev, A.A. Influence of quantization error on the performance of an adaptive transversal filter 83231
Belyakov, A.V., Brytkov, G.A., Malov, A.N. Effect of the spectral instability of ruby laser double pulses on the holographic interferogram recording of dynamic strains 85733
Belyakov, V. *see* Mondino, P.-L. 64567
Belyakov, V.V. *see* Emelianov, V.V. 74739
Belyakov, V.V. *see* Emelianov, V.V. 106017
Belyakov, V.V. *see* Pershenkov, V.S. 106020
Belyakov-Bodin, V.I., Andreev, A.M., Dubinsky, V.D., Samsonova, Yu.I., Sherstnev, V.A. Calorimetric measurements of the spatial component of heat deposition in targets from lead and bismuth bombarded by medium-energy protons 79985
Belyakov-Bodin, V.I., Andreev, A.M., Dubinsky, V.D., Samsonova, Yu.I., Sherstnev, V.A. Calorimetric measurements of the spatial component of heat deposition in targets from beryllium, carbon, and aluminium bombarded by medium-energy protons 120120
Belyanchenko, S.A. *see* Brekhovskikh, V.V. 80013
Belyansky, L.B. *see* Astrov, D.N. 69553
Belyavsky, B.A., Solovjov, A.N., Myasin, Ye. A., Tseytlyn, M.B. Powerful MM-wave multibeam O-type oscillator with an open resonator 94196
Belyavsky, B.A. *see* Zhimov, V.V. 73972
Belyi, V.I. *see* Bessergenev, V.G. 104131
Belyi, V.N., Gusak, N.A., Petrov, N.S., Zimin, A.B. Multilayer magnetooptic systems based on manganese arsenide for recording and reading information 85147
Belyi, Yu.N. *see* Devyatkov, N.D. 110881
Belykh, V.G., Dalakyan, A.T., Tulupenko, V.M., Firsov, D.A. On the influence of uniaxial pressure on effects of hot holes in germanium under longitudinal electric fields 105109
Belytschko, T. *see* Krongauz, Y. 72591
Belz, C., Bergold, M., Hackelmann, H., Strack, R. Animation within mobile multimedia on-line services 118576
Belz, C., Bohm, K., Duong, T., Kuhn, V., Weber, M. Marking spatial parts within stereoscopic video images 101216

Belzer, B., Villasenor, J.D. Symmetric trellis coded vector quantization 86079
Belzer, B. *see* Jain, R. 87669
Bemabei, S., Goranson, P., Greenough, N., Swain, D. A modified lower hybrid coupler for TPX 76629
Bemis, T.M. *see* Hargreaves, T.A. 62612
Bemporad, C. *see* Baldini, A. 62650
Bempt, L.Van Den *see* Van Den Bempt, L.
Ben Amar, N., Beghdadi, A., Viaris de Lesegno, P. An all-digital method for accurate measurements of mechanical deformations 98295
Ben Amor, S. *see* Riviere, V. 115365
Ben Ayadi, Z., Gaugue, A., Degardin, A., Caristan, E., Kreisler, A., Fourrier, M., Redon, M. Thermal model for the bolometric response of YBaCuO films on polycrystalline YSZ at 10.6 μm wavelength 95479
Ben Chorin, M. *see* Kovalev, D. 94269
Ben Chorin, M. *see* Kux, A. 94311
Ben Driss, K. *see* Kieny, C. 61584
Ben Letaief, K. *see* Hui, L.C. 68064
Ben Mehrez, M. *see* Olioso, A. 111339
Ben Romdhane, Y., Berkouk, E., Manesse, G. PWM control of single phase converter with five-level voltage feeding inductive load 102883
Ben Yu-Kuang Hu, Flensberg, K. Electron-electron scattering in linear transport in two-dimensional systems 63069
Ben-Abdennour, A., Lee, K.Y. A decentralized controller design for a power plant using robust local controllers and functional mapping 81307
Ben-Abdennour, A., Lee, K.Y. An autonomous control system for boiler-turbine units 81308
Ben-Amar Baranga, A. *see* Kalisky, Y. 96678
Ben-Ami, U. *see* Orenstein, M. 107324
Ben-Arie, J., Rao, K.R., Zhiqian Wang A neural network approach for shape description and invariant recognition 77307
Ben-Arie, J., Wang, Z., Rao, K.R. Gaussian kernels for affine-invariant iconic representation and object recognition by multi-dimensional indexing 86912
Ben-Arie, J. *see* Raghunath Rao, K. 77160
Ben-Arie, J. *see* Wang, Z. 86497
Ben-Aryeh, Y. *see* Jann, A. 65275
Ben-Avraham, E. Mid-level C-like programming language and compiler for a dedicated DSP vector processor 93444
Ben-Chorin, M. *see* Diener, J. 94268
Ben-David, E. *see* Sturlesi, B.E. 70584
Ben-David, R. *see* Abe, K. 69708
Ben-David, R. *see* Abe, K. 69726
Ben-David, S. *see* Beer, I. 83081
Ben-Dor, L. *see* Jardim, R.F. 84854
Ben-Ezra, M., Peleg, S., Rousso, B. Motion segmentation using convergence properties 77158
Ben-Ren Zhu *see* Zhu Ben-Ren
Ben-Shalom, O. *see* Sa'ar, A. 62841
Ben-Yaakov, S. High performance planar transformers for HF power converters 62393
Ben-Yaakov, S., Adar, D., Rahav, G. A SPICE compatible behavioral model of SEPIC converters 121711
Ben-Yaakov, S., Rahav, G. Average modeling and simulation of series-parallel resonant converters by SPICE compatible behavioral dependent sources 71413
Ben-Yaakov, S. *see* Abramovitz, A. 121675
Ben-Yaakov, S. *see* Adar, D. 102877
Ben-Yaakov, S. *see* Ivensky, G. 71438
Ben-Yaakov Sam *see* Sam Ben-Yaakov
Ben-Yosef, G.G. Eye on superhubs 78074
Ben-Yosef, G.G. Low-end hubs look for respect 87682
Ben-Zvi, I. *see* Babzien, M. 96556
Ben-Zvi, I. *see* Ingold, G. 96564
Ben-Zvi, I. *see* Palmer, D.T. 89709
Ben-Zvi, I. *see* Palmer, D.T. 100527
Ben-Zvi, I. *see* Qiu, X. 69654
Ben-Zvi, I. *see* Qiu, X.Z. 100561
Ben-Zvi, I. *see* Qiu, X.Z. 100988
Ben-Zvi, I. *see* Solomon, L. 96475
Ben-Zvi, I. *see* Wang, X.J. 89699
Ben-Zvi, I. *see* Wang, X.J. 96485
Benabbas, T., Francois, P., Androussi, Y., Lefebvre, A. Stress relaxation in highly strained InAs/GaAs structures as studied by finite element analysis and transmission electron microscopy 105329
Benabdesselam, M., Iacconi, P., Lapraz, D., Serbat, A., Laugier, J., Dhermain, J. Qualification of specially prepared clothing material for gamma dosimetry: application to mixed neutron-photon radiation fields 110987
Benahmed, M. *see* Singh, N. 90998
Benaissa, K., Lu, Y., Nathan, A. Design and fabrication of ARROW thermo-optic modulators 75562
Benaissa, K., Nathan, A. High sensitivity, unambiguous pressure detection with micromechanical Mach-Zehnder interferometry 69071
Benaissa, K., Nathan, A. ARROW-based integrated optical pressure sensors 79370
Benaissa, K., Nathan, A. A novel IC compatible push-pull Mach-Zehnder interferometer optomechanical pressure sensor 89042
Benaissa, K., Nathan, A. IC compatible optomechanical pressure sensors using Mach-Zehnder interferometry 110078
Benaissa, K., Nathan, A., Chu, S.T., Huang, W.F. Simulation and fabrication of ARROW directional couplers 75563
Benaissa, K. *see* Nathan, A. 95706
Benaissa, M. *see* Fenn, S.T.J. 93309
Benaissa, M. *see* Lefakis, H. 64387
Benali, A. *see* Vaucher, C.L. 82159
Benali, H. *see* Pelegrini, M. 80225
Benalloul, P. *see* Zeinert, A. 96009
Benamar, A. *see* Scalart, P. 68159
Benamar, R., Bernard, J., Khoudeir, M., Zouggar, A. Frequency study of the admittance of the heterojunction $Ga_{0.2}Al_{0.8}As(N)/Ga_{0.6}Al_{0.4}As(P)$ under direct polarisation 94488
Benamar, S. *see* Ghenaim, A. 110374
Benamara, M. *see* Laporte, A. 63202
Benamara, Z. *see* Bideux, L. 82736
Benard, M. *see* Costa, M. 90231
Benard, M. *see* Costa, M. 100982
Benas, J.C. *see* Vacheron, O. 91288
Benati, A., Butturi, M.A., Capperdoni, C., Carotta, M.C., Martinelli, G., Merli, M., Passari, L., Sartori, G., van Steenwinkel, R., Youssef, G.M. Comparison between normal and reverse thin crystalline silicon solar cells 121897
Benattar, J.-J. *see* Gautier, E. 96028
Benatti, F. Entropy of a subalgebra and quantum estimation 117111
Benavent, J.M. *see* Dede, E.J. 119983
Benavides, J. *see* Rose, A. 121027
Benayad-Cherif, F., Gordon, S.J., Stoops, D. On-line 3D sensor for accurate measurement of complex surface areas and volumes 79551
Benayoun, S., Kharitonsky, D., Zilberman, A., Peleg, S. Local quantitative measurements for cardiac motion analysis 70024
Benbouzid, M.E.H., Reyne, G., Meunier, G. Modelling of the magneto-mechanical coupling in linear magnetostrictive motors 71354
Benbouzid, M.E.H. *see* Beguenane, R. 121956
Benbouzid, M.E.H. *see* Beguenane, R. 121984
Benbrahim, R. *see* Begueret, J.B. 120266
Bench, G.S. *see* Hildner, M.L. 69893
Bencharab, C. *see* Verhaege, T. 81171
Bencherif, H. *see* Molinaro, F. 111201
Benchimol, J.L., Ancilotti, M. Simple high conductance gas line for high growth rate and low transient 103861
Benchimol, J.L. *see* Cohen, G.M. 74535
Benchimol, J.L. *see* Koumetz, S. 83852
Benchimol, J.L. *see* Lamare, B. 103875
Benchimol, J.L. *see* Launay, P. 63596
Benchimol, J.L. *see* Legay, P. 103935
Benchimol, J.L. *see* Sachelarie, D. 94943
Benchimol, J.L. *see* Sermage, B. 105145
Benchimol, J.L. *see* Theys, B. 94360
Bencomo, J.A. *see* Davis, M.G. 80442
Bencs, L. *see* Peter, A. 106754
Bencze, G.L. *see* Arefiev, A. 100805
Bencze, Gy.L. *see* Arefiev, A. 69787
Bencze, L., Gobl, N., Palotas, B., Vajda, I. Serial and parallel power equipment with high-temperature superconducting elements 121237
Bencze, L. *see* Kirschner, I. 115892
Benda, B. *see* Anischenko, N.G. 120106
Benda, B. *see* Ball, J. 120096
Benda, B. *see* Bazhanov, N.A. 69699
Benda, O. *see* Enokizono, M. 96915
Benda, S. Earthing and shielding 65884
Benda, S. EMI immunity and EMC with electronic process control and telecomms equipment 107945
Benda, V., Cernik, M., Stepkova, D. Soft reverse recovery power diodes diffused with iridium 115153
Bendada, E., De La Bardonnie, M., Mialhe, P., Charles, J.-P. Diode ideality factor for MOSFETs characterization of dose effect 84384
Bendada, E., de la Bardonnie, M., Mialhe, P., Charles, J.-P., Blampain, E., Hoffmann, A. Radiation induced degradation in power MOSFETs 106022
Bendada, M., Mialhe, P., Charles, J.P. Diode parameter determination as applied to MOSFETs for radiation effects characterization 74736
Bendahan, M., Seguin, J.-L., Carchano, H. The making and characterization of a Schottky barrier using NiTi shape memory alloy as rectifying contact 63123
Bendak, M.B., Fellman, R.D., Chau, P.M. CMOS VLSI implementation of gigabyte/second computer network links 118503
Bendall, C.A., Peterson, W.A. An EV on-board battery charger 71817
Bendall, I. *see* Nener, B.D. 69265
Bendamardji, S., Alayli, Y., Huard, S. Remote CO_2 optical fibre sensor by molecular absorption at 4.3 μm 69344
Bendelac, G. Simulating ASDSPs using PINE ASSYST 93441
Bendelli, G., Burzio, M., Gambini, P., Puleo, M. Performance assessment of a photonic ATM switch based on a wavelength-controlled fiber loop buffer 78316
Bendelli, G. *see* Masetti, F. 78317
Bender, A. MILP based task mapping for heterogeneous multiprocessor systems 113678
Bender, B. *see* Fliflet, A.W. 104173
Bender, D., Fister, J. Performance characteristics of a new tin coating for electric and electronic interconnections 114398
Bender, E. *see* CuQlock-Knopp, V.G. 89297
Bender, H. *see* de Boeck, J. 61283
Bender, H. *see* De Boeck, J. 64201
Bender, H. *see* Jin, S. 114864
Bender, H. *see* Rotondaro, A.L.P. 74541
Bender, H. *see* Tavares, J. 92728
Bender, H. *see* Torres, A. 79423
Bender, H. *see* Wu, M.F. 113445
Bender, K. *see* Nikolora, E. 110018
Bender, M., Zemp, R., Ineichen, R. Influence of electric arc furnace pressure on power consumption 91944
Bender, S. *see* Budde, W. 93622
Benderskaya, L.P., Morozov, E.G., Borisov, S.A., Novikov, A.I. Broad- and narrow-band lamp luminophors 75716
Bendi, S. *see* Peartona, S.J. 105271
Bendic, V. Some marketing consideration on CANDU technology 91276
Bendickson, J.M. *see* Scalora, M. 105842
Bending, S.J. *see* Nash, G.R. 105419
Bendjima, B., Feliachi, M. Finite element analysis of transient phenomena in electromagnetic forming system 71937
Bendjima, B., Feliachi, M. A coupling model for analysing dynamical behaviours of an electromagnetic forming system 107818
Bendl, J., Schreier, L. Two-phase short-circuit in power network with asynchronous generator 80749
Bendriem, B. *see* Trebossen, R. 70077
Bendriem, B. *see* Trebossen, R. 90446
Bendriem, B. *see* Vera, P. 101130
Bendtsen, C. Highly stable parallel Runge-Kutta methods 72666
Benech, P., Chambered, E., Monllor, C. Acceleration measurement using PVDF 110081
Benech, Ph. *see* Ngalamou, L. 106394
Benecke, W. *see* Schulze, S. 63849
Benedek, R. *see* Grein, C.H. 113390
Beneder, M., Hofer, S., Jahn, G., Blumelhuber, F. Simulation based prediction of energy consumption for steel plants 112631
Benedetto, G., Gavioso, R.M., Spagnolo, R. Measurement of speed of sound in a gas-filled acoustic resonator 110468
Benedetto, G.E.De *see* De Benedetto, G.E.
Benedetto, S., Garello, R., Mondin, M., Trott, M.D. Rotational invariance of trellis codes. II. Group codes and decoders 66280
Benedetto, S., Garello, R., Montorsi, G. Canonical structure for systematic rate k/n convolutional encoders and its application to turbo codes 66547
Benedetto, S., Montorsi, G. Serial concatenation of block and convolutional codes 66379
Benedetto, S., Montorsi, G. A new decoding algorithm for geometrically uniform trellis codes 66522
Benedetto, S., Montorsi, G. Design of parallel concatenated convolutional codes 66523
Benedetto, S., Montorsi, G. Iterative decoding of serially concatenated convolutional codes 76778
Benedetto, S., Montorsi, G. Design guidelines of parallel concatenated convolutional codes 86065
Benedetto, S. *see* Trott, M.D. 66279
Benedetto-Neto, H. *see* Araujo, C.S. 112847
Benedickter, H. *see* Biber, C. 114287
Benedickter, H. *see* Morf, T. 106242
Benedickter, H. *see* Schefer, M. 114302
Benedict, J. *see* Stengl, R. 63330
Benedict, J.P., Anderson, R.M., Klepeis, S.J. Cross sectioning materials for TEM analysis using the tripod polisher 94739
Benedikt, S. Incorporating risk-attitudes of decision-makers into decisions 103571
Benediktsson, J.A., Arnason, K., Hjartarson, A., Landgrebes, D.A. Classification and feature extraction with enhanced statistics 111091
Benediktsson, J.A. *see* Sveinsson, J.R. 111152
Benedittis, R.de *see* de Benedittis, R.
Beneking, C. *see* Kubon, M. 103022
Beneking, C. *see* Rech, B. 103021
Beneking, H. The collector function in semiconductor devices 105838
Benelbar, R., Huyart, B., Bosisio, R.G. Microwave noise characterization of two-port devices using an uncalibrated tuner 114285
Benelbar, R. *see* Huyart, B. 69465
Benelli, G. *see* Alparone, L. 67117
Benelli, G. *see* Alparone, L. 86973
Benelli, G. *see* Andreadis, A. 111087
Benenson, R.E., Chen-Mayer, H.H., Sharov, V. A portable time of flight system for thermal and cold neutron applications 110618
Benenson, W. Upgrade plans for the National Superconducting Cyclotron Laboratory 69592
Benes, E. *see* Thalhammer, R. 69070
Benes, J. A-S drives power floating pipe plant 71966
Benes, L. *see* Lostak, P. 92659
Benesch, J. *see* Reece, C. 100418
Benesty, J. *see* Amand, F. 67997
Benevello, O. *see* Augustin, D. 76650
Benevello, O. *see* Schneider, E. 66117
Benezech, A. *see* Rouch, H. 113497
Benezech, D. *see* Bezerra, F. 73463
Benezech, D. *see* Bezerra, F. 104599
Benfatto, I., Mondino, P.L., Roshal, A., Coletti, A., Hrabal, D., Maschio, A., Piovan, R., Tenconi, S.,

Bulgakov, S., Kuchinski, V. AC/DC converters for the ITER Poloidal Field system 112060
Benfatto, I. *see* Gaio, E. 102885
Benfatto, I. *see* Roshal, A. 102884
Benferhat, R. *see* Kildemo, M. 104089
Benford, J. Making HPM practical 62597
Beng Ghee Teh *see* Cloutier, G. 69948
Beng Huat Chua *see* Chua Beng Huat
Benghalia, A. *see* Benhabiles, M.T. 115255
Benghiat, K. *see* Atkins, S.L. 92065
Bengiamin, N.N. *see* Swain, N.K. 91149
Bengio, S., Fessant, F., Collobert, D. Use of modular architectures for time series prediction 92439
Bengtsson, C. Status and trends in transformer monitoring 91593
Bengtsson, C. Status and trends in transformer monitoring 102785
Bengtsson, C. *see* Eriksson, T. 102814
Bengtsson, E. Computer assisted analysis of medical X-ray images 70095
Bengtsson, J. Kinoform-only Gaussian-to-rectangle beam shaper for a semiconductor laser 96770
Bengtsson, J. *see* Ming Li 95770
Bengtsson, J. *see* Ming Li 116751
Bengtsson, L., Garcia, M., Karlsson, C., Rorsman, N., Zirath, H., Angelov, I. Characterization and large signal modeling of InP HEMT devices 114274
Bengtsson, L. *see* Angelov, I. 115236
Bengtsson, M. *see* Starkhammar, H. 70097
Bengtsson, P. *see* Johansson, F. 66069
Bengtsson, S. Characterization of thin SOI layers 60680
Bengtsson, S., Bergh, M., Choumas, M., Olesen, C., Jeppson, K.O. Applications of aluminium nitride films deposited by reactive sputtering to silicon-on-insulator materials 105490
Bengtsson, S. *see* Bergh, M. 63369
Bengtsson, S. *see* Edholm, B. 63900
Bengtsson, S. *see* Ericsson, P. 63155
Bengtsson, S. *see* Ljungberg, K. 63371
Bengtsson, S. *see* Ljungberg, K. 63383
Bengu, G., Swart, W. A computer-aided, total quality approach to manufacturing education in engineering 112760
Benguigui, L., Weil, R., Chack, A., Muranevich, E., Nkum, R. Influence of ferroelectricity on the electrical properties of $Cd_{1-x}Zn_xTe$ solid solutions 94324
Benhabib, B. *see* Bonen, A. 69016
Benhabib, B. *see* Qamhiyah, A.Z. 108521
Benhabib, B. *see* Saad, R.E. 69088
Benhabiles, M.T., Benghalia, A. Modelling of traveling-wave dual-gate MESFET S-parameter computer oriented analysis 115255
Benham, H.C., Raymond, B.C. Information technology adoption: evidence from a voice mail introduction 67713
Benhama, A., Williamson, A.C., Reece, A.B.J. Computation of electromagnetic forces from finite element field solutions 65607
Benhenda, S., Benjemaa, N., Bourir, M. Effect of pulse plating parameters on electrical contact behaviour of nickel coatings 62414
Benhocine, A. *see* Grigorov, K.G. 95480
Benidir, M. Expression of the derivative of a polynomial in terms of its shifted versions and application to the polynomial Wigner-Ville distribution 66661
Benidir, R. On the root distribution of general polynomials with respect to the unit circle 117377
Beniguel, Y. *see* Lenormand, R. 65986
Benilov, M.S. *see* Almeida, R.M.S. 112590
Benincasa, F. *see* Catelani, M. 111150
Bening, V.E. Convergence rate estimates under alternatives for L- and R-statistics 103799
Benini, L., De Micheli, G. Automatic synthesis of low-power gated-clock finite-state machines 73264
Benini, L. *see* Bogliolo, A. 82867
Benistant, F., Guegan, G., Tedesco, S., Martin, F., Heitzmann, M. A 0.10 μm NMOS transistor with heavy ion implanted pockets (HIIP) 84408
Benisty, H. Modal analysis of optical guides with two-dimensional photonic band-gap boundaries 75519
Benitez, H., Fairley, R. Software improves EMC testing 76497
Benitez, J.-M. *see* Simondi-Teisseire, B. 116453
Benitez, J.J., Centeno, M.A., Louis dit Picard, C., Merdrignac, O., Laurent, Y., Odriozola, J.A. In situ diffuse reflectance infrared spectroscopy (DRIFTS) study of the reversibility of CdGeON sensors towards oxygen 110266
Benitez, J.M. *see* Burshtein, Z. 110412
Benito, G.De *see* De Benito, G.
Beniya, N., Kawada, M., Yamashiki, T. 66/6 kV 30 MVA distribution substation 121814
Benizri, D. *see* Cowache, C. 84815
Benjamin, H. *see* Singh, A. 74966
Benjamin, J. *see* Ahrens, L.A. 79924
Benjamin, M. *see* Casaubieilh, F. 82866
Benjamin, R. *see* Griffiths, H.D. 68714
Benjamin, R. *see* Kaya, I. 77549
Benjamin, S.D., Loka, H.S., Othonos, A., Smith, P.W.E. Ultrafast dynamics of nonlinear absorption in low-temperature-grown GaAs 62702
Benjamin, S.D. *see* Mitchell, D.B. 82672
Benjamin, S.D. *see* Qian, L. 76131
Benjegerdes, R., Faltens, A., Fawley, W., Peters, C., Reginato, L., Stuart, M. Design and testing of the magnetic quadrupole for the Heavy Ion Fusion Program 89806
Benjegerdes, R. *see* Abraham, W. 89701
Benjemaa, N. *see* Benhenda, S. 62414
Benkais, M. *see* Dallet, D. 114036
Benke, K.K., Hedger, D.F. Normalization of brightness and contrast in video displays 120831
Benkelman, C.A. *see* Stow, D. 111340
Benker, M. *see* Schlabbach, J. 120957
Benkhoris, M.F., Ait-Ahmed, M. Discrete speed estimation from a position encoder for motor drives 121991
Benkhoris, M.F., Gayed, A. Discrete sliding control technique of DC motor drive 121989
Benkner, T., David, K. Autonomous slot assignment schemes for PRMA++ third generation TDMA systems 78472
Benkner, T., David, K. CS+: A novel self-adaptive slot assignment scheme for ATDMA 118870
Benko, H. *see* Erzin, R. 70233
Benlahsen, M. *see* Zellama, K. 94673
Benmakroha, Y. *see* Sifu Zhang 110242
Benmiloud, B., Pieczynski, W. Parameter estimation in hidden Markov chains and segmentation of images 67042
Bennamoun, M., Boashash, B., Dunbar, M. The development of an integrated GPS/INS/sonar navigation system 109819
Bennamoun, M., Boashash, B., Faruqi, F., Dunbar, M. The development of an integrated GPS/INS/sonar navigation system for autonomous underwater vehicle navigation 88789
Bennardo, A. *see* Blonda, P. 110766
Benndorf, C. *see* Joeris, P. 82714
Benne, M.E. *see* Houck, S.W. 90685
Bennefont, S., Dagens, B., Arguel, P., Martinot, H., Lozes-Dupuy, F. Analysis of the sensitivity of grating-coupled surface-emitting lasers to geometrical parameter variations 96291
Benner, A.F. Programmer-level implications of optical interconnects 98641
Benner, C.L., Russell, D. Practical high impedance fault detection for distribution feeders 70886
Benner, E., Sesay, A.B. Effects of antenna height, antenna gain, and pattern downtilting for cellular mobile radio 68104
Benner, J.P. *see* Sopori, B.L. 94289
Benner, S. *see* Wang, K.H. 62986
Benner, U. *see* Schneider, S.M.O.L. 110173
Bennet, J., Hayward, G. Design of monolithic 1-3 piezocomposite ultrasonic arrays using finite element modelling 106469
Bennet, J.M., Carroll, M., Cawley, E.L., Dodgson, M., Fry, J.R., Gabathuler, E., Gamet, R., Harrison, P., Harrison, P.F., Haselden, A.R., Hayman, P.J., King, D., Maley, P.D., Sacks, L.E., Sanders, P.M. A streamer tube detector for operation at high rates in the CPLEAR experiment at CERN 90165
Bennett, A. *see* Booth, C. 121819
Bennett, A. *see* Fruth, B. 121437
Bennett, A.J., Field, T., Harrison, P. Modelling and validation of shared memory coherency protocols 118080
Bennett, B. *see* Monahan, K. 115079
Bennett, B.R., Thibado, P.M., Twigg, M.E., Glaser, E.R., Magno, R., Shanabrook, B.V., Whitman, L.J. Self-assembled InSb and GaSb quantum dots on GaAs(001) 82681
Bennett, B.R. *see* Boos, J.B. 106061
Bennett, B.R. *see* Fu-Cheng Wang 105309
Bennett, B.R. *see* Hoffman, C.A. 74434
Bennett, B.R. *see* Kruppa, W. 104826
Bennett, B.R. *see* Thibado, P.M. 61254
Bennett, B.R. *see* Thibado, P.M. 82594
Bennett, B.R. *see* Yang, M.J. 84458
Bennett, C., Sato, Y. BB-film, a new high temperature dielectric for surface mounting 93962
Bennett, C.A. *see* Hutchinson, D.P. 69137
Bennett, C.L., Carter, M.R., Fields, D.J. Hyperspectral imaging in the infrared using LIFTIRS 69270
Bennett, C.L. *see* Winter, E.M. 108555
Bennett, C.R., Tanatar, B., Constantinou, N.C. Dynamical screening effects in hot-electron scattering from electron-hole plasma and LO-phonon modes in quantum wires 83925
Bennett, C.R. *see* Tanatar, B. 63062
Bennett, C.V. *see* Scott, R.P. 116463
Bennett, D.J. *see* Underwood, I. 79631
Bennett, D.W., Kenington, P.B., Wilkinson, R.J. Predicting the power rating of a multi-channel linear amplifier 78452
Bennett, G. *see* Bettis, J.R. 107478
Bennett, G. *see* Sullivan, R.W. 61509
Bennett, H.E. Segmented adaptive optic mirrors for laser power beaming and other space applications 107434
Bennett, H.S. Majority and minority electron and hole mobilities in heavily doped gallium aluminum arsenide 114624
Bennett, J. *see* Almond, G. 88761
Bennett, J. *see* Hughes, J.B. 73543
Bennett, J.A. *see* Norman, R.J. 111220
Bennett, J.C., Morrison, K. Development of a ground-based, polarimetric synthetic aperture radar 88696
Bennett, J.C. *see* Boswell, F.W. 105198
Bennett, J.C.R., Hui Zhang WF^{2}Q: worst-case fair weighted fair queueing 87392
Bennett, J.C.R., Zhang, H. Hierarchical packet fair queueing algorithms 118054
Bennett, J.M. World War II electronics and the early history of computers 82126
Bennett, J.W. *see* Thio, T. 64617
Bennett, J.W. *see* Thio, T. 74219
Bennett, J.W. *see* Thio, T. 94365
Bennett, K.P. Global tree optimization: a non-greedy decision tree algorithm 103570
Bennett, L. *see* Mazarakis, M.G. 89601
Bennett, L.A. *see* Hewitt, J.R. 71051
Bennett, L.F. *see* Mazarakis, M.G. 120048
Bennett, L.F. *see* Smith, D.L. 89738
Bennett, L.G.I. *see* Lewis, W.J. 110501
Bennett, L.H., Vajda, F., Atzmony, U., Swartzendruber, L.J. Accommodation study of a nanograin iron powder 115527
Bennett, L.H., Wang, P.S., Donahue, M.J. Artifacts in magnetic resonance imaging from metals 70055
Bennett, L.H. *see* Atzmony, U. 64306
Bennett, L.H. *see* Nikitenko, V.I. 79655
Bennett, L.H. *see* Nikitenko, V.I. 115633
Bennett, M. *see* Carlson, D.E. 112360
Bennett, M.H. *see* Tobin, K.W. 115279
Bennett, M.S. *see* Essick, J.M. 105247
Bennett, M.S. *see* McMahon, T.J. 103020
Bennett, P. What test-management software can do for you [VXI test] 88911
Bennett, P. *see* Redus, R. 90151
Bennett, P. *see* Redus, R. 101035
Bennett, P. *see* Shah, K.S. 80048
Bennett, P.D., Saka, T. *(editors)* Proceedings of the Symposium on Hydrogen and Metal Hydride Batteries 72090
Bennett, P.R., Shah, K.S., Squillante, M.R., Heanue, J.A., Hasegawa, B.H. Evaluation of CdTe for use in a prototype emission/transmission CT imaging system 101281
Bennett, R., Vignali, C. Dancall Telecom A/S in the UK mobile telephone market 119059
Bennett, R.G. *see* Motloch, C.G. 81861
Bennett, R.H. *see* Brambley, D.R. 73779
Bennett, S., Snowden, C.M., Iezekiel, S. Chaos in directly modulated laser diodes under two-tone modulation 65249
Bennett, S. *see* Emge, S. 79446
Bennett, T. *see* Tam, A.C. 115759
Bennett, T.L. *see* Herr, C.J. 70177
Bennett, W.D. *see* Cuta, J.M. 74972
Bennett, W.D. *see* Martin, P.M. 82008
Bennett, W.D. *see* Martin, P.M. 91762
Bennett, W.R. *see* Morales, M.P. 115601
Bennett, W.R. *see* Zhang, B. 115600
Bennion, I. *see* Gray, J.W.D. 65094
Bennion, I. *see* Hofer, M. 65102
Bennion, I. *see* Huhse, D. 116466
Bennion, I. *see* Knox, F.M. 65463
Bennion, I. *see* Lobo Ribeiro, A.B. 69212
Bennion, I. *see* Molony, A. 68482
Bennion, I. *see* Rao, Y.J. 69206
Bennion, I. *see* Rao, Y.J. 119714
Bennion, I. *see* Rao, Y.T. 69208
Bennion, I. *see* Smith, N.J. 65458
Bennion, I. *see* Williams, J.A.R. 75445
Bennion, I. *see* Williams, J.A.R. 95695
Bennionl, I. *see* Harper, P. 65460
Bennis, F. *see* Legoff, O. 97995
Benocci, C. *see* Pinelli, A. 60962
Benois-Pineau, J., Saflekos, A., Barba, D. Region-based representation of video sequences with uniform background motion for a content-based image coding 86926
Benois-Pineau, J. *see* Wu, L. 98307
Benoist, P. *see* Mahaut, S. 101616
Benoit, C., Grice, M., Hazan, V. The SUS test: a method for the assessment of text-to-speech synthesis intelligibility using semantically unpredictable sentences 97641
Benoit, C. *see* Guiard-Marigny, T. 97646
Benoit, E. *see* Khodja, L. 117700
Benoit, E. *see* Mauris, G. 110034
Benoit, J. *see* Masetti, F. 78317
Benoit, J. *see* Zeinert, A. 96009
Benoit a la Guillaume, C. *see* Chtourou, R. 62865
Benoit-Cattin, H. *see* Robini, M.C. 104214
Benori, E. *see* Bromberg, A. 110233
Benotto, F., Bollito, M., Costa, M., Isoardi, P., Larsen, H., Massam, T., Nemoz, C., Pernigotti, E., Sacchi, R., Staiano, A., Trapani, P.P., Zampieri, A. LPS trigger system 69866
Benovic, M. *see* Dubecky, F. 110574
Benovic, M. *see* Dubecky, F. 120153
Benoy, D., Heuvel, J.V.D., Jonkers, J., van der Mullen, J.A.M. The Philips QL-lamp: modelling and comparison with experiments 112600
Benqi Guo, Heuer, N., Stephan, E.P. The h-p version of the boundary element method for transmission problems with piecewise analytic data 61112
Benredjem, D., Sureau, A., Zeitoun, P., Klisnick, A., Moller, C. Radiation reabsorption in Li-like recombination lasers 107037
Bensaada, A. *see* Sundararaman, C.S. 104842
Bensadoun, M. *see* De Amici, G. 99699
Bensaid, A.M., Hall, L.O., Bezdek, J.C., Clarke, L.P., Silbiger, M.L., Arrington, J.A., Murtagh, R.F. Validity-guided (re)clustering with applications to image segmentation 67096
Bensaid, B., Gary-Bobo, R.J. An exact formula for the lion's share: a model of preplay negotiation 82395
Bensal, M. *see* Jerby, E. 107032

Bensalah, F., Chaumette, F. Real time visual tracking using the generalized likelihood ratio test 97996
Bensaou, B. *see* Lam, S.T.C. 108949
Bensaoula, A., Taferner, W.T., Kim, E., Bousetta, A. The nitridation of GaAs and GaN deposition on GaAs examined by in situ time-of-flight low energy ion scattering and RHEED 105632
Bensaoula, A. *see* Taferner, W.T. 82696
Bensaoula, A. *see* Taferner, W.T. 103880
Bensaoula, A. *see* Vilela, M.F. 103957
Bensaoula, A.H., Freundlich, A. Strain balanced GaP/GaAs/InP/GaAs superlattices: structural and electronic properties 105351
Bensch, F. *see* Bayreuther, G. 64349
Benschneider, B. An overview of the Alpha AXP 21164 microprocessor 93428
Benschop, L.C. 100 Mbit per second VLSI implementation of sliding window coding 83138
Bense, D. Passenger information–the ALTAIR system 88784
Bense, D. *see* Chesnoy, A. 100325
Bensheng Qiu *see* Qiu Bensheng
Bensiek, W. *see* Deis, G. 106719
Bensley, S.E., Aazhang, B. Subspace-based channel estimation for code division multiple access communication systems 98428
Benso, A. *see* Amendola, A.M. 113984
Benson, A.E., Chacko, A.K. The use of soft copy to enhance the interpretation of hard copy digital images 110920
Benson, B. *see* Berman, S. 71878
Benson, B. *see* Berman, S.M. 71877
Benson, D., Freedland, R. PC-based system offers practical approach to disk drive testing 95374
Benson, D., Hodges, C.R., Huey, K., Kim, P., Logan, E.A., Drobac, S. Advances in MCM packaging for microprocessors 114482
Benson, D.A., Mitchell, R.T., Tuck, M.R., Adkins, D.R., Palmer, D.W. Micro-machined heat pipes in silicon MCM substrates 62530
Benson, D.F., Meger, A.D. Process enhancements for high volume, low cost, PC Card assembly 94076
Benson, D.K. *see* Bechinger, C. 95814
Benson, D.K. *see* Bullock, J.N. 102994
Benson, H. *see* Jacobs, G.D. 120451
Benson, H.P. Deterministic algorithms for constrained concave minimization: a unified critical survey 92542
Benson, J.M. *see* Gifford, A.D. 64686
Benson, O., Raithel, G., Walther, H. Quantum jumps and Ramsey interferometry in the micromaser 85352
Benson, R.C. *see* Muftu, S. 75218
Benson, S., Shinn, M. Development of an accelerator-ready photocathode drive laser at CEBAF 90111
Benson, S. *see* Dylla, H.F. 76067
Benson, S. *see* Liu, H. 90083
Benson, S. *see* Neuffer, D.V. 79877
Benson, S.V., Bisognano, J., Bohn, C., Cardman, L., Colson, W.B., Douglas, D., Dylla, H.F., Engwall, D., Fugitt, J., Goldstein, J., Jordan, K., Kehne, D., Li, Z., Liu, H., Merminga, L., Neil, G., Neuffer, D., Shinn, M., Wiseman, M., Wong, R., Xie, M. A status report on the development of a high power UV and IR FEL at CEBAF 96445
Benson, S.V., Bisognano, J.J., Bohn, C.L., Cardman, L., Colson, W.B., Davidson, P., Douglas, D., Dylla, H.F., Engwall, D., Fugitt, J., Goldstein, J., Jordan, K., Kehne, D., Li, Z., Liu, H., Merminga, L., Neil, G.R., Neuffer, D., Shinn, M., Wiseman, M., Wong, R. A proposed high-power UV industrial demonstration laser at CEBAF 107358
Benson, T.E., Kamlet, L.I., Klimecky, P., Terry, F.L., Jr. In-situ spectroscopic reflectometry for polycrystalline silicon thin film etch rate determination during reactive ion etching 94750
Benson, T.M. Application to test chamber problems 65879
Benson, T.M., Cheng, C.F., Cudd, P.A. Rapid method for measurement of cable surface transfer impedance 89460
Benson, T.M. *see* Al-Asadi, M. 73933
Benson, T.M. *see* Christopoulos, C. 97071
Benson, T.M. *see* Kong, M.G. 65918
Benson, T.M. *see* Loni, A. 95742
Benson, T.M. *see* Reed, M. 107436
Benson, T.M. *see* Robinson, M.P. 97181
Benson, T.M. *see* Sewell, P. 62229
Benson, T.M. *see* Sewell, P. 64770
Benson, T.M. *see* Sewell, P. 116956
Benson, T.M. *see* Trenkic, V. 76512
Benson, T.M. *see* Trenkic, V. 85912
Bensouiah, D.A., Mack, R.J., Massara, R.E. Design assistant approach to analogue layout generation 93076
Bensoussan, J.P. *see* Barillot, C. 61689
Bensrhair, A., Miche, P., Debrie, R. Fast and automatic stereo vision matching algorithm based on dynamic programming method 67031
Bensrhair, A., Miche, P., Debrie, R., Ketata, M. The study of the radiance variation between two pixels for their stereo vision matching 108575
Bent, A.A. *see* Rodgers, J.P. 115455
Bent, R.D. *see* Jacobsen, E.R. 69762
Bent, R.G., II. *see* Summers, C.J. 74445
Bentamy, A. *see* Katsaros, K.B. 111215
Bente, K. *see* Gottschalch, V. 61166
Benten, M.S. *see* Memon, A.M. 108756
Bentley, D., Hardt-English, P.K. Comprehensive data acquisition of temperature, pressure and container deflection for maintenance of container integrity 88948
Bentley, J. A network-design algorithm 118164
Bentley, J.M., Link, P.J. Evaluation of motor power cables for PWM AC drives 91778
Bentley, J.P. A course in measurement systems 72121
Bentley, S.T. *see* Tasker, G.W. 74082
Bently, W.F., Heacock, D.K. Battery management considerations for multichemistry systems 71622
Benton, J.L. Research, technology, and economics fuel the silicon industry 84520
Benton, J.L., Stolk, P.A., Eaglesham, D.J., Jacobson, D.C., Cheng, J.-Y., Poate, J.M., Ha, N.T., Haynes, T.E., Myers, S.M. Iron gettering mechanisms in silicon 114863
Benton, J.L., Stolk, P.A., Eaglesham, D.J., Jacobson, D.C., Cheng, J.Y., Poate, G.M., Myers, S.M., Haynes, T.E. The mechanisms of iron gettering in silicon by boron ion-implantation 63255
Benton, J.L., Stolk, P.A., Eaglesham, D.J., Jacobson, D.C., Cheng, J.Y., Poate, J.M., Myers, S.M., Haynes, T.E. The mechanisms of iron gettering in silicon by boron ion-implantation 63235
Benton, J.L. *see* Cheng, J.Y. 105547
Benton, N.B. Fiber optic microwave link applications in towed decoy electronic countermeasures systems 68459
Benton, R., Ganjoo, A., Lumetta, B., Spillman, D., Ring, J. Adaptive wavelet transforms of singular and chaotic signals 86259
Bentourkia, M. *see* Lecomte, R. 90351
Bentourkia, M. *see* Lecomte, R. 90426
Bentourkia, M. *see* Yao, R. 90357
Bentourkia, M. *see* Yao, R. 101102
Bentsen, L. *see* Shih, W. 82221
Bentz, D. *see* Sun, F.G. 69468
Bentz, J.A. *see* Tekasakul, P. 114492
Benveniste, A. *see* Basseville, M. 111788
Benveniste, A. *see* Levy, B.C. 92427
Benveniste, M. Cell selection in two-tier microcellular/macrocellular systems 78531
Benvenuti, A. *see* de Murcia, M. 62708
Benvenuti, A. *see* de Murcia, M. 62709
Benvenuti, A.C. *see* Alvsvaag, S.J. 90124
Benvenuti, C., Cosso, R., Genest, J., Hauer, M., Lacarrere, D., Rijllart, A., Saban, R. A scanning Auger electron spectrometer for internal surface analysis of Large Electron Positron 2 superconducting radio-frequency cavities 110483
Benvenuti, C. *see* Chiaveri, E. 100417
Benvenuti, C. *see* Tuckmantel, J. 100498
Benvenuti, L., Farina, L. Discrete-time filtering via charge routing networks 73563
Benvenuti, L., Farina, L. On the class of linear filters attainable with charge routing networks 93571
Benvenuto, N., Piazza, F., Uncini, A., Visintin, M. Generalised backpropagation algorithm for training a data predistorter with memory in radio systems 118746
Benvenuto, N., Santucci, F. Comparison between least squares path loss estimation and averaging for handover algorithms 116890
Benxiong Huang *see* Huang Benxiong
Benyamin-Seeyar, A. *see* Ming Jia 86059
Benyassine, A., Akansu, A.N. Optimal subchannel structuring and basis selection for discrete multicarrier modulation 86031
Benyattou, T. *see* Bearzi, E. 94369
Benyattou, T. *see* Brounkov, P.N. 94503
Benyattou, T. *see* Drouot, V. 105608
Benyattou, T. *see* Meva'a, C. 94371
Benyattou, T. *see* Sacilotti, M. 94476
Benyattou, T. *see* Seassal, C. 106857
Benyon, R. *see* Moratilla, A. 79213
Benz, J., Triebel, W., Saiger, W. Adaptation of effluent systems of aged equipment to the current statutory position at Energie Versorgung Schwaben's Heilbronn Heating Power Station 91317
Benz, K.W. *see* Danilewsky, A.N. 61153
Benz, K.W. *see* Danilewsky, A.N. 103813
Benz, K.W. *see* Eiche, C. 80143
Benz, K.W. *see* Laasch, M. 92669
Benz, K.W. *see* Stenzel, Ch. 61148
Benz, R.G. *see* Parikh, A. 72792
Benz, S.P. *see* Booi, P.A.A. 73752
Benz, U. Possible improvements of synthetic aperture radar (SAR) using fuzzy logic 109764
Benz, W. *see* Bronner, N. 64991
Benz, W. *see* Czotscher, K. 107237
Benz, W. *see* Hurm, V. 109629
Benz, W. *see* Ralston, J.D. 96305
Benzheng Xiao, McLaren, P.G. An algebraic construction method for cellular neural networks 77455
Benzheng Xiao, McLaren, P.G. An artificial neural network for short term load forecasting 80970
Benzhi Chen *see* Chen Benzhi
Benzhong Wang *see* Wang Benzhong
Benzi, M., Meyer, C.D., Tuma, M. A sparse approximate inverse preconditioner for the conjugate gradient method 113212
Benzian, Z., Bergeon, B., Falinower, C.M., Ermine, J.L. Improving the development process of power plants operations support systems 80923
Benziger, J. *see* Vogelaar, R.B. 69831
Benzinger, H. *see* Ebersberger, B. 95206
Benzohra, M., Medeghri-Rachedi, N., Hbib, H. Simplex-deep level transient spectroscopy: a new method of transient capacitance signal processing 74488
Benzohra, M. *see* Idrissi-Benzohra, M. 74350
Benzoni, A.M. *see* Dautartas, M.F. 99506
Beole, S., Bonvicini, V., Burger, P., Casse, G., Corsi, F., De Venuto, D., Giubellino, P., Gramegna, G., Kolojvari, A., Manzari, V., Marzocca, C., Rashevsky, A., Riccati, L., Vinogradov, L., Vacchi, A., Zampa, N. Silicon drift detector; studies about geometry of electrodes and production technology 110562
Beom Kyu Ko, Kwyro Lee A comparative study on the various monolithic low noise amplifier circuit topologies for RF and microwave applications 93871
Beom Pyun Woong *see* Woong Beom Pyun
Beom Ra Jong *see* Jong Beom Ra
Beom-Gyu Choi *see* Jong-Woo Shin 74974
Beom-Hoan O, Heung Ro Choo, Hyung Mun Kim, Jeong Soo Kim, Dae Kon Oh, Hye Rim Kim, Hong Man Kim, Kwahgn Eui Pyun Cavity length dependence of gain and linewidth enhancement factor of high-speed 1.55 μm MQW laser diode measured from spontaneous emission spectrum 116563
Bera, L.K., Maiti, C.K., Dutta, A., Mukhopadhyay, M., Ray, S.K., Lahiri, S.K. Schottky barrier heights of Au on strained layer $Si_{1-x}Ge_x$ films 105458
Bera, M. *see* De, S.S. 83898
Bera, S.C. *see* Bhattacharyya, R.G. 71615
Berahmand-Pour, H. *see* Golkar, M.A. 101890
Berahmandpour, H. A new approach on optimal capacitor allocation and sizing in radial networks 102122
Beraldi, R., Giacomazzi, P., Melen, R. Efficient topologies for ATM interconnection networks 87288
Beraldi, R., Iera, A., Marano, S., Salerno, P. Analysis of queueing strategies for handoff and originating calls in macro/micro/pico cellular systems 68229
Beraldi, R., Marano, S., Mastroianni, C. A reversible hierarchical scheme for microcellular systems with overlaying macrocells 88205
Beraldi, R., Marano, S., Palumbo, E. Analysis of new priority queuing strategies for handoff and originating calls in mobile cellular radio systems 118840
Beraldi, R., Marano, S., Ungaro, N. Performance of queuing priority schemes based on push-out mechanism in mobile cellular systems 118838
Beraldi, R. *see* Alnuweiri, H.M. 77663
Beranek, J. *see* Kodymova, J. 107062
Beranek, M.W. *see* Hager, H.E. 99512
Beranek, M.W. *see* Orr, M.D. 85021
Berangi, R., Leung, P., Faulkner, M. Cochannel interference cancelling of constant envelope modulation schemes in cellular radio systems 118991
Berard, F. *see* Coutaz, J. 117886
Berardi, P.G., Cuccurullo, G., Russo, A. Unsteady thermal field in a slab heated by line source: a tool to measure thermal properties 69544
Berarducci, M.P. *see* Lawrence, P.J., Jr. 70406
Berasategi, J.L. *see* Lasheras, F. 101874
Berberich, S. *see* Fernandez, J. 94628
Berberidis, K., Palicot, J. A frequency-domain decision feedback equalizer for multipath echo cancellation 77548
Berberovic, S. *see* Boras, V. 102227
Berbezier, I. *see* Derrien, J. 64990
Berbezier, I. *see* Gallas, B. 103969
Berbezier, I. *see* Ladeveze, M. 82661
Berca, V., Girnita, I., Iovan, M., Munteanu, I., Popescu, A. Digital determination of torque-speed characteristics for three phase induction motors with acceleration method 112491
Berceli, T. A new optical reception method using microwave subcarriers 78703
Berceli, T. *see* Jaro, G. 104354
Berces, J. *see* Frigyes, I. 85858
Berchem, T.A. *see* Gmitro, A.F. 70093
Bercher, M. *see* Amiranoff, F. 89645
Berchtold, K.A., Reith, L.A., Khan, S.A. Torsional stress relaxation in tight-buffered optical fibers 75510
Berckmans, P. A social appraisal of technological innovation in Flanders: applied technology assessment as experienced in practice by the Flanders technology foundation (STV) 103359
Berdnikov, D.V., Nedoluzhko, G. Calculation of the steady state of multiperiod circuits 104294
Berdonosov, V.S., Vyatkin, I.V., Kuleshov, V.K. Radiography when there is an external radiation background acting on the equipment of an atomic power station 93002
Berdyshev, A.V., Kurnosov, A.K., Napartovich, A.P. Reflectivity of gain gratings induced by CO laser multifrequency radiation in flow active medium 116338
Bereginsky, L.I. *see* Vlaskina, S.I. 104139
Bereishik, V. *see* Ablameyko, S. 97931
Berejansky, V.B. *see* Glebov, I.A. 71234
Berenberg, V.A. Dynamics of the space and time field structure in open resonators with a deflector 76076

Berenberg, V.A. Spatial and temporal dynamics of electromagnetic field in open laser cavities with deflector 107407
Berenc, T. *see* Matthews, P.J. 100436
Berenc, T. *see* Nassiri, A. 90086
Berends, J.H. *see* Veldhuis, G.J. 85075
Berendsen, C.S., Cassar, J.P., Champenois, G., Staroswiecki, M. Structured generation of analytical redundancy relations for the detection of control loop failures 112435
Berenguer, C., Ferrari, A. Blind bursts handling in Doppler ambiguity resolution for multiple PRF radar 68616
Berenguer-Sau, J., Villanueva-Fernandez, A. A broadcast synthesized FM modulator with a radio data system encoder 88809
Berens, A.P. *see* Olin, B.D. 82810
Berenschot, E., Jansen, H., Burger, G.-J., Gardeniers, H., Ewenspoek, M. Thermally assisted ion beam etching of polytetrafluoroethylene–a new technique for high aspect ratio etching of MEMS 74944
Berenschot, E. *see* Legtenberg, R. 81497
Berenschot, J.W. *see* Spiering, V.L. 64003
Berenson, S.B. *see* Vldakovic, D. 92064
Berenstein, C.A. *see* Sidiropoulos, N.D. 67086
Berenyi, I. Power, privatisation and political stability 101784
Beresford, R. Problems and prospects in the analysis of epitaxial growth of the wide bandgap Group-III nitrides 113389
Beresford, R. *see* Sanchez-Garcia, M.A. 62740
Berezhansky, V.B., Chubraeva, L.I. Slotless synchronous generators: test results and possible applications 91483
Berezhansky, V.B., Chubraeva, L.I., Gorodov, V.V., Zakrevskii, V.A. Electrical insulation degradation research and some practical applications 95295
Berezhansky, V.B., Chubraeva, L.I., Rostik, G.V. Development and operating experience of new diagnostic units for generator monitoring 91459
Berezhansky, V.B., Chubraeva, L.I., Rostik, G.V. Experience with modified iron fault control technique for the stator cores of electrical machines 91485
Berezhnaya, I.V., Grishin, K.V., Il'inskii, A.S., Kondrat'ev, A.G., Perfilov, O.Yu. Mathematical modeling of multioscillator antennas located above a real earth 85952
Berezhnaya, I.V. *see* Al'khovskii, E.A. 88075
Berezhnykh, I.L. *see* Alekseyev, A.A. 66774
Berezin, A.A. *see* Jayaram, S. 96962
Berezin, V.V., Mantsvetov, A.A. A system for digitally stabilizing a TV frame 79141
Berezovskii, A.V., Kozlachkov, V.A., Korshever, I.I., Manakov, K.V., Makhaev, V.M. An automated working place for processing image sequences on the basis of a workstation and a mass parallel processor 69015
Berezovskii, M.M. *see* Makhnii, V.P. 105279
Berezovskiy, S.V. *see* Belakin, V.Ye. 74063
Berg, A.P., Mikhael, W.B. Signal representation using adaptive parallel mixed transform techniques 77065
Berg, A.P. *see* Mikhael, W.B. 77183
Berg, A.van den *see* van den Berg, A.
Berg, B. *see* Murray, M. 82871
Berg, E.W. *see* Thomas, S., III 84161
Berg, G.D. *see* Nguyen-Ngoc, D. 63964
Berg, G.P.A. *see* Jacobsen, E.R. 69762
Berg, H. *see* Ganesan, G.S. 92205
Berg, H.A.M.van den *see* van den Berg, H.A.M.
Berg, H.M. *see* Ganesan, G.S. 112919
Berg, J. *see* Wienands, U. 89916
Berg, J.-E. A recursive method for street microcell path loss calculations 85876
Berg, J.-E. *see* Lotse, F. 118978
Berg, J.L.van den *see* van den Berg, J.L.
Berg, J.S., Ruth, R.D. Transverse multibunch instabilities for non-rigid bunches 89970
Berg, J.S. *see* Raubenheimer, T. 89853
Berg, J.S. *see* Warnock, R.L. 89817
Berg, M., Hackbarth, T., Maile, B.E., Dickmann, J., Guhl, R., Adelseck, B., Hartnagel, H.L. W-band MMIC amplifiers based on quarter micron gate-length InP HEMTs and coplanar waveguides 93937
Berg, M., Hackbarth, T., Maile, B.E., Kosslowski, S., Dickmann, J., Kother, D., Hopf, B., Hartnagel, H.L. Active circulator MMIC in CPW technology using quarter micron InAlAs/InGaAs/InP HFETs 93936
Berg, M. *see* Hackbarth, T. 92782
Berg, M. *see* Jorg, K.-W. 119329
Berg, M.L.van den *see* van den Berg, M.L.
Berg, M.van der *see* van der Berg, M.
Berg, N. *see* Osinski, M. 116264
Berg, N.H. *see* Barton, D.L. 96033
Berg, N.H. *see* Helms, C.J. 96020
Berg, N.van den *see* van den Berg, N.
Berg, P.van de *see* van de Berg, P.
Berg, R.H., Hvilsted, S., Ramanujam, P.S. Peptide oligomers for holographic data storage 116763
Berg, R.L. *see* Jacobson, D.M. 90493
Berg, R.Van *see* Van Berg, R.
Berg, W. *see* Lumpkin, A. 100540
Berg, W. *see* White, M. 89764
Berg, Y. *see* Lande, T.S. 62074
Bergamaschi, C. *see* Diskus, C.G. 63764
Bergamaschi, C. *see* Klepser, B.-U.H. 78677
Bergamaschi, C. *see* Klepser, B.-U.H. 107023
Bergamaschi, C. *see* Patrick, W. 63765
Bergamaschi, F.A., Hulot, C., Zaluska, E. Performance evaluation of an advanced radar tracking filter on commercially available parallel computers 88710
Bergamaschi, R. *see* Romani, A. 90519
Bergamasco, B. *see* Chatrian, G.-E. 110854
Bergamasco, G., Boglietti, A., Ferraris, P., Lazzari, M., Pastorelli, M., Viglietti, W. Control of induction motors with winding commutation for traction applications 122055
Bergamasco, M., Scattareggia Marchese, S. The mechanical design of the MARCUS prosthetic hand 110940
Bergamin, F. *see* Ives, D.J. 64682
Bergamo, M. *see* Hoder, D. 109579
Bergano, N.S. Ultralong high capacity, multiwavelength transmission systems and networks 119233
Bergano, N.S., Davidson, C.R. Wavelength division multiplexing in long-haul transmission systems 78913
Bergano, N.S., Davidson, C.R., Heismann, F. Bit-synchronous polarization and phase modulation improves the performance of optical amplifier transmission systems 78681
Bergano, N.S., Davidson, C.R., Wilson, D.L., Kerfoot, F.W., Tremblay, M.D., Levonas, M.D., Morreale, J.P., Evankow, J.D., Corbett, P.C., Mills, M.A., Ferguson, G.A., Vengsarkar, A.M., Pedrazzani, J.R., Nagel, J.A., Zyskind, J.L., Sulhoff, J.W. 100 Gb/s error free transmission over 9100 km using twenty 5 Gb/s WDM channels 88646
Bergano, N.S. *see* Feggeler, J.C. 78683
Bergauer, H., Jeitler, M., Kulka, Z., Mikulec, I., Neuhofer, G., Padrta, M., Taurok, A. A 1-GHz Flash-ADC module for the tagging system of the CP-violation experiment NA48 69856
Bergdolt, A. *see* Fang, R. 120167
Berge, L., Rasmussen, J.J. Pulse splitting of self-focusing beams in normally dispersive media 85715
Berge, L., Rasmussen, J.J., Kuznetsov, E.A., Shapiro, E.G., Turitsyn, S.K. Self-focusing of chirped optical pulses in media with normal dispersion 107590
Berge, M. *see* Cazenave, A. 88704
Bergeault, E. *see* Abou Chahine, S. 69003
Bergeault, E. *see* Gasmi, A. 93866
Bergeault, E. *see* Huyart, B. 69465
Bergemont, A., Chi, M.H., Haggag, H. Low voltage NVG: A new high performance 3 V/5 V flash technology for portable computing and telecommunications applications 83115
Bergemont, A., Min-Hwa Chi, Haggag, H. Low voltage NVG™: a new high performance 3 V/5 V flash technology for portable computing and telecommunications applications 104535
Bergemont, A. *see* Hung-Sheng Chen 106231
Bergen, D.E., Chapman, G.H., Samra, T.S., Weeks, T.S. Laser hole drilling in thick polypropylene sheets for alignment sensors 107658
Bergen, J. *see* Irani, M. 86626
Bergen, J. *see* Kumar, R. 69937
Bergen, K.M., Dobson, M.C., Pierce, L.E. Carbon dynamics in northern forests using SIR-C/X-SAR imagery 120896
Bergen, K.M. *see* Dobson, M.C. 120707
Bergen, S.P. *see* Frey, T.L., Jr 99611
Bergen, Z. *see* Burkhart, G.R. 120900
Bergenwall, M. *see* Kylanpaa, M. 78563
Bergeon, B. *see* Benzian, Z. 80923
Berger, A., Hopster, H. Magnetization reversal properties near the reorientation phase transition of ultrathin Fe/Ag(100) films 75082
Berger, A. *see* Fullerton, E.E. 64350
Berger, B. *see* Giller, C.A. 80203
Berger, C., Collings, N., Pourzand, A.R., Volkel, R. A reconfigurable interconnect for neural network and switching applications 85227
Berger, D.D. *see* Rimmer, R.A. 100661
Berger, F., Dafnis, A. CAE of mechanically stressed low-voltage switchgear 81624
Berger, F.G. *see* Betzner, T.M. 79354
Berger, G. *see* Roberjot, V. 110680
Berger, G. *see* Spiliopoulos, I. 81609
Berger, G.A. *see* Genack, A.Z. 96132
Berger, H. *see* Kalachnikov, S.N. 91828
Berger, H.H. *see* Biermann, E. 63285
Berger, H.H. *see* Maser, K. 105496
Berger, J., Pustogov, V.V. Monitoring of benzene in the 10 μm and 14 μm region 70525
Berger, J. *see* Abbes, M. 90145
Berger, L., Brauch, U., Giesen, A., Hugel, H., Opower, H., Schubert, M., Wittig, K. Coherent fiber coupling of laser diodes 96245
Berger, L. *see* Schubert, M. 96257
Berger, M. *see* Nguyen Van, V. 119898
Berger, M.-O., Chevrier, C., Simon, G. Compositing computer and video image sequences: robust algorithms for the reconstruction of the camera parameters 108397
Berger, M.G. *see* Frotscher, U. 94250
Berger, M.G. *see* Hilbrich, S. 94302
Berger, M.G. *see* Krueger, M. 94804
Berger, M.G. *see* Loni, A. 95742
Berger, M.G. *see* Thoenissen, M. 94246
Berger, M.G. *see* Thonissen, M. 105652
Berger, M.O., Hoff, S., Jakobs, K., Kubitz, O. Integration of DECT and OSI to support mobile computing applications 118880
Berger, P.R. *see* Gao, W. 92744
Berger, P.R. *see* Vaccaro, K. 100048
Berger, R. *see* Hohwieler, E. 72327
Berger, S. *see* Tamir, S. 94266
Berger, T., Zhen Zhang, Viswanathan, H. The CEO problem [multiterminal source coding] 66287
Berger, T. *see* Jayaraman, S. 66356
Berger, T. *see* Subrahmanya, P. 66956
Berger, T. *see* Viswanathan, H. 66201
Berger, T. *see* Yi-Jen Chiu 86748
Berger, T. *see* Zamir, R. 66358
Berger, T. *see* Zhongxing Ye 66190
Berger, T.P., Charpin, P. The permutation group of affine-invariant codes 66487
Berger, T.W. *see* Tsai, R.H. 108285
Berger, V., Delacourt, D., Vodjdani, N., Schell, J.P. Waveguide electro-optic modulator using population depletion in a Schottky diode 85083
Berger, V., Vermeire, G., Demeester, P., Weisbuch, C. Self organized growth of doped vertical quantum wells for normal incidence intersubband transitions 82596
Berger, V. *see* Fiore, A. 107557
Berger-By, G. *see* Wegrowe, J.-G. 76559
Bergeron, A. *see* Wu, Y. 68832
Bergeron, C. *see* Clementi, J.J. 60640
Bergeron, C. *see* Clementi, J.J. 83658
Bergeron, M. One-stop PCB shopping 114418
Berges, A., Christophe, F. "SARAPE": Pocket SAR for outdoor RCS analysis 68688
Bergevin, R., Soucy, M., Gagnon, H., Laurendeau, D. Towards a general multi-view registration technique 67369
Bergfeld, T., Ernst, J., Gollin, G., Haney, M., Johnson, E., Selen, M., Wuerthwein, F. The CLEO-III trigger system 100977
Bergfeld, T. *see* Aronstein, D. 69717
Bergfeld, T. *see* Kichimi, H. 69718
Berggren, K.-F. *see* Zozoulenko, I.V. 114754
Berggren, M., Inganaes, O., Granlund, T., Guo, S., Gustafsson, G., Andersson, M.R. Polymer light-emitting diodes placed in microcavities 75756
Berggren, M. *see* Granstroem, M. 75758
Bergh, H., McFarland, E.W. Nonlinear coupling and radiation damping in oscillator-detected magnetic resonance of single spins 88972
Bergh, M., Bengtsson, S., Andersson, M.O. The influence of surface micro-roughness on bondability 63369
Bergh, M. *see* Bengtsson, S. 105490
Bergh, P.Van den *see* Van den Bergh, P.
Berghe, G.Vanden *see* Vanden Berghe, G.
Bergher, M. Supercooling of bunched beams by coherent synchrotron radiation 89841
Bergholm, P., Honkanen, M., Haggman, S.-G. Simulation of a microcellular DS-CDMA radio network 68297
Bergholt, L. *see* Guttormsen, M. 90249
Berglind, E. *see* Almstrom, E. 78884
Berglind, E. *see* Schiess, M. 88536
Berglund, A. *see* Almstrum, V.L. 103337
Berglund, C.N. A unified yield model incorporating both defect and parametric effects 95165
Berglund, C.N. *see* Takac, M.T. 115057
Berglund, L.A. *see* Joffe, R. 113613
Berglund, L.J. *see* Smutz, W.P. 69954
Berglund, M., Rymell, L., Hertz, H.M. Ultraviolet prepulse for enhanced X-ray emission and brightness from droplet-target laser plasmas 110630
Berglund, M. *see* Crandell, D.A. 100780
Berglund, M. *see* Lee, S.Y. 100638
Berglund, M.P. *see* Kyynarainen, J.M. 120097
Bergman, A. In-situ calibration of voltage transformers on the Swedish national grid 102791
Bergman, A. *see* Thompson, C.J. 101124
Bergman, D.J. *see* Tornow, M. 74452
Bergman, D.W. *see* McKee, W.R. 93387
Bergman, J.P. *see* Cao, S.M. 114765
Bergman, J.P. *see* Godlewski, M. 74403
Bergman, J.P. *see* Godlewskia, M. 114594
Bergman, J.P. *see* Henry, A. 105225
Bergman, J.P. *see* Kordina, O. 94428
Bergman, K. *see* Collings, B.C. 96180
Bergman, K. *see* Seung-Woo Seo 78737
Bergman, L. *see* Bambos, N. 98637
Bergman, L. *see* Kleinrock, L. 78920
Bergman, L. *see* Yeh, C. 116021
Bergman, L.A., Edelson, B., Helm, N., Pearman, J., West, R., Gargione, F. Remote high definition video post-production over a high data rate satellite: the US Network Architecture 88438
Bergman, L.A., Gray, J.P., Edelsen, B., Helm, N., Cohen, J., Shopbell, P., Mechoso, C.R., Chun, C., Farrara, M., Spahr, J. High bit rate experiments over ACTS 109585
Bergman, L.A. *see* Monacos, S.P. 78918
Bergman, O.S., Nazarov, A.A. A comparison of carrier sensing strategies in the CSMA/CD protocol 118458
Bergman, S. Harmonics in urban networks 91129
Bergmann, C. *see* Millet, C. 91519
Bergmann, G. *see* Rohlmann, A. 101068
Bergmann, H. *see* Backfrieder, W. 101139
Bergmann, J., ten Have, A. High temperature operational amplifier with low offset voltage 82972
Bergmann, J.A. *see* Teixeira, F.L. 97289

Bergmann, J.R., Hasselmann, F.J.V. Modelling surface raw data for reflector antenna applications 66072
Bergmann, K., Schettler, F., Boshoff, S., Magg, T. Design and verification of the Eskom SVCs 91087
Bergmann, K. *see* Boshoff, S. 70825
Bergmann, N.W., Mudge, J.C. Automated assistance for the telemeeting lifecycle 67877
Bergmann, R. *see* Kuehnle, J. 84166
Bergmann, R. *see* Shi, Z. 92775
Bergmann, U. *see* Verbeni, R. 110628
Bergmans, J.W.M. Decision feedback equalization for run-length-limited codes with d=1 86106
Bergmuller, F., Heller, F. The field dependence of magnetic anisotropy parameters derived from high-field torque measurements 101512
Bergogne, C., Sehier, P., Bousquet, M. Reduced complexity frequency estimator applied to burst transmission 66267
Bergogne, C., Sehier, P., Bousquet, M. Reduced complexity frequency estimator for burst transmission 77669
Bergold, M. *see* Belz, C. 118576
Bergonzo, P. *see* Foulon, F. 80062
Bergonzo, P. *see* Foulon, F. 85252
Bergonzo, P. *see* Foulon, F. 101018
Bergonzo, P. *see* Jany, C. 82739
Bergossi, O., Spajer, M., Schiavone, P. Visualization of latent images by reflection near field optical microscopy 94869
Bergossi, O. *see* Almeida, J. 114815
Bergou, J.A. Entangled field states in multiple micromaser cavities and fundamental tests of quantum mechanics 85348
Bergou, J.A. *see* Herzog, U. 85350
Bergquist, J.C. *see* Monroe, C. 95896
Bergqvist, A., Engdahl, G. A model for magnetomechanical hysteresis and losses in magnetostrictive materials 84765
Bergqvist, A. *see* Engdahl, G. 64491
Bergqvist, A. *see* Holmberg, P. 106619
Bergqvist, A.J. A simple vector generalization of the Jiles-Atherton model of hysteresis 115493
Bergqvist, A.J. *see* Lundgren, S.A. 106504
Bergstroem, L. *see* Gondolo, P. 80089
Bergstrom, L. *see* Almgren, M. 109553
Bergter, J. *see* Koch, N. 80129
Bergveld, P. *see* van Kerkhof, J.C. 69336
Bergveld, P. *see* Volanschi, A. 84621
Bergzen, H. A novel decoding method for FED-STD-1045A based systems 99062
Berheide, M. *see* Kubsky, S. 100756
Berin, M.O. *see* Haimovich, A.M. 109713
Beringer, J., Borer, K., Brooks, C.B., Fox-Murphy, A., Nickerson, R.B., Weidberg, A.R. A life time test of neutron irradiated light emitting diodes 75766
Berini, P., Ke Wu Modeling lossy anisotropic dielectric waveguides with the method of lines 65935
Berini, P., Stohr, A., Wu, K., Jager, D. Normal mode analysis and characterization of an InGaAs/GaAs MQW field-induced optical waveguide including electrode effects 116086
Beriotto, U. *see* Carugno, G. 100803
Berisha, S.H., Karady, G.G., Ahmad, R., Hobbs, R., Karner, D. Current harmonics generated by electric vehicle battery chargers 112573
Berizzi, A., Bresesti, P., Marannino, P., Granelli, G.P., Montagna, M. System-area operating margin assessment and security enhancement against voltage collapse 101936
Berizzi, A., Bresesti, P., Marannino, P., Montagna, M., Corsi, S., Piccini, G. Security enhancement aspects in the reactive-voltage control [of power systems] 101979
Berizzi, A., Silvestri, A., Zaninelli, D. Convergence improving minimization technique for a modified fast decoupled load flow 80799
Berizzi, A., Silvestri, A., Zaninelli, D., Massucco, S. Short-circuit current calculations for DC systems 111458
Berizzi, F., Corsini, G. Autofocusing of inverse synthetic aperture radar images using contrast optimization 99607
Berizzi, F., Corsini, G., Dalle Mese, E., De Palo, M., Ricci, A.M. Experimental results in ship radar imaging 68658
Berizzi, F., Corsini, G., Diani, M., Veltroni, M. Autofocus of wide azimuth angle SAR images by contrast optimisation 120717
Berizzi, F., Diani, M. A low complexity ISAR image autofocusing technique 109697
Berk, Y., Kamenev, A., Palevski, A., Shtrikman, H., Slutzky, M. Single particle and electron-electron scattering rates in coupled quantum wells 105359
Berkel, C.Van *see* Van Berkel, C.
Berkel, F.P.F.van *see* van Berkel, F.P.F.
Berkel, R.van *see* van Berkel, R.
Berkeland, D. *see* Monroe, C. 95896
Berkelman, K. *see* Padamsee, H. 100471
Berkermann, U. *see* Jakob, G. 107112
Berkey, G.E. *see* Da Silva, V.L. 75475
Berkey, G.E. *see* Hawtof, D.W. 85033
Berkhout, R. Investigating the use of HOEs in the holographic image making process 96786
Berko-Boateng, V., Khennache, O. Recycling of engineered thermoplastics resins in business machine applications through repelletizing process 60748
Berkoff, T.A. *see* Sirkis, J.S. 89114
Berkouk, E., Romdhane, Y.B., El Idrissi, A.L., Manesse, G. New control strategy of three-phase AC regulator in frequency division. Application to starting control of three-phase induction motor 102713
Berkouk, E. *see* Ben Romdhane, Y. 102883
Berkouk, E. *see* Romdhane, Y.B. 91656
Berkouk, M., Romdhane, Y.B., Manesse, G. High voltage rectifiers-multilevel inverters cascade. Application to asynchronous machine field oriented control 91671
Berkov, D.V. *see* Mattheis, R. 64388
Berkovich, A.L. *see* Arsen'ev, L.V. 102472
Berkovich, Ye.I. Reactive power as an informative concept 70626
Berkovski, B., Gottschalk, C.M. Strengthening human resources for technologies of the twenty-first century: UNESCO Engineering Education and Training programme 72112
Berkovskii, B.M. The solar highway leading to economic development and environmental protection 102351
Berkowitz, A.E. *see* Abarra, E.N. 75182
Berkowitz, A.E. *see* Beach, R.S. 64202
Berkowitz, A.E. *see* Egelhoff, W.F., Jr. 115863
Berkowitz, A.E. *see* Platt, C.L. 114843
Berkowitz, A.E. *see* Slade, S.B. 99962
Berkowitz, A.E. *see* Takano, K. 64180
Berkowitz, A.E. *see* Wan, H. 64191
Berkowitz, A.E. *see* Yi, J.Y. 64272
Berkowitz, F.J. *see* Crespi, A.M. 112184
Berkowitz, G. *see* Tong, F. 88574
Berkowitz, S.J., Hirahara, A.S., Char, K., Grossman, E.N. Low noise high-temperature superconducting bolometers for infrared imaging 115962
Berkowitz, S.J. *see* Mallison, W.H. 75363
Berkowitz, S.J. *see* Terzioglu, E. 115923
Berkoz, L. *see* Dokmeci, V. 67701
Berlage, O. *see* Tanaka, Y. 108875
Berlan, J. *see* Chemat, F. 62222
Berland, V., Gharib, A., Hageborn, D., Tavlet, M. LHC power diodes irradiated at 77 K in the field of a high energy accelerator 110509
Berland, V., Hagedorn, D., Gerstenberg, H. Behaviour of the future LHC magnet protection diodes irradiated in a nuclear reactor at 4.6 K with intermediate annealing 74693
Berland, V., Hagedorn, D., Gerstenberg, H. Behaviour of the future LHC magnet protection diodes irradiated in a nuclear reactor at 4.6 K with intermediate annealing 110510
Berland, V., Hagedorn, D., Rodriguez-Mateos, F. Testing of high current by-pass diodes for the LHC magnet quench protection 95593
Berland, V. *see* Galy, Ph. 74861
Berlec, F.-J. *see* Hackbarth, T. 92782
Berlekamp, E. Bounded distance+1 soft-decision Reed-Solomon decoding 66276
Berleur, J. *see* Nam Tien Nguyen 103354
Berlizev, I.V. *see* Pinchuk, G.A. 68800
Berlo, W.H.van *see* van Berlo, W.H.
Berlo, W.van *see* van Berlo, W.
Berlouis, L. *see* Davison, M. 94318
Berlouis, L.E.A. *see* Gupta, S.C. 103854
Berlouis, L.E.A. *see* Jackson, F. 74192
Berloznik, R. *see* van Langenhove, L. 103363
Berlyand, V.A. *see* Toivonen, M. 90661
Bermak, A., Martinez, D. A variable-precision systolic architecture for ANN computation 62139
Berman, A. *see* Fergason, J. 89228
Berman, A.T. *see* Siegler, S. 80193
Berman, G.P., Bulgakov, E.N., Campbell, D.K., Sadreev, A.F. Resonant tunneling in time-periodically modulated semiconductor nanostructures 94482
Berman, K.A. Vulnerability of scheduled networks and a generalization of Menger's theorem 113153
Berman, N., Shaked, U. H_∞ nonlinear filtering 76901
Berman, S., Fein, G., Jewett, D., Benson, B., Law, T., Myers, A. Luminance-controlled pupil size affects word-reading accuracy 71878
Berman, S.M., Bullimore, M.A., Bailey, I.L., Jacobs, R.J. The influence of spectral composition on discomfort glare for large-size sources 71876
Berman, S.M., Jewett, D.L., Fein, G., Benson, B., Law, T., Myers, A., Bullimore, M.A. Lighting spectral effect on Landolt C performance is enhanced by blur and abolished by mydriasis 71877
Bermond, J.-C., Gargano, L., Perennes, S., Rescigno, A.A., Vaccaro, U. Efficient collective communication in optical networks 119231
Bermond, M. *see* Abbes, M. 90145
Bermudez, C.M. *see* Mayer, J. 93630
Bermudez, J. *see* Leston, E. 102165
Bermudez, J.C.M., Bershad, N.J. A nonlinear analytical model for the quantized LMS algorithm—the arbitrary step size case 66816
Bermudez, J.C.M., Bershad, N.J. Time-varying system identification using the quantized LMS algorithm 77067
Bermudez, J.C.M., Bershad, N.J. Transient and tracking performance analysis of the quantized LMS algorithm for time-varying system identification 97781
Bermudez, J.C.M. *see* Bershad, N.J. 117327
Bermudez, J.C.M. *see* Lamar, M.V. 97446
Bermudez, J.C.M. *see* Soares, F.A.P. 98113
Bermudez, J.C.M. *see* Tobias, O.J. 72340
Bermudez, J.C.M. *see* Tobias, O.J. 97980
Bermudez, J.F. *see* Perez, L.G. 102089
Bermudez, L.A. *see* Leal, M.Y.M. 96897
Bermudez, V.M. *see* Russell, J.N., Jr. 82725
Bermuth, J. *see* Drescher, P. 105007
Bermuth, J. *see* Hartmann, P. 120119
Bernabei, F., Coppi, A., Winkler, R. Two heuristics for multicasting in ATM networks 108880
Bernabei, F., De Simone, V., Gratta, L., Listanti, M. Shuffle vs. Kautz/De Bruijn logical topologies for multihop networks: a throughput comparison 109671
Bernabei, F., Gratta, L., Listanti, M. Throughput analysis of multihop shufflenets in a hot spot traffic scenario: Impact of routing strategies 67775
Bernabei, R. *see* Balzarotti, A. 120138
Bernabei, R. *see* Barabanov, I.R. 110568
Bernabei, S. *see* Daugert, R.D. 104797
Bernadas, S., Alexander, M., Jieren Bian, Golam Chowdhury, Qiujie Dong, Gentry, M., Goyal, A., Jaric, M., Jenkins, M., Kent, M., Malcolm, R., Matthews, P., McLaughlin, K., Murali Munuswamy, Kartika Prihadi, Rovner, M., Scott, J., Krishnan Subramoniam, Wagner, W., Wu, J. A single-chip multimedia audio system with digital sample rate conversion and FM sound synthesis 79200
Bernadas, S., Thompson, C. A 21-bit multi-channel delta-sigma analog-to-digital converter featuring LMS digital correction 93525
Bernal, G.S. *see* Jeffery, C.L. 87733
Bernal, M.-P., Coufal, H., Grygler, R.K., Hoffnagle, J.A., Jefferson, C.M., Macfarlane, R.M., Shelby, R.M., Sincerbox, G.T., Wimmer, P., Wittmann, G. A precision tester for studies of holographic optical storage materials and recording physics 65569
Bernal, M.-P. *see* Lundquist, P.M. 75413
Bernal, M.-P. *see* Wortmann, R. 106757
Bernal, S. *see* Godlove, T.F. 89914
Bernal-Agustin, J.L. *see* Ramirez-Rosado, I.J. 101952
Bernard, C. *see* Noo, F. 98325
Bernard, C. *see* Rouch, H. 113497
Bernard, D. *see* Amiranoff, F. 79838
Bernard, D. *see* Amiranoff, F. 89645
Bernard, E. *see* Li, M.J. 62517
Bernard, G. *see* Spiliopoulos, I. 81609
Bernard, G.D. *see* Atlas, L.E. 110102
Bernard, J. *see* Benamar, R. 94488
Bernard, J.-T. *see* Arsenault, E. 121028
Bernard, J.E. *see* Alcock, A.J. 65139
Bernard, M. *see* Barry, L.P. 78736
Bernard, M. *see* Chehab, R. 89714
Bernard, M. *see* Travier, C. 90084
Bernard, M.A. *see* Cuneo, M.E. 69683
Bernard, M.A. *see* Menge, P.R. 120122
Bernard, M.C., Keddam, M., Takenouti, H., Bernard, P., Senyarich, S. Electrochemical behavior of quasi-spherical β-Ni(OH)$_2$ particles studied by Raman spectroscopy 121841
Bernard, N., Hofmann, T., Fontaine, B.L., Delaporte, P., Sentis, M., Forestier, B.M. High repetition rate spiker-sustainer XeCl laser 65023
Bernard, P. *see* Bernard, M.C. 121841
Bernard, S., Papoz, S., McGranaghan, M., Le Tang Active filter design and specification for control of harmonics in industrial and commercial facilities 90923
Bernard, T.M. *see* Dal-Zilio, S. 87022
Bernardi, C., Karageorghis, A. Spectral methods in part of a disk 61067
Bernardi, C.de *see* de Bernardi, C.
Bernardi, L. *see* Francescon, P. 80296
Bernardi, P., Cavagnaro, M., Pisa, S. Evaluation of the SAR distribution in the human head for cellular phones used in a partially closed environment 110955
Bernardi, P., Cicchetti, R., Faraone, A. A full-wave characterization of an interconnecting line printed on a dielectric slab backed by a gridded ground plane 93685
Bernardi, S. MOCVD of CdTe on foreign substrates 61269
Bernardi, S. Iso-VPE growth of $Hg_{1-x}Cd_xTe$ on hybrid substrates 82589
Bernardi, S. *see* Campanella, F. 61270
Bernardi, T. *see* Dusi, W. 90174
Bernarding, J. *see* Thiel, A. 109167
Bernardini, F. *see* Dorigoni, L. 94308
Bernardini, F. *see* Matuszczyk, T. 75613
Bernardini, F. *see* Matuszczyk, T. 89324
Bernardini, P. *see* Barbarino, G.C. 80097
Bernardini, R. An efficient algorithm to find lattice chains 119431
Bernardini, R., Kovacevic, J. Arbitrary tilings of the time-frequency plane using local bases 86227
Bernardini, R., Kovacevic, J. Local orthogonal bases II: Window design 97842
Bernardini, R., Kovacevic, J. Local orthogonal bases I: Construction 98312
Bernardino, J. *see* Rosario, M.J. 83436
Bernardis, P.de *see* de Bernardis, P.
Bernardo, G.Di *see* Di Bernardo, G.
Bernardo, M.Di *see* Di Bernardo, M.
Bernards, J.P.C., Raasch, D., Much, G., Clausen, C. Magnetic properties of exchange coupled layers for magneto-optical recording 106590
Bernards, J.P.C. *see* Stupp, S.E. 106586
Bernasconi, P. *see* Medrano, C. 85609

Bernasconi, V. Receiver architectures for the downlink in a DS-CDMA mobile system 78418
Bernaudat, M. *see* Bourquard, A. 95524
Bernays, D.J. *see* Bussolari, S.R. 70367
Bernays, D.J. *see* Chandra, D.C. 70372
Berndt, H. *see* Rudiger, U. 84816
Berndt, T.P., Green, R.E., Jr. Determination and monitoring of through hole diameters using acoustic diffraction 114433
Berne, S. *see* Glacet, J.-Y. 113037
Bernede, J.C. *see* Pouzet, J. 92788
Bernekorn, P., Karlsson, A., Kristensson, G. Propagation of transient electromagnetic waves in inhomogeneous and dispersive waveguides 116982
Berner, M.S., Gal'tsev, Yu.K., Golygin, A.F., Danilenko, P.V., Danilkin, N.I. Pumps and fans in modern industry 103174
Berners, E.D. Upgrading the FN tandem Van de Graaff at Notre Dame 79786
Berners-Lee, T. WWW: past, present, and future 118418
Bernet, S., Matsuo, T., Lipo, T.A. A matrix converter using reverse blocking NPT-IGBTs and optimized pulse patterns 121574
Berney, A.E. *see* Lea-Wilson, N.D. 67941
Berney, R.L. *see* Arengo, D.M. 69914
Bernhard, N. *see* Schmid, G. 94890
Bernhard, U.P. *see* Wilde, A. 99078
Bernhardt, B. *see* Glass, E. 83459
Bernhardt, B. *see* Glass, E. 93789
Bernhardt, B. *see* Hallmark, J. 84533
Bernhardt, C. *see* Biersack, E. 98868
Bernhardt, C. *see* Biersack, E. 99786
Bernhardt, C. *see* Dengler, J. 78211
Bernhardt, C. *see* Geyer, W. 78183
Bernhardt, K.H. *see* Jitschin, W. 94157
Bernhardt, K.W. Advanced technologies for a command and data handling subsystem in a "better, faster, cheaper" environment 70377
Bernieri, A., Betta, G., Liguori, C. On-line fault detection and diagnosis obtained by implementing neural algorithms on a digital signal processor 110021
Bernieri, A., Betta, G., Liguori, C., Losi, A. Neural networks and pseudo-measurements for real-time monitoring of distribution systems 70637
Bernieri, A., Daponte, P., Grimaldi, D. ADC neural modeling 61977
Bernieri, A., Daponte, P., Grimaldi, D. Accurate neural model identification of measurement devices 109972
Bernieri, A. *see* Baccigalupi, A. 61979
Bernik, S. *see* Hrovat, M. 81736
Bernik, S. *see* Kuscer, D. 81735
Bernik, S. *see* Marinenko, R.B. 119939
Bernini, R., Cutolo, A., Irace, A., Spirito, P., Zeni, L. Contactless characterization of the recombination process in silicon wafers: separation between bulk and surface contribution 83792
Bernini, U., De Stefano, L., Feo, M., Mormile, P., Russo, P. Optical bistability by nonlinear reflection in a polymeric blend 116656
Bernklau, D. *see* Strauss, U. 83929
Berns, J.P., Noll, T.G. A flexible motion estimation chip for variable size block matching 104601
Berns, J.P., Noll, T.G. A cascadable 200 GOPS motion estimation chip for HDTV applications 119433
Berns, K. *see* Suna, R. 103496
Berns, R.S. Methods for characterizing CRT displays 79634
Bernsen, E. *see* Nielsen, M. 91313
Bernstein, B.S. *see* Eager, G.S. 121176
Bernstein, D.J. Fast ideal arithmetic via lazy localization 103653
Bernstein, D.S. *see* Kai-Yew Lum 102627
Bernstein, E. *see* Othmani, A. 85673
Bernstein, G.H. *see* Frankovic, R. 63419
Bernstein, H. High resolution analogue/digital converter in 18-bit format 61966
Bernstein, H. Capacitive transducer for air humidity measurements 110113
Bernstein, H. Amplifiers for galvanic separation 110133
Bernstein, J., Spicer, J.B., Wagner, J.W., Ritter, A.P. Ultrasonic characterization of degradation in lead magnesium niobate (PMN) smart materials 113576
Bernstein, J.D., Shu Qin, Chung Chan, Tsu-Jae King A study of process conditions for plasma ion implantation hydrogenation experiments 63250
Bernstein, L. Can we talk? [computer and telephone networks] 77865
Bernstein, L., Yuhas, C.M. Network architectures for the 21st century 118267
Bernstein, N. Using digital algorithms in signal conditioning circuitry 79280
Bernstein, N.P. *see* Abramovitz, I.J. 61673
Bernstein, P., Picard, C., Flament, S., Beaudet, N., Hamet, J.F., Bouregba, R. High T_c superconducting flux flow transistors: potential performances and problems 95486
Bernstein, P.J. *see* Castelin, S.F. 90897
Bernstein, R.W. *see* Nese, M. 88994
Bernstein, X., Haimovich, A.M. Space-time optimum combining for CDMA communications 109350
Bernstorf, R.A. *see* Comber, M.G. 91200
Berntgen, J. *see* Hofschen, S. 114214
Berntman, M. *see* Stahl, A. 100109
Berntson, A., Anderson, D., Lisak, M., Quiroga-Teixeiro, M.L., Karlsson, M. Self-phase modulation in dispersion compensated optical fibre transmission systems 109627
Berntson, A. *see* Quiroga-Teixeiro, M.L. 64643
Berolo, O. *see* Zhang, L. 78660
Beroual, A. Electronic processes and streamer propagation phenomena in liquid dielectrics 64034
Beroual, A. *see* Fofana, I. 64063
Beroual, A. *see* Maulat, C. 81608
Beroual, A. *see* Sareni, B. 92962
Berquist, T.H. *see* Morin, R.L. 110815
Berquist, T.H. *see* Morin, R.L. 110894
Berr, M. *see* Huber, W.M. 79396
Berraies, M.O. *see* Leturcq, P. 115135
Berranger, E.de *see* de Berranger, E.
Berre, D.Le *see* Le Berre, D.
Berre, P.Le *see* Le Berre, P.
Berrebi, E., Kission, P., Vernalde, S., De Troch, S., Herluison, J.C., Frehel, J., Jerraya, A.A., Bolsens, I. Combined control flow dominated and data flow dominated high-level synthesis 87000
Berreman, D. *see* Larimer, J. 100197
Berriane, R., Sanchez, J.-L., Jalade, J. MOS-gated optically triggered thyristor: a new galvanically insulated high voltage integrated switch 82913
Berriane, R. *see* Sanchez, J.L. 106109
Berriaud, C. *see* Baze, J.M. 90186
Berriaud, C. *see* Gallet, B. 90054
Berridge, S. *see* Kwok, P. 89918
Berrie, J. *see* Ozdemir, T. 85993
Berriel-Valdos, L.R., Ramos-Lopez, R. Digital image restoration with a bilinear system using an iterative method 117706
Berriel-Valdos, L.R. *see* Juarez-Perez, J.L. 116743
Berriel-Valdos, L.R. *see* Olivares-Perez, A. 116742
Berroth, M., Brandstetter, A., Carlstaedt, B., Filser, M., Gassner, M., Hecker, W., Jung, H., Kaldewei, R., Kuhnl, U., Meyer, F., Papendorf, M., Paptistella, R., Wachter, K., Wolfing, P., Zinser, E. The organisational incorporation of controlling in power supply undertakings 80846
Berroth, M. *see* Bischof, W. 104884
Berroth, M. *see* Hurm, V. 109629
Berroth, M. *see* Lao, Z. 104353
Berroth, M. *see* Wang, Z.-G. 99476
Berroth, M. *see* Wang, Z.-G. 119130
Berroth, M. *see* Zhi-Gong Wang 73504
Berrou, C., Glavieux, A. Near optimum error correcting coding and decoding: turbo-codes 117236
Berrou, C., Jezequel, M. Frame-oriented convolutional turbo codes 97435
Berruto, E., Colombo, G., Napolitano, A. Mobile network architectures towards UMTS 68205
Berruto, E., Eynard, C., Napolitano, A. Development trends and migration issues towards universal mobile telecommunications systems 78412
Berry, E. *see* Mardia, K.V. 110706
Berry, E.C. Analysis of multiprocessor architectures for management of space-based power systems 101489
Berry, F. *see* Martinet, P. 86778
Berry, G. *see* Shiple, T.R. 73230
Berry, G.L. *see* Miller, M.G. 109754
Berry, J.L., Towers, J.D., Webber, R.L., Pope, T.L., Davidai, G., Zimmerman, M. Change in trabecular architecture as measured by fractal dimension [radiographs analysis] 69955
Berry, J.R. *see* Dozer, D.M. 115871
Berry, J.T. *see* Ferguson, G.L. 92137
Berry, L.A. *see* Gorbatkin, S.M. 84219
Berry, M. *see* Dhuler, V. 106288
Berry, M.H. *see* Sun, C.K. 68456
Berry, M.V. The Levitron: an adiabatic trap for spins 71835
Berry, R.A. *see* Rohrs, C.E. 77661
Berry, R.A. *see* Rohrs, C.E. 87295
Berry, R.F. *see* Barber, P.G. 61136
Berryman, K.W., Crosson, E.R., Ricci, K.N., Smith, T.I. Coherent spontaneous radiation from highly bunched electron beams 107379
Berryman, K.W., Smith, T.I. First lasing, capabilities, and flexibility of FIREFLY 96446
Berryman, K.W., Smith, T.I. Wavelength switching in an optical klystron 107381
Berryman, K.W. *see* Crosson, E.R. 96487
Bers, K., Jager, K., Jurkiewicz, K. Model-based sensor fusion for target recognition 88701
Bersanelli, M. *see* De Amici, G. 99699
Bersanelli, M. *see* Mandolesi, N. 99703
Bersanelli, M. *see* Mandolesi, N. 109844
Bersanelli, M. *see* Smoot, G.F. 99702
Bersenev, A.P. *see* D'yakov, A.F. 71108
Bersenev, A.P. *see* Styrikovich, M.A. 102451
Berset, J.M. *see* Glotin, F. 107383
Berset, J.M. *see* Ortega, J.M. 107394
Berset, J.M. *see* Prazeres, R. 96468
Berseth, W., Neff, J., Chen, C., Fedor, A., Yung-Chang Lee, Chong-Chang Mao, McLaren, T., Morozov, V., O'Brien, D. A 3-D parallel, free-space optical crosspoint switch 85202
Berseth, W.C. *see* Jeffers, S. 97130
Bersh, A.V. *see* Ikonnikov, V.K. 107086
Bershad, N.J., Bermudez, J.C.M. New insights on the transient and steady-state behavior of the quantized LMS algorithm 117327
Bershad, N.J., Cubaud, N., Shynk, J.J. Stochastic convergence analysis of the single-layer backpropagation algorithm for noisy input data 66835
Bershad, N.J. *see* Bermudez, J.C.M. 66816
Bershad, N.J. *see* Bermudez, J.C.M. 77067
Bershad, N.J. *see* Bermudez, J.C.M. 97781
Bershev, N.E. *see* Romanov, O.V. 63373
Bersini, H. *see* Seront, G. 92566
Berson, M. *see* Karlsson, B. 120376
Berson, T.A. *see* Knudsen, L.R. 66499
Berst, J.D. *see* Hu, Y. 120226
Bert, N.A. *see* Egorov, A.Yu. 114763
Bert, N.A. *see* Kop'ev, P.S. 107351
Bertacco, V., Damiani, M. Boolean function representation using parallel-access diagrams 93283
Bertagnolli, E. *see* Sauter, M. 94912
Bertagnolli, H. *see* Moser, H.O. 79772
Bertani, N. *see* Agnello, M. 110583
Bertazzoni, S., Cardarilli, G.C., Lojacono, R., Salmeri, M., Salsano, A., Simonelli, O. VLSI implementation of a learning actractor neuronal network (LANN) 83287
Bertazzoni, S. *see* Badoni, D. 83291
Bertels, D. *see* Toth, F.N. 69087
Bertels, K. *see* Vassilladis, S. 113840
Bertenburg, R. *see* Daumann, W. 104831
Bertenburg, R. *see* Daumann, W. 104853
Bertenburg, R.M., Janssen, G., Van Waasen, S., Reuter, R., Tegude, F.-J. On the applicability of the transimpedance amplifier concept for 40 Gb/s optoelectronic receivers based on InAlAs/InGaAs heterostructure field effect transistors 88623
Bertenburg, R.M. *see* Van Waasen, S. 104866
Bertero, G. *see* Ross, C.A. 64451
Bertero, M. *see* Piana, M. 98024
Bertetto, A.M., Mazza, L. A very high precision system to measure wear in elastomeric seals 104224
Bertetto, A.M. *see* Belforte, G. 99903
Berthaud, P. *see* Belkebir, K. 61505
Berthelemot, C., Farrenq, A., Vigier, P., Dumas, J.-M., Clei, A., Palla, R., Harmand, J.-C. A study of side gate test structures in InAlAs/InGaAs HEMTs for optoelectronic circuit applications 116280
Berthelemot, C., Vigier, P., Dumas, J.M., Clei, A., Palla, R., Harmand, J.C. Dependence of sidegating effect in InAlAs/InGaAs HEMTs upon impact ionization 107026
Berthelon, L. *see* Perrier, P.A. 78855
Berther, T., Gautschi, G.H., Kubler, J. Capacitive accelerometers for static and low-frequency measurements 99926
Berthereau, A. *see* Bousquet, B. 76209
Berthereau, A. *see* Segonds, P. 79741
Berthet, C. *see* Casaubieilh, F. 82866
Berthet, F. *see* Cowache, C. 84815
Berthet, L. *see* Ferracci, P. 111588
Berthiau, G., Siarry, P. A parameters extraction method for GaAs FET model based on an enhanced simulated annealing algorithm 63766
Berthiau, G. *see* Durbin, F. 94884
Berthier, D. *see* Flory, F. 106918
Berthier, J. *see* Chaillout, J.J. 65701
Berthod, C., Gagel, F., Maschke, K. Electron transport in perturbed quantum wires 62877
Berthod, M., Kato, Z., Yu, S., Zerubia, J. Bayesian image classification using Markov random fields 77209
Berthod, M. *see* Labrousse, D. 111082
Berthod, M. *see* Nocera, L. 111098
Berthod, M. *see* Shekarforoush, H. 86425
Berthold, J.E. Fundamentals of networks 68526
Berthold, J.E. Application of WDM in local exchange networks 88049
Bertholdt, H.-O. *see* Lejon, J. 71081
Berthon, A. RCS of antennas out-of-band or otherwise 65999
Berthon, A. *see* Baroudi, S.E. 112087
Berthon, A. *see* Tnani, S. 111886
Berthou, L. *see* Chawki, M.J. 88577
Berthoud, C., Ansorge, M., Pellandini, F. Effective static response compensation suitable for low-power ASIC implementation with an application to pressure sensors 119599
Berthouze, L., Rougeaux, S., Chavand, F., Kuniyoshi, Y. Calibration of a foveated wide-angle lens on an active vision head 86380
Berti, M., Drigo, V., Giuliani, A., Matter, M., Camporese, A., Rossetto, G., Torzo, G. InP/GaAs self-assembled nanostructures: modelization and experiment 92757
Bertiger, W.I. *see* Bar-Sever, Y.E. 119334
Bertiger, W.I. *see* Kursinski, E.R. 70484
Bertil, I. *see* Evert, A. 101871
Bertin, E., Bischof, H., Bertolino, P. Voronoi pyramids controlled by Hopfield neural networks 67410
Bertin, G. *see* Accatino, L. 73668
Bertin, G. *see* Accatino, L. 83323
Bertin, G. *see* Accatino, L. 93715
Bertino, E. *see* Ray, I. 78017
Bertl, W. *see* Schmidt, P.V. 90179
Bertness, K.A. *see* Friedman, D.J. 112348
Bertocchi, A., Buceti, G., Bozzolan, V., Centioli, C., Imparato, A., Mazza, G., Panella, M., Torelli, C., Vitale, V. The new FTU control system as a result of technological and functional evolution at Frascati Energy Research Center 110038

Bertocchi, M., Butti, A., Slominski, L., Sobczynska, J. Probabilistic and deterministic local search for solving the binary multiknapsack problem 72536
Bertocci, G.E., Hobson, D.A., Digges, K.H. Development of transportable wheelchair design criteria using computer crash simulation 110948
Bertocco, M. A DSP-based instrument for the measurement of interruptions in telephone-type circuits 87990
Bertocco, M., Narduzzi, C., Paglierani, P., Petri, D. Accuracy of effective bits estimation methods 119586
Bertocco, M., Narduzzi, C., Petri, D. Optimized sinewave test of waveform digitizers by a DFT approach 119576
Bertocco, M. *see* Beghi, A. 109692
Bertodano, M.Lopez de *see* Lopez de Bertodano, M.
Bertolazzi, E. Positive and conservative schemes for mass action kinetics 103781
Bertoldi, O. *see* Baggini, L. 101998
Bertolin, A. *see* De Giorgi, M. 120221
Bertolin, J.Arieto *see* Arieto Bertolin, J.
Bertolin, T.Arieto *see* Arieto Bertolin, T.
Bertolini, A. *see* Carelli, G. 75797
Bertolini, A. *see* Moraes, J.C.S. 116296
Bertolini, E. *see* Maschio, A. 102873
Bertolini, E. *see* Roshal, A. 102884
Bertolini, L. *see* Heim, J. 79957
Bertolini, L. *see* Heim, J. 100442
Bertolino, P. *see* Bertin, E. 67410
Bertolo, M. *see* Almeida, J. 94572
Bertolotti, M., Masciulli, P., Ranieri, P., Sibilia, C. Optical bistability in a nonlinear Cantor corrugated waveguide 95727
Bertolotti, M., Moretti, F., Sibilia, C., Masciulli, P. Nonlinear propagation in an optical fractal structure 96717
Bertolotti, M., Sibilia, C., Garzia, F. Some nonlinear integrated optical devices 95803
Bertolotti, M., Sibilia, C., Masciulli, P. EM wave propagation in a Cantor-like corrugated waveguide geometry 95774
Bertolotti, M. *see* Fazio, E. 76129
Bertolotti, M. *see* Fazio, E. 100365
Bertolotti, M. *see* Garzia, F. 85205
Bertolotti, M. *see* Sibilia, C. 76264
Bertolucci, E. *see* Beccherle, R. 80297
Bertolucci, E. *see* Del Guerra, A. 101315
Bertoluzza, C., Bodini, A. Measure of a fuzzy set based on an arbitrary continuous t-conorms: the finite case 113147
Bertomeu, J. *see* Roca i Cabarrocas, P. 82754
Bertoncini, R. *see* Carbonaro, C.M. 63071
Bertone, D. *see* Paoletti, R. 96301
Bertone, M.S. *see* Gronowski, P.E. 73468
Bertoni, H.L., Piazzi, L., Liang, G., Nai Wo, Wong, E. Prediction of site specific coverage and cell shape for outdoor microcells 68162
Bertoni, H.L., Piazzi, L., Liang, G., Nai Wo, Wong, E. Prediction of site specific coverage and cell shape for outdoor microcells 118857
Bertoni, H.L. *see* Dongsoo Har 88229
Bertoni, H.L. *see* Seong-Cheol Kim 97125
Bertoni, H.L. *see* Torrico, S.A. 116883
Bertotti, G. *see* Appino, C. 64211
Bertotti, G. *see* Durin, G. 64289
Bertotti, G. *see* Pasquale, M. 115844
Bertram, D. What's new in military satellite communications? 80709
Bertram, D., Klann, R., Grahn, H.T., v. Klitzing, K., Eberl, K. Time-resolved electroluminescence spectroscopy of resonant tunneling in GaAs-AlAs superlattices 63048
Bertram, H.N. *see* Champion, E. 115721
Bertram, H.N. *see* Davidson, R.J. 115804
Bertram, H.N. *see* Friedmann, A. 75225
Bertram, H.N. *see* Peng, Q. 115671
Bertram, H.N. *see* Qingzhi Peng 64224
Bertram, H.N. *see* Wei, D. 75226
Bertram, H.N. *see* Wei, D. 115607
Bertram, H.N. *see* Xing, X. 115674
Bertram, H.N. *see* Xinzhi Xing 75251
Bertram, I. *see* Baumbaugh, B. 80030
Bertram, I. *see* Chung, M. 80031
Bertran, E. *see* Costa, J. 94263
Bertran, E. *see* Zhang, R.Q. 92768
Bertrand, B. *see* Ciazynski, D. 91185
Bertrand, B. *see* Libeyre, P. 95518
Bertrand, J., Bertrand, P. The concept of hyperimage in wide-band radar imaging 111165
Bertrand, J. *see* Briquet, P. 97178
Bertrand, J.C. *see* Mercantini, J.M. 110932
Bertrand, M. *see* Kallel, F. 80268
Bertrand, O. *see* Yvert, B. 110825
Bertrand, P. *see* Bertrand, J. 111165
Bertrand, P. *see* Ghizzo, A. 79842
Bertrand, P. *see* Ramenah, H.K. 75422
Bertrand, S., Jalocha, A., Tribillon, G., Bouazaoui, M., Rouhet, J. Optical fibre temperature sensor in the cryogenic range 100071
Bertrand, Y. *see* Lavabre, S. 61842
Bertrand, Y. *see* Renovell, M. 61839
Bertrand, Y. *see* Renovell, M. 62056
Bertrand, Y. *see* Renovell, M. 104486
Bertrand, Y. *see* Renovell, M. 106142
Bertru, N., Klann, R., Mazuelas, A., Brandt, O., Ploog, K.H., Gaillard, S. Structural and optical properties of strained (Ga,In)Sb/GaSb quantum wells grown by molecular-beam epitaxy 114758
Bertru, N., Nouaoura, M., Bonnet, J., Lassabatere, L. GaSb molecular beam epitaxy growth on vicinal surfaces studied by RHEED 61177
Bertsch, D.L. *see* Cuddapah, R. 101028
Bertsch, F. *see* Adams, S.G. 74887
Bertsch, J., Feser, K., Fromm, W., Gasparini, M. New algorithms for a numerical busbar protection system 102926
Bertsche, K. Optimal placement of profile monitors in a mismatched FODO lattice 100550
Bertsche, K., Mao, N. Accurate tuning of 90° cells in a FODO lattice 100704
Bertsche, K., Ostiguy, J.-F., Foster, W.B. Temperature considerations in the design of a permanent magnet storage ring 89809
Bertsche, K., Palkovic, J. Beam profile measurement in the presence of noise 100572
Bertsche, K. *see* Foster, G.W. 89784
Bertschmann, R.K. *see* Woudsma, R. 93412
Bertschy, M., Jolie, J., Mondelaers, W. Status report on the tunable monochromatic gamma-ray source 100796
Bertschy, M., Jolie, J., Mondelaers, W. Improvement of heavy element tomography results using tunable gamma-ray beams 101009
Bertschy, M. *see* Stritt, N. 101010
Bertschy, M.R. *see* Brown, C.J. 90600
Bertsekas, D.P. Incremental least squares methods and the extended Kalman filter 103730
Bertsekas, D.P. *see* Tseng, P. 113130
Bertsekas, D.P. *see* Varvarigos, E.A. 87299
Bertuccio, G., Alietti, M., Canali, C., Cetronio, A., Chiossi, C., Nava, F. Performance of SI LEC GaAs detectors at 20°C and –30°C for X- and γ-ray spectroscopy 120200
Bertuccio, G., Fasoli, L., Fiorini, C., Gatti, E., Longoni, A., Sampietro, M., Hauff, D., Kemmer, J., Richter, R. Silicon drift detector with integrated p-JFET for continuous discharge of collected electrons through the gate junction 110555
Bertuccio, G. *see* De Geronimo, G. 93147
Bertuccio, G. *see* De Geronimo, G. 115239
Bertuccio, G. *see* Fasoli, L. 100970
Bertuccio, G. *see* Sampietro, M. 100971
Bertus, N. *see* Hauser, T. 113597
Bertuzzi, J.-P. *see* van Rooij, M. 100430
Berube, D., Ghannouchi, F.M., Savard, P. A comparative study of four open-ended coaxial probe models for permittivity measurements of lossy dielectric/biological materials at microwave frequencies 120366
Berus, T. *see* Oszwaldowski, M. 79754
Berven, C. *see* Smith, J.C. 105292
Berwald, D. *see* Paulson, C.C. 89598
Berwart, L. *see* Slangen, P. 79728
Berwart, L. *see* Slangen, P.R.L. 89536
Berz, M. Differential algebraic description and analysis of spin dynamics 120003
Berz, M. *see* Weishi Wan 89955
Berz, M. *see* Weishi Wan 120023
Berzins, A.R. *see* Hong Huang 94143
Berzins, L.V. *see* Galanti, S.A. 96699
Bes, H. *see* Chen, J.D.Z. 117402
Besanger, Y., Maginier, S., Hadjsaid, N., Feuillet, R. Thyristor controlled series compensation: some aspects of different circuit parameters and voltage stability margin 81067
Besanger, Y., Passelergue, J.C., Hadjsaid, N., Feuillet, R. Improvement of power system performance by inserting FACTS devices 70838
Besbes, M., Ren, Z., Razek, A. Finite element analysis of magneto-mechanical coupled phenomena in magnetostrictive materials 64277
Besca, F. *see* Kaiser, D. 78827
Besch, H.J. *see* Dix, W.R. 70096
Bescond, C. *see* Audoin, B. 119892
Besedin, B.A. Some generalizations of the theory of regression experiments in problems on siting measuring instruments 109970
Besenhard, J.O. *see* Wagner, M.W. 112238
Beserman, R. *see* Chergui, A. 92772
Beshai, M., Munter, E. Multi-tera-bit/s switch based on burst transfer and independent shared buffers 78307
Beshai, M. *see* Yan, J. 77600
Beshir, K.I., Richie, J.E. On the location and number of expansion centers for the generalized multipole technique 65775
Beshir, M.J., Cheng, T.C., Farag, A.S.A. Comparison of two bulk power adequacy assessment programs: TRELSS and COMREL 120985
Beshir, M.J., Cheng, T.C., Farag, A.S.A. Comparison of Monte Carlo simulation and state enumeration based adequacy assessment programs: CREAM and COMREL 120986
Beshir, M.J. *see* Larsen, E.V. 91088
Besida, O. *see* Barabanov, I.R. 110568
Besinger, F.H. *see* Cebon, D. 81981
Beske, E. *see* Rahn, A. 92188
Besland, M.P., Jourba, S., Lambrinos, M., Louis, P., Viktorovitch, P., Hollinger, G. Optimized SiO_2/InP structures prepared by electron cyclotron resonance plasma 105499
Besler, S. *see* Williams, P.T. 91763
Besley, J.A., Love, J.D. Supermode analysis of fibre transmission 75491
Besnainou, J. *see* Brinkley, A. 72310
Besnier, P. *see* Cros, D. 83319
Besombes, J.L. *see* Poyard, S. 119748
Bespalov, V.G., Danilov, O.B., Zhevlakov, A.P., Tulsky, S.A. Four-wave mixing in inverted medium of the photodissociative iodine laser 116341
Bespalov, V.G., Zhevlakov, A.P., Leshchenko, D.O., Yutanova, E.Yu. Spatial coherence of radiation of electric-discharge XeCl lasers 75794
Bespalov, V.I., Bredikhin, V.I., Ershov, V.P., Zil'berberg, V.V., Katsman, V.I., Potapenko, S.Yu. Effective technology of fabricating KDP, DKDP crystals to be used in high-energy lasers 92656
Bespalov, V.I., Bredikhin, V.I., Ershov, V.P., Zilberberg, V.V. Recent results on high rate growth of KDP-type crystals for power laser systems 116660
Bespalov, V.I., Buryak, I.A., Petin, V.K., Ratakhin, N.A., Ryzhov, V.V., Turchanovskii, I.Yu. X-radiation from a SNOP-1 unit 120237
Bespalova, M.B. *see* Trifonov, A.P. 67182
Bessafi, M. *see* Molinaro, F. 111201
Bessalov, A.V. Synthesis of orthogonal negacyclic codes with double shifts 76722
Besse, I. *see* Dubecky, F. 120153
Besse, P.-A. *see* Holtmann, Ch. 106991
Besse, P.-A. *see* Passeraub, P.A. 88980
Besse, P.A., Gini, E., Bachmann, M., Melchior, H. New 2×2 and 1×3 multimode interference couplers with free selection of power splitting ratios 116095
Besse, P.A. *see* Lai, Q. 95766
Besse, P.A. *see* Leuthold, J. 75673
Besse, P.A. *see* Leuthold, J. 88513
Besser, L. Network analyzer measurements and deembedding 79273
Besser, L., Frobenius, R. Available gain amplifier design 93151
Besser, P. *see* Pramanick, S. 115009
Besser, P.R., Marieb, T.N., Jin Lee, Flinn, P.A., Bravman, J.C. Measurement and interpretation of strain relaxation in passivated Al-0.5% Cu lines 84223
Bessergenev, V.G., Belyi, V.I., Rastorguev, A.A., Ivanova, E.N., Kovalevskaya, Yu.A., Larionov, S.V., Zemskova, S.M., Kirichenko, V.N., Nadolinnyi, V.A., Gromilov, S.A. Electroluminescent ZnS:Mn films prepared at 220–450°C using complex compounds with sulphur-containing ligands 104131
Besserman, R. *see* Eyal, A. 83968
Bessette, D. *see* Mitchell, N. 95584
Bessho, K., Iwasaki, Y., Hashimoto, S. Nanoscale magnetic mounds fabricated using a scanning probe microscope 115518
Bessho, K. *see* Tobe, M. 87620
Bessho, M. *see* Tsugai, M. 119611
Bessho, N. *see* Kimura, M. 85137
Bessho, N. *see* Nishikawa, M. 106870
Bessho, N. *see* Nishikawa, M. 119798
Bessho, Y., Tomura, Y., Shiraishi, T., One, M., Ishida, T., Omoya, K. Advanced flip-chip bonding technique to organic substrates 82239
Bessho, Y., Uetani, T., Suzuki, J., Shono, M., Ibaraki, A., Yagi, K., Yodoshi, K., Niina, T. Self-pulsating 630-nm band strain-compensated MQW AlGaInP laser diodes 65252
Bessho, Y. *see* Tomura, Y. 104979
Bessi, F. *see* Bandinelli, M. 97185
Bessi, F. *see* Bandinelli, M. 98979
Bessios, A.G. Compound compensation strategies for wireless data communications over the multimodal acoustic ocean waveguide 68537
Bessis, D. Pade approximations in noise filtering 60937
Bessler, U., Schempp, A., Deitinghoff, H., Kipper, A., Klabunde, J., Sieber, T., Spaedtke, P. Ar^+-beam experiments with the high-current heavy-ion Spiral-RFQ at GSI 100748
Bessler, U. *see* Stiebing, K. 100749
Bessolov, V.N., Konenkova, E.V., Lebedev, M.V. Luminescence and X-ray photoelectron spectroscopy of GaAs surface sulfide-treated in alcohol solutions 114945
Besson, G.M. CT fan-beam parameterizations leading to shift-invariant filtering 90423
Besson, O., Galtier, F. Bounds for estimation of particle's velocity from laser measurements 119954
Besson, O., Stoica, P. Analysis of MUSIC and ESPRIT frequency estimates for sinusoidal signals with lowpass envelopes 108325
Besson, P. *see* Abbes, M. 90145
Besson, P. *see* Aleksan, R. 62561
Bessonov, E.G., Kim, K.-J. Gamma ray sources based on resonant backscattering of laser beams with relativistic heavy ion beams 90248
Bessudnova, N.O., Rozhnev, A.G., Trubetskov, D.I. The influence of electron velocity spread on parameters of microwave vacuum microelectronics devices 74022
Best, B., Okamura, T. Creating an inexpensive, narrow-band, multifunction S/L-band Earth station for the remote Pacific islands: a challenge to the industry, carriers, and funding agencies 88430
Best, J.P. *see* Harvey, S.B. 69567
Best, P.E. *see* Markham, J.R. 70619
Best, R.A., Zelaya-De La Parra, H. Transient response of a static VAr shunt compensator 70685
Best, S. Perceptual and oculomotor implications of interpupillary distance settings on a head-mounted virtual display 119820

Bestavros, A. AIDA-based real-time fault-tolerant broadcast disks 88805
Bestavros, A. *see* Crovella, M.E. 77982
Bestebroer, V.S.I., Smakman, G.J.J., Kwant, K.W. Biomass as a raw material for energy: a future potential energy source 121278
Bester, J.A. *see* Crouse, P.L. 104122
Bester, M. SatTrack (V4.0)–a real-time satellite tracking and orbit prediction program 90730
Bestion, N. *see* Cai, G.G. 101456
Bestwick, T. *see* Najda, S.P. 107003
Besuijen, K. *see* Spenkelink, G.P.J. 89398
Beszedics, G. *see* Pavuza, F.G. 112575
Betancor, M.J. *see* Melian, V.M. 87738
Betancor, M.J. *see* Perez-Jimenez, R. 67743
Betancor, M.J. *see* Perez-Jimenez, R. 118686
Betancourt-Silva, F., Betancourt-Soto, F., Barrios, L.J., Guinea, D. Statistical tool wear evaluation for cutting processes 99956
Betancourt-Soto, F. *see* Betancourt-Silva, F. 99956
Beteille, D., Setzkorn, R., Prevost, H., Dusseau, L., Fesquet, J., Gasiot, J., Muraro, S., Delard, R., Dubois, J.B., Ailleres, N., Missous, O. Laser heating of thermoluminescent plates: application to intraoperative radiotherapy 110913
Beteille, D. *see* Cai, G.G. 101453
Betensky, E. Zoom lenses for small CCD cameras 69237
Betge-Brezetz, S., Hebert, P., Chatila, R., Devy, M. Uncertain map making in natural environments 77299
Betge-Brezetz, S. *see* Hebert, P. 79716
Beth, T. Designs, codes and crypts — a puzzle altogether 76717
Beth, T. *see* Aagedal, H. 85571
Beth, T. *see* Klappenecker, A. 66735
Beth, T. *see* Lazic, D.E. 66365
Bethea, C.G., Fang, W., Chen, Y.K., Chuang, S.L. Imaging spatial and spectral inhomogenous spontaneous emission in high power semiconductor lasers 65270
Bethge, F., Meier, S. Optimal discretization of the ordinates of random processes 92405
Bethge, K. *see* Kurtz, E. 74207
Bethge, K. *see* Stiebing, K. 100749
Bethge, K.H.W. Applications of ion linacs 61468
Bethge, K.H.W. Non-medical application of linacs 69586
Bethoux, O. *see* Sahling, S. 100374
Betigeri, M.G. Experiments with 'cooled' beams 69672
Betigeri, M.G. Superconducting linac booster 69673
Betin, F., Dubois, O., Deloizy, M., Goeldel, C. Implementation of fuzzy algorithm for speed control of a step motor drive, comparison with self tuning regulation and neural control 91798
Betko, J., Morvic, M., Novak, J., Forster, A., Kordos, P. Hall mobility analysis in low-temperature-grown molecular-beam epitaxial GaAs 114637
Betko, J. *see* Dubecky, F. 120153
Betko, J. *see* Novak, J. 114951
Beton, P.H., Blackburn, A., Neves, B.R.A., Robbins, D.J. Fabrication of Si nanostructures by controlled sidewall oxidation 62982
Beton, P.H. *see* Buhmann, H. 63550
Beton, P.H. *see* Dunn, A.W. 84179
Beton, P.H. *see* Wang, J. 63549
Beton, P.H. *see* Wang, J. 63553
Betouras, J.J., Joynt, R., Zi-Wen Dong, Venkatesan, T., Hadley, P. Ginzburg-Landau theory of Josephson field effect transistors 115943
Betros, R.S. *see* Bronowicki, A.J. 61456
Betser, Y., Ritter, D. Electron transport in heavily doped bases of InP/GaInAs HBT's probed by magneto transport experiments 94908
Betsuyaku, H. *see* Oshima, T. 61672
Bett, T.H., Stevenson, R.M., Taghizadeh, M.R., Miller, J.M., Lightbody, T.M., Blair, P., Layet, B., Watson, N., Barton, I., Robb, G., McMonagle, J. Diffractive optics development for application on high power solid state lasers 85419
Bett, T.H. *see* Andrew, J.E. 85423
Betta, C.E. *see* Yeh, S.Y. 77878
Betta, G., Dell'Isola, M. Optimum choice of measurement points for sensor calibration 109980
Betta, G., Liguori, C., Pietrosanto, A. The use of genetic algorithms for advanced instrument fault detection and isolation schemes 119535
Betta, G., Pietrosanto, A., Scaglione, A. A digital liquid level transducer based on optical fiber 69216
Betta, G., Pietrosanto, A., Scaglione, N. Microcontroller-based performance enhancement of an optical fiber level transducer 110194
Betta, G. *see* Bernieri, A. 70637
Betta, G. *see* Bernieri, A. 110021
Betta, G.F.D., Verzellesi, G., Pignatel, G.U., Boscardin, M., Amon, S. N-channel JFET for on-chip read-out electronics of radiation detectors 63800
Betta, G.F.D. *see* Paccagnella, A. 63755
Betta, G.F.Dalla *see* Dalla Betta, G.F.
Bettati, R., Ferrari, D., Gupta, A., Heffner, W., Howe, W., Moran, M., Nguyen, Q., Yavatkar, R. Connection establishment for multi-party real-time communication 118531
Bettati, R., Gupta, A. Dynamic resource migration for multiparty real-time communication 87424
Bettati, R. *see* Oppliger, R. 78179
Bettayeb, M. *see* Zerguine, A. 107951
Bettaz, M., Maouche, M., Barkaoui, K. Formal specification of communication protocols with object-based ECATNets 108870
Bettenhausen, M. *see* Mouzouris, Y. 108019
Bettenhausen, M. *see* Scharer, J.E. 117092
Betteridge, S. *see* Morales, M.P. 106569
Bettess, P. *see* Li, L.-Y. 103791
Betti, M.G., Biagi, R., del Pennino, U., Mariani, C., Pedio, M. Cesium-induced electronic states and space-charge-layer formation in Cs/InSb(110) interface 74466
Betti, S. *see* Aureli, G. 78242
Betting, F. *see* Declerck, J. 110748
Bettini, A., Carrescia, V., Profumo, F., Tommasini, R. Electrical safety aspects in electrical road vehicles: protection against electric shocks 91910
Bettini, G., Bicci, A., Cioni, R., Costa, F., De Palo, M. Cluster model: a new procedure for the computation of E.M. scattering from radar targets 109728
Bettini, P. *see* Bellina, F. 116828
Bettiol, A. *see* Coulson, D. 75466
Bettiol, A.A. *see* Weiser, P.S. 72828
Bettis, J.R., Bennett, G. Can scaling be extended to gigahertz repetition rates? 107478
Betts, A. *see* Shafeeu, H. 104681
Betts, G.E., O'Donnell, F.J. Microwave analog optical links using suboctave linearized modulators 99583
Betts, G.E. *see* Cox, C.H., III 99501
Betts, J.A. *see* Nehl, T.W. 103142
Betz, F.D. *see* Crooker, S.A. 75912
Betz, G. *see* Husinsky, W. 60815
Betz, J.W. *see* Kolodziejski, K.R. 66641
Betz, T. Automatic measurements on tape recorders using audio analyzer UPD 88937
Betzer, T. *see* Eastham, J.F. 71829
Betzer, T. *see* Eastham, J.F. 102746
Betzer, T. *see* Gair, S. 112003
Betzner, T.M., Doty, J.R., Hamad, A.M.A., Thurman Henderson, H., Berger, F.G. Structural design and characteristics of a thermally isolated, sensitivity-enhanced, bulk-micromachined, silicon flow sensor 79354
Beuhler, A.J. *see* Kowalczyk, T.C. 75399
Beukes, H.J., Enslin, J.H.R., Spee, R. Performance of the auxiliary resonant commutated pole converter in converter based utility devices 121761
Beukes, H.J. *see* Mok, P.P. 121762
Beulens, J.J. *see* Kastenmeier, B.E.E. 114928
Beunder, M., Sniguirev, D. Setting up the technology infra-structure for CAD systems 82154
Beune, R.J.L. *see* Bos, M.F.J. 70786
Beus, S.E. *see* Ruf, C.S. 120799
Beusch, W. *see* Antinori, F. 120156
Beusch, W. *see* Mueller, U. 69711
Beuthan, J. *see* Muller, G. 98197
Beutier, T. *see* Boscher, D. 70481
Beutler, C. *see* Haberlin, H. 91394
Beutler, G., Brockmann, E., Hugentobler, U., Mervart, L., Rothacher, M., Weber, R. Combining consecutive short arcs into long arcs for precise and efficient GPS orbit determination 68323
Beuttenmuller, B. *see* Warren, T. 112820
Beuven, S. *see* Hein, M.A. 84890
Beuville, E., Barale, P., Bieser, F., Hearn, W., Klein, S.R., Lisa, M.A., Noggle, T., Ritter, H.G., Vu, C., Wieman, H. A low noise amplifier-shaper with tail correction for the STAR detector 100968
Beuville, E., Barale, P., Hearn, W., Klein, S.R., Lisa, M.A., Noggle, T., Ritter, H.G., Vu, C., Wieman, H. A low noise amplifier-shaper with tail correction for the STAR detector 90203
Beuville, E., Collins, T., Kipnis, I., Nygren, D., Oltman, E., Hauptman, J. An efficient digital X-ray imaging system with high spatial resolution and robust energy sensitivity 101309
Beuville, E., Cork, C., Earnest, T., Mar, W., Millaud, J., Nygren, D., Padmore, H., Turko, B., Zizka, G., Datte, P., Nguyen-Huu Xuong A 2D smart pixel detector for time resolved protein crystallography 80191
Beuville, E., Cork, C., Earnest, T., Mar, W., Millaud, J., Nygren, D., Padmore, H., Turko, B., Zizka, G., Datte, P., Nguyen-Huu Xuong A 2D smart pixel detector for time resolved protein crystallography 101239
Beuville, E. *see* Clancy, R.L. 100954
Beuville, E. *see* King, E.E. 69818
Beuville, E. *see* Klein, S.R. 90223
Beuville, E. *see* Klein, S.R. 100976
Beuville, E. *see* Moses, W.W. 90311
Beuville, E. *see* Turko, B.T. 90204
Beuville, E. *see* Turko, B.T. 100966
Bevensee, B., Newcomer, F.M., Van Berg, R., Williams, H.H. An amplifier-shaper-discriminator with baseline restoration for the ATLAS transition radiation tracker 90220
Bevensee, B., Newcomer, F.M., Van Berg, R., Williams, H.H. An amplifier-shaper-discriminator with baseline restoration for the ATLAS transition radiation tracker 100952
Beveridge, J.L. *see* Bricault, P.G. 79993
Beveridge, J.R., Hanson, A., Panda, D. Model-based fusion of FLIR, color and LADAR 68705
Beveridge, J.R. *see* Schwickerath, A.N.A. 77134
Beverini, N., Del Gobbo, G., Genovesi, G.L., Maccarrone, F., Strumia, F., Paganucci, F., Turco, A., Andrenucci, M. Time-resolved plasma diagnostic by laser-diode spectroscopy 119926
Beverini, N., Maccioni, E., Strumia, F., Godone, A., Novero, C. Frequency doubled laser diodes: application to Mg and Ca atomic frequency standard 68961
Beverly, N.L. *see* Alers, G.B. 74614
Beverly, R.E., III, Campbell, R.N. Transverse-flow 50-kV trigatron switch for 100-pps burst-mode operation 71562
Bevilacqua, A. *see* Cribier, M. 110538
Bevinakoppa, S.G., Sharda, N.K., Sharda, H. Implementation of JPEG algorithm on Shiva parallel architecture 97577
Bevington, J.E., Siejko, K. Ladar sensor modeling and image synthesis for ATR algorithm development 88714
Bevis, M., Chiswell, S., Businger, S., Herring, T.A., Bock, Y. Estimating wet delays using numerical weather analyses and predictions 76419
Bexell, M., Johansson, S. A high torque miniature inchworm motor 71366
Bexell, M. *see* Thornell, G. 84651
Bey-Jsang Hsu, Jenn-Hwan Tarng, Wei-Ju Chang Modeling and measurement of 2.44 GHz and 900 MHz radio propagation in corridors 65859
Beyazov, J.J. *see* Stoyanov, B.P. 89565
Beyene, A., Lowrey, P. Strategies to raise the off-design efficiency of chiller machines 91963
Beyene, W. *see* Vinchao Chen 92266
Beyene, W.T., Schutt-Aine, J.E. Accurate diode forward and reverse recovery model using asymptotic waveform evaluation techniques 115140
Beyer, A., Ebest, G., Reich, R. Response to "Comment on 'Metal-insulator-semiconductor inversion layer solar cells by using rapid thermal processing'" [Appl. Phys. Lett. 68, 2905 (1996)] 71702
Beyer, A. *see* Hauschild, B. 76510
Beyer, A. *see* Muller, U. 116950
Beyer, F. *see* Schopflin, A. 119208
Beyer, K. *see* Acovic, A. 106206
Beyer, K.A. *see* Nolen, J.A. 100590
Beyer, R., Arndt, F. Field-theory design of circular waveguide dual-mode filters by a combined mode-matching finite element method 62180
Beyer, R. *see* Boheim, M. 62305
Beyer, T., Kinahan, P., Townsend, D., Sashin, D. Attenuation correction for a combined 3D PET/CT scanner 70067
Beyer, T. *see* Townsend, D. 80237
Beyer, W., Mell, H. Comparative study of light-induced photoconductivity decay in hydrogenated amorphous silicon 94399
Beyer, W. *see* Schade, K. 92895
Beyerlein, M. *see* Dresel, T. 96833
Beyette, F.R., Jr. *see* Stanko, P.J. 85335
Beyin Chen *see* Chen, J.E. 61831
Beylat, J.-L. *see* Artigaud, S. 88597
Beylat, J.-L. *see* Artigaud, S. 88650
Beylat, J.-L. *see* Chbat, M. 78716
Beylat, J.-L. *see* Penninckx, D. 78714
Beylat, J.L. *see* Penninckx, D. 68501
Beylat, J.L. *see* Penninckx, D. 88512
Beylkin, G., Torresani, B. Implementation of operators via filter banks. Hardy wavelets and autocorrelation shell 66748
Beylot, A.-L., Kohlenberg, I., Becker, M. A performance evaluation of a 3-stage ATM Clos switch under bursty traffic 117999
Beylot, P., Gingins, F., Kalra, P., Magnenat Thalmann, N., Maurel, W., Thalmann, D., Fasel, J. 3D interactive topological modeling using visible human dataset 108464
Beymer, D., Poggio, T. Image representations for visual learning 98093
Beymer, D.J. Face recognition under varying pose 77304
Beyne, E. Issues and opportunities in thin film MCM 114476
Beyne, E. *see* Christiaens, F. 112903
Beyne, E. *see* Christiaens, F. 114452
Beyne, E. *see* Pieters, P. 62365
Beyne, E. *see* Truzzi, C. 62531
Beyne, E. *see* Truzzi, C. 73908
Beynon, J. *see* Rahman, M.H. 105205
Beyzavi, K. *see* Forrest, S.R. 64850
Bez, N. *see* Esseni, D. 83116
Bez, R. *see* Auricchio, C. 115341
Bez, R. *see* Concannon, A. 61873
Bez, R. *see* Selmi, L. 63671
Bez, R. *see* Selmi, L. 114832
Bezanov, G.J. *see* Richardson, J. 122004
Bezborodov, V.S., Petrov, V.F., Lapanik, V.I. Liquid crystalline oxygen containing heterocyclic derivatives 75601
Bezdek, J.C., Chandrasekhar, R., Attikiouzel, Y. A new fuzzy model for edge detection 108558
Bezdek, J.C. *see* Bensaid, A.M. 67096
Bezdek, J.C. *see* Hathaway, R.J. 97798
Bezdek, J.C. *see* Karayiannis, N.B. 108144
Bezdicka, P. *see* Lostak, P. 74312
Bezecny, D. *see* Bahr, D. 89243
Bezek, J. *see* Bilik, V. 69471
Bezem, M. *see* Barendsen, E. 82454
Bezemer, J. *see* Eliat, A. 94573
Bezemer, J. *see* Meiling, H. 113418
Bezerianos, A. *see* Laskaris, N. 120429
Bezerra, F., Hardy, D., Velazco, R., Ziade, H. TILMICRO, a new SEU and latch-up tester for

microprocessors: initial results on 32-bit floating point DSPs 110014
Bezerra, F., Velazco, R., Assoum, A., Benezech, D. SEU and latch-up results on transputers 73463
Bezerra, F., Velazco, R., Assoum, A., Benezech, D. SEU and latch-up results on transputers 104599
Bezerra, F. *see* Poivey, C. 73462
Bezerra, F. *see* Poivey, C. 104598
Bezerra, J.C. *see* Dias, I.F.L. 94546
Bezerra, J.M.B., Silva, A.F.D. Use of pattern recognition techniques in transmission lines defects monitoring 102212
Bezotosny, V.V., Guan Rong Guo, Guan Xin Guo, Karga, P.V., Zhang Qi Lin, Zhang Zheng De Modeling and experimental study of 780-808-nm AlGaAs/GaAs injection lasers with electron superlattice barriers 75916
Bezotosnyi, A.A., Drobzhev, V.I., Somsikov, V.M., Askarov, A.G., Belyaev, V.A. On peculiarities of variations in the virtual heights of reflection during transient hours of the day 116913
Bezotosnyi, V.V., Kumykov, K.K., Markova, N.V. Thermal conditions in high-power monolithic linear injection-laser arrays 116543
Bezrodnyi, V.I., Derevyanko, W.A., Ishchenko, A.A. Highly efficient polymer passive switches for a ruby laser 65406
Bezruk, V.M., Omel'chenko, V.A., Kolesnikov, O.A. Choosing an optimum structure of a random-signal recognition system for optimization of designs by a set of quality criteria 66755
Bezrukov, D. Application of the similarity theory and physical modeling in nonlinear electrotechnics [power magnetic devices] 116830
Bezrukovs, V. *see* Sika, Z. 121454
Bezuglov, D.A. Photodetection of Poisson signals in laser differential Doppler systems 85785
Bezuidenhoudt, S.J., Galatis, K.N., Johnson, P.A. Standardisation of prepayment systems in South Africa, 1993-1996. A systems approach 102296
Bezuidenhoudt, S.J. *see* Anderson, R.J. 66535
Bezuidenhout, A. A high gain, wideband, vehicular twin-wire whip antenna 117035
Bezuidenhout, A. Conformal edge slot radiator antennas for cylindrical structures 117038
Bezuidenhout, A. Wideband circular whip antenna arrays 117088
Bezuidenhout, E. New developments in lighting for mining applications 122111
Bezuidenhout, J. *see* Anderson, R. 102301
Bezzaa, B. *see* Alabbas, S.H. 79441
Bezzateev, S.V., Shekhunova, N.A. Quasi-cyclic Goppa codes 66495
Bezzubov, V.A. *see* Antipov, Yu.M. 69794
Bgrces, J. *see* Frigyes, I. 85168
Bhadra, S.K., Sarkar, S.K., Chakraborty, R.N., Sengupta, K., Basuray, A. Application of a birefringent lens in photoelastic studies using a coherent moire technique 104253
Bhadra, S.N., Ratnam, K.V., Manjunath, A. Study of voltage build up in a self-excited, variable speed induction generator/static inverter system with DC side capacitor 111986
Bhadra, S.N. *see* Chakraborty, C. 111959
Bhadra, S.N. *see* Chakraborty, C. 111981
Bhadra, S.N. *see* Ghosh, B.C. 103055
Bhadra, S.N. *see* Mondal, S.K. 81979
Bhadra, S.N. *see* Mondal, S.K. 121464
Bhadra, S.N. *see* SenGupta, S. 111996
Bhagavannarayana, G. *see* Lal, K. 105600
Bhagavannarayana, G. *see* Ramanan, R.R. 103827
Bhagavath, V.K., Sobol, H., Menendez, R.C., Shumate, P.W., Jr Novel self-healing configurations for broadband fiber-based access network architectures 78812
Bhagvat, S. *see* Atluri, V. 63352
Bhagwandien, R. *see* de Munck, J.C. 120294
Bhagwat, A., Mukherjee, M. Computer aided design for shelter performance analysis 76461
Bhagwat, P., Bhattacharya, P., Krishna, A., Tripathi, S.K. Enhancing throughput over wireless LANs using channel state dependent packet scheduling 87799
Bhagwat, P., Perkins, C., Tripathi, S. Network layer mobility: an architecture and survey 78060
Bhagwat, P. *see* LaMaire, R.O. 98763
Bhagwat, S.D. *see* Bhalode, S. 120264
Bhagwat, S.D. *see* Patil, S.M. 120421
Bhakat, S.K., Das, P. Fuzzy subrings and ideals redefined 92466
Bhaktavatsalam, A.K. *see* Choudhury, R. 122100
Bhalerao, J.B. *see* Bhat, K.P.M. 68641
Bhalla, A. *see* Ramungul, N. 105921
Bhalla, A.S., Ruyan Guo Oxide perovskite crystals for HTSC film substrates microwave applications 113408
Bhalla, K.B. Salient results of heavy ion experiments 90160
Bhalla, K.B. *see* Aggarwal, M.M. 69839
Bhalla, R. *see* Ling, H. 99625
Bhalode, S., Hegde, V., Joshi, M., Soni, S., Venkatraj, V., Bhagwat, S.D. Polygraphic techniques: an expert system approach 120264
Bhambhani, U. *see* Ali, Y.P. 105180
Bhan, R.K. *see* Dhar, V. 106974
Bhandal, A., Detlefsen, W., Graf, J., Kimber, P., Schmedding, R. Short-range communication systems used by the PROMETHEUS project 99113
Bhandari, M.C., Durairajan, C. A note on bounds for q-ary covering codes 97573
Bhandari, S. *see* Ranade, R. 93652
Bhandarkar, S.M., Chirravuri, S., Whitmire, D. Analysis of heart rate variability on a massively parallel processor 101078
Bhandarkar, S.M. *see* Peihua Qiu 86950
Bhandhari, R. *see* Walivadekar, V.N. 111934
Bhang, H. *see* Kim, Y.D. 69812
Bhanji, A. *see* Guo, H.Z. 62584
Bhansali, S., Sood, D.K. Selective seeding of copper films on polyimide-patterned silicon substrate, using ion implantation 84624
Bhanu, B. Image understanding research at UC Riverside 67466
Bhanu, B., Das, S., Roberts, B., Duncan, D. A system for obstacle detection during rotorcraft low altitude flight 90707
Bhanu, B. *see* Braithwaite, R.N. 77138
Bhanu, B. *see* Burger, W. 77163
Bhanu, B. *see* Das, S. 77368
Bhanu, B. *see* Jing Peng 86426
Bhanu, B. *see* June Ho Yi 117738
Bhanu, B. *see* Rong, S. 77136
Bhanu, B. *see* Rong, S. 86374
Bhanu, B. *see* Wu, X. 77137
Bhar, G.C., Rudra, A.M., Chaudhary, A.K. The generation of efficient tunable coherent near-IR radiation by temperature-tuned non-critical difference-frequency mixing in a LBO crystal 65507
Bhar, G.C., Rudra, A.M., Chaudhary, A.K., Sasaki, T., Mori, Y. Highly efficient difference-frequency generation in KTP 116655
Bharadwaj, R.N., Srivatsava, N.K. Evolution of information networks and future trends in India 87768
Bharadwaj, V. Status and future of the Tevatron 79930
Bharadwaj, V., Braun, A., Halling, M., Holt, J.A., Still, D. Fermilab contributions to the FFTB 89676
Bharadwaj, V., Crawford, J., Mau, R. Fermilab collider Run 1b statistics 79817
Bharadwaj, V., Li, H.F., Radhakrishnan, T. Scheduling divisible loads in bus networks with arbitrary processor release times 109072
Bharadwaj, V. *see* Alexandrof, V.A. 100628
Bharadwaj, V. *see* Colby, E. 90087
Bharadwaj, V. *see* Tenenbaum, P. 89675
Bharadwaj, V. *see* Zaman, P. 106179
Bharathi, P. *see* Moore, J.S. 64963
Bhardwaj, J.K., Ashraf, H. Advanced silicon etching using high density plasmas 74915
Bhardwaj, V. *see* Tripathy, S.C. 71179
Bhargava, B. Effectiveness of thyristor controlled series capacitors in damping SSR on Mohave generators and its comparison with the NGH device 91086
Bhargava, B. Benefits of a low frequency, low voltage railway electrification system 91857
Bhargava, B. *see* Pitoura, E. 68094
Bhargava, B. *see* Shunge Li 67871
Bhargava, R.N., Gallagher, D., Sosnowski, T., Klein, P.B., Norris, T.B., Soo, Y.L., Kao, Y.H., Kennedy, T.A., Glaser, E.R. Ultrafast and efficient recombination in doped nanocrystals of semiconductors 62713
Bhargava, V.K. *see* Annamalai, A. 98423
Bhargava, V.K. *see* Annamalai, A. 118790
Bhargava, V.K. *see* Bigloo, A.M.Y. 118982
Bhargava, V.K. *see* Fair, I.J. 66370
Bhargava, V.K. *see* Jialin Zou 88354
Bhargava, V.K. *see* Mo-Han Fong 78576
Bhargava, V.K. *see* Yashima, H. 99107
Bhargava, V.K., Seth, D.P.S., Kodali, V.P., Prasad, R., Gupta, R.G. *(editors)* 1996 IEEE International Conference on Personal Wireless Communications Proceedings and Exhibition - Future Access (Cat. No.96TH8165) 92040
Bharghavan, V. *see* Lu, S. 119010
Bharj, S. *see* Yost, T.A. 73766
Bharrat, S.J. *see* Singh, R.K. 98777
Bharthulwar, S. The role of conductor geometry in the stable performance of SAL biased MR heads 115726
Bhasin, K.B. *see* Javadi, H.H.S. 93778
Bhasin, K.B. *see* Miranda, F.A. 115976
Bhaskar, B.K., Balakrishnan, I.S., Jayaraman, R., Lakshmanan, A.V. Indigenous development of a remote afterloading brachytherapy unit for the treatment of carcinoma of cervix 110909
Bhaskar, B.R.U. *see* Dimolitsas, S. 108206
Bhaskar, N. *see* McClelland, T. 88411
Bhaskaran, M. *see* Pearton, S.J. 63410
Bhaskaran, S., Singh, V.P., McClure, J.C., Morton, D.C. An investigation of electron ejection mechanism at the insulator-phosphor interface in ZnS:Mn ACTFEL devices 89375
Bhaskaran, S. *see* Aguilera, A. 89273
Bhaskaran, S. *see* Singh, V.P. 110297
Bhaskaran, V. *see* Armitano, R. 87216
Bhaskaran, V. *see* Armitano, R.M. 86576
Bhat, A.K.S., Zheng, L. Analysis and design of a three-phase LCC-type resonant converter 121593
Bhat, A.K.S., Zheng, R.L. A three-phase series-parallel resonant converter–analysis, design, simulation, and experimental results 102848
Bhat, A.K.S., Zhuang, X. Characteristics of a series-parallel resonant converter with capacitive output filter operating on the utility line 112107
Bhat, A.K.S. *see* Agarwal, V. 121596
Bhat, A.K.S. *see* Belaguli, V. 71414
Bhat, A.K.S. *see* Belaguli, V. 121594
Bhat, A.K.S. *see* Belaguli, V. 121629
Bhat, B., Koul, S.K. Design and realization of millimeter-wave hybrid rings in a fin line 114234
Bhat, B.K. Generalised n-node star delta transformations in high phase order power systems 120960
Bhat, C.L., Koul, R., Kaul, S.R., Kaul, S.K., Kaul, I.K., Goyal, H.C. Hybrid Zener-based VDN–a better choice for Cerenkov light imaging cameras 69858
Bhat, C.M., Bogacz, A., Brown, B.C., Harding, D.J., Fang, S.J., Martin, P.S., Glass, H.D., Sim, J. The Main Injector chromaticity correction sextupole magnets: measurements and operating schemes 89794
Bhat, C.M., MacLachlan, J.A. Simulations of transition crossing in the Main Injector 89971
Bhat, C.M., Martin, P.S. Radiation shielding of the Main Injector 89913
Bhat, C.M., Martin, P.S., Russell, A.D. Design of the MI40 beam-abort dump 100715
Bhat, D.N., Nayar, S.K. Binocular stereo in the presence of specular reflection 77164
Bhat, D.N., Nayar, S.K. Ordinal measures for visual correspondence 86400
Bhat, G.K. Non-destructive evaluation of materials at high temperatures using electro-optic holography 65555
Bhat, G.K. An electro-optic holographic technique for the measurement of the components of the strain tensor on three-dimensional object surfaces 119894
Bhat, H.L. *see* Dutta, P.S. 61182
Bhat, H.L. *see* Dutta, P.S. 62737
Bhat, H.L. *see* Dutta, P.S. 105160
Bhat, H.L. *see* Dutta, P.S. 105681
Bhat, H.L. *see* Dutta, P.S. 114630
Bhat, I.B. *see* Wen-Sheng Wang 61242
Bhat, K.P.M., Bhalerao, J.B., Anjaneyulu, L. An average velocity display circuit for Ka-band CW Doppler radar 68641
Bhat, K.V. Performance model directed admission control for multimedia enabled servers 98900
Bhat, M., Cho, T.H., Yan, J., Han, L.K., Kwong, D.L. Formation of high quality thin stacked oxynitride gate dielectrics by in-situ rapid thermal multiprocessing 63720
Bhat, M. *see* Han, L.K. 84572
Bhat, M.M., Ramamurti, V., Sujatha, C. Studies on the determination of natural frequencies of industrial turbine blades 121374
Bhat, N., Saraswat, K.C. Degradation of LPCVD oxides 84404
Bhat, R. Selective area OMCVD and its applications 61212
Bhat, R. *see* Amersfoort, M.R. 75660
Bhat, R. *see* Amersfoort, M.R. 88482
Bhat, R. *see* Chua, C.L. 65320
Bhat, R. *see* Lee, T.-P. 78880
Bhat, R. *see* Soole, J.B.D. 106928
Bhat, R. *see* Yoo, S.J.B. 64816
Bhat, R. *see* Yoo, S.J.B. 65465
Bhat, R. *see* Yoo, S.J.B. 78782
Bhat, R. *see* Yoo, S.J.B. 107522
Bhat, R. *see* Zah, C.E. 65225
Bhat, R. *see* Zah, C.E. 68417
Bhat, R. *see* Zah, C.E. 76034
Bhat, R. *see* Zhang, X. 107245
Bhatia, C.S. *see* Cutiongco, E.C. 115838
Bhatia, C.S. *see* Giljer, P. 64448
Bhatia, C.S. *see* Xiaohan Yun 115689
Bhatia, D., Jain, P. Non-differentiable pseudo-convex functions and duality for minimax programming problems 72549
Bhatia, D., Jain, P. Generalized f-convexity and duality: a non-differential case 92541
Bhatia, D., Shankar, V. Greedy segmented channel router 113649
Bhatia, D. *see* Kumar, P. 82466
Bhatia, D. *see* Natesan, V. 95155
Bhatia, K.L. *see* Kundu, R.S. 104140
Bhatia, M., Sood, R., Gupta, R.S. Analytical 2-D threshold voltage model for short channel MOSFET with non-uniformly doped substrate 106013
Bhatia, M.S. A technique for depositing metal layers over large areas for EMI shielding 76474
Bhatia, P.S., Keto, J.W. Precisely tunable, narrowband pulsed dye laser 107137
Bhatia, R., Lewin, P.A., Qian Zhang Characterization of optoacoustic transducers 101606
Bhatia, R., Ren-Cang Li On perturbations of matrix pencils with real spectra. II 60984
Bhatia, R. *see* Lewin, P.A. 90570
Bhatia, S. *see* Salon, S.J. 111897
Bhatia, S. *see* Salon, S.J. 121489
Bhatia, V., Burford, M.K., Murphy, K.A., Vengsarkar, A.M. Long-period fiber grating sensors 89122
Bhatia, V., Murphy, K.A., Claus, R.O., Tran, T.A., Greene, J.A. Fiber optic white light interferometry for self-calibrated, absolute strain measurements 79486
Bhatia, V., Sen, M.B., Murphy, K.A., Anbo Wang, Claus, R.O., Jones, M.E., Grace, J.L., Greene, J.A. Demodulation of wavelength-encoded optical fiber sensor signals using fiber modal interferometers 79480
Bhatia, V., Vengsarkar, A.M. Optical fiber long-period grating sensors 69209

Bhatia, V.S. *see* Aggarwal, M.M. 69839
Bhatnagar, A.K. Quenched-in-stress in metallic glass $Fe_{81}B_{13.5}Si_{3.5}C_2$ 84792
Bhatnagar, K. *see* Brown, M.P. 99441
Bhatnagar, M. *see* Weitzel, C.E. 105835
Bhatnagar, M.C. *see* Sharma, R.K. 69342
Bhatnagar, P.K. *see* Nagpal, S. 106773
Bhatnagar, R. *see* Ismaeel, A.A. 61738
Bhatnagar, R. *see* Silver, B. 87623
Bhatnagar, S.K. *see* Kripesh, V. 62497
Bhatnagar, Y.K. *see* Niranjan, S. 105679
Bhatt, B.C. *see* Shinde, S.S. 101466
Bhatt, B.C. *see* Srivastava, J.K. 95971
Bhatt, H.S., Prakash, C.V.S., Aggarwal, A.K. A step towards user independent image processing operational environment for distributed processing 98332
Bhatt, M. Resources on the Internet for engineering education 112785
Bhatt, R.K.P. *see* Sahambi, J.S. 70167
Bhatt, R.N. *see* Taguchi, M. 94285
Bhatt, S.C. *see* McEachern, A. 121088
Bhattachargee, P.S., Das, S., Chowdhury, S.K. Coupling between microstrip transmission lines 73623
Bhattacharjee, A. *see* Chen, J. 96545
Bhattacharjee, B. *see* Anbarasu, R. 111984
Bhattacharjee, B. *see* Sharma, N.D. 81430
Bhattacharjee, B. *see* Sharma, N.D. 111983
Bhattacharjee, S., Sinha, S., Chattopadhyay, C., Chaudhuri, P.P. Cellular automata based scheme for solution of Boolean equations 73196
Bhattacharjee, S. *see* Zegura, E.W. 87787
Bhattacharya, A., Mawst, L.J., Nesnidal, M.P., Botez, D. High-power, narrow-beam, single mode ARROW-type semiconductor diode lasers 65312
Bhattacharya, A. *see* Botez, D. 116491
Bhattacharya, A. *see* Mawst, L.J. 65314
Bhattacharya, A. *see* Mawst, L.J. 96253
Bhattacharya, A. *see* Mawst, L.J. 107295
Bhattacharya, A. *see* Nesnidal, M.P. 65311
Bhattacharya, A. *see* Young, C.L. 65200
Bhattacharya, B. *see* Das, S. 95152
Bhattacharya, B.B. *see* Bandyopadhyay, S. 93474
Bhattacharya, B.B. *see* Das, D.K. 61844
Bhattacharya, B.B. *see* Das, D.K. 93332
Bhattacharya, B.B. *see* Das, D.K. 104499
Bhattacharya, B.B. *see* Dasgupta, P.S. 95159
Bhattacharya, D., Antoniou, A. Real-time design of FIR filters by feedback neural networks 62025
Bhattacharya, D., Antoniou, A. Design of equiripple linear phase FIR filters by feedback neural networks 83228
Bhattacharya, D. *see* Mishra, S.K. 84889
Bhattacharya, D. *see* Sarkar, A. 82719
Bhattacharya, D.K. *see* Kumar, P. 104847
Bhattacharya, D.P. *see* Chakrabarti, N. 94291
Bhattacharya, J.L. *see* Choudhury, U.K. 81408
Bhattacharya, J.L. *see* Suryanarayana, T. 121430
Bhattacharya, M. *see* Chan, H.L.E. 113910
Bhattacharya, P., Singh, J., Yoon, H., Xiangkun Zhang, Gutierrez-Aitken, A., Yeeloy Lam Tunneling injection lasers: a new class of lasers with reduced hot carrier effects 107270
Bhattacharya, P., Wild, D. A new edge detector for gray volumetric data 86897
Bhattacharya, P. *see* Baude, P.F. 74430
Bhattacharya, P. *see* Bhagwat, P. 87799
Bhattacharya, P. *see* Bhumia, S. 94480
Bhattacharya, P. *see* Bose, D.N. 104075
Bhattacharya, P. *see* Freeman, P.N. 74438
Bhattacharya, P. *see* Gutierrez-Aitken, A.L. 109619
Bhattacharya, P. *see* Heisterkamp, D.R. 82428
Bhattacharya, P. *see* Kamath, K. 83962
Bhattacharya, P. *see* Kamath, K. 96266
Bhattacharya, P. *see* Kyounghoon Yang 96060
Bhattacharya, P. *see* Yang, K. 105893
Bhattacharya, P. *see* Yang Wang 86357
Bhattacharya, P. *see* Yoon, H. 65193
Bhattacharya, P. *see* Zhang, X. 107245
Bhattacharya, P. *see* Zhang, X. 116534
Bhattacharya, P.K. *see* Jinju Lee 64947
Bhattacharya, P.K. *see* Sung, C.Y. 63079
Bhattacharya, P.K. *see* Sung, C.Y. 116564
Bhattacharya, P.K. *see* Zhang, F.C. 82700
Bhattacharya, R.N. *see* Fernandez, A.M. 81893
Bhattacharya, S., Bandyopadhyay, D., Saha, S.K., Basu, S.K. Use of ^{169}Yb as a calibration standard 119520
Bhattacharya, S., Dey, S. H-SCAN: A high level alternative to full-scan testing with reduced area and test application overheads 110009
Bhattacharya, S., Dey, S., Brglez, F. Fast true delay estimation during high level synthesis 104453
Bhattacharya, S., Divan, D. Active filter solutions for utility interface of industrial loads 111464
Bhattacharya, S., Divan, D.M., Banerjee, B. Active filter solutions for utility interface 70690
Bhattacharya, S., Resta, L., Divan, D.M., Novotny, D.W., Lipo, T.A. Experimental comparison of motor bearing currents with PWM hard and soft switched voltage source inverters 121700
Bhattacharya, S., Veltman, A., Divan, D.M., Lorenz, R.D. Flux-based active filter controller 70647
Bhattacharya, S. *see* Nahar, L.K. 109065
Bhattacharya, S. *see* Po-Tai Cheng 70658
Bhattacharya, S. *see* Po-Tai Cheng 120990
Bhattacharya, S. *see* Sanyal, S. 109064
Bhattacharya, S. *see* Veltman, A. 112447
Bhattacharya, S.N. *see* Ghosh, K.K. 67757
Bhattacharya, S.N. *see* Saxena, A.K. 119834
Bhattacharya, T. *see* Jones, G. 68591
Bhattacharya, T.K., Scarlett, P., Gautier, C. Artificial intelligence techniques for enhanced tracking performance VTS radars 109772
Bhattacharya, U., Mondry, M.J., Hurtz, G., Guthrie, J., Rodwell, M.J.W., Liu, T., Nguyen, C., Rensch, D. 100 GHz transferred-substrate Schottky-collector heterojunction bipolar transistor 93853
Bhattacharya, U., Samoska, L., Pullela, R., Guthrie, J., Lee, Q., Agarwal, B., Mensa, D., Rodwell, M.J.W. 170 GHz transferred-substrate heterojunction bipolar transistor 84349
Bhattacharya, U. *see* Allen, S.T. 93762
Bhattacharya, U. *see* Pullela, R. 68006
Bhattacharya, U.K. *see* Das, D.K. 104499
Bhattacharyya, A., Raju, J., Saxena, A., Ghosh, S., Dwivedi, K.K. Response of solid dielectrics to the registration of fission product tracks 80123
Bhattacharyya, A.B. Non-destructive photothermal, photoreflectance and photoacoustic techniques for the characterisation of semiconductor materials and devices 106160
Bhattacharyya, A.B., Rana, R.S., Guha, S.K., Bahl, R., Anand, R., Zarabi, M.J., Govindacharyulu, P.A., Gupta, U., Mohan, V., Roy, J., Atri, A. A micropower analog hearing aid on low voltage CMOS digital process 101436
Bhattacharyya, A.B., Singh, D.N., Metha, R., Goswami, I. VMESS: VLSI mechanical stress simulator 74842
Bhattacharyya, A.K. A numerical model for multilayered microstrip phased-array antennas 108083
Bhattacharyya, K., Crow, M.L. A fuzzy logic based approach to direct load control 70712
Bhattacharyya, M. *see* Brug, J.A. 64422
Bhattacharyya, R. *see* Kumar, S. 104142
Bhattacharyya, R. *see* Panwar, O.S. 105540
Bhattacharyya, R. *see* Panwar, O.S. 106755
Bhattacharyya, R.G., Mandal, D.P., Bera, S.C., Rohatgi-Mukherjee, K.K. Photoelectrosynthesis of dihydrogen via water-splitting using $S_x^{2S}(x=1,2,3...)$ as an anolyte: a first step for a viable solar rechargeable battery 71615
Bhattacharyya, S.P. *see* Keel, L.H. 60772
Bhatti, M.A., Siddiqui, A.S. Measurement of polarisation dependent loss in optical fibre and bulk optical devices 64703
Bhatti, S.H. *see* Chai, J.S. 100809
Bhatti, S.S. *see* Singh, J. 110879
Bhaumik, S., Sarkar, C.K. Magneto-quantum effects in hot electron transport in narrow gap alloy semiconductors at high temperatures 105189
Bhaumik, S. *see* Sarma, S.S. 61572
Bhavaraju, M. *see* Weber, E. 102001
Bhawalkar, J.D. *see* He, G.S. 65057
Bhawalkar, J.D. *see* He, G.S. 75851
Bhawalkar, J.D. *see* Zhao, C.F. 96126
Bhawe, B.D. *see* Panchal, C.G. 104204
Bhawe, B.D. *see* Sinha, A. 90180
Bhawe, B.D. *see* Sinha, A. 104234
Bhaya, A. *see* Baran, B. 101791
Bhide, S. *see* Xiaohong Li 120295
Bhimani, A. Securing the commercial Internet 87656
Bhimnathwala, H. *see* Arnold, E. 105995
Bhimnathwala, H. *see* Wong, S.L. 73115
Bhise, B.V., Ghatage, A.K., Kulkarni, B.M., Lotke, S.D., Patil, S.A. Conduction in Mn substituted Ni-Zn ferrites 83866
Bhonsle, S.K., Biswas, J. Virtual process clock: ATM performance measurements on UNIX workstations 77652
Bhoraskar, V.N. *see* Chavan, S.T. 105599
Bhowmik, A. *see* Holmes, R.B. 77196
Bhowmik, R.K. *see* Sarkar, A. 69607
Bhuinya, C.R. *see* Ganguly, A.K. 120219
Bhuiyan, M. *see* Larsen, E.V. 91088
Bhumia, S., Bhattacharya, P., Bose, D.N. Pulsed laser deposition of ZnTe thin films 94480
Bhunia, C.T. Molecular electronics 83646
Bhunia, S. *see* Bose, D.N. 104075
Bhupal, A. *see* Verma, A.K. 73621
Bhupal, A. *see* Verma, A.K. 93675
Bhushan, B. Methodology for roughness measurement and contact analysis for optimization of interface roughness 69490
Bhushan, B. Nanotribology and nanomechanics of MEMS devices 74896
Bhushan, B. Macro- and microtribology of magnetic rigid-disk storage devices 106501
Bhushan, B., Chilamakuri, S. Non-Gaussian surface roughness distribution for magnetic media for minimum friction/stiction 75245
Bhushan, B., Patnaik, S., Jhanji, S. Innovative tariff and metering for Indian grids 101801
Bhushan, B., Patton, S.T., Sundaram, R., Dey, S. Pole tip recession studies of hard carbon-coated thin-film tape heads 75257
Bhushan, B., Youlin Li Wear studies of contact recording interface with a microfabricated head 75244
Bhushan, B. *see* Hsiao, H.-S.S. 75216
Bhushan, B. *see* Hsiao, H.-S.S. 75217
Bhushan, B. *see* Koinkar, V.N. 75247
Bhushan, B. *see* Miller, R.A. 64411
Bhushan, B. *see* Patton, S.T. 75249
Bhushan, B. *see* Patton, S.T. 115693
Bhushan, B. *see* Poon, C.Y. 75248
Bhushan, B. *see* Weick, B.L. 84833
Bhutt, S., Jandrell, I.R., Reynders, J.P. Corona stabilisation in SF_6: current understanding 95261
Bhutt, S., Jandrell, I.R., Reynders, J.P. Corona stabilisation in SF_6: modelling 95262
Bhuva, B. *see* Kang, W.P. 74029
Bhuva, B. *see* Kang, W.P. 83746
Bhuva, B. *see* Pagey, M. 95027
Bhuvaneshwar, G.S. *see* Khambete, N.D. 110836
Bhuvaneshwar, G.S. *see* Muraleedharan, C.V. 120529
Bhuvaneshwar, G.S. *see* Nagesh, D.S. 110927
Bhuyia, A.R. *see* Choudhury, M.A. 121564
Bi, C. *see* Liu, Z.J. 115792
Bi, G.G. *see* Weng, J.F. 108356
Bi, J.L.Yao *see* Yao Bi, J.L.
Bi, M., Ang, Y.H., Ong, S.H. Region-adaptive DCT for image compression 87060
Bi, W.G., Mei, X.B., Tu, C.W. Growth studies of GaP on Si by gas-source molecular beam epitaxy 103927
Bi, W.G., Tu, C.W. Material optimization for a polarized electron source from strained GaAs:Be grown on an InGaP pseudosubstrate 90119
Bi, W.G., Tu, C.W. N incorporation in InP and band gap bowing of InN_xP_{1-x} 94345
Bi, W.G., Tu, C.W. Gas-source molecular beam epitaxy and characterization of InGaAs/InGaAsP quantum well structures on InP 105163
Bi, W.G., Tu, C.W. Highly strained $In_xGa_{1-x}P$/GaP quantum wells grown on GaP and on an $In_{x/2}Ga_{1-x/2}P$ buffer layer by gas-source molecular beam epitaxy 113339
Bi, W.G. *see* Chen, W.M. 105582
Bi, W.G. *see* Mei, X.B. 83964
Bi, W.G. *see* Niki, S. 92685
Bi, W.G. *see* Zhang, J.P. 85522
Bi, X.F., Tanaka, Y., Sato, K., Arai, K.I., Ishiyama, K., Yamashiro, Y. The relationship of microstructure and magnetic properties in cold-rolled 6.5% Si-Fe alloy 115571
Bi, Y. *see* Sablik, M.J. 115845
Bi Guang-Guo *see* Guang-Guo Bi
Bi Guangguo *see* Guangguo Bi
Bi Jun, Shi Meilin, Wu Jianping UNIX kernel based reference implementation in PCTS 118099
Bi Jun, Wu Jianping, Shi Meilin Research of the design of protocol conformance abstract test suite 98491
Bi Qi Long, Ping Zhang The analysis of a generalized QS-CDMA system over a multipath Rayleigh fading channel 118027
Bi Qincheng *see* Zheng Tianxue 121363
Bi Wengang *see* Wengang Bi
Bi Xinan *see* Fan Weibing 80586
Bi Zhang, Sihua Chen Morphological evolution of diamonds in combustion synthesis 61401
Bi-Ke Yang *see* Krishnamurthy, M. 114676
Bi-Shiou Chiou, Jen-Huang Lee Etching of r.f. magnetron-sputtered indium tin oxide films 74602
Bi-Shiou Chiou *see* Wen-Fa Wu 106753
Biaggio, I., Hellwarth, R.W., Partanen, J.P. Band mobility of photoexcited electrons in $Bi_{12}Si_{20}$ 106747
Biaggio, I. *see* De Montmorillon, L.-A. 96645
Biaggio, I. *see* Knize, R.J. 97961
Biagi, E., Donati, M., Fort, A. Ultrasonic sensor for reconstruction of marble quarries prospecting 111364
Biagi, R. *see* Betti, M.G. 74466
Biagi, S.F. *see* Di Mauro, A. 62558
Biagtan, E., Goldberg, E., Stephens, R., Valeroso, E., Harmon, J. Gamma radiation dose rate effects on a polymer scintillator containing a large Stokes shift dye, 3-hydroxyflavone 100801
Biala, N. Optical sensor for minute displacement measurements 69143
Bialas, W. *see* Dubbs, T. 80026
Bialek, J. Tracing the flow of electricity 102038
Bialek, J., Grey, D.J. Recursively parallel method of solution of power system matrices 101724
Bialek, J. *see* Grey, D.J. 101663
Bialek, J. *see* Kichimi, H. 69718
Bialek, R., Katarzynski, J., Lukaszewicz, D., Smolec, D. Computer-based controller for switching on voltage at a chosen phase angle for dynamic testing of electric apparatus 112058
Bialek, T. *see* Beigl, M. 78566
Bialko, M., Dobrychlop, P., Klosowski, M., Mlynski, D.A. Prototype hybrid expert system for analog filter design 93575
Białko, M., Mlynski, D.A., Wojcikowski, M. Object-oriented database and predicate circuit representation in the CMOS circuit design expert system 95193
Bialkowski, M. *see* Robinson, A. 98735
Bialkowski, M.E., Davis, P.W., Waris, V.P. Computer algorithms for the analysis of waveguide ring hybrids 114210
Bialkowski, M.E., Jellett, S.T., Varnes, R.S. Electronically steered antenna system for the Australian Mobilesat 109402
Bialkowski, M.E. *see* Karmakar, N.C. 117060
Bialkowski, M.E. *see* Varnes, R.S. 117064
Bialokoz, F. *see* Palko, T. 110838
Bialowons, W. *see* Kelly, D.R.C. 100739
Bialy, J. *see* Moser, H.O. 79772
Bialy, L. *see* Messer, H. 97676

Bian, J., Ramey, D.G., Nelson, R.J., Edris, A. A study of equipment sizes and constraints for a unified power flow controller 121054
Bian, J. *see* Nelson, R.J. 70839
Bian, J. *see* Ramsay, S.M. 70877
Bian, J.C. *see* Tokaji, K. 113520
Bian, J.J. *see* Yang, S.M. 106392
Bian, W. *see* Yuan-Liang Wang 64509
Bian, X., Hardner, H.T., Parkin, P. Investigation of magnetic coupling in sputtered epitaxial Fe/Cr and Co/Cu wedged structures 64232
Bian, X. *see* Ming Mao 64359
Bian Jieren *see* Jieren Bian
Bian Jinian, Lu Feng, Wan Bo, Su Ming A model and an algorithm for VHDL high-level and hierarchical simulation with debug function 61544
Bian Jinian *see* Jinian Bian
Bian Kun *see* Kun Bian
Bian Shaoping *see* Shaoping Bian
Bian Yi *see* Yi Bian
Bian Zhaoqi *see* Ni Lin 98196
Bianchi, A. The testing of 16-bit A/D convertors. II 93527
Bianchi, A. *see* Korhonen, I. 110662
Bianchi, A. *see* Korhonen, I. 110663
Bianchi, A., Richeri, G. *(editors)* Telecommunication: new dynamics and driving forces 72046
Bianchi, G. On a sorting rule to improve computational efficiency of connection admission control algorithms for ATM networks 77615
Bianchi, G. Galileo used to live here. Tuscany Hi Tech: the network and its poles 109670
Bianchi, G., Capone, A., Fratta, L., Musumeci, L. Packet data service over GSM networks with dynamic stealing of voice channels 78515
Bianchi, G., Melen, R. Performance and dimensioning of a hierarchical video storage network for interactive video services 88866
Bianchi, G., Melen, R., Rainoni, A. Performance of video storage hierarchy in interactive video services networks 79183
Bianchi, G., Pattavina, A. Architecture and performance of non-blocking ATM switches with shared internal queueing 67778
Bianchi, G., Trecordi, V., Zangani, M. Approximate analytical models for regular deflection networks with buffered nodes and general routing strategy 77794
Bianchi, G. *see* Borgonovo, F. 68077
Bianchi, M., d'Ambrosio, G., Massa, R., Migliore, M.D. Microwave devices for ice detection on aircraft 90697
Bianchi, M., Schaible, S. Generalized monotone bifunctions and equilibrium problems 82455
Bianchi, M. *see* England, P. 68851
Bianchi, N., Bolognani, S., Zigliotto, M. Fuzzy logic automatic design of induction machines 91536
Bianchi, N., Bolognani, S., Zigliotto, M. Analysis of PM synchronous motor drive failures during flux weakening operation 121969
Bianchi, N. *see* Avakian, H. 110594
Bianchi, S. *see* Lamberti, C. 84076
Bianchi-Bonaiti, V. *see* Autiero, D. 80006
Bianchini, G. *see* Angrilli, F. 70320
Bianchini, L. *see* Alaruri, S.D. 119931
Bianco, A., Montesperelli, G., Gusmano, G., Morten, B., De Cicco, C., Masoero, A., Tombesi, P., Prudenziati, M. Preparation and properties of new thick-film magnetoresistive materials 84849
Bianco, A. *see* Ajmone Marsan, M. 87464
Bianco, A. *see* Almeida, J. 94572
Bianco, A. *see* Marsan, M.A. 78907
Bianco, A. *see* Marsan, M.A. 98640
Bianco, B., Tommasi, T., Oneto, A., Murino, V., Diaspro, A. A frequency-domain analysis of 3D reconstruction techniques based on defocusing 86617
Bianco, C. *see* Alonso, J.M. 122078
Bianco, S. *see* Agnello, M. 110583
Bianconi, M. *see* Albertazzi, E. 94696
Bianconi, M. *see* Priolo, F. 94710
Bianic, S. *see* Wallon, J. 96308
Biao Guo Chun *see* Guo Chun Biao
Biao Li, Chu, J.H., Zhu, J.Q., Chen, X.Q., Cao, J.Y., Tang, D.Y. Morphology investigation of $Hg_{1-x}Cd_xTe$ liquid phase epitaxial films 82654
Biao Li *see* Li Biao
Biao-Sheng Chang The operation of Taipower's electric power system 101684
Biao-Sheng Chang *see* Chin-E Lin 121387
Biasca, R. *see* Ginet, G.P. 70317
Biase, V.C.Di *see* Di Biase, V.C.
Biasia, S.De *see* De Biasia, S.
Biasiol, G. *see* Dwir, B. 74449
Biasiol, G. *see* Kapon, E. 63083
Biassizo, A. *see* Mohamed, F. 106147
Biazotto, A., Jr. *see* Rego, A.C.B. 99540
Bibber, K.van *see* van Bibber, K.
Bibeau, C., Trenholme, J.B., Payne, S.A. Pulse length and terminal-level lifetime dependence of energy extraction for neodymium-doped phosphate amplifier glass 96173
Bibeau, C. *see* Chow, R. 107475
Biber, A. *see* Kuratli, C. 61627
Biber, A. *see* Kuratli, C. 73575
Biber, C., Morf, T., Benedickter, H., Lott, U., Bachtold, W. Microwave frequency measurements and modeling of MOSFETs on low resistivity silicon substrates 114287
Biberger, M. *see* Carn, M. 63436
Biberger, M. *see* Gagnon, G. 84142
Biberger, M. *see* Ouellet, L. 63434
Bibet, P. *see* Wegrowe, J.-G. 76559
Bibey, M.B., Bourzgui, N., De Cremoux, B., Carru, J.C., Krakowski, M., Richin, P., Tabourier, P., Blondeau, R. Low temperature behaviour of laser diodes 96296
Bibi, M.O. Support method for solving a linear-quadratic problem with polyhedral constraints on control 60904
Bibic, N. *see* Stojanovic, M. 114799
Biblemont, S. *see* Achouche, M. 84488
Biblemont, S. *see* Palla, R. 106075
Bibra, M.L.Von *see* Von Bibra, M.L.
Bic, J.-C. *see* Wiart, J. 85877
Bica, D., Beker, B. Analysis of microstrip discontinuities using the spatial network method with absorbing boundary conditions 97223
Bicci, A. *see* Bettini, G. 109728
Bice, S.D., Dever, G., Mukaida, L., Norton, S., Samisone, J. Telemedicine and telehealth in the Pacific islands region: a survey of applications, experiments, and issues 87574
Bicelli, L.P. *see* Kozlov, V.M. 113304
Bichebois, P., Perret, P., Martin, H., Brun, A., Burlet, D. Review and characterization of defects after automatic optical inspection on patterned wafers 112985
Bichebois, P. *see* Martin, H. 114991
Bichels, A. *see* Ushikubo, M.F. 111711
Bichsel, M. Automatic interpolation and recognition of face images by morphing 117888
Bichutskaya, T.I., Makarov, G.I. Effect of large-scale boundary irregularity on the ELF waveguide field 65835
Bickel, D. *see* Burkhart, G.R. 120900
Bickert, P. *see* Jitschin, W. 94157
Bickerton, J.C. *see* Clough, S. 74300
Bickford, C., Teo, M.S., Wallace, G., Stankovic, J.A., Ramamritham, K. A robotic assembly application on the Spring real-time system 83606
Bickford, J.P. *see* Gupta, N.K. 103102
Bickley, M., White, K. The integration of two control systems 89933
Bickley, M.H. *see* Hodson, R.F. 90211
Bickley, M.H. *see* Hodson, R.F. 100942
Bicknell, R.N. *see* Parikh, A. 72792
Bicknell-Tassius, R. *see* Cacter-Coman, C. 82602
Bicknell-Tassius, R. *see* Carter-Coman, C. 82677
Bicknell-Tassius, R. *see* Carter-Coman, C. 103962
Bicknell-Tassius, R. *see* Tran, T.K. 74408
Bicknell-Tassius, R.N. *see* Summers, C.J. 74445
Bicry, G. *see* Sullivan, T.D. 63468
Bidadi, H., Kalafi, M., Tajalli, H., Bairmov, A.I., Dzhafarov, T.D. Diffusion and interaction of Group I impurities with vacancies in CdS thin films 114609
Bidadi, H. *see* Kalafi, M. 115985
Biddlecombe, C.S., Parker, C.F., Sykulski, J.K., Taylor, S.C. The Design Environment for electromagnetics 93974
Biddlecombe, C.S. *see* Parker, C.F. 71251
Bideep, G.E. *see* Reichmann, K.C. 78791
Bidet, E., Castelain, D., Joanblanq, C., Senn, P. A fast 8K FFT chip for large COFDM single frequency networks 68865
Bideux, L., Robert, C., Gruzza, B., Matolin, V., Benamara, Z. Study of Al_2O_3 condensation on Si(100) and InP(100) substrates 82736
Bidgood, W.D. *see* Horil, S.C. 101213
Biding, T. *see* Green, P. 99319
Bidini, G., Desideri, U., Sabbatini, F. Study of the steam turbine trip in a 20 MW geothermal plant 91375
Bidiville, M. *see* Arreguit, X. 79543
Bidnyk, S. *see* Wong, W.S. 103879
Bidstrup-Allen, S.A. *see* Shick, R.A. 62536
Bidwell, A. RSA public key cipher, public key certificates, and e-mail privacy protocols 76724
Bidwell, S.W. *see* Rincon, R.F. 111188
Biebelmann, E., Koppen, M., Nickolay, B. Practical applications of neural networks in texture analysis 117670
Bieber, A.E., Brown, T.G., Tiberio, R.C. Coupling and switching in optically resonant periodic electrode structures 95748
Biebl, E.M. *see* Pfeifer, T. 83344
Biebl, E.M. *see* Singer, M. 83458
Biebl, E.M. *see* Singer, M. 93874
Biebl, M. *see* Scheiter, T. 63221
Biedenbach, G. *see* Schmidt, J.T. 121188
Biedenbender, M. *see* Aust, M.V. 83435
Biedenbender, M. *see* Hwang, Y. 83449
Biedenbender, M. *see* Hwang, Y. 83472
Biedenbender, M. *see* Lai, R. 104878
Biedenbender, M. *see* Lester, J.A. 83450
Biedenbender, M. *see* Lester, J.A. 83473
Biedenbender, M.D. *see* Dow, G.S. 89157
Bieder, H.-E. Normal conducting and superconducting magnets for accelerator plants and fusion experiments 69630
Biederman, W.H. *see* Grieco, D.M. 118844
Biefeld, R.M., Chui, H.C., Hammons, B.E., Breiland, W.G., Brennan, T.M., Jones, E.D., Kim, M.H., Grodzinski, P., Chang, K.H., Lee, H.C. High purity GaAs and AlGaAs grown using tertiarybutylarsine, trimethylaluminum, and trimethylgallium 82650
Biefeld, R.M. *see* Allerman, A.A. 85502
Biegacki, S., VanGompel, D. The application of DeviceNet in process control 109077
Bieger, W. *see* Cosler, A. 110006
Bieger, W. *see* Werner, J. 113282
Biegl, C. *see* Ledeczi, A. 97746
Biehlig, W. *see* Hamilton, C.J. 65456
Biehlig, W. *see* Hamilton, C.J. 96711
Biel, D., Martinez, L., Tenor, J., Jammes, B., Marpinard, J.C. Optimum dynamic performance of a buck converter 121660
Bielawski, M. *see* Dubowski, J.J. 107657
Bielawski, S.S., Mulyarchik, S.G., Popov, A.V. The construction of an algebraically reduced system for the acceleration of preconditioned conjugate gradients 72581
Bielecki, Z. Analysis of influence of operation conditions of avalanche photodiode on a signal to noise ratio 95999
Bielle-Daspet, D. *see* Boukezzata, M. 105661
Bielle-Daspet, D. *see* Boukezzata, M. 114984
Bielski, S., Huber, H. A high-accuracy revolution counter and position indicator 110372
Biemond, J. *see* De Ridder, A.C. 86573
Biemond, J. *see* Frimout, E.D. 68920
Biemond, J. *see* van der Meer, P.J. 86911
Biemond, J. *see* Westen, S.J.P. 108536
Bien, Y.K., Perry, R.J., Arora, K. A review of logic synthesis techniques for beginning VHDL designers 104434
Bien Zeungnam *see* Zeungnam Bien
Bienfang, J.C. *see* Gauthier, D.J. 93178
Bienias, M. *see* Ahbe, T. 79703
Bieniosek, F.M., Anderson, K., Fullett, K. Requirements for a beam sweeping system for the Fermilab antiproton source target 100726
Bieniosek, F.M., Fullett, K. Measurement and reduction of quadrupole injection oscillations in the Fermilab Antiproton Accumulator 100727
Bieno, D. Co-solvent cleaning to meet the environmental challenges of tomorrow's computer designs 94067
Bienstman, J., Tilmans, H.A.C., Peeters, E.J.E.A., Steyaert, M., Puers, R. An oscillator circuit for electrostatically driven silicon-based one-port resonators 88981
Bienstock, D., Gunluk, O. Capacitated network design. Polyhedral structure and computation 113629
Bienz, T. *see* Abe, K. 69708
Bienz, T. *see* Abe, K. 69726
Bier, F.F., Ehrentreich-Forster, E., Scheller, F.W., Makower, A., Eremenko, A., Wollenberger, U., Bauer, C.G., Pfeiffer, D., Michael, N. Ultrasensitive biosensors 120271
Bier, J., Kellerhoff, C. Selection of digital signal processors (DSPs) 104589
Bier, J. *see* Lapsley, P. 93461
Bier, S. *see* Jonsson, B. 87543
Bier, V.M. *see* Naceur Azaiez, M. 82345
Bier, W. *see* Kohler, U. 64864
Bier, W. *see* Kohler, U. 84636
Bier, W. *see* Kohler, U. 101268
Bierbrauer, J., Black, S., Edel, Y. Some t-homogeneous sets of permutations 117208
Bierbrauer, J., Gopalakrishnan, K., Stinson, D.R. Orthogonal arrays, resilient functions, error-correcting codes, and linear programming bounds 108157
Bierhenke, H., Spitzer, A., Steinkopf, U. CAD: the indispensable component 113691
Bieringer, F. *see* Papp, A. 60585
Bieringer, F. *see* Papp, A. 113043
Bierl, L. The Texas Instruments ultra-low-power microcomputers: MSP 430 xx 73444
Biermann, E., Berger, H.H., Linke, P., Muller, B. Oxide growth enhancement on highly n-type doped silicon under steam oxidation 63285
Biernacki, P.D. *see* Kuang Yi Chen 97293
Biernacki, R.M. *see* Bandler, J.W. 82490
Biernacki, R.M. *see* Bandler, J.W. 93710
Biernacki, R.M. *see* Bandler, J.W. 93766
Biersack, E., Geyer, W., Bernhardt, C. Intra- and inter-stream synchronisation for stored multimedia streams 98868
Biersack, E., Nonnenmacher, J. WAVE: A new multicast routing algorithm for static and dynamic multicast groups 118614
Biersack, E., Thiesse, F. Statistical admission control in video servers with variable bit rate streams and constant time length retrieval 119494
Biersack, E., Thiesse, F., Bernhardt, C. Constant data length retrieval for video servers with variable bit rate streams 99786
Biersack, E. *see* Dengler, J. 78211
Biersack, E. *see* Geyer, W. 78183
Biersack, E.W., Rutsche, E. Demultiplexing on the ATM adapter: experiments with Internet protocols in user space 98374
Biery, G.A. *see* Filippi, R.G. 115008
Biese, G., Schuller, C., Kurth, T., Heitmann, D., Grambow, P., Eberl, K. Combined 1D-2D intersubband excitations and 1D single-particle spectrum in narrow quantum wires 105425
Biesen, L.P.Van *see* Van Biesen, L.P.
Biesen, L.van *see* van Biesen, L.
Bieser, F. *see* Beuville, E. 100968
Bieser, F. *see* Klein, S.R. 90223
Bieser, F. *see* Klein, S.R. 100976
Bieth, C. *see* Baptist, R. 74053
Bieth, C. *see* Baptist, R. 89558

Bietti, I. *see* Crippa, C. 109505
Biewald, H., Brakelmann, H. Cable stressability in the unventilated tunnel 81088
Biewendt, V., Ebbinghaus, W., Wiegand, R. Future-oriented concepts for substation protection and control 71598
Biey, M., Bonani, F., Gilli, M., Maio, I. Influence of the parasitics on the time delayed Chua's circuit 113711
Bifano, T. *see* Krishnamoorthy, R. 74975
Bifano, T.G. *see* Drueding, T.W. 85232
Biffi Gentili, G. *see* Avitabile, G. 93900
Bigan, E. *see* Razeghi, M. 69173
Bigand, A. *see* Bouwmans, T. 108458
Bigec, M. *see* Novak, B. 110640
Bigelow, N.P. *see* Hemmer, P.R. 107041
Bigelow, T.S. *see* Swain, D.W. 76576
Bigenwald, P. *see* Cloitre, T. 72773
Bigenwald, P. *see* Konczewicz, L. 74174
Bigeon, J. *see* Wurtz, F. 64479
Bigeon, J. *see* Wurtz, F. 102716
Biggeri, U., Borchi, E., Bruzzi, M., Lazanu, S., Li, Z. Self annealing effect on neutron irradiated silicon detectors by Hall effect analysis 90126
Biggeri, U., Borchi, E., Bruzzi, M., Lazanu, S., Li, Z. Self annealing effect on neutron irradiated silicon detectors by Hall effect analysis 100898
Biggs, D.S., Thomson, E.S. Radiation properties of a miniature X-ray device for radiosurgery 80454
Biggs, J. *see* Gorski, A. 89792
Biggs, P.J. *see* Mauceri, T. 80448
Bigi, M. *see* Alvsvaag, S.J. 90124
Bigl, F. *see* Gottschalch, V. 61166
Bigl, F. *see* Zeuner, M. 100787
Bigler, E. *see* Ballandras, S. 106446
Bigler, E. *see* El Habti, A. 84755
Bigler, E. *see* El Habti, A. 106410
Bigler, E. *see* Gavignet, E. 84757
Bigler, E. *see* Palmier, D. 106320
Biglieri, E. Permutation decoding of group codes 66403
Biglieri, E., Caire, G., Hakegaard, J.E., Taricco, G., Ventura-Traveset, J. System capacity enhancement by using multi-user processing techniques in narrowband satellite mobile communications 88171
Biglieri, E., Sandri, A., Spalvieri, A. Computing upper bounds to error probability of coded modulation schemes 86037
Biglieri, E. *see* Agabio, P. 97572
Biglieri, E. *see* Bartucca, F. 68148
Biglieri, E. *see* Caire, G. 66475
Biglieri, E. *see* Caire, G. 76700
Biglieri, E. *see* Caire, G. 76713
Biglieri, E. *see* Gomez del Moral, J.B. 88130
Biglieri, E. *see* Ventura-Traveset, J. 66328
Biglieri, E. *see* Ventura-Traveset, J. 88218
Biglieri, E. *see* Viterbo, E. 66628
Bigloo, A.M.Y., Gulliver, T.A., Bhargava, V.K. Slotted DS/SSMA ALOHA with packet combining in a Rayleigh fading channel 118982
Bignall, R.J., Spinks, M. Propositional skew Boolean logic 73310
Bignone, F., Henricsson, O., Fua, P., Stricker, M. Automatic extraction of generic house roofs from high resolution aerial imagery 67227
Bigo, S., Audouin, O., Desurvire, E. Analysis of in-line soliton control through two-wavelength nonlinear loop mirror amplitude/phase modulator 85668
Bigo, S., Desurvire, E., Audouin, O. Dual-control nonlinear-optical loop mirrors for all-optical soliton synchronous modulation 116634
Bigo, S. *see* Brun-Maunand, E. 65457
Bigongiari, A., Brigati, S., Caiulo, G., Franchi, G., Maloberti, F. An 8-Channel 250 MHz BiCMOS discriminator for medical imaging 73170
Bigongiari, A., Brigati, S., Caiulo, G., Franchi, G., Maloberti, F. High speed and high performance signal processing for nuclear electronics 100911
Bigot, J.-Y. *see* Mycek, M.-A. 76268
Bigue, L., Fraces, M., Ambs, P. Synthetic discriminant estimating filter using complex constraints 77191
Bih-Hwang Lee, Sheng-Wang Yu, Jin-Ji Shyu The structure design on IWU and VPN in FR/ATM interworking 109033
Biha, M.D., Mahjoub, A.R. K-edge connected polyhedra on series-parallel graphs 113112
Bihaiy Li *see* Li Bihaiy
Biham, E. *see* Anderson, R. 66507
Biham, E. *see* Anderson, R. 66509
Bihan, J.Le *see* Le Bihan, J.
Bihan, R.Le *see* Le Bihan, R.
Bihlmann, G. *see* Ehret, S. 94518
Bihlmann, G. *see* Schneider, H. 89061
Bihua Zhou *see* Zhou Bihua
Biing-Der Liu, Si-Chen Lee, Tai-Ping Sun An InSb integrated photo-MOSFET fabricated by photo-enhanced chemical vapour deposition 119676
Biing-Hwang Juang *see* Pitton, J.W. 108191
Bijak, M. *see* Thoma, H. 120534
Bijaoui, A. *see* Murtagh, F. 77080
Bijaoui, A. *see* Starck, J.-L. 77083
Bijker, M.D. *see* Immink, A.H.J. 106537
Bijl, D.B. *see* Samwel, E.O. 106541
Bijlsma, S. *see* Klootwijk, J.H. 106301
Bijlsma, S.J., van Kranenburg, H., Nieuwesteeg, K.J.B.M., Pitt, M.G., Verweij, J.F. Statistical breakdown measurement technique for monitoring diode-switch reliability in active matrix LCD production 89353
Bijlsma, S.J., van Kranenburg, H., Nieuwesteeg, K.J.B.M., Pitt, M.G., Verweij, J.F. Electrical breakdown of amorphous hydrogenated silicon rich silicon nitride thin film diodes 105518
Bijnen, F.G.C., Reuss, J., Harren, F.J.M. Geometrical optimization of a longitudinal resonant photoacoustic cell for sensitive and fast trace gas detection 100169
Bijnens, N. *see* Van Duppen, P. 69686
Bikadorov, A. Identification of current load graphs by using the connection function 112536
Bikai Luo *see* Luo Bikai
Bikit, I. *see* Krmar, M. 80445
Bikmatov, R.G., Charikov, A.V., Chernyak, V.M., Kuznetsov, V.G., Pergament, M.I., Smirnov, R.V., Sokolov, V.I., Trenholme, J.B. Measurements of spontaneous emission redistribution in phosphate glass 96160
Bikmatov, R.R., Grishin, M.P., Kurbanov, Sh.M., Markelov, V.P., Svyatoslavskaya, T.A., Svyatoslavsky, N.L. A multichannel precision photometric system for photoimage input into a computer 79245
Bilal, M.S. *see* Islam, M.U. 83864
Bilas, V. Electrolytic conductivity measurement by metal electrodes 69435
Bilbro, G. *see* Banerjia, S. 60656
Bilbro, G.L., Hall, L.C., Clements, M., Wentai Liu Simulation of real time image processing: MFA in VLSI 110760
Bildstein, P. *see* Vancauwenberghe, O. 88992
Bilei, G.-M. *see* Wheadon, R. 100837
Bilek, M.M.M., Milne, W.I. Electronic properties of filtered cathodic vacuum arc (FCVA) deposited silicon thin films 113441
Bilenko, V.A. *see* Lysko, V.V. 121265
Bilenky, S.M., Giunti, C. Possible tests for sterile neutrinos 80106
Biles, J. Holographic color filters for LCDs 85140
Bilgen, M., Insana, M.F. Deformation models and correlation analysis in elastography 70053
Bilger, G. *see* Maier, C.U. 112174
Bilger, G. *see* Oberacker, T.A. 116243
Bilger, G. *see* Wanka, H.N. 63379
Bilger, G. *see* Zweigart, S. 92937
Bilger, H.R. *see* Neutze, R.J. 107423
Bilger, R. *see* Calen, H. 120194
Bilgic, M. A PCS terminal architecture to access multiple networks 109555
Bilgic, T. The Archimedean assumption in fuzzy set theory 92451
Bilgutay, N.M. *see* Qi Tian 104210
Bilida, W.D., Strohschein, J.D., Seguin, H.J.J., Capjack, C.E. Multi-channel slab CO_2 laser excitation with resonant cavities 116297
Bilik, V., Bezek, J. Vector reflectometer system for industrial applications 69471
Bilinski, K., Mirkowski, J., Dagless, E.L. Synchronous parallel controller synthesis from behavioural multiple-process VHDL description 113830
Biliris, A. *see* Panagos, E. 77935
Bilitewski, U. *see* Rohm, I. 69333
Biliya, R. *see* Pande, D.C. 76479
Bill, C. *see* Venkatesh, B. 73350
Billa, J. *see* Coit, D.W. 73865
Billam, E. The computation of the cumulative probability of detection in radar 68592
Billan, J., De Panfilis, S., Giloteaux, D., Pagano, O. Ambient temperature field measuring system for LHC superconducting dipoles 100647
Billard, M. *see* Bruno, A. 96044
Billard, M. *see* Delorme, F. 109313
Billard, M. *see* Demange, D. 88607
Billard, M. *see* Legros, E. 99562
Billardon, M. *see* Couprie, M.E. 107397
Billardon, M. *see* Garzella, D. 96463
Billardon, M. *see* Hara, T. 76048
Billardon, M. *see* Hara, T. 96477
Billat, S. *see* Thonissen, M. 105652
Billat, S.H. Out of the spotlight: trends in mainstream lithography 84275
Billault, M. *see* Abbes, M. 90145
Billen, J.H., Nath, S., Stovall, J.E., Takeda, H., Wood, R.L., Young, L.M. A versatile, high-power proton linac for accelerator driven transmutation technologies 89725
Billen, J.H. *see* Krawczyk, F.L. 89949
Billen, J.H. *see* Takeda, H. 89726
Billes, L. *see* Sigogne, D. 88601
Billett, E. *see* Harrison, D. 62494
Billhartz, T., Cain, J.B., Farrey-Goudreau, E., Fieg, D., Batsell, S. Performance and resource cost comparisons for the CBT and PIM multicast routing protocols in DIS environments 87435
Billing, M., Greenwald, Z., Hartung, W., Lou, W.R., Pisharody, M., Rogers, J., Sagan, D., Sikora, J. Measurements of vacuum chamber impedance effects on the stored beam at CESR 90005
Billing, M. *see* Hartung, W. 90028
Billing, M. *see* Lou, W. 89822
Billing, M. *see* Padamsee, H. 100471
Billing, M.G. *see* Rogers, J.T. 100525
Billings, R.L. *see* Lyons, A.M. 83561
Billingsley, J. *see* Harrison, D. 62494
Billington, D.J. *see* Brown, M. 102316
Billington, J. *see* Floreani, D.J. 109348
Billington, J. *see* Tokmakoff, A. 118432
Billington, J. *see* Tokmakoff, A. 118440
Billinton, A. *see* Sankarakrishnan, A. 101924
Billinton, R., Aboreshaid, S. A basic framework for composite power system security evaluation 80904
Billinton, R., Adzanu, S. Composite system reliability concepts in the evaluation of nonutility generation 80783
Billinton, R., Fotuhi-Firuzabad, M. A probabilistic technique for operating reserve assessment using system operating states 80905
Billinton, R., Hua Chen, Ghajar, R. Time-series models for reliability evaluation of power systems including wind energy 102531
Billinton, R., Jonnavithula, S. Optimal switching device placement in radial distribution systems 91156
Billinton, R., Lakhanpal, D. Impacts of demand-side management on reliability cost/reliability worth analysis 70745
Billinton, R., Pandey, M., Aboreshaid, S., Fotuhi-Firuzabad, M. Application of reliability concepts to the Nepal Power System 70806
Billinton, R., Peng Wang A generalized method for distribution system reliability evaluation 81054
Billinton, R., Sankarakrishnan, A. A comparison of Monte Carlo simulation techniques for composite power system reliability assessment 80785
Billinton, R., Sankarakrishnan, A., Adzanu, S., Satish, J. Adequacy assessment and worth evaluation and its application to NUG planning in composite generation and transmission systems 70767
Billinton, R., Satish, J. Reliability cost/reliability worth assessment of station configurations 80971
Billinton, R., Zhang, W. An adequacy equivalent approach for composite power system reliability evaluation 80784
Billinton, R., Zhang, W. Enhanced adequacy equivalent for composite power system reliability evaluation 121034
Billinton, R. *see* Faried, S.O. 121435
Billinton, R. *see* Fotuhi-Firuzabad, M. 101807
Billinton, R. *see* Gates, J. 80901
Billinton, R. *see* Ghajar, R. 80926
Billinton, R. *see* Ghajar, R. 101922
Billinton, R. *see* Weber, E. 102001
Billon, T. *see* Bano, E. 105512
Billon, T. *see* Bano, E. 105513
Billon, T. *see* Baud, L. 105476
Billon, T. *see* Camassel, J. 104051
Billonnet, L., Brucher, A., Cenac, C., Delmond, M., Meunier, Ph., Jarry, B., Guillon, P., Sussman-Fort, S.E. Monolithic design concepts for novel microwave planar active filters 62306
Billonnet, L. *see* Delmond, M. 83499
Billonnet, L. *see* Delmond, M. 114063
Billonnet, L. *see* Sussman-Fort, S.E. 62302
Billot, M., Issarny, V., Puaut, I., Banatre, M. Ensuring high availability of distributed multimedia applications 98871
Bills, B. *see* Shirron, P.J. 111156
Billups, S.C., Ferris, M.C. Convergence of an infeasible interior-point algorithm from arbitrary positive starting points 92591
Billus, G., Mehta, A. Debug of the UltraSPARC-I microprocessor 61940
Billus, G., Youngs, L. Test of UltraSPARC-I embedded RAMs, register files and TLBs 61933
Billus, G. *see* Youngs, L. 61931
Bilodeau, F., Hill, K.O., Theriault, S., Malo, B., Albert, J., Johnson, D.C. Broadband wavelength-selective tap using an all-fiber Mach-Zehnder interferometer and chirped photo-induced Bragg gratings 78774
Bilodeau, F. *see* Albert, J. 106798
Bilodeau, F. *see* Ohn, M.M. 116027
Bilodeau, F. *see* Temmyo, J. 119443
Bilodeau, F. *see* Theriault, S. 64662
Bilodeau, S.M. *see* Van Buskirk, P.C. 72869
Bilon-Pierron, D. *see* Karpov, A. 62297
Bilski, P., Budzanowski, M., Olko, P., Christensen, P. Properties of different thin-layer LiF:Mg,Cu,P TL detectors for beta dosimetry 110982
Bilski, P. *see* Budzanowski, M. 110993
Biltcliffe, M. *see* Acerbi, E. 95534
Bilyalov, R.R. *see* Abdurakhmanov, B.M. 81891
Bilyalov, R.R. *see* Abdurakhmanov, B.M. 81892
Bilyalov, R.R. *see* Saidov, M.S. 121886
Biman, A., Nairn, D.G. Trimming of current mode DACs by adjusting V_t 104637
Bimbaum, M. *see* Yen-Kuang Kuo 65403
Bimberg, D. *see* Bottcher, E.H. 83300
Bimberg, D. *see* Bottcher, E.H. 100037
Bimberg, D. *see* Christen, J. 62925
Bimberg, D. *see* Dadgar, A. 92784
Bimberg, D. *see* Egorov, A.Yu. 114763
Bimberg, D. *see* Grundmann, M. 105374
Bimberg, D. *see* Guryanov, G.M. 82626
Bimberg, D. *see* Guryanov, G.M. 83938
Bimberg, D. *see* Heinrichsdorff, F. 72756
Bimberg, D. *see* Huhse, D. 116466
Bimberg, D. *see* Kappelt, M. 72806
Bimberg, D. *see* Kappelt, M. 105342
Bimberg, D. *see* Kirstaedter, N. 65202
Bimberg, D. *see* Kirstaedter, N. 96397
Bimberg, D. *see* Kollakowski, S. 89097
Bimberg, D. *see* Kollakowski, S. 100047
Bimberg, D. *see* Kop'ev, P.S. 107351
Bimberg, D. *see* Kurtz, E. 74207
Bimberg, D. *see* Kuttler, M. 74375
Bimberg, D. *see* Ledentsov, N.N. 62870

Bimberg, D. *see* Ledentsov, N.N. 63081
Bimberg, D. *see* Ledentsov, N.N. 96412
Bimberg, D. *see* Schell, M. 85534
Bimberg, D. *see* Schmidt, O.G. 85517
Bimberg, D. *see* Schmidt, O.G. 107275
Bimberg, D. *see* Strittmatter, A. 75731
Bimbo, A.del *see* del Bimbo, A.
Bimebrg, D. *see* Ledentsov, N.N. 92737
Bimurzaev, S.B., Temirbekov, K.N., Yakushev, E.M. Time-of-flight focusing in a three-electrode transaxial lens structure to second-order inclusively 107795
Bin, G. *see* Uchihori, Y. 91943
Bin, L., Ho, P. Data-aided phase tracking detection of Doppler shifted MPSK 86035
Bin, P.Di *see* Di Bin, P.
Bin Chen *see* Chen Bin
Bin Chung Hai *see* Hai Bin Chung
Bin Dou Wen *see* Wen Bin Dou
Bin Fang *see* Fang Bin
Bin Feng *see* Feng Bin
Bin He *see* Yi Luo 107343
Bin Jeon Hong *see* Hong Bin Jeon
Bin Lan *see* Lan Bin
Bin Lee Jae *see* Jae Bin Lee
Bin Li *see* Li Bin
Bin Lim Kah *see* Kah Bin Lim
Bin Lin *see* Lin Bin
Bin Liu *see* Deng-Guo Feng 66431
Bin Liu *see* Yuan Xing Lee 115819
Bin Liu *see* Liu Bin
Bin Lu *see* Lu Bin
Bin Mei *see* Mei Bin
bin Mohd. Ramli Abd.Aziz *see* Abd. Aziz bin Mohd. Ramli
Bin Qin *see* Qin Bin
Bin Qiu *see* Im, P. 86804
Bin Tian, Azimi-Sadjadi, M.R., Shaikh, M.A., Vonder-Haar, T. An FFT-based algorithm for computation of Gabor transform with its application to cloud detection/classification 120787
Bin Tian *see* Azimi-Sadjadi, M.R. 120786
Bin Wang *see* Chao-Ju Hou 87465
Bin Wu *see* Arkwright, J.W. 88540
Bin Wu *see* Rizzo, S.C. 121622
Bin Wu *see* Wu Bin
Bin Yang *see* Kavcic, A. 76987
Bin Yang *see* Kechu Yi 76886
Bin Yu, Jain, A.K. A robust and fast skew detection algorithm for generic documents 117598
Bin Yuan *see* Yuan Bin
Bin Zhang *see* Baida Lu 116927
Bin Zhou *see* Zhou Bin
Bin-Da Liu *see* Chuen-Yau Chen 115200
Bin-Da Liu *see* Chun-Yueh Huang 73199
Bin-Kwie Chen, Chen-Chuan Hong Optimum operation for a back-pressure cogeneration system under time-of-use rates 71144
Bin-Kwie Chen *see* Ching-Yin Lee 121473
Bin-Kwie Chen *see* Jen-Jyh Hwang 71116
Bin-Kwie Chen *see* Wen-Chen Chu 70822
Bin-Ou Zhu *see* Ansari, N. 66612
Binari, C. *see* Kaplan, R. 72753
Binari, S.C. *see* Valsaraj, N. 63610
Binato, S., Oliveira, G.C. A heuristic procedure to cope with multi-year transmission expansion planning 102013
Bindal, C. *see* Erdemir, A. 92845
Bindal, V.N., Jain, S.K., Gupta, R., Chandra, S. Performance characteristics of ultrasonic NDT probes at high hydrostatic pressure for inspection of offshore installations 101617
Bindas, J.A. *see* Schulman, M.B. 71590
Binde, S., Nitsch, B., Schneider, T. Application of fast RLS algorithms for real-time acoustic echo compensation 66841
Binder, A. Measures to cope with AC motor insulation stress due to IGBT-inverter supply 122008
Binder, C. *see* Miri, A.M. 112156
Binder, J.L., Spencer, B.W. Investigations into the physical phenomena and mechanisms that effect direct containment heating loads 121300
Binder, M., Edelmann, T., Metzger, T.H., Mauckner, G., Goerigk, G., Peisl, J. Bimodal size distribution in p^- porous silicon studied by small angle X-ray scattering 94257
Binder, R. *see* Burak, D. 96336
Binder, R. *see* Burak, D. 116583
Binder, R. *see* Mohs, G. 76270
Binder, R. *see* Mohs, G. 94525
Bindi, T.D., Bingham, J.A., Black, S.L., Vogel, M.L. RF testing with in-circuit ATE 68983
Bindiganavale, R. *see* Badler, N.I. 80164
Bindley, U. *see* Xin, S.H. 82699
Bindon, F.J.L. Essential and emergency power systems 81284
Bindon, F.J.L. Major outages at nuclear power stations. Outage strategy and its implementation 111741
Bindra, G.S. *see* Seyedan, B. 111811
Bindra, R., Claxton, B., Dowdell, J., Letchford, A., Perera, V., Quinton, S., Filippini, N., Gennari, E., Petrolo, E., Veneziano, S., Ellis, N. The RD27 muon trigger co-incidence array demonstrator ASIC 100949
Bindra, R., Claxton, B., Dowdell, J., Letchford, A., Perera, V., Quinton, S., Filippini, N., Genneri, E., Petrolo, E., Veneziano, S., Ellis, N. The RD27 muon trigger co-incidence array demonstrator ASIC 90209
Bindslev, H. A quantitative study of scattering from electromagnetic fluctuations in plasmas 76428
Bindslev Hansen, J. *see* Taboryski, R. 94564
Biner, S.B. *see* Ramesh, A. 64305
Biner, S.B. *see* Ramesh, A. 115576
Binesti, D. *see* Appino, C. 64211
Binet, A. *see* Guimbal, P. 96547
Binet, F., Duboz, J.Y., Rosencher, E., Scholz, F., Harle, V. Mechanisms of recombination in GaN photodetectors 100030
Binford, T.O. *see* Mann, W.B. 77148
Binford, T.O. *see* Sheng-Jyh Wang 77175
Bing Fu Zhu *see* Moreshead, W. 95917
Bing Kang Sing *see* Sing Bing Kang
Bing Li *see* Jiachun Deng 85684
Bing Liang *see* Liang Bing
Bing Liu *see* Ming-Po Chen 92612
Bing Lu *see* Lu Bing
Bing Shan *see* Shan Bing
Bing Song *see* Song Bing
Bing Wu Siang *see* Siang Bing Wu
Bing Xiang *see* Xiang Bing
Bing Xiao *see* Xiao Bing
Bing Xu, Ning Lei, Jian-Guang Wu, Zheng-Quan Zhang, Zhi-Zhan Xu Lasing characteristics of tellurite neodymium-doped glass laser 96217
Bing Xu *see* Ning Lei 75891
Bing Yang *see* Yang Bing
Bing Yue *see* Yue Bing
Bing Zhang *see* Zhang Bing
Bing Zhang Jing *see* Zhang Jing Bing
Bing Zheng *see* Nan-Jin Feng 117839
Bing Zhou, Xin Li, Tansley, T.L., Butcher, K.S.A. Microwave plasma assisted LCVD growth and characterization of GaN 104157
Bing-Fei Wu, Hung-Hseng Hsu An innovation approach to optimize a Kalman filter with an H_∞ error bound by secant method 86207
Bing-Jing Li, Pao-Lo Liu Numerical analysis of the whispering gallery modes by the finite-difference time-domain method 107188
Bing-Lin Gu *see* Xin-Rong Wang 103832
Bing-Yue Tsui, Shunn-Her Liu, Geeng-Lih Lin, Jau-Hwang Ho, Chia-Haur Chang A comprehensive study on radiation damage in plasma system 105665
Bing-Zhang Xu *see* Xu Bing-Zhang
Bing-Zong Li, Wei-Jun Wu, Kai Shao, Hua Fang, Zhi-Guang Gu, Guo-Bao Jiang, Wei-Ning Huang Epitaxial growth of $CoSi_2$ by Co/Ti/Si solid phase reaction and its application in salicide technology 84209
Bing-Zong Li *see* Hua Fang 84212
Bingcai Li *see* Li Bingcai
Bingchen Zhu *see* Shenjun Zhang 84211
Bingcheng Li Repeatedly smoothing, discrete scale-space evolution and dominant point detection 67460
Bingchu Cai *see* Weichun Ye 75258
Bingchu Cai *see* Yiqun Li 64256
Bingchuan Yang *see* Xizhi Li 79407
Bingen Yang *see* Junfeng Wu 104191
Bingert, S.R. *see* Kelly, A.M. 92948
Bingfeng Wang *see* Wang Bingfeng
Bingham, C. *see* Jenkins, D. 111854
Bingham, C.E. *see* Tsuo, Y.S. 103001
Bingham, J.A. *see* Bindi, T.D. 68983
Bingham, J.A.C. *see* Ho, M. 87982
Bingham, J.A.C. *see* Jacobsen, K.S. 78859
Bingham, W.G., Lighthipe, R.W. SMES: redefining the path to commercial demonstration 121915
Bingheng Xiong *see* Xiong Bingheng
Binghua Chen *see* Chen Binghua
Binghua Liu *see* Liu Binghua
Binghui Li, Ruqi Han, Yangyuan Wang Effects of strain on the electron mobility in SOI Si-MOSFET 84455
Bingjing Su, Pomraning, G.C. The Fermi-Eyges beam analysis for a heterogeneous absorbing stochastic medium 71094
Bingjun Ding *see* Xin Zhou 105005
Bingjun Li *see* Li Bingjun
Bingjun Liu *see* Liu Bingjun
Bingkui Wang *see* Wang Bingkui
Bingkun Zhou *see* Zhijian Zhang 78949
Bingkun Zhou *see* Zhou Bingkun
Bingqun Xiong *see* Xiong Bingqun
Bingsheng Qiu, Ruman Qiu Measurement for dielectric properties of liquid materials at 890 GHz 79666
Bingxin Yang *see* Yang Bingxin
Bingxue Shi *see* Liusheng Liu 83253
Bingxue Shi *see* Wei Lu 93637
Bingxue Shi *see* Wei Lu 104769
Bingyuan Xue *see* Xue Bingyuan
Bingzhen Xu *see* Xu Bingzhen
Bingzhong Guan *see* Roy, K. 113645
Bingzong Li Silicon technology to 2000 and beyond 84527
Binh, L.N., Thien, N.X., Ngo, N.Q. Realisation of Butterworth-type optical filters using 3×3 coupler ring resonators 64870
Binh, L.N. *see* Ngo, N.Q. 119181
Binh, N.N., Imai, M., Shiomi, A. A new HW/SW partitioning algorithm for synthesizing the highest performance pipelined ASIPs with multiple identical FUs 113871
Binh Nguyen Ngoc *see* Nguyen Ngoc Binh
Bini Verona, F. *see* Balestrino, A. 98357
Binkley, D.M. *see* Paulus, M.J. 90344
Binkley, D.M. *see* Paulus, M.J. 100947
Binks, L.A. *see* Steed, C.M. 91691
Binley, A., Pinheiro, P., Dickin, F. Finite element based three-dimensional forward and inverse solvers for electrical impedance tomography 101372
Binmore, K. Rationality in the Centipede 60807
Binner, J.G.P. *see* Arai, M. 69462
Binnie, D.M. *see* Lodge, M.A. 80310
Binnie, D.M. *see* Lodge, M.A. 101192
Binning Chen, Xianda Zhang Identification of a noncausal nonminimum phase system in a Gaussian ARMA noise 97822
Binninger, U. *see* Shen, N.X. 64321
Binns, B. *see* DeCobert, J. 89777
Binns, B. *see* Wang, D. 100563
Binns, K.J. *see* Al-Taee, M.A. 121739
Binquan Wang, Liren Liu, Haifeng Peng Implementation of a simple optical threshold operation with the use of the PROM device and its application 75574
Binquan Wang, Liren Liu, Lan Shao, Ning Wang Two-stage fuzzy logic architecture for grey-scale image processing 117663
Binquan Wang, Liren Liu, Yaozhu Yin, Guoqiang Li A various structuring element morphological image processor with a compact weighted interconnection module 117564
Binsma, J.J.M., Kuindersma, P.I., Van Gestel, P., Van Der Hofstad, G.L.A., Cuijpers, G.P.J.M., Peeters, R., Van Dongen, T., Thijs, P.J.A. DFB lasers with integrated electroabsorption modulator 65224
Binsma, J.J.M. *see* Staring, A.A.M. 96384
Binsma, J.J.M. *see* Thijs, P.J.A. 107280
Binsma, J.J.M. *see* Tiemeijer, L.F. 76024
Binsma, J.J.M. *see* Tiemeijer, L.F. 76036
Binsma, J.J.M. *see* Tiemeijer, L.F. 76037
Binsma, J.J.M. *see* Tiemeijer, L.F. 96385
Bintz, L. *see* Feuerstein, R.J. 64783
Bintz, L.J. *see* Lin, S. 106829
Biolek, D. Novel signal flow graphs of current conveyors 93088
Biotteau, B. *see* Pitel, F. 119180
Birafane, A. *see* Ouslimani, A. 73723
Biran, A. *see* Madjar, A. 73720
Biran, G. Carriers and voice over frame relay: the test and see approach 87569
Birbas, A.N. *see* Mariatos, E.P. 77457
Birbas, A.N. *see* Petrellis, N.C. 98493
Birbas, A.N. *see* Plevridis, S.E. 69074
Birbas, M.K. *see* Mariatos, E.P. 77457
Birbas, M.K. *see* Petrellis, N.C. 98493
Birbaumer, N. *see* Anokhin, A.P. 110823
Birbaumer, N. *see* Pulvermuller, F. 101362
Birbir, F., Buyukaksoy, A. Plane wave diffraction by a wide slit in a thick impedance screen 97022
Birbir, F. *see* Buyukaksoy, A. 65801
Birca-Galateanu, S. Triple step-down DC-DC converters 121602
Birch, A. *see* Johnson, M.D. 62732
Birch, A.J. *see* Fornander, H. 61217
Birch, A.P., Ozveren, C.S. Trading energy in the newly privatised electricity supply industry–an overview 101766
Birch, A.P., Ozveren, C.S., Sapeluk, A.T. A generic load profiling technique using fuzzy classification 101992
Birch, D.J.S. *see* McLoskey, D. 89144
Birch, D.J.S. *see* Suhling, K. 89145
Birch, K., Chown, D., Gibson, P., Goh, T., Gregory, I., Tremaine, R., Wade, R. Novel plastic-molded optical receiver module 78804
Bird, A.J. *see* Rossi, E. 101013
Bird, D.J., Corbato, S.C., Dai, H.Y., Dawson, B.R., Elber, J.W., Gaisser, T.K., Green, K.D., Huang, M.A., Kieda, D.B., Ko, S., Larsen, C.G., Loh, E.C., Luo, M., Salamon, M.H., Smith, J.D., Sokolsky, P., Sommers, P., Stanev, T., Tang, J.K.K., Thomas, S.B., Tilav, S. Results from the Fly's Eye experiment 110586
Bird, F. *see* Abe, K. 69708
Bird, F. *see* Abe, K. 69726
Bird, F. *see* Adams, D. 69840
Bird, G. *see* Read, M.E. 105038
Bird, G.R. *see* Waidlich, J. 96127
Bird, I.G., Zelaya de La Parra, H. Practical evaluation of two stator flux estimation techniques for high performance direct torque control 122003
Bird, J.P., Ferry, D.K., Akis, R., Ochiai, Y., Ishibashi, K., Aoyagi, Y., Sugano, T. Periodic conductance fluctuations and stable orbits in mesoscopic semiconductor billiards 114782
Bird, J.P., Ishibashi, K., Aoyagi, Y., Sugano, T. Device noise as a probe of electron motion in quantum dots at high magnetic fields 74384
Bird, J.P., Ishibashi, K., Aoyagi, Y., Sugano, T., Ochiai, Y., Lakrimi, M., Grassie, A.D.C., Hutchings, K.M. Scaling of universal conductance fluctuations in GaAs/AlGaAs quantum wires at high magnetic fields 62928
Bird, J.P. *see* Hofmann, H.F. 74673
Bird, J.P. *see* Ochiai, Y. 62840
Bird, J.S. *see* Kraeutner, P.H. 68740
Bird, J.S. *see* Lixue Wu 108067
Bird, J.S. *see* MaMullen, W.G. 88731
Bird, M. *see* Baumbach, D. 92059
Bird, M.D., Bole, S., Eyssa, Y.M., Gao, B.-J., Schneider-Muntau, H.-J. The world's first 27 T and 30 T resistive magnets 96968

Bird, M.D., Bole, S., Eyssa, Y.M., Gao, B.-J., Schneider-Muntau, H.-J. Design of a poly-Bitter magnet at the NHMFL 96986
Bird, M.D. *see* Eyssa, Y.M. 96987
Bird, M.D. *see* Gao, B.J. 96977
Bird, M.D. *see* Gao, B.J. 96989
Bird, M.D. *see* Prestemon, S. 96988
Bird, P. *see* Stevens, D. 111126
Bird, S. ESDA–has the bubble burst? 73019
Bird, T.S. Serving radio astronomy and telecommunications: Reflector antenna development in Australia 66033
Bird, T.S. Cross-coupling between open-ended coaxial radiators 109323
Bird, T.S., Sprey, M.A., Greene, K.J., James, G.L. Design of a high-performance, mid-sized, X-band Earth station antenna 76620
Bird, T.S. *see* James, G.C. 66079
Bird, T.S. *see* Staveley-Smith, L. 68796
Birdee, M. *see* Rayasam, R. 78581
Birdsall, C.K. *see* Cartwright, K.L. 105032
Birdsall, C.K. *see* Gopinath, V.P. 62602
Birdsall, G.K. *see* Gopinath, V.P. 83762
Birdsall, S. Power plays: protecting HFC nets at the line drop 118648
Birdsall, T.G. *see* Grabb, M.L. 90820
Birge, J.R. *see* Donohue, C.J. 60890
Birge, J.R. *see* Takriti, S. 102006
Birge, R.R. *see* Li-Qun Gu 106903
Birge, R.R. *see* Tallent, J. 106771
Birgenheier, R.A. Measuring waveform quality, code-domain power, time offsets and phase offsets of CDMA signals 109398
Birgerson, J. *see* Rasmusson, J.R. 85312
Birgersson, J. Series compensation for distribution lines now a reality 70862
Biri, S., Bader, A., Palinkas, J. A simple model to describe ion source extraction optics–simulations and experimental test 69613
Biringer, P.P. *see* Namjoshi, K.V. 65915
Birk, H., Oostveen, K., Schonenberger, C. Preamplifier for electric-current noise measurements at low temperatures 93157
Birk, J.D. *see* Weber, L.F. 100253
Birk, M. *see* Schumacher, H. 83386
Birk, Y., Bloch, N. The effects of destructive interference and wasted transmissions on the uniform-traffic capacity of non-bus-oriented single-hop interconnections 78088
Birkedal, D., Sayed, K.E., Lyssenko, V.G., Hvam, J.M. Continuum contribution to excitonic four-wave mixing 107558
Birkedal, D., Singh, J., Lyssenko, V.G., Hvam, J.M. Binding of quasi two-dimensional biexcitons 114728
Birkedal, D. *see* Erland, J. 62939
Birkeland, J., Staudinger, J. High-impedance current source uses GaAs MESFETs 104857
Birkelund, K. *see* Madsen, S. 84270
Birkenheuer, D. Applying satellite gradient moisture information to local-scale water vapor analysis using variational methods 80604
Birkenmayer, S. *see* Brueck, H.J. 74648
Birkett, A.N., Goubran, R.A. Nonlinear loudspeaker compensation for hands free acoustic echo cancellation 78258
Birkett, J. *see* Cronyn, W. 109784
Birkett, M.J. *see* Cockburn, J.W. 74395
Birkhofer, H. *see* Kohlhase, N. 112843
Birkmire, R.W., Hichri, H., Klenk, R., Marudachalam, M., McCandless, B.E., Phillips, J.E., Schultz, J.M., Shafarmann, W.N. Processing and analysis of polycrystalline thin-film solar cells made from uniform single phase materials 112370
Birkmire, R.W. *see* Levi, D.H. 94368
Birks, A. *see* Denys, P. 70446
Birks, T.A., Culverhouse, D.O., Farwell, S.G., Russell, P.S.J. 2×2 single-mode fiber routing switch 64835
Birks, T.A. *see* Diez, A. 85022
Birks, T.A. *see* Knight, J.C. 85031
Birks, T.A. *see* Knight, J.C. 116058
Birkwood, P. *see* Hill, R. 118399
Birla, N., Tripathi, K.N., Kapoor, A., Roy, A. Degenerate four-wave mixing in photorefractive media in the presence of biasing incoherent illumination 85602
Birlasekaran, S., Chua, H.C. Quantitative detection of H_2 and CO gases from a multisensor array using artificial neural networks 69355
Birman, A. Computing approximate blocking probabilities for a class of all-optical networks 78725
Birman, A. *see* Calame, J.P. 104176
Birman, A. *see* Levush, B. 61440
Birman, V. Thermal effects on measurements of dynamic processes in composite structures using piezoelectric sensors 110103
Birn, B. *see* Keller, R. 93741
Birnbaum, M. *see* Kuo, Y.-K. 75885
Birnbaum-More, P.H. *see* Gilbert, J.T. 72173
Biro, J., Koronkai, Z., Ast, L., Tron, T., Boda, M. Analyses of extended and generalized optimization neural networks 103703
Biro, L.P., Gyulai, J., Khanh, N.Q., Tuettoe, P. Influence of sample thickness on carrier lifetime modification induced by 4 MeV proton implantation in silicon 94698
Biro, O., Bardi, I., Preis, K., Renhart, W., Richter, K.R. A finite element formulation for eddy current carrying ferromagnetic thin sheets 107778
Biro, O., Preis, K., Richter, K.R. On the use of the magnetic vector potential in the nodal and edge finite element analysis of 3D magnetostatic problems 65670
Biro, O. *see* Groiss, S. 62190
Biro, O. *see* Groiss, S. 93748
Biro, O. *see* Preis, K. 65691
Biro, O. *see* Preis, K. 103326
Biro, O. *see* Renhart, W. 65998
Birolini, A. Reliability analysis techniques for electronic equipment and systems 113040
Birolini, A. *see* Ciappa, M. 105854
Birolini, A. *see* Heiduschke, K. 112911
Birreck, D. *see* Drolshagen, A. 61720
Birrell, A.H. *see* Lukaszek, W. 105635
Birru, D. Use of comb filters for efficient VLSI implementation of reduced clock frequency noise shapers 83185
Birsa, F. *see* Hamel, L.A. 80067
Birsa, F. *see* Hamel, L.A. 100831
Birsan, M., Szpunar, J.A. Method based on the saturation approach law for monitoring the quality of texture in 3% Si-Fe 64380
Birsan, M., Szpunar, J.A. Anisotropy of permeability at 10 Oe in textured soft magnetic materials 75126
Birsan, M., Szpunar, J.A., Krause, T.W., Atherton, D.L. Correlation between the Barkhausen noise power and the total power losses in 3% Si–Fe 75109
Birtwhistle, D., Celina, M., George, G., Millers, K. Polymeric insulation in low voltage aerial distribution in Australia: insulation characterisation and limits to system performance 70936
Birtwhistle, D. *see* Blackmore, P. 64154
Birtwistle, K. *see* Casey, S. 106548
Birukov, I.N., Gonin, I.V., Gorelov, D.V., Iljinov, A.N., Moiseev, V.A., Ostroumov, P.N., Tiunov, A.V. Recent studies of linac for production of radioactive beams in the INR 89720
Biryukov, A.V. *see* Ostrirov, V.N. 103066
Biryukov, S.A. *see* Sharafutdinov, R.G. 61404
Biryukov, S.V., Polevoi, V.G. General approach to the electrostatic problem of the IDT in an external electric field 106438
Biryukov, V. Computer simulation of the Tevatron crystal extraction experiment 100733
Biryukov, V.M., Chesnokov, Yu.A., Greth, V.N., Ivanov, A.A., Kotov, V.I., Selesnev, V.S., Tarakanov, M.V., Terekhov, V.I., Tsarik, S.V. High energy beam line based on bending crystal 100729
Biryukov, V.M. *see* Baranov, V.I. 100730
Bisaro, R. *see* Ferro, G. 94441
Biscardi, R., Ramirez, G. RF system for bunch lengthening 100503
Biscardi, R. *see* Broome, W. 100493
Biscari, C. Low beta quadrupole fringing field on off-axis trajectory 120011
Biscari, C. *see* Bassetti, M. 100772
Bisceglia, M.Di *see* Di Bisceglia, M.
Bisceglie, M.Di *see* Di Bisceglie, M.
Bischel, H., Werner, M., Lutz, E. Elevation-dependent channel model and satellite diversity for NGSO S-PCNs 109537
Bischof, C.H., Nath Datta, B., Purkayastha, A. A parallel algorithm for the Sylvester observer equation 61007
Bischof, C.S. *see* Gallo, A.A. 112928
Bischof, H. *see* Bertin, E. 67410
Bischof, H. *see* Leonardis, A. 86414
Bischof, M., Christ, G., Major, J., Becker, G., Nusslin, F. Treatment planning for bicentric stereotactic irradiation 90579
Bischof, W., Ehrlinger, W., Haug, K., Berroth, M., Schlechtweg, M. An extremely wide band balanced amplitude controller in coplanar waveguide technology 104884
Bischof, W. *see* Heinrich, W. 73784
Bischoff, C., Riescher, H., Machetanz, J., Meyer, B.U., Conrad, B. Comparison of various coils used for magnetic stimulation of peripheral motor nerves: physiological considerations and consequences for diagnostic use 90465
Bischoff, I. *see* Rothan, F. 69311
Bischoff, J., Baumgart, J.W., Truckenbrodt, H., Bauer, J.J. Photoresist metrology based on light scattering 115088
Bischoff, J.L. *see* Aubel, D. 82597
Bischoff, J.L. *see* Aubel, D. 82624
Bischoff, L., Heinig, K.H., Teichert, J., Skorupa, W. Submicron $CoSi_2$ structures fabricated by focused ion beam implantation and local flash lamp melting 94701
Bischoff, L. *see* Schneider, P. 105824
Bischoff, L. *see* Teichert, J. 74930
Bischoff, M., Huber, M.N. Survivability concepts for all-optical transport networks 119261
Bischoff, S., Brorson, S.D., Franck, T., Hofmann, M., Prip, L., Sorensen, M.P., Mork, J. Modelling and characterization of colliding pulse mode-locked (CPM) quantum well lasers 96353
Bischoff, S. *see* Brorson, S.D. 107316
Bischoff, U., Nitsch, R., Horn, J., Jacobs, K., Schieder, R. Concepts for a submm-wave array receiver 68811
Bisdikian, C.C., Patel, B.V. Cost-based program allocation for distributed multimedia-on-demand systems 118637
Bisdikian, C.C. *see* Patel, B.V. 117987
Bisegna, P., Maceri, F. A consistent theory of thin piezoelectric plates 106396
Bisello, D. *see* Bacchetta, N. 80042
Bisello, D. *see* Bacchetta, N. 100853
Bishay, M. *see* Asaad, S. 77453
Bishay, M. *see* Kawamura, K. 80499
Bishay, M. *see* Peters, R.A., II 80501
Bishay, S.T. *see* Abo Seliem, A.A.S. 97066
Bishel, G.R. *see* McPherson, J.W. 63446
Bishop, A. *see* Pawlikiewicz, A.H. 63904
Bishop, A.R. *see* Bronold, F.X. 76132
Bishop, B., Hutchinson, S., Spong, M. Camera modelling for visual servo control applications 108680
Bishop, D. Radio communications improve services on forest lands 99364
Bishop, D.N., Kuczka, J.H., Rowe, V.G. The net effect: a detailed impact analysis of a three-level classification system on the electrical industry 92130
Bishop, G., Mazzella, A., Holland, E., Rao, S. Algorithms that use the ionosphere to control GPS errors 79029
Bishop, H.E. *see* Neat, R.J. 112221
Bishop, J. *see* Baumbaugh, B. 89063
Bishop, J. *see* Baumbaugh, B. 100882
Bishop, J.E.L. *see* Hua, L. 106512
Bishop, J.W., Campion, M.J., Jeremiah, T.L., Mercier, S.J., Mohring, E.J., Pfarr, K.P., Rudolph, B.G., Still, G.S., White, T.S. PowerPC AS A10 64 bit RISC microprocessor 113964
Bishop, K. UPS: short-term or diesel? 121452
Bishop, K.D. *see* Stair, A.T., Jr. 90796
Bishop, M.J.D. Transducer equalisation: Signal representation and filter structure 68718
Bishop, M.J.D. Architectural and practical issues in sonar system prototyping 68724
Bishop, M.T., Foster, J.D., Down, D.A. Single-phase voltage regulators and three-phase systems 81056
Bishop, M.T. *see* Andrews, D. 71940
Bishop, N., Wang, R., Lack, L. A frequency domain fatigue predictor for wind turbine blades including deterministic components 102542
Bishop, N.W.M. *see* Halfpenny, A. 102563
Bishop, P.J., Daniels, M.E., Ridley, B.K., Roberts, J.S., Hill, G. The effect of quantum wells on electron transport across GaAs/AlGaAs graded barrier structures 74413
Bishop, R.G. *see* Read, B.C. 120625
Bishop, R.H. *see* Burkhart, P.D. 80537
Bishop, R.H. *see* Nabaa, N. 108297
Bishop, S.G. *see* Kalem, S. 105236
Bishop, S.G. *see* Li, X. 106997
Bishop, S.G. *see* Panepucci, R. 82595
Bishop, S.G. *see* Ramachandran, S. 85771
Bishop, S.G. *see* Turnbull, D.A. 65072
Bishop, S.G. *see* Turnbull, D.A. 113360
Bishop, S.J. *see* Seybold, J.S. 109788
Bishu, R.R. *see* Byungjoon Kim 71042
Bisi, F. *see* Baldanza, C. 69857
Bisi, F. *see* Baldanza, C. 100919
Bisi, O. *see* Dorigoni, L. 94306
Bisi, O. *see* Dorigoni, L. 94308
Bisi, O. *see* Guardini, R. 116266
Bisio, G., Massardo, A., Agazzani, A. Combined helium and combustion gas turbine plant exploiting liquid hydrogen (LH_2) physical exergy 91358
Bisio, G.M., Crespi, B., Raffo, L., Sabatini, S.P., Soncini, G., Valdes, A. A distributed adaptive architecture for analog stereo depth estimation 108602
Bisio, G.M. *see* Raffo, L. 83281
Bisio, G.M. *see* Valle, M. 62104
Bismuth, H. *see* Nussbaum, G.H. 69995
Bisnett, M.J. *see* Steuch, H.E. 101570
Bisognano, J. *see* Benson, S.V. 96445
Bisognano, J. *see* Dylla, H.F. 76067
Bisognano, J. *see* Liu, H. 90083
Bisognano, J. *see* Neuffer, D.V. 79877
Bisognano, J.J. *see* Benson, S.V. 107358
Bisognano, J.J. *see* Merminga, L. 96462
Bisognano, J.J. *see* Merminga, L. 100610
Bisognano, J.J. *see* Zenghai Li 89999
Bisogni, M.G. *see* Beccherle, R. 80297
Bisogni, M.G. *see* Del Guerra, A. 101315
Bisplinghoff, J. *see* Albers, D. 69756
Biss, B. *see* Hobbs, T. 70275
Bisschop, E.de *see* de Bisschop, E.
Bissell, C. Revitalising the engineering curriculum: the role of information technology 72147
Bissell, P.R. *see* Dean, C. 84776
Bissell, P.R. *see* McConochie, S.R. 106562
Bissell, P.R. *see* Schmidlin, F. 64447
Bissell, P.R. *see* Sollis, P.M. 106567
Bissell, P.R. *see* Suzuki, H. 106585
Bissell, P.R. *see* Warren, A.P. 106482
Bissessur, H. *see* Chusseau, L. 100367
Bissessur, H.K. *see* Haes, J. 76540
Bissieres, D. *see* Naudin, N. 69010
Bisson, S.E., Goldsmith, J.E.M. Daytime tropospheric water vapor profile measurements by Raman lidar 111210
Bissu, S.K. *see* Joshi, C.M. 72414
Bist, A. Some results on quantization of a narrow-band process 66726
Bist, H.D. *see* Dobal, P.S. 116481

Bist, H.D. *see* Dobal, P.S. 116485
Bist, H.D. *see* Rai, B.K. 84165
Bista, B.Bahadur *see* Bahadur Bista, B.
Bistolfi, M., Malandrino, A., Mancini, N. The use of different modelling approaches and tools to support research activities: an industrial example 71692
Bistritz, Y. A modified unit-circle zero location test 72406
Biswalb, K.C. *see* Ghosh, A.K. 72726
Biswas, D., Kundu, S., Datta, R. Quantum mechanical model explains anomalous capacitance-voltage profiles observed in quantum wells 105377
Biswas, D. *see* Kurkjian, C.R. 84972
Biswas, D.R. *see* Shiue, Y.S. 84978
Biswas, G.Pada *see* Pada Biswas, G.
Biswas, J. *see* Bhonsle, S.K. 77652
Biswas, J.C. *see* Rama Mohana Rao, B.V. 106952
Biswas, N. *see* Baumbaugh, B. 89063
Biswas, N. *see* Baumbaugh, B. 100882
Biswas, N.N., Srikanth, C., Jacob, J. Cubical CAMP for minimization of Boolean functions 92377
Biswas, P. *see* Sengupta, A. 110778
Biswas, P.K. *see* Jagdish, S. 77220
Biswas, S., Pal, N.R., Pal, S.K. A quantitative index for termination of iterative image smoothing algorithms 98145
Biswas, S. *see* Datta, D. 120548
Biswas, S. *see* Kal, S. 105118
Biswas, S.J., Basak, B. Stepped wave synthesis from pre-programmed PWM inverters with common DC-DC converter supply 112095
Biswas, S.K., Hopper, A. A representative based architecture for handling mobility in connection oriented radio networks 68299
Biswas, S.K. *see* Deb, N.K. 111888
Biswas, S.K. *see* Khaliquzzaman, M. 94448
Bitan, S. *see* Etzion, T. 113136
Biteau, J. *see* Boilot, J.P. 75397
Bithell, E.G. *see* Golan, Y. 62903
Bither, W. *see* Lagerquist, M.D. 115080
Bitler, B. *see* Chassaing, R. 60469
Bitmead, R. *see* Sherman, P. 117476
Bitnaya, I.A., Borisko, V.N., Lapshin, V.I. Relaxation plasma oscillation in a magnetron diode 62608
Bittar, A. Extension of a silicon-based detector spectral-responsivity scale into the ultraviolet 89071
Bittar, G.L.A. *see* Martins, D.C. 121499
Bittruf, D. *see* Winter, A. 73056
Bityurin, N. *see* Kamensky, V. 120511
Bityutskii, O.I., Vertoprakhov, V.V., Ladygin, V.I., Pastushenko, A.I., Plotnikov, S.V., Chugui, Yu.V., Yunoshev, S.P. Optico-electronic system for contactless inspection of geometric parameters of hollow cylinders 60685
Bitzer, B. *see* Papazoglou, T.M. 111541
Bitzer, D.L. *see* Dholakia, A. 66308
Bitzer, D.L. *see* Koorapaty, H. 66340
Bivas, I. *see* Dimitrov, D.A. 99917
Bivins, B. *see* Wong, C.P. 83645
Bixler, P. *see* McGuire, J. 112778
Biyani, M. *see* Ho, Y.-C. 73806
Biyue Liu *see* Kellogg, R.B. 61111
Bizak, M. *see* Saaski, E.W. 80677
Bizioukov, A.A., Kashaba, A.Y., Sereda, K.N. Virtual anode in Hall source of ions 120089
Bizjak, G., Zunko, P., Lerch, E., Zaherdoust, P. Use of rotating frequency converter in industrial networks–digital simulation study 90962
Bizjak, G. *see* Lerch, E. 111442
Bizzeti, A. *see* Arefiev, A. 69787
Bizzeti, A. *see* Arefiev, A. 100805
Bjarklev, A. *see* Dinesen, P.G. 106860
Bjarklev, A. *see* Zenth, K. 95724
Bjarngard, B.E., Zhu, T.C., Ceberg, C. Tissue-phantom ratios from percentage depth doses 80509
Bjarngard, B.E. *see* Ceberg, C.P. 80508
Bjarngard, B.E. *see* Shackford, H. 80463
Bjelajac, B. Adaptive-ALOHA multiple access protocol for mobile satellite systems 118989
Bjelajac, B. CIR based dynamic channel allocation schemes and handover strategies for mobile satellite systems 119093
Bjelajac, B. CIR based dynamic channel allocation schemes and handover prioritisation for mobile satellite systems 119095
Bjelkhagen, H. *see* Jeong, T.H. 96785
Bjelkhagen, H.I., Jeong, T.H., Vukicevic, D. Color reflection holograms recorded in a panchromatic ultrahigh-resolution single-layer silver halide emulsion 96846
Bjerkan, L., Royset, A., Hafskjaer, L., Myhre, D. Measurement of laser parameters for simulation of high-speed fiberoptic systems 68474
Bjerkelund, C. *see* Vachon, P.W. 120853
Bjerklie, S. *see* Johnstone, C. 79799
Bjerrum-Niese, C., Bjorno, L., Pinto, M.A., Quellec, B. A simulation tool for high data-rate acoustic communication in a shallow-water, time-varying channel 68534
Bjontegaard, G., Lillevold, K.O., Danielsen, R. A comparison of different coding formats for digital coding of video using MPEG-2 87210
Bjorge, R.W., Connan, J.C., Smith, R.W., Kalina, A., Fisk, R. Mix and match [combined-cycle power generation] 81332
Bjorklof, A. Electroless bumped bare dice on flexible substrates 62509
Bjorklund, G.C. *see* Hill, R.A. 78799
Bjorklund, H.O. *see* Werthen, J.G. 121263
Bjorklund, P.-E. *see* Jonsson, T. 91119
Bjorkman, C.H. *see* Yamazaki, T. 63303
Bjorkman, N., Hansson, U., Latour-Henner, A., Pers, O., Miah, A. Practical ATM resource dimensioning based on real-time traffic measurements and analysis 77611
Bjorkman, N., Latour-Henner, A., Hansson, U., Miah, A. Controllability and impact of the cell loss process in ATM networks 77656
Bjorkman, N., Latour-Henner, A., Miah, A., Crosby, S., Leslie, I., Davey, H., Russell, R., Toomey, F. Exploring the queueing behaviour of ATM switches 118047
Bjormander, C. *see* Tyunina, M. 92923
Bjorn, V.C. *see* McCabe, T.M. 108364
Bjorn Broo *see* Dong Wu 102223
Bjornland, D.F. FPLMTS-IMT2000: Communication anywhere, anytime 99244
Bjorno, I.K. *see* Shaobo Sun 111365
Bjorno, L. *see* Bjerrum-Niese, C. 68534
Blaabjerg, F., Pedersen, J.K. Optimized design of a complete three-phase PWM-VS inverter 121665
Blaabjerg, F. *see* Munk-Nielsen, S. 112093
Blaabjerg, F. *see* Nielsen, P. 121566
Blaabjerg, S. *see* Gravey, A. 77709
Blaabjerg, S. *see* Molnar, S. 87863
Blaauw, C. *see* Lu, H. 65296
Blaauw, C. *see* Pakulski, G. 65192
Blachere, J.R. *see* Zhang, B. 115600
Blachier, D. *see* Guegan, G. 84600
Blachier, D. *see* Guichard, E. 115178
Blachman, N.M. Random exploration of the three regular polytopes 66629
Blachman, N.M. The shape of low minima of the envelope of narrowband Gaussian noise 66671
Black, A., Mullenix, P., Zalnoski, J. An integrated yield management alarm system 112977
Black, A.J. *see* Montanaro, J. 73430
Black, C.T. *see* Ralph, D.C. 106106
Black, D.C., Mayo, R.M. High sensitivity, inductively coupled miniature magnetic probe array for detailed measurement of time varying magnetic field profiles in plasma flows 69033
Black, E. *see* Gorski, A. 89792
Black, J. Automated installation of surface mountable EMI shields using tape and reel packaging 97174
Black, J., Wilkins, M., Atanasov, P., Wilkins, E. Integrated sensor-telemetry system for in vivo glucose monitoring 110655
Black, J. *see* Thwaites, J.H. 70279
Black, K. *see* Szymanski, J.J. 110589
Black, K.A. *see* Michel, J. 84117
Black, M.F. Injection lock techniques and measurements 73146
Black, M.F. PLL bandwidth measurement for model verification 83003
Black, M.G. *see* Donaldson, G.J. 112182
Black, M.J., Jepson, A.D. Eigen tracking: Robust matching and tracking of articulated objects using a view-based representation 67247
Black, M.J., Jepson, A.D. Estimating optical flow in segmented images using variable-order parametric models with local deformations 117824
Black, M.J., Rangarajan, A. On the unification of line processes, outlier rejection, and robust statistics with applications in early vision 98073
Black, M.J. *see* Ju, S. X. 86792
Black, M.R. *see* Michel, J. 84117
Black, P.E., Hall, K.M., Jones, M.D., Larson, T.N., Windley, P.J. A brief introduction to formal methods [hardware design] 113661
Black, R. *see* Leslie, I.M. 109207
Black, R.D. *see* Arnder, L.L. 70092
Black, S. *see* Bierbrauer, J. 117208
Black, S.A., Porter, L.J. Identification of the critical factors of TQM 82283
Black, S.L. *see* Bindi, T.D. 68983
Black, W.M. *see* Godlove, T.F. 90227
Blackburn, A. *see* Beton, P.H. 62982
Blackburn, J. *see* McGarrity, J.M. 95061
Blackburn, J. *see* Scozzie, C.J. 82909
Blackburn, J.A., Smith, H.J.T., Gronbech-Jensen, N. Chaos and thermal noise in a Josephson junction coupled to a resonant tank 75359
Blackburn, M.R., Nguyen, H.G. Robotic sensor-motor transformations 67476
Blackburn, R.D. *see* Cox, A.M. 64597
Blackburn, S.R. The Welch-Berlekamp and Berlekamp-Massey algorithms 66447
Blackburn, S.R., Chambers, W.G. Some remarks on an algorithm of Fitzpatrick 76800
Blackburn, T.R. *see* Abouzakhar, F.S. 80897
Blackman, S. *see* Attili, J.B. 108651
Blackman, S.S., Dempster, R.J., Tucker, G.K., Roszkowski, S.H. Application of multiple hypotheses tracking to shipboard IRST tracking 111414
Blackman, S.S. *see* Popoli, R.F. 111413
Blackmore, P., Birtwhistle, D. Dynamic wetting characteristics of polymeric insulating materials 64154
Blacknell, D., White, R.G. Optimum classification of correlated clutter processes 68613
Blackney, J. *see* Ciorau, P. 90856
Blackstone, S. Mechanical thinning for SOI 63154
Blackstone, S. *see* De Courcy, M. 63629
Blackstone, S. *see* McStay, K. 63910
Blackstone, S. *see* Wilson, R. 63937
Blackwell, A.K., Davies, A.E., Ong-Hall, C.L. Forecasting cable ratings using a probabilistic method and real time parameter values 81081
Blackwell, C.W. *see* Hodgetts, R.M. 112817
Blackwell, K.G., McGuirk, J.P. Tropical upper-tropospheric dry regions from TOVS and rawinsondes 90802
Blackwell, R. *see* Butler, N. 69300
Blackwell, T. Fast decoding of tagged message formats 87437
Blackwell, T. Speeding up protocols for small messages 118121
Blackwood, K.M. Device applications of side-chain ferroelectric liquid crystalline polymer films 116130
Blad, B. Clinical applications of characteristic frequency measurements: preliminary in vivo study 120462
Bladel, J.G.Van *see* Van Bladel, J.G.
Bladel, M.Van *see* Van Bladel, M.
Bladt, E. *see* van der Wel, W. 84323
Blaesing, J. *see* Druesedau, T.P. 104085
Blaesing, J. *see* Zacharias, M. 94277
Blaesner, W. Frequency synthesizer for mobile radio 109404
Blagojevic, V. *see* Nikolic, P.M. 83827
Blagojevic, V. *see* Nikolic, P.M. 94323
Blain, M.G. *see* Booth, J.L. 105605
Blain, P. *see* Briles, S. 101551
Blaine, G.J. *see* Melson, D.L. 110896
Blair, D.B. *see* Taylor, C.T. 119882
Blair, D.G. The interstellar contact channel hypothesis: when can we expect to receive beacons? 78643
Blair, D.G. *see* Cuthbertson, B.D. 89056
Blair, D.G. *see* Cuthbertson, B.D. 99928
Blair, D.G. *see* Luiten, A.N. 79236
Blair, D.G. *see* Luiten, A.N. 106475
Blair, D.G. *see* Notcutt, M. 79225
Blair, D.G. *see* Woode, R.A. 104822
Blair, G. *see* Robin, P. 118588
Blair, G.M. Low cost sorting circuit for VLSI 73214
Blair, G.M. Low-area, pipelined conversion from signed-binary, to two's-complement, number representation 113835
Blair, G.M. CMOS buffer tapering with interconnect capacitances 115328
Blair, G.S. *see* Cheverst, K. 118341
Blair, G.S. *see* Davies, N. 87665
Blair, G.S. *see* Friday, A.J. 98502
Blair, J.J. *see* Deyst, J.P. 109967
Blair, P. *see* Bett, T.H. 85419
Blair, S.L. *see* Hill, R.H. 63496
Blair, W.D., Brandt-Pearce, M. Estimation and discrimination for Swerling targets 68549
Blair, W.D., Brandt-Pearce, M. Detection of multiple unresolved Rayleigh targets using quadrature monopulse measurements 68550
Blair, W.D., Brandt-Pearce, M. Tracking multiple unresolved Rayleigh targets with a monopulse radar 109707
Blair, W.D., Brandt-Pearce, M. Signal amplitude conditioned density function for monopulse measurements of fixed-amplitude targets 109730
Blair, W.D. *see* Chen, R.C. 111412
Blais, A. *see* Labonte, S. 120499
Blake, A. *see* Bascle, B. 67312
Blake, A. *see* Isard, M. 67248
Blake, A. *see* Kaucic, R. 66598
Blake, A. *see* Reynard, D. 67249
Blake, A. *see* Rowe, S. 67311
Blake, A. *see* Rowe, S. 108410
Blake, A. *see* Sinclair, D. 67203
Blake, E.H. *see* Haley, M.B. 108120
Blake, G.M. *see* Patel, R. 80523
Blake, J., Szafraniec, B., Feth, J. Partially polarized fiber-optic gyro 100067
Blake, J.N. *see* Pacitti, M.C. 84989
Blake, P. Wireless data rides the Internet wave 118795
Blake, R.E., Boros, P. The extraction of structural features for use in computer vision 87115
Blake, R.E. *see* Boros, P. 86693
Blake, T.G.W. *see* Gallia, J.D. 61735
Blake-Campos, R.P. *see* Gronowski, P.E. 73468
Blakeley, M.M. *see* Lund, J.C. 110575
Blakeley, R. Retrofit–a realistic option for switchgear replacement 71576
Blakely, J.M. *see* Tanaka, S. 94791
Blakeney, A. *see* Medina, A. 105795
Blakeney, A.J. *see* Kawabe, Y. 105793
Blakeney, A.J. *see* Schaedeli, U. 105787
Blakers, A.W. *see* Weber, K.J. 61252
Blakey, J.R. *see* Hurrell, A. 101591
Blakey, P. *see* Apanovich, Y. 63522
Blakley, G.R., Kabatianski, G.A. Ideal perfect threshold schemes and MDS codes 66484
Blakley, G.R. *see* Okamoto, E. 66290
Blaleck, T.V. *see* Dorris, D.L. 115401
Blalock, B.J., Allen, P.E. A one-volt, 120-μW, 1-MHz OTA for standard CMOS technology 104383
Blalock, G. *see* Lapsley, P. 83136
Blalock, T.V. *see* Dorris, D.L. 115400
Blam, B. *see* Woodside, G. 72382
Blamire, A.M., Rothman, D.L., Nixon, T. Dynamic shim updating: a new approach towards optimized whole brain shimming 101228
Blamire, G. *see* Goodchild, M.S. 106680

Blamire, M.G. *see* Carmona, H.A. 62820
Blamire, M.G. *see* Carmona, H.A. 105259
Blamire, M.G. *see* Nevirkovets, I.P. 95507
Blamire, M.G. *see* Takeuchi, I. 84886
Blampain, E. *see* Bendada, E. 106022
Blanas, I.T. *see* Ning Zhu 101877
Blanc, A. *see* Widmer, A. 78352
Blanc, A.Le *see* Le Blanc, A.
Blanc, C.Le *see* Le Blanc, C.
Blanc, F., Le Traon, P.Y., Houry, S. Reducing orbit error for a better estimate of oceanic variability from satellite altimetry 90816
Blanc, J.P. *see* Dentan, M. 90222
Blanc, J.P. *see* Dentan, M. 95214
Blanc, J.P.C., Lenzini, L. Analysis of communication systems with timed token protocols using the power-series algorithm 118118
Blanc, J.P.C., Van der Mei, R.D. Computation of derivatives by means of the power-series algorithm 60793
Blanc, M.J.Le *see* Le Blanc, M.J.
Blanc, N., Brugger, J., de Rooij, N.F., Durig, U. Scanning force microscopy in the dynamic mode using microfabricated capacitive sensors 69079
Blanc, N. *see* Akiyama, T. 74965
Blanc, N. *see* Niedermann, P. 82744
Blanc, P. *see* David, K. 109482
Blanc, S.P.Le *see* Le Blanc, S.P.
Blanc-Castillo, F., Salazar-Palma, M., Garcia-Castillo, L.E. Linear and second order edge-Lagrange finite elements for efficient analysis of waveguide structures with curved contours 97268
Blanc-Feraud, L. *see* Laurette, L. 80309
Blancard, M.de Saint *see* de Saint Blancard, M.
Blanchard, B. *see* Nguyen Hong Ky 62891
Blanchard, D. Route the board, HAL [neural net PCB routing] 83582
Blanchard, D. High-speed – mainstream design technology of the 90s [PCB design] 94030
Blanchard, E. *see* Mawardi, O.K. 95779
Blanchard, H.E., Angiolillo, J.S. Visual displays in communications: a review of effects on human performance and preference 87963
Blanchard, J.P. *see* Conrad, J.R. 63249
Blanchard, J.P. *see* Kissick, M.W. 63248
Blanchard, M. *see* Weber, E. 102001
Blanchard, P. *see* Ducos, L. 64704
Blanchard, P.M., Greenaway, A.H., Anderton, R.N., Appleby, R. Phase calibration of arrays at optical and millimeter wavelengths 97362
Blanchard, R. *see* Faugier, A. 79947
Blanchard, R. *see* Faugier, A. 79948
Blanchard, W. Proposal for a civil GNSS development office 79071
Blanchard, W. *see* Nelson, A. 68758
Blanchard, W.F. *see* Stich, H. 88752
Blanchart, J. A physical strength-stress interference model explaining infant and random mortality [electronic components] 92333
Blanchat, T.K., Allen, M.D. Experiments to investigate DCH phenomena with large-scale models of the Zion and Surry nuclear power plants 121299
Blanche, E. *see* Briquet, P. 99854
Blanchet, J. *see* Akis, R. 63808
Blanchet, R.C. *see* Nuban, M.F. 92777
Blanchet-Sadri, F. Inclusion relations between some congruences related to the dot-depth hierarchy 72445
Blanchette, M. *see* Leung, H. 68588
Blanchette, M. *see* Leung, H. 101654
Blanchette, M. *see* Leung, H. 109703
Blanchot, N., Rouyer, C., Allais, I., Mazataud, E., Miquel, J.L., Pierre, A., Sauteret, C., Migus, A. Sub-100 TW pulses generation with optical intensities in excess of 10^{19} W/cm^2 85428
Blanck, D. *see* Vodicka, V. 111798
Blanck, H. *see* Delage, S.I. 83389
Blanck, H. *see* Delage, S.L. 62341
Blanck, H. *see* Roux, J.P. 63598
Blanck, H. *see* Tachafine, A. 62293
Blanckenhagen, P.von *see* von Blanckenhagen, P.
Blanco, A. *see* Kutser, T. 111252
Blanco, C., Alonso, M., Lopez, E., Calleja, A., Rico, M. A single stage fluorescent lamp ballast with high power factor 71884
Blanco, F.A.F.P. *see* De Lima Filho, F. 112155
Blanco, F.A.F.Pazo *see* Pazo Blanco, F.A.F.
Blanco-Garcia, J., Doval, A.F., Fernandez, A., Dorrio, B.V., Lopez, B.V., Soto, R., Alen, J.M., Fernandez, J.L., Perez-Amor, M. Crack detection by TV-holography: continuous and pulsed techniques 107631
Blanco-Garcia, J. *see* Dorrio, B.V. 119862
Blanconnier, P. *see* Legros, E. 99562
Bland, A.C., Leung, H.T., Blundell, S.J., Speriosu, V.S., Metin, S., Gurney, B.A., Penfold, J. Spin orientation in an exchange coupled Fe/Cr/Fe trilayer determined by polarized neutron reflection 75204
Bland, I.M., Megson, G.M. Systolic random number generation for genetic algorithms 73200
Bland, J.A.C. *see* Adeyeye, A.O. 75116
Bland, J.A.C. *see* Gester, M. 84795
Bland, M. *see* Hussain, S.T. 69979
Bland, S.W. *see* Aliyu, Y.H. 64965
Blank, B. *see* Schmidt, K.H. 69627
Blank, D.H.A. *see* Gerritsma, G.J. 95502
Blank, E. *see* Duffy-Deno, K.T. 70679
Blank, H.-R., Thomas, M., Wong, K.C., Kroemer, H. Influence of the buffer layers on the morphology and the transport properties in InAs/(Al,Ga)Sb quantum wells grown by molecular beam epitaxy 113286
Blank, H.-R. *see* Ram, R.J. 97369
Blank, H.-R. *see* Thomas, M. 106691
Blank, L.C. *see* Gu, X. 109677
Blank, M., Freund, H.P., Jackson, R.H., Pershing, D.E., Taccetti, J.M. Simulation of an annular beam free-electron laser 96502
Blank, M., Freund, H.P., Jackson, R.H., Pershing, D.E., Taccetti, J.M. Design of a low-voltage annular beam Ku-band free-electron laser 107362
Blank, M., Kreischer, K., Temkin, R.J. Theoretical and experimental investigation of a quasi-optical mode converter for a 110-GHz gyrotron 105026
Blank, M. *see* Denison, D.R. 105034
Blank, M. *see* Felch, K. 105035
Blank, M. *see* Jackson, R.H. 65380
Blank, M. *see* Jackson, R.H. 96516
Blank, M. *see* Pershing, D.E. 94199
Blank, M. *see* Read, M.E. 105038
Blank, M. *see* Taccetti, J.M. 107374
Blank, M. *see* Taccetti, J.M. 114521
Blanke, G., Lorke, A., Kotthaus, J.P., English, J.H., Gossard, A.C., Petroff, P.M. Photon-assisted tunneling in coupled double quantum wells 63029
Blanke, M. Consistent design of dependable control systems 103519
Blanke, M., Bogh, S., Jorgensen, R.B., Patton, R.J. Fault detection for diesel engine actuator–a benchmark for FDI 112015
Blanke, M. *see* Bak, T. 90694
Blanke, T. *see* Schade, W. 96620
Blankenhorn, J.C. Advanced technologies for today and tomorrow [packaging] 92192
Blankenhorn, J.C. Mastering SMT land patterns 94009
Blankenship, R. *see* Fisher, C. 113862
Blankenstein, M.Van *see* Van Blankenstein, M.
Blankespoor, S.C., Wu, X., Kalki, K., Brown, J.K., Cann, C.E., Hasegawa, B.H. Attenuation correction of SPECT using X-ray CT on an emission-transmission CT system: Myocardial perfusion assessment 101145
Blankespoor, S.C., Xu, X., Kaiki, K., Brown, J.K., Tang, H.R., Cann, C.E., Hasegawa, B.H. Attenuation correction of SPECT using X-ray CT on an emission-transmission CT system: myocardial perfusion assessment 101286
Blankespoor, S.C. *see* Kalki, K. 90359
Blankespoor, S.C *see* Kalki, K. 101098
Blankespoor, S.C. *see* Wu, X. 101154
Blanks, D. *see* Klimeck, G. 63564
Blanksby, A. *see* Abbott, D. 89139
Blanpain, R. *see* Chaillout, J.J. 65701
Blanquart, L. *see* Dentan, M. 90222
Blanquart, L. *see* Dentan, M. 95214
Blanquart, L. *see* Gardic, F. 74850
Blanquart, L. *see* Gardic, F. 104501
Blanquet, P. *see* Demol, T. 111359
Blanter, Ya.M., Schon, G. Charge-vortex duality in double-layered Josephson-junction arrays 75357
Blanton, J.L. Cued medium-PRF air-to-air radar using stretch range compression 109779
Blanton, R.D., Hayes, J.P. Testability of convergent tree circuits 104442
Blanton, R.D., Hayes, J.P. Design of a fast, easily testable ALU 104465
Blanyer, R. *see* Jay, B.E. 71632
Blaquiere, Y. *see* Granger, E. 108353
Blaricum, M.L.Van *see* Van Blaricum, M.L.
Blas, F., Bossard, P., Cappi, R., Cyvoct, G., Garoby, R., Gelato, G., Haseroth, H., Jensen, E., Manglunki, D., Metzmacher, K., Pedersen, F., Rasmussen, N., Schindl, K., Schneider, G.C., Schonauer, H., Sermeus, L., Thivent, M., Van Rooij, M., Volker, F., Wildner, E. Acceleration of lead ions in the CERN PS Booster and the CERN PS 79935
Blas, J.M., De Pablos, J., Ramos, J., Perez, F., Alonso, J.I. GPS adaptive array for use in satellite mobile communications 88779
Blas, J.M., De Pablos, J., Ramos, J., Perez, F., Alonso, J.I. Closed loop adaptive antenna for satellite mobile communications 117102
Blas, J.M. *see* Alonso, J.I. 99288
Blas, P.De *see* De Blas, P.
Blaschke, H. *see* Ettrich, K. 107466
Blasco-Gimenez, R., Asher, G.M., Sumner, M., Bradley, K.J. Performance of FFT-rotor slot harmonic speed detector for sensorless induction motor drives 71803
Blasi, R.De *see* De Blasi, R.
Blasing, J. *see* Drusedau, T.P. 92798
Blasing-Bangert, C. *see* Roth, K.-D. 115093
Blasio, G.Di *see* Di Blasio, G.
Blasius, P. *see* Lindemann, H. 81085
Blaskiewicz, M., Ahrens, L.A., Bleser, E.J., Brennan, J.M., Gardner, C.J., Glenn, J.W., Reece, R.K., Roser, T., Syphers, M.J., VanAsselt, W., Zhang, S.Y. High intensity proton operations at Brookhaven 79926
Blaskiewicz, M., Ahrens, L.A., Hseuh, H.C., Roser, T., Shoji, Y., Zeno, K. Observation of intensity dependent losses in Au(15+) beams 79925
Blaskiewicz, M. *see* Ahrens, L.A. 79924
Blaskiewicz, M. *see* Mackay, W.W. 89986
Blaskiewicz, M.M. *see* Wei, J. 89880
Blasko, V. A hybrid PWM strategy combining modified space vector and triangle comparison methods 121726
Blasko, V., Kaura, V. A novel control to actively damp resonance in input LC filter of a three phase voltage source converter 71448
Blasko, V. *see* Kaura, V. 61687
Blasko, V. *see* Kaura, V. 112102
Blasko, V. *see* Kaura, V. 112113
Blastos, J. *see* Catravas, P. 76055
Blaszczyk, A. Computation of quasi-static electric fields with region-oriented charge simulation 65622
Blatchford, J.W. *see* Epstein, A.J. 96022
Blatt, J. DSP in active acoustical phased-array radar 99643
Blatt, J.H. *see* Andrade, R.A. 117755
Blattman, D.A. Technological advances allowing integrated physical protection systems to be rapidly deployed and reused with multi-mode performance by unskilled personnel 120948
Blattner, P., Herzig, H.P., Weible, K.J., Teijido, J.M., Heimbeck, H.J., Langenbach, E., Rogers, J. Diffractive optics for compact space communication terminals 88605
Blau, B., Jakob, B., Pasztor, G., Vecsey, G., Cerri, A., Marti, H.P. Evaluation of a NbTi cable-in-conduit prototype superconductor for the Wendelstein 7-X magnet system 95527
Blau, G., Ruiz, L., Casablancas, P., Vitrant, G., Chollet, P.A., Kajzar, F. Electro-optical modulation in organic waveguides using grating couplers 106859
Blau, G. *see* Reinisch, R. 116068
Blau, H.H., Jr. *see* McConnell, R.K., Jr. 89159
Blau, J., Wong, R.K., Colson, W.B. Optical power evolution in the Boeing 1 kW FEL oscillator 96544
Blau, J. *see* Ramos, L. 96470
Blau, J. *see* Wong, R.K. 96543
Blau, P. Impedance matching and electric field penetration in metal vapour lasers 116383
Blau, W.J. *see* Large, M.C.J. 85659
Blaum, H., Kirchesch, P., Kox, A., Osterholt, A. Reliability of 400 kV gas-insulated lines 121160
Blaum, M., Bruck, J., Vardy, A. MDS array codes with independent parity symbols 66351
Blaum, M., van Tilborg, H.C.A. Enhanced decoding of interleaved error correcting codes 66450
Blaum, M. *see* Katti, R.S. 66553
Blaumoser, M. *see* Perez, A. 104903
Blaumoser, M. *see* Perez, A. 112078
Blaze, M. High-bandwidth encryption with low-bandwidth smartcards 66501
Blaze, M., Feigenbaum, J., Lacy, J. Decentralized trust management 77888
Blazek, J., Praslicka, D., Hudak, J., Mikita, I. Basic theory of the relaxation fluxgate sensor 110114
Blazek, K. *see* de Notaristefani, F. 110698
Blazek, M., Bambach, B. Integrating ISO 14000 Environmental Management Systems and design for environment at AT&T 72234
Blazhevich, S.V. *see* Grishin, V.K. 79907
Blech, I.A. *see* Shen, Y.-L. 94769
Blecher, L. *see* Kalafala, A.K. 102820
Blecher, Y. *see* Fried, R. 63922
Blecher, Y. *see* Fried, R. 74838
Blees, R. *see* Schulze, U. 91338
Blefari-Melazzi, N. Study of statistical characteristics and queueing performance of MPEG1 and MPEG2 video sources 77288
Blefari-Melazzi, N. *see* Baiocchi, A. 119125
Bleich, N. *see* Pratt, H. 70145
Bleichenbacher, D. Generating El Gamal signatures without knowing the secret key 76817
Bleichner, H., Jonsson, P., Keskitalo, N., Nordlander, E. Temperature and injection dependence of the Shockley-Read-Hall lifetime in electron irradiated n-type silicon 83812
Bleier, A.R. *see* Carol, M. 70199
Bleijs, J.A.M., Chung, A.W.K., Ruddell, A.J. Power smoothing and performance improvement of wind turbine with variable speed operation 102586
Bleijs, J.A.M. *see* Chung, A.W.K. 102532
Bleijs, J.A.M. *see* Dutton, A.G. 102552
Bleikolm, A.F. *see* Phillips, R.W. 116180
Bleile, T., Boucher, P., Dumur, D. Delta-operator generalized predictive cascade control 81418
Bleimann, K.R. *see* Kuhner, D. 91973
Bleise, Ch. *see* Achenbach, E. 81858
Blencowe, M.P. Exploring disordered quantum wires with non-equilibrium acoustic phonons 62847
Blennemann, H., Yao-Chao Yang, Nikel, R. Off-chip 400 Mbps signal transmission: noise reduction using non-resonant lengths and other techniques 60655
Blennow, J.H.M., Stalhandske, N.J., Vlastos, A.E. Attenuation and distortion of PD pulses propagated in a stator winding model detected by stator slot couplers 102649
Blerk, D.B.Van *see* Van Blerk, D.B.
Blerkom, D.A.Van *see* Van Blerkom, D.A.
Bleser, E.J. *see* Blaskiewicz, M. 79926
Bleser, E.J. *see* Tanaka, M. 100723
Bleses, J.P. *see* Guimbal, P. 96547
Blessing, G.V. *see* Hsu, N.N. 111372
Blessing, G.V. *see* Xiang, D. 111366
Bleszynski, E., Bleszynski, M., Jaroszewicz, T. AIM: adaptive integral method for solving large-

scale electromagnetic scattering and radiation problems 116854
Bleszynski, M. *see* Bleszynski, E. 116854
Bleuler, H. *see* Mizuno, T. 102629
Bleuse, J. *see* Bonnet-Gamard, J. 75952
Bleuse, J. *see* Hadji, E. 64981
Bleuse, J. *see* Hadji, E. 65176
Bleuse, J. *see* Ulmer-Tuffigo, H. 76079
Blewett, G.R. *see* Keele, B.D. 101037
Blewett, I.J., Gallaher, N.R., Kar, A.K., Wherrett, B.S. Photon-recycling and optically driven plasma-expansion techniques applied to lifetime experiments on molecular-beam-epitaxy ZnSe 65276
Blewett, M.J. *see* Van der Zel, V.M. 70408
Bleyer, A. *see* Bradley, D.D.C. 106944
Bleyer, A. *see* O'Brien, D. 75698
Bleyer, A. *see* Weaver, M.S. 85257
Bleyl, J.W. *see* Hanitsch, R. 91328
Blick, R.H., Haug, R.J., von Klitzing, K., Eberl, K. Photon-assisted tunneling through a double quantum dot 105408
Blick, R.H. *see* Haug, R.J. 62873
Blick, R.H. *see* Lutjering, G. 105420
Blick, R.H. *see* Smet, J.H. 105235
Blicq, R. Researching the value added by teaching in-house technical communication courses 112783
Blicq, R. *see* Warren, T. 112820
Blidberg, D.R. *see* Meyrowitz, A.L. 103100
Blidberg, D.R. *see* Turner, R.M. 90834
Blidberg, I. *see* Asplund, G. 91121
Blieck, S. *see* Van Langevelde, R. 95211
Blight, D.C. Heterogeneous wormhole routing algorithms 77781
Blignaut, C.G., Dingley, C. A comparison of ABC and underground cable for LV mains in urban electrification projects 102088
Blimberg, D. *see* Ledentsov, N.N. 107223
Blin, J. *see* Sibomana, M. 101243
Blinc, R. *see* Pirs, J. 75612
Blinchikoff, H.J. Range sidelobe reduction for the quadriphase codes 68543
Blind, K. *see* Francke, H.-H. 108999
Blineau, J. EUREKA ADTT project presents its end results at IBC '96 119436
Blinkov, I.V., Orekhov, I.E. Modification (metallizing) of dispersed carbides and oxides in the pulsed plasma of a condenser discharge 113534
Blinne, G., Mair, H.J. Constructional plastics for electrotechnology 61454
Blinov, A.V., Selivanov, E.P. Progress in impedance plethysmography for measuring arterial blood pressure 80403
Blinov, B.B. *see* Caussyn, D.D. 119984
Blinov, B.B. *see* Crandell, D.A. 100780
Blinov, B.B. *see* Luppov, V.G. 120085
Blinov, B.B. *see* Phelps, R.A. 119990
Blinov, L. *see* Palto, S. 84689
Blinov, N.A. *see* Baldin, A.M. 90061
Blinov, Yu.I., Vasil'yev, A.S., Kachanov, B.Ya., Kogan, B.V. Currents and voltages in industrial power networks when supplying large vacuum tube generators 71930
Blinowska, K.J., Durka, P.J. The application of wavelet transform and matching pursuit to the time-varying EEG signals 80385
Blionas, S.V. *see* Metafas, D.E. 78539
Bliss, D.F. *see* Chauvet, M. 107606
Bliss, D.F. *see* Chauvet, M. 116652
Bliss, D.F. *see* Iseler, G. 92680
Bliss, D.F. *see* Si, W. 105148
Bliss, D.F. *see* Stadler, B.J. 105144
Bliss, D.F. *see* Zou, Y.F. 92677
Bliss, E.S., Feldman, M., Murray, J.E., Vann, C.S. Laser chain alignment with low power local light sources 96581
Bliss, E.S. *see* Salmon, J.T. 85552
Bliss, J. *see* Jenkins, D. 111854
Bliss, M., Brodzinski, R.L., Craig, R.A., Geelhood, B.D., Knopf, M.A., Miley, H.S., Perkins, R.W., Reeder, P.L., Sunberg, D.S., Warner, R.A., Wogman, N.A. Glass-fiber-based neutron detectors for high- and low-flux environments 79995
Bliss, M., Craig, R.A. Large-area fiber-optic chemical sensors 79453
Bliss, M., Craig, R.A. A variety of neutron sensors based on scintillating glass waveguides 79998
Bliss, W.G. Performance of maximum likelihood detectors in partial erasure 115812
Bliss, W.G. *see* Tuttle, G.T. 75262
Blistanov, A.A. *see* Sorokin, N.G. 106316
Blixt, P., Babic, D.I., Margalit, N.M., Reynolds, T.E., Bowers, J.E. 1-Gbit/s, single-mode operation of vertical cavity lasers emitting at 1.54 μm 65364
Blixt, P. *see* Bowers, J.E. 109606
Blizard, K. *see* Jayaraj, K. 94053
Bloch, D., Dracos, M., Tzamarias, S. Noise simulation and rejection for the DELPHI Barrel Ring Imaging Cherenkov detector 69734
Bloch, D. *see* Adam, W. 69709
Bloch, D. *see* Liu, Z.D. 116614
Bloch, D. *see* Loe Mie, R. 96272
Bloch, D.A. *see* Korolev, A.E. 96819
Bloch, F. Sequential formation of coalitions in games with externalities and fixed payoff division 82396
Bloch, I. Some aspects of Dempster-Shafer evidence theory for classification of multi-modality medical images taking partial volume effect into account 90407
Bloch, I. *see* Geraud, T. 101242
Bloch, I. *see* Verdonck, B. 80314
Bloch, J., Mihaychuk, J.G., Van Driel, H.M. Electron photoinjection from silicon to ultrathin SiO_2 films via ambient oxygen 94613
Bloch, J., Thierry-Mieg, V., Planel, R., Sermage, B., Long, S., Abram, I. Nonguiding semiconductor microcavity: exciton-photon mode splitting and photoluminescence dynamics 65308
Bloch, J. *see* Mihaychuk, J. 114833
Bloch, J. *see* Pepin, A. 83916
Bloch, K., Jones, T. Access infrastructure for data services 67654
Bloch, N. *see* Birk, Y. 78088
Blochwitz, T. *see* Schroth, A. 106276
Block, D. *see* Likforman, J.-P. 105317
Block, D.R. Advanced networks=information, education, economic development, social development 87530
Block, L.W. *see* McKee, W.R. 93387
Block, M. *see* Kanold, P. 99756
Block, M. *see* Selinger, Th. 68892
Block, T. *see* Cowles, J. 63613
Block, T. *see* Lai, R. 104878
Block, T. *see* Tran, L. 93938
Block, T. *see* Wojtowicz, M. 105905
Block, T.R., Wojtowicz, M., Cowles, J., Tran, L., Oki, A.K., Streit, D.C. Molecular beam epitaxy growth and characterization of InGaAlAs-collector heterojunction bipolar transistors with 140 GHz f_{max} and 20 V breakdown 84345
Block, T.R. *see* Huei Wang 114320
Block, T.R. *see* Kobayashi, K.W. 62322
Block, T.R. *see* Kobayashi, K.W. 62351
Block, T.R. *see* Kobayashi, K.W. 93863
Block, T.R. *see* Kobayashi, K.W. 104880
Block, T.R. *see* Streit, D.C. 84344
Block, W. *see* Drusedau, T.P. 92798
Bloehs, W. *see* Hugel, H. 116793
Bloemec, M.J. *see* Scalora, M. 105842
Bloemen, A.H.A. *see* Meeuwissen, H.B. 66463
Bloemer, M.J., Haus, J.W. Broadband waveguide polarizers based on the anisotropic optical constants of nanocomposite films 75566
Bloemhof, E.E., Rieke, G.H. IRIS: a high-resolution mid-infrared spectrometer for the upgraded 6.5 meter Multiple Mirror Telescope 69255
Bloess, D. Sputter-coated superconducting RF cavities for LEP: a technological challenge 100446
Bloess, D. *see* Tuckmantel, J. 100498
Blofield, D. Stencil cleaning: the semi-aqueous solution 94041
Blok, H. *see* van Stralen, M.J.N. 95809
Blok, H. *see* Visser, T.D. 64754
Blok, H. *see* Visser, T.D. 96197
Blok, K., Farla, J. The continuing story of CHP in the Netherlands 91311
Blokh, D.A. *see* Arapov, D.A. 107620
Bloks, R.H.J. The IEEE-1394 high speed serial bus 98861
Blom, C. *see* Swart, P.L. 110373
Blom, F.A.P. *see* van Haren, R.J.F. 105256
Blom, I., Melber, B., Durbin, N. Evaluation of quality systems [nuclear power plants] 81213
Blom, J., Bol, R., Kempe, L. Automatic detection of feature interactions in temporal logic 67697
Blom, J.A. *see* Smans, J. 90529
Blom, P.P.M. *see* van Heesch, E.J.M. 81069
Blom, P.W.M., de Jong, M.J.M., Vleggaar, J.J.M. Electron and hole transport in poly(p-phenylene vinylene) devices 75380
Blom, P.W.M. *see* Cillessen, J.F.M. 92864
Blom, P.W.M. *see* Grosse-Holz, K.-O. 74285
Blom, P.W.M. *see* Wolf, R.M. 95302
Blomenhofer, E.T., Hein, G.W. Precise DGPS navigation using carrier phase corrections 79047
Blomenhofer, H., Hein, G.W. Calibrating the TOPEX/POSEIDON radar altimeter using DGPS in buoys 79064
Blomfield, C.J., Dharmadasa, I.M., Prior, K.A., Cavenett, B.C. Discrete Schottky barriers observed for the metal/n-ZnSe(100) system 74464
Blomgren, J. *see* Jacobsen, E.R. 69762
Blomgren, J. *see* Ringbom, A. 69874
Blomgren, J. *see* Ringbom, A. 80134
Blommaert, F.J.J. *see* Nijenhuis, M.R.M. 117747
Blomquist, G. *see* Bruckbauer, T. 90431
Blomstergren, S. *see* Kandiyoor, S. 99251
Blonda, P., Bennardo, A., Satalino, G., Pasquariello, G., De Blasi, R., Milella, D. Fuzzy neural network based segmentation of multispectral magnetic resonance brain images 110766
Blonde, L., Buck, M., Galli, R., Niem, W., Paker, Y., Schmidt, W., Thomas, G. A virtual studio for live broadcasting: the Mona Lisa project 79151
Blondeau, R. *see* Bibey, M.B. 96296
Blondeau, R. *see* Goutain, E. 65214
Blondeau, R. *see* Goutain, E. 107281
Blondeau, R. *see* Joergensen, C. 99458
Blondeau, R. *see* Ratovelomanana, F. 78778
Blondeau, R. *see* Vodjdani, N. 68419
Blondel, A. *see* Assmann, R. 79970
Blondel, A. *see* Doudin, B. 75187
Blondel, J. *see* Karpov, A. 62297
Blondel, J. *see* Karpov, A. 79096
Blondel, J.-P. *see* Saint-Dizier, E. 88594
Blondel, M. *see* Deparis, O. 85023
Blondel, M. *see* Deparis, O. 106813
Blondel, M. *see* Froidure, J.-C. 68909
Blondel, M. *see* Froidure, J.-C. 78834
Blondel, M. *see* Megret, P. 78829
Blondel, M. *see* Meuleman, L. 68452
Blondel, M. *see* Wang, X. 96358
Blondelle, J. *see* Vanwassenhove, L. 96046
Blondia, C., Casals, O. Traffic profiles in ATM networks 77708
Blondin, J.-P., Duc-Hai Nguyen, Sbeghen, J., Goulet, D., Cardinal, C., Sarma Maruvada, P., Plante, M., Bailey, W.H. Human perception of electric fields and ion currents associated with high-voltage DC transmission lines 90624
Blondy, J.M., Pagnoux, D., Rioublanc, J., Roy, P., Facq, P., Clapeau, M. Fast and accurate measurement of the mode field radius using the autocorrelation function of the far-field 64705
Blondy, J.M. *see* Katcharov, N. 64709
Blondy, P., Madrangeas, V., Cros, D., Guillon, P. Mode coupling prediction in whispering gallery dielectric resonators modes 62197
Blondy, P. *see* Krupka, J. 95386
Blood, P., Rees, P., Cooper, C., Smowton, P. Critical issues in laser diode calculations 96351
Blood, P., Smowton, P., Foulger, D. Carrier distributions and leakage in (AlGa)InP visible emitting lasers 96248
Blood, P. *see* Cooper, C. 116538
Blood, P. *see* Shore, K.A. 85722
Bloom, C. LZP: a new data compression algorithm 86088
Bloom, C. New techniques in context modeling and arithmetic encoding 86089
Bloom, D.M. *see* Hou, A.S. 106114
Bloom, E. *see* Fieguth, T. 100708
Bloom, T. Molded aluminum nitride packages 82217
Bloomberg, D.S. Textured reductions for document image analysis 66884
Bloomberg, D.S., Chen, F.R. Extraction of text-related features for condensing image documents 66883
Bloomer, I. *see* Forouhi, A.R. 83873
Bloomer, I. *see* Forouhi, A.R. 119797
Bloomer, I. *see* Forouhi, R. 84116
Bloomfield, J. *see* Messner, R.A. 86719
Bloomfield, P.M., Rajeswaran, S., Spinks, T.J., Myers, R., Jones, T. 3D performance of a small diameter positron emission tomograph for scanning small animals 101339
Bloomsbrug, C.D. *see* Mathur, V.K. 110979
Bloomstein, T.M., Palmacci, S.T., Mathews, R.H., Nassuphis, N., Ehrlich, D.J. Advances in laser direct writing 115114
Bloor, D., Cross, G.H. Problems and progress en route to organic non-linear optical devices 76242
Bloor, D., Cross, G.H., Healy, D., Szablewski, M., Thomas, P.R. High dipole, high β molecules for thin film non-linear optics 85582
Bloor, D. *see* Cross, G.H. 76252
Bloss, P., Steffen, M., Schafer, H., Eberle, G., Eisenmenger, W. Polarization and electric field distribution in thermally poled PVDF and FEP 84672
Bloss, W.L. *see* Singh, A. 69167
Blosser, T. *see* York, R.C. 79810
Blostein, S.D., Yong Liu A change-detection approach to monitoring fading channel bandwidth 68095
Blostein, S.D. *see* Earnshaw, A.M. 117558
Blot, J.P. *see* Diouris, J.F. 68124
Blot, J.P. *see* Le Gouguec, T. 66142
Blot, J.P. *see* Sheta, A.F. 83320
Blot, J.P. *see* Tarot, A.C. 66029
Blotter, J.D., West, R.L. Identification of energy sources and sinks in plates by means of a scanning laser Doppler vibrometer 69515
Blough, D. *see* Najand, S. 98017
Blough, D.M. Performance evaluation of a reconfiguration-algorithm for memory arrays containing clustered faults 82341
Blough, D.M. *see* de Azevedo, M.M. 77768
Blough, D.M. *see* Ohm, S.Y. 73184
Blouke, M. *see* Pawley, J. 110199
Blouke, M.M., Dosluoglu, T., German, R., Elliott, S.T., Janesick, J.R., Reed, R., Stover, R. The S1002A: A three side buttable 2048×4096 CCD image sensor 100119
Blount, B.T. Low-cost integrated solutions for analog cellular RF blocks 99144
Blouvac, J., Le Roy, I., Carbonne, D. Simulation software for performance analysis of an active antenna SAR 68700
Blow, K.J. *see* Manning, R.J. 96622
Blow, K.J. *see* Poustie, A.J. 75648
Blow, K.J. *see* Smith, N.J. 65458
Blowey, J.F., Copetti, M.I.M., Elliott, C.M. Numerical analysis of a model for phase separation of a multicomponent alloy 61120
Blowey, J.F. *see* Barrett, J.W. 61127
Bloyet, D. *see* Antoine, M.J. 90450
Bloyet, D. *see* Hubert, O. 95491
Bloyet, D. *see* Mechin, L. 100014
Bloyet, D. *see* Revenu, M. 69994
Bluckert, A. *see* Hok, B. 90320
Blue, C.T., Hicks, J.C., Park, S.-E., Yoshikawa, S., Cross, L.E. In situ X-ray diffraction study of the antiferroelectric-ferroelectric phase transition in PLSnZT 64091
Blue, R., Stewart, G. Fibre-optic evanescent wave pH sensing with dye doped sol-gel films 69562

Blue, T.E. *see* Woollard, J.E. 90573
Bluem, H.P. *see* Schmenk, E.G. 89919
Bluet, J.M. *see* Anikin, M.M. 103817
Bluet, J.M. *see* Camassel, J. 104051
Bluet, J.M. *see* Syrkin, A.L. 103995
Bluet, J.M. *see* Zekentes, K. 113319
Bluethner, K., Goetz, M., Krech, W., Muehlig, H., Wagner, T., Fuchs, H.J., Schelle, D., Fritzsch, L., Nachtmann, B., Nowack, A. Fabrication and characterization of single-electron transistors based on Al/AlO$_x$/Al and Nb/AlO$_x$/Nb tunnel junctions 95083
Bluhm, H.J. *see* Baumung, K. 110480
Blum, A. *see* Rang, T. 94591
Blum, D., Kucharzyk, U. Train communication network 77844
Blum, E. *see* Murphy, J.B. 79881
Blum, E.B. A proposed NSLS X-ray ring upgrade using B factory technology 79879
Blum, E.B. *see* Rothman, J.L. 100533
Blum, E.K. *see* Wang, X. 77923
Blum, H. Internet connection for Web access: an example for performance modeling and simulation 72102
Blum, K. *see* Richter, H.H. 63325
Blum, L., Drenckhahn, W., Greiner, H., Ivers-Tiffee, E. Multi-kW-SOFC development at Siemens 81764
Blum, M. *see* Choudhury, A. 92658
Blum, O., Geib, K.M., Hafich, M.J., Klem, J.F., Ashby, C.I.H. Wet thermal oxidation of AlAsSb lattice matched to InP for optoelectronic applications 74575
Blum, O., Lear, K.L., Hou, H.Q., Warren, M.E. Buried refractive microlenses formed by selective oxidation of AlGaAs 85520
Blum, O. *see* Carson, R.F. 68411
Blum, O. *see* Howard, A.J. 79687
Blum, R.S. Locally optimum distributed detection of correlated random signals based on ranks 66666
Blum, R.S. Necessary conditions for optimum distributed sensor detectors under the Neyman-Pearson criterion 66668
Blum, R.S. Distributed reception of fading signals in noise 68037
Blum, R.S., Melvin, W.L., Wicks, M.C. An analysis of adaptive DPCA 109725
Blum, R.S. *see* Deans, M.C. 66652
Blum, T. *see* Schade, K. 92895
Blum, W., Kroha, H., Widmann, P. A novel laser-alignment system for tracking detectors using transparent silicon strip sensors 80038
Blum, W., Kroha, H., Widmann, P. A novel laser alignment system for tracking detectors using transparent silicon strip sensors 100844
Blum, W., Kroha, H., Widmann, P. Transparent silicon strip sensors for the optical alignment of particle detector systems 110148
Blume, A. Neighborhood stability in sender-receiver games 82390
Blume, C. *see* Peitzmann, T. 100814
Blume, D., Goke, T., Hantschel, J., Paetzold, J., Wellssow, W.H. Optimisation of use of capacitor stores in an expanded 35 kV cable network 70867
Blume, D., Handschin, E., Schlabbach, J. Assessment of voltage quality in electric energy systems 102329
Blume, H. Vector based nonlinear upconversion applying center weighted medians 77357
Blume, H., Roehrig, H., Ji, T.-L. High-resolution high-brightness CRT display systems: update on the state of the art 89287
Blume, H., Schwoerer, L., Zygis, K. Subband based upconversion using complementary median filters 67119
Blume, O. *see* Sander, D. 95708
Blume, R. *see* Hongching Shan 63334
Blume, S. Spherical-multipole analysis of electromagnetic and acoustical scattering by a semi-infinite elliptic cone 76395
Blumel, W., Nagel, U. Utilization of production residue in an industrial power station 81316
Blumelhuber, F. *see* Beneder, M. 112631
Blumenthal, D. *see* Han, S. 88584
Blumenthal, D.J., Shell, M., Gao, Q., Vaughn, M.D., Wang, A., Rigole, P.-J., Nilsson, S. Experimental demonstration of an all-optical routing node for multihop wavelength routed networks 78697
Blumenthal, D.J. *see* Kothari, N.C. 116480
Blumenthal, D.J. *see* Shell, M. 109661
Blumenthal, D.J. *see* Vaughn, M.D. 78781
Blumenthal, W.R., Zhu, Y.T., Lowe, T.C., Asaro, R.J. Deformation state effects on the J_c of BSCCO tapes 75305
Blumin, M. *see* Batovrin, V.K. 64966
Bluml, S., Schad, L.R., Scharf, J., Wenz, F., Knopp, M.V., Lorenz, W.J. A comparison of magnetization prepared 3D gradient-echo (MP-RAGE) sequences for imaging of intracranial lesions 80284
Blums, J. *see* Medvid', A. 84093
Blundell, R. *see* Kawamura, J. 115972
Blundell, R. *see* Padin, S. 73782
Blundell, R. *see* Padman, R. 68799
Blundell, R. *see* Tong, C.-Y.E. 109847
Blundell, S.J. *see* Bland, A.C. 75204
Blundo, C., Cresti, A. Broadcast encryption schemes with disenrollment capability 108158
Blundo, C., Cresti, A., De Santis, A., Vaccaro, U. Fully dynamic secret sharing schemes 117220
Blundo, C., Frota Mattos, L.A., Stinson, D.R. Trade-offs between communication and storage in unconditionally secure schemes for broadcast encryption and interactive key distribution 97512
Blundo, C., Frota Mattos, L.A., Stinson, D.R. Multiple key distribution maintaining user anonymity via broadcast channels 108142
Blundo, C. *see* Ateniese, G. 117193
Blurton, C., McGee, S. Mission to Planet Earth online Earth Systems Science course 103340
Bluthner, K. *see* Schambach, J. 95508
Bly, B.M. *see* Siewert, B. 120339
Blyakhman, Y., Polushkin, N.I., Akhsakhalyan, A.D., Gusev, S.A., Salashchenko, N.N., Semenov, V.G. Magnetic ordering in clustered Fe-based materials synthesized from laser plasma 64240
Blyth, D.S. Web page design for HTML (and friends) 118408
Blyth, J. *see* Millington, R.B. 119750
Blyth, T. *see* Van Tran, H. 73587
Blythe, H.J., Fedosyuk, V.M. Thermoremanence and zero-field-cooled susceptibility measurements of electrodeposited granular CuCo alloys 106549
Blythe, H.J. *see* Williams, J.M. 106550
Bo, G.M., Caviglia, D.D., Valle, M. A current mode CMOS multi-layer perceptron chip 62114
Bo, Z. *see* Moore, P.J. 102164
Bo, Z.Q., Aggarwal, R., Johns, A. A new measurement technique for power transformer fault 112033
Bo, Z.Q., Aggarwal, R.K., Johns, A.T., Moore, P.J. Non-unit protection of distribution feeder 102069
Bo, Z.Q. *see* Aggarwal, R.K. 70976
Bo, Z.Q. *see* Moore, P.J. 111661
Bo, Z.Q. *see* Zhang, B.H. 111659
Bo Ai *see* Ai Bo
Bo Chen *see* Chao, A. 89871
Bo Deng *see* Xuc Mei Li 80183
Bo Hu *see* Wenjun Zhang 74122
Bo Hu *see* Hu Bo
Bo Jiang *see* Jiang Bo
Bo Lan *see* Lu Fan 68217
Bo Li, Ganz, A., Krishna, C.M. A novel transmission coordination scheme for single hop lightwave networks 78953
Bo Li *see* Li Bo
Bo Liu, Hu, S.B., Soo, K.T., Wang, J.P., Ng, S.H., Lee, C.S. Contamination build-up on ABS and its effects on read/write performance of near-contact recording systems 115790
Bo Liu, Liren Liu, Guoqiang Li An optical multiplication based on a quadratic residue number system 64854
Bo Liu *see* Sheng-Bin Hu 115784
Bo Liu *see* Xue Mei Li 80183
Bo Liu *see* Liu Bo
Bo Lu, Yin-Chen Lu, Cheng, J., Schneider, R.P., Zolper, J.C., Goncher, G. Gigabit-per-second cryogenic optical link using optimized low-temperature AlGaAs-GaAs vertical-cavity surface-emitting lasers 96284
Bo Lu *see* Ortiz, G.G. 107287
Bo Pan *see* Xueyuan Zhang 118167
Bo Pi *see* Turner, T.O. 101019
Bo Seob Kwon *see* Jin Kyu Choe 109289
Bo Shen, Sethi, I.K. Direct feature extraction from compressed images 66926
Bo Shen *see* Byrne, J. 81201
Bo Sim Soo *see* Soo Bo Sim
Bo Wan, Jinian Bian VHdbx: an X window system based high-level debugger for the VHDL simulation environment 82839
Bo Wan *see* Wan Bo
Bo Wu, Qiang Wang A multiobjective analytic framework for slotted ALOHA wireless LANs 67848
Bo Wu, Qiang Wang New suboptimal multiuser detectors for synchronous CDMA systems 87381
Bo Wu, Qiang Wang Performance analysis of a multimedia CDMA network with coding and power control 118642
Bo Wu *see* Wu Bo
Bo Xu *see* Xu Bo
Bo Ye, Zengyu Zheng, Jun Hu, Wei Li Testability design with multiple scan chains 82828
Bo Ye, Zengyu Zheng, Jun Hu, Wei Li Testability design for sequential circuit with multiple feedback 83056
Bo Yin *see* Yin Bo
Bo Young Lee *see* Sung Jun Park 76762
Bo Zhang *see* Jian-Hong Zhu 94551
Bo Zhang *see* Zhang Bo
Bo Zhiqian Transient based protection–a new generation of power system protection 70973
Bo-Eun Kim, Cheol-Woo Kim, Sang-Chan Han, Hoon-Soo Park, Soo-Won Kim CMOS smart power IC with new power LDMOSFET for motor drivers 61648
Bo-Eun Kim, Min-Su Jeong, Dong-Myung Cho, Je-Kook Kim, Jae-Shin Lee, Suk-Ki Kim, Soo-Won Kim 0.8 μm CMOS analog front-end processor for 4× speed CD-ROM 104724
Bo-Ping Hu, Hong-Shuo Li, Bao-Gen Shen, Suharyana, Fang-Wei Wang, Cadogan, J.M., Wen-Shan Zhan A ^{57}Fe Mossbauer study of $Gd_2Fe_{17-x}Ga_xC_2$ (x=0-6) 75087
Bo-Ping Hu *see* Jifan Hu 75147
Bo-Rong Shi, Cue, N., Tian-Bing Xu, Au, S. MeV P ion implantation damage and rapid thermal annealing effects in Fe-doped InP using Raman scattering 105548
Bo-Rong Shi *see* Ke-Ming Wang 85038
Boag, A., Boag, A., Michielssen, E., Raj Mittra Design of electrically loaded wire antennas using genetic algorithms 66013
Boag, A. *see* Boag, A. 66013
Boag, A. *see* Michielssen, E. 97013
Boag, A. *see* Michielssen, E. 107858
Boag, J.W., Hochhauser, E., Balk, O.A. The effect of free-electron collection on the recombination correction to ionization measurements of pulsed radiation 70278
Boahen, K. Retinomorphic vision systems 69323
Boahen, K.A. A retinomorphic vision system 117532
Boahen, K.A. *see* Andreou, A.G. 63956
Boak, D., Heier, M., Steinmann, P. Any way you splice it [optical cable fusion splicers] 109668
Board, K. *see* Chen, X.B. 63514
Board, K. *see* Li, Z.M. 84382
Boarder, J. *see* Moore, P.D.R. 60543
Boardman, A.D., Xie, K. Magnetic control of optical spatial solitons in $\chi^{(2)}$ and $\chi^{(3)}$ media 65462
Boardman, A.D., Xie, K., Mehta, H., Nikitov, S.A. Microwave solitons in magnetic films 64488
Boardman, A.D. *see* Aliev, Yu.M. 64766
Boardman, A.D. *see* Boyle, J.W. 75153
Boardman, A.D. *see* McNiff, J. 69459
Boardman, A.D. *see* Shabat, M.M. 76174
Boardman, J. *see* Eakins, J.P. 66920
Boardman, J.T. *see* Clegg, B.T. 60504
Boarino, L. *see* Amato, G. 94253
Boarino, L. *see* Amato, G. 94296
Boas, D.A., Yodh, A.G., Schomacker, K.T., Nishioka, N.S. Diagnosis of burn depth in tissues using diffusing temporal correlation 120405
Boas, D.A. *see* Li, X.D. 100153
Boas, J.F., Huntley, R.B., Webb, D.V., Wise, K.N. Development of a megavoltage dosimetry calibration system based on graphite calorimetry 88903
Boashash, B., Sridharan, S., Chandran, V. The development of a new signal processing program at the Queensland University of Technology 60448
Boashash, B. *see* Bennamoun, M. 88789
Boashash, B. *see* Bennamoun, M. 109819
Boashash, B. *see* Ristic, B. 76983
Boatner, L.A. *see* Kim, Y. 113351
Boavida, F. *see* Monteiro, E. 118205
Boaz, K. *see* Subramanian, A.K. 76451
Bobbio, A., Montefusco, A., Tavella, P. A stochastic approach to the determination of calibration intervals 109974
Bobbio, S., Goodwin-Johansson, S., DuBois, T., Tranjan, F., Smith, S., Fair, R., Ball, C., Jacobson, J., Bartlett, C., Eleyan, N., Makki, H., Gupta, R. Integrated force array: Positioning drive applications 106287
Bobbio, S. *see* Goodwin-Johansson, S. 74981
Bobbio, S. *see* Koopman, N. 94055
Bobela, V.A. *see* Shusta, V.S. 106328
Bober, M., Kittler, J. On combining the Hough transform and multiresolution MRF's for the robust analysis of complex motion 86841
Bobey, K. *see* Vollmar, H.-P. 70520
Bobick, A.F. Video annotation: computers watching video 86636
Bobick, A.F. *see* Campbell, L.W. 117891
Bobis, J.P. *see* Razazian, K. 66742
Bobisut, F. *see* Autiero, D. 69815
Bobisut, F. *see* Autiero, D. 80006
Bobkov, A.F. *see* Suvorov, A.L. 104996
Bobozhanov, M.K. *see* Karimov, Kh.G. 102681
Bobrov, E. *see* Weggel, R.J. 96974
Bobrov, E.S. *see* Williams, J.E.C. 95531
Bobrova, O.A. *see* Karyakin, A.A. 119746
Bobrovsky, B.-Z. *see* Rennert, M. 77564
Bobrovsky, B.Z. *see* Hasson, J. 88398
Boby, J. *see* Hettstedt, H.-D. 99318
Bobyl', A.V., Suris, R.A., Fomin, N.V. Flicker noise of the magnetodependent component of the microwave power of a cavity with an epitaxial high-temperature superconducting film 115968
Bobylev, V.B., Burdakov, A.V., Lokonov, K.V. Electromagnetic gas valve with a flat Laval nozzle [for GOL-3 plasma heating device] 85812
Boca, G. *see* Arena, V. 90171
Bocarsly, A.B. *see* Byrd, H. 102971
Boccaccini, L.V. *see* Takagi, T. 64276
Boccara, A.C. *see* Ocariz, A. 104243
Bocchetta, C. *see* Moser, H.O. 79772
Bocchetta, C.J., Bulfone, D., Daclon, F., D'Auria, G., Fabris, A., Fabris, R., Ferianis, M., Giannini, M., Iazzourene, F., Karantzoulis, E., Massarotti, A., Nagaoka, R., Pangos, N., Richter, R., Rossi, C., Svandrlik, M., Tosi, L., Visintini, R., Walker, R.P., Wei, F., Wrulich, A. One and a half years of experience with the operation of the synchrotron light source ELETTRA 79809
Bocchetta, C.J. *see* D'Auria, G. 79875
Bocchetta, C.J. *see* Svandrlik, M. 100632
Bocchi, W.J. *see* Herd, J.S. 97357
Bocchi, W.J. *see* Thiem, C.D. 70570
Bocchiola, C. *see* Spiazzi, G. 112099
Bocci, M., Pitts, J.M., Cuthbert, L.G. Exploiting concurrency through knowledge of event propagation in cell rate ATM simulation 77572

Boccignone, G., De Santo, M., Leonetti, D. Evaluating the discretization of image diffusion equation 87072
Bocciolini, M. *see* Barbiellini, G. 69722
Bocek, D., Kung, P., Lihn, H.C., Settakorn, C., Wiedemann, H. Observation of SASE at 47 μm 96450
Bocelli, G. *see* Ceresara, L. 92907
Boch, P., Gaillard, L., lequeux, N. "The microwave effect" on the sintering of dielectric, low-permittivity ceramics 72961
Bocharov, P.P. A finite queue with a Markov input dependent on the state of the system and a random service discipline 82376
Boche, H. Generation of multisinusoid signals with low crest factor 100170
Boche, H., Nahler, A. Effects in the design of complex FIR filters 73557
Bocheck, P. *see* Paek, S. 119420
Bocher, P. *see* De Meyer, H. 72711
Bochez, K., Kaneko, M., Harashima, H. Fractal-like video coding with weighted summation 86548
Bochi, G. *see* Hug, H.J. 75170
Bochicchio, M.A. *see* Aloisio, G. 90960
Bochien Lin, Stanzeski, A.P., Matthewson, M.J. Modeling of extrinsic defects in silica fibers using Vickers indentation 84979
Bochinicek, Z. *see* Jergel, M. 94578
Bochkariov, A. *see* Golembo, V. 110123
Bochkaryova, E.I. *see* Ryvkind, V.L. 100100
Bochkov, A.V. *see* Barysheva, N.M. 116331
Bochkov, A.V. *see* Lukashin, G.M. 96117
Bochkov, V.V. *see* Prokof'eva, V.V. 64959
Bochkova, N.V. *see* Barysheva, N.M. 116331
Bochmann, G. *see* Kant, C. 98678
Bochmann, G.V. *see* Dini, P. 67672
Bochmann, G.V. *see* Kerherve, B. 118587
Bochmann, G.V. *see* Petrenko, A. 118103
Bochmann, G.von *see* von Bochmann, G.
Bochmann, M. Metal chalcogenide materials: chalcogenolato complexes as single-source precursors 92828
Bochnick, H. *see* Anheier, W. 83183
Bochove, A.C.van *see* van Bochove, A.C.
Bochove, E.J. A new rate equation description for lasers with output coupling, with application to semiconductor lasers having external injection, and conventional or phase-conjugate feedback 96366
Bochove, E.J. *see* Ongstad, A.P. 107307
Bock, A. *see* Dieckmann, N. 75353
Bock, G. *see* Matthes, M. 73773
Bock, G. *see* Stiebler, W. 95051
Bock, H.G. *see* Phu, H.X. 81345
Bock, H.H. *see* Cramer, E. 92437
Bock, J., Franosch, M., Schafer, H., von Philipsborn, H., Popp, J. In-situ doped emitter-polysilicon for 0.5 μm silicon bipolar technology 84566
Bock, J., Popp, J., Felder, A., Meister, T.F., Rest, M., Schreiter, R., Aufinger, K., Kopl, R., Boguth, S., Treitinger, L. A 0.6μm Si bipolar technology with 17 ps CML gate delay and 30 GHz static frequency divider 84565
Bock, J. *see* Aufinger, K. 84327
Bock, J. *see* Aufinger, K. 105895
Bock, J. *see* Bromberg, L. 95551
Bock, J. *see* Elschner, S. 91232
Bock, J. *see* Elschner, S. 95396
Bock, J. *see* Felder, A. 68479
Bock, J. *see* Felder, A. 99526
Bock, J. *see* Treitinger, L. 73798
Bock, J.C. *see* Knollmann, F.D. 80350
Bock, J.P. *see* Vinsard, G. 111937
Bock, K. *see* Russ, C. 115221
Bock, K.-H. *see* Brandt, M. 115118
Bock, K.H. *see* Schussler, M. 113047
Bock, M. *see* Essig, M. 80279
Bock, N.E. Reset noise at low temperatures 94985
Bock, R. *see* Hofmann, I. 69647
Bock, W. *see* Dorofeev, A. 94292
Bock, W.J., Urbanczyk, W., Barwicz, A. Performance analysis of fiber-optic transducer for measuring low pressures 69217
Bock, W.J., Urbanczyk, W., Fontaine, M. Characterization of highly birefringent optical fibers using interferometric techniques 106809
Bock, W.J. *see* Dabrowski, R. 100391
Bock, W.J. *see* Wolinski, T.R. 110193
Bock, Y. *see* Bevis, M. 76419
Bockarjova, V. *see* Krisans, Z. 120962
Bockenkruger, R., Brakelmann, H. Reductions in stressability of 110 kV gas pressure cables by stretch cushions 81087
Bocker, P. Standard-bearers [telecommunication] 108893
Bocking, S. *see* Pande, P.C. 72856
Bockmair, M. RFID systems for airport applications 78379
Bockmann, C. Curve fitting and identification of physical spectra 72583
Bocko, P.L. *see* Lapp, J.C. 89448
Bockowski, M. *see* Gassmann, A. 103838
Bockris, J.O.'M. *see* Lin, G.H. 91750
Bockstal, L.Van *see* Van Bockstal, L.
Bockstein, I., Firneis, F. An invertible approximation of MacAdam's formulas for uniform color coordinates within the domain of the NTSC color triangle 108632
Bocquet, B., Allal, D., Leroy, Y. Correlation temperature of lossy coplanar lines 69034
Bocquet, B. *see* Lasri, T. 119858
Bocquet, R., Tretyakov, Yu.M., Krupnov, F.A., Poteau, L., Boulgne, O. Frequency measurements of CF$_2$CHF and SO$_2$ laser lines and a new far infrared laser line of HDCO 75800
Boda, M. *see* Biro, J. 103703
Bodade, S.V. *see* Moharil, S.V. 85263
Bodak, S. *see* Mehdi, N. 70154
Bodammer, G., Gourlay, J., Vass, D.G., Hossack, W.J. Scanning probe microscope study of obliquely evaporated SiO$_x$ and its indium-tin-oxide underlayer for the alignment of ferroelectric liquid crystals 106880
Bodart, J.M. *see* Michel, C. 90490
Bode, C., Masan, G., Tonshoff, H.K. Efficient measuring planning [for quality assurance] 113005
Bode, G. *see* Tobin, R.C. 116381
Bode, M. *see* Golla, D. 96199
Bode, M.H. *see* Gabor, A.M. 92938
Bodea, O. *see* Roman, C. 69036
Bodeep, G.E. *see* Lu, X. 78790
Bodeep, G.E. *see* Woodward, S.L. 78851
Bodeep, G.E. *see* Woodward, S.L. 99575
Bodei, G. *see* Agosteo, S. 90649
Bodemann, A., Kaiser, N., Kozlowski, M., Pierce, E., Stolz, C. Comparison between 355 nm and 1064 nm damage of high grade dielectric mirror coatings 107463
Bodemann, A., Kaiser, N., Raupach, L., Weissbrodt, P., Hacker, E. 248 nm laser interaction studies on MgF$_2$/LaF$_3$ optical coatings by mass spectroscopy and X-ray photoelectron spectroscopy 107464
Boden, A.F., Redding, D.C., Hanisch, R.J., Mo, J. Massively parallel spatially variant maximum-likelihood restoration of Hubble Space Telescope imagery 98027
Boden, K. *see* Butz, R. 92689
Boden, T. *see* Shi-Qing Wang 84218
Bodenhamer, G., Fowler, T. Differentiating between NEMA- and IEC-style products 91446
Bodenheimer, J.S. *see* Babchenko, A. 89037
Bodenmann, R., Schroll, H.J. Compact difference methods applied to initial-boundary value problems for mixed systems 61068
Bodere, A. *see* Hornung, V. 96062
Bodere, A. *see* Rodrigues, V. 68371
Bodet, J.M., Broussely, M., Firmin, J.L., Jumel, Y., Planchat, J.P., Even, R., Thomas, R.N., Knight, J., Stacey, J., Keily, T., Wilson, R.D. Li-ion cells and batteries for radiocommunications applications 112215
Bodger, P.S., Irwin, G.D., Woodford, D.A., Gole, A.M. Bifurcation route to chaos for a ferroresonant circuit using an electromagnetic transients program 70645
Bodini, A. *see* Bertoluzza, C. 113147
Bodmer, G. *see* Salathe, R.P. 100064
Bodnar, S. *see* Boucaud, P. 94442
Bodnar, S. *see* Mamor, M. 115137
Bodnar, S. *see* Regolini, J.L. 104029
Bodnar, Z. *see* Frigyes, I. 85858
Bodnaruk, O.A., Vertii, A.A., Ivanchenko, I.V., Popenko, N.A., Tarapov, S.I., Gorbatyuk, I.N., Rarenko, I.M. Comprehensive study of narrow-gap p-type Mn$_x$Hg$_{1-x}$Te semiconductors 94445
Bodoh, D. *see* Garyet, T. 95142
Bodoni, M.Lobetti *see* Lobetti Bodoni, M.
Bodrov, L.S. *see* Ol'khovskii, G.G. 102466
Bodrov, V.V. Electrodynamic characteristics of equal-area circular and square waveguides and apertures 93666
Bodson, M. Trends in electronics for electric motor control 121418
Bodson, M. *see* Sacks, A.H. 64407
Bodtker, E. *see* Olofsson, L. 88454
Body, C., Reyne, G., Meunier, G. Non linear finite element modelling of magneto-mechanical phenomenon in giant magnetostrictive thin films 95337
Body, C., Reyne, G., Meunier, G. Application of magnetostrictive thin films for microdevices 106636
Boebinger, G.S., Muller, G., Mathur, H., Pfeiffer, L.N., West, K.W. Stable orbit bifurcations in a quantum well in a tilted magnetic field 105423
Boeck, J.De *see* De Boeck, J.
Boeck, R. *see* Steimer, P. 91663
Boeck, T. *see* Rudolph, P. 61156
Boeckstiegel, C. *see* Schmidt, K.H. 69627
Boegner, M., Buschhorn, G., Kotthaus, R., Oberhuber, R., Rzepka, M., Schmidt, K.H. X-ray polarimetry–a novel application of CCDs 110625
Boehler, R. *see* Meyer, R. 74404
Boehm, G. *see* Leitenstorfer, A. 62762
Boehme, T. *see* Thielsch, R. 83829
Boehmer, E. *see* Kubon, M. 103022
Boehmer, N.A. Vegetation indices for Landsat images 80610
Boehning, D.E. *see* Vogt, M.W.P.E. 70887
Boehnke, K. *see* Wismann, V.R. 111286
Boehnlein, D. *see* Johnstone, C. 79799
Boellaard, R. *see* Essers, M. 70218
Boemo, E.I., Lopez-Buedo, S., Meneses, J.M. The wave pipeline effect on LUT-based FPGA architectures 61788
Boenick, U. *see* Mesecke-von Rheinbaben, I. 80433
Boenig, H.J., Ferner, J.A., Bogdan, F., Rumrill, R.S., Morris, G.C. Design and operation of a 40-MW, highly stabilized power supply 112116
Boenig, H.J. *see* Campbell, L.J. 96970
Boer, A.C.Fey-den *see* Fey-den Boer, A.C.
Boer, C.de *see* de Boer, C.
Boer, F.R.De *see* De Boer, F.R.
Boer, F.W.N.de *see* de Boer, F.W.N.
Boer, J.C.J.de *see* de Boer, J.C.J.
Boer, M.A.de *see* de Boer, M.A.
Boer, M.de *see* de Boer, M.
Boer, M.P.De *see* De Boer, M.P.
Boer, W.B.De *see* De Boer, W.B.
Boer, W.Den *see* Den Boer, W.
Boer-Rookhuizen, H. *see* Noomen, J.G. 100546
Boerger, M. *see* Pellegrini, V. 76111
Boerma, D.O. *see* Breeman, M. 61237
Boero, M., Inkson, J.C. Calculated I-V characteristics of low-dimensional structures 105410
Boero, M. *see* Manfredotti, C. 69898
Boers, J.E. An interactive version of the PBGUNS program for the simulation of axisymmetric and 2-D, electron and ion beams and guns 90118
Boersma, Y.A., Bosiers, J.T., Peek, H.L. A 1/4″ 720(H)×576(V) two-phase FT-CCD imager with on-chip vertical drivers 89165
Boese, D. *see* Herminghaus, S. 106850
Boese, I.M. *see* Collier, R.J. 79677
Boesiger, P. *see* Botnar, R. 90298
Boesiger, P. *see* Maier, S.E. 69992
Boet, J.A.M.de *see* de Boet, J.A.M.
Boettcher, H. *see* Thielsch, R. 83829
Boettcher, J. *see* Saffian, B. 114684
Boettcher, J. *see* Schelhase, S. 103939
Boettcher, K., Hartmann, H., Roestel, R. Influence of convection on zinc selenide single crystal growth by chemical vapour transport 74184
Boettger, G. *see* Schefer, J. 69680
Boettle, D. *see* Sierens, C. 67950
Boeuf, J.P. *see* Garrigues, L. 120636
Boeuf, J.P. *see* Punset, C. 105084
Boeun Kim, Cheolwoo Kim, Sangchan Han, Soowon Kim, Hoonsoo Park, Hunsub Park 1.2-μM non-epi CMOS smart power IC with four H-bridge motor drivers for portable applications 115347
Boev, V., Sleeckx, E., Mitkova, M., Markovsky, P., Nagels, P., Zlatanova, K. Holographic investigations of photoinduced changes in PECVD Ge-Se thin films 114660
Boezen, H.J. *see* Mouthaan, A.J. 84322
Boezio, M. *see* Barbiellini, G. 69722
Boffa, V., Petrisor, T., Ciontea, L., Gambardella, U., Barbanera, S. Properties of in-situ laser-pulsed deposited YBCO thin films on MgO with SrTiO$_3$ buffer layer 72793
Boffi, P., Fellegara, A., Martinelli, M. Analysis of the Kerr phase-shift induced by optically amplified transmission signals 95672
Boffi, P., Pietralunga, S., Piccinin, D., Martinelli, M. Photonic time-space converter for digital communication signals 88047
Boffi, P. *see* Amato, L. 65444
Boffi, P. *see* Fellegara, A. 85012
Boffi, P. *see* Pietralunga, S. 65424
Boffi, P. *see* Pietralunga, S. 85093
Boffito, C. *see* Pozzo, A. 94166
Bogaard, H.J. *see* Woltjer, H.H. 101392
Bogaart, F.L.M.Van den *see* Van den Bogaart, F.L.M.
Bogachenko, D.D. *see* Kudryavtsev, A.V. 103065
Bogachenkov, V.A. *see* Kaminsky, A.K. 96513
Bogachev, A.F. A study of metal corrosion in phase transition zones at power stations and its prevention 121336
Bogachev, A.F., Fedoseev, B.S., Khodyrev, B.N. Technologies for water treatment and water chemistry at thermal power stations 121341
Bogachev, S.V. *see* Afanas'ev, V.P. 95266
Bogachev, V.I. *see* Baklanov, A.I. 100099
Bogacka, B., Mejza, S. On optimality criteria of experimental block designs under linear mixed models 92434
Bogacki, P., Shampine, L.F. An efficient Runge-Kutta (4,5) pair 103780
Bogacz, A. *see* Bhat, C.M. 89794
Bogacz, A. *see* Jackson, G. 100728
Bogacz, A. *see* Ng, K.Y. 89895
Bogacz, S.A., Cline, D.B. Recent developments in $\mu^+\mu^-$ colliders 79851
Bogacz, S.A., Cline, D.B., Ramachandran, S. Simulation results of bent crystal extraction in the Tevatron 89902
Bogacz, S.A., Cline, D.B., Sandler, P.H., Sanders, D.A. Muon cooling and acceleration experiment at TRIUMF 89683
Bogacz, S.A., Ng, K.-Y., Ostiguy, J.-F. Chromaticity compensation–Booster sextupoles 89696
Bogaert, J.van *see* van Bogaert, J.
Bogaerts, R., Herlach, F., De Keyser, A., Peeters, F.M., DeRosa, F., Palmstrom, C.J., Brehmer, D., Allen, S.J., Jr. Experimental determination of the Fermi surface of thin Sc$_{1-x}$Er$_x$As epitaxial layers in pulsed magnetic fields 83889
Bogaerts, R. *see* De Keyser, A. 62742
Boganch, J. *see* Pashevich, V.I. 121292
Bogani, F., Carraresi, L., Mattolini, R., Colocci, M., Bosacchi, A., Franchi, S. Relaxation and recombination in ultrasmall InAs quantum dots 62999
Bogani, F. *see* Bonello, B. 83825
Bogar, P. Micromaser driven by entangled atom pairs 85349
Bogard, D. *see* Beauvais, P.-Y. 89995
Bogart, D. Inconsistencies in widely used Monte Carlo methods for precise calculation of radial resonance captures in uranium fuel rods 81259

Bogatova, G.A. *see* Baryshnikov, F.F. 65384
Bogatova, G.A. *see* Baryshnikov, F.F. 96440
Bogatova, G.A. *see* Baryshnikov, F.F. 96575
Bogatova, G.A. *see* Baryshnikov, F.F. 116578
Bogaturov, A.N. *see* Gaikovich, K.P. 107892
Bogaty, J.M., Clifft, B.E. A low-cost non-intercepting beam current and phase monitor for heavy ions 100589
Bogatyrenko, N.G. *see* Arutyunov, V.A. 69318
Bogatyrev, V.A. Protocols of dynamic redistribution in distributed computation 118377
Bogatyreva, S.V. *see* Esengaliev, A.B. 106309
Bogatyrjov, V.A., Cheremisin, I.I., Dianov, E.M., Golant, K.M., Tomashuk, A.L. Super-high-strength metal-coated low-hydroxyl low-chlorine all-silica optical fibers 75508
Bogatyrjov, V.A., Cheremisin, I.I., Dianov, E.M., Golant, K.M., Tomashuk, A.L. Super-high-strength metal-coated low-hydroxyl low-chlorine all-silica optical fibers 106812
Bogdan, F. *see* Boenig, H.J. 112116
Bogdan Manolache, F., Costiner, S., Ta'asan, S., Sandu, D.D. Simultaneous multigrid techniques for the computation of close frequency eigenmodes in resonant cavities 116962
Bogdanov, A.G., Denisenko, S.G., Kol'dyaev, I., Neizvestnyi, I.G. Determination of design parameters (characterization) of MIS transistors with submicron design rules 63730
Bogdanov, D.R. *see* Galiulin, R.M. 107673
Bogdanov, E.P. *see* Kornaukhov, A.V. 73700
Bogdanov, E.P. *see* Kornaukhov, A.V. 73710
Bogdanov, E.P. *see* Kornaukhov, A.V. 73714
Bogdanov, E.V. *see* Kul'bachinskii, V.A. 62725
Bogdanov, M.P., Dimakov, S.A., Gorlanov, A.V., Goryachkin, D.A., Grigorev, A.M., Irtuganov, V.M., Kalinin, V.P., Klimentev, S.I., Kozlovskaya, I.M., Orlova, I.B., Sherstobitov, V.E., Venediktov, V.Yu. Correction of segmented mirror aberrations by phase conjugation and dynamic holography 107621
Bogdanov, V.L. *see* Mazurenko, Yu.T. 76297
Bogdanov, Yu.I., Bogdanova, N.A., Zemtsovskii, S.I. Statistical modeling and analysis of time-dependent breakdown data for thin dielectric films [MOS structures] 105483
Bogdanova, N.A. *see* Bogdanov, Yu.I. 105483
Bogdanovic, I. *see* Jaksic, M. 100822
Bogdanovich, B. *see* Shalnov, A. 89597
Bogdanovich, B. *see* Shalnov, A. 89730
Bogdanovich, B. *see* Shalnov, A. 100483
Bogdanovich, B.Yu. *see* Shalnov, A. 100783
Bogdanovskaya, V.A., Tarasevich, M.R. Electrochemical biosensors for medicine and ecology 110223
Boge, M., Brinkmann, R. Optimization of spin polarization in the HERA electron ring using beam-based alignment procedures 119999
Boge, M., Limberg, T. Calculations on depolarization in HERA due to beam-beam effects 89836
Bogen, M., Lenz, M., Zier, S. Deutsche Welle: on the air 79119
Bogenfeld, E. *see* Schilpp, M. 119441
Bogenschutz, T. Stochastic stability of equilibrium states 92445
Boger, J. *see* Cribier, M. 110538
Boger, M.S. *see* Wallace, A.K. 71771
Bogert, A.J.van den *see* van den Bogert, A.J.
Bogert, D., Fowler, W., Holmes, S., Martin, P., Pawlak, T. The status of the Fermilab Main Injector Project 79929
Bogetoft, P. DEA on relaxed convexity assumptions 82459
Boggavarapu, D., McAlister, D., Anderson, M., Munroe, M., Raymer, M.G., Khitrova, G., Gibbs, H.M. Ultrafast photon statistics of normal mode coupling in a semiconductor microcavity 107410
Boggavarapu, D. *see* Anderson, M.E. 100371
Boggende, A.J.F.den *see* den Boggende, A.J.F.
Boggess, T.F. *see* McCahon, S.W. 114797
Boggio, V. *see* De Lucia, M. 111793
Bogh, S. *see* Blanke, M. 112015
Bogl, K. *see* Nopp, P. 70165
Boglaev, I. *see* Lavers, D. 65706
Boglaev, I.P., Sirotkin, V.V. Solution of a singularly perturbed parabolic problem by domain decomposition with time extrapolation 72679
Boglaev, I.P. *see* Lavers, J.D. 107794
Boglieni, A., Bottauscio, O., Chiampi, M., Pastorelli, M., Repetto, M. Computation and measurement of iron losses under PWM supply conditions 115498
Boglietti, A., Ferraris, P., Lazzari, M., Pastorelli, M. Influence of the inverter characteristics on the iron losses in PWM inverter-fed induction motors 111968
Boglietti, A. *see* Bergamasco, G. 122055
Boglietti, A. *see* Levi, E. 111935
Boglietti, A. *see* Levi, E. 121971
Bogliolo, A., Benini, L., Ricco, B. Power estimation of cell-based CMOS circuits 82867
Boglione, L., Pollard, R.D., Postoyalko, V., Alam, T. Specifications for a linear network simultaneously noise and available-power matched 113700
Bogner, R.E., Ayre, M., Monro, J. Signal processing education in Australia: some innovations 103332
Bogner, R.E. *see* Abbott, D. 89139
Bogner, R.E. *see* Cameron, A. 109710
Bogner, R.E. *see* Mohandes, M. 109795
Bogner, R.E. *see* Nguyen, X.T. 66968
Bogner, R.E. *see* Zhu, J. 68551
Bogner, R.E. *see* Zyweck, A. 68623
Bogner, W. *see* Gottwald, E. 119203
Bogolyubov, A.N., Krasil'nikova, A.V. Calculation of fiber light guides by means of the selfregulating net algorithm 106797
Bogolyubsky, M.Y. *see* Braunschweig, W. 120173
Bogomaz, A.A. *see* Kolikov, V.A. 116838
Bogomazov, P.M. *see* Abroyan, M.A. 107127
Bogomol'nyi, V.M. Calculation of nonuniformly thickness-polarized piezoceramic transducers 64171
Bogomolnyi, V.M. Calculation of piezoelectric modulators of infrared radiation 75573
Bogomolov, Ya.L., Ginzburg, N.S., Golubyatnikova, E.R. Stochastic particle deceleration in the field of an incoherent pump wave or in a random magnetostatic field and effective amplification of monochromatic electromagnetic radiation 76051
Bogorodzki, P., Szelag, A., Mierzejewski, L., Drazek, Z. Specialized module for measurements in high voltage supply circuits 111550
Bogoslawsky, D. *see* Calen, H. 120194
Bogovac, M. *see* Jaksic, M. 100822
Bogren, A.W. *see* Jeppson, K.O. 115199
Bogucka, H. Transmission and reception of the multicarrier CDMA signals in the 3rd generation mobile communication system 99286
Boguhvalsky, A.K. *see* Krasilenko, V.G. 85182
Bogukhvalsky, A.K. *see* Krasilenko, V.G. 85183
Bogumil, A. *see* Wolinski, T.R. 100084
Bogus, C. *see* Delarue, P. 62011
Boguslavski, I.Z. Generalized characteristics of currents and magnetomotive forces of magnetically coupled rotor circuits of alternating current machines 71235
Boguslavsky, I., Abys, J.A., Kudrak, E.J., Williams, M.A., Ong, T.C. Pd-Ni-plated lids for frame-lid assemblies 60649
Boguslavsky, I.Z. A system of equations for multiphase machine with nonsinusoidal supply 121449
Boguth, S. *see* Bock, J. 84565
Boguth, S. *see* Treitinger, L. 73798
Bogy, D.B. *see* Allen, A.M. 115743
Bogy, D.B. *see* Bedoy, C. 115686
Bogy, D.B. *see* O'Hara, M.A. 115751
Bogy, D.B. *see* Ta-Chang Fu 75213
Bogy, D.B. *see* Ta-Chang Fu 115752
Bogy, D.B. *see* Xiaohan Yun 115689
Bogy, D.B. *see* Yong Hu 115742
Bohacek, P., Krempasky, M., Korytar, D., Sekacova, M., Senderak, R. Mapping of the residual voltage of Hall devices fabricated by P+Si coimplantation on GaAs wafers 94886
Bohbot, R.de Oliveira *see* de Oliveira Bohbot, R.
Boheim, M., Goebel, U. Low cost packages for micro- and millimeterwave circuits 62324
Boheim, M., Schmidt, L.-P., Ritter, J., Brankovic, V., Beyer, R., Arndt, F., Klein, U., Kunzi, K., Schwaab, G., Crowe, T.W. A new 140 GHz planar diode finline mixer for radiometer applications 62305
Boheim, M. *see* Guttich, U. 83445
Boheim, M. *see* Guttich, U. 83465
Bohenek, B.J., Ruff, D.A., Raquet, J.F. High rate time-space-position-information for high dynamic GPS integrated navigation systems 80723
Boher, P., Stehle, J.L., Piel, J.P., Fried, M., Lohner, T., Polgar, O., Khanh, N.Q., Barsony, I. Spectroscopic ellipsometry applied to the determination of an ion implantation depth profile 94697
Boher, P., Stehle, J.L., Stehle, M., Godard, B. Single shot excimer laser annealing of amorphous silicon for AMLCD 94665
Bohl, T. *see* Bailey, R. 79964
Bohl, T. *see* Boussard, D. 100470
Bohl, T. *see* Faugier, A. 79947
Bohl, T. *see* Faugier, A. 79948
Bohlen, H. *see* Fowkes, W.R. 100416
Bohler, A. *see* Kowalsky, W. 106994
Bohlin, K. *see* Edholm, B. 63666
Bohm, C., Leyk, A., Sprengepiel, J., Kubalek, E. Advanced function- and failure analysis of monolithic integrated travelling wave amplifiers by scanning-force-microscopy 73769
Bohm, C., Otterbeck, M., Lipp, S., Frey, L., Reuter, R., Leyk, A., Mertin, W., Tegude, F.J., Kubalek, E. Design and characterization of integrated probes for millimeter wave applications in scanning probe microscopy 93891
Bohm, C., Sprengepiel, J., Kubalek, E. Scanning probe microscope gigahertz measurements on 200 nanometer wave guides 79661
Bohm, C., Sprengepiel, J., Kubalek, E. Diagnosis in submicron integrated circuits by electric force microscopy 93896
Bohm, C., Sprengepiel, J., Leyk, A., Kubalek, E. Characterisation of probe-tip/sample signal transmission in electrical sampling scanning force microscopy 119848
Bohm, C., Sprengepiel, J., Otterbeck, M., Kubalek, E. Voltage contrast in submicron integrated circuits by scanning force microscopy 60569
Bohm, C. *see* Leyk, A. 93890
Bohm, E., Walz, R. Life-cycle-analysis: a methodology to analyse ecological consequences within a technology assessment study? 92123
Bohm, G. *see* Chertouk, M. 62299
Bohm, G. *see* Dollinger, F. 95726
Bohm, G. *see* Eder, C. 105311
Bohm, G. *see* Gornik, E. 62872
Bohm, G. *see* Heiss, H. 104833
Bohm, G. *see* Kraus, S. 95070
Bohm, G. *see* Nagasawa, H. 63562
Bohm, G. *see* Robkopf, V. 62995
Bohm, G. *see* Rosskopf, V. 74453
Bohm, G. *see* Schmeller, A. 62920
Bohm, G. *see* Smoliner, J. 105386
Bohm, H.von *see* von Bohm, H.
Bohm, J. *see* Karny, M. 108254
Bohm, K. *see* Belz, C. 101216
Bohm, M. *see* Zhu, Q. 100104
Bohm, P. *see* Ragg, O.M. 115512
Bohm, R. *see* Gurlit, W. 69557
Bohm, U. *see* Diederich, K.-J. 91224
Bohm, W.L. *see* Handke, J. 116318
Bohman, D. *see* Nguyen, H. 116110
Bohmann, L.J., Wiitanen, D.O., Bose, A. A variable voltage and frequency scheme to optimize the efficiency of a wind-driven induction generator 91495
Bohmayr, W., Schrom, G., Selberherr, S. Investigation of channeling in field oxide corners by three-dimensional Monte Carlo simulation of ion implantation 84430
Bohmayr, W. *see* Leitner, E. 74818
Bohmc, J.F. *see* Sidorovich, D.V. 120703
Bohme, F., Schwarz, W. The chaotizer-dechaotizer-channel 86021
Bohme, J.F. *see* Gershman, A.B. 66739
Bohme, J.F. *see* Gershman, A.B. 66784
Bohmer, K. *see* Ashwin, P. 72665
Bohmeyer, D.M. *see* Yap, D. 85344
Bohmisch, M., Burmeister, F., Boneberg, J., Leiderer, P. Nanostructuring on WSe_2 with the atomic force microscope by a potential controlled electrochemical reaction 105689
Bohn, C. *see* Benson, S.V. 96445
Bohn, C.L. *see* Benson, S.V. 107358
Bohn, C.L. *see* Dylla, H.F. 76067
Bohn, R.G. *see* Shen, F. 112364
Bohn, W.L. Current status of COIL research in Germany 107065
Bohn, W.L. High power gas laser research in Germany 107119
Bohn, W.L. COIL activities in Germany 116315
Bohne, E.M. *see* Peitzmann, T. 100814
Bohne, W., Hessler, S., Roeschert, G. Beam-current measurement based on residual gas ionization 100758
Bohne, W. *see* Pausch, G. 80022
Bohne, W. *see* Pausch, G. 100928
Bohnen, H.G.M., Leermakers, M.A.M., Venemans, P.J. Sampling behavior in a four instrument monitoring task: effects of signal bandwidth and number of events per signal 79243
Bohno, T., Tomioka, A., Nose, S., Konno, M., Uede, T., Imayoshi, T., Hayashi, H., Tsutsumi, K., Irie, F. Development of HTS (high-temperature-superconductor) current leads for 1 MW/1 kWh module type SMES system 103051
Bohnstedt, W. Automotive lead/acid battery separators: a global overview 112255
Bohoris, G.A. *see* de Almeida, A.T. 82331
Bohr, M. *see* Schutz, J. 63962
Bohr, M.T. Interconnect scaling–the real limiter to high performance ULSI 106136
Bohr, M.T. Technology development strategies for the 21st century 106154
Bohr, S. *see* Spicka, H. 72931
Bohrer, J. *see* Ledentsov, N.N. 62870
Bohrer, J. *see* Ledentsov, N.N. 63081
Bohrer, J. *see* Ledentsov, N.N. 92737
Bohrer, S. *see* Wirnitzer, B. 99791
Bohringer, K.-F., Donald, B.R., MacDonald, N.C. Single-crystal silicon actuator arrays for micro manipulation tasks 74884
Bohrisch, F. *see* Goring, R. 99041
Boiano, C. *see* Bassini, R. 88942
Boiano, C. *see* Bassini, R. 100963
Boiarski, A.A., Busch, J.R., Brody, R.S., Ridgway, R.W., Altman, W.P., Golden, C. Integrated optic sensor for measuring aflatoxin-B1 in corn 100154
Boiarsky, C. Re-engineering and you: the new kids on the block are the hourly workers and they're writing your documents 112821
Boice, J.D., Jr. *see* Muirhead, C.R. 70295
Boichenko, A.M., Bonyushkin, E.K., Karelin, A.V., Lazhintsev, B.V., Lakhtikov, A.E., Morovov, A.P., Yakovlenko, S.I. Investigation of an XeF laser pumped by gamma radiation from a nuclear explosion 75808
Boichenko, A.M., Panchenko, A.N., Tarasenko, V.F., Yakovlenko, S.I. Efficient emission from an He-Xe-NF_3 mixture pumped by a glow discharge 75807
Boichenko, A.M., Skakun, V.S., Sosnin, E.A., Tarasenko, V.F., Yakovlenko, S.I. Characteristics of an exciplex KrCl lamp pumped by a volume discharge 65042
Boiko, A.A., Gaishun, V.E., Semchenko, A.V., Poddenezhny, E.N., Melnichenko, I.M. Active and passive UV filters for solid-state laser 106912
Boiko, B.T., Khripunov, G.S. Photovoltaic properties of filmy polycrystalline heterosystems on the basis of CdTe 106937
Boiko, M.E., Medvedkin, G.A. Thermal oxidation of $CuInSe_2$: experiment and physico-chemical model 94801

Boikov, Yu.A., Pronin, I.P., Ivanov, Z.G., Claeson, T. Epitaxial $YBa_2Cu_3O_{7-\delta}$/(Ba,Sr)TiO_3 heterostructures on a silicon/sapphire substrate 64505
Boilot, J.-P. *see* Dubois, A. 84940
Boilot, J.P., Chaput, F., Biteau, J., Veret-Lemarinier, A.V., Galaup, J.P., Riehl, D., Levy, Y. Organic-inorganic hybrid gels. Preparation and optical applications 75397
Boilot, J.P. *see* Chamarro, M.A. 74229
Boilot, J.P. *see* Faloss, M. 96121
Boilot, J.P. *see* Levy, Y. 107543
Boily, E. *see* Couture, J. 111410
Boire, J.-Y. *see* Bonny, J.-M. 120342
Boire, J.Y. *see* Colin, A. 120278
Bois, G., Cerny, E. Efficient generation of diagonal constraints for 2-D mask compaction 104257
Bois, J.R. *see* Mathoorasing, D. 119134
Bois, Ph., Costard, E., Duboz, J.Y., Nagle, J., Rosencher, E., Vinter, B. Optimized multiquantum well infrared detectors 69180
Bois, Ph., Rosencher, E., Duboz, J.Y. Emission and capture in quantum well infrared detectors 69161
Boisivon, F. *see* Guillemoles, J.-F. 61316
Boissenin, Y.M. *see* Remy, P.M. 91360
Boisset, G.C., Robertson, B., Hsiao, W.S., Taghizadeh, M.R., Simmons, J., Song, K., Matin, M., Thompson, D.A., Plant, D.V. On-die diffractive alignment structures for packaging of microlens arrays with 2-D optoelectronic device arrays 72309
Boisset, G.C. *see* Plant, D.V. 85326
Boissevain, J. *see* Britton, C.L., Jr. 110617
Boissier, G. *see* Baranov, A.N. 106993
Boissier, O., Demazeau, Y. ASIC: an architecture for social and individual control and its application to computer vision 67157
Boisson de Marca, J.R. *see* De Albuquerque Pinheiro, A.L. 108857
Boisvert, D. *see* Kannegundla, R. 98274
Boisvert, R.E., Bussolari, S.R., Knittel, G.H., Owen, M.R., Saunders, K.W. GPS-squitter low-altitude air surveillance in the Gulf of Mexico 70573
Boisvert, R.R. *see* Lyons, W.G. 93777
Boit, C. *see* Ebersberger, B. 95206
Boit, C. *see* Touzel, J. 114361
Boiteau, O. Matching pursuit algorithm for RCL decomposition with antennas dictionary 68557
Boiteau, O. Optimal control on surface impedance applied to RCS minimization 99615
Boiteux, S.Le *see* Le Boiteux, S.
Boittin, R. *see* Barry, L.P. 78736
Boivin, L.P., Gibb, K. Monochromator-based cryogenic radiometry at the NRC 89082
Boix, R.R. Spectral domain analysis of multiconductor, multilayered, lossy anisotropic structures 62176
Boix, R.R., Alexopoulos, N.G., Horno, M. Efficient numerical computation of the spectral transverse dyadic Green's function in stratified anisotropic media 107999
Bojanic, B. *see* Poljak, M. 121532
Bojanov, B. On a quadrature formula of Micchelli and Rivlin 72654
Boje Jensen, C. *see* Moller, H. 88875
Bojic, S., Sekso, A., Uglesic, I. Comparative research into switching overvoltages in the case of switching by SF_6 circuit breaker in the 400 kV network of Croatia 111687
Bojicic, A.I. *see* Nikolic, P.M. 94323
Bojja, S. *see* Tsuneoka, T. 107570
Bojko, R.J. *see* Finlan, J.M. 85231
Bojkovic, A. The preventive testing of power transformers. I. Theory 112029
Bojkovic, A. The preventive testing of power transformers. II. Practice 112030
Bojkovic, Z. Image quality estimation in subband coding techniques based on human visual system 117785
Bojkovski, J. *see* Drnovsek, J. 109042
Bojkovski, J. *see* Drnovsek, J. 110421
Bojon, J.-P. *see* Strubin, P.M. 100426
Bok, B. *see* Vera, P. 101130
Bok, C.-K. *see* Chun, J.-S. 105762
Bok, H.F. Process enhancements in meniscus coating for flat-panel displays 89457
Bok Lee Kyu *see* Kyu Bok Lee
Bok Lee Myung *see* Myung Bok Lee
Bok-Gil Choi, Nam-Ki Min, Ji-Ho Ryoo, Yung-Kwon Sung Formation and humidity-sensing properties of porous silicon oxide films by electrochemical treatment 79283
Bok-Moon Kang *see* Jei-Hwan Yoo 73371
Bok-Won Cho *see* Il Kim 72878
Boka, J.B. *see* Xipu Li 80536
Bokemeyer, H. *see* Ditzel, E. 100992
Boker, J. *see* Budiarto, E. 64891
Bokhari, M.A., Iqbal, M. L_2-approximation of real-valued functions with interpolatory constraints 72582
Bokhari, S. *see* Rizk, K. 65848
Bokhoven, J.D., Haag, D., Herrmann, J., Schlichter, C. All in one. Integrating environmental conservation, safety, health and quality in a single management system 103373
Bokhoven, W.van *see* van Bokhoven, W.
Bokor, J. Directions in advanced IC lithography: new applications for lasers and coherent sources 105751
Bokor, J. Directions in advanced IC lithography: new applications for lasers and coherent sources 115115
Bokor, J. *see* Budiarto, E. 116201
Bokor, J. *see* Joo-Hiuk Son 105509
Bokor, J. *see* Medecki, H. 119923
Boks, C.B., Kroll, E., Brouwers, W.C.J., Stevels, A.L.N. Disassembly modeling: two applications to a Philips 21″ television set 79152
Bokserman, Yu.I. *see* Khrilyev, L.S. 80839
Bol, A. *see* Michel, C. 90490
Bol, A. *see* Sibomana, M. 101243
Bol, R. *see* Blom, J. 67697
Bolam, R. *see* Strong, A. 60731
Bolay, H. *see* Hofmann, R. 116467
Bolchini, C. *see* Baresi, L. 113683
Boldea, I. Developments on MAGNIBUS concept for urban MAGLEVs 71834
Boldt, J.D. *see* Heffernan, K.J. 90691
Bolduc, L. *see* Tousignant, D. 121540
Bole, S. *see* Bird, M.D. 96968
Bole, S. *see* Bird, M.D. 96986
Bole, S. *see* Gao, B.J. 96989
Boles, D. *see* Shea, J.J. 62550
Boles, T. *see* Ping Li 84313
Boley, C.D. *see* Chang, J.J. 116374
Boley, C.D. *see* Rhodes, M.A. 85085
Boley, C.D. *see* Warner, B.E. 60586
Bolger, J.A. *see* Smirl, A.L. 105379
Boliang Pan *see* Pan Boliang
Boliek, M. *see* Gormish, M.J. 86754
Bolignano, D. Format verification of cryptographic authentication protocols 67576
Bolignano, D. An approach to the formal verification of cryptographic protocols 77741
Boling Xi *see* Kemper, A.H. 102852
Boling Yang *see* Yang Boling
Bolioli, S. *see* Vendik, I. 106733
Bolis, S., Economou, E.G. Skipping protocols integrating voice and data on a token bus LAN 108834
Bolkhovityanov, Yu.B., Jaroshevich, A.S., Nomerotsky, N.V., Revenko, M.A., Trukhanov, E.M. Highly strained InGaAsP films with high critical thicknesses 74137
Bolla, R., Davoli, F., Giordano, A., Nobile, C., Zappatore, S. A communication and control architecture for advanced IVHS 99245
Bolla, R., Davoli, F., Iscra, A., Nobile, C., Zappatore, S. Analysis and performance comparison of the RRA-ISA multiple access protocol for packet voice and data cellular systems 87476
Bolla, R., Davoli, F., Marchese, M. A global control system for integrated admission control and routing in ATM networks 77774
Bolla, R., Davoli, F., Marchese, M. Simple schemes for traffic integration at call set-up level in ATM networks 109291
Bolla, R., Davoli, F., Maryni, P., Parisini, T. Neural approximations of optimal allocation policies for hybrid multiplexing 77671
Bolla, R., Davoli, F., Nobile, C. Performance of simple priority schemes for the RRA-ISA multiple access protocol in packet voice and data cellular systems 68314
Bollaert, P. *see* Gautheron, O. 68499
Bolland, O., Forde, M., Hande, B. Air bottoming cycle: use of gas turbine waste heat for power generation 92010
Bollani, B. *see* Timo, G. 61266
Bolle, A. *see* van Deventer, M.O. 88496
Bolle, N. *see* Adriaenssens, G.J. 94414
Bolle, R.M., Aloimonos, Y., Fermuller, C. Video representations 86637
Bolle, R.M. *see* Karu, K. 98313
Bollen, G. Direct mass measurements at ISOLDE 69872
Bollen, M.H.J. Voltage sags: effects, mitigation and prediction 80800
Bollen, M.H.J. A simple method for stochastic assessment of voltage sags 101667
Bollen, M.H.J., Boyd, A. Instability problems in small power systems with more than one centre of generation 90934
Bollen, M.H.J. *see* Al-Arashi, A.A. 91136
Bollen, M.H.J. *see* Tenorio, A.R.M. 91100
Bollen, M.H.J. *see* Yalcinkaya, G. 91972
Boller, B.D., Crowley, R.D., Smith, M.C., Roeder, R.S. The development of the SeaWinds Scatterometer Electronics Subsystem (SES) 111205
Boller, J.R. *see* Young, F.C. 89639
Boller, J.R. *see* Young, F.C. 120123
Bolles, R.C. *see* Fischler, M.A. 67471
Bollig, B. *see* Hamadeh, H. 74153
Bollig, B. *see* Lakner, H. 94470
Bolliger, D., Malcovati, P., Haberli, A., Baltes, H., Sarro, P., Maloberti, F. Integrated ultraviolet sensor system with on-chip 1 GΩ transimpedance amplifier 79428
Bolliger, D., Popovic, R.S., Baltes, H. Is the femtoamp bipolar transistor DC operation feasible? 112776
Bollinger, J.J. *see* Monroe, C. 95896
Bollinger, S.W. *see* Sayah, J.Y. 113638
Bollito, M. *see* Benotto, F. 69866
Bollmann, D., Landesberger, C., Ramm, P., Haberger, K. Analysis of wafer bonding by infrared transmission 94813
Bollmann, D. *see* Haberger, K. 84601
Bollmann, J., Wienecke, M., Roehrich, J., Kerkow, H. Doping and compensation phenomena of Ag in CdTe 74519
Bollmann, R. *see* Albers, D. 69756
Bollmeier, T. *see* Powell, J.R. 62165
Bollond, P.G. *see* Barry, L.P. 119901
Bollweg, K., Kurth, T., Heitmann, D., Vasiliadou, E., Grambow, P., Eberl, K. Coupled modes and filling factor dependent edge potentials in double-layered antidot arrays 105424
Bolme, G.O., Keffeler, D.R., Brown, V.W., Clark, D.C., Hodgkins, D., Lara, P.D., Milder, M.L., Rees, D., Schafstall, P.J., Schneider, J.D., Sherman, J.D., Stevens, R.R., Zaugg, T., Sheikh, J.Y., Davidson, A.D., Smith, B.H. High-power RF operations studies with the CRITS RFQ 89706
Bolme, G.O. *see* Johnson, K.F. 89732
Bolmont, D. *see* Aubel, D. 82624
Bolmont, D. *see* Roge, T.P. 82623
Bolmont, S.D. *see* Aubel, D. 82597
Bologa, A.M. Investigation of efficiency of the influence of corona discharge in the air-ion therapeutics 80424
Bologa, A.M., Hanbekov, E.N. Electrostatic sprayers of liquids (ESL). The design of the numerical model for calculation of ESL parameters 76352
Bolognani, S., Conton, R., Zigliotto, M., Zordan, M. A minimal-sensor permanent-magnet synchronous motor drive based on a single DC-link current measurement 121959
Bolognani, S., Zigliotto, M. Novel digital continuous control of SVM inverters in the overmodulation range 71425
Bolognani, S., Zigliotto, M. Space vector Fourier analysis of SVM inverters in the overmodulation range 112449
Bolognani, S., Zigliotto, M. Fuzzy logic control of a switched reluctance motor drive 112457
Bolognani, S. *see* Bianchi, N. 91536
Bolognani, S. *see* Bianchi, N. 121969
Bolognesi, C.R., Chow, D.H. InAs/AlSb dual-gate HFETs 115249
Bolognesi, C.R. *see* Koester, S.J. 74421
Bolognesi, P., Carrara, G., Casini, D., Taponecco, L. New simple converters driving techniques alternative to PWM and harmonic elimination classical methods 91669
Bolognesi, P., Carrara, G., Casini, D., Taponecco, T. Unconventional modulation methodologies for VSI control 102882
Bolognini, N. *see* Agra Amorim, A. 115986
Bolognini, N. *see* Amorim, A.A. 117835
Bolognini, N. *see* Grosz, S.I. 119728
Bolognini, N.A. *see* del Carmen Lasprilla A, M. 77504
Bolomey, J.C., Joisel, A. Microwave scanners for biomedical applications 80369
Bolomey, J.C. *see* Belkebir, K. 61505
Bolon, B. *see* Willett, J.E. 76046
Boloorian, M., McGeehan, J.P. Twin-loop Cartesian transmitter (TLCT) 61670
Boloorian, M., McGeehan, J.P. Phase-lag compensated Cartesian feedback transmitter 99120
Boloorian, M., McGeehan, J.P. Phase-lag compensated twin-loop Cartesian transmitter 109327
Boloorian, M., McGeehan, J.P. Maximisation of Cartesian transmitter linearisation bandwidth 109340
Bolot, J.-C., Crepin, H., Garcia, A.V. Analysis of audio packet loss in the Internet 118428
Bolot, J.-C., Vega-Garcia, A. Control mechanisms for packet audio in the Internet 87725
Bolot, J.-C. *see* Grossglauser, M. 118059
Bolotin, G. Space-cube: a flexible computer architecture based on stacked modules 73902
Bolotin, I., Budilin, V., Glazov, A., Krasnopolsky, V., Skuratov, V. Ferromagnetic cores made from amorphous material for broad-band accelerating system 100694
Bolotnikov, A., Ramsey, B. Development of high-pressure Xe ionization detectors for hard X-ray and low energy gamma-ray astronomy 100841
Bolotov, L.N., Makarenko, I.V., Shulekin, A.F., Titkov, A.N. Optical controlled Auger transistor on a base of the STM tunnel contact with H-terminated n-Si surface 75725
Bolotov, L.N., Makarenko, I.V., Titkov, A.N., Veksler, M.I., Grekhov, I.V., Shulekin, A.F. Scanning-tunneling-microscope contact to a hydrogen-passivated n-type silicon surface as a point Auger transistor with a tunneling MOS emitter 63655
Bolozdynya, A. *see* Belogurov, S. 100855
Bolsens, I. *see* Berrebi, E. 87000
Bolsens, I. *see* Samel, S. 99387
Bolsens, I. *see* Van Rompaey, K. 118775
Bolser, C. *see* Heifets, S. 89624
Bolshakov, O.P. *see* Gorelik, S.Y. 85763
Bolshakov, V. *see* Romanets, R. 64036
Bolshakova, N.N., Krasnikova, S.A., Rudyak, V.M., Chereshneva, N.N. Dielectric properties of solid solutions on PFN base 75031
Bol'shinskova, T.A. *see* Seryanov, Yu.V. 63462
Bolshtyanskii, M.A. Phenomenon of switching of the sign of a wavefront dislocation in a bent few-mode optical fibre 85020
Bolshtyansky, M.A., Zel'dovich, B.Ya. Random transverse tomography and phase-conjugate scanning for image acquisition through a multimode fiber 70057
Bolshtyansky, M.A. *see* Anderson, D.Z. 75487

Bolt, A.G. The hydrokinetic transmission (fluid coupling) for speed and torque control 91789
Bolt, A.G. Fluid couplings vs. electronics [drives] 103072
Bolt, M., Cantatore, E., Socha, M., Aussems, C., Solo, J. Matching properties of MOS transistors and delay line chains with self-aligned source/drain contacts 115335
Bolt, N. Cost-effective research results for gas turbine operators 111789
Boltar', K.O. *see* Bovina, L.A. 99987
Boltar', K.O. *see* Golovin, S.V. 95984
Bolte, A., Thonemann, U.W. Optimizing simulated annealing schedules with genetic programming 82497
Boltniew, E. *see* Wu, Y. 78978
Bolton, B. The use of undergraduate projects to simulate the manufacturing life cycle 72142
Bolton, J.R. *see* Archer, M.D. 74327
Bolton, K. Asynchronous transfer modes strategic power over the Internet 109145
Bolton, P.R. *see* Hora, H. 107486
Bolton, R.D. *see* Szymanski, J.J. 110589
Boltushkin, A.V. *see* Shadrov, V.G. 106616
Boltz, E.S., Fortunko, C.M. Absolute sensitivity limits of various ultrasonic transducers 111376
Boltze, T., Kammeyer, K.D., Hauenschild, C. Parameter estimation for exponential data modeling of electro-magnetic fields 76332
Boluda, J.A. *see* Pardo, F. 119720
Bolus, R.L. *see* Hirsave, P.P. 120844
Bolvin, J.-Y., Anguill, Y. Home automation for the future 122095
Bolz, A. *see* Frohlich, R. 101407
Bolze, E. *see* Knoll, D. 84333
Bolzern, P., Colaneri, P., De Nicolao, G. Convergence properties of time-varying H_2 robust filters 66786
Bom, N., Li, W., Lancee, C.T. New developments in intravascular ultrasound quantitative aspects 87068
Bom, N. *see* Djoa, K.K. 70037
Bom, N. *see* Li, W. 90471
Bom, N. *see* Pasterkamp, G. 120398
Bom, V.R. *see* Leliveld, C.J. 101253
Boman, J. *see* Pettersson, R.P. 69886
Boman, R.C. *see* Svetkoff, D.J. 72331
Bombay, B. *see* Spanos, C.J. 63510
Bombay, B.J. *see* Sovarong Leang 63499
Bomdica, A. *see* Vasseghi, N. 73439
Bomer, L., Burkert, F., Eichinger, J., Halfmann, R., Liegl, W., Werner, M. A CDMA radio link with 'turbo-decoding': concept and performance evaluation 88368
Boming Zhang *see* Zhang Boming
Boming Zhung *see* Zhung Boming
Bommel, F. *see* Schambach, J. 95508
Bommel, F.R. *see* Hildebrandt, G. 64537
Bommel, R.Van *see* Van Bommel, R.
Bompard, C. Centralized network management operated by Telecom Italia 108971
Bompard, E., Carpaneto, E., Chicco, G., Napoli, R. A dynamic interpretation of the load-flow Jacobian singularity for voltage stability analysis 80768
Bompard, E., Carpaneto, E., Chicco, G., Napoli, R. Analysis and modelling of thermostatically-controlled loads 122080
Bomse, D.S. *see* Stanton, A.C. 69366
Bon Cheol Koo, Jin Soo Park, Sung Il Chien A study on vision system based on generalized Hough transform 2-D object recognition 67376
Bon Hoa, D.Hui *see* Hui Bon Hoa, D.
Bona, A.Di *see* Di Bona, A.
Bona, M., Perin, R., Acerbi, E., Rossi, L. Assessment of the tests results of the two CERN-INFN 10 m long superconducting dipole prototypes for the LHC 90034
Bona, M., Perin, R., Vlogaert, J. The LHC magnet system and its status of development 120035
Bonaca, M.V., Dube, D.A., Weerakkody, S.D. The beneficial use of risk analysis in the regulatory process [nuclear plants] 81210
Bonafos, C. *see* Faye, M.M. 74545
Bonafous, J. *see* Colin, A. 120278
Bonaiuto, V. *see* Salerno, M. 114180
Bonaiuto, V. *see* Sargeni, F. 83282
Bonaldo, S.A. *see* do Prado, R.N. 122079
Bonan Ding *see* Ding Bonan
Bonani, F., Ghione, G., Pirola, M., Naldi, C.U. Thermal CAD for power III-V devices and MMICs 93926
Bonani, F. *see* Biey, M. 113711
Bonanni, A. *see* Bratina, G. 72787
Bonanni, A. *see* Yang, X. 83891
Bonanno, C.J. *see* Cheng, W. 102734
Bonanno, F., Consoli, A., Raciti, A., Leotta, A., Nocera, U. Dynamic model of hybrid generation systems 102334
Bonanno, F., Raciti, A., Testa, A., Leotta, A., Nocera, U. Analysis of hybrid generation system configurations utilising renewable sources 102491
Bonanno, G. *see* Bortoletto, F. 100137
Bonanos, P. *see* Awad, M. 103052
Bonard, J.-M., Ganiere, J.-D. Quantitative analysis of electron-beam-induced current profiles across p-n junctions in GaAs/$Al_{0.4}Ga_{0.6}As$ heterostructures 62817
Bonard, J.-M., Ganiere, J.-D., Akamatsu, B., Araujo, D., Reinhart, F.-K. Cathodoluminescence study of the spatial distribution of electron-hole pairs generated by an electron beam in $Al_{0.4}Ga_{0.6}As$ 74393
Bonard, J.M. *see* Cleton, F. 62807
Bonard, J.M. *see* Herve, D. 75950
Bonat, I. *see* Carminelli Gregori, A.M. 77523
Bonati, R. *see* Marneris, I. 102851
Bonato, P. *see* Speranzo, G. 70162
Bonaventure, O., Klovning, E., Danthine, A. Behaviour of TCP in the European ATM pilot 87431
Bonaventure, O. *see* Klovning, E. 118081
Bonaventure, O. *see* Mathy, L. 67916
Bonavita, N. *see* Bruzzo, S. 121275
Bonazzi, A. *see* Gonzalez-Vallejo, C. 82400
Boncek, R. *see* Kornreich, P. 85005
Boncek, R.K. *see* Guifang Li 119149
Boncyk, W.C., Markham, B.L., Barker, J.L., Helder, D. Artifact correction and absolute radiometric calibration techniques employed in the Landsat 7 Image Assessment System 120720
Boncyk, W.C. *see* Helder, D. 120722
Boncyk, W.C. *see* Markham, B.L. 120721
Bond, A.E. *see* Dapkus, P.D. 107344
Bond, G. Private power–looking for an Asian model 71022
Bond, I.P. *see* Hancock, M. 102541
Bond, J. *see* Anapol, M. 64868
Bond, J.W., Hui, S. Implicit models of Gaussian mixture densities and locally optimum detectors 108246
Bond, R. Coming developments in engineering professional development 60498
Bond, T. *see* Li, L.-Y. 103791
Bonda, N.R., Noyan, I.C. Effect of the specimen size in predicting the mechanical properties of PbSn solder alloys 73867
Bondar, A. *see* Calen, H. 120194
Bondar, A.E. Photon-photon facility at VEPP-4M 120161
Bondar, A.E. *see* Aulchenko, V.M. 100917
Bondar, M.V., Grabovski, V.V., Prokhorenko, V.I., Sukhovatkin, V.N., Yatskiv, D.Ya. COBRA-1A stable single-mode laser with an active Q-switch 76081
Bondarchuk, E., Krasnov, S., Krivchenkov, Y., Panin, A. Mechanical modeling of the ITER toroidal field coils shear keys behavior. Design and choice of key mock-up for electrical insulation testing on the basis of numerical models 95588
Bondarchuk, E.N. *see* Sidorenko, V.D. 95553
Bondarenko, A.V., Bondarenko, V.V. Synthesis of some multivariable digital structures 114121
Bondarenko, B., Sika, Z., Bondarenko, V. Mathematical models of linear stepping motors 121516
Bondarenko, M.F., Chikina, V.A., Shabanov-Kushnarenko, Yu.P. Technical means for mapping acoustic information 66583
Bondarenko, O.V., Kazanskii, V.B., Kolchigin, N.N. Resonance and strip system of mode selection, transformation absorption of waves 116979
Bondarenko, S.L. *see* Zuev, V.V. 120775
Bondarenko, S.V. *see* Belkov, S.A. 116681
Bondarenko, V. *see* Bondarenko, B. 121516
Bondarenko, V. *see* Dorofeev, A. 94292
Bondarenko, V. *see* Lazarouk, S. 94904
Bondarenko, V. *see* Lazarouk, S. 96036
Bondarenko, V. *see* Zaluzny, M. 65504
Bondarenko, V.N., Kokorin, V.I. Analysis of the synchronization system of precision radiogeodesic sets 111095
Bondarenko, V.V. *see* Bondarenko, A.V. 114121
Bondarev, B.I. *see* Murin, B.P. 89773
Bondareva, E.I. *see* Kryuchin, A.A. 106772
Bondareva, T.I., Kryazhev, A.S., Potylitsyn, E.A. Apparatus for the alignment of single-mode optical fibers 75451
Bondelie, K. Sealed carbon dioxide lasers achieve new power levels 103425
Bondon, P. *see* Chretien, S. 72618
Bondt, R.De *see* De Bondt, R.
Bondu, F., Fritschel, P., Man, C.N., Brillet, A. Ultrahigh-spectral-purity laser for the VIRGO experiment 65582
Bondyopadhyay, P.K. Guglielmo Marconi–The father of long distance radio communication–an engineer's tribute 103530
Bone, D. *see* Dale, S. 101095
Bone, D. *see* Holmberg, M. 101259
Bone, D. *see* Wan, E. 120657
Bone, G. *see* Peri, M.L. 100132
Boneberg, J. *see* Bohmisch, M. 105689
Bonefacic, D., Zentner, R., Bartolic, J. Experimental results on stacked circular microstrip patch antennas 76572
Bonefacic, D. *see* Bartolic, J. 76597
Bonefacic, D. *see* Bartolic, J. 97337
Bonefacic, D. *see* Bartolic, J. 108086
Boneh, D., Lipton, R.J. Algorithms for black-box fields and their application to cryptography 97508
Boneh, D., Venkatesan, R. Hardness of computing the most significant bits of secret keys in Diffie-Hellman and related schemes 97529
Boneh, S., Papanicolaou, V.G. General asymptotic estimates for the coupon collector problem 60787
Bonek, E. *see* Fuhl, J. 117083
Bonek, E. *see* Molisch, A.F. 97376
Bonelli, G., Gervasi, M., Giardino, G., Sironi, G., Zannoni, M. Low frequency observations of the cosmic microwave background radiation: the Campo Imperatore experiment 99697
Bonello, B., Cioncolini, S., Bogani, F., Andre, J.P. Time-resolved luminescence in InP/AlInAs type II quantum-well structures 83825
Bonen, A., Saad, R.E., Smith, K.C., Benhabib, B. A novel optoelectronic interface-circuit design for sensing applications 69016
Bonen, A. *see* Saad, R.E. 69088
Bonesini, M. *see* Alvsvaag, S.J. 90124
Boness, R., Nowak, W., Vobian, J., Unger, S., Kirchhof, J. Calculations and practical realization of dispersion-compensating fibers with high compensation ratios and low MAC numbers 64708
Boness, R. *see* Vobian, J. 64707
Boney, C., Yu, Z., Rowland, W.H., Jr., Hughes, W.C., Cook, J.W., Jr., Schetzina, J.F., Cantwell, G., Harsch, W.C. II-VI blue/green laser diodes on ZnSe substrates 85508
Boney, L., Tewfik, A.H., Hamdy, K.N. Digital watermarks for audio signals 97752
Bonfert, J.P. Using neural networks in nuclear power plants for state diagnosis 111727
Bong Choi Go *see* Go Bong Choi
Bong Ha Kyeong *see* Kyeong Bong Ha
Bong Hwan Lee, Young Jim Sim Performance evaluation of a transient queueing approximations for Internet 67847
Bong Jin Ko *see* Eon Gon Kim 117342
Bong Kang Sug *see* Sug Bong Kang
Bong Kang Young *see* Young Bong Kang
Bong Kyu Kim, Seok Hyun Yun, In Kag Hwang, Byoung Yoon Kim Nonlinear strain response of two-mode fiber-optic interferometer 100063
Bong Kyu Kim *see* Seok Hyun Yun 75625
Bong Wan Lee *see* Ho Jin Jeong 69211
Bong-Hwan Jeon, Seok-Kwon Jeong, Hwan-Seong Kim, Sang-Bong Kim Realization of fully digitalized PWM by single chip microprocessor [invertor application] 102708
Bong-Hwan Kim Status of radiation protection calibration program in Korea 70289
Bong-Hwan Oh, Kang-Sik Ryu, Do Namkung Conceptual design of 154 kV, 3 GVA class superconducting power transmission cable using Nb_3Sn superconductor 102183
Bong-Hyun Boo *see* Sang-Hoon Lee 89753
Bong-Jin Kim *see* Moon-Deock Kim 85487
Bong-Jin Yum *see* Jung-Won Park 92177
Bongardt, K., Pabst, M. Final bunch rotation and momentum spread limitation for the ESS facility 90003
Bongardt, K., Pabst, M. Design criteria for high intensity H^--injector linacs 90004
Bongardt, K. *see* Pabst, M. 90002
Bongers, M.M.G., Li, Y., te Nijenhuis, J., Giling, L.J. Structural analysis of $In_xGa_{1-x}As$ grown on Ge by low pressure metalorganic chemical vapour deposition 72818
Bongers, W.A. *see* Urbanus, W.H. 96085
Bongiovanni, G., Mura, A., Staehli, J.L. Four-wave mixing experiments in GaAs/(Ga,Al)As quantum wells: instantaneous non-linear response and exciton-exciton interactions 62853
Bongiovi, R.P., Hackwell, J.A., Hayburst, T.L. Airborne LWIR hyperspectral measurements of military vehicles 90888
Bongryui Kim *see* JaeSeog Yoon 105668
Bongseop Song, Sanguk Lee On the range image segmentation technique based on local correlation 86987
Bongsoon Kang *see* Minkyu Song 113805
Bongtae Han, Yifan Guo Determination of an effective coefficient of thermal expansion of electronic packaging components: a whole-field approach 72290
Bongtae Han *see* Young-Gon Kim 112935
Bonham, C. *see* Frazier, S.D. 81108
Bonhoeffer, T. *see* Engert, F. 90480
Boni, A., Chiorboli, G., Franco, G. Test and diagnosis of subranging A/D converters 114037
Boni, A., Dolce, A., Rovetta, S., Zunino, R. A neural networks based visual tracking system 108594
Boni, A., Morandi, C. Low-power, low-voltage BiCMOS comparators for ~200 MHz, 8 bit operation 93618
Boni, R., Gallo, A., Ghigo, A., Marcellini, F., Serio, M., Zobov, M. A waveguide overloaded cavity as longitudinal kicker for the DAΦNE bunch-by-bunch feedback system 89750
Boni, R. *see* Whitham, K. 89719
Bonifacio, R., De Salvo, L. Collective atomic recoil laser (CARL) and free electron lasers (FEL): basic concepts and experimental projects 96442
Bonifacio, R. *see* Fawley, W.M. 76056
Bonifacio, R. *see* Hemmer, P.R. 107041
Bonifacio, R. *see* Maroli, C. 69597
Bonifacio, R. *see* Tatchyn, R. 96526
Bonigk, J. System architecture and exchange strategies for mobile visualization 78568
Bonigk, J., Von Lukas, U. Object oriented system architecture and strategies for the exchange of structured multimedia data with mobile hosts 118578
Bonilla, L.L., Bulashenko, O.M., Galan, J., Kindelan, M., Moscoso, M. Dynamics of electric-field domains and chaos in semiconductor superlattices 62970
Bonilla, L.L. *see* Bulashenko, O.M. 63068
Bonin, B. *see* Junquera, T. 100495
Bonin, B. *see* Maissa, S. 73971
Boning, D.S. *see* Wong, K.S. 63395

Boninger, M.L. *see* Cooper, R.A. 110944
Boninger, M.L. *see* VanSickle, D.P. 110947
Bonini, E.Cima *see* Cima Bonini, E.
Bonis, M. *see* Kalnitsky, A. 63700
Bonito Oliva, A., Baudouy, B.J.P., Miller, J., Van Sciver, S.W. AC losses in superconducting Nb_3Sn and NbTi CIC conductors 95560
Bonito-Oliva, A., Kenney, S., Scheneider-Muntau, H.J., Summers, L. The potential for SAGBO cracking in a Nb3Sn wind-and-react solenoid using a CICC with Incoloy 908 jacket and glass fabric insulation 95532
Bonivento, C. *see* Holweg, E.G.M. 89514
Bonivento, W. *see* Bell, W. 120174
Bonivert, W.D. *see* Jackson, K.H. 76357
Bonivert, W.D. *see* Malek, C.K. 74655
Bonjour, C. *see* Gavignet, E. 84757
Bonjour, C. *see* Palmier, D. 106320
Bonjour, D., Delisle, D. Evolving data services in connected mode 87432
Bonkohara, M. *see* Nakamura, H. 62510
Bonkowski, J.E. *see* Malin, J.I. 94507
Bonlie, J. *see* Sullivan, A. 65123
Bonlie, J.D., Price, D.F., Sullivan, A., White, W.E. Ultrashort pulse Ti:sapphire laser system pumped by frequency doubled Nd:glass lasers 96235
Bonmassar, G., Schwartz, E.L. Lie groups, space-variant Fourier analysis and the exponential chirp transform 86419
Bonn, J.T. Forcing linearity on greedy codes 117209
Bonn, M. *see* Woutersen, S. 116735
Bonnafond, C. *see* Eyharts, Ph. 89740
Bonnafond, Ch. *see* Villate, D. 100594
Bonnaire, Y. *see* Coromina, F. 86004
Bonnans, J.F., Cominetti, R. Perturbed optimization in Banach spaces. III. Semi-infinite optimization 113197
Bonnaud, O. *see* Dorval, D. 63679
Bonnaud, O. *see* Hbib, H. 94615
Bonnaud, O. *see* Pichon, L. 63675
Bonnaud, O. *see* Pichon, L. 74718
Bonne, U. Sensing fuel properties with thermal microsensors 119591
Bonneau, F., Cazalis, B. Theoretical model for laser energy deposition in intrinsic optical materials and thermomechanical effects 107479
Bonneau, R. A multiresolution transform and its application to image coding 86508
Bonneau, R. A multiresolution transform and its application to pattern recognition 117806
Bonnell, D.A. *see* Thibado, P.M. 84005
Bonner, J.A. *see* Skendzic, V. 101694
Bonner, S.E. *see* Greenwald, S.E. 110802
Bonner, W.A. *see* Moore, A.H. 116492
Bonnesz, O. *see* Miloucheva, I. 67910
Bonnesz, O. *see* Miloucheva, I. 118487
Bonnet, D. *see* Al-Allak, H.M. 81886
Bonnet, D. *see* Loginov, Y.Y. 102988
Bonnet, J. *see* Bertru, N. 61177
Bonnet, J.-F. *see* Samy, R. 98212
Bonnet, N. *see* Herbin, M. 117734
Bonnet, N. *see* Lucas, L. 67422
Bonnet, P., Marguin, O., Remond, D. A quint wavelet analysis 117360
Bonnet, P. *see* Bourquard, A. 95524
Bonnet, P. *see* Verhaege, T. 81171
Bonnet-Gamard, J., Bleuse, J., Magnea, N., Pautrat, J.L. Emission wavelength and cavity design dependence of laser behaviour in HgCdTe heterostructures 75952
Bonnett, A.H. The application considerations of pulse-width modulated inverters and AC induction motors to a total system 81953
Bonnett, A.H. Quality, reliability and performance levels of energy efficient motors 91499
Bonney, B. Powering wireless base stations 67936
Bonnierballe, P. *see* Girard, T.A. 80093
Bonnin, C. *see* Zondy, J.-J. 96684
Bonnot, A.M. *see* Moulin, S. 72911
Bonny, J.-M., Zanca, M., Boire, J.-Y., Veyre, A. T_2 maximum likelihood estimation from multiple spin-echo magnitude images 120342
Bonoli, C. *see* Bortoletto, F. 100137
Bonomi, F.G. *see* Rexford, J.L. 87396
Bonomi, G. *see* Arena, V. 90171
Bononi, A., Prucnal, P.R. Analytical evaluation of improved access techniques in deflection routing networks 118173
Bonora, S., Engels, D. Guidelines for the use of GPS-based AVL systems in public transport fleets 88783
Bonsall, A., Moussaoui, Z., Batarseh, I. Modeling and PSPICE simulation of a power resonant converter 61650
Bonsall, A. *see* Zaki, M. 71552
Bonsignorio, M., Cappellari, A., Coppo, P., D'Ambrosio, M., Vercellone, V. An approach to the design and implementation of ATM virtual private networks 98967
Bonte, B. *see* Gaquiere, C. 93920
Bontemps, S., Grafham, D. State of the art hybrid power modules come of age 82926
Bontrager, E.L. *see* Rao, S.S. 110946
Bontu, C.S., Falconer, D.D., Strawczynski, L. Diversity transmission and adaptive MLSE for digital cellular radio 88306
Bontu, C.S., Falconer, D.D., Strawczynski, L. Simple equalization scheme for high rate FSK data transmission in the millimeter wave frequency band 88326
Bonutti, F. *see* Smith, G.R. 120229
Bonvallot, D. *see* Belin, C. 75396
Bonvicini, V., Pindo, M. Simulating capacitive cross-talk effects in DC-coupled hybrid silicon pixel detectors 69835
Bonvicini, V. *see* Arfelli, F. 90367
Bonvicini, V. *see* Arfelli, F. 90432
Bonvicini, V. *see* Arfelli, F. 110579
Bonvicini, V. *see* Beole, S. 110562
Bonvicini, V. *see* Comes, G. 110613
Bonvin, D. *see* Amrhein, M. 68960
Bonwick, W.J. *see* Chao, C. 112426
Bonwick, W.J. *see* Wai, G.J. 111872
Bonyushkin, E.K. *see* Boichenko, A.M. 75808
Bonzano, L. *see* Barberis, S. 78419
Bonzi, A. *see* Ariante, M. 95405
Bonzom, V. *see* Dentan, M. 90222
Bonzom, V. *see* Dentan, M. 95214
Boo, K.H. *see* Cheng, T.H. 88043
Boo, M., Arguello, F., Bruguera, J.D., Zapata, E.L. High-speed Viterbi decoder: an efficient scheduling method to exploit the pipelining 108166
Boo Bong-Hyun *see* Bong-Hyun Boo
Boo Kim Jong *see* Jong Boo Kim
Boogaard, L. *see* Pidduck, A.J. 95839
Booh, K.H. *see* Khang, Y. 63120
Booi, P.A.A., Benz, S.P. High power generation with distributed Josephson-junction arrays 73752
Booij, W.E. *see* Takeuchi, I. 84886
Book, D.L. *see* Papadopoulos, K. 106298
Book, W.J. *see* Obergfell, K. 110375
Booker, A. *see* Karimi, K.J. 120634
Bookstein, F.L. Landmark methods for forms without landmarks: localizing group differences in outline shape 108510
Bookstein, F.L. Shape and the information in medical images: a decade of the morphometric synthesis 110701
Boom, H.P.A.van den *see* van den Boom, H.P.A.
Boomsma, D.I. *see* Van Baal, G.C.M. 101365
Boon, J.R. *see* Matthews, D.G. 65173
Boon Chong Ng, Chong Meng Samson See Sensor-array calibration using a maximum-likelihood approach 76895
Boon Hwang Ng *see* Ng Boon Hwang
Boon-Hong-Alice Seng, Boon-Hou Tay A practical expert system solution for colour TV diagnostic and repair 79142
Boon-Hou Tay *see* Boon-Hong-Alice Seng 79142
Boon-Lock Yeo *see* Minerva Yeung 99789
Boon-Teck Ooi *see* Yiqiang Chen 121008
Boone, J.L. *see* Wheeler, E.D. 84095
Boone, K.G., Holder, D.S. Effect of skin impedance on image quality and variability in electrical impedance tomography: a model study 120459
Boone, P.M. Some unusual applications of holographic interferometry in a semi-industrial environment 96787
Boone, P.M. *see* Markov, V.B. 96788
Boone, P.M. *see* Sainov, V. 96795
Boone, T. *see* Gossman, H.-J. 63256
Boone, T. *see* Mogi, T.K. 63004
Boone, T. *see* Vuong, H.-H. 63251
Boong Chung Young *see* Young Boong Chung
Boonkosum, W., Kruangam, D., Ratwises, B., Sujaridchai, T., Panyakeow, S., Fujikake, S., Sakai, H. Amorphous SiO:H thin film visible light emitting diode 96037
Boonvanno, P. *see* Collette, L. 109921
Boonzaaier, J. *see* Du Plessis, M. 117099
Boonzaaier, J.J., Baker, D.E. Airborne blade antennas for the 20-500 MHz frequency band 117056
Boor, C.de *see* de Boor, C.
Boos, A. *see* Niemann, E. 103990
Boos, D.D. *see* Lamb, R.H. 82301
Boos, J.B., Kruppa, W., Park, D. Reduction of gate current in AlSb/InAs HEMTs using a dual-gate design 95071
Boos, J.B., Kruppa, W., Park, D., Molnar, B., Bass, R., Goldenberg, M., Bennett, B.R., Mittereder, J. Pd/Pt/Au and AuGe/Ni/Pt/Au ohmic contacts for AlSb/InAs HEMTs 106061
Boos, J.B. *see* Kruppa, W. 104826
Boose, A., Spieker, S., Jentgens, C., Dichgans, J. Wrist tremor: investigation of agonist-antagonist interaction by means of long-term EMG recording and cross-spectral analysis 110851
Boose, A. *see* Spieker, S. 90543
Booske, J.H., Freeman, S.A., Cooper, R.F. Non-thermal interactions between high-strength microwave fields and ceramics 104175
Booske, J.H. *see* Anderson, J. 62630
Booske, J.H. *see* Basten, M.A. 62629
Booske, J.H. *see* Joe, J. 62628
Booske, J.H. *see* Liu, H. 105551
Booske, J.H. *see* Snodgrass, T.G. 114872
Booske, J.H. *see* Speth, R.R. 114871
Booten, A.G.L. *see* Sleijpen, G.L.G. 103756
Booth, B.L. Recent developments in polymer waveguide technology and applications for data link and optical interconnect systems 85062
Booth, B.L. *see* Hahn, K.H. 119222
Booth, C., McDonald, J.R., Laycock, W.J., Bennett, A. Substation based data interpretation techniques for improved power system management 121819
Booth, C., McDonald, J.R., Watson, B. Derivation of power system plant and network operational information from existing process data using novel interpretation techniques 71597
Booth, D. *see* Crow, J.D. 119221
Booth, D.E., Hunt, C.E., Brown, W.E., Stover, R.J. Low temperature adhesion bonding methods 63199
Booth, J.F. *see* Hernandez, G. 101558
Booth, J.G. *see* Boyle, J.W. 75153
Booth, J.L., Beard, B.T., Stevens, J.E., Blain, M.G., Meisenheimer, T.L. In situ wafer temperature monitoring of silicon etching using diffuse reflectance spectroscopy 105605
Booth, K. *see* Boyle, J.W. 75153
Booth, K. *see* McNiff, J. 69459
Booth, L. *see* Kelly, J. 87536
Booth, M.J., Basarab-Horwath, I. Distributed pressure measurement using electrical impedance tomography: initial results 100390
Booth, N.E., Goldie, D.J. Superconducting particle detectors 90155
Booth, N.O. *see* Bachman, R.T. 70506
Booth, R. *see* Farnham, R. 71001
Booth, W. *see* Ipson, S.S. 87020
Boothroyd, C.B. *see* Chen, G.S. 84254
Boothroyd, S. *see* Shoude Chang 77251
Boothroyd, S.A., David, A., Chang, S., Palacharla, P., Chrostowski, J. Nonlinear joint transform correlator with a multiple quantum well photorefractive device 87244
Booton, R.C., Jr. *see* Thng, C.H. 116809
Boots, H.M.J. *see* Hikmet, R.A.M. 79605
Bootsma, T.M.V. *see* van den Berg, M.L. 106054
Booysen, A. *see* Spammer, S.J. 100072
Booysen, A.J., Baker, D.E. Monopulse flat plate array antenna 117098
Booysen, A.J., Erasmus, K., McDonald, S., Baker, D.E. Evaluation of a low sidelobe phased array 117096
Booysen, R. *see* Coetzee, D. 117034
Boppana, R.B., Narayanan, B.O. The biased coin problem 103608
Boppana, V., Hartanto, I., Fuchs, W.K. Fault diagnosis using state information 93037
Boppana, V., Hartanto, I., Fuchs, W.K. Full fault dictionary storage based on labeled tree encoding 104424
Boppart, S.A. *see* Tearney, G.J. 120407
Boqiang Mai *see* Mai Boqiang
Boquan Li *see* Shuyuan Zhang 94590
Boquillon, J.P. *see* Oltra, R. 94795
Bor, S.S. *see* Huang, S.R. 71030
Bor, Zs. *see* Tittel, F.K. 105756
Bor Chuan Hwang *see* Kornreich, P. 116025
Bor Sheau-Shong *see* Sheau-Shong Bor
Bor-Chin Wang, Po-Rong Chang Spread spectrum multiple-access with DPSK modulation and diversity for image transmission over indoor radio multipath fading channels 118402
Bor-Chin Wang *see* Po-Rong Chang 68105
Bor-Jenq Wang, Saka, N., Rabinowicz, E. Au-Sb and Au-Ag-Sb alloys as low-voltage contact materials 62433
Bor-Jenq Wang *see* Leung, C.H. 104919
Bor-Liang Chen, Ming-Tat Ko, Ko-Wei Lih Equitable and m-bounded coloring of split graphs 103660
Bor-Min Wang Waiting time jitter reduction by the optimum random stuff threshold modulation 118006
Bor-Ren Lin Power converter control based on neural and fuzzy methods 71532
Bor-Ren Lin, Tsang-Sum Huang ZCS and ZVS power factor correction 113739
Bor-Shenn Jeng *see* Chi-Jain Wen 117763
Bor-Tow Chen, Yung-Sheng Chen, Wen-Hsing Hsu An efficient fuzzy c-means clustering method with representative block features of image 108456
Bor-Tsuen Wang Characterization of transfer functions for piezoceramic and conventional transducers 110118
Bor-Yir Chen, Jiann-Ruey Chen, Fenq-Lin Jenq, Chum-Sam Hong A theoretical analysis of temperature dependence on hydrogenated amorphous silicon thin-film transistors with the consideration of resistance of the a-Si:H film layer as a function of temperature 106036
Borah, M., Nagendra, C., Vishwanath, M., Owens, R.M., Irwin, M.J. An optimal time multiplication free algorithm for edge detection on a mesh 108694
Borah, M., Owens, R.M., Irwin, M.J. Transistor sizing for low power CMOS circuits 73266
Borah, M., Owens, R.M., Irwin, M.J. Recent developments in performance driven Steiner routing: an overview 93014
Borak, J. *see* Muchoney, D.M. 120889
Borak, J.S., Strahler, A.H. Feature selection using decision trees–an application for the MODIS land cover algorithm 120891
Borany, J.von *see* von Borany, J.
Boras, V., Berberovic, S. Large grounding systems resistance measurement correction 102227
Boratav, M. The extremely high energy cosmic rays and the Auger Observatory project 80115
Borawski, C., Fernback, J. Isopropyl alcohol cleaning [PCB manufacture] 94106
Borba, J.F., Facon, J. A printed circuit board automated inspection system 73888
Borbely-Kiss, I. *see* Rajta, I. 100383
Borchard, P. *see* Chu, T.S. 114526

Borchard, P. *see* Felch, K. 105035
Borchers, C., Hedrich, L., Barke, E. Equation-based behavioral model generation for nonlinear analog circuits 83263
Borchers, J.A., Gehring, P.M., Erwin, R.W., Majkrzak, C.F., Ankner, J.F., Hylton, T.L., Coffey, K.R., Parker, M.A., Howard, J.K. Nature of the interlayer coupling in annealed $Ni_{80}Fe_{20}$/Ag multilayers 64356
Borchers, J.A. *see* McMichael, R.D. 115632
Borchi, E. *see* Biggeri, U. 90126
Borchi, E. *see* Biggeri, U. 100898
Borchi, S. *see* Mascolo, G. 66084
Borchi, S. *see* Mizzoni, R. 76617
Borcke, M.V. *see* Dollinger, F. 95726
Borczyskowski, C.Von *see* Von Borczyskowski, C.
Bordas, J.C., Fuchs, P., Ernadotte, D. Stereo vision and telepresence 92133
Borde, B.L. Generic explicit wavelet tap derivation 86258
Bordelon, M. *see* Baldwin, F. 115022
Borden, M. *see* Plum, M. 89898
Borden, P., Elzingre, M., Aqui, D. In situ particle monitoring: today's technology drivers 60666
Bordet, J.-C. *see* Boudraa, A.-E.-O. 110765
Bordonalli, A.C., Walton, C., Seeds, A.J. High-performance homodyne optical injection phase-lock loop using wide-linewidth semiconductor lasers 96411
Bordure, G. *see* Escoffier, R. 106016
Borecki, J., Kozicki, D., Ladniak, L. Thyristor-switched VAR compensator based on capacitors connected internally in delta 91027
Boreczky, J.S., Rowe, L.A. Comparison of video shot boundary detection techniques 66923
Boreczky, J.S., Rowe, L.A. Comparison of video shot boundary detection techniques 108710
Boreham, B.W. *see* Hora, H. 107486
Boreisho, A.S. *see* Bashkin, A.S. 75810
Borel, C., Culty, B. Portable implementation of a non conform multidomain industrial CFD code on MIMD MPP systems 111034
Borel, C. *see* Simondi-Teisseire, B. 116453
Borel, C. *see* Thony, P. 107169
Borel, C.C., Cooke, B.J., Laubscher, B.E. Partial removal of correlated noise in thermal imagery 108554
Borel, C.C. *see* Henderson, B.G. 108556
Borel, G. *see* Dautriche, D. 106218
Borel, G. *see* Faccio, F. 106018
Borel, G. *see* Guichard, E. 115178
Borel, J. System on silicon, Where are we? 106139
Borella, A., Chiaraluce, F. Proposal of a packet switch based on purely random routing 109322
Borella, M.S., Mukherjee, B. Efficient scheduling of nonuniform packet traffic in a WDM/TDM local lightwave network with arbitrary transceiver tuning latencies 77945
Borella, M.S. *see* Jue, J.P. 77946
Borenstain, S.I., Arad, U., Afanasyev, S., Luybina, I., Segal, A. Processing and characterization of a 128×128 GaAs/GaAlAs quantum well infrared detector array 79421
Borenstein, J., Liqiang Feng UMBmark: a benchmark test for measuring odometry errors in mobile robots 89482
Borenstein, N.S. Perils and pitfalls of practical cybercommerce 87657
Borer, K. *see* Beringer, J. 75766
Bores, P. *see* Tuckova, J. 66602
Borg, E. *see* Tonnquist-Uhlen, I. 90521
Borgard, J.M. *see* Maury, J. 116384
Borgarino, M., Paorici, F., Fantini, F. Negative V_{BE} shift due to base dopant outdiffusion in DHBT 94931
Borgarino, M. *see* Menozzi, R. 115252
Borgatti, M., Rambaldi, R., Gori, G., Guerrieri, R. A smoothly upgradable approach to virtual emulation of HW/SW systems 73290
Borge, T.K. Real time ambiguity resolution by a cube of Kalman filters 79048
Borgeaud, P. *see* Dentan, M. 95214
Borges, A. *see* Law, H.H. 63413
Borges, A.R. *see* Nuno Lau, J. 98187
Borges, A.R. *see* Velez, J. 98186
Borges, B.V., Caeiro, G., Anunciada, V. A 6 kW/4 kV input DC-DC high frequency parallel resonant converter for railways applications 71832
Borges, B.V., Zubrzycki, W.J., Herczfeld, P.R., Kravitz, S.H., Hadley, G.R., Vawter, G.A., Corless, R.F., Smith, R.E., Wendt, R., Word, J.C., Bauer, T.M. GaAs Fabry-Perot modulator for microwave applications 99594
Borges, B.V. *see* Zubrzycki, W.J. 65001
Borges, R. Numerical simulation of silicon hyperabrupt diodes for VCO applications 73750
Borges, R. Equivalent circuit modeling of silicon bipolar junction transistors for nonlinear CAD 84312
Borges, R. *see* Williams, A. 74660
Borges Sousa, J. *see* Lobo Pereira, F. 90833
Borghese, N.A. Images clustering through neural networks 117868
Borghese, N.A. *see* Fontana, M. 117869
Borghetti, A., Caldon, R., Mari, A., Nucci, C.A. Voltage stability: the role of dynamic loads representation in dynamic analyses 90933
Borghetti, A., Iorio, R., Nucci, C.A., Pelacchi, P. Calculation of voltages induced by nearby lightning on overhead lines terminated on distribution transformers 111650
Borghetti, A., Nucci, C.A., Pagani, P., Spelta, S., Varnelli, V., Zanobetti, D. Model of the electrical auxiliaries of a thermoelectric power station for a real-time training simulator 102430
Borghi, C.A., Cristofolini, A., Fabbri, M. A combined technique for the global optimization of the inverse electromagnetic problem solution 107764
Borghi, C.A., Cristofolini, A., Fabbri, M., Montevecchi, N. A time dependent two-dimensional method for the solution of the magnetoplasma dynamic coupled problem 107796
Borghi, C.A., Fabbri, M. A global optimization method for the solution of a magnetic field synthesis problem 65677
Borghoff, U.M., Pareschi, R., Karch, H., Nohmeier, M., Schlichter, J.H. Constraint-based information gathering for a network publication system 87840
Borghs, G. *see* Abbade, M.L.F. 94528
Borghs, G. *see* de Boeck, J. 61283
Borghs, G. *see* De Boeck, J. 64201
Borghs, G. *see* De Keyser, A. 62742
Borghs, G. *see* Grietens, B. 116272
Borghs, G. *see* Lepercq, P. 95488
Borghs, G. *see* Nitta, J. 105257
Borghs, G. *see* Thienpont, H. 85190
Borghs, G. *see* Yan, Z.C. 116277
Borglind, J. *see* Andersson, J.Y. 69165
Borgmann, J. *see* Burghoff, M. 101073
Borgmeyer, K.L. An economical 138 kV TEE-OFF for distribution substations 91692
Borgnino, A. *see* St. John, M. 91215
Borgnino, J. *see* Nolibe, L. 108552
Borgonovo, F., Fratta, L., Zorzi, M., Acampora, A. Capture division packet access: a new cellular access architecture for future PCNs 109465
Borgonovo, F., Zorzi, M. Slotted ALOHA and CDPA: a comparison of channel access performance in cellular systems 88271
Borgonovo, F., Zorzi, M., Fratta, L. Antenna sectorization and macrodiversity in CDPA wireless systems 68267
Borgonovo, F., Zorzi, M., Fratta, L. Performance of capture-division packetized access (CDPA) with partial frequency reuse and power control 78513
Borgonovo, F., Zorzi, M., Fratta, L., Trecordi, V., Bianchi, G. Capture-division packet access for wireless personal communications 68077
Boria, V.E., Baquero, M., Ferrando, M. Analysis of multireflector antenna clusters by spectral methods 66053
Boric-Lubecke, O., Dee-Son Pan, Itoh, T. Fast electric pulse excitation of an oscillator with several tunneling devices in series 62244
Boric-Lubecke, O., Dee-Son Pan, Itoh, T. DC instability of the series connection of tunneling diodes 73739
Boric-Lubecke, O., Dee-Son Pan, Itoh, T. Free-space RF triggering of an active antenna with series-connected tunneling diodes 85996
Borie, B., Hoummady, B., Anthonioz, J.-L. An autonomous automatic tunnel incident detection equipment using video image processing. EVA: equipement visionique autonome 98188
Borin, V.N., Kolobanova, N.N., Rakhmatulin, A.V. Electrical strength of compressed air as insulation of transmission lines 81091
Boring, W. *see* Jain, R. 87669
Borini, A. *see* Riccardi, C. 68990
Borisenko, V. *see* Dorofeev, A. 94292
Boriskin, A.S., Gusev, N.I., Zolotov, V.A., Zolotovskii, V.I., Kravchenko, A.S., Yuryzhev, A.S. Transportable lightning stroke simulators based on magnetic cumulative generators 71216
Boriskina, S.V., Nosich, A.I. Numerical simulation of surface-wave band-stop filters 114236
Borisko, V.N. *see* Bitnaya, I.A. 62608
Borisov, A.A., Kozhin, A.S., Fakhrutdinov, R.M. A long(7.4) drift tube with four wire field-shaping electrodes 69795
Borisov, G., Mariotti, C. Fine tuning of track impact parameter resolution of the DELPHI detector 69841
Borisov, N., Gurevich, A., Papadopoulos, K., Chang, C.L. Direct Cerenkov excitation of waveguide modes by a mobile ionospheric heater 97134
Borisov, N.S., Matafonov, V.N., Neganov, A.B., Plis, Yu.A., Shchevelev, O.N., Usov, Yu.A., Jansky, I., Rotter, M., Sedlak, B., Wilhelm, I., Gurevich, G.M., Lukhanin, A.A., Jelinek, J., Srnka, A., Skrbek, L. Target with a frozen nuclear polarization for experiments at low energies 120104
Borisov, N.S. *see* Anischenko, N.G. 120106
Borisov, N.S. *see* Bazhanov, N.A. 69699
Borisov, O.N., Gul'bekyan, G.G. Feasibility of the production and extraction of a beam of radioactive ions formed at an internal target in the U-400M cyclotron 100785
Borisov, R.K., Kolechitskii, Ye.S., Gorshkov, A.V., Balashov, V.V. Procedure and technical equipment for diagnosing earthing system conditions in electrical power installations 102225
Borisov, R.K. *see* Matveyev, V.F. 71595
Borisov, S.A. *see* Benderskaya, L.P. 75716
Borisov, V.P., Burtsev, V.V., Velikanov, S.D., Kormer, S.B., Sinitsyn, M.V., Urlin, V.D., Frolov, Yu.N., Shchurov, V.V. Pulsed chemical laser with a reaction initiation by high power light sources 65040
Borisov, V.P., Velikanov, S.D., Zapolsky, A.F., Kormer, S.B., Synitsin, M.V., Urlin, V.D., Frolov, Y.N., Shurov, V.V. Chemical hydrogen fluoride lasers 116326
Borisov, V.Y. *see* Semenov, S.Y. 101294
Borisova, N.M. *see* Ol'khovik, L.P. 84805
Borjak, A., Monteiro, P., Darwazeh, I.Z., O'Reilly, J.J. Distributed amplifiers with embedded signal shaping for multigigabit transmission systems 62312
Borjak, A., Moura, L., Darwazeh, I.Z., O'Reilly, J.J. Noise modelling of the distributed amplifier based optical receiver 78720
Borjeson, H. *see* De Backer, B. 107913
Borjesson, P., Gustavsson, L. Regional production and utilization of biomass in Sweden 91257
Borjesson, P.O. *see* Eriksson, H.B. 67502
Borjesson, P.O. *see* Odling, P. 67501
Borjesson, P.Ola *see* Ola Borjesson, P.
Borjesson, T., Sundgren, H., Eklov, T., Jonsson, A., Schnurer, J. Grain odour classification with an electronic nose 69353
Borkes, J. *see* Hopf, B. 73646
Borkes, J.J. *see* Kalayci, Y. 62331
Borkowicz, Z. *see* Hudek, P. 63504
Borky, J.M., Singaraju, B.K., Stevens, K.B. An advanced spacecraft avionics architecture 80567
Borland, J. *see* Brown, C.J. 90600
Borland, J.O., Seidel, T.E. Epi replacement in manufacturing using MeV implantation 84088
Borland, M. Commissioning of the Argonne positron accumulator ring 79774
Borland, M. *see* Lumpkin, A. 100540
Borland, R.J. *see* Wolfgang, R.J. 81275
Borland, W. *see* Keusseyan, R.L. 89281
Borle, L. Four quadrant power flow in a ramptime current controlled converter 71468
Borle, L., Dymond, M., Nayar, C.V. Development and testing of a 20 kW grid interactive photovoltaic power conditioning system in Western Australia 111850
Borle, L.J., Nayar, C.V. Ramptime current control [for power convertors] 71460
Borm, P. *see* Van den Nouweland, A. 77771
Borm, P.E.M., Cao, R., Garcia-Jurado, I. Maximum likelihood equilibria of random games 72450
Bormann, C., Fleischmann, B., Grebieszkow, J., Guenther, J., Roehrich, D., Stock, R., Stroebele, H. A software environment for the NA49 TPCs 90198
Bormann, F. *see* Nielsen, T. 69539
Bormann, P. *see* Stockmann, M. 99920
Bormans, G. *see* Nuyts, J. 90313
Bormatova, L. *see* Zhimov, V.V. 73972
Bormida, G.da *see* da Bormida, G.
Born, C. Analysis of visual information by receptive field dynamics 108725
Born, R. *see* Endler, I. 72917
Bornain Chiu *see* Hastings, M.C. 75998
Borne, S. *see* Riant, I. 75444
Bornemann, F.A., Erdmann, B., Kornhuber, R. A posteriori error estimates for elliptic problems in two and three space dimensions 82511
Bornemann, H.J. *see* Schmitt, U. 95620
Bornemann, J. *see* Amari, S. 73680
Bornemann, J. *see* Gimersky, M. 83546
Bornemann, J. *see* Gimersky, M. 108012
Bornemann, J. *see* Sieverding, T. 114216
Bornemann, W., Trumper, M., Jensen, L.L. INTELSAT VIII antennas 66020
Borner, G. *see* Kaufhold, M. 121470
Bornholdt, C. *see* Hoffman, D. 88558
Bornholdt, C. *see* Reier, F.W. 103843
Borning Zhan *see* Zhan Borning
Borninski, T.E. *see* Saltzberg, M.A. 65899
Bornkamp, B., Kegel, A., Prasad, R. Macro and micro diversity in land-mobile cellular radio telephony networks with discontinuous voice transmission 68263
Bornkessel, C., Wiesbeck, W. Numerical analysis and optimization of anechoic chambers for EMC testing 107938
Bornman, N.J.J., Palmer, K.D. VHF antenna system for a micro satellite (SUNSAT) 117009
Bornmann, S. *see* Manzel, M. 93701
Bornstein, B.A. *see* Lu, X.-Q. 70202
Borocz, S. *see* Richter, P.I. 111212
Boroczky, L. *see* Csillag, P. 86510
Boroczky, L. *see* Kiss, C.I. 98288
Borodich, A.I., Khrutchinsky, A.A., Stolyarsky, V.I. The description of high current beam dynamics using Lie algebraic methods 90014
Borodin, A., Kleinberg, J., Raghavan, P., Sudan, M., Williamson, D.P. Adversarial queueing theory 98381
Borodin, A.M., Gurashvili, V.A., Kuzmin, V.N., Kurnosov, A.K., Napartovich, A.P., Turkin, N.G., Shchekotov, E.Y. Electron-beam-controlled CO laser with supersonic flow of the active mixture 65039
Borodin, S.M. *see* Tikhonov, O.A. 67789
Borodina, E.L., Gorskaya, N.V., Gorsky, S.M., Khilko, A.I., Shirokov, V.N. Multi-view acoustical imaging in the ocean 98278
Borodovski, P.A. *see* Baturina, T.I. 105273
Borodovskii, P.A., Buldygin, A.F. A microwave waveguide device for measuring the uniformity of $Cd_xHg_{1-x}Te$ epitaxial films 79675

Borodulin, M.Yu. Tracking control synthesis of the single-bridge converter 102865
Boronat, M. *see* Fernandez Lillo, E. 71071
Borong Shi *see* Shi Borong
Boroojerdian, P. *see* Ansari, S.G. 110249
Boros, P., Blake, R.E. Appearance graph generation using ray tracing and graph matching 86693
Boros, P. *see* Blake, R.E. 87115
Borovich, B.L., Yurchenko, N.I. Physics of transverse-discharge copper vapour lasers 116373
Borovikov, P.V. *see* Gielkens, S.W.A. 85381
Borovitskii, S.I. *see* Klushin, A.M. 106695
Borovkov, A.I., Nikulina, L., Shiryaev, P., Dang, S., Korsunsky, V., Panin, A., Privalova, E., Sukhanova, M. ITER central solenoid prototype sample design and three dimensional finite element modeling 95581
Borovskii, R.E., Korogod, V.V., Strukov, I.A. Low-noise cooled degenerate parametric amplifiers for the MM wavelength range for spaceborne radiometers 104813
Borowik, P., Goettig, S. Monte Carlo study of electron velocity variance in GaAlAs/GaAs/GaAlAs quantum well 83918
Borowski, M., Traverse, A., Dallas, J.P. Structural characterization of Ti implanted AlN 74525
Borowy, B. *see* Bagul, A.D. 71715
Borowy, B.S., Salameh, Z.M. Methodology for optimally sizing the combination of a battery bank and PV array in a wind/PV hybrid system 81364
Boroyevic, D. *see* Zhang, R. 121612
Boroyevich, D. *see* Hengchun Mao 71447
Boroyevich, D. *see* Hengchun Mao 71465
Boroyevich, D. *see* Hiti, S. 121617
Boroyevich, D. *see* Mao, H. 121618
Boroyevich, D. *see* Wang, K. 121609
Borozan, V., Rajicic, D., Ackovski, R. A method for loss minimization in unbalanced distribution networks 102125
Borri, G. *see* Aiazzi, B. 111090
Borrill, A. *see* Salman, S.K. 91139
Borrione, D. *see* Wahba, A.M. 83090
Borrione, D. *see* Wahba, A.M. 113825
Borsato, E. *see* De Giorgi, M. 120221
Borsboom, H.M. *see* Claasen-Vujcic, T. 101224
Borsboom, P.-P. *see* Levy, M.F. 78969
Borsella, E. *see* Chiussi, S. 113322
Borselli, L. *see* Maci, S. 76372
Borselli, L. *see* Maci, S. 108048
Borsenberger, P.M. *see* O'Regan, M.B. 64894
Borshch, A.A. *see* Maloletov, S.M. 96818
Borshchevsky, A. *see* Caillat, T. 114671
Borshukov, G.D., Bozdagi, G., Altunbasak, Y., Tekalp, A.M. Multi-stage affine parameter clustering for improved motion segmentation 66991
Borsi, H. *see* Wenzel, D. 102812
Borsi, J.J. *see* Gooley, T.D. 101659
Borsing, N. *see* Bourke, M.M. 63300
Borsodi, T.P., Nowrouzian, B. Closed form solution of granular quantization error for multi-loop sigma-delta modulator configurations 93506
Borsodi, T.P., Nowrouzian, B. Equivalent open-loop system for a general class of sigma-delta modulator configurations 93512
Borsodi, T.P., Nowrouzian, B. A general approach to the AC and DC analysis of a class of sigma-delta modulator configurations 104633
Borsosfoldi, Z., Larkin, I.A., Rahman, M., Davies, J.H., Holland, M.C., Weaver, J.M.R., Long, A.R., Williamson, J.G. Coulomb blockade of tunneling in split-gate semiconductor devices at 4 K: observation and modeling 63810
Borst, C. *see* Pasterkamp, G. 120398
Borst, C. *see* Post, M.J. 69976
Borst, P.M. *see* Sapaty, P.S. 87740
Borst, S., Mitra, D. Optimal connection admission control in ATM networks 117962
Borst, T.H. *see* Gluche, P. 63576
Borst, T.H. *see* Vescan, A. 84152
Borst, T.H. *see* Wolter, S.D. 72891
Borsuk, G.M. Recent progress in GaN devices 105175
Borthick, S. Strategic dreams, real tactics [corporate networking] 118379
Borthick, S.L. Can video over POTS restart multimedia? 67917
Borthwick, W. Research and Technology Development in Europe: the Joule-Thermie programme 102943
Bortolami, S.B. *see* Lorenzini, E.C. 111026
Bortolazzi, J., Hirth, T., Raith, T. Specification and design of electronic control units 122062
Bortoletto, F., Bonoli, C., D'Alessandro, M., Fantinel, D., Farisato, G., Bonanno, G., Bruno, P., Cosentino, R., Bregoli, G., Comari, M. CCD cameras for the Italian National Telescope GALILEO 100137
Bortoli, E.De *see* De Bortoli, E.
Bortoli, M.De *see* De Bortoli, M.
Bortolini, J.R. *see* Grimes, G.J. 116290
Bortolotti, C., Cattani, A., D'Amico, N., Grueff, G., Maccaferri, A., Montebugnoli, S., Orfei, A., Roma, M., Tomasetti, G., Tuccari, G., Tugnoli, M. A mini-spectrum analyzer for molecular spectroscopy and SETI 79102
Bortolozzi, F. *see* Dias, A.V. 87046
Bortoni, G., Lusvarghi, R., Lacoste, J., Trotignon, M. Impact of newly conceived flexible AC transmission system control strategies on the dynamic behaviour of power system 91097
Bortsov, Yu.A., Polyakovv, N.D., Sokolov, P.V. Modified signal type adaptive algorithm for dynamic plant control [electric drives] 71796
Bortz, M. Spectroscopic and process control applications of external cavity diode lasers 65591
Bortz, M.L., Fejer, M.M., Levenson, M.D. Servo control of the phasematching condition for tunable SHG laser systems 107524
Bortz, M.L. *see* Galanti, S.A. 96699
Bortz, M.L. *see* Sanders, S. 65502
Boru Feng *see* Feng Boru
Borucki, L. *see* Dupuy, P. 104330
Borucki, L. *see* Kubsky, S. 100756
Borup, R.L., Vanderborgh, N.E. Design and testing criteria for bipolar plate materials for PEM fuel cell applications 112326
Borusik, O. *see* El-Kader, K.M.A. 94319
Borwein, J.M., Lewis, A.S., Noll, D. Maximum entropy reconstruction using derivative information. I. Fisher information and convex duality 117307
Borwein, P., Erdelyi, T. The integer Chebyshev problem 60920
Borwick, R. *see* Rosker, M.J. 116646
Borys, A. Model-based time-delay estimation [two-phase flow] 79275
Borys, A. On fading memory and asymptotic properties of steady state solutions for digital systems 117110
Borys, M., Kroeger, W., Fuchs, W. Particle size measurement by phase Doppler anemometry with optical phase shift 69489
Borzdov, Y.M. *see* Antsygin, V.D. 103824
Borzenets, V. *see* Semenchinsky, S. 94611
Borzenko, T., Koval, Y., Kudryashov, V. Exposing of surface layers of PMMA structures by low energy (1000-6000 eV) electron irradiation 105811
Borzi, G. *see* Aiello, G. 96893
Borzi, G. *see* Alfonzetti, S. 107859
Borzov, S.M., Kozik, V.I., Potaturkin, O.I. Adaptive method for small-size image recognition with iterative processing of correlation functions 77223
Borzunov, Yu.T. *see* Anischenko, N.G. 120106
Borzycki, K. ADSS and OPGW optical fiber cables manufactured by Siemens 99492
Bos, A., Callies, J., Lefebvre, A. Model-based monitoring and diagnosis of a satellite-based instrument 90699
Bos, A.J.J. *see* Meijvogel, K. 110960
Bos, A.Van Den *see* Van Den Bos, A.
Bos, J.E. *see* Groen, E. 69951
Bos, L.J., Piek, J.J., Spaan, J.A.E. Effects of shadowing on the time-intensity curves in contrast echocardiography: a phantom study 69974
Bos, L.P., Grabenstetter, J.E., Salkauskas, K. Pseudo-tensor product interpolation and blending with families of univariate schemes 82526
Bos, M.F.J., Beune, R.J.L., Van Amerongen, R.A.M. On the incorporation of a heat storage device in Lagrangian relaxation based algorithms for unit commitment 70786
Bos, P. *see* Flynn, M.F. 100244
Bos, P. *see* Vithana, H. 69399
Bos, P.J. Passive optical phase retarders for liquid crystal displays 89319
Bos, P.J. *see* Chen, J. 110283
Bos, P.J. *see* Culter, R.G. 89381
Bos, P.J. *see* Fredley, D.S. 89346
Bos, P.J. *see* Fredley, D.S. 110301
Bos, P.J. *see* Jianlin Li 110302
Bos, P.J. *see* Jianmin Chen 64825
Bos, P.J. *see* Kongslie, K.F. 89380
Bos, T.A., Lott, U. PCS amplifier with integrated power control 88281
Bosacchi, A. *see* Bogani, F. 62999
Bosacchi, B. Fuzzy logic application to quality and reliability in microelectronics 106130
Bosamykin, V.S., Voinov, M.A., Gordeev, V.S., Kuvshinov, M.I., Morunov, K.A., Pavlovskii, A.I., Selemir, V.D. Feasibility study of an intense pulsed neutron source based on a powerful electron accelerator and a pulsed nuclear reactor 100797
Bosc, D. *see* Vinouze, B. 89344
Bosc, J.M., Sarrabayrouse, G., Guerre, F.X. Total dose effects on elementary transistors of a comparator in bipolar technology 106185
Boscagli, G., Comparini, M.C., Giordani, R., Martone, M. On-board signal acquisition strategies for deep space transponders 78637
Boscagli, G., Giordani, R., Micaloni, M. A coherent Ka band transponder for Doppler detection of gravitational waves 69472
Boscardin, M. *see* Bellutti, P. 84610
Boscardin, M. *see* Betta, G.F.D. 63800
Boscardin, M. *see* Dalla Betta, G.F. 120204
Bosch, B.G. *see* Behammer, D. 105908
Bosch, B.G. *see* Krampe, S. 82664
Bosch, F. *see* Winkler, T. 79836
Bosch, G.Van den *see* Van den Bosch, G.
Bosch, J. *see* Roura, P. 105168
Bosch, L.A. Dynamic uses of image intensifiers 79520
Bosch, M.A. *see* Walchli, U. 89559
Bosch, P. *see* Wojciechowski, D. 119802
Bosch, R. *see* Bangert, A. 69189
Bosch, R.A., Trzeciak, W.S. Horizontal-vertical coupling correction at Aladdin 79913
Bosch, S., Campos, J., Montes-Usategui, M., Sallent, J. Design of correlation filters invariant to degradations characterizable by an optical transfer function 108491
Bosch, S.van den *see* van den Bosch, S.
Bosch, T., Servagent, N., Boyer, F. Vibrations measurements with a self-mixing type laser displacement sensor for modal analysis 110386
Bosch, T., Servagent, N., Chellali, R., Lescure, M. A scanning range finder using the self-mixing effect inside a laser diode for 3-D vision 109800
Bosch, W. *see* Imbornone, J. 62276
Bosch, W.R. *see* Michalski, J.M. 70219
Boschen, A.C. Esperanto: to enhance international collaboration on technology in the broader interest of society 92365
Boscher, C. *see* Acher, O. 115575
Boscher, D., Bourdarie, S., Beutier, T. Dynamic modeling of trapped particles 70481
Boscheron, A. *see* Thiell, G. 85421
Boscheron, A.C.L., Sauteret, C.J., Migus, A. Efficient broadband sum frequency based on controlled phase-modulated input fields: theory for 351-nm ultrabroadband or ultrashort-pulse generation 65486
Boscheron, A.C.L., Sauteret, C.J., Migus, A. Efficient broadband frequency mixing using phase-modulation matching 85698
Boschet, C. *see* Tanne, G. 62199
Boschetti, C., Abramof, E., Rappl, P.H.O., Bandeira, I.N., Motisuke, P., Hayashi, M.A., Cardoso, L.P. Characterization of PbTe expitaxial layers grown on BaF$_2$/CaF$_2$/Si structures 72950
Boschi, T. *see* di Natale, C. 100155
Bosco, G.C. *see* Pogliano, U. 88931
Bosco Leung *see* Sen, S. 104361
Bosco Leung *see* Subhajit Sen 61665
Boscolo, I. *see* Geissler, K. 62648
Bosdogianni, P., Petrou, M., Kittler, J. Robust mixed pixel classification using the hypothesis testing Hough transform 120737
Bose, A. *see* Banerjee, P. 79043
Bose, A. *see* Bohmann, L.J. 91495
Bose, A. *see* Castro, C.A. 111467
Bose, A. *see* Christie, R.D. 101919
Bose, B., Broeg, B. Lee distance Gray codes 66344
Bose, B. *see* Arunachalam, M. 112106
Bose, B. *see* Gorshe, S.S. 104472
Bose, B. *see* Tallini, L.G. 66382
Bose, D.N., Bhattacharya, P., Kumar, A., Pal, D., Bhunia, S. OMVPE growth of III-V compounds and ternary alloys for optoelectronics 104075
Bose, D.N. *see* Bhumia, S. 94480
Bose, D.N. *see* Pal, D. 62727
Bose, J.D. *see* Mirfakhraei, N. 68167
Bose, J.D. *see* Mirfakhraei, N. 118853
Bose, P., Lenhart, W., Liotta, G. Characterizing proximity trees 92634
Bose, R., Steinberg, B.D., Carlson, D. High resolution imaging with spectrally thinned wideband waveforms 78979
Bose, R. *see* Freedman, A. 86172
Bose, R. *see* Freedman, A. 109709
Bose, R. *see* Steinberg, B.D. 99657
Bose, S., Agrawal, V.D. Sequential logic path delay test generation by symbolic analysis 61778
Bose, S., Ray, S., Barua, A.K. Textured aluminium-doped ZnO thin films prepared by magnetron sputtering 94332
Bose, S., Steinhardt, A.O. Invariant tests for spatial stationarity using covariance structure 76981
Bose, S., Steinhardt, A.O. Optimum array detector for a weak signal in unknown noise 86269
Bose, S. *see* Cardoso, J.-F. 117492
Bose, S. *see* Mukhopadhyay, S.C. 111957
Bose, S. *see* Narayanan, S.S.Y. 111831
Bose, S. *see* Niedernostheide, F.-J. 105861
Bose, S. *see* Yegna Narayanan, S.S. 81347
Bose, S. *see* Yegna Narayanan, S.S. 111954
Bose, T. *see* Joo, K.S. 83227
Bose, T. *see* Kyung Sub Joo 86469
Bose, T. *see* Rajan, S. 76924
Boseck, S. *see* Scheer, U. 84752
Bosella, A. *see* Derewonko, H. 73813
Bosella, A. *see* Derewonko, H. 104875
Bosen Qian *see* Qian Bosen
Bosenberg, J. *see* Wulfmeyer, V. 101554
Bosenberg, W.R., Drobshoff, A., Alexander, J.I., Myers, L.E., Byer, R.L. Continuous-wave singly resonant optical parametric oscillator based on periodically poled LiNbO$_3$ 65498
Bosenberg, W.R., Drobshoff, A., Alexander, J.I., Myers, L.E., Byer, R.L. 93% pump depletion, 3.5-W continuous-wave, singly resonant optical parametric oscillator 107607
Bosenberg, W.R. *see* Myers, L.E. 65443
Bosenberg, W.R. *see* Myers, L.E. 96692
Boser, B.E., Howe, R.T. Surface micromachined accelerometers 69086
Boser, B.E. *see* Lemkin, M. 119626
Boshart, M.A., Bailes, A.A., III, Seiberling, L.E. Site exchange of Ge and Sb on Si(100) during surfactant-mediated epitaxial growth 92762
Boshi Chen *see* Xiaogang Feng 91814
Boshoff, S., Magg, T., Bergmann, K., Schettler, F. Digital and real time studies of the ESKOM SVCs 70825
Boshoff, S. *see* Bergmann, K. 91087

Boshra, M., Zhang, H. An efficient pixel-based technique for visual verification of 3-D object hypotheses 86779
Bosi, F., Cardini, A., Cavasinni, V., Di Girolamo, B., Dolinsky, S.I., Flaminio, V., Gorin, A.M., Manuilov, I.V., Rizzi, D., Ruberti, R., Salnikov, A.A., Tareb-Reyes, M. Tests of a scintillating-fibre tracking detector based on position-sensitive photomultiplier readout 90134
Bosi, F. *see* Mours, B. 100821
Bosi, F. *see* Mours, B. 120196
Bosi, M., Forshay, S.E. High quality audio coding for HDTV: an overview of AC-3 68884
Bosiers, J. *see* Kleimann, A. 89164
Bosiers, J.T. *see* Boersma, Y.A. 89165
Bosiers, J.T. *see* Roks, E. 89163
Bosiers, J.T. *see* Roks, E. 110201
Bosio, L. *see* Allotta, B. 80419
Bosisio, A., Capsoni, C., Paraboni, A., Corazza, G.E., Vatalaro, F., Vassallo, E. Analysis and applications of short-distance site diversity techniques for 20/30 GHz communication links 78616
Bosisio, A.V., Riva, C. Site diversity performance in 10/30 GHz band: a comparison of prediction methods 109339
Bosisio, A.V. *see* Lyons, B.N. 65837
Bosisio, L. *see* Mours, B. 100821
Bosisio, L. *see* Mours, B. 120196
Bosisio, R.G. *see* An, H. 114360
Bosisio, R.G. *see* Benelbar, R. 114285
Bosisio, R.G. *see* Hongming An 83328
Bosisio, R.G. *see* Hongming An 108062
Bosisio, R.G. *see* Huyart, B. 69465
Bosisio, R.G. *see* Liang Han 93856
Bosisio, R.G. *see* Maurin, D. 69002
Bosisio, R.G. *see* Rahal, A. 114264
Bosisio, R.G. *see* Xu, Y. 76517
Bosisio, R.G. *see* Yansheng Xu 97255
Boskovic, A., Chernikov, S.V., Taylor, J.R., Gruner-Nielsen, I., Levring, O.A. Direct measurement of nonlinear coefficient of various types of telecommunications optical fibers 119239
Boskovic, A., Chernikov, S.V., Taylor, J.R., Nielsen, L.G., Levring, O.A. Measurement of n_2 of various types of fibres used for ultra-high bit rate transmission 75448
Boskovic, M. *see* Djordjevich, A. 79466
Bosley, B. *see* Venkatesan, V. 113730
Bosley, L., Slattery, K.P., Canestrari, D., Trent, J. Multichip modules: analysis of electromagnetic interference effects by MCM implementation versus single-chip package approach 94142
Bosma, A. *see* Krabbenborg, B.H. 74667
Bosma, P.H. *see* Kluepfel, H.M. 118502
Bosman, G. *see* Simoen, E. 105856
Bosman, G. *see* Wang, D.C. 69117
Bosman, G. *see* Wang, D.C. 69162
Bosmans, R. *see* Scherer, K. 106916
Bosnjakovic, R. Noise reduction in hydroelectric power plants and big industrial halls 81340
Bosotti, A. *see* Giove, D. 89909
Boss, M. *see* Mueller, U. 69711
Boss, P.A. *see* Lieberman, S.H. 70536
Bossard, P. *see* Blas, F. 79935
Bossart, R., Braun, H., Chautard, F., Comunian, M., Delahaye, J.P., Godot, J.C., Kamber, I., Madsen, J.H.B., Rinolfi, L., Schreiber, S., Suberlucq, G., Wilson, I., Wuensch, W. CLIC Test Facility developments and results 89668
Bossart, R., Braun, H., Dehler, M., Godot, J.C. A 3 GHz photoelectron gun for high beam intensity 94181
Bossart, S.J. Technology demonstrations in the Decontamination and Decommissioning Focus Area 81239
Bossavit, A. "Small parameter" problems in eddy-current theory: a review, and case-study on how to avoid meshing small air-gaps 65683
Bossavit, A. On "dynamic" versus "static" homogenization of Bean's model for superconductive bundles 95451
Bossavit, A. *see* El Feddi, M. 107721
Bossavit, A. *see* Maslouh, M. 95453
Bossche, A. *see* Kadar, Z. 84628
Bossche, A. *see* Kadar, Z. 88991
Bossche, M.Vanden *see* Vanden Bossche, M.
Bossche, N.Van Den *see* Van Den Bossche, N.
Bosse, E. *see* Grenier, D. 76988
Bosse, E. *see* Li, J. 119269
Bosse, E. *see* Roy, J. 111411
Bosse, E. *see* Simard, M.-A. 111421
Bosse, E. *see* Wang, F. 99614
Bosse, H. *see* Haitjema, H. 89492
Bossel, U. UBOCELL: an innovative SOFC design for small scale applications 81750
Bosselaers, A., Govaerts, R., Vandewalle, J. Fast hashing on the Pentium 97530
Bosselaers, A. *see* Dobbertin, H. 66505
Bosselaers, A. *see* Rijmen, V. 66508
Bosser, J., Caspers, F., Chanel, M., Ley, R., Maccaferri, R., Maury, S., Molinari, G., Tranquille, G., Varenne, F. Neutralisation of the LEAR electron-cooling beam: experimental results 89844
Bossert, D.J., Paxton, A.H. Formation of filaments in tapered amplifiers 96370
Bossert, D.J. *see* Dente, G.C. 96246
Bossert, M., Dieterich, H., Shavgulidze, S. Partitioning of convolutional codes using a convolutional scrambler 108152
Bossert, M., Sidorenko, V. Singleton-type bounds for blot-correcting codes 66390
Bossert, P., Behr, N., Fabel, M., Rottenbacher, C., Schlotjunker, S. Profit-centre-oriented controlling at DEF 80848
Bossert, P.J., Arakaki, S. Strategies for statewide K-16 Internet access services 92074
Bosshard, C. *see* Pan, F. 113283
Bosshard, C. *see* Serbutoviez, C. 85620
Bosshard, Ch., Spreiter, R., Zgonik, M., Gunter, P. Cascaded nonlinearities of organic and inorganic single crystals 85655
Bosshard, Ch. *see* Kaatz, P.G. 85649
Bosshard, H.J., Danieli, G., Jenk, H. SYDINET: The transmission superhighway 98591
Bossi, D.E. *see* Leonberger, F.J. 64996
Bosso, S. *see* Sochtig, J. 64780
Bostan, V. *see* Patrascoiu, S. 111448
Bosteels, M. Gases and liquids in RICH detectors 69737
Bostel, A. *see* Deconihout, B. 79562
Bostica, B. Optical packet switching and interconnection optical 99037
Bostick, F.X. *see* Ferdjallah, M. 101408
Bostman, R. *see* Koponen, P. 102282
Bostman, R. *see* Koponen, P. 111684
Boston, J.R. *see* Dong-Oh Lee 69426
Bostrom, M., Engstedt, M. Feature interaction detection and resolution in the Delphi framework 67650
Boswell, C.J. A feedback strategy for a closed loop end-of-life cycle process 60755
Boswell, E.C., Huang, M., Smith, G.D.W., Wilshaw, P.R. Characterisation of porous silicon field emitter properties 73987
Boswell, E.C., Huang, M., Smith, G.D.W., Wilshaw, P.R. Characterization of porous silicon field emitter properties 83694
Boswell, E.C., Huq, S.E., Huang, M., Prewett, P.D., Wilshaw, P.R. Polycrystalline silicon field emitters 73928
Boswell, E.C., Huq, S.E., Huang, M., Prewett, P.D., Wilshaw, P.R. Polycrystalline silicon field emitters 83696
Boswell, F.W., Bennett, J.C. Charge density waves in Nb_3Te_4: effects of indium and thallium intercalation 105198
Boswell, R. *see* Durandet, A. 75546
Boswell, R.W. *see* Beltrami, D.R. 75657
Boswell, W.D., Jr. *see* Shrivastava, P.N. 110893
Boszormenyi, I. *see* Kuo, D. 115754
Boszormenyi, I. *see* Rauch, G.C. 115681
Bot, P.De *see* De Bot, P.
Bot, P.G.M.De *see* De Bot, P.G.M.
Botcharev, A. *see* Grann, E.D. 62830
Botchkarev, A. *see* Li, J.Z. 105153
Botchkarev, A. *see* Look, D.C. 74262
Botchkarev, A. *see* Look, D.C. 105162
Botchkarev, A. *see* Martin, G. 62792
Botchkarev, A. *see* Smith, M. 114774
Botchkarev, A. *see* Song, J.J. 96330
Botchkarev, A.E. *see* Dae-Gyu Park 114839
Botchkarev, A.E. *see* Mohammad, S.N. 72873
Botchkarev, A.E. *see* Mohammad, S.N. 106077
Botchkarev, A.E. *see* Ruvimov, S. 105450
Botchkarev, A.E. *see* Suzue, K. 115141
Botchkarev, A.E. *see* Wook Kim 74138
Botchkarev, A.E. *see* Wook Kim 83855
Botchkarev, A.E. *see* Zhifang Fan 95067
Botez, D., Mawst, L.J., Bhattacharya, A., Lopez, J., Li, J., Kuech, T.F., Iakovlev, V.P., Suruceanu, G.I., Caliman, A., Syrbu, A.V. 66% CW wallplug efficiency from Al-free 0.98 μm-emitting diode lasers 116491
Botez, D. *see* Bhattacharya, A. 65312
Botez, D. *see* Kasraian, M. 65203
Botez, D. *see* Mawst, L.J. 65314
Botez, D. *see* Mawst, L.J. 107295
Botez, D. *see* Napartovich, A.P. 107330
Botez, D. *see* Nesnidal, M.P. 65311
Botez, D. *see* Young, C.L. 65200
Botha, E. *see* Area, F. 97371
Botha, L.J., Bredenkamp, G.L. A linear hysteretic pulse width modulator 102876
Botha, M.M. Insulation system failure, causes and cures [electric machines] 121423
Bothe, W. *see* Moser, H.O. 79772
Botherway, A. An advanced distribution management system for South Wales Electricity 70864
Bothra, S., Gabriel, C. Prevention of charging damage to gate oxide during intermetal oxide deposition by HDP CVD 63192
Botiia, T. *see* Pintilie, L. 63187
Botila, T. *see* Pintilie, L. 105238
Boting Yang, Kecun Zhang, Zhaoyong You A successive quadratic programming method that uses new corrections for search directions 72560
Botman, A.M. *see* Langham, C.W. 111111
Botman, J.I.M., Hagedoorn, H.L. Extraction from cyclotrons 69624
Botman, J.I.M. *see* de Leeuw, R.W. 100711
Botman, J.I.M. *see* Ernst, G.J. 96457
Botman, J.I.M. *see* Kemper, A.H. 102852
Botman, J.I.M. *see* Theuws, W.H.C. 100626
Botman, J.L.M. *see* de Leeuw, R.W. 100710
Botnan, G.O. *see* Nyland, S. 101856
Botnar, R., Scheidegger, M.B., Boesiger, P. Quantification of blood flow patterns in human vessels by magnetic resonance imaging 90298
Botner, O., Cossutti, F., de Angelis, A., Dracos, M., Gunther, M., Herquet, P., Huet, K., Pages, P., Scuri, F., Vitale, L. Measurement of the strange quark asymmetry at the Z^0 peak using high energy charged kaons identified by the DELPHI ring imaging Cherenkov detector 69728
Botner, O. *see* Adam, W. 69709
Botner, O. *see* Adam, W. 69732
Botros, Y. *see* Gong, J. 83351
Botros, Y.Y. *see* El-Khamy, S.E. 65797
Botsis, J. *see* Skipor, A.F. 112968
Bott, K., Mayer, E.J., Smith, G.O., Heuckeroth, V., Hubner, M., Kuhl, J., Meier, T., Schulze, A., Lindberg, M., Koch, S.W., Thomas, P., Hey, R., Ploog, K. Dephasing of interacting heavy-hole and light-hole excitons in GaAs quantum wells 62940
Botta, E. *see* Agnello, M. 110583
Botta, E.F.F. *see* Van der Ploeg, A. 60997
Bottalico, S., de Stefani, F., Sabbatino, V., Giubbolini, M., Leoni, F. Simulation of maritime radar data 68689
Bottalico, S., Spada, M., De Stefani, F. Digital image processing of maritime radar data in VTS systems 68698
Bottauscio, O., Carpaneto, E., Chiampi, M., Chiarabaglio, D., Panaitescu, I. Numerical and experimental evaluation of magnetic field generated by power busbar systems 121157
Bottauscio, O. *see* Appino, C. 64211
Bottauscio, O. *see* Boglieni, A. 115498
Bottcher, A., Wolf, H. Polynomial collocation over massive sets for Toeplitz integral equations on the Bergman space 61074
Bottcher, E.H., Droge, E., Bimberg, D., Umbach, A., Engel, H. Ultra-wide-band (>40 GHz) submicron InGaAs metal-semiconductor-metal photodetectors 100037
Bottcher, E.H., Pfitzenmaier, H., Droge, E., Bimberg, D. Millimetre-wave coplanar waveguide slow wave transmission lines on InP 83300
Bottcher, E.H. *see* Kollakowski, S. 89097
Bottcher, E.H. *see* Kollakowski, S. 100047
Bottcher, E.H. *see* Strittmatter, A. 75731
Bottcher, H. *see* Brauninger, H. 90702
Bottcher, M. *see* Bauch, L. 105799
Bottcher, S., Coldewey, C., Croitoru, N., Seidman, A., Vogt, H. Comparative study of the radiation hardness of an analog CMOS pipeline, discrete MOS transistors and interface traps in MOS capacitors 106215
Botteck, M. From radio broadcasting to multimedia: terminal equipment for digital services 67980
Botten, L.C. *see* McPhedran, R.C. 107873
Botter-Jensen, L. *see* Budzanowski, M. 110993
Bottereau, J.-M. *see* Massmann, P. 110526
Bottereau, J.-M. *see* Roshal, A. 102884
Bottereau, J.M. *see* Maschio, A. 102873
Botterill, I.A., Aitchison, C.S. Predicted small-signal gain of the HBT distributed amplifier with practical terminations 73110
Bottger, T. *see* Rossin, V.V. 114718
Botti, E., Mandrini, T., Stefani, F. A high-efficiency 4×20 W monolithic audio amplifier for automobile radios using a complementary DMOS BCD technology 73124
Botti, O., Cesana, M., Corsetti, E., Coslett, P., Hammond, J., Maestri, F., Meda, R., Ratto, E., Redaelli, G.L., Tully, A. Simulation of high-voltage substations on parallel architectures 91696
Botti, P. *see* Cane, V. 90630
Bottigli, U. *see* Beccherle, R. 80297
Bottigli, U. *see* Del Guerra, A. 101315
Bottini, R., Cascella, A., Pio, F., Vajana, B. Passivation scheme impact on retention reliability of non volatile memory cells 61913
Bottiroli, G. *see* Pratesi, R. 101429
Bottle, D. *see* Masetti, F. 78317
Bottner, T., Krautle, H., Kuphal, E., Miethe, K., Hartnagel, H.L. Surface- and sidewall-damage of InP-based optoelectronic devices during reactive ion etching using CH_4/H_2 96005
Botto, T. *see* Zhou, Z.-L. 110536
Bottollier-Depois, J.F. *see* Spurny, F. 101462
Bottomley, D.J., Mito, A., Niki, S., Yamada, A. Second-harmonic generation in $CuInSe_2$ and $CuGaSe_2$ thin films on GaAs(001) 85612
Bottomley, G.E. *see* Molnar, K.J. 118965
Bottomley, L.A. *see* Dudel, F.P. 116215
Botton, M. *see* Kleckner, M. 96075
Bottoni, G. Rotational hysteresis in particles for magnetic recording with different switching modes 106557
Bottoni, G., Candolfo, D., Cecchetti, A. Time effects in exchange anisotropy-affected metal-evaporated tapes 64434
Bottoni, G., Candolfo, D., Cecchetti, A. Effect of the coupling between Co and CoO in metal evaporated tapes 106542
Bottoni, G., Candolfo, D., Cecchetti, A. Temperature effects on time-dependent magnetic phenomena in recording media 106559
Bottoni, G., Candolfo, D., Cecchetti, A. Time-dependent magnetic behaviour of Ba ferrite particles at low temperature 115593
Bottoni, G., Candolfo, D., Cecchetti, A., Palmeri, D. Co-based metallic glass as a precursor for hard magnetic material 106516
Bottura, C.P., Augisto Filho, S.A., Silvino, J.L. H_2 robust digital vector control for the induction machine 81440

Bottura, L. *see* Ciazynski, D. 91185
Bottura, L. *see* Martinez, A. 95563
Bottura, L. *see* Nijhuis, A. 95558
Botvich, D.D., Corcoran, T.J., Duffield, N.G., Farrell, P. Economies of scale in long and short buffers of large multiplexers 77580
Botvinick, E. *see* Knollmann, F.D. 80350
Bouabdallah, M.S., Batoz, J.L. Formulation and evaluation of a finite element model for the linear analysis of stiffened composite cylindrical panels 61092
Bouadma, N., Ougazzaden, A., Kamoun, M., Kazmierski, C., Silvestre, L. 1.3 μm InGaP/InAsP MQW lasers with large spot-size and low loss fibre chip coupling fabricated by a standard buried heterostructure process 96399
Bouadma, N. *see* Palmier, J.F. 93786
Bouakaz, S. *see* Bahi, A. 86798
Boualem, B., Piriou, F. Hybrid formulation A-Ω with finite element method to model in 3D electromagnetic systems 65736
Bouallegue, A. *see* Gharsallah, A. 65992
Bouanane, M.A. *see* Charitat, G. 63714
Bouanani, A.W.El *see* El Bouanani, A.W.
Bouanani, M.El *see* El Bouanani, M.
Bouaricha, A. Tensor-Krylov methods for large nonlinear equations 61026
Bouayad-Amine, J. *see* Klenk, M. 96423
Bouayad-Amine, J. *see* Lach, E. 107231
Bouayad-Amine, J. *see* Schilling, M. 96425
Bouazaoui, M. *see* Bahtat, A. 116072
Bouazaoui, M. *see* Bertrand, S. 100071
Boubezari, S., Kaminska, B. A new reconfigurable test vector generator for built-in self-test applications 83091
Boucaud, P., Guedj. C., Julien, F.H., Finkman, E., Bodnar, S., Regolini, J.L. Growth of $\mathrm{Si}_{1-x-y}\mathrm{Ge}_x\mathrm{C}_y$ multi-quantum wells: structural and optical properties 94442
Boucaud, P., Lourtioz, J.-M., Julien, F.H., Warren, P., Dutoit, M. Intersubband absorption in $\mathrm{Si/Si}_{1-x-y}\mathrm{Ge}_x\mathrm{C}_y$ quantum wells 105381
Boucaud, P., Wu, L., Guedj, C., Julien, F.H., Sajnes, I., Campidelli, Y., Garchery, L. Photoluminescence and intersubband absorption spectroscopy of interdiffused Si/SiGe quantum wells 94512
Boucaud, P. *see* Aniel, F. 63761
Boucaud, P. *see* Sylvestre, A. 84469
Boucaud, P. *see* Sylvestre, A. 84477
Bouchakour, R., Hardy, L., Naviner, J.F., Limbourg, I., Jourdain, M., Jelloul, M. Modeling and characterization of the nMOS transistor stressed by hot-carrier injection 74751
Bouchal, Z., Horak, R., Wagner, J. Propagation-invariant electromagnetic fields: theory and experiment 107843
Boucham, A. *see* Basti, G. 90164
Bouchard, G.A. *see* Gronowski, P.E. 73468
Bouchard, J., Chauvenet, B. A simple, powerful $4\pi\beta/\gamma$ coincidence system 80130
Bouchard, J., Chauvenet, B. A simple, powerful $4\pi\beta/\gamma$ coincidence system 100929
Bouchard, J. *see* Michal, T. 70597
Bouchard, V., Cinquin, P., Desbat, L. First Compton scatter correction in SPECT using PVM 70065
Boucharlat, G. *see* Coutures, J.-L. 69308
Bouche, D. *see* Montarnal, P. 65774
Bouche, N., Corbett, B., Kuszelewicz, R., Raj, R. Vertical-cavity amplifying photonic switch at 1.5 μm 88609
Bouchefra, K. *see* Hanson, T. 97359
Boucher, J. *see* Abbes, M. 90145
Boucher, P. *see* Bleile, T. 81418
Boucher, P. *see* Dumur, D. 81417
Boucher, R.H., Woodward, W.F., Lomheim, T.S., Shima, R.M., Asman, D.J., Killian, K.M., LeGrand, J., Goellner, G.J. Proton-induced degradation in interferometric fiber optic gyroscopes 79442
Boucher, R.H. *see* Bell, K.D. 89154
Boucher, S.G. *see* Dehua Huang 106472
Boucher, S.G. *see* Jun Lan 111378
Boucheret, M.-L., Mortensen, I., Lesthievent, G. An all digital demodulator for telemetry signals 77917
Boucherez, E. *see* Delansay, P. 109646
Bouchet, J.L. *see* Jacquot, J.P. 71068
Bouchey, G.D. *see* Rahn, F.J. 71054
Bouchez, J. *see* Abbes, M. 90145
Bouchier, D. *see* Grigorov, K.G. 95480
Bouchier, D. *see* Mamor, M. 115137
Bouchilloux, P. *see* Claeyssen, F. 115877
Bouchitte, V., Hilali, A., Jegou, R., Rampon, J.-X. Contiguity orders 103669
Bouchoms, J.-M. A new range of transportable tests systems 79228
Bouchon-Meunier, B. *see* Ralescu, A.L. 103630
Bouchoule, S. *see* Mathoorasing, D. 119134
Bouchoule, S. *see* Thedrez, B. 116469
Bouclier, R., Capeans, M., Hoch, M., Million, G., Ropelewski, L., Sauli, F., Temmel-Ropelewski, T. High rate operation of micro-strip gas chambers 80043
Boudart, B., Gaquiere, C., Trassaert, S., Theron, D., Splingart, B., Lipka, M., Kohn, E. Small- and large-signal measurements of low-temperature GaAs FETs 74756
Boudebs, G., Chis, M., Bourdin, J.P. Third-order susceptibility measurements by nonlinear image processing 96631
Boudec, G.Le *see* Le Boudec, G.
Boudec, J.-Y.Le *see* Le Boudec, J.-Y.
Boudenot, J.-C. *see* Chabrerie, C. 74846
Boudenot, J.-C. *see* Chabrerie, C. 106216
Boudet, T. *see* Lupascu, A. 85068
Boudey, Y. *see* Ory, J.-M. 119752
Boudiaf, A., Dubon-Chevallier, C., Pasquet, D. A new application of a Lange coupler for on-wafer noise parameter measurement verification 62295
Boudiaf, A., Hathouti, A., Audhuy-Peaudecerf, M., Lefeuvre, S. Influence of near fields on the thermal properties of coaxial applicator 71906
Boudiaf, A., Scavennec, A. Experimental investigation of on-wafer noise parameter measurement accuracy 93792
Boudiaf, A. *see* Lardizabal, S.M. 95052
Boudjema, F. *see* Attari, M. 69549
Boudjema, F. *see* Attari, M. 110142
Boudon, V. *see* Rotger, M. 85405
Boudot, R. *see* Meyzaud, Y. 121320
Boudou, A. *see* Vuillaume, D. 105955
Boudraa, A.-E.-O., Champier, J., Cinotti, L., Bordet, J.-C., Lavenne, F., Mallet, J.-J. Delineation and quantitation of brain lesions by fuzzy clustering in positron emission tomography 110765
Boudreau, J. *see* Mours, B. 100821
Boudreau, J. *see* Mours, B. 120196
Boudreau, M. *see* Friessnegg, T. 105534
Boudreau, R.A. *see* Han, H. 82266
Boudreaux, R.R., Nelms, R.M. A comparison of MOSFETs, IGBTs, and MCTs for solid state circuit breakers 71557
Boudry, J.M., Antonuk, L.E. Radiation damage of amorphous silicon, thin-film, field-effect transistors [medical X-ray imaging] 80294
Boudy, J., Capman, F., Lockwood, P. A globally optimised frequency-domain acoustic echo canceller for adverse environment applications 67975
Boudy, J. *see* Naylor, P.A. 98906
Boue, C. *see* Chan, H.L.W. 115430
Bouer, P.H. *see* Yost, S.A. 113254
Bouet, J. *see* Percheron-Guegan, A. 71657
Bouet, L., Tailhades, P., Rousset, A. Relations between magneto-optical properties and reactivity in cobalt-manganese ferrite thin films and powders 64332
Bouet, L., Tailhades, P., Rousset, A. Co-Mn cation-deficient ferrite thin films: interesting ways to tailor their magneto-optical properties 106572
Bouet, M. *see* Deconihout, B. 79562
Boufaied, H. *see* Peraldi, M.A. 98731
Bougarfa, L. *see* Khatib, D. 75032
Bougeret, J.-L. *see* Kaiser, M.L. 97129
Bougie, F. *see* Dave, M. 62460
Bougnot, J. *see* Duchemin, S. 72909
Bougrenet de la Tocnaye, J.-L.de *see* de Bougrenet de la Tocnaye, J.-L.
Bougrenet de la Tocnaye, J.L.De *see* De Bougrenet de la Tocnaye, J.L.
Bougrov, V.E., Zubrilov, A.S. Computer simulation of optical confinement in III-V nitride double heterostructures 116519
Bouhacina, T., Aime, J.P., Barriere, A.S., Guegan, H., Grandjean, N., Massies, J. Rutherford backscattering spectrometry, particle induced X-ray emission and atomic force microscopy of InAs thin films grown on GaAs: a complementary study 94337
Bouhali, O., Udo, F., van Doninck, W., van Lancker, L., vander Velde, C., Vanlaer, P., Zhukov, V. Operation of micro strip gas counters with Ne-DME gas mixtures 120166
Bouhchouch, A., Frein, Y., Dallery, Y. Performance evaluation of closed tandem queueing networks with finite buffers 87400
Bouhdada, A. *see* Touhami, A. 63533
Bouillault, F. *see* Lapaul, S. 63010
Bouillault, F. *see* Lepaul, S. 84476
Bouillault, F. *see* Maslouh, M. 95453
Bouillault, F. *see* Vasiliu, S. 64511
Bouius, D. *see* Dixit, M.S. 101308
Bouix, J. *see* Ferro, G. 94441
Bouix, J. *see* Ferro, G. 113472
Bouix, J. *see* Pautet, C. 82600
Bouix, J. *see* Somatri, R. 92722
Bouix, J. *see* Souliere, V. 105143
Boukezzata, M., Bielle-Daspet, D., Sarrabayrouse, G., Mansour, F. Characteristics of the thermal oxidation of heavily boron-doped polycrystalline silicon thin films 105661
Boukezzata, M., Mansour, F., Bourchemat, M., Bielle-Daspet, D., Sarrabayrouse, G. Characteristics of the thermal oxidation of heavily boron-doped polycrystalline silicon thin films 114984
Boukli-Hacene, M. *see* Chieh Hao Lu 109920
Boukli-Hacene, M. *see* Lu, C.H. 119485
Boukliev, I., Daskalov, R., Kapralov, S. Optimal quaternary linear codes of dimension five 76792
Boukliev, I.G. New ternary linear codes 66496
Boulaire, J.Y. *see* Bauduin, B. 116474
Boulas, C. *see* Vuillaume, D. 106369
Bouldin, D. *see* Dehkordi, P. 61964
Bouldin, D. *see* Dehkordi, P. 61965
Bouldin, D. *see* Yankee, S. 63486
Bouldin, D.P. *see* Sullivan, T.D. 63468
Bouldin, D.P. *see* Sullivan, T.D. 115021
Boulejfen, N., Kouki, A.B., Ghannouchi, F.M. Transient analysis of high-speed digital interconnects with nonuniform coupled lines 76504
Boulemden, M. *see* Meghriche, S. 120465
Bouley, J.C. *see* Masetti, F. 78317
Boulgne, O. *see* Bocquet, R. 75800
Boulin, C., Bastian, T., Epstein, A. Design of a parallel and pipelined DSP system for fast protein sequence homologies 93419
Boulliard, J.C. *see* Zheng, Y. 72841
Boulon, G. *see* Brenier, A. 75868
Boulon, G. *see* Foulon, G. 116048
Boulon, G. *see* Lupei, V. 85410
Boulos, J. *see* Andres, F. 109247
Boulos, J. *see* Andres, F. 109891
Boult, T. *see* O'Donnell, T. 90328
Boult, T.E., Fenster, S.D., O'Donnell, T. Reinterpreting physically-motivated modeling 77169
Boult, T.E. *see* Gottesfeld Brown, L.M. 110705
Boult, T.E. *see* Nayar, S.K. 67468
Boulyshev, A.E. *see* Semenov, S.Y. 101294
Bouma, B. *see* Tearney, G.J. 120407
Bouma, B.E. *see* Gibson, G.N. 96177
Bouma, B.E. *see* Gibson, G.N. 116447
Bouman, A.F.M. *see* Ernst, G.J. 96457
Bouman, C.A. *see* Flohr, T.J. 87220
Bouman, C.A. *see* Khawaja, K.W. 82287
Bouman, C.A. *see* Zoltowski, M.D. 60440
Boumann, M. Finite-time cell loss ratios in an ATM multiplexer with bursty traffic load 68000
Boumis, M. *see* Barbaliscia, F. 65839
Bounds, C.O. *see* Chang, W.C. 115545
Bounds, C.O. *see* Liu, W.L. 75141
Bounds, C.O. *see* Ma, B.M. 115507
Bounds, C.O. *see* Scott, D.W. 64251
Bounds, C.O. *see* Scott, D.W. 64312
Bounekkar, A., Lamure, M., Nicoloyannis, N. Texture classification based upon spatial autocorrelation 86917
Bounkin, B.V., Lemansky, A.A. Experience of development and industrial production of X-band passive phased antenna arrays 70587
Bounnak, S. *see* Bristow, J. 85340
Bounouh, Y. *see* Zellama, K. 94673
Bouny, J.-J. Advantages of LDMOS in high power linear amplification 62240
Bour, D.P. *see* Gotz, W. 74345
Bour, D.P. *see* Gotz, W. 114891
Bour, D.P. *see* Hsu, C.F. 96251
Bour, D.P. *see* Ponce, F.A. 82629
Bour, D.P. *see* Sun, D. 96249
Bour, D.P. *see* Sun, D. 96280
Bouras, A. *see* Brun, J.M. 60922
Bouras, C., Kapoulas, V., Pantziou, T., Spirakis, P. Randomized adaptive video on demand 99751
Bouras, C., Kapoulas, V., Spirakis, P., Miras, D., Ouzounis, V., Tatakis, A. On-demand hypermedia/multimedia service over broadband networks 109241
Bouras, D.P. *see* Nasiopoulos, P. 68875
Bouras, I., Glentis, G.-O., Kalouptsidis, N. Architectures for block Toeplitz systems 97844
Bouras, S., Suyama, K., Tsividis, Y. Integrated fuzzy logic controller with continuous processing 114145
Bourcerie, M., Mares, M., Morel, J.-Y. An algebraic structure for coloured Petri nets 60873
Bourchemat, M. *see* Boukezzata, M. 114984
Bourcier, E. *see* Gaquiere, C. 93920
Bourdarie, S. *see* Boscher, D. 70481
Bourdarios, C. *see* Adam, W. 69709
Bourdarios, C. *see* Adam, W. 69735
Bourdarios, C. *see* Apeldoorn, G. 69713
Bourdeau, M. *see* Dechambre, M. 111174
Bourdet, G. *see* Lescroart, G. 107419
Bourdier, A., Gardent, D. Electron dynamics in a free electron laser with a reversed axial guide field 65382
Bourdillon, A. *see* Brousseau, C. 109782
Bourdillon, A. *see* Six, M. 70487
Bourdin, J.P. *see* Boudebs, G. 96631
Bourdin, J.P. *see* Fahmi, A. 76218
Bourdon, J.C. *see* Chehab, R. 89714
Bouregba, R. *see* Bernstein, P. 95486
Bourel, P. *see* Thobel, J.L. 94463
Bourenkov, A., List, S., Lorenz, J., Ryssel, H. On the ion implantation models for simulation of FOND devices 84413
Bourenkov, A. *see* Tietzel, K. 94688
Bourennane, S., Frikel, M. Localization of the wideband sources with estimation of the antenna shape 117485
Bourez, A. *see* Lal, B.B. 64449
Bourg, S. *see* Nekhoul, B. 70988
Bourgarel, M.P. *see* Duval, M. 90060
Bourgault, D. *see* Noudem, J.G. 106668
Bourgeault, P. *see* Vettese, F. 80532
Bourgeault, P. *see* Vettese, F. 110604
Bourgeios, M. *see* Cheron, G. 70108
Bourgeois, A. *see* Liang, S.-L. 66127
Bourgeois, F. *see* Theys, B. 94360
Bourgeois, J.-M. Motor/speed controller based on fuzzy logic 121946
Bourgeois, P. *see* Aleksan, R. 62561
Bourges, L. *see* Houri, A. 101059
Bourgoin, G. *see* Rinaudo, O. 105915
Bourgoin, J.C. Electron transport through semiconductor barriers 105304
Bourgoin, J.C. *see* Chaabane, H. 74351
Bourgoin, J.C. *see* Kiliulis, R. 62749
Bourguet, J.-M., Nancy, T., Wei, S.J., Leroy, J., Crappe, R.G. A VLSI architecture using local memory management for large DFT implementation 93424

Bourguignon, B. *see* Peremans, A. 107401
Bourguignon, M. *see* Vera, P. 101130
Bourham, M.A., Gilligan, J.G. Radiative heating and erosive burn of a solid propellant subject to electrothermal plasma 116834
Bourham, M.A. *see* Kincaid, R.F. 65743
Bourham, M.A. *see* Kincaid, R.W. 107831
Bouriant, M. *see* Abbes, M. 90145
Bouridane, A. A novel image enhancement technique based on local adaptive contrast 86706
Bourillet, J.F., Edy, C., Rambert, E., Satra, C., Loubrieu, B. Swath mapping system processing: bathymetry and cartography 111097
Bourir, M. *see* Benhenda, S. 62414
Bourissou, A., Pham, K. A two stage classification method of polarimetric SAR images using fractal concepts 68583
Bourkas, P. *see* Moronis, A. 95294
Bourkas, P.D. Radiation emission phenomena in a metal-dielectric-metal model under high electric fields 95257
Bourkas, P.D. *see* Filippakou, M.P. 71564
Bourkas, P.D. *see* Filippakou, M.P. 104912
Bourkas, P.D. *see* Halaris, P.G. 95259
Bourkas, P.D. *see* Karagiannopoulos, C.G. 95293
Bourkas, P.D. *see* Moronis, A.X. 64038
Bourkas, P.D. *see* Tsitsias, S.A. 95263
Bourkas, P.D. *see* Tsitsoglou, I. 95258
Bourke, M.M., Hilton, K.P., Crouch, M.A., Kane, M.J., Borsing, N., Russell, T. The application of end point detection in the fabrication of optical and microwave devices 63300
Bourlard, H., Hermansky, H., Morgan, N. Towards increasing speech recognition error rates 76868
Bourlard, H., Konig, Y., Morgan, N. A training algorithm for statistical sequence recognition with applications to transition-based speech recognition 86136
Bourlas, Y., Kwok, A. Modeling and simulation of the common channel signalling (CCS7) network 78148
Bourne, J.R. *see* Mosterman, P.J. 112753
Bourne, P. *see* Allam, R. 83525
Bourne, P. *see* Delage, S.I. 83389
Bourne, P. *see* Delage, S.L. 62341
Bourne-Yaonaba, P. *see* Guttich, U. 88235
Bourne-Yaonaba, P. *see* Kotanowski, C. 93916
Bournez, O. *see* Mundy, J.L. 77170
Bourotte, J. *see* Peigneux, J.P. 120164
Bouroushian, M., Kollia, C., Loizos, Z., Spyrellis, N., Maurin, G. Substrate effect on the structure and properties of electrodeposited CdSe and Cd(Se,Te) coatings 113405
Bourquard, A., Plat, X., Bonnet, P., Semal, D., Personeni, G., Bernaudat, M., Hacquard, A., Salvador, R., Dombrowski, D. Completion of the Polo model coil 95524
Bourque, G., Terreault, B. 1 keV hydrogen implantation in a-Si and c-Si: physical vs computational modeling 114557
Bourreau, D. *see* Le Gouguec, T. 66142
Bourret-Courchesne, E.D. *see* Kin Man Yu 105578
Bourrieau, J. *see* Calvet, M.C. 111048
Bourrotte, J. *see* Auffray, E. 110595
Bourse, D., Madrangeas, V., Guillon, P., Kaparkov, D., Kholodniak, D., Monin, A., Vendik, I. Modelling of high T_c superconductor microstrip resonator on sapphire substrate 93707
Boury, P., Landgren, G. Versatile reactive ion beam etching (RIBE) of InP-based material using $CH_4/H_2/Ar$ chemistry 94810
Boury, X.C., Colinas, M.-F., Richard, D. Extended graph and matrix models for networks 72488
Bourzgui, N. *see* Bibey, M.B. 96296
Bourzgui, N. *see* Lauwers, J. 95489
Bourzgui, N. *see* Lepercq, P. 95488
Bousack, H. *see* Burghoff, M. 101073
Bousack, H. *see* Zhang, Y. 64553
Bousbaine, A., Low, W.F., McCormick, M. Measurement of iron loss in single phase induction motors 102730
Bousetta, A. *see* Bensaoula, A. 105632
Bousetta, A. *see* Taferner, W.T. 82696
Bousetta, A. *see* Taferner, W.T. 103880
Bousetta, H. *see* Denorme, S. 84330
Boushka, W.M., Perez, G., Chacko, A.K. Time requirements of hard- versus soft-copy interpretation of SICU computed radiographic images 110818
Bousigue, J. *see* Tremeau, A. 67345
Bousquet, B., Canioni, L., Segonds, P., Le Boiteux, S., Martin, M., Adamietz, F., Ducasse, A., Sarger, L., Cardinal, T., Berthereau, A., Fargin, E., Olazcuaga, R., Le Flem, G. Characterisation and optimisation of nonlinear materials. Application to telecommunication technology 76209
Bousquet, B. *see* Segonds, P. 79741
Bousquet, M. *see* Bergogne, C. 66267
Bousquet, M. *see* Bergogne, C. 77669
Bousquet, T. *see* Ratajczak, P. 65952
Boussard, D., Bohl, T., Linnecar, T., Wehrle, U. Non integer harmonic number acceleration of lead ions in the CERN SPS 100470
Boussard, D. *see* Tuckmantel, J. 100498
Bousselet, P. *see* Artigaud, S. 88597
Bousselet, P. *see* Artigaud, S. 88650
Boussetta, C., Ndagijimana, F., Chilo, J., Saguet, P. A general methodology of modelling 3D discontinuities using the TLM method 76519
Boussetta, H. *see* Ashburn, P. 63583
Boussey, J. *see* Minondo, M. 83912
Boussey-Said, J. *see* Mandelis, A. 116227
Boussinot, F., Ramesh, S., Shyamasundar, R.K., De Simone, R. Validation and analysis of the futurebus arbitration protocol: a case study 87688
Boussoukaya, M., Curtoni, A., Zeitoun-Fakiris, A. Low level electron field emission current intensities obtained from niobium samples 62172
Boustedt, K. *see* Liu, J. 94120
Bout, D.A. Analysis and calculation of synchronous machines with permanent magnet exitation 102661
Bout, D.A. Analysis and calculation of synchronous machines with permanent magnet excitation. II 121460
Boutaba, R., Mehaoua, A. Applying the policy concept to the management of ATM networks 98740
Boutamine, H., Guyot, A., Elhassan, B., Renaudin, M. Asynchronous SRT dividers: the real cost 73224
Boutchenkov, V.A., Kuchma, V.G., Levoshkin, A.V., Petrov, A.A. Storage and extraction efficiency in the erbium phosphate glass active medium 107173
Boutes, J.-P. *see* Dosiere, F. 78502
Boutet, F. *see* Xemard, A. 111645
Boutet, P. *see* Pataut, G. 73771
Bouthemy, P. *see* Hennebert, C. 87038
Bouthemy, P. *see* Mitiche, A. 98072
Bouthemy, P. *see* Odobez, J.-M. 86842
Bouthemy, P. *see* Thourel, P. 86807
Bouthillette, S., Platzker, A. High efficiency L-band variable output power amplifiers for use in communication systems 83497
Bouthinon, M. *see* Haidar, J. 93713
Bouthinon, M. *see* Safwat, A.M.E. 62354
Boutier, A., Lefevre, J. Laser velocimeter optics in a pressurized environment 89567
Boutin, L. Methodology of mold compound selection for PBGA 82223
Boutlendj, M., Allen, N.L. Assessment of air-density correction for practical electrode systems 121231
Boutleux, E., Dubuisson, B. Detection and supervision of state evolution on the French telephone network 98612
Boutleux, E., Dubuisson, B. Fuzzy pattern recognition to characterize evolutionary complex systems. Application to the french telephone network 118282
Bouton, F. *see* Gregoris, G. 112862
Boutros, J., Viterbo, E. High diversity lattices for fading channels 68097
Boutsikaris, L. *see* Mailis, S. 116770
Bouvet, D., Clivaz, P.A., Almeida, J., Couluzza, C., Margaritondo, G., Letourneau, P., Dutoit, M., Dubois, C., Dupuy, J.C., Pio, F. Physical study of RTP N_2O- and NH_3-nitrided thin SiO_2 films 63291
Bouvet, D., Clivaz, P.A., Dutoit, M., Coluzza, C., Almeida, J., Margaritondo, G., Pio, F. Influence of nitrogen profile on electrical characteristics of furnace- or rapid thermally nitrided silicon dioxide films 63170
Bouvier, G. *see* Weiss, J. 93159
Bouvier, S., Belleville, M., McDevitt, M., Lecarval, G. Parasitic coupling in 3D technologies 95202
Bouville, C. *see* Barzic, R. 83133
Bouwhuis, M. *see* Zhou, Z.-L. 110536
Bouwmans, T., Bigand, A., Dubus, J.P. Fuzzy segmentation and matching in 3D recovery and industrial 3D measure 108458
Bouwstra, S. *see* Bay, J. 88986
Bouwstra, S. *see* Christensen, C. 115015
Bouwstra, S. *see* Larsen, U.D. 74954
Bouwstra, S. *see* Mullenborn, M. 84623
Bouwstra, S. *see* Storgaard-Larsen, T. 89116
Bouyoucef, K., Murenzi, R. Spatio-temporal wavelet transform application to target detection and recognition 98201
Bouyoucef, K. *see* Antoine, J.-P. 98200
Bouyoucef, S.E., Cullum, I.D., Ell, P.J. Cross-calibration of a fan-beam X-ray densitometer with a pencil-beam system 80253
Bouyssel, F. *see* Le Traon, P.Y. 90817
Bouyssou, G. *see* Rouhani, M.D. 72846
Bouza, J. *see* Phillips, W.E., II 69987
Bouzerdoum, A. *see* Abbott, D. 89139
Bouzerdoum, A. *see* Gyudong Kim 74711
Bouzerdoum, A. *see* Mohandes, M. 109795
Bouzerdoum, A. *see* Nguyen, X.T. 66968
Bouzerdoum, A. *see* Zhu, J. 68551
Bouzidi, F., Riondet, Ph., Bajon, D., Baudrand, H. Software for planar lines characterization including losses 114186
Bouzidi, S. *see* Herlin, I.L. 101566
Bouzinac, J.P. *see* Scheer, P. 85197
Bouzza-Marouf, K. *see* Girach, K. 68357
Bove, M., Genta, G., Verreschi, G., Grattarola, M. Characterization and interpretation of electrical signals from random networks of cultured neurons 90495
Bove, M. *see* Grattarola, M. 90609
Bovea, M.D. *see* Sanchis, R. 111750
Boven, G.-J.Van *see* Van Boven, G.-J.
Bovier, C. *see* Othmani, A. 85673
Bovik, A.C. *see* Barnett, B. 109175
Bovik, A.C. *see* Craievich, D. 77434
Bovik, A.C. *see* Havlicek, J.P. 77277
Bovik, A.C. *see* Havlicek, J.P. 77440
Bovik, A.C. *see* Silsbee, P.L. 108226
Bovik, A.C. *see* Wehnes, J.C. 77433
Bovik, A.C. *see* Wei, D. 67013
Bovina, L.A., Boltar', K.O., Burlakov, I.D., Klimanov, E.A., Patrashin, A.I., Saginov, L.D., Stafeev, V.I., Timofeev, A.A. Focal arrays based on HgCdTe photodiodes for the 3-5- and 8-12-μm spectral regions 99987
Bovina, L.A., Burlakov, I.D., Il'in, Yu.K., Klimanov, E.A., Mansvetov, N.G., Solyakov, V.N., Staieev, V.I., Timofeev, A.A. Multirow HgCdTe photodetector systems for the 3-5- and 8-12-μm spectral ranges 99985
Bovina, L.A. *see* Golovin, S.V. 95984
Bovolato, L.F., Ribeiro, F.S., Galvao, L.C.R. Determination and statistical treatment of short-circuit currents for faults on the lines of networks of 440 kV CESP system 102055
Bovopoulos, A. *see* Dailianas, A. 87917
Bovopoulos, A.D. *see* Kumar, L.N. 98446
Bow, A. *see* Gillard, P. 77901
Bow, K.E. Medium voltage laminated sheath cable–an alternative to lead sheathed cable 70919
Bow, S.T., Wei Zhang An effective architecture for the processing of images in spatial domain with artificial neural network 77121
Bowden, C.M. *see* Scalora, M. 105842
Bowden, G.B. *see* Hanna, S.M. 89716
Bowden, G.B. *see* Turner, J.L. 89654
Bowden, W. *see* Broadhead, J. 81692
Bowdle, D.A. *see* Rothermal, J. 70472
Bowen, A.J., Griffin, D.A., Hazen, D.G., Matheson, S.A., Thompson, K.R. Shipboard nowcasting of shelf circulation 70498
Bowen, A.J. *see* Hazen, D.G. 88946
Bowen, E.D. *see* Milanovic, V. 104881
Bowen, G.T., Bretherton, R.D. Latest developments in SCOOT–version 3.1 99868
Bowen, J.G. *see* Javadi, H.H.S. 93778
Bowen, J.W. A solid-state noise source for millimetre wave spectrometry 73691
Bowen, N.L., Patkar, D. Battered no more! [intelligent batteries] 91709
Bowen, R.C. *see* Frensley, W.R. 63827
Bowen, R.C. *see* Klimeck, G. 63564
Bowen, R.C. *see* Lake, R. 105877
Bowen, W.R. *see* Salih, A.J. 113462
Bowen Katari, J.E. *see* Klein, D.L. 63089
Bower, J.E. *see* Babic, D.I. 107274
Bower, R. *see* Watt, V.H.C. 63372
Bower, R.W., Chan, W., Hong, L., Watt, V.H.C. Mechanical considerations for direct bonding of semiconductor materials 63196
Bowers, D. *see* McAndrew, C. 63627
Bowers, D.A. *see* McChesney, C.E. 83571
Bowers, D.F. *see* McAndrew, C.C. 115157
Bowers, J. *see* Bane, K. 89979
Bowers, J. *see* Mirin, R. 107249
Bowers, J. *see* Rodrigues, A. 82133
Bowers, J. *see* Zhang, S. 109613
Bowers, J.E., Blixt, P., Petersen, A.K., Morton, P.A., Yu, R., Beccue, S.M., Runge, K., Wang, K.C. 30 Gbit/s transmission experiment using directly modulated semiconductor lasers 109606
Bowers, J.E. *see* Anselm, K.A. 64936
Bowers, J.E. *see* Babic, D.I. 65226
Bowers, J.E. *see* Babic, D.I. 85472
Bowers, J.E. *see* Blixt, P. 65364
Bowers, J.E. *see* Chi-Kuang Sun 119678
Bowers, J.E. *see* Hawkins, A.R. 79417
Bowers, J.E. *see* Margalit, N.M. 85503
Bowers, J.E. *see* Margalit, N.M. 85541
Bowers, J.E. *see* Margalit, N.M. 107243
Bowers, J.E. *see* Murtaza, S.S. 79432
Bowers, J.E. *see* Piprek, J. 65211
Bowers, J.E. *see* Piprek, J. 96335
Bowers, J.E. *see* Rang-Chen Yu 107228
Bowers, J.E. *see* Ruai Yu 119164
Bowers, J.E. *see* Zhang, S.Z. 96406
Bowers, J.M. *see* Yamamoto, R.M. 90187
Bowers, J.S. Characterization of reconstituted mica paper capacitors used in high voltage and high temperature power electronics applications 61618
Bowers, K.A. *see* Johnson, M.A.L. 82694
Bowers, L. *see* Hendricks, K.J. 62592
Bowers, M.S. *see* Tratt, D.M. 109810
Bowers, R.L., Greene, A.E., Peterson, D.L., Roderick, N.F., Bartsch, R.R., Cochrane, J.C., Kruse, H. Initiation and assembly of the plasma in a plasma flow switch 81600
Bowersox, S.H. *see* Callahan, D.W. 65420
Bowes, C.L., Malek, A., Ozin, G.A. Chemical vapor deposition topotaxy in porous hosts 92829
Bowes, K.L. *see* Mintchev, M.P. 90534
Bowes, K.L. *see* Mintchev, M.P. 90536
Bowes, S. *see* Brauksiepe, S. 100815
Bowes, S.R., Lai, Y.S. Investigation into optimising high switching frequency regular sampled PWM control for drives and static power converters 102841
Bowhill, W.J. *see* Gronowski, P.E. 73468
Bowie, J. *see* Trebino, R. 69541
Bowie, J.L. *see* Fittinghoff, D.N. 79739
Bowler, M.G. Effects of electron scattering on Cherenkov light output 120171
Bowler, M.G., Lay, M.D. Angular distribution of Cherenkov light from electrons both produced and stopping in water 120172
Bowler, P. Pulse width modulation for induction motor drives 103091

Bowler, P. *see* Barnard, J.N. 81725
Bowler, P. *see* Restrepo, J.A. 102706
Bowles, J.A. *see* Chun, H.J. 101003
Bowles, M.D. U.S. technological enthusiasm and British technological skepticism in the age of the analog brain 112698
Bowles, T.J. *see* Elliott, S.R. 80104
Bowlin, R. *see* Wooddell, C. 121783
Bowling, S. *see* Johnson, K.F. 89732
Bowman, A.P. *see* Winter, E.M. 108555
Bowman, C., DeYong, M., Eskridge, T. Role of Neural Networks for avionics 80553
Bowman, D.R. *see* Fox, D. 90136
Bowman, H. *see* Linington, P.F. 118405
Bowman, H.F. *see* Szajda, K.S. 116650
Bowman, J.D. *see* Penttila, S.I. 120006
Bowman, J.W. *see* Masteller, M.S. 115577
Bowman, M. *see* Jamoussi, B.N. 109026
Bowman, R.C., Jr. *see* Ratnakumar, B.V. 121844
Bowman, R.C., Jr. *see* Witham, C. 121856
Bowman, R.C., Jr. *see* Witham, C.K. 71646
Bowman, S.R., Shaw, L.B., Feldman, B.J., Ganem, J. Praseodymium solid state lasers at 5.2 and 7.2 microns–longest rare earth wavelengths to date 65165
Bowman, W.C. *see* Niemela, V.A. 121643
Bowring, N.J. *see* Read, F.H. 65659
Bowron, J., Baker, J., Schmidt, T. New high-brightness compact LCD projector 89237
Bowron, P., Mezher, K.A., Muhieddine, A.A. The dynamic range of second-order continuous-time active filters 62010
Bowron, P. *see* Zeng, X. 83213
Bowser, M., Hammond, J., Perlmutter, M., Reynolds, C. Remote fiber optic gyroscopes for a broad range of applications 69232
Bowser, M.I. *see* Swanson, J.G. 63135
Bowsher, J.E., Johnson, V.E., Turkington, T.G., Jaszczak, R.J., Floyd, C.E., Jr., Coleman, R.E. Bayesian reconstruction and use of anatomical a priori information for emission tomography 120300
Bowyer, K. *see* Heath, M. 86790
Bowyer, K. *see* Hoover, A. 97881
Bowyer, K. *see* Jiang, X.Y. 86854
Bowyer, K. *see* Woods, K. 86406
Bowyer, S. *see* Donnelly, C. 79104
Bowyer, S. *see* Tepley, N. 110674
Bowyer, S. *see* Werthimer, D. 79103
Box, B. *see* Nieznanski, J. 92271
Boxho, J. *see* Chang, Z.Y. 104684
Boxho, J. *see* Macq, D. 67968
Boxi Wu *see* Wu Boxi
Boxma, O.J. Fluid queues and regular variation 118053
Boyain, A.B. *see* Starodumov, A.N. 119920
Boyain, A.R. *see* Zenteno, L.A. 65076
Boyakov, S. *see* Timofyeev, V. 107724
Boyanov, B.I., Djordjev, K.D., Strashilov, V.L., Avramov, I.D. COM-theory analysis of STW resonator structures 106436
Boyar, J., Peralta, R. Short discreet proofs 76822
Boyar-Sozonovich, S.P. Birotational alternating current generators 71223
Boyar-Sozonovich, S.P. Dual-rotation alternating current generators 102607
Boyarchuk, K.A., Lyakhov, G.A., Svirko, Yu.P., Suyazov, N.V., Didenko, A.N., Yushkov, Yu.G. Radar remote sensing of radioactive pollution of surface atmospheric layers 101578
Boyarskii, R.A. Method of retrieval of media structural parameters from frequency dependence of transmission coefficient 120732
Boyce, J.B. *see* Mei, P. 94961
Boyce, J.B. *see* Yale Sun 89320
Boyce, R. *see* Tatchyn, R. 96526
Boyce, R.F. *see* Fabbricatore, P. 90191
Boyd, A. *see* Bollen, M.H.J. 90934
Boyd, A.R., Bullough, T.J., Farrell, T., Joyce, T.B. Growth mechanisms and morphology of Ar$^+$ laser assisted CBE of GaAs 103869
Boyd, A.R., Joyce, T.B., Beanland, R. An in-situ laser-light scattering study of the development of surface topography during GaAs and In$_x$Ga$_{1-x}$As chemical beam epitaxy 103866
Boyd, C. A class of flexible and efficient key management protocols 86096
Boyd, D.W. On beta expansions for Pisot numbers 60843
Boyd, D.W. On the beta expansion for Salem numbers of degree 6 60844
Boyd, G. *see* MacPhie, A. 105457
Boyd, I.W. Dielectric photoformation on Si and SiGe 84177
Boyd, I.W. *see* Coccia, L.G. 92868
Boyd, I.W. *see* King, S.L. 92920
Boyd, I.W. *see* Tyrrell, G.C. 92866
Boyd, J.K. Analytic electrostatic solution of an axisymmetric accelerator gap 89956
Boyd, J.M., Ellul, J.P. A one-step shallow trench global planarization process using chemical mechanical polishing 63361
Boyd, J.T. *see* Jackson, H.E. 95760
Boyd, J.T. *see* Naghski, D.H. 95707
Boyd, K.J. *see* Rabalais, J.W. 61287
Boyd, M.D. Principles of surge suppression technology application 91227
Boyd, N.F. *see* Byng, J.W. 69957
Boyd, R.D., Xiaowei Meng Local subcooled flow-boiling model development 91292
Boyd, R.D. *see* Britten, J.A. 85734
Boyd, R.D. *see* Britten, J.A. 107472
Boyd, R.D. *see* Shore, B.W. 96580
Boyd, R.D. *see* Spallas, J.P. 74000
Boyd, R.D. *see* Spallas, J.P. 84260
Boyd, R.W., Gehr, R.J., Fischer, G.L., Sipee, J.E. Nonlinear optical properties of nanocomposite materials 116642
Boyd, R.W. *see* Buckland, E.L. 75496
Boyd, R.W. *see* Buckland, E.L. 95676
Boyd, R.W. *see* Moore, T.R. 85680
Boyd, S. *see* Vandenberghe, L. 60889
Boyd Rogers, W. *see* Strandjord, A.J.G. 83669
Boyen, X.P. Automatic induction of fuzzy decision trees and its application to power system security assessment 70697
Boyer, A.L. *see* Geis, P. 90590
Boyer, D.G., Lukacs, M.E. The Personal Presence System: a wide-area network resource for the real-time composition of multipoint multimedia communications 87913
Boyer, E. Object models from contour sequences 67282
Boyer, F. *see* Bosch, T. 110386
Boyer, F.R. *see* Cloutier, J. 61963
Boyer, J.H. *see* Allik, T.H. 96125
Boyer, J.M. *see* Gaudin, D. 106221
Boyer, K.L. *see* Sarkar, S. 86417
Boyer, M. Systems integration in telerobotics: case study: maintenance of electric power lines 81052
Boyer, R.R. An overview on the use of titanium in the aerospace industry 120638
Boyer, R.R. *see* Peters, J.O. 113518
Boyer, S. *see* Haworth, D.P. 88195
Boyer, V. *see* Aronstein, D. 69717
Boyer, V. *see* Kichimi, H. 69718
Boyes, J. *see* Larson, D. 82346
Boyes, J.D. *see* Paisner, J.A. 85412
Boyes, J.d. *see* Smith, D.L. 89738
Boyhan, J.W., Henzing, H.F., Koduru, C. Satellite passive intermodulation: systems considerations 88446
Boykin, T.B. Tunneling calculation for systems with singular coupling matrices: results for a simple model 114796
Boykin, T.B., Johnson, C.D. A generalized solution expression for linear homogeneous constant-coefficient difference equations 103542
Boyko, I.R., Ignatenko, M.A., Nikolenko, M.Yu., Chelkov, G.A. Degradation of aluminum drift tubes filled with Ar+15%CO$_2$+2.5%C$_4$H$_{10}$ 79996
Boylan, R. *see* Muniandy, R. 72348
Boylan, R. *see* Walsh, S. 72190
Boyle, E.J., Jr. *see* Cookerly, D.H. 80712
Boyle, G.A. *see* Andrews, T.A. 102577
Boyle, G.R. *see* Van Halen, P. 73065
Boyle, G.R. *see* Van Halen, P. 82830
Boyle, J.W., Nikitov, S.A., Boardman, A.D., Booth, J.G., Booth, K. Nonlinear self-channeling and beam shaping of magnetostatic waves in ferromagnetic films 75153
Boyle, M.E. *see* Shirk, J.S. 116648
Boyle, O. *see* Galagedera, S.B. 90216
Boyle, O. *see* Galagedera, S.B. 100941
Boyle, S. DSM progress and lessons in the global context 70677
Boyle, T.J. *see* Voigt, J.A. 112284
Boynton, F.P. *see* Auerbach, S.P. 111409
Boynton, P. *see* Herman, S. 88818
Boynton, P.A. *see* Herman, S. 88830
Boynton, P.A. *see* Kelley, E.F. 89441
Boytim, M. *see* Chen, A. 78520
Boyu Wu *see* Wu Boyu
Boyvalenkov, P.G., Danev, D.P., Bumova, S.P. Upper bounds on the minimum distance of spherical codes 97560
Bozack, M. *see* Casady, J.B. 62787
Bozack, M. *see* Casady, J.B. 105715
Bozack, M.J. *see* Crofton, J. 105471
Bozada, C. *see* Anholt, R. 74698
Bozada, C. *see* Dettmer, R. 93804
Bozada, C. *see* Jenkins, T. 74704
Bozdagi, G. *see* Borshukov, G.D. 66991
Bozdagt, G. *see* Ozaktas, H.M. 108308
Bozek, A. *see* Hazumi, M. 100854
Bozek, A. *see* Tsuboyama, T. 100836
Bozek, S. *see* Baccus, B. 74816
Bozeman, S.P., Baumann, P.K., Ward, B.L., Powers, M.J., Cuomo, J.J., Nemanich, R.J., Dreifus, D.L. Electron emission measurements from CVD diamond surfaces 83720
Bozhevolnyi, S.I. *see* Vohnsen, B. 79471
Bozhko, I.V. *see* Serdjuk, Ju.V. 75014
Bozhko, I.V. *see* Serdjuk, J.V. 64068
Bozio, R., Meneghetti, M., Signorini, R., Maggini, M., Scorrano, G., Prato, M., Brusatin, G., Guglielmi, M. Optical limiting of fullerene derivatives embedded in sol-gel materials 107541
Bozkurt, A., Arikan, O., Atalar, A. A synthetic aperture imaging system using surface wave modes 111390
Bozler, C.O., Rathman, D.D., Harris, C.T., Lincoln, G.A., Mathews, R.H., Rabe, S., Murphy, R.A., Hollis, M.A., Smith, H.I. Gated field-emitter arrays for microwave-tube applications 74062
Bozler, C.O. *see* Kodis, M.A. 105010
Bozma, I. *see* Sitti, M. 67153
Bozoki, E., Friedman, A., Ramamoorthy, S. First results with a nonlinear digital, orbit feedback system at the NSLS 100612
Bozovic, I. *see* Eckstein, J.N. 72852
Bozovic, I. *see* Matijasevic, V. 75294
Bozzetto, E., Calabrese, M., Sanchez, M., Lucero, T. A new methodology for the automatic load recovery in distribution primary feeders 102110
Bozzo, M. *see* Alvsvaag, S.J. 90124
Bozzo, M. *see* Angelini, F. 69127
Bozzo, M. *see* Angelini, F. 80046
Bozzo, M. *see* Redfern, R. 110723
Bozzolan, V. *see* Bertocchi, A. 110038
Braasch, H. *see* Brandauer, M. 91371
Braasch, M.S. GPS multipath model validation 68780
Braat, J. *see* Skalli, E.G. 116773
Braathen, G. *see* Froidevaux, L. 120781
Braband, J. Safe transmission of vital train control data via open networks 77932
Brabander, G.N.De *see* De Brabander, G.N.
Brabec, T. *see* Stingl, A. 107189
Brabson, B. *see* Kang, X. 89843
Brabson, B. *see* Liu, J.Y. 89882
Brabson, B. *see* Wang, L. 89881
Braccini, G. *see* Salvetti, O. 77506
Bracco, R. *see* Walker, R.P. 100451
Bracey, M., Redman-White, W., Richardson, J., Hughes, J.B. A full Nyquist 15 MS/s 8-b differential switched-current A/D converter 73481
Bracey, M. *see* Hughes, J.B. 73543
Brachat, P. *see* Kossiavas, G. 97375
Brachat, P. *see* Kossiavas, I. 66093
Brachat, P. *see* Ratajczak, P. 65952
Brachat, P. *see* Vaudon, P. 76554
Bracho, S., Martinez, M., Arguelles, J. Current test methods in mixed signal circuits 93611
Bracht, R., Kuckertz, T. COVICS, a covert video communications system 78614
Bracht, R.R., Kung, P.-J., Lewis, P.S., Flynn, E.R. DSP control of superconducting quantum interference devices 101143
Bracht, R.R. *see* Kung, P.-J. 101053
Brachtendorf, H.G., Welsch, G., Laur, R., Bunse-Gerstner, A. Numerical steady state analysis of electronic circuits driven by multi-tone signals 61518
Brack, J.T. *see* Smith, G.R. 120229
Brackbill, J.U., Lapenta, G. Electrode design with the FLIP-GLOW particle in cell code 114494
Brackett, C. *see* Gamelin, J. 88652
Brackett, C.A. Is there an emerging consensus on WDM networking? 78877
Brackett, C.A. *see* Bala, K. 88533
Brackett, C.A. *see* Gee-Kung Chang 78915
Brackett, C.A. *see* Jackel, J.L. 78891
Brackin, S.H. A HOL extension of GNY for automatically analyzing cryptographic protocols 86101
Braconnier, T., Higham, N.J. Computing the field of values and pseudospectra using the Lanczos method with continuation 103749
Bradbury, S.R. *see* Gillibrand, D. 112634
Bradford, M.V.M. Telecommunications in transition: a Canadian perspective on ownership and other key issues 87526
Bradie, B. Wavelet packet-based compression of single lead ECG 70106
Bradley, A. *see* Burian, E. 90822
Bradley, A.L. *see* Aherne, T. 76080
Bradley, C.E., Bustillo, J.M., White, R.M. Flow measurements in a micromachined flow system with integrated acoustic pumping 106261
Bradley, D.A. *see* Green, S. 110794
Bradley, D.A. *see* Olbrich, T. 84668
Bradley, D.A. *see* Olbrich, T. 88975
Bradley, D.A. *see* Olbrich, T. 95222
Bradley, D.D.C., Bleyer, A., O'Brien, D., Weaver, M.S., Lidzey, D.G., Tajbakhsh, A., Sun Meng, Fisher, T.A., Pate, M.A., Whittaker, D.M., Skolnick, M.S. Conjugated polymers for electroluminescence: principles and prospects 106944
Bradley, D.D.C. *see* Lidzey, D.G. 75700
Bradley, D.D.C. *see* O'Brien, D. 75698
Bradley, D.D.C. *see* O'Brien, D. 96026
Bradley, D.D.C. *see* Weaver, M.S. 75753
Bradley, D.D.C. *see* Weaver, M.S. 85257
Bradley, E., Banerji, K. Effect of PCB finish on the reliability and wettability of ball grid array packages 60610
Bradley, G. SaskTel's video-on demand trials–from Popcorn to HyperPONs 79170
Bradley, J.S. Optimizing the decay range in room acoustics measurements using maximum-length-sequence techniques 79763
Bradley, K.J. *see* Blasco-Gimenez, R. 71803
Bradley, K.J. *see* Christopoulos, C. 76494
Bradley, K.J. *see* Ferrah, A. 112454
Bradley, K.J. *see* Gokani, S. 122006
Bradley, M. *see* Patel, R. 102290
Bradley, M.E. *see* Bushnell, M.J. 91022
Bradley, M.E. *see* Ironmonger, S.N. 70630
Bradley, R.M., Eun-Hee Cirlin Theory of improved resolution in depth profiling with sample rotation 79705
Bradley, R.M. *see* Mahadevana, M. 63463
Bradley, S. *see* Griffiths, G. 90814
Bradley, S. *see* Jacobs, K. 79916
Bradshaw, A. *see* Peyton, A.J. 72125
Bradshaw, S. *see* Bardyszewski, W. 95813
Bradshaw, S. *see* Yu, J. 85105
Bradtke, Ch. *see* Dutz, H. 120108
Brady, D. *see* Zvonar, Z. 78411

Brady, D.J., Basinger, S.A., Stack, R.A., Hill, K.B., Junpeng Guo Characterization of complex space-time optical fields 96843
Brady, D.J. *see* Purchase, K.G. 88483
Brady, D.J. *see* Ramachandran, S. 85771
Brady, I. *see* Li, F. 67234
Brady, J.M. *see* Highnam, R.P. 80323
Brady, J.M. *see* Kok, S.-L. 90390
Brady, M. *see* Merron, J. 86435
Brady, M. *see* Mukherjee, D.P. 98231
Brady, M. *see* Wiles, C. 67292
Brady, M. *see* Wiles, C. 67293
Brady, M. *see* Xie, Z.-Y. 67246
Brady, M.L. *see* Whanki Yong 67143
Brady, S. *see* Gilbert, D. 87820
Braeckelmann, G., Manger, D., Burke, A., Peterson, G.G., Kaloyeros, A.E., Reidsema, C., Omstead, T.R., Loan, J.F., Sullivan, J.J. Chemical vapor deposition of copper from Cu^I hexafluoroacetylacetonate trimethylvinylsilane for ultralarge scale integration applications 84217
Braem, A. *see* Angelini, F. 69127
Braembussche, P.Van Den *see* Van Den Braembussche, P.
Braess, P. *see* Miri, A.M. 112038
Braeuer, D. *see* Kaaden, J. 109930
Braeunig, D. *see* Maser, K. 105496
Braeuninger, H. *see* Soltau, H. 110553
Brafman, O., Manor, R., Silva, M.A.A., Cerdeira, F., Bean, J.C. Evidence for interface terraces in Ge/Si quantum wells obtained by Raman scattering 92712
Braga, A.de Padua *see* de Padua Braga, A.
Braga, G. *see* Carbone, E. 108977
Braga, H.A.C., Barbi, I. A unity power factor rectifier based on a two-cell boost converter using a new parallel-connection technique 121706
Braganza, O.P., Prabhananda, B.S. Circuit module for selective magnetic field scanning in magnetic resonance spectrometers 88914
Bragg, A.W., Chou, W. Adaptive forecasting of resource demand in intelligent communications networks 109184
Bragg, C.K. *see* Han, Y.J. 117615
Bragg, C.W., Jr. Computer power system 91635
Braggins, D. Creating the right image [solid state imaging sensors] 89168
Braggins, D. *see* Chan, J. 117842
Bragin, I. *see* Rebhan, U. 107058
Braginski, A.I. *see* Hein, M.A. 83398
Braginski, A.I. *see* Uhlisch, D. 105455
Braginski, A.I. *see* Zhang, Y. 64553
Braglia, M., Kraus, J., Mosso, S. Core/clad compositions with high numerical aperture for single-mode fluoride fibres 116052
Brahme, A. *see* Hyodynmaa, S. 80446
Braid, P. *see* Nagarajan, R. 78835
Braid, P. *see* Nagarajan, R. 88570
Braid, P. *see* Nagarajan, R. 99475
Braid, P. *see* Nagarajan, R. 109607
Braig, E., Dolderer, S., Hofmann, W., Vetter, H. Use of mobile data acquisition equipment for meter-reading of special contract customers 121253
Braik, Y. *see* Sbiaa, R. 115614
Braileanu, G. Sampled signal reconstruction and Nyquist frequency 108306
Brailsford, J.R. *see* Eason, K.D. 111514
Brain, D.J. *see* Shelley, M.W. 66145
Brainard, R.L. *see* Bacchetti, L.F. 85119
Braire, J.J. *see* Vermeer, L.J. 102543
Braithwaite, R.N., Bhanu, B. Target detection using phase-based Gabor element aggregation 77138
Brajnik, D., Korpar, S., Medin, G., Staric, M., Stanovnik, A. Detection of ^{90}Sr/^{90}Y with Cherenkov radiation 101577
Brajnikova, T.Y. *see* Astahov, V.I. 100102
Brajovic, V., Kanade, T. Computational sensors for global operations 77147
Brajovic, V., Kanade, T. A sorting image sensor: an example of massively parallel intensity-to-time processing for low-latency computational sensors 79559
Brake, G.M.te *see* te Brake, G.M.
Brake, J., Wang, X.-S., Pechman, R.J., Weaver, J.H. Enhanced epitaxial growth on substrates modified by ion sputtering: Ge on GaAs(110) 61255
Brake, M.L., Lee, M., Ventzek, P., Passow, M., Pender, J. Renovations to a plasma teaching laboratory 60472
Brakelmann, H. *see* Biewald, H. 81088
Brakelmann, H. *see* Bockenkruger, R. 81087
Brakemeier, A. Criteria to select proper modulation schemes 97420
Brakenhoff, G.J., Muller, M. A new approach towards improved fluorescence imaging beyond confocal resolution 98285
Brakhman, E. *see* Artemiev, V. 80101
Brakmo, L.S., Peterson, L.L. Experiences with network simulation 77731
Bram, A. *see* Jark, W. 120243
Braman, S. Policy for the net and the Internet 67739
Bramanti, M. Consider the GPS for biomedical applications 88444
Bramati, A. *see* Marin, F. 96321
Brambilla, A., D'Amore, D. Electro-thermal simulation of dynamic circuits in the time domain 113729
Brambilla, A. *see* Jany, C. 82739
Brambilla, A. *see* Pochet, T. 80071
Brambilla, S. *see* Bassini, R. 88942
Brambilla, S. *see* Bassini, R. 100963
Bramble, W.J. *see* Martin, B.L. 68859
Bramblett, L.D., King, A.S. Residence data warehouse: Pacific Bell "jumps" to WARP speed 87624
Bramblett, T.R. *see* Lu, Q. 113362
Brambley, D.R., Bennett, R.H. Electron-beam resist technology for GaAs microwave device fabrication 73779
Brambrink, A.M. *see* Goel, V. 120436
Bramley, A.P. *see* Jenkins, A.P. 62162
Brammer, S.R. *see* Lu, Q.C. 101932
Brammer, U., Rasch, P. Optimization of ferromagnetic shields for solenoidal SMES 64573
Branagan, D.J., Dennis, K.W., Kramer, M.J., McCallum, R.W. A metallurgical approach toward alloying in rare earth permanent magnet systems 64472
Branagan, D.J., Hyde, T.A., Sellers, C.H., McCallum, R.W. Developing rare earth permanent magnet alloys for gas atomization 106628
Branagan, D.J. *see* Gao, Z. 64314
Branca, A., Brattoli, M., Convertino, G., Delaney, W., Distante, A. Scene segmentation from optical flow with a neural network 97993
Branca, A., Tafuri, M., Attolico, G., Distante, A. A neural network for texture classification 117880
Brancaccio, F.Massimo *see* Massimo Brancaccio, F.
Branch, G., Smith, P.W. Fast-rise-time electromagnetic shock waves in nonlinear, ceramic dielectrics 112072
Branco, M.G.C., Abud Filho, E., da Silvo, L.C. Wide flare angle Ku band axially corrugated horn for offset VSAT antennas 97346
Brand, A.E., Aghvami, A.H. Joint CDMA/PRMA: a candidate for a third generation radio access protocol 78401
Brand, C. *see* Eisenmenger, J. 84912
Brand, D. *see* Stok, L. 113637
Brand, G. *see* Hunninghake, J. 100199
Brand, G.F. Design of a new cavity for a low-power tunable gyrotron 74065
Brand, G.F. *see* Timms, G.P. 64081
Brand, J.F.J.Van den *see* Van den Brand, J.F.J.
Brand, K. *see* Gialanella, L. 100639
Brand, M. *see* Krozer, V. 83526
Brand, O. *see* Baltes, H. 63974
Brand, O. *see* Kuratli, C. 63988
Brand, R., Freeden, W., Frohlich, J. An adaptive hierarchical approximation method on the sphere using axisymmetric locally supported basis functions 113209
Brand, U., Herrmann, K. A laser measurement system for the high-precision calibration of displacement transducers 76314
Brand, U., Hillmann, W. Calibration of step height standards for nanometrology using interference microscopy and stylus profilometry 79220
Brand, V. *see* Pruschek, R. 111800
Brand, Y. *see* Zurcher, J.-F. 117045
Brandao, A., Lopes, L., McLernon, D. Quality assessment for pre-detection diversity switching 88349
Brandao Faria, J.A. *see* Guerreiro das Neves, M.V. 76112
Brandauer, M., Scherer, V., Scheffnecht, G., Braasch, H. GT26 repowers Rheinhafen 91371
Brandeau, A. *see* Slimane, M. 60895
Branden Lambrecht, C.J.van den *see* van den Branden Lambrecht, C.J.
Brandenburger, P.D., Pearson, R.A. Mixed mode fracture of organic chip attachment adhesives 112971
Brandenburger, P.D. *see* Pearson, R.A. 112964
Brandes, E.A., Vivekanandan, J., Tuttle, J.D., Kessinger, C.J. A study of thunderstorm microphysics with multiparameter radar and aircraft observations 80614
Brandes, T., Kawabata, A. Conductance increase by electron-phonon interaction in quantum wires 105333
Brandes, T., Kramer, B. Electron-phonon-scattering in quantum wires in a magnetic field 62932
Brandes-Duncan, B. *see* Muralirajan, K.S. 72623
Brandesberg, T. *see* Deis, G. 106719
Brandestini, M. *see* Hiltgen, A.P. 66326
Brandestini, M. *see* Hiltgen, A.P. 97557
Brandl, D., Itoh, H., Mukai, S., Watanabe, M., Stork, W. New concept for a miniaturized, optoelectronic compatible LDV-head using a beam scanning laser diode 89573
Brandl, D. *see* Itoh, H. 85223
Brandl, D. *see* Itoh, H. 89572
Brandl, H. *see* Noll, M. 110986
Brandl, N., Jorgensen, E. Determination of live weight of pigs from dimensions measured using image analysis 77237
Brandle, C.D. *see* Fratello, V.J. 116144
Brandolini, A., Gandelli, A., Ottoboni, R. A low cost interface for switched-capacitance sensors 89031
Brandolini, A., Gandelli, A., Ottoboni, R. A piezoelectric tactile cell for robot oriented intelligent sensor 99916
Brandolini, A. *see* Bellan, D. 110067
Brandon, E. *see* Saint-Dizier, E. 88594
Brandon, J. *see* Bruno, A. 96044
Brandon, J. *see* Devaux, F. 75586
Brandstatt, T., Zink, K.J., Olesen, J.-P. Steps towards process management...using the example of a medium-sized enterprise 82314
Brandstein, M.S., Adcock, J.E., Silverman, H.F. Microphone-array localization error estimation with application to sensor placement 80691
Brandstetter, A. *see* Berroth, M. 80846
Brandstrom, G.W., Ruck, D.W., Rogers, S., Stribling, B. Space object identification using spatio-temporal pattern recognition 98042
Brandt, A. Individual blocking probabilities in the loss system GI+M|M|N|0 103560
Brandt, C.D., Agarwal, A.K., Augustine, G., Barron, R.R., Burk, A.A., Jr., Clarke, R.C., Glass, R.C., Hobgood, H.M., Morse, A.W., Rowland, L.B., Seshadri, S., Siergiej, R.R., Smith, T.J., Sriram, S., Driver, M.C., Hopkins, R.H. Advances in SiC materials and devices for high frequency applications 104054
Brandt, C.D. *see* Agarwal, A.K. 105997
Brandt, C.D. *see* Burk, A.A., Jr. 104038
Brandt, C.D. *see* Morse, A.W. 83380
Brandt, C.D. *see* Siergiej, R.R. 63954
Brandt, C.D. *see* Siergiej, R.R. 106040
Brandt, C.D. *see* Sriram, S. 62274
Brandt, C.D. *see* Sriram, S. 83385
Brandt, D. Patterns and challenges of undergraduate project work in Germany: the Aachen experience 72144
Brandt, D., Castro, P., Cornelis, Hofmann, A., Morpurgo, G., Sabbi, G.L., Wenninger, J., Zotter, B. Measurements of impedance distributions and instability thresholds in LEP 79971
Brandt, D., Castro, P., Cornelis, K., Hofmann, A., Morpurgo, G., Sabbi, G.L., Verdier, A. Measurement of chromatic effects in LEP 89824
Brandt, D. *see* Alexahia, Y. 79968
Brandt, D. *see* Sadek, K. 111571
Brandt, D.S. Evaluating information on the Internet 67837
Brandt, H.E. Current modulation in relativistic klystron amplifiers 105016
Brandt, M., Krozer, V., Schussler, M., Bock, K.-H., Hartnagel, H.-L. Characterisation of reliability of compound semiconductor devices using electrical pulses 115118
Brandt, M. *see* Schussler, M. 113047
Brandt, M.S. *see* Fischer, T. 94264
Brandt, M.S. *see* Graeff, C.F.O. 94996
Brandt, M.S. *see* Reinacher, N.M. 116260
Brandt, N.B., Kul'bachinskii, V.A., Kytin, V.G., Lunin, R.A., Kadushkin, V.I., Shangina, E.L. Characteristic features of transport phenomena in alternatively doped $GaAs/Ga_{1-x}Al_xAs$ heterostructures 63008
Brandt, O. *see* Bertru, N. 114758
Brandt, O. *see* Hui Yang 72775
Brandt, P., Alpers, W., Backhaus, J.O. Study of the generation and propagation of internal waves in the Strait of Gibraltar using a numerical model and synthetic aperture radar images of the European ERS 1 satellite 111195
Brandt, R. Train identification and locating with SAW technology–the SOFIS identification system 122017
Brandt, R.D., Feng Lin Representations that uniquely characterize images modulo translation, rotation, and scaling 98287
Brandt, S.A. *see* Fant, K.M. 104506
Brandt-Pearce, M. *see* Blair, W.D. 68549
Brandt-Pearce, M. *see* Blair, W.D. 68550
Brandt-Pearce, M. *see* Blair, W.D. 109707
Brandt-Pearce, M. *see* Blair, W.D. 109730
Branduardi-Raymont, G. *see* Chun, H.J. 101003
Brandwajn, V. *see* Kumar, A.B.R. 101882
Brandwajn, V. *see* Rahimi, A.F. 70728
Brandys, P.A. *see* Kulikov, A.L. 117408
Branebjerg, J., Gravesen, P., Krog, J.P., Nielsen, C.R. Fast mixing by lamination 74964
Braneci, M. *see* Gagnaire, M. 108859
Branigan, R.G. *see* Zelenka, R.E. 90687
Brankovic, V. *see* Boheim, M. 62305
Branner, G.R., Preetham Kumar, B., Thomas, D.G., Jr. Design of microstrip T junction power divider circuits for enhanced performance 93708
Branner, G.R. *see* Kumar, B.P. 83303
Branner, G.R. *see* Kumar, B.P. 108085
Branner, G.R. *see* Thomas, D., Jr 83376
Branner, G.R. *see* Thomas, D.G., Jr. 93140
Branner, G.R. *see* Thomas, D.G., Jr. 93783
Branney, C.A., Smith, W.P., Jr. Process optimization audit 91985
Brannon, B. Direct digital synthesis chip generates 25 MHz adjustable sine wave 61685
Brannon, B. *see* Gratzek, T. 99099
Brannon, C.C. *see* McGregor, D.S. 80059
Brannon, C.C. *see* McGregor, D.S. 100871
Brannon, P.J., Hedemann, M.A., Weichman, L.S. X-ray pumped Cr,Nd:GSGG laser 96215
Branovich, L.E., Fischer, P., Eckart, D.W. Possible chemical mechanism for negative electron affinity cathode 73953
Bransford, J.D. *see* Sharp, D.L.M. 82116
Branson, B. *see* Sanchez, H. 73466
Branst, L. *see* Dickson, B. 88913
Brant, M.C., McLean, D.G., Sutherland, R.L., De Rosa, M.E., Campbell, A.L., Martinez, S. Laser damage threshold of gelatin and a copper phthalocyanine doped gelatin optical limiter 107449

Brantberg, K. Easily applied ear canal electrodes improve the diagnostic potential of auditory brainstem response 110834

Branz, H.M., Bullock, J., Asher, S., Gleskova, H., Wagner, S. On the lack of observable light-induced H diffusion near room temperature 94243

Branz, H.M. *see* Bechinger, C. 95814

Branz, H.M. *see* Bullock, J.N. 102994

Branz, H.M. *see* Luft, W. 112343

Brar, B., Kroemer, H. Impact ionization in InAs/AlSb field effect transistors 62282

Brar, B. *see* Gauer, C. 62842

Brar, B. *see* Gauer, C. 105401

Brar, B. *see* Koester, S.J. 74421

Bras, R.L. *see* Qihang Li 90799

Brasca, C.L., Colozza, E., Colombo, F., Prestigiacomo, F., Leoncini, E., Lombardi, F. Real time simulation tests on a steam turbine prototype governor for the Italian combined-cycle PS 91372

Brasch, P.H. A precision DC energy monitor for electric vehicles 71848

Brasch, R.C. *see* Andriole, K.P. 110721

Brasche, G. A frame mode bearer service proposed for the cellular radio network GSM 109491

Brase, J.M. *see* Miller, M.G. 109754

Brasen, D., Saucier, G. ASIC prototyping with reprogrammable implementations of large ASICs 73054

Brasen, D. *see* Krisch, K.S. 63174

Brasher, J.D. *see* Johnson, E.G. 97523

Brasil, D.O.Campones do *see* Campones do Brasil, D.O.

Brasil, M.J.S.P. *see* Marquezini, M.V. 105428

Braski, D.N., Winters, E.D. Auger electron spectroscopy and X-ray photoelectron spectroscopy studies of adhesion failure of Ni/Au-plated contacts in ceramic electronic packages 92189

Braslavsky, I.Ya., Zuzev, A.M., Shilin, S.I. Software for thyristor voltage regulator-asynchronous motor (TVR-AM) systems 71743

Braspenning, P.J. *see* Wan, A.D.M. 90721

Brass, T.J., Loushin, M.K.H., Day, J.W., Iaizzo, P.A. An improved method for muscle force assessment in neuromuscular disease 101060

Brassard, G., Crepeau, C. 25 years of quantum cryptography 108145

Brasselet, S. *see* Diaz-Garcia, M.A. 107548

Brasseur, G. A robust capacitive angular position sensor 110144

Brasseur, G. *see* Halper, C. 83180

Brassfield, W.R., Spee, R., Habetler, T.G. Direct torque control for brushless doubly-fed machines 112461

Brassil, J., Cruz, R. Nonuniform traffic in the Manhattan street network 77938

Brat, O. *see* Dammertz, G. 105036

Brathwaite, N.E., Kuan, M., Ho, T. Implementing COB assembly 82272

Bratina, G., Vanzetti, L., Bonanni, A., Sorba, L., Paggel, J.J., Franciosi, A., Peluso, T., Tapfer, L. Structural properties of ZnSe/GaAs(100) heterostructures with engineered band offsets 72787

Bratina, G. *see* Lazzarino, M. 74462

Bratkovic, F. Nodal equations for sensitivity analysis 113633

Bratman, V.L., Denisov, G.G., Ginzburg, N.S., Kol'chugin, B.D., Peskov, N.Yu., Samsonov, S.V., Volkov, A.B. Experimental study of an FEM with a microwave system of a new type 107030

Bratman, V.L., Denisov, G.G., Kol'chugin, B.D., Samsonov, S.V., Volkov, A.B. High-efficiency CARM 96081

Bratman, V.L. *see* Peskov, N.Yu. 96083

Bratman, V.L. *see* Samsonov, S.V. 96084

Bratov, A. *see* Munoz, J. 74925

Bratsberg, H. *see* Johansen, T.H. 115849

Bratt, A., Macbeth, I. Design and implementation of a field programmable analogue array 61793

Bratt, A.H. *see* A'ain, A.K.B. 63871

Bratt, A.H. *see* A'ain, A.K.B. 95157

Bratt, G., Johannesson, R., Zigangirov, K.S. Decoding procedure capacities for the Gilbert-Elliott channel 66372

Brattoli, M. *see* Branca, A. 97993

Brattoli, M. *see* Gerna, D. 104737

Brattoli, M. *see* Tomasini, A. 79542

Brau, C. *see* Amirmadhi, F. 96557

Brau, C.A. *see* Amirmadhi, F. 96488

Brau, J.E. VXD3: the SLD vertex detector upgrade based on a 307 MPixel CCD system 80024

Brau, J.E. *see* Arodzero, A. 80036

Brauch, U. *see* Berger, L. 96245

Brauch, U. *see* Schubert, M. 96257

Brauchler, F., Robertson, S., East, J., Katehi, L.P.B. W-band finite ground coplanar (FGC) line circuit elements 93718

Braud, F., Tartavel, G., Persico, A., Reimbold, G. Electromigration of interconnects of a TiN/Cu/TiN/Ti structure 114986

Braud, P., Lapreste, J.-T., Dhome, M. Recognition, pose and tracking of modelled polyhedral objects by multi-ocular vision 67301

Brauer, A. *see* Gase, T. 75595

Brauer, G., Anwand, W., Coleman, P.G., Knights, A.P., Plazaola, F., Pacaud, Y., Skorupa, W., Stormer, J., Willutzki, P. Positron studies of defects in ion-implanted SiC 94452

Brauer, G. *see* Pacaud, Y. 105591

Brauer, G. *see* Reddy, C.V. 105479

Brauer, H. *see* Ziolkowski, M. 70049

Brauer, J.R., Lee, S.H., Chen, Q.M. Adaptive time-stepping in nonlinear transient electromagnetic finite element analysis 102727

Brauer, J.R., Lizalek, G.C., Nakamoto, E. Finite element analysis of evanescent microwaves in dielectric resonator filters 104796

Brauer, J.R., Ruehl, J.J., Juds, M.A., Vander Heiden, M.J., Arkadan, A.A. Dynamic stress in magnetic actuator computed by coupled structural and electromagnetic finite elements 71610

Brauer, J.R. *see* Arkadan, A.A. 107799

Brauer, J.R. *see* Nakamoto, E. 107824

Brauer, S. *see* Clevenger, L.A. 74635

Brauer, S.O., Grelick, A.E., Grimmer, J., Otocki, R.D., Kang, Y.W., Noonan, J., Russell, T. Design and testing of a high power, ultra-high vacuum, dual-directional coupler for the Advanced Photon Source (APS) linear accelerator 100740

Brauer-Burchardt, C. *see* Baresova, E. 69929

Brauksiepe, S., Grzonka, D., Kilian, K., Oelert, W., Roderburg, E., Rook, M., Sefzick, T., Turek, P., Wolke, M., Bechstedt, U., Dietrich, J., Maier, R., Martin, S., Prasuhn, D., Schnase, A., Schneider, H., Stockhorst, H., Toelle, R., Karnadi, M., Nellen, R., Watzlawik, K.H., Diart, K.H., Gutschmidt, H., Jochmann, M., Koehler, M., Reinartz, R., Wuestner, P., Zwoll, K., Klehr, F., Stechemesser, H., Dombrowski, H., Hamsink, W., Khoukaz, A., Lister, T., Quentmeier, C., Santo, R., Schepers, G., Jarczyk, L., Kozela, A., Majewski, J., Misiak, A., Moskal, P., Smyrski, J.J., Sokolowski, M., Strzalkowski, A., Balewski, J., Budzanowski, A., Bowes, S., Hardt, A., Goodman, C., Seddik, U., Ziolkowski, M. COSY–11, an internal experimental facility for threshold measurements 100815

Braun, A., Xinbing Liu, Mourou, G., Kopf, D., Keller, U. A diode-pumped Nd:glass regenerative amplifier for sub-picosecond microjoule level pulses 96232

Braun, A. *see* Bharadwaj, V. 89676

Braun, A.E., Dralyuk, B.N., Tikotskii, A.E. Electric drive for high-speed adjusting screws of cold-rolling mills 71943

Braun, B., Honninger, C., Zhang, G., Keller, U., Heine, F., Kellner, T., Huber, G. Efficient intracavity frequency doubling of a passively mode-locked diode-pumped neodymium lanthanum scandium borate laser 116458

Braun, B. *see* Rathmann, F. 119987

Braun, B. *see* Schmidt, P.V. 90179

Braun, B. *see* Zapfe, K. 120083

Braun, C. *see* Petr, D.W. 67530

Braun, D., Koppl, G. Insulation co-ordination in power stations with alternator circuit-breakers 91248

Braun, D. *see* Hsueh, A. 98952

Braun, D.F. *see* Cole, J.C. 79259

Braun, D.M. *see* Fouquet, J.E. 116476

Braun, E., Klinge, R., Zimmert, G., Hofmann, G. A comparison of multi-voltage systems in traction power supplies 112492

Braun, E. *see* Patyra, M.J. 113899

Braun, G. *see* Kreitmair-Steck, W. 79002

Braun, H., Corsini, R., Delahaye, J., Guignard, G., Johnson, C., Madsen, J., Schnell, W., Thorndahl, L., Wilson, I., Wuensch, W., Zotter, B. CLIC–a compact and efficient high energy linear collider 89667

Braun, H. *see* Bossart, R. 89668

Braun, H. *see* Bossart, R. 94181

Braun, H.F. *see* Nittke, A. 75326

Braun, J.C., Hanley, D.F., Thakor, N.V. Detection of neurological injury using time-frequency analysis of the somatosensory evoked potential 101380

Braun, J.M., Rizzetto, S., Fujimoto, N., Ford, G.L., Molony, T., Meehan, J.P. X-ray induced partial discharge testing of full-size EHV insulators 121210

Braun, K. *see* Larsen, E.V. 91088

Braun, M. *see* Fulton, R.R. 70063

Braun, P.V., Osenar, P., Stupp, S.I. Semiconducting superlattices templated by molecular assemblies 62848

Braun, R.P., Grosskopf, G., von Helmolt, C.H., Kruger, K., Kruger, U., Rohde, D., Schmidt, F. Optical microwave generation and transmission experiments in the 12 and 60 GHz-region for wireless communications 88236

Braun, T. PATROCLOS: a flexible and high performance transport subsystem 118135

Braun, T., Diot, C. Performance evaluation and cache analysis of an ILP protocol implementation 73361

Braun, T., Schiller, J., Zitterbart, M. A modular VLSI implementation architecture for communication subsystems 118186

Braun, U. *see* Dierks, A. 102317

Braun, V. On properties of binary maxentropic DC-free runlength-limited sequences 66323

Braun, V. *see* Steffen, B. 78147

Braun, V. *see* Steffen, B. 98607

Braun, W. *see* Langbein, W. 83950

Brauner, C. Latest developments in integrated hydro power plant and substation control systems 81339

Braunger, D., Hariskos, D., Walter, T., Schock, H.W. An 11.4% efficient polycrystalline thin film solar cell based on $CuInS_2$ with a Cd-free buffer layer 81878

Braunger, D. *see* Oberacker, T.A. 116243

Braunger, D. *see* Walter, T. 92941

Brauninger, H., Bottcher, H., Burkert, W., Carathanassis, D., Findeis, N., Hagl, G., Hartner, G., Hauff, N., Hengmith, M., Hippmann, H., Holl, P., Kastelic, E., Kemmer, J., Kendziorra, E., Kink, W., Kramer, J., Lechner, P., Lutz, G., Maurer, D., Meidinger, N., Metzner, G., Mohan, M., Muller, S., Predehl, P., Reppin, C., Richter, R., Schaumbergee, J., Schwnab, G., Seitz, H., Sigl, R., Soltau, H., Staubert, R., Struder, L., Trumper, J., von Zanthier, C. The pn-CCD as focal plane detector for the XMM satellite mission 90702

Braunlich, P.F. *see* Mathur, V.K. 110979

Braunlich, R. *see* Reichelt, D. 121193

Braunmuhl, W.von *see* von Braunmuhl, W.

Braunovic, M., Aleksandrov, N. Effect of electrical current on the morphology and kinetics of formation of intermetallic phases in bimetallic aluminum-copper joints 62417

Braunovic, M., Labrecque, C. Shape-memory alloy mechanical contact devices 104913

Brauns, H., Konrath, W. Ultra low phase noise parametric frequency divider for highest performance microwave- and millimeter-wave frequency sources 114312

Braunschweig, W., Geulig, E., Schoentag, M., Siedling, R., Wlochal, M., Wotschack, J., Cheplakov, A., Feshchenko, A., Kazarinov, M., Kukhtin, V., Ladygin, E., Obudovskij, V., Geweniger, C., Hanke, P., Kluge, E.-E., Krause, J., Putzer, A., Rensch, B., Schmidt, M., Stenzel, H., Tittel, K., Wunsch, M., Zerwas, D., Ban, J., Bruncko, D., Jusko, A., Kocper, B., Aderholz, M., Brettel, H., Dulny, B., Dydak, F., Fent, J., Huber, J., Jakobs, K., Oberlack, H., Schacht, P., Bogolyubsky, M.Y., Chekulaev, S.V., Kiryunin, A.E., Kurchaninov, L.L., Levitsky, M.S., Maksimov, V.V., Minaenko, A.A., Moiseev, A.M., Semenov, P.A., Tikhonov, V.V. Performance of the TGT liquid argon calorimeter and trigger system 120173

Braunschweig, W., Karpinski, W., Kubicki, T., Lubelsmeyer, K., Ortmanns, J., Pandoulas, D., Pierschel, G., Rente, C., Siedling, R., Syben, O., Tenbusch, F., Toporowsky, M., Wilms, T., Wittmer, B., Xiao, W.J. Measurements on a GaAs microstrip detector with 50 GeV/c electrons 120140

Braunschweig, W., Kubicki, T., Luebelsmeyer, K., Pandoulas, D., Syben, O., Tenbusch, F., Toporowsky, M., Wilms, T., Wittmer, B., Xiao, W.J. Investigation of the radiation damage of GaAs detectors by neutrons and photons 69836

Braunschweig, W. *see* Anticic, T. 90166

Braunstein, J. *see* Pereiaslavets, B. 104850

Braunstein, J. *see* Schlechtweg, M. 114321

Brauschke, P. Smart power switches for industrial controls 104305

Brautaset, N.J. *see* Torbergsen, T. 90499

Brautigam, D.H. *see* Gussenhoven, M.S. 70480

Brautigam, H. *see* Mauthe, G. 64161

Bravaix, A., Vuillaume, D., Thirion, V., Straboni, A., Haond, M. Electron trapping and detrapping in 8 nm-thick gate-oxide of p^+ poly-gate p-MOSFET's 63669

Bravaix, A. *see* Vuillaume, D. 105955

Bravar, U. *see* Barbiellini, G. 69722

Bravi, E. *see* Aureli, G. 78242

Bravin, A. *see* Arfelli, F. 90367

Bravin, A. *see* Arfelli, F. 90432

Bravman, J.C. *see* Besser, P.R. 84223

Bravo, R.Del *see* Del Bravo, R.

Bray, M. *see* Aikens, D. 85431

Bray, R., Forrester, K., McDougall, J.J., Damji, A., Ferrell, W.R. Evaluation of laser Doppler imaging to measure blood flow in knee ligaments of adult rabbits 90414

Bray, T. Measuring the Web 77961

Braymer, W. *see* Nellemann, P. 101337

Brayton, R.K. *see* Lam, W.K.C. 73270

Brayton, R.K. *see* Narayan, A. 92496

Brayton, R.K. *see* Sanghavi, J.V. 83080

Brayton, R.K. *see* Stephan, P. 104454

Brayton, R.K. *see* Watanabe, Y. 73269

Braz, A., Hofmann, P., Mauro, R., Melhorn, C.J. An evaluation of energy storage techniques for improving ride-through capability for sensitive customers on underground networks 81063

Braz, O. *see* Wagner, D. 73633

Brazier, P. *see* Brown, C. 111646

Brazil, T. *see* Feldmann, P. 114266

Brazil, T.J. *see* Cojocaru, V.I. 73724

Brazil, T.J. *see* Feldmann, P. 93825

Brazil, T.J. *see* Perry, P. 93634

Brazil, T.J. *see* Perry, P. 119847

Brazio, J.M., Silva, N.J.S. Performance evaluation of a multi-layer location update method 109420

Brazio, J.M. *see* Silva, N.S. 118837

Brazis, R., Namajunas, A., Gaidelis, V., Mironas, A., Safonova, L., Bumeliene, S. Backward-wave-oscillator spectrometry in standards and material characterization 74074

Brazis, R. *see* Urban, M. 105120

Brazovskii, S. *see* Kirova, N. 75704

Brdys, M.A., Ogonowski, Z., Swider, Z. Generalized predictive control of induction motor 81457

Brealey, N.J. *see* Arter, W. 65608

Brealey, N.J. *see* Eastwood, J.W. 65628

Breazeale, M.A., Dehua Huang Gaussian ultrasonics: theory and practice 111357

Brebels, S. *see* Pieters, P. 62365

Brebner, J.L. *see* Gagnon, G. 74615

Brebner, J.L. *see* Knights, A.P. 85055

Brebner, J.L. *see* Verhaegen, M. 76117

Brebner, J.L. *see* Xing, Q.J. 63229

Brechbuhler, C. *see* Fual, P. 67304

Brecher, C. *see* Lempicki, A. 75717

Brecher, C. *see* Wojtowicz, A.J. 80012

Brechet, Y. *see* Bellet, D. 119893

Brechet, Y. *see* Belmont, O. 94300

Brecht, D., Greiner, F., Babst, J.-P., Ziegenbein, J. False alarm statistics of area-dependent reverberation [sonar] 68725

Brecht, D. *see* Greiner, F. 68733

Breda, I.G.van *see* van Breda, I.G.

Breda Coimbra, A.P. *see* Dias Pinto, J.A. 81455

Bredas, J.-L. *see* Isoshima, T. 85586

Bredas, J.L. *see* Cornil, J. 75755

Bredas, J.L. *see* Cornil, J. 96021

Bredenkamp, G.L. *see* Botha, L.J. 102876

Breder, T. *see* Renter, R. 104841

Bredereke, J. Formal criteria for feature interactions in telecommunications systems 98557

Brederlow, G. *see* Baumhacker, H. 116308

Bredeson, J.G., Pillai, D.A. Efficiency of ATM networks in transporting TCP/IP traffic 67575

Bredikhin, V.I., Kuznetsov, S.P. Some problems of the KD*P crystals use for frequency conversion (FC) of iodine laser radiation 116659

Bredikhin, V.I. *see* Bespalov, V.I. 92656

Bredikhin, V.I. *see* Bespalov, V.I. 116660

Bredow, J.W. *see* Hean-Teik Chuah 111164

Bredow, J.W. *see* May, G.C. 111296

Bredow, J.W. *see* Nadimi, S.A. 111309

Bree, J.de *see* de Bree, J.

Breed, G.A. Active filter and other op amp circuits for RF applications 83199

Breed, G.A. Multi-frequency antennas for wireless applications 97314

Breedijk, T. *see* Stuber, J.D. 63888

Breedon, R. *see* Lin, F. 100985

Breeman, M., Barkema, G.T., Langelaar, M.H., Boerma, D.O. Computer simulation of metal-on-metal epitaxy 61237

Breen, E.J. *see* Soille, P. 67371

Breese, J.S., Heckerman, D. Decision-theoretic case-based reasoning 113014

Breese, M.B.H. *see* Saint, A. 94872

Breeuwer, M. The basics of source coding 86112

Breeze, J. *see* Centeno, A. 62161

Brefeld, W., Faatz, B., Nikitina, Yu.M., Pflueger, J., Pierini, P., Rossbach, J., Saldin, E.L., Schneidmiller, E.A., Yurkov, M.V. Parameter study of the VUV FEL at the TESLA Test Facility 96530

Brefeld, W. *see* Balewski, K. 80148

Brefeld, W. *see* Nesemann, H. 79867

Bregadze, Yu.I. *see* Toivonen, M. 90661

Bregler, C. *see* Fleck, M.M. 67314

Breglio, G. *see* De Venuto, D. 115313

Breglio, G. *see* Irace, A. 119258

Bregman, J.D. *see* Hamaker, J.P. 79112

Bregman, J.D. *see* Hamaker, J.P. 79113

Bregni, S. Measurement of maximum time interval error for telecommunications clock stability characterization 110396

Bregni, S., Valtriani, L., Veghini, F. Simulation of clock noise and AU-4 pointer action in SDH equipment 77545

Bregoli, G. *see* Bortoletto, F. 100137

Brehme, St. *see* Tomm, Y. 74314

Brehmer, D. *see* Bogaerts, R. 83889

Brehmer, D. *see* Sadwick, L.P. 103930

Brehmer, D.E., Kai Zhang, Schwarz, Ch.J., Chau, S.-P., Allen, S.J., Ibbetson, J.P., Zhang, J.P., Petukhov, A.G., Palmstrom, C.J., Wilkens, B. Resonant tunneling through rare earth arsenide, semimetal quantum wells 63561

Brei, D. *see* Seeley, C.E. 95307

Breide, S., Gross, B. Medical application trial based on a 3D-capable videoconference system 67884

Breide, S. *see* Ernst, H. 108424

Breidenthal, R.S., Galat-Skey, R., Geany, J.J. Optical surfacing of one-meter class reaction bonded silicon carbide 64869

Breil, M. *see* Sanchez, J.L. 106109

Breiland, W.G., Brennan, T.M., Chui, H.C., Hammons, B.E., Killeen, K.P. Normal incidence reflectance: A robust tool for in situ real-time measurement of growth rates and optical constants of CVD-grown semiconductor thin films 61421

Breiland, W.G. *see* Biefeld, R.M. 82650

Breiland, W.G. *see* Hou, H.Q. 107308

Breiman, L. Stacked regressions 86173

Breipohl, A.M. *see* Zuwei Yu 101920

Breitbard, A. *see* Madjar, A. 73720

Breitenbach, G. *see* Schiller, S. 76149

Breitenberger, G. *see* Langenbeck, B. 101415

Breiteneder, C. *see* Kaul, M. 119409

Breiter, M.W., Reiselhuber, K., Dorner, G. Thermal stability of the oxygen ion conductor BICUVOX.10 in different gaseous atmospheres [fuel cell solid electrolyte] 112321

Breitfelder, S. *see* Reichel, F. 95851

Breitgand, D. *see* Amir, E. 118344

Breithaupt, J. *see* Bartscher, G. 65719

Breitholtz, B. *see* Tornblad, O. 115133

Breitlow, C. *see* Nachtwei, G. 74273

Brejl, M. Restoration of local degradations in audio signals 108282

Brekhovskikh, V.V., Evdokimov, V.N., Rykalin, V.I., Protopopov, Yu.M., Belyanchenko, S.A., Glukhovskaya, N.B., Glukhovskoi, B.M., Dukor, S.G. FEU-115m photomultiplier tube with improved linearity [for collider facility calorimeters] 80013

Brekke, D.J. Wheel/rail profile studies 91850

Brekke, H. Hydraulic design strategy for Francis turbines 102504

Bremer, J., Hoffmann, P., Singer, W., Meek, C.E., Ruster, R. Simultaneous PMSE observations with ALOMAR-SOUSY and EISCAT-VHF radar during the ECHO-94 campaign 101557

Bremer, J.-H. *see* Metzner, H. 104011

Bremer, M. *see* Tarumi, K. 119810

Bremer, R. Inter-PLMN handover–an approach for a functional requirement description 68241

Bremner, J.J., Acha, E., Miller, T.J.E. Torque coefficient analysis of multi-device power systems 70649

Bremser, M.D. *see* Chien, F.R. 61219

Bremser, M.D. *see* Edwards, N.V. 114903

Bremser, M.D. *see* Gotz, W. 114631

Bren, S.P.A. Reviewing the RF safety issue in cellular telephones 70273

Bren, S.P.A. Historical introduction to EMF health effects 90634

Bren, S.P.A. 60-Hz EMF health effects 101443

Brendel, H. *see* Cuntze, G. 115501

Brendel, R. Influence of a magnetic field on quartz crystal resonators 106378

Brendel, R., Hirsch, M., Plieninger, R., Werner, J.H. Quantum efficiency analysis of thin-layer silicon solar cells with back surface fields and optical confinement 81900

Brendel, R., Werner, J.H., Queisser, H.J. Thermodynamic efficiency limits for semiconductor solar cells with carrier multiplication 103016

Breneman, G.E. *see* Dumville, J.C. 109170

Brener, N.E. *see* Iyengar, S.S. 98327

Brener, R. *see* Chakk, Y. 72915

Brener, R. *see* Eyal, A. 83968

Brenier, A. Numerical investigation of the CW end-pumped NYAB and LiNbO$_3$:MgO:Nd self-doubling lasers 96166

Brenier, A., Jurdyc, A.M., Verweij, H., Cohen-Adad, M.T., Boulon, G. Up-conversion dynamics in GdAlO$_3$:Er^{3+} single crystal fibre 75868

Brenier, A. *see* Foulon, G. 116048

Brenizer, J.S., Jr., Raine, D.A., Gao, J., Chen, J. Design of a divergence and alignment indicator 110505

Brenizer, J.S., Jr. *see* Kobayashi, H. 110500

Brenn, R. *see* Samlenski, R. 92740

Brennan, J. Multilevel ASICs boost audio recording applications 68940

Brennan, J.M. The upgraded RF system for the AGS and high intensity proton beams 100466

Brennan, J.M. *see* Ahrens, L.A. 79924

Brennan, J.M. *see* Blaskiewicz, M. 79926

Brennan, J.M. *see* Ciardullo, D.J. 100555

Brennan, J.M. *see* Onillon, E. 100621

Brennan, J.M. *see* Ratti, A. 100615

Brennan, J.M. *see* van Asselt, W.K. 89865

Brennan, J.M. *see* Wei, J. 89880

Brennan, K.F. *see* Kolnik, J. 74149

Brennan, K.F. *see* Oguzman, I.H. 114620

Brennan, K.F. *see* Smith, A.W. 74684

Brennan, M. *see* Parks, G. 62311

Brennan, M. *see* Robinson, J. 62359

Brennan, P., Welke, A., Thornton, R. Integration of SCADA and DA/DMS across a large distribution system 70896

Brennan, P.V. Performance of phase-locked loop frequency synthesiser using accumulative phase detector 113789

Brennan, S. *see* Wirth, S. 115556

Brennan, T.M. *see* Biefeld, R.M. 82650

Brennan, T.M. *see* Breiland, W.G. 61421

Brennan, T.M. *see* Meissner, K.E. 107664

Brenner, A. Network performance/reliability evaluation using stochastic reward models 98364

Brenner, I. *see* Sun, C.J. 94321

Brenner, K.-H. *see* Bahr, J. 85233

Brenner, K.-H. *see* Singer, W. 69532

Brenner, K.H. *see* Baehr, J. 79737

Brenner, M. *see* Foth, H.-J. 80199

Brenner, S.C. Two-level additive Schwarz preconditioners for nonconforming finite element methods 103724

Brenner, S.C. Preconditioning complicated finite elements by simple finite elements 113261

Brenner, T., Joyner, C.H., Zirngibl, M. Compact design waveguide grating routers 106845

Brenner, T. *see* Kyburz, R. 109314

Brennesholtz, M.S. Light collection efficiency for light valve projection systems 89223

Brenscheidt, T. *see* Wendt, H. 102961

Brent, R. *see* Tang, H. 97974

Brent, R.P., van der Poorten, A.J., te Riele, H.J.J. A comparative study of algorithms for computing continued fractions of algebraic numbers 103654

Brent, R.P. *see* Zhou, B.B. 72631

Brent, T. *see* Balachandran, U. 91234

Bresci, E., Becchi, I. Soil hydraulic characterization derived from Landsat TM-5 data 120868

Brescia, M., D'Argenio, B., Ferreri, V., Longo, G., Pelosi, N., Rampone, S., Tagliaferri, R. A neural network for spectral analysis of stratigraphic records 120705

Bresciani, F. *see* Audone, B. 97190

Bresesti, P. *see* Berizzi, A. 101936

Bresesti, P. *see* Berizzi, A. 101979

Bresin, R., Vedovetto, A. Neural networks for a simpler control of synthesis algorithm of musical tones and for their compression 99811

Breskin, A. CsI UV photocathodes: history and mystery 62557

Breskin, A., Buzulutskov, A., Chechik, R., Prager, M., Shefer, E. Evidence for thin-film protection of visible photocathodes 94209

Breskin, A. *see* Buzulutskov, A. 62560

Breskin, A. *see* Buzulutskov, A. 62649

Breskin, A. *see* Chechik, R. 80151

Breskin, A. *see* Di Mauro, A. 62558

Breskin, A. *see* Malamud, G. 69825

Bresler, M.S., Gusev, O.B., Zakharchenya, B.P., Pak, P.E., Sobolev, N.A., Shek, E.I., Yassievich, I.N., Makoviichuk, M.I., Parshin, E.O. Electroluminescence of erbium-doped silicon 75720

Bresler, M.S., Gusev, O.B., Zotova, N.V., Aydaraliev, M., Karandashev, S.A., Matveev, B.A., Stus, N.M., Talalakin, G.N. InAs-based laser double heterostructures with p-n junction in the active region 116506

Bresler, M.S. *see* Aidaraliev, M. 116468

Bresler, Y. *see* Couvreur, C. 117472

Bresler, Y. *see* Delaney, A.H. 70002

Bresler, Y. *see* Garth, L.M. 66817

Bresler, Y. *see* Garth, L.M. 66833

Bresler, Y. *see* Harikumar, G. 108496

Bresler, Y. *see* Harikumar, G. 117510

Breslin, J.G., Hurley, W.G. Design of magnetic components using a graphical interface: inclusive of high frequency effects 83562

Bresolin, C. *see* Polignano, M.L. 84077

Bresowar, J. *see* Kief, M.T. 64358

Bressan, M., Conciauro, G., Gamba, P. Analysis of guided modes in multilayer/multiconductor structures by the "boundary integral–resonant mode expansion method" 65933

Bressan, M. *see* Conciauro, G. 93693

Bressand, A. Networks as "linking machines": a fresh look at markets, organizations, and infrastructures in advanced societies 87831

Bressani, T. *see* Agnello, M. 110583

Bresse, J.F. *see* Lescaut, B. 105611

Bressers, P.M.M.C., Kelly, J.J., Gardeniers, J.G.E., Elwenspoek, M. Surface morphology of p-type (100) silicon etched in aqueous alkaline solution 62696

Bressi, G. *see* Carugno, G. 100803

Bressloff, P.C. *see* Dwyer, V.M. 115014

Bressy, P. *see* Derewonko, H. 73813

Bressy, P. *see* Derewonko, H. 104875

Brest, I.C.D. *see* Elfouhaily, T. 120805

Bret, J.L. *see* Ayela, F. 64545

Bretagnon, T. *see* Syrkin, A.L. 103995

Bretan, I. *see* Karlgren, K. 66577

Breteau, J.M., Gesland, J.Y. Spectroscopic and lasing properties of a diode pumpable Nd:GdF$_3$ crystal 75906

Bretelle, J.-L., Mercier, L., Spychala, H.B. Chemical cleaning of retired steam generator Dampierre unit 1 71104

Bretenaker, F. *see* Balcou, P. 96589

Bretenaker, F. *see* Poirson, J. 76083

Bretherton, R.D. *see* Bowen, G.T. 99868

Breton, A.Le *see* Le Breton, A.

Breton, D. *see* Dentan, M. 90222

Breton, D. *see* Dentan, M. 95214

Breton, M.E. *see* Brodie, S.E. 90512

Breton, P., Zucker, S.W. Shadows and shading flow fields 86454

Breton, Y. *see* Gicquel, A. 72928

Brett, M.E., Kent, B.M., Sawicki, J.A., Fracalanza, E. The effects of high hydrazine chemistry on corrosion product transport and feedwater electrochemical potential at Pickering NGS-B, a mixed feedtrain station 71062

Brett, M.J. *see* Backhouse, C.J. 92825

Brett, M.J. *see* Backhouse, C.J. 92850

Brett, M.J. *see* Friedrich, L.J. 63467

Brett, M.J. *see* Tait, R.N. 61377

Brett, M.J. *see* Xiang Gui 113224

Brett, M.J. *see* Xiang Gui 114995

Brett, P.N. *see* Baker, D. 80420

Brettel, H. Parameter measurements and irradiation tests of GaAs MESFET amplifiers operated in liquid argon 113777

Brettel, H. *see* Braunschweig, W. 120173

Bretthauer, U., Horneber, E.-H. BRASIL: the Braunschweig mixed-mode-simulator for integrated circuits 114146

Breuer, D., Kurtzke, C., Petermann, K. Upgrading the embedded standard-fibre network by optical-phase conjugation 88452

Breuer, D., Kurtzke, C., Petermann, K. Soliton-supported NRZ-intercity communication systems over standard single-mode fiber 88458

Breuer, M.A. *see* Parulkar, I. 83063

Breuer, P.T., Madrid, N.M., Kloos, C.D., Marin, A., Sanchez, L. A refinement calculus for VHDL 113826

Breuer, U. *see* Leuther, A. 62808

Breuil, N., Barthelemy, A., Froehly, C., Ariaudo, M., Reineix, A., Jecko, B. Optoelectronic characterisation of polycrystalline CdTe 75693

Breuil, N. *see* Armengaud, L. 96047

Breuille, Cl., Caille, E. Scattering centers models: A quasi-automatic method 70594
Breuls, A.H.E. *see* Van Laere, A.R. 64675
Breun, R.A. *see* Kirmse, K.H.R. 63298
Breun, R.A. *see* Kirmse, K.H.R. 63333
Breval, E. *see* Roy, R. 94279
Brevart, B.J., Journeau, C., Fuller, C.R. High frequency response of a fluid-filled cylindrical shell with an internal column of gas bubbles: application to active acoustic gas leak detection 90871
Breverman, C. *see* Gopalakrishnan, G.K. 88849
Brewer, E. *see* Woodruff, A. 77960
Brewer, E.A. *see* Fox, A. 77964
Brewer, E.A. *see* Katz, R.H. 87670
Brewer, F. *see* Crews, A. 118145
Brewer, F. *see* Monahan, C. 83016
Brewer, G.J. *see* Corey, J.M. 101048
Brewer, M.K. The QUARRY array software subsystems 68813
Brewer, P.D., Chow, D.H., Miles, R.H. Atomic antimony for molecular beam epitaxy of high quality III-V semiconductor alloys 82691
Brewington, A. *see* Alaruri, S.D. 119931
Brewis, S.J. *see* Tindle, J. 67612
Brews, J.R. *see* Yaochao Yang 60614
Brews, J.R. *see* Yaochao Yang 95182
Brews, J.R. *see* Yaochao Yang 104438
Brewster, A. *see* Pai, P. 75264
Brewster, R., MacGillivray, G. Homomorphically full graphs 60879
Brewster, R.L. *see* Ali, A.H. 109406
Breyta, G. *see* Allen, R.D. 105786
Breyta, G. *see* Conley, W. 105758
Breyta, G. *see* Wallraff, G.M. 105768
Brez, A. *see* Angelini, F. 69127
Brez, A. *see* Angelini, F. 80046
Brez, A. *see* Gong, W.G. 90142
Breza, J. *see* Grmanova, A. 105881
Breza, J. *see* Skriniarova, J. 114946
Brezeanu, G. *see* Fernandez, J. 94628
Brezinski, C. Extrapolation algorithms and Pade approximations: a historical survey 72575
Brezinski, C., Matos, A.C. A derivation of extrapolation algorithms based on error estimates 60936
Brezinski, M.E. *see* Tearney, G.J. 120407
Brezocnik, Z. *see* Casar, A. 73244
Brezzi, F., Marini, L.D., Perugia, I., Di Barba, D., Savini, A. A novel field-based mixed formulation of magnetostatics 65669
Brezzo, B. *see* Widmer, A. 78352
Brglez, F. *see* Bhattacharya, S. 104453
Briaire, J. *see* Gijs, M.A.M. 95353
Briancon, C., Brudanin, V.B., Egorov, V.G., Janout, Z., Konicek, J., Kovalik, A., Kovalenko, V.E., Kubasta, J., Pospisil, S., Revenko, A.V., Rukhadze, N.I., Salamatin, A.V., Sandukovsky, V.G., Stekl, I., Timkin, V.V., Tsupko-Sitnikov, V.V., Vorobel, V., Vylov, T. The high sensitivity double beta spectrometer TGV 69880
Briancon, C. *see* Brudanin, V.B. 110622
Briand, D. *see* Pichon, L. 63675
Brianti, G. *see* Yamamoto, A. 89625
Briaud, J. *see* Desgardin, P. 94708
Bribiesca, E. Measuring 3-D shape similarity using progressive transformations 77413
Bricault, P.G., Baartman, R., Beveridge, J.L., Clark, G.S., Doornbos, J., Dutto, G., Hodges, T., Koscielniak, S., Root, L., Schmor, P.W., Schneider, H.R. ISAC-1: radioactive ion beams facility at TRIUMF 79993
Bricault, P.G., Joffe, D., Schneider, H.R. RFQ cold model studies 89721
Bricault, P.G., Schneider, H.R. Simulation of the TRIUMF split-ring 4-rod RFQ with MAFIA 89722
Bricconi, A. *see* Paoletti, R. 96301
Brice, C.W., Dougal, R.A., Hudgins, J.L. Review of technologies for current-limiting low-voltage circuit breakers 111682
Brickner, B., Jaekyun Moon A signal space representation of fixed delay tree search for use with d=0 codes 77001
Brickner, B., Jaekyun Moon A high dimensional signal space implementation of FDTS/DF 115808
Brickner, B. *see* Jaekyun Moon 117200
Brickner, D. *see* Lehman, J.D. 82121
Bricolo, A. *see* Chatrian, G.-E. 110854
Bricout, P.-H., Dubois, E. Short-channel effect immunity and current capability of sub-0.1-micron MOSFET's using a recessed channel 94955
Bricout, P.-H. *see* Dubois, E. 63590
Bricquir, S.Le *see* Le Bricquir, S.
Brid ni Fhlathuin The height on an abelian variety 103659
Bridal, S.L. *see* Roberjot, V. 110680
Bridges, G. *see* Said, R. 74796
Bridges, G.E. *see* Zaifu Zhang 61819
Bridges, J.F. *see* Kang, Y.W. 100650
Bridges, J.M. *see* Griesmann, U. 104986
Bridges, M.M., Dawson, D.M., Hu, J. Adaptive control for a class of direct drive robot manipulators 102732
Bridges, P.G. *see* Mosberger, D. 118120
Bridgwood, I., Krogh, F., Vinther, O. Danish engineering education has changed 72114
Bridwell, J. *see* Pyle, R.E. 95199
Briell, W. *see* Butz, R. 92689
Briem, U. *see* Enssle, J. 118523
Brienza, D.M., Chung, K.C., Brubaker, C.E., Wang, J., Kang, T.E., Lin, C.T. A system for the analysis of seat support surfaces using surface shape control and simultaneous measurement of applied pressures 80498
Brienza, N. GTE view of the DoD telemedicine environment 80170
Briere, P. Recent European development programmes for volume applications of millimeter waves ICs 62325
Brierley, R.H. *see* Marti, L. 111549
Brierre, J., Daniel, C., Nicque, J.-L. Assembly and integrated packaging of of optoelectronic components in Alcatel's new manufacturing plant 75772
Brierton, B. *see* Galagedera, S.B. 90216
Brierton, B. *see* Galagedera, S.B. 100941
Briffa, M.A., Faulkner, M. Stability analysis of Cartesian feedback linearisation for amplifiers with weak nonlinearities 104368
Brigadnov, I.Yu., Zabudskii, E.E., Samokhvalov, M.K. Thin-film electroluminescent display units 69388
Brigati, S., Maloberti, F., Torelli, G. A CMOS sample and hold for high-speed ADCs 104640
Brigati, S. *see* Bigongiari, A. 73170
Brigati, S. *see* Bigongiari, A. 100911
Brigger, P., Kunt, M. Morphological shape representation: application to image coding 67128
Brigger, P. *see* Salembier, P. 77257
Briggmann, D. *see* Zhi-Gong Wang 73504
Briggs, A. *see* Chekanov, A.S. 115697
Briggs, G. Continuous control of the Boston Elbow 101435
Briggs, P.J., Walker, A.B., Dunn, G.M., Herbert, D.C. Modelling of the influence of velocity overshoot on the cut-off frequency in Si and GaAs heterojunction bipolar transistors 73742
Briggs, R.D. *see* Fritz, I.J. 116109
Briggs, S.J. *see* Hollis, H.D. 72201
Briggs, T. *see* Twist, P. 67661
Bright, B. *see* Joiner, B. 103443
Bright, C.L., Giza, M.M., Lawler, W.B., Patterson, M.S. High-performance 1-D CCD imager module 97970
Bright, D.S. *see* Marinenko, R.B. 119939
Bright, M.S., Arslan, T. Genetic framework for the high level optimisation of low power VLSI DSP systems 73446
Bright, V.M., Comtois, J.H., Sene, D.E., Reid, J.R., Gustafson, S.C., Watson, E.A. Realizing micro-opto-electro-mechanical devices through a commercial surface-micromachining process 106250
Bright, V.M. *see* Comtois, J.H. 74914
Bright, V.M. *see* Comtois, J.H. 74977
Bright, V.M. *see* Comtois, J.H. 75594
Bright, V.M. *see* Read, B.C., III 74978
Bright, V.M. *see* Sene, D.E. 75592
Bright, V.M. *see* Weaver, G.S. 106321
Bright, W. Computer simulation for electric traction 71839
Brightman, J. Making sure testing devices help PCS from laboratory to roll-out 118820
Brightman, J.R. *see* Murray, R. 112789
Brightwell, J.W. *see* Clough, S. 74300
Brignon, A. Temporal analysis of pulsed phase conjugation in laser amplifiers: application to $Nd:YVO_4$ 96203
Brignon, A., Huignard, J.-P. Phase conjugation in Cr^{4+}:YAG at 1.06 μm 96657
Brignon, A., Huignard, J.-P., Rajbenbach, H. Phase conjugation by saturable-gain degenerate four-wave mixing in solid-state laser media 116684
Brignone, A. *see* Fiaschi, G. 108978
Briguet, C. *see* Rufer, A.-C. 122054
Brikman, I. *see* Horii, S. 111010
Brikman, I. *see* Kundel, H.L. 111008
Brikman, I. *see* Langlotz, C.P. 111011
Brikman, I. *see* Redfern, R. 110723
Brilakis, C. Algorithm to locate the nodal points of a projected mesh 86500
Briles, S., Moore, K., Jones, R., Blain, P., Klingner, P., Neagley, D., Caffrey, M., Henneke, K., Spurgen, W. Innovative use of DSP technology in space: FORTE event classifier 101551
Brill, A.M. Future voice intercom technologies and architectures 119417
Brill, B., Heiblum, M. Cyclotron oscillations in a tilted magnetic field: a tool to measure the mean free path of ballistic electrons in high purity GaAs 62741
Brill, D., Gaunaurd, G.C., Huang, H., Strifors, H.C. Electromagnetic scattering from finite-length cylinders and rods 97063
Brill, D. *see* Gaunaurd, G.C. 88730
Brillante, S., Hill, R.J., Leonard, P.J., Pozzobon, P. Electromagnetic fields in traction systems: modelling and applications 81970
Brillante, S. *see* Hill, R.J. 91852
Brillante, S. *see* Hill, R.J. 91911
Brillault, B., Guisnel, F., Jan, P., Thinbault, G. 'As built models' of industrial installations. Comparizon of different sensors and softwares 110022
Brillembourg, A. *see* Castellanos, O. 102145
Brillet, A. *see* Barillet, R. 75901
Brillet, A. *see* Bondu, F. 65582
Brillon, D. *see* Rajagopalan, V. 104325
Brillouet, F. *see* Masetti, F. 78317
Brillouet, F. *see* Plais, A. 107318
Brillouet, M. *see* Kalnitsky, A. 63700
Brillson, K.J. *see* Dylla, H.F. 76067
Brillson, L.J. *see* Kelley, M.J. 107359
Brillson, L.J. *see* Yang, X. 83891
Brillson, P.V. Doing business on the Internet: an examination of opportunities and barriers to international trade and communications 87808
Brinciotti, A., Di Paola, A., Ritchie, D.M., Tromby, M., Vidimari, F. Optical investigation on delta doped PHEMT structures 63053
Brinciotti, A. *see* Di Paola, A. 63052
Brind'Amour, A. *see* Hassanein, H. 97603
Brindel, P. *see* Brun-Maunand, E. 68500
Bringans, R. *see* Sun, D. 96249
Bringer, C. *see* Dassonville, J.-F. 111756
Bringhurst, S., Iskander, M.F. Open-ended metallized ceramic coaxial probe for high-temperature dielectric properties measurements 79650
Bringi, V.N., Liu, L., Kennedy, P.C., Chandrasekar, V., Rutledge, S.A. Dual multiparameter radar observations of intense convective storms: the 24 June 1992 case study 90775
Bringi, V.N. *see* Hubbert, J.C. 90808
Brings, L. *see* Kremer, R. 83454
Brings, L. *see* Kremer, R. 83482
Brini, F. *see* Bazzani, A. 120059
Brini, J. *see* Mounib, A. 63594
Brink, G.S. *see* Melson, D.L. 110896
Brink, M.Van Den *see* Van Den Brink, M.
Brink, P.L. *see* Cabrera, B. 100819
Brink, U., Stephan, E.P. Convergence rates for the coupling of FEM and collocation BEM 61119
Brinke, G.ten *see* ten Brinke, G.
Brinker, A.C.den *see* den Brinker, A.C.
Brinker, D.J. *see* Scheiman, D.A. 70413
Brinker, F. *see* Nesemann, H. 79867
Brinkevich, D.I. *see* Aleshin, V.D. 74129
Brinkley, A., Kirby, J.R., Wadehra, I.L., Besnainou, J., Coulon, R., Goybet, S. Life cycle inventory of PVC: manufacturing and fabrication processes 72310
Brinkley, B., Busenitz, J., Zilizi, G. Wire tension measurement using voltage switching 69784
Brinkley, P. *see* Koopman, N. 94055
Brinkman, A.W. *see* Al-Allak, H.M. 81886
Brinkman, A.W. *see* Al-Shahrani, A.A. 105190
Brinkman, A.W. *see* Fiddes, A.J.C. 74280
Brinkman, A.W. *see* Galloway, S.A. 81899
Brinkman, A.W. *see* Horsfall, A.B. 74234
Brinkman, A.W. *see* Loginov, Y.Y. 102988
Brinkman, A.W. *see* Oktik, S. 74191
Brinkman, R.J. *see* Meuris, B. 88476
Brinkmann, D. *see* Mariette, H. 72771
Brinkmann, D. *see* Swirhun, S. 119223
Brinkmann, R. HERA status and plans 79932
Brinkmann, R. Status of the design for the TESLA linear collider 89585
Brinkmann, R. *see* Baumann, I. 107198
Brinkmann, R. *see* Boge, M. 119999
Brinkmann, R. *see* Kelly, D.R.C. 100739
Brinkmann, R.P., Furst, R., Werner, C., Hierlemann, M. A reduced fluid-dynamical discharge model for applications in technology-oriented CAD 63892
Brinkmann, R.P., Furst, R., Werner, Chr., Hierlemann, M. A reduced-fluid dynamic discharge model for applications in technology-oriented computer-aided design 72901
Brinkmanna, A., Lavrijsen, C., Louis, S., Macfadyen, R., De Vleeschauwer, D., de Vries, R., Winstanley, S. Performance evaluation: Test configurations and results 78301
Brinthaupt, D., Knobloch, J., Othmer, J., Petryna, B., Uyttendaele, M. A programmable audio/video processor for H.320, H.324, and MPEG 77532
Brinzari, V. *see* Snigur, A. 69132
Briolat, C. *see* Chesnoy, A. 100325
Brion, J.P.De *see* De Brion, J.P.
Briones, F. *see* Sendra, J.R. 74150
Briones, F. *see* Utzmeier, T. 61293
Briot, M., Peyre, P., Lagarde, J.-M., Gall, Y. 3D images on skin specimens 87185
Briot, N. *see* Cloitre, T. 72772
Briot, N. *see* Cloitre, T. 72773
Briot, O., Gil, B., Sanchez, S., Aulombard, R.L. Reflectance study of MOVPE grown GaN using triethylgallium and ammonia 104072
Briot, O. *see* Cloitre, T. 72772
Briot, O. *see* Cloitre, T. 72773
Briot, O. *see* Konczewicz, L. 74174
Briot, O. *see* Pages, O. 94465
Briquet, P., Bertrand, J., Sautejeau, N., Klingler, M., Szelag, M., Demoulin, B. Electromagnetic compatibility of road equipment 97178
Briquet, P., Blanche, E., Godefroy, J.-P. Metrology of urban moving by GPS 99854
Brisbin, D. *see* Poulter, M. 63971
Briso, C., Lopez, J. A 2 to 8 GHz YIG phased-locked oscillator combining analog and digital technology for low phase noise and wide band operation 62248
Brissaud, M. *see* Durris, L. 101596
Brissaud, M. *see* Isner-Brom, P. 106345
Brisset, C. *see* Baggio, J. 76027
Brisset, C. *see* Baggio, J. 107342
Brisset, C. *see* Gardic, F. 73387
Brisset, C. *see* Gardic, F. 74850
Brisset, C. *see* Gardic, F. 104501
Brisset, C. *see* Gardic, F. 104555
Brissett, R., Sodha, J. Unequal error protection using convolutional codes 97581
Brissette, L. *see* Greenly, J.B. 69700

Brisson, J.G. *see* Watanabe, A. 103171
Brissot, R. *see* Abbes, M. 90145
Bristow, J., Liu, Y., Marta, T., Johnson, K., Hanzal, B., Peczalski, A., Bounnak, S., Liu, Y.S., Cole, H. MCM board level optical interconnects using passive polymer waveguides with hybrid optical and electrical multichip module packaging 85340
Bristow, J., Singh, D. Optical microwave cellular systems for plant automation 68458
Bristow, J.P. *see* Liu, Y.S. 116287
Bristow, M.P. *see* Kovalev, V.A. 111217
Bristow, M.P. *see* Kovalev, V.A. 111218
Britebard, A. *see* Sabban, A. 99433
Britel, M. *see* Ciureanu, P. 64287
Britel, M. *see* Ciureanu, P. 115475
Britousov, N.N. *see* Keilin, V.E. 103042
Britt, B.D., Glaciowski, T. Reconstructive derivational analogy: A machine learning approach to automating redesign 61548
Britt, J.S. *see* Delahoy, A.E. 112333
Britten, A.C. *see* Kelly, R.A. 102091
Britten, A.C. *see* Pretorius, P.H. 101843
Britten, A.C. *see* Pretorius, P.H. 103125
Britten, A.C. *see* Ravera, C.N. 81116
Britten, J.A., Boyd, R.D., Perry, M.D., Shore, B.W., Thomas, I.M. Low efficiency gratings for 3rd harmonic diagnostics applications 85734
Britten, J.A., Nguyen, H.T., Falabella, S.F., Shore, B.W., Perry, M.D., Raguin, D.H. Etch-stop characteristics of Sc_2O_3 and HfO_2 films for multilayer dielectric grating applications 115984
Britten, J.A., Perry, M.D., Shore, B.W., Boyd, R.D., Loomis, G.E., Chow, R. High-efficiency, dielectric multilayer gratings optimized for manufacturability and laser damage threshold 107472
Britten, J.A. *see* Shore, B.W. 96580
Britten, J.A. *see* Spallas, J.P. 74000
Britten, J.A. *see* Spallas, J.P. 84260
Britten, P.D., Lankester, C.M., Johnson, J.M. Implementation of OSI compliant aircraft communication systems 88173
Brittig, K. *see* Sheble, G.B. 80964
Britto, F.R. *see* Soares, M.R. 121186
Britton, B.K. *see* Ngai, T. 113854
Britton, C.L., Jr., Bryan, W.L., Emery, M.S., Ericson, M.N., Musrock, M.S., Simpson, M.L., Walker, J.W., Wintenberg, A.L., Plasil, F., Young, G.R., Allen, M.D., Clonts, L.G., Kennedy, E.J., Smith, R.S., Boissevain, J., Jacak, B.V., Kapustinsky, J., Simon-Gillo, J., Sullivan, J.P., van Hecke, H., Xu, N. Low noise, low power dissipation analog LSI electronics for heavy ion detectors 110617
Britton, C.L., Jr., Wintenberg, A.L., Young, G.R., Awes, T.C., Womac, M., Kennedy, E.J., Smith, R.S. Post-radiation memory correction using differential subtraction for PHENIX 80132
Britton, C.L., Jr., Wintenberg, A.L., Young, G.R., Awes, T.C., Womac, M., Kennedy, E.J., Smith, R.S. Post-radiation memory correction using differential subtraction for PHENIX 100979
Britton, C.L., Jr *see* Ericson, M.N. 90206
Britton, C.L., Jr *see* Ericson, M.N. 100924
Britton, C.L., Jr *see* Wintenberg, A.L. 100967
Britton, D.L. Recent progress in the development of a lightweight nickel electrode 111063
Britton, F.W. *see* Davies, T.S. 104920
Britton, J. *see* Rutz, W.L. 70730
Britton, P.D. *see* Hanka, R. 86363
Britz, D., Antonia, R.A. A comparison of methods of computing power spectra of LDA signals 86176
Brivio, R., Zappi, O. Cavitation pitting of Pelton turbines. II 121388
Brivot, R., Marchant, J.A. Segmentation of plants and weeds for a precision crop protection robot using infrared images 67165
Brix, G. *see* Lucht, R. 120351
Brixy, H. *see* White, D.R. 119664
Brixy, H.Von *see* Von Brixy, H.
Broadbent, A. *see* Vieira, R.F. 106723
Broadbent, J.T. *see* Hole, R.A. 81249
Broadfoot, S. *see* Elgaid, K. 104858
Broadhead, J., Gibbard, H.F., Kuo, H., Chi, F., Bowden, W. High-energy, high-power lithium-ion rechargeable cells 81692
Broadhead, M.K., Pflug, L.A., Field, R.L. Minimum entropy filtering for improving nonstationary sonar signal classification 119331
Broadwater, R.P., Dolloff, P.A., Herdman, T.L., Karamikhova, R., Sargent, A.F. Minimum loss optimization in distribution systems: discrete ascent optimal programming 91150
Broadwater, R.P. *see* Shaalan, H.E. 121127
Brocard, F. *see* Zahab, A. 62699
Broccolini, F., Lazzaro, P. Standard management system for SDH networks 108965
Brochard, J., Coutin, L., Leard, M. Modelling of rigid objects by bidimensional moments. Applications to the estimation of 3D rotations 67453
Broche, C. *see* Lobry, J. 65653
Broche, C. *see* Lobry, J. 65672
Brochet, P. *see* Hecquet, M. 111902
Brochu, J. *see* Pelletier, P. 70775
Brociek, W., Wilanowicz, R. Digital simulation of harmonic current flow in DC traction network 112493
Brock, F.V., Crawford, K.C., Elliott, R.L., Cuperus, G.W., Stadler, S.J., Johnson, H.L., Eilts, M.D. The Oklahoma mesonet: a technical overview 90767
Brock, F.V. *see* Gallagher, F.W., III 79435
Brock, J. *see* Dillon, D.A. 103347
Brock, J. *see* Wickham, M. 66181
Brock, J.L. *see* Gammage, R.B. 110964
Brock, J.R. *see* Jaemyoung Lee 115525
Brock, L.D. *see* Plies, J.B. 70346
Brock, R.W. *see* Vilim, R.B. 81261
Brock, S. *see* Michaels, D. 91242
Brock-gunn, S., Dowling, G.R., Ellis, T.J. Tracking using colour information 97986
Brockelman, C. *see* Frace, T. 71101
Brocker, B. Innovation in nuclear technology 71064
Brockerhoff, W. *see* Daumann, W. 104831
Brockerhoff, W. *see* Daumann, W. 104853
Brockerhoff, W. *see* Peters, D. 114270
Brockerhoff, W. *see* Reuter, R. 93795
Brockerhoff, W. *see* Seater, R. 104823
Brockhaus, A. *see* Bansky, J. 89034
Brockherde, W. *see* Budde, W. 93622
Brockherde, W. *see* Machul, O. 119624
Brockl-Fox, U. Hand-gesture recognition as a 3-D input technique 67142
Brocklehurst, F.K., Halliday, J., Watson, S., Bunn, J., Surguy, I., Anderson, M., Dunbabin, P., Palutikof, J., Dukes, M. Assessment of the accuracy of the DTI's database of UK windspeeds 102565
Brocklesby, W.S. *see* Hickey, L.M.B. 64592
Brockman, J.B. *see* Lokanathan, A.N. 82884
Brockmann, E. *see* Beutler, G. 68323
Brockmann, M. *see* Seifert, B. 103547
Brockmann, P. Carrier strategies for Internet success 118396
Brockmeyer, A. Experimental evaluation of the influence of DC-premagnetization on the properties of power electronic ferrites 61615
Brockmeyer, A. *see* Albach, M. 121692
Brockschmidt, A. *see* Fong Shi 70409
Brockstein, A.J. *see* Buchler, R.J. 68778
Brodd, R.J. Overview: rechargeable battery systems 71623
Brode, H. *see* Ude, A. 97929
Broder, A., Mitzenmacher, M. Pattern-based compression of text images 86736
Broder, A., Upfal, E. Dynamic deflection routing on arrays 98376
Broderick, N.G.R., De Sterke, C.M. Gap soliton propagation over hills and under dales 76143
Broderick, N.G.R. *see* de Sterke, C.M. 107566
Broderick, T.F. *see* Evans, D.J. 113514
Brodersen, A.J. *see* Mosterman, P.J. 112753
Brodersen, R. *see* Sheng, S. 78537
Brodersen, R. *see* Yuming Lu 88109
Brodersen, R.W. *see* Jain, R. 99341
Brodeur, A., Ilkov, F.A., Chin, S.L. Beam filamentation and the white light continuum divergence 96591
Brodie, D.E. *see* Mohajerzadeh, S. 92702
Brodie, D.E. *see* Tucker, C.D. 72894
Brodie, I. *see* Spindt, C.A. 74005
Brodie, I. *see* Spindt, C.A. 83743
Brodie, S.E., Breton, M.E. Modified ERG-jet contact lens electrodes for use in infants and toddlers 90512
Brodin, L.-A. *see* Dale, S. 101095
Brodkorb, W. *see* Machalett, F. 95457
Brodkorb, W. *see* Veith, M. 115884
Brodley, C.E., Friedl, M.A. Improving automated land cover mapping by identifying and eliminating mislabeled observations from training data 120738
Brodley, C.E., Friedl, M.A., Strahler, A.H. New approaches to classification in remote sensing using homogeneous and hybrid decision trees to map land cover 111132
Brodowski, J. *see* Ratti, A. 100615
Brodowski, J. *see* Rose, J. 100506
Brodowski, J. *see* Rose, J. 100673
Brodowski, W. *see* Calen, H. 120194
Brodskii, B.E. A method for splitting mixtures of probability distributions 113107
Brodsky, T., Fermuller, C., Aloimonos, Y. Directions of motion fields are hardly ever ambiguous 67283
Brodskyn, H.O., Giarolla, M.H., Abe, N.M., Passaro, A., Nabeta, S., Cardoso, J.R. A coupled 3D FEM–network equations method to solve the fault current distribution on a ground system 102262
Brodt, G. *see* Weingart, F. 106489
Brody, R.S. *see* Boiarski, A.A. 100154
Brodyn, M.S. *see* Maloletov, S.M. 96818
Brodzeli, Z. *see* Eggleton, B.J. 85032
Brodzeli, Z. *see* Eggleton, B.J. 99555
Brodzeli, Z. *see* Stephens, T. 99550
Brodzik, M. *see* Dabrowski, R. 100391
Brodzinski, R.L. *see* Bliss, M. 79995
Broe, A.M.De *see* De Broe, A.M.
Broeck, T.Van den *see* Van den Broeck, T.
Broecke, J.A.van den *see* van den Broecke, J.A.
Broeg, B. *see* Bose, B. 66344
Broek, C.van den *see* van den Broek, C.
Broekaert, T. *see* Randall, J. 115330
Broekaert, T.P.E., Randall, J.N., Beam, E.A., III, Jovanovic, D., Seabaugh, A.C., Smith, B.D. Functional InP/InGaAs lateral double barrier heterostructure resonant tunneling diodes by using etch and regrowth 105875
Broekaert, T.P.E., Randall, J.N., Beam, E.A., III, Jovanovic, D., Smith, B.D. Resonant tunneling in InP/InGaAs lateral double barrier heterostructures 63822
Broems, P. *see* Rasmusson, J.R. 85312
Broers, A.N., Hoole, A.C.F., Ryan, J.M. Electron beam lithography–resolution limits 115107
Broersen, P.M.T. How to select polynomial models with an accurate derivative 110054
Broersen, P.M.T. *see* Erkelens, J.S. 97584
Broesch, J.D., Strait, E.J., Snider, R.T., Walker, M.L. A digital long pulse integrator 93631
Broesch, J.D. *see* Harris, J.J. 104307
Broessel, R.J., Dominic, V., Hardie, R.C. Image restoration of dispersion-degraded images from a liquid-crystal beam steerer 86965
Brofferio, C. *see* Alessandrello, A. 80100
Brofman, P.J., Puttlitz, K.J., Master, R.N. Hard ball grid arrays for pluggable BGA connector 82211
Brogan, T.D. *see* Sang-Gug Lee 83420
Brogden, J. The LAMBDA project: using advanced telematics to deliver services and information to rural areas 118636
Brogden, J., Williams, C. Using advanced communications and multimedia applications to provide real life benefits to remote rural areas: Barbara 67918
Broggi, F., Rossi, L. Test of an apparatus for thermal conductivity measurements of superconducting coil blocks and materials at cryogenic temperatures 119930
Broggi, F. *see* Ambrosio, G. 75373
Brogle, R., Muggli, P., Davis, P., Hairapetian, G., Joshi, C. Studies of linear and nonlinear photoelectric emission for advanced accelerator applications 90108
Brogle, R. *see* Lai, C.H. 89646
Brogle, R. *see* Mori, W.B. 62598
Brogle, R. *see* Muggli, P. 79983
Brogueira, P., Conde, J.P., Arekat, S., Chu, V. Amorphous and microcrystalline silicon films deposited by hot-wire chemical vapor deposition at filament temperatures between 1500 and 1900°C 72882
Brohm, T. *see* Schmidt, K.H. 69627
Broida, M. *see* Moran, A. 73461
Broida, M. *see* Moran, A. 104597
Broido, D.A. *see* Darnhofer, T. 74425
Broiek, T. *see* Prabhakar, V. 115195
Brokate, T. *see* Gast, T. 110397
Brokaw, A.P. A temperature sensor with single resistor set-point programming 79363
Brokemper, M. *see* Ostlund, S. 112463
Brokmeier, A., Solbach, K., Pirkl, M., Tospann, F.-J. Imaging FM-CW-radar with high scanning rate in Ka-band and its applications 79005
Brom, J.M. *see* Fang, R. 120167
Brombacher, A.C. *see* Wolbert, P.M.M. 119419
Bromberg, A., Zilberstein, J., Riesemberg, S., Benori, E., Silberstein, E., Zimnavoda, J., Frishman, G., Kritzman, A. Optical-fibre sensors for blood gases and pH, based on porous glass tips 110233
Bromberg, L., Sidorov, M., Bock, J., Pourrahimi, S. High Tc monolithic helical magnets 95551
Bromborsky, A. The multiplet cavity: A buncher for broad-bandwidth klystron amplifiers 105017
Bromborsky, A. *see* Levush, B. 62636
Bromborsky, A. *see* Levush, B. 105079
Brome, L. Managing a joint venture network 108979
Bromley, K.S. *see* Houlgreave, J.A. 65720
Brommer, G. *see* Elschner, S. 95396
Broms, M., Lundborg, B. Regional maps and models of the ionosphere over Europe: COST-actions 238, PRIME and 251, IITS 97101
Broms, M. *see* Lundborg, B. 99057
Broms, M. *see* Pantjiaros, C.A. 97102
Brongersma, M.L. *see* Min, K.S. 62836
Bronner, G. *see* Awad, M. 103052
Bronner, G. *see* Lu, E. 102669
Bronner, G. *see* Neumeyer, C. 106711
Bronner, G. *see* Neumeyer, C. 112079
Bronner, G.B. *see* Gambino, J.P. 63457
Bronner, N., Benz, W., Fink, T., Grun, N., Haupt, M., Hurm, V., Kohler, K., Ludwig, M. Technology for monolithic integration of GaInAs MSM photodetectors and AlGaAs/GaAs/AlGaAs-HEMT electronics 64991
Bronner, W. *see* Bangert, A. 69189
Bronner, W. *see* Bangert, A. 83495
Bronner, W. *see* Hurm, V. 109629
Bronner, W. *see* Lao, Z. 104353
Bronner, W. *see* Lauxtermann, S. 120220
Bronner, W. *see* Schlechtweg, M. 114321
Bronnikov, A.V. X-ray cone-beam tomography with nonplanar orbits 80304
Bronnimann, R. *see* Nellen, P.M. 119706
Bronold, F.X., Bishop, A.R. Nonlinear optics of conjugated polymers: a coupled exciton-phonon-gas approach 76132
Bronowicki, A.J., McIntyre, L.J., Betros, R.S., Dvorsky, G.R. Mechanical validation of smart structures 61456
Brons, G.C.S. *see* van Duuren, M.J. 115947
Bronsdon, J.A.N. *see* Dube, S.K. 81005
Bronski, J.C., Kutz, J.N. Modulational stability of plane waves in nonreturn-to-zero communications systems with dispersion management 99490
Broo Bjorn *see* Bjorn Broo
Brooeck, W.Vanden *see* Vanden Brooeck, W.
Brooijmans, G. *see* Annis, P. 80121

Brook, M. *see* Krehbiel, P. 90777
Brook, M. *see* Rakov, V.A. 65882
Brook, N.J. *see* Millerd, J.E. 116740
Brook, T., Driessen, P.F., Kirlin, R.L. Propagation measurements using synthetic aperture radar techniques 116909
Brooke, G. Market demand triggers switchgear development 91682
Brooke, M. *see* Cross, J. 109659
Brooke, M. *see* Jokerst, N.M. 75770
Brookeman, J.R. *see* Mulger, J.P., III 120344
Brookfield, D.J. *see* Li, L. 65581
Brookover, W. *see* Fink, R.L. 89322
Brookover, W. *see* Kumar, N. 89367
Brooks, A. *see* Smith, B.A. 102172
Brooks, A.L. *see* Kizilyalli, I.C. 106227
Brooks, C.A., Varaiya, P. Using perturbation analysis to solve the capacity and flow assignment problem for general and ATM networks 67600
Brooks, C.B. *see* Beringer, J. 75766
Brooks, D. *see* Elders, I.M. 111478
Brooks, D. *see* Scarlat, D. 75542
Brooks, D. *see* Silver, B. 87623
Brooks, D. *see* Sottini, S. 75401
Brooks, D.E. *see* Srinidhi, S.M. 88435
Brooks, D.G. The effects of vias on PCB traces 94031
Brooks, D.L., Dugan, R.C., Grebe, T.E., Sundaram, A. Disturbances recorded by power quality monitors during the “West Coast Outage” 121260
Brooks, G. Processors for wavelet analysis and synthesis: NIFS and the TI-C80 MVP 83163
Brooks, G. Image wavelet analysis with the Multimedia Video Processor 98899
Brooks, M. *see* Arodzero, A. 80036
Brooks, M. *see* Szymanski, J.J. 110589
Brooks, R.R., Iyengar, S.S. Optimal matching algorithm for multi-dimensional sensor readings 66979
Brooks, R.R., Iyengar, S.S., Jianhua Chen Self-calibration of a noisy multiple sensor system with genetic algorithms 77345
Brooks, R.R. *see* Maheshkumar, J.R. 66804
Brooks, T. *see* Mangelsdorf, C. 79182
Brooks, W. *see* Fogler, R.J. 80342
Brookshire, D. *see* Vogt, L. 78367
Brookson, C. Mobile secure telephones 88131
Broome, W., Biscardi, R., Keane, J., Mortazavi, P., Thomas, M., Wang, J.M. RF system for the NSLS coherent infrared radiation source 100493
Broomfield, S.E., Neil, M.A.A., Paige, E.G.S. Eight-level programmable binary optics system using cascaded ferroelectric liquid crystal spatial light modulators 64818
Brophy, T.J. *see* Gopalakrishnan, G.K. 88849
Brorson, S. *see* Hofmann, M. 107322
Brorson, S.D., Bischoff, S., Mork, J., Moller-Larsen, A., Nielsen, J.M. Femtosecond carrier dynamics and modelocking in monolithic CPM lasers 107316
Brorson, S.D. *see* Bischoff, S. 96353
Brorson, S.D. *see* Hofmann, M. 75913
Broschat, S.L. *see* Steeds, M.W. 65776
Broser, I. *see* Heitz, R. 74211
Broser, I. *see* Hoffmann, A. 62803
Broser, I. *see* Hoffmann, A. 74210
Brosey, B.H., Holmes, R.D. Site characterization efforts at the Saxton Nuclear Experimental Corporation 81240
Bross, A. *see* Adams, M. 110591
Bross, A. *see* Baumbaugh, B. 80030
Bross, A. *see* Chung, M. 80031
Brosseau, C. *see* Sareni, B. 92962
Brosseau, G. *see* Duquette, R. 102513
Brossier, C. *see* Cazenave, A. 88704
Brossier, J.-M. *see* Essebbar, A. 98356
Brossier, J.-M. *see* Geller, B. 68535
Brossmann, J. *see* Link, J. 90396
Brosson, P. *see* Lestra, A. 85532
Brost, G. Photorefractive signal processing 116147
Brotherton, S.D., Young, N.D., Edwards, M.J., Gill, A., Trainor, M.J., Ayres, J.R., Clarence, I.R., Bunn, R.M., Gowers, J.P. Low temperature furnace processed poly-Si TFT AMLCDs 84605
Brotherton, S.D. *see* Armstrong, G.A. 95007
Brotherton, T.W., Simpson, P.K., Fogel, D.B., Pollard, T. Classifier design using evolutionary programming 67113
Brouard, T. *see* Slimane, M. 60895
Brouaye, F. *see* Chaari, O. 102235
Brouaye, F. *see* Chaari, O. 111594
Brouers, F. *see* Diggins, J. 106684
Brouet, M. *see* van Rooij, M. 100430
Brough, A. *see* Bain, D. 102304
Broughton, H., Owens, J., Sims, J.J. Determination of shed ice particle size using high speed digital imaging 117727
Broughton, J.N. *see* Backhouse, C.J. 92825
Brouillette, R. *see* Lagerquist, M.D. 115080
Broulik, U. *see* Reisse, G. 107461
Broum, M., Obuskevic, V., Seidl, L., Zapotocny, J. Ionospheric delay prediction for wide area differential GPS (WADGPS) users 88775
Broumand, C. Why LCDs fail 69413
Brounkov, P.N., Benyattou, T., Guillot, G. Simulation of the capacitance-voltage characteristics of a single-quantum-well structure based on the self-consistent solution of the Schrodinger and Poisson equations 94503
Brouns, A.J. *see* Schimert, T.R. 69148
Broussard, R.P., Rogers, S.K. Physiologically motivated image fusion using pulse coupled neural networks 98035
Broussard, R.P. *see* Wilson, T.A. 90873
Brousseau, C., Guiot, B., Launay, G., Bourdillon, A. A V.H.F. multifrequency and multipolarization radar: preliminary results 109782
Broussely, M. *see* Bagotzky, V.S. 112185
Broussely, M. *see* Bodet, J.M. 112215
Brouste, T. *see* Nocture, G. 99745
Broutin, S.L. *see* Anigbo, F.C.J. 99507
Broutin, S.L. *see* Dautartas, M.F. 99506
Brouwer, W. *see* Woudsma, R. 93412
Brouwers, W.C.J. *see* Boks, C.B. 79152
Brouwers, W.van Golstein *see* van Golstein Brouwers, W.
Brouzes, H., Lajugie, M., Levy, D. Design methodology for a two octave, high power MMIC amplifier chain 62342
Brouzet, E. *see* Faugier, A. 79948
Brovey, A.J. E-mail and e-journals: enriching field experiences and methods classes 92058
Brovko, A.V., Khokhlov, A.V. Partial reconstruction of the polarization state of an rf source and determination of the parameters of the propagation medium 119349
Browman, A. *see* Chan, K.C.D. 89690
Browman, A. *see* Plum, M. 100566
Brown, A. *see* Jokerst, N.M. 75770
Brown, A. *see* Redpath, J. 69305
Brown, A.C., Jr., Kahn, W.K. Comparison of various image induction (II) methods with physical optics (PO) for the far-field computation of flat-sectioned segmented reflectors 97312
Brown, A.J.C. Applications of non-contacting surface measurement in micromechanics 79248
Brown, A.K. CEM for antennas in a concurrent engineering environment 66099
Brown, A.R. *see* Dimitrakopoulos, C.D. 92930
Brown, A.S. *see* Cacter-Coman, C. 82602
Brown, A.S. *see* Carter-Coman, C. 82677
Brown, A.S. *see* Carter-Coman, C. 103962
Brown, B., Hiller, G. Circuit models for plastic packaged microwave diodes 93808
Brown, B. *see* Chan, O.Y.C. 69940
Brown, B. *see* Foster, G.W. 89784
Brown, B.C., Baiod, R., DiMarco, J., Glass, H.D., Harding, D.J., Martin, P.S., Mishra, S., Mokhtarani, A., Orris, D.F., Russell, A.D., Tompkins, J.C., Walbridge, D.G.C. Results on Fermilab Main Injector Dipole measurements 90058
Brown, B.C. *see* Bhat, C.M. 89794
Brown, B.C. *see* Glass, H.D. 100644
Brown, B.C. *see* Harding, D.J. 89795
Brown, B.C. *see* Harding, D.J. 89796
Brown, B.H., Barber, D.C. Low-cost functional imaging–Electrical Impedance Tomography 110862
Brown, B.H. *see* Metherall, P. 101366
Brown, B.W., Spears, F.M., Levy, L.B., Lovato, J., Russell, K. Algorithm 762: LLDRLF, log-likelihood and some derivatives for log-F models 113102
Brown, C., Brazier, P., Coxon, B. Overhead to underground via tee connection 111646
Brown, C., Feher, K. A flexible modem structure for increased network capacity and multimedia transmission in GSM PCS 87998
Brown, C., Feher, K. Cross-correlated correlative FQPSK modulation doubles the capacity of PCS networks 109530
Brown, C., Nelson, R. Image understanding research at Rochester 67474
Brown, C.I., Yates, R.B. VLSI architecture for sparse matrix multiplication 61923
Brown, C.J., Abbas, P.J., Borland, J., Bertschy, M.R. Electrically evoked whole nerve action potentials in Ineraid cochlear implant users: responses to different stimulating electrode configurations and comparison to psychophysical responses 90600
Brown, C.S. *see* Chakravorty, S. 69543
Brown, D., Haas, F.M., Jr., Dimeo, M., Dehel, T.F. NSTB version 2 flight test results 68769
Brown, D., Olsher, R.H., Eisen, Y., Rodriguez, J.F. A real-time pulsed photon dosimeter 70285
Brown, D. *see* D’Iorio, M. 62911
Brown, D. *see* D’Iorio, M.D. 105432
Brown, D. *see* Mours, B. 100821
Brown, D. *see* Mours, B. 120196
Brown, D. *see* Plum, M. 100566
Brown, D. *see* Rotter, M.D. 85417
Brown, D.B. Classification of stationary movers with simplified MTI tracking 111422
Brown, D.B., Jones, J.J. Classification of stationary movers with MTI radar 109711
Brown, D.D. *see* Korhonen, M.A. 115001
Brown, D.D. *see* Pramanick, S. 115009
Brown, D.E., Pittard, C.L., Han Park Classification trees with optimal multivariate decision nodes 77478
Brown, D.H., Orlov, D.H., Varner, G.S., Worstell, W.A., Redin, S.I. Scintillating fiber hodoscope for a bremsstrahlung luminosity monitor at an electron-positron collider 110569
Brown, D.J.W., Coutts, D.W. Beam quality issues in copper vapour lasers 116386
Brown, D.J.W., Withford, M.J., Mildren, R.P., Piper, J.A. The effects of impurities on metal vapour laser performance 116378
Brown, D.J.W. *see* Withford, M.J. 96099
Brown, D.L., Mannell, G.T. Thermal analysis of the large close packed amplifiers in the National Ignition Facility (NIF) 85418
Brown, D.M. *see* Ramungul, N. 105887
Brown, D.P. On second-order sigma-delta modulators 61691
Brown, D.R., Phadke, A.G. A new digital relay for dispersed storage and generation (DSG) units (power systems) 70629
Brown, D.W. *see* Fargues, M.P. 60449
Brown, E.L. *see* Sherali, H.D. 92526
Brown, E.R., McIntosh, K.A., Nichols, K.B., Liu, H.C., Jenkins, G.E. Measurement of the electrical bandwidth of quantum-well infrared photodetectors in the frequency domain 69168
Brown, E.R., McMahon, O.B., Mahoney, L.J., Molvar, K.M. SPICE model of the resonant-tunnelling diode 63551
Brown, E.R. *see* Agi, K. 100276
Brown, E.R. *see* Agi, K. 104821
Brown, E.R. *see* Chen, C.L. 84013
Brown, E.R. *see* Chen, C.L. 94971
Brown, E.R. *see* Chen, C.L. 104851
Brown, E.R. *see* Li, J. 100015
Brown, E.R. *see* Verghese, S. 95944
Brown, E.R. *see* Woolard, D.L. 63565
Brown, F. *see* Schieck, D. 90838
Brown, F., III Analyzing time and frequency domain data in real time or postprocess 68994
Brown, F., III Analyzing time and frequency domain data in real time while acquiring data, or as an automated post-process 99867
Brown, F., III, Datwyler, W.F. Managing sensors with a PC-based data acquisition system 99866
Brown, G. *see* McStay, K. 63910
Brown, G. *see* Rotondaro, A.L.P. 114589
Brown, G.A. *see* Myers, E.G. 69704
Brown, G.J., Reilly, D. Ultrasonic tomographic imaging of solid objects in air using an array of fan-shaped-beam electrostatic transducers 101615
Brown, G.J., Szmulowicz, F. The physics of normal incidence absorption in p-type GaAs-AlGaAs quantum well infrared detectors 69170
Brown, G.J. *see* Hoff, J. 100003
Brown, G.J. *see* McAngus Todd, N.P. 108224
Brown, G.S. *see* Kapp, D.A. 65760
Brown, H.J. *see* McMichael, R.D. 115632
Brown, H.J. *see* Nikitenko, V.I. 115633
Brown, H.K., Martin-Vega, L.A., Shaw, W.H., Madry, J.G., Taylor, C.L. Utilization of sensory feedback during SMT assembly 62489
Brown, H.K. *see* Cofer, R.H. 67464
Brown, H.K. *see* Martin-Vega, L.A. 60515
Brown, H.K. *see* Phillips, W.E., II 69987
Brown, H.K. *see* Smith, J.T. 62062
Brown, I.G. *see* Nikolaev, A.G. 114500
Brown, J. *see* Daughton, J. 89019
Brown, J. *see* Daughton, J. 99969
Brown, J. *see* Friessnegg, T. 105534
Brown, J. *see* Klaassen, E.H. 84625
Brown, J. *see* Long Tran 83463
Brown, J. *see* Petrucci, M. 92234
Brown, J. *see* Tran, L. 83442
Brown, J. *see* Tran, L. 83453
Brown, J. *see* Tran, L. 83481
Brown, J.A. *see* Muhlbauer, T.C. 80577
Brown, J.B. *see* Galanti, S.A. 96699
Brown, J.C. *see* Talisa, S.H. 84929
Brown, J.D. *see* Jacobsen, E.R. 69762
Brown, J.E.C., Hurst, P.J., Der, L. A 35 Mb/s mixed-signal decision-feedback equalizer for disk drives in 2-μm CMOS 104716
Brown, J.E.C. *see* Kajley, R.S. 104721
Brown, J.I., Nowakowski, R.J., Rall, D. The ultimate categorical independence ratio of a graph 92489
Brown, J.J. *see* Pusl, J.A. 83501
Brown, J.K., Kalki, K., Heanue, J., Hasegawa, B.H. Quantitative SPECT reconstruction using multiray projection integrators 101175
Brown, J.K. *see* Blankespoor, S.C. 101145
Brown, J.K. *see* Blankespoor, S.C. 101286
Brown, J.K. *see* Heanue, J.A. 90353
Brown, J.K. *see* Heanue, J.A. 101246
Brown, J.K. *see* Kalki, K. 90359
Brown, J.K. *see* Kalki, K. 101098
Brown, J.K. *see* Tang, H.R. 90362
Brown, J.K. *see* Tang, H.R. 101161
Brown, J.K. *see* Wu, X. 101154
Brown, J.K. *see* Xiang Wu 80209
Brown, J.R. *see* Jones, A.C. 72906
Brown, J.R. *see* Rushworth, S.A. 61412
Brown, K., Singh, S. A network architecture for mobile computing 88277
Brown, K. *see* Elliott, S. 118322
Brown, K. *see* Folkes, P.A. 115242
Brown, K. *see* Zimmermann, F. 89664
Brown, K.A., Thern, R., Huang, H. Beam size versus intensity for resonant extracted beam at the Brookhaven AGS 90007
Brown, K.A., Ustin, S.A., Lauhon, L., Ho, W. Supersonic jet epitaxy of aluminum nitride on silicon (100) 72768
Brown, K.A. *see* Huang, H. 119985
Brown, K.M., Lamb, K., Russell, D.L., Ruddock, I.S., Cunningham, A., Illingworth, R. Holographic recording in algal suspensions 65577
Brown, K.M. *see* Field, M. 83946
Brown, K.M. *see* Field, M. 105362

Brown, K.M. *see* Patel, N.K. 62900
Brown, K.M. *see* Rubel, H. 105360
Brown, K.M. *see* Turner, N. 63028
Brown, L.F., Mason, J.L. Disposable PVDF ultrasonic transducers for nondestructive testing applications 82803
Brown, L.F., Mason, J.L. Disposable PVDF ultrasonic transducers for nondestructive testing applications 111380
Brown, L.M.Gottesfeld *see* Gottesfeld Brown, L.M.
Brown, L.O. *see* Greuter, R.E. 103182
Brown, M. A microwave acousto-optic time integrating receiver with signal parameter measuring capability 68650
Brown, M., Horsburgh, A., Billington, D.J. Mains signalling further experience of the London Electricity pilot scheme 102316
Brown, M. *see* Mogensen, M. 81817
Brown, M. *see* Van Der Does, T. 91310
Brown, M.C. *see* Van Andrews, G. 93165
Brown, M.F. *see* Job, C. 73102
Brown, M.G. Supporting user mobility 118359
Brown, M.J. *see* Czuchlewski, S.J. 111194
Brown, M.L. *see* Williams, W.J. 77130
Brown, M.P., Duesing, R.W., Tehrani, J.A., Bhatnagar, K. INTELSAT-K communications performance features 99441
Brown, M.P. *see* Graneau, P.N. 102775
Brown, M.R., Garcia, C.A., Goodelle, G.S., Powe, J.S., Schwartz, J.A. Characterization testing of Measat GaAs/Ge solar cell assemblies 70414
Brown, M.S. *see* Millerd, J.E. 116740
Brown, N., Eom, T.B., Howick, E., Kruger, O., Lan, Y., Ling-Tan, S.L., Matsumoto, H., Pusaka, J., Singhal, R.P., Xu, Y. Asia/Pacific Metrology Programme gauge block comparison–1993/94 88900
Brown, N., Reiser, M. Current losses and equilibrium in RF linear accelerators 89734
Brown, N. *see* Tsang, L.F. 85298
Brown, O., Maslowski, A., Nabatian, D., Shahbazi, S. A new environmentally friendly thick film system for hi-rel mixed-metal hybrids 83642
Brown, P., van Diggelen, F. Experiences with RAIM, altitude-aided RAIM, and FDI: risks and benefits 88769
Brown, P. *see* Avent, R.K. 90900
Brown, P.D., Humphreys, C.J. Scanning transmission electron beam induced conductivity investigation of a Si/Si$_{1-x}$Ge$_x$/Si heterostructure 94481
Brown, P.R. Absolute frequency accuracy of precision quartz oscillators, it's derivation and practical use 95320
Brown, P.W. *see* Sample, D.R. 83633
Brown, R. Finally, here comes the digital video settop [digital TV] 68904
Brown, R. Boston College soars with high-speed modems 118675
Brown, R. Wave of new products set to break: From 1550 to WDM, choices abound 119446
Brown, R., Crossley, P., Gale, P. Windows based power system simulator for the testing of protection schemes 102239
Brown, R., Romrell, G., Johnson, G., Kaufmann, D., Xinhua Qin DGPS category IIIb automatic landing system flight test results 70405
Brown, R. *see* Derenchuk, V. 90093
Brown, R. *see* Derenchuk, V. 120079
Brown, R. *see* Guo-Qun Zhong 114078
Brown, R.A. *see* Katsaros, K.B. 111215
Brown, R.A. *see* Popovic, Z.B. 85973
Brown, R.B. *see* Hower, R.W. 115385
Brown, R.B. *see* Malinowska, E. 119644
Brown, R.D., Wicks, M.C., Zhang, Y., Zhang, Q., Wang, H. A space-time adaptive processing approach for improved performance and affordability 109726
Brown, R.D. *see* Melvin, W.L. 109714
Brown, R.E., Gupta, S., Christie, R.D., Venkata, S.S., Fletcher, R. Automated primary distribution system design: reliability and cost optimization 121126
Brown, R.H. *see* Arkadan, A.A. 103093
Brown, R.J. Update on dusts standards [electrical apparatus safety] 71219
Brown, S. Implementing BGAs 60635
Brown, S., Khellah, M., Lemieux, G. Segmented routing for speed-performance and routability in field-programmable gate arrays 113644
Brown, S., Manjikian, N., Vranesic, Z., Caranci, S., Grbic, A., Grindley, R., Gusat, M., Loveless, K., Zilic, Z., Srbljic, S. Experience in designing a large-scale multiprocessor using field-programmable devices and advanced CAD tools 82891
Brown, S., Rose, J. FPGA and CPLD architectures: a tutorial 61851
Brown, S. *see* Kaviani, A. 61783
Brown, S. *see* Lowell, J. 115063
Brown, S. *see* Scarpulla, J. 84221
Brown, S.A. *see* Hom, C.L. 104194
Brown, S.A. *see* Macks, L.D. 105356
Brown, S.H. *see* Lewis, P. 107067
Brown, S.J., Grimshaw, M.P., Ritchie, D.A., Jones, G.A.C. Variation of surface morphology with substrate temperature for molecular beam epitaxially grown GaSb(100) on GaAs(100) 103914
Brown, S.W. *see* Kennedy, T.A. 74215
Brown, T. Increasing photolithography production with advanced materials and processes 74639
Brown, T.G., Kreger, S.T. Application of avalanche photodiodes to confocal and confocal fluorescence microscopy 95997
Brown, T.G. *see* Bieber, A.E. 95748
Brown, T.K., Donaldson, J.A. Fault protection architecture for the command and data subsystem on the Cassini spacecraft 70363
Brown, T.S. A functional description of SDH transmission equipment 68008
Brown, T.S. *see* Hershey, P.C. 98595
Brown, V.W. *see* Bolme, G.O. 89706
Brown, W.C. Quiet operating regime of the microwave oven magnetron described as a negative feedback process 105031
Brown, W.D. *see* Bushara, K.O. 80249
Brown, W.D. *see* Haque, M.S. 74093
Brown, W.D. *see* Haque, M.S. 94153
Brown, W.D. *see* Haque, M.S. 103025
Brown, W.D. *see* Tong, Z.H. 94929
Brown, W.E. *see* Booth, D.E. 63199
Brown, W.L. From processing of cosmic ices to optical communications 119244
Brown, W.O.J., Fraser, G.J. Frequency domain interferometry on spaced antenna MF radar 120758
Browne, J. Amps raise gain and lower costs in 4-GHz designs 62349
Browne, J. Feedback cuts phase noise in miniature VCOs 82990
Browne, J. Signal generators produce complex modulation formats 110274
Browne, J., de Pierro, A.B. A row-action alternative to the EM algorithm for maximizing likelihood in emission tomography 120301
Browne, J. *see* Sullivan, J. 85958
Browne, J.A. *see* Matej, S. 80240
Browne, S., Hargreaves, J.K., Honary, B. Initial results from the Kilpisjarvi imaging riometer system 97097
Brownell, W.E. *see* Jerry, R.A. 101049
Brownie, C. *see* Lamb, R.H. 82301
Browning, G.L. A comparison of numerical methods for computing the smooth solution of a system with multiple time scales 92615
Browning, J. Field emission display development and testing 79609
Brownlie, G.D., Zhu, Z., Horsburgh, G., Steele, T., Thompson, P.J., Wallace, J.M., Prior, K.A., Cavenett, B.C. Photoluminescence excitation spectroscopic studies of nitrogen doped ZnSe 74214
Brownlie, G.D. *see* Meredith, W. 74171
Brownlie, G.D. *see* Wang, S.Y. 74373
Brownlie, G.D. *see* Zhu, Z. 74198
Brownsword, C. *see* Askari, F. 120848
Broyer, P., Cathignol, D., Theillere, Y., Mestas, J.L. High-efficiency shock-wave generator for extracorporeal lithotripsy 120509
Brozek, T., Chan, Y.D., Viswanathan, C.R. Temperature accelerated gate oxide degradation under plasma-induced charging 63748
Brozek, T., Chan, Y.D., Viswanathan, C.R. Plasma etching induced gate oxide leakage 95177
Brozek, T., Chan, Y.D., Viswanathan, C.R. Hole trap generation in the gate oxide due to plasma-induced charging 105960
Brozek, T., Chan, Y.D., Viswanathan, C.R. Threshold voltage degradation in plasma-damaged CMOS transistors – role of electron and hole traps related to charging damage 115351
Brozek, T., Peng, L., Viswanathan, C.R. Role of test stress levels in detection of process-induced latent charging damage in MOS transistors 105974
Brozek, T., Prabhakar, V., Werking, J., Chan, Y.D., Viswanathan, C.R. Oxide modification near gate edges due to plasma etching of poly-Si gate in submicron MOSFET 105989
Brozek, T., Viswanathan, C.R. Homogenous hot hole injection by tunnelling in gate oxides of CMOS devices 63674
Brozek, T., Viswanathan, C.R. Simple method for evaluating process-induced charging damage to the gate oxide of metal-oxide-semiconductor devices 106027
Brozek, T. *see* Prabhakar, V. 74733
Brozek, T. *see* Ridley, R.S. 63367
Brslica, V., Hrabovcova, V. Disc synchronous motor temperature monitoring by R-C net thermal model 121461
Bru, C. *see* Drouot, V. 105608
Bru-Chevallier, C. *see* Baltagi, Y. 105146
Brubaker, C.E. *see* Brienza, D.M. 80498
Brubaker, W.W. *see* DeFotis, G.C. 64242
Brubeck, D.W., Rowe, L.A. Hierarchical storage management in a distributed VOD system 119424
Bruccoleri, M., Cusinato, P. Offset reduction technique for use with high speed CMOS comparators 73510
Bruce, A., Donoho, D., Gao, H.-Y. Wavelet analysis [for signal processing] 117361
Bruce, A. *see* de Barros, M.R.X. 65095
Bruce, A.J. *see* Shmulovich, J. 85437
Bruce, A.M. *see* Catford, W.N. 69884
Bruce, D.M. *see* Adams, D.M. 76006
Bruce, D.M. *see* Adams, D.M. 116533
Bruce, J.D. *see* Pease, R.A. 106126
Bruce, L.M. *see* Hamidi, S.M. 98123
Bruce, N.C., Barabanenkov, Yu.N., Dainty, J.C., Ozrin, V.D. Diffuse reflection of light from a dense random medium using fibres dipped into the medium 100057
Bruce, P.G. Rechargeable lithium batteries 102948
Bruce, P.G. *see* Armstrong, A.R. 102957
Bruce, R.H. *see* Martin, R.A. 110298
Bruce, R.W. *see* Fliflet, A.W. 104173
Bruce, R.W. *see* Fliflet, A.W. 104174
Bruce, V. The role of the face in communication: implications for videophone design 118274
Bruce, V. *see* O'Malley, C. 118527
Bruch, J.C., Jr. *see* Wang, K.P. 92643
Brucher, A., Meunier, Ph., Jarry, B., Guillon, P., Sussman-Fort, S.E. Negative resistance monolithic circuits for microwave planar active filter losses compensation 104882
Brucher, A. *see* Billonnet, L. 62306
Bruchlos, H. *see* Manzel, M. 93701
Bruchlos, I. *see* Veith, M. 115884
Bruck, E. *see* Sechovsky, V. 115641
Bruck, E. *see* Zhao, Z.G. 75136
Bruck, J. *see* Blaum, M. 66351
Bruck, M. *see* Freimuth, H. 92955
Bruck, S.M. *see* Yamamoto, M. 84613
Bruckbauer, T., Wienhard, K., Hansen, S.B., Eriksson, L., Blomquist, G., Dahlbom, M., Casey, M. Evaluation of the ECAT EXCAT HR with ACSII for clinical routine 3D measurements 90431
Bruckboeck, P., Stocker, H., Ash, J. SDH–step by STEP 109303
Brucker, C.F. *see* Hatwar, T.K. 75176
Brucker, G.J. *see* Kronenberg, S. 120239
Brucker, G.J. *see* Stassinopoulos, E.G. 70327
Brucker, J. *see* Vogt, F. 106211
Bruckmann, M. *see* Brunner, H. 121717
Bruckmann, M. *see* Sigg, J. 121718
Bruckmeier, R., Schneider, K., Hansen, H., Schiller, S., Mlynek, J. Stable bright squeezed light by optical parametric deamplification in a semi-monolithic resonator 116671
Bruckmeier, R. *see* Schneider, K. 107613
Bruckner, B. *see* Schmidt, H. 81835
Bruckner, I.I. *see* Antipa, C. 80470
Bruckner, J. *see* Koenen, M. 100875
Bruckner, P., Linss, G., Kuhn, O. Alternative to the matrix camera. Process integrated quality assurance with the aid of a no-contact 2D precision measuring technique 82282
Bruckner, W. *see* Harz, M. 63129
Bruckner, W. *see* Harz, M. 64000
Bruckner, W. *see* Rathmann, F. 119987
Brucknor, V., Glasbeek, M., Vickers, A., Zhang, H. Non-uniform illuminated semiconductor switches–a way to ultrafast optoelectronics 116240
Bruckstein, A.M., Holt, R.J., Netravali, A.N. How to track a flying saucer 86351
Bruckstein, A.M. *see* Kimmel, R. 67076
Bruckstein, A.M. *see* Kimmel, R. 77472
Bruckstein, A.M. *see* Kimmel, R. 77474
Bruckstein, A.M. *see* Shimshoni, I. 98056
Brucoli, M., Carnimeo, L., Grassi, G. A global approach to the design of discrete-time cellular neural networks for associative memories 83288
Brucoli, M., Carnimeo, L., Grassi, G. On the dynamics of hyperchaotic circuits: a new synchronization approach 114158
Brucq, D.De *see* De Brucq, D.
Brudanin, V.B., Briancon, C., Vylov, C., Rukhadze, N.I., Salamatin, A.V., Stekl, J., Egorov, V.G., Kovalenko, V.E., Kovalik, A., Revenko, A.V., Timkin, V.V., Sandukovsky, V.G., Tsupko-Sitnikov, V.V., Zaparov, Sh.E., Vorobel, V. Background conditions in the TGV spectrometer to search for double β-decay 110622
Brudanin, V.B. *see* Briancon, C. 69880
Bruder, M., Figgemeier, H., Palm, L., Ziegler, J., Maier, H. CdZnTe substrate and HgCdTe epilayer effects on the performance of photovoltaic diodes 79419
Bruderlin, B. *see* Henderson, T.C. 79023
Brudny, J.F., Roger, D. Induction machine speed sensor based on stator current measurement 121492
Brueck, H.J., Birkenmayer, S., Falk, G., Helbing, J., Walden, L. Light-optical CD and overlay measurements 74648
Brueck, S.R.J. Nonlinearities, SHG, and poling in silica fibers 75495
Brueck, S.R.J. *see* Chu, A.-S. 107977
Brueck, S.R.J. *see* Dixson, R. 115280
Brueck, S.R.J. *see* Ledentsov, N.N. 96412
Brueckner, V., Zehe, A. Picosecond laser measurements of semiconductor and device properties 110352
Brueckner, W., Kallakowsky, T., Lauber, H.M., Michaels, R., Paul, S., Povh, B., Roehrich, K., Trombini, A. The transition radiation detector in the hyperon beam experiment WA89 at CERN 120169
Bruegge, C., Woodhouse, R., Diner, D. In-flight radiometric calibration plans for the Earth Observing System-Multi-angle Imaging SpectroRadiometer 120723
Bruel, M. *see* Aspar, B. 115329
Bruel, M. *see* Di Cioccio, L. 74508
Bruel, P. *see* Jonard, F. 101981
Bruels, N. *see* Baldanza, C. 69857
Bruels, N. *see* Baldanza, C. 100919
Bruemmer, H.P. *see* Neumeier, K. 105685
Bruening, M. *see* Moons, E. 74479
Brueninghaus, K. *see* Mueller, T. 78544

Bruere-Dawson, R. *see* Girard, T.A. 80093
Brug, J.A., Tran, L., Bhattacharyya, M., Nickel, J.H., Anthony, T.C., Jander, A. Impact of new magnetoresistive materials on magnetic recording heads 64422
Brug, J.A. *see* Bayle-Guillemaud, P. 115630
Brug, J.A. *see* Jander, A. 115709
Brugge, M.H.Ter *see* Ter Brugge, M.H.
Bruggemann, R., Bauer, G.H. Identification and explanation of peculiar features in hole SCLC-TOF in a-Si:H pin-diodes from numerical modelling 94889
Bruggemann, R. *see* Carius, R. 94896
Brugger, G. Municipal power plants with common production of heat and power 91368
Brugger, J. *see* Blanc, N. 69079
Bruggermann, R. *see* Gao, W. 95093
Brugman, H.T. *see* van der Pol, J.A. 94838
Brugmans, M.J.P. *see* Woutersen, S. 116735
Brugnano, L., Trigiante, D. Convergence and stability of boundary value methods for ordinary differential equations 61042
Brugnano, L. *see* Amodio, P. 72625
Brugnera, R. *see* De Giorgi, M. 120221
Brugnetti, R. *see* Massmann, P. 110526
Bruguera, J.D., Guil, N., Lang, T., Villalba, J., Zapata, E.L. CORDIC based parallel/pipelined architecture for the Hough transform 104594
Bruguera, J.D., Lang, T. Implementation of the FFT butterfly with redundant arithmetic 113894
Bruguera, J.D. *see* Antelo, E. 93471
Bruguera, J.D. *see* Boo, M. 108166
Bruguier, C., Rognon, J.P., Pelissou, C. Implementation of a current-model estimator for sensorless control of synchronous motor 121447
Bruguier, G., Palau, J.-M. Single particle-induced latchup 63927
Bruguier, G. *see* Dachs, C. 106047
Bruguier, G. *see* de La Rochette, H. 106228
Bruguier, G. *see* Marec, R. 73386
Bruguier, G. *see* Marec, R. 104564
Bruguier, G. *see* Sudre, C. 84542
Bruhwiler, D., Batygin, Y.K. Beam transport for uniform irradiation: nonlinear space charge and the effect of boundary conditions 90020
Bruhwiler, D. *see* Paulson, C.C. 89598
Bruhwiler, D.L. *see* Reusch, M.F. 90021
Bruijn, H.de *see* de Bruijn, H.
Bruijn, M.P. *see* de Nivelle, M.J.M.E. 101555
Bruinderink, R.G. *see* Van den Nouweland, A. 77771
Bruines, J. *see* d'Ouville, T.T. 115359
Bruley, J. *see* Myers, A.F. 83701
Brullot, B. *see* Foulon, F. 80062
Brullot, B. *see* Foulon, F. 101018
Bruls, E.M.J.G. *see* Rodriguez-Montanes, R. 63941
Brum, J.A. *see* Abbade, M.L.F. 94528
Brum, J.A. *see* Marquezini, M.V. 105428
Brumer, S. Wireless WANs and products 109142
Brumley, S. Extending the low-frequency limits of the compact-range reflector 85995
Brumshagen, H., Schwarz, J. The European power systems on the threshold of a new East-West cooperation 80921
Brumsickle, W.E. *see* Ryan, M.J. 112119
Brun, A., Marty, M., Roede, H., Gounelle, C., Giroux, F. Thermal-wave imaging: a non-destructive technique to characterize the electromigration on Al alloy 114993
Brun, A. *see* Bichebois, P. 112985
Brun, A. *see* Dubois, A. 84940
Brun, A. *see* Falcoz, F. 96207
Brun, A. *see* Faloss, M. 96121
Brun, C., Long, A., Saurin, P., Thiry, M.C., Lacoudre, N. Radiolysis studies at Belleville (PWR 1300) water chemistry with low hydrogen concentration 71076
Brun, E. *see* Desurvire, E. 78694
Brun, J.M., Foufou, S., Bouras, A., Arthaud, Ph. About iterative processes convergency 60922
Brun-Le Cunff, D., Daudin, B., Rouviere, J.L. Ohmic contacts on n-type CdTe and CdZnTe using coherently grown neodymium 83989
Brun-Le Cunff, D. *see* Rossner, U. 92750
Brun-Le Cunff, D.B.., Daudin, B. Low Schottky barrier height contacts to n-CdTe using rare-earth metals 74460
Brun-Le-Dunff, D. *see* Daudin, B. 82621
Brun-Maunand, E., Bigo, S., Audouin, O. Regenerated transoceanic soliton systems: a study of intensity versus phase synchronous modulation 65457
Brun-Maunand, E., Brindel, P., Leclerc, O., Pitel, F., Desurvire, E. Parametric study of chromatic dispersion influence in 20 Gbit/s, 20 Mm regenerated soliton systems with up to 140 km amplifier spacing 68500
Bruna, G.La *see* La Bruna, G.
Bruncko, D. *see* Ban, J. 69810
Bruncko, D. *see* Braunschweig, W. 120173
Brundage, M. *see* Van Buren, D. 77927
Brundell, J. *see* Dowden, R. 90813
Brundell, J.B. *see* Dowden, R.L. 107881
Brundermann, E., Linhart, A.M., Reichertz, L., Roser, H.P., Dubon, O.D., Hansen, W.L., Sirmain, G., Haller, E.E. Double acceptor doped Ge: A new medium for inter-valence-band lasers 75934
Brundermann, E. *see* Roser, H.P. 105863
Brune, C. *see* Ban, J. 69810
Brune, H. *see* Gasser, B. 69106
Brune, M. *see* Haroche, S. 85229
Bruneau, J.-L. *see* Paye, J. 85561
Bruneau, J.L. *see* Thiell, G. 85421
Bruneel, C. *see* Assaad, J. 101592
Bruneel, C. *see* Assaad, J. 101593
Bruneel, C. *see* Assaad, J. 120923
Bruneel, C. *see* Bazzi, O. 87203
Bruneel, H., Steyaert, B. Storage requirements in ATM switching elements with correlated arrivals and independent uniform routing 77588
Bruneel, H. *see* Laevens, K. 118046
Bruneel, H. *see* Steyaert, B. 108825
Bruneel, H. *see* Steyaert, B. 118062
Bruneel, H. *see* Vinck, B. 98430
Bruneel, H. *see* Wittevrongel, S. 87401
Bruneel, H. *see* Wittevrongel, S. 118055
Bruneel, H. *see* Yijun Xiong 77589
Brunel, M. *see* Dahman, H. 113428
Brunel, M. *see* Debbagh, F. 74440
Brunel, M. *see* Luby, S. 74107
Brunel, M. *see* Luby, S. 94826
Brunelle, P. *see* Level, M.-P. 76071
Brunelle, P. *see* Nadji, A. 120032
Brunemeier, P. *see* Oicles, J. 93184
Bruner, D.M. Z-axis adhesive film interconnect using 150 micron and 75 micron pitch flex circuits 94834
Brunessaux, S. *see* Lefevre, V. 98068
Brunet, J.M. *see* Adam, W. 69709
Brunet, J.P. *see* Gardic, F. 74850
Brunet, J.P. *see* Gardic, F. 104501
Brunet, M. *see* Diouris, J.F. 68124
Brunet, Y. *see* Tixador, P. 95615
Brunet-Bruneau, A. *see* Nguyen Van, V. 119898
Brunet-Crespin, M. Multisensor tracking systems: Coordinate system choice influence 70598
Brunette, X. *see* Zgainski, F.-X. 65635
Brunetto, N. *see* Amato, G. 94253
Brunetto, N. *see* Amato, G. 94296
Brunfeld, A. *see* Toker, G. 92302
Brunher, H. *see* Lechner, W. 109834
Bruni, M.R., Gambacorti, N., Kaciulis, S., Mattogno, G., Simeone, M.G., Viticoli, S. Investigation of interface abruptness in strained InAs/In$_{0.53}$Ga$_{0.47}$As quantum wells 63050
Bruning, A.M., Kasture, D.G., Ascher, H.E. Absolute vs. comparative end-of-life age 115432
Bruning, O. Compensation of frequency lines in the power spectrum of the proton loss rate in HERA 120012
Bruning, O., Fischer, W., Schmidt, F., Willeke, F. Comparison of measured and computed dynamic aperture for the SPS and the HERA proton ring 120056
Bruning, O. *see* Sen, T. 100634
Bruning, O.S., Willeke, F. Reduction of proton losses in HERA by compensating tune ripple due to power supplies 69653
Bruning, O.S., Willeke, F. Reduction of particle losses in HERA by generating an additional harmonic tune modulation 79934
Bruning, O.S., Willeke, F. Reduction of proton losses in HERA by compensating the tune modulation in the proton beam 120057
Brunink, J.A.J. *see* di Natale, C. 100155
Bruniquel, J., Lopes, A., Planes, J.G., Cazaban, F., Deschaux-Beaume, M. On the use of the whitening filter and optimal intensity summation to produce multi-look SAR images 111088
Bruniquel, J. *see* Touzi, R. 120901
Brunk, H., Farvardin, N. Fixed-rate successively refinable scalar quantizers 86084
Brunkov, P.N., Konnikov, S.G., Ustinov, V.M., Zhukov, A.E., Egorov, A.Yu., Maksimov, M.V., Ledentsov, N.N., Kop'ev, P.S. Capacitance spectroscopy of electron energy levels in InAs quantum dots in a GaAs matrix 74361
Brunner, A.J., Nordstrom, R., Flueler, P. A study of acoustic emission-rate behavior in glass fiber-reinforced plastics 61481
Brunner, A.J., Nordstrom, R., Flueler, P. Two parameter description of the AE-rate behavior of glass-fiber reinforced epoxy and polyester under static tensile loading 113609
Brunner, A.J. *see* Nordstrom, R. 113608
Brunner, H., Bruckmann, M., Hierholzer, M., Laska, T., Porst, A. Improved 3.5 kV IGBT-diode chipset and 800 A module applications 121717
Brunner, H., Lin Qun, Yan Ningning The iterative correction method for Volterra integral equations 61084
Brunner, H., Ningning Yan On global superconvergence of iterated collocation solutions to linear second-kind Volterra integral equations 61079
Brunner, H., Yatsenko, Y. Spline collocation methods for nonlinear Volterra integral equations with unknown delay 72710
Brunner, H. *see* Sparks, R. 66574
Brunner, J. *see* Annis, P. 80121
Brunner, J. *see* Emge, S. 79446
Brunner, J. *see* Koster, T. 62812
Brunner, J. *see* Martellotti, G. 80122
Brunner, K., Eberl, K., Winter, W., Bugiel, E. Growth and characterization of Ge$_{1-y}$C$_y$/Si superlattice structures on Si substrates 113318
Brunner, K.W. Tong-test multimeters/ammeters 100174
Brunner, M., Schmid, R., Schmitt, R., Winkler, D. In-process flat-panel-display testing with electron beams 89436
Brunner, O., Herr, W., von Holtey, G., Keil, E., Lamont, M., Meddahi, M., Poole, J., Schmidt, R., Verdiaer, A., Zhang, C. Experiments with bunch trains in LEP 79953
Brunner, S., Rueck, D.M., Tinschert, K., Frank, W.F.X., Knoedler, B. Polymer based waveguiding structures obtained by ion beam irradiation at different energies 64758
Brunner, S. *see* Schosser, A. 68368
Brunner, T.A., Ferguson, R.A. Simple models for resist processing effects 84258
Brunner, W. *see* Sholley, M. 88699
Brunnhofer, V. *see* Spatenka, P. 83683
Brunning, J. *see* Harper, A. 71079
Bruno, A., Huet, F., Carre, M., Foucher, M., Billard, M., Devaux, F., Brandon, J., Menigaux, L., Carenco, A., Scavennec, A. P-i-n-i-p photodetector proposal and integration with waveguides 96044
Bruno, A. *see* Rigny, A. 119132
Bruno, A. *see* Tsuchiaki, M. 114973
Bruno, G., Losurdo, M., Capezzuto, P., Capozzi, V., Lorusso, F.G., Minafra, A. Epitaxial growth and processing of InP films in a "novel" remote plasma-MOCVD apparatus 61264
Bruno, G., Losurdo, M., Capezzuto, P., Capozzi, V., Trovato, T., Perna, G., Lorusso, G.F. Hydrogen plasma passivation of InP: real time ellipsometry monitoring and ex situ photoluminescence measurements 94730
Bruno, G. *see* Cicala, G. 72883
Bruno, G. *see* Losurdo, M. 63331
Bruno, L. Internet security: how much is enough? 67749
Bruno, L. TCP/IP software scales to the enterprise, and beyond 98452
Bruno, L. Tools that troubleshoot: database transactions 109023
Bruno, L. IP addressing tools: containing the chaos 118242
Bruno, M. *see* Mastinu, P.F. 68945
Bruno, O.P., Reitich, F. A new approach to the solution of problems of scattering by bounded obstacles 97061
Bruno, P. *see* Bortoletto, F. 100137
Brunotte, X. *see* El Ouazzani, Y. 65639
Brunotte, X. *see* Rasolonjanahary, J.L. 61506
Brunotte, X. *see* Zgainski, F.-X. 65638
Bruns, W. GdfidL: a finite difference program for arbitrarily small perturbations in rectangular geometries 62196
Bruns, W. Error sensitivity study for side coupled muffin tin structures using a finite difference program 89768
Bruns, W. Design of input couplers and endcells for side coupled muffin-tin structures 89769
Brunsvold, B. *see* Conley, W. 105758
Brunt, S., Darnell, M. Comparison of modulation derived and conventional phase-locked loop synchronisers 117917
Brunt, S., Grayson, M., Darnell, M. Symbol synchroniser slip detection 86192
Brunt, T.A. *see* O'Shea, S.J. 79722
Brunthaler, G., Penn, C., Suski, T., Wisniewski, P., Litwin-Staszewska, E., Kohler, K. Influence of spatial doping correlation on scattering times studied in gated and ungated GaAs/AlGaAs quantum wells under hydrostatic pressure 62966
Brunthaler, G. *see* Ferreira, S.O. 75762
Brunthaler, G. *see* Stoger, G. 62958
Brunthaler, G. *see* Wirthl, E. 74579
Brunthaler, G. *see* Wisniewski, P. 105290
Brunton, J., Digby, G., Doherty, A. Network management system architectures for a railway environment 71849
Brunvand, E. *see* Pagey, S. 61781
Brunzie, T. *see* Baroth, B.E. 79264
Brusa, A., Mortimer, C., Jones, S.J. Clinical evaluation of VEPs to interleaved checkerboard reversal stimulation of central, hemi- and peripheral fields 70143
Brusatin, G. *see* Bozio, R. 107541
Bruscaglioni, P. *see* Gai, M. 111225
Bruschi, P., Nannini, A. Electrical properties of a new polymer/photoresist composite 104179
Bruschini, C. *see* Baldanza, C. 100919
Bruscianelli, C. *see* Urbano, L. 98336
Brusegan, A. *see* Coceva, C. 120176
Brusenbach, P. *see* Swirhun, S. 119223
Brusentseva, M. *see* Vannikov, A. 106950
Brusetti, R. *see* Sahling, S. 100374
Brush, H. *see* Kim, H.S. 63719
Brusic, A.V. *see* Frankel, G.S. 60622
Brusic, V., Frankel, G.S., Roldan, J., Saraf, R. Corrosion and protection of a conductive silver paste 61446
Bruska, A. *see* Hietschold, M. 79340
Brusmark, B. *see* Strifors, C. 99623
Brusmark, B. *see* Strifors, H.C. 88670
Brussel, H.Van *see* Van Brussel, H.
Bruton, L.T. *see* Lazar, M.S. 77400
Bruton, L.T. *see* Xiaojian Liu 62034
Bruton, T.M. *see* Reehal, H.S. 81894
Brutscher, J. A 100 kV 10 A high-voltage pulse generator for plasma immersion ion implantation 102822
Brutscher, J. *see* Maendl, S. 94706
Bruun, E. Noise properties of CMOS current conveyors 106232

Bruus, H., Lewenkopf, C.H., Mucciolo, E.R. Parametric conductance correlation for irregularly shaped quantum dots 63067
Bruyere, F. Impact of first- and second-order PMD in optical digital transmission systems 109639
Bruyere, V., Latteux, M. Variable-length maximal codes 117226
Bruyndoncx, V. *see* Strunk, C. 95478
Bruynseraede, C. *see* de Boeck, J. 61283
Bruynseraede, C. *see* De Boeck, J. 64201
Bruynseraede, Y. *see* Strunk, C. 95478
Bruzzese, R. *see* Altucci, C. 96721
Bruzzi, M. *see* Biggeri, U. 90126
Bruzzi, M. *see* Biggeri, U. 100898
Bruzzo, S., Camastra, F., Colla, A.M., Barabino, M., Bonavita, N. Neural-based forecasting of physical measures in a power plant 121275
Bruzzone, L. *see* Serpico, S.B. 120918
Bruzzone, P., Chen-yu Gung, Meuris, C., ten Kate, H.H.J. Coupling currents losses bench mark test of ITER subsize conductor 95559
Bruzzone, P., Mitchell, N., Steeves, M., Spadoni, M., Takahashi, Y., Sytnikov, V.E. Conductor fabrication for the ITER model coils 102174
Bruzzone, P. *see* Nijhuis, A. 95558
Bryan, D.A., Ghosh, M., Hulyalkar, S.N. Channel coding, modulation, and transmission for North American digital television 99771
Bryan, R.N. *see* Vaillant, M. 110716
Bryan, W.L. *see* Britton, C.L., Jr. 110617
Bryan-Brown, G.P., Towler, M.J., Bancroft, M.S., McDonnell, D.G. Bistable nematic alignment using bigratings 85126
Bryan-Brown, G.P. *see* Pidduck, A.J. 95839
Bryanskii, L.N. *see* Chuiko, V.G. 79212
Bryanston-Cross, P.J. *see* Udrea, D.D. 100398
Bryanston-Cross, P.J. *see* Wang, Z. 117570
Bryant, B. *see* Costic, M. 72367
Bryant, D.A. *see* Mueller, K.A. 79787
Bryant, D.R. *see* Chen, J. 110283
Bryant, G. *see* Chauvet, M. 107606
Bryant, G. *see* Chauvet, M. 116652
Bryant, G. *see* Iseler, G. 92680
Bryant, G.W., Julienne, P.S., Band, Y.B. Excitons in complex quantum nanostructures 105426
Bryant, J.M. Bias current considerations for operational amplifiers 104357
Bryant, J.P. *see* Mamun, A.Z. 63085
Bryant, M.D. Resistance buildup in electrical connectors due to fretting corrosion of rough surfaces 62437
Bryant, P.J. Synchrotron-driven spallation sources 79991
Bryant, R.E. Bit-level analysis of an SRT divider circuit 83082
Bryant, R.E. *see* Pandey, M. 83158
Bryce, A.C. *see* Ooi, B.S. 95777
Bryce, A.C. *see* Ooi, B.S. 114852
Bryce, P. Rural electrification in the Pacific: engineers in sustainable development 101677
Bryden, K. *see* Hassanein, H. 97603
Bryder, K.L. *see* Drysdale, A. 91326
Bryerton, E.W. *see* Shiroma, W.A. 99096
Brylinski, C. *see* Arnodo, C. 105472
Brylinski, C. *see* Delage, S.L. 62341
Bryngdahl, O. *see* Jendral, A. 96745
Bryngdahl, O. *see* Scheermesser, T. 98155
Bryngdahl, O. *see* Zeggel, T. 108542
Bryniarski, E. Formal conception of rough sets 103624
Brynjarsson, B.A., Syversen, T., Thonstad, H. Reducing scan blindness effects in arrays of aperture coupled patch antennas fed by shielded microstrip lines 66138
Brys, C. *see* Aherne, T. 76080
Brys, C. *see* Morf, T. 84470
Brys, C. *see* Morf, T. 106242
Bryson, M. *see* Steeples, C. 78137
Brytkov, G.A. *see* Belyakov, A.V. 85733
Bryzgalo, S. *see* Lerer, A. 97020
Bryzgalo, S. *see* Lerer, A. 116844
Brzakovic, D., Vujovic, N. Designing a defect classification system: a case study 82799
Brzezinski, K.M., Lapkiewicz, Z. Integration of services by means of ISDN private branch exchange Matracom 6501 .II 99020
Brzobohaty, J. *see* Pospisil, J. 93101
Brzosko, J.R. *see* Filippov, N.V. 110637
Brzosko, J.S. *see* Filippov, N.V. 110637
Brzozowski, J.A., Jurgensen, H. An algebra of multiple faults in RAMs 83126
Brzozowy, D.J. *see* Jeffries, A.T., III 105797
Bsiesy, A. *see* Gelloz, B. 94645
Bsiesy, A. *see* Hory, M.A. 94271
Btir, E., Lorenz, J. 3-D simulation of low pressure chemical vapor deposition 61369
Bu, L., Chiueh, T.-D., Chang, H.-T., Hsu, F.-R. An auditory perception model: Pitch-invariant feature extraction 97634
Bu, S. 3D boundary element analysis of axisymmetric halfspace problems 61103
Bu Guixue *see* Liu Guangchang 98286
Bu Guixue *see* Zhang Yonglin 79690
Bu Sung Lee, Liang Tien Chia, Syin Chan, Chai Kiat Yeo, Ee Luang Ang, Kean Fei Loo A framework for handling MPEG data streams over a local area network 118509
Bu-Cheng Ma *see* Ma Bu-Cheng
Bu-Ihl Kim *see* Sun-Moo Kang 87865
Bu-Xin Xu, Mruzek, M., Eckels, P., Wan-Xian Wang, Yulan Tan, Dorri, B., Ogle, M. An open refrigerator cooled superconducting magnet for the special purpose of magnetic resonance imaging 95544
Bu-Xin Xu, Schnurer, S., Obasih, K., Mruzek, M., Ige, O., Lochner, R., Helbing, J., Mantone, D. A cryogen-free superconducting magnet with 95 cm warm bore for whole body MRI 95543
Bualoti, R., Pugliese, P., Torelli, F., Trovato, M. A generalized method for simultaneous fault analysis 120993
Buamud, M.S. *see* Tumay, M. 102238
Buamud, M.S. *see* Tumay, M. 102781
Buamud, M.S. *see* Tumay, M. 111660
Bub-Joo Kang, Hyung-Rae Park, Myung-Sub Lim, Chang-Eon Kang Performance evaluation of parallel acquisition in cellular DS/CDMA reverse link 68185
Bub-Joo Kang, Hyung-Rae Park, Myung-Sub Lim, Chang-Eon Kang, Jung-Young Son Access channel slot acquisition in cellular DS/CDMA reverse link 118959
Bubb, I.F. *see* Persson, L. 105730
Bubb, I.F. *see* Walker, S.R. 94232
Bubb, L.F. *see* Persson, L. 114987
Bube, R.H. *see* Redfield, D. 114840
Buben, M. *see* Sikula, J. 93949
Bublitz, C. RMS digital multimeter in comparison with the mean-value DMM 79603
Bubnov, M.M., Semjonov, S.L. Effect of abnormal fracture mechanisms on fiber lifetime evaluation 84975
Bubnov, M.M. *see* Semjonov, S.L. 84971
Buc, D. *see* Grmanova, A. 106264
Bucalossi, J. *see* Massmann, P. 110526
Bucaro, J.A. *see* Romano, A.J. 106793
Buccella, C., Orlandi, A. Time domain iterative methods for inhomogeneous and non-linear wave equations in lossy media 65755
Bucchignano, J. *see* Clevenger, L.A. 74635
Bucci, C. *see* Alessandrello, A. 80100
Bucci, G., Franciosi, F., Valocchi, P. The measurement of audio-codec sound quality 109281
Bucci, G., Landi, C. Metrological characterization of a contactless smart thrust and speed sensor for linear induction motor testing 71350
Bucci, G., Landi, C. Numerical method for transit time measurement in ultrasonic sensor applications 110449
Bucci, G., Landi, C. On-line digital measurement for the quality analysis of power systems under non-sinusoidal conditions 111697
Bucci, G. *see* Gentile, G. 91562
Bucci, O.M., Gennarelli, C., Riccio, G., Savarese, C. Non-redundant representation of the field radiated in the Fraunhofer region by a parabolic reflector 116998
Bucci, O.M., Gennarelli, C., Riccio, G., Speranza, V., Savarese, C. Nonredundant representation of the electromagnetic fields over a cylinder with application to the near-field far-field transformation 85950
Bucci, O.M., Gennarelli, C., Savarese, C. Non-redundant representations of electromagnetic fields 65767
Bucciarelli, T., Lombardo, P., Tamburrini, S. Optimum CFAR detection against correlated K-distributed clutter 88674
Buccioni, P., Cioni, R., Giorgi, L., Mastracci, F., Carducci, F., Marrocco, G., Sabbadini, M. Electromagnetic modeling for passive intermodulation control 97197
Buceti, G. *see* Bertocchi, A. 110038
Buch, K. Modern technology in the command post—BIGSTAF 80719
Buchal, C. *see* Fluck, D. 64771
Buchal, C. *see* Stimmer, J. 75743
Buchali, F. *see* Klenk, M. 96423
Buchanan, A.N. *see* Lenchyshyn, L.C. 79399
Buchanan, B. *see* Cross, J. 109659
Buchanan, B. *see* Jokerst, N.M. 75770
Buchanan, D.A. *see* Rana, F. 94618
Buchanan, G. *see* Orpen, O. 88760
Buchanan, M., Marsden, P.K., Mielke, C.H., Garlick, P.B. A system to obtain radiotracer uptake data simultaneously with NMR spectra in a high field magnet 90364
Buchanan, M. *see* Bardwell, J.A. 114968
Buchanan, M. *see* Finnie, P. 61229
Buchanan, M. *see* Liu, H.C. 69191
Buchanan, M. *see* Liu, H.C. 69272
Buchanan, M. *see* Marsden, P.K. 101332
Buchanan, M. *see* Schmuki, P. 69494
Buchanan, N., Fusco, V.F., Drew, S., Davies, R. Phase modulation of a Ka-band MMIC oscillator with injection-locking techniques 93897
Buchanan, P. Simply less dose: using kV techniques in paediatrics to reduce dose 120363
Buchanan, T.S. *see* Delp, S.L. 80430
Buchanan, W.J., Gupta, N.K. Simulation of electromagnetic pulse propagation in three-dimensional finite-difference time-domain (FDTD) method using parallel processing techniques 65871
Buchanan, W.J., Guyta, N.K. Machine independent algorithm for concurrent finite-element problems 65626
Buchanan, W.W., Rahrooh, A. A laboratory simulation software combination for electrical engineering technology DC/AC courses 112766
Buchanon, M.T. *see* Hutchinson, E.B. 80458
Buchanov, V.V., Kazaryan, M.A. Feasibility of continuous ultraviolet lasing from Cu II in a plasma flow 75787
Buchberger, P. *see* Fischler, W. 63109
Buchecker, R., Marck, G., Schadt, M. New nematics incorporating a 2,6-difluorophenyl acetylene group 85134
Buchenauer, C.J., Marek, R. Antennas and electric field sensors for time domain measurements: an experimental investigation 97327
Buchenauer, C.J. *see* Farr, E.G. 97323
Buchenrieder, K., Pyttel, A., Veith, C. Mapping statechart models onto an FPGA-based ASIP architecture 113677
Bucher, D. *see* Peitzmann, T. 100814
Bucher, E. *see* Friemelt, K. 83888
Bucher, E. *see* Lisunov, K.G. 74311
Bucher, E. *see* Schoen, J.H. 121905
Bucher, E. *see* Schon, J.H. 62784
Bucher, H.-U. *see* Wolf, M. 120267
Bucher, H.R. Low-noise instrumentation CCD cameras and high resolution mammogram system 100141
Bucher, J.P. *see* Hehn, M. 64271
Bucher, M. Maximum-power efficiency of a Carnot engine 103036
Bucher, M., Lallement, C., Enz, C.C. An efficient parameter extraction methodology for the EKV MOST model 115198
Buchgeister, M., Pitschke, W. High-temperature X-ray diffraction phase analysis of YNi$_2$B$_2$C 106660
Buchhave, P. *see* Andersen, P.E. 85610
Buchhave, P. *see* Hansen, P.L. 75894
Buchhave, P. *see* Petersen, P.M. 116004
Buchheit, M. *see* Nuban, M.F. 92777
Buchheit, S. *see* Kuang Yi Chen 97293
Buchhofer, J. 2 mm HM compact peripheral component interconnects (PCI) for use in the nanosecond environment 114375
Buchholz, A. *see* Potson, D. 73501
Buchholz, D. *see* Arena, V. 90171
Buchholz, D.B., Lentine, A.L., Novotny, R.A. Thermal shift in the exciton absorption maxima as a function of the chip package design 85104
Buchholz, D.B. *see* Lentine, A.L. 99018
Buchholz, F. *see* Khabipov, M.I. 104460
Buchholz, J.J., Bauschat, J.-M., Hahn, K.-U., Pausder, H.J. ATTAS and ATTHeS in-flight simulators–recent application experiences and future programs 120601
Buchholz, M. *see* Zhou, Z.-L. 110536
Buchholz, P. *see* Hallgren, B. 90201
Buchholz, P. *see* Hallgren, B. 100956
Buchkremer-Hermanns, H., Ren, H., Weiss, H. Optimization of diamond nucleation and growth using MW-PACVD method 72920
Buchler, J. *see* Wollitzer, M. 79006
Buchler, R.J., Lee, C.A., Brockstein, A.J. Design and test of a synergistic interferometric GPS-INS 68778
Buchman, R.C. *see* Crespi, A.M. 112184
Buchner, D. Breakdown of SF$_6$ insulation in case of inhomogeneous fields under different transient voltage stress 75048
Buchner, M. *see* Pucher, H.-J. 112889
Buchner, S., Campbell, A.B., McMorrow, D., Melinger, J., Masti, H., Chen, Y.J. Modification of single event upset cross section of an SRAM at high frequencies 104554
Buchner, S., Campbell, A.B., McMorrow, D., Melinger, J., Masti, M., Chen, Y.J. Modification of single event upset cross section of an SRAM at high frequencies 73389
Buchner, S., McMorrow, D., Melinger, J., Camdbell, A.B. Laboratory tests for single-event effects 70313
Buchner, S., Melinger, J., McMorrow, D., Baze, M., Bartholet, W. Confirmation of calculated error rates in a logic circuit using a pulsed laser 61723
Buchner, S. *see* McMorrow, D. 70334
Buchner, S. *see* McMorrow, D. 74743
Buchner, S. *see* McMorrow, D. 106046
Bucholtz, C. Built for speed [CATV] 79166
Bucholtz, C. Software's rising stars [networking software] 118259
Bucholtz, F., Ewing, K.J., Putnam, M., Askins, C.G. Photoluminescence of Bragg germanosilicate fibres excited at 488 nm 75430
Bucholz, D.B. *see* Chirovsky, L.M.F. 85334
Buchowicz, A. The algorithm for image decomposition and reconstruction using amplitude and phase patterns 87234
Buchs, J.D., Detlefsen, W., Grabow, W. Access control system based on the emerging European standard for 5.8 GHz short range communication 118773
Buchsbaum, D.J. *see* Muthuswamy, M.S. 80464
Buchvarov, I., Dreischuh, A., Iliev, A., Dinev, S., Saltiel, S. Simultaneous shaping and shortening of nanosecond pulses 107182
Buchwald, E. *see* Meier, M. 75754
Buchwalter, L.P. *see* Zhmurkin, D.V. 94812
Buck, A.L. *see* Busen, R. 90770
Buck, D.C. *see* Talisa, S.H. 84929
Buck, D.C. *see* Talisa, S.H. 93774
Buck, D.W. *see* Barna, G.G. 63392
Buck, J. *see* Seawright, A. 113671
Buck, J.A. *see* Hoffmann, M.B. 107158
Buck, M. *see* Blonde, L. 79151

Buck, M. *see* Peremans, A. 107401

Buck, N. *see* Wissel, L. 113866

Buckberry, C.H., Towers, D.P., Stockley, B.C., Tavender, B., Jones, M.P., Jones, J.D.C., Valera, J.D.R. Whole-field optical diagnostics for structural analysis in the automotive industry 82787

Bucken, R. Digital multimedia broadcasting: an exciting business 68839

Bucken, R. HHI: equipped with data compression and 3D technologies for multimedia 78224

Bucken, R. Digital video disc: competitor or adjunct to broadcast or online media? 109941

Buckens, M. *see* Donnay, S. 62061

Bucker, M. *see* Keller, U. 65891

Bucker, M. *see* Sabath, F. 62443

Bucket, K., Moeneclaey, M. Jitter accumulation in cascaded regenerators 77552

Buckett, J. *see* Matthews, E. 87904

Buckland, E.L., Boyd, R.W. Electrostrictive nonlinearity of optical fiber 75496

Buckland, E.L., Boyd, R.W. Electrostrictive contribution to the intensity-dependent refractive index of optical fibers 95676

Buckle, K.A., Luce, J.W. A rotating magnetic field approach to a low distortion poly-phase power rectifier 112065

Buckle, K.A., Luce, J.W. Battery vehicle charger design eliminates harmonic current generation 112066

Buckle, P.D. *see* Cockburn, J.W. 74395

Buckle, P.D. *see* Teissier, R.J. 62854

Bucklew, J.A. *see* Sharma, R. 108309

Bucklew, J.A. *see* Zerai, A.A. 66730

Buckley, D.I. *see* Cookerly, D.H. 80712

Buckley, D.N. *see* Geelhaar, L. 105654

Buckley, J., Karppinen, M., Kirby, G., Kurtyka, T., Perini, D., Poncet, A., Siambanis, T., Siegel, N., Vanenkov, I. Mechanical performance of a twin-aperture 56 mm bore 1 m long dipole model made with SSC type cables 89629

Buckley, J. *see* Vachon, P.W. 120853

Buckley, J.J., Hayashi, Y. Neural net solutions to fuzzy linear programming 113178

Buckley, J.R., Johnson, R.S. Microwave backscatter from the sea surface at grazing incidence 111266

Buckley, K. *see* West, D. 113623

Buckley, K.M. *see* Vaidyanathan, C. 86179

Buckley-Golder, I.M. *see* Werner, M. 83972

Buckman, S.J. *see* Weijian Lu 116596

Bucknall, R. *see* Bailey, J.J. 91512

Buckner, W.B. *see* Long, S.R. 72239

Buckner, W.F. Interpretation of aeolian-vibration data 111647

Bucksbaum, P.H. *see* Raman, G. 116237

Bucksch, W. *see* Bayer, E. 63966

Buckton, S. *see* Jameson, D.G. 88855

Bucur, R.V. *see* Mecea, V.M. 89524

Bucur, V. Wood acoustic characterization by ultrasound 104206

Buczko, R., Bassani, F. Bound and resonant electron states in quantum dots: the optical spectrum 94552

Buczkowski, A. *see* Romanowski, A. 105103

Buczkowski, S.L. *see* Zhonghai Yu 84074

Buda, M., Petrescu-Prahova, I.B., Cengher, D., Vlaicu, M., Diaconescu, D. Carrier injection in low confinement laser structures with separate narrow active and guiding layers 65208

Budakovsky, S.V. *see* Nagornaya, L.L. 80051

Budakovsky, S.V. *see* Nagornaya, L.L. 100997

Budantsev, M.V., Kvon, Z.D., Pogosov, A.G., Moschegov, N.T., Plotnikov, A.E., Toropov, A.I. Transport in one-dimensional electron Sinai billiards 105422

Budantsev, M.V., Kvon, Z.D., Pogosov, A.G., Plotnikov, A.E. Transport anomalies in electron billiards with a lack of symmetry 62819

Budantsev, M.V., Kvon, Z.D., Pogosov, A.G., Plotnikov, A.E., Moshegov, N.T., Toropov, A.I. Nonlocal effects in a two-dimensional electron gas with a periodic lattice of scatterers 62896

Budd, C. Solution of Maxwell's equations: some practical problems in applying present-day codes 65880

Budd, G. ARM7100 [ARM-based microcontrollers] 93481

Buddas, T. *see* Halin, M. 71059

Buddas, T. *see* Halin, M. 71061

Budde, W., Bender, S., Brockherde, W., Kokozinski, R., Schardein, W. Analogue FPGAs in BiCMOS technology for signal processing 93622

Buddhikot, M.M., Parulkar, G.M. Efficient data layout, scheduling and playout control in MARS 118599

Buddhudu, S. *see* Rajamohan Reddy, K. 95966

Buddhudu, S. *see* Rambabu, U. 75711

Bude, J.D. *see* Krisch, K.S. 115215

Budge, K. *see* Tossan, D. 87542

Budge, S.E. *see* Huber, A.K. 86755

Budgett, D.M., Tang, P.E., Sharp, J.H., Chatwin, C.R., Young, R.C.D., Wang, R.K., Scott, B.F. Parallel pixel processing using programmable gate arrays 98289

Budgett, D.M. *see* Sharp, J.H. 75403

Budhia, R.K. *see* Moser, L.E. 67726

Budholia, G. *see* Dongre, C. 106802

Budi Yuwono, Dik Lun Lee WISE: a World Wide Web resource database system 109019

Budiarto, E., Jeong, S., Son, J., Margolies, J., Boker, J. High power terahertz radiation at 1 kHz repetition rate 64891

Budiarto, E., Margolies, J., Jeong, S., Son, J., Bokor, J. High-intensity terahertz pulses at 1-kHz repetition rate 116201

Budihardjo, S., Sakae, T., Fujimura, H., Nohtomi, A., Uozumi, Y., Matoba, M. A two-dimensional transmission counter with a backgammon-drift read-out technique 100833

Budilin, V. *see* Bolotin, I. 100694

Budimir, D., Postoyalko, V. A CAD package for E-plane filters 104788

Budimir, D. *see* Karacaoglu, U. 114333

Budimir, D. *see* Wang, Q.H. 73787

Budimir, D. *see* Warburton, P.A. 62319

Budin, A.V. *see* Kolikov, V.A. 116838

Budin, D. *see* Hartung, T. 98903

Budin, J. *see* Tancevski, L. 78940

Budin, J. *see* Tancevski, L. 88450

Budinger, T.F. *see* Klein, G.J. 90447

Budka, K.C. Cellular Digital Packet Data: channel availability 88340

Budka, K.C. *see* Nanda, S. 88339

Budka, T.P., Waclawik, S.D., Rebeiz, G.M. Near electric field mapping above X-Band MMICs using modulated scattering 93903

Budkowski, S. *see* Fischer, S. 108868

Budnar, M.G. High resolution PIXE set-up 100382

Budnick, J. *see* Kang, X. 89843

Budnick, J. *see* Liu, J.Y. 89882

Budnick, J. *see* Wang, L. 89881

Budnick, J.I. *see* Shen, N.X. 64321

Budnick, J.I. *see* Zhang, Y.D. 64217

Budzanowski, A. *see* Brauksiepe, S. 100815

Budzanowski, M., Bilski, P., Botter-Jensen, L., Delgado, A., Olko, P., Saez-Vergara, J.C., Waligorski, M.P.R. Comparison of LiF:Mg,Cu,P (MCP-N, GR-200A) and α-Al_2O_3:C TL detectors in short-term measurements of natural radiation 110993

Budzanowski, M., Burgkhardt, B., Olko, P., Pessara, W., Waligorski, M.P.R. Long-term investigation on self-irradiation and sensitivity to cosmic rays of TL detector types TLD-200, TLD-700, MCP-N and new phosphate glass dosemeters 110989

Budzanowski, M. *see* Bilski, P. 110982

Budzanowski, M. *see* Saez-Vergara, J.C. 101454

Budzanowsky, A. *see* Igel, S. 120205

Budzier, H. *see* Koepernik, J. 69301

Budzinski, C. *see* Hembd-Sollner, C. 92178

Budzinski, Ch. *see* Samuels, U. 116590

Budzynski, A., Jedrzejewski, J., Schneider, K. A concept for distance measuring in CNC machines and intelligent identifying the machining datum 82170

Buebecker, B. Weighing up the benefits of PLCs 81319

Buehler, K., Reynolds, P., Markman, S., Hellmann, G. Variable Stability In-flight Simulator Test Aircraft (VISTA) 120936

Buehler, M. *see* Aghili, F. 91468

Buehler, M.G., Bell, L.D., Hecht, M.H. Gas pressure gauge based on alpha-particle induced ion currents [for Martian measurement] 69073

Buehler, M.G., Bell, L.D., Hecht, M.H. Alpha-particle gas-pressure sensor 89035

Buehler, M.G., Ryan, M.A. Gas sensor test chip 119759

Buehlmann, H.-J. *see* Py, M.A. 95064

Buehlmann, H.-J. *see* Ren, L. 104825

Buehrer, R.M., Kaul, A., Striglis, S., Woerner, B.D. Analysis of DS-CDMA parallel interference cancellation with phase and timing errors 119014

Buehrer, R.M., Woerner, B.D. Performance of CDMA multistage interference cancellation with phase and timing errors 68200

Buehrer, R.M., Woerner, B.D. Analysis of adaptive multistage interference cancellation for CDMA using an improved Gaussian approximation 119055

Buelow, L.D., Hassell, F., Lieto, C. Overview of fabrication processes for uncooled laser optics 65407

Buendia, M. *see* Inesta, J.M. 117604

Bueno, A. *see* Gomez-Cadenas, J.J. 110537

Bueno, A. *see* Pesse, G. 103193

Bueno, C.C., Goncalves, J.A.C., Santos, M.D.deS. The performance of low-cost commercial photodiodes for charged particle and X-ray spectrometry 69763

Bueno, C.C. *see* Likhachev, V.P. 100816

Bueno, G., Fisher, M., Cubillo, J., Burnham, K. Organ identification for conformal radiotherapy treatment planning–a review 98262

Bueno, O.L.Neyra *see* Neyra Bueno, O.L.

Buer, M., Wallace, J. Integrated security for digital video broadcast 109874

Buesser, K. *see* Albers, D. 69756

Bueung-Lyong Gill *see* Seong-Sue Kim 115618

Bufa Zhang *see* Zhang Bufa

Bufetov, I.A., Kravtsov, S.B., Fedorov, V.B. Nd-laser installation for effective 4-th harmonic generation 107492

Bufetova, G.A., Klimov, I.V., Nikolaev, D., Shcherbakov, I., Tsvetkov, V.B. Wide aperture Nd laser with adaptive loop resonator based on four wave mixing in Cr^{4+}:YSGG crystal 116439

Buff, W. *see* Vandahl, T. 106461

Buffet, N. *see* Vinet, F. 63491

Buffet, N. *see* Vinet, F. 84269

Buffman, M. *see* Glynn, J.M. 88740

Bufler, F.M. *see* Jungemann, C. 62687

Buford, J.F. *see* Rutledge, L. 78093

Bufton, J.L. *see* Rabine, D.L. 111092

Bugaev, A.S., Gorsky, V.B. Efficient hypersonic wave excitation [ferrite film systems] 106553

Bugai, A.A. *see* Babich, V.M. 74090

Bugajski, M. *see* Muszalski, J. 92770

Bugarin, J. *see* Dorrio, B.V. 119862

Bugeau, J. *see* Kellerman, D. 82219

Bugg, W. *see* Kwok, P. 89918

Bugg, W.M. *see* Wunstorf, R. 105096

Bugge, F. *see* Erbert, G. 96313

Buggeln, R. *see* Meyyappan, M. 63891

Buggeln, R.C., Meyyappan, M., Shamroth, S.J. Analysis of aluminum nitride epitaxial growth by low pressure metal organic chemical vapor deposition 103834

Bugiel, E. *see* Brunner, K. 113318

Bugiel, E. *see* Rucker, H. 61213

Bugiel, E. *see* Schoisswohl, M. 94440

Bugiel, E. *see* Zeindl, H.P. 62844

Bugiel, E. *see* Zeindl, H.P. 114733

Buglioni, S. *see* Badoni, D. 83291

Bugos, A.R. Dial-in World-Wide Web (WWW) information services for use within a local community network 118433

Bugos, A.R., Hill, P.M. An investigation of video and audio traffic over a LocalTalk-frame relay community network 118434

Bugos, A.R. *see* Shuang Deng 98643

Bugrova, T.I. *see* Fankov, S.E. 66103

Bugwadia, K.A., Petajan, E.D., Puri, N.N. Progressive-scan rate up-conversion of 24/30 Hz source materials for HDTV 109910

Buhan, C.Le *see* Le Buhan, C.

Buhay, H. *see* Adam, J.D. 83307

Buhl, D., Lang, T., Heeb, B., Gauckler, L.J. Tape casting and partial melting of Bi-2212 thick films 113539

Buhleier, R., Bardinal, V., Collet, J.H., Fontaine, C., Hubner, M., Kuhl, J. Four-wave mixing in bulk GaAs microcavities at room temperature 116679

Buhler, J. *see* Funk, J. 74899

Buhler, P. *see* Herzog, R. 95391

Buhler, S. *see* Chehab, R. 89714

Buhlmann, H.-J. *see* Haddab, Y. 63762

Buhlmeier, A. *see* Rossmann, M. 62136

Buhm Jae Shin, Heui Seob Jeong, Jeong Hyun Seo, Ki-Woong Whang, Kyung Cheol Choi The role of a wall-auxiliary anode in a DC plasma display panel 89328

Buhmann, H., Mansouri, L., Wang, J., Beton, P.H., Mori, N., Eaves, L., Henini, M., Potemski, M. Charging effects on the electroluminescence spectra of resonant tunnelling diodes 63550

Buhmann, H. *see* Wang, J. 63549

Buhmann, J.M. *see* Frohlinghaus, T. 117797

Buhrer, A., Moser, U.T., Schumacher, P.M., Pasch, T., Anliker, M. Subtraction procedure for the registration of tissue perfusion with Doppler ultrasound 90474

Buhrman, H., Hoepman, J.-H., Vitanyi, P. Optimal routing tables 98513

Buhrman, R.A. *see* Ellis, K.A. 84047

Buhro, W.E. Progress in molecular precursors for electronic materials [MOCVD] 104130

Buhro, W.E., Hickman, K.M., Trentler, T.J. Turning down the heat on semiconductor growth: solution-chemical synthesis and the solution-liquid-solid mechanism 113285

Bui, N. *see* Pagey, M. 95027

Bui, N. *see* Pramanick, S. 115009

Bui, N. *see* Zheng, S. 105973

Bui, N.-C., Visalli, G., Monney, P., Vitous, V. From sensors to microsystems: a case study 110198

Bui, T.H., Vollmerhausen, R.H., Tsou, B.H. Overlap binocular field-of-view flight experiment 90706

Bui Ai *see* Dinculescu, S. 110324

Bui Ai *see* Mbaye, A. 121467

Bui Dean Khanh A numerical resolution of the Gelfand-Levitan equation 92631

Bui Thang Nguyen *see* Thang Nguyen Bui

Bui Tin Huu *see* Halasz, S. 71785

Bui-Ngoc, T. *see* Tran-Quoc, T. 102140

Buica, I. *see* Udrea, M. 75598

Buijs, M., Haberern, K., Marshall, T., Law, K.K., Baude, P.F., Miller, T.J., Haase, M.A., Haugen, G.M., Horikx, J. Dependence of lifetime of II-VI semiconductor lasers on output power for different mounting configurations 85513

Buijs, M., Tijburg, R., Haberern, K., Gaines, J. Lateral waveguiding in blue-green II-VI semiconductor lasers 75946

Buijs, M. *see* Baude, P.F. 65244

Buijs, M. *see* Shahzad, K. 107292

Buil, S., Lalaude, C., Delville, J.P., Freysz, E., Ducasse, A. First order phase transition dynamics induced by laser in four wave mixing 76202

Builo, S.I. Application of statistical radiophysics models to improve the reliability of the results of acoustic emission testing and diagnostics of the prefracture state 92999

Buiochi, F. *see* Adamowski, J.C. 119896

Buisson, J., Gaillard, R., Jaureguy, J.-C., Poirault, G. Displacement effects induced by high energy protons in semiconductor electronic devices 105846

Buivydas, M. *see* Matuszczyk, T. 89324

Buj, C. *see* Leroux, C. 84415

Buj, S. *see* Cattrall, D. 67648

Bujewski, T. *see* Kleinrock, L. 78920
Bujnowski, S., Dubalski, B., Zabludowski, A. CDK exchange: The basic unit of a fast dispatcher conference communication system 88034
Bujnowski, S., Dublaski, B., Zabludowski, A. Operation and management of fast dispatcher and conference communication system 88035
Bukat, K. *see* Morawska, Z. 83607
Bukhalo, O.P. Estimation of the parameters of a doubly stochastic quasi-Poisson pulse flux 86018
Bukhanwala, N. *see* Ekbote, S. 106011
Bukharaev, N.R. *see* Bukharaev, R.G. 67185
Bukharaev, R.G., Bukharaev, N.R., Zakharov, V.M., Nurmeev, N.N., Salimov, F.I., Frolov, V.B. A software system for analysis of stochastic geometry methods in pattern recognition 67185
Bukhari, J. *see* Seyyedi, J. 83617
Bukhari, M.Z., Wong, K.C. Elimination of CFC's and the chemical waste with the use of no-clean solder in RF power module 72389
Bukharin, A. *see* Arsenyan, T. 120755
Bukharovich, A.M., Denisenki, O.I., Strinatko, M.T. Experimental justification of the possibility of percutaneous laser irradiation of blood 90583
Bukhovets, V.L. *see* Fedoseev, D.V. 92942
Buklerskii, A.V., Kart, A.M., Klyachko, B.S., Kravchuk, V.K., Milyukov, V.K., Melezhnikov, I.V., Myasnikov, A.V., Nesterov, V.V., Rudenko, V.N. Baksan laser interferometer 101506
Bukow, H.H. *see* Stephan, A. 100765
Bukowski, J.D., Stewart, R.A., Graves, D.B., Vitello, P. Modeling of pulsed-power inductively coupled plasma reactors 63403
Bukreev, A.V. *see* Salishchev, V.A. 109830
Bukreev, V.S., Vartapetov, S.K., Veselovskii, I.A., Shablin, Yu.S. Measurement of the ozone concentration in the lower troposphere by a differential absorption lidar system 70489
Bula, C. *see* Kwok, P. 89918
Bulaev, P.V. *see* Chelny, A.A. 96314
Bulanov, A.A. *see* Volosovich, A.E. 85180
Bulanov, S.V., Esirkepov, T.J., Naumova, N.M., Pegoraro, F., Pogorelsky, I.V., Pukhov, A.M. Controlled wake field acceleration via laser pulse shaping 79844
Bulashenko, O.M., Garcia, M.J., Bonilla, L.L. Chaotic dynamics of electric-field domains in periodically driven superlattices 63068
Bulashenko, O.M. *see* Bonilla, L.L. 62970
Bulashenko, O.M. *see* Kochelap, V.A. 105089
Bulata, H., Devy, M. Incremental construction of a landmark-based and topological model of indoor environments by a mobile robot 79014
Bulatovic, S., Markovic, A., Milosevic, M. Functioning of the electric power system of Yugoslavia and the possibilities of a reconnection with UCPTE 111485
Bulavin, V.V., Gutsev, D.F., Pavelko, V.I. Some results of the vibration analysis of the VVER-440 type reactor vessel top head and on the facilities of its primary circuit six loops 91286
Bulavin, V.V., Pavelko, V.I., Gutsev, D.F. Investigation of the characteristics of vibrational diagnostics of VVER-1000 reactors under operating conditions 81292
Bulavskii, D.V., Zyubin, V.E., Karlson, N.N., Krivoruchko, V.O., Mironov, V.V. An automated control system for a silicon single-crystal growth furnace 115284
Bulawka, A. *see* Naik, R. 91673
Bulcher, R. Making accurate measurements with PC-based data acquisition systems 99875
Bulck, P.Van den *see* Van den Bulck, P.
Bulder, H.J.J. Experiences with digital data reduction of video tapes [planetary satellite events] 117529
Buldygin, A.F. *see* Borodovskii, P.A. 79675
Buldygin, A.F. *see* Kornilovich, A.A. 110339
Buledza, A.V. Improvement of the two-step Richardson algorithm 113211
Bulfone, D., Cargnello, F., D'Auria, G., Daclon, F., Ferianis, M., Giannini, M., Margaritondo, G., Massarotti, A., Rindi, A., Rosei, R., Rubbia, C., Visintini, R., Walker, R.P., Wrulich, A., Zangrando, D., Ciocci, F., Dattoli, G., De Angelis, A., Dipace, A., Doria, A., Gallerano, G.P., Garosi, F., Giannessi, L., Giovenale, E., Mezi, L., Ottaviani, P.L., Renieri, A., Sabia, E., Segreto, A., Torre, A., Castellano, M., Patteri, P., Tazzari, S., Tazzioli, F., Cevenini, F., Cutolo, A. The FERMI FEL project at Trieste 76053
Bulfone, D. *see* Bocchetta, C.J. 79809
Bulfone, D. *see* Walker, R.P. 96521
Bulford, B. *see* Baker, I. 109952
Bulgakov, E.N. *see* Berman, G.P. 94482
Bulgakov, S. *see* Benfatto, I. 112060
Bulgakov, S. *see* Roshal, A. 102884
Bulgakov, S.A., Ponomarenko, P.V., Yampolsky, Yu.M. Fractal analysis of RF signals scattered by small-scale ionospheric irregularities 85868
Bulgrin, J.P. *see* Patete, P.V. 80298
Bulin Zhang *see* Zhang Bulin
Bulinski, A., Bamji, S., So, E., Montanari, G.C., Motori, A., Gubanski, S. Diagnostic measurements of high voltage polymeric cable insulation 70913
Bulinski, A.T. *see* Bamji, S.S. 64112
Bulinski, A.T. *see* Montanari, G.C. 91176
Bulka, Yu.V. *see* Kostenko, P.Yu. 108007
Bulka, Y.V. *see* Kostenko, P.Yu. 98077
Bulkin, A.E., Kalashnikov, A.A. A study of the control dynamics of ultra-supercritical steam turbines 102452
Bulkin, P. *see* Kildemo, M. 72889
Bulkin, P.V., Swart, P.L., Lacquet, B.M. Fourier-transform design and electron cyclotron resonance plasma-enhanced deposition of lossy graded-index optical coatings 95930
Bulkin, P.V. *see* Chtcherbakov, A.A. 79444
Bulkszas, B. *see* Laudanski, T. 90272
Bull, C.R., McFarlane, N.J.B., Zwiggelaar, R., Allen, C.J., Mottram, T.T. Inspection of teats by colour image analysis for automatic milking systems 77235
Bull, D.R., Redmill, D.W. Optimization of image coding algorithms and architectures using genetic algorithms 108643
Bull, D.R. *see* Perry, R. 109138
Bull, D.R. *see* Perry, R. 118504
Bull, D.R. *see* Redmill, D.W. 86547
Bull, D.R. *see* Sriranganathan, S. 86205
Bull, H.T. *see* Nener, B.D. 69265
Bull, J. *see* Houlton, D.J. 72907
Bull, J.F., Burgess, L.R., Farina, D.J., McEntee, R.A. Beamspace superresolution applied to low angle tracking 78980
Bull, J.F. *see* Farina, D. 76639
Bull, J.W. *see* Li, L.-Y. 103791
Bulla, A. *see* Krizan, P. 69746
Bullara, V. *see* Amato, G. 94296
Bulle-Lieuwma, C.W.T. *see* Oostra, D.J. 105556
Bullemer, B. *see* Zhang, Z. 82671
Bullemer, B. *see* Zotov, A.V. 72794
Buller, G.S. *see* Massa, J.S. 74371
Buller, J.F., Bandyopadhyay, B., Garg, S., Patel, N. Improved EEPROM tunnel- and gate-oxide quality by integration of a low-temperature pre-tunnel-oxide RCA SC-1 clean 93386
Buller, P.E. RF isolation, cheap and easy 97196
Bullesbach, A., Garstka, H. Legal aspects of security in communication technology 108908
Bullimore, M.A. *see* Berman, S.M. 71876
Bullimore, M.A. *see* Berman, S.M. 71877
Bullis, W.M., Huff, H.R. Interpretation of carrier recombination lifetime and diffusion length measurements in silicon 62665
Bullis, W.M., Huff, H.R. Interpretation of carrier recombination lifetime and diffusion length measurements in silicon 63857
Bullis, W.M. *see* Huff, H.R. 63858
Bullitt, E., Soltys, M., Jun Chen, Rosenman, J., Pizer, S.M. Three-dimensional reconstruction of intracranial vessels from biplane projection views 90479
Bullitt, E. *see* Aylward, S. 110714
Bullman, H.G., Folkerts, R., Allison, W. Optical properties of planar immersion objectives in electron impact ion sources 69682
Bullmore, A. *see* Ruffle, R. 102594
Bullock, A.M. *see* Dharamsi, A.N. 89522
Bullock, J. *see* Branz, H.M. 94243
Bullock, J.N., Bechinger, C., Benson, D.K., Branz, H.M. Semi-transparent a-SiC:H solar cells for self-powered photovoltaic-electrochromic devices 102994
Bullock, J.N. *see* Bechinger, C. 95814
Bullock, K. *see* Steinmeyer, K. 114441
Bullock, S. *see* Huffman, L. 68337
Bullock, S.J. *see* Peterson, L.D. 78638
Bullock, T.H. *see* Wright, J.J. 101391
Bullough, T.J. *see* Boyd, A.R. 103869
Bullough, T.J. *see* Davidson, B.R. 103945
Bulmahn, J. *see* Dawson, J.W. 100957
Bulman, G. *see* Edmond, J. 116263
Bulman, G.E., Edmond, J.A., Dmitriev, V.A., Kong, H.-S., Leonard, M.T., Irvine, K.G., Nikolaev, V.I., Zubrilov, A.S., Tsvetkov, D.V. Recent progress in AlGaN-GaN laser structures on 6H-SiC 96329
Bulman, G.E., Edmond, J.A., Kong, H.S., Leonard, M., Dmitriev, V.A., Irvine, K.G., Nikolaev, V.I., Zubrilov, A.S., Tsvetkov, D.V. Recent progress in GaN/SiC LEDs and photopumped lasers 65240
Bulmer, R. *see* Deis, G. 106719
Bulmer, R.H. *see* Mondino, P.-L. 64567
Bulos, F. *see* Alexandrof, V.A. 100628
Bulos, F. *see* Fieguth, T. 100708
Bulovic, V. *see* Burrows, P.E. 75747
Bulovic, V. *see* Garbuzov, D.Z. 116194
Bulovic, V. *see* Gu, G. 64951
Bulow, H.von *see* von Bulow, H.
Bulpitt, A. *see* Fletcher, S. 70026
Bulpitt, A.J., Efford, N.D. An efficient 3D deformable model with a self-optimising mesh 108412
Bulten, H.J. *see* Zhou, Z.-L. 110536
Bultheel, A. *see* De Samblanx, G. 60939
Bultitude, J., Chu, M., Rae, A. Rational material choices in MLC capacitors 93961
Bultitude, J. *see* Rae, A. 93958
Bulur, E., Goksu, H.Y., Wieser, A., Figel, M., Ozer, A.M. Thermoluminescence properties of fluorescent materials used in commercial lamps 110963
Buluswar, S.D., Draper, B.A. Non-parametric classification of pixels under varying outdoor illumination 77180
Bulwith, R.A., King, C.E., Edwards, T.W. Solder sphere concerns in grid array bumping 92223
Bulyak, E. Ion core parameters in the bending magnets of electron storage rings 90011
Bulyak, E. Ion driven effects in the intense electron beam circulating in storage rings 90012
Bulyak, E., Efimov, S., Gevchuk, A., Gladkikh, P., Karnaukhov, I., Kononenko, S., Kozin, V., Markov, V., Mocheshnikov, N., Mytsykov, A., Shcherbakov, A., Telegin, Y., Zelinsky, A., Molodkin, V., Nemoshkalenko, V., Shpak, A. Progress of the ISI-800 project 80149
Bulychev, S.F. *see* Mamatov, Yu.A. 62097
Bulychev, S.F. *see* Mamatov, Yu.A. 73600
Bum Hou Yob *see* Yob Bum Hou
Bum Koh Young *see* Young Bum Koh
Bum Lee Chang *see* Chang Bum Lee
Bum Pan Sung *see* Sung Bum Pan
Bum-Ki Moon *see* Hyun-Kwon Ha 61423
Bum-Seok Suh *see* Byoung-Kuk Lee 82001
Bum-Seok Suh *see* Kwang-Seob Kim 81554
Bumble, B. *see* Burke, P.J. 73158
Bumble, B. *see* Febvre, P. 68828
Bumby, J.R. *see* Westlake, A.J.G. 71214
Bumby, J.R. *see* Westlake, A.J.G. 91472
Bumeliene, S. *see* Brazis, R. 74074
Bumm, L.A., Arnold, J.J., Cygan, M.T., Dunbar, T.D., Burgin, T.P., Jones, L., II, Allara, D.L., Tour, J.M., Weiss, P.S. Are single molecular wires conducting? 73894
Bumman Kim *see* Jin-Ho Shin 93794
Bumman Kim *see* Joonwoo Lee 94925
Bumova, S.P. *see* Boyvalenkov, P.G. 97560
Bump, J.A. New cooler installed at Lafarge Alpena Plant: fuller controlled flow grate (CFG) clinker cooler [cement plant] 82040
Bumpurs, S. *see* Damodaran, M. 66899
Bumsoo Han, Keeman Kim, Kihun Joh, Sungmyun Kim, Heunggyu Park, Jongpil Park, Jinsoo Kim, Wongu Kang, Kyungwoo Kang, Yuri Kim, Sangil Lee, Younghee Kim Applications of industrial electron accelerators at Samsung Heavy Industries 79911
Bumsoo Han *see* Keeman Kim 79771
Bun, R. *see* Sneeuw, N. 72653
Bun Lee *see* Sung Won Jun 74428
Bun Lee *see* Sung Woo Choi 82757
Bunce, G. The Brookhaven muon g-2 experiment 120004
Bunce, G., Cullen, J., Danby, G., Green, M.A., Jackson, J., Jia, L., Krienen, F., Meier, R., Meng, W., Morse, W., Pai, C., Polk, I., Prodell, A., Shutt, R., Snydstrup, L., Yamamoto, A. A progress report on the g-2 storage ring magnet system 100643
Bunce, G. *see* Huang, H. 119985
Bunce, G. *see* Wu, J. 110619
Bunce, R.W. *see* Morgan, D.V. 71707
Bunce, R.W. *see* Tew, G.S. 63299
Bundschuh, B. *see* Xu, Z. 79344
Bundschuh, B.O., Schneider, D., Grindel, M. Feasibility study of a compact low cost correlation LIDAR using a pseudo noise modulated diode laser and an APD in the current mode 120773
Bundschuh, M. *see* Haschberger, P. 69186
Bung Han Seok *see* Seok Bung Han
Bungaro, F. *see* di Natale, C. 100155
Bungova, T.A. *see* Ikonnikov, V.K. 107086
Bungova, T.A. *see* Lavrov, A.V. 107089
Bungs, M., Schlorb, H., Plieth, W. Discharge and charge behaviour of manganese oxides with spinel structure in aqueous electrolytes 112234
Bungum, O.W. Transmultiplexing, transcontrol and transscrambling of MPEG-2/DVB signal 119369
Bunimovich, D. *see* Simhi, R. 101082
Bunke, H. *see* Hoover, A. 97881
Bunke, H. *see* Jiang, X.Y. 86854
Bunke, H. *see* Messmer, B.T. 67486
Bunke, H. *see* Messmer, B.T. 86820
Bunke, H. *see* Robman, R. 98210
Bunke, H. *see* Ueltschi, A. 98205
Bunker, E., Gayol, Y., Nti, N., Reidell, P. A study of transactional distance in an international audioconferencing course 98811
Bunkin, A.F., Nurmatov, A.A. Object imaging in a light-scattering medium by four-photon Brillouin gain 98092
Bunkin, A.P. *see* Zubkov, E.V. 70501
Bunks, C. Optimization and filtering of paraxial seismic imaging operators 117872
Bunn, J. *see* Brocklehurst, F.K. 102565
Bunn, J. *see* Price, T. 91401
Bunn, R.M. *see* Brotherton, S.D. 84605
Bunning, T.J., Natarajan, L.V., Tondiglia, V.P., Sutherland, R.L., Haaga, R., Adams, W.W. The effects of eliminating the chain extender and varying the grating periodicity on the morphology of holographically written Bragg gratings 96808
Bunning, T.J., Natarajan, L.V., Tondiglia, V.P., Sutherland, R.L., Vezie, D.L., Adams, W.W. Morphology of reflection holograms formed in situ using polymer-dispersed liquid crystals 96802
Bunning, T.J. *see* Domash, L.H. 96837
Bunning, T.J. *see* Sutherland, R.L. 96834
Bunon, C.C. *see* Ooi, B.S. 95777
Bunse-Gerstner, A. Computational solution of the algebraic Riccati equation 113231
Bunse-Gerstner, A. *see* Brachtendorf, H.G. 61518
Bunshah, R.F. *see* Muggli, P. 79983
Bunte, A., Grotstollen, H., Krafka, P. Field weakening of induction motors in a very wide region with regard to parameter uncertainties 121943
Bunten, B. New operational guidance concepts through intelligent remote control receivers 90977
Buoll, C., Abbiati, A., Riccardi, D. Microwave power amplifier with "envelope controlled" drain power supply 93820

Buon, J. *see* Alexandrof, V.A. 100628
Buon, J. *see* Tenenbaum, P. 89675
Buonanno, G., Fummi, F., Sciuto, D. Functional fault models and gate level coverage for sequential architectures 83030
Buonanno, G., Fummi, F., Sciuto, D., Lombardi, F. FsmTest: functional test generation for sequential circuits 93255
Buontempo, I. *see* Rozzi, T. 107976
Buontempo, S. *see* Di Capua, E. 110598
Buontempo, S. *see* Martellotti, G. 80122
Buot, F.A. *see* Woolard, D.L. 63565
Buot, T.V. Channel allocation strategy for voice/data TDMA systems 68188
Buot, T.V. Channel allocation algorithm for TDMA with multiclass users 118029
Buot, T.V. Priority scheme for mobile data access employing reservation 118073
Buot, T.V. Random access, reservation and polling multiaccess protocol for wireless data systems 118753
Buott, T. *see* Watanabe, F. 99163
Buracchini, E., Muratore, F., Palestini, V., Sinibaldi, M. Space division multiple access (SDMA) in mobile radio systems 78421
Burago, D., de Rougemont, M., Slissenko, A. On the complexity of partially observed Markov decision processes 60805
Burais, N. *see* Rasolonjanahary, J.L. 61506
Burais, N. *see* Savoye, C. 104248
Burais, N. *see* Sicard, D. 110957
Burak, D., Binder, R. The role of carrier diffusion in semiconductor microdisc lasers 96336
Burak, D., Binder, R. Electromagnetic eigenmodes of microdisc resonators 116583
Burak, V.S. *see* Luginets, A.M. 72747
Buratto, S.K. *see* Dhar, L. 85060
Buravlev, A.I. Method for assessing reliability of expert measurements 99817
Burbelo, R.M., Kucherov, I.Ya., Kuzmich, A.G. Photoacoustic microscopy of epitaxial and ion-doped layers in semiconductors 105101
Burbulak, B. *see* Abay, B. 105213
Burch, J.R. Techniques for verifying superscalar microprocessors 83154
Burch, J.R. *see* Peyton, A.J. 72125
Burch, R. *see* Bedin, R. 100983
Burch, R.F., IV *see* Halpin, S.M. 80805
Burchard, D. Active reception antennas: observations, calculations and experiments 85965
Burchard, D. Active reception antennas: observations, calculations and experiments. II. [Conclusion] 117005
Burchett, M.H. *see* Spillard, C. 73626
Burchill, W.E. *see* Male, A.M. 81222
Burclova, J. *see* Smiesko, I. 71072
Burd, R. *see* Partovi, H. 73251
Burda, J. *see* Ruscak, M. 71087
Burdakov, A.V. *see* Bobylev, V.B. 85812
Burdess, J. *see* Wood, D. 74982
Burdess, J. *see* Wood, D. 79726
Burdess, J.S. *see* Wood, D. 74864
Burdett, N.G. *see* Ablett, S. 80286
Burdette, E.C. *see* Lu, X.-Q. 70202
Burdge, G.L. *see* Butler, D.L. 65513
Burdge, G.L. *see* Rush, D.W. 96824
Burdi, M.K., Memon, S.A., Chang, A.Q. A new fault locator for electric power systems–design principles 71004
Burdick, B. *see* Kuk, D. 92217
Burdick, J., Pruett, J., Beck, E. Qualification testing of thin-film and crystalline photovoltaic modules 103027
Burdick, J., Pruett, J., Beck, E. Photovoltaic module qualification testing, light-soak test equipment improvements, and module performance characterization 112352
Burdick, S.V., Chalupa, J., Hamilton, C.L., Murdock, T.L., Russell, R. MSX reference objects 89141
Burdio, J.M., Martinez, A., Garcia, J.R. A new ZVS resonant sine-wave inverter obtained by a synthesis method 121592
Burdio, J.M., Martinez, A., Garcia, J.R. Derivation of some classical modeling methods for power electronic converters from a unified model 121681
Burdukov, A.P., Dubinskii, Yu.N., Zubkov, V.A. Recovery of the heat of condensation of water vapor from the flue gases of solid power-generating fuels 71127
Bure, I.G. *see* Shevchenko, V.V. 91886
Burek, R.K. *see* Stott, D.D. 90688
Buren, D.Van *see* Van Buren, D.
Buren, M.F.van *see* van Buren, M.F.
Buren-Schele, J.Van *see* Van Buren-Schele, J.
Burenin, P.V., Kupriyanov, V.L., Mishanin, S.M. Nanosecond radio-frequency pulse Gunn oscillators 114283
Burenkov, A. *see* Lorenz, J. 74817
Burenkov, Yu.A., Grechikhin, V.A., Rinkevichyus, B.S. Analysis of the random errors of digital algorithms for measuring the frequency of laser-Doppler anemometers by numerical modeling 79291
Bures, J. *see* Symon, A. 99473
Buret, F. *see* Maulat, C. 81608
Buret, H., Hubner, M., Rattay, B., Recly, A., Tronche, C. MMICs for 30/20 GHz space equipments 73776
Burfield, G. *see* Nener, B.D. 69265
Burford, B. *see* Ullah, Z. 81538
Burford, M.K. *see* Bhatia, V. 89122
Burg, T. *see* Vedagarbha, P. 121506
Burg, W.J.Van der *see* Van der Burg, W.J.
Burgard, W., Fox, D., Hennig, D., Schmidt, T. Position tracking with position probability grids 119875
Burge, J.H. Applications of computer-generated holograms for interferometric measurement of large aspheric optics 76278
Burge, S. *see* Peigneux, J.P. 120164
Burgelman, J.-C., Verhoest, P. Convergence and trans-European networks: some policy problems 77820
Burger, A. *see* Calvin, H. 106718
Burger, A. *see* Chen, H. 114600
Burger, A. *see* Deis, G. 106719
Burger, A. *see* Henderson, D.O. 61145
Burger, A. *see* Rai, B.K. 84165
Burger, A. *see* Thomassen, K. 64565
Burger, A. *see* Tung, Y.S. 63375
Burger, A.A. Probabilistic and deterministic ampacity calculations 70938
Burger, D.R. *see* Lin, J.J. 81879
Burger, G.-J. *see* Berenschot, E. 74944
Burger, G.-J. *see* Burger, J.F. 75260
Burger, G.-J. *see* Imai, S. 115691
Burger, J. *see* Niedermann, P. 82744
Burger, J.F., Burger, G.-J., Lammerink, T.S.J., Imai, S., Fluitman, J.H.J. Miniaturised friction force measuring system for tribological research on magnetic storage devices 75260
Burger, L. *see* Ambrosoli, L. 118246
Burger, M., Van Lengen, H. Solving techniques for the parallel finite-element method 82571
Burger, P. Digital newsgathering with Betacam SX camcorders 99754
Burger, P. *see* Beole, S. 110562
Burger, P. *see* Haroon-ur-Rashid 97987
Burger, P. *see* Yang, G.Z. 80277
Burger, R. Beware of nominal cooling towers 102418
Burger, T. Practical applications of adaptation control for NLMS-algorithms used for echo cancellation with speech signals 67998
Burger, T., Qiuting Huang A 100 dB, 480 MHz OTA in 0.7 μm CMOS for sampled-data applications 104370
Burger, W., Bhanu, B. Signal-to-symbol conversion for structural object recognition using hidden Markov models 77163
Burger, W. *see* Dragon, C. 82965
Burger, W. *see* Dragon, C. 83452
Burger, W. *see* Ngo, D. 83496
Burger, W. *see* Thalhammer, R. 69070
Burges, U., Eppler, I., Schilling, W., Schroeder, H., Trinkaus, H. Analysis of stresses in passivated metal lines 114996
Burgess, D.R.F., Jr. *see* Amato-Wierda, C. 61417
Burgess, K.A., Van Veen, B.D. Subspace-based adaptive generalized likelihood ratio detection 66700
Burgess, L.R. *see* Bull, J.F. 78980
Burgess, S. *see* Kiriyama, T. 74882
Burgess, S.C. *see* Moore, D.F. 74918
Burgess, T.W. *see* Barry, R.E. 110033
Burgess, W. *see* Fabbricatore, P. 90191
Burgett, W., Cromer, L., Haenni, D., Hentges, M., Jaffery, T., Kraushaar, P., Levin, M., McInturff, A., Mulholland, G., Richter, D., Robinson, W., Voy, D., Weisend, J., II, Zatopek, J. Power tests of a string of magnets comprising a full cell of the Superconducting Super Collider 79856
Burggraf, L.W. *see* DeVol, T.A. 80057
Burggraf, L.W. *see* DeVol, T.A. 100891
Burghard, M., Fischer, C.M., Roth, S., Schlick, U., Hanack, M. Charge transport in ultrathin Langmuir-Blodgett film devices: HOMO-mediated tunneling? 74503
Burghard, M. *see* Fischer, C.M. 74502
Burghard, M. *see* Fischer, C.M. 105524
Burghardt, B., Festag, J.G., Piesch, E., Ugi, S. New aspects of environmental monitoring using flat phosphate glass and thermoluminescence dosemeters 110998
Burghartz, J.N., Jenkins, K.A., Soyuer, M. Multilevel-spiral inductors using VLSI interconnect technology 106247
Burghartz, J.N., Soyuer, M., Jenkins, K.A. Integrated RF and microwave components in BiCMOS technology 106245
Burghartz, J.N., Soyuer, M., Jenkins, K.A., Kwark, Y.H., Ponnapalli, S., Ewen, J.F., Pence, W.E. Opportunities for standard silicon technology in RF & microwave applications 83514
Burghartz, J.N. *see* Jenkins, K.A. 63914
Burghartz, J.N. *see* Soyuer, M. 73804
Burghoff, M., Trahms, L., Zhang, Y., Bousack, H., Borgmann, J. Diagnostic application of high-temperature SQUIDs 101073
Burghoff, M. *see* Zhang, Y. 64553
Burgin, T.P. *see* Bumm, L.A. 73894
Burgkhardt, B. *see* Budzanowski, M. 110989
Burgkhardt, B. *see* Ranogajec-Komor, M. 110990
Burgoyne, R.J. Metallurgical cross-sectioning of microelectronic packages for optical inspection and electron beam analysis 92195
Burgt, M.van der *see* van der Burgt, M.
Burgun, L., Reblewski, F., Fenelon, G., Barbier, J., Lepape, O. Serial fault emulation 83084
Burgwinkel, W. *see* Knuttgen, D. 90530
Burian, A. *see* Jarzabek, B. 105201
Burian, A. *see* Rusu, C. 66847
Burian, E., Yoerger, D., Bradley, A., Singh, H. Gradient search with autonomous underwater vehicles using scalar measurements 90822
Burillo, P. *see* Bustince, H. 60862
Burinov, V.F. *see* Anischenko, N.G. 120106
Burk, A.A. *see* Agarwal, A.K. 105997
Burk, A.A. *see* Sriram, S. 83385
Burk, A.A., Jr., Rowland, L.B., Agarwal, A.K., Sriram, S., Glass, R.C., Brandt, C.D. Vapor phase homoepitaxial growth of 6H and 4H silicon carbide 104038
Burk, A.A., Jr. *see* Brandt, C.D. 104054
Burk, A.A., Jr. *see* Siergiej, R.R. 106040
Burk, A.A., Jr. *see* Sriram, S. 62274
Burkard, M. *see* Haase, D. 114634
Burkard, R.E., Cela, E., Klinz, B. On the biquadratic assignment problem 93072
Burkard, R.E., Klinz, B., Rudolf, R. Perspectives of Monge properties in optimization 113229
Burke, A. *see* Braeckelmann, G. 84217
Burke, A.F., Murphy, T.C. Material characteristics and the performance of electrochemical capacitors for electric/hybrid vehicle applications 112585
Burke, B.E. *see* Gregory, J.A. 106055
Burke, D. *see* Alexandrof, V.A. 100628
Burke, D. *see* Raubenheimer, T. 89588
Burke, D. *see* Roberts, J.D. 95645
Burke, D. *see* Shintake, T. 100531
Burke, D. *see* Tenenbaum, P. 89675
Burke, D. *see* Tenenbaum, P. 89910
Burke, E.A. *see* Summers, G.P. 71711
Burke, E.A. *see* Walters, R.J. 71710
Burke, E.A. *see* Walters, R.J. 81910
Burke, E.R. *see* Gomez, R.D. 84764
Burke, J. *see* Garcia, P. 111580
Burke, J.G. *see* Minnigh, S.W. 96128
Burke, J.J. *see* Ramanujam, N. 96690
Burke, J.J. *see* Short, T.A. 122110
Burke, J.J. *see* Tengdin, J.T. 121262
Burke, L.W., Jr., Faulstich, R.J., Newnham, C.E. The development and testing of a polymer electrolyte battery for high-g telemetry applications 112220
Burke, P., Lowell, J., Jastrzebski, L. Evaluation of contaminant-induced charge from oxide chemical-mechanical polish 84112
Burke, P.J., Schoelkopf, R.J., Prober, D.E., Skalare, A., McGrath, W.R., Bumble, B., LeDuc, H.G. Length scaling of bandwidth and noise in hot-electron superconducting mixers 73158
Burke, R.R. *see* Finley, W.R. 91443
Burke, S., Henderson, R.C.W., Maxfield, S.J., Morris, J.V., Patel, G.D., Sankey, D.P.C., Skillicorn, I.O. Track finding and fitting in the H1 Forward Track Detector 69776
Burke, S.K. *see* Harrison, D.J. 92989
Burke, S.V. *see* Kusano, K. 64639
Burke, T. *see* Amone, D.D. 105272
Burke, W.J., Hardy, D.A., Olson, D.G., Gentile, L.C., Huang, C.Y., Oberhardt, M.R. Current-voltage characteristics of a long tethered system observed in the ionosphere 111023
Burkert, F. *see* Bomer, L. 88368
Burkert, S., Traub, H. Redundancy concept for the operations control system of the Maglev high-speed train Transrapid 91893
Burkert, W. *see* Brauninger, H. 90702
Burkes, E.J., Jr. *see* Hoke, J.A. 80461
Burkett, S. *see* Stacy, T. 94602
Burkhanov, G.A., Bychkov, M.I., Mikhailov, B.L., Lachenkov, S.A. The effect of thermomechanical treatment on the properties of composites based on bismuth and yttrium ceramics 115902
Burkhard, H., Piataev, V., Schlapp, W. High power, high T_0 native oxide stripe-geometry 980-nm laser diodes 96242
Burkhard, H., Scholl, H. Ultra-high repetition frequency pulse generation in DFB-lasers by CW-light injection for long haul OTDM fibre transmission 96356
Burkhard, H. *see* Gurlit, W. 69557
Burkhard, H. *see* Hillmer, H. 96343
Burkhard, H. *see* Hillmer, H. 103905
Burkhard, H. *see* Scholl, H. 96297
Burkhard, H. *see* Steinhagen, F. 107283
Burkhard, H. *see* Zengerle, R. 107263
Burkhard, H. *see* Zimmermann, M. 114772
Burkhard, H. *see* Zimmermann, R. 96426
Burkhardt, E. *see* Ye, Z.-G. 106363
Burkhardt, H. *see* Bailey, R. 79964
Burkhardt, H. *see* Faugier, A. 79947
Burkhardt, H. *see* Faugier, A. 79948
Burkhardt, H.J. *see* Baumgarten, B. *(editor)* 103307
Burkhardt, L., Heckathorn, J., Lala, J., Silver, L. GPS ground antenna and monitor station upgrades: software requirements analysis 68338
Burkhardt, M. *see* Ehmann, R. 65955
Burkhardt, M. *see* Hombach, V. 120539
Burkhardt, M. *see* Meier, K. 120546
Burkhardt, M. *see* Smith, H.I. 115095
Burkhardt, S. *see* Witting, M. 61050
Burkhardt, T. *see* Wislicki, K.R. 121980
Burkhardt, W., Kriegseis, W., Petel, M., Regulla, D., Scham, M., Scharmann, A. TSEE response of BeO thin film detectors irradiated on ISO rod phantoms to photons and beta radiation 110976

Burkhart, G.R., Bergen, Z., Carande, R., Hensley, W., Bickel, D., Fellerhoff, J.R. Elevation correction and building extraction from interferometric SAR imagery 120900
Burkhart, J.H. *see* Denison, D.R. 84678
Burkhart, P.D., Bishop, R.H. Adaptive orbit determination for interplanetary spacecraft 80537
Burkhart, S.C., Beach, R.J., Crane, J.H., Davin, J.M., Perry, M.D., Wilcox, R.B. The National Ignition Facility front-end laser system 85415
Burkholder, R.J., Do-Hoon Kwon High-frequency asymptotic acceleration of the fast multipole method 116851
Burkholder, R.J. *see* Obelleiro, F. 116964
Burki, B. *see* Denys, P. 70446
Burkner, S., Baeumler, M., Wagner, J., Larkins, E.C., Rothemund, W., Ralston, J.D. Influence of interdiffusion processes on optical and structural properties of pseudomorphic $In_{0.35}Ga_{0.65}As/GaAs$ multiple quantum well structures 63011
Burkner, S. *see* Ralston, J.D. 96305
Burkov, S.I. *see* Aleksandrov, K.S. 106330
Burky, K.D. *see* Cronyn, W. 109784
Burl, M., Young, I.R. Examples of the design of screened and shielded RF receiver coils 120347
Burl, M.C., Perona, P. Recognition of planar object classes 86386
Burlacu, C. *see* Matakas, L., Jr. 71498
Burlacu, C. *see* Zaciu, R. 108425
Burlakov, I.D. *see* Bovina, L.A. 99985
Burlakov, I.D. *see* Bovina, L.A. 99987
Burlakov, V.D. *see* Zuev, V.V. 120774
Burlakov, V.D. *see* Zuev, V.V. 120775
Burland, D.M., Devoe, R.G., Geletneky, C., Jia, Y., Lee, V.Y., Lundquist, P.M., Moylan, C.R., Poga, C., Twieg, R.J., Wortmann, R. Photorefractive polymers for digital holographic optical storage 115995
Burland, D.M., Verbiest, T. An analysis of relaxation processes in electro-optic polymers 85643
Burland, D.M. *see* Miller, R.D. 85642
Burland, D.M. *see* Poga, C. 95658
Burland, D.M. *see* Wortmann, R. 106757
Burle, N. *see* Simon, J.J. 114565
Burleigh, J.M. *see* Wenndt, S.J. 76875
Burleigh, T.D. *see* Mevellec, C. 70228
Burleigh, T.D. *see* Musolino, M.C. 70229
Burleson, M. *see* Arnoldusse, T.C. 115658
Burleson, R.A., Terzuoli, A.J., English, E.K. Two-dimensional tapered periodic edge treatments for broadband diffraction reduction 97048
Burlet, A. *see* van Rooij, M. 100430
Burlet, D. *see* Bichebois, P. 112985
Burlet, D. *see* Rouchouze, E. 115068
Burlina, P., Alajaji, F., Chellappa, R. Transmission of two-tone images over noisy channels with memory 67716
Burlina, P., Chellappa, R. Spectral and temporal representations of looming and maneuvering information 77329
Burlina, P., Chellappa, R. Analyzing looming motion components from their spatiotemporal spectral signature 117828
Burlina, P., Lin, B., Chellappa, R. On a spectral attentional mechanism 86789
Burlina, P. *see* Chellappa, R. 66872
Burlitch, J.M. *see* Mass, J.L. 113281
Burm, J., Schaff, W.J., Eastman, L.F., Amano, H., Akasaki, I. 75 Å GaN channel modulation doped field effect transistors 63778
Burmas, T.V., Dyer, K.C., Hurst, P.J., Lewis, S.H. A second-order double-sampled delta-sigma modulator using additive-error switching 61972
Burmeister, F. *see* Bohmisch, M. 105689
Burmeister, G. *see* Pardo, F. 72953
Burn, I. *see* Goia, D. 93960
Burnashev, M.V. Improved union bound for Viterbi decoder of convolutional codes 66311
Burnashev, M.V. *see* Bassalygo, L.A. 117250
Burneau, A. *see* Hadj Zoubir, N. 92859
Burneau, A. *see* Rinnert, H. 104115
Burnett, A.F. *see* Chung-Ping Chien 94133
Burnett, J. *see* Wang, S. 122087
Burnett, M.S. *see* Everett, L.J. 79712
Burnett, R., Watson, J.F., Elder, S. The application of modern signal processing techniques for use in rotor fault detection and location within three-phase induction motors 71311
Burnette, T. *see* Dody, G. 83593
Burnette, T. *see* Dody, G. 92239
Burnham, B., Litvinenko, V.N., Wu, Y. Application of precision magnetic measurements for control of the Duke storage ring 79956
Burnham, B. *see* Dickey, C. 89932
Burnham, B. *see* Litvinenko, V.N. 79873
Burnham, B. *see* Litvinenko, V.N. 89685
Burnham, B. *see* Litvinenko, V.N. 96466
Burnham, B. *see* Litvinenko, V.N. 100537
Burnham, B. *see* Wu, Y. 89829
Burnham, B. *see* Wu, Y. 89931
Burnham, B. *see* Wu, Y. 96480
Burnham, C. *see* Krishen, K. *(editor)* 112701
Burnham, E.J. *see* Smith, C.A. 111776
Burnham, J.S. *see* Collins, R.W. 92882
Burnham, J.S. *see* Sangbo Kim 102997
Burnham, K. *see* Bueno, G. 98262
Burnham, K.J. *see* Smith, C.A. 81331
Burnham, K.J. *see* Smith, C.A. 102434
Burnham, N.A., Kulik, A.J., Gremaud, G., Gallo, P.-J., Oulevey, F. Scanning local-acceleration microscopy 69512
Burnham, R. *see* Mayes, R. 94102
Burns, A. *see* Sijing Zhang 87794
Burns, A. *see* Tindell, K. 98730
Burns, A. *see* Zhang, S. 87780
Burns, C. *see* Schoenung, S.M. 111532
Burns, C.W. *see* Short, T.A. 122110
Burns, D., Deram, I., Mello, J., Morgan, J., Wan, I., Robb, F. NPT-IGBT–optimizing for manufacturability 105911
Burns, D. *see* Critten, M.P. 116464
Burns, D. *see* Dowd, P. 78919
Burns, D. *see* Gritten, M.P. 65162
Burns, D. *see* Williams, K.A. 116549
Burns, D.C., Underwood, I., Murray, A.F., Vass, D.G. Design and characterisation of an optoelectronic neural chip 75647
Burns, D.C. *see* O'Hara, A. 75616
Burns, D.C. *see* O'Hara, A. 85096
Burns, D.C. *see* Underwood, I. 79631
Burns, D.J. Virtual instruments for testing and failure analysis 106120
Burns, D.W., Horning, R.D., Herb, W.R., Zook, J.D., Guckel, H. Sealed-cavity resonant microbeam accelerometer 84634
Burns, D.W. *see* Wilson, M.L. 100080
Burns, D.W. *see* Zook, J.D. 89117
Burns, L. *see* Baringer, C. 93534
Burns, N.D. *see* Wright, D.T. 112822
Burns, P., Drewell, N.H., McKeown, J. The measurement, control, and validation of critical parameters in an electron beam sterilization facility 100761
Burns, P.W. *see* Ainslie, M.A. 88723
Burns, R. *see* Parsi, K. 75263
Burns, R.W. *see* Schluter, R.L. 114381
Burns, S.E., Greenham, N.C., Friend, R.H. Modelling of optical interference effects in conjugated polymer films and devices 75703
Burns, T. *see* Kocur, C.M. 70086
Burns, T.J., Rogers, S.K., Oxley, M.E., Ruck, D.W. A wavelet multiresolution analysis for spatio-temporal signals 66932
Burns, W.K. *see* Goldberg, L. 65516
Burns, W.K. *see* Howerton, M.M. 78850
Burns, W.K. *see* Sun, C.K. 95826
Burnsed, M.G. *see* Abernathy, P.C. 109739
Burnside, C. *see* van Rooij, M. 100430
Burnside, R.R., Guest, P.B. A simple proof of the transposed QR algorithm 82364
Burov, A. Electron cooler impedances 89969
Burov, V., Pisent, A., Tecchio, L., Yang, B. Crystallized ion beams in a storage ring 79827
Burow, D.W. *see* Salon, S.J. 111897
Burow, D.W. *see* Salon, S.J. 121489
Burpee, C. *see* Etemad, S. 78795
Burr, A.G. Optimised multistage coded modulation design for Rayleigh fading channels 66330
Burr, A.G. The multipath problem: an overview 78354
Burr, A.G. *see* Baines, S.J. 78382
Burr, A.G. *see* Grace, D. 97111
Burr, A.G. *see* Grace, D. 119026
Burr, A.G. *see* Thorlby, J.P. 76749
Burr, G.W., Psaltis, D. Effect of the oxidation state of $LiNbO_3$:Fe on the diffraction efficiency of multiple holograms 76303
Burr, G.W. *see* Miller, R.A. 95236
Burr, G.W. *see* Mok, F.H. 76304
Burr, J. *see* Godshalk, E.M. 69479
Burr, J.B. *see* Yeh, G.K. 97816
Burrage, K. *see* Erhel, J. 72634
Burrage, M.D. *see* Khattatov, B.V. 120783
Burrascano, P., Pirollo, D. Improved binary classification performance using an information theoretic criterion 117672
Burrer, C., Esteve, J., Lora-Tamayo, E. A resonant accelerometer based on BESOI and made by SDB 63983
Burrer, C., Esteve, J., Lora-Tamayo, E. Resonant silicon accelerometers in bulk micromachining technology–an approach 79299
Burrer, C. *see* Bao Minhang 84181
Burrer, C. *see* Ruiz, O. 69072
Burress, R.V. *see* Iman, R.L. 73856
Burridge, P.R. *see* May, P.W. 72926
Burridge, R. *see* Zeroug, S. 111369
Burriesci, D.L. *see* Field, L.A. 88469
Burrill, J., Wang, S., Barrow, A., Friedman, M., Soffen, M. Model-based matching using elliptical features 86938
Burrini, D., Pagani, C., Serafini, L. A new analytical model for axi-symmetric cavities 90029
Burris, R. *see* Ting, A. 96478
Burroughes, J.H. *see* Amone, D.D. 105272
Burrow, D., Wu, A. On-line utility tie power factor control 91991
Burrows, A.P., Worden, K., Wright, J.R. On the use of a rising-falling chirp excitation for vibration testing 61479
Burrows, B.L. *see* Amos, A.T. 104965
Burrows, B.L. *see* Ancin, F.J. 76852
Burrows, C.R. *see* Hogan, P.A. 82326
Burrows, D.N. *see* Kraft, R.P. 110626
Burrows, E.C. *see* Glance, B. 99572
Burrows, E.C. *see* Liou, K.-Y. 68486
Burrows, J.P. *see* Gurlit, W. 69557
Burrows, M. *see* Scales, D.J. 78002
Burrows, M.D. *see* Nielsen, T. 69539
Burrows, P.E., Shen, Z., Bulovic, V., McCarty, D.M., Forrest, S.R., Cronin, J.A., Thompson, M.E. Relationship between electroluminescence and current transport in organic heterojunction light-emitting devices 75747
Burrows, P.E. *see* Garbuzov, D.Z. 116194
Burrows, P.E. *see* Gu, G. 64951
Burrows, R.W. *see* Ciszek, T.F. 94725
Burrus, C.A. *see* Feuer, M.D. 95829
Burrus, C.A. *see* Glance, B. 99572
Burrus, C.A. *see* Liou, K.-Y. 68486
Burrus, C.S. *see* Lang, M. 66820
Burrus, C.S. *see* Odegard, J.E. 117524
Burrus, C.S. *see* Selesnick, I.W. 97719
Burrus, C.S. *see* Selesnick, I.W. 114094
Burshtein, D. Robust parametric modeling of durations in hidden Markov models 66593
Burshtein, Z., Shimony, Y., Levy, I., Lejus, A.M., Benitez, J.M., Mougel, F. Refractive-index studies in $Ca_2Ga_2SiO_7$ and $SrLaGa_3O_7$ melilite-type compounds 110412
Burshtein, Z. *see* Kalisky, Y. 96678
Bursian, E.V., Zalesskii, V.G., Luzhkov, A.A., Maslov, V.V. Anomalous second harmonic generation in iron-doped barium titanate 116718
Bursik, A., Seipp, H.-G. The economic significance of power station chemistry 91340
Bursky, D. Multibanked DRAM delivers pipelined SRAM performance 61892
Bursky, D. 16-bit embedded controllers open up new markets 83132
Bursky, D. Low-complexity programmable logic delivers top speed 93250
Burstein, A., Kaiser, W.J. The microelectromechanical gyroscope–analysis and simulation using SPICE electronic simulator 74989
Burstein, A., Kaiser, W.J. Mixed analog-digital highly sensitive sensor interface circuit for low-cost microsensors 88982
Burstein, A., Kaiser, W.J. Self-compensating interface system for high performance MEMS inertial sensors 110132
Burstein, L. *see* Gal, D. 105135
Burstein, L. *see* Leibovitch, M. 75684
Burstein, L. *see* Moons, E. 121882
Burstyn, H.C., Meyerhofer, D., Heyman, P.M. The design of high-efficiency high-resolution projectors with the digital micromirror device 89424
Burt, D. *see* Stair, A.T., Jr. 90794
Burt, G.M. *see* Bell, S.C. 111663
Burt, G.M. *see* Moyes, A. 71028
Burt, I.J. Transition Region and Coronal Explorer Mission 90695
Burt, M. *see* Elders, I.M. 111478
Burt, P. *see* Hansen, M. 77133
Burt, P.J., Anandan, P. Image stabilization by registration to a reference mosaic 77132
Burt, P.M.S. A switched regressor algorithm for adaptive IIR filtering 97700
Burt, S.M. *see* Bell, S.C. 111663
Burte, E.P. *see* Bauer, A.J. 105657
Burte, E.P. *see* Friedrichs, P. 74478
Burtea, V., Ghita, C. Adaptive control of induction motors with optimal efficiency 91527
Burth, M., Filbert, D., Guhmann, C., Ropke, K., Schneider, C. Nonlinear approach to the fault diagnosis of low power motors 91563
Burtnyk, N. *see* Gagnon, E. 108459
Burton, A. *see* Balhan, B. 79967
Burton, A. *see* Twidell, J.W. 102574
Burton, B., Harley, R.G. Identification and control of induction motors using artificial neural networks with random weight change training 102701
Burton, B., Harley, R.G., Rodgerson, J.L., Levy, D.C. The practical development of a neural network induction motor drive controller 121925
Burton, B. *see* Kamran, F. 113749
Burton, D. *see* Kanamura, K. 121874
Burton, D.I. *see* Carley, D.R. 106024
Burton, G.R. *see* Attas, E.M. 102404
Burton, L. *see* Melson, D.L. 110896
Burton, M., Acton, S. Target tracking using the anisotropic diffusion pyramid 77428
Burton, R.S. Modelling AC/DC systems for the analysis of AC/DC interactions 80924
Burton, R.S. *see* Quan Bailu 81002
Burtsev, A.V., Senatsky, Yu.V., Feoktistov, L.P., Durmanov, S.T., Rudnitsky, Yu.V., Smirnov, G.V. Flashlamp pumped Yb-laser for an average-power operation 107181
Burtsev, A.V. *see* Senatskiy, Yu.V. 96159
Burtsev, S., Camassa, R. Nonadiabatic dynamics of dark solitons 107579
Burtsev, S., Kaup, D.J., Malomed, B.A. Optimum reshaping of an optical soliton by a nonlinear amplifier 65492
Burtsev, V.V. *see* Borisov, V.P. 65040
Bury, R., Pirot, J., Verbiest, W. Full service access network: join the world of networked multimedia 109195
Buryak, A. *see* Snyder, A.W. 76263
Buryak, A.V., Kivshar, Y.S., Sheppard, A.P., Parker, D.F. Dark bright vector solitons 76135
Buryak, I.A. *see* Bespalov, V.I. 120237
Buryi, E.V., Kosykh, A.E., Gruden, M.N., Vetrov, V.D. Spatial radiation characteristics of ILPI-111 high-power semiconductor laser arrays 116607

Buryi, E.V., Mitrofanov, A.L. Estimate of the fourth-order coherence function by a spatial convolution method and its potential applications in laser information systems 77340
Buryn, O.M. *see* Maloletov, S.M. 96818
Burzi, G. *see* Riccio, C. 119378
Burzio, M. *see* Bendelli, G. 78316
Burzynski, R. *see* Yue Zhang 84941
Busaba, F.Y. VHDL description of self-checking logic circuits 61538
Busaba, F.Y., Lala, P.K. A graph coloring based approach for self-checking logic circuit design 61774
Busatta, T.C. *see* Bastos, J.P.A. 96914
Busatto, G., Conte, A., Patti, A. Effects of metallization lay-out on turn-off failure of modern power bipolar transistors 115170
Busatto, G., Fioretto, O., Patti, A. Nondestructive testing of power MOSFET's failures during reverse recovery of drain-source diode 115183
Busatto, G., Fratelli, L. BMFET versus BJT in reverse bias safe operations 63620
Busatto, G., Fratelli, L., Patti, A. Advanced RBSOA analysis for advanced power BJTs 94926
Busatto, G. *see* Fratelli, L. 94937
Busboom, A., Schalkoff, R.J. Active stereo vision and direct surface parameter estimation: curve-to-curve image plane mappings 67164
Busboom, A., Schalkoff, R.J. Direct surface parameter estimation using structured light: A predictor-corrector based approach 77210
Busboom, A. *see* Elders-Boll, H. 118985
Busboom, A. *see* Schotten, H.D. 108815
Busby, I. *see* Fletcher, E.J. 99873
Busby, J.S., Barton, S.C. Predicting the cost of engineering: does intuition help or hinder? 103366
Buscaglia, V. *see* Delfrate, M.A. 92956
Busch, C. *see* Olsson, S. 110667
Busch, D. *see* Piel, H. 84861
Busch, E. *see* Reinhardt, K. 63353
Busch, G. *see* Schmitt, M. 109806
Busch, G.E. *see* MacKerrow, E.P. 109804
Busch, J. *see* Ridgway, R. 95782
Busch, J.F., Eto, J. Estimation of avoided costs for electric utility demand-side planning 91059
Busch, J.R. *see* Boiarski, A.A. 100154
Busch, M.T. *see* Popoli, R.F. 111413
Busch, P.A. *see* Greywall, D.S. 63972
Busch, R. *see* Giacalone, G. 73368
Busch, R.D., Spriggs, G.D., Williams, J.G. Application of a two-region kinetic model for reflected reactors to experimental data 81273
Busch-Vishniac, I. *see* Yi, J.H. 89469
Buschbom, R.L. *see* Wilson, B.W. 90621
Buschhorn, G. *see* Boegner, M. 110625
Buschick, K. *see* Ehrmann, O. 94146
Buschmann, F. *see* Valdna, V. 94351
Buschow, K.H.J. *see* Kapusta, C. 64218
Buschow, K.H.J. *see* Luo, H. 75135
Buschow, K.H.J. *see* Middleton, D.P. 64216
Buschow, K.H.J. *see* Yelon, W.B. 115547
Buschow, K.H.J. *see* Zhao, Z.G. 64184
Buschow, K.H.J. *see* Zhao, Z.G. 75136
Busco, B., De Marco, G., Marino, P., Mungiguerra, V., Porzio, M., Russo, F., Vasca, F. Flux observation and parameter estimation for induction motors in traction drives 122028
Buse, K., Van Stevendaal, U., Pankrath, R., Kratzig, E. Light-induced charge transport properties of $Sr_{0.61}Ba_{0.39}Nb_2O_6$:Ce crystals 95945
Buse, K. *see* Simon, M. 85251
Buseck, D., Kositsky, J., Vickers, R. Ultra-wideband impulse SAR for foliage and ground penetration 99646
Busen, R., Buck, A.L. A high-performance hygrometer for aircraft use: description, installation, and flight data 90770
Busen, R. *see* Roths, J. 70474
Busenitz, J. *see* Brinkley, B. 69784
Buser, R.A. Microsystem technology–a technology with a future. 3. Technologies 74878
Buser, R.A. *see* Greitmann, G. 84648
Buser, R.A. *see* Greitmann, G. 112165
Bush, A.A. *see* Volkov, A.Yu. 106679
Bush, D.W. High speed fiber optic networks 78841
Bush, G.G. *see* Chih-Huang Lai 75145
Bush, G.S. *see* Goyette, G. 66180
Bush, K. *see* Ganapathiraju, A. 108194
Bush, R. Strategic alliances in a changing world 121016
Bush, R. *see* Eby, M. 121809
Bush, W. *see* Baird, T. 68340
Bushallow-Wilbur, L., DeVinney, G., Whitcomb, F. Electronic mail reference service: a study 87640
Bushara, K.O., Petermann, G., Waclawik, A.J., Brown, W.D., Schutta, H.S. Sarcoidosis of the spinal cord with extensive vertebral involvement: a case report 80249
Bushell, S. ATM: ready, willing and able 117944
Bushlin, Y. *see* Kaplan, L. 119731
Bushman, S., Karjala, T.W., Himmelblau, D.M., Trachtenberg, I., Edgar, T.F. Modeling of plasma etch dynamics using linear and nonlinear models 63399
Bushnell, M.J., Ironmonger, S.N., Russell, T., Fiford, C.E., Vaughan, B.W., Bradley, M.E. The development of an object-oriented database for power system modelling 91022
Bushnell, M.J. *see* Ironmonger, S.N. 70630
Bushnell, M.L. *see* Gharaybeh, M.A. 93349
Bushnell, M.L. *see* Pappu, L. 93333
Bushnell, M.L. *see* Ramadoss, R. 93619
Bushnell, M.L. *see* Srinivas, M.K. 61776
Bushnell, M.L. *see* Xinghao Chen 61818
Bushnell, P.L. Color management and PhotoYCC 86598
Bushnin, Yu.B. *see* Antipov, Yu.M. 69794
Bushuev, V.V., Putilova, A.T., Samorodov, G.I. Superlong distance power transmission of the half-wave type 80981
Bushuyev, A. *see* Gorniker, E. 100510
Bushuyev, V.V. *see* Lizalek, N.N. 80760
Businaro, T.V., Consano, L. An in-vessel inspection system for the next step fusion machines 103475
Businger, S., Chiswell, S.R., Ulmer, W.C., Johnson, R. Balloons as a Lagrangian measurement platform for atmospheric research 80625
Businger, S. *see* Bevis, M. 76419
Buskirk, M.Van *see* Van Buskirk, M.
Buskirk, P.C.Van *see* Van Buskirk, P.C.
Busko, I.C. Stochastic relaxation as a tool for Bayesian modeling of astronomical images 77088
Buslov, O. *see* Vendik, I. 106733
Busmann, H.-G., Zimmermann-Edling, W. On the role of C_{70} in bias-induced nucleation of diamond 113483
Busnaina, A. *see* Gale, G. 114925
Buso, S. μ-synthesis of a robust voltage controller for a Buck-Boost converter 121634
Buss, C., Leisching, P., Cibert, J., Frey, R., Flytzanis, C. Giant photoinduced excitonic Faraday rotation in semimagnetic quantum wells 94563
Buss, D. *see* Rainer, R. 110668
Buss, J.R. *see* Ax, G.R., Jr 69269
Buss, R. *see* Cleland, J. 98866
Bussa, M.P., Fava, L., Ferrero, L., Grasso, A., Ivanov, V.V., Kisel, I.V., Konotopskaya, E.V., Pontecorvo, G.B. On a possible second-level trigger for the experiment DISTO [particle spectrometer] 69878
Bussa, M.P. *see* Dehning, B. 79949
Bussac, C. *see* Feugnet, G. 96194
Bussaka, H. *see* Higashida, Y. 110730
Busse, D., Erdman, J., Kerkman, R.J., Schlegel, D., Skibinski, G. System electrical parameters and their effects on bearing currents 71230
Busse, D., Erdman, J., Kerkman, R.J., Schlegel, D., Skibinski, G. The effects of PWM voltage source inverters on the mechanical performance of rolling bearings 71750
Busse, G. *see* Diener, L. 112999
Busse, I., Deffner, B., Schulzrinne, H. Dynamic QoS control of multimedia applications based on RTP 78221
Busse, L.E., Moon, J., Sanghera, J.S., Aggarwal, J.D. Mid-infrared power delivery through chalcogenide glass cladded optical fibers 106787
Busse, L.E. *see* Sanghera, A.S. 75500
Busserolle, P. *see* Crippa, C. 109505
Bussieck, M. On balanced edge connectivity and applications to some bottleneck augmentation problems in networks 60854
Bussjager, R., Osman, J., Qi Wang Song, Xu-Ming Wang Design of PLZT electro-optic beam steering device 116105
Bussjager, R. *see* Qi Wang Song 85092
Bussjager, R.J. *see* Battiato, J.M. 116157
Busso, E.P. Local crack extension criteria in highly constrained polymer layers 114853
Busso, E.P., George, I. Constrained plastic deformation of pressure sensitive polymers 113546
Busso, L. *see* Agnello, M. 110583
Bussolari, S.R., Bernays, D.J. Mode S data link applications for general aviation 70367
Bussolari, S.R. *see* Boisvert, R.E. 70573
Bussolari, S.R. *see* Chandra, D.C. 70372
Bussolari, S.R. *see* Lind, A.T. 70373
Bussoletti, E. *see* Mandolesi, N. 99703
Bussoletti, E. *see* Smoot, G.F. 99702
Bussy, E. Measuring electromagnetic radiation 111632
Busta, H.H., Pogemiller, J.E., Zimmerman, B.J., Mican, S.G., Nguyen, T., Zajac, G.W., Chang, R.P.H., Yee, A.L., Xiong, F., Rowe, W.A., Libman, P.C. Evaluation of different field-emitter structures and materials for their suitability in large-area displays using existing CRT phosphors 83755
Bustamante, L. *see* Nubla, A. 117104
Bustarret, E., Sauvain, E., Ligeon, M., Rosenbauer, M. Temperature-dependent photoluminescence in porous amorphous silicon 94272
Bustgens, B. *see* Maas, D. 74950
Bustillo, J.M. *see* Bradley, C.E. 106261
Bustince, H., Burillo, P. Vague sets are intuitionistic fuzzy sets 60862
Busurin, V.I. *see* Astahov, V.I. 100102
Busurin, V.N., Kozlov, V.N., Rassokhin, V.A., Shashikhin, V.N. The hierarchical approach to multimodal optimization of the power installation 121373
Buswell, P. Improving as we go along [water supply telemetry] 88941
Busygina, L.A. *see* Kamanin, A.V. 105557
But', A.I., Lyalikov, A.M. Visualisation of optical inhomogeneities in optical processing of a distorted image of a periodic structure by spatial filtering 67401
Butas, J. *see* Durackova, D. 67768
Butashin, A.V. *see* Kaminskii, A.A. 76154
Butashin, A.V. *see* Kaminskii, A.A. 116448
Butcher, G. *see* Qi, N. 112588
Butcher, J. *see* Mullins, M. 69048
Butcher, J.C. A history of Runge-Kutta methods 72661
Butcher, K.S.A. *see* Bing Zhou 104157
Butcher, K.S.A. *see* Lumpkin, N.E. 63098
Butcher, K.S.A. *see* Mo, L. 61178
Butcher, K.S.A. *see* Zhou, B. 61387
Butcher, P.N., McInnes, J.A. Wave function and conductance calculations for a quantum dot at resonant tunnelling peaks 105415
Butenko, L.N., Etsin, I.Sh. Laser instrument for straightness measurements 69500
Buti, T. *see* Sanchez, H. 73466
Butikina, N.A. *see* Balagurov, L.A. 83813
Butka, B.K. Designing a high-frequency current-controlled PWM inverter for loads with widely varying power factors 112552
Butker, E.K., Helton, D.J., Keller, J.W., Hughes, L.L., Crenshaw, T., Davis, L.W. A totally integrated simulation technique for three-field breast treatment using a CT simulator 120506
Butkovskii, O.Ya. *see* Anosov, O.L. 108238
Butkute, R. *see* Balevichius, S. 75379
Butkute, R. *see* Balevichius, S. 115973
Butler, C. *see* Capper, P. 94719
Butler, C. *see* Yang, Q. 100073
Butler, C. *see* Yicheng Lu 110196
Butler, C. *see* Zhang, K. 110195
Butler, C.M. *see* Wieting, T.J. 79676
Butler, C.T., Meredith, R.van.Z., Stogryn, A.P. Retrieving atmospheric temperature parameters from DMSP SSM/T-1 data with a neural network 70491
Butler, D. Requirements for batteries in remote-area power-supply systems based on technical modelling and field experience 111851
Butler, D.L., Cho, P.S., Chbat, M.W., Goldhar, J., Choa, F.-S., Burdge, G.L. Operation of a nonlinear optical loop mirror with orthogonally polarized waves in nonpolarization-preserving, single-mode fiber 65513
Butler, E.B. *see* Carol, M. 70199
Butler, E.B. *see* Woo, S.Y. 110885
Butler, F. *see* Asner, D. 90163
Butler, J. *see* McEvoy, H.C. 119524
Butler, J.F. *see* Doty, F.P. 101211
Butler, J.F. *see* Macri, J.R. 80155
Butler, J.F. *see* Macri, J.R. 101024
Butler, J.K. *see* Liu, J. 93730
Butler, J.M., Wharton, C.B. Twin traveling-wave tube amplifiers driven by a relativistic backward-wave oscillator 105073
Butler, J.R. *see* Gaddis, N.B. 73429
Butler, N., Blackwell, R., Murphy, R., Silva, R., Marshall, C. Low cost uncooled microbolometer imaging system for dual use 69300
Butler, P. *see* Zlotnick, F. 61749
Butler, P.A. *see* Lhersonneau, G. 80145
Butler, S., Parkes, A.P. Filmic space-time diagrams for video structure representation 86623
Butler, S.J., Goss, H.H., Lapatovich, W.P. Microwave power spectral density and its effects on exciting electrodeless high intensity discharge lamps 71880
Butler, S.W. *see* Barna, G.G. 63392
Butler, S.W. *see* Meyyapan, M. *(editor)* 60346
Butner, S.E. Control structure of a 4×4 by 40 Gbit/sec ATM switch 109301
Butov, V.I. *see* Mikhaylov, P.G. 89010
Butow, R. Beware of under- or overspecifying your next sensor 119686
Butscher, B., Moeller, E., Pusch, H. *(editors)* Interactive Distributed Multimedia Systems and Services. European Workshop IDMS '96. Proceedings 72062
Butsev, S.V. Algorithms for the operation of an adaptive optical phase conjugation system 107588
Butson, M.J., Rozenfeld, A., Mathur, J.N., Carolan, M., Wong, T.P.Y., Metcalfe, P.E. A new radiotherapy surface dose detector: the MOSFET 80511
Butt, G. *see* Parks, M.A.N. 85860
Buttafava, A. *see* Banford, H.M. 115435
Buttar, C. *see* Bates, R.L. 120142
Buttar, C.M. *see* Manolopoulos, S. 120152
Buttar, C.M. *see* Sellin, P.J. 120143
Buttard, D., Bellet, D., Baumbach, T. X-ray diffraction investigation of porous silicon superlattices 94517
Buttard, D., Bellet, D., Dolino, G. X-ray-diffraction investigation of the anodic oxidation of porous silicon 74566
Butteris, J. *see* Jaffery, T.S. 100462
Butters, D. Gates Rubber stretches around the world 108989
Butterweck, H.J. Basic principles of passive radio identification 88707
Butterweck, H.J. *see* Van den Bulck, P. 96778
Butterwick, N.B., Cantley, I., Kennedy, J. CAIN–conflict archive on the Internet 67810
Butterworth, S.D., Clarkson, W.A., Moore, N., Friel, G.J., Hanna, D.C. High-power quasi-CW laser pulses via high-gain diode-pumped bulk amplifiers 107220
Butterworth, S.D., Pruneri, V., Hanna, D.C. Optical parametric oscillation in periodically poled lithium

niobate based on continuous-wave synchronous pumping at 1.047 µm 107608
Butterworth, S.D. *see* Pruneri, V. 96674
Buttery, S. *see* Merrett, R.P. 99376
Buttgenbach, S. Spotlights on recent developments in microsystem technology 115381
Buttgenbach, S., Than, O. SUZANA: a 3D CAD tool for anisotropically etched silicon microstructures 74883
Butti, A. *see* Bertocchi, M. 72536
Buttiker, M. Dynamic conductance and quantum noise in mesoscopic conductors 114743
Buttler, W. *see* Masek, J. 110153
Buttler, W. *see* Paglino, C. 69234
Buttler, W. *see* Zogg, H. 69274
Buttner, D., Ramge, U. Producing rather than inspection of quality. Introducing self-inspection techniques throughout the production process 92290
Button, C. *see* Barnham, K. 102982
Button, C. *see* Tsui, E. 116236
Button, C.C. *see* Kowalski, O.P. 72754
Button, J., Calderhead, K., Goetz, I., Hodges, M., Patient, R., Pilkington, R., Reeve, R., Tattersall, P. Mobile network design and optimisation 99375
Button, L.J. *see* Newhouse, M.A. 68398
Button, T.M. *see* Dilmanian, F.A. 90434
Button, T.W., Smith, P.A., Dolman, G., Meggs, C., Remillard, S.K., Hedge, J.D., Penn, S.J., Alford, N.M. Properties and applications of thick film high temperature superconductors 95394
Button, T.W. *see* Lacey, D. 66046
Button, T.W. *see* Phillips, W.A. 62304
Button, T.W. *see* Smith, P.A. 62163
Butturi, M.A. *see* Benati, A. 121897
Butturri, M.A. *see* Adegboyega, G.A. 105127
Butyrin, P.A., Alpatov, M.E. Diagnostics of power transformers under load 102798
Butyrin, P.A., Chin Hung Lyan Electrical machine state equation matrix spectra 71226
Butz, B.P. Who cares about lifelong learning? 92083
Butz, R., Boden, K., Briell, W., Raebiger, J., Rubner, W. A wafer manipulator for Si-molecular beam epitaxy totally based on magnetic bearings 92689
Butz, T. *see* Krause, H. 94682
Butzke, S. *see* Werner, K. 103923
Butzmuhlen, C. *see* Kugler, D. 79030
Butzmuhlen, C. *see* Kugler, D. 88777
Buuren, T.van *see* van Buuren, T.
Buvat, I. *see* Bartlett, M.L. 90293
Buvat, I. *see* Pelegrini, M. 80225
Buxin Zhang *see* Zhang Buxin
Buxloh, K.S. *see* Hettstedt, H.-D. 99318
Buxton, B., Cipolla, R. *(editors)* Computer Vision - ECCV '96. 4th Eurpean Conference on Computer Proceedings 60353
Buxton, D. *see* Nuyts, J. 90313
Buxton, H. *see* Howarth, R. 67295
Buxton, H. *see* Howell, A.J. 117898
Buxton, H. *see* Psarrou, A. 66961
Buxton, W.E. Upgrade of the controls for the Brookhaven Linac 89934
Buyanov, A. *see* Ferreira, A.C. 62963
Buyanov, A.V., Holtz, P.O., Chen, W.M., Monemar, B., Anderson, T.G., Thordson, J. The ordered-disordered transition in Si delta-doped GaAs 74258
Buyanov, A.V. *see* Chen, W.M. 105582
Buyanov, A.V. *see* Ferreira, A.C. 105400
Buyanov, A.V. *see* Soderstrom, E. 62948
Buyanova, I.A., Chen, W.M., Henry, A., Ni, W.-X., Hansson, G.V., Monemar, B. Optical properties of boron modulation-doped SiGe quantum wells and Si thin films 62959
Buyanova, I.A., Gorodetskii, I.Ya., Korsunskaya, N.E., Savchuk, A.U., Sheinkman, M.K., Mel'nik, T.N., Rarenko, I.M. Sensitized luminescence of porous silicon and its polarization characteristics 116214
Buyanova, I.A. *see* Chen, W.M. 105582
Buyk, O.J.A. *see* Huisman, F.R.J. 84301
Buykin, O.G. *see* Makashev, N.K. 107667
BuyngKwen Song Design of a group transport protocol for distributed multimedia applications 77758
Buys, A. RICH in operating experiments 69707
Buys, A. *see* Adam, W. 69709
Buys, A. *see* Adam, W. 69732
Buys, A. *see* Apeldoorn, G. 69713
Buyse, H. *see* Fu, Y. 121973
Buyse, H. *see* Robyns, B. 112013
Buytaert, S. *see* Donnay, S. 62061
Buyukaksoy, A., Birbir, F., Erdogan, E. Scattering characteristics of a groove in an impedance plane 65801
Buyukaksoy, A. *see* Birbir, F. 97022
Buyukaksoy, A. *see* Sapmaz, S. 76405
Buyuklieva, S., Yorgov, V. Singly-even self-dual codes of length 40 117246
Buz, R. Information theoretic limits on communication over multipath fading channels 66186
Buze, A. Chokes for power electronic circuits. Design and construction [traction power systems] 112494
Buze, A., Krawczyk, A. Properties of coiled core made of cold rolled sheets with frequency up to 2000 Hz 75275
Buzelis, R., Dement'ev, A., Kosenko, E., Murauskas, E., Ciegis, R., Kairyte, G. Numerical analysis and experimental investigation of beam quality of SBS-compressor with multipass Nd:YAG amplifier 107439
Buzuloiu, V., Malciu, M., Popescu, V.G., Vertan, C. Optimal recovery of signal parameters from a few samples: one- and two-dimensional applications 87200
Buzulutskov, A., Breskin, A., Chechik, R. Photoemission from CsI/LiF and CsI/NaF films, enhanced by exposure to water vapour 62649
Buzulutskov, A., Breskin, A., Chechik, R., Va'vra, J. Study of photocathode protection with thin dielectric films 62560
Buzulutskov, A. *see* Breskin, A. 94209
Buzulutskov, A. *see* Di Mauro, A. 62558
Buzykin, O.G. *see* Makashev, N.K. 107668
Buzzi, S., Conte, E., Lops, M. Optimum detection of Gaussian signals in non-Gaussian noise 66640
Byars, L. *see* Sibomana, M. 101243
Bybee, C.R. *see* Schmid, G.J. 120215
Bychkov, A.A., Pon'kin, V.A. A matrix model of the process of spatial image quantization for estimating information potentials of observation systems 108675
Bychkov, E.V. *see* Tumanov, I.M. 71529
Bychkov, M.I. *see* Burkhanov, G.A. 115902
Bychkov, Ye.V. *see* Tumanov, I.M. 71401
Bychkova, E.V., Prudnikova, Yu.I. Modern non-Russian frequency converters 102860
Bychkova, L.P., Davarashvili, O.I. Influence of contact layers on the thermal properties of PbSe/PbSnSeTe lasers 65337
Byeong Chul An *see* Byung Kyun Kim 109390
Byeong Gi Lee *see* Jeong Gyu Lee 78292
Byeong Gi Lee *see* Sang-Jun Moon 78186
Byeong Gi Lee *see* Seok Chang Kim 66524
Byeong Kwon Ju *see* Chang Gi Ko 114513
Byeong Kwon Ju *see* Hoi Hwan Chung 84240
Byeong Park Hark *see* Hark Byeong Park
Byeong Yeon Moon *see* Jae Ho Yoo 104120
Byeong Yeon Moon *see* Kyung Ha Lee 92904
Byeong Yeon Moon *see* Sung Ki Kim 92844
Byeong-Chan Kim, Young-Jin Song, Hong-Seok Kim, Jae Jeong Kim Influence of shape of the illumination aperture on the intrafield image displacement 84249
Byeong-Chul Ahn, Yong-Wan Park, An-Na Choi, Seung-Moon Ryu System characteristics of CDMA-based PCS 68295
Byeong-Chul Ahn *see* Yong-Wan Park 78438
Byeong-Kwon Ju *see* Heung-Woo Park 114512
Byeong-Seok Shin, Kyoung-Su Oh, Pok-Mo Ku, Yeong Gil Shin An efficient algorithm for three-dimensional model reconstruction 86692
Byeong-Soo Bae *see* Zhong-Tao Jiang 115101
Byeongdo Kang, Kicheol Jeon, Young-Kee Song, Hyeong Ho Lee A functional decomposition modeling for switching software 117977
Byeongnam Yoon *see* Hangseop Lee 97614
Byer, N. *see* Sowers, J. 97367
Byer, N.E. *see* Gill, D.M. 84467
Byer, R.I. *see* Myers, L.E. 65443
Byer, R.L. *see* Bosenberg, W.R. 65498
Byer, R.L. *see* Bosenberg, W.R. 107607
Byer, R.L. *see* Huang, Y.C. 110470
Byer, R.L. *see* Huang, Y.C. 119970
Byer, R.L. *see* Miller, G.D. 96682
Byer, R.L. *see* Myers, L.E. 96692
Byer, R.L. *see* Sanders, S. 65502
Byer, R.L. *see* Taira, T. 116436
Byer, R.L. *see* Yenchieh Huang 69602
Byers, D.L., Hilgenberg, C.S., Rhodes, D.M. Evaluation of interactive television continuing education programs for health-care professionals 68872
Byers, J., Petersen, J., Sturtevant, J. Calibration of chemically amplified resist models 105769
Byers, J.D. *see* Petersen, J.S. 105770
Byers, J.M. *see* Horwitz, J.S. 106479
Byfield, M.P., May, L.P. Olfactory sensor array systems: the electronic nose 79312
Bykhovskaia, M., Worden, M.K., Hackett, J.T. An algorithm for high-resolution detection of postsynaptic quantal events in extracellular records 90506
Bykhovski, A.D., Shur, M.S. Surface reconstruction of zinc-blende GaN 114633
Bykov, A.A., Kvon, Z.D., Ol'shantetskii, E.B., Litvin, L.V., Moshchenko, S.P. Quasiperiodic magnetoresistance oscillations in narrow quasiballistic wire in the quantum Hall regime 105334
Bykov, A.A., Litvin, L.V., Moshchenko, S.P. Coherent properties of in-plane gated InGaAs/AlGaAs submicron rings 105293
Bykov, V., Kavin, A., Krivchenkov, Y., Panin, A. Numerical study of the elastic-plastic cyclic deformation of the "GLOBUS-M" compact tokamak central solenoid 96995
Bykov, V.A. *see* Gusev, V.K. 107815
Bykov, V.P., Prokhorov, A.M., Turin, V.O., Chin, S.L. Electronic wave packets in vacuum photodetectors and the possibility of observing them 69192
Bykovsky, A.Yu. *see* Arestova, M.L. 75640
Bykow, A.W. *see* Suzuki, H. 90942
Bylsma, R.B. *see* Ackerman, D.A. 68907
Bylsma, R.B. *see* Kojima, K. 88635
Byne, J.H.M., M-Rouhani, B., Anderson, J.A.D.W. CAD-based vision in a robotic workcell environment 97953
Byng, J.W., Boyd, N.F., Fishell, E., Jong, R.A., Yaffe, M.J. Automated analysis of mammographic densities 69957
Byon, K.S. *see* Hong, S.I. 119105
Byoung Goo Min *see* Won Woo Choi 70236
Byoung Sil Chon *see* Dae Ik Kim 61646
Byoung Sun Lee *see* DongGill Lee 77837
Byoung Taek Lee, Ho Chul Kim Prediction of electromagnetic properties of MnZn ferrite-silicone rubber composites in wide frequency range 84807
Byoung Wan Kim *see* Hong Seong Chang 78501
Byoung Wan Kim *see* Hong Seong Chang 118878
Byoung Yoon Cheon *see* Moung Ho Lee 88032
Byoung Yoon Kim *see* Bong Kyu Kim 100063
Byoung Yoon Kim *see* Ho Jin Jeong 69211
Byoung Yoon Kim *see* Hyo Sang Kim 75843
Byoung Yoon Kim *see* Hyo Sang Kim 96147
Byoung Yoon Kim *see* Jin Sik Park 100066
Byoung Yoon Kim *see* Min-Yong Leon 65101
Byoung Yoon Kim *see* Seok Hyun Yun 75625
Byoung-Chan Ahn *see* Han-Soo Kim 85043
Byoung-Chul Shin, Jeong-Rock Kwon Ultrasonic transducers for continuous-cast billets 80685
Byoung-Gon Yu, Kwang-Ho Kim, Kyung-Soo Suh, Jong Tae Baek Characteristics of SiOF films formed by remote plasma enhanced chemical vapor deposition with SF_6 gas 82724
Byoung-Gon Yu *see* Byung-Tak Jang 83556
Byoung-Gon Yu *see* Kwang-Ho Kim 105493
Byoung-Ho Kang *see* Maeng-Sub Cho 87067
Byoung-June Kim *see* Sang-Hyeo Lee 92834
Byoung-Kuk Lee, Sang-Bong Yoo, Bum-Seok Suh, Dong-Seok Hyun A new Class-D voltage source series-loaded resonant inverter topology considering stray inductance influences 82001
Byoung-Moon Chin *see* Cavalli, A.R. 77723
Byoung-Soo Chang *see* Gyudong Kim 73515
Byoung-Woo Lee *see* Whajoon Cho 87771
Byoung-Yoon Lee *see* Suk-Won Min 81105
Byoungchoo Park, Sang Young Eom, Seong-Woo Suh, Moojong Lim, Won-Kyu Lee, Sin-Doo Lee Relaxation dynamics of nonlinear optical chromophores dispersed in poled photo-polymer composites 76158
Byoungho Lee, Sung-Wook Min Beam cone analysis and its applications for the beams obliquely input to dielectric boundaries 106782
Byrd, H., Suponeva, E.P., Bocarsly, A.B., Thompson, M.E. Photocurrent generation in metal bisphosphonate multilayer thin films 102971
Byrd, J. *see* Barry, W. 100524
Byrd, J. *see* Barry, W. 100607
Byrd, J. *see* Heifets, S. 89624
Byrd, J. *see* Raubenheimer, T. 89853
Byrd, J. *see* Raubenheimer, T.O. 89662
Byrd, J. *see* Teytelman, D. 100523
Byrd, J.L. *see* Salmon, J.T. 85552
Byrd, J.M. Simulations of the PEP-II transverse coupled-bunch feedback system 100608
Byrd, J.M., Corlett, J. Spectral characterization of longitudinal coupled bunch instabilities at the Advanced Light Source 79897
Byrd, J.M., Corlett, J.N., Renner, T. Single bunch collective effects in the ALS 100530
Byrjukov, V.A. *see* Proklov, V.V. 95887
Byrne, B., Yan, Y. Detector stabilization for continuous, high-precision radiation attenuation measurements 69780
Byrne, B. *see* Mennell, J. 69569
Byrne, B.A. SAMSON and the management of SESAME 108935
Byrne, C.L. Block-iterative methods for image reconstruction from projections 67091
Byrne, C.L. *see* Pan, T.-S. 101167
Byrne, D.A., Gordon, A.L., Haxby, W.F. Agulhas eddies: a synoptic view using Geosat ERM data 111246
Byrne, J., Bo Shen, Xiuguo Li The challenge of sustainability: balancing China's energy, economic and environmental goals 81201
Byrne, J.J., Holmes, R.D. Decommissioning of the Saxton Nuclear Experimental Corporation facility 81237
Byrne, M. *see* Decker, F.-J. 100691
Byrne, M.J., Graham, J. Application of model based image interpretation methods to diabetic neuropathy 70025
Bystritsky, V.M., Zhuravlev, N.I., Merzlyakov, S.I., Sidorov, V.T., Stolupin, V.A., Strelkov, A.V., Shvetsov, V.N. Setup to investigate rare neutron producing processes 90137
Bystron, K. *see* Bausch, A. 101790
Byun, J.-M., Thomopoulos, S.C.A. A novel beamformer approach to direction-finding problem 117355
Byun, J.W. Survey of commercially available ATM switches 78285
Byun, S.J., Kwon, S.J., Kim, G.B., Baik, H.K. Ultra shallow p^+n junction formation using the boron diffusion from epi-Co silicide 114715
Byun, S.W., Song, J.W. Interaction force analysis by peak value tracking in optical soliton transmission system 116726
Byun, Y.T. *see* Jo, W. 95716
Byun Jae Oh *see* Jae Oh Byun
Byun Jae Seong *see* Jae Seong Byun
Byun Jeong Soo *see* Jeong Soo Byun
Byun Jong-Eun *see* Jong-Eun Byun

Byun Kyun Kim, Hyung Jin Choi A method for optimal power assignment of the transponder input carriers 78604
Byun Young *see* Young Byun
Byun Young Hee *see* Young Hee Byun
Byun Young-Bok *see* Young-Bok Byun
Byung Chul Park *see* Kim, P. 97643
Byung Chul Park *see* Tae Gyu Kim 67867
Byung Chun Jeon, Mi Sun Do, Sun Moo Kang, Young Sun Kim Performance evaluation of shared buffer ATM switch on a LAN environment: A simulation study 78293
Byung Chun Jeon, Mi Sun Do, Young Sun Kim The behavior of a shared buffer ATM switch in a LAN environment 98720
Byung Don Min, Sung Min Hwang, Chang-Sik Son, Seong-Il Kim, Moo-Sung Kim, Eun Kyu Kim, Suk-Ki Min, Mann Jang Park Carbon doping of GaAs epilayers grown by metalorganic chemical vapor deposition on various GaAs substrate orientations 84106
Byung Don Min *see* Chang-Sik Son 83862
Byung Don Min *see* Chang-Sik Son 105158
Byung Doo Choe *see* Sang Koo Park 105344
Byung Gook Park *see* Chun Gyoo Lee 83738
Byung Gook Park *see* Yeon-Cheol Heo 105642
Byung Hoon Kang *see* Myung Cheol Joe 62644
Byung Hyug Roh, Yun Hee Cho, Yu Gyun Shin, Chang Gi Hong, Sang Dong Gwun, Kang Yun Lee, Ho Gyu Kang, Ki Nam Kim, Jong Woo Park Easily manufacturable shallow trench isolation for gigabit dynamic random access memory 113942
Byung K. Park *see* Sung J. Jang 95002
Byung Kwon Song *see* Myung Soo Han 92749
Byung Kwon Song *see* Myung Soo Han 104014
Byung Kyun Kim, Geun Dae Kim, Sin Jae Kim, Byeong Chul An, Hyung Jin Choi Reverse link performance evaluation with sync-CDMA in PCS environment 109390
Byung Man Kwak *see* Changyeol Lee 74962
Byung Park Eon *see* Eon Byung Park
Byung Ro Moon *see* Thang Nguyen Bui 92481
Byung Roh Rhee *see* Kwang Bae Lee 64166
Byung Seong Bae *see* Chi-Sun Hwang 94988
Byung Seong Bae *see* Jin-Won Kim 84383
Byung Soo Lee *see* Gue Myung Lee 103678
Byung Sun Choi *see* Hyun Duk Cho 77511
Byung Sun Park *see* Doh Hoon Kim 84265
Byung Sung Kim *see* Joo-Wan Kim 85975
Byung Tae Ahn *see* Gil Yong Chung 91754
Byung Tae Chun, Jung Soh Efficient vehicle counting using a restricted search region 108668
Byung Teak Lee *see* Hong Seub Kim 82703
Byung Uk Choi *see* Choi Byung Uk
Byung Wook Kim *see* Joong Sung Chung 104791
Byung-Chill Woo *see* Po-Gyu Park 85811
Byung-Chul An *see* Hyeng-Hwan Chong 101776
Byung-Do Yoon, Choon-Sam Kim, Byung-Song Lee, Chan-Ki Kim Improved driving characteristics of PMSM with field-weakening region based on DSP 81413
Byung-Do Yoon, Yoon-Ho Kim, Chun-Sam Kim, Chan-Ki Kim, Jae Hyeok Han Robust speed control of induction motor considering modelling-error and measurement noise 112456
Byung-Do Yoon *see* Eun-Soo Kim 121625
Byung-Don *see* Seong-Il Kim 92697
Byung-Doo Choe *see* Il-Jong Kim 74346
Byung-Eul Jun, Dong-Jo Park Performance analysis of novel steepest descent algorithms for adaptive filters 97732
Byung-gi Kim *see* Moonho Lee 77674
Byung-Gi Kim *see* Moonho Lee 98388
Byung-Gi Kim *see* Moonho Lee 118893
Byung-Gook Lee, Ki Yong Lee, Souguil Ann An adaptive filtering method for speech parameter enhancement 117290
Byung-Ha Lee *see* Hak-Guhn Han 101916
Byung-Ha Lee *see* Kwang-Myoung Son 101777
Byung-Hoon Suh *see* Tae-Sung Jung 73344
Byung-Hyuk Min, Cheol-Min Park, Min-Koo Han Electrical characteristics of polysilicon thin film transistors with PNP gate 84442
Byung-il Choi *see* Shin Cho 98541
Byung-Jin Cho *see* Jae-Geun Oh 105243
Byung-Kon Choi *see* Young-Hyun Moon 101727
Byung-Kyu Choi, Hwang-Nam Kim A trial networking for VOD 118621
Byung-Moon Han Dynamic voltage restorer for critical load 80886
Byung-Nam Yoon *see* Sun-Moo Kang 87865
Byung-Sik Moon *see* Jei-Hwan Yoo 73371
Byung-Song Lee *see* Byung-Do Yoon 81413
Byung-Soo Cho *see* Chae-Joo Moon 111777
Byung-Soo Min *see* Sang-Hoon Lee 89753
Byung-Sung Kim, Sangwook Nam An iterative parasitic extraction method for HEMT 95073
Byung-Sup Kwon *see* Seung-Kwon Paek 109931
Byung-Taik Kim *see* Hong Kyu Lee 110629
Byung-Tak Jang, Seon-Young Cha, Seung-Hoon Lee, Dong-Wha Kwak, Hee Chul Lee, Byoung-Gon Yu, Jong-Tae Baek, Hyung-Joun Yu Microwave measurement of $Ba_{0.7}Sr_{0.3}TiO_3$ thin film capacitors 83556
Byung-Teak Lee, Dong-Keun Kim, Ju-Heon Ahn Observation of oxide films on CH_4/H_2 reactive ion etch processed InP mesa sidewalls and surfaces 114938
Byung-Teak Lee *see* Chongdae Park 116526
Byung-Teak Lee *see* Han-Soo Kim 85043
Byung-Teak Lee *see* Joo-Heon Ahn 96421
Byung-Uk Lee *see* Gi Hun Lee 66257
Byung-Uk Lee *see* Jong-il Kim 88874
Byung-Wook Choi *see* Postlethwaite, I. 80578
Byung-Yong Yu *see* Junbiao Peng 106986
Byungdo Ko *see* HyeongJu Kim 118508
Byunggi Kim *see* Jongchan Lee 118871
Byungjiang Jeong *see* Jongkwan Song 66799
Byungjoon Kim, Bishu, R.R. On assessing operator response time in human reliability analysis (HRA) using a possibilistic fuzzy regression model 71042
Byungmun Kim *see* Keeman Kim 79771
Byungryong Kang, Chimoon Han, Chu-Hwan Yim An adaptive framework for forecasting demand and technological substitution 92127
Byungryong Kang, Hojoong Kim, Chimoon Han, Chuhwan Yim A demand-based model for forecasting innovation diffusion 72393
Byungryong Kang, Sungyeol Kang, Chimoon Han, Chuhwan Yim Demand forecast and technologies development on ATM switching systems in Korea 88042
Byungsoo Chang, Joonbae Park, Wonchan Kim A 1.2 GHz CMOS dual-modulus prescaler using new dynamic D-type flip-flops 61814
Bywater, J.A. *see* Luppov, V.G. 120085
Byzery, B. *see* Guttich, U. 88235
Bzenic, S.A., Manola, S.S., Petrovic, Z.L. The influence of frequency on the efficiency of dissociation of freons by microwave discharges 104992

C, O.F.Vanegas *see* Vanegas C, O.F.
C. Lasprilla A, M.del *see* del C. Lasprilla A, M.
C. Liew Soung *see* Soung C. Liew
C. Tzuang Ching-Kuang *see* Ching-Kuang C. Tzuang
Caballero, C. Transmission structures pull double duty 121198
Caballero, J.A. *see* Ren, F. 84156
Caballero, J.E. *see* Badenes, J. 66092
Caballero, P., Sedeno, A., Fuster, A. COTA: an algorithm to compute the unpredictability of some binary sequences with cryptographic application 86053
Caballero, R., Rey, L., Ruiz, F. Determination of satisfying and efficient solutions in convex multiobjective programming 60903
Cabanski, W. *see* Kapser, K. 69175
Cabarrocas, B.Roca i *see* Roca i Cabarrocas, B.
Cabarrocas, P.Roca i *see* Roca i Cabarrocas, P.
Cabay, S., Jones, A.R., Labahn, G. Computation of numerical Pade-Hermite and simultaneous Pade systems. I. Near inversion of generalized Sylvester matrices 61015
Cabay, S., Jones, A.R., Labahn, G. Computation of numerical Pade-Hermite and simultaneous Pade systems.II. A weakly stable algorithm 61016
Cabello, D. *see* Pardo, J.M. 90286
Cabellos, O. *see* Aragones, J.M. 121310
Cabestany, J. *see* Madrenas, J. 104770
Cabibbo, M. *see* Cardella, G. 110599
Cable, D. *see* Friedman, A. 89692
Cabral, C., Jr. *see* Clevenger, L.A. 74635
Cabral, C., Jr. *see* Hu, C.-K. 63479
Cabral, E. *see* Carlosena, A. 104675
Cabral, E.F., Jr, Teruya, M.Y., Soria, R.A.B. Using MLPs for fault analysis in analog circuits 93039
Cabral, F.A.O., Gama, S., de Morais, E., Sanjurjo, N.L., Rubeiro, C.A., Colucci, C.C. Study of thermal decomposition mechanism of the $Fe_{17}Sm_2N_3$ phase 115503
Cabral, F.A.O. *see* Gama, S. 75103
Cabral, H.A., de Rocha, V.C., Jr. Linear code construction for the 2-user binary adder channel 66493
Cabral, J.E., Jr., Yongmin Kim Multimedia systems for telemedicine and their communications requirements 90668
Cabre, R., Gavalda, J., Sole, R., Ruiz, X., Aguilo, M., Diaz, F., Martinez, E. $YBa_2Cu_3O_{6+x}$ and Y_2BaCuO_5 composites obtained by the partial melting zone method 75308
Cabreira, C.M., Finardi, C.A., de Almeida, A.M., Barnet, M. A 622.08 MHz narrow bandwidth SAW filter for clock recovery 93549
Cabreira, C.M. *see* Balashov, S.M. 93548
Cabreira, M.F.R.R. *see* Bastos, J.P.A. 102721
Cabrera, A. *see* Thompson, C. 112794
Cabrera, B., Brink, P.L., Chugg, B., Dougherty, B.L., Irwin, K.D., Nam, S.W., Lee, A.T., Pronko, J.G., Tamura, S., Young, B.A. Advances in Stanford phonon-mediated elementary particle detectors 100819
Cabrera, B. *see* Lee, A.T. 100904
Cabrera, B. *see* Lee, A.T. 106701
Cabrera, B. *see* Penn, M.J. 79997
Cabrera, I., Martinez, L. TMN-based access network management: architecture and information model aspects 118656
Cabrera, J., Meer, P. Unbiased estimation of ellipses by bootstrapping 97887
Cabrera, R. *see* Zedel, L. 88733
Cabrera, S.D. *see* Gallegos, J.M. 73849
Cabrera, S.D. *see* Rodriguez, E. 99624
Cabrita, C.P. *see* Goncalves, J.G. 71351
Cabrol, O. *see* Gerard, J.M. 63082
Cabrol, O. *see* Gerard, J.M. 72844
Cabrol, O. *see* Gerard, J.M. 75735
Cabuz, C., Fukatsu, K., Kurabayashi, T., Minami, K., Esashi, M. A new theory on stress evolution in p^+ silicon [microstructures] 63984
Caccavale, F., Gonella, F., Caneva, G., Mansour, I. Iterative simplex-finite difference method for the characterization of optical waveguides 95755
Caccavale, F. *see* Gonella, F. 75555
Cacciani, A., Moretti, P.F., Smith, E.J. Evaluation of a portable and inexpensive MOF unit for Doppler imaging [of the Sun] 64830
Cacciari, M., Contin, A., Rabach, G., Padovan, W., Montanari, G.C. Probability functions for the analysis of results of electric strength tests performed on solid insulation materials 84698
Cacciari, M., Montanari, G.C., Barry, C.P. Thermal endurance of electrical insulating materials studied by the use of the Kalman filter 64022
Cacciato, A., Camalleri, C.M., Franco, G., Raineri, V., Coffa, S. Efficiency and thermal stability of Pt gettering in crystalline Si 114883
Cacciatore, C. *see* Faustini, L. 106851
Cacciatore, C. *see* Rigo, C. 61268
Cacciatore, C. *see* Rigo, C. 103951
Cachafeiro, A., Suarez, C. Kernels on the unit circle. Orthogonality 92605
Cachard, A. *see* Pommier, J.C. 64093
Cacharelis, P., Hoffstetter, D., Schmidt, S., Nilles, J., Gough, J., Smillie, J. A 0.8 μm CMOS, double polysilicon EEPROM technology module optimized for minimum wafer cost 63917
Cachoncinlle, C. *see* Pouvesle, J.M. 101008
Cacialli, F., Marks, R.N., Friend, R.H., Zamboni, R., Taliani, C., Moratti, S.C., Holmes, A.B. Electrical and luminescent properties of double-layer oligomeric/polymeric light-emitting diodes 75759
Cacialli, F. *see* Baigent, D.R. 64982
Cacialli, F. *see* Grimsdale, A.C. 75702
Cacialli, F. *see* Gruener, J. 75701
Cacialli, F. *see* Halls, J.J.M. 96024
Caciotta, M., Carbone, P. Estimation of non-stationary sinewave amplitude via competitive Kalman filtering 108351
Cacopardi, S., Frescura, F., Gatti, F., Reali, G. Channel estimation for an indoor wireless DS-CDMA system using measured channel delay profiles 97120
Cacopardi, S., Frescura, F., Gatti, F., Reali, G. Channel estimation and tracking of an indoor orthogonal multicarrier DS-CDMA system using measured channel delay profiles 118770
Cacopardi, S., Frescura, F., Reali, G. Performance comparison of orthogonal multicarrier DS-CDMA systems in frequency selective slow-fading channels 88312
Cacopardi, S. *see* Gatti, F. 78414
Cacter-Coman, C., Brown, A.S., Bicknell-Tassius, R., Jokerst, N.M., Allen, M. Strain-modulated epitaxy: A flexible approach to 3-D band structure engineering without surface patterning 82602
Cada, M., He, J. Optical clock extraction and self-routing using a semiconductor nonlinear multilayer structure 114748
Cada, M. *see* Zhou, J. 65217
Caddemi, A., Di Prima, F., Sannino, M. Performance of the optimum noise source reflection coefficient (Γ_0) vs. temperature in microwave HEMTs by model analysis 62256
Caddemi, A., Livreri, P., Sannino, M. Temperature dependence of PHEMT-based LNA's trade-off performance from scattering parameters and noise figure measurements 73761
Caddemi, A., Livreri, P., Sannino, M. Trade-off performance properties of pHEMT-based LNAs vs. temperature for VSAT applications 99436
Caddemi, A., Sannino, M. Low-power PSA transistors for microwave communication systems: comparison among bias-dependent models extracted from measured noise and scattering parameters 83413
Caddemi, A., Sannino, M. Typical aspects of the microwave noise performance of HEMTs at decreasing temperatures 95047
Caddemi, A., Sannino, M. On the performance of the noise parameters of HEMT's vs. temperature at microwave frequencies 114297
Caddemi, A., Sannino, M., Sclafani, C. Noise and gain performance of PSA transistor series for personal communication systems vs. emitter number and operating conditions 114276
Cade, J.F. *see* Xu, Z.M. 70168
Cadeddu, R., Cavazzoni, C., Giorgi, M., Manzalini, A. Multi-wavelength optical transport networks 99514
Cadeddu, R. *see* Jingyu Zhou 78923
Cadenhead, J. *see* Mautz, K. 63445
Cadieu, F.J. *see* Hegde, H. 75279
Cadieu, F.J. *see* Levy, M. 75568
Cadieu, F.J. *see* Qian, X.R. 64223
Cadieu, F.J. *see* Samarasekara, P. 64335
Cadogan, J.M. Mossbauer spectroscopy and rare-earth permanent magnets 106508
Cadogan, J.M. *see* Bo-Ping Hu 75087
Cadogan, J.M. *see* Hong-Shuo Li 64239
Cadogan, J.M. *see* Ryan, D.H. 75104
Cadogan, S.A. *see* Mulholland, J.E. 88604

Cadorette, J. *see* Lecomte, R. 90351
Cadorette, J. *see* Lecomte, R. 90426
Cadorette, J. *see* Yao, R. 101102
Cadot, B. *see* Calvet, M.C. 111048
Cadot, B. *see* Poivey, C. 73462
Cadot, B. *see* Poivey, C. 104598
Cadotte, R. *see* Sturzebecher, D. 86007
Cadre, J.-P.Le *see* Le Cadre, J.-P.
Cadre, J.P.Le *see* Le Cadre, J.P.
Cady, E.B., Wylezinska, M., Penrice, J., Lorek, A., Amess, P. Quantitation of phosphorus metabolites in newborn human brain using internal water as reference standard 80283
Cady, W.A., Varadarajan, M. RCA clean replacement 74599
Cadzow, J.A. Blind deconvolution via cumulant extrema 66688
Cadzow, J.A. *see* Kakarala, R. 117590
Cadzow, J.A. *see* Yardimci, Y. 108384
Caeiro, G. *see* Borges, B.V. 71832
Caelli, T. *see* Carevic, D. 87059
Caelli, T. *see* Dillon, C. 86664
Caelli, T. *see* Drummond, T. 86808
Caelli, T. *see* Ollila, M. 87082
Caer, D., Jaillot, F., Rocquencourt, J., Houpeaux, T. C-slot waveguide phased array with angle scanning 66168
Caerels, J. *see* Glorieux, C. 115479
Caers, J.F.J.M. *see* Baggerman, A.F.J. 82259
Cafagna, F. *see* Barbiellini, G. 69722
Caffau, E. *see* Baldini, A. 62650
Caffery, J.J., Stuber, G.L. Radio location in urban CDMA microcells 88792
Caffin, D. *see* Launay, P. 106182
Caffin, D. *see* Sermage, B. 105145
Caffrey, A.J. *see* Aryaeinejad, R. 80083
Caffrey, A.J. *see* Aryaeinejad, R. 100877
Caffrey, M. *see* Briles, S. 101551
Cagan, V. *see* Guyot, M. 95358
Cage, M.E. *see* Jeffery, A. 74662
Cagigal, M.P., Prieto, P.M., Canales, V.F., Portilla, M.G. Acceleration determination using spatio-temporal Fourier transform 110380
Cahay, M. *see* Kumar, T. 115159
Cahay, M.M. *see* Shi, S. 105892
Cahen, D. *see* Chernyak, L. 105107
Cahen, D. *see* Gal, D. 105135
Cahen, D. *see* Lyubomirsky, I. 74239
Cahen, D. *see* Lyubomirsky, I. 94478
Cahen, D. *see* McAlpine, N.S. 62824
Cahen, D. *see* Moons, E. 74479
Cahen, D. *see* Moons, E. 121882
Cahill, D. *see* Tsu, R. 61235
Cahill, D.G. *see* Lee, N.-E. 103839
Cahill, L. *see* Dixon, A. 99733
Cahill, L.W. Modelling high speed MSM photodetectors 100012
Cahill, M.J.L., Pendock, G.J., Sampson, D.D. Low error rate return-to-zero direct modulation of gain-switched lasers 76010
Cahill, M.J.L. *see* Nguyen, L.V.T. 85539
Cahill, P. *see* Hu, J.-H. 90337
Cahill, P.A. *see* Kowalczyk, T.C. 75399
Cahill, P.A. *see* Kowalczyk, T.C. 96691
Cahill, P.T. *see* Pascone, R. 101147
Cahn, D., Mikols, E., Gill, A., Dougherty, A. The regulation of hazardous air pollutants under the Clean Air Act Amendments of 1990: further effects on the Portland cement industry 72195
Cai, B. *see* Lue, B. 85568
Cai, D.Y. *see* Gan, Y.P. 72285
Cai, G.G., Bestion, N., Wang, S.S., Shen, W.X., Delard, R., Volpiliere, J., Fesquet, J., Gasiot, J. Dose response of the individual peak for LiF:Mg,Ti (TLD-100) and LiF:Mg,Cu,P (GR-200A) TL materials at the photon energies of 30, 104, 1250 keV 101456
Cai, G.G., Fesquet, J., Dusseau, L., Martini, M., Meinardi, F., Huang, B.L., Tang, K.Y., Beteille, D., Gasiot, J. Thermoluminescence of LiF:Mg,Cu,P (GR-200A) TLD after annealing between 200 and 400°C 101453
Cai, G.G. *see* Wang, S. 101455
Cai, H., Pettersson, H., Rohman, H., Larsson, S.-E., Oberg, P.A. A new single-fibre laser Doppler flowmeter based on digital signal processing 120359
Cai, H. *see* Gan, D. 121077
Cai, J. A new decode algorithm for binary bar codes 97473
Cai, J. *see* Lee, C.C. 94882
Cai, J.-Y. *see* Homer, S. *(editor)* 72093
Cai, L., Rohatgi, A., Yang, D., El-Sayed, M.A. Effects of rapid thermal anneal on refractive index and hydrogen content of plasma-enhanced chemical vapor deposited silicon nitride films 114856
Cai, L. *see* Rohatgi, A. 112346
Cai, L. *see* Vacheron, O. 91288
Cai, L.Z. *see* Guo, C.S. 116749
Cai, M., Veres, T., Morel, R., Cochrane, R.W. Magnetic and magnetotransport properties of Ni/Fe multilayers 75202
Cai, S. Bulk series resistance and back electrical field in rear contact high efficiency silicon solar cells 102968
Cai, S. *see* Li, B. 97432
Cai, S.S. *see* Filanovsky, I.M. 114159
Cai, S.Y. *see* Levush, B. 62582
Cai, X. *see* Lam, S.S. 86046
Cai, X.Y. *see* Hinaus, B.M. 115928
Cai, X.Y. *see* Usami, K. 114983
Cai, Y., Chen, S.S. Control of maglev suspension systems 103128
Cai, Y., Donald, M., Helm, R., Irwin, J., Nosochkov, Y., Ritson, D.K., Yan, Y., Forest, E., Zholents, A. Low Energy Ring lattice of the PEP-II asymmetric B-factory 79973
Cai, Y., Irving, M.R., Case, S.H. Compound matrix partitioning and modification for the solution of branched autotransformer traction feeds 71851
Cai, Y., Tucker, R.S. Performance analysis of photonic packet-switched ring network with optically transparent nodes 78318
Cai, Y., Wang, S., Ishii, M., Sato, M. Position measurement improvement on a force display device using tensed strings 79636
Cai, Y. *see* Donald, M.H.R. 79978
Cai, Y. *see* Hill, R.J. 71816
Cai, Y. *see* Nosochkov, Y. 79976
Cai, Y. *see* Yan, Y.T. 79977
Cai, Y.M. *see* Arayathaitkul, K. 96735
Cai, Y.Y., Loh, H.T., Nee, A.Y.C. Qualitative primitive identification using fuzzy clustering and invariant approach 77373
Cai, Y.Y., Nee, A.Y.C., Loh, H.T. Geometric feature detection for reverse engineering using range imaging 112855
Cai, Z., Tran, V.N. Perceptual block truncation coding 98122
Cai, Z.H. *see* Sammes, N.M. 95243
Cai, Z.Q., Tran, V.N. Variable step search algorithm for motion estimation 67106
Cai Anni *see* Anni Cai
Cai Bangwei *see* Feng Guoying 107209
Cai Bingchu *see* Bingchu Cai
Cai DongSheng *see* DongSheng Cai
Cai Hai Tao *see* Hai Tao Cai
Cai Hanshen, Ma Renming, Huang Anli, Bai Yichun, Qi Taiyuan A research of eliminating closing resistors for 330 kV circuit breakers 81601
Cai Jianguo *see* Li Rui 103387
Cai Kai-Hua *see* Kai-Hua Cai
Cai Ke-Li *see* Li Yu-Dong 107022
Cai Li *see* Li Cai
Cai Lilong *see* Lilong Cai
Cai Ming, Zhu Desen, Sun Qin A communication front end computer's multi-task system [for power system automation] 80931
Cai Mingxi Approximate calculation of long-span wires' vibration [overhead power lines] 121185
Cai Ning *see* Zhou Xingquan 60721
Cai Qing *see* Qing Cai
Cai Qiyu *see* Jiang Jianfei 106685
Cai Shou Lun Application prospects of ring-bar circuits in millimeter-wave TWTs 62642
Cai Shumin *see* Xu Qiuxia 83751
Cai Song *see* Wei Qidong 112421
Cai Tao *see* Liu Jie 117145
Cai Tian-Fang *see* Tian-Fang Cai
Cai Wei *see* Wei Cai
Cai Xiang, Dai Fei, Lin Guanwei The EMS of He'nan electric power system 111502
Cai Xiang *see* Dai Fei 120980
Cai Xiao-Ding *see* Xiao-Ding Cai
Cai Xiaoshu *see* Zheng Gang 79692
Cai Yi, Zheng Guozhen, Zhu Xicheng, Guo Shaoling, Tang Dingyuan The transport properties of the long-wave photoconductive HgCdTe detectors 95990
Cai Yici *see* Yici Cai
Cai Yong *see* Huang Zhongping 73983
Cai Yuanlong *see* He Feiyun 117975
Cai Yuemin *see* Yuemin Cai
Cai Yunliang, Guan Yaoxing A vibration analysis by auxiliary-mirror holography 76279
Cai Yunqing Distribution management systems. State of the art around the world 111601
Cai Yuqin *see* Huang Wenzhong 96202
Cai Yushuang *see* Yan Yong-Mei 69343
Cai Yushuang *see* Yushuang Cai
Cai Zexiang *see* Wan Yumin 71319
Caichi Liu *see* Yangxian Li 83821
Caichi Liu *see* Liu Caichi
Caidong Xiong *see* Jianqiang Wu 96959
Caidong Xiong *see* Xiong Caidong
Caihe Chen *see* Delong Zhang 116420
Caihua Wang, Abe, K. Stereo matching by integrating piecewise surfaces matched in subranges of depth 77377
Caihua Yun *see* Yun Caihua
Cailan Xiang, Tianxin Cheng, Quan Zeng, Jianjun Fu, Jian Huang The design and development of a novel VLSI-CAM system 84534
Caillat, T. Preparation and thermoelectric properties of $Ir_xCo_{1-x}Sb_2$ alloys 94446
Caillat, T., Borshchevsky, A., Fleurial, J.-P. Properties of single crystalline semiconducting $CoSb_3$ 114671
Caillaud, T. *see* Bagotzky, V.S. 112185
Caille, E. *see* Breuille, Cl. 70594
Caille, G. Systems of antenna for Earth observation satellites 66037
Caillec, J.M.Le *see* Le Caillec, J.M.
Cailleu, D., Haese, N., Rolland, P.A. Active millimetric antennas for a wide range of applications 66096
Cailleu, D., Haese, N., Rolland, P.A. Microstrip adaptive array antenna 86006
Cailloce, Y., Himdi, M., Thouroude, D., Daniel, J.P. Analysis of aperture-coupled microstrip antenna using the segmentation method 76577
Cailmail, X. *see* Shrivastav, R. 111825
Cain, B.L., Croisant, W.J. Electrical contact resistance of titanium nitride coatings for electromagnetic shielding applications 85895
Cain, C.A. *see* Kaiser, A.R. 80192
Cain, G.D. *see* Allen, G.H. 93589
Cain, G.D. *see* Krukowski, A. 86200
Cain, G.D. *see* Laakso, T.I. 86199
Cain, G.D. *see* Laakso, T.I. 93580
Cain, G.D. *see* Mackenzie, J.P. 93581
Cain, G.D. *see* Sabel, L.P. 73164
Cain, G.D. *see* Sabel, L.P. 78519
Cain, G.D. *see* Sun, H. 71006
Cain, G.D. *see* Tarczynski, A. 83226
Cain, G.D. *see* Yardim, A. 117522
Cain, J.B. *see* Billhartz, T. 87435
Cain, J.L., Harrison, S.R., Nikles, J.A., Nikles, D.E. Preparation of α-Fe particles by reduction of ferrous ion in lecithin/cyclohexane/water association colloids 106514
Cain, J.L., Nikles, D.E. Preparation of acicular α-Fe nanoparticles in tubular lecithin colloids 115526
Cain, N., O'Neill, M., Nicholls, J.E., Piorek, T., Hagston, W.E., Chen, P., Chalk, S., Ashenford, D.E., Langley, A.J., Taday, P.F. Electron tunnelling in CdTe/CdMnTe double barrier structures 74380
Cain, T.D. *see* Sah, R. 80473
Cain, W., Payne, A., Qiu, G., Latev, D., Imai, D., Hempstead, R., McNeil, M., Phenicie, C. Achieving 1 Gbit/in^2 with inductive recording heads 115667
Cain, W. *see* Payne, A. 115657
Caine, E.J. *see* Koester, S.J. 74421
Caiping Wei *see* Wei Caiping
Caird, J.A. *see* Barker, C.E. 85432
Caird, J.A. *see* Van Wonterghem, B.M. 85414
Caire, G., Elia, C., Longo, L., Viola, R. A study for interactive TV via satellite 88865
Caire, G., Taricco, G., Biglieri, E. On the convergence of the iterated decoding algorithm 66475
Caire, G., Taricco, G., Biglieri, E. Capacity of bit-interleaved channels 76713
Caire, G., Ventura-Traveset, J., Biglieri, E. Normalized diversity receiver with multi-symbol detection 76700
Caire, G. *see* Biglieri, E. 88171
Caire, G. *see* Ventura-Traveset, J. 66328
Caire, G. *see* Ventura-Traveset, J. 88218
Caire, P. *see* Czernichow, T. 91069
Cairns, A.Y. *see* Stamatakis, E.A. 80330
Cairns, C. *see* Zivanovic, R. 102320
Cairns, E.J. *see* Striebel, K.A. 72900
Cairns, E.J. *see* Striebel, K.A. 112282
Cairns, E.J. *see* Taucher, W. 121848
Cairns, E.J. *see* Wen, S.J. 81712
Cairns, G., Tarassenko, L. Perturbation techniques for on-chip learning with analogue VLSI MLPs 73594
Cairns, G. *see* Smith, C.G. 107039
Cairo, F., Congeduti, F., Centurioni, S., Di Donfrancesco, G. A survey of the signal-induced noise in photomultiplier detection of wide dynamics luminous signals 120757
Caisheng Chen *see* Shuqun Zhang 116162
Caiti, A., Jesus, S.M. Acoustic estimation of seafloor parameters: a radial basis functions approach 120656
Caiti, A. *see* Alotto, P. 65717
Caiti, A. *see* Balestrino, A. 98357
Caitu Shi *see* Shi Caitu
Caiulo, G., Fiocchi, C., Gatti, U., Maloberti, F. On the design of high-speed high-resolution track and holds 104743
Caiulo, G., Francesconi, F., Liberali, V., Maloberti, F. Analog blocks for high-speed oversampled A/D converters 93511
Caiulo, G. *see* Baggini, B. 93180
Caiulo, G. *see* Bigongiari, A. 73170
Caiulo, G. *see* Bigongiari, A. 100911
Caixao, S. *see* Caldas, R.P. 102292
Caixao, S. *see* Caldas, R.P. 111686
Caixia Guo *see* Sharaf, A.M. 91140
Caiyun Lou *see* Lou Caiyun
Caizhi Cao *see* Shengyou Wang 69108
Cajhen, R. *see* Voncina, D. 91031
Cajka, J. *see* Vrba, K. 83211
Cake, P. *see* Harper, A. 71079
Cakil, H.I. *see* Prasad, R. 98464
Cakmak, F. *see* Prasad, R. 78514
Cala, F. Cleaning BGAs 112949
Calabrese, C.K. *see* Joseph, T.W. 95144
Calabrese, G.S. *see* Bacchetti, L.F. 85119
Calabrese, M. *see* Bozzetto, E. 102110
Calabrese, R., Guidi, V., Lenisa, P., Grimm, R., Miesner, H.J., Mariotti, E., Moi, L. White-light laser cooling of ions in a storage ring 79834
Calabrese, R., Guidi, V., Lenisa, P., Mariotti, E., Moi, L., Tambini, U. Ultrashort laser-pulse diagnostics for detection of ordering within an ion beam 79835
Calabrese, R., Guidi, V., Lenisa, P., Tambini, U., Mariotti, E., Moi, L. Laser diagnostics of a one-dimensional ordered ion beam 100517
Calabrese, V., Salerno, J. Extending SDH benefits to radio networks 118817

Calabretta, L. *see* Bellia, G. 90238
Calabretta, L. *see* Bellia, G. 100996
Calabria, R., Guida, M., Pulcini, G. A reliability-growth model in a Bayes-decision framework 113032
Calabria, R., Pulcini, G. Maximum likelihood and Bayes prediction of current system lifetime 113036
Calame, J. *see* Granatstein, V.L. 100479
Calame, J.P., Carmel, Y., Birman, A., Gershon, D. The propagation and absorption of electromagnetic waves in porous ceramic materials 104176
Calame, J.P., Lawson, W., Cheng, J., Hogan, B., Castle, M., Granatstein, V.L., Reiser, M. Design of 100 MW, two-cavity gyroklystrons for accelerator applications 100480
Calame, J.P. *see* Castle, M. 62604
Calame, J.P. *see* Cheng, J. 114518
Calame, J.P. *see* Lawson, W. 100481
Calame, J.P. *see* Saraph, G.P. 105043
Calamiotou, M. *see* Lagadas, M. 113363
Calandra, E.F. A novel approach to the characterization and modeling of microwave transistor packages 62296
Calandra, E.F., Silvestri, F. Compositionally efficient dynamical analysis of optically-driven injection-locked GaAs FET oscillators 114280
Calandrino, R. *see* Fiorino, C. 80526
Calandrino, R. *see* Fiorino, C. 101449
Calaprice, F.P. *see* Vogelaar, R.B. 69831
Calas, C. *see* D'Ausbourg, B. 109119
Calas, J. *see* Abounadi, A. 114769
Calawa, A.R. *see* Kisielowski, C. 83902
Calcagnile, L., Coli, G., De Vittorio, M., Rinaldi, R., Giugno, P.V., Cingolani, R., Vanzetti, L., Sorba, L., Franciosi, A. Excitonic nonlinearities in wide gap II-VI multiple quantum wells 74378
Calcagnile, L., Colii, G., Cingolani, R., Vanzetti, L., Sorba, L., Franciosi, A. Optical properties of Zn$_{1-x}$Cd$_x$Se/ZnSe quantum well lasers fabricated by molecular beam epitaxy 65345
Calcagno, L. *see* Musumeci, P. 84102
Calcatera, M. *see* Creech, G.L. 83504
Calcatera, M. *see* Metze, G. 114291
Calcott, P.D.J. *see* Canham, L.T. 94267
Caldararu, F. *see* Caldararu, M. 69035
Caldararu, M., Craciunoiu, F., Caldararu, F., Dascalu, D., Paraschiv, A., Vasilescu, A. Integrated structure including a waveguide and a photodiode for a chemo-optical sensor on silicon 69035
Caldararu, M. *see* Cristea, L. 64778
Caldas, R.P., Lippincott, M., Alvarenga, L.M., Junior, J.E.R.A., da Costa, R.S., Bandim, C.J., Caixao, S., Aguiar, J.C., Junior, A.V.P., Pimentel, J.C.G., de Souza, F.C. Very low cost meters for low power consumers 102292
Caldas, R.P., Lippincott, M., Alvarenga, L.M., Junior, J.E.R.A., da Costa, R.S., Bandim, C.J., Caixao, S., Aguiar, J.C., Junior, A.V.P., Pimentel, J.C.G., de Souza, F.C. Very low cost meters for low power consumers 111686
Caldecot, R. *see* Qin Yu 116938
Caldeira, P. *see* Rui Liu 71548
Calder, B., Clarke, S., Linnett, L., Carmichael, D. Statistical models for the detection of abnormalities in digital mammography 80325
Calder, B.R., Linnett, L.M., Clarke, S.J. Spatial interaction models for sonar image data 68717
Calder, B.R. *see* Carmichael, D.R. 90731
Calder, D.J., Smith, R.W., Hosie, R.A. A Windows-based speech aid and language learning tool for the speech impaired 120531
Calder, H.B., White, D.E. Facial nerve EMG monitoring 90492
Calder, I.D. *see* Griswold, E.M. 75024
Calder, J.A. *see* Jacobson, G.P. 101389
Calder, R., Grobner, O., Mathewson, A.G., Anashin, V.V., Dranichnikov, A., Malyshev, O.B. Synchrotron radiation induced gas desorption from a prototype Large Hadron Collider beam screen at cryogenic temperatures 94167
Caldera, J.R. *see* Silva, J. 101386
Calderale, P.M. *see* Audenino, A.L. 90402
Calderbank, A.R. Signal design for co-channel interference suppression with applications to wireless communications 67560
Calderbank, A.R., McGuire, G., Poonen, B., Rubinstein, M. On a conjecture of Helleseth regarding pairs of binary m-sequences 66387
Calderbank, A.R. *see* Gelblum, E.A. 66299
Calderer, J. *see* Marsal, L.F. 74332
Calderer, J. *see* Marsal, L.F. 105839
Calderhead, K. *see* Button, J. 99375
Calderon, A. *see* Cruz-Orea, A. 83810
Calderon, G. *see* Vladimirsky, Y. 79365
Calderon, J.C., Tapia, J.M., Corominas, E., Paris, L. A chip-set enabling B-ISDN ATM UNI transmission convergence (TC) AAL 3/4-layers, and ATM layer functions 78311
Calderon, J.C. *see* Corominas, E. 118492
Calderon, L. *see* Bastos, T.F. 90864
Calderon, S. *see* Sa'ar, A. 62841
Caldon, R., Mari, A., Paolucci, A., Turri, R. Sensitivity analysis of FACTS control characteristics with respect to network configuration and requirements 102048
Caldon, R. *see* Borghetti, A. 90933
Caldwell, B.S. *see* Murray, S.A. 100248
Caldwell, D.O. *see* Abe, K. 69708
Caldwell, D.O. *see* Abe, K. 69726
Caldwell, M.A., Barrington, W.W., Miles, R.R. Morphology analysis of EKG R waves using wavelets with adaptive parameters derived from fuzzy-logic 90539
Cale, T.S., Crouch, P.E., Song, L., Tsakalis, K.S. Optimal control for LPCVD 61416
Cale, T.S. *see* Gobbert, M.K. 63893
Cale, T.S. *see* Gobbert, M.K. 113419
Cale, T.S. *see* Virmani, M. 82728
Calen, H., Carius, S., Fransson, K., Gustafsson, L., Haeggstroem, S., Hoeistad, B., Johansson, A., Johansson, T., Kullander, S., Moertsell, A., Moehn, J., Ruber, R., Schuberth, U., Zlomanczuk, J., Ekstroem, C., Friden, C.-J., Reistad, D., Kilian, K., Oelert, W., Renken, V., Sefzick, T., Waters, M., Bondar, A., Kolachev, G., Kuzmin, A., Purlatz, T., Shwartz, B., Sidorov, V., Sukhanov, A., Kupsc, A., Marciniewski, P., Nawrot, A., Stepaniak, J., Bogoslawsky, D., Dunin, V., Kuznetsov, A., Morosov, B., Povtorejko, A., Sandukovsky, S., Sukhanov, A., Zernov, A., Zabierowski, J., Turowiecki, A., Wilhelmi, Z., Pawlowski, Z., Bilger, R., Brodowski, W., Clement, H., Kurz, G., Wagner, G.J., Martemyanov, A., Sopov, V., Tchernyshev, V., David, E., Price, M., Rivoiron, C. Detector setup for a storage ring with an internal target 120194
Calen, H. *see* Yamaoka, H. 90189
Calero, F. Development of a numerical comparator for protective relaying. I 102231
Calero, F. *see* Hart, D. 102232
Calero, J., Cennini, P., Gallego, E., Galvez, J., Garcia Tabares, L., Gonzalez, E., Jaren, J., Lopez, C., Lorente, A., Martinez Val, J.M., Oropesa, J., Rubbia, C., Rubio, J.A., Saldana, F., Tamarit, J., Vieira, S. Experimental temperature measurements for the energy amplifier test 89547
Calero, J. *see* Laurent, G. 90049
Caleya, R.F. *see* Ribeiro, A.B.L. 69226
Calgarotto, C. *see* Bacchetta, N. 80042
Calgarotto, C. *see* Bacchetta, N. 100853
Calhoun, C.W. *see* Nolan, G.J. 80952
Calhoun, L.C. *see* Jeon, M.H. 113290
Calhoun, L.C. *see* Trexler, J.T. 74463
Cali, P.D., Deans, J.D. Installing fast Ethernet backbones 118421
Cali, R. *see* Tenconi, S.M. 71772
Calicchia, A., Gambaccini, M., Indovina, P.L., Mazzei, F., Pugliani, L. Niobium/molybdenum K-edge filtration in mammography: contrast and dose evaluation 110684
Calicchia, A. *see* Fattibene, P. 120574
Calicchia, P. *see* Castrucci, P. 113326
Caliendo, C. *see* Anisimkin, V.I. 110261
Caliman, A. *see* Botez, D. 116491
Caliman, A. *see* Syrbu, A.V. 76041
Calise, F. *see* Choi, J.J. 62615
Calish, S. *see* Chan, A. 89594
Caliskan, V. *see* Siri, K. 71488
Calistru, D.M. *see* Demos, S.G. 107191
Calkins, F.T., Flatau, A.B. Transducer based measurements of Terfenol-D material properties 115488
Calkins, F.T. *see* Dapino, M.J. 115487
Calkins, J. *see* Swirhun, S. 119223
Calkins, P.A. Lifecycle assessment at Xerox 72375
Call, A. *see* Malik, S.K. 83652
Callaghan, G. *see* Homer, J. 111146
Callaghan, G.D. *see* Ashoka, H. 78586
Callaghan, P., Babu, S.K.S., Gomes, N.J., Jastrzebski, A.K. Optically-frequency modulated 6 GHz MMIC oscillator 93911
Callaghan, P., Eccles, C. Nuclear magnetic resonance in Antarctica 80668
Callahan, D.A. *see* Friedman, A. 89692
Callahan, D.W., Bowersox, S.H., Dickinson, P.H., Pomphrey, P.J., Jr. High power, uncooled silicon mirror transmitted beam diagnostics 65420
Callahan, J.J. *see* Dohle, G.R. 96053
Callahan, J.J. *see* Rainer Dohle, G. 96058
Callahan, J.R., Montgomery, T.L. An approach to verification and validation of a reliable multicasting protocol 67572
Callahan, M. *see* Meinstein, K. 89262
Callari, F.G., Ferrie, F.P. Autonomous recognition: driven by ambiguity 86442
Callarotti, R.C. Transient response of very long cylinders through a new proper eigenvalue method 65637
Callcott, T. *see* Sutherland, D.G.J. 84146
Calle, F. *see* Sanchez-Garcia, M.A. 62740
Callegaro, L., Puppin, E. Isotropic in-plane external stressing of ferromagnetic films 115562
Callegaro, L., Puppin, E., Cavallotti, P.L., Zangari, G. Electroplated, high H$_c$ CoPt films: δM magneto-optical measurements 106496
Callegati, F., Grazioso, P. Performance of PRMA in multiservice cellular environments 68315
Calleja, A. *see* Balcells, L. 110111
Calleja, A. *see* Blanco, C. 71884
Calleja, A.J. *see* Alonso, J.M. 122078
Calleja, E. *see* Izpura, I. 64943
Calleja, E. *see* McCallum, D.S. 62858
Calleja, E. *see* Sanchez-Garcia, M.A. 62740
Calleja, E. *see* Sanchez-Rojas, J.L. 63044
Calleja, E. *see* Sanchez-Rojas, J.L. 83949
Calleja, E. *see* Sanz-Hervas, A. 106969
Calleja, H. Dynamic clamp for pull-in time reduction 104653
Callejas, R.Lopez *see* Lopez Callejas, R.
Callejo, L.G. *see* Siddiqui, M.K. 83503
Callen, J.D. *see* Conrad, J.R. 63249
Callen, J.D. *see* Kissick, M.W. 63248
Callet, P. Pertinent data for modelling pigmented materials in realistic rendering 77338
Callewaert, H. *see* Chabrerie, C. 74846
Callewaert, H. *see* Chabrerie, C. 106216
Calley, M.B. *see* Gertman, D.I. 71057
Calliari, L. *see* Dorigoni, L. 94306
Callieco, R. *see* Romani, A. 90519
Callies, J. *see* Bos, A. 90699
Calligaris, A.O., Jr. *see* Silva, M.T.C. 99538
Calligaro, C., Daniele, V., Gastaldi, R., Manstretta, A., Torelli, G. Dichotomic current-mode serial sensing methodology for multistorage non-volatile memories 73401
Calligaro, C., Gastaldi, R., Malcovati, P., Torelli, G. Positive and negative CMOS voltage multiplier for 5-V-only flash memories 73400
Calligaro, C., Malcovati, P., Torelli, G. Voltage multiplier with output stabilization 93109
Calligaro, T., MacArthur, J.D., Salomon, J. An improved experimental setup for the simultaneous PIXE analysis of heavy and light elements with a 3 MeV proton external beam 100381
Calligola, P., D'Antone, I., Mandrioli, G., Meneghini, S. A real-time diagnostic system in a complex data acquisition of a particle physics experiment 80124
Callin, R.S. *see* Fowkes, W.R. 100487
Callis, R.W. *see* Ferguson, S.W. 110313
Callis, R.W. *see* Ferguson, S.W. 111613
Callis, R.W. *see* O'Neill, R.C. 105029
Calmant, S., Baudry, N. Modelling bathymetry by inverting satellite altimetry data: a review 111247
Calmant, S. *see* Baudry, N. 111248
Calmels, L. *see* Gold, A. 83922
Caloba, L.P. *see* Carneiro, N.C.F. 82534
Caloba, L.P. *see* Carneiro, N.C.F. 93621
Caloba, L.P. *see* de Queiroz, A.C.M. 93567
Caloba, L.P. *see* Pinto, R.G.C.P. 97598
Caloba, L.P. *see* Schechtman, J. 73550
Caloba, L.P. *see* Souza, M.N. 85906
Caloba, L.P., Diniz, P.S.R., de Querioz, A.C.M., Watanabe, E.H. *(editors)* 38th Midwest Symposium on Circuits and Systems. Proceedings (Cat. No.95CH35853) 72074
Caloghirou, Y.D., Mourelatos, A.G., Roboli, A. Macroeconomic impacts of natural gas introduction in Greece 111718
Calonnier, M. *see* Konik, H. 67344
Calotoiu, A. *see* Micu, D. 71325
Caloz, G. *see* Balac, S. 70050
Calster, A.Van *see* Van Calster, A.
Caltabiano, T. *see* Svanberg, S. 101579
Calude, C., Campeanu, C. Are binary codings universal? 66274
Calusinski, B. *see* Olesik, J. 83685
Caluwe, M.De *see* De Caluwe, M.
Caluzi, J.J., Assis, A.K.T. An analysis of Phipps's potential energy 62384
Calvagno, G., Munson, D.C., Jr. A frequency-domain approach to interpolation from a nonuniform grid 97849
Calvagno, G., Rinaldo, R., Sbaiz, L. Multiresolution motion estimation for the MPEG coder 86565
Calvarin, G. *see* Noblanc, O. 64079
Calvel, P. *see* Barillot, C. 61689
Calvel, P. *see* Barillot, C. 70307
Calvel, P. *see* Dachs, C. 106047
Calvel, P. *see* Mouret, I. 74744
Calvel, P. *see* Mouret, I. 106025
Calvelli, C. *see* Varadharajan, V. 118463
Calvente, J., Giral, R., Hernanz, J., Leyva, R. Push-pull switching power amplifier with sliding-mode control 121694
Calvente, J., Guinjoan, F., Martinez, L., Poveda, A. Subharmonics, bifurcations and chaos in a sliding-mode controlled boost switching regulator 113742
Calvente, J. *see* Giral, R. 113737
Calverley, T.E. Performance calculations of HVDC systems with minimum computer aid 80999
Calvert, K. *see* Clayton, R. 77755
Calvert, K. *see* Krupczak, B. 87800
Calvert, K.L. *see* Zegura, E.W. 87787
Calvert, P.A.J. *see* Martin, J.P. 112014
Calvert, P.A.J. *see* Morrow, D.J. 71265
Calvert, P.A.J. *see* Tindall, C.E. 111929
Calvet, D. *see* Costa, M. 90231
Calvet, D. *see* Costa, M. 100982
Calvet, M.-C. *see* Dachs, C. 106047
Calvet, M.-C. *see* Mouret, I. 74744
Calvet, M.-C. *see* Mouret, I. 106025
Calvet, M.-C. *see* Poivey, C. 73462
Calvet, M.-C. *see* Poivey, C. 104598
Calvet, M.C., Mazon, R., Simon, P., Galindo, D., Poivey, C., Garnier, P., Bourrieau, J., Cadot, B., Ecoffet, R. Acknowledgement of the natural radiation environment upon the ARIANE 5 launcher 111048
Calvetti, D., Reichel, L. An adaptive Richardson iteration method for indefinite linear systems 60987
Calvetti, D., Reichel, L. Adaptive Richardson iteration based on Leja points 72603
Calvetti, D. *see* Baglama, J. 103748
Calvez, A.Le *see* Le Calvez, A.
Calvi, G. *see* Pappalardo, G. 100387

Calvi, M., Cattdori, C., Matteuzzi, C., Tabarellide Fatis, T. Performance of large area proximity focused hybrid photo-diodes 106964
Calvin, H., Christiansen, O., Cizek, J., Corpuz, A., Hannan, W., Hillenbrand, J., Krefta, M., Kupiszewski, T., Lowry, J., LaJeunesse, M., McAuliffe, P., Parman, R., Potter, D., Roach, J., Sanger, P., Singh, S., Swartzback, G., Urban, W., Burger, A., Clarkson, I., Kalsi, S., Schultheiss, T., Walstrom, P., Hartman, D., Naumovich, G. TPX superconducting PF magnets 106718
Calvin, H. *see* Deis, G. 106719
Calvo, D. *see* Agnello, M. 110583
Calvo, J. *see* de la Torre, E. 113983
Calvo, M., Higham, D.J., Montijano, J.L., Randez, L. Global error estimation with adaptive explicit Runge-Kutta methods 61049
Calvo, M.L., De Pedraza, L. Transmission holocoupler with a Gaussian wave front: applications to a beam corrector 75527
Calvo, M.V., Snider, A.D. Resolution of linear/nonlinear inconsistencies in charge-conservative FET models 106064
Calvo, O. *see* Jensen, R.A. 78686
Calvo-Barrio, L. *see* Perez-Rodriguez, A. 94712
Calvo-Barrio, L. *see* Serre, C. 61248
Calzolai, M. *see* Capineri, L. 101607
Calzolari, G., Saldana, C. Generalized compensation method for nonlinear inductances and resistances representation in electromagnetic transients studies 111447
Calzolari, G., Saldana, C. Analysis of power transformer matrix representation in electromagnetic transient studies 112044
Camacho, J.R. *see* Salerno, C.H. 103178
Camacho-Lopez, S. *see* Green, R.P.M. 96707
Camacho-Penalosa, C. *see* Martin-Guerrero, T.M. 115256
Camagna, J. *see* McCaslin, S. 93405
Camaioni, N. *see* Kalinowski, J. 64900
Camaioni, N. *see* Kalinowski, J. 75751
Camalleri, C.M. *see* Cacciato, A. 114883
Camalleri, C.M. *see* Coffa, S. 84087
Camani, M., Cereghelti, N., Chianese, D., Rezzonico, S. TISO: test centre for photovoltaic components 91741
Camara, D.L.de *see* de Camara, D.L.
Camarda, P., Schiraldi, G., Talucci, F. Finite population model for performance evaluation in cellular communication networks 119076
Camargo, E., Kennan, W. An E-mode GaAs FET operating as a single balanced gate mixer 83535
Camargo, M.E., Radharamanan, R., Santos, A.I., Petry, D.G. Spectral decomposition in statistical process control 103614
Camargo Silva, M.T., Herczfeld, P.R. Optical intensity modulator based on electrically induced periodic structure 99595
Camart, J.-C., Despretz, D., Chive, M., Pribetich, J. Modeling of various kinds of applicators used for microwave hyperthermia based on the FDTD method 120497
Camart, J.-C. *see* Cresson, P.-Y. 70206
Camart, J.-C. *see* Despretz, D. 120491
Camart, J.C. *see* Despretz, D. 101422
Camart, J.C. *see* Dubois, L. 120490
Camas, J., Fischer, C., Gras, J.J., Jung, R., Koopman, J. Observation of thermal effects on the LEP wire scanners 100597
Camassa, R. *see* Burtsev, S. 107579
Camassei, J., Peyre, H., Glew, R. Relative intermixing of anionic and cationic species in InGaAs(P)/InGaAsP SLSs 63222
Camassel, J., Dezauzier, C., DiCioccio, L., Stoemenos, J., Bluet, J.M., Contreras, S., Robert, J.L., Billon, T. Investigation of structural, optical and electrical properties of cubic 3C-SiC deposited on SOI 104051
Camassel, J. *see* Anikin, M.M. 103817
Camassel, J. *see* Syrkin, A.L. 103995
Camassel, J. *see* Zekentes, K. 113319
Camastra, F. *see* Bruzzo, S. 121275
Cambel, V., Elias, P., Kudela, R., Durica, M., Novak, J. Microscopic linear Hall probe arrays 79375
Camberlein, L. *see* Godts, P. 69551
Camberlein, L. *see* Machut, C. 119649
Camberlin, B. *see* Abbes, M. 90145
Camberlin, B. *see* Basti, G. 90164
Cambiaggio, E. *see* Augustin, D. 66135
Cambiaggio, E. *see* Augustin, D. 76650
Cambiaggio, E. *see* Augustin, D. 86001
Cambiaggio, E. *see* Schneider, E. 66117
Cambiaso, A., Delfino, L., Grattarola, M., Verreschi, G., Ashworth, D., Maines, A., Vadgama, P. Modelling and simulation of a diffusion limited glucose biosensor 119754
Camblong, H.E. Oblique electron transport in the presence of collinear and noncollinear magnetizations 75208
Cambourakis, G., Kayafas, E., Loumos, V., Tsatsakis, J. Black box for surface vehicles ARGOS analysis and software development 71865
Cambourakis, G. *see* Tsatsakis, I. 68923
Cambril, E. *see* Hehn, M. 64271
Cambril, E. *see* Miller, J.M. 105828
Cambron, G.K., Kemmerer, F. Bandwidth management in a hybrid fiber coax network 118666
Cambronne, J.P., Le Moigne, P., Hautier, J.P. Synthesis of the command of a voltage inverter 91610
Cambronne, J.P. *see* Francois, B. 81559
Cambronne, J.P. *see* Francois, B. 81560
Cambronne, J.P. *see* Hembert, F. 121633
Camdbell, A.B. *see* Buchner, S. 70313
Camell, D.G. *see* Hill, D.A. 65885
Camerini, P. *see* Agnello, M. 110583
Camerini, P. *see* Smith, G.R. 120229
Cameron, A., Habermann, G., Mohandes, M., Bogner, R.E. Modelling OTHR tracks for association and fusion 109710
Cameron, A.A. *see* Colley, A.D. 107104
Cameron, A.R., Riblet, P., Miller, A. Spin gratings and the measurement of electron drift mobility in multiple quantum well semiconductors 74418
Cameron, D.C. *see* Islam, M.S. 63096
Cameron, D.C. *see* Murphy, M.J. 113450
Cameron, D.C. *see* Tang, W. 116253
Cameron, F. *see* Salonen, J. 61080
Cameron, G.G. *see* Delibasis, K.K. 90300
Cameron, J. *see* Vandenberg, J. 80341
Cameron, J.F., Orellana, A.J., Rajaratnam, M.M., Sinta, R.F. Characterization of Shipley's positive deep UV experimental resists: deblocking studies 105779
Cameron, J.M. Advanced hadron facilities–is there a future? 110474
Cameron, K. *see* Hopkinson, D.A. 65222
Cameron, M.M. *see* Fong, J.C. 91688
Cameron, N. *see* Babiker, S. 84475
Cameron, N. *see* Mason, I. 95879
Cameron, P. *see* Trbojevic, D. 89911
Cameron, P.R., Grau, M.C., Morvillo, M., Shea, T.J., Sikora, R.E. RHIC beam position monitor characterization 100536
Cameron, R., McGreer, K.A. Integrated external cavity for tunable devices 95808
Cameron, R., Woerner, B. Performance analysis of CDMA with imperfect power control 88290
Cameron, R., Woerner, B. Synchronization of CDMA systems employing interference cancellation 108799
Cameron, R.J. Microwave filters for spacecraft systems 73669
Cameron, S.D. *see* Kotler, V.R. 121358
Cameron, T.P., Hunt, W.D. SAW amplifiers on multilayer GaAs substrates 106441
Cameron, W. *see* Peigneux, J.P. 120164
Cameron, W.B. *see* Snyder, G.J. 111817
Cameron, W.L., Youssef, N.N., Leung, L.K. Simulated polarimetric signatures of primitive geometrical shapes 70461
Cametti, C. *see* De Luca, F. 110830
Camiade, M., Serru, V. High integrated MMIC multifunctions for X band sensor applications 73772
Camille, R.J., Jr. *sec* Smith, B.A. 102172
Camillerapp, J. *see* Poulain D'Andecy, V. 86614
Camilleri, N. *see* Dragon, C. 82965
Camilleri, N. *see* Dragon, C. 83452
Camilleri, N. *see* Lovelace, D. 93869
Camilleri, N. *see* Ngo, D. 83496
Camilletti, R.C., Loboda, M.J. Thin film IC packaging for MCM applications 92272
Camilo, G.M., Matthewson, M.J., Menkes, M.E. Strength degradation and recovery during zero-stress aging of fused silica optical fibers 84970
Camin, D.V. III-V front-end electronics - an overview 80128
Camin, D.V., Fedyakin, N., Pessina, G., Previtali, E., Sironi, M. Improvements in dynamic and noise performance of cryogenic GaAs monolithic ASICs 90208
Camin, D.V., Pessina, G. Cryogenic ASICs in GaAs for applications with particle detectors 100921
Camin, D.V. *see* Alessandrello, A. 80100
Caminada, A. *see* Balandier, T. 88318
Camion, P., Canteaut, A. Construction of t-resilient functions over a finite alphabet 86071
Camion, P., Canteaut, A. Generalization of Siegenthaler inequality and Schnorr-Vaudenay multipermutations 97532
Camm, D.A. *see* Sharp, B.A. 68071
Camm, E.H. *see* Bellei, T.A. 103076
Cammann, K. *see* Kohler, J.M. 88999
Cammann, K. *see* Steinkuhl, R. 120272
Cammarata, R.C. *see* Edelstein, A.S. *(editor)* 112769
Cammenga, H.K. *see* Taucher, F. 69558
Camnitz, L.H. *see* Bahl, S.R. 105904
Camon, H., Moktadir, Z., Djafari-Rouhani, M. New trends in atomic scale simulation of wet chemical etching of silicon with KOH 74608
Camp, F.E. *see* Kim, A.S. 64254
Camp, F.E. *see* Kim, A.S. 64263
Camp, R.Van *see* Van Camp, R.
Campagna, N. *see* Weggel, C.F. 101229
Campagnolo, J.M., Martins, N., Falcao, D.M. Refactored bi-iteration: a high performance eigensolution method for large power system matrices 101921
Campagnolo, R. *see* Trousset, Y. 70059
Campajola, L. *see* Gialanella, L. 100639
Campana, D. *see* Barbarino, G.C. 80097
Campanella, F., Bernardi, S. Open tube iso-VPE of $Hg_{1-x}Cd_xTe$ on CdTe/sapphire hybrid substrates 61270
Campanella, L., Colapicchioni, C., Favero, G., Sammartino, M.P., Tomassetti, M. Organophosphorus pesticide (Paraoxon) analysis using solid state sensors 119941
Campanelli, M. *see* Basti, G. 90164
Campani, M. *see* Piccioli, G. 77203
Campbell, A., Hutchison, D., Aurrecoechea, C. Dynamic QoS management for scalable video flows 118593
Campbell, A. *see* Robin, P. 118588
Campbell, A.B. *see* Buchner, S. 73389
Campbell, A.B. *see* Buchner, S. 104554
Campbell, A.B. *see* McMorrow, D. 74743
Campbell, A.B. *see* McMorrow, D. 106046
Campbell, A.B., III *see* McMorrow, D. 70334
Campbell, A.D. *see* Agan, M.J. 109584
Campbell, A.L. *see* Brant, M.C. 107449
Campbell, A.M. *see* Ashworth, S.P. 64507
Campbell, A.M. *see* Ciszek, M. 64525
Campbell, A.M. *see* Ciszek, M. 75312
Campbell, A.N., Soden, J.M., Rife, J., Lee, R.G. Electrical biasing and voltage contrast imaging in a focused ion beam system 95137
Campbell, A.W. *see* Dezhong Hong 87109
Campbell, A.W. *see* Dezhong Hong 117702
Campbell, A.W. *see* Lam, C.W. 87127
Campbell, A.W. *see* Sarkodie-Gyan, T. 117699
Campbell, B. *see* Williams, M.E. 83657
Campbell, B.A., Shepard, M.K. Lava flow surface roughness and depolarized radar scattering 120702
Campbell, B.H. Failed motors–rewind or replace? 91425
Campbell, C., Shiuan-Huei Lin, Xianmin Yi, Pochi Yeh Smart scheduling algorithm for volume holographic memories 84954
Campbell, C.P. How much B.S. should I put into this presentation? 60771
Campbell, D.K. *see* Berman, G.P. 94482
Campbell, D.L. *see* Goh, W.L. 63460
Campbell, G.J. *see* Petrosenko, R.D. 80409
Campbell, I.H. *see* Joswick, M.D. 107004
Campbell, J. *see* Greiff, P. 79303
Campbell, J. *see* Vachon, P.W. 120853
Campbell, J. *see* Xhu, Z.R. 103163
Campbell, J.C. *see* Anselm, K.A. 64936
Campbell, J.C. *see* Anselm, K.A. 85283
Campbell, J.C. *see* Murtaza, S.S. 79432
Campbell, J.C. *see* Murtaza, S.S. 79434
Campbell, J.C. *see* Murtaza, S.S. 88488
Campbell, J.C. *see* Murtaza, S.S. 116238
Campbell, J.C. *see* Sarathy, J. 79408
Campbell, J.C. *see* Xiaomin Ren 119682
Campbell, J.H., Edwards, G.J., Marion, J.E. Damage and fracture in large aperture, fused silica, vacuum spatial filter lenses 85555
Campbell, J.H. *see* Barker, C.E. 85432
Campbell, J.H. *see* Van Wonterghem, B.M. 85414
Campbell, J.L. Si(Li) detector response and PIXE spectrum fitting 100865
Campbell, J.M. *see* Lue, J.W. 95540
Campbell, J.O. *see* Mosterman, P.J. 112753
Campbell, J.W. *see* Pudalov, V.M. 106037
Campbell, J.W.M., Gray, A.L., Hughes Clarke, J., Gower, J., Mattar, K.E. Using the CCRS along track InSAR to measure and interpret ocean surface currents 120850
Campbell, K.T. *see* Kojima, K. 75991
Campbell, L.C. *see* Tekletsadik 112162
Campbell, L.J., Boenig, H.J., Rickel, D.G., Schillig, J.B., Sims, J.R., Schneider-Muntau, H.J. Status of the NHMFL 60 tesla quasi-continuous magnet 96970
Campbell, L.L. *see* Zhao, Y.Q. 72435
Campbell, L.W., Becker, D.A., Azarbayejani, A., Bobick, A.F., Pentland, A. Invariant features for 3-D gesture recognition 117891
Campbell, M., Zheng, G., Wallace, P.A. Preliminary study of the optimisation of polarimetric fiber stress sensors 79483
Campbell, M. *see* Antinori, F. 120156
Campbell, M. *see* Gang Zheng 119696
Campbell, M. *see* Pengg, F. 90221
Campbell, M. *see* Pengg, F. 100883
Campbell, M. *see* Yatao Yang 79494
Campbell, M.E. *see* Wolfe, C.A. 120623
Campbell, M.L. *see* Abbott, R.J. 88412
Campbell, P. *see* Szymanski, J. 119146
Campbell, P. *see* Thorp, D. 91736
Campbell, P. *see* Wenham, S.R. 102999
Campbell, P. *see* Wu, Q. 79684
Campbell, P. *see* Yong Dai 105926
Campbell, P.M., Snow, E.S., McMarr, P.J. Nanofabrication with proximal probes 105709
Campbell, P.M. *see* Snow, E.S. 84004
Campbell, R. *see* DeCobert, J. 89777
Campbell, R.B., Veerasingam, R., McGrath, R.T. Fluid simulations of an AC plasma display panel (AC-PDP) 69411
Campbell, R.B. *see* Veerasingam, R. 69385
Campbell, R.H. *see* Islam, N. 77767
Campbell, R.L. Design for testability. What is built-in self test and why do we need it? 68976
Campbell, R.L., Jr, Ebel, W.J. Simulation issues for binary digital communication systems using BCH and RS codes 97578
Campbell, R.N. *see* Beverly, R.E., III 71562
Campbell, S., DeLiang Wang Synchronization and desynchronization in a network of locally coupled Wilson-Cowan oscillators 62095
Campbell, S., DeLiang Wang Loose synchrony in relaxation oscillator networks with time delays 104750

Campbell, S., Pochi Yeh Sparse-wavelength angle-multiplexed volume holographic memory system: analysis and advances 64628
Campbell, S. *see* Pinsukanjana, P. 82673
Campbell, S. *see* Seung-Ho Shin 108438
Campbell, S.A. *see* Hodson, R.F. 90211
Campbell, S.A. *see* Hodson, R.F. 100942
Campbell, S.A. *see* Yan, J. 82741
Campbell, S.D. *see* Heinrichs, R.M. 120652
Campeanu, C. *see* Calude, C. 66274
Campello, A.C. *see* Araujo, C.S. 112847
Campello de Souza, J., Campello de Souza, R.M. Product codes and private-key encryption 66485
Campello de Souza, R.M. *see* Campello de Souza, J. 66485
Campelo, J.C., Rodriguez, F., Serrano, J.J., Sanchez, M., Ors, R. System monitoring for a real time local area network 98733
Campelo, J.V., Jr. *see* Romariz, A.R.S. 104775
Campenhout, J.Van *see* Van Campenhout, J.
Campesato, R. *see* Timo, G. 61266
Camphausen, S.M. *see* Myers, A.F. 74037
Camphausen, S.M. *see* Myers, A.F. 83701
Campi, D. *see* Faustini, L. 106851
Campi, D. *see* Rigo, C. 61268
Campi, F., Mascherpa, C., Sterlini, C., Pacenti, P., Terrani, S. A gas scintillation monitor for tritium gas in argon or in nitrogen 120189
Campidelli, Y. *see* Boucaud, P. 94512
Campillo, P. *see* Mercantini, J.M. 110932
Campillo, T. *see* Ramos, G. 102215
Campion, D.C. *see* Farber, M.S. 108549
Campion, M.J. *see* Bishop, J.W. 113964
Campion, R., de Angelis, A., de Lotto, B., Hahn, F., Huet, K., Reale, M., Sponholz, P., Tzamarias, S. Identified final states in the hadronic decays of the Z 69727
Campion, S.D., Jarvis, J.L. An investigation of the implementation of the p-version finite element method 82567
Campisano, S.U., Privitera, V., Raneiri, V., Spinella, C., Saggio, M. Two-dimensional carrier profiling in submicron structures 62670
Campisano, S.U. *see* Kyllesbech Larsen, K. 94659
Campisano, S.U. *see* Lombardo, S. 105920
Campisano, S.U. *see* Priolo, F. 114898
Campisano, S.U. *see* Raineri, V. 105121
Campiti, M., Metafune, G. Approximation of solutions of some degenerate parabolic problems 72699
Campman, K. *see* Ferreira, A.C. 62963
Campman, K. *see* Ferreira, A.C. 105400
Campman, K. *see* Unterrainer, K. 105399
Campman, K.L. *see* Beck, R.G. 74762
Campman, K.L. *see* Beck, R.G. 110137
Campman, K.L. *see* Crouch, C.H. 105390
Campman, K.L. *see* Crouch, C.H. 105413
Campman, K.L. *see* Eriksson, M.A. 94456
Campman, K.L. *see* Katine, J.A. 106105
Campman, K.L. *see* Sundaram, M. 105436
Campodonico, N.M. *see* Pereira, M.V.F. 91064
Campoli, B. *see* Dalle, C. 73730
Campolo, M. *see* Morabito, F.C. 61467
Campolo, M. *see* Morabito, F.C. 113624
Campones do Brasil, D.O., Afonso de Carvalho, M., Jr. Application of saturated reactors on power transmission system 111552
Campones do Brasil, D.O. *see* Kastrup, O. 121243
Camporese, A. *see* Berti, M. 92757
Camporese, A. *see* Rossetto, G. 61265
Camporesi, T. *see* Alvsvaag, S.J. 90124
Campos, A.G., da Fontoura Costa, L., Koberle, R. Wavelet boundary descriptors 108581
Campos, C. *see* Gama, S. 75103
Campos, D.O. *see* Lebedev, S.V. 110513
Campos, D.O. *see* Moshkalyov, S.A. 94741
Campos, F.F., Rollett, J.S. Analysis of preconditioners for conjugate gradients through distribution of eigenvalues 72610
Campos, J. *see* Ahouzi, E. 98160
Campos, J. *see* Ahouzi, E. 108647
Campos, J. *see* Bosch, S. 108491
Campos, J. *see* Corredera, P. 64683
Campos, J. *see* Kober, V. 98156
Campos, J. *see* Moreno, I. 86976
Campos, J. *see* Moreno, I. 117707
Campos, J. *see* Styczynski, K. 77394
Campos, J. *see* Vargas, A. 117708
Campos, J. *see* Yzuel, M.J. 116195
Campos, L.L. *see* Potiens, A.J., Jr. 110981
Campos, M.de *see* de Campos, M.
Campos, M.F.Montegro *see* Montegro Campos, M.F.
Campos Neto, S.F.De *see* De Campos Neto, S.F.
Campos Neves, J.A. *see* Aparicio Fernandes, J.C. 97975
Camposano, R. Behavioral synthesis 83015
Camposano, R. *see* Wilberg, J. 93050
Campoy, C. *see* Baldomir, D. 76413
Camps, A. *see* Martin-Neira, M. 111288
Camps, A. *see* Torres, F. 90756
Camps, I. *see* Marin, E. 76008
Camps, J. *see* De Moor, P. 69800
Camps, O.I. *see* Babich, G.A. 67372
Camras, M.D. *see* Hofler, G.E. 96019
Camut, J.-L. *see* Noor, Y.M. 83614
Can Lu *see* Lu Can
Canac, J.-F. *see* Clark, M. 68902
Canagarajah, N. *see* Porter, R. 86806
Canal, F. *see* Artigas, D. 106843
Canales, V.F. *see* Cagigal, M.P. 110380
Canali, C. *see* Alietti, M. 120150
Canali, C. *see* Bertuccio, G. 120200
Canali, C. *see* Meneghesso, G. 63759
Canali, C. *see* Meneghesso, G. 84473
Canali, C. *see* Meneghesso, G. 106052
Canali, C. *see* Nava, F. 80028
Canali, C. *see* Nava, F. 100869
Canali, C. *see* Zanoni, E. 63760
Canali, M. *see* Albanese, R. 65690
Canalli, V.M., Cobos, J.A., Oliver, J.A., Uceda, J. Behavioral large signal averaged model for DC/DC switching power converters 121712
Canavan, E.R., Moody, M.V., Paik, H.J., Shirron, P.J., DiPirro, M.J. Predicted performance of the superconducting gravity gradiometer on the Space Shuttle 111155
Canavan, E.R. *see* Shirron, P.J. 111156
Canavero, F.G. *see* Maio, I. 97184
Canavero, F.G. *see* Pignari, S. 107935
Canbay, C. *see* Unverdi, N.O. 116063
Cancela, H., El Khadiri, M. A simulation algorithm for source-terminal communication network reliability 67604
Cancellieri, G., Chiaraluce, F., Gambi, E. PPM transmission over a photon counting channel: Comparison among various transmission formats 88057
Cancer, A. *see* Garijo, M. 87611
Canchi, R., Akaiwa, Y. Theoretical analyses of data communications integrated into cordless voice channels 118907
Canciani, G. Italian traction system 71842
Canciauro, G., Perregrini, L., Belloni, P. Wideband analysis of E-plane metal insert filters by the "boundary integral-resonant mode expansion method" 114213
Cancio, P. *see* Prevedelli, M. 65472
Cand, M. *see* Deltoso, C. 73057
Candela, V.E. *see* Arandiga, F. 60988
Candelori, A. *see* Bacchetta, N. 80042
Candelori, A. *see* Bacchetta, N. 100853
Cander, L.R. *see* Zolesi, B. 76421
Candolfo, D. *see* Bottoni, G. 64434
Candolfo, D. *see* Bottoni, G. 106516
Candolfo, D. *see* Bottoni, G. 106542
Candolfo, D. *see* Bottoni, G. 106559
Candolfo, D. *see* Bottoni, G. 115593
Candry, P., Derijcke, C. Light-valve and CRT projection systems 89432
Candusso, M. *see* Barbiellini, G. 69722
Candy, J.V., Sullivan, E.J. Model-based identification: an adaptive approach to ocean-acoustic processing 86242
Candy, J.V., Thomas, G.H., Chinn, D.J., Spicer, J.B. Laser ultrasonic signal processing: a model-reference approach 90870
Cane, C. *see* Santander, J. 119833
Cane, V., Botti, P., Cavani, F., Giardino, R., Fini, M., Soana, S. Elaboration of an experimental, animal model for quantitative and qualitative studies on reparative osteogenesis 90630
Caneau, C. *see* Amersfoort, M.R. 75660
Caneau, C. *see* Amersfoort, M.R. 88482
Caneau, C. *see* Fay, P. 68450
Caneau, C. *see* Fay, P. 78807
Caneau, C. *see* Lee, T.-P. 78880
Caneau, C. *see* Mahajan, A. 63793
Caneau, C. *see* Sa'ar, A. 62841
Caneau, C. *see* Soole, J.B.D. 106926
Caneau, C. *see* Soole, J.B.D. 106928
Caneau, C. *see* Wohlmutt, A. 100042
Caneau, C. *see* Yoo, S.J.B. 64816
Caneau, C. *see* Yoo, S.J.B. 65465
Caneau, C. *see* Yoo, S.J.B. 78782
Caneau, C. *see* Yoo, S.J.B. 107522
Caneau, C. *see* Zah, C.E. 68417
Caneau, C. *see* Zah, C.E. 76034
Caneau, C. *see* Zhang, X. 107245
Canedy, C.L., Gong, G.Q., Wang, J.Q., Gang Xiao Large magnetic Hall effect in ferromagnetic Fe$_x$Pt$_{100-x}$ thin films 75117
Canegalli, A., Favalli, L., Mecocci, A., Pizzi, R. Recurrent backpropagation networks receiver for modulated signals over noisy channels 119075
Canegallo, R., Chinosi, M., Kramer, A. A low-power high-precision tunable WINNER-TAKE-ALL network 62133
Canela, Z. *see* Chaminade, G. 108982
Canelhas, A., Peixoto, C.A.O., Porangaba, H.D. Converter station specification considering state of the art technology 91117
Canella, S. *see* Bedin, R. 100983
Caner, A. *see* Angelini, F. 80046
Canesin, C.A., Barbi, I. Analysis and design of constant-frequency peak-current-controlled high-power-factor boost rectifier with slope compensation 71457
Canestrari, D. *see* Bosley, L. 94142
Canetti, R., Feige, U., Goldreich, O., Naor, M. Adaptively secure multi-party computation 97467
Canetti, R. *see* Bellare, M. 97491
Caneva, E. *see* Aiello, A. 113618
Caneva, G. *see* Caccavale, F. 95755
Caneve, M. *see* Gagliardi, R. 118506
Canfield, L.R. *see* Gullikson, E.M. 79425
Cangellaris, A. *see* Li Zhao 97282
Cangellaris, A. *see* Pinello, W. 65818
Cangellaris, A.C. *see* Celik, M. 60658
Cangellaris, A.C. *see* Celik, M. 85919
Cangellaris, A.C. *see* Li Zhao 61047
Cangellaris, A.C. *see* Pasik, M.F. 97370
Cangellaris, A.C. *see* Zhao, L. 85845
Cangpu Wu *see* Wu Cangpu
Cangsang Zhao, Engelmann, R. Short-time rapid thermal annealing processes for periodically domain-inverted structures with nearly straight domain walls in proton-exchanged LiTaO$_3$ 96689
Canham, L.T., Loni, A., Calcott, P.D.J., Simons, A.J., Reeves, C., Houlton, M.R., Newey, J.P., Nash, K.J., Cox, T.I. On the origin of blue luminescence arising from atmospheric impregnation of oxidized porous silicon 94267
Canham, L.T. *see* Loni, A. 95742
Canham, R.C., Smith, S.L., Tyrrell, A.M. Parallel approaches to the segmentation of free-hand drawings 117620
Caniggia, S., Catello, L., Costa, V., Marano, G., O'Riordan, N., Vitucci, L. Controlling radiated emission from a physically large telecommunication system 107931
Canillas, A. *see* Costa, J. 94263
Canioni, L. *see* Bousquet, B. 76209
Canioni, L. *see* Cardinal, T. 96732
Canioni, L. *see* Segonds, P. 79741
Canistraro, H. *see* Malla, R.B. 100055
Canizares, C.A., De Souza, A.C.Z., Quintana, V.H. Comparison of performance indices for detection of proximity to voltage collapse 101733
Canizares, C.A. *see* Alvarado, F.L. 111431
Canizares, P., Torres, J.L., Mata, S. The first Spanish experience on digital terrestrial television broadcasting 119364
Canizo, C.Del *see* Del Canizo, C.
Canja, N. *see* Gheorghiu, D. 102449
Canjea, S., Thornes, C. Buff load and crashworthiness requirements for the NJ TRANSIT low-floor light rail vehicle 91841
Cankocak, K. *see* Bell, W. 120174
Cann, C.E. *see* Blankespoor, S.C. 101145
Cann, C.E. *see* Blankespoor, S.C. 101286
Cann, D.P., Randall, C.A. Electrode effects in positive temperature coefficient and negative temperature coefficient devices measured by complex-plane impedance analysis 93947
Cannas, M., Garbato, A., Garbato, T.L., Ledda, F., Navarra, G. Crystal growth structure of MnGa$_2$Te$_4$ 72751
Canneyt, M.Van *see* Van Canneyt, M.
Canning, F.X., Scholl, J.F. Diagonal preconditioners for the EFIE using a wavelet basis 107692
Canning, J., Janos, M., Sceats, M.G. Rayleigh longitudinal profiling of optical resonances within waveguide grating structures using sidescattered light 64647
Canning, J., Janos, M., Sceats, M.G. Rayleigh z-scan profiling of grating structures and resonances in optical fibres using side scattered light 75490
Canning, J., Janos, M., Sceats, M.G. Ultra-low power all-optical fibre switches 75492
Canning, J., Janos, M., Stepanov, D.Yu., Sceats, M.G. Direct measurement of grating chirp using resonant side scatter spectra 99554
Canning, J., Moss, D.J., Faith, M., Leech, P., Kemeny, P., Poulsen, C.V., Leistiko, O. Ultrastrong UV written gratings in PECVD grown germanosilicate rib waveguides 96049
Canning, J. *see* Fife, L.D. 80652
Canning, J. *see* Janos, M. 75460
Canning, J. *see* Stepanov, D.Y. 75859
Cannistra, C., Covitti, A., Sallustio, D., Sylos Labini, M. A thermal network to study the stator temperatures of the induction motors having high air gap 102711
Cannistra, G., Labini, M.S. Finite element analysis of the thermal field in the rotor during induction motor start-up 61125
Cannon, D.J. *see* Park, K. 86785
Cannon, D.J. *see* Wang, C. 82312
Cannon, J. *see* Marshall, I. 80282
Cannon, M. *see* Kelly, P.M. 66922
Cannon, M.E. *see* Lachapelle, G. 88392
Cannon, M.E. *see* Lachapelle, G. 99693
Cannon, M.E. *see* Tiemeyer, B. 79081
Cannon, M.F., Moliere, M., DePietro, S.M., Perkavec, M. Low NOx technologies for stationary gas turbines: an overview of EGT experience and achievements 81327
Cannon, P.S., Weitzen, J.A., Ostergaard, J., Rasmussen, J.E. Relative impact of meteor scatter and other long-distance high-latitude propagation modes on VHF communication systems 116900
Cannon, P.S. *see* Lundborg, B. 99057
Cannon, R. *see* Stewart, H. 88424
Cannon, S. *see* Leconte, A. 98819
Cannon, T.W. *see* Myers, D.R. 112351
Canny, D., Barry, N. Performance aspects of a three-level voltage source inverter for induction motor drives 91646
Canoglu, E., Ching-Mei Yang, Garmire, E., Mahgerefteh, D., Partovi, A., Chiu, T.H., Zydzik, G.J. Carrier transport in a photorefractive multiple quantum well device 85671
Canon, E. *see* Wei Jing-Yuan 80829
Canova, A., Chiampi, M., Chiarabaglio, D., Tartaglia, M. A circuital approach for simulating short circuit tests in induction motors 102712
Canova, A. *see* Gair, S. 71372
Canova, A. *see* Gair, S. 112003
Cantalejo, C. *see* Espinosa, G. 110280
Cantalloube, H. *see* Nahum, C. 68574

Cantalloube, H. *see* Nahum, C. 68590
Cantalloube, H.M.J., Nahum, C.E. Autofocusing of (inverse) synthetic aperture radar for motion compensation 120944
Cantarella, G., Carrescia, V., Tommasini, R. Quality of residual current-operated circuit breakers 81622
Cantatore, E. *see* Antinori, F. 120156
Cantatore, E. *see* Bolt, M. 115335
Cantatore, G. *see* Arfelli, F. 90367
Cantatore, G. *see* Arfelli, F. 90432
Cantatore, G. *see* Arfelli, F. 110579
Cantatore, G. *see* De Riva, A.M. 96579
Cante, C. *see* Machenaud, H. 111755
Canteaut, A. *see* Camion, P. 86071
Canteaut, A. *see* Camion, P. 97532
Cantello, R., Gianelli, M., Civardi, C., Mutani, R. Parkinson's disease rigidity: EMG in a small hand muscle at "rest" 80397
Cantemir, L., Schreiner, C. Dynamic parameter control possibilities of linear induction motor oscillators 71357
Cantin, J.L., Schoisswohl, M., Grosman, A., Lebib, S., Ortega, C., von Bardeleben, H.J., Vazsonyi, E., Jalsovszky, G., Erostyak, J. Anodic oxidation of p- and p^+-type porous silicon: surface structural transformations and oxide formation 94259
Cantin, J.L., Schoisswohl, M., von Bardeleben, H.J., Hadj Zoubir, N., Vergnat, M. Observation of (100) surfaces in p-type porous silicon by electron paramagnetic resonance 94305
Cantin, J.L. *see* Morazzani, V. 94249
Cantin, J.L. *see* Schoisswohl, M. 94440
Cantin, M.-A. *see* Granger, E. 108353
Cantley, I. *see* Butterwick, N.B. 67810
Canto, M.I. *see* Izatt, J.A. 120406
Cantoni, A. *see* Abeysekera, S.S. 104639
Cantoni, A. *see* Abeysekera, S.S. 118010
Cantoni, A. *see* Smith, J.J. 66716
Cantoni, A. *see* Smith, J.J. 109813
Cantoni, A. *see* Wei Xing Zheng 97718
Cantoni, V., Guerra, C. Generating tree models of 2D objects 86800
Cantrell, B.H. *see* Rademacher, P.E. 109720
Cantu e Marcello Fontanesi, P. *see* Riccardi. C. 68990
Cantwell, G. *see* Boney, C. 85508
Canuteson, E.L., Zumberge, M.A. Fiber-optic extrinsic Fabry-Perot vibration-isolated interferometer for use in absolute gravity meters 100049
Canva, M. *see* Dubois, A. 84940
Canva, M. *see* Faloss, M. 96121
Canyon, J. *see* Wiederspahn, L. 73819
Cao, B.C. *see* Du, J.F. 95895
Cao, G. *see* Freibert, F. 75301
Cao, G.Y. *see* So, B.K.L. 84129
Cao, H., Pau, S., Yamamoto, Y. Observation of exciton-polariton ladder in semiconductor microcavity 107411
Cao, H. *see* Zhang, Z. 86546
Cao, H.Q., Li, W. Optimized multi-level codebook searching algorithm for vector quantization in image coding 86486
Cao, H.Q., Wang, C.C., Li, W. Variable rate lattice VQ algorithm for vector subband coding 86488
Cao, J., Sanders, D.B. Multivariate discriminant analysis of the electromyographic interference pattern: statistical approach to discrimination among controls, myopathies and neuropathies 120464
Cao, J., Steele, R., Yao, L.J., Jia, W. Design and simulation of a reliable token-ring protocol for realtime communications 108846
Cao, J. *see* Jia, W. 87446
Cao, J. *see* Yahagi, T. 77025
Cao, J.C., Lei, X.L. Carrier transport simulation for bulk $Al_xGa_{1-x}As$ with a Γ-L-X band structure based on Lei-Ting balance equations 74256
Cao, J.C., Lei, X.L. Modelling semiconductor device using the hydrodynamic balance equations with accurate collision integral terms 105847
Cao, J.C. *see* Lei, X.L. 94235
Cao, J.G. A simplified 2-D analytic model for the threshold-voltage of fully depleted short gate-length Si-SOI MESFET's 95038
Cao, J.Y. *see* Biao Li 82654
Cao, J.Y. *see* Li, B. 94335
Cao, K. *see* Radwan, H.R. 64403
Cao, L., Krusius, J.P., Korhonen, M., Fisher, T. Transient thermal management in electronic packaging using dynamic control of power dissipation and heat transfer 112926
Cao, L.J., Shi, J. A neural network controller design for power systems 101774
Cao, L.J. *see* Shi, J. 101899
Cao, L.J. *see* Zhang, J. 81509
Cao, L.L. *see* Rastomjee, C.S. 105567
Cao, M., Kuehne, S.C., Saraswat, K.C., Wong, S.S. A low thermal budget polysilicon thin film transistor using chemical mechanical polishing 84401
Cao, P.L. *see* Radny, M.W. 74116
Cao, Q., Gurcan, M.K. Markov model and delay analysis for group ALOHA systems 118100
Cao, R. *see* Borm, P.E.M. 72450
Cao, S., Fletcher, R., Lakrimi, M., Mason, N.J., Nicholas, R.J., Walker, P.J. Thermopower and conductivity of InAs/GaSb crossed-gap heterostructures in a magnetic field 114686
Cao, S. *see* Sinnott, H. 118954
Cao, S.M., Willander, M., Toropov, A.A., Shubina, T.V., Mel'tser, B.Ya., Shaposhnikov, S.V., Kop'ev, P.S., Bergman, J.P., Holtz, P.O., Monemar, B. Characterization of $Al_{0.4}Ga_{0.6}As/GaAs$ aperiodic superlattices by photoluminescence spectroscopy at 2 K 114765
Cao, T. *see* Teggatz, R. 91617
Cao, X.D., Barnett, B.C., Ahn, K.H., Liang, Y., Williams, G.R., Vaziri, M., Islam, M.N. Experimental cascaded operation of low-birefringence nonlinear-optical loop mirrors 95906
Cao, X.D. *see* Ahn, K.H. 95903
Cao, Y., Sridharan, S., Moody, M. Simulation of cocktail party effect with neural network controlled iterative Wiener filter 86127
Cao, Y. *see* Meng, R.L. 75302
Cao, Z.-J., Holder, L.E. Experimental comparison of three reconstruction algorithms for single-orbit cone beam SPECT 101164
Cao Caizhi *see* Caizhi Cao
Cao Danhua, Wu Yubin, Ruan Yu An analysis of bit error characteristics in data channels for magneto-optical storage systems 106764
Cao Dongqing *see* Dongqing Cao
Cao Guangyi, Yoshiba Humihiko Dynamic analysis and response of molten carbonate fuel cell of stack 112310
Cao Guochen, Song Jiahua The compensation method for manipulating node combinations and separations in network analysis 90949
Cao Guoqiang *see* Huang Xianlie 117817
Cao Handing *see* Xu Minghou 121362
Cao Jiannon *see* Jiannon Cao
Cao Jiannong *see* Jiannong Cao
Cao Jianting *see* Jianting Cao
Cao Jieyuan *see* Jieyuan Cao
Cao Jinrong *see* Sun Xiaowei 74755
Cao Jinrong *see* Jinrong Cao
Cao Jun Hua An improved algorithm for generating sum of disjoint products 118169
Cao Junzhong *see* Junzhong Cao
Cao Kang, Zhang Huiyuan, Cao Qixiang, Zhong Yuexian Phase measuring method of a simulated automobile body part 79691
Cao Lei *see* Lei Cao
Cao Li *see* Long Quan 85354
Cao Menglin *see* Menglin Cao
Cao Mingcui *see* Liu Zhonglin 68023
Cao Qixiang *see* Cao Kang 79691
Cao Rongjiang, Gu Nihong, Sheng Yong Test study on self-extinction behavior of secondary arc on power system 70639
Cao Wei, Honghai Zhang, Lu Tao, Wenju Li, Hanmin Shi A circular arc bending model of piezoelectric tube scanners 75063
Cao Wei *see* Wei Cao
Cao Weizhong *see* Wang Lei 81058
Cao Wen-Hua *see* Wen-Hua Cao
Cao Wenhua, Lu Guifang, Liu Songhao Ultrashort optical pulse generation through pulse compression and ultrafast stimulated Raman scattering in single-mode fibers 64665
Cao Wenwu *see* Wenwu Cao
Cao Xi-Ren *see* Xi-Ren Cao
Cao Xianan *see* Xianan Cao
Cao Xianguo *see* Xianguo Cao
Cao Xuelong *see* Xuelong Cao
Cao Yewen, Xiang Haige Analysis of antijamming performance of multicarrier frequency diversity spread spectrum communication system 118801
Cao Yong *see* Yong Cao
Cao Yu *see* Yu Cao
Cao Zechun *see* Zhang Feng 95270
Cao Zhengya *see* Zhengya Cao
Cao Zhigang *see* Fan Pingyi 117144
Cao Zhigang *see* Fan Pingyi 119109
Cao Zhigang *see* Zhigang Cao
Cao Zhong *see* Zhong Cao
Cao Zongjian *see* Zongjian Cao
Caorsi, S., Gragnani, G.L., Pastorino, M. An analysis of some regularization methods for inverse scattering in the spatial domain 67218
Caorsi, S., Gragnani, G.L., Pastorino, M., Rebagliati, M. A model-driven approach to microwave diagnostics in biomedical applications 120364
Caorsi, S., Massa, A., Pastorino, M. An iterative approach to the computation of the bistatic scattering width for a nonlinear dielectric cylinder of arbitrary cross-section under TM illumination 107851
Caorsi, S., Massa, A., Raffetto, M. Is the moment/finite element method trustworthy? 103793
Caorsi, S., Perasso, A. Aperture antennas analysis by a numerical integral formation solution 66011
Caorsi, S., Raffetto, M. Electromagnetic boundary value problem in the presence of a partly lossy dielectric: considerations about the uniqueness of the solution 96886
Caorsi, S. *see* Azaro, R. 103146
Capaldi, A. *see* Bedin, R. 100983
Capaldo, G., Volpe, A., Zollo, G. Management of capabilities and situations in R&D centres: the matrix of competences 103376
Capalino, F., Graziani, M., Maci, S., Mioc, F., Tiberio, R. Radiation by a circular open ended waveguide including near field and far out side lobes 97280
Capano, M.A. *see* Eyink, K.G. 82684
Capano, M.A. *see* Voevodin, A.A. 82722
Caparros-Lefebvre, D. *see* Dufrenois, F. 108584
Capasso, A., Morelli, V. Electrification of the new Italian high-speed railway network–a survey of 3 kV DC and 2×25 kV AC alternatives 112495
Capasso, F., Faist, J., Sirtori, C. Mesoscopic phenomena in semiconductor nanostructures by quantum design 114740
Capasso, F., Faist, J., Sirtori, C., Sivco, D.L., Hutchinson, A.L., Cho, A.Y. Quantum cascade lasers: a unipolar intersubband semiconductor laser 65210
Capasso, F. *see* Faist, J. 75981
Capasso, F. *see* Faist, J. 85460
Capasso, F. *see* Faist, J. 96258
Capasso, F. *see* Faist, J. 116540
Capasso, F. *see* Sirtori, C. 65257
Capasso, F. *see* Sirtori, C. 85461
Cape, E.G., Hsing-Wen Sung, Yoganathan, A.P. Hemodynamic assessment of Carbomedics bileaflet heart valves by ultrasound: studies in the aortic and mitral positions 80477
Cape, E.G. *see* Grimes, R.Y. 80357
Capeans, M. *see* Bouclier, R. 80043
Capece, P., Basile, A., Aristei, F., Foldes, P., Badessi, S. S/Ka bands feed design for the inter orbit link antenna of ARTEMIS satellite 66179
Capece, P. *see* Di Fausto, M. 66019
Capehart, B.L., Capehart, L.C. Technologies, regulations and services for improving industrial energy efficiency 82019
Capehart, L.C. *see* Capehart, B.L. 82019
Capel, A., O'Sullivan, D. Very high frequency regulator for space applications 120631
Capella, R.-M. *see* Simes, R. 76018
Capella, R.M. *see* Simes, R. 65223
Capellano, V. *see* Geller, B. 68535
Capelle, A.van de *see* van de Capelle, A.
Capelle, B. *see* Zheng, Y. 72841
Capelle, F. *see* Maleck-Rassoul, R. 76213
Capellmann, C., Hermansen, K., Mudhar, P., Norgaard, J. The P103 service creation environment model 98825
Capener, J.R. *see* Moyes, A. 71028
Caperan, F. *see* Cribier, M. 110538
Caperan, T., Hyslop, J., Hayward, G. A high frequency sonar simulator for accurate prediction of acoustic system performance in the underwater environment 109816
Capewell, D. *see* Garbuzov, D. 96260
Capezzali, M., Mombelli, M., Beck, H. Dynamics of vortices in disordered Josephson junctions arrays 95467
Capezzuto, P. *see* Bruno, G. 61264
Capezzuto, P. *see* Bruno, G. 94730
Capezzuto, P. *see* Cicala, G. 72883
Capezzuto, P. *see* Losurdo, M. 63331
Capilla, A.Valero *see* Valero Capilla, A.
Capin, T.K. *see* Pandzic, I.S. 118560
Capineri, L., Calzolai, M., Rocchi, S., Fiorilla, A.S. A digital system for accurate ranging with airborne PVDF ultrasonic transducers 101607
Capineri, L., Fiorillo, A.S., Rocchi, S. Low frequency PVDF transducers for 3D object profiling in air 111398
Capineri, L., Masotti, L., Rocchi, S., Andreuccetti, F., Cerofolini, M., Tondini, A. Nearly real-time visualization of arbitrary two-dimensional sections from three-dimensional acquisition 69983
Capitaine, T., Mouaddib, E.M., Trannois, H., Lebrun, A. Automatic recognition of musical scores 86698
Capitani, G.P. *see* Avakian, H. 110594
Capitao, J.A. *see* Lazaridis, M. 111749
Capjack, C.E. *see* Bilida, W.D. 116297
Capjack, C.E. *see* Scott, S.W.C. 107077
Capjack, C.E. *see* Strohschein, J.D. 96097
Caplan, D.O., Kanter, G., Kumar, P. Technique for measuring time-dependent optical nonlinearities using continuous time-resolved Z-scan 116703
Caplan, D.O., Kanter, G.S., Kumar, P. Characterization of dynamic optical nonlinearities by continuous time-resolved Z-scan 110414
Caplan, M., Valentini, M., van der Geer, C., Urbanus, W. Design and characterization of the DC acceleration and transport system required for the 1 MW free electron maser experiment 96076
Caplan, M. *see* Tulupov, A.V. 96479
Caplen, J.E. *see* Loh, W.H. 116410
Caplier, A., Dumontier, C., Luthon, F., Coulon, P.-Y. MRF-based motion detection algorithm image processing board implementation 117655
Caplow, S. Cycle simulation: technology, methodology and mythology 73201
Capman, F. *see* Boudy, J. 67975
Capmany, J., Pastor, D., Marti, J. EDFA gain equalizer employing linearly chirped apodized fiber gratings 75853
Capmany, J. *see* Marti, J. 68461
Capmany, J. *see* Marti, J. 99552
Capmany, J. *see* Peral, E. 64654
Capms, A. *see* Martin-Neira, M. 111184
Capobianco, A.-D. *see* Mansour, I. 64757
Capocci, F.A. *see* McAllister, A. 99993
Capocelli, R.M. *see* Tallini, L.G. 66382
Capoen, B. *see* Dalle, C. 73730
Capogna, L. *see* Monaco, R. 64539
Capolino, F., Giuli, D., Facheris, L., Sottili, F. Estimating RCS of the sea surface perturbed by rain for rainfall rate retrieval 111202
Capolino, F., Maci, S. Uniform high-frequency description of singly, doubly, and vertex diffracted rays for a plane angular sector 116864

Capolino, G.A. *see* Bassily, E. 111912
Capolino, G.A. *see* Beguenane, R. 91822
Capolino, G.A. *see* Beguenane, R. 121956
Capolino, G.A. *see* Beguenane, R. 121984
Capolino, G.A. *see* Henao, H. 121938
Capolino, G.A. *see* Martinez-Velasco, J.A. 104316
Capolino, G.A. *see* Martinez-Velasco, J.A. 112434
Capolsini, P. *see* Damiano, J.-P. 65989
Capone, A., Musumeci, L. Packet data access in DECT systems 118354
Capone, A. *see* Bianchi, G. 78515
Capone, A. *see* Di Capua, E. 110598
Capone, D. *see* Haddock, C. 95575
Capone, J.M., Stavrakakis, I. Achievable QoS and scheduling policies for integrated services wireless networks 118516
Caponetti, L. *see* Abbattista, F. 87094
Caponetto, R., Fortuna, L., Manganaro, G., Xibilia, M.G. Synchronization-based nonlinear chaotic circuit identification 61564
Caporaso, G. *see* Sampayan, S. 83687
Caporaso, G. *see* Sampayan, S. 89616
Caporaso, G. *see* Sampayan, S. 89780
Caporaso, G. *see* Westenskow, G. 83757
Caporaso, G. *see* Westenskow, G. 89715
Caporossi, D., Marschner, F.E., Read, S. Rule checking at the register level 73206
Capote, M.A. *see* Gallagher, C. 94066
Capozzi, V., Lorusso, G.F., Martin, D., Perna, G., Staehli, J.L. Temperature and excitation intensity dependencies of the photoluminescence spectra of GaAs/(AlGa)As disordered superlattices 114794
Capozzi, V. *see* Bruno, G. 61264
Capozzi, V. *see* Bruno, G. 94730
Cappa, P., Sciuto, S.A., McConnell, K., Zachary, L. Verification of the duplex gauge using variable strains and temperatures 69518
Cappannini, O.M. *see* Weht, R. 75315
Cappel, K.L. *see* Hamma, G.A. 61511
Cappellari, A. *see* Bonsignorio, M. 98967
Cappelli, E., Pinzari, F., Ascarelli, P., Righini, G. Diamond nucleation and growth on different cutting tool materials: influence of substrate pre-treatments 72916
Cappelli, E. *see* Ascarelli, P. 72919
Cappelli, E. *see* Salvatori, S. 85279
Cappelli, E. *see* Salvatori, S. 114690
Cappelli, M.A. *see* Storm, P.V. 110418
Cappellini, V. *see* Argenti, F. 66823
Cappels, R. Method of accurately setting CRT displays to arbitrary white points 89363
Capper, P., O'Keefe, E.S., Maxey, C., Dutton, D., Mackett, P., Butler, C., Gale, I. Matrix and impurity element distributions in CdHgTe (CMT) and (Cd,Zn)(Te,Se) compounds by chemical analysis 94719
Capper, P. *see* McAllister, A. 99993
Capper, P. *see* Wasenczuk, A. 74235
Capperdoni, C. *see* Benati, A. 121897
Capperi, P. *see* Alparone, L. 86973
Cappi, R., Durieu, L., Hemery, J.-Y., Martini, M., Riunaud, J.-P., Steinbach, C. Fast extracted proton beams at low energies in the CPS East Experimental Area 79927
Cappi, R. *see* Blas, F. 79935
Capps, C. *see* Crooks, M. 67006
Capps, M., Laddi, B., Stotts, D., Nyland, L. Educational applications of multi-client synchronization through improved Web graph semantics 112813
Cappuccino, G., Cocorullo, G., Corsonello, P., Schirinzi, G. Design and demonstration of a real time processor for one-bit coded SAR signals 109744
Cappuccino, G., Cocorullo, G., Corsonello, P., Schirinzi, G. Real-time processing of one-bit-coded SAR data 119307
Cappuzzo, M.A. *see* Kohnke, G.E. 95939
Cappy, A. Metamorphic InGaAs/AlInAs heterostructure field effect transistors: layer growth, device processing and performance 95076
Cappy, A. *see* Fourre, H. 106059
Cappy, A. *see* Plana, R. 83408
Cappy, A. *see* Schuler, O. 104835
Cappy, A. *see* Tadyszak, P. 105110
Caprara, A., Fischetti, M., Toth, P. A heuristic algorithm for the set covering problem 113129
Caprile, C. *see* Morgan, S. 115016
Caprio, G. *see* Weese, S. 108957
Capsoni, C. *see* Bosisio, A. 78616
Capsoni, C. *see* Paraboni, A. 99439
Capsoni, D. *see* Corti, M. 84770
Capstick, M.H. *see* Ahmad, R. 73778
Capsuto, E. *see* Baker, D. 105819
Capua, C.De *see* De Capua, C.
Capua, E.Di *see* Di Capua, E.
Caputa, K., Stuchly, M.A. Computer controlled system for producing uniform magnetic fields and its application in biomedical research 62394
Caputa, K. *see* Ali, M. 117044
Caputo, D., de Cesare, G. New a-Si:H two-terminal switching device for active display 94898
Caputo, D., de Cesare, G., Irrera, F., Palma, F. Solar-blind UV photodetectors for large area applications 110149
Caputo, D., Irrera, F., Palma, F., Rachele, S.R., Tucci, M. Amorphous silicon optical spectrum analyzer for the visible range 100018
Caputo, D., Palma, F. Theory of low temperature capacitance measurements on amorphous silicon thin film solar cells 81877
Caputo, J.-G., Flytzanis, N., Vavalis, E. Effect of geometry on fluxon width in a Josephson junction 106688
Caputo, M.R. The envelope theorem and comparative statics of Nash equilibria 72456
Caquineau, H., Dupont, G., Despax, B., Couderc, J.P. Reactor modeling for radio frequency plasma deposition of SiN$_x$H$_y$: comparison between two reactor designs 92823
Carabello, S., Gau, D., Howell, B., Koltick, D., Pischalnikov, Y., Michael, D. A precision technique for mounting scintillating fiber ribbons for charged particle tracking 100850
Carabello, S., Gau, D., Howell, B., Koltick, D., Pischalnikov, Yu., Michael, D. A precision technique for mounting scintillating fiber ribbons for charged particle tracking 80040
Caracci, S. *see* O'Brien, N.F. 75384
Caragiannopoulos, K. *see* Tsitsoglou, I. 95258
Caraiscos, C.G., Pekmestzi, K.Z. Systolic digital filters with reduced latency–serial implementation 83237
Caraiscos, C.G., Pekmestzi, K.Z. Low-latency bit-parallel systolic VLSI implementation of FIR digital filters 83240
Caramelle, L. *see* Frapard, B. 78618
Caramia, P., Verde, P. Active and reactive load demands in unbalanced industrial energy systems 103173
Caramia, P., Verde, P., Menniti, D. Evaluation of the losses in unbalanced three-phase power systems 120992
Caramitu, L. *see* Zaharescu, T. 64029
Caramma, M. *see* Trouve, E. 98008
Caranci, S. *see* Brown, S. 82891
Carande, R. *see* Burkhart, G.R. 120900
Carande, R.E. *see* Compton, M. 120711
Carande, R.E. *see* Ngai, F.M. 120902
Carangelo, R.M. *see* Morrison, P.W., Jr. 61420
Carastro, L. *see* Cross, J. 109659
Carathanassis, D. *see* Brauninger, H. 90702
Caratti, M. ENEA DATA. Real-time operating systems 61945
Caratti, M. High-speed DRAMs: criteria of choice 83121
Caratti, M. The realization of DSP functions with the FPGA 104511
Caratti, M. 10^{300} individual codes from a 1 kbit serial EPROM 113941
Caratti, M. 3 V, high-speed, TTL-compatible logic 114050
Caratti, M. Low voltage differential signalling (LVDS) 114408
Caratti, M. Chips for infra-red transmission 119141
Caratti, M. A/D convertor realized using microcontroller and RC networks 119581
Caravani, P., Di Gennaro, S. H$^\infty$ control of a nonlinear synchronous motor with uncertain parameters 71291
Caravella, J.S. A 0.9 V, 4 K SRAM for embedded applications 104561
Carayannis, E.G. Re-engineering high risk, high complexity industries through multiple level technological learning. A case study of the world nuclear power industry 81217
Carayannis, G. *see* Dologlou, I. 97736
Carayon, G. *see* Rey, L. 111079
Carazo, J.M. *see* Garcia, I. 98095
Carazo, J.M. *see* Marabini, R. 98222
Carbajo, J.J. MELCOR-calculated in-containment source terms using different release models 81263
Carballal, D., Salamanca, G., Deloddere, D. Access network evolution 118649
Carballo, M. *see* Tansel, I. 79239
Carbo, X. *see* Stapleton, S.P. 117070
Carbo, X. *see* Stapleton, S.P. 119001
Carbonaro, C.M., Bertoncini, R., Meloni, F., Rovere, M. Collective behaviour in the single-electron charging regime through classical molecular dynamics 63071
Carboncini, M.C. *see* Rossi, B. 90504
Carbone, A., Mazzetti, P. Current noise spectroscopy of deep energy levels in photoconductors 94342
Carbone, E., Magni, D., Braga, G. TMN based solution for integrated service and network management 108977
Carbone, J., Zarnowski, J., Pace, M., Czebiniak, S., Carta, R. Megarad and scientific CIDs 100128
Carbone, J. *see* Zarnowski, J. 100120
Carbone, P., Narduzzi, C., Petri, D. Performance of stochastic quantizers employing nonlinear processing 66677
Carbone, P. *see* Caciotta, M. 108351
Carbone, S. *see* Baiocco, C. 118655
Carbonelli, M., de Seta, D., Perucchini, D. Jitter and wander performance in synchronization distribution chains 110395
Carboni, G. *see* Dehning, B. 79949
Carbonne, D. *see* Blouvac, J. 68700
Carbunescu, E.G. Nonlinear optical effects in hydrogenated amorphous silicon 76271
Carcasci, C., Facchini, B. A numerical method for power plant simulations 81301
Carcelier, J.E. *see* Gamiz, F. 114669
Carceller, J.E. *see* Banqueri, J. 74746
Carceller, J.E. *see* Banqueri, J. 95015
Carceller, J.E. *see* Gamiz, F. 94610
Carceller, J.E. *see* Jimenez-Tejada, J.A. 94230
Carceller, J.E. *see* Roldan, J.B. 94975
Carceller, J.E. *see* Roldan, J.B. 115188
Carcenac, F. *see* Hehn, M. 64271
Carcenac, P. *see* Etrillard, J. 84136
Carchano, H. *see* Bendahan, M. 63123
Carciofi, C., Falciasecca, G., Frullone, M., Magnani, N.P., Palestini, V. Traffic-adaptive and interference-adaptive resource allocation schemes in GSM and DCS1800 systems under realistic traffic and propagation conditions: a case study 109488
Carciofi, C. *see* Frullone, M. 99296
Carcole, E. *see* Davis, J.A. 65558
Card, H.C. *see* Kamarsu, S. 76861
Card, H.C. *see* McIlraith, A.L. 77009
Card, H.C. *see* McNeill, D.K. 77297
Card, H.C. *see* Ng, K.W. 77008
Card, J., McGowan, A., Reed, C. Neural network approach to automated wirebond defect classification 72318
Cardama, A. *see* Rius, J.M. 65790
Cardama, A. *see* Rius, J.M. 68568
Cardarelli, G., Palumbo, M., Pelagagge, P.M. Photolithography process modeling using neural networks 84271
Cardarelli, R., Orengo, G., Piccinelli, G. 1 Gbit/s data transmission on coaxial cable up to 200 metres 118744
Cardarilli, G.C. *see* Bertazzoni, S. 83287
Cardella, G., Amorini, F., Cabibbo, M., Di Pietro, A., Fallica, G., Franzo, G., Figuera, P., Li, S., Musumarra, A., Papa, M., Pappalardo, G., Percolla, G., Priolo, F., Privitera, V., Rizzo, F., Tudisco, S. A monolithic silicon detector telescope 110599
Cardelli, E. 3-D circuital approach for the analysis of the electromagnetic transient diffusion of heat and current in conductive bodies 65630
Cardelli, E., Faina, L. Open-boundary, single-dielectric charge simulation method with the use of surface simulating charges 96922
Cardelli, E. *see* Angeli, M. 65898
Cardelli, E. *see* Angeli, M. 97198
Cardelli, E. *see* Angeli, M. 103133
Cardelli, E. *see* Angeli, M. 107744
Cardelli, E. *see* Angeli, M. 107949
Cardelli, S., Chiodo, M., Giusto, P., Jurecska, A., Lavagno, L., Sangiovanni-Vincentelli, A. Rapid-prototyping of embedded systems via reprogrammable devices 73055
Cardenas, J., Zhang, S.-L., Svensson, B.G., Petersson, C.S. On the formation of inhomogeneities in epitaxial CoSi$_2$ layers grown from the interaction of Co/Ti bilayers with Si ⟨100⟩ substrates 92706
Cardenas, M.J.Pozas *see* Pozas Cardenas, M.J.
Cardenas, R., Asher, G., Ray, W.F. Adaptive pitch control for variable speed wind turbines 102569
Cardenoso, V. *see* Sahelices, B. 76881
Carder, B. *see* Sampayan, S. 89616
Carder, B. *see* Sampayan, S. 89780
Carder, N. ATM: in-out service testing 77682
Carder, N. ATM test-cell formats for out-of-service and in-service testing 78279
Cardilli, F. *see* Abbattista, F. 86705
Cardillo, M.J. *see* Dhar, L. 85060
Cardimona, D.A. *see* Singh, A. 69167
Cardin, W. *see* Zampini, A. 105802
Cardinal, C. *see* Blondin, J.-P. 90624
Cardinal, F., Hongming An, Mag, I., Smith, R. A high-performance broadband MMIC PHEMT resistive drain mixer for 28-40 GHz band PCN applications 83428
Cardinal, H.N. *see* Tong, S. 110672
Cardinal, J.-S. *see* Ghannouchi, F.M. 93828
Cardinal, P.G. Automated coordination programs do not make correct results automatic 81153
Cardinal, T., Fargin, E., Le Flem, G., Couzi, M., Canioni, L., Segonds, P., Sarger, L., Ducasse, A., Adamietz, F. Nonlinear optical properties of some niobium (V) oxide glasses 96732
Cardinal, T. *see* Bousquet, B. 76209
Cardinal, T. *see* Segonds, P. 79741
Cardini, A. *see* Autiero, D. 69815
Cardini, A. *see* Autiero, D. 80006
Cardini, A. *see* Bosi, F. 90134
Cardman, L. *see* Benson, S.V. 96445
Cardman, L. *see* Benson, S.V. 107358
Cardman, L. *see* Dylla, H.F. 76067
Cardman, L. *see* Liu, H. 90083
Cardman, L.S. *see* Dunham, B.M. 90099
Cardona, A. *see* Feng, M. 93697
Cardona, M. *see* Humlicek, J. 114640
Cardona, M. *see* Lew Yan Voon, L.C. 62975
Cardone, G. *see* Astarita, T. 69252
Cardoso, A.J.Marques *see* Marques Cardoso, A.J.
Cardoso, E. *see* Garcia Lopes, Y.J. 92346
Cardoso, J.-F. Performance and implementation of invariant source separation algorithms 117429
Cardoso, J.-F., Bose, S., Friedlander, B. On optimal source separation based on second and fourth order cumulants 117492
Cardoso, J.-F., Comon, P. Independent component analysis, a survey of some algebraic methods 117430
Cardoso, J.-F., Loubaton, P., Moulines, E. On weighted subspace estimates in system identification 117513
Cardoso, J.-F. *see* Basseville, M. 66211
Cardoso, J.R. *see* Abe, N.M. 104255
Cardoso, J.R. *see* Abe, N.M. 107739
Cardoso, J.R. *see* Brodskyn, H.O. 102262
Cardoso, J.R. *see* Delaiba, A.C. 102776

Cardoso, J.R. *see* Lebensztajn, L. 96869
Cardoso, J.R. *see* Migliano, A.C.C. 106629
Cardoso, J.R. *see* Nabeta, S.I. 102726
Cardoso, J.R. *see* Scheibig, W.E.F. 102640
Cardoso, L.De Sousa *see* De Sousa Cardoso, L.
Cardoso, L.P. *see* Boschetti, C. 72950
Cardot, F. *see* Gobet, J. 63994
Cardoza, M.A. *see* Kozel, B.J. 80706
Carducci, F. *see* Buccioni, P. 97197
Carducci, J. *see* Hongching Shan 63334
Cardullo, M., Page, C., Teeter, D., Platzker, A. High efficiency X-Ku band MMIC power amplifiers 83448
Cardullo, M., Page, C., Teeter, D., Platzker, A. High efficiency X-Ku band MMIC power amplifiers 83471
Care, C.M. *see* McGregor, S.M. 121889
Careless, J. Rogers: Canada's broadband veteran 67643
Carelii, P. *see* Castellano, M.G. 106698
Carelli, G., Ioli, N., Moraes, J.C.S., Moretti, A., Strumia, F., Annino, G.E., Bertolini, A. Investigation for long wavelength FIR laser lines for EPR studies: new lines from $CH_2=CF_2$ 75797
Carelli, G. *see* Moraes, J.C.S. 116296
Carelli, R. *see* Veca, A.C. 101614
Carenco, A. *see* Bruno, A. 96044
Carenco, A. *see* Rigny, A. 119132
Carenco, A. *see* Sigogne, D. 88601
Carere, G. *see* Tomati, L. 88397
Carevic, D., Caelli, T. Model-based coding of color images using Karhunen-Loeve transform 87059
Carewska, M. *see* Giorgi, L. 81742
Carey, D., Houston, T., Jimarez, M., Chung, T., Ricks, J. MCM-L substrates for a 300 MHz workstation 94149
Carey, G. *see* Carey, H. 87785
Carey, G.F. *see* Davis, M.B. 105840
Carey, H., Carey, G. How SAS software users can benefit from the Internet 87785
Carey, J., Howarth, N., Kozenyuk, A., Rekuts, P. Development of quality management systems in Russian nuclear power plants 81290
Carey, J.R. *see* Alwi, H.A.B. 101613
Carey, K. *see* Babic, D.I. 107274
Carey, L.D., Rutledge, S.A. A multiparameter radar case study of the microphysical and kinematic evolution of a lightning producing storm 90776
Carey, R., Gago-Sandoval, P.A., Newman, D.M., Thomas, B.W.J. Programmable liquid crystal waveplates in ellipsometric measurements 64817
Carey, W.J. *see* Edwards, R.N. 102863
Carfantan, H. *see* Pesquet, J.-C. 97778
Cargill, E.B. *see* Habbal, F. 110806
Cargill, M. *see* McGowan, U. 103320
Cargill, S.M. *see* Edwards, D.G. 102650
Cargnello, F. *see* Bulfone, D. 76053
Cargnello, F. *see* Walker, R.P. 96521
Carhart, G.W. *see* Vorontsov, M.A. 90806
Carhart, T.W., Fitzgerald, D. Data bandwidth management requirements: how it's used is what counts [cable modems] 109273
Carhoun, D.O. Constrained adaptive beamforming with an uncalibrated array 119308
Cari, G.De *see* De Cari, G.
Caria, M. Use of the two simultaneous coordinates in a silicon microstrip detector 80017
Caricchi, F., Crescimbini, F. Axial-flux permanent magnet machine with water-cooled ironless stator 91438
Caricchi, F., Crescimbini, F., Di Napoli, A. Prototype of innovative wheel direct drive with water-cooled axial-flux PM motor for electric vehicle applications 71819
Caricchi, F., Crescimbini, F., di Napoli, A., Marcheggiani, M. Prototype of electric vehicle drive with twin water-cooled wheel direct drive motors 122047
Caricchi, F., Crescimbini, F., Honorati, O., Di Napoli, A., Santini, E. Compact wheel direct drive for EVs 122031
Caricchi, F., Crescimbini, F., Mezzetti, F., Santini, E. Multistage axial-flux PM machine for wheel direct drive 103109
Caricchi, F. *see* Solero, L. 121415
Carillo-Caicedo, G., Perez-Arriaga, I.J. Optimal reconfiguration of distribution networks for a diversity of regulatory frameworks 102126
Carillon, A. *see* Zeitoun, Ph. 75781
Carin, L., Felsen, L.B., Chi Tran Model-based object recognition by wave-oriented data processing 98204
Carin, L. *see* Leung, K.M. 97149
Carin, L. *see* Melloch, M.R. 95995
Carin, L., Felsen, L.B. *(editors)* Ultra-Wideband, Short-Pulse Electromagnetics 2. Proceedings of the Second International Conference 92029
Carini, J.P. *see* Baxter, D.V. 94574
Cariolaro, G., Costanzi, A., Michieletto, G., Vangelista, L. The design of an OFDM modem: an alternative approach 68831
Cariolaro, G., Costantini, M., Michieletto, G., Truzzoli, S. A discrete multitone modulation system with profiled prefix 66255
Cariolaro, G. *see* Barbieri, A. 83767
Cariss, C. *see* Wang, X. 83998
Caristan, E. *see* Ben Ayadi, Z. 95479
Carius, R., Becker, F., Bruggemann, R., Wagner, H. Electroluminescence and forward bias currents in amorphous silicon p-i-n diodes: the effect of steady state bias and large i-layer thickness 94896
Carius, R. *see* Hapke, P. 92878
Carius, S. *see* Calen, H. 120194
Carius, S. *see* Szymanski, J.J. 110589
Carja, O. Lower semicontinuous solutions for a class of Hamilton-Jacobi-Bellman equations 72624
Carl, D. *see* Nguyen, S.V. 95239
Carl, K.D., Pahl, U., Ritterbusch, S. Position-finding and navigation with GPS and GLONASS 99685
Carlan, F. *see* Popescu, A. 102045
Carlegrim, B. *see* Vogel, A. 66143
Carles, R. *see* Ponchet, A. 61292
Carles, V. *see* Peigney, A. 61439
Carless, J. The five big headaches of cable telephony 119474
Carlesten, B.E. *see* Hendricks, K.J. 62592
Carletti, C., Torroba, R. Color coded logic 64856
Carley, D.R., Wheatley, C.F., Titus, J.L., Burton, D.I. Power MOSFETs hardened for single event effects (SEE) in space 106024
Carley, L.R., Gielen, G.G.E., Rutenbar, R.A., Sansen, W.M.C. Synthesis tools for Mixed-Signal ICs: progress on frontend and backend strategies 82855
Carley, L.R. *see* Fedder, G.K. 74885
Carley, L.R. *see* Kryder, M.H. 64421
Carley, L.R. *see* Meier, P.C.H. 113867
Carli, C. Semi-analytical computation of the electromagnetic field in a circular wake field transformer 79790
Carli, E. *see* Babich, F. 78524
Carli, E. *see* Vescovo, R. 97385
Carlier, D., Tranc, P. Designing secure agents with OO technologies for user's mobility 118360
Carlier, D. *see* Trane, P. 109442
Carlier, E. *see* Balhan, B. 79967
Carlier, J. *see* Nace, D. 108750
Carlier, T. *see* Flament, D. 79057
Carlier, T. *see* Gouni, P. 88771
Carlin, J.F., Rudra, A., Ilegems, M. Chemical beam epitaxy of pseudomorphic InGaAs/InP bidimensional electron gas 103901
Carlin, J.F., Rudra, A., Ilegems, M. Pseudomorphic InGaAs/In(Ga)P bidimensional electron gas grown by chemical beam epitaxy 103958
Carlin, J.F. *see* Amano, C. 103936
Carlin, J.F. *see* Mur, L.C. 106692
Carlin, M.D., Nishikawa, R.M., MacMahon, H., Kunio Doi The effect of X-ray beam alignment on the performance of antiscatter grids 110729
Carlin, R. *see* De Giorgi, M. 120221
Carlin, R.T., de Long, H.C., Fuller, J., Lauderdale, W.J., Naughton, T., Trulove, P.C., Bahn, C.S. Dual intercalating molten electrolyte batteries 112293
Carline, R.T. *see* Robbins, D.J. 100115
Carling, H. *see* Akesson, T. 69833
Carling, H. *see* Alvsvaag, S.J. 90124
Carling, S.A. *see* DeFotis, G.C. 64242
Carlington, C. Composite materials [PCBs] 62474
Carlisle, C.B., Warren, R.E., Riris, H. Single-beam diode-laser technique for optical path-length measurements 96859
Carlisle, C.B. *see* Cooper, D.E. 69097
Carlisle, C.B. *see* Riris, H. 97878
Carlisle, C.B. *see* Riris, H. 110429
Carlisle, J.A. *see* Sutherland, D.G.J. 84146
Carlo, A.D. *see* Nagasawa, H. 63562
Carlomagno, G.M. Convective heat transfer measurements 69545
Carlomagno, G.M. *see* Astarita, T. 69252
Carlone, C. *see* Jorio, A. 94330
Carloni, L. *see* Miliozzi, P. 114143
Carloni, M.J. *see* Gans, M.J. 99081
Carlos, W.E., Glaser, E.R., Kennedy, T.A., Nakamura, S. Magnetic resonance studies of GaN based light emitting diodes 75748
Carlosena, A., Cabral, E. Novel transimpedance filter topologies for instrumentation 104675
Carlosena, A. *see* Serrano, L. 104686
Carlotti, G., Hickernell, F.S., Liaw, H.M., Palmieri, L., Socino, G., Verona, E. The elastic constants of sputtered aluminum nitride films 106329
Carlotto, M.J. Detecting man-made features in SAR imagery 111314
Carlsen, T.H., Lysheim, D., Time, T.R., Rittiger, J., Schultz, W., Troger, D., Witzmann, R. Feasibility study for increased power exchange between Norway and continental Europe by new HVDC links 81000
Carlson, A.L. *see* Bailey, J.E. 69615
Carlson, B.S., Chen, C.Y.R., Meliksetian, D.S. Transistor chaining in CMOS leaf cells of planar topology 95191
Carlson, B.S. *see* Baker, W.I. 93074
Carlson, B.S. *see* Yuan Hu 82833
Carlson, C.G., Krieger, J.W. A baseline detection method for analyzing transient electrophysiological events 110858
Carlson, D. *see* Bose, R. 78979
Carlson, D. *see* Steinberg, B.D. 99657
Carlson, D.A. *see* Gronowski, P.E. 73468
Carlson, D.E., Arya, R.R., Bennett, M., Chen, L.-F., Jansen, K., Li, Y.-M., Maley, N., Morris, J., Newton, J., Oswald, R.S., Rajan, K., Vezzetti, D., Willing, F., Yang, L. Progress in amorphous silicon based large-area multijunction modules 112360
Carlson, D.E., Rajan, K. Hydrogen ion motion in amorphous silicon solar cells at elevated temperatures 112396
Carlson, D.J. *see* Trizna, D.B. 70513
Carlson, D.W. *see* Vijaya Kumar, B.V.K. 75663
Carlson, E.R. The evolution of the audio PC: What the next few years will bring 98948
Carlson, G. Impact of multipath on MFSK 101638
Carlson, J.J., Jordan, J.B., Flachs, G.M., Bao, Z., Hardin, C. Fusion of multiple, coarse features from the face, hand and voice for reliable human identity determination 117639
Carlson, N. *see* Carr, K.F. 112378
Carlson, N.A. Federated filter for computer-efficient, near-optimal GPS integration 68767
Carlson, N.W. Progress in high-power diode lasers 96252
Carlson, N.W. *see* Emanuel, M.A. 107310
Carlson, O. *see* Larsson, A. 91420
Carlson, P., Francke, T., Fuglesang, C., Weber, N., Suffert, M. Long narrow CsI(Tl) rods as calorimeter elements 100810
Carlson, P. *see* Barbiellini, G. 69722
Carlson, R. *see* Kuo-Peng, P. 107805
Carlson, R. *see* Sadowski, N. 71356
Carlson, R. *see* Sadowski, N. 71797
Carlson, S. *see* Monahan, K. 115079
Carlsson, C.A., Alm Carlsson, G., Lund, E., Matscheko, G., Pettersson, H.B.L. An instrument for measuring ambient dose equivalent, H*(10) 111004
Carlsson, E. *see* Gevorgian, S. 114232
Carlsson, E. *see* Gevorgian, S.S. 95623
Carlsson, G.Alm *see* Alm Carlsson, G.
Carlsson, J.-O. *see* Johansson, E. 61249
Carlsson, J.O. *see* Mecea, V.M. 89524
Carlsson, K. Fluorescence lifetime imaging in confocal microscopy: Signal-to-noise considerations 98281
Carlsson, L., Erixon, S., Johanson, G., Karlsson, C., Liwang, B., Olsen, J. The Barseback incident–a precursor challenging fundamental safety principles of LWRs 81206
Carlsson, L. *see* Persson, A. 81014
Carlsson, N. *see* Omling, P. 83935
Carlsson, N. *see* Pistol, M.-E. 63027
Carlsson, N. *see* Ramvall, P. 105339
Carlsson, N. *see* Seifert, W. 105375
Carlsson, O. *(editor)* HF 95. Nordic Shortwave Conference. Conference Proceedings 82094
Carlsson, P. *see* Rorgren, R. 92233
Carlsson, S. Combinatorial geometry for shape representation and indexing 117679
Carlsson, S.-B. *see* Ramvall, P. 105339
Carlstaedt, B. *see* Berroth, M. 80846
Carlsten, B.E. Space-charge-induced emittance compensation in high-brightness photoinjectors 79854
Carlsten, B.E., Fazio, M.V., Haynes, W.B., May, L.M., Potter, J.M. Phase-stable, microwave FEL amplifier 100467
Carlsten, B.E., Fortgang, C.M., Potter, J.M., Fazio, M.V., Haynes, W.B., May, L.M. Microwave axial free-electron laser with enhanced phase stability 96503
Carlsten, B.E., Haynes, W.B. Discrete monotron oscillator 105056
Carlsten, B.E., Haynes, W.B., Sheffield, R.L. Particle acceleration by the inverse axial-free-electron laser interaction 79857
Carlsten, B.E., Milder, M.L., Kinross-Wright, J.M., Feldman, D.W., Russell, S., Plato, J.G., Shapiro, A., Sherwood, B., Studebaker, J., Lovato, R., Warren, D., Timmer, C., Cooper, R., Sturges, R., Williams, M. Subpicosecond, ultra-bright electron injector 89710
Carlsten, B.E. *see* Fazio, M.V. 65379
Carlsten, B.E. *see* Haynes, W.B. 62599
Carlsten, R.W., Hamel, V.J. Inexpensive BH curve tester characterizes power supply magnetic materials 112073
Carlstrom, J.E. *see* Jones, S.H. 83390
Carlton, D.P. *see* Iman, R.L. 73856
Carluccio, R. *see* Corradetti, A. 84423
Carlvik, O. *see* Nygren, K. 87970
Carman, T.S., Litveninko, V., Madey, J., Neuman, C., Norum, B., O'Shea, P.G., Roberson, N.R., Scarlett, C.Y., Schreiber, E., Weller, H.R. The TUNL-FELL inverse Compton γ-ray source as a nuclear physics facility 110634
Carmannini, C. *see* Sochtig, J. 64780
Carmel, Y. *see* Calame, J.P. 104176
Carmel, Y. *see* Levush, B. 61440
Carmel, Y. *see* Levush, B. 105079
Carmeli, Y. *see* Aurbach, D. 81660
Carmen Lasprilla A, M.del *see* del Carmen Lasprilla A, M.
Carmichael, D. *see* Calder, B. 80325
Carmichael, D.R., Linnett, L.M., Clarke, S.J. A multiresolution directional operator for sidescan sonar image analysis 70507
Carmichael, D.R., Linnett, L.M., Clarke, S.J., Calder, B.R. Seabed classification through multifractal analysis of sidescan sonar imagery 90731
Carmichael, L. *see* Moon Jung Chung 104566
Carminelli Gregori, A.M., Mumolo, E., Bonat, I. Fractal encoding of digital images with an optimization algorithm 77523
Carmo, L.C.S.do *see* do Carmo, L.C.S.
Carmo, M.C.do *see* do Carmo, M.C.

Carmona, A. *see* Balbuena, C. 103649
Carmona, F. *see* Dubois, S. 75303
Carmona, F. *see* Lamaignere, L. 104927
Carmona, F. *see* Modjtahedi, A. 113754
Carmona, H. *see* Ihn, T. 105331
Carmona, H.A., Nogaret, A., Geim, A.K., Main, P.C., Foster, T.J., Henini, M., Beaumont, S.P., Mclelland, H., Blamire, M.G. Two-dimensional electrons in a magnetic superlattice 62820
Carmona, H.A., Nogaret, A., Geim, A.K., Main, P.C., Foster, T.J., Henini, M., Beaumont, S.P., McLelland, H., Blamire, M.G. Two-dimensional electrons in a lateral magnetic superlattice 105259
Carmona, H.A. *see* Sachrajda, A.S. 105358
Carmona, R. *see* Espeio, S. 83280
Carn, M., Gagnon, G., Fortin, V., Currie, J.F., Ouellet, L., Tremblay, Y., Biberger, M., Reynolds, R. Calculation of a Al-Ti-O-N quaternary isotherm diagram for the prediction of stable phases in TiN/Al alloy contact metallization 63436
Carnassale, A., Seminara, C., Seu, R. Coherent and non-coherent estimation techniques in radar altimeters 68619
Carne, T.G. *see* James, G.H. 111870
Carnegie, D.W. *see* Kim, S.H. 89787
Carnegie, D.W. *see* Mulcahy, T.M. 95617
Carneiro, F.C. *see* Pirmez, L. 74802
Carneiro, K. *see* Barbato, G. 68958
Carneiro, N.C.F., Caloba, L.P. A new algorithm for analog matrix inversion 82534
Carneiro, N.C.F., Ramirez-Angulo, J., Caloba, L.P. Analog VLSI implementation of a new algorithm for solving generalized systems of linear equations 93621
Carneiro, S., Jr. *see* Barros, H.M. 111617
Carnera, A. *see* Albertazzi, E. 94696
Carnera, A. *see* Nipoti, R. 94695
Carnera, A. *see* Priolo, F. 114898
Carnevali, P., Ferrigno, G., Aliverti, A., Pedotti, A. A new method for 3D optical analysis of chest wall motion 90297
Carney, H. *see* Poggio, A.J. 70389
Carney, J., Corsetti, C. Operational effectiveness through interoperability 80713
Carney, T., Klein, S.A., Qingmin Hu Visual masking near spatiotemporal edges 108538
Carney, T. *see* Klein, S.A. 119799
Carnicer, A., Vallmitjana, S., Ramon de F. Moneo, J., Juvells, I. Implementation of an algorithm for detecting patterns in defocused scenes using binary joint transform correlation 108698
Carnicer, J.M., Dahmen, W., Pena, J.M. Local decomposition of refinable spaces and wavelets 66746
Carniel, X. *see* Pascal, J.-C. 76273
Carnimeo, L. *see* Brucoli, M. 83288
Carnimeo, L. *see* Brucoli, M. 114158
Caro, J. *see* Lukey, P.W. 84499
Caro, J. *see* van de Roer, T. 84500
Caro, J.D.L., Nochefranca, L.R., Sy, P.W., Muga, F.P., II The wide-diameter of the generalized de Bruijn graphs $UG_B(n,n(n+1))$ 72487
Caro, Y. Two combinatorial problems on posets 103633
Carobbi, C.F.M. *see* Forti, M.M. 97187
Carol, M., Grant, W.H., III, Bleier, A.R., Kania, A.A., Targovnik, H.S., Butler, E.B., Woo, S.W. The field-matching problem as it applies to the Peacock three dimensional conformal system for intensity modulation 70199
Carol, M. *see* Woo, S.Y. 110885
Carolan, M. *see* Butson, M.J. 80511
Caroli, E. *see* Dusi, W. 90174
Carolina, R. *see* Millard, C. 103374
Carolis, G.de *see* de Carolis, G.
Carolissen, R.J. *see* Weitering, H.H. 74456
Carollo, A., Hernandez, C., Taboada, J.A. Automatic delivery of Alfentanyl 101409
Caron, B. *see* Charara, A. 95390
Caron, B. *see* Wu, Y. 68832
Caron, B. *see* Wu, Y. 119434
Caron, J., Duvieubourg, L., Orteu, J.J., Revolte, P. Real time inspection of preweathered zinc based on computer vision 67349
Caron, J.J., Andle, J.C., Vetelino, J.F. Surface acoustic wave substrates for gas sensing applications 110256
Caron, M. *see* Gagnon, G. 84142
Caron, M. *see* Lecours, A. 100166
Caron, M. *see* Ouellet, L. 63434
Caron, R.J. *see* Obuchowska, W.T. 72553
Caron, S., Rivest, J.-F. Progressive image transmission by segmentation-based coding 117771
Caronni, G., Lubich, H., Aziz, A., Markson, T., Skrenta, R. SKIP–securing the Internet 118495
Carosella, C.A. *see* Edgar, J.H. 104097
Caroselli, J., Wolf, J.K. Applications of a new simulation model for media noise limited magnetic recording channels 115800
Carotenuto, G., Nicolais, L., Kuang, X. Synthesis and characterization of new polymer-ceramic nanophase composite materials 113543
Carotenuto, R., Franchina, L., Coli, M. Nonlinear system process prediction using neural networks 108337
Carothers, J.D., Donghui Li, Hameenanttila, T. MCG: a correct-by-design multichip module router with crosstalk avoidance 73860
Carothers, J.D. *see* Hameenanttila, T. 94150
Carothers, J.D. *see* Hameenanttila, T. 114475
Carothers, J.D. *see* Mackey, C.A. 104447
Carotta, M.C. *see* Benati, A. 121897
Carpanese, M. *see* Dattoli, G. 107357
Carpaneto, E. *see* Bompard, E. 80768
Carpaneto, E. *see* Bompard, E. 122080
Carpaneto, E. *see* Bottauscio, O. 121157
Carpeggiani, C. *see* Di Garbo, A. 110832
Carpenter, A.J. Scientific computation on some mathematical problems 60938
Carpenter, B. *see* Pritchett, A. 70360
Carpenter, B.J. *see* Banks, D.R. 92243
Carpenter, G. *see* Van Hove, J.M. 103878
Carpenter, G.A., Gjaja, M.N., Gopal, S., Woodcock, C.E. ART neural networks for remote sensing: vegetation classification from Landsat TM and terrain data 111317
Carpenter, G.J.C. *see* Shehata, M.T. 92969
Carpenter, J.A., Jr. Review of the state-of-the-art of measurements for and the phenomena of anomalously low thermal conductivities of dielectric thin films 106924
Carpenter, J.W. *see* Stair, A.T., Jr. 90794
Carpenter, L.L. Oval designs in Desarguesian projective planes 117210
Carpenter, L.S. *see* Woo, S.Y. 110885
Carpenter, M.H. *see* Abarbanel, S. 61055
Carpenter, R. *see* Deis, G. 106719
Carpenter, R. *see* Takayanagi, T. 73424
Carpenter, R.B., Jr., Yeh, G. Lightning protection for the pulp and paper industry 91995
Carpenter, R.N. *see* Medeiros, M.R. 88742
Carpenter, R.W. *see* Smith, L.L. 105463
Carpenter, T.A. *see* Ablett, S. 80286
Carpenter, T.A. *see* Fisher, B.J. 70000
Carpentier, E.Le *see* Le Carpentier, E.
Carpentier, J.F., Paleczny, E., Pribetich, P., Kennis, P. Comparison between a full-wave and a quasi-static analysis for high-frequency interconnects crossover in multilayered dielectric media 62358
Carpentier, P., Gohen, G., Culioli, J.-C., Renaud, A. Stochastic optimization of unit commitment: a new decomposition framework 70803
Carpentieri, B., Storer, J.A. A video coder based on split-merge displacement estimation 88010
Carpinelli, M. *see* Mours, B. 100821
Carpinelli, M. *see* Mours, B. 120196
Carpintero, G., Lamela, H. Numerical study of the effect of the nonlinear gain compression on the dynamic behaviour of directly modulated semiconductor lasers 96347
Carpintero, G. *see* Lamela, H. 96369
Carpio, R., Chan, T., VanMeurs, R. Corrosion characteristics of blanket, stacked, and patterned Al-Cu thin films used for sub-micron metallization 63471
Carpio, R. *see* Atluri, V. 63352
Carpio, R. *see* Chan, T. 63328
Carpio, R.A., Fowler, B., Nguyen, T.T. Optical studies of fluorocarbon film formation by a high density plasma etcher 84113
Carpio, R.A., Fowler, B.W., Theiss, W. Advances in infrared spectroscopic methods for epitaxial film characterization 83784
Carpio, R.A., Taylor, J. Advanced optical characterization techniques for borophosphosilicate films 84201
Carpio, R.A. *see* Pelletier, M.J. 63391
Carpita, M., Marchesoni, M. Experimental study of a power conditioning system using sliding mode control 112055
Carpita, M. *see* Tenconi, S.M. 71772
Carr, C., Cochran, A., Kuznik, J., McKirdy, D.McA., Donaldson, G.B. Electronic gradiometry for NDE in an unshielded environment with stationary and moving HTS SQUIDs 92996
Carr, D. *see* Tweedy, J. 90973
Carr, F., Lovelace, D., Ngo, D. Technologies for RF system integration 68143
Carr, F.S. *see* Baynham, D.E. 90035
Carr, G. *see* Morkner, H. 99143
Carr, J. *see* Mours, B. 100821
Carr, J. *see* Mours, B. 120196
Carr, K.F., Carlson, N., Weitzmann, P., Sopori, B.L., Marshall, C., Allen, L. Characterization of silicon solar cells and substrates with the PVScan 5000 112378
Carr, M. *see* Hutchinson, S. 62234
Carr, P.H. *see* Liu, D.W. 66042
Carr, R. Towards the global information society 77846
Carr, R. *see* De Roure, D. 118347
Carr, S. Combining optimization for cache and instruction-level parallelism 114009
Carr, S. *see* Levidow, L. 101047
Carr, S.F. *see* Fabbricatore, P. 90191
Carr, S.F. *see* Kosel, P.B. 100010
Carr, W.N., Hong Jiang Micro-power supply for electrostatic micromotors 91572
Carr, W.N. *see* Okojie, R.S. 79356
Carra, S. *see* Masi, M. 61272
Carrabina, J., Hebrard, L., Merlos, A., Saiz, J., Bausells, J. Design kit for microsystems design for an enhanced CMOS process 74836
Carrabina, J. *see* Velasco, A.J. 74835
Carrado, K.A. *see* Sandi, G. 71633
Carragher, R.J., Chung-Kuan Cheng, Xiao-Ming Xiong, Fujita, M., Paturi, R. Solving the net matching problem in high-performance chip design 95097
Carrara, B., Tourtier, P., Pecot, M. The MUTE radar (multistatic using television emitters radar) 68594
Carrara, B. *see* Ferrier, J.M. 68596
Carrara, B. *see* Henry, J.P. 68659
Carrara, B. *see* Lacomme, P. 111407
Carrara, G., Casini, D., Taponecco, L. Alternative driving criteria for static converters 112088
Carrara, G. *see* Bolognesi, P. 91669
Carrara, G. *see* Bolognesi, P. 102882
Carrara, S.L.A. *see* Pacitti, M.C. 84989
Carraresi, L. *see* Bogani, F. 62999
Carrasco, J.A., Sanchis-Kilders, E., Ramirez, D., Dede, E.J. Improved magnetic coupled current sensing techniques [space power applications] 120628
Carrasco, J.A. *see* Dede, E.J. 119983
Carrasco, J.A. *see* Hurtado, F.J. 91651
Carrasco, J.M., Quero, J.M., Ridao, F.P., Perales, M.A., Franquelo, L.G. An experimental neural controller implementing a VSC for a DC/DC PWM converter with power factor corrector 121695
Carrasco, R.A., Coloma, J. Neural network equalisation algorithms over fading channels 88149
Carrasco, R.A., Elvira, J.M. Neural networks/Markov models for speech and speaker recognition through a digital telephone exchange 76851
Carrasco, R.A. *see* Ancin, F.J. 76852
Carrasco, R.A. *see* Hashimi, S.B. 86028
Carrasco, R.A. *see* Hashimi, S.B. 88169
Carrasco, R.A. *see* Larreategui, M. 86129
Carrasco, R.A. *see* Soto, I. 76735
Carrasco, R.C. *see* Mico, L. 77481
Carrascosa, M., Agullo-Lopez, F. Optimization of the developing stage for fixed gratings in $LiNbO_3$ 65578
Carrascosa, M. *see* Aguilar, M. 65528
Carrascosa, M. *see* Agullo-Lopez, F. 116752
Carrascosa, M. *see* del Pino, M. 107600
Carrass, A., Jaecklin, V.P. Analytical methods to characterise the interconnection quality of gold ball bonds 114460
Carrato, S., Passaggio, F., Rovetta, S., Zunino, R. Interpolation approaches to vector quantization for image compression 108629
Carrato, S. *see* Marsi, S. 104703
Carrault, G. *see* Cerutti, S. 110852
Carrault, G. *see* Korhonen, I. 110662
Carrault, G. *see* Korhonen, I. 110663
Carre, C., Panasiuk, L.M., Rotaru, V.K., Panasiuk, A.L., Lougnot, D.J. Resolving power of a soft recording procedure on two-layered photothermoplastic carriers 95652
Carre, C. *see* Belin, C. 75396
Carre, M. *see* Bruno, A. 96044
Carre, M. *see* Devaux, F. 75586
Carre, M. *see* Rigny, A. 119132
Carreira, D.J. *see* Gonzalez, A.J. 81038
Carreira, M.J. *see* Pardo, J.M. 90286
Carreno, M.N.P. *see* Pereyra, I. 113449
Carrera, G. *see* Enriquez-Caldera, R. 118350
Carrera M, R. *see* Verde, C. 71793
Carreras, R. *see* Damodaran, M. 66899
Carreras, R.A. *see* Restaino, S.R. 109682
Carrescia, V. *see* Bettini, A. 91910
Carrescia, V. *see* Cantarella, G. 81622
Carretero, L. *see* Belendez, A. 85769
Carretero, L. *see* Fimia, A. 96823
Carreto-Castro, F. *see* Silva-Martinez, J. 113772
Carrette, P., Bastin, G., Genin, Y.Y., Gevers, M. Discarding data may help in system identification 108315
Carrez, F., Vindevoghel, J. Compact two-port microstrip antenna 97353
Carrez, S. *see* Peremans, A. 107401
Carrie, P. *see* Adam, W. 69709
Carriere, J.-B. *see* Raymond, L. 72154
Carriere, T. *see* Doucin, B. 105848
Carriere, T. *see* Poivey, C. 73462
Carriere, T. *see* Poivey, C. 104598
Carrig, T.J. *see* Clement, T.S. 62280
Carrigan, D. *see* Jackson, G. 100728
Carrijo, G.A. *see* Flores, E.L. 87232
Carrillo, G. *see* Gallegos, J.M. 73849
Carrillo, H.R.Vega *see* Vega Carrillo, H.R.
Carrillo, J.L. *see* Gurevich, Yu.G. 114716
Carrillo, J.L. *see* Meza-Montes, L. 94483
Carrillo Chica, A. *see* Barbosa-Mier, R.I. 101385
Carrillo R., V. *see* Garcia, R.L. 102906
Carrion, M.C. *see* Gallego, A. 78957
Carrion, M.C. *see* Ruiz, D.P. 66751
Carrion, P.M. *see* Sampaio, E.E.S. 90746
Carriveau, G.W. *see* Qaddoumi, N. 82811
Carrizosa, E. *see* Plastria, F. 82489
Carroll, A. *see* Wu, J. 110619
Carroll, B.A. *see* Keogan, M.T. 80363
Carroll, D.L. *see* Theodoropoulos, P.T. 75793
Carroll, J.E. *see* Flanigan, B.J. 107232
Carroll, J.E. *see* Ladbrooke, P.H. 95044
Carroll, J.F. *see* Amin, M.G. 66811
Carroll, J.V. *see* Weitzen, J.A. 119336
Carroll, L. *see* Zhang, N.F. 115058
Carroll, M. *see* Bennet, J.M. 90165
Carroll, M.S. *see* Neugroschel, A. 94911
Carroll, T. *see* Pecora, L. 61588
Carroll, T.A. *see* Iman, R.L. 73856
Carroll, T.L. Amplitude-independent chaotic synchronization 66183

Carroll, T.L. Amplitude-independent chaotic synchronization and communication 67512
Carroll, T.L. *see* Mar, D.J. 95357
Carroll, T.L. *see* Pecora, L.M. 117371
Carrozza, M.C. *see* Dario, P. 70241
Carrozza, M.C. *see* Dario, P. 80415
Carrozzi, T.M. *see* Dowd, P.W. 78006
Carru, J.C. *see* Bibey, M.B. 96296
Carru, J.C. *see* Delabie, C. 62182
Carru, J.C. *see* Lauwers, J. 95489
Carru, J.C. *see* Lepercq, P. 95488
Carruth, R.C., Sotos, S.G. Design concepts for the reactor protection and control process instrumentation digital upgrade project at the Donald C. Cook nuclear plant units 1 and 2 102372
Carruthers, B., Czarnecki, S., Mandanis, G. MMDS: a low-cost infrastructure for video, voice and data 88848
Carruthers, B. *see* Jonsson, B. 87543
Carruthers, J.R. Patterning ULSI circuits 105757
Carruthers, T.F., Duling, I.N., III 10-GHz, single-polarization, actively mode-locked picosecond erbium-fiber laser 65105
Carruthers, T.F. *see* Reddy, K.V. 65104
Carse, B., Fogarty, T.C., Munro, A. Distributed adaptive routing control in communication networks using a temporal fuzzy classifier system 118170
Carsey, F., Wales, C. Future opportunities and issues in radar remote sensing of Earth's high latitudes 120683
Carsey, F. *see* Sandberg, D. 112810
Carsey, F.D. *see* Beaven, S.G. 111283
Carson, J.A. *see* Harding, D.J. 89795
Carson, J.A. *see* Harding, D.J. 89796
Carson, R.E. *see* Price, J.C. 90314
Carson, R.E. *see* Sastry, S. 101325
Carson, R.F., Lovejoy, M.L., Lear, K.L., Warren, M.E., Blum, O., Seigal, P.K., Craft, D.C., Kilcoyne, S.P., Patrizi, G.A. Photonics for Z-axis stacking of multi-chip modules 68411
Carson, R.F., Lovejoy, M.L., Lear, K.L., Warren, M.E., Seigal, P.K., Patrizi, G.A., Kilcoyne, S.P., Craft, D.C. Low-power modular parallel photonic data links 116288
Carson, R.F. *see* Lovejoy, M.L. 119227
Carson, R.F. *see* Smith, J.H. 116279
Carson, W.W., Reutebuch, S.E. Experience with the spatial accuracy of a single aerial photograph 67395
Carstairs, J. *see* Webb, M.G. 80834
Carsten, B. Magnetics design workshop–what the textbooks don't tell you 84771
Carsten, B. A "clipping pre-amplifier" for accurate scope measurement of high voltage switching transistor and diode conduction voltages 91620
Carswell, J. *see* Vandemark, D. 120874
Carta, R. *see* Carbone, J. 100128
Carter, A. *see* Jacobs, K. 79916
Carter, A.A. *see* Beck, G.A. 69775
Carter, A.C., MacDonagh, R.P. Clinical experience with laser prostatectomies 90568
Carter, C., III *see* Zhi-Yuan Shen 73654
Carter, C.H., Jr. *see* Allen, S.T. 62273
Carter, C.H., Jr *see* Allen, S.T. 83381
Carter, C.H., Jr. *see* Allen, S.T. 106039
Carter, C.H., Jr. *see* Dmitriev, V.A. 115144
Carter, C.H., Jr. *see* Kalinina, E.V. 74474
Carter, C.H., Jr. *see* Tsvetkov, V.F. 103974
Carter, C.H., Jr. *see* Weitzel, C.E. 105835
Carter, C.H., Jr. *see* Xie, W. 105922
Carter, D.C. *see* Fredericks, L.C. 93007
Carter, D.J. *see* Lupton, M.J. 112602
Carter, D.J. *see* Qi, N. 112588
Carter, D.L. *see* Hall, S.E. 112329
Carter, D.R.H., McMahon, R.A. An integrated level shifter for use in high frequency half-bridges 82922
Carter, F., Laursen, A. Enabling portable application development for new media networks 118219
Carter, F. *see* Dickey, C. 89932
Carter, F. *see* Litvinenko, V.N. 79873
Carter, F. *see* O'Shea, P.G. 89770
Carter, G. Isothermal annealing of ion-bombardment-induced amorphousness in semiconductors 74516
Carter, G., Vishnyakov, V., Nobes, M.J. Ripple topography development on ion bombarded Si 114556
Carter, G.S. *see* Vldakovic, D. 92064
Carter, J.D. *see* Hendriksen, P.V. 81842
Carter, J.R. *see* Beck, G.A. 69775
Carter, M., Guthrie, G. Pricing Internet: the New Zealand experience 67752
Carter, M.D. *see* Swain, D.W. 76576
Carter, M.J. *see* Adurodija, F.O. 94439
Carter, M.J. *see* Duke, S. 81887
Carter, M.J. *see* Ghosh, B. 71699
Carter, M.J. *see* Ghosh, B. 112405
Carter, M.J. *see* Miles, R.W. 94587
Carter, M.J. *see* Pande, P.C. 72856
Carter, M.K. *see* Read, P.D. 79526
Carter, M.R. *see* Bennett, C.L. 69270
Carter, M.R. *see* Winter, E.M. 108555
Carter, N.F. *see* Pearson, J.J. 117650
Carter, N.J., Stevens, E.G. Bulk current injection (BCI): its past, present and future (?) in aerospace 76493
Carter, R., Laroco, J., Armstrong, R. Commodity clusters: performance comparison between PCs and workstations 109099
Carter, R. *see* Amerson, R. 61784
Carter, R. *see* Amerson, R. 104521
Carter, R. *see* Wang, P. 62623
Carter, R.L., Crovella, M.E. Measuring bottleneck link speed in packet-switched networks 117959
Carter, S. *see* Davies, G. 67632
Carter, S.J. *see* Stewart, B.K. 109574
Carter, T. Switch mode power supplies: an EMI engineer's point of view 61651
Carter, T. *see* Rossi, E. 101013
Carter, T.E., Pardis, C.J. Optimal power-limited rendezvous with upper and lower bounds on thrust 111064
Carter, W. *see* Fawcett, B. 113856
Carter, W.J., Weissman, M.A. Single-lens stereoscopy: a historical and technical review 98215
Carter-Coman, C., Brown, A.S., Bicknell-Tassius, R., Jokerst, N.M., Fournier, F., Dawson, D.E. Strain-modulated epitaxy: modification of growth kinetics via patterned, compliant substrates 82677
Carter-Coman, C., Brown, A.S., Jokerst, N.M., Dawson, D.E., Bicknell-Tassius, R., Feng, Z.C., Rajkumar, K.C., Dagnall, G. Strain accommodation in mismatched layers by molecular beam epitaxy: Introduction of a new compliant substrate technology 103962
Cartier, A.M. *see* Aspar, B. 115329
Cartier, E., Stathis, J.H. Hot-electron induced passivation of silicon dangling bonds at the Si(111)/SiO$_2$ interface 83996
Cartier, E. *see* Uren, M.J. 114837
Cartina, G. *see* Georgescu, G. 70866
Cartledge, J.C. *see* Ma, A. 78893
Carts, M.A. *see* Dale, C.J. 80562
Carts, M.A. *see* Dale, C.J. 109693
Cartujo, P. *see* Gamiz, F. 94608
Cartujo, P. *see* Gamiz, F. 94610
Cartujo, P. *see* Palma, A. 94231
Cartuyvels, R. *see* Huizing, H.G.A. 84541
Cartwright, A.N. *see* Huang, X.R. 95828
Cartwright, C. *see* Espinoza, S. 92070
Cartwright, C.M. *see* Wang, Z.Q. 96771
Cartwright, K.L., Verboncoeur, J.P., Gopinath, V.P., Birdsall, C.K. Relaxation of virtual cathode oscillations due to transverse effects in a crossed-field diode 105032
Carty, T. *see* Hyodo, M. 107201
Caruette, A. *see* Junquera, T. 100373
Caruette, A. *see* Shu, Q.S. 100497
Carugno, G., Bressi, G., Cerdonio, S., Conti, E., Meneguzzo, A.T., Onofrio, R., Zanello, D., Beriotto, U., De Biasia, S., Nicoletto, M., Pedrotta, R., Toniolo, N. A large liquid xenon time projection chamber for the study of the radiative pion decay 100803
Carugno, G. *see* De Riva, A.M. 96579
Carullo, A., Ferraris, F., Graziani, S., Grimaldi, U., Parvis, M. Ultrasonic distance sensor improvement using a two-level neural-network 69092
Carullo, A., Ferraris, F., Grimaldi, U., Parvis, M. The smart sensor 90850
Carullo, A., Ferraris, F., Parvis, M. A low-cost contactless distance meter for automotive applications 110355
Carullo, A., Parvis, N. Power meter for highly-distorted three-phase systems 111698
Caruso, H. Rationale for durability temperature test compression 60572
Carusotto, S. *see* De Riva, A.M. 96579
Carvalho, A., Lacorte, M., Knudsen, O. Improved EHV line switching surge control by application of MO-arresters and controlled switching 81066
Carvalho, A., Martins, P., Araujo, A. Optimisation of IGBT switching by adaptive gate voltage control 81590
Carvalho, A.M.Neves De *see* Neves De Carvalho, A.M.
Carvalho, A.S. *see* Martins, A.P. 81588
Carvalho, B.M. *see* Torreao, J.R.A. 86848
Carvalho, C.R., Maia Neto, P.A. Quantum noise reduction in the non-degenerate three-level micromaser 96073
Carvalho, J.M.de *see* de Carvalho, J.M.
Carvalho, L.M., Giraud, L. Parallel domain decomposition experiments on the Meiko CS2-HA 84292
Carvalho, M. *see* Fuglsang-Frederiksen, A. 90546
Carvalho, M.A.de, Jr. *see* de Carvalho, M.A., Jr.
Carvalho, M.Afonso de, Jr. *see* Afonso de Carvalho, M., Jr.
Carvalho, M.C.R. *see* Koslinski, M.E.C. 99590
Carvalho, M.F.De *see* De Carvalho, M.F.
Carvalho, M.G. *see* Afgan, N. 111760
Carvalho, M.G. *see* Afgan, N.H. 102456
Carvalho, M.I., Singh, S.R., Christodoulides, D.N. Modulational instability of quasi-plane-wave optical beams biased in photorefractive crystals 65532
Carvalho, M.I. *see* Singh, S.R. 107581
Carvalho, M.I. *see* Singh, S.R. 107601
Carvalho, M.M.G.de *see* de Carvalho, M.M.G.
Carvalho, O.S.F. *see* Loureiro, A.A.F. 118105
Carvalho, P.M.S., Ferreira, L.A.F.M. Decision convergence in stochastic multireservoir hydroelectric system optimization 102023
Carvalho, R.R.de *see* de Carvalho, R.R.
Carvalho, S.A. *see* Mendes, L.S. 97086
Carvalho, W., Jr. *see* Rego, A.C.B. 99540
Carver, A.E. *see* Schalkoff, R.J. 82296
Carver, R. Wireless delivery of services beyond POTS 78358
Carvey, P. *see* Barber, T., Jr. 98649
Carwardine, J.A., Milton, S.V., McGhee, D.G. Performance of the ramping power supplies for the APS booster synchrotron 100425
Carwardine, J.A., Wang, J. Analysis of the electrical noise from the APS kicker magnet power supplies 89745
Carwardine, J.A. *see* Milton, S.V. 100616
Cary, J.R. Reducing chaos in four dimensional symplectic maps 120054
Cary, J.R. *see* Hendrickson, S. 79847
Cary, W.P. *see* Ferguson, S.W. 110313
Cary, W.P. *see* Ferguson, S.W. 111613
Cary, W.P. *see* Harris, T.E. 112076
Cary, W.P. *see* O'Neill, R.C. 105029
Caryotakis, G. The SLAC next linear collider source program 69599
Caryotakis, G. *see* Fowkes, W.R. 100416
Casa, G., Mirandola, P., Veroni, F. Energy supply, new services and business opportunities 102070
Casablancas, P. *see* Blau, G. 106859
Casaca, A. *see* Mason, L. *(editor)* 103242
Casaccia, E. *see* Jingyu Zhou 78923
Casadei, D., Serra, G., Tani, A. A general approach for the analysis of the input power quality in matrix converters 121772
Casadei, D., Serra, G., Tani, A. Stator-flux vector control for high-performance induction motor drives using space vector modulation 121955
Casadei, D. *see* Nielsen, P. 112134
Casadei, F. *see* Willems, F. 66409
Casadei, S., Mitter, S. Hierarchical curve reconstruction. I. Bifurcation analysis and recovery of smooth curves 67238
Casadei, S., Mitter, S.K. A hierarchical approach to high resolution edge contour reconstruction 86791
Casado, J.B. *see* Leon, C. 101875
Casado-Revuelta, E. *see* Cuevas-Rubino, M. 112803
Casady, J.B., Cressler, J.D., Dillard, W.C., Johnson, R.W., Agarwal, A.K., Siergiej, R.R. Direct current characterization of depletion-mode 6H-SiC MOSFETs from 294 to 723 K 84367
Casady, J.B., Dillard, W.C., Johnson, R.W., Agarwal, A.K., Siergiej, R.R. DC and low frequency noise characterization of 6H-SiC MOSFETs from 25°C to 450°C 106042
Casady, J.B., Dillard, W.C., Johnson, R.W., Rao, U. A hybrid 6H-SiC temperature sensor operational from 25°C to 500°C 110131
Casady, J.B., Johnson, R.W. Status of silicon carbide (SiC) as a wide-bandgap semiconductor for high-temperature applications: a review 105222
Casady, J.B., Luckowski, E.D., Bozack, M., Sheridan, D., Johnson, R.W., Williams, J.R. Etching of 6H-SiC and 4H-SiC using NF$_3$ in a reactive ion etching system 62787
Casady, J.B., Luckowski, E.D., Bozack, M., Sheridan, D., Johnson, R.W., Williams, J.R. Reactive ion etching of 6H-SiC using NF$_3$ 105715
Casagrande, F., Cennini, P., Xuan, Li. The argon gas detectors for the fission measurement in the FEAT 69845
Casajus, J. *see* Fernandez-Duran, A. 109540
Casajus-Quiros, F.J. *see* Rodriguez-Hernandez, M.A. 97607
Casale, S. *see* Andronico, M. 87988
Casale, S. *see* Andronico, M. 108108
Casalnuovo, S.A. *see* Shul, R.J. 94782
Casals, A. *see* Avila, P. 71601
Casals, O. *see* Blondia, C. 77708
Casals, O. *see* Jaussi, L. 118238
Casamayou, L. *see* Simon, M.M. 97963
Casandjian, J.M. *see* Odland, O.H. 110593
Casani, E.K. The new millennium program: management challenges in the 21st century 90735
Casapulla, G., Chizzoni, A., De Cindio, F. RCM: An open architecture to build a community 118635
Casapulla, G., De Cindio, F., Gentile, O. The Milan Civic Network experience and its roots in the town 118435
Casar, A., Brezocnik, Z., Kapus, T. Exploiting partitioned transition relations for efficient symbolic model checking in CTL 73244
Casar Corredera, J.R. *see* Martinez-Madrid, J.J. 109760
Casares, J.J. *see* Perez-Munuzuri, V. 80681
Casares, V. *see* Barcelo, F. 108817
Casarini, P. *see* Abramo, A. 95078
Casas, J.R. *see* Salembier, P. 77257
Casas, L.M. *see* Cole, M.W. 94593
Casas, O. *see* Pallas-Areny, R. 61688
Casasanta, V. *see* Strachan, W.J. 82688
Casasent, D., Shenoy, R. New Gabor wavelets with shift-invariance for improved time-frequency analysis and signal detection 86262
Casasent, D., Weber, D., Sipe, M. Nonlinear fusion of Gabor wavelet filters for locating objects, edges and clutter 87170
Casasent, D. *see* Neiberg, L. 98039
Casasent, D. *see* Woodford, P. 117723
Casaubieilh, F., McIsaac, A., Benjamin, M., Bartley, M., Pogodalla, F., Rocheteau, F., Belhadj, M., Eggleton, J., Mas, G., Barrett, F., Berthet, C. Functional verification methodology of Chameleon processor 82866

Cascella, A. *see* Baldi, L. 83128
Cascella, A. *see* Bottini, R. 61913
Casciato, M. *see* Chatterjee, A. 107867
Cascio, L., Tardioli, G., Rozzi, T., Hoefer, W.J.R. A quasi-static modification of TLM at knife edge and 90° wedge singularities 85914
Case, E.D. *see* Ki-Yong Lee 82002
Case, F.C. *see* Schimert, T.R. 69148
Case, J.A., King, M.A., Der-Shan Luo, Soares, E.J., Rabin, M.S.Z. Determination of concave body outlines from SPECT projection data 101097
Case, M., Knorr, S., Larson, L., Rensch, D., Harame, D., Meyerson, B., Rosenbaum, S. A 23 GHz static 1/128 frequency divider implemented in a manufacturable Si/SiGe HBT process 62088
Case, M., Maas, S.A., Larson, L., Rensch, D., Harame, D., Meyerson, B. An X-band monolithic active mixer in SiGe HBT technology 83500
Case, M. *see* Glenn, J. 62345
Case, M. *see* Larson, L. 73786
Case, M.G. *see* Pusl, J.A. 83501
Case, M.J. Are series motors worth using in mines? 81958
Case, S.H. *see* Cai, Y. 71851
Case, T.J., Waag, R.C. Flaw identification from time and frequency features of ultrasonic waveforms 82804
Caseau, Y., Laburthe, F. Improving branch and bound for jobshop scheduling with constraint propagation 103707
Caseiro, C. *see* Torres, P. 118988
Casella, A. *see* Scarinci, F. 113321
Casella, R. *see* Sandberg, J.N. 100735
Caselles, V., Kimmel, R., Sapiro, G., Sbert, C. Three dimensional object modeling via minimal surfaces 67228
Caselles, V. *see* Malladi, R. 110751
Caselli, S. *see* Sillitoe, I. 80695
Caseria, E.S. *see* Alamares, A.L. 70294
Cases, R. *see* Chamarro, M.A. 74229
Casewell, I.E. *see* Basker, S. 79076
Casey, H.C., Jr., Muth, J., Krishnankutty, S., Zavada, J.M. Dominance of tunneling current and band filling in InGaN/AlGaN double heterostructure blue light-emitting diodes 64976
Casey, L. The design of BTOP: an ATM bulk transfer protocol 118133
Casey, L. *see* Balabanian, V. 98448
Casey, M. *see* Bruckbauer, T. 90431
Casey, M.E., Gadagkar, H., Newport, D. A component based method for normalization in volume PET 70069
Casey, M.E. *see* Watson, C.C. 80235
Casey, M.E. *see* Watson, C.C. 90430
Casey, R. *see* Meliopoulos, A.P.S. 111651
Casey, R.G., Lecolinet, E. A survey of methods and strategies in character segmentation 97882
Casey, S., Hill, E., Miles, J., Sivasamy, P., Birtwistle, K., Middleton, B., Chapman, J., Rose, J. A study of PtCo films used for longitudinal recording 106548
Casey, S.D., Sadler, B.M. Modifications of the Euclidean algorithm for isolating periodicities from a sparse set of noisy measurements 108313
Cash, A.F., Stancil, D.D. Measurement of magnetostatic wave profiles using the interaction with transverse optical guided waves 110338
Cash, J.R., Psihoyios, Y. The MOL solution of time dependent partial differential equations 61057
Cashion, W.F. *see* McKinley, J.M. 75390
Cashman, M.Z. *see* Stanton, S.G. 70117
Casier, H., Van Wauwe, G., Vanoostende, P. The challenge of designing million-transistor ASICs 73191
Casini, D. *see* Bolognesi, P. 91669
Casini, D. *see* Bolognesi, P. 102882
Casini, D. *see* Carrara, G. 112088
Caskey, D.L. *see* Pletta, J.B. 71857
Caskun, T.H. *see* Christodoulides, D.N. 96709
Casner, S. *see* Estrin, J. 109196
Caso, G., Kuo, C.-C.J. New results for fractal/wavelet image compression 86506
Casolino, M. *see* Barbiellini, G. 69722
Caspani, P. *see* Alessandrello, A. 80100
Caspar, C., Foisel, H.-M., Patzak, E., Strebel, B., Weich, K. Improvement of crosstalk tolerance in optical cross-connects by regenerative frequency converters 109643
Caspers, F., Scholz, T. Measurement of trapped modes in perforated waveguides 79859
Caspers, F. *see* Bosser, J. 89844
Casperson, D., Ford, D., McKay, J. Ideal decompositions and subfields 72616
Casperson, D.E. *see* Czuchlewski, S.J. 111194
Casperson, L.W. *see* HanQun Shangguan 101079
Caspi, S., Helm, M., Laslett, L.J. The "inverse problem" to the evaluation of magnetic fields 96938
Caspi, S., Schlueter, R., Tatchyn, R. High-field strong-focusing undulator designs for X-ray Linac Coherent Light Source (LCLS) applications 100454
Caspi, S., Taylor, C. An experimental superconducting helical undulator 96559
Caspi, S. *see* Tatchyn, R. 96526
Caspi, S. *see* Taylor, C.E. 90055
Cass, T.A. Robust affine structure matching for 3D object recognition 67259
Cassandras, C.G. *see* Gang Bao 92408
Cassanho, A. *see* Sorokina, I.T. 96179
Cassar, J.-P. *see* Delmaire, G. 72325
Cassar, J.P., Ferhati, R., Woinet, R. Fault detection and isolation system design for a refinery unit 103473
Cassar, J.P., Staroswiecki, M. Advanced design of the decision procedure in failure detection and isolation systems 104431
Cassar, J.P., Staroswiecki, M., Cocquempot, V. Optimal residual design for model-based fault detection and isolation 76948
Cassar, J.P. *see* Berendsen, C.S. 112435
Cassar, J.P. *see* Tagina, M. 72335
Cassassolles, E., Martinet, L., Sedano, H., Tomasini, B. Integration of radar measurement attributes in the multiple hypothesis tracker: Results for track initiation 109705
Cassata, J.R., Schauer, D.A., Nelson, M.E., Pertmer, G.A., Riel, G.K. Impact of the revised ANSI standard on accredited thermoluminescence dosemeter processors 120555
Casse, G. *see* Beole, S. 110562
Casseau, E. *see* Luthi, E. 76738
Cassel, R.L. *see* Mattison, T.S. 100719
Cassell, R., Smith, A. Development of required navigation performance (RNP) requirements for airport surface movement guidance and control 70351
Cassette, S. *see* Delage, S.I. 83389
Cassette, S. *see* Delage, S.L. 62341
Cassey, L. Cornerstone Interactive–a software architecture for multimedia broadband 118615
Cassidy, D.T. *see* Adams, D.M. 76006
Cassidy, D.T. *see* Adams, D.M. 116533
Cassidy, D.T. *see* Lakshmi, B. 74365
Cassidy, D.T. *see* Lakshmi, B. 94556
Cassidy, E. *see* Deis, G. 106719
Cassidy, M. *see* Underwood, J. 60503
Cassinelli, A. *see* Pankoke, R. 75902
Cassinis, R., Grana, D., Rizzi, A. Using colour information in an omnidirectional perception system for autonomous robot localization 117796
Cassio, V. *see* Alvsvaag, S.J. 90124
Casstevens, M.K. *see* Yue Zhang 84941
Cassuto, J. *see* Mattsson, U. 90412
Castagnetti, R. *see* Haberli, A. 79362
Castagnetti, R. *see* Korvink, J.G. 89040
Castagno, L.A. *see* Costa, M.H. 101367
Castagno, R., Haavisto, P., Ramponi, G. A method for motion adaptive frame rate up-conversion 117584
Castagnolo, B.A., Nuovo, M.M. Generalized Interconnection Multihop Starring network 87491
Castagnozzi, D.M. *see* Kaminow, I.P. 77942
Castaldini, A., Cavallini, A., Fraboni, B., Polenta, L., Fernandez, P., Piqueras, J. Cathodoluminescence and photoinduced current spectroscopy studies of defects in Cd$_{0.8}$Zn$_{0.2}$Te 114648
Castaldo, F. *see* Abbate, G. 75540
Castaldo, R., Evers, C. Atlanta Hartsfield International Airport results of FAA trials to accurately locate/identify aircraft on the airport movement area 70429
Castaldo, R., Evers, C., Smith, A. Positive identification of aircraft on airport movement area–results of FAA trials 80583
Castaldo, R., Evers, C., Smith, A. Positive identification of aircraft on surface movement areas–results of FAA trials 120653
Castaneda, B., Aceves, R., Piters, T.M., Barboza-Flores, M., Melendrez, R., Perez-Salas, R. Actinometric thermoluminescence response of KCl$_{1-x}$Br$_x$:Eu^{2+} mixed crystals 106942
Castaneda, R. *see* Markov, V.B. 66879
Castaneda P., R. *see* Rios M., S. 101796
Castanedo, R. *see* Peykov, P. 74481
Castanie, F. *see* Ibnkahla, M. 109577
Castanie, F. *see* Molinaro, F. 66660
Castano, V.M. *see* Loske, A.M. 98079
Castano, V.M. *see* Plata, A.M. 111680
Castano, V.M. *see* Ramirez-Nino, J. 81114
Castanon, D. *see* Krishnamurthy, A. 119422
Casteele, J.Van de *see* Van de Casteele, J.
Castel, X. *see* Perrin, A. 61281
Castel-Branco, L., Nunes, M.S. Clock recovery for circuit emulation services over ATM 104651
Castelain, D. *see* Bidet, E. 68865
Castelin, S.F., Manning, R.A., Robertson, C.J., Tubridy, L.J., Bernstein, P.J. Exploratory development minehunting sensors for unmanned vehicles 90897
Castelino, D.J., Hurley, S., Stephens, N.M. A tabu search algorithm for frequency assignment 88795
Castelino, R.W. *see* Gronowski, P.E. 73468
Castellani, L. *see* Alvsvaag, S.J. 90124
Castellani, M. A necessary second-order optimality condition in nonsmooth mathematical programming 113157
Castellani, M., Pappalardo, M. Local second-order approximations and applications in optimization 92534
Castellano, J.A. The CRT display market: strategies and trends in the 1990s 89286
Castellano, J.A., Mentley, D.E. Large screen display industry market and technology trends for direct view and projection systems 89217
Castellano, M. *see* Barbiellini, G. 69722
Castellano, M. *see* Bulfone, D. 76053
Castellano, M. *see* Walker, R.P. 96521
Castellano, M.G., Leoni, R., Torrioli, G., Chiarello, F., Cosmelli, C., Costantini, A., Diambrini-Palazzi, G., Carelii, P., Cristiano, R., Frunzio, L. Switching dynamics of Nb/AlO$_x$/Nb Josephson junctions: measurements for an experiment of macroscopic quantum coherence 106698
Castellano, P., Sridharan, S. A two stage fuzzy decision classifier for speaker identification 76865
Castellano, P. *see* Katsouleas, T.C. 79848
Castellano, P. *see* Slomka, S. 117268
Castellanos, A. *see* Pontiga, F. 95248
Castellanos, F., Marti, J.R. Phase-domain multiphase transmission line models 111615
Castellanos, O., Rugeles, L., Urdaneta, A.J., Brillembourg, A., Hernandez, A.E., Nouel, B. Determination of worst case line energization overvoltages 102145
Castelletto, S., Godone, A., Novero, C., Rastello, M.L. Biphoton fields for quantum-efficiency measurements 89072
Castelli, A. *see* Bastida, E.M. 62275
Castelli, A. *see* Lamberti, C. 84076
Castelli, C.M., Fraser, G.W. A novel high energy X-ray detector concept using CCDs 101005
Castelli, E. *see* Arfelli, F. 90367
Castelli, E. *see* Arfelli, F. 90432
Castelli, E. *see* Arfelli, F. 110579
Castelli, F. The infrared thermal converter as a highly precise transfer standard 109977
Castelli, F. The potential transformer bridge with current comparator for measuring the voltage dependence of compressed-gas capacitors 109982
Castelli, F. Dynamic test method for the speed-torque characteristic of DC motors 111999
Castelli, J.C. BA.BI–an indoor bistatic RCS measurement facility an overview of its performances 68661
Castelli, S. A frame-grabber with DSP processors 67361
Castelli, S. The RC circuit in a single chip 83638
Castelli, S. A RISC microprocessor for speed control of AC motors 91452
Castelli, V., DeJong, J., Williams, L. A strategy for tandem color registration 67336
Castelli, V. *see* Chung-Sheng Li 66913
Castelli Dezza, F., Chiesa, E., Monti, A. Converters for grid-connected DC energy sources: a simulation tool to meet expected utility specifications 112123
Castellini, P., Rossi, G.L. Dynamic characterization of temperature sensors by laser excitation 99901
Castello, R. *see* Acciarri, M. 120165
Castello, R. *see* Baschirotto, A. 95215
Castello, R. *see* Baschirotto, A. 114069
Castello, R. *see* Rezzi, F. 114047
Castelluccia, C., Dabbous, W. Automatic protocol code optimisations 87405
Castelluccia, C., Dabbous, W., O'Malley, S. Generating efficient protocol code from an abstract specification 118146
Castera, J.P. *see* Mage, J.C. 68666
Castiaux, A. *see* Vigneron, J.-P. 97047
Castiglioni, G., Jaker, K.-P., Schluter, F. Active suspension with electrical actuators 91699
Castiglioni, P. *see* Di Rienzo, M. 90265
Castilla, M. *see* Montano, J.C. 70691
Castillo, C., Malave, C.O. A knowledge-based system for the automatic generation of PCB alternative designs 94020
Castillo, M.D.Iturbe *see* Iturbe Castillo, M.D.
Castillo, V. *see* Smith, G.A. 100606
Castillo, V.K., Quarles, G.J. Progress in the crystal growth of Ce:LiSAF 64596
Castillo-Borelly, P.E. *see* Zarabadi, S.R. 119625
Castillo-Mussot, M.Del *see* Del Castillo-Mussot, M.
Castle, G.S.P. *see* Jayaram, S. 96962
Castle, M., Lawson, W., Calame, J.P., Hogan, B., Latham, P.E., Cheng, J., Granatstein, V.L., Reiser, M. Design of 100 MW second harmonic gyroklystron for accelerator applications 62604
Castle, M. *see* Calame, J.P. 100480
Castle, M. *see* Cheng, J. 114518
Castle, M. *see* Lawson, W. 100481
Castle, M. *see* Saraph, G.P. 105043
Castleberry, D.A. *see* Fatic, V.M. 93091
Castleberry, D.A. *see* Fatic, V.M. 97205
Castles, S.H. *see* Shirron, P.J. 111156
Castleton, I.M. *see* Frost, J.E.F. 62934
Castleton, I.M. *see* Patel, N.K. 62900
Castoldi, A., Gatti, E. Fast tools for 3-D design problems in semiconductor detectors 110560
Castoldi, A., Rehak, P. High charge effects in silicon drift detectors with lateral confinement of electrons 100874
Castoldi, A., Rehak, P., Holl, P. A new silicon drift detector with reduced lateral diffusion 110559
Castoldi, A. *see* Holl, P. 110558
Castoldi, P., Allocca, M., Lo Presti, S., Trifoglietti, M. Technological and economical limits experienced for R&D mission simulation 120597
Castoldi, P., Raheli, R. A recursive formulation for quadratic detection on Rayleigh fading channels 66208
Castoldi, P., Raheli, R. On the performance of the quadratic receiver for Rayleigh fading channels 67514
Castoldi, P., Raheli, R. Optimal versus PSP-based sequence detection for Rayleigh fading channels 87263
Castonguay, A. *see* Noel, D.P. 94110
Castracane, J., Clow, L.P., Seidler, G. Optical multichannel transducer array far wind tunnel applications 119707

Castrillo, P., Armelles, G., Barbolla, J. Consequences of interface corrugation on the lattice dynamics and Raman spectra in high-index AlAs/GaAs superlattices 62972
Castrillo, P. *see* Hessman, D. 94497
Castrillo, P. *see* Pistol, M.-E. 63027
Castrillo, P. *see* Seifert, W. 105375
Castro, A.De *see* De Castro, A.
Castro, A.J.de *see* de Castro, A.J.
Castro, C.A., Bose, A., Handschin, E., Hoffmann, W. Comparison of different screening techniques for the contingency selection function [power system security analysis] 111467
Castro, E.de *see* de Castro, E.
Castro, F. *see* Gardner, P. 102558
Castro, J., Nabona, N. An implementation of linear and nonlinear multicommodity network flows 72499
Castro, J.C. *see* Ventura, L. 101231
Castro, J.C.S., Salgado, H.M., O'Reilly, J.J., Todd, C.J. Cancellation of third-order intermodulation distortion in a directly modulated DFB laser and optical discriminator 65292
Castro, J.C.S. *see* Salgado, H.M. 65352
Castro, J.D'Albuquerque e *see* D'Albuquerque e Castro, J.
Castro, M.J. *see* Gonzalez, L. 113296
Castro, M.Jimenez de *see* Jimenez de Castro, M.
Castro, M.V. *see* Fontan, F.P. 68160
Castro, P. *see* Brandt, D. 79971
Castro, P. *see* Brandt, D. 89824
Castro, P.J. *see* Barroso, J.J. 73672
Castro, P.J. *see* Barroso, J.J. 93735
Castro, P.J. *see* Barroso, J.J. 94198
Castro, R.M.G. *see* Estanqueiro, A.I. 102559
Castro, R.M.G. *see* Reis, F.A.G.S. 111858
Castro, R.Moreira de, Jr. *see* Moreira de Castro, R., Jr.
Castro Alves, V. *see* Marzouki, M. 93201
Castro Sayas, F., Allan, R.N. Generation availability assessment of wind farms 121410
Castrucci, P., Lagomarsino, S., Calicchia, P., Cedola, A. X-ray standing wave study of Si/Ge superlattices 113326
Casu, M.B. *see* Anedda, A. 62944
Caswell, A.C. Multicarrier transmission in a mobile radio channel 119027
Cat, H. *see* Gentile, A. 83139
Catalano, A. Photovoltaic material technology: the crossover to flat panel displays 89307
Catalano, A. Polycrystalline thin-film technologies: Status and prospects [solar cells] 103008
Catalano, I.M. *see* Lepore, M. 74362
Catalano, I.M. *see* Netti, M.C. 105346
Cataldo, G.De *see* De Cataldo, G.
Cataldo, G.Di *see* Di Cataldo, G.
Catalina, F. *see* Missana, T. 83800
Catanesi, M.G. *see* Antinori, F. 120156
Catanesi, M.G. *see* Simone, S. 69783
Catania, V., Ficili, G., Palazzo, S., Panno, D. A fuzzy expert system for usage parameter control in ATM networks 77673
Catania, V., Ficili, G., Palazzo, S., Panno, D. A comparative analysis of fuzzy versus conventional policing mechanisms for ATM networks 77683
Catania, V., Puliafito, A., Riccobene, S., Vita, L. Monitoring performance in distributed systems 118462
Catanzariti, S. ATM testing: standards pave the way 87562
Catasus, X. *see* Barbero, O. 111019
Cataudella, V. *see* Persico, V. 75306
Catchmark, J.M., Rogers, L.E., Morgan, R.A., Asom, M.T., Guth, G.D., Christodoulides, D.N. Optical characteristics of multitransverse-mode two-dimensional vertical-cavity top surface-emitting laser arrays 65353
Catchpole, I., Upton, P., Sinclair, A. Wide area differential GPS field study final conclusions 79075
Catedra, M.F. *see* Rivas, F. 97321
Catelani, M., Battista, P., Benincasa, F. A new methodology for monitoring soil status 111150
Catelani, M., Fedi, G., Giraldi, S., Luchetta, A., Manetti, S., Piccirilli, M.C. A new symbolic approach to the fault diagnosis of analog circuits 119538
Catelani, M., Fedi, G., Luchetta, A., Manetti, S., Marini, M., Piccirilli, M.C. A new symbolic approach for testability measurement of analog networks 113697
Catelani, M., Gori, M. On the application of neural networks to fault diagnosis of electronic analog circuits 109998
Catellani, A. *see* Mucchino, C. 61159
Catelli, J.R. *see* Cuddapah, R. 101028
Catello, L. *see* Caniggia, S. 107931
Catenaccio, A. *see* Garis, E.J. 89465
Cates, J.C. *see* Dee, R.H. 115725
Cates, R., Richey, R. Charge NiCd and NiMH batteries properly 91605
Catford, W.N., Mohammadi, S., Regan, P.H., Purry, C.S., Gelletly, W., Walker, P.M., Gyapong, G.J., Simpson, J., Warner, D.D., Davinson, T., Neal, R., Page, R.D., Shotter, A.C., Hibbert, I.M., Wadsworth, R., Forbes, S.A., Bruce, A.M., Thwaites, C., Thirolf, P., Van Duppen, P., Galster, W., Ninane, A., Vervier, J., Decrock, P., Huyse, M., Szerypo, J., Wauters, J. High resolution gamma-ray spectroscopy with a radioactive beam 69884
Cathcart, G.L. *see* Zrilic, D.G. 79981
Cathcart, S. *see* Gossink, D.E. 88083
Catherin, J.-M. Convergence technology put to the test 68899
Catherin, J.-M. Convergence and the quest for quality 118239
Catherinot, A. *see* Garapon, C. 92924
Cathey, J.J. *see* Chickamenahalli, S. 112109
Cathey, W.T., Dowski, E.R., FitzGerrell, A.R. Optical/digital aberration control in incoherent optical systems 117534
Cathignol, D., Sapozhnikov, O., Zhang, J., Chapelon, J.Y. Comparison of acoustical fields radiated from PZT piezoceramic and piezocomposite highly focused transducers 111374
Cathignol, D. *see* Broyer, P. 120509
Catino, D. *see* Perrone, M.R. 75454
Catrava, S. High quality desktop video conferencing using agent based systems 109163
Catravas, P., Stoner, R., Bekefi, G. Characteristics of the MIT microwiggler for free electron laser applications 96554
Catravas, P., Stoner, R., Blastos, J., Sisson, D., Mastovsky, I., Bekefi, G., Wang, X.-J., Fisher, A. MIT microwiggler for free electron laser applications 76055
Catravas, P. *see* Babzien, M. 96556
Cattadori, C. *see* Cribier, M. 110538
Cattai, A. *see* Bell, W. 120174
Cattanco, C. *see* Agnello, M. 110583
Cattaneo, G. Abstract rough approximation spaces (bridging the gap between fuzziness and roughness) 113133
Cattaneo, G., Magni, F., Milani, M., Rigotti, M. A cellular-automaton model for cooperative effects in matter-radiation interaction: the semiconductor laser 85535
Cattaneo, G.M. *see* Fiorino, C. 80526
Cattaneo, G.M. *see* Fiorino, C. 101449
Cattaneo, P. *see* Autiero, D. 69815
Cattaneo, P. *see* Mours, B. 100821
Cattaneo, P. *see* Mours, B. 120196
Cattaneo, P.W. Optimum FIR filter for sampled signals in presence of jitter 66657
Cattaneo, P.W. *see* Autiero, D. 80006
Cattani, A. *see* Bortolotti, C. 79102
Cattdori, C. *see* Calvi, M. 106964
Catten, C., Orme, M. Interstitial antennas for arterial plaque ablation 70210
Catten, J.C. *see* Iskander, M.F. 92096
Catthoor, F. *see* Janssen, M. 72485
Cattiaux, G. *see* Mahaut, S. 101616
Catto, G. *see* Spooner, E. 121407
Cattomio, R. *see* Malberti, P. 94939
Cattrall, D., Howard, G., Jordan, D., Buj, S. An interaction-avoiding call processing model 67648
Catughin, O. *see* Syrbu, A. 65207
Catunda, T., Nunes, L.A.O., Florez, A., Messaddeq, Y., Aegerter, M.A. Frequency upconversion mechanisms in Er^{+3}-doped fluoroindate glasses 106745
Cauchick-Miguel, P., King, T., Davis, J. CMM verification: a survey 99826
Caudano, R. *see* Diatezua, D.M. 75675
Caudano, R. *see* Wang, L. 94487
Caudano, Y. *see* Peremans, A. 107401
Caufape, S., Figueras, J. Power optimization of delay constrained CMOS bus drivers 73225
Cauley, G., Hirsch, P., Vojdani, A., Saxton, T., Cleveland, F. Information network supports open access [power transmission communication] 91076
Cauley, G. *see* Rahimi, A.F. 70728
Caulfield, H.J. Fuzzy optical metrology 68944
Caulfield, H.J. Beyond Fourier optical pattern recognition 108645
Caulfield, H.J. *see* Allen, F.T. 75633
Caulfield, H.J. *see* Allen, F.T. 98090
Caulfield, H.J. *see* Korzinin, Yu.L. 96821
Caulfield, H.J. *see* Osei, A. 75637
Caulfield, H.J. *see* Peng, H. 75661
Caulfield, H.J. *see* Srinivasan, R. 77395
Caulfield, H.J. *see* Yao Li 66944
Caulfield, T. *see* Cole, M.S. 92225
Caumo, J.R. *see* Rego, A.C.B. 99540
Caunegre, P., Abraham, C. Fault simulation for mixed-signal systems 83255
Cauquelin, C., Dague, G. A novel design of steam generator with axial economiser 121324
Caussyn, D.D., Baiod, R., Blinov, B.B., Chu, C.M., Courant, E.D., Crandell, D.A., Derbenev, Ya.S., Ellison, T.J.P., Kaufman, W.A., Krisch, A.D., Lee, S.Y., Minty, M.G., Nurushev, T.S., Ohmori, C., Phelps, R.A., Raczkowski, D.B., Ratner, L.G., Schwandt, P., Stephenson, E.J., Sperisen, F., von Przewoski, B., Wienands, U., Wong, V.K. First test of a partial Siberian snake for acceleration of polarized protons 119984
Caussyn, D.D. *see* Crandell, D.A. 100780
Caussyn, D.D. *see* Huang, H. 119985
Caussyn, D.D. *see* Kang, X. 89843
Caussyn, D.D. *see* Liu, J.Y. 79891
Caussyn, D.D. *see* Liu, J.Y. 89882
Caussyn, D.D. *see* Phelps, R.A. 119990
Caussyn, D.D. *see* Wang, L. 89881
Cauwenberghs, G., Temes, G.C. Adaptive calibration of multiple quantization oversampled A/D converters 114020
Cauwenberghs, G. *see* Edwards, R.T. 97426
Cauwet, F. *see* Ferro, G. 94441
Cauwet, F. *see* Ferro, G. 113472
Cauwet, F. *see* Pautet, C. 82600
Cava, R.J., Krajewski, J.J., Peck, W.F., Jr., Roberts, G.L. Dielectric properties of Ta_2O_5-SiO_2 polycrystalline ceramics 95244
Cava, R.J. *see* Suzuki, F. 75184
Cavaciuti, A., Matrona, P. Bi-directional optical amplifier system 78767
Cavaciuti, A. *see* Loh, W.H. 78943
Cavadore, C. *see* Solhusvik, J. 119721
Cavagnaro, M. *see* Bernardi, P. 110955
Cavaignac, J.F. *see* Abbes, M. 90145
Cavalcanti, G.H. *see* Tsui, K.H. 75786
Cavalcanti, S., Chiari, L., Severi, S., Avanzolini, G., Enzmann, G., Lamberti, C. Parametric analysis of heart rate variability during hemodialysis 120415
Cavaleiro, P.M. *see* Baptista, J.M. 69218
Cavalier, T.M. *see* Grinde, R.B. 82496
Cavalieri, D.J., Hall, D.K., Wang, J.R. Comparison of aircraft and DMSP SSM/I passive microwave measurements over the Bering Sea in April 1995 120820
Cavalieri, S., Di Stefano, A., Mirabella, O. Mapping automotive process control on IEC/ISA FieldBus functionalities 91916
Cavalieri, S. *see* Alfonzetti, S. 64390
Cavallari, F. *see* Basti, G. 90164
Cavallari, W. *see* Hache, F. 89534
Cavallaro, C., Coco, M., Raciti, A., Testa, A. A neuro-fuzzy approach to design adaptive control systems for PM motor drives 103092
Cavallaro, C., Musumeci, S., Raciti, A., Leotta, A., Nocera, U. Hardware and software simulations of hybrid generation systems 102332
Cavallaro, J.R. *see* Tittel, F.K. 105756
Cavallaro, S., Freni, S. Ethanol steam reforming in a molten carbonate fuel cell. A preliminary kinetic investigation 81865
Cavallera, P., Girard, P., Landrault, C., Pravossoudovitch, S. DFSIM: a gate-delay fault simulator for sequential circuits 73217
Cavalli, A.R., Byoung-Moon Chin, Kilnam Chon Testing methods for SDL systems 77723
Cavalli, P. *see* Adam, W. 69709
Cavalli, P. *see* Andrieux, M.L. 69739
Cavalli-Sforza, M. *see* Abe, K. 69708
Cavalli-Sforza, M. *see* Abe, K. 69726
Cavallini, A., Mazzanti, G., Montanari, G.C. Inference of a continuous auto-regressive model for the forecasting of nonstationary stochastic processes deriving from energy demand in electrical networks 121078
Cavallini, A., Mazzanti, G., Montanari, G.C., Simoni, L., Ghinello, I. A parametric investigation on the effect of harmonic distortion on life expectancy of power capacitors 121831
Cavallini, A. *see* Alietti, M. 120150
Cavallini, A. *see* Castaldini, A. 114648
Cavallini, A. *see* Franceschini, G. 91529
Cavallini, A. *see* Nava, F. 80028
Cavallini, A. *see* Nava, F. 100869
Cavallo, A.J. Security of supply: a neglected fossil fuel externality 102354
Cavallo, A.J. Wind turbine cost of electricity and capacity factor 102535
Cavallotti, P.L. *see* Callegaro, L. 106496
Cavanagh, R. *see* Hirst, E. 70673
Cavani, F. *see* Cane, V. 90630
Cavanna, A. *see* Milani, A. 71154
Cavanna, A. *see* Sfaxi, L. 62983
Cavasinni, V. *see* Autiero, D. 69815
Cavasinni, V. *see* Autiero, D. 80006
Cavasinni, V. *see* Bosi, F. 90134
Cavata, C. A Compton polarimeter for CEBAF Hall A 119996
Cavati, C.R. Planning of electrical energy distribution network 81046
Cavayas, F. *see* Fiset, R. 120890
Cavazzoni, C. *see* Cadeddu, R. 99514
Cavazzoni, C. *see* Jingyu Zhou 78923
Cavcey, K.H. *see* Hill, D.A. 65885
Cave, M., Donnelly, M.P. The pricing of international telecommunications services by monopoly operators 108889
Cavendish, D. *see* Gerla, M. 117994
Cavendish, D. *see* Mascolo, S. 87334
Cavenett, B.C. *see* Blomfield, C.J. 74464
Cavenett, B.C. *see* Brownlie, G.D. 74214
Cavenett, B.C. *see* Kennedy, T.A. 74215
Cavenett, B.C. *see* Massa, J.S. 74371
Cavenett, B.C. *see* Meredith, W. 74171
Cavenett, B.C. *see* Thompson, P.J. 75582
Cavenett, B.C. *see* Trager-Cowan, C. 75953
Cavenett, B.C. *see* Wang, S.Y. 74373
Cavenett, B.C. *see* Zhu, Z. 74198
Cavenor, M.C. *see* Arnold, J.F. 60441
Cavenor, M.C. *see* Roger, R.E. 67083
Caverly, R.H., Jain, N. Modeling GaAs PIN diodes for microwave and millimeter wave applications 73727
Cavers, J. *see* Ho, P. 88220
Cavers, J.K. The effect of quadrature modulator and demodulator errors on adaptive digital predistorters 113766
Cavers, J.K. A fast method for adaptation of quadrature modulators and demodulators in amplifier linearization circuits 113767
Caves, J., Moon, H. Benchmark of POWERTRAX CMSS against PWR transient power measurements 81271
Cavicchi, R. *see* Kunt, T. 79587

Cavicchi, R.E., Suehle, J.S., Kreider, K.G., Gaitan, M., Chaparala, P. Optimized temperature-pulse sequences for the enhancement of chemically specific response patterns from micro-hotplate gas sensors 119773
Cavicchi, T.J. Impulse invariance and multiple-order poles 108320
Cavigioli, C. *see* Rousseau, E. 99141
Caviglia, D.D. *see* Belhaire, E. 114178
Caviglia, D.D. *see* Bo, G.M. 62114
Caviglia, D.D. *see* Valle, M. 62104
Caviglia, D.D. *see* Valle, M. 103493
Caviglia, F., Ricaldone, P.G., Montalri, F. OTDR performance specification 69537
Caviglia, F. *see* Ives, D.J. 64682
Cavin, R.K., III, Liu, W. *(editors)* Emerging Technologies: Designing Low Power Digital Systems (Cat. No.96TH8189) 112668
Cavioni, T. *see* Asti, S. 115162
Cavone, G., Giaquinto, N., Savino, M., Trotta, A. Improved sine-wave parameter estimation for A/D converter testing 119589
Cavouras, D. *see* Panayiotakis, G. 64922
Cavus, A., Zeng, L., Tamargo, M.C., Bambha, N., Semendy, F., Gray, A. ZnCdSe/ZnCdMgSe quantum wells on InP substrates for visible emitters 75705
Cawley, E.L. *see* Bennet, J.M. 90165
Cawley, G.C., Talbot, N.L.C. Fast index assignment algorithm for vector quantisation over noisy transmission channels 97583
Cawley, P., Alleyne, D. The use of Lamb waves for the long range inspection of large structures 101621
Cawley, P. *see* Alleyne, D.N. 92988
Cawley, R.A. Fostering and using the highways and byways of Europe 77826
Cawthon, M.A. Digital radiology 80377
Cawthorne, A.B. *see* Whan, C.B. 75347
Cawthray, D. PCB presentation 82155
Cayla, J.N. *see* Travier, C. 90084
Caylor, T.L. *see* Dahlen, N.J. 80705
Caymax, M. *see* Kolodinski, S. 79422
Caymax, M. *see* Ohyama, H. 84306
Caymax, M. *see* Ohyama, H. 105873
Caymax, M. *see* Ohyamaa, H. 115145
Cazaban, F. *see* Bruniquel, J. 111088
Cazal, A., Jude, A., Cazaux, J.L., Clement, M. Design and performance of the transmit/receive module of advanced synthetic aperture radar (ASAR) for ENVISAT satellite 109738
Cazalis, B. *see* Bonneau, F. 107479
Cazares, T. *see* Sholley, M. 88699
Cazaux, J.L. *see* Cazal, A. 109738
Cazaux, J.L. *see* Rogeaux, E. 62363
Cazenave, A., Schaeffer, P., Berge, M., Brossier, C., Dominh, K., Gennero, M.C. High-resolution mean sea surface computed with altimeter data of ERS-1 (geodetic mission) and Topex-Poseidon 88704
Cazzani, S. Logic operating at 3.3 V 61805
Cazzani, S. XILINX reprogrammable CPLDs in flash technology 61806
Cazzani, S. Photodiode and amplifier on a single chip 64989
Cazzani, S. The approach of asynchronous transfer mode 67865
Cazzani, S. The analog devices 'VideoCon' H320 PC board for videoconferencing 67887
Cazzani, S. A switching matrix for ATM 67999
Cazzani, S. An isolating amplifier from Burr-Brown 82982
Cazzani, S. Video accelerator at 64 bit on RAMBUS 104606
Cazzani, S. A LAN with switching on a single chip 109080
Cazzani, S. ADSL technology on conventional twin conductors 109262
Cazzani, S. DVB: digital video broadcasting 109855
Cazzani, S. A new RISC 8-bit microcontroller 113958
Cazzani, S. Chips for multimedia systems 113972
Cazzani, S. Integrated devices for MPEG-1 117198
Cazzani, S. An Ethernet transceiver from 10 to 100 Mbit/s on a single chip 118315
Cazzani, S. Chips for wireless communications 118792
Cazzani, S. National Semiconductor chip sets for DECT 119029
Cazzani, S. New Hyundai Electronics chip-sets for DVB 119397
Cazzaniga, F. *see* Polignano, M.L. 84077
Cazzatello, G., Figlia, G., Van't Kloster, C.G.M. Large bandwidth matching network for the design of 40-60 GHz corrugated horn with orthomode transducer 66178
Cazzoli, E.G. *see* Khatib-Rahbar, M. 81251
Ce Liu *see* Yongmin Zhang 90758
Ce Ma *see* Verma, N.K. 94651
Ce Wang, Zhanyi Hu, Sing De Ma Active vision based stereo vision 86674
Ceballos-Caceres, J. *see* Delgado-Restituto, M. 113806
Ceberg, C. *see* Bjarngard, B.E. 80509
Ceberg, C.P., Bjarngard, B.E., Zhu, T.C. Experimental determination of the dose kernel in high-energy X-ray beams 80508
Cebi, H., Gupta, K.C. Effect of package shape on spurious coupling among microstrip discontinuities 93717
Cebollada, F. *see* Gonzalez, J.M. 115850
Cebon, D., Besinger, F.H., Cole, D.J. Control strategies for semi-active lorry suspensions 81981
Cebulla, U. *see* Weinmann, R. 75597
Cebulski, B., Hofmann, W. New fuzzy-controller design for speed control of electric drives 91808
Ceccarelli, F. *see* Vatalaro, F. 118862
Ceccarelli, M. *see* Farina, A. 68579
Ceccheti, C. *see* Rizzoli, V. 73678
Cecchetti, A. *see* Bottoni, G. 64434
Cecchetti, A. *see* Bottoni, G. 106516
Cecchetti, A. *see* Bottoni, G. 106542
Cecchetti, A. *see* Bottoni, G. 106559
Cecchetti, A. *see* Bottoni, G. 115593
Cecchetti, M. *see* Perron, L. 84410
Cecchi, C. *see* Basti, G. 90164
Cecchi, G. *see* Svanberg, S. 101579
Cecchi, M., Riccardi, L. Cost-benefit analysis of an urban transit communication and information system 92047
Cecelja, F. *see* Tariq, M. 100346
Cech, J.M. *see* Chung-Ping Chien 94133
Cedell, T. *see* Alakula, M. 91487
Cederblad, L. *see* Wang, J.P. 101869
Cederblad, L. *see* Wang, J.P. 101880
Cedervall, M., Stoica, P. System identification from noisy measurements by using instrumental variables and subspace fitting 66655
Cedola, A. *see* Castrucci, P. 113326
Cedola, A. *see* Jark, W. 120243
Cedola, A. *see* Lagomarsino, S. 69896
Cee, S. *see* Law, M.E. 74815
Ceekala, V. *see* Ferekides, C.S. 112338
Cefalo, R. *see* Manzoni, G. 79052
Cegrell, T. *see* Wang, J.P. 101869
Cegrell, T. *see* Wang, J.P. 101880
Cehan-Racovita, M. An improved boundary element method with FEM facilities 96895
Cehuan Wang *see* Wang Cehuan
Cei, F. *see* Baldini, A. 62650
Cejnar, P. *see* Honzatko, J. 101006
Cela, E. *see* Burkard, R.E. 93072
Celandroni, N., Ferro, E., Potorti, F. Comparison between distributed and centralized demand assignment TDMA satellite access schemes 68328
Celandroni, N., Ferro, E., Potorti, F. Experimental results of a demand-assignment thin route TDMA system 68329
Celanovic, N. *see* Goldfarb, M. 75065
Celaschi, S. *see* Garaldi, M.T.M.R. 85387
Celaschi, S. *see* Giraldi, M.T.M.R. 96153
Celata, C.M., Chupp, W., Faltens, A., Fawley, W.M., Ghiorso, W., Hahn, K.D., Henestroza, E., Peters, C., Seidl, P. Transverse combining of four beams in MBE-4 90010
Celaya, C. *see* Zemliak, A. 93832
Celaya, C. *see* Zemliak, A. 93849
Celaya, C. *see* Zemliak, A. 114298
Celebi, M.E., Kurz, L. Robust locally optimal filters: Kalman and Bayesian estimation theory 97398
Celeiro, F., Dias, L., Ferreira, J., Santos, M.B., Teixeira, J.P. VHDL fault simulation for defect-oriented test and diagnosis of digital ICs 115291
Celenk, M. Recognition of three-dimensional elastic volumes using cross-sections 67350
Celenk, M. Color scene recognition using relational distance measurement 86919
Celenk, M., Wu, J. Block truncation coding for color images using vector quantization 117713
Celentano, G., del Pizzo, A., Grassi, M.L., Pagano, E. An algorithm for direct torque control of field oriented asynchronous motor drives 121922
Celentano, G. *see* Abbruzzese, F. 102751
Celidonio, M., Di Zenobio, D. An independent sharing of two 16-star QAM broadcast channels 88821
Celier, V. Visibility control and migration of interfaces in large Ada systems 111072
Celii, F.G., Kao, Y.-C., Katz, A.J., Moise, T.S., Woolsey, M., Johs, B. Ellipsometry-based control for III-V MBE growth 63574
Celik, M., Cangellaris, A.C. Simulation of multiconductor transmission lines by Pade approximation via the Lanczos process 85919
Celik, M., Cangellaris, A.C., Deutsch, A. A new moment generation technique for interconnects characterized by measured or calculated S-parameters 60658
Celik-Butler, Z. 1/f noise as an electromigration characterization tool for W-plug vias between TiN/Al-Cu/TiN metallizations 74621
Celik-Butler, Z. *see* Zhang, R. 105728
Celina, M. *see* Birtwhistle, D. 70936
Celinski, Z. Power industry and environmental protection 71044
Celka, P. Experimental verification of chaotic self-synchronization in an integrated optical based system 65526
Celka, P. Synchronization of chaotic optical dynamical systems through 700 m of single mode fiber 119201
Cellai, L., Greco, A. Optimal phase relationship aids IM testing 100303
Cellario, L., Festa, M., Sereno, D., Muller, J.-M., Wachter, B. An object oriented generic audio coding architecture 118697
Celler, A., Sitek, A. SPECT transmission scans using multiple collimated line sources 101144
Celler, A. *see* Wells, R.G. 101127
Celliers, P., Da Silva, L.B., Dane, C.B., Mrowka, S., Norton, M., Harder, J., Hackel, L., Fiedorowicz, H., Bartnik, A., Maldonado, J.R., Abate, J.A. Optimization of X-ray sources for proximity lithography produced by a high average power Nd:glass laser 76312
Cellini, C. *see* Albertazzi, E. 94696
Cellini, C. *see* Nipoti, R. 94695
Cellini, C. *see* Revenant-Brizard, C. 83811
Celma, S. *see* Martinez, P.A. 61679
Celotta, R.J., Gupta, R., Scholten, R.E., McClelland, J.J. Nanostructure fabrication via laser-focused atomic deposition 75073
Celozzi, S., D'Amore, M. Magnetic field attenuation of nonlinear shields 97188
Celozzi, S., Sarto, M.S. Equivalent source method for the evaluation of the electromagnetic field penetration inside enclosures 65895
Celozzi, S., Sparvoli, G. FE-TD analysis of multiple nonlinear electromagnetic shields 65894
Celuch-Marcysia, M. *see* Abramowicz, A. 116942
Celuch-Marcysiak, M. Time-domain approach to microwave circuit modeling: a view of general relations between TLM and FDTD 114257
Celuch-Marcysiak, M., Gwarek, W.K. A novel variable source impedance technique for emulating unperturbed eigenmodes in the FD-TD method 65932
Celuch-Marcysiak, M., Gwarek, W.K. Higher-order modelling of media interfaces for enhanced FDTD analysis of microwave circuits 73677
Celuch-Marcysiak, M., Gwarek, W.K. Implicit incorporation of nonlinear elements for unconditionally stable FDTD analysis at coarse time-steps 93097
Celuch-Marcysiak, M., Gwarek, W.K. Spurious-free condensed-node time-domain simulation of guided wave problems 97279
Celuch-Marcysiak, M., Kozak, A., Gwarek, W.K. A universal method of accurate S-parameter extraction from FD-TD simulations applicable to oblique ports 85918
Celuch-Marcysiak, M. *see* Gwarek, W.K. 65958
Celuch-Marcysiak, M. *see* Mroczkowski, C. 65980
Cembali, F. *see* Servidori, M. 61273
Cemes, R., Ait-Boudaoud, D. A MATLAB based development tool for multiplier-less filter design using genetic algorithm 83243
Cen, A., Chengxun Wang, Hama, H. A fast algorithm of neighborhood coding and operations in neighborhood coding image 67057
Cen, S., Pu, C., Staehli, R., Cowan, C., Walpole, J. A distributed real-time MPEG video audio player 119405
Cenac, C., Jarry, B., Guillon, P. X-band active filters with half-wave or ring resonators and variable gain and phase monolithic circuits 62353
Cenac, C. *see* Billonnet, L. 62306
Cendes, Z. *see* McDermott, T. 107819
Cendes, Z. *see* Silvestro, J. 97320
Cenek, M., Kazelle, J. Verification of operation of nickel-cadmium storage batteries in marine yacht NIKE II and in marine cabin sailing-ship VIKI II 112227
Cengher, D. *see* Buda, M. 65208
Cennamo, F. *see* Arpaia, P. 69012
Cennamo, F. *see* Arpaia, P. 109990
Cennamo, F. *see* Arpaia, P. 110042
Cennamo, F. *see* Arpaia, P. 110073
Cennini, P. *see* Calero, J. 89547
Cennini, P. *see* Casagrande, F. 69845
Censor, D. *see* Gurwich, I. 97037
Censor, Y., Reich, S. Iterations of paracontractions and firmly nonexpansive operators with applications to feasibility and optimization 92535
Centen, P.G. *see* Roks, E. 89163
Centen, P.G.M. *see* Roks, E. 110201
Centeno, A., Breeze, J. The potential use of HTS filters in satellite payloads 62161
Centeno, M.A. *see* Benitez, J.J. 110266
Centeno, M.Fernandez *see* Fernandez Centeno, M.
Centioli, C. *see* Bertocchi, A. 110038
Centurioni, S. *see* Cairo, F. 120757
Cenys, A. *see* Tamasevicius, A. 61683
Cenys, A. *see* Tamasevicius, A. 93176
Cenzon, E.B. *see* Flores, J.C. 80818
Cepisca, C. *see* Golovanov, C. 79201
Cepisca, C. *see* Oarga, Gh. 81592
Ceranka, B., Katulska, K. Optimum biased spring balance weighing designs under equal covariances of errors 92483
Ceraolo, M. Improving the economic competitiveness of small-load long-distance AC transmission systems by the use of static compensators at the receiving end 121091
Ceraolo, M., Barsali, S. Thyristor controlled braking resistors to improve power electric systems 121013
Cerasari, S. *see* Almeida, J. 94572
Cercas, F.A.B., Tomlinson, M., Albuquerque, A.A. Efficient satellite receiver using TCH codes 78624
Cerdeira, F. *see* Brafman, O. 92712
Cerdonio, S. *see* Carugno, G. 100803
Cereghelti, N. *see* Camani, M. 91741
Ceres, R. *see* Bastos, T.F. 90864
Ceresa, M. *see* Barili, A. 71732
Ceresara, L., Iembo, A., Fuso, F., Labardi, M., Allegrini, M., Arimondo, E., Diodati, A., Watts,

B.E., Leccabue, F., Bocelli, G. Pulsed laser ablation deposition and characterizations of superconductive/ferroelectric bilayers 92907
Cereseto, R. *see* Alvsvaag, S.J. 90124
Ceretto, F. *see* Faschingbauer, U. 110557
Ceretto, F. *see* Holl, P. 110558
Cerezo, A., Hyde, J.M., Sijbrandij, S.J., Smith, G.D.W. Data analysis in the optical PoSAP 79563
Cerf, R. An asymptotic theory for genetic algorithms 60893
Cerga, V. *see* Oprea, I. 91274
Ceria, S. *see* Balas, E. 92530
Cerisola, M., Fong, T.K., Hofmeister, R.T., Kazovsky, L.G., Lu, C.L., Mekkittikul, A., Poggiolini, P. Novel distributed slot synchronization technique for optical WDM packet networks 88575
Cerisola, M. *see* Chlamtac, I. 78735
Cernak, J. Digital generators of chaos 73180
Cernat, M. *see* Olteanu, I.D. 75078
Cerne, J. *see* Kono, J. 105391
Cerniansky, M. *see* Malacky, L. 104147
Cernik, M. *see* Benda, V. 115153
Cernuschi, F. *see* Barraza, R. 113026
Cernuschi, F. *see* Gori, M. 101622
Cernuschi, F. *see* Gori, M. 101625
Cernuschi-Frias, B. *see* Barraza, R. 113026
Cerny, E. *see* Bois, G. 104257
Cerny, E. *see* Tahar, S. 98380
Cerny, E. *see* Zejda, J. 73228
Cerofolini, G.F., La Bruna, G., Meda, L. Gas-phase room-temperature oxidation of (100) silicon 63277
Cerofolini, M. *see* Capineri, L. 69983
Cerovina, R. *see* Dekic, S. 81312
Cerrati, V.J. *see* Doyle, K.B. 69293
Cerre, N., de Fornel, F., Goudonnet, J.P., Ladan, P.R., Guerrin, P. Spatial spectroscopy with the reflection scanning microscope 100061
Cerri, A. *see* Blau, B. 95527
Cerri, A. *see* Jakob, B. 95420
Cerri, G., De Leo, R., Primiani, V.M. ESD indirect coupling modeling 96926
Cerrina, F. *see* Fanfoni, M. 105441
Cerrito, P.B. *see* Barnes, G.R. 77910
Cerron Zeballos, E., Crotty, I., Hatzifotiadou, D., Lamas Valverde, J., Neupane, S., Williams, M.C.S., Zichichi, A. A new type of resistive plate chamber: The multigap RPC 90141
Cerron Zeballos, E., Crotty, I., Hatzifotiadou, D., Valverde, J.L., Neupane, S., Peskov, V., Singh, S., Williams, M.C.S., Zichichi, A. A comparison of the wide gap and narrow gap resistive plate chamber 69786
Certon, D. *see* Levassort, F. 106366
Cerutti, G. *see* Adam, W. 69709
Cerutti, S., Carrault, G., Cluitmans, P.J.M., Kinie, A., Lipping, T., Nikolaidis, N., Pitas, I., Signorini, M.G. Nonlinear algorithms for processing biological signals 110852
Cerva, H. *see* Behr, T. 72790
Cerva, H. *see* Kappelt, M. 105342
Cervelli, F. Status of DAΦNE and KLOE 120213
Cerven, I. *see* Barancok, D. 115438
Cervenka, D. Lessons learned from ITV trials 68874
Cervenka, D. Bricking up the 'net to make it safe for business: digital certificates, firewalls and other safety measures 109009
Cervenka, D. Designers pour 'smarts' into digital test gear [CATV] 119473
Cervenka, P. *see* Ollivier, F. 88722
Cervera, M., Martinez, J., Garrido, J., Piqueras, J. Temperature evolution during scanning electron beam processing of silicon 62685
Cervini, R., Holmes, A.B., Moratti, S.C., Koehler, A., Friend, R.H. Synthesis of new conjugated thiophene polymers 72968
Cesa-Bianchi, N., Long, P.M., Warmuth, M.K. Worst-case quadratic loss bounds for prediction using linear functions and gradient descent 66237
Cesana, M. *see* Botti, O. 91696
Cesar, A.C., Souza, R.F. Dielectric and magnetic anisotropy effect on the nonradiative dielectric (NRD) waveguide dispersion 93677
Cesar, A.C. *see* Manfrin, S.K. 99954
Cesar, C. *see* Deis, G. 106719
Cesar, C.L. *see* Reynoso, V.C.S. 74442
Cesar, R.Marcondes, Jr. *see* Marcondes Cesar, R., Jr.
Cesare, G.de *see* de Cesare, G.
Cesarevic, A. *see* Vukovic, K. 81311
Cesarini, F., Gori, M., Marinai, S., Soda, G. A hybrid system for locating and recognizing low level graphic items 67487
Cesario, P., Firpo, P., Savio, S. Protection setting in 2×25 kV 50 Hz railway traction systems by digital simulation 71814
Cesarky, C. *see* Mandolesi, N. 109844
Cesarsky, C. *see* Mandolesi, N. 99703
Cesarsky, C. *see* Smoot, G.F. 99702
Cescato, L. *see* Soltz, D. 84159
Cescato, L. *see* Soltz, D. 114965
Ceschia, M. *see* Paccagnella, A. 63755
Ceschia, M. *see* Paccagnella, A. 74738
Ceschia, M. *see* Paccagnella, A. 106014
Ceschini, M., Pavesi, L. Relevance of the carrier diffusion on the luminescence in porous silicon 62674
Cesile, C. *see* Chiussi, S. 113322
Cesky, T. *see* Hunt, K.J. 79131
Cesna, A. *see* Kundrotas, J. 62731
Cesnak, L. *see* Kovac, P. 106669
Cespedes, I. *see* Ophir, J. 90290
Cesura, G., Findeis, N., Hauff, D., Hoernel, N., Kemmer, J., Klein, P., Lechner, P., Lutz, G., Richter, R.H., Seitz, H. New pixel detector concepts based on junction field effect transistors on high resistivity silicon 110581
Cetin, A.E. *see* Gerek, O.N. 86509
Cetiner, M.A. *see* Yucel, H. 69847
Cetinkaya, S. *see* Aybay, I. 114167
Cetintas, M. *see* Gamidov, R. 85506
Ceton, R. *see* Ping Wang 82304
Ceton, R. *see* Wang, P. 115272
Cetronio, A. *see* Bertuccio, G. 120200
Ceuninck, W.De *see* De Ceuninck, W.
Ceuster, D.de *see* de Ceuster, D.
Cevenini, F. *see* Bulfone, D. 76053
Cevenini, F. *see* Walker, R.P. 96521
Cevolani, G., Gabucci, F.G., Hajduk, A., Hajdukova, M., Porubcan, V., Trivellone, G. Baseline effect on the forward-scatter radar reflections from meteor trains 99712
Cevoli, R. *see* Bassini, R. 88942
Cevoli, R. *see* Bassini, R. 100963
Cezairliyan, A., Righini, F. Issues in high-speed pyrometry 119685
Cezhou Zhao *see* Zhao Cezhou
Cha, B.H. *see* Cho, S.O. 96447
Cha, B.H. *see* Lee, B.C. 96458
Cha, E., Chisin Chiang, Enguero, J., Lee, J.J.K. Effect of temperature and altitude on flying height 115746
Cha, G.S. *see* Hower, R.W. 115385
Cha, H.-W., Watanabe, K. Wideband CMOS current conveyor 83259
Cha, I.W. *see* Kim, K.M. 76929
Cha, K. *see* Liu, Y. 62149
Cha, M. *see* Ju, J.J. 107164
Cha, Y.Y., Gweon, D.G. A calibration and range-data extraction algorithm for an omnidirectional laser range finder of a free-ranging mobile robot 119869
Cha Guee-Soo *see* Guee-Soo Cha
Cha Gunagming *see* Gunagming Cha
Cha Hyuk Jin *see* Hyuk Jin Cha
Cha Inhyok *see* Inhyok Cha
Cha Jin-Jong *see* Jin-Jong Cha
Cha Kai-Da Wang, Xiang Yang The TDM fiber sensors network for automatic measuring and managing of oil depots 79448
Cha Kyung Hwan *see* Kyung Hwan Cha
Cha Myoungsik *see* Myoungsik Cha
Cha Sang-Yeob *see* Sang-Yeob Cha
Cha Seon-Young *see* Seon-Young Cha
Cha Yong-Ho *see* Yong-Ho Cha
Cha Young Jun *see* Young Jun Cha
Cha-Gyun Jeong, Hong Jeong Mean field theory for automatic phone segmentation and labeling of continuous speech 86122
Cha-Gyun Jeong *see* Hong Jeong 76847
Cha-Mei Tang Microelectronic applications for RF sources and accelerators 73977
Cha-Mei Tang, Swyden, T.A., Yadon, L.N., Temple, D., Ball, C.A., Palmer, W.D., Mancusi, J.E., Vellenga, D., McGuire, G.E. Theory and experiment of field-emitter arrays with planar lens focusing 73995
Chaaban, F.B., Chedid, R., Mellor, P.H. Steady state and sensitivity analysis of high-field permanent magnet machines 121451
Chaaban, M., Leduc, J. IREQ's experience in the field of cable ampacity calculations using the finite element method 102171
Chaabane, H., Bourgoin, J.C. Resonant tunneling through single GaAlAs barriers 74351
Chaar, L., Kamath, G., Mohan, N., Henze, C.P., Kolar, J.W. Sinusoidal current rectification and ripple cancellation in a very wide three phase AC input to generate a regulated DC output 112128
Chaaraoui, J.J. *see* Liu, W.D. 71559
Chaari, O., Bastard, P., Meunier, M., Brouaye, F. Transients analysis in resonant grounded power distribution systems 111594
Chaari, O., Meunier, M., Brouaye, F. Wavelets: a new tool for the resonant grounded power distribution systems relaying 102235
Chab, V. *see* El-Kader, K.M.A. 94319
Chabal, Y.J., Feijoo, D., Christman, S.B., Goodwin, C.A. Probing the interface of bonded silicon wafers with infrared absorption spectroscopy 63200
Chaban, I.A. High-temperature superconductors: dependence on pressure and applications in acoustics. An analysis of the impurity mechanism 75292
Chaban, V.I. Accelerated search of forced periodic regimes in circuits with magnetic conductors 93020
Chabannes, P. *see* Tastet, P. 104337
Chabanov, V.E. Thermoelastic excitation of acoustic signals by a laser in solids with a free boundary 93000
Chabasseur-Molyneux, V., Frost, J.E.F., Simmons, M.Y., Ritchie, D.A., Pepper, M. Transport through an array of small ohmic contacts alloyed to the two-dimensional electron gas of a GaAs/AlGaAs heterostructure 74468
Chabasseur-Molyneux, V. *see* Zailer, I. 105748
Chabert, M. *see* Tourneret, J.-Y. 117470
Chabloz, P., Keppner, H., Fischer, D., Link, D., Shah, A. Amorphous silicon p-i-n diodes, deposited by the VHF-GD process: new experimental results 92905
Chaboud, T. Domino tiling in planar graphs with regular and bipartite dual 72444
Chabrat, P. *see* Tardy, I. 107872
Chabre, Y. *see* Percheron-Guegan, A. 71657
Chabrerie, C., Musseau, O., Flament, O., Leray, J.-L., Boudenot, J.-C., Shipman, B., Callewaert, H. Post-irradiation effects in a rad-hard technology 74846
Chabrerie, C., Musseau, O., Flament, O., Leray, J.-L., Boudenot, J.-C., Shipman, B., Callewaert, H. Post-irradiation effects in a rad-hard technology 106216
Chabrerie, C. *see* Autran, J.L. 95010
Chabriais, J. *see* Moreau, J.-F. 110647
Chabu, I.E. *see* Nabeta, S.I. 102726
Chacham, H. *see* Correa F, J.A. 62764
Chacham, H. *see* Koiller, B. 114773
ChaChi Huang, Gillies, D. The determination of an autonomous vehicle's position by matching the road curvature 89479
Chack, A. *see* Benguigui, L. 94324
Chack, A. *see* Zelikson, M. 95711
Chacko, A.K. *see* Benson, A.E. 110920
Chacko, A.K. *see* Boushka, W.M. 110818
Chacko, D. *see* Huber, C. 72966
Chacon, O.L. *see* Vazquez-Martinez, E. 111671
Chadaga, B. *see* Puvvada, R. 120321
Chaddha, N. Model-based motion compensated compression for synthetic animations 86747
Chaddha, N., Chou, P.A., Gray, R.M. Constrained and recursive hierarchical table-lookup vector quantization 86730
Chaddha, N., Perlmutter, K., Gray, R.M. Joint image classification and compression using hierarchical table-lookup vector quantization 86722
Chaddha, N., Vishwanath, M. A low power video encoder with power, memory and bandwidth scalability 98339
Chaddha, N., Wall, G.A., Schmidt, B. An end to end software only scalable video delivery system 118211
Chadha, D. *see* Kumar, R.R. 65964
Chadha, D. *see* Rajesh Kumar, R. 97228
Chadha, G.K. *see* Jeyakumar, R. 112419
Chadha, S.S., Smith, D.W., Vecht, A., Gibbons, C.S. New and improved phosphors for low-voltage applications 85269
Chadha Ritu *see* Ritu Chadha
Chadi, D.J. Bond instability and impurity compensation in II-VI semiconductors: theory 62745
Chadi, D.J. *see* Thio, T. 74219
Chadi, J.D. *see* Linke, R.A. 65455
Chadi, J.D. *see* Thio, T. 64617
Chadran, A. *see* Rehak, A. 87627
Chadwick, A.V., Harsch, A., Russell, N.V., Tse, K.F., Whitham, A.R., Wilson, A. Nanocrystalline copper doped zinc oxide gas sensors 89189
Chadwick, D.W. *see* Ma Yue 98490
Chae, H.-B. *see* Yi, S.-Y. 117665
Chae, S.J. *see* Chai, J.S. 100809
Chae, Y.-C. *see* Cho, Y. 79994
Chae, Y.-C. *see* Lessner, E. 89819
Chae Deok Lee, Yong Sang Joh, Eun Deok Sim, Seung Il Min, Soo Kyung Chang The characteristics of ZnS/ZnSe quantum-well structures grown by metalorganic atomic layer epitaxy 92748
Chae Gon Oh, Jin Goo Kim, Chang Wan Hong, Sung Pyo Hong, Yunmo Chung A real time digital convergence system using interpolation 104569
Chae Ha Pak *see* Ki Jun Kim 118864
Chae Hee-Baik *see* Hee-Baik Chae
Chae Hong-In *see* Hong-In Chae
Chae Hun Chung, Sung Ho Cho, Sangwon Kang, Young Whan Lee Performance of convolutional coded and uncoded DS/CDMA system in Nakagami fading channels 99156
Chae Jung Hong *see* Hong Chae Jung
Chae Ok Kim *see* Ki Hyung Kim 62676
Chae Seok-Ik *see* Seok-Ik Chae
Chae Soo Hoan *see* Soo Hoan Chae
Chae Soo-Ik *see* Soo-Ik Chae
Chae Wook Lim *see* Seong Won Ryu 109935
Chae Yong-Chul *see* Yong-Chul Chae
Chae-Joo Moon, Byung-Soo Cho Design of fuzzy control system for chemical injection system retrofit using neural network model in thermal power plant 111777
Chae-Soo Lee, Kyeong-Man Kim, Eung-Joo Lee, Yang-Woo Park, Yeong-Ho Ha Nonlinear quantization and modified dot diffusion for color printing 86620
Chae-Soo Lee *see* Kyeong-Man Kim 98235
Chaedeok Lim *see* Soran Ine 118431
Chaehag Yi, Jae Hong Lee Performance of multicarrier M-ary QAM for high rate transmission in wireless communications 68063
Chaffai, R. *see* Daniel, F. 71471
Chaffin, N., Lewis, I., Griffiths, P.R. Application of a zirconium fluoride fiber optic diffuse reflectance probe for the remote identification of solids 79456
Chafin, A. *see* Lindsay, G. 85595
Chagas, M.I., Abegg, G.L. Teachers as innovators: a case study of implementing the interactive videodisc in a middle school science program 82122
Chahal, L.El *see* El Chahal, L.

Chahal, P., Tummala, R.R., Allen, M.G., Swaminathan, M. A novel integrated decoupling capacitor for MCM-L technology 114480
Chahdrasekhar, P., Natarajan, R. Confidence limits for steady-state availability of systems with a mixture of exponential and gamma operating time and lognormal repair time 92321
Chahed, L. *see* Zellama, K. 94673
Chahine, S.Abou *see* Abou Chahine, S.
Chahl, J., Weber, K., Srinivasan, M.V., Venkatesh, S. Centring behaviour for mobile robots using insect based cues 86666
Chai, B.H.T. *see* Jensen, T. 65120
Chai, B.H.T. *see* Sutherland, J.M. 75895
Chai, B.H.T. *see* Tong, Y.P. 65132
Chai, B.H.T. *see* Zhang, X.X. 96183
Chai, B.L.H. *see* Lee, J.W. 114907
Chai, D. *see* Ngan, K.N. 77110
Chai, J.S., Ha, J.H., Lee, C.S., Kim, J.C., Chung, H.T., Chae, S.J., Moon, J.Y., Huh, J.Y., Kim, Y.S., Yu, J.K., Song, G.W., Bhatti, S.H., Park, J.H., Park, S.H., Kim, I.C., Kim, Y.S., Kim, Y.K., Hwang, J.S., Nam, H.Y., Cho, M. Light output response of BaF$_2$ scintillator to light charged particles of medium energy 100809
Chai Chun-Yi *see* Chun-Yi Chai
Chai Jangbom *see* Jangbom Chai
Chai Kiat Yeo *see* Bu Sung Lee 118509
Chai Kiat Yeo *see* Yeo Chai Kiat
Chai Sang Hoon *see* Sang Hoon Chai
Chai Sang-Hoon *see* Sang-Hoon Chai
Chai Sanghoon *see* Sanghoon Chai
Chai Shunlian *see* Shunlian Chai
Chai Wah Wu, Chua, L.O. On the generality of the unfolded Chua's circuit 104293
Chai Wah Wu, Guo-Qun Zhong, Chua, L.O. Synchronizing nonautonomous chaotic systems without phase-locking 83273
Chai Wah Wu, Tao Yang, Chua, L.O. On adaptive synchronization and control of nonlinear dynamical systems 67508
Chai Wah Wu *see* Chua, L.O. 114156
Chai Yanjie, Zhang Hanyi, Zhou Bingkun Stability limit conditions of semiconductor lasers with a strongly coupled external cavity 96317
Chai Yanjie *see* Yanjie Chai
Chai Yong-Yoong *see* Yong-Yoong Chai
Chai Yuqing *see* Wu Deyong 65012
Chai-Keong Toh Performance evaluation of crossover switch discovery algorithms for wireless ATM LANs 87806
Chai-Keong Toh A novel distributed routing protocol to support ad-hoc mobile computing 108843
Chaib, J.-P., Leib, H. Chip shaping and channel coding for CDMA 68055
Chaib, J.P., Leib, H. Combined trellis/Reed-Muller coding for CDMA 86117
Chaichimansour, M. *see* Yang, T. 82683
Chaika, A.N. *see* Ivanova, N.L. 106881
Chaiken, A., Michel, R.P., Wang, C.T. Magnetic properties of epitaxial and polycrystalline Fe/Si multilayers 64360
Chaiken, A. *see* Michel, R.P. 64361
Chaiken, A. *see* Michel, R.P. 113488
Chaiken, A. *see* Parsi, K. 75263
Chaikin, P.M. *see* Mansky, P. 63487
Chaikina, E.I. *see* Bagraev, N.T. 62913
Chaikovskii, V.I. *see* Larkin, S.Yu. 79646
Chaikovsky, V.I. *see* Anischenko, S.E. 115954
Chailan, J.F. *see* Somatri, R. 92722
Chaillout, J.J., Berthier, J., Blanpain, R. Modelling of electromagnetic wakes of moving submerged bodies in stratified sea water 65701
Chaimbault, D., Verdeyme, S., Guillon, P. Rigorous design of the coupling between a dielectric resonator and a microstrip line 62189
Chaimbault, D., Verdeyme, S., Guillon, P. Transversal dielectric resonator filter design 114242
Chainey, W.E. Evaluation of custom computer system bids 101853
Chaing Yan-Hua *see* Yan-Hua Chaing
Chairman, D. *see* Arensburg, A. 96443
Chairman, D. *see* Cohen, M. 96453
Chaitanya Kumar, M.V., Moolri, M., Agrawal, N.K., Gupta, S.C. A technique to improve the performance of resonant absorbers 68686
Chaitin-Chatelin, F., Gratton, S. Convergence in finite precision of successive iteration methods under high nonnormality 103717
Chaix, P. *see* Piovella, N. 96500
Chakalov, R.A. *see* Grigorov, K.G. 95480
Chakalov, R.A. *see* Nurgaliev, T. 106655
Chakari, A. *see* Eckerle, M. 95741
Chakarian, V. *see* Kemner, K.M. 64452
Chaker, M. *see* Pelletier, J.F. 96104
Chaker, M. *see* Tabbal, M. 104144
Chakera, J.A. *see* Navathe, C.P. 85558
Chakhovskoi, A. *see* Trujillo, J.T. 73988
Chakhovskoi, A.G. *see* Malinowski, M.E. 74019
Chaki, S., Takagi, T., Tsukahara, Y., Matsubayashi, H., Andoh, N., Sasaki, Y., Otsubo, M. A miniaturized X-band 4-stage LNA designed using a novel layout optimization technique 93862
Chaki, S. *see* Iyama, Y. 114293
Chaki, S. *see* Nakahara, K. 73794
Chakk, Y., Brener, R., Hoffman, A. Mechanism of diamond formation on substrates abraded with a mixture of diamond and metal powders 72915
Chakrabarti, C. *see* Hsiang-Ling Li 86352
Chakrabarti, D.R., Jain, A. An improved hierarchical test generation technique for combinational circuits with repetitive sub-circuits 61760
Chakrabarti, D.R., Jain, A. An efficient test generation technique for sequential circuits with repetitive sub-circuits 93327
Chakrabarti, K. *see* Mathur, V.K. 110979
Chakrabarti, N., Bhattacharya, D.P. Electrostatic screening due to non-equilibrium carriers 94291
Chakrabarti, N.B. *see* Pal, R.R. 113798
Chakrabarti, N.B. *see* Ray, S.K. 61364
Chakrabarti, P., Gupta, A., Khan, N.A. An analytical model of GaAs OPFET 115230
Chakrabarti, P., Madheswaran, M., Lahiri, S.K. Fabrication and characterization of an optically controlled MOS capacitor 106238
Chakrabarti, P., Madheswaran, M., Mishra, B.K., Singatwaria, S., Tandon, A., Ghosh, B. Effect of surface states on the electrical and optical characteristics of InP MIS capacitor 94614
Chakrabarti, P. *see* Madheswaran, M. 106940
Chakrabarti, P. *see* Pratapneni, S. 82248
Chakrabarti, P.P. *see* Mandal, C.A. 93080
Chakrabarti, P.P. *see* Mohan, C.R. 73268
Chakrabarti, S., Dhar, S. Ohmic contacts to porous silicon by electroless nickel plating 105460
Chakrabarti, S. *see* Dhar, S. 105725
Chakrabarti, U.K. *see* Chand, N. 96407
Chakrabarti, U.K. *see* Ketelsen, L.J.P. 109608
Chakrabarty, A. *see* Sahoo, G. 78985
Chakrabarty, K., Hayes, J.P. Balance testing and balance-testable design of logic circuits 61821
Chakrabarty, K., Poddar, G., Banerjee, S. Bifurcation behavior of the buck converter 71487
Chakraborty, A., Basu, R.N., Paria, M.K., Maiti, H.s. Synthesis of La(Ca)CrO$_3$ powder by an autoignition process and study of its sintering behavior and electrical conductivity 81840
Chakraborty, A., Bellesis, G.H., Mountfield, K.R., Lambeth, D.N., Kryder, M.H. Search for high moment soft magnetic materials: FeZrN 64260
Chakraborty, A., Choudhury, P., Maiti, H.S. Electrical conductivity in Sr-substituted lanthanum manganite (La$_{1-x}$Sr$_x$MnO$_3$) cathode material prepared by autoignition technique 81812
Chakraborty, A., Ranga Rao, K.S., Chowdhury, S.K. Evaluation of active admittance of radiating apertures for the purpose of performance analysis in a dynamic environment 76642
Chakraborty, A., Staib, L.H., Duncan, J.S. An integrated approach for surface finding in medical images 110752
Chakraborty, A.K. *see* Pal, D. 92953
Chakraborty, B. *see* Saxena, A.K. 119834
Chakraborty, C., Bhadra, S.N., Chattopadhyay, A.K. Analysis of parallel-operated self-excited induction generators 111959
Chakraborty, C., Bhadra, S.N., Chattopadhyay, A.K. Excitation requirements for stand alone three-phase induction generator 111981
Chakraborty, D.P. *see* Ghosh, B. 112405
Chakraborty, G., Shiratori, N. Soft resource reservation: A flexible guarantee of QoS 87444
Chakraborty, J., Elkatib, M., Purohit, A., Kalla, S. Current trend of American medical education–the place of alternative medicine 120256
Chakraborty, R.N. *see* Bhadra, S.K. 104253
Chakraborty, S., Roy Chowdhury, D., Pal Chaudhuri, P. Theory and application of nongroup cellular automata for synthesis of easily testable finite state machines 93228
Chakraborty, S.K. *see* Das, S.K. 85870
Chakraborty, S.S. Mobile multimedia: in context to ATM transport and GSM/GPRS mobile access networks 87931
Chakraborty, S.S., Wager, S. Inhibit sense multiple access with polling: A media access control scheme for the mobile environment, and its adaptation to the GSM general packet radio services 78463
Chakraborty, S.S., Wager, S. The inhibit sense multiple access with polling (ISMA/P): a MAC-RLP combined procedure for packet mode data over noninterleaved channel for GSM-GPRS services 109528
Chakraborty, T.J., Agrawal, V.D. Design for high-speed testability of stuck-at faults 93318
Chakraborty, T.K. *see* Chakravarty, B.C. 91752
Chakradhar, S.T., Banerjee, S., Roy, R.K., Pradhan, D.K. Synthesis of initializable asynchronous circuits 61863
Chakradhar, S.T. *see* Balakrishnan, A. 61764
Chakradhar, S.T. *see* Balakrishnan, A. 93323
Chakradhar, S.T. *see* Balakrishnan, A. 93334
Chakradhar, S.T. *see* Banerjee, S. 93328
Chakradhar, S.T. *see* Raghunathan, A. 93326
Chakrapani, J., Skorin-Kapov, J. A constructive method to improve lower bounds for the quadratic assignment problem 92522
Chakravarthi, P.R. *see* Ozturk, A. 78970
Chakravarthy, C.V., Vaman, D.R., Hong, K., Jin, Z. Sub-band encoding of images using 2-D adaptive deltamodulation 66957
Chakravarthy, C.V. *see* Kanghoon Lee 87373
Chakravarthy, R.S. *see* Jackel, J.L. 78891
Chakravarthy, R.S. *see* Smith, D.A. 78885
Chakravarthy, R.S. *see* Smith, D.A. 109652
Chakravarthy, S.K., Nayar, C.V. Quasiperiodic (QP) oscillations in electrical power systems 120950
Chakravarti, A.K., Krishnan, A.S.A. Technology Alert Patent Search System in electronics 92100
Chakravarti, B., Devender EMI hardening of missile ground support systems–a case study 76471
Chakravarti, B. *see* Mondal, P.K. 120326
Chakravarty, B.C., Basu, P.K., Arora, N.K., Chakraborty, T.K. Process development for large-area terrestrial solar cells with-out optical confinement 91752
Chakravarty, B.C. *see* Basu, P.K. 114867
Chakravarty, I. Computers and the elderly 67745
Chakravarty, S. A sampling technique for diagnostic fault simulation 104283
Chakravarty, S. Synthesis of delay fault testability circuits 104443
Chakravarty, S., Yiming Gong, Venkataraman, S. Diagnostic simulation of stuck-at faults in combinational circuits 61822
Chakravarty, S. *see* Thadikaran, P. 93321
Chakravarty, S.K. Automatic voice interactive fault booking system 118291
Chakravorty, S., Allen, C.R.G., Brown, C.S. Temperature measurement of polymer melts during flow 69543
Chakroun, W. *see* Abdel-Rahman, A.A. 89564
Chaku, V., Roy, J.N., Kumar, K., Goyal, R. Effect of dielectric layers on top of silicon surface on responsivity of different photodiodes 106975
Chalabi, Z.S. *see* Zhou, W. 82366
Chalabi, Z.S. *see* Zhou, W. 82482
Chalana, V., Linker, D.T., Haynor, D.R., Yongmin Kim A multiple active contour model for cardiac boundary detection on echocardiographic sequences 80267
Chalasani, S. *see* Liotopoulos, F.K. 117997
Chalasinska-Macukaw, K. *see* Styczynski, K. 77394
Chalasinska-Macukow, K. *see* Ahouzi, E. 98160
Chalasinska-Macukow, K. *see* Kasztelanic, R. 75636
Chalco, P.A. *see* Vanderlee, K.A. 114463
Chaldavi, A., Oraizi, H., Kamarei, M. Time domain analysis of transmission lines 116944
Chalfoun, L., Norga, G., Zhao, S., Kimerling, L.C. In-line materials quality monitor for crystalline silicon solar cell fabrication 112377
Chalidabhongse, J., Kim, S., Kuo, C.-C.J. Fast motion vector estimation for video coding based on multiresolution-spatio-temporal correlations 86514
Chalk, C. *see* Zwolinski, M. 73114
Chalk, S. *see* Cain, N. 74380
Chalker, P.R. *see* Werner, M. 83972
Chalkiadakis, V. *see* Katevenis, M. 98972
Challa, R.N., Shamsunder, S. 3-D spherical localization of multiple non-Gaussian sources using cumulants 117486
Challa, S. *see* Fernando, J.L. 80259
Challapali, K., Nocture, G. Video compression for digital television applications 99744
Challener, W. *see* Babcock, K. 84820
Challener, W.A. Comparison of the magneto-optical figure of merit of NdFeCo and TbFeCo alloys 75233
Challenger, J. *see* Yew-Huey Liu 87425
Challenger, M.P. *see* Robinson, K.E. 96553
Challis, L.J. *see* Moskalenko, E.S. 83931
Challis, L.J. *see* Ouali, F.F. 84297
Challis, L.J. *see* Ouali, F.F. 105253
Challis, R.E., Cocker, R.P., Holmes, A.K. The effects of fillers on wide bandwidth ultrasonic pulse propagation in adhesives 92983
Challis, R.E., Freemantle, R.J., Wilkinson, G.P., White, J.D.H. Compression wave NDE of adhered metal lap joints: uncertainties and echo feature extraction 101623
Challita, A., Bauer, D.P. Solid copper commutation brushes for seawater use 65753
Challoo, R. *see* Gelli, K. 77122
Chalmers, B.J. The Torus generator 91542
Chalmers, B.J., Musaba, I. Performance characteristics of permanent-magnet and reluctance machines to meet EV requirements 91874
Chalmers, B.J., Musaba, L., Gosden, D.F. Variable-frequency synchronous motor drives for electric vehicles 103110
Chalmers, B.J., Wu, W., Spooner, E. An axial-flux permanent-magnet generator for a gearless wind energy system 111871
Chalmers, B.J. *see* Gu, C.L. 102673
Chalmers, I.D. *see* Yaacob, M.M. 112070
Chalmers, I.D. *see* Ziomek, W. 81617
Chalmers, S. *see* Pinsukanjana, P. 82673
Chaloupka, H., Jeck, M., Gurzinski, B., Kolesov, S. Superconducting planar disk resonators and filters with high power handling capability 106731
Chaloupka, H.J. Application of high-temperature superconductivity to antenna arrays with analog signal processing capability 66115
Chaloupka, H.J. *see* Hein, M.A. 62259
Chalupa, J. *see* Burdick, S.V. 89141
Chalupczak, W., Fiorini, C., Charra, F., Nunzi, J.-M., Raimond, P. Efficient all-optical poling of an azo-dye copolymer using a low power laser 65530
Chalvidan, V. *see* Pascal, J.-C. 76273
Chaly, V.P., Demidov, D.M., Karpov, S.Yu., Ter-Martirosyan, A.L., Titov, D.V. Study of mechanisms of optical confinement in semiconductor laser diodes and laser arrays 96241

Cham, T.-J., Cipolla, R. Geometric saliency of curve correspondences and grouping of symmetric contours 67251
Cham, W.K. *see* Liu, J. 67166
Cham Tao Soon The challenge of creating a 'university of industry' 60424
Chamarro, M. *see* Schoisswohl, M. 94440
Chamarro, M.A., Voliotis, V., Grousson, R., Lavallard, P., Gacoin, T., Counio, G., Boilot, J.P., Cases, R. Optical properties of Mn-doped CdS nanocrystals 74229
Chambaret, J.P. *see* Curley, P.F. 107219
Chambaret, J.P. *see* Le Blanc, C. 96229
Chambered, A. *see* Cowache, C. 84815
Chambered, E. *see* Benech, P. 110081
Chamberlain, C.C. *see* Krol, A. 90484
Chamberlain, D.B. *see* Chen, L. 81241
Chamberlain, F.R., Jeffers, F.J., James, R.O. Rotating magnet dispersion tester 119841
Chamberlain, J., Patton, J. Optimizing fiber optic cable availability: Preventive maintenance and emergency restoration guide 99766
Chamberlain, J. *see* Popovici, G. 84090
Chamberlain, J.M. *see* Cole, B.E. 105186
Chamberland, S., Marcotte, O., Sanso, B. On the joint topological, dimensioning and location problem for broadband networks 109265
Chamberlin, J.H., Herman, P.M. How much DSM is really there? A market perspective 70675
Chamberlin, R.P. *see* Richardson, D.J. 68365
Chamberod, E. *see* Ngalamou, L. 106394
Chambers, B. Internal monitoring of the frequency response of a dynamically adaptive radar absorbing material 111425
Chambers, B. *see* Mitchell, R.J. 117058
Chambers, B. *see* Ryan, N.J. 91801
Chambers, B. *see* Stone, D.A. 61609
Chambers, D.M. *see* Jarzembski, M.A. 70473
Chambers, D.M. *see* Rothermal, J. 70472
Chambers, G. *see* Ruiz, C.L. 69643
Chambers, G. *see* Ruiz, C.L. 69644
Chambers, G. *see* Ruiz, C.L. 110490
Chambers, G.C., Cox, D.G. Meeting OEM customer product environmental performance expectations through environmental product design (EPD) roadmaps and specifications 72381
Chambers, G.W. *see* Anderson, A. 119390
Chambers, J.A. *see* Tanrikulu, O. 86161
Chambers, J.A. *see* Wong, H.E. 108299
Chambers, M. *see* Parsi, K. 75263
Chambers, P. Market in waiting [dual mode dual band handset market] 118917
Chambers, R. *see* Maly, K.J. 118346
Chambers, R. *see* Maly, K.J. 118500
Chambers, W.G. *see* Blackburn, S.R. 76800
Chambless, L.E., Zhong, M.M., Arnett, D., Folsom, A.R., Riley, W.A., Heiss, G. Variability in B-mode ultrasound measurements in the atherosclerosis risk in communities (ARIC) study 90468
Chambliss, D. *see* Zangwill, A. *(editor)* 112703
Chambon, J., Chifflet, J., Chotard, L. Methodology and design tool for business networks 87481
Chambon, M., Primot, J., Girard, M. Modulation transfer function assessment for sampled imaging system: application of the generalized line spread function to a standard infrared camera 79555
Chambonnet, D. *see* Delabie, C. 62182
Chambonnet, D. *see* Trotel, A. 64581
Chambouleyron, I. Photovoltaics in the developing world 71191
Chambouleyron, I. *see* Comedi, D. 105119
Chame, A. Integrated processors in internetworking applications 78103
Chame, A. Flexible voice/data platforms for commercial aircrafts 88223
Chamel, M. *see* Michailov, N.I. 75824
Chamg-Hasnain, C.J. *see* Vail, E.C. 68440
Chaminade, G., Rooney, S., Canela, Z. Experiment in the use of CORBA for TMN applications 108982
Chammings, G. *see* Rothan, F. 69311
Chamnongthai, K. *see* Yiengwattananon, T. 86877
Chamonal, J.-P. *see* Davancens, R. 70546
Chamouard, P.-A. *see* Beauvais, P.-Y. 89995
Champac, V.H., Figueras, J. I_{DDQ} testing of single floating gate defects using a two-pattern vector 95126
Champagne, A., Maciejko, R., Makino, T. Enhanced carrier injection efficiency from lateral current injection in multiple-quantum-well DFB lasers 65303
Champagne, A. *see* Adams, D.M. 116528
Champagne, B. *see* Qing-Guang Liu 97637
Champaign, H. *see* Meassick, S. 74017
Champaign, H. *see* Meassick, S. 83730
Champavere, A. *see* Laferriere, J. 119172
Champeaux, C. *see* Garapon, C. 92924
Champenois, G. *see* Berendsen, C.S. 112435
Champetier, C. *see* Frapard, B. 78618
Champier, J. *see* Boudraa, A.-E.-O. 110765
Champion, E., Bertram, H.N. Pulse distortion in MR and GMR playback heads 115721
Champion, E. *see* Davidson, R.J. 115804
Champion, H.G. *see* Bardwell, J.A. 62682
Champion, M. *see* Pekeler, M. 119967
Champion, M.H. *see* Herd, J.S. 97357
Champion, M.S. RF input couplers and windows: performances, limitations, and recent developments 120030
Chamzas, C. *see* Papamarkos, N. 104420
Chan, A., Calish, S., Crane, G., MacGregor, I., Meyer, S., Wong, J., Weinstein, A. The PEP-II Project-Wide Database 89594
Chan, A., Wai, D.L.T., Tan, W., Durai, E. Active Idd consumption test in 4Meg DRAM failure analysis 73366
Chan, A.B.Y., Nguyen, C.T., Ko, P.K., Man Wong, Kumar, A., Sin, J., Wong, S.S. Optimizing polysilicon thin-film transistor performance with chemical-mechanical polishing and hydrogenation 115214
Chan, A.K. *see* Gaofeng Wang 107840
Chan, A.K. *see* Goswami, J.C. 97225
Chan, A.K. *see* Goswami, J.C. 97799
Chan, A.K. *see* Hung-Ju Lee 87900
Chan, A.K. *see* Min Du 76113
Chan, A.K. *see* Wong, R.J. 94640
Chan, A.M.K., Zhizhang Chen Application of the spatial finite-difference and temporal differential (SFDTD) formulation to cylindrical structure problems 107988
Chan, B., Singh, P. BGA sockets–a dendritic solution 114379
Chan, B. *see* Vendik, I. 106733
Chan, B.Y.L. *see* Leong, H.V. 118905
Chan, C., Yeung, F. Electrical failure of multilayer ceramic capacitors subjected to environmental screening testing 83558
Chan, C. *see* Djadi, Y. 93473
Chan, C.-F., Yu, E.W.M. Improving pitch estimation for efficient multiband excitation coding of speech 66568
Chan, C.-F., Yu, E.W.M. Frequency domain postfiltering for multiband excited linear predictive coding of speech 76839
Chan, C.-K., Chen, L.-K. Dynamic range penalty of analog optical feeders for fiber optic microcellular systems in the presence of cochannel interference and multipath fading 99312
Chan, C.-K., Chen, L.-K., Cheung, K.-W. Switching contrast degradation in ultrafast all-optical switching using nonlinear amplifying loop mirrors 99039
Chan, C.C., Jiang, J.Z., Xia, W., Chau, K.T., Zhu, M.L. Optimal-efficiency control for constant-power operation of phase-decoupling permanent-magnet brushless motor drives 71755
Chan, C.C., Wang, H.-Q. New scheme of sliding-mode control for high performance induction motor drives 71801
Chan, C.F. *see* Choy, C.S. 93113
Chan, C.F. *see* Chui, S.P. 98954
Chan, C.H., Chang, L.H., Chen, H.H., Fan, T.C., Hwang, C.S., Guo, D.N., Hsu, J.Y., Lin, F.Y., Lin, T.F., Wang, C., Yeh, S.T., Hwang, G.J., Tseng, P.K. The construction of a 9-pole prototype for SRRC U-10 undulator 100443
Chan, C.H. *see* Johnson, J.T. 65763
Chan, C.L., Attili, J.B., Azzarelli, T., Fries, R.W., Henderson, P., Koligman, M., Clemes, P., Hartless, M. Performance of an adaptive algorithm for suppressing intraframe jitter in a 3-D signal processor 108548
Chan, C.L. *see* Attili, J.B. 108651
Chan, C.W., Teo, H.K., Loy, W.J., Wong, M.C. A low cost frame grabber for the STEBus 99780
Chan, C.W. *see* Tontiwachwuthikul, P. 111781
Chan, D. *see* Xiao-Yu Li 63702
Chan, D.-Y., Yang, J.-F., Chen, S.-Y. Fast implementation of time domain aliasing cancellation 98962
Chan, D.S.H., Phang, J.C.H., Chim, W.K., Liu, Y.Y., Tao, J.M. Design and performance of a new spectroscopic photon emission microscope system for the physical analysis of semiconductor devices 99882
Chan, D.S.H. *see* Chen, T.P. 63695
Chan, D.S.H. *see* Kolachina, S. 94848
Chan, D.S.H. *see* Lau, W.S. 74491
Chan, D.S.H. *see* Leang, S.E. 74730
Chan, D.S.H. *see* Leang, S.E. 95030
Chan, D.S.H. *see* Liu, Y.Y. 72255
Chan, D.S.H. *see* Lou, C.L. 74728
Chan, D.S.H. *see* Lou, C.L. 74731
Chan, D.S.H. *see* Lou, C.L. 115189
Chan, D.S.H. *see* Lou, C.L. 115202
Chan, D.S.H. *see* Quah, L.T.S. 79254
Chan, D.S.H. *see* Tao, J.M. 63734
Chan, D.S.H. *see* Tao, J.M. 103517
Chan, D.S.H. *see* Wittpahl, V. 96043
Chan, E. Reducing jitter in phase-locked loops 78241
Chan, E. *see* Ghajar, R. 101922
Chan, E. *see* Lee, C.S.-V. 117938
Chan, E.K.Y., Arshad, M.F. Research, development and validation of DSP algorithms in medical devices: A case history 101353
Chan, E.Y. *see* Hager, H.E. 99512
Chan, E.Y. *see* Orr, M.D. 85021
Chan, F.H.Y., Lam, F.K., Li, H.F., Liu, J.G. An all adder systolic structure for fast computation of moments 104609
Chan, F.H.Y. *see* Fung, K.S.M. 70111
Chan, F.H.Y. *see* Poon, P.W.F. 90503
Chan, F.T. *see* Chen, K.Y. 104128
Chan, F.T.S. Developing knowledge-based system for calibration scheduling 92175
Chan, H.A. Is the current surface insulation resistance (SIR) methodology appropriate to today's manufacturing technology? 114438
Chan, H.C.B., Leung, V.C.M. Performance analysis of reservation arbitrated (RA) access for statistical multiplexing voice traffic over dual bus metropolitan area networks 78043
Chan, H.C.B., Leung, V.C.M., Donaldson, R.W. Evaluation of traffic capacity for integrated wireless personal communications over metropolitan area networks 88329
Chan, H.L., Mohan, S., Mazumder, P., Haddad, G.I. Compact multiple-valued multiplexers using negative differential resistance devices 98987
Chan, H.L.E., Bhattacharya, M., Mazumder, P. Mask-programmable multiple-valued logic gate using resonant tunnelling diodes 113910
Chan, H.L.W., Zhao, Z., Kwok, K.W., Choy, C.L., Alquie, C., Boue, C., Lewiner, J. Polarization of thick polyvinylidene fluoride/trifluoroethylene copolymer films 115430
Chan, J., Braggins, D. Untiring eyes [machine vision systems] 117842
Chan, J.C.K. *see* Ying-Lun Fok 80273
Chan, J.K. Wrapped up in the net: the Internet comes to Asia 87809
Chan, J.S., Cheung, N.W., Schloss, L., Jones, E., Wong, W.S., Newman, N., Liu, X., Weber, E.R., Gassman, A., Rubin, M.D. Thermal annealing characteristics of Si and Mg-implanted GaN thin films 63238
Chan, J.S. *see* Hughes, M.B. 121086
Chan, K. *see* Tiwari, S. 63821
Chan, K. *see* Tiwari, S. 95086
Chan, K.-M., Yum, T.-S.P. Analysis of adaptive routing schemes in multirate loss networks 98511
Chan, K.C., Schadt, D.G., Liu, H.F. Application of mid span spectral inversion in soliton transmission through a fibre with loss compensated for by lumped amplification 78761
Chan, K.C.C., Lee, V., Leung, H. Tracking high dynamic targets in a stressful environment 111406
Chan, K.C.D., Browman, A., Hutson, R.L., Macek, R.J., Tallerico, P.J., Wilkinson, C.A. Development of a RAMI program for LANSCE upgrade 89690
Chan, K.C.D., Goldstein, J.C., Nguyen, D.C., Takeda, H. A chirped-pulse regenerative-amplifier FEL for the gamma-gamma collider 76065
Chan, K.K., Tremblay, F., Laird, S., Fok, F. Scattering from rotating blades in a cylinder 65821
Chan, K.K., Turner, R.M. Modal design of broadband wide-scan waveguide phased array 66158
Chan, K.L., Martin, G.R. Fractal-based motion estimation for image sequence coding 86553
Chan, K.L. *see* Chan, K.W. 77286
Chan, K.L. *see* Chan, K.W. 86920
Chan, K.L. *see* Chan, K.W. 87061
Chan, K.L. *see* Goyal, R.K. 98143
Chan, K.M. *see* Ping Wang 82304
Chan, K.M. *see* Wang, P. 115272
Chan, K.T. *see* Liu, Z. 65070
Chan, K.W., Chan, K.L. Hierarchical multi-stage classified vector quantization 77286
Chan, K.W., Chan, K.L. Classified residue vector quantization by visual patterns 86920
Chan, K.W., Chan, K.L. Classified differential vector quantization by visual patterns 87061
Chan, K.W. *see* Edwards, A.R. 111479
Chan, K.W. *see* Groom, C.G. 70737
Chan, K.Y. *see* Bateman, A. 73122
Chan, L. *see* Savoie, J.M. 108921
Chan, L.A., Nasrabadi, N.H., Mirelli, V. Wavelet-based learning vector quantization for automatic target recognition 117632
Chan, L.K.M. *see* Ross, P.W. 89378
Chan, L.Y. *see* Tsang, H.K. 69526
Chan, M. *see* Giordano, A. 88378
Chan, M.C., Pacifici, G., Stadler, R. Prototyping network architectures on a supercomputer 108883
Chan, M.C.-C., Chuang, J.C.-I. Multicode high-speed transmission with interference cancellation for wireless personal communications 109510
Chan, O.Y.C., Edwards, M., Brown, B. Calibration and validity of an eccentric photorefractor 69940
Chan, P. *see* Wu, M.K.W. 61611
Chan, P.C.H. *see* Cheung, D.T.Y. 104380
Chan, P.C.H. *see* Zhongli He 98106
Chan, P.K., Schlag, M.D.F., Zien, J.Y. Spectral-based multiway FPGA partitioning 73262
Chan, P.W. *see* Lo, V.C. 105566
Chan, P.W. *see* Ma, C.S. 113413
Chan, P.W.L. *see* Eng, T.T.H. 96063
Chan, R.H., Lin, F.R. Preconditioned conjugate gradient methods for integral equations of the second kind defined on the half-line 92626
Chan, R.P.K., Chartier, P. A composition law for Runge-Kutta methods applied to index-2 differential-algebraic equations 61064
Chan, S. Using machine vision for aspheric optical profiling measurements 77344
Chan, S., Tripp, G.E.W. Distortion reduction in multiple JPEG compressed still images 77071
Chan, S. *see* Ngo, C.W. 87089
Chan, S. *see* Ngo, C.W. 117608
Chan, S.-L. *see* Chow, S. 86703
Chan, S.-S. *see* Singh, S. 86714
Chan, S.P., Choo, F.H., Ping Liu Position and orientation measurement for electronic assembly using computer vision 94040
Chan, S.S. *see* Middleton, E.M. 120908
Chan, S.S.M., Raybould, F., Arthur, G., Goodall, F., Jackman, R.B. Laser projection patterning for the

formation of thin film diamond microstructures 74604
Chan, S.S.M. *see* Baral, B. 105604
Chan, S.S.M. *see* Whitfield, M.D. 89096
Chan, S.W.K., Leung, K.S., Felix Wong, W.S. Object-oriented knowledge-based system for image diagnosis 117837
Chan, S.Y., Yung, E.K.N. TLM diakoptics for coupled-mode analysis of GaAs MESFET distributed amplifier 73116
Chan, S.Y., Yung, E.K.N. Transient analysis of n-tier GaAs MESFET matrix amplifiers by the TLM method 93153
Chan, T., Carpio, R., Van Meurs, R. The use of capillary electrophoresis for the evaluation of post metal etch cleaning processes 63328
Chan, T. *see* Carpio, R. 63471
Chan, T.F. Self-excited induction generators driven by regulated and unregulated turbines 81450
Chan, T.F. *see* Wong, Y.K. 102107
Chan, T.K., Korolkiewicz, E. Design of the microwave transponder for automatic debiting systems 68627
Chan, T.K., Kuga, Y., Ishimaru, A. Angular memory effect of millimeter-wave scattering from two-dimensional conducting random rough surfaces 116897
Chan, T.K. *see* Ishimaru, A. 85838
Chan, T.M. *see* Chan, W.L. 121818
Chan, T.W., Chua, K.M., Lim, K.T. Modeling relay operational characteristics using electromagnetic transients program 81139
Chan, T.W., Chua, K.M., Lim, K.T. Relay models for ElectroMagnetic Transients Program 102260
Chan, T.W. *see* Lee, T.M. 81597
Chan, V.W.S. *see* Barry, R.A. 77948
Chan, V.W.S. *see* Kaminow, I.P. 77942
Chan, W. Letterplace algebra and symmetric functions 103538
Chan, W., Sooriakumar, K., Bartholomew, K., Savage, T.S., Vanhoy, T. An investigation of corner rounding to strengthen silicon micromachined pressure sensor for fusion bonded wafers 64005
Chan, W. *see* Bower, R.W. 63196
Chan, W. *see* Vasseghi, N. 73439
Chan, W. *see* Watt, V.H.C. 63372
Chan, W.-H., Chou, C.-F. A mega-pixel resolution PC digital still camera 99898
Chan, W.-H. *see* Lin, S.-Y. 100131
Chan, W.C., Geraniotis, E. Near-optimal bandwidth allocation for multimedia virtual circuit switched networks 87953
Chan, W.C., Jwo, D.S., Lee, J.J. Bean's model and magnetic flux-drag torques for high-T$_c$ superconductors 64576
Chan, W.C.Y., Tse, C.K. Studies of routes to chaos for current-programmed DC/DC converters 121636
Chan, W.L., Chan, T.M., Pang, S.L., Su, A.T.P. A distributed on-line HV transmission condition monitoring information system 121818
Chan, W.W.T., Sin, K.O., Mok, P.K.T., Wong, S.S. A power IC technology with excellent cross-talk isolation 106225
Chan, Y.-C. *see* Lowery, A.J. 99529
Chan, Y.-J. *see* Gan, T.-H. 62350
Chan, Y.C., Li, G.Y., Mok, T.S., Vardaxoglou, J.C. Analysis of a tunable frequency-selective surface on an in-plane biased ferrite substrate 116842
Chan, Y.C., Xie, D.J., Lai, J.K.L. Experimental studies of pore formation in surface mount solder joints 94052
Chan, Y.C. *see* So, A.C.K. 92322
Chan, Y.C. *see* Xie, D.J. 93987
Chan, Y.C. *see* Xie, D.J. 93988
Chan, Y.D. *see* Brozek, T. 63748
Chan, Y.D. *see* Brozek, T. 95177
Chan, Y.D. *see* Brozek, T. 105960
Chan, Y.D. *see* Brozek, T. 105989
Chan, Y.D. *see* Brozek, T. 115351
Chan, Y.D. *see* Fonash, S.J. 105975
Chan, Y.D. *see* Okandan, M. 94967
Chan, Y.D. *see* Okandan, M. 105988
Chan, Y.D. *see* Prabhakar, V. 74733
Chan, Y.D. *see* Prabhakar, V. 115195
Chan, Y.D. *see* Salah, A. 105987
Chan, Y.J. *see* Ke, L.W. 114262
Chan, Y.T., Ho, K.C. Multiresolution analysis, its link to the discrete parameter wavelet transform, and its initialization 66711
Chan, Y.T. *see* Niu, X.X. 86295
Chan, Y.W. *see* Sluzek, A. 98140
Chan Bang Seung *see* Seung Chan Bang
Chan Chun-Kit *see* Chun-Kit Chan
Chan Chung *see* Chung Chan
Chan Eung Park, Kwae Hi Lee A study on extraction of the frames representing each phoneme in continuous speech 97644
Chan Geun Jang *see* Doohyun Kim 109174
Chan Gyung Park *see* Joon Seop Kwak 94566
Chan Hau Ping *see* Hau Ping Chan
Chan Heang-Ping *see* Heang-Ping Chan
Chan Jung Yoo *see* Yoo Chan Jung
Chan Kap Luk *see* Kap Luk Chan
Chan Khue-Hiang *see* Khue-Hiang Chan
Chan Kim Eng *see* Eng Chan Kim
Chan Kim Hee *see* Hee Chan Kim
Chan Kim Kyung *see* Kyung Chan Kim
Chan Kim Suk *see* Suk Chan Kim
Chan Kuang-Yang *see* Kuang-Yang Chan
Chan Kwang Park *see* Kwang Myoung Rho 95001
Chan Kwok-Sum *see* Kwok-Sum Chan
Chan Kwon Hyuk *see* Hyuk Chan Kwon
Chan Lee Kyu *see* Kyu Chan Lee
Chan Lim *see* Hyuk Chang 112210
Chan Long Shieh *see* Lebby, M. 99511
Chan Long Shieh *see* Lebby, M. 116286
Chan Long Shieh *see* Schwartz, D.B. 96052
Chan Man Yiu *see* Man Yiu Chan
Chan Mansun *see* Mansun Chan
Chan Ning *see* Ning Chan
Chan Ouk Jung *see* Kyeong Koo Chi 74552
Chan Ouk Jung *see* Won Jong Yoo 74562
Chan Park Sung *see* Sung Chan Park
Chan San-Kuen *see* San-Kuen Chan
Chan Seek Yoo, Yo Sub Kim Fault management system capabilities in KMT integrated cellular network management environments 78462
Chan Sei *see* Sei Chan
Chan Shih-Hsiung *see* Shih-Hsiung Chan
Chan Sik Hwang *see* Yung Mok Baek 82832
Chan Syin, Wong Wai Hong The application of multiple JPEG compressions on colour images 86859
Chan Syin *see* Syin Chan
Chan Tsz-King *see* Tsz-King Chan
Chan Vi Cuong *see* Vi Cuong Chan
Chan Wah *see* Wah Chan
Chan Wei-Han *see* Wei-Han Chan
Chan Whang Keum *see* Keum Chan Whang
Chan Yi-Jen *see* Yi-Jen Chan
Chan Yiu-Fai *see* Yiu-Fai Chan
Chan Yong Park *see* Seung Goo Kang 119229
Chan Young Lee *see* Choong Sub Lee 75149
Chan Yuk-Lun *see* Yuk-Lun Chan
Chan-Hak Choi *see* Young-Cheol Lim 102686
Chan-Ho Kim *see* Min-Gu Kang 94815
Chan-Ho Lim *see* Heung-Jae Lee 102102
Chan-Hyun Youn, Youngjin Sim, Fujii, A., Nemoto, Y. The schedulability test of adaptive estimator for intermedia synchronization in ATM adaptation layer 78188
Chan-Il Song *see* Hyung-Gon Kim 95998
Chan-Ki Kim *see* Byung-Do Yoon 81413
Chan-Ki Kim *see* Byung-Do Yoon 112456
Chan-Kwang Park *see* Jung-Won Suh 73385
Chan-Nan Lu *see* Hou-Sheng Huang 80965
Chan-Nan Lu *see* Jeng-Jye Sheen 88070
Chan-Shin Chou, Yuan-Jui Chia Piezoelectric sensor for beam vibration control 99944
Chan-Sik Kim, Sang-Yeon Kim, Jong-Bae Lee, Seong-Dae Kim Moving target extraction algorithm for selective coding 86528
Chan-Soo Kim, Han-Ill Yoo A new candidate for the solid oxide fuel cell cathode, Y$_{0.9}$Ca$_{0.1}$FeO$_3$–electrical transport properties and defect structure 121876
Chan-Soo Kim, Ilan-Ill Yoo A new candidate for the SOFC cathode, Y$_{0.9}$Ca$_{0.1}$FeO$_3$: electrical transport properties and defect structure 81792
Chan-Yong Park, Kyung-Sook Hyun, Seung-Goo Kang, Eun-Soo Nam, Hong-Man Kim Design and analysis of an InP/InGaAs separated absorption, grading, charge, and multiplication avalanche photodiode 85276
Chan-Yong Park *see* Kyung Sook Hyun 64930
Chan-Yong Park *see* Kyung-Sook Hyun 64934
Chanana, R.K., Upadhyay, H.N., Dwivedi, R., Srivastava, S.K. Effect of low and high temperature annealing on the electrical properties of pure N$_2$O/SiH$_4$ PECVD SiO$_2$ deposited at a high rate 63226
Chanana, R.K., Upadhyay, H.N., Dwivedi, R., Srivastava, S.K. Interface degradation in pure N$_2$O-SiH$_4$ PECVD oxide due to 800°C post-deposition Ar anneal 105543
Chanana, R.K. *see* Upadhyay, H.N. 106150
Chanas, S., Kobylanski, P. A new heuristic algorithm solving the linear ordering problem 82510
Chanbum Park, Jae Hong Lee Dual FH/MFSK system over a Rayleigh fading channel 118023
Chanbum Park *see* Dong Heon Shin 119147
Chance, B. *see* Li, X.D. 100153
Chance, B.L., Wells, M.T. Characterizing hierarchical model behaviour 103604
Chance, L. *see* Yang Tao 82320
Chanchani, R., Treece, K., Dressendorfer, P. A new mini Ball Grid Array (mBGA) multichip module technology 94132
Chand, A., Singh, J., Chandra, S., Rustagi, S.C. Electrochemical etch-stop technique using diffused p-n junction for silicon micromechanical structures 106292
Chand, A. *see* Rustagi, S.C. 74499
Chand, J. *see* Atmuri, S.R. 80925
Chand, N., Hobson, W.S., de Jong, J.F., Parayanthal, P., Chakrabarti, U.K. ZnSe for mirror passivation of high power GaAs based lasers 96407
Chand, N., Osenbach, J.W., Evanosky, T.L., Comizzoli, R.B., Tsang, W.T. High reliability non-hermetic 13 μm InP-based uncooled lasers 75990
Chand, N., Osenbach, J.W., Evanosky, T.L., Comizzoli, R.B., Tsang, W.T. High-reliability 1.3-μm InP-based uncooled lasers in nonhermetic packages 107269
Chand, N. *see* Morton, P.A. 65369
Chand, N. *see* Osenbach, J.W. 65267
Chand, N. *see* Osenbach, J.W. 75728
Chand, S., Kumar, J. On the existence of a distribution of barrier heights in Pd$_2$Si/Si Schottky diodes 83977
Chand, S., Kumar, J. Evidence for the double distribution of barrier heights in Pd$_2$Si/n-Si Schottky diodes from I-V-T measurements 105444
Chand, S., Kumar, J. On the barrier heights distribution in Pd$_2$Si-Si Schottky diodes 105871
Chand, S., Kumar, J. Current transport in Pd$_2$Si/n-Si(100) Schottky barrier diodes at low temperatures 105876
Chand, S. *see* Pradeep, Y.R. 82157
Chand, S. *see* Sathyanarayanan, A. 80244
Chanda, B., Majunder, D.D. Detection of faults in printed circuit board 92164
Chandarlapaty, S. *see* DeFotis, G.C. 64242
Chande, J.V. *see* Ray, K.P. 97380
Chander, J. *see* Narula, R.C. 103828
Chandezon, J. *see* Dusseaux, R. 65769
Chandhary, A.K.S. *see* Iravani, M.R. 91033
Chandhok, M., Hanish, P.D., Grizzle, J.W. Phenomenological modeling for real-time feedback control of RIE 63387
Chandhry, G.M. *see* Akram, A.G. 87862
Chandhuri, P.P. *see* Nandi, S. 93320
Chandler, G.A. *see* Derzon, M.S. 69645
Chandler, G.A. *see* Moats, A.R. 69642
Chandler, H.A., Feuillade, C., Smith, G.B. Matched field parameter subspace methods for selective high resolution estimation with reduced sensitivity to mismatch [sonar] 68722
Chandler, P.J. *see* Huang, X. 95712
Chandler, P.J. *see* Robertson, E.E. 64781
Chandler, S.A.G. Allpass filter using reflection coefficient of lossless networks 62006
Chandler, S.A.G. *see* Ali, F.H. 98409
Chandonnet, P.J. *see* Strasser, T.A. 88633
Chandorkar, A. *see* Shanware, A. 106214
Chandorkar, A.N. *see* Ranade, R. 93652
Chandorkar, M.C., Divan, D.M. Decentralized operation of distributed UPS systems 112121
Chandra, A. Comparative study of 900 MHz and 450 MHz radio signals propagation in an indoor environment 97128
Chandra, A. *see* Agrawal, R.C. 71638
Chandra, A. *see* Anderson, H. 83653
Chandra, A. *see* Min, P.S. 77687
Chandra, A. *see* Sharma, V.K. 112451
Chandra, A. *see* Singh, B.N. 112645
Chandra, D.C., Bernays, D.J., Bussolari, S.R. Field evaluation of data link services for general aviation 70372
Chandra, D.C. *see* Lind, A.T. 70373
Chandra, I., Gulati, R., Chaturvedi, G.J., Sehgal, B.K., Sharma, H.S., Mohan, S., Vinayak, S., Naik, A.A. GaAs beam lead Schottky barrier diodes for millimeter waves 104843
Chandra, I., Gulati, R., Mohan, S., Sharma, H.S., Naik, A.A., Saravanan, G.S., Rawal, D.S. Fabrication of launcher Gunn diodes with IHS-IBR 104845
Chandra, I. *see* Mishra, M. 109308
Chandra, I. *see* Sehgal, B.K. 104844
Chandra, K., Reibman, A.R. Modeling traffic and statistical gains for multimedia applications 118617
Chandra, P.R., Walker, E.L. Internetworking using interframe source correlation 87698
Chandra, R. *see* Navathe, C.P. 85558
Chandra, S. *see* Allik, T.H. 96125
Chandra, S. *see* Bindal, V.N. 101617
Chandra, S. *see* Chand, A. 106292
Chandra, S. *see* Gupta, R. 80660
Chandra, S. *see* Katz, R.A. 69928
Chandra, S. *see* Misra, S.C.K. 105220
Chandra, S. *see* Misra, S.C.K. 110268
Chandra, S. *see* Rustagi, S.C. 74499
Chandra, S. *see* Singh, S. 106837
Chandra, S. *see* Srivastava, P.C. 105682
Chandrakasan, A., Yang, I., Vieri, C., Antoniadis, D. Design considerations and tools for low-voltage digital system design 82842
Chandrakasan, A. *see* Barber, T., Jr. 98649
Chandrakasan, A.P. Ultra low power digital signal processing 93501
Chandrakasan, A.P. *see* Ludwig, J.T. 62035
Chandrakumar, V. *see* Favre, F. 64839
Chandramouli, V., Sakallah, K.A. Modeling the effects of temporal proximity of input transitions on gate propagation delay and transition time 82872
Chandran, B., Schmidt, W.F., Gordon, M.H. Effect of die/substrate thickness, substrate material and cooling mechanism on the mechanical performance of packages 112892
Chandran, G., Jaffe, J.S. Signal set design with constrained amplitude spectrum and specified time-bandwidth product 76933
Chandran, K.B., Vonesh, M.J., Roy, A., Greenfield, S., Kane, B., Greene, R., McPherson, D.D. Computation of vascular flow dynamics from intravascular ultrasound images 80202
Chandran, S., Potty, A.K. Energy minimization of contours using boundary conditions 87002
Chandran, S., Vardaxoglou, J.C. Experimental results on the focusing properties of tapered frequency-selective surfaces 66155
Chandran, S. *see* Kugel, V.D. 106399
Chandran, S.K., Prabhu, K.M.M. Computation of DWT via FHT-based implementation 97673

Chandran, V. *see* Boashash, B. 60448
Chandrasekar, B.S., Radha, T.S., Ramprasad, B.S. A simple fiber optic vibration sensor 79464
Chandrasekar, V. *see* Bringi, V.N. 90775
Chandrasekar, V. *see* Mudukutore, A. 120754
Chandrasekar, V. *see* Rongrui Xiao 120753
Chandrasekaran, A., Sundaram, A. Unified software approach to power quality assessment and evaluation 70820
Chandrasekhar, B.K., Sampathkumar, N. Refiring of cristobalite porcelain 72956
Chandrasekhar, D. *see* Atzmon, Z. 113347
Chandrasekhar, H.R. *see* Wheeler, E.D. 84095
Chandrasekhar, N., Valls, O.T., Goldman, A.M. Comment on "Temporal response of a high-T_c superconducting field-effect transistor" [Appl. Phys. Lett. 67, 2076 (1995)] 64532
Chandrasekhar, N.S. *see* Rao, P.N.A.P. 76470
Chandrasekhar, R., Mapps, D.J. The effects of samarium addition on CoCrTa-based thin films for magnetic recording 106519
Chandrasekhar, R., Mapps, D.J. Properties of CoCrTa perpendicular films prepared by sputtering on platinum underlayer with different bias conditions 106520
Chandrasekhar, R. *see* Bezdek, J.C. 108558
Chandrasekhar, S. Monolithic OEIC photoreceivers for a broad spectrum of applications 78676
Chandrasekhar, S., Lunardi, L.M. High-performance p-i-n/HBT monolithic photoreceivers for lightwave communications 88487
Chandrasekhar, S. *see* Hamm, R.A. 103942
Chandrasekhar, S. *see* Kirtania, A.K. 63584
Chandrasekhar, S. *see* Tanbun-Ek, T. 119235
Chandrasekharaiah, H.S. *see* Nagabhushana, T.N. 81177
Chandrasekharaiah, H.S. *see* Shyam, V. 111569
Chandrasekharalah, H.S. *see* Swarup, K.S. 111578
Chandrashekhar *see* Gurunarayanan, S. 106212
Chandrashekhara, K. *see* Chukwujekwu Okafor, A. 82780
Chandrashekhara, K. *see* Donthireddy, P. 106388
Chandraskhar, S. *see* Finzi, D. 65177
Chandross, E.A. *see* Wallow, T.I. 105788
Chandy, J.A., Banerjee, P. Parallel simulated annealing strategies for VLSI cell placement 95151
Chandy, K.M. The scientist's infosphere 78062
Chanel, M. *see* Bosser, J. 89844
Chanerley, A. *see* Hosny, W. 102857
Chaney, R.C. *see* Gemmill, P.E. 80257
Chaney, R.D., Novak, L.M., Dudgeon, D.E. Communication and sensor capability tradeoffs for wide-area surveillance systems 109755
Chaney, R.D., Van Allen, E.J., Dudgeon, D.E. Reduction of communication requirements for wide-area surveillance systems: multiscale clipping service 117636
Chaney, R.D. *see* Fosgate, C.H. 119289
Chanfeng Zhao *see* He, G.S. 65057
Chang, A. *see* Fawcett, B. 113856
Chang, A.C., Hill, W.D. An area radiation monitoring system for nuclear plants using PIN photodiodes 102379
Chang, A.M., Pfeiffer, L.N., West, K.W. Observation of chiral Luttinger behavior in electron tunneling into fractional quantum Hall edges 105277
Chang, A.Q. *see* Burdi, M.K. 71004
Chang, B.J. *see* Yang, S.H. 105643
Chang, B.S. *see* Leou, R.C. 102080
Chang, B.Y. *see* Wang, C.H. 106348
Chang, C.-C., Hwang, M.-S. Parallel computation of the generating keys for RSA cryptosystems 97436
Chang, C.-C., Weiner, A.M., Vengsarkar, A.M., Peckham, D.W. Broadband fiber dispersion compensation for sub-100-fs pulses with a compression ratio of 300 99491
Chang, C.-C. *see* Liu, S.-I. 62072
Chang, C.-C. *see* Liu, S.-I. 73581
Chang, C.-C. *see* Lou, D.-C. 66549
Chang, C.-H. *see* Hwang, J.-K. 93478
Chang, C.-J. *see* Cheng, R.-G. 98360
Chang, C.-J. *see* Yang, Y.-S. 98793
Chang, C.-K., Rom, D.M. On the analysis of multiple correlated binary endpoints in medical studies 103548
Chang, C.-S. *see* Gong-Ru Lin 94339
Chang, C.-S. *see* Wen-Chung Chen 94343
Chang, C.-Y. *see* Chiou, H.-K. 93195
Chang, C.C., Kai-Tai Song Ultrasonic sensor data integration and its application to environment perception 108674
Chang, C.C., Sirkis, J.S. Differential-cross-multiplier demodulation of interferometric optical fiber sensors 89118
Chang, C.C. *see* Schubert, R. 68002
Chang, C.E. *see* De La Houssaye, P.R. 62281
Chang, C.E. *see* Hanington, G. 94917
Chang, C.E. *see* Ho, M.C. 62271
Chang, C.E. *see* Johnson, R.A. 93931
Chang, C.H. *see* Chang, L.H. 100457
Chang, C.H. *see* Han Zhou 77612
Chang, C.H. *see* Hwang, C.S. 96996
Chang, C.J. *see* Liao, C.L. 76223
Chang, C.K., Chiao-Chuan Shih, Nguyen, T.T., Mongkolwat, P. A popularity-based data allocation scheme for a VOD server 109948
Chang, C.L. *see* Borisov, N. 97134
Chang, C.L. *see* Lu, C.R. 62705
Chang, C.M. *see* Chen, C.H. 110791
Chang, C.M. *see* Sung, P.-A. 99109
Chang, C.P. *see* Liou, Y. 75200
Chang, C.P. *see* Yao, Y.D. 113378
Chang, C.R., Yang, J.S. Influence of packing factor on coercivity of particle arrays 106490
Chang, C.R. *see* Klik, I. 64225
Chang, C.R. *see* Klik, I. 106485
Chang, C.R. *see* Klik, I. 115782
Chang, C.S., Liew, A.C., Xu, J.X., Wang, X.W., Fan, B. Dynamic-security-constrained multiobjective generation dispatch of longitudinally interconnected power systems using bicriterion global optimization 70735
Chang, C.S., Lock, K.S., Fan Wang, Liew, A.C. Harmonic level control schemes and evaluation methods in power system 70766
Chang, C.S. *see* Dipti Srinivasan 101762
Chang, C.S. *see* Dubey, G.K. 112098
Chang, C.S. *see* Mendiola, M.C. 70901
Chang, C.S. *see* Minch, J. 116531
Chang, C.S. *see* Xu, J.X. 121035
Chang, C.T., Sun, C.K., Albares, D.J., Jacobs, E.W. High-energy (59 pJ) and low-jitter (250 fs) picosecond pulses from gain-switching of a tapered-stripe laser diode via resonant driving 96387
Chang, C.T. *see* Sun, C.K. 116235
Chang, C.T.M. *see* Van Andrews, G. 93165
Chang, C.Y. Factors contributing to the rapid growth of microelectronics in Asia 84526
Chang, C.Y., Jin, M.Y., Yun-Ling Lou, Holt, B. First SIR-C ScanSAR results 111171
Chang, C.Y. *see* Chang, T.C. 61190
Chang, C.Y. *see* Chao, T.S. 106028
Chang, C.Y. *see* Guo, J.D. 94594
Chang, C.Y. *see* Lin, H.C. 105663
Chang, C.Y. *see* Tseng, H.-C. 113446
Chang, D. *see* Chih-Chang Lin 104524
Chang, D. *see* De Flaviis, F. 84688
Chang, D. *see* Le, D.B. 81684
Chang, D.-Y. *see* Choi, H.-C. 117666
Chang, D.I., Guy, M.J., Chernikov, S.V., Taylor, J.R., Kong, H.J. Single-frequency erbium fibre laser using the twisted-mode technique 107149
Chang, D.T. *see* Ho, J.G. 100005
Chang, E., Zakhor, A. Cost analyses for VBR video servers 87922
Chang, E.K., Li, H., Adams, S.M. Reflow atmosphere effects on an organic solderability preservation (OSP) coating 94083
Chang, E.Y. *see* Feng, M.S. 94764
Chang, E.Y. *see* Yeong-Lin Lai 62237
Chang, F.I., Yeh, R., Lin, G., Chu, P.B., Hoffman, E., Kruglick, E.J.J., Fister, K.S.J., Hecht, M.H. Gas-phase silicon micromachining with xenon difluoride 74976
Chang, G. *see* Rofougaran, A. 118768
Chang, G.-K. *see* Gamelin, J. 88652
Chang, G.-K. *see* Jackel, J.L. 78891
Chang, G.-K. *see* Vodhanel, R.S. 88651
Chang, G.C., Livack, G.S., McDaniel, J.I. Emerging cockpit technologies for free flight: situational awareness for safety, automatic dependent surveillance-broadcast, air-to-air data link, and weatherlink 120608
Chang, G.J., Kuo, D. The L(2,1)-labeling problem on graphs 92491
Chang, G.K., Schaffner, J.H., Iqbal, M.Z., Ellinas, G., Tangonan, G.L., Gamelin, J.K., Pikulski, J.L. Clear channel transmission of ATM/SONET and subcarrier multiplexed signals in a reconfigurable multiwavelength all-optical network testbed 109662
Chang, H. *see* Huang, J.T. 74111
Chang, H. *see* Sun, T.P. 115245
Chang, H.-C. *see* Ram, R.J. 97369
Chang, H.-C. *see* Wu, T.-L. 95704
Chang, H.-T. *see* Bu, L. 97634
Chang, H.-Y. *see* Kim, J.-H. 63465
Chang, H.-Y. *see* Lee, P.-W. 63398
Chang, H.-Y. *see* Seo, S.-H. 63393
Chang, H.C. *see* Haetty, J. 103915
Chang, H.K.-C. *see* Shyong Jian Shyu 117569
Chang, H.L. *see* Wang, M.C. 65197
Chang, H.M., Sunwoo, M.H., Tai-Hoon Cho Implementation of a SliM array processor 73420
Chang, H.P. *see* Kuo, C.C. 79975
Chang, H.P. *see* Wang, M.H. 89848
Chang, H.P. *see* Weng, W.T. 79872
Chang, H.S., Lee, T.D., Park, J.K., Shin, K.H., Park, K. Magnetic and microstructural properties of CoCrTa/Cr/Al thin films 64296
Chang, H.S. *see* Anirudhan, P.N. 87879
Chang, I.C. *see* Zhang Lu 75327
Chang, I.M., Fan, J.C., Chen, Y.F. Study of the photoluminescence instability of porous silicon under light illumination 106947
Chang, J., Graber, H.L., Barbour, R.L. Dependence of optical diffusion tomography image quality on image operator and noise 101250
Chang, J. *see* Hu, R.L.-R. 119081
Chang, J.-F. *see* Chin, L.-P. 68150
Chang, J.-S. Electromagnetic emissions from atmospheric pressure gas discharges 70538
Chang, J.-S. *see* Jayaram, S. 96962
Chang, J.-S. *see* Motoyama, H. 85789
Chang, J.-S. *see* Ohkubo, T. 107810
Chang, J.-S. *see* Uchimura, K. 62553
Chang, J.-W., Cheng, S., Ju, K., Kao, S., Wang, P.-W. Topography effects on metal etching process by using ion beam [magnetic heads] 64440
Chang, J.C.H. *see* Neudeck, G.W. 92683
Chang, J.C.P., Chin, T.P., Woodall, J.M. Incoherent interface of InAs grown directly on GaP(001) 92735
Chang, J.C.P. *see* Chin, T.P. 84346
Chang, J.C.P. *see* Hao, P.H. 105445
Chang, J.C.P. *see* Lochtefeld, A.J. 105152
Chang, J.C.P. *see* McInturff, D.T. 104009
Chang, J.C.P. *see* Melloch, M.R. 95995
Chang, J.H. *see* Im, D.H. 102707
Chang, J.J., Warner, B.E., Boley, C.D., Dragon, E.P. High-power copper vapour lasers and applications 116374
Chang, J.J. *see* Warner, B.E. 60586
Chang, J.J.K. *see* Chen, Q. 115602
Chang, J.M. *see* Lee, T.S. 61144
Chang, J.S. *see* Harvel, G.D. 69565
Chang, J.T.-Y., McCluskey, E.J. Quantitative analysis of very-low-voltage testing 106203
Chang, J.Y., Huang, C.Y., Tsou, R.H., Chang, M.W., Sun, C.C. Temperature dependence of two-beam coupling and dark decay in photorefractive $BaTiO_3$ 116699
Chang, J.Y.-C. *see* Rofougaran, A. 78372
Chang, K. *see* Ashour, T. 83305
Chang, K. *see* Fan, L. 117043
Chang, K. *see* Montiel, C.M. 85982
Chang, K.-C., Liu, J., Zhou, J. Bayesian probabilistic inference for target recognition 117347
Chang, K.-C. *see* Liu, J. 67383
Chang, K.-C. *see* Yang, S. 119290
Chang, K.-W. *see* Baney, D.M. 107162
Chang, K.C. *see* Hauter, A. 88671
Chang, K.H. *see* Biefeld, R.M. 82650
Chang, K.H. *see* Do, J.Y. 110399
Chang, K.H. *see* Nam, H.G. 118929
Chang, K.M., Yeh, T.H., Wang, S.W., Li, C.H., Yang, J.Y. Dry etching of polysilicon with high selectivity using a chlorine-based plasma in an ECR reactor 94763
Chang, K.W. *see* Yang, L. 95697
Chang, L., Chen, C.J., Chen, F.R., Hu, S.F., Lin, T.S. The effect of substrate position on the orientation and interfacial reaction of epitaxial diamond on silicon 72829
Chang, L. *see* Chen, C.J. 74328
Chang, L.-C. *see* Chang, Y.-H. 97801
Chang, L.-H. Metal failure mechanisms for a high voltage integrated circuit in a plastic package 82328
Chang, L.-W. *see* Lee, B.-Y. 87156
Chang, L.F., Ziegler, R.A., Malkemes, R.C., Noerpel, A.R. PACS for in-building wireless telephony and data 119082
Chang, L.F. *see* Noerpel, A.R. 109460
Chang, L.F. *see* Noerpel, A.R. 109492
Chang, L.H., Anderson, W.A. Stability of $BaTiO_3$ thin films on Si 64075
Chang, L.H., Wang, Ch., Chang, C.H., Fan, T.C. Passive end pole compensation scheme for a 1.8 Tesla wiggler 100457
Chang, L.H. *see* Chan, C.H. 100443
Chang, L.H. *see* Gwo-Huei Luo 79869
Chang, L.H. *see* Jia, Q.X. 75058
Chang, L.H. *see* Kuo, C.C. 79975
Chang, L.H. *see* Lau, W.K. 89846
Chang, M., Shuih-Jong Yih, Wu-Shiung Feng Algorithm based on modified threaded binary tree for estimating delay affected by internal charges in CMOS gates 113837
Chang, M. *see* Fang, S. 84140
Chang, M. *see* Koh, W. 82222
Chang, M. *see* Williams, R.K. 105991
Chang, M.C.S. *see* Chen, C.Y.R. 68914
Chang, M.F. A manufacturable GaAs BiFET technology for high speed signal processing 83254
Chang, M.F. *see* Ho, M.C. 62271
Chang, M.F. *see* McDermott, B.T. 63615
Chang, M.F. *see* Pehlke, D.R. 93793
Chang, M.F. *see* Pin-Fan Chen 114260
Chang, M.F. *see* Wang, K.C. 61970
Chang, M.M.Y. *see* Liu, J. 67166
Chang, M.S. *see* Chen, D.J. 87747
Chang, M.W. *see* Chang, J.Y. 116699
Chang, O. *see* Marcano, D. 97389
Chang, P. *see* Gaiser, P.W. 120790
Chang, P.-C., Shyur, J.-C., Tsay, Y.-J., Shyu, K.-H., Cheng, N.-J. Chinese official form processing system 98348
Chang, P.C. *see* Kuo, J.M. 85101
Chang, P.C. *see* Malin, J.I. 65334
Chang, P.C. *see* Malin, J.I. 96263
Chang, P.C. *see* Malin, J.I. 96405
Chang, P.H. *see* Wang, S.H. 80206
Chang, R. COHPAC compacts emission equipment into smaller, denser unit 102446
Chang, R. *see* Vasseghi, N. 73439
Chang, R.C., Sheu, B.J., Choi, J., Cheng-Hsiung Chen, D. Programmable-weight building blocks for analog VLSI neural network processors 62103
Chang, R.E. *see* Wright, P.V. 106408
Chang, R.J. *see* Jehn-Yih Chen 91155
Chang, R.P.H. *see* Busta, H.H. 83755
Chang, R.P.H. *see* Zhou, H. 116673
Chang, R.S. *see* Lin, C.S. 85737
Chang, S. *see* Boothroyd, S.A. 87244
Chang, S. *see* Cote, D. 106195

Chang, S. *see* Han, B.M. 61347
Chang, S. *see* Marrian, C.R.K. 115108
Chang, S.-C. *see* Shi, Q. 74913
Chang, S.-F. *see* Paek, S. 119420
Chang, S.-F. *see* Smith, J.R. 67014
Chang, S.-F. *see* Wang, H. 87153
Chang, S.-H. *see* Yi Chu 97865
Chang, S.-Y. *see* Wu, R.T. 70534
Chang, S.C., Yacamini, R. Experimental study of the vibrational behaviour of machine stators 71324
Chang, S.C. *see* Chen, S.H. 115596
Chang, S.C. *see* Kim, Y.J. 87294
Chang, S.J. *see* Lin, C.T. 61329
Chang, S.K., Lee, C.D., Min, S.I., Sim, E.D., Joh, Y.S. Influence of lattice relaxation on the properties of ZnSe/ZnS single quantum wells by MOVPE 74173
Chang, S.K. *see* Lee, C.D. 74172
Chang, S.P., Lee, Y.P., Huang, D.R. A study on the Kerr angle enhancement by the magnetic image effect 75235
Chang, S.S., Pankove, J., Leksono, M., van Zeghbroeck, B. 500°C operation of a GaN/SiC heterojunction bipolar transistor 63616
Chang, S.Y.-S. *see* Liu, A.K. 111255
Chang, S.Y.-S. *see* Peng, C.Y. 111242
Chang, T., Salo, M., Fang, H., Madison, M., Jian-Gang Zhu, Arnoldussen, T. Affects of skew angle on the written-in base line shift (BLS) signal at high track densities 115710
Chang, T. *see* Bae, J. 97852
Chang, T. *see* Cheng, Y.-C. 97484
Chang, T. *see* Lu, E.-H. 76773
Chang, T. *see* Lu, E.-H. 97482
Chang, T. *see* Ryu, Y. 99125
Chang, T.-Y. *see* Yu, Y.-C. 113908
Chang, T.C., Yeh, W.K., Chang, C.Y., Jung, T.G., Tsai, W.C., Huan, G.W., Mei, Y.J. Uniformity of epilayer grown by ultrahigh-vacuum chemical vapor deposition 61190
Chang, T.C. *see* Huang, J.C.A. 75198
Chang, T.E. *see* Tahui Wang 94969
Chang, T.F. *see* Lin, H.C. 105663
Chang, T.H.P., Thomson, M.G.R., Yu, M.L., Kratschmer, E., Kim, H.S., Lee, K.Y., Rishton, S.A., Zolgharnain, S. Electron beam technology–SEM to microcolumn 114548
Chang, T.H.P. *see* Jackson, K.H. 76357
Chang, T.H.P. *see* Kratschmer, E. 76349
Chang, T.Y. *see* Hou, H.Q. 114746
Chang, T.Y. *see* McMichael, I. 64627
Chang, T.Y. *see* Madison, M.R. 115788
Chang, W. Signalling system provides speed, noise immunity 87563
Chang, W., Liu, J., Yu, D., Loncaric, S. A cylindrical geometry for cardiac SPECT imaging 101280
Chang, W., Soliman, H.S. A neural synaptic compression codec for efficient image transmission 117651
Chang, W., Soliman, H.S., Sung, A.H. Fingerprint image compression by a clustering learning network 67393
Chang, W. *see* Georges, J.B. 78946
Chang, W. *see* Georges, J.B. 99582
Chang, W. *see* Ordonez, C.E. 101254
Chang, W. *see* Parulski, K. 89149
Chang, W.-H. *see* Thomas, S. 94942
Chang, W.-W. *see* Tan, T.-H. 86023
Chang, W.-W. *see* Tan, T.-H. 97630
Chang, W.C., Hsing, D.M. Magnetic properties and transmission electron microscopy microstructures of exchange coupled $Nd_{12-x}Fe_{82+x}B_6$ melt spun ribbons 64255
Chang, W.C., Hsing, D.M., Ma, B.M., Bounds, C.O. The effects of boron content on the microstructure and exchange coupling effect of $Nd_{9.5}Fe_{85.5-x}B_{5+x}$ melt spun ribbons 115545
Chang, W.C., Kuo, J.D., Huang, Y.M., Huang, C.L., Wu, L.C., Wang, J.K., Liu, R.S. Lossless image compression methods for PET imaging 110793
Chang, W.C., Lu, S.L., Chen, S.K., Yao, Y.D. Structural and magnetic studies of $Er_2Fe_{17-x}M_xC_y$ (M=Ga and Al) compounds 64322
Chang, W.C. *see* Yelon, W.B. 115543
Chang, W.D., Chin, T.S. Undoped maghemite thin films with coercivity up to 2100 Oe for magnetic recording 115468
Chang, W.H. *see* Lee, M.Y. 70184
Chang, W.H. *see* Tzeng, Y.M. 112630
Chang, W.S. *see* Tai, Y.H. 74286
Chang, W.Z., Uschmann, I., Forster, E., Rothuizen, H. Application of an InSb flat crystal with elliptically shaped modulated structures to X-ray point focusing 95632
Chang, Y. Parallel decoding of turbo codes 76779
Chang, Y., Golmie, N., Su, D. Interoperability between EFCI and ER switch mechanisms for ABR traffic in an ATM network 109292
Chang, Y., Nakamura, T., Yokokawa, S. A two-way power divider using stubs and capacitances 62207
Chang, Y., Scott, D.C., Fetterman, H.R. Microwave phase conjugation using arrays of nonlinear optically pumped devices 97381
Chang, Y., Sekine, T., Nakamura, T., Yokokawa, S. A two-way power divider using coupled lines and capacitances 114228
Chang, Y. *see* Guo, S.P. 63218
Chang, Y. *see* Peng, N.C. 94606
Chang, Y. *see* Shen, W.Z. 74451
Chang, Y. *see* Shen, W.Z. 94519
Chang, Y. *see* Shen, W.Z. 114736
Chang, Y.-C. *see* Wu, C.-H. 98563
Chang, Y.-H. Statistical sharing and traffic shaping: any contradiction? 118058
Chang, Y.-H., Chang, L.-C. Sinusoidal detection in first-order adaptive IIR filter 97801
Chang, Y.A. *see* Ingerly, D.B. 83992
Chang, Y.C. *see* Ikai Lo 105354
Chang, Y.G. *see* Chen, J.X. 103956
Chang, Y.H., Chen, A.E., Hou, S.R., Lin, W.T., Anticic, T., Chien, C.Y., Fisher, P.H. A study of spatial resolution for a preshower detector with aluminum absorber and silicon strip sampler 90144
Chang, Y.H., Chun, J.S., Oh, J.E., Won, S.J., Paek, S.H., Lee, H.D., Lee, S.I., Choi, J.S., Lee, J.G. Enhancement of titanium nitride barrier metal properties by nitrogen radical assisted metalorganic chemical vapor deposition 61320
Chang, Y.H. *see* Anticic, T. 90166
Chang, Y.H. *see* Seo, B.S. 68864
Chang, Y.L. *see* Su, J.L. 120485
Chang, Y.M. *see* Ueng, T.S. 100559
Chang, Y.W., Kuo, J.B. SiC vs. Si: two-dimensional analysis of quasi-saturation behavior of DMOS devices operating at elevated temperatures 84429
Chang, Y.W. *see* Kuo, J.B. 84369
Chang, Z., Rundquist, A., Zhou, J., Murnane, M.M., Kapteyn, H.C., Liu, X., Shan, B., Liu, J., Niu, L., Gong, M., Zhang, X. Demonstration of a subpicosecond X-ray streak camera 90243
Chang, Z.-Y. *see* Macq, D. 67968
Chang, Z.Y., Haspeslagh, D., Boxho, J., Macq, D. A highly linear CMOS Gm-C bandpass filter for video applications 104684
Chang Al *see* Al Chang
Chang Biao-Sheng *see* Biao-Sheng Chang
Chang Bum Lee, Joon Seek Kim, Rae-Hong Park Motion detection and compensation in object-oriented coding based on combined mapping parameter estimation using hierarchical structure 87196
Chang Bum Lee, Kyeong Bong Ha, Rae-Hong Park Connection admission control for video traffic using modified equivalent capacity 77635
Chang Byoung-Soo *see* Byoung-Soo Chang
Chang Byungsoo *see* Byungsoo Chang
Chang Chao-Ren *see* Chao-Ren Chang
Chang Cheng-Chieh *see* Cheng-Chieh Chang
Chang Cheng-Chun *see* Cheng-Chun Chang
Chang Cheng-Hong *see* Cheng-Hong Chang
Chang Cheng-Shang *see* Cheng-Shang Chang
Chang Chi *see* Chi Chang
Chang Chi Shih *see* Chi Shih Chang
Chang Chi-Yuan *see* Chi-Yuan Chang
Chang Chia-Chen *see* Chia-Chen Chang
Chang Chia-Haur *see* Chia-Haur Chang
Chang Chia-Jong *see* Chia-Jong Chang
Chang Chialin *see* Chialin Chang
Chang Chih-Wei *see* Chih-Wei Chang
Chang Chin *see* Chin Chang
Chang Chin-Chen *see* Chin-Chen Chang
Chang Chin-Chou *see* Chin-Chou Chang
Chang Ching Lung *see* Ching Lung Chang
Chang Ching-Lung *see* Ching-Lung Chang
Chang Ching-Ray *see* Ching-Ray Chang
Chang Chir-Ho *see* Chir-Ho Chang
Chang Chun Joong *see* Joong Chang Chun
Chang Chun-Yen *see* Chun-Yen Chang
Chang Chung-Cheng *see* Chung-Cheng Chang
Chang Chung-Hwa *see* Chung-Hwa Chang
Chang Chung-Ju *see* Chung-Ju Chang
Chang Chung-Liang *see* Chung-Liang Chang
Chang Da-Wei *see* Da-Wei Chang
Chang Dae Ig *see* Dae Ig Chang
Chang Dang-Yang *see* Dang-Yang Chang
Chang Dau-Chyrh *see* Dau-Chyrh Chang
Chang Dingding *see* Dingding Chang
Chang Doon Shin, Jae Doo Huh, Sung Jae Yun, Pyung Dong Cho, Kyung Pyo Jun The implementation of a billing data processing mechanism for open access to information services 118272
Chang Eon Kang *see* Cheol Woo You 97521
Chang Fuhua *see* Xu Hua 65401
Chang Fung-Yuel *see* Fung-Yuel Chang
Chang Gee-Kung *see* Gee-Kung Chang
Chang Geon-Wen *see* Geon-Wen Chang
Chang Gi Hong *see* Byung Hyug Roh 113942
Chang Gi Ko, Byeong Kwon Ju, Yun Hi Lee, Jung Ho Park, Myung Hwan Oh Fabrication and characterization of diamond-like carbon coated knife edge field emitter array 114513
Chang Goo Kang New digital multisignature scheme in electronic contract systems 66482
Chang Guilan *see* Guilan Chang
Chang Gun Lee *see* Hong Seong Chang 78501
Chang Gun Lee *see* Hong Seong Chang 78601
Chang Gun Lee *see* Hong Seong Chang 118878
Chang Gwo-Ching *see* Gwo-Ching Chang
Chang Hao Study of modulation controller: to damp power oscillations of parallel AC line in the Tianshengqiao to Guangdong HVDC transmission 81009
Chang Hee Nam *see* Yong-Ho Cha 107215
Chang Heng-Chia *see* Heng-Chia Chang
Chang Heon Oh *see* Eon Gon Kim 66261
Chang Heon Oh *see* Eon Gon Kim 78406
Chang Heon Oh *see* Kyung Joon Lee 99330
Chang Ho Lee *see* Suh, K.S. 111602
Chang Hong Seong *see* Hong Seong Chang
Chang Hong-Chan *see* Hong-Chan Chang
Chang Hong-Chi *see* Hong-Chi Chang
Chang Hong-Young *see* Hong-Young Chang
Chang Hoon *see* Hoon Chang
Chang Hoon Lee *see* Seog Tae Han 93732
Chang Horng *see* Horng Chang
Chang Horng-Yi *see* Horng-Yi Chang
Chang Hsein-Chang *see* Hsein-Chang Chang
Chang Hsin-Chin *see* Hsin-Chin Chang
Chang Hua *see* Hua Chang
Chang Huang *see* Huang Chang
Chang Huang Wan *see* Wan Chang Huang
Chang Hun-Hsien *see* Hun-Hsien Chang
Chang Hung-Chun *see* Hung-Chun Chang
Chang Hung-Hsin *see* Hung-Hsin Chang
Chang Hyeoungkyu *see* Hyeoungkyu Chang
Chang Hyuk *see* Hyuk Chang
Chang Hyun Kim *see* Jei-Hwan Yoo 73371
Chang Hyunsik *see* Hyunsik Chang
Chang Ihn-Kiel *see* Ihn-Kiel Chang
Chang Ik Soo *see* Ik Soo Chang
Chang Iksoo *see* Iksoo Chang
Chang Ing-Chau *see* Ing-Chau Chang
Chang Jen-Tsorng *see* Jen-Tsorng Chang
Chang Jenghwa *see* Jenghwa Chang
Chang Jenq-Yang *see* Jenq-Yang Chang
Chang Jin-Fu *see* Jin-Fu Chang
Chang Jo Young *see* Young Chang Jo
Chang Joo Youn *see* Keunjoo Kim 74606
Chang Jui-Ming *see* Jui-Ming Chang
Chang Jung Shang *see* Jung Shang Chang
Chang Kai *see* Kai Chang
Chang Kai-Siung *see* Kai-Siung Chang
Chang Ki Jeong, Eung Don Lee, Jeong Goo Kim, Eon Kyeong Joo Hybrid decision decoding for the extended Hamming codes 86050
Chang Kim Jae *see* Jae Chang Kim
Chang Kim Seok *see* Seok Chang Kim
Chang Ko-Min *see* Ko-Min Chang
Chang Kok Wai *see* Kok Wai Chang
Chang Kow Ming *see* Kow Ming Chang
Chang Kow-Ming *see* Kow-Ming Chang
Chang Kuen Long *see* Kuen Long Chang
Chang Kuo-En *see* Kuo-En Chang
Chang Kwo Wei *see* Kwo Wei Chang
Chang Kwon Hwangbo *see* Hyun Ju Cho 113412
Chang Kwon Hwangbo *see* Zhong-Tao Jiang 115101
Chang Kyu-Hwan *see* Kyu-Hwan Chang
Chang Kyung-Hi *see* Kyung-Hi Chang
Chang KyungHi *see* KyungHi Chang
Chang Li Fung *see* Li Fung Chang
Chang Li-Hsin *see* Li-Hsin Chang
Chang Liang-Wey *see* Liang-Wey Chang
Chang Lin Hung *see* Hung Chang Lin
Chang Liu *see* Jin-Biao Huang 69090
Chang Liuchen *see* Liuchen Chang
Chang Meng-Yueh *see* Meng-Yueh Chang
Chang Mi-Chang *see* Mi-Chang Chang
Chang Min Kim *see* Young Joon Im 106825
Chang Ming *see* Ming Chang
Chang Ming-Shih *see* Ming-Shih Chang
Chang Ming-Wen *see* Ming-Wen Chang
Chang Nagyoung *see* Nagyoung Chang
Chang Ning *see* Ning Chang
Chang Nion Sock *see* Nion Sock Chang
Chang Pao-Chi *see* Pao-Chi Chang
Chang Park Seung *see* Seung Chang Park
Chang Peace *see* Peace Chang
Chang Peng-Heng *see* Peng-Heng Chang
Chang Pi Sheng *see* Pi Sheng Chang
Chang Po-Rong *see* Po-Rong Chang
Chang Quan-Ming *see* Quan-Ming Chang
Chang Rong Seng *see* Rong Seng Chang
Chang Ruay-Shiung *see* Ruay-Shiung Chang
Chang Ryong Lee *see* Suh, K.S. 64108
Chang Sang Mok *see* Sang Mok Chang
Chang Seop Koh *see* Hee Soo Yoon 111875
Chang Seop Koh *see* Min-Kyu Kim 97815
Chang Seop Koh *see* Myung Cheol Joe 62644
Chang Seung-Ho *see* Seung-Ho Chang
Chang Shih-Chieh *see* Shih-Chieh Chang
Chang Shih-Fu *see* Shih-Fu Chang
Chang Shih-Hsu *see* Shih-Hsu Chang
Chang Shih-Lang *see* Shih-Lang Chang
Chang Shihlin *see* Jang Lingyun 69902
Chang Shin-Hsing *see* Shin-Hsing Chang
Chang Shin-Shi *see* Shin-Shi Chang
Chang Shiuh-Yuan *see* Shiuh-Yuan Chang
Chang Shoon-Jinn *see* Shoon-Jinn Chang
Chang Shou-Zen *see* Shou-Zen Chang
Chang Shoude *see* Shoude Chang
Chang Shu *see* Shu Chang
Chang Shue-Lee *see* Shue-Lee Chang
Chang Shuren *see* Lu Kecheng 65034
Chang Shwu-Jing *see* Shwu-Jing Chang
Chang Sie-Poon *see* Sie-Poon Chang
Chang Sijung *see* Sijung Chang
Chang Sik Son *see* Seong-Il Kim 92697
Chang Sohn *see* Jong-il Kim 88874
Chang Soo *see* Soo Chang
Chang Soo Kyung *see* Soo Kyung Chang
Chang Soo-Young *see* Soo-Young Chang
Chang Soon Heung *see* Soon Heung Chang
Chang Soon Kang, Myoung Jin Kim, Sug Bong Kang, Hun Lee CDMA mobile communication system performance analysis tools for network parameter planning 118866

Chang Sub Kim, Olendski, O. Conductance anomaly in a quantum well 114778
Chang Sung-Keun *see* Sung-Keun Chang
Chang Sup Shim *see* Moon Soo Park 68352
Chang Taejoo *see* Taejoo Chang
Chang Tien-Chih *see* Tien-Chih Chang
Chang Ting-Chang *see* Ting-Chang Chang
Chang To *see* To Chang
Chang Tse-En *see* Tse-En Chang
Chang Tsu-Shuan *see* Tsu-Shuan Chang
Chang Wan Hong *see* Chae Gon Oh 104569
Chang Wan Jeon, Hyoung Joong Kim, Jang Gyu Lee On updating the singular value decomposition 113233
Chang Wanli *see* Wanli Chang
Chang Wei *see* Wei Chang
Chang Wei-Heng *see* Wei-Heng Chang
Chang Wei-Ju *see* Wei-Ju Chang
Chang Wei-Nan *see* Wei-Nan Chang
Chang Weichi *see* Weichi Chang
Chang Wen Chen *see* Jiebo Luo 98807
Chang Wen Chen *see* Jiebo Luo 108498
Chang Wen-Chung *see* Wen-Chung Chang
Chang Wen-Yao *see* Wen-Yao Chang
Chang Wen-Ying *see* Wen-Ying Chang
Chang Win-Pin *see* Win-Pin Chang
Chang Won Son, Jiseung Nam A starvation resolution algorithm for dual ring network 77881
Chang Woo Lee, Sang Uk Lee Image coding technique using M band filter bank and classified vector quantizer 97962
Chang Woo Lee *see* Yong Tae Kim 75059
Chang Woo Lee *see* Yong Tae Kim 115429
Chang Woo Yoon, Jeong Hun Choi, Sehyeong Cho Service creation for customer using SCE: customized service description in intelligent network services 118552
Chang Xiang-Rong *see* Xiang-Rong Chang
Chang Xianrong, Zhang Xiaobin, Pan Yunjiang, Wan Jun Design of integral linear optimal excitation control 80927
Chang Xianrong *see* Pan Yunjiang 111885
Chang Xiao-Wen *see* Xiao-Wen Chang
Chang Xiwang Method of "cutting the long or adding to the short" for measuring of the optical parameters of a self-focusing sample 107498
Chang Yao-Wen *see* Yao-Wen Chang
Chang Ye-In *see* Ye-In Chang
Chang Yee-Hsiang *see* Yee-Hsiang Chang
Chang Yilin *see* Yilin Chang
Chang Ying-Kwun *see* Hong Ying-Yi 91154
Chang Yong Keun *see* Yong Keun Chang
Chang Yong-Moo *see* Yong-Moo Chang
Chang Young-Chang *see* Young-Chang Chang
Chang Young-Hak *see* Young-Hak Chang
Chang Yu-Chu *see* Yu-Chu Chang
Chang Yu-Wen *see* Yu-Wen Chang
Chang Yuan-Chi *see* Yuan-Chi Chang
Chang Yueh-Huang *see* Yueh-Huang Chang
Chang Yuen Teo, Haldar, M.K., Linlin Li, Mendis, F.V.C. The relationship between the static and dynamic properties of optically switched injection-locked bistable semiconductor lasers 85488
Chang Yuen Teo *see* Linlin Li 65355
Chang Yuh-Lin *see* Yuh-Lin Chang
Chang Yun-Shan *see* Yun-Shan Chang
Chang Yung-Cheng *see* Yung-Cheng Chang
Chang Zenghu *see* Shan Bing 114543
Chang Zuang-Shin *see* Lu Chung-Chin 111603
Chang-Bok Lee *see* Se-Chul Chu 99691
Chang-Bum Kim *see* Keon-Myung Lee 97753
Chang-Chou Hwang, Sy-Ruen Huang, Sheau-Shong Bor Finite element modeling of lightning 72412
Chang-Chou Hwang, Sy-Ruen Huang, Sheau-Shong Bor Computation of eddy currents induced in structural steel due to three-phase currents by finite element method 111655
Chang-Chou Hwang, Sy-Ruen Huang, Sheau-Shong Bor, Wen-Shiung Chen Numerical modeling of lightning based on the traveling wave equations 97078
Chang-Chou Hwang *see* Sheau-Shong Bor 107852
Chang-Chun Zhu, Guang-Yi Liu, Ning Chen, Wu-Yuan Cui, Jun-Hua Liu Study of shaping super long tungsten filament array 74009
Chang-Chun Zhu *see* Hai-Xiao Wang 79330
Chang-Chun Zhu *see* Tian-Ying Li 74010
Chang-Chung Liu, R-Ming Shiu, Chung-Ping Chung Register renaming for x86 superscalar design 83140
Chang-Chung Wen *see* Jung-Shyr Wu 109545
Chang-De Gong *see* Jian-Xin Zhu 105232
Chang-Dong Kim, Matsumura, M. Application of excimer-laser to hydrogenated amorphous-silicon TFT process [for TFT-LCD] 84067
Chang-Dong Kim, Matsumura, M. 1 µm-long amorphous-silicon thin-film transistors with wide dynamic range 94963
Chang-Eob Kim, Yong-Bae Jung, Dal-Ho Im The fault diagnosis of rotor bars in squirrel cage induction motors by time-stepping finite element method 102723
Chang-Eon Kang *see* Bub-Joo Kang 68185
Chang-Eon Kang *see* Bub-Joo Kang 118959
Chang-Fa Yang, Te-Shun Wang A moment method solution for TM_z and TE_z waves illuminating two-dimensional objects above a lossy half space 107932
Chang-Fuu Chen *see* Chun-Hung Kuo 108519
Chang-Han Yi *see* Schlussler, J.-U. 62115
Chang-Hasnain, C.J., Goodman, J.W., Lau, K.Y., Varma, A. SWANET: an all-optical self-routed wavelength-addressable network 68428
Chang-Hasnain, C.J. *see* Leight, J.E. 88486
Chang-Hasnain, C.J. *see* Li, G.S. 65319
Chang-Hasnain, C.J. *see* Lim, S.F. 65392
Chang-Hasnain, C.J. *see* Nabiev, R.F. 65326
Chang-Hasnain, C.J. *see* Vail, E.C. 116470
Chang-Hasnain, C.J. *see* Wu, Y.A. 65321
Chang-Hasnain, C.J. *see* Wu, Y.A. 107347
Chang-Hee Hong *see* Key-Jeong Yoon 94535
Chang-Hoi Ahn *see* Yong-Hwa Jeong 107825
Chang-Hoi Hur *see* Dal-Ho Im 102756
Chang-Hoi Hur *see* Dal-Ho Im 102760
Chang-Hong Chen *see* Chung-Wei Ku 108986
Chang-Hong Kim *see* Junbiao Peng 106986
Chang-Hong Liang *see* Jin-Ping Xu 93691
Chang-Hun Lie *see* Myeong-Yong Lee 117954
Chang-Hwan Kim, In-Joong Ha A new approach to feedback-linearizing control of variable reluctance motors for direct-drive applications 81424
Chang-Hwoi Kim, Sang-Jeong Lee, Chang-Shik Ham A predictive control algorithm with feedforward 102432
Chang-Jin Kim *see* Youngjoo Yee 84627
Chang-Jin Suh *see* Chlamtac, I. 78735
Chang-Joo Kim, Young-Su Kim, Coo-Young Jung BER analysis of QAM with MRC space diversity in Rayleigh fading channel 99155
Chang-Joo Kim *see* Dong-Doo Lee 78437
Chang-jun Liao *see* Liao Chang-jun
Chang-Jun Zhu, Ozaki, T., Orimo, S., Kanai, T., Jia-Qi Liang, Kuroda, H., Aoki, T. Simulation of recombination pumped aluminum soft X-ray laser 116301
Chang-Jun Zhu *see* Orimo, S. 116302
Chang-Jyh Hsieh *see* Te-Hwei Suen 85651
Chang-Kou Tai Frequency periodograms of altimetric sea level and their geographical variation from 2 years of TOPEX/POSEIDON data 111271
Chang-Kwang Yang *see* Jen-Jyh Hwang 71116
Chang-Li Chen, Bao-Xin Gao, Xing-Nan Hong A new kind of noise analysis model for simulating accurate phase noise in microwave MESFET oscillators 114281
Chang-Li Chen, Xing-Nan Hong, Bao-Xin Gao A new and efficient approach to the accurate simulation of phase noise in microwave MESFET oscillators 93826
Chang-Liao Kuei-Shu *see* Kuei-Shu Chang-Liao
Chang-Min Kim *see* Min-Sub Chung 75513
Chang-Min Kim *see* Young-Jin Han 85039
Chang-Min Park, Kyeong-Ik Min, Kyung Ho Shin Effects of surface-roughness related process parameters on the magnetoresistive characteristics of spin valves 115605
Chang-Ming Wu *see* Lu-Sheng Hong 104137
Chang-Qing Chen *see* Ying Guo 79401
Chang-Seok Kang *see* Kee-Won Kwon 61908
Chang-Shik Ham *see* Chang-Hwoi Kim 102432
Chang-Shing Lee, Yau-Hwang Kuo Three dimensional weighted fuzzy mean filters for color image filtering 108457
Chang-Shing Lee, Yau-Hwang Kuo Adaptive weighted fuzzy mean filter 117791
Chang-Shun Chen, Cheng-Tzu Kuo, I-Nan Lin Electrical properties of ZnO varistors prepared by microwave sintering process 114340
Chang-Sik Son, Seong-Il Kim, Byung Don Min, Eun Kyu Kim, Suk-Ki Min, In-Hoon Choi Study of the electrical properties of CBr_4-doped GaAs epilayers grown on (100) and 2° off (100) GaAs substrates 105158
Chang-Sik Son, Seong-Il Kim, Byung Don Min, Tae-Geun Kim, Yong Kim, Moo-Sung Kim, Eun Kyu Kim, Suk-Ki Min, In-Hoon Choi Electrical properties of heavily carbon-doped InGaAs epilayers after rapid thermal annealing 83862
Chang-Sik Son *see* Byung Don Min 84106
Chang-Sik Son *see* Tae-Geun Kim 105314
Chang-Soo Huh, Eun-Sang Choo A study on the breakdown characteristics of power p-n junction device using field limiting ring and side insulator wall 74349
Chang-Soo Kim *see* Rak-Hyun Song 81739
Chang-Soo Kim *see* Rak-Hyun Song 81740
Chang-Suk Kim *see* Dai-Seub Choi 81032
Chang-Tai Yu *see* Feng-Zhen Guo 116114
Chang-Won Hwang *see* Jin-Won Kim 84383
Chang-Won Song *see* Hyung-Sik Oh 118199
Chang-Woo Kim, Hayama, N., Takahashi, H., Miyoshi, Y., Goto, N., Honjo, K. 3-V operation power HBTs for digital cellular phones 73749
Chang-Wouk Park, In-Chil Lim Usage parameter control mechanism using a virtual buffer for ATM networks 87279
Chang-xin Fan *see* Lu, D.F. 113626
Chang-Yong Park *see* Kyoung-Whoan Suh 78364
Chang-Yu Wang, Logothetis, D., Trivedi, K.S., Viniotis, I. Transient behavior of ATM networks under overloads 87350
Changan Luo *see* Luo Changan
Changbae Kim *see* Kim Changbae
Changbiao Wang *see* Hirshfield, J.L. 105046
Changbum Jeong *see* Eungsoo Kim 84243
Changcheng Huang, Devetsikiotis, M., Lambadaris, I., Kaye, A.R. Self-similar traffic and its implications for ATM network design 118022
Changde Xie *see* Kuanshou Zhang 85439
Changdon Kee *see* Enge, P. 99681
Changdong Liu, Yong Xie, Lee, M.J., Saadawi, T.N. Multipoint multimedia teleconference system with adaptive synchronization 109213
Changeon Kang *see* Sungkwon Hong 66552
Changge Qiao, Xianlong Hong A loop routing approach for decreasing critical path delay 82823
Changge Qiao *see* Xianlong Hong 83057
Changgeng Fu *see* Fu Changgeng
Changhong, L. *see* Tiejun, C. 76387
Changhong Liang *see* Liang Changhong
Changhoon Lee *see* Hong Seong Park 98734
Changhua Tan *see* Mingzhen Xu 84010
Changhua Tan *see* Yandong He 84011
Changhua Tan *see* Tan Changhua
Changhwan Oh *see* Kijin Baek 78116
Changhwan Oh *see* Yu-Hyun Kim 77623
Changhyun Kim, Wise, K.D. A 64-site multishank CMOS low-profile neural stimulating probe 110925
Changjia Chen *see* Yangzhen Zou 118537
Changjia Cheng *see* Cheng Changjia
Changjing Shang, Reay, D., Williams, B. Learning rate functions in CMAC neural network based control for torque ripple reduction of switched reluctance motors 111926
Changjun Li, Evans, D.J. A note on modified iterative methods for consistent linear systems 72637
Changjun Liao *see* Junmin Liu 107602
Changjun Yu *see* Yu Changjun
Changku Hwang, Ismail, M., DeGroat, J.E. On-Chip I_{DDQ} testability schemes for detecting multiple faults in CMOS ICs 61707
Changku Hwang, Motamed, A., Ismail, M. A new implementation of constant-g_m op amp input stage for CMOS low voltage applications 93149
Changku Hwang, Motamed, A., Ismail, M., Kuwabara, H. A simple universal LV/LP opamp architecture 104385
Changku Hwang *see* Chung-Chih Hung 93633
Changli Chen *see* Chen Changli
Changlian Yi *see* Qiuliang Wang 95619
Changlian Yi *see* Wenqi Ge 102731
Changliang Wang *see* Wang Changliang
Changlu, L. *see* Jixiang, Z. 76389
Changmin Yuan *see* Yuan Changmin
Changning Guo *see* Guo Changning
Changoo Lee, Hyojoong Kim, Sungsoo Kang, Man-seop Lee A systematic evaluation on burst-mode data transmission in passive optical access network 119213
Changqing Chen *see* Chen Changqing
Changqing Wang *see* Deyuan Shen 65114
Changqing Wang *see* Wang Changqing
Changqing Xie *see* Xunchun Li 94855
Changqing Zhan *see* Hongwei Wang 84039
Changsen Zhao *see* Zhao Changsen
Changsheng Xu *see* Xu Changsheng
ChangSheng Zhao, Mohr, R. Global three-dimensional surface reconstruction from occluding contours 98049
Changshui Zhang *see* Zhang Changshui
Changsik Yoo, Ingeol Lee, Kwangho Yoon, Wonchan Kim, Sang-Hoon Chai, Woncheol Song Design techniques for high speed serial data transmitters in CMOS process 61990
Changsik Yoo *see* Inyeol Lee 73502
Changsoo Eun, Powers, E.J. A predistorter design for a memory-less nonlinearity preceded by a dynamic linear system 78347
Changsub Koh *see* Dongjin Bae 111961
Changwoo Reeu, Kyuwon Jeong Distortion correction of fish-eye lens for wide angle range finder 86830
Changxi Li *see* Li Changxi
Changxi Yang, Weishu Wu, Pochi Yeh Implementation of a novel optical half-adder 106902
Changxi Yang *see* Xianmin Yi 84955
Changxian Shi, Jun Du, Hsu Dahsiung An analysis of response time for a combined random/reservation protocol in VSAT systems 119119
Changxin Fan *see* Ying Liu 117784
Changxin Fan *see* Fan Changxin
Changyeol Lee, Yoonhyuk Kim, Yong-Gie Choi, Young-Ho Cho, Kwyro Lee, Byung Man Kwak High-density silicon microprobe arrays for LCD pixel inspection 74962
Changyi Liu *see* Liu Changyi
Changyi Sun, Neale, C.M.U., McDonnell, J.J., Heng-Da Cheng Snow classification from SSM/I data over varied terrain using an artificial neural network classifier 111279
Changyong Yang *see* Myeongho Kang 109185
Changyul Cheon, Pyeonghwa Lee, Seung-Wood Lee, Hong-Bae Lee, Song-Yop Hahn Analysis of the coaxial to W/G adaptor with arbitrary load using vector finite element method 104793
Changyul Cheon *see* Hong-Bae Lee 65960
Changyul Cheon *see* Juno Kim 65961
Changyul Cheon *see* Seung-Hyun Song 104902
Changyul Cheon *see* Seung-Woo Lee 112618
Changzhi Guo *see* Guo Changzhi
Changzhi Lu *see* Lu Changzhi
Changzhi Sun *see* Sun Changzhi
Chanh Nguyen, Hsiang-Chih Sun, Takyiu Liu Chirped superlattice hot electron transistor 63632
Chanh Nguyen *see* Thomas, M. 106691
Chanh Tran *see* Donnelly, K. 74851

Chanhee Oh, Mercer, M.R. Efficient logic-level timing analysis using constraint-guided critical path search 93313
Chaniotakis, E.A. Energy margin of cable-in-conduit conductor as a function of operating pressure and initial heated zone 95436
Chankil Lee *see* Hyeongdong Kim 116855
Chanley, C. *see* Sarma, K.R. 100201
Channakeshava *see* Karunakara, K. 71012
Channakeshava *see* Maruthi, R. 70946
Channell, P. *see* Wang, T. 89991
Channing, I. Future proofing GSM technology 118823
Channing, J.M. *see* Read, F.H. 79901
Chansik Park, Ilsun Kim, Jang Gyu Lee, Gyu-In Jee Efficient ambiguity resolution using constraint equation 68763
Chanson, S.T. *see* Kim, M. 118104
Chanson, S.T. *see* Lee, K.K. 109293
Chanson, S.T. *see* Loureiro, A.A.F. 118105
Chanson, S.T. *see* Myungchul Kim 77764
Chante, J.-P. *see* Leroux, C. 84415
Chante, J.P. *see* Lebedev, A.A. 105302
Chante, J.P. *see* Ortolland, S. 114694
Chanthalyma, S. *see* Toukhy, M. 105813
Chantler, C.T., Deslattes, R.D., Henins, A., Hudson, L.T. Flat and curved crystal spectrography for mammographic X-ray sources 90453
Chantler, C.T. *see* Hudson, L.T. 120388
Chantler, M.J., Lane, D.M., Dai, D., Williams, N. Detection and tracking of returns in sector-scan sonar image sequences 88721
Chantler, M.J. *see* Lane, D.M. 68739
Chantrain, D. *see* Vanderstraeten, H. 108950
Chantre, A. *see* Ashburn, P. 63583
Chantre, A. *see* Denorme, S. 84330
Chantre, A. *see* Gravier, T. 105896
Chantre, A. *see* Mounib, A. 63594
Chantre, A. *see* Vendrame, L. 115374
Chantrell, R.W. *see* Dean, C. 84776
Chantrell, R.W. *see* Earl, J. 75237
Chantrell, R.W. *see* Earl, J.S. 106589
Chantrell, R.W. *see* Phillips, G.N. 106588
Chantrell, R.W. *see* Por, P.T. 106487
Chantrell, R.W. *see* Sollis, P.M. 106567
Chantrell, R.W. *see* Suzuki, H. 106585
Chantrell, R.W. *see* Walmsley, N.S. 64179
Chantrell, R.W. *see* Walmsley, N.S. 106578
Chantrell, R.W. *see* Warren, A.P. 106482
Chantrell, R.W. *see* Warren, A.P. 106492
Chao, A., Bo Chen, Oide, K. A weak microwave instability with potential well distortion and radial mode coupling 89871
Chao, A. *see* Bane, K. 89979
Chao, A. *see* Heifets, S. 89624
Chao, A.M. *see* Hong Tian 115688
Chao, A.W., Henke, H. Wake field and the diffraction model due to a flat beam moving past a conducting wedge 89872
Chao, A.W. *see* Minty, M.G. 89870
Chao, B., Liu, Z.J., Low, T.S. Analysis of Unbalanced-Magnetic-Pulls in hard disk drive spindle motors using a hybrid method 121528
Chao, C., Bonwick, W.J., Conlon, M.F. Superconductivity applications to electrical power engineering 112426
Chao, C.-C. *see* Wu, T.-C. 68153
Chao, C.-P., Garbuzov, D.Z., Forrest, S.R., Martinelli, R.U., Menna, R.J., Harvey, M.G., DiMarco, L.A., Connolly, J.C. Folded-cavity surface-emitting distributed feedback 1.39 μm wavelength InGaAsP/InP laser diodes for gas-sensing applications 96849
Chao, C.I. *see* Chen, S.A. 106948
Chao, C.K. *see* Tseng, C.C. 71083
Chao, C.P. *see* Forrest, S.R. 64850
Chao, H.I. *see* Stok, L. 113637
Chao, H.S., Griffin, P.B., Plummer, J.D. Influence of dislocation loops created by amorphizing implants on point defect and boron diffusion in silicon 74534
Chao, H.S., Griffin, P.B., Plummer, J.D., Rafferty, C.S. The dose, energy, and time dependence of silicon self-implantation induced transient enhanced diffusion at 750°C 114860
Chao, I.-F. *see* Baker, C.R. 97407
Chao, J., Kawabe, S., Tsujii, S. A unifying treatment of general gradient adaptive digital filter and convergence analysis with arbitrary inputs 66687
Chao, J. *see* Gao, C. 115698
Chao, J. *see* Lal, B.B. 115760
Chao, J.H. *see* Nju, H. 69848
Chao, J.L. *see* Bedoy, C. 115686
Chao, J.L. *see* Yang, M.M. 115690
Chao, K.A. *see* Hanke, U. 95082
Chao, K.A. *see* Hanke, U. 95509
Chao, K.A. *see* Kindlihagen, A. 64988
Chao, L. *see* Ghassemlooy, Z. 68480
Chao, M. *see* Peng, N.C. 94606
Chao, S. A simple laboratory procedure for packaging and testing part-fabricated gas microsensors 69349
Chao, S. *see* Tzuan-Ren Jeng 85150
Chao, T.S., Liaw, A.M.C., Chu, C.H., Chang, C.Y., Chien, C.H., Hao, C.P., Lei, T.F. Mechanism of nitrogen coimplant for suppressing boron penetration in p^+-polycrystalline silicon gate of p metal-oxide semiconductor field effect transistor 106028
Chao, Y.C. *see* Pullen, S.P. 68773
Chao, Y.D. *see* Jen, S.U. 84786
Chao, Y.Y. *see* Clark, P.P. 76286
Chao Chi-Chao *see* Chi-Chao Chao
Chao Chin-Chieh *see* Chin-Chieh Chao
Chao Chun-Tang *see* Chun-Tang Chao
Chao Fang-Lin *see* Fang-Lin Chao
Chao Hung-Lung *see* Hung-Lung Chao
Chao Jiunnhsing, Tseng Chialian Determination of ^{135}Cs by neutron activation analysis 69844
Chao Lu *see* Lu Chao
Chao Ma *see* Ma Chao
Chao Sung Lai, Chung Len Lee, Tan Fu Lei, Horng Nan Chern A novel vertical bottom-gate polysilicon thin film transistor with self-aligned offset 63661
Chao Sung Lai *see* Yung Hao Lin 74489
Chao Tien Sheng *see* Tien Sheng Chao
Chao Tien-Hsin *see* Tien-Hsin Chao
Chao Xiuli *see* Xiuli Chao
Chao Ye *see* Kosonocky, W.F. 79546
Chao Yen-Juan *see* Yen-Juan Chao
Chao Yi-Chung *see* Yi-Chung Chao
Chao Ying-Chen *see* Ying-Chen Chao
Chao Zhang, Guanping Feng Contributions of amplitude measurement in QCM sensors 110084
Chao-Ho Lin *see* Sands, N.P. 73578
Chao-Hsin Chien *see* Horng-Chih Lin 105620
Chao-Hui Lee *see* Chi-Jui Wu 122099
Chao-Ju Hou Routing virtual circuits with timing requirements in virtual path based ATM networks 87312
Chao-Ju Hou, Bin Wang, Ching-Chih Han Design and analysis of a WDMA protocol for passive star-coupled lightwave networks 87465
Chao-Kuei Wen Taipower's information service and development 101817
Chao-Kun Lin *see* Dapkus, P.D. 107344
Chao-Lieh Chen, Yau-Hwang Kuo Fuzzy inference processor design with generic LR fuzzy cells 104578
Chao-Ming Huang, Hong-Tzer Yang A time series approach to short term load forecasting through evolutionary programming structures 80959
Chao-Ming Huang *see* Hong-Tzer Yang 80899
Chao-Nan Xu, Tamaki, J., Miura, N., Yamazoe, N. Nature of sensitivity promotion in Pd-loaded SnO_2 gas sensor 100160
Chao-Ren Chang *see* Rohde, U.L. 73157
Chao-Shen Chen *see* Yenn-Ming Tzeng 91125
Chao-Shu Liu, Jui-Ching Yang, Jian-Shiang Chen A normalized smoothing control scheme based on fuzzy modeling for the control of DC brushless servo drives 91804
Chao-Shun Chen, Yenn-Ming Tzeng, Ming-Yeuan Cho The application of artificial neural network to distribution substation load forecasting and temperature sensitivity analysis 91134
Chao-Tang Yu, Varshney, P.K. A paradigm for distributed detection under communication constraints 66636
Chao-Tsun Lai *see* Wen-Ying Chang 81514
Chao-Xiang Shi A novel twisted Er-doped fiber ring laser: proposal, theory, and experiment 65068
Chao-Xiang Shi A novel Er-doped fiber laser with adjustable pulse output: experiment 75834
Chao-Xiang Shi A novel fiber-optic Fabry-Perot resonator with two mode-conversion mirrors: proposal and application 95924
Chao-Xiang Shi A novel pulsed fiber-optic rotation sensor with opto-electronic feedback 110190
Chao-Xiang Shi Proposal of a novel resonator fiber-optic gyro with fiber grating loop 119698
Chao-Xiang Shi, Kajioka, H. Configuration to double I-FOG output power: Experimental investigation of noise performance and temperature effect 79515
Chao-Xiang Shi, Kajioka, H. A novel mode-locked fiber laser rotation sensor: experiment 89120
Chao-yang Tu *see* Ting-jie Zhao 65160
Chaocun Hu *see* Hu Chaocun
Chaofu Ying *see* Ying Chaofu
Chaokang Zhao *see* Zhao Chaokang
Chaoqing Yin *see* Yin Chaoqing
Chaoqun Peng *see* Peng Chaoqun
Chaowei Luo *see* Luo Chaowei
Chaowei Tang *see* Tang Chaowei
Chaoying Chen *see* Chen Chaoying
Chapa, J.O. *see* Raghuveer, M.R. 86254
Chapa, J.O. *see* Raghuveer, M.R. 87161
Chaparala, P., Suehle, J.S., Messick, C., Roush, M. Time-dependent dielectric breakdown of intrinsic SiO_2 films under dynamic stress 64060
Chaparala, P., Suehle, J.S., Messick, C., Roush, M. Electric field dependent dielectric breakdown of intrinsic SiO_2 films under dynamic stress 95254
Chaparala, P. *see* Cavicchi, R.E. 119773
Chaparala, P. *see* Martin, A. 63756
Chaparala, P. *see* Martin, A. 95255
Chaparala, P. *see* Schlund, B. 63178
Chaparala, P. *see* Schlund, B. 94631
Chaparala, P. *see* Schlund, B.J. 115407
Chaparala, P. *see* Suehle, J.S. 106303
Chapek, D. *see* Conrad, J.R. 63249
Chapelet, B. TIME technology management clubs: bridging the gap between SMEs and large enterprises 72153
Chapelle, J. *see* Soulem, N. 95089
Chapelle, M.de La *see* de La Chapelle, M.
Chapelon, J.Y., Dupenloup, F., Cohen, H., Lenz, P. Reduction of cavitation using pseudorandom signals [therapeutic US] 90571
Chapelon, J.Y. *see* Cathignol, D. 111374
Chapenko, V.P. *see* Kalnberzin', A.Ya. 113901
Chaplin, D.J. *see* Pigott, K.H. 120385
Chaplin, M. *see* Deis, G. 106719
Chaplin, M.R., Martovetsky, N.N., Zbasnik, J.P., Hale, J.R., Schultz, J.H., Pourrahimi, S., Smith, S., Pei-Wen Wang Co-wound voltage sensor R&D for TPX magnets 106727
Chaplin, M.R. *see* Martovetsky, N.N. 95528
Chaplin, R.P. *see* Gang Ding Peng 116392
Chaplin, R.P. *see* Peng, G.D. 75825
Chaplin, R.P. *see* Peng, G.D. 107142
Chapman, B., Zwicky, E. Internet security policies 87825
Chapman, C.A. *see* Haykin, S. 110829
Chapman, D. *see* Dilmanian, F.A. 90434
Chapman, G.H. *see* Bergen, D.E. 107658
Chapman, G.R. *see* Johnson, J.L. 95985
Chapman, G.R. *see* Wu, O.K. 100113
Chapman, J. *see* Casey, S. 106548
Chapman, J.A. *see* Shannon, J.M. 89258
Chapman, J.N., Gillies, M.F., Freitas, P.P. Magnetization reversal process in TbCo-biased spin valves 84844
Chapman, J.N. *see* Ruhrig, M. 115519
Chapman, J.N. *see* Schrefl, T. 106575
Chapman, L. *see* Sanden, B. 72196
Chapman, M., Dupuy, F., Nilsson, G. An overview of the Telecommunications Information Networking Architecture 77891
Chapman, R., Monaldo, F.M. A novel wave height sensor 90818
Chappell, M.J. *see* Jolliffe, C.M. 102646
Chappert, C. *see* Hehn, M. 64271
Chappie, S.S. *see* Kawecki, T.G. 111053
Chapple, P.B., Wilson, P.J. Z-scans with near-Gaussian laser beams 85682
Chapron, B. *see* Elfouhaily, T. 120805
Chapron, B. *see* Elfouhaily, T. 120823
Chapron, B. *see* Elfouhaily, T. 120825
Chapron, B. *see* Kerbaol, V. 120762
Chapron, B. *see* Le Caillec, J.M. 120826
Chapron, B. *see* Vandemark, D. 120874
Chapurin, I.V. *see* Panasyuk, L.M. 96806
Chaput, F. *see* Boilot, J.P. 75397
Chaput, F. *see* Dubois, A. 84940
Chaput, F. *see* Faloss, M. 96121
Chaput, F. *see* Levy, Y. 107543
Chaput, R. *see* Ortega, J.M. 107394
Char, K. *see* Berkowitz, S.J. 115962
Char, K. *see* Mallison, W.H. 75363
Char-Ming Chin *see* Nayfeh, A.H. 70705
Char-Yuan Yeh *see* Yinyi Lin 115818
Charalambides, C.A. On the q-differences of the generalized q-factorials 92440
Charalambous, S. *see* Charitidis, C. 106954
Charalambous, S. *see* Kitis, G. 101464
Charan, R., Ahuja, N. Curve detection in 3D dot patterns 86661
Charan, R. *see* Ahuja, N. 86679
Charap, S. *see* Davidson, R. 75285
Charap, S. *see* Davidson, R. 106604
Charap, S.H. *see* Davidson, R.J. 115804
Charap, S.W. *see* Davidson, R.J. 115832
Charar, S. *see* Dos Santos, O. 84293
Charar, S. *see* Mahoukou, F. 83839
Charara, A., De Miras, J., Caron, B. Nonlinear control of a magnetic levitation system without premagnetization 95390
Charbon, E. *see* Malavasi, E. 95098
Charbon, E. *see* Miliozzi, P. 84590
Charbon, E. *see* Miliozzi, P. 114143
Charbonneau, S. *see* He, J.-J. 85504
Charbonneau, S. *see* Koteles, E.S. 65366
Charbonneau, S. *see* Labrie, D. 94691
Charbonneau, S. *see* Marquezini, M.V. 105428
Charbonneau, S. *see* Morris, D. 62909
Charbonneau, S. *see* Poole, P.J. 85321
Charbonneau, S. *see* Poole, P.J. 96038
Charbonnier, B. *see* Georges, T. 85617
Charbonnier, B. *see* Georges, T. 99534
Charbonnier, F. Developing and using the field emitter as a high intensity electron source 73962
Charbonnier, M. *see* Afif, M. 94183
Charbonnier, M. *see* Alami, M. 82775
Charbonnier, P. *see* Laurette, L. 80309
Charbonnier, Y. *see* Matulewicz, T. 110596
Chardaire, P., Sutter, A., Costa, M.-C. Solving the dynamic facility location problem 108874
Chardaire, P. *see* Bangham, J.A. 67368
Charette, P.G., Hunter, I.W. Robust phase-unwrapping method for phase images with high noise content 97866
Charfi, F.F. *see* Chtourou, R. 62865
Chari, D.R. *see* Collier, T.J. 91281
Chari, K.S., Singh, N.B. Performance studies of Semiconductor Technology Process Simulator (STEPS) 106178
Chari, M.V.K. *see* Plantive, E. 121462
Chari, M.V.K. *see* Tahani, A. 85795
Charikov, A.V. *see* Avakyants, L.I. 107146
Charikov, A.V. *see* Bikmatov, R.G. 96160
Charil, J. *see* Nakajima, H. 88560
Charitat, G., Bouanane, M.A., Austin, P., Rossel, P. Modelling and improving the on-resistance of LDMOS RESURF devices 63714
Charitat, G. *see* Krizaj, D. 94900
Charitat, G. *see* Krizaj, D. 105831

Charitidis, C., Kitis, G., Charalambous, S. Supralinearity of synthetic quartz at different irradiation temperatures 106954
Charkari, N.M., Ishii, K., Mori, H. Sensory selection in vehicle detection and avoidance 77095
Charkari, N.M. *see* Kotani, S. 77385
Charland, P., Peters, T. Optimal display conditions for quantitative analysis of stereoscopic cerebral angiograms 120297
Charles, A., Towers, M.S., McCowen, A. The modelling of Jaumann layers on general scatterers in two dimensions 65815
Charles, H.K., Jr. Cost versus technology trade-offs for multichip modules 83674
Charles, J.-P. *see* Bendada, E. 84384
Charles, J.-P. *see* Bendada, E. 106022
Charles, J.P. *see* Bendada, M. 74736
Charles, M.W. *see* Ranjbar, A.H. 110962
Charlesworth, P. RAPTOR: Radar plus thermal observation and recognition system 70577
Charlson, E.J. *see* Stacy, T. 94602
Charlson, E.M. *see* Stacy, T. 94602
Charlton, C., Gittings, C., Leng, P., Little, J., Neilson, I. CONNECT: A case study in promoting the advantages of the Internet to SMEs 118445
Charlton, D. *see* Cohen, N. 76435
Charlton, M.T., Padfield, G.D., Green, J.T. UK attack helicopter flying qualities: the role of piloted simulation evaluation in supporting the procurement decision making process 120593
Charnetski, C. *see* Sawatari, T. 100051
Charng Ning Chen *see* Chen Charng Ning
Charny, A., Ramakishnan, K.K., Lauck, A.G. Scalability issues for distributed explicit rate allocation in ATM networks 87801
Charny, A., Ramakrishnan, K.K. Time scale analysis of explicit rate allocation in ATM networks 87357
Charny, A., Ramakrishnan, K.K., Lauck, A. Time scale analysis and scalability issues for explicit rate allocation in ATM networks 98775
Charoenrook, A., Soma, M. A fault diagnosis technique for flash ADC's 73475
Charon, I., Hudry, O., Lobstein, A. Constructing covering codes via noising 66348
Charot, F. *see* Barzic, R. 83133
Charpak, G. *see* Giomataris, Y. 90177
Charpentier, G., Fremont, G., Jaquet, I. ADAMS: an automatic debiting application for new motorway services 99112
Charpentier, J.F., Lefevre, Y., Lajoie-Mazenc, M. A 2D finite element formulation for the study of the high frequency behaviour of wound components 71533
Charpentier, J.P., Schenk, K. International power interconnections–moving from electricity exchange to competitive trade 111508
Charpin, P. *see* Berger, T.P. 66487
Charra, F., Fichou, D., Chollet, P.-A., Paquet, D. Modulation of the optical properties of sexithiophene thin films by field-effect charges 105495
Charra, F. *see* Chalupczak, W. 65530
Charra, F. *see* Chollet, P.-A. 116104
Charra, F. *see* Fichou, D. 75575
Charra, F. *see* Fichou, D. 85088
Charra, F. *see* Fiorini, C. 85738
Charrada, K., Zissis, G. On the convective flow in Hg high pressure discharge lamps: influence of tube geometry 71894
Charrada, K. *see* Zissis, G. 112597
Charrier, J. The use of eddy currents to detect the onset of damage in rotating beam fatigue tests 61487
Charruau, G. *see* Ausset, P. 100679
Chartier, A. *see* Erin, M. 68953
Chartier, A. *see* Popescu, G. 75821
Chartier, A. *see* Prieto, E. 68954
Chartier, E. *see* Delage, S.I. 83389
Chartier, E. *see* Delage, S.L. 62341
Chartier, E. *see* Tachafine, A. 62293
Chartier, J.-M. *see* Aman, J. 99822
Chartier, J.-M. *see* Erin, M. 68953
Chartier, J.-M. *see* Popescu, G. 75821
Chartier, J.-M. *see* Prieto, E. 68954
Chartier, M. *see* Odland, O.H. 110593
Chartier, P. *see* Chan, R.P.K. 61064
Chartier, P. *see* Cong, H.N. 81905
Chartier, T., Meziane, B., Sanchez, F., Stephan, G., Francois, P.L. Optical feedback effects in Nd-doped fiber lasers with broadband spectra 65064
Chartier, V.L., Lowder, S.M., Rodick, S., Vogt, M.W. Radio and audible noise performance of T2 conductors 91195
Charvin, P. *see* Abbes, M. 90145
Charwat, H.J. The appropriate application of color on VDUs for process control 79231
Chase, H. *see* Banas, D. 89239
Chase, M. *see* Kahn, M. 82817
Chase, T.A., Luo, R.C. A flexible capacitive normal/shear tactile force sensor 89045
Chase, T.A. *see* Janet, J.A. 86783
Chashechkin, Yu.D. *see* Il'inykh, Yu.S. 80667
Chashurin, V.I. *see* Dolbilov, G.V. 94192
Chasnyk, K.A. The principles of tomography of a probed region by a one-positional system using rapid scanning methods 68753
Chassaing, E., Nallet, P., Trichet, M.F. Electrodeposition of Cu/Fe$_{20}$Ni$_{20}$ magnetic multilayers 61317
Chassaing, R., Bitler, B. Digital signal processing for video line rate analysis 60469
Chassang, R. Carminat: going towards an operational service in 1996 99730
Chasse, T. *see* Schomann, S. 83980
Chassery, J.-M. *see* Laurent, C. 80306
Chassiakos, A.G. A new control instrumentation laboratory in engineering technology 60471
Chassot, C., Diaz, M., Lozes, A. From the partial order connection concept to partial order multimedia transport connections 98458
Chastain, M. *see* Arendale, D. 91988
Chasteler, R.M. *see* Schmid, G.J. 120215
Chat-Uthai, C., Ramirez, J.A., Freeman, E.M. An improved constrained quasi-Newton method for the solution of inverse electromagnetic problems 65730
Chat-Uthai, C. *see* Ramirez, J.A. 97002
Chatard, J.P. Sofradir MCT IRFPA new developments 69309
Chatard-Moulin, M. *see* Tantot, O. 69470
Chateigner, D. *see* Noudem, J.G. 106668
Chatel, P.F.de *see* de Chatel, P.F.
Chatelain, J.D. *see* Rahali, F. 89057
Chatenoud, F. *see* Dion, M. 96303
Chatenoud, F. *see* Pratt, A.R. 62914
Chater, R.J. *see* Coccia, L.G. 92868
Chatila, R. *see* Betge-Brezetz, S. 77299
Chatila, R. *see* Hebert, P. 79716
Chato, J.C. *see* Eckburg, J.J. 80411
Chaton, P. *see* Nguyen Van, V. 119898
Chatrian, G.-E., Bergamasco, B., Bricolo, A., Frost, J.D., Jr., Prior, P.F. IFCN recommended standards for electrophysiologic monitoring in comatose and other unresponsive states. Report of an IFCN committee 110854
Chatterjea, A. *see* Alam, M.S. 75628
Chatterjee, A., Deb, G.K. Application of filtering, shielding and grounding techniques for an on-line process controller in a jute mill 76475
Chatterjee, A., Jayabharathi, R., Pant, P., Abraham, J.A. Non-robust tests for stuck-fault detection using signal waveform analysis: feasibility and advantages 104488
Chatterjee, A., Kim, B., Nagi, N. Low-cost DC built-in self-test of linear analog circuits using checksums 95156
Chatterjee, A., Kim, B.C., Nagi, N. DC built-in self-test for linear analog circuits 62492
Chatterjee, A., Nurnberger, M., Volakis, J., Casciato, M. FEMATS: a general-purpose scattering code using the finite element method 107867
Chatterjee, A., Volakis, J.L., Kempel, L.C. Optimization issues in finite element codes for solving open domain 3D electromagnetic scattering and conformal antenna problems 116840
Chatterjee, A. *see* Hunger, G.L. 87502
Chatterjee, A. *see* Kim, B.C. 104972
Chatterjee, A. *see* Kim, B.C. 114484
Chatterjee, A. *see* Mozumder, P.K. 93385
Chatterjee, A. *see* Sasidhar, K. 73905
Chatterjee, A. *see* Sasidhar, K. 94151
Chatterjee, A.K., Konangi, V.K. Asymmetric ATM switch modules with imbalanced traffic 87344
Chatterjee, B., Ringel, S.A. Effect of extended defects on the formation and dissociation kinetics of Zn-H complexes in heteroepitaxial p-type InP layers 94679
Chatterjee, B., Ringel, S.A., Hoffman, R., Jr. Hydrogen passivation of n$^+$p and p$^+$n heteroepitaxial InP solar cell structures 71708
Chatterjee, C., Roychowdhury, V.P. Models and algorithms for a real-time hybrid image enhancement methodology 98320
Chatterjee, I. *see* Subedi, P.C. 97023
Chatterjee, K. *see* Dubey, G.K. 112098
Chatterjee, N. *see* Ghosh, P.S. 115402
Chatterjee, P. A computer analysis of the effect of a wide-band-gap emitter layer on the performance of a-Si:H-based heterojunction solar cells 71706
Chatterjee, S. Realizing a multimedia broadband integrated network 67866
Chatterjee, S., Basu, D. A practical study of EMC-aspect in electronic ballast: an analysis 76487
Chatterjee, S. *see* Becker, J. 121166
Chatterjee, S. *see* Cheenne-Astorino, A. 121213
Chatterjee, S. *see* Parpal, J.-L. 121168
Chatterjee, S.S. *see* Finlayson, G.D. 67276
Chatterjee, T.K. *see* Mittra, D.K. 112653
Chatterjee Deb *see* Deb Chatterjee
Chatterji, B.N. *see* Dasgupta, B. 87192
Chatterji, B.N. *see* Jagdish, S. 77220
Chatterji, B.N. *see* Kumar, M. 98233
Chatterji, B.N. *see* Reddy, B.S. 87209
Chatterji, G.B., Sridhar, B. Discrete range clustering using Monte Carlo methods 120621
Chattle, M.V. *see* McEvoy, H.C. 119524
Chattopadhyay, A. *see* Seeley, C.E. 95307
Chattopadhyay, A.B. *see* Venkata Ratnam, K. 112010
Chattopadhyay, A.K. *see* Chakraborty, C. 111959
Chattopadhyay, A.K. *see* Chakraborty, C. 111981
Chattopadhyay, A.K. *see* Das, S.P. 112448
Chattopadhyay, A.K. *see* Das, S.P. 121992
Chattopadhyay, A.K. *see* SenGupta, S. 111996
Chattopadhyay, C. *see* Bhattacharjee, S. 73196
Chattopadhyay, D. *see* Ghosh, P.K. 105396
Chattopadhyay, D. *see* Ghosh, P.K. 105437
Chattopadhyay, D. *see* Majumdar, S. 70713
Chattopadhyay, D. *see* Sarkar, S.K. 83923
Chattopadhyay, K.C., Mukherjee, U.K., Samanta, S.K. Fuzzy proximities structures and fuzzy grills 60859
Chattopadhyay, P. Capacitance technique for the determination of interface state density of metal-semiconductor contact 114802
Chattopadhyay, P., Das, K. The origin of aging in Al-SiO$_2$-Si tunnel diodes 115146
Chattopadhyay, P., Pal, J., Majumdar, L., Sanyal, S., Ray, M. Temperature dependence of threshold voltage of metal-semiconductor field effect transistors in the presence of an uneven distribution of interface and bulk states 84461
Chattopadhyay, S. Experimental techniques in high spin spectroscopy 90161
Chattopadhyay, S., Mitra, S., Pal Chaudhuri, P. Cellular automata based architecture of a database query processor 93498
Chattopadhyay, S. *see* Aggarwal, M.M. 69839
Chattopadhyay, S. *see* Kwok, P. 89918
Chattopadhyay, S. *see* Nandi, S. 93320
Chattopadhyay, S. *see* Sasidhar, K. 117154
Chattopadhyay, S. *see* Westenskow, G. 83757
Chattopadhyay, S.N. *see* Singh, J.S. 106095
Chaturvedi, A., Rani, U. Fixed-width confidence interval estimation of the inverse coefficient of variation in a normal population 92426
Chaturvedi, A., Tiwari, N., Pandey, S.K. Multi-stage point estimation of the common location parameter of several exponential distributions 60714
Chaturvedi, G.J. *see* Chandra, I. 104843
Chaturvedi, P., Insana, M.F. Autoregressive spectral estimation in ultrasonic scatterer size imaging 80367
Chaturvedi, P., Plumb, R.G., Huang, Z., Demarest, K.P. Three-dimensional electromagnetic imaging of dielectric scatterers 97040
Chaturvedi, S.K. Multimedia: applications and technologies 78171
Chatwin, C. *see* Wang, R.K. 117205
Chatwin, C.R. *see* Budgett, D.M. 98289
Chatwin, C.R. *see* Sharp, J.H. 75403
Chatwin, C.R. *see* Wang, R.K. 117576
Chatziioannou, A. *see* Dahlbom, M. 101111
Chatziioannou, A. *see* Min-Jen Tsai 90443
Chatzipapadopoulos, F., Georgantas, N., Kotaras, A., Mamais, G., Tombros, S., Tselikis, G. A novel tele-medical environment appropriate for use in tele-advisory and tele-surgery cases 120478
Chatzis, V., Pitas, I. Select and split fuzzy cell Hough transform–a fast and efficient method to detect contours in images 117703
Chau, A., DeBusschere, D., Dow, S., Flasck, J., Levi, M.E., Kirsten, F., Su, E., Santos, D.M. A multi-channel time-to-digital converter chip for drift chamber readout 100936
Chau, A., DeBusschere, D., Dow, S.F., Flasck, J., Levi, M.E., Kirsten, F., Su, E., Santos, D.M. A multi-channel time-to-digital converter chip for drift chamber readout 90219
Chau, C.W. *see* Kwong, S. 108218
Chau, H.F. *see* Beam, E.A., III 103946
Chau, K.T. *see* Chan, C.C. 71755
Chau, N.H., Gardell, J.D., Patel, S.C. Upgrading and enhancing the generator protection system by making use of current digital systems 91431
Chau, N.H., Gardell, J.D., Patel, S.C. Upgrading and enhancing the generator protection system by making use of current digital systems 102380
Chau, P.M. *see* Bendak, M.B. 118503
Chau, P.M. *see* Hamada, T. 93220
Chau, S.-P. *see* Brehmer, D.E. 63561
Chau, S.N., Reh, K.R., Cox, B., Barfield, J.N., Lockhart, W.L., McLelland, M.L. A multi-mission space avionics architecture 80566
Chau, T. *see* Azzazy, M. 69098
Chau, Y.A., Ji-Ten Sun Diversity with distributed decisions combining for direct-sequence CDMA in a shadowed Rician-fading land-mobile satellite channel 68106
Chau, Y.A., Shee, J.-C. Multiresolution sequential image change detection with wavelets 86502
Chau, Y.A., Wang, Y.-K. Performance analysis of spectral-estimation-based acquisition for frequency-hopping signaling on fading mobile channels 99391
Chau Lap-Pui *see* Lap-Pui Chau
Chau Pak *see* Pak Chau
Chau-Hwang Lee, Jyhpyng Wang, Yuh-Fwu Chou Femtosecond transform-limited Kerr-lens mode-locked dye lasers 116393
Chau-Shen Chen, Kuang-Hui Lin, Ting Ting Hwang Layout driven selecting and chaining of partial scan flip-flops 83072
Chau-Tan Huang *see* Chung-Wei Ku 108986
Chaua, R., Maple, M.B., Nellis, W.J. Shock compaction of SmCo$_5$ particles 84793
Chaubet, M. *see* Mollier, J.C. 79415
Chauchin Su, Shyh-Jye Jou, Yuan-Tzu Ting Decentralized BIST for 1149.1 and 1149.5 based interconnects 72243
Chaud, X. *see* Tixador, P. 95615
Chaudhary, A. *see* Gupta, R. 60718
Chaudhary, A.K. *see* Bhar, G.C. 65507
Chaudhary, A.K. *see* Bhar, G.C. 116655
Chaudhary, V. *see* Reimann, D.A. 101345
Chaudhry, A.J. Classical IP: IP over ATM architecture for ATM networks 87730

Chaudhry, M.A. Design optimisation of integrated circuit thin-film resistors with slits and curved boundaries 62375
Chaudhry, M.A., Temme, N.M., Veling, E.J.M. Asymptotics and closed form of a generalized incomplete gamma function 61083
Chaudhry, M.I. *see* Krishnan, S. 74524
Chaudhry, M.L., Gupta, U.C., Templeton, J.G.C. On the relations among the distributions at different epochs for discrete-time GI/Geom/1 queues 60796
Chaudhry, M.S. *see* Simeonidou, D. 78682
Chaudhry, S., Thompson, R.H., Jones, K.S., Law, M.E. A two-dimensional model for strain from dislocation loops in ion-implanted silicon 63254
Chaudhry, Z. *see* Lalande, F. 82812
Chaudhuri, A. *see* Das, P.K. 120533
Chaudhuri, A.K. *see* Rao, T.S. 85256
Chaudhuri, A.R., Parui, S.K., Chaudhuri, B.B. Extraction of perceptual border of dot pattern 87045
Chaudhuri, A.R., Parui, S.K., Chaudhuri, B.B. Computing the shape of a dot pattern in digital images in parallel environment 97946
Chaudhuri, B.B., Rosenfeld, A. On a metric distance between fuzzy sets 113138
Chaudhuri, B.B. *see* Chaudhuri, A.R. 87045
Chaudhuri, B.B. *see* Chaudhuri, A.R. 97946
Chaudhuri, B.B. *see* Pal, U. 86952
Chaudhuri, B.B. *see* Saha, P.K. 67407
Chaudhuri, J., Thokala, R., Edgar, J.H., Sywe, B.S. X-ray double crystal and X-ray topographic characterization of silicon carbide thin films on silicon, titanium carbide, 6H-silicon carbide, and aluminum nitride/sapphire substrates 83880
Chaudhuri, J.C. *see* Steckl, A.J. 103993
Chaudhuri, P.K. *see* Sarkar, A.K. 82474
Chaudhuri, P.P. *see* Bhattacharjee, S. 73196
Chaudhuri, P.P. *see* Sasidhar, K. 117154
Chaudhuri, P.Pal *see* Pal Chaudhuri, P.
Chaudhuri, S., Karandikar, S.S. Recursive methods for the estimation of rotation quaternions 67048
Chaudhuri, S., Walker, R.A. Computing lower bounds on functional units before scheduling 61569
Chaudhuri, S. *see* Basu, M. 105117
Chaudhuri, S. *see* Deshpande, S.G. 87077
Chaudry, S., Sheikh, A.U. Integration of multirate services using CDMA in an overlaid cellular system 88307
Chaughule, R.S. *see* Puvvada, R. 120321
Chauhan, S.K. *see* Singh, V.R. 120445
Chaumas, P. *see* Delage, S.L. 62341
Chaumas, P. *see* Telliez, I. 62343
Chaumette, E., Muller, D., Comon, P. ICA-based technique for radiating sources estimation: Application to airport surveillance 68612
Chaumette, F. *see* Bensalah, F. 97996
Chaumette, F. *see* Khadraoui, D. 117565
Chaumette, F. *see* Marchand, E. 86378
Chaumette, P. *see* Ball, J. 120096
Chaumont, C. *see* Hornung, V. 96062
Chaun Gi Choi *see* Kwangsoo No 75036
Chaung, J.M., Hu, S.Z. Numerical computation of Muskhelishvili's integral equation in plane elasticity 61075
Chaur Ching Yeh *see* Pai-Ning Hung 121011
Chaur-Heh Hsieh, Jyi-Chang Tsai Lossless compression of VQ index with search-order coding 117850
Chaur-Heh Hsieh *see* Chung-Ming Kuo 87187
Chaur-Jou Yueh *see* Tsorng-Lin Chia 87211
Chausse, E., Gisin, N., Zimmer, C. POTDR, depolarization and detection of sections with large PMD 64698
Chaussky, A.A. *see* Ryabukho, V.P. 116798
Chaussy, J. *see* Ayela, F. 64545
Chaussy, J. *see* Dauguet, P. 79642
Chaussy, J. *see* Dauguet, P. 100270
Chaussy, J. *see* Dieny, B. 75205
Chautard, F. *see* Bossart, R. 89668
Chauveau, T. *see* Silva, F. 72923
Chauvel, D. *see* Delabie, C. 62182
Chauvenet, B. *see* Bouchard, J. 80130
Chauvenet, B. *see* Bouchard, J. 100929
Chauvet, J.-M. ORB spiders on the Web 118317
Chauvet, J.P. *see* Souteyrand, E. 119780
Chauvet, M., Hawkins, S.A., Salamo, G.J., Segev, M., Bliss, D.F., Bryant, G. Self-trapping of planar optical beams by use of the photorefractive effect in InP:Fe 107606
Chauvet, M., Hawkins, S.A., Salamo, G.J., Segev, M., Bliss, D.F., Bryant, G. Self-induced trapping of optical beams in semiconductors 116652
Chauvet, M. *see* Herve, D. 64885
Chavada, F.R. *see* Gandotra, V.K. 104005
Chavada, F.R. *see* Kumar, S. 104076
Chavan, A.V., Stringfellow, D.W., Mallarapu, S.R., Ardeishar, R. A CMOS mixed-signal integrated circuit having a reduced vector set and closed-loop analog test architecture 114144
Chavan, S.T., Virdi, G.S., Bhoraskar, V.N. Study of lifetime of minority carriers in phosphorous and boron ion implanted n-type silicon 105599
Chavand, F. *see* Berthouze, L. 86380
Chavanne, J., Elleaume, P., Van Vaerenbergh, P. Segmented high quality undulators 89789
Chavarkar, P.M. *see* Parikh, P.A. 84611
Chavarkar, P.M. *see* Yen, J.C. 61798
Chavarkar, P.M. *see* Yen, J.C. 115370
Chavarria, P.A.C., Araujo, W.F. Impulse and DC breakdown tracks of air in point-plane gaps 64066
Chavda, P.H. *see* Anbarasu, R. 111984
Chavel, P. Impact of optics on computing systems: from optical interconnects to dedicated optoelectronic machines 64844
Chavel, P. *see* Dupret, A. 62118
Chavel, P. *see* Dupret, A. 75774
Chavel, P. *see* Laude, V. 116177
Chavel, P. *see* Miller, J.M. 105828
Chavel, P. *see* Premont, G. 108492
Chaves, I. *see* Dinis, M. 109419
Chaves, M.B.F., Migliora, C.G., Barbosa, H.J.C. Comparative performance of the reduced integration penalty approach for removing spurious FE solutions of dielectric waveguides 93674
Chavez, A., Maes, P. Kasbah: an agent marketplace for buying and selling goods 87841
Chavez, J. *see* Torralba, A. 73046
Chavez, J. *see* Torralba, A.J. 93068
Chavez, J.A., Ortega, J.A., Perez, M.A., Garcia, M.J. Low-cost and minimal conditioning interface for a PbSe photoconductor array [for pollutant detection] 110155
Chavez Alarcon, E. *see* Lopez Callejas, R. 99845
Chavez-Pirson, A., Ando, H., Saito, H., Kobayashi, N., Kanbe, H. Rapid relaxation of hot carriers in GaAs fractional-layer superlattice quantum wires 83926
Chaw Koh Yong, Rockett, P.I. A modular high order neural network for vision inspection 97990
Chawki, M.J., Tholey, V., Le Gac, I., Berthou, L. Management protocol of a reconfigurable WDM ring network using SDH overhead bytes 88577
Chawla, K. *see* Nanda, S. 88339
Chawla, M.M., Evans, D.J. Parallel Householder method for linear systems 72739
Chawla, M.M., Khazal, R.R. Parallel elimination in partitioned tridiagonal systems 72638
Chaya, S. *see* Hirano, H. 93366
Chayahara, A. *see* Mokuno, Y. 100388
Chayanov, B.A. *see* Lazarev, V.V. 106315
Chazalviel, J.-N. *see* Dubin, V.M. 62690
Chazelas, J. *see* Dolfi, D. 66152
Chbat, M., Artigaud, S., Le Lourec, P., Leroy, N., Beylat, J.-L. Analysis of link architectures for multiwavelength (N×10 Gbit/s) transmission in terrestrial networks 78716
Chbat, M. *see* Artigaud, S. 88597
Chbat, M. *see* Artigaud, S. 88650
Chbat, M. *see* Penninckx, D. 68501
Chbat, M. *see* Penninckx, D. 78714
Chbat, M. *see* Penninckx, D. 88512
Chbat, M.W. *see* Butler, D.L. 65513
Chbat, M.W. *see* Saxena, S. 95904
Che, F.N., Fairhurst, M.C., Wells, C.P., Hanson, M. Evaluation of a two-stage model for detection of abnormalities in digital mammograms 80331
Che Guangcan *see* Wang Cong 75309
Che Keong Chong *see* Chong Che Keong
Che Woo Seong *see* Woo Seong Che
Che Xiaodong *see* Xiaodong Che
Che Yanlong *see* Yanlong Che
Che Young Kim, Baek Ho Jung, Jee Yeon Park, Jin Dam Mok A method of extending the number of ray paths to predict the characteristics of LOS propagation in an urban microcell 88144
Che Young Kim *see* Kwang Wook Jung 76607
Che-Chih Tsao, Jyhshing Chen Moving screen projection: a new approach for volumetric three-dimensional display 89242
Che-Ho Wei *see* Der-Zheng Liu 109569
Che-Ho Wei *see* Jui-Yuan Lin 64464
Che-Ho Wei *see* Meng-Han Hsieh 67109
Che-Ho Wei *see* Yei-Chung Lee 75267
Che-Hsien Tsai *see* Jian-Liang Chen 118261
Che-Liang Yang, Yu, J. UPT demo on integrated wireline and wireless testbed 68257
Che-Ming Fu, Ming-Tong Chen The characteristics of fluorescent lamps under problematic utility voltage 71896
Cheah, H.Y. *see* Donohue, K.D. 104211
Cheah, K.-L. *see* Cheng, T.-H. 67525
Cheah, K.L., Li, K.H. Optimising processing gains in cellular CDMA 99216
Cheah, R.S.-S., Lee, F.B.-S., Lim, R.L. MMS environment on ISODE [computer-integrated manufacture] 67761
Chearkaoui, K. *see* Fornari, R. 94370
Chebakov, I.A. *see* Grinev, A.Iu. 66163
Chebanov, V.B. *see* Leznov, B.S. 103199
Chebaro, T. Capacity evaluation of a frequency hopped TDMA cellular radio system 68134
Chebira, N. *see* Madani, K. 102736
Chebotaev, V.P. *see* Bagaev, S.N. 116349
Chebotarev, A.P., Kremser, C., Gornik, E., Voronova, I.D., Nikitin, A.P. Submillimeter spectroscopy of residual photoconductivity and magnetoresistance in PbSnTe(In) 100016
Chebotarev, G.D. *see* Latush, E.L. 116377
Chebotarev, K.E. *see* Podlaskin, B.G. 67331
Cheburkin, N.V. *see* Baryshnikov, F.F. 96440
Cheburkin, N.V. *see* Baryshnikov, F.F. 96575
Cheburkin, N.V. *see* Baryshnikov, F.F. 116578
Checchi, J.C. *see* Rand, J.A. 112358
Checchin, P. *see* Trassoudaine, L. 117654
Chechik, R., Breskin, A., Frumkin, I., Gabriel, A., Kocsis, M. Real-time secondary electron emission detector for high-rate X-ray crystallography 80151
Chechik, R. *see* Breskin, A. 94209
Chechik, R. *see* Buzulutskov, A. 62560
Chechik, R. *see* Buzulutskov, A. 62649
Chechik, R. *see* Di Mauro, A. 62558
Chechik, R. *see* Malamud, G. 69825
Chechurin, V., Plaks, A. The procedure of optimization of magnetic structure 64187
Chechurin, V. *see* Plaks, A. 107715
Checksfield, M.J., Redfern, M.A. Assessment of embedded generator stability when connected to a HV utility distribution system 91476
Cheded, L. On a class of signals and its application to quantization and exact moments recovery 97710
Chedid, R., Curley, A.J. Axi-symmetric finite element modelling of induction machine end-regions 71294
Chedid, R., Najjar, N. Automatic finite-element mesh generation using artificial neural networks–Part I: Prediction of mesh density 103798
Chedid, R., Saliba, Y. Optimization and control of autonomous renewable energy systems 91014
Chedid, R. *see* Chaaban, F.B. 121451
Chedin, A. *see* Stubenrauch, C.J. 90800
Chedin, A. *see* Stubenrauch, C.J. 90801
Chee, L.Y. *see* Naem, A.A. 84225
Chee Kiang Yew *see* Yew Chee Kiang
Chee Meng Low *see* Low Chee Meng
Chee Seng Tang, Chin Leonard Using multi-layer percetron fuzzy adaptive filter in non-linear channel equalisation 77002
Chee Sun Won Gibbs sampler and maximum likelihood estimation for unsupervised image segmentations 87054
Chee Sun Won, Yoonsik Choe Image block classification using stochastic image segmentation 98058
Chee Yee Kwok *see* Mehrvarz, H.R. 93623
Chee-Sun Won *see* Shin, J. 88076
Chee-Wai Cheng, Das, I.J. Dosimetry of high energy photon and electron beams with CEA films 90666
Chee-Yee Kwok *see* Kwang-Ming Lin 74854
Cheeha Kim *see* Jaehong Park 77658
Cheeha Kim *see* Jaehong Park 108789
Cheeha Kim *see* Koohong Kang 77614
Cheeha Kim *see* Koohong Kang 108788
Cheeha Kim *see* Tae-Keun Park 98887
Cheeke, J.D.N., Li, X., Wang, Z. Characteristics of circumferential waves in thin walled tube acoustic devices 106458
Cheeke, J.D.N. *see* Viens, M. 110083
Cheeke, J.D.N. *see* Zuoqing Wang 110082
Cheeks, T. *see* Hirata, G.A. 82717
Cheeks, T.L. *see* Yi, J.Y. 64272
Cheenne-Astorino, A., Chatterjee, S. Cold shrinkable technology for medium voltage cable accessory 121213
Cheese, J., Whelan, B. A process view of technology management–implications for R&D 72156
Cheese, J.J., Fairbanks, M. Telematics transfers from air to road transport 91918
Cheetham, A. *see* Duffey, B. 112081
Cheetham, B.M.G. *see* Tang, K.W. 76885
Cheevasuvit, F., Dejhan, K., Mitatha, S., Sumonwattanadej, B. Resolution increasing of image acquisition system using two flash A/D converters 86879
Cheevasuvit, F. *see* Panusopone, K. 98121
Cheever, E. *see* Mirotznik, M.S. 66032
Cheever, E.A. *see* Rovner, A.L. 80413
CheeYee Kwok *see* Kwang Ming Lin 69023
Chegnova, O.I. *see* Bashkin, M.O. 72934
Cheh-Ming Liu, Sovero, E.A., Rutledge, D.B. 40 GHz monolithic grid amplifier 62334
Cheh-Ming Liu, Sovero, E.A., Wu Jing Ho, Higgins, J.A., De Lisio, M.P., Rutledge, D.B. Monolithic 40-GHz 670-mW HBT grid amplifier 93876
Cheh-Ming Lju *see* De Lisio, M.P. 93791
Chehab, J.-P. Solution of generalized Stokes problems using hierarchical methods and incremental unknowns 72667
Chehab, R., Bernard, M., Bourdon, J.C., Garvey, T., Jacquemard, B., Mencick, M., Mouton, B., Omeich, M., Rodier, J., Roudier, P., Saury, J.L., Taurigna-Quere, M., Thiery, Y., Aune, B., Desmons, M., Fusellier, J., Gougnaud, F., Gournay, J.F., Jablonka, M., Joly, J.M., Juillard, M., Lussignol, Y., Mosnier, A., Phung, B., Buhler, S., Junquera, T. Progress in the study and construction of the TESLA test facility injector 89714
Cheikh, A.B., Girard, A. Pricing and design of B-ISDN networks 67860
Chein-Hua Tuan *see* Wen-Ying Chang 81514
Chein-Wei Jen *see* Chia-Hsing Lin 109279
Chein-Wei Jen *see* Hwan-Rei Lee 114093
Chein-Wei Jen *see* Jinn-Wang Yeh 104608
Chekalin, S.V. *see* Dement'ev, D.A. 65572
Chekanov, A. *see* Liu, B. 115694
Chekanov, A.S., Low, T.S., Alli, S. A study of the microcracks on the alumina of the thin-film head 75268
Chekanov, A.S., Low, T.S., Alli, S., Agarwal, S., Smith, S. An AFM study of environmental contaminants and lubricant morphology on the magnetic hard-disk surface 115745
Chekanov, A.S., Low, T.S., Alli, S., Kolosov, O., Briggs, A. Microcracks of the thin-film head alumina: "L" cracks and "U" cracks 115697
Chekmasov, M.V. *see* Zhigljavsky, A.A. 60887
Chekulaev, E.A. *see* Podlaskin, B.G. 67331
Chekulaev, S.V. *see* Braunschweig, W. 120173

Chelakara, R.V. *see* Anselm, K.A. 64936
Chelakara, R.V. *see* Grudowski, P.A. 84393
Chelakara, R.V. *see* Murtaza, S.S. 79432
Chelakara, R.V. *see* Murtaza, S.S. 116238
Chelberg, D.M. *see* Henstock, P.V. 67089
Chelberg, D.M. *see* Hsu, J. 119805
Chelbi, A., Ait-Kadi, D. Joint inspection and replacement policy for randomly failing equipment 92299
Chelcea, T., Loan, D. A hierarchy of classes for the finite element method 107697
Chelehmal, M. *see* Kar, M.L. 88827
Chelette, T.L., Repperger, D.W., Phillips, C.A. Pattern recognition of spastic motion 70258
Chelikowsky, J. *see* Saad, Y. 103755
Chelkov, G.A. *see* Boyko, I.R. 79996
Chellali, R. *see* Bosch, T. 109800
Chellamuthu, C. *see* Dananjayan, P. 112097
Chellamuthu, C. *see* Reddy, S.R. 112137
Chellapilla, K. *see* Rao, S.S. 108288
Chellappa, R., Krishnamachar, S., Davis, L., Sobieski, J., Parulekar, R., Harwood, D., Townshend, J. High performance computing for image classification 98329
Chellappa, R., Kuttikkad, S., Meth, R., Burlina, P., Shekhar, C. Model supported exploitation of synthetic aperture radar images 66872
Chellappa, R. *see* Aloimonos, Y. 67467
Chellappa, R. *see* Burlina, P. 67716
Chellappa, R. *see* Burlina, P. 77329
Chellappa, R. *see* Burlina, P. 86789
Chellappa, R. *see* Burlina, P. 117828
Chellappa, R. *see* Liu, H. 67288
Chelniy, A.A. *see* Polyakov, A.Y. 83905
Chelniy, A.A. *see* Polyakov, A.Y. 92843
Chelnokov, M.L. *see* Malyshev, O.N. 90241
Chelnokov, V.E. *see* Andreev, A.N. 103981
Chelnokov, V.E. *see* Ivanov, P.A. 104055
Chelnokov, V.E. *see* Lebedev, A.A. 105301
Chelnokov, V.E. *see* Ortolland, S. 114694
Chelnokov, V.E. *see* Rastegaeva, M.G. 105742
Chelny, A.A., Zalevsky, I.D., Bulaev, P.V., Kobyakova, M.Sh. High power laser diodes at wavelength 1.06 μm grown by MOCVD 96314
Chelouche, M. *see* Guttich, U. 88235
Chemat, F., Poux, M., di Martino, J.-L., Berlan, J. An original microwave-ultrasound combined reactor suitable for organic synthesis: application to pyrolysis and esterification 62222
Chemeris, V.T., Petuhov, I.S. Modelling of nonstable 2D current and temperature coupled distribution in conducting tires in the place of sharp bend 97008
Chemeris, V.T., Petuhov, I.S. The finite element analysis in the compression generator characteristics calculation under saturation of iron core 102636
Chemikov, S.V., Guy, M.J., Taylor, J.R., Moodie, D.G., Kashyap, R. Compression of pulses generated by an electroabsorption modulator at 10 GHz 116116
Chemishkian, S. Conforming design of robust multivariable control with DC/AC convertor example 71476
Chemkha, H., Rioux-Damidau, F. A fast and accuracy model for eddy currents in thin shells 107789
Chemla, D.S. *see* Bar-Ad, S. 114647
Chemla, D.S. *see* Mycek, M.-A. 76268
Chen, A., McDanell, R., Boytim, M., Pogue, R. Modified CORDIC demodulator implementation for digital IF-sampled receiver 78520
Chen, A. *see* Conrad, J.R. 63249
Chen, A.C. *see* Dua, P. 114760
Chen, A.C. *see* Malin, J.I. 94507
Chen, A.E. *see* Anticic, T. 90166
Chen, A.E. *see* Chang, Y.H. 90144
Chen, A.L.P. *see* Kuo, T.C.T. 108604
Chen, A.M. *see* Beaven, S.G. 108553
Chen, A.S., Lo, R.H.Y. Highly thermally conductive, low stress molding compounds 112940
Chen, A.S. *see* Nguyen, L.T. 112963
Chen, A.Xin *see* Xin Chen, A.
Chen, B., Hoberock, L.L. Machine vision recognition of fuzzy objects using a new fuzzy neural network 77450
Chen, B. *see* Fang, S.X. 79896
Chen, B. *see* Mike Tien-Chien Lee 83079
Chen, B.-H. *see* Cheng, K.-S. 110848
Chen, B.-S., Lin, C.-W. Optimal deconvolution filter design under parameters perturbation in transmission channels 62028
Chen, B.A., Yapsir, A.S., Wu, S., Schulz, R., Yee, D.S., Sadana, D.K., Hovel, H.J., Ning, T.H., Shahidi, G., Davari, B. 0.25 μm low power CMOS devices and circuits from 8 inch SOI materials 84579
Chen, B.H., Thomopoulos, S.C.A., Ching-Fang Lin Feature estimation and objects extraction using Markov random field modelling 98202
Chen, B.M., Lee, T.H., Hang, C.C., Guo, Y., Weerasooriya, S. An H_∞ almost disturbance decoupling robust controller design for a piezoelectric bimorph actuator with hysteresis 84727
Chen, B.Y., Wu, H.C., Kuo, J.B. A 2D simulation study on the d.c. and transient behaviour of a SiGe-base heterojunction bipolar device with an extended germanium profile into the n-epi region with application to an ECL buffer 74709
Chen, C. *see* Berseth, W. 85202
Chen, C. *see* Fink, Y. 110512
Chen, C. *see* Gotz, W. 74146
Chen, C. *see* Naulleau, P. 99471
Chen, C.-C. *see* Eisele, H. 83371
Chen, C.-C. *see* Feggeler, J.C. 78683
Chen, C.-C. *see* Feggeler, J.C. 88591
Chen, C.-C. *see* Lin, C.-W. 98805
Chen, C.-C. *see* Lin, M.-T. 99016
Chen, C.-C. *see* Tian, J. 87168
Chen, C.-F. *see* Kuo, C.-H. 77391
Chen, C.-H. *see* Hu, E.L. 94808
Chen, C.-I. *see* Hsu, I. 100592
Chen, C.-J., Lien, A., Nathan, M.I. 4×4 matrix method for biaxial media and its application to liquid crystal displays 116126
Chen, C.-J. *see* Lien, A. 116125
Chen, C.-M., Tarng, J.H. Development of a new radiated emission compliance measurement at TL 97200
Chen, C.-T., Chen, L.-G., Hsiao, J.-H. A block processing of the running order algorithm for order statistic filters 97860
Chen, C.-T., Lee, T.-S. Range estimation in a mobile environment via beam space cyclic correlation matching 99397
Chen, C.-T. *see* Aarsvold, J.N. 110700
Chen, C.-T. *see* Hudson, R. 98284
Chen, C.-T. *see* Kao, C.-M. 101152
Chen, C.-T. *see* Mintzer, R.A. 101258
Chen, C.-T. *see* Pan, X. 101328
Chen, C.-T. *see* Shih, W.-S.V. 110758
Chen, C.-T. *see* Wernick, M.N. 101330
Chen, C.-T. *see* Xu, B. 101326
Chen, C.-Z. *see* Tian, J. 87168
Chen, C.C. *see* Anderson, H.U. 81787
Chen, C.D., Cheng, C.W., Wang, L. Characteristics of broadband Er-doped superfluorescent fiber sources pumped near 980 nm 96156
Chen, C.D. *see* Delavaux, J.-M.P. 68520
Chen, C.D. *see* Haviland, D.B. 95460
Chen, C.D. *see* Park, Y.K. 78685
Chen, C.D. *see* Wang, L.A. 107152
Chen, C.F. *see* Ku, T.K. 62573
Chen, C.H., Chen, L.H., Wang, Q.M. Coupling coefficients of gain-coupled distributed feedback lasers with absorptive grating 85512
Chen, C.H., Lee, G.G. Multiresolution wavelet analysis based feature extraction for neural network classification 108610
Chen, C.H., Lee, J.Y., Yang, W.H., Chang, C.M., Sun, Y.N. Segmentation and reconstruction of prostate from transrectal ultrasound images 110791
Chen, C.H., Liu, H., Steigerwald, D., Imler, W., Kuo, C.P., Craford, M.G., Ludowise, M., Lester, S., Amano, J. A study of parasitic reactions between NH_3 and TWGa or TMAl 92710
Chen, C.H. *see* Chen, W.D. 105467
Chen, C.H. *see* Golovlyov, V.V. 65418
Chen, C.H. *see* Lam, T.S. 86827
Chen, C.H. *see* Mao, S.-G. 97283
Chen, C.H. *see* Rajeswari, M. 75128
Chen, C.H. *see* Sun, S.C. 84150
Chen, C.H. *see* Suzuki, F. 75184
Chen, C.H. *see* Suzuki, Y. 75164
Chen, C.H. *see* Van Slyke, S.A. 116245
Chen, C.H. *see* Wang, J.W. 117461
Chen, C.H. *see* Werder, D.J. 74613
Chen, C.H.Winston *see* Winston Chen, C.H.
Chen, C.J., Chang, L., Lin, T.S., Chen, F.R. Microstructural evolution of diamond/Si(100) interfaces with pretreatments in chemical vapor deposition 74328
Chen, C.J., Kurdak, C., Tsui, D.C., Choi, K.K. Separation of partition noise from generation-recombination noise in a three-terminal quantum well infrared photodetector 69118
Chen, C.J. *see* Chang, L. 72829
Chen, C.J. *see* Jensen, R.A. 78686
Chen, C.J. *see* Lee, H. 66449
Chen, C.J. *see* Liu, C.S. 64336
Chen, C.J. *see* Liu, C.S. 115597
Chen, C.L. Symbol error correcting codes for memory applications 97440
Chen, C.L., Curran, B.W. Switching codes for delta-I noise reduction 117155
Chen, C.L., Mahoney, L.J., Brown, E.R. InP-based self-aligned normally-off superlattice-insulated-gate field-effect transistor 104851
Chen, C.L., Mahoney, L.J., Nichols, K.B., Brown, E.R., Gramstorff, B.F. Self-aligned p-channel MISFET with a low-temperature-grown GaAs gate insulator 94971
Chen, C.L., Mahoney, L.J., Nichols, K.B., Manfra, M.J., Brown, E.R., Nitishin, P.M., Molvar, K.M., Gramstorff, B.F., Murphy, R.A. Effects of low-temperature-grown GaAs and AlGaAs on the current of a metal-insulator-semiconductor structure 84013
Chen, C.M. *see* Shan, Q. 101583
Chen, C.M. *see* Tan, M. 80505
Chen, C.M. *see* Ying, T.F. 71373
Chen, C.S., Hsu, C.T. The simplified linear model derivation of power systems with static VAr compensators to improve system damping 101893
Chen, C.S., Hwang, J.C. Design of load survey system to identify customer load patterns 102328
Chen, C.S., Hwang, J.C., Tzeng, Y.M., Huang, C.W., Cho, M.Y. Determination of customer load characteristics by load survey system at Taipower 91070
Chen, C.S. *see* Chia, W.M. 104233
Chen, C.S. *see* Chia, W.M. 110499
Chen, C.S. *see* Cho, M.Y. 80957
Chen, C.S. *see* Cho, M.Y. 102117
Chen, C.S. *see* Tzeng, Y.M. 112630
Chen, C.S. *see* Young, T.F. 63090
Chen, C.T. *see* Lee, C.H. 61325
Chen, C.T. *see* Randall, K.J. 89635
Chen, C.T. *see* Stacy, T. 94602
Chen, C.W., Chen, L., Parker, K.J. A cellular neural network architecture for Gibbs random field-based image segmentation 87157
Chen, C.W. *see* Chen, L. 90459
Chen, C.W. *see* Luo, J. 90273
Chen, C.W. *see* Robertson, J. 106356
Chen, C.W. *see* Sun, Z. 97868
Chen, C.W. *see* Tamez-Pena, J.G. 90456
Chen, C.W. *see* Xing, Q.J. 63229
Chen, C.Y. *see* Shi-Dong Liang 83948
Chen, C.Y.R., Meliksetian, D.S., Liu, L.J., Chang, M.C.S. Techniques for video indexing 68914
Chen, C.Y.R. *see* Carlson, B.S. 95191
Chen, C.Y.R. *see* Huse, S.M. 109059
Chen, C.Y.R. *see* Lee, M. 98443
Chen, C.Y.R. *see* Lee, M. 98444
Chen, C.Y.R. *see* Sehgal, N.K. 104265
Chen, D. Fast ambiguity resolution approach for precise rapid static and kinematic positioning 88774
Chen, D., Harris, J.G., Laine, A.F. Automatic scale detection 90457
Chen, D. *see* Bashir, R. 63902
Chen, D. *see* Flack, W.W. 115074
Chen, D. *see* Jackson, G. 100728
Chen, D. *see* Luchka, K. 90595
Chen, D. *see* Tang, X. 106494
Chen, D. *see* Watanabe, H. 93483
Chen, D.-X., Skumryev, V., Coey, J.M.D. Domain-wall dynamics in aligned bound Sm_2Fe_{17} 84791
Chen, D.C., Sheu, B.J., Chou, E.Y. A neural network communication equalizer with optimized solution capability 108360
Chen, D.C. *see* Chien-Chang Chen 117544
Chen, D.Cheng-Hsiung *see* Cheng-Hsiung Chen, D.
Chen, D.J., Chang, M.S., Yang, C.I., Kuo-Lung Ku Multimedia task reliability analysis based on token ring network 87747
Chen, D.L. *see* Ho, C.S. 63642
Chen, D.P., Jen, S., Hartmann, C.S. Resonant modes in coupled resonator filters and the unique equivalent circuit representation 104661
Chen, D.P. *see* Sharif, M.A. 104662
Chen, D.S. *see* Gleskova, H. 63745
Chen, D.S. *see* Ye, P. 121228
Chen, D.Y. *see* Dongbing Zhang 121738
Chen, D.Y. *see* Lin, M.-S. 81994
Chen, D.Y. *see* Lio, J.-B. 102819
Chen, D.Y. *see* Mu-Shen Lin 103151
Chen, D.Y. *see* Ting Guo 71492
Chen, D.Z., Xiaobo Sharon Hu Efficient approximation algorithms for floorplan area minimization 82869
Chen, E., Chou, S.Y. Wavelength detector using a pair of metal-semiconductor-metal photodetectors with subwavelength finger spacings 99990
Chen, E. *see* Myers, G.K. 67490
Chen, E.I., Holonuak, N., Jr., Ries, M.J. Planar disorder- and native-oxide-defined photopumped AlAs-GaAs superlattice minidisk lasers 75929
Chen, E.I. *see* Evans, P.W. 75940
Chen, E.Y. *see* Pohm, A.V. 75253
Chen, E.Y. *see* Pohm, A.V. 115875
Chen, E.Y. *see* Wang, D. 115648
Chen, F. *see* Tsai, M.J. 117589
Chen, F.-J. *see* Jacobsen, E.R. 69762
Chen, F.D. *see* Liu, W.H. 120556
Chen, F.M., Fang, J.S., Chin, T.S. The effect of carbon on magnetostrictive properties of the $Tb_{0.3}Dy_{0.7}Fe_2$ alloy 115565
Chen, F.R. *see* Bloomberg, D.S. 66883
Chen, F.R. *see* Chang, L. 72829
Chen, F.R. *see* Chen, C.J. 74328
Chen, F.Y., Fang, Y.K., Sun, M.J., Jiann-Ruey Chen Experimental characterization and modeling of a ferroelectric bulk channel field effect transistor with nonvolatile memory characteristics 95305
Chen, G., Davies, A.E. Electric stress computation–a needle-plane electrode system with space charge effects 91170
Chen, G., Shadman, F. Removal of process-generated organic impurities from recycled water in semiconductor fabs 113050
Chen, G. *see* Ahn, T.W. 114141
Chen, G.-L. *see* Chen, Q. 115602
Chen, G.D. *see* Smith, M. 62736
Chen, G.H., Tseng, K.J. Design of wheel motor using Maxwell 2D simulation 81966
Chen, G.H., Tseng, K.J. Design of a permanent-magnet direct-driven wheel motor drive for electric vehicle 122048
Chen, G.H., Wildfeuer, H. A compromise approach for hybrid balancing in using commercial codec/filter 87637
Chen, G.H., Zhai, H.Y., Yang, Q.S. Flux to voltage transfer coefficients and thermal noise in double relaxation oscillation SQUID 106689
Chen, G.L. *see* Kolagunta, V.R. 84314
Chen, G.L. *see* Sze, P.W. 82590

Chen, G.L. *see* Tang, X. 106494
Chen, G.M. *see* Liu, Q. 75682
Chen, G.S., Boothroyd, C.B., Humphreys, C.J. Electron-beam induced crystallization transition in self-developing amorphous AlF$_3$ resists 84254
Chen, G.T.Y. *see* Fontenla, E. 110915
Chen, G.T.Y. *see* Pelizzari, C.A. 69973
Chen, H., Han, P., Huang, X.D., Hu, L.Q., Shi, Y., Zheng, Y.D. Semiconducting Ge-Si-Fe alloy grown on Si(100) substrate by reactive deposition epitaxy 104012
Chen, H., Han, P., Huang, X.D., Zheng, Y.D. Solid phase epitaxy of β-FeSi$_2$ on Si(100) 82610
Chen, H., Tong, J., Hu, Z., Shi, D.T., Wu, G.H., Chen, K.T., George, M.A., Collins, W.E., Burger, A., James, R.B., Stahle, C.M., Bartlett, L.M. Low-temperature photoluminescence of detector grade Cd$_{1-x}$Zn$_x$Te crystal treated by different chemical etchants 114600
Chen, H., White, M.A., Krueger, D.A., She, C.Y. Daytime mesopause temperature measurements with a sodium-vapor dispersive Faraday filter in a lidar receiver 101553
Chen, H. *see* Cui, J.B. 82747
Chen, H. *see* Du, J.F. 95895
Chen, H. *see* Leith, E. 70009
Chen, H. *see* Vu, T.B. 86010
Chen, H. *see* Yeh, C.S. 106050
Chen, H.-C., Chen, J.-F., Liu, M.-F. Novel network diakoptics method for parallel solving the decoupled load flow of a power system 111433
Chen, H.-C. *see* Cheng, K.-T. 93216
Chen, H.-M., Wong, K.-L. Effect of curvature on the characteristics of microstrip gap discontinuities 93692
Chen, H.-M. *see* Yun, D.Y.Y. 109593
Chen, H.-T., Chen, W.-S., Cheng, Y.-T. Cavity-model analysis for radiation characteristics of a probe-fed spherical annular-ring microstrip antenna 97351
Chen, H.D. *see* Gaskey, C.J. 75021
Chen, H.H. *see* Chan, C.H. 100443
Chen, H.H. *see* Sayah, J.Y. 113638
Chen, H.L. *see* Fu, S.W. 111371
Chen, H.N., Hwang, R.Y., Hsu, J.T., Lee, B.J. Plastic-molded package of AlGaInP laser apparatus 96306
Chen, H.R. *see* Wen-Shiung Lour 84460
Chen, H.S. Metallic glasses update 61455
Chen, H.S., Bacon, D.D., Law, H.H., Kammlott, G.W., Wu, T.C. Extraordinary adhesion of a simple niobium metal-bonding structure 74619
Chen, H.S. *see* McCormack, M.T. 83621
Chen, H.S. *see* Werder, D.J. 74613
Chen, H.S. *see* Zhao, J. 93616
Chen, H.Z. *see* Hsiung Chou 69135
Chen, H.Z. *see* Hsiung Chou 95504
Chen, I.-Y. *see* Lin, C.-W. 98805
Chen, J. Minimizing input filter physical size subject to electrical performance constraints [SMPS CAD] 71433
Chen, J., Bhattacharjee, A. Sideband elimination and high efficiencies in a strongly tapered free-electron laser amplifier 96545
Chen, J., Bos, P.J., Johnson, D.L., Bryant, D.R., Li, J., Jamal, S.H., Kelly, J.R. Four-domain twisted nematic liquid crystal display fabricated by reverse rubbed polyimide process 110283
Chen, J., Hong, W. Iterative procedure in matrix form based on MEI for scattering by multi-cylinders 76364
Chen, J., Imasaki, K., Fujita, M., Asakawa, M., Yamanaka, C., Mima, K., Nakai, S. 13 nm advanced SASE free electron laser with a quasi-stable optical klystron configuration 96531
Chen, J., Kuo, C.H., Huang, G., Chen, J.S., Wang, C.J., Hsu, K.T., Jan, G.J. Virtual instrumentation interface for SRRC control system 89940
Chen, J., Nakamura, H., Yamashita, T. Noise properties of YBa$_2$Cu$_3$O$_{7-\delta}$ Josephson devices 64550
Chen, J., Schwartz, M. Two-tier resource allocation for a multimedia micro-cellular mobile system: performance summary 99177
Chen, J. *see* Asakawa, M. 96555
Chen, J. *see* Balivada, A. 62491
Chen, J. *see* Brenizer, J.S., Jr. 110505
Chen, J. *see* Cherabuddi, R.V. 94152
Chen, J. *see* Fujita, M. 96451
Chen, J. *see* Geppert, R. 120141
Chen, J. *see* Hudson, R. 98284
Chen, J. *see* Jan, G.J. 100545
Chen, J. *see* Karunasiri, G. 69146
Chen, J. *see* Liu, Y. 98830
Chen, J. *see* Sivananthan, S. 74169
Chen, J. *see* Wang, C.J. 100578
Chen, J. *see* Wu, Z. 65182
Chen, J. *see* Wu, Z. 85458
Chen, J. *see* Wu, Z. 116499
Chen, J. *see* Xu, B. 101326
Chen, J.-F. *see* Chen, H.-C. 111433
Chen, J.-H., Lu, J.-H., Ouhyoung, M. 3D tracker based 3D reconstruction of cardiac ultrasound images 110790
Chen, J.-H., Tsai, H.-K. The application of automated inspection systems for the fabrication of flat-panel displays 89390
Chen, J.-J.J. *see* Chun-Hui Lai 80181
Chen, J.-J.J. *see* Nan-Ying Yu 80414
Chen, J.-S., Tsou, B.H., Grigsby, S.S. A study on contrast perception in noise 89174
Chen, J.-S., Wong, K.-L. Computation of mutual coupling between cylindrical rectangular microstrip antennas 97349
Chen, J.-T. *see* Ng, B.C. 118964
Chen, J.C., Yang Bing, Kuo, L.H., Salamanca-Riba, L., Semendy, F., Bambha, N. Very low defect density ZnSe grown on GaAs by atmospheric pressure metal organic chemical vapor deposition 92719
Chen, J.C. *see* Chulhun Seo 116974
Chen, J.C. *see* Huang, Z.C. 89108
Chen, J.C. *see* Lee, K.-J. 105164
Chen, J.C. *see* Woo-Young Choi 116495
Chen, J.C. *see* Yang, K. 105188
Chen, J.C. *see* Yongbing Wan 99192
Chen, J.D. *see* Attas, E.M. 102404
Chen, J.D.Z., Bes, H., Vandewalle, J., Evers, I., Janssens, P. A zero-delay FFT-based subband acoustic echo canceller for teleconferencing and hands-free telephone systems 117402
Chen, J.E., Chung Len Lee, Wen Zen Shen, Beyin Chen Fanout fault analysis for digital logic circuits 61831
Chen, J.E. *see* Wen Ching Wu 61759
Chen, J.E. *see* Zhao, K. 94182
Chen, J.F., Chen, N.C., Liu, H.S. Characterizations of deep levels in SnTe-doped GaSb by admittance spectroscopy 105177
Chen, J.F. *see* Cheng, T.H. 77680
Chen, J.F. *see* Jiang Tao 63418
Chen, J.F. *see* Jiang Tao 94841
Chen, J.F. *see* Wang, P.Y. 61231
Chen, J.H., Kothiyal, M.P., Tiziani, H.J. Collimation testing of a CO$_2$ laser beam with a shearing interferometer 60592
Chen, J.H. *see* Drusedau, T.P. 92798
Chen, J.H. *see* Wickboldt, P. 92837
Chen, J.H. *see* Wickboldt, P. 94514
Chen, J.I. *see* Lian Li 65474
Chen, J.K. *see* Tzeng, Y.M. 112630
Chen, J.M. *see* Liu, Y.Z. 75994
Chen, J.M. *see* Loechel, S.E. 120897
Chen, J.M. *see* Rawicz, A. 95228
Chen, J.M. *see* Welstand, R.B. 64806
Chen, J.Q. *see* Zhuge, X.B. 110122
Chen, J.R. *see* Wang, D.J. 94168
Chen, J.R. *see* Weng, W.T. 79872
Chen, J.S. *see* Chen, J. 89940
Chen, J.S. *see* Lin, H.Y. 91553
Chen, J.S. *see* Wang, C.J. 100578
Chen, J.W., Ebling, D., Geppert, R., Goppert, R., Irsigler, R., Jorger, C., Klaas, K., Ludwig, J., Rogalla, M., Runge, K., Schmid, T., Da Via, C., Webel, M., Weber, C. Characterization of interface states and deep levels by impedance measurements in undoped semi-insulating GaAs 114803
Chen, J.W. *see* Hsu, J.H. 115531
Chen, J.W. *see* Irsigler, R. 120139
Chen, J.W. *see* Rogalla, M. 120146
Chen, J.X., Li, A.Z., Ren, Y.C., Qi, M., Chang, Y.G. Parametric study on lattice-matched and pseudomorphic InGaAs/InAlAs/InP modulation-doped heterostructures grown by GSMBE 103956
Chen, J.X., Li, A.Z., Zhang, Y.G., Ren, Y.C., Qi, M. Device quality InGaAs/InAlAs/InP heterostructures grown by gas source molecular beam epitaxy 103897
Chen, J.X., Zou, D.S., Gao, G., Han, J.R., Dong, X., Yuan, Y., Zhang, S.M., Du, J.Y., Wang, D.F., Shen, G.D., Ni, W.X., Willander, M., Hansson, G.V. Side-wall oxide isolation self-aligned technique for SiGe/Si HBTs 84342
Chen, J.X. *see* Li, A.Z. 103871
Chen, J.X. *see* Shen, G.D. 84339
Chen, J.X. *see* Shen, W.Z. 114736
Chen, J.X. *see* Zhang, Y.G. 69185
Chen, J.Z., Xin Yi Zhang, Amerasekera, A., Vrotsos, T. Design and layout of a high ESD performance NPN structure for submicron BiCMOS/bipolar circuits 95217
Chen, K., Reiman, E.M., Lawson, M., Yun, L.-S., Bandy, D., Palant, A. Methods for the correction of vascular artifacts in PET O-15 water brain mapping studies 101182
Chen, K., Tai, C.H., Horng, L. High-T$_c$ superconducting joints for Ag-clad Bi-2223 tapes 64508
Chen, K., Tai, C.H., Horng, L. Development of high-T$_c$ superconducting Bi-2223 tape joints 84925
Chen, K. *see* Grandhi, S.A. 109484
Chen, K. *see* Tezuka, T. 116329
Chen, K.-C., Twu, D.-C. Theory of wireless networks with interference 67559
Chen, K.-C. *see* Sung, P.-A. 68478
Chen, K.-C. *see* Sung, P.-A. 78825
Chen, K.-C. *see* Wu, T.-C. 68153
Chen, K.-J. *see* Wu, C.-S. 98391
Chen, K.-J. *see* Yang, C.-H. 98468
Chen, K.-T. *see* Rai, B.K. 84165
Chen, K.-Y. *see* Sheu, T.-J. 99537
Chen, K.C. *see* Sung, P.-A. 99109
Chen, K.J., Waho, T., Maezawa, K., Yamamoto, M. An exclusive-OR logic circuit based on controlled quenching of series-connected negative differential resistance devices 61856
Chen, K.J., Yamamoto, M. Frequency multipliers using InP-based resonant-tunneling high electron mobility transistors 62238
Chen, K.J. *see* Du, J.F. 95895
Chen, K.J. *see* Waho, T. 61712
Chen, K.J. *see* Waho, T. 73312
Chen, K.M., Rothwell, E., Nyquist, D.P., Ross, J., Ilavarasan, P., Bebermeyer, R., Li, Q., Tsai, C.Y., Norman, A. Radar identification and detection using ultra-wideband/short-pulse radars 99656
Chen, K.M. *see* Norman, A. 88669
Chen, K.M. *see* Tsai, C.Y. 79001
Chen, K.R., Jordhamo, G., Moreau, W. Dissolution behaviour of novolak resins [photoresists] 105805
Chen, K.R., Leboeuf, J.N., Wood, R.F., Geohegan, D.B., Donato, J.M., Liu, C.L., Puretzky, A.A. Laser-solid interaction and dynamics of laser-ablated materials 96595
Chen, K.S., Huang, W.P., Tsay, D.H., Amar, F. Classification of multifrequency polarimetric SAR imagery using a dynamic learning neural network 70462
Chen, K.S., Tsay, D.H., Huang, W.P., Tzeng, Y.C. Remote sensing image segmentation using a Kalman filter-trained neural network 90841
Chen, K.S. *see* Fung, A.K. 120864
Chen, K.T. *see* Chen, H. 114600
Chen, K.T. *see* Henderson, D.O. 61145
Chen, K.T. *see* Lu, C.N. 121132
Chen, K.T. *see* Tung, Y.S. 63375
Chen, K.Y., Salamo, G.J., Afonso, S., Xu, X.L., Tang, Y.Q., Xiong, Q., Chan, F.T., Schaper, L.W. Fabrication of biaxially aligned YBa$_2$Cu$_3$O$_{7-x}$ thin films on glass substrates 104128
Chen, L., Chamberlain, D.B., Conner, C., Vandegrift, G.F. A review of chemical decontamination systems for nuclear facilities 81241
Chen, L., Chen, C.W., Parker, K.J. Adaptive mammographic image feature enhancement using wavelet-based multiresolution analysis 90459
Chen, L., Kwok, H.L. Design and fabrication of a GaAs weight-summation circuit (WSC) for use in neural networks 93648
Chen, L., Wedlake, M., Deliyannides, G., Kwok, H.H.L. A hybrid architecture for Hopfield neural networks and its GaAs implementation using CCDs as storage elements 73607
Chen, L., Yang, T., Nie, J.C., Zhao, Z.X., Shan, K., Yan, S.L. Tl$_2$Ba$_2$Ca$_2$Cu$_3$O$_x$ thin-film dc-SQUIDs with operation temperature near 100 K 64558
Chen, L. *see* Ahmed, S.S. 101962
Chen, L. *see* Chen, C.W. 87157
Chen, L. *see* Schaeffer, R.D. 107648
Chen, L. *see* Tewksbury, S.K. 104970
Chen, L. *see* Wang, J. 79579
Chen, L. *see* Yip, G.L. 64726
Chen, L. *see* Zhuang, B. 107647
Chen, L.-F. *see* Carlson, D.E. 112360
Chen, L.-G., Ku, C.-W., Huang, D.-L., Lee, Y.-P. Algorithm and VLSI design of a feature-based classified vector quantizer for image coding 98180
Chen, L.-G. *see* Chen, C.-T. 97860
Chen, L.-G. *see* Lee, W.-T. 97486
Chen, L.-K. *see* Chan, C.-K. 99039
Chen, L.-K. *see* Chan, C.-K. 99312
Chen, L.-P., Wang, Y., Liu, J.-M. Spectral measurement of the noise in continuous-wave mode-locked laser pulses 116419
Chen, L.A. Enhanced process for high I/O edge straddling connector attach 114394
Chen, L.G. *see* Chen, M.-J. 117802
Chen, L.G. *see* Spielman, B.E. 97239
Chen, L.H. *see* Bai, S.N. 75265
Chen, L.H. *see* Chen, C.H. 85512
Chen, L.J. *see* Lin, J.C. 104154
Chen, L.J. *see* Lin, J.H. 63091
Chen, L.J. *see* Lin, J.H. 84224
Chen, L.J. *see* Liu, C.S. 63420
Chen, L.J. *see* Yew, J.Y. 92736
Chen, L.K. *see* Wang, Y.H. 78185
Chen, L.K. *see* Wang, Y.H. 78207
Chen, L.P., Yong Wang, Liu, J.M. Characteristics of a picosecond synchronously-pumped singly-resonant optical parametric oscillator 65450
Chen, L.P. *see* Yong Wang 65148
Chen, L.Y. *see* Wang, Y.D. 64372
Chen, M. *see* Assaf, I. 82026
Chen, M. *see* Larson, L. 73786
Chen, M. *see* Leung, K. 111315
Chen, M. *see* Yelon, W.B. 115547
Chen, M.-C. *see* Yeh, W.-K. 113439
Chen, M.-J., Chen, L.G., Cheng, K.-N., Chen, M.C. Efficient hybrid tree/linear array architectures for block-matching motion estimation algorithms 117802
Chen, M.C. *see* Chen, M.-J. 117802
Chen, M.H. *see* Shen, S.C. 69290
Chen, M.J., Zhao, Y., Qu, M.X., Meng, X.L. An improved substructure-front method used to solve large-scale 3D eddy current problem 96953
Chen, M.J., Zhao, Y., Shi, D.N., Qu, M.X. A study of wave-like property observed in remote field eddy current phenomena 104205
Chen, M.J., Zhao, Y., Shi, D.N., Qu, M.X., Sun, Y.S. The instantaneous energy flow in remote field eddy current phenomena 107759
Chen, M.J. *see* Meng, X.L. 96908
Chen, M.J. *see* Zhao, Y. 107788
Chen, M.L. *see* Hong, S.H. 106645
Chen, M.S. *see* Ku, T.K. 74054
Chen, M.T., Chu, H.Y., Lue, J.W. Statistical standards and pollution estimation of harmonics in a power system 80780

Chen, N. *see* Yeung, D. 120390
Chen, N.C. *see* Chen, J.F. 105177
Chen, O. *see* Khan, M.A. 84677
Chen, O.T.C. *see* Huang, R.S. 110839
Chen, P., Nicholls, J.E., O'Neill, M., Hogg, J.H.C., Hagston, W.E., Lunn, B., Ashenford, D.E. Influence of the barrier heights on vertical transport in CdTe/CdMnTe superlattices 74407
Chen, P., Spitkovsky, A., Weidemann, A.W. Beam-beam disruption and the case for a plasma lens in e^-e^- collisions 69635
Chen, P., Toyota, T., Sasaki, Y. Study on plant inspection and diagnosis robot. II. Searching method for the faulty machine based on sound spectrum and fuzzy navigation 60694
Chen, P. *see* Cain, N. 74380
Chen, P. *see* Fildes, J.M. 82807
Chen, P. *see* Jackson, H.E. 62919
Chen, P. *see* Kobayashi, N.P. 72757
Chen, P. *see* Kwok, P. 89918
Chen, P. *see* Raubenheimer, T. 89588
Chen, P. *see* Rich, D.H. 94494
Chen, P. *see* Stupakov, G.V. 69652
Chen, P. *see* Tomov, I.V. 120247
Chen, P. *see* Xie, Q. 85521
Chen, P.-C., Tsai, W.-C., Hwang, S.-Y. A graded approach to shape representation 86345
Chen, P.-C. *see* Mandayam, N.B. 118863
Chen, P.-H. *see* Lin, M.-T. 99016
Chen, P.C. *see* Chen, T.R. 65260
Chen, P.C. *see* Kwong, N. 109605
Chen, P.J. *see* Egelhoff, W.F., Jr. 115863
Chen, P.J. *see* McMichael, R.D. 115632
Chen, P.J. *see* Nikitenko, V.I. 115633
Chen, Q., Chang, J.J.K., Chen, G.-L., Sinclair, R. Thin film media with and without bicrystal cluster structure on glass ceramic substrates 115602
Chen, Q., Fusco, V.F. Microwave mixer analysis using 3-D FDTD 62227
Chen, Q., Khan, M.A., Yang, J.W., Sun, C.J., Shur, M.S., Park, H. High transconductance heterostructure field-effect transistors based on AlGaN/GaN 95041
Chen, Q., Wu, H., Chihara, K. Real-time face detection 87019
Chen, Q. *see* Asif Khan, M. 62826
Chen, Q. *see* Asif Khan, M. 116539
Chen, Q. *see* Chernyak, L. 114635
Chen, Q. *see* Kezunovic, M. 121226
Chen, Q. *see* Khan, M.A. 84466
Chen, Q. *see* Khan, M.A. 115246
Chen, Q. *see* Ochi, H. 117003
Chen, Q. *see* Schmitz, A.C. 105451
Chen, Q. *see* Schmitz, A.C. 114805
Chen, Q. *see* Smith, M. 62736
Chen, Q. *see* Sun, C.J. 94321
Chen, Q. *see* Wu, H. 87129
Chen, Q. *see* Yang, J.W. 85307
Chen, Q.C. *see* Lim, B.W. 75690
Chen, Q.M. *see* Brauer, J.R. 102727
Chen, R.-C. *see* Hsu, I. 100592
Chen, R.C., Blair, W.D. Optimal measurement scheduling for track accuracy control for cued target acquisition 111412
Chen, R.H., Korotkov, A.N., Likharev, K.K. A new logic family based on single-electron transistors 61797
Chen, R.K.-J. *see* Huang, W.-S. 105784
Chen, R.S., Yung, E.K.N. Nonlinear analysis of synchronized microwave Gunn oscillators with the use of Volterra series 114292
Chen, R.T. Holographic elements fanout laser beams 85739
Chen, R.T., Ershov, O., Graham, L.A. Polygonal gratings for wafer scale 1-to-many optical clock signal distribution 85318
Chen, R.T., Feiming Li, Dubinovsky, M., Ershov, O. Si-based surface-relief polygonal gratings for 1-to-many wafer scale optical clock signal distribution 85079
Chen, R.T., Li, R.L.Q. Holographic optical elements (HOEs) for true-time-delays aimed at phased array antenna applications 96836
Chen, R.T. *see* Chunhe Zhao 76282
Chen, R.T. *see* De-Gui Sun 85219
Chen, R.T. *see* Zhao, C. 85035
Chen, R.W., Glantschnig, W., Dambach, B., Comrie, P. A systematic, on-line, DFE information support system for facilitating DFE implementation in a global corporation 72236
Chen, S. The encoding principle of POCSAG code and realization of POCSAG code encoder 66516
Chen, S., Ando, M., Goto, N. Closed form reflection coefficients of strips on a grounded dielectric slab for artificially soft and hard surfaces 66005
Chen, S., Hase, R.C., Mordaunt, K., Uzsoy, R., Takoudis, C.G. Relationships between process fundamentals, facility design, and production control of semiconductor manufacturing systems 63926
Chen, S., Malik, O.P. Comparison of power system stabilizer design using $\mathcal{H}_\infty$ optimization and μ-synthesis approach 101961
Chen, S., McLaughlin, S., Mulgrew, B., Grant, P.M. Bayesian decision feedback equaliser for overcoming co-channel interference 108747
Chen, S., Thapar, M. Fibre channel storage interface for video-on-demand servers 88461
Chen, S., Vahldieck, R. A new hybrid symmetrical condensed node for the frequency-domain TLM method 85911
Chen, S., Wood, A.R., Arrillaga, J. A direct frequency domain investigation of the properties of convertor transformer core saturation instability 81010
Chen, S. *see* Gao, T. 66164
Chen, S. *see* Goldsmith, C. 95220
Chen, S. *see* Guo, H. 114537
Chen, S. *see* Hu, Y. 100058
Chen, S. *see* Vahldieck, R. 104968
Chen, S. *see* Vahldieck, R. 116951
Chen, S.-C. *see* Kuo, T.C.T. 108604
Chen, S.-C.S. *see* Zu, L. 94130
Chen, S.-H., Chen, W.-Y., Liao, Y.-F. A time weighting multi-layer perceptrons for isolated word recognition 97631
Chen, S.-H., Jeng, S.-K. SBR/image approach for indoor radio propagation in large empty buildings 116894
Chen, S.-H. *see* Liao, Y.-F. 97632
Chen, S.-L. In-process high power CO$_2$ laser beam position sensing 60593
Chen, S.-Y. *see* Chan, D.-Y. 98962
Chen, S.A., Chao, C.I. Poly(2–alkoxy-p-phenylene)s as deep-blue light-emitting polymers 106948
Chen, S.C., Danly, B.G., Gonichon, J., Lin, C.L., Temkin, R.J., Trotz, S.R., Wurtele, J.S. High power testing of a 17 GHz photocathode RF gun 90077
Chen, S.C. *see* Bambos, N. 78456
Chen, S.C. *see* Lin, L.C.-L. 83688
Chen, S.C. *see* Lin, L.C.-L. 83689
Chen, S.F., Shieh, H.-P.D. Design issues in using thin-film optical interference filters as color filters for LCD system applications 100200
Chen, S.H., Chang, S.C., Lin, I.N. Zinc loss of Mn-Zn ferrite sintered under alumina plate 115596
Chen, S.H., Chu, K.R. Study of the gyrotron backward wave oscillator 114536
Chen, S.H. *see* Bandler, J.W. 82490
Chen, S.H. *see* Bandler, J.W. 93710
Chen, S.H. *see* Bandler, J.W. 93766
Chen, S.H. *see* Guo, H.Z. 62622
Chen, S.H. *see* Ku, T.K. 62573
Chen, S.K., Chu, M.S., Tsai, J.L., Chin, T.S. Magnetic properties of microcrystalline SmCo$_x$ alloys by melt spinning 115516
Chen, S.K., Tsai, J.L., Chin, T.S. Nanocomposite Sm$_2$Co$_{17}$/Co permanent magnets by mechanical alloying 72954
Chen, S.K. *see* Chang, W.C. 64322
Chen, S.K. *see* Fang, J.S. 115542
Chen, S.S. *see* Cai, Y. 103128
Chen, S.S. *see* Peng, C.K. 92720
Chen, S.T., Yang, S.W., Hsu, S.F. Computer aided design and manufacturing of foot orthoses 90599
Chen, S.X., Jabbar, A., Low, T.S. Optimal calculation of force profile for a linear oscillator drive system 112471
Chen, S.X., Jabbar, M.A., Zhang, Q.D., Liu, Z.J. New challenge: electromagnetic design of BLDC motors for high speed fluid film bearing spindles used in hard disk drives 115781
Chen, S.X., Low, T.S., Lin, H., Liu, Z.J. Design trends of spindle motors for high performance hard disk drives 115779
Chen, S.X., Low, T.S., Mah, Y.A., Jabbar, M.A. Super convergence theory and its application to precision force calculation 116820
Chen, S.X. *see* Lin, H. 121463
Chen, S.X. *see* Tang, Y. 115780
Chen, S.Y., Tsai, D. Network construction plan for NII in ROC 87510
Chen, S.Y. *see* Sun, H.B. 65231
Chen, T., Baz, A. Performance characteristics of Active Constrained Layer Damping versus Passive Constrained Layer Damping with active control 104189
Chen, T., Hsieh, H.-Y., Lee, L.-S. Lip synchronization for Mandarin speech: A marriage of speech and image processing in the Mandarin environment 97635
Chen, T. *see* Bane, K. 89979
Chen, T. *see* Cox, W.R. 96583
Chen, T. *see* Irwin, J. 89837
Chen, T. *see* Krehbiel, P. 90777
Chen, T. *see* Ross, C.A. 64451
Chen, T. *see* Yan, Y.T. 79977
Chen, T.-C. *see* Wei, S.-W. 98927
Chen, T.-H. *see* Lee, W.-T. 97486
Chen, T.-S., Lin, K.-P., Chung, B. A new construction method of bi-directional associative memory for object recognition 86913
Chen, T.-S. *see* Lin, K.-P. 90340
Chen, T.C. *see* Wu, K.T. 75142
Chen, T.F. *see* Sun, S.C. 84016
Chen, T.H. *see* Yeong-Lin Lai 62237
Chen, T.K. *see* Yeong-Lin Lai 62237
Chen, T.L. *see* Zvanut, M.E. 83995
Chen, T.M., Liu, S.S., Samalam, V.K. The available bit rate service for data in ATM networks 67532
Chen, T.M., Liu, S.S., Wang, D., Samalam, V.K., Procanik, M.J., Kavouspour, D. Monitoring and control of ATM networks using special cells 118254
Chen, T.P., Chan, D.S.H., Chim, W.K. Determination of substrate doping, substrate carrier lifetime and density of surface recombination centres of MOSFETs by gate-controlled-diode measurements 63695
Chen, T.R., Chen, P.C., Ungar, J., Bar-Chaim, N. 130 mW CW operation of multi-quantum well DFB lasers at 1.3 μm 65260
Chen, T.R., Ungar, J., Iannelli, J., Oh, S., Luong, H., Bar-Chaim, N. High power operation of InGaAsP/InP multiquantum well DFB lasers at 1.55 μm wavelength 65215
Chen, T.R. *see* Feng, J. 65261
Chen, T.R. *see* Kwong, N. 109605
Chen, U.M. *see* Ching-Ray Chang 115569
Chen, V.C. Applications of time-frequency processing to radar imaging 88679
Chen, V.C., Qian, S. Reconstruction of ISAR image by time-frequency distribution series 88677
Chen, V.C., Qian, S. CFAR detection and extraction of unknown signal in noise with time-frequency Gabor transform 88680
Chen, V.C. *see* Lu, Z. 97671
Chen, W. Performance of cascade and parallel IIR filters 66682
Chen, W., Amaratunga, G.A.J. The p-MOS controlled lateral thyristor: A MOS controllable thyristor suitable for integration 63648
Chen, W., Griswold, N.C. A set of efficient algorithms for time-frequency analysis with zoom-in and zoom-out capability 97687
Chen, W., King, S. Implementation of real-valued input FFT on Motorola DSPs 93455
Chen, W., Kirkish, S.D., Parker, D. Depth of focus increase based on detector pixel size in optical microscopes 112993
Chen, W., Mouftah, H.T. Flow-Net: A proposal on ABR traffic control in ATM networks 77622
Chen, W. *see* Fang, S.J. 62681
Chen, W. *see* Lin, Y.-B. 68136
Chen, W. *see* Manzur, T. 107268
Chen, W. *see* Steinhaeuser, P. 69834
Chen, W. *see* Wang, Y. 107645
Chen, W. *see* Watson, R. 61616
Chen, W.-F., Kuo, C.-C.J. Change-point detection using wavelets 117389
Chen, W.-K. *see* Wang, H.-Y. 93577
Chen, W.-S. *see* Chen, H.-T. 97351
Chen, W.-T., Huang, C.-F., Tseng, S.-Y. RSS: A high-performance fault-tolerant ATM switch 78286
Chen, W.-X. *see* Zhao, Y.-G. 107323
Chen, W.-Y. *see* Chen, S.-H. 97631
Chen, W.-Y. *see* Liao, Y.-F. 97632
Chen, W.D., Li, X.Q., Duan, L.H., Xie, X.L., Cui, Y.D. Photoluminescence enhancement of (NH$_4$)$_2$S$_x$ passivated InP surface by rapid thermal annealing 105704
Chen, W.D., Xie, X.L., Cui, Y.D., Chen, C.H., Hsu, C.C. Microstructure studies of PdGe/Ge ohmic contacts to n-type GaAs formed by rapid thermal annealing 105467
Chen, W.D. *see* Arayathaitkul, K. 96735
Chen, W.J. *see* Chin, A. 83844
Chen, W.J. *see* Chin, A. 103916
Chen, W.J. *see* Huang, S.L. 95987
Chen, W.K. *see* Wang, P.Y. 61231
Chen, W.L., Munns, G.O., Wang, X., Haddad, G.I. Co-integration of high speed InP-based HBTs and RTDs using chemical beam epitaxy 103955
Chen, W.L. *see* Chin, T.P. 84346
Chen, W.L. *see* Munns, G.O. 103959
Chen, W.M., Buyanova, I.A., Buyanov, A.V., Lundstrom, T., Bi, W.G., Tu, C.W. Intrinsic doping: a new approach for n-type modulation doping in InP-based heterostructures 105582
Chen, W.M. *see* Buyanov, A.V. 74258
Chen, W.M. *see* Buyanova, I.A. 62959
Chen, W.R. *see* Li, Z.H. 114992
Chen, W.S., Liao, H.-E., Tsai, H.-Y. A new variable-rate finite-state vector quantization for image compression 108460
Chen, W.S. *see* Lin, C.C. 63128
Chen, W.T. *see* Wu, T.Y. 112937
Chen, W.T. *see* Wu, T.Y. *(editor)* 112741
Chen, W.Y., Hsing, T.R. Architectural alternatives of wireless access through hybrid fiber/coax distribution plant 78248
Chen, W.Y., Kerpez, K. Coaxial cable distribution plant performance simulation for interactive multimedia TV 79167
Chen, W.Y. *see* Valenti, C.F. 78793
Chen, X., Moser, L.E., Melliar-Smith, P.M. Reservation-based totally ordered multicasting 87422
Chen, X., Rowe, W.B., Li, Y., Mills, B. Grinding vibration detection using a neural network 97680
Chen, X. *see* Al-Shareef, H.N. 114989
Chen, X. *see* Mao, O. 115515
Chen, X. *see* Shore, K.A. 85722
Chen, X.B., Mawby, P.A., Salama, C.A.T., Towers, M.S., Zeng, J., Board, K. Lateral high-voltage devices using an optimized variational lateral doping 63514
Chen, X.H., Lang, T. Performance analysis of chip rate division multiple access (CRDMA) technique 118039
Chen, X.H., Lang, T., Oksman, J. Constructing quasi-optimum GMW and M-sequence sub-families with minimized system bit error rate 98426
Chen, X.H., Lim, N.C., Oksman, J. A novel group based common-receiver (GBCR) code protocol for CDMA wireless networks with improved throughput-delay performance 78349

Chen, X.H., Oksman, J. A quasi-constant envelope quadrature overlapped modulation and its performance over non-linear band limited satellite channels 109599
Chen, X.H. *see* Lang, T. 99128
Chen, X.K. *see* Wang, J.J. 62769
Chen, X.Q. *see* Biao Li 82654
Chen, X.Q. *see* Li, B. 94335
Chen, X.R., Pahalawaththa, N.C., Annakkage, U.D., Kumble, C.S. Power system stability enhancement by using controlled series compensation 80887
Chen, X.R., Pahalawaththa, N.C., Annakkage, U.D., Kumble, C.S. Design of TCSC controllers to damp power swings by using eigenvalue analysis method 101967
Chen, X.R., Pahalawaththa, N.C., Annakkage, U.D., Kumble, C.S. Enhancement of power system stability by using controlled series compensation 111470
Chen, X.R., Pahalawaththa, N.C., Annakkage, U.D., Kumble, C.S. Power system stability enhancement by using controlled series compensation 111562
Chen, X.T. *see* Huang, W.K. 104476
Chen, X.Y., Leys, M.R. Study of 1/f noise in InP grown by CBE 83830
Chen, X.Y. *see* Guo, X.L. 72943
Chen, X.Y. *see* Xiong, S.B. 75524
Chen, X.Y. *see* Xiong, S.B. 82723
Chen, X.Z. *see* Hu, E.Q. 96909
Chen, X.Z. *see* Zhang, B.J. 102639
Chen, Y., Pearlman, W.A. Three-dimensional subband coding of video using the zerotree method 86542
Chen, Y., Wartak, M.S., Lu, H., Makino, T. Rate equation description of carrier transport effects in multiple quantum well lasers 75989
Chen, Y. *see* Grann, E. 114623
Chen, Y. *see* Harms, P.H. 91949
Chen, Y. *see* Jin, C. 74246
Chen, Y. *see* Kushawaha, V. 65128
Chen, Y. *see* Sampayan, S. 89780
Chen, Y. *see* Szymanski, J.J. 110589
Chen, Y. *see* Westenskow, G. 83757
Chen, Y. *see* Westenskow, G. 89715
Chen, Y. *see* Zhao, J. 74247
Chen, Y.-A. *see* Laih, L.-H. 69138
Chen, Y.-C. *see* Lee, C.C. 60598
Chen, Y.-H., Chiang, C.-T. A modified adaptive array under directional constraint 97392
Chen, Y.-H., Lian, Y.-T. A 2D multi-target angles tracking algorithm using sensor array 97864
Chen, Y.-J. *see* Dowd, P. 78919
Chen, Y.-M. Steering vector decomposition algorithms for array signal processing 97862
Chen, Y.-S. *see* Su, Yu.T. 99108
Chen, Y.-T. *see* Hong, Y.-Y. 101806
Chen, Y.-W., Nakao, Z., Tamura, S. Blind deconvolution by genetic algorithms 77360
Chen, Y.-W. *see* Nakao, Z. 98342
Chen, Y.-W. *see* Sheu, T.-J. 99537
Chen, Y.C. *see* Chou, Y.C. 106089
Chen, Y.C. *see* Feggeler, J.C. 78683
Chen, Y.C. *see* Feggeler, J.C. 88591
Chen, Y.C. *see* Hsiung Chou 69135
Chen, Y.C. *see* Hsiung Chou 95504
Chen, Y.C. *see* Meen, T.H. 75314
Chen, Y.C. *see* Park, Y.K. 78685
Chen, Y.C. *see* Serreze, H.B. 96213
Chen, Y.C. *see* Yang, Y.-R. 68862
Chen, Y.F., Ivanov, Z.G., Stepantsov, E.A., Tzalenchuk, A.Ya., Zarembinski, S., Claeson, T., Johansson, L.-G. Transport properties of $Tl_2Ba_2CaCu_2O_8$ weak links on $LaAlO_3$ bicrystal substrates 84911
Chen, Y.F., Liao, T.S., Kao, C.F., Huang, T.M., Lin, K.H., Wang, S.C. Optimization of fiber-coupled laser-diode end-pumped lasers: influence of pump-beam quality 116454
Chen, Y.F., Wang, S.C., Kao, C.F., Huang, T.M. Efficient fibre-coupled laser diode end-pumped NYAB laser 96170
Chen, Y.F., Wang, S.C., Kao, C.F., Huang, T.M. Investigation of fiber-coupled laser-diode-pumped NYAB green laser performance 107210
Chen, Y.F. *see* Chang, I.M. 106947
Chen, Y.G., Yuang, M.C. A cut-based method for terminal-pair reliability 77792
Chen, Y.G., Yuang, M.C. A cut-based method for terminal-pair reliability 118334
Chen, Y.G. *see* Latiff, Z. 74720
Chen, Y.G. *see* Wen-Chung Chang 106049
Chen, Y.H. A fast lead scanning algorithm for IC assembly and leads inspection 94039
Chen, Y.H., Wen-June Wang Fuzzy entropy management via scaling, elevation, and saturation 103628
Chen, Y.H., Wen-June Wang, Chih-Hui Chiu Membership values determination for fuzzy sets 113135
Chen, Y.H. *see* Tou, T.Y. 65027
Chen, Y.J., Kryder, M.H. Effects of Cr_2O_3 or Y_2O_3 doping in barium ferrite thin-film medium for high-density recording 64330
Chen, Y.J. *see* Buchner, S. 73389
Chen, Y.J. *see* Buchner, S. 104554
Chen, Y.K. Device and system technologies for microwave wireless applications 68041
Chen, Y.K., Cooper, M.D., Cooper, P.S., Dzemidzic, M., Gagliardi, C.A., Hogan, G.E., Hungerford, E.V., Kim, G.J., Knott, J.E., Lan, K.J., Liu, F., Mayes, B.W., Mischke, R.E., Phelps, R., Pinsky, L.S., Stantz, K.M., Szymanski, J.J., Tang, L.G., Tribble, R.E., Tu, X.L., Van Ausdeln, L.A., Von Witsch, W., Wright, C.S. Architecture of the MEGA detector trigger 69865
Chen, Y.K. *see* Bethea, C.G. 65270
Chen, Y.K. *see* Liaw, S.K. 119237
Chen, Y.K. *see* Minch, J. 116531
Chen, Y.K. *see* Montgomery, R.K. 93888
Chen, Y.K. *see* Ren, F. 114963
Chen, Y.K. *see* Wu, T.-F. 121620
Chen, Y.L. *see* Aldrich, D.B. 74618
Chen, Y.L. *see* Lee, M.Y. 70184
Chen, Y.P., Cox, A.J., Hagmann, M.J., Smith, H.D.A. Electrometer preamplifier for scanning tunneling microscopy 93148
Chen, Y.P., Wong, D.F. An algorithm for zero-skew clock tree routing with buffer insertion 73032
Chen, Y.P. *see* Faurie, J.P. 92743
Chen, Y.P. *see* Grann, E. 114623
Chen, Y.P. *see* Ma, H.L. 94376
Chen, Y.P. *see* Smith, D.J. 113288
Chen, Y.P. *see* Tsen, S.C.Y. 74161
Chen, Y.Q. *see* Lo, V.C. 105566
Chen, Y.Y. *see* Bai, S.N. 75265
Chen, Z. The generalized TLM based finite-difference time-domain (FD-TD) method and its applications to frequency-dependent and anisotropic media 85913
Chen, Z., Jainandunsing, K., Das, K., Huang, V. Investigations on the full duplex implementation of the CCITT G.728 16 kbit/sec LD-CELP speech codec 98955
Chen, Z., Kalam, A., Zayegh, A. Advanced microprocessor based power protection system using artificial neural network techniques 81134
Chen, Z., McGee, D., Abraham, N.B. Pattern dynamics in photorefractive bidirectional ring-resonator experiments 96634
Chen, Z., Park, D.-G., Stengal, F., Noor Mohammad, S., Morkoc, H. Metal-insulator-semiconductor structures on p-type GaAs with low interface state density 84003
Chen, Z., Spooner, E. A variable-speed, permanent-magnet, wind-turbine generator and its control 111855
Chen, Z., Spooner, E. A DC to AC converter with thyristor inverter and active compensation 121413
Chen, Z. *see* Doshi, P. 103000
Chen, Z. *see* Krumins, A. 107568
Chen, Z. *see* Krumins, A. 116762
Chen, Z. *see* Lian Li 65474
Chen, Z. *see* Ma, J.G. 107720
Chen, Z. *see* Ma, J.G. 107993
Chen, Z. *see* Milster, T.D. 64636
Chen, Z. *see* Milster, T.D. 75538
Chen, Z. *see* Rao, D.V.G.L.N. 75646
Chen, Z. *see* Rao, D.V.G.L.N. 85679
Chen, Z. *see* Sadana, A. 79580
Chen, Z. *see* Saw, J. 109383
Chen, Z.-K. *see* Sawa, K. 62421
Chen, Z.J., Minelly, J.D., Gu, Y. Compact low cost Er^{3+}/Yb^{3+} co-doped fibre amplifiers pumped by 827 nm laser diode 107151
Chen, Z.M. *see* Zhao, X.D. 62815
Chen, Z.Q., Hu, X.W., Wang, S.J. Positron annihilation studies of defect properties in semi-insulating GaAs 105184
Chen, Z.X., Sanderson, M.L. Ultrasonic tomography for process measurement 110438
Chen, Z.Y. *see* Chen Qianwang 61311
Chen, Z.Z. *see* Yang, K. 105188
Chen Baijun *see* Liu Baolin 75918
Chen Baoqin *see* Feng Boru 63503
Chen Benzhi *see* Dai Xiaofang 65565
Chen Beyin *see* Beyin Chen
Chen Bin, Fang Hui, Jiao Zhengkuan, Zhang Qirui Quantum fluctuation of charge and current in a mesoscopic circuit 61513
Chen Bin, Li Yu-lin An implementation of an open network management system 118249
Chen Bin-Kwie *see* Bin-Kwie Chen
Chen Binghua *see* Wu Minhui 71009
Chen Binning *see* Binning Chen
Chen Bo *see* Bo Chen
Chen Bor-Liang *see* Bor-Liang Chen
Chen Bor-Tow *see* Bor-Tow Chen
Chen Bor-Yir *see* Bor-Yir Chen
Chen Boshi *see* Boshi Chen
Chen Caihe *see* Caihe Chen
Chen Caisheng *see* Caisheng Chen
Chen Chang Wen *see* Chang Wen Chen
Chen Chang-Fuu *see* Chang-Fuu Chen
Chen Chang-Hong *see* Chang-Hong Chen
Chen Chang-Li *see* Chang-Li Chen
Chen Chang-Qing *see* Chang-Qing Chen
Chen Chang-Shun *see* Chang-Shun Chen
Chen Changjia *see* Changjia Chen
Chen Changli, Hong Xingnan, Gao Baoxin Phase noise analysis in microwave MESFET oscillators by nonlinear current method 104827
Chen Changqing *see* He Mincai 110152
Chen Chao-Lieh *see* Chao-Lieh Chen
Chen Chao-Shen *see* Chao-Shen Chen
Chen Chao-Shun *see* Chao-Shun Chen
Chen Chaoying, Wang Gang, Li Yongli, He Jiali Study of synthetic companion model method in HVDC system's digital simulation 121097
Chen Charng Ning Undergraduate academic programme: planning, development, implementation and evaluation 60427
Chen Chau-Shen *see* Chau-Shen Chen
Chen Chen-Min *see* Chen-Min Chen
Chen Cheng *see* Cheng Chen
Chen Chengchang *see* Chengchang Chen
Chen Chern-Lin *see* Chern-Lin Chen
Chen Chi-Hung *see* Chi-Hung Chen
Chen Chi-Te *see* Chi-Te Chen
Chen Chia-Fu *see* Chia-Fu Chen
Chen Chien *see* Chien Chen
Chen Chien-Chang *see* Chien-Chang Chen
Chen Chien-Huei *see* Chien-Huei Chen
Chen Chien-Yuan *see* Chien-Yuan Chen
Chen Chih-Ang *see* Chih-Ang Chen
Chen Chih-Chang *see* Chih-Chang Chen
Chen Chih-Chiang *see* Chih-Chiang Chen
Chen Chih-Hsiao *see* Chih-Hsiao Chen
Chen Chii-Horng *see* Chii-Horng Chen
Chen Chii-Wen *see* Chii-Wen Chen
Chen Chin-Chou *see* Chin-Chou Chen
Chen Chin-Hsing *see* Chin-Hsing Chen
Chen Chin-Lin *see* Chin-Lin Chen
Chen Chin-Tu *see* Chin-Tu Chen
Chen Ching-Hui *see* Ching-Hui Chen
Chen Ching-Long *see* Ching-Long Chen
Chen Chinglung *see* Chinglung Chen
Chen Chiping *see* Chiping Chen
Chen Chu-Song *see* Chu-Song Chen
Chen Chuan-I *see* Chuan-I Chen
Chen Chuangtian *see* Chuangtian Chen
Chen Chuen-Yau *see* Chuen-Yau Chen
Chen Chulung *see* Chulung Chen
Chen Chun Hsiung *see* Chun Hsiung Chen
Chen Chun-Jen *see* Chun-Jen Chen
Chen Chun-Ying *see* Chun-Ying Chen
Chen Chunda *see* Zheng Tianxue 121363
Chen Chung-Han *see* Chung-Han Chen
Chen Chung-Ho *see* Chung-Ho Chen
Chen Chung-Hsu *see* Chung-Hsu Chen
Chen Chung-Ming *see* Chung-Ming Chen
Chen Chung-Ping *see* Chung-Ping Chen
Chen Chungmin *see* Chungmin Chen
Chen Chunhong, Zhao Wenqing, Tang Pushan Module placement based on space relaxation 106132
Chen Dao-Long *see* Dao-Long Chen
Chen Daojiong *see* Daojiong Chen
Chen De-Sheng *see* De-Sheng Chen
Chen Delai, Wang Chen, Zhang Defu Framework of a transputer-based heterogeneous distributed system for parallel computing 67589
Chen Deming *see* Deming Chen
Chen Der-San *see* Der-San Chen
Chen Deshu *see* liu Jin 120978
Chen Dongfu, Han Xiandong Design of hardware and scheme for real time multitask distributed computer communication network 111498
Chen Dongpei *see* Gong Junjie 75066
Chen Ergang *see* Yang Deqing 94180
Chen Fang *see* Sang Fengting 107095
Chen Feng, Ahmad, A., Amzajerdian, F. Design and analysis of a spaceborne radar telescope 68704
Chen Feng *see* Feng Chen
Chen Fu-Fuh *see* Fu-Fuh Chen
Chen Fujie *see* Peng Yuxing 113692
Chen Fung-Fei *see* Fung-Fei Chen
Chen Fushen *see* Fushen Chen
Chen Ga-Lane *see* Ga-Lane Chen
Chen Gang, Zhang Yuegong, Meng Luoming Mobility management in personal communications 99239
Chen Gang *see* Gang Chen
Chen Gaofeng *see* Wang Jun 77115
Chen Gen-Huey *see* Gen-Huey Chen
Chen Geng-Lin *see* Geng-Lin Chen
Chen Genxiang, Li Xun, Jian Shuisheng Solid-liquid equilibria of Zn-Se-Te ternary system in Te-rich region and LPE growth of $ZnSe_{0.52}Te_{0.48}$ thin film on (100) InP substrate 113355
Chen Geping *see* Geping Chen
Chen Gongfu, Han Xiandong The design of software for realtime multitask distributed computer communication network 109116
Chen Goong *see* Goong Chen
Chen Guanghua *see* Zhang Yafei 72872
Chen Guanghua *see* Guanghua Chen
Chen Guangqiu *see* Guangqiu Chen
Chen Guanrong *see* Guanrong Chen
Chen Guanxiong *see* Guanxiong Chen
Chen Guilin The reliability analysis of two unit series system with shut-off rule 103523
Chen Guofu *see* Liu Dongfeng 75832
Chen Guofu *see* Liu Dongfeng 96398
Chen Guoying *see* Guoying Chen
Chen Haijuan, Zhang Heyong, Li Hong, Mao Qinghe, Yang Xianglin, Dai Kangqin, Hu Jinfei, Gu Zhenan Study on 23 mW 33 dB fiber amplifier module 116405
Chen Haiyong, Zhou Hao, Ni Guangzheng, Li Ronglin A finite element scheme using multigrid method 92647
Chen Hao, Han Ping, Zheng Youdou β-$FeSi_2$ formation on MOCVD Fe/Si(100) by solid phase epitaxy 84246
Chen Heng *see* Wang Haifeng 91037
Chen Heng *see* Wang Haifeng 91038
Chen Heng *see* Yang Zhixin 91039

Chen Hong *see* Bao Zhongxing 105209
Chen Hong *see* Hong Chen
Chen Hong-Ming *see* Hong-Ming Chen
Chen Hong-Twu *see* Hong-Twu Chen
Chen Hongfang, Han Jiaxiang, Li Cheng, Xu Zizong Pulse shape of the self quenching streamer counter in the coexistence region 80009
Chen Hongfang *see* Han Jiaxiang 69808
Chen Hongxu *see* Hongxu Chen
Chen Hongyi *see* Gai Weixin 104728
Chen Hongyi *see* Hongyi Chen
Chen Hongyu *see* Hongyu Chen
Chen Hongyuan *see* Hongyuan Chen
Chen Hsi-Ching *see* Hsi-Ching Chen
Chen Hsing-Yi *see* Hsing-Yi Chen
Chen Hsu-Tung *see* Hsu-Tung Chen
Chen Hua *see* Hua Chen
Chen Hua-Ming *see* Hua-Ming Chen
Chen Huaijin, Bai Zhong Load flow studies for power systems equipped with UPFC 80929
Chen Huaijin, Chen Xingying Damping analysis and control for longitudinal power systems 120998
Chen Huanchu *see* He Shunzhong 65485
Chen Huanchu *see* Wang Jiyang 64301
Chen Huanchu *see* Zhou Zhongxiang 76104
Chen Huanchu *see* Huanchu Chen
Chen Huey-Kuo *see* Huey-Kuo Chen
Chen Hui *see* Hui Chen
Chen Huihuang *see* Huihuang Chen
Chen Huitang, Jiang Ping, Yueuan, W., Jiang Zhiying Precise joint angle measurement system for direct drive robot 110365
Chen Huiting *see* Huiting Chen
Chen Hung-Sheng *see* Hung-Sheng Chen
Chen Hung-Wei *see* Hung-Wei Chen
Chen Hung-Yan *see* Hung-Yan Chen
Chen Jan-Min *see* Jan-Min Chen
Chen Jehn-Yih *see* Jehn-Yih Chen
Chen Jen-Ming *see* Jen-Ming Chen
Chen Jen-Yeu *see* Jen-Yeu Chen
Chen Jeng-Chun *see* Jeng-Chun Chen
Chen Jeng-Hong *see* Jeng-Hong Chen
Chen Jeng-Tzong *see* Jeng-Tzong Chen
Chen Jenn-Fang *see* Jenn-Fang Chen
Chen Jenn-Hong *see* Jenn-Hong Chen
Chen Jhy-Rong *see* Jhy-Rong Chen
Chen Ji *see* Ji Chen
Chen Jia-Jin *see* Jia-Jin Chen
Chen Jia-Jin J. *see* Jia-Jin J. Chen
Chen Jia-Lin *see* Jia-Lin Chen
Chen Jiaer *see* Zu Donglin 120073
Chen Jiamo *see* Li Jiandong 109272
Chen Jian, Lin Hongrong Research and progress of the optical soliton communication system 68356
Chen Jian *see* Jian Chen
Chen Jian-Liang *see* Jian-Liang Chen
Chen Jian-Shiang *see* Jian-Shiang Chen
Chen Jiang-Guo *see* Jiang-Guo Chen
Chen Jianguo, Wu Zhengmao, Xia Guangqiong Wavelength related rate equations for two-segment bistable semiconductor lasers 75925
Chen Jianhua *see* Jianhua Chen
Chen Jianmin *see* Jianmin Chen
Chen Jiann-Fuh *see* Jiann-Fuh Chen
Chen Jiann-Liang *see* Jiann-Liang Chen
Chen Jiann-Ruey *see* Jiann-Ruey Chen
Chen Jianping *see* Jianping Chen
Chen Jianqin, Xi Yugeng, Zhang Zhongjun A simple method for structure determination of ARMA model 103612
Chen Jianyao *see* Jianyao Chen
Chen Jianyi *see* Tan Shuntao 80772
Chen Jie *see* Zhu Zhencai 75603
Chen Jie *see* Jie Chen
Chen Jijun *see* Jijun Chen
Chen Jin *see* Xie Youxin 119117
Chen Jin-An *see* Jin-An Chen
Chen Jin-Jian *see* Jin-Jian Chen
Chen Jinbang *see* Jinbang Chen
Chen Jincan *see* Jincan Chen
Chen Jingkuan *see* Zheng Tianxue 121363
Chen Jingzhi *see* Wang Jing 120315
Chen Jong *see* Jong Chen
Chen Jui-Hsiang *see* Jui-Hsiang Chen
Chen Jun, Hong Wei, Chen Yiyuan Analysis of electrically large dielectric coated conducting cylinder of arbitrary cross section 97084
Chen Jun, Yao Yuliang, Mao Zhiwei, Ding Shuanghong, Ye Jinxiang Synchronous detection technique of measuring spatial distribution of a pulsed laser beam using CCD detectors 119925
Chen Jun *see* Wang Xia 119521
Chen Jun *see* Jun Chen
Chen Junewen *see* Junewen Chen
Chen Junfang *see* Ren Zhaoxing 64028
Chen Junliagn *see* Junliagn Chen
Chen Junliang *see* Chen Shanzhi 117984
Chen Junliang *see* Lei Youxun 118544
Chen Junliang *see* Wang Hongman 109182
Chen Junliang *see* Junliang Chen
Chen Jyh-Jia *see* Jyh-Jia Chen
Chen Jyh-Shiou *see* Jyh-Shiou Chen
Chen Jyhshing *see* Jyhshing Chen
Chen Jyhshinn *see* Yang Tianjuh 62756
Chen Kai *see* Kai Chen
Chen Kang Sheng *see* Kang Sheng Chen
Chen Kangsheng *see* Kangsheng Chen
Chen Ke, Xie Dahong, Chi Huisheng Speaker identification using a time-delay modular neural network 86145
Chen Ke *see* Chen Qufei 63589
Chen Ke *see* Xiang Bing 108200
Chen Ke *see* Ke Chen
Chen Ker-Min *see* Ker-Min Chen
Chen Ker-Ming *see* Ker-Ming Chen
Chen Kewei *see* Kewei Chen
Chen Kexin *see* Wang Weixiang 92932
Chen Kim-Joan *see* Kim-Joan Chen
Chen Kuan *see* Kuan Chen
Chen Kuan-Dar *see* Kuan-Dar Chen
Chen Kuang Yi *see* Kuang Yi Chen
Chen Kuang-Chien *see* Kuang-Chien Chen
Chen Kun-Mu *see* Kun-Mu Chen
Chen Kunji *see* Gu Xiaofeng 75599
Chen Kunji *see* Wu Wei 105535
Chen Kunji *see* Kunji Chen
Chen Kuo Feng *see* Kuo Feng Chen
Chen Kuo-Gen *see* Kuo-Gen Chen
Chen Kuo-Tsai *see* Kuo-Tsai Chen
Chen Kwang-Cheng *see* Kwang-Cheng Chen
Chen Langxing *see* Wen Ruimei 63188
Chen Lee, Yoshida, K., Mercer, C., Rajkumar, R. Predictable communication protocol processing in real-time Mach 87449
Chen Lei *see* Lei Chen
Chen Leping *see* Zeng Zhaohua 71600
Chen Li Yeat *see* Li Yeat Chen
Chen Li-Wen *see* Li-Wen Chen
Chen Lian-Kuan *see* Lian-Kuan Chen
Chen Liang, Fanping Sun, Rogers, C.A. Electromechanical impedance modeling of active material systems 61459
Chen Liang *see* Ackerman, A.E. 64490
Chen Liang *see* Liang Chen
Chen Liang-Fu *see* Liang-Fu Chen
Chen Liang-Gee *see* Liang-Gee Chen
Chen Liang-Po *see* Liang-Po Chen
Chen Liang-Yao *see* Liang-Yao Chen
Chen Liang-Yu *see* Liang-Yu Chen
Chen Liang-Yuh *see* Liang-Yuh Chen
Chen Liangyao *see* Liangyao Chen
Chen Lie *see* Kislinskii, Yu.V. 84909
Chen Lih-Shan *see* Lih-Shan Chen
Chen Lin *see* Swarnakar, V. 110708
Chen Linfeng *see* Linfeng Chen
Chen Ling *see* Ling Chen
Chen Ling-Hwei *see* Ling-Hwei Chen
Chen Ling-Sheng *see* Ling-Sheng Chen
Chen Lingbing *see* Yamashita, M. 76166
Chen Lingyan, Gu Mu, Li Qing, Xiang Kaihua, Wang Liming, Hu Chaocun, Wen Shuhuai, Liu Kaiwu, Yang Hongqiong, Wang Huifang Investigation on the properties of new type ultra-fast radiation detector 120193
Chen Lingyu *see* Lingyu Chen
Chen Liqun *see* Liqun Chen
Chen Liu, Sideman, S. Simulation of fixed microphone arrays for directional hearing aids 101433
Chen Lujun, Yu Zhongyuan The coupling of nonequal-amplitude linear polarization solitons and its possible application 116714
Chen Lujun *see* Luo Enze 73979
Chen Lujun *see* Lujun Chen
Chen Mao-Chieh *see* Mao-Chieh Chen
Chen Mao-Hsiung *see* Mao-Hsiung Chen
Chen Mei-Juan *see* Mei-Juan Chen
Chen Meijuan *see* Meijuan Chen
Chen Mengzhen *see* Mengzhen Chen
Chen Miaohua *see* Pang Wenning 69822
Chen Min-Hsuan *see* Min-Hsuan Chen
Chen Ming-Jer *see* Ming-Jer Chen
Chen Ming-Po *see* Ming-Po Chen
Chen Ming-Syan *see* Ming-Syan Chen
Chen Ming-Tong *see* Ming-Tong Chen
Chen Minghua *see* Wang Faqiang 116713
Chen Mo-Shing *see* Mo-Shing Chen
Chen Nan *see* Nan Chen
Chen Nan-Cheng *see* Nan-Cheng Chen
Chen Nie-Chuan *see* Nie-Chuan Chen
Chen Ning *see* Ning Chen
Chen NuoFu *see* NuoFu Chen
Chen Panao *see* Huang Zhongping 73983
Chen Pei-Wen *see* Pei-Wen Chen
Chen Pi-Tung *see* Pi-Tung Chen
Chen Pin-Fan *see* Pin-Fan Chen
Chen Ping *see* Ping Chen
Chen Po-Ching *see* Po-Ching Chen
Chen Po-Hung *see* Po-Hung Chen
Chen Po-Ki *see* Po-Ki Chen
Chen Qi *see* Qi Chen
Chen Qi-Jin *see* Qi-Jin Chen
Chen Qi-Lue *see* Qi-Lue Chen
Chen Qian *see* Qian Chen
Chen Qiang *see* Qiang Chen
Chen Qianwang, Qian, Y.T., Chen, Z.Y., Shi, L., Li, X.G., Zhou, G.E., Zhang, Y.H. Preparation of zinc sulfide thin films by the hydrothermal method 61311
Chen Qianwang *see* Qianwang Chen
Chen Qijin, Chen Yan, Yang Jie, Lin Zhangda Oriented and textured growth of (111) diamond on silicon using hot filament chemical vapour deposition 83804
Chen Qijin *see* Qijin Chen
Chen Qing *see* Qing Chen
Chen Qing-Ming *see* Qing-Ming Chen
Chen Qingsong *see* Li Zhenbiao 83564
Chen Qingxin *see* Qingxin Chen
Chen Qingyou *see* Qingyou Chen
Chen Qinqi *see* Gao Jian 111501
Chen Qixiu *see* Chen Qufei 63589
Chen Qiying, Gu Donghong, Gan Fuxi Microstructural observation of organic thin film in optical recording 84948
Chen Qufei, Chen Ke, Chen Qixiu A new bipolar power device–BST 63589
Chen Qun *see* Qun Chen
Chen Roawen *see* Roawen Chen
Chen Rong, Zhang Qiyun Mechanism of interaction (≤300°C) between aluminum and moistened Sn and its alloys 82767
Chen Rong-Chung *see* Rong-Chung Chen
Chen Rong-Sheng *see* Rong-Sheng Chen
Chen Rosy Wei *see* Rosy Wei Chen
Chen Ruiyi *see* Ruiyi Chen
Chen Rujun NETD and range equation of Scanning Detection Systems 100146
Chen Ruying *see* Liu Zhaoxu 111519
Chen Ruying *see* Liu Zhaoxu 121047
Chen Sao-Jie *see* Sao-Jie Chen
Chen Sau-Gee *see* Sau-Gee Chen
Chen Sei-Wang *see* Sei-Wang Chen
Chen Seng-Woon *see* Seng-Woon Chen
Chen Shang-Hui *see* Shang-Hui Chen
Chen Shanhuai *see* Shanhuai Chen
Chen Shanzhi, Cheng Shiduan, Chen Junliang A hybrid self-healing mechanism with priority restoration for ATM networks 117984
Chen Shanzhi, Yan Liemin An ATM switch architecture with priority control 108752
Chen Shanzhi *see* Shanzhi Chen
Chen Shaotang *see* Shaotang Chen
Chen Shaoyin *see* Ge Jialong 78337
Chen Shaoying *see* Den Jie 78983
Chen Shaoyun *see* Shaoyun Chen
Chen Sheau *see* Sheau Chen
Chen Shen-Li *see* Shen-Li Chen
Chen Shenfeng *see* Shenfeng Chen
Chen Sheng-Hsiung *see* Sheng-Hsiung Chen
Chen Shi Jian *see* Jian Chen Shi
Chen Shi-Lin *see* Lu Chung-Chin 111603
Chen Shi-Lin *see* Shi-Lin Chen
Chen Shiao-Shien *see* Shiao-Shien Chen
Chen Shifang *see* Zhang Guowei 79429
Chen Shih-H, Tang Wen-Yuan The impeller flow field analysis of circulation water pump at Hsin-Ta thermal power plant 111778
Chen Shin-Hon *see* Shin-Hon Chen
Chen Shixiong *see* Shixiong Chen
Chen Shoupu *see* Shoupu Chen
Chen Shousun *see* Lu Weixing 111438
Chen Shuchun, Dai Fengmei Up-conversion materials outputting green light, storing ultraviolet and visible images and use in image subtraction 64619
Chen Shuchun, Dai Fengmei A kind of high efficiency infrared-upconversion luminescent material 95960
Chen Shuguang *see* Shuguang Chen
Chen Shui-Sheng, Wang Xiao, Zhang Wen-Xing, Jin Li-Rong, Sun Xiao-Hang W-band pulsed IMPATT diodes 73717
Chen Shuilian *see* Guo Changzhi 85505
Chen Shuilian *see* Guo Changzhi 116508
Chen Shuming *see* Peng Yuxing 113692
Chen Shuoqi *see* Shuoqi Chen
Chen Shuzheng *see* Gao Tie 66108
Chen Shy-Shyan *see* Shy-Shyan Chen
Chen Shyi-Ming *see* Shyi-Ming Chen
Chen Sih-Li *see* Sih-Li Chen
Chen Sihua *see* Sihua Chen
Chen Sin-Horng *see* Sin-Horng Chen
Chen Song *see* Song Chen
Chen Song-Yan *see* Sun Hong-Bo 107261
Chen Songyan *see* Peng Yuheng 65297
Chen Songyan *see* Sun Hongo 65263
Chen Szi-Wen *see* Szi-Wen Chen
Chen Tai, Pi-Yang Chiang, Way, W.I. 8-way, 70-km transmission of 33-channel 64-QAM signals utilizing 1.3-μm external modulation system and semiconductor optical amplifier 78813
Chen Tai-Ju *see* Tai-Ju Chen
Chen Tanghua *see* Cheng Muhua 70239
Chen Tao *see* Tao Chen
Chen Te-Shing *see* Te-Shing Chen
Chen Ting *see* Jin Wu 72452
Chen Tongwen *see* Tongwen Chen
Chen Tsai-Hsiang *see* Tsai-Hsiang Chen
Chen Tsantung *see* Tsantung Chen
Chen Vinchao *see* Vinchao Chen
Chen Wai-Kai *see* Wai-Kai Chen
Chen Wang *see* Huaiqing Wang 121289
Chen Wang *see* Wang Chen
Chen Wei, Liu Shizhong, Lin Jing, Zhang Guansheng Field computation and shape optimization for HV potentiometer 99737
Chen Wei *see* Wei Chen
Chen Wei-Chang *see* Zhu Guo-Hong 80215
Chen Wei-Ge *see* Wei-Ge Chen
Chen Wei-Guo *see* Wei-Guo Chen
Chen Wei-Kuo *see* Wei-Kuo Chen
Chen Wei-Min, Wang Xiao-Lin, Huang Shang-Lian Error analysis of 3-D profile measuring system using double light-source light-sectioning 79309
Chen Wei-Su *see* Wei-Su Chen
Chen Weidong *see* Weidong Chen

Chen Weiyou, Liu Shiyong Circuit model for multi-longitudinal-mode semiconductor lasers 65295
Chen Weiyou, Liu Shiyong, Peng Yuheng The band structure of superlattice composed with three materials 62846
Chen Weiyou *see* Peng Yuheng 65297
Chen Weiyou *see* Peng Yuheng 107267
Chen Weiyou *see* Sun Hongo 65263
Chen Weiyuan *see* Zhong Zhiyong 116010
Chen Weiyun, Ding Daohong Research on a novel active snubber circuit 113759
Chen Wen, Qiu Shui Sheng A new approach for nonlinear parametric excitation systems 104387
Chen Wen-Chin *see* Wen-Chin Chen
Chen Wen-Chung *see* Wen-Chung Chen
Chen Wen-Hsien *see* Wen-Hsien Chen
Chen Wen-Rong *see* Wen-Rong Chen
Chen Wen-Shiung *see* Wen-Shiung Chen
Chen Wen-Tsuen *see* Wen-Tsuen Chen
Chen Wen-Yuan *see* Wen-Yuan Chen
Chen Wenbo *see* Zhao Jian 69573
Chen Wenge, Huang Benxiong, Yang Zongkal, Huang Tiexia The effective attenuation coefficient of airborne oceanic lidar system 101568
Chen Wenyi *see* Tian Feng 119870
Chen Wenyi *see* Wenyi Chen
Chen Wu *see* Navarro, E.A. 116953
Chen Wu *see* Yihong Qi 97118
Chen Wu-Ton *see* Wu-Ton Chen
Chen Xian Zhen *see* Xian Zhen Chen
Chen Xiane *see* Sun Lingling 84496
Chen Xiang-Fei *see* Xiang-Fei Chen
Chen Xiangdong *see* Xiangdong Chen
Chen Xiangfeng *see* Xiangfeng Chen
Chen Xiangjun *see* Pang Wenning 69822
Chen Xianlu, Huang Yong, Zhang Jinyu, He Jinliang Calculation formula of impulse grounding resistance for grounding device of power–transmission tower 91212
Chen Xianzhi *see* Zhang Xiongwei 117283
Chen Xiao-Min *see* Xiao-Min Chen
Chen Xiao-Yuan *see* Xiao-Yuan Chen
Chen Xiaobao *see* Xiaobao Chen
Chen Xiaobo, Zhang Guangyin, Hao Zhao, Xu Jingjun, Zhang Chunpin Experimental investigation of an integrating photonic "Quadrode" model and an applied device –novel filter 65432
Chen Xiaochuan, He Weijun, Wang Ren, Gao Shibin Microprocessor based integrated system of the fault locator and wave recorder for electric traction system 112554
Chen Xiaodong *see* Xiaodong Chen
Chen Xiaoguang, Nie Zaiping, Ruan Yingzheng A numerical solution of the 2.5-dimensional problem on quasi-static current field [in well logging] 65754
Chen Xiaoguang *see* Xiaoguang Chen
Chen Xiaojian, Liu Jun, Zheng Xuefan Computer optimization and device experimental result of hetero-layer-structures for AlGaAs/InGaAs power PHEMT application 62239
Chen Xiaojian *see* Sun Xiaopeng 73709
Chen Xiaojun *see* Xiaojun Chen
Chen Xiaolong *see* Wang Cong 75309
Chen Xiaoming Analysing the wideband characteristic of the parallel-plate capacitor by using the finite-difference time-domain method 62379
Chen Xiaoming *see* Xiaoming Chen
Chen Xiaoqiang *see* Xiaoqiang Chen
Chen Xiaotao *see* Xiaotao Chen
Chen Xiaoyuan *see* Wu Wei 105535
Chen Xiaoyuan *see* Xiong Sibei 64095
Chen Xiaoyuan *see* Xiaoyuan Chen
Chen Xiaozhu *see* Zhang Zaixuan 64664
Chen Xilin *see* Xilin Chen
Chen Xinghao *see* Xinghao Chen
Chen Xingwu *see* Dai Xiaofang 65565
Chen Xingying *see* Chen Huaijin 120998
Chen Xinyu *see* Wu Ying 73707
Chen Xiying *see* Xiying Chen
Chen Xuejun *see* Zheng Tianxue 121363
Chen Xueqing, Ruan Qiantu, Zheng Tongxin, Xe Guangyu Sensitivity coordination method for hierarchical optimization of economic dispatching of hydrothermal power systems 111484
Chen Xuexian *see* Sun Xun 75382
Chen Xueyan *see* Hu Linxian 80798
Chen Xueyun *see* Hu Linxian 91043
Chen Xueyun *see* Hu Linxian 111525
Chen Xueyun *see* Yu Zanxun 111526
Chen Xujian *see* Ying Chaofu 65566
Chen Xusheng *see* Xusheng Chen
Chen Yan *see* Chen Qijin 83804
Chen Yan *see* Yan Chen
Chen Yan-Feng *see* Yan-Feng Chen
Chen Yang *see* Zhang Zaixuan 64664
Chen Yao-Ping *see* Yao-Ping Chen
Chen Yaw-Wu *see* Yaw-Wu Chen
Chen Ye *see* Ye Chen
Chen Yen-Kuang *see* Yen-Kuang Chen
Chen Yen-Liang *see* Yen-Liang Chen
Chen Yen-Wei *see* Yen-Wei Chen
Chen Yen-Wen *see* Yen-Wen Chen
Chen Yeong-Her *see* Yeong-Her Chen
Chen Yeong-Maw *see* Yeong-Maw Chen
Chen Yi-Chiun *see* Yi-Chiun Chen
Chen Yi-Yao *see* Dai Ning 73135
Chen Yifeng, Xing Anna Digital signal processing for the photo incremental rotary encoder 117445
Chen Yihong, Sun Yan, Xiao Liangyong Design of a broad band matching network of a sleeve antenna using the real frequency method 85974
Chen Yihong, Yan Dong, Zhang Hongyue Realization of adaptive Kalman filter in TMS320C30 and its application 76892
Chen Yii-Yen *see* Yii-Yen Chen
Chen Yijiang *see* Yijiang Chen
Chen Yinbao *see* Yinbao Chen
Chen Yinchao *see* Yinchao Chen
Chen Ying-Chung *see* Ying-Chung Chen
Chen Ying-Fei *see* Kislinskii, Yu.V. 84909
Chen Yingjian *see* Yingjian Chen
Chen Yiqiang *see* Yiqiang Chen
Chen Yisheng *see* Sun Xun 75382
Chen Yit-Tsong *see* Yit-Tsong Chen
Chen Yixin *see* Zhou Jun 100274
Chen Yiyuan *see* Chen Jun 97084
Chen Yiyuan *see* Zhu Zhenhai 97212
Chen Yiyuan *see* Yiyuan Chen
Chen Yong-Ming *see* Yong-Ming Chen
Chen Yongbin *see* Yang Junyou 71392
Chen Yonghong, Xue Yusheng Incorporation of fast valving and generator tripping in the integrated EEAC 70739
Chen Youming *see* Youming Chen
Chen Young-Shying *see* Young-Shying Chen
Chen Yu-an *see* Yu-an Chen
Chen Yu-Chuan *see* Yu-Chuan Chen
Chen Yu-Guang *see* Yu-Guang Chen
Chen Yuchuan *see* Lai Tianshu 65174
Chen Yue *see* Yue Chen
Chen Yuelian *see* Yuelian Chen
Chen Yufei *see* Yufei Chen
Chen Yung-Hsiang *see* Yung-Hsiang Chen
Chen Yung-Kuang *see* Yung-Kuang Chen
Chen Yung-Sheng *see* Yung-Sheng Chen
Chen Yung-Tien *see* Yung-Tien Chen
Chen Yung-Yaw *see* Yung-Yaw Chen
Chen Yunlun *see* Sun Zhijie 112046
Chen Yunping, Zhou Li The theory and practice of the operation order generated by computer [power system automation] 80872
Chen Yunping *see* Li Ruomei 71181
Chen Yutao *see* Xia Liansheng 62578
Chen Yuung-Jih *see* Yuung-Jih Chen
Chen Yuzhe *see* Yuzhe Chen
Chen Zen *see* Zen Chen
Chen Zhangchao, Gu Jie Planning and automation of power distribution network 81042
Chen Zhangehao, Gu Jie Planning and automation of power distribution network 70876
Chen Zhangxin *see* Zhangxin Chen
Chen Zhaobo Development of nuclear power in China 91283
Chen Zhaoqing *see* Zhaoqing Chen
Chen Zhaoyu *see* Guo Wenyan 78963
Chen Zhe *see* Wang Wei 109836
Chen Zheng *see* Zheng Chen
Chen Zhenghao *see* Yuan Zhenyu 110151
Chen Zhenghao *see* Zhenghao Chen
Chen Zhenning, Zhang Qiudao, Yan Li, Liu Jinghua Effects of electrolytes on the electrochemical behavior of PbO_2/$PbSO_4$ electrode 112246
Chen Zhenning *see* Dong Baoguang 81716
Chen Zhenping *see* Zhenping Chen
Chen Zhensheng On-line fault detection for 10 kV switchgear 81602
Chen Zhenxiang *see* Shuai Jianwei 77114
Chen Zhi *see* Zhi Chen
Chen Zhi Yi *see* Tsui Hung Tat 86868
Chen Zhi-Liang *see* Zhi-Liang Chen
Chen Zhifei *see* Sun Changzhi 103132
Chen Zhigang *see* Zhigang Chen
Chen Zhihao *see* Zhihao Chen
Chen Zhiming *see* Zhiming Chen
Chen ZhiNing *see* ZhiNing Chen
Chen Zhiwen *see* Zhiwen Chen
Chen Zhixiang *see* Zhixiang Chen
Chen Zhiye *see* Li Gengyin 90950
Chen Zhiyun, Liu Xiaowei, He Yandong, Duan Xiaorong, Xu Mingzhen, Tan Changhua A computer aided test system for the analysis of oxide trap relaxation spectroscopy of MOS device (OTRS CAT system) 84607
Chen Zhiyun *see* Zhiyun Chen
Chen Zhizhang *see* Zhizhang Chen
Chen Zhong *see* Zhong Chen
Chen Zhongjia *see* Lin Zhian 73715
Chen Zhongmin *see* Yan Aru 95351
Chen Zhongmin *see* Zhongmin Chen
Chen Zhongmou A new thermionic photodetector 69176
Chen Zhongping *see* Zhongping Chen
Chen Zhuan-Ke *see* Zhuan-Ke Chen
Chen Zikuan *see* Zikuan Chen
Chen Zuojun *see* Zuojun Chen
Chen-Cheh Yu Side-lobe reduction of a symmetric broadside array by spacing perturbation 117094
Chen-Chia Wang, Davidson, F. Optical spectral analysis using moving space-charge field effects in photoconductive semiconductors 98062
Chen-Ching Liu, Seung-Jae Lee, Seong Il Lim, Chen-Ching Liu An intelligent system for protection coordination of distance relays 102270
Chen-Ching Liu *see* Chen-Ching Liu 102270
Chen-Ching Liu *see* Hanjin Miao 102327
Chen-Ching Liu *see* Mingguo Hong 121029
Chen-Chu Yeh, Barry, J.R. A simplified decision-feedback tree-search receiver for the partial erasure channel 115805
Chen-Chuan Hong *see* Bin-Kwie Chen 71144
Chen-Garcia, H.M. *see* Yun, D.Y.Y. 88437
Chen-Hsiung Lin *see* Fung-Fei Chen 80961
Chen-Kuei Yang, Wen-Hsiang Tsai Reduction of color space dimensionality by moment-preserving thresholding and its application for edge detection in color images 67033
Chen-Kuo Tsao *see* Chwen-Jye Szea 77372
Chen-Kuo Weng, Asok Ray, Xiaowen Dai Modelling of power plant dynamics and uncertainties for robust control synthesis 91306
Chen-Mayer, H.H. *see* Benenson, R.E. 110618
Chen-Min Chen *see* Chia-Hsing Lin 109279
Chen-Nee Chuah, Yates, R.D. Evaluation of a minimum power handoff algorithm 88372
Chen-Pin Kung, Chun-Jieh Huang, Chen-Shang Lin Fast fault simulation for BIST applications 61838
Chen-Shang Lin *see* Chen-Pin Kung 61838
Chen-Shou Chui, Spirou, S., LoSasso, T. Testing of dynamic multileaf collimation 80444
Chen-Tang Huang, Peng-Heng Chang, Jin-Shown Shie Photoassisted liquid-phase deposition of silicon dioxide 72858
Chen-Ti Hu *see* Horng-Yi Chang 115427
Chen-Yang Lin *see* Po-Hou Sung 65506
Chen-Yang Pan, Kwang-Ting Cheng Implicit functional testing for analog circuits 106146
Chen-Yang Yang *see* Quan-Fa Li 119310
Chen-Yi Huang *see* Chorng-Kuang Wang 95213
Chen-Yi Lee, Shih-Chou Juan, Yen-Juan Chao Finite state vector quantization with multipath tree search strategy for image/video coding 77109
Chen-Yu Chi, Rebeiz, G.M. Novel low-loss interdigitated filters for microwave and millimeter-wave applications using micromachining techniques 62202
Chen-yu Gung *see* Bruzzone, P. 95559
Chenakin, A.V. *see* Skachko, V.I. 106243
Chenard, S. Transponder demand and supply in the Asia-Pacific region: how will they match over 1995-2005? 87629
Chenebault, J. *see* Vincent, N. 111183
Chenebault, P. *see* Bagotzky, V.S. 112185
Chenevas-Paule, A. *see* Scheer, P. 85197
Chenevier, M. *see* Gicquel, A. 72928
Cheng, A., Harms, W.B., Sr., Gerber, R.L., Wong, J.W., Purdy, J.A. Systematic verification of a three-dimensional electron beam dose calculation algorithm 80512
Cheng, A. *see* Michalski, J.M. 70219
Cheng, A.F. *see* Santo, A.G. 90674
Cheng, A.S., Resch, M.T. Modeling and evaluating the scattering of Rayleigh waves by a linear distribution of surface cracks 61471
Cheng, B., Woo, J. Measurement and modeling of the n-channel and p-channel MOSFET's inversion layer mobility at room and low temperature operation 94979
Cheng, C., Johnson, M.A. Relative aggregation and random quadrat sampling 103601
Cheng, C. *see* Shen, Z.J. 113753
Cheng, C.-C. *see* Herman, I.P. 74548
Cheng, C.-C. *see* Laih, L.-W. 84489
Cheng, C.-K. *see* Kang, W.-J. 90517
Cheng, C.-K. *see* Tsai, C.-C. 61703
Cheng, C.-M. *see* Wu, C.-H. 98563
Cheng, C.F. *see* Benson, T.M. 89460
Cheng, C.L. *see* Leou, R.C. 102080
Cheng, C.S., Gomi, H., Sakata, H. Electrical and optical properties of Cr_2O_3 films prepared by chemical vapour deposition 94375
Cheng, C.W. *see* Chen, C.D. 96156
Cheng, C.Y. *see* Wang, S.J. 74674
Cheng, C.Z. *see* Ninomiya 64569
Cheng, D.Y. Intense pin-hole light source improves image quality of reflective and transmissive display systems 89222
Cheng, E.S. *see* Kowitt, M.S. 99705
Cheng, F., Lemson, P., Reed, J.H., Jacobs, I. The dynamic range enhancement technique applied to an AMPS and CDMA cellular environment 109541
Cheng, G. *see* Wu, M. 117729
Cheng, G. *see* Yuan, S. 117730
Cheng, G.G., Junji Tani, Cui, H.W., Qiu, J.H. Active control of bending-twisting coupled vibration of a plate using piezoelectric film 115460
Cheng, H. *see* Goyal, P. 118060
Cheng, H. *see* Pan, J.J. 88559
Cheng, H. *see* Whitaker, J.F. 93664
Cheng, H.-J., Whitaker, J.F., Herrick, K.J., Dib, N., Katehi, L.P.B. Electro-optic-probe system response: experiment and simulation 95830
Cheng, H.C. *see* Fung, Y.R. 90301
Cheng, H.C. *see* Jun Li 95825
Cheng, H.C. *see* Ku, T.K. 62573
Cheng, H.C. *see* Ku, T.K. 74054
Cheng, H.C. *see* Ma, M.P. 94459
Cheng, H.C. *see* Tai, Y.-H. 84368
Cheng, H.C. *see* Tai, Y.H. 74286
Cheng, H.C. *see* Ya-Hsiang Tai 94962
Cheng, H.D. *see* Chou, J. 87226
Cheng, H.D. *see* Tien-You Lee 80220
Cheng, H.H., Nicholas, R.J., Lawless, M.J., Ashenford, D.E., Lunn, B. Magneto-optical studies of the type I/type II crossover and band offset

in $ZnTe/Zn_{1-x}Mn_xTe$ superlattices in magnetic fields up to 45 T 62961
Cheng, H.J. *see* Hwang, J.R. 106962
Cheng, J. CATV and satellite development in China 109854
Cheng, J., Lawson, W., Hogan, B., Castle, M., Calame, J.P., Granatstein, V.L., Reiser, M., Metz, H. Experimental status of the 100 MW Gyroklystron system at the University of Maryland 114518
Cheng, J. *see* Bo Lu 96284
Cheng, J. *see* Calame, J.P. 100480
Cheng, J. *see* Castle, M. 62604
Cheng, J. *see* Lawson, W. 100481
Cheng, J. *see* McGillis, D.T. 70836
Cheng, J. *see* Ortiz, G.G. 75773
Cheng, J. *see* Ortiz, G.G. 107287
Cheng, J. *see* Saraph, G.P. 105043
Cheng, J.-F., McEliece, R.J. Superimposed convolutional codes 97481
Cheng, J.-Y. *see* Benton, J.L. 114863
Cheng, J.M. *see* Runge, N. 78097
Cheng, J.Y., Eaglesham, D.J., Jacobson, D.C., Stolk, P.A., Benton, J.L., Poate, J.M. Formation of extended defects in silicon by high energy implantation of B and P 105547
Cheng, J.Y. *see* Benton, J.L. 63235
Cheng, J.Y. *see* Benton, J.L. 63255
Cheng, J.Y. *see* Hao, P.H. 63099
Cheng, J.Y. *see* Moon-Ho Park 105446
Cheng, J.Y. *see* Wang, L.C. 63100
Cheng, K.-K.M. Analytical formula for calculating the coupling characteristics between parallel coplanar lines 73808
Cheng, K.-N. *see* Chen, M.-J. 117802
Cheng, K.-S., Lu, Y.-Y., Huang, J.-J., Chen, B.-H. The electrical impedance imaging system 110848
Cheng, K.-T., Chen, H.-C. Classification and identification of nonrobust untestable path delay faults 93216
Cheng, K.K.M. *see* Warburton, P.A. 62319
Cheng, K.W.E. *see* Cheung, J.Y.M. 122001
Cheng, K.Y. *see* Baillargeon, J.N. 72767
Cheng, K.Y. *see* Baillargeon, J.N. 85507
Cheng, K.Y. *see* Dua, P. 114760
Cheng, K.Y. *see* Malin, J.I. 94507
Cheng, L., Cheung, R., Sotudeh, R. Efficient model for analysis of active power filters using various controls and operating under non-ideal conditions 90937
Cheng, L., Cheung, R., Sotudeh, R. New transformation for efficient DSP control of active powerline conditioners 121672
Cheng, L., Hughes, H.D. An ATM traffic model based on empirical traffic measurements 87703
Cheng, L. *see* Cheung, R. 121756
Cheng, L. *see* Wen, J. 94950
Cheng, L.P., Preston, J., Sawyer, D.N., Taylor, J.A. Low smoke zero halogen flexible compound 70912
Cheng, M. *see* Yih, S.-J. 73447
Cheng, M.M.-L., Chuang, J.C.-I. Performance evaluation of distributed measurement-based dynamic channel assignment in local wireless communications 68085
Cheng, M.M.-L., Chuang, J.C.-I. Performance evaluation and comparison of different distributed measurement-based algorithms for dynamic channel assignment in personal communications 68151
Cheng, N.-J. *see* Chang, P.-C. 98348
Cheng, P.-C. *see* Wang, G. 110788
Cheng, P.-H., Lee, T.-D., Pan, J.-S., Tai, K., Lai, Y., Way Lin Semiconductor photonic-quantum-wire micro ring lasers 107345
Cheng, P.-H. *see* Lee, T.-D. 116517
Cheng, Q.H. *see* Wang, H.B. 75348
Cheng, R. *see* Gen, M. 92563
Cheng, R.-G., Chang, C.-J. A neural-net based fuzzy traffic controller for an ATM network 98360
Cheng, R.S. Asymptotically optimal coding strategy for L-out-of-K Gaussian channel using CDMA and successive decoding 99115
Cheng, S., Destler, W.W. Sheet beam emittance measurements by slit-pinhole method 79860
Cheng, S., Destler, W.W., Levush, B., Cranatstein, V.L., Rodgers, J., Antonsen, T.M., Jr. Saturation operation of an 86 GHz free electron laser amplifier 65008
Cheng, S., Granatstein, V.L., Destler, W.W., Levush, B., Rodgers, J., Antonsen, T.M., Jr. Experimental study of high-power, saturated amplification in a sheet-beam, small-period-wiggler FEL (with applications to magnetic fusion research) 96501
Cheng, S. *see* Chang, J.-W. 64440
Cheng, S. *see* Huang, W.M. 106248
Cheng, S. *see* Tang, Z. 99074
Cheng, S.-C., Hang, H.-M. A comparison of block-matching algorithms for VLSI implementation 83161
Cheng, S.-Y. *see* Yang, Y.-S. 98793
Cheng, S.F. *see* Krebs, J.J. 75186
Cheng, T. *see* Cole, B.E. 105186
Cheng, T.-H. ATM switch capable of supporting unichannel and multichannel transmission 77678
Cheng, T.-H. Dynamically varying the token rotation time limit of a token passing network 109117
Cheng, T.-H., Cheah, K.-L., Gunawan, E., Oh, S.-H., Smith, D.G. A moment matching approach for modelling ATM cell arrival processes 67525
Cheng, T.C. *see* Beshir, M.J. 120985
Cheng, T.C. *see* Beshir, M.J. 120986
Cheng, T.C. *see* Farag, A.S. 102136
Cheng, T.C. *see* Farag, A.S. 102909
Cheng, T.C. *see* Yaping Du 107933
Cheng, T.H., Chen, J.F., Yap, M.T. Loss performance of tagged and normal ATM cells at a partially shared buffer 77680
Cheng, T.H., Oh, S.H., Chiam, T.L., Boo, K.H. Applying neural networks to dynamic bandwidth management in ATM networks 88043
Cheng, T.H. *see* Subramanian, K.R. 78126
Cheng, T.S. *see* Drozdova, S.V. 92742
Cheng, T.S. *see* Foxon, C.T. 82693
Cheng, T.S. *see* Moskalenko, E.S. 83931
Cheng, T.T. *see* Jones, I.P. 74236
Cheng, V.W., Stark, W.E. Performance of trellis coded direct-sequence spread-spectrum with noncoherent reception in a fading environment 68038
Cheng, W., Bonanno, C.J., Xu, L. A general purpose flexible DSP 56001 development system for motion control applications 102734
Cheng, X. *see* Knight, T.J. 61419
Cheng, Y. *see* Dapkus, P.D. 107344
Cheng, Y. *see* Foss, S. 84773
Cheng, Y. *see* Gwo-Huei Luo 79869
Cheng, Y. *see* Weng, W.T. 79872
Cheng, Y.-C., Lu, E.-H., Chang, T., Lu, P.-C. A new step-by-step decoder for double-error-correcting primitive binary BCH codes in normal basis 97484
Cheng, Y.-J., Lee, T.-H., Shen, W.-Z. Design and performance evaluation of a distributed knockout switch with input and output buffers 88039
Cheng, Y.-Q., Wu, V., Collins, R.T., Hanson, A.R., Riseman, E.M. Maximum-weight bipartite matching technique and its application in image feature matching 86498
Cheng, Y.-T. *see* Chen, H.-T. 97351
Cheng, Y.B., Sykulski, J.K. A design shell for force calculations of solenoid actuators 65722
Cheng, Y.C. *see* Min, J. 84023
Cheng, Y.M., Herrick, R.W., Petroff, P.M., Hibbs-Brenner, M.K., Morgan, R.A. Degradation mechanisms of vertical cavity surface emitting lasers 96435
Cheng, Y.M. *see* Herrick, R.W. 96312
Cheng, Z., Hu, Q., Gao, S., Wu, M., Liu, Z. Stray-field loss analysis and validation 107773
Cheng, Z. *see* Lu, C. 69720
Cheng Bangyuan, Qiu Qinru, Qiu Peiliang A practical macromodel for phase-lock-loop integrated circuit 104406
Cheng Changjia 6 PSK ring codes for the Rayleigh fading channel 108125
Cheng Chee-Wai *see* Chee-Wai Cheng
Cheng Chen *see* Kuo-Hua Wang 113889
Cheng Cheng *see* Zhu Yutao 64116
Cheng Cheng *see* Cheng Cheng
Cheng Cheng-Kung *see* Cheng-Kung Cheng
Cheng Chien-Chuan *see* Chien-Chuan Cheng
Cheng Chih-Yuan *see* Chih-Yuan Cheng
Cheng Chin-Chuan *see* Chin-Chuan Cheng
Cheng Ching-Hsue *see* Ching-Hsue Cheng
Cheng Ching-Yuan *see* Ching-Yuan Cheng
Cheng Chong Hu *see* Chong Hu Cheng
Cheng Chuan-Cheng *see* Chuan-Cheng Cheng
Cheng Chung-Kuan *see* Chung-Kuan Cheng
Cheng Daoping *see* Zhang Shaohua 81330
Cheng David Ihsin *see* David Ihsin Cheng
Cheng Dong *see* Dong Cheng
Cheng Fang-Hsuan *see* Fang-Hsuan Cheng
Cheng Gang *see* Hu Hongzhang 95739
Cheng Gong *see* Gong Cheng
Cheng Gui Hou A pressure sensor made of two piezoresistive bridges 110127
Cheng Haozhong A novel quadratic formulation of load flow equations in rectangular coordinates 90951
Cheng Haozhong Multiple load flow solutions and its initial values in electric power system 90955
Cheng Haozhong An approximate algorithm of the critical state of voltage collapse in electric power systems 111451
Cheng Haozhong, Liao Peihong Computation method of harmonic power flow via reducing dimension 80788
Cheng Haozhong, Naoto Yorino The critical state of voltage collapse and its fast algorithm in electric power systems 90948
Cheng Haozhong, Yorino, N. A simplified method to evaluate closest voltage stability limits 80801
Cheng Heng-Da *see* Heng-Da Cheng
Cheng Heng-Ju *see* Heng-Ju Cheng
Cheng Ho *see* Czuchlewski, S.J. 111194
Cheng Hsing *see* Hsing Cheng
Cheng Hsiu-Fung *see* Hsiu-Fung Cheng
Cheng Hsu *see* Pant, S. 77967
Cheng Huang-Chung *see* Huang-Chung Cheng
Cheng Jen-Chieh *see* Jen-Chieh Cheng
Cheng Jiabin *see* Tie Jincheng 108303
Cheng Jiann-Jang *see* Jiann-Jang Cheng
Cheng Jui-Yin *see* Jui-Yin Cheng
Cheng Juihsi *see* Juihsi Cheng
Cheng Juing-Yi *see* Juing-Yi Cheng
Cheng Jun *see* Li Xiangmin 62540
Cheng Jun *see* Jun Cheng
Cheng Jung-Fu *see* Jung-Fu Cheng
Cheng Jung-Hui *see* Jung-Hui Cheng
Cheng Kaijia *see* Bao Zhongxing 105209
Cheng Kan, Wang Wenyi Approximations of a two-unit cold standby system's reliability behaviour 60713
Cheng Ke-Qin *see* Gong Cheng 76588
Cheng Kuei Jen *see* Viens, M. 110083
Cheng Kuei Jen *see* Zuoqing Wang 110082
Cheng Kuo-Hsing *see* Kuo-Hsing Cheng
Cheng Kuo-Sheng *see* Kuo-Sheng Cheng
Cheng Kwang-Ting *see* Kwang-Ting Cheng
Cheng Lap-Tak *see* Lap-Tak Cheng
Cheng Lei-Pone *see* Lei-Pone Cheng
Cheng Li *see* Li Cheng
Cheng Lin Yu *see* Yu Cheng Lin
Cheng Lixin *see* Zhang Xiongwei 117283
Cheng Lujun *see* Luo Enze 73943
Cheng Minfeng *see* Minfeng Cheng
Cheng Ming, Zhou E Analysis and calculation of pull-in performance of the permanent magnet synchronous motors 71290
Cheng Ming-Zhu *see* Ming-Zhu Cheng
Cheng Muhua, Zeng Shiquan, Liang Hong, Hu Ping, Chen Tanghua, Yin Taoye Evaluating the pacemaker effect with the pump parameter of gated blood-pool imaging 70239
Cheng Nai Ping, Shao Ding Rong Acousto-optic heterodyne channelizer 116149
Cheng Nai-Shuo *see* Nai-Shuo Cheng
Cheng Naiping, Li Shujian, Shao Dingrong Space-integrating acousto-optic correlator for digital pulses 95890
Cheng Nian'an *see* Dai Guangsen 110494
Cheng Nian'an *see* Yu Haijun 116574
Cheng Peng *see* Peng Cheng
Cheng Po-Tai *see* Po-Tai Cheng
Cheng Ray-Guang *see* Ray-Guang Cheng
Cheng Renjie *see* Shi Wen 121661
Cheng Rong Lu Electronic hydrotreater [Fudan Accelerator Laboratory] 79778
Cheng Ruiping *see* Sun Lianke 65116
Cheng Runwei *see* Runwei Cheng
Cheng Sao-Qin *see* Gong Cheng 76588
Cheng Sheng *see* Sheng Cheng
Cheng Shi-De *see* Shi-De Cheng
Cheng Shi-Xin *see* Shi-Xin Cheng
Cheng Shide *see* Shide Cheng
Cheng Shiduan *see* Chen Shanzhi 117984
Cheng Shiduan *see* Pang Qixiang 108830
Cheng Shiduan *see* Pang Qixiang 118097
Cheng Shiduan *see* Pang Qixiang 118098
Cheng Shiduan *see* Shiduan Cheng
Cheng Shih-Chuan *see* Shih-Chuan Cheng
Cheng Shijie *see* Wu Bin 80804
Cheng Shing-Mo *see* Shing-Mo Cheng
Cheng Shiou-Ying *see* Shiou-Ying Cheng
Cheng Shiqiu *see* Shiqiu Cheng
Cheng Shixin *see* Ji Xian 77060
Cheng Shixin *see* Nie Jingnan 119039
Cheng Shixin *see* Yi Xun 108150
Cheng Shixin *see* Shixin Cheng
Cheng Shuyu *see* Bao Zhongxing 105209
Cheng Siu Sun *see* Siu Sun Cheng
Cheng Tak-Keung *see* Tak-Keung Cheng
Cheng Tao *see* Tao Cheng
Cheng Tianxin *see* Tianxin Cheng
Cheng Tse *see* Tse Cheng
Cheng Tzong-Jih *see* Tzong-Jih Cheng
Cheng Wang-Jiunn *see* Wang-Jiunn Cheng
Cheng Wei-Kang *see* Wei-Kang Cheng
Cheng Wen-Hao *see* Wen-Hao Cheng
Cheng Wen-Jiunn *see* Wen-Jiunn Cheng
Cheng Xiang-Fei *see* Xiang-Fei Cheng
Cheng Xiwang The internal virtual focal length, vertex focal length in measurement of Selfoc material 106734
Cheng Xiwang Introduction to the preparation methods of optical successively varied media 106735
Cheng Xiwang Estimate on the trend of develop of optical fibers 106775
Cheng Xiwang The suggestion for optical parameters measurement of Selfoc material 107497
Cheng Xiwang Quantitative theory on CW stability half-self-trapping in a radial GRIN rod 107499
Cheng Xiwang Optical fiber sensor 110174
Cheng Xiwang, Miao Zhengpei Theoretical testimony for propagation of a beamlet with the identical diameter in radial gradient media 107500
Cheng Xuemin Hydro-power development of Chinese rivers 111823
Cheng Xueqing *see* Xueqing Cheng
Cheng Yanfeng *see* Zhou Chunguang 92516
Cheng Yang Ji *see* Ji Cheng Yang
Cheng Yang-Tse *see* Yang-Tse Cheng
Cheng Ye *see* Ye Cheng
Cheng Yi-Chang *see* Yi-Chang Cheng
Cheng Yi-Chen *see* Yi-Chen Cheng
Cheng Yi-Hsun Ethan *see* Yi-Hsun Ethan Cheng
Cheng Yi-Kan *see* Yi-Kan Cheng
Cheng Yi-Ping *see* Yi-Ping Cheng
Cheng Yimin *see* Yimin Cheng
Cheng Yirong *see* Hong Jun 118731
Cheng Yong *see* Jiao Zhixian 81636
Cheng Yong-Qing *see* Yong-Qing Cheng
Cheng Yuan-Tung *see* Yuan-Tung Cheng
Cheng Yuh-Jen *see* Yuh-Jen Cheng
Cheng Yuhua *see* Yuhua Cheng
Cheng Zhang *see* Zhang Cheng
Cheng Zhao-Hua *see* Zhao-Hua Cheng
Cheng Zhaohua *see* Shen Baogen 64476
Cheng Zhaoji *see* Qian Wei 80786

Cheng Zhiguang *see* Huang Jian 102810
Cheng Zhiguang *see* Li Lin 65700
Cheng Zhiguang *see* Yang Qingxin 106620
Cheng Zhiguang *see* Zheng Mei 107719
Cheng Zhimei *see* Xu Hua 65401
Cheng Zhong *see* Pooi Yuen Kam 88157
Cheng- Wen Wu *see* Yeong-Ruey Shieh 62057
Cheng-Chang Lu, Yong Ho Shin Parallel implementations of Huffman coding using associative memory 86077
Cheng-Cheng Xue *see* Ya-Lin Lu 107585
Cheng-Chieh Chang *see* Shen-Iuan Liu 83266
Cheng-Chien Kuo *see* Hong-Chan Chang 102114
Cheng-Chun Chang *see* Safaai-Jazi, A. 65397
Cheng-Chung Hu *see* Ming-Kwei Lee 94862
Cheng-Chung Jaing *see* Cheng-Chung Lee 116189
Cheng-Chung Lee, Shang-Hui Chen, Cheng-Chung Jaing Optical monitoring of silver-based transparent heat mirrors 116189
Cheng-Fa Yang *see* Jin-Shyr Yang 70966
Cheng-Geng Jan, Ruey-Beei Wu, Powen Ilsu, Dau-Chyrh Chang Analysis of edge slots in rectangular waveguide with finite waveguide wall thickness 93654
Cheng-Hong Chang The implementation of a Faraday's law machines laboratory for teaching power system and transformers 72105
Cheng-Hsiung Chen, D. *see* Chang, R.C. 62103
Cheng-Hua Lee *see* Hsiu-Fen Chou 87477
Cheng-Huang Lai *see* Wen-Ying Chang 81514
Cheng-Jian Zhang *see* Zhang Cheng-Jian
Cheng-Jung Lin *see* Wen-Yuan Chen 76858
Cheng-Kuang Liu *see* Han-Chang Tsai 85280
Cheng-Kung Cheng *see* Gwo-Ching Chang 120434
Cheng-Liang Huang, Faricelli, J.V., Antoniadis, D.A., Khalil, N.A., Rios, R.A. An accurate gate length extraction method for sub-quarter micron MOSFET's 63740
Cheng-Liang Huang, Soleimani, H., Grula, G., Arora, N.D., Antoniadis, D. Isolation process dependence of channel mobility in thin-film SOI devices 63749
Cheng-Liang Huang *see* Arora, N.D. 63930
Cheng-Lin Zhao *see* Zhao Cheng-Lin
Cheng-Seen Ho *see* Fu-Hua Chou 121287
Cheng-Shang Chang, Heidelberger, P., Shahabuddin, P. Fast simulation of packet loss rates in a shared buffer communications switch 87280
Cheng-Shang Chang *see* Le-Sheng Chou 87323
Cheng-Shong Wu, Shi-Wei Lee, Young-Tseng Hou, Yuan-Sun Chu A new preplanned self-healing scheme for multicast ATM network 118012
Cheng-Ta Hsieh *see* Beerel, P.A. 73267
Cheng-Tao Hsieh *see* Shyh-Jier Huang 120969
Cheng-Teh Hsieh, Kim, S.P. A concurrent memory-efficient VLC decoder for MPEG applications 108570
Cheng-Tsung Liu, Tzeng-Shong Yeh Parallel implementation of predictor-corrector methods for power system transient characteristic studies 70648
Cheng-Tzu Kuo *see* Chang-Shun Chen 114340
Cheng-Wen Wu *see* Shyue-Kung Lu 113995
Cheng-Wou Sou *see* Wan-Pau Hsu 81372
Cheng-Yi Wang *see* Chung-Ming Chen 101176
Cheng-Yi Wei *see* Wei Cheng-Yi
Cheng-Yuan Liou, Quan-Ming Chang Meshed snakes 108614
Cheng-Zu Wu *see* Lih-Wen Laih 115234
Chengcai Shi *see* Shi Chengcai
Chengchang Chen *see* Guang-Way Jang 116102
Chengder Chiang *see* Chiang Chengder
Chengdong Wu *see* Wu Chengdong
Chengfeng Han *see* Manmatha, R. 86432
Chengfu Li *see* Li Chengfu
Chenggang Duan *see* Duan Chenggang
Chenggang Xie Effect of emission uniformity on performance of field emission displays 79611
Chenggang Xie Field emission characteristic requirements for field emission displays 89271
Chengguang Ge Liu *see* Ge Liu Chengguang
Chengguang Wang *see* Wang Chengguang
Chengho Hsin Image motion estimation using frequency-based multiple-channel structure 87041
Chengjie Tu *see* Tu Chengjie
Chengjie Xu *see* Xu Chengjie
Chengjiu Wu *see* Yardley, J.T. 85045
Chengjiu Wu *see* Yardley, J.T. 106839
Chengjun Liu *see* Liu Chengjun
Chengke Wu *see* Wu Chengke
Chengkuo Lee, Itoh, T., Suga, T. Micromachined piezoelectric force sensors based on PZT thin films 89003
Chengliang Shen *see* Shen Chengliang
Chenglie Hu *see* Elcrat, A.R. 93008
Chenglin Gu *see* Gu Chenglin
Chenglin Li *see* Li Chenglin
Chenglu Lin, Lianwai Wang, Shiyang Zhu, Ping Liu, Hemment, P.L.F., Shichang Zou Investigation of Ti, Co and Fe silicides on SIMOX materials 84022
Chenglu Lin *see* Lianwei Wang 82667
Chenglu Lin *see* Lirong Zheng 75055
Chenglu Lin *see* Lirong Zheng 95308
Chenglu Lin *see* Shingyang Zhu 84580
Chenglu Lin *see* Wenyu Zhu 94676
Chenglu Lin *see* Zhiping He 114866
Chengquan Hu *see* Hu Chengquan
Chengshan Wang *see* Wang Chengshan
Chengshan Xiao, Hill, D.J. Stability and absence of overflow oscillations for 2-D discrete-time systems 97794
Chengshu Lee *see* Lee Chengshu
Chengshu Li *see* Li Chengshu
Chengwei Gao, Meditch, J.S. An efficient hierarchical VBR video coder over ATM networks 86713
Chengwei Zhang *see* Zhang Chengwei
Chengxiang Zhang *see* Zhang Chengxiang
Chengxiong Man *see* Man Chengxiong
Chengxiu Sun *see* Sun Chengxiu
Chengxun Wang *see* Cen, A. 67057
Chengyi Hu Parallel solutions for large-scale general sparse nonlinear systems of equations 72627
Chengyi Wang *see* Wang Chengyi
Chengyou Liu *see* Zhenlin Liu 116446
Chengyu Hu *see* Hu Chengyu
Chengyuan Wang *see* Wang Chengyuan
Chengyun Wang, Yuan Hu, Yitai Qian, Guiwen Zhao A novel method to prepare nanocrystalline SnO_2 72740
Chengyun Yin *see* Shulian Zhang 79345
Chengzao Lu *see* Jun Li 118250
Chengzeng Xu *see* Eldada, L. 85052
Chengzhao Lu *see* Jun Li 119083
Chengzhou Gu *see* Gu Chengzhou
Chengzhou Ji, Wuxing Lu, Guohui Li MeV ion implantation and application 94675
Chengzhou Ji *see* Guohui Li 84100
Chenhsin Lien *see* Yimin Huang 69129
Cheniae, M.G., Mili, L., Rousseeuw, P.J. Identification of multiple interacting bad data via power system decomposition 101737
Cheniae, M.G. *see* Mili, L. 70644
Chenjun Liu *see* Liu Chenjun
Chenlu Lin *see* Lin Chenlu
Chenming Hu *see* Banerjee, K. 94852
Chenming Hu *see* Chun Jiang 84582
Chenming Hu *see* Jiang Tao 63418
Chenming Hu *see* Jiang Tao 94841
Chenming Hu *see* Kai Chen 61711
Chenming Hu *see* Kai Chen 95012
Chenming Hu *see* Lindert, N. 63747
Chenming Hu *see* Nagisetty, R. 94672
Chenming Hu *see* Wann, C.H. 106033
Chenming Hu *see* Yuhua Cheng 114142
Chennakeshu, S., Hassan, A.A., Anderson, J.B., Gudmundson, B. Capacity analysis of a TDMA-based slow-frequency-hopped cellular system 99230
Chennakeshu, S. *see* Koorapaty, H. 109487
Chennakeshu, S. *see* Ramesh, R. 99154
Chennakeshu, S. *see* Rydbeck, N. 118875
Chennouf, A. *see* Ababou, Y. 114605
Chennouf, A. *see* Xing, Q.J. 63229
Chenoweth, D. *see* Muegge, M. 61912
Chenoweth, D.L. *see* Gold, V.E. 66908
Chenoweth, D.L. *see* Selvage, J.E. 86718
Chenoweth, M.A. *see* Garrity, E.R. 83776
Chenshu Wang *see* Amin, M.G. 118810
Chentouf, A., Fouladgar, J., Develey, G. Calculation of the impedance of an induction plasma with a thick-walled cold crucible 71911
Chentouf, A. *see* Mimoune, S.M. 71916
Chentouf, A. *see* Ploteau, J.P. 116823
Chenu, C., Royer, D., Fink, M. Defect detection by surface acoustic waves generated by a multiple beam laser 104222
Chenys, A. *see* Balevichius, S. 115973
Cheo, B.R. *see* Ke, M.K. 100771
Cheo, P.K. Self-tuning of a compact coupled-cavity APM fiber laser 65082
Cheo, P.K. *see* Ming Ding 96151
Cheol Choi Kyung *see* Kyung Cheol Choi
Cheol Hoon Park *see* You-Suk Bae 85214
Cheol Joe Myung *see* Myung Cheol Joe
Cheol Koo Bon *see* Bon Cheol Koo
Cheol Lee Won *see* Won Cheol Lee
Cheol Shin Jong *see* Jong Cheol Shin
Cheol Sung Kim *see* Heui Gyu Kim 97520
Cheol Woo You, Chang Eon Kang, Dae Sik Hong Stochastic approximation to an optimal performance of the neural convolutional decoders 97521
Cheol-Gi Kim *see* Po-Gyu Park 85811
Cheol-Gyun Lee *see* Jeong-Tae Park 111962
Cheol-Gyun Lee *see* Min-Kyu Kim 102717
Cheol-Je Joe *see* Jin-Woo Ahn 71760
Cheol-Je Joe *see* Young-Joo An 81924
Cheol-Min Park *see* Byung-Hyuk Min 84442
Cheol-Su Choe *see* Jeong-Seon Seo 74837
Cheol-Woo Kim *see* Bo-Eun Kim 61648
Cheolse Kim, Choochon Lee, Sung-Chul Shin Defect generation by hole injection in hydrogenated amorphous silicon 114577
Cheolwoo Kim *see* Boeun Kim 115347
Cheolwoo You, Daesik Hong Adaptive equalization using the complex backpropagation algorithm 108746
Cheon Byoung Yoon *see* Byoung Yoon Cheon
Cheon Changyul *see* Changyul Cheon
Cheon Il Eom *see* Jin Won Park 89488
Cheon Se Woo *see* Se Woo Cheon
Cheon Seok Park *see* Seon Kyu Park 69478
Cheon Won Choi *see* Rubin, I. 88275
Cheon Woo Shin, Inokuchi, S. Estimation of optical-flow in real time for navigation robots 67154
Cheong, C.K., Aizawa, K., Saito, T., Kaneko, M., Harashima, H. Structural motion segmentation for compact image sequence representation 86530
Cheong, F.H.K. *see* Kam, P.Y. 86104
Cheong, H.M. *see* Wickboldt, P. 94514
Cheong, S.K., Lee, K.H., Jeong, T.W. The analysis of integration test result for ATM switching systems 118721
Cheong, Y.K. *see* Zhu, S.P. 81508
Cheong Hock Gan *see* Gan Cheong Hock
Cheong Jong Min *see* Jong Min Cheong
Cheong Ku Yoon *see* Jeong-Seon Seo 74837
Cheong Lai Jo, Do Sang Kim, Gue Myung Lee Optimality for nonlinear programs containing n-set functions 103670
Cheong Loong Fah *see* Loong Fah Cheong
Cheoul-Shin Kang *see* Jong-Dug Shin 78942
Cheplakov, A. *see* Braunschweig, W. 120173
Chepumov, V. *see* Komov, A. 99907
Chepurnov, A. *see* Alimov, A. 89772
Chepurnov, A.S. *see* Grishin, V.K. 79907
Chepurnov, A.S. *see* Shvedunov, V.I. 89889
Cherabuddi, R.V., Chen, J., Bayoumi, M.A. A graph based approach to the synthesis of multi-chip module architectures 94152
Cherabuddi, R.V., Lih-Yih Chiou, Bayoumi, M.A. Simultaneous partitioning, scheduling and allocation for synthesis of multi-chip module architectures 73916
Cherdieu, J.P., Rolland, R. On the number of points of some hypersurfaces in $\mathbf{F}_q^n$ 66546
Cherdyntsev, V.A., Cozel, V.M. Nonlinear parameter filtering on the interference with variable structure 108379
Cherdyntsev, V.A., Klishevich, A.A., Ovsyannikov, A.V. Signal filtration in communication channels having limited bandwidth 117404
Cherdyntsev, V.A., Ovsyannikov, A.V. Robust interference suppression 117465
Cherehovsky, V.I. *see* Barabanov, I.R. 110568
Cheremisin, I.I. *see* Bogatyrjov, V.A. 75508
Cheremisin, I.I. *see* Bogatyrjov, V.A. 106812
Cherenshchikov, S.A., Dovbnya, A.N., Opanasenko, A.N. Secondary emission in cold-cathode magnetron injection gun 90082
Cherenshchikov, S.A. *see* Dovbnya, A.N. 90081
Cherepacha, D., Lewis, D. DP-FPGA: an FPGA architecture optimized for datapaths 113845
Cherepanov, V.A., Barkhatova, L.Yu., Petrov, A.N., Voronin, V.I. Phase equilibria in the La-Sr-Co-O system and thermodynamic stability of the single phases 81793
Cherepanov, V.B., Krasnobriyji, A.V., Kochnev, A.A. High-temperature batteries with lithium-boron alloy anodes 112245
Cherepenin, V.A. *see* Vlasov, A.N. 62594
Cherepenin, V.A. *see* Vlasov, A.N. 105054
Cherepko, S.V. *see* Pershenkov, V.S. 106020
Chereshneva, N.N. *see* Bolshakova, N.N. 75031
Cherezova, A.Yu., Kaptsov, L.N., Kudryashov, A.V. Cw industrial rod YAG:Nd^{3+} laser with an intracavity active bimorph mirror 75881
Cherfur, R., Poku, I.T., Kim, C., Thomas, C. Robust recipes for popcorn proof plastic surface mount packages 103458
Chergui, A., Deiss, J.L., Grun, J.B., Loison, J.L., Robino, M., Beserman, R. Structural and optical characteristics of pulsed laser deposited ZnSe epilayers 92772
Chergui, A., Valenta, J., Monlatte, J., Gilliot, P., Grun, J.B., Cloitre, T., Aulombard, R.L. Characterization of ZnSe epitaxial layers by four-wave mixing experiments 76126
Cheriaux, G. *see* Curley, P.F. 107219
Cheriaux, G. *see* Le Blanc, C. 96229
Cheriaux, G. *see* Lepetit, L. 119924
Cheriaux, G. *see* Loiseaux, B. 76302
Cheriti, A. *see* Ba-Razzouk, A. 121937
Cherkasov, Yu.A., Aleksandrova, E.L., Rumyantsev, A.I., Smirnov, M.V. Formation kinetics of photothermoplastic relief-phase images and an analysis of the possibility of implementing adaptive data recording 65571
Cherkasov, Yu.A., Alexandrova, E.L., Smirnov, M.V., Rumjantzev, A.I. Photothermoplastics for spectral holography 76298
Cherkasov, Yu.A. *see* Grenishin, S.G. 115997
Cherkasov, Yu.A. *see* Mazurenko, Yu.T. 76297
Cherkasova, L., Rokicki, T. Alpha message scheduling for optimizing communication latency in distributed systems 87332
Cherkauer, K. *see* de Carvalho, R.R. 77082
Cherkun, A.P. A method for pinhole drilling in rhenium foils 112633
Chern, H.L. *see* Kao, C.H. 65594
Chern, M.Y., Fang, C.C., Liaw, J.S., Lin, J.G., Huang, C.Y. Study of ultrathin $Y_3Fe_5O_{12}/Gd_3Ga_5O_{12}$ superlattices 95362
Chern Horng Nan *see* Horng Nan Chern
Chern Ming-Yang *see* Ming-Yang Chern
Chern Sheng Lin *see* Rong Seng Chang 76291
Chern Ter-Chin *see* Ter-Chin Chern
Chern Tzuen-Lih *see* Tzuen-Lih Chern
Chern-Lin Chen *see* Yueh-Ru Yang 122070
Chernega, P.I. *see* Balev, O.G. 114610
Chernenko, S.P. *see* Kheiker, D.M. 69882
Cherney, E.A. Non-Ceramic insulators-a simple design that requires careful analysis 81113
Cherney, E.A. *see* Deng, H. 64126
Cherng Jong-Sheng *see* Jong-Sheng Cherng
Cherng-Yuan Sun *see* Dz-Chi Li 74659
Chernichenkov, S. *see* David, G. 80077

Chernikov, S.B., Karapusikov, A.I., Stojanov, S.A. High power small-bore planar waveguide CO_2 laser 107102
Chernikov, S.B., Karapuzikov, A.I., Stojanov, S.A. RF excited CO_2 slab waveguide laser 116359
Chernikov, S.V., Guy, M.J., Taylor, J.R. Ultra-high repetition rate optical sources [optical fibres] 106779
Chernikov, S.V., Guy, M.J., Taylor, J.R., Moodie, D.G. Sources for ultra-high bit rate telecommunication based on an EA modulator in conjunction with soliton compression 68364
Chernikov, S.V., Taylor, J.R. Measurements of n_2 and normalization factor for random polarization in optical fibers 85013
Chernikov, S.V., Taylor, J.R. Measurement of normalization factor of n_2 for random polarization in optical fibers 116060
Chernikov, S.V. *see* Boskovic, A. 75448
Chernikov, S.V. *see* Boskovic, A. 119239
Chernikov, S.V. *see* Chang, D.I. 107149
Chernikov, S.V. *see* Gunning, P. 65342
Chernikov, S.V. *see* Gunning, P. 78710
Chernikov, S.V. *see* Guy, M.J. 78654
Chernikov, S.V. *see* Guy, M.J. 78708
Chernikov, S.V. *see* Persephonis, P. 96140
Chernikov, V.I., Issinsky, I.B., Kozlov, O.S., Mikhailov, V.A., Novikov, S.A. Status of the Nuclotron slow extraction system 100720
Chernikov, V.V. *see* Viday, Y.T. 100884
Chernin, D. *see* Kishek, R. 114493
Chernin, D. *see* Riyopoulos, S. 62588
Chernin, D.P. *see* Petillo, J.J. 105075
Chernkh, S.V. *see* Ignat'ev, V.K. 110335
Chernogubovsky, M.A., Vorogushin, M.F. Electromagnetic field vector components precise measurements in accelerating structures 100504
Chernokozhin, V.V., Zavadskii, Y.I., Pelezneva, I.A., Zinis, K.A., Enisherlova, K.L. Hybrid multielement cooled CCD-based photodetector with increased quantum efficiency for the longwave infrared range 99977
Chernokozhin, V.V. *see* Zavadskii, Y.I. 100091
Chernomordik, V., Nossal, R., Gandjbakhche, A.H. Point spread functions of photons in time-resolved transillumination experiments using simple scaling arguments 120395
Chernoplekov, N.A. *see* Kruglov, V.S. 72963
Chernousov, Yu.D. *see* Ivannikov, V.I. 75548
Chernov, A.L. *see* Kornaukhov, A.V. 73700
Chernov, A.L. *see* Kornaukhov, A.V. 73710
Chernov, A.L. *see* Kornaukhov, A.V. 73714
Chernov, A.L. *see* Zvonkov, B.N. 61277
Chernov, V.M. Fast algorithms for the two-dimensional discrete Fourier transform with splitting a nonintegral-order basis 76934
Chernozatonskii, L.A., Kosakovskaya, Z.Ya., Gulyaev, Yu.V., Sinitsyn, N.I., Torgashov, G.V., Zakharchenko, Yu.F. The influence of external factors on electron field emission from thin film nanofilament carbon structures 73941
Chernozatonskii, L.A., Kosakovskaya, Z.Ya., Gulyaev, Yu.V., Sinitsyn, N.I., Torgashov, G.V., Zakharchenko, Yu.F. Influence of external factors on electron field emission from thin-film nanofilament carbon structures 83709
Cherns, D. *see* May, P.W. 72926
Chernukha, E. Utilization of chaotic system properties to improve measurement quality 119651
Chernukhin, Y.V. *see* Guzik, V.F. 113235
Chernushich, A.P. *see* Stepanov, G.V. 85261
Cherny, I.V., Pankin, A.A., Pantzov, S.Yu. Absolute in flight calibration of airborne multichannel mm-wave imaging radiometer 111263
Chernyak, L., Lyakhovitskaya, V., Richter, S., Jakubowicz, A., Manassen, Y., Cohen, S.R., Cahen, D. Electronic effects of ion mobility in semiconductors: mixed electronic-ionic behavior and device creation in Si:Li 105107
Chernyak, L., Osinsky, A., Temkin, H., Yang, J.W., Chen, Q., Asif Khan, M. Electron beam induced current measurements of minority carrier diffusion length in gallium nitride 114635
Chernyak, L. *see* McAlpine, N.S. 62824
Chernyak, V.M. *see* Avakyants, L.I. 107146
Chernyak, V.M. *see* Bikmatov, R.G. 96160
Chernyak, V.M. *see* Eimerl, D. 85613
Chernyakov, V.A. *see* Antonov, S.S. 102474
Chernykh, A.V. *see* Mikhailov, G.M. 94819
Chernyshev, A.V. Special traits of the formation of higher harmonic components in the remagnetization of thin sheet specimens by the field of a superposed transducer 119615
Chernyshov, L. *see* Lukov, N. 112518
Chernyshov, L. *see* Lukov, N. 112519
Cheron, B. *see* Colaitis, M.-J. 77509
Cheron, G., Draye, J.-P., Bourgeios, M., Libert, G. A dynamic neural network identification of electromyography and arm trajectory relationship during complex movements 70108
Cherpak, N.T., Izhyk, E.V., Kirichenko, A.Ya., Kosmyna, M.B., Velichko, A.V. Dielectric constant characterization of large-area substrates in millimeter wave band 79653
Cherradi, A., Desgardin, G., Provost, J., Raveau, B. "New frontiers of the use of microwave to sinter ceramics" 72962
Cherri, A.K. High-radix signed-digit arithmetic using symbolic substitution computations 85171
Cherri, A.K., Khachab, N.I. Canonical quaternary signed-digit arithmetic using optoelectronics symbolic substitution 95905
Cherri, A.K. *see* Alam, M.S. 75628
Cherry, A.D., Cudd, P.A., Hawley, M.S. Providing rehabilitation integrated systems using existing rehabilitation technology 70249
Cherry, E.M. Input impedance and output impedance of feedback amplifiers 93154
Cherry, E.M., Huijsing, J.H., Eschauzier, R.J.H. Comments on "A 100-MHz 100 dB operational amplifier with multipath nested Miller compensation structure" [and reply] 61664
Cherry, M.L. *see* Elliott, S.R. 80104
Cherry, M.L. *see* Macri, J.R. 80155
Cherry, M.L. *see* Macri, J.R. 101024
Cherry, S.R., Shao, Y., Siegel, S., Silverman, R.W., Mumcuoglu, E., Meadors, K., Phelps, M.E. Optical fiber readout of scintillator arrays using a multi-channel PMT: a high resolution PET detector for animal imaging 101340
Cherry, S.R., Yiping Shao, Siegel, S., Silverman, R.W., Mumcuoglu, E., Meadors, K., Phelps, M.E. Optical fiber readout of scintillator arrays using a multi-channel PMT: a high resolution PET detector for animal imaging 90348
Cherry, S.R. *see* Levin, C.S. 101116
Cherry, S.R. *see* Mumcuoglu, E.U. 101327
Cherry, S.R. *see* Mumcuoglu, E.U. 110687
Cherry, S.R. *see* Pignon, D. 64848
Cherry, S.R. *see* Siegel, S. 90207
Cherry, S.R. *see* Siegel, S. 100926
Cherry, S.R. *see* Wang, Y.J. 80049
Cherry, S.R. *see* Yiping Shao 90349
Cherry, S.R. *see* Yiping Shao 101110
Cherry, S.R. *see* Yiping Shao 101120
Chertishchev, V.V. *see* Fedyanin, V.Ya. 71107
Chertok, I. *see* Knuth, T. 89788
Chertok, I.L. *see* Sukhina, B.N. 79806
Chertouk, M., Heiss, H., Xu, D., Kraus, S., Klein, W., Bohm, G., Trankle, G., Weimann, G. Metamorphic InAlAs/InGaAs HEMTs on GaAs substrates with a novel composite channels design 62299
Chertov, A.A. *see* Luchinskii, A.V. 121563
Cherubini, G., Olcer, G., Ungerboeck, G. Self-training adaptive equalization for multilevel partial-response transmission systems 66215
Cherubini, G., Olcer, S., Ungerboeck, G. Adaptive analog equalization and receiver front-end control for multilevel partial-response transmission over metallic cables 77954
Cherukuri, J. *see* Srivastava, A. 79595
Cherukuri, K.C. *see* Sharangpani, R. 74998
Cherukuri, N., Liao, J.-M. A high-density low-cost multi-chip package (MCP) solution 103459
Chervenak, A.L. Storage systems for video service 119501
Chervonenkis, A.J. *see* Gertsev, K.F. 79893
Chervy, B. The influence of the presence of tungsten on SF_6 arc plasmas 104987
Chervyakov, N.I., Veligosha, A.V., Kalmykov, I.A., Ivanov, P.E. Digital filters in the system of residue classes 66775
Cheselka, M. *see* Hege, E.K. 77195
Cheshire, J. *see* Chester, A. 67662
Cheshire, S., Baker, M. Internet mobility 4×4 118129
Cheshmehdoost, A., Jones, B.E. Design and performance characteristics of an integrated high-capacity DETF-based force sensor 88979
Chesi, E. *see* Antinori, F. 120156
Chesi, E. *see* Seguinot, J. 69714
Chesmore, E.D. Environmental instrumentation–a vehicle for multidisciplinary education in electronic engineering degrees 72127
Chesney, D.A., Axelson, P.W. Preliminary test method for the determination of surface firmness [wheelchair propulsion] 110949
Chesnokov, S., Dolzhenko, D., Ivanchik, I., Khokhlov, D. Far-infrared photodetectors based on $Pb_{1-x}Sn_xTe(In)$ 69134
Chesnokov, Yu.A. *see* Baranov, V.I. 100730
Chesnokov, Yu.A. *see* Biryukov, V.M. 100729
Chesnoy, A., Bense, D., Briolat, C. Radiopositioning of mobiles in a densely built up urban area and applications to RATP bus fleet management and passenger information 100325
Chesnutt, S.W. *see* Fisher, M.J. 81236
Chess, D.G. *see* Milne, A.D. 69953
Chester, A., Hanes, R., Cheshire, J. Service creation tools for speech interactive services 67662
Chester, D. *see* Shoupu Chen 101441
Chester, D.B. The Harris video teleconferencing chip set 109177
Chester, D.B. Digital IF up conversion for economical wireless implementations 109367
Chester, D.B. High-speed DSP applied to a multimedia chip set 118532
Chester, D.B. *see* Fakatselis, J. 104654
Chester, N.S. *see* Harding, D.J. 89795
Chester, N.S. *see* Harding, D.J. 89796
Cheswick, B., Bellovin, S.M. A DNS filter and switch for packet-filtering gateways 117980
Chesworth, B.M. *see* Petrosenko, R.D. 80409
Chetkin, M.V., Akhutkina, A.I., Kurbatova, Yu.N. Magnetooptic spatial light modulator 64832
Chetkin, S.A. *see* Apollonov, V.V. 107405
Chettri, S., Ishiwaka, Y., Kimura, H., Nagano, I. Harmonic wavelets, constant Q transforms and the cone kernel TFD 97669
Chetverushkin, B.N. Simulation of semiconductor plasma on multiprocessor computer systems 63539
Cheul Shim, Wonhong Cho, Sangheon Lee, Intae Ryoo, Jaiyong Lee, SangBae Lee Ring protocol for ATM-LAN/MAN: Y-Ring protocol 78045
Cheul Shim *see* Wonhong Cho 87701
Cheun Kyungwhoon *see* Kyungwhoon Cheun
Cheung, A.S. *see* Lou, H. 109238
Cheung, B.S.K. *see* Allison, R.S. 120270
Cheung, D.T.Y., Lau, J., Chan, P.C.H. Gain stage design based on narrow-width methodology in SOI technology 104380
Cheung, J.T. *see* Seabury, C.W. 106467
Cheung, J.Y.M., Cheng, K.W.E., Kamal, A.S. Motor speed control by using a fuzzy logic model reference adaptive controller 122001
Cheung, K., Tong, K., Belongie, M. End-to-end system consideration of the Galileo image compression system 120583
Cheung, K. *see* Nunan, P. 63929
Cheung, K.-W. *see* Chan, C.-K. 99039
Cheung, K.C. *see* Tam, S.M. 99973
Cheung, K.F. *see* Abdul-Haleem, M. 68190
Cheung, K.P. On the use of Fowler-Nordheim stress to reveal plasma-charging damage 105972
Cheung, K.P., Nakamura, M., Gabriel, C.T. *(editors)* 1996 1st International Symposium on Plasma Process-Induced Damage (IEEE Cat. No.96TH8142) 103243
Cheung, K.W., Murch, R.D. Measurement, characterization and modeling of the wideband indoor channel 109360
Cheung, K.W., Murch, R.D., Ling, C.C. The fading characteristics of distributed antennas for indoor wireless systems 68232
Cheung, K.W. *see* Lim, T.K. 99842
Cheung, K.W. *see* Wang, Y.H. 78185
Cheung, K.W. *see* Wang, Y.H. 78207
Cheung, N.-M., Horner, A.B. Group synthesis with genetic algorithms 68942
Cheung, N.C. *see* Rahman, M.F. 65732
Cheung, N.W. Plasma immersion ion implantation for ULSI devices 84099
Cheung, N.W. Plasma immersion ion implantation for semiconductor processing 105561
Cheung, N.W. *see* Chan, J.S. 63238
Cheung, N.W. *see* Chu, P.K. 84103
Cheung, N.W. *see* En, W.G. 105560
Cheung, N.W. *see* Hu, C. 63478
Cheung, N.W. *see* Jiang Tao 63418
Cheung, N.W. *see* Jiang Tao 94841
Cheung, N.W. *see* Min, J. 84023
Cheung, N.W. *see* Min, J. 105552
Cheung, N.W. *see* Xiang Lu 105577
Cheung, P., Gopinath, A. Analysis of dielectric waveguides by the finite elements method using Helmholtz equation 93690
Cheung, P.Y.K. *see* Koskinen, T. 73025
Cheung, P.Y.K. *see* Sousa, J.T. 73848
Cheung, R., Cheng, L., Yu, P., Sotudeh, R. New line-interactive UPS system with DSP-based active power-line conditioning 121756
Cheung, R. *see* Cheng, L. 90937
Cheung, R. *see* Cheng, L. 121672
Cheung, R. *see* Duran, H.C. 104830
Cheung, R. *see* Parsi, K. 75263
Cheung, R. *see* Van Der Drift, E. 114933
Cheung, S.E. *see* Yann-Hang Lee 108774
Cheung, S.K. *see* Huang, X.R. 95828
Cheung, S.P. *see* Tso, S.K. 80995
Cheung, S.W. *see* Lau, H.K. 109598
Cheung, S.W. *see* Lau, H.K. 117136
Cheung, T.-S., Choi, W.-Y., Lee, S.-D., Yoon, J.-S., Kim, B.-R. Prediction of TDDB characteristics under constant current stresses [gate oxides] 75011
Cheung, T.-S., Choi, W.-Y., Lee, S.-D., Yoon, J.-S., Kim, J.-Y., Kim, B.-R. Prediction of gate oxide breakdown under constant current stresses 115366
Cheung, T.-S. *see* Choy, C.-S. 63865
Cheung, W.N. Simulation of photonic noise in optocouplers 64980
Cheung, W.N., Edwards, P.J., Zhang, T. Modelling of sub-shot noise optocouplers using relative noise difference 85317
Cheung, W.N. *see* Li, L. 75975
Cheung, W.Y. *see* Eskildsen, L. 78688
Cheung, W.Y. *see* Grubb, S.G. 65109
Cheung, W.Y. *see* Hansen, P.B. 88615
Cheung, Y.P. *see* Tso, S.K. 89016
Cheung Kar-Ming *see* Kar-Ming Cheung
Cheung Kwan-Fai *see* Kwan-Fai Cheung
Cheung Kwok-Wai *see* Kwok-Wai Cheung
Cheung Nim *see* Nim Cheung
Cheung Shun Yan *see* Shun Yan Cheung
Cheung Siu-Leung *see* Siu-Leung Cheung
Cheung To-Yat *see* To-Yat Cheung
Cheung Tsz Shing *see* Tsz Shing Cheung
Cheung-Wei Lam, Powell, J. Use simulation to spot and fix EMI problems 97164
Cheushev, V.A., Kochergov, E.G., Popel, D.V. Verification of the recognized text in document understanding systems 108633
Chevalier, F.Le *see* Le Chevalier, F.
Chevalier, H. Next generation civil aviation radiocommunications: Digital transmission of voice 99372

Chevalier, P., Picinbono, B. Complex linear-quadratic systems for detection and array processing 117329
Chevalier, P. *see* Picinbono, B. 66779
Chevalier, R. *see* Fahmi, A. 76218
Chevalier, R. *see* Sahraoui, B. 116666
Chevalier, Y. *see* Ongareau, E. 66070
Chevallier, J. *see* Theys, B. 94360
Chevallier, R. *see* Barge, M. 96774
Chevallier, R. *see* Barge, M. 98266
Chevarier, A. *see* Somatri, R. 92722
Chevarier, N. *see* Somatri, R. 92722
Cheverst, K., Davies, N., Friday, A., Blair, G.S. Services to support consistency in mobile collaborative applications 118341
Cheverst, K. *see* Davies, N. 87665
Cheverst, K.W.J. *see* Friday, A.J. 98502
Chevrel, P., Auger, F., Machmoum, M. H_∞ control for a single-phase active power filter: a systematic approach 120989
Chevrel, P., Sicot, L., Siala, S. Switched LQ controllers for DC motor speed and current control: a comparison with cascade control 121502
Chevrier, C. *see* Berger, M.-O. 108397
Chevrier, F. *see* Freer, J.A. 117875
Chevrier, F. *see* Ravard, O. 97133
Chevrier, J. *see* Gallas, B. 103969
Chevrier, J.B. *see* Van Gerwen, P. 89066
Chevrier, P. *see* Fievet, C. 112143
Chevroulet, M. *see* Smith, T. 89023
Chevry, M. *see* Adam, W. 69709
Chevy, A. *see* Lang, O. 114767
Chew, H.W.V., Inigo, R.M. Electric wheelchair propulsion by induction motors 101442
Chew, K.H. *see* Hammons, T.J. 91111
Chew, K.H. *see* Hammons, T.J. 102049
Chew, N.G. *see* Keene, M.N. 75350
Chew, S., Sim, A. Monitoring partially-cured epoxy adhesives in disk-drive sub-assembly by thermal analysis (TA) techniques 75269
Chew, W.C., Gan, H., Lin, J.H., Lu, C.C., Otto, G., Song, J.M., Wagner, R.L., Weedon, W.H. Forward and inverse scattering problems in electromagnetic waves 76408
Chew, W.C., Jin, J.M. Perfectly matched layers in the discretized space: an analysis and optimization 97029
Chew, W.C., Weedon, W.H., Moghaddam, M. Inverse scattering and imaging using broadband time-domain data 99627
Chew, W.C. *see* Lin, J.H. 97018
Chew, W.C. *see* Michielssen, E. 107858
Chew, W.C. *see* Michielssen, E. 116853
Chew, Y.T. *see* Khoo, B.C. 69566
Chew Chye-Guan *see* Chye-Guan Chew
Chew Kok-Kia *see* Kok-Kia Chew
Chew Lim Tan *see* He, S. 87119
Chew Siou Teck *see* Siou Teck Chew
Chew Weng Cho *see* Weng Cho Chew
Chew Weng Leong *see* Leong Chew Weng
Chew-Hoe Ang *see* Man-Siu Tse 63711
Chey, W.Y. *see* Wenwei Qiao 70138
Chhabra, D. *see* Yen Fu 115730
Chhagan Lal *see* Gangotri, K.M. 91747
Chhajed, D. *see* Sikora, R. 104941
Chhaya, H.S., Gupta, S. Throughput and fairness properties of asynchronous data transfer methods in the IEEE 802.11 MAC protocol 87850
Chi, C. *see* Nauka, K. 106127
Chi, C.-Y. *see* Feng, C.-C. 97858
Chi, D.M. *see* Badler, N.I. 80164
Chi, F. *see* Broadhead, J. 81692
Chi, G.C. *see* Chih-Hao Lee 74257
Chi, G.C. *see* Lin, C.F. 74260
Chi, J. *see* Hwang, Y. 83449
Chi, J. *see* Hwang, Y. 83472
Chi, J. *see* Lester, J.A. 83450
Chi, J. *see* Lester, J.A. 83473
Chi, M.H. *see* Bergemont, A. 83115
Chi, P. *see* Jones, K.S. 62680
Chi, P. *see* Zagozdzon-Wosik, W. 114901
Chi, P.H. *see* Gardner, J. 74523
Chi, P.H. *see* Rao, M.V. 105589
Chi, R.J. *see* Su, J.L. 120485
Chi, S. *see* Liaw, S.K. 116412
Chi, T.J. *see* Huang, C. 84554
Chi Chang *see* Liu, J.M. 65248
Chi Chang *see* Peng, J.Z. 84392
Chi Chang *see* Yuan Tang 115216
Chi Chen-Yu *see* Chen-Yu Chi
Chi Chong-Yung *see* Chong-Yung Chi
Chi Chung Ko *see* Chin, F.-P.S. 66695
Chi Fan, Van Blerkom, D.A., Hendrick, W.L., Esener, S.C. Free-space optical interconnection: a technology comparison 85199
Chi Gou-Chung *see* Gou-Chung Chi
Chi Hua *see* Hua Chi
Chi Huisheng *see* Chen Ke 86145
Chi Huisheng *see* Xiang Bing 108200
Chi Huisheng *see* Huisheng Chi
Chi Jung Hwang *see* Dong Keun Kim 87004
Chi Kwong Li *see* Wai Kit Lam 93225
Chi Kyeong Koo *see* Kyeong Koo Chi
Chi Kyu Choi *see* Hyeon Soo Kim 61192
Chi Lai Wong *see* Kin Seng Chiang 64752
Chi Min-Hwa *see* Min-Hwa Chi
Chi Sang-Mun *see* Sang-Mun Chi
Chi Sheng *see* Jian-Hong Zhu 94551
Chi Shih Chang *see* Rosser, S.G. 112943
Chi Sien *see* Sien Chi
Chi Sing Ma *see* Ma Chi Sing
Chi Tran *see* Carin, L. 98204
Chi Wang, Zaki, K.A., Mansour, R. Modeling of generalized double ridge waveguide T-junctions 97241
Chi Wu *see* Little, B.E. 64874
Chi Wu *see* Little, B.E. 64879
Chi Yan, Xinqiao Wang, McInerney, J.G. Multistability in grating-tuned external-cavity semiconductor lasers 64847
Chi Yongchun *see* Yin Rui 80436
Chi Zheru *see* Zheru Chi
Chi Zhou *see* Zhou Chi
Chi-Chao Chao, Mao-Ching Chiu Average distance structures of trellis codes 66292
Chi-Chao Chao *see* Mao-Chiug Chiu 66492
Chi-Che Tsai *see* Jiun-Wei Horng 62016
Chi-Chien Lee, de Gyvez, J.P. Color image processing in a cellular neural-network environment 108487
Chi-Chin Chou, Sethares, W.A. Multiplication-free evaluation of polynomials via a stochastic Bernstein representation 103716
Chi-Ching Yang *see* Ciann-Dong Yang 80738
Chi-Der Lin *see* Jin-Shyr Yang 70966
Chi-Faang King, Chin-Chuan Han, Kuo-Chin Fan A block growing approach to the finding of reading order of Chinese newspapers 87122
Chi-Feng Li *see* Der-Yuh Lin 94496
Chi-haur Wu, Shih-Lang Chang, Lee, D.T. A study of neuromuscular-like control in rehabilitation robot 80493
Chi-Ho Lin, Jong-Wha Chong An hardware allocation algorithm for the interconnection minimization 68017
Chi-Ho Lin, Jong-Wha Chong A scheduling algorithm for conditional resources sharing consideration 82829
Chi-Hsing Chu *see* Ming-Kwei Lee 89093
Chi-Hung Chen *see* Yung-Yaw Chen 80435
Chi-Hung Hwang *see* Wei-Chung Wang 100364
Chi-Hyuck Jun *see* Woo-Yong Choi 77647
Chi-Jain Wen, Hon-Fai Yau, Bor-Shenn Jeng Optimal segmentation of handwritten Chinese signatures using wavelet transforms 117763
Chi-Jui Wu, Shih-Shong Yen, Jer-Yang Sheu, Chao-Hui Lee, Tzong-Yih Guo, Jin-Phong Liu Investigation of 161 kV arc furnace on power quality 122099
Chi-Jui Wu *see* San-Yi Lee 80824
Chi-Jui Wu *see* Wei-Nan Chang 81539
Chi-Kuang Sun, I-Hsing Tan, Bowers, J.E., Lundstrom, M., Gray, J. Ultrafast transport nonlinearity in ultrawide-band long-wavelength p-i-n photodetectors under high illumination 119678
Chi-Kwong Luk, P., El Khamlichi, K.D. An innovative DSP-based teaching module for electrical machine drives 71792
Chi-Kyu Choi *see* Jung-Hyung Kim 113493
Chi-Luen Wang *see* Ci-Ling Pan 116516
Chi-Luen Wang *see* Ju-Tah Tung 116431
Chi-Min Liu, Jen-Chang Liu A new intensity stereo coding scheme for MPEG1 audio encoder-layers I and II 109964
Chi-Min Liu *see* Hwan-Rei Lee 114093
Chi-Ming Chung, Ding-An Chiang, Qing Yang A comparative analysis of different arbitration protocols for multiple-bus multiprocessors 77926
Chi-Ming Lau, Adah, T., Yue Wang Coregistration of PET/MR brain images by multi-feature correlation matching 70084
Chi-Moon Han *see* Jong-Tae Park 78115
Chi-Ping Wang *see* Chien-Ching Chiu 119060
Chi-Shi Liu, Hsiao-Chuan Wang A segmental probabilistic model of speech using an orthogonal polynomial representation: application to text-independent speaker verification 76871
Chi-Shiung Hsi, Shen-Li Fu, Ming-Wei Lee Interactions between silver conductors, RuO_2 resistors, and low temperature co-fired ceramic (LTCC) substrates 104962
Chi-Son Park *see* Yoo-Sang Hwang 106317
Chi-Sun Hwang, Byung Seong Bae, Choochon Lee The isochronal annealing study on the bias stressed amorphous silicon thin film transistors 94988
Chi-Sung Laih, Sung-Ming Yen Multi-signature for specified group of verifiers 76720
Chi-Sup Jung *see* Dong-Myung Shin 76160
Chi-Taou Tsai, Anderson, H., Wai-Yeung Yip Electrical characterization of wire bonding effect 94124
Chi-Taou Tsai, Wai-Yeung Yip An experimental technique for full package inductance matrix characterization 60611
Chi-Tat Leung, Chow, T.W.S., Yam, Y.F. A least third-order cumulants objective function 92438
Chi-Tat Leung *see* Chow, T.W.S. 73609
Chi-Te Chen *see* Seliga, T.A. 120748
Chi-Wa Tong, Kai-Pu Lam Analog VLSI circuits for shortest path problems: a connectionist approach 104287
Chi-Wei Lee *see* Jenn-Yih Lin 108485
Chi-Wen Liu, Bau-Tong Dai, Ching-Fa Yeh Post cleaning of chemical mechanical polishing process 63270
Chi-Wu Mao *see* Jzau-Sheng Lin 101218
Chi-Wu Mao *see* Jzau-Sheng Lin 110796
Chi-Wu Mao *see* Jzau-Sheng Lin 120310
Chi-Wu Mao *see* Kuo-Sheng Cheng 101198
Chi-Yen Huang, Kuo-Liang Chung Faster neighbor finding on images represented by bincodes 98317
Chi-Yen Huang *see* Kuo-Liang Chung 117549
Chi-Yin Tse *see* Liew, S.C. 97875
Chi-Ying Tsui, Marculescu, R., Marculescu, D., Pedram, M. Improving the efficiency of power simulators by input vector compaction 83064
Chi-Yu Mao, Yu Hen Hu Analysis of convergence properties of a stochastic evolution algorithm 72525
Chi-Yuan Chang, Jin-Jang Loon Detection and elimination of 2-D transmission error patterns in DPCM images 117821
Chi-Yuan Wu *see* Ji-Tsu Wu 118248
Chi-Yung Lee *see* Rhee, I. 98475
Chia, S. Cellular radio access network design towards year 2000 78402
Chia, W.M., Chen, C.S., Yeh, T.R. Conceptual design of the INER cyclotron based neutron radiograph facility 110499
Chia, W.M., Chuang, C.Y., Chen, C.S., Yeh, T.R., Tseng, C.H. Case studies of neutron radiography examination at INER 104233
Chia Liang Tien *see* Liang Tien Chia
Chia Shen On ATM support for distributed real-time applications 87328
Chia Tien Lo *see* Farn Wang 77749
Chia Tsorng-Lin *see* Tsorng-Lin Chia
Chia Yuan-Jui *see* Yuan-Jui Chia
Chia-Chang Shiu *see* Wu, J.-L.C. 87286
Chia-Chen Chang, Sirkis, J. Multiplexed optical fiber sensors using a single Fabry-Perot resonator for phase modulation 89131
Chia-Chun Huang, Zheng, Y.F. Determining digitizing distances on sculptured surfaces using short time Fourier transform 77449
Chia-Chun Tsai, Sao-Jie Chen Planar routing in a pin grid array package 74786
Chia-Chun Tu *see* Ching-Her Lee 76543
Chia-Feng Juang *see* Chin-Teng Lin 117416
Chia-Fu Chen, Shiow-Fang Lo, Sheng-Hsiung Chen The synthesis and characterization of phosphorus-doped diamond films using trimethyl-phosphite as a doping source 82740
Chia-Fu Chen, Shye-Yuh Leu, Sheng-Hsiung Chen, Wen-Kuan Yeh Characterization of diamond films grown on amorphous SiO_2 61395
Chia-Haur Chang *see* Bing-Yue Tsui 105665
Chia-Hoang Lee On the motion problem of a rigid planar patch and its invariance 86680
Chia-Hsing Lin, Chen-Min Chen, Chein-Wei Jen Low power design for MPEG-2 video decoder 109279
Chia-Jong Chang *see* Win-Li Lin 120488
Chia-Wei Jau *see* Kang-Ping Lin 90449
Chia-Wen Huang *see* Fung-Fei Chen 80961
Chia-Wen Liang, Wen-Chuan Chiang, Ming-Shiann Feng Microcrystallinity of undoped amorphous silicon films and its effects on the transfer characteristics of thin film transistors 83874
Chia-Yuan Teng, Neuhoff, D.L. Quadtree-guided wavelet image coding 86743
Chiaberge, M., Miranda Sologuren, E., Reyneri, L.M. A low-power Neuro-Fuzzy pulse stream system 62126
Chialian Tseng *see* Tseng Chialian
Chialin Chang *see* Shock, C.T. 66864
Chiam, T.L. *see* Cheng, T.H. 88043
Chiam Tze-Liang *see* Tze-Liang Chiam
Chiampi, M., Ragusa, C., Repetto, M. Fuzzy approach for multiobjective optimization in magnetics 65729
Chiampi, M. *see* Appino, C. 64211
Chiampi, M. *see* Boglieni, A. 115498
Chiampi, M. *see* Bottauscio, O. 121157
Chiampi, M. *see* Canova, A. 102712
Chian Lu Chun *see* Chun Chian Lu
Chian Wang *see* Chung-Ming Huang 109215
Chian-Gauh Shih, Wei-Heng Chang, Jianshi Wang, Barlage, D.W., Chih-Chong Teng, Feng, M. Design and fabrication of a 1 Gb/s OEIC receiver for fiber-optic data link applications 78928
Chianese, D. *see* Camani, M. 91741
Chiang, C. *see* Fang, S. 84140
Chiang, C.-T. *see* Chen, Y.-H. 97392
Chiang, C.-Y., Chuang, H.-R. Design of an RF power amplifier module for 900 MHz ISM-band wireless portable phones 68154
Chiang, C.-Y., Chuang, H.-R. Design of a 900 MHz RF power amplifier module for ISM-band wireless portable phones 93162
Chiang, D. Factorization of high degree polynomials–a numerical solution 103764
Chiang, D. *see* Zari, M.C. 120940
Chiang, D.H., Schaumann, R. A CMOS fully-balanced continuous-time IFLF filter design for read/write channels 104694
Chiang, D.Y. *see* Yao, Y.D. 95393
Chiang, H.-D. *see* Fukuyama, Y. 81026
Chiang, H.-S. *see* Moore, D.F. 74918
Chiang, J.C. *see* Ikai Lo 105354
Chiang, K.S. Switching of short optical pulses and solitons in directional couplers 75456
Chiang, K.S., Wong, W.P. Rib waveguides with degenerate polarised modes 75516
Chiang, K.S. *see* Du, W. 79502
Chiang, L.P. *see* Tahui Wang 94969
Chiang, N. *see* Holstein, D. 93764
Chiang, R., Pel, E.T. Carrier specific routing for international switched transit service 118178

Chiang, R. *see* Hartung, W. 90028
Chiang, S.J. *see* Liaw, C.M. 102529
Chiang, T.-K. *see* Marhic, M.E. 65441
Chiang, T.-K. *see* Marhic, M.E. 99602
Chiang, T.-K. *see* Marhic, M.E. 107553
Chiang, T.T., Tang, Y.-K. Medical image archive node simulation and architecture 110869
Chiang, Y.C. *see* Ke, L.W. 114262
Chiang Chengder *see* Yang Tianjuh 62756
Chiang Chih-Tang *see* Chih-Tang Chiang
Chiang Chisin *see* Chisin Chiang
Chiang Ding-An *see* Ding-An Chiang
Chiang Donyau *see* Donyau Chiang
Chiang Hsaio-Dong *see* Hsaio-Dong Chiang
Chiang Hsiao-Dong *see* Hsiao-Dong Chiang
Chiang Jung-Chi *see* Jung-Chi Chiang
Chiang Kin Seng *see* Kin Seng Chiang
Chiang Ksiao-Dong *see* Ksiao-Dong Chiang
Chiang Lin, Jenq-Jong Lin, Tay-Woei Shyu Complete bipartite decompositions of crowns, with applications to complete directed graphs 103662
Chiang Lu-Ping *see* Lu-Ping Chiang
Chiang Pi-Yang *see* Pi-Yang Chiang
Chiang Ting-Kuang *see* Ting-Kuang Chiang
Chiang Tung-Hui *see* Tung-Hui Chiang
Chiang Wen-Chuan *see* Wen-Chuan Chiang
Chiang-Tsung Huang System analysis and planning for Taipower 101995
Chiang-Tsung Huang *see* Yuan-Yih Hsu 71065
Chiang-Woei Chyuan *see* Dz-Chi Li 74659
Chiantore, A. *see* Artiglia, M. 64673
Chiao, J.-C. *see* Khrais, N.N. 88655
Chiao, J.-C. *see* Vodhanel, R.S. 88651
Chiao, P., Fessler, J.A., Zasadny, K.R., Wahl, R.L. Spectral analysis using regularized non-negative least-squares estimation {positron emission tomography] 101322
Chiao Chih-Hua *see* Chih-Hua Chiao
Chiao Jung-Chih *see* Jung-Chih Chiao
Chiao Mu *see* Mu Chiao
Chiao Wen-Hua *see* Wen-Hua Chiao
Chiao-Chuan Shih *see* Chang, C.K. 109948
Chiappe, G., Davidovich, M.A., Anda, E.V. Tunneling currents in mesoscopic rings 62976
Chiappetti, D.P. *see* Coates, D.K. 111062
Chiapyng Lee *see* Gong, Y.S. 63127
Chiarabaglio, D. *see* Bottauscio, O. 121157
Chiarabaglio, D. *see* Canova, A. 102712
Chiaradia, P. *see* Fanfoni, M. 105441
Chiaraluce, F., Mastrangelo, A., Santoli, T. Shortened Reed-Solomon codes in presence of errors and erasures: Theoretical analysis and efficient decoding schemes 97483
Chiaraluce, F. *see* Borella, A. 109322
Chiaraluce, F. *see* Cancellieri, G. 88057
Chiarello, F. *see* Castellano, M.G. 106698
Chiaretti, G., Lenzi, M. Glass on silicon passive optical components 96059
Chiari, L. *see* Cavalcanti, S. 120415
Chiari, M., Giuntini, L., Mando, P.A., Taccetti, N. A setup for simultaneous many-angle measurements of elastic backscattering cross sections 100806
Chiarle, M. *see* Powers, P.S. 80600
Chiaroni, D. *see* Jourdan, A. 88603
Chiaroni, D. *see* Masetti, F. 78317
Chiarulli, D.M., Levitan, S.P. Optoelectronic-cache memory system architecture 64633
Chiarulli, D.M., Levitan, S.P., Melhem, R.P., Teza, J.P., Gravenstreter, G. Partitioned optical passive star (POPS) multiprocessor interconnection networks with distributed control 87757
Chiasson, J. Nonlinear controllers for an induction motor 91506
Chiaveri, E. Production by industry of a large number of superconducting cavities: status and future 120029
Chiaveri, E., Benvenuti, C., Cosso, R., Lacarrere, D., Schirm, K.M., Taufer, M., Weingarten, W. Analysis and results of the industrial production of the superconducting Nb/Cu cavities for the LEP 2 project 100417
Chiayu Fu, McDowell, D., Ume, C. Time integration procedures for a cyclic thermoviscoplasticity model for Pb-Sn solder applications 112882
Chiba, A., Isaka, K. Analysis of current densities induced inside a human model by the two-step process method combining the surface-charge integral equation and the finite-element method 96944
Chiba, A. *see* Michioka, C. 111928
Chiba, H., Nakamura, K., Sone, M., Fujita, H. High-level programming language for effective parallel operation of multi-DSP system 97741
Chiba, H. *see* Yasuda, A. 88781
Chiba, I. Antennas with information and signal processing function 108073
Chiba, I. *see* Haryu, K. 86000
Chiba, I. *see* Miura, R. 66129
Chiba, I. *see* Miura, R. 109576
Chiba, I. *see* Naito, I. 117073
Chiba, K. *see* Naruse, H. 109947
Chiba, K. *see* Onishi, Y. 105760
Chiba, M. *see* Mikami, S. 119439
Chiba, M. *see* Ohska, T.K. 100980
Chiba, M. *see* Okugi, T. 100782
Chiba, N., Okuda, Y., Yasutomi, F., Kawata, H., Tsukamoto, K. Specification of image features for the sensory inspection by limit samples 92307
Chiba, N. *see* Nakajima, K. 86362
Chiba, R., Ishii, T. $Pr_{0.8}Sr_{0.2}Mn_{1-x}Co_xO_3$ cathode material for SOFC operating at a reduced temperature 81798
Chiba, R. *see* Ishii, T. 81779
Chiba, T., Yamada, M., Kobayashi, F. Limitation of the signal pin density on wiring boards 60615
Chiba, T. *see* Mori, T. 118327
Chiba, T. *see* Nakagawa, T. 100786
Chiba, T. *see* Tone, H. 67824
Chiba, Y., Hayakawa, A., Wakimura, Y., Iwase, Y. STM hardware technology of the next-generation communications switching system: NS8000 series 98991
Chiba, Y., Shintani, H., Ibaragi, O., Yasuda, K. Hardware platform technologies of the next-generation communications switching system: NS8000 series 98990
Chibane, M. *see* Konczewicz, L. 74174
Chibani, L., Hage-Ali, M., Siffert, P. Electrically active defects in detector-grade CdTe:Cl and CdZnTe materials grown by THM and HPBM 94350
Chibe, H., Uno, N., Ichikawa, T., Meguro, S., Takahashi, K., Saitou, T., Sakai, S., Akita, S. R&D of superconductors for 70 MW class generators 102601
Chibisov, V.A. *see* Kaganov, S.Kh. 111044
Chibisov, V.A. *see* Zemlyakov, V.A. 111043
Chica, A.Carrillo *see* Carrillo Chica, A.
Chicco, G. *see* Bompard, E. 80768
Chicco, G. *see* Bompard, E. 122080
Chicharo, J.F., Kilani, M.T. A sliding Goertzel algorithm 117373
Chicharo, J.F. *see* Jiangtao Xi 88962
Chicharo, J.F. *see* Kilani, M.T. 108293
Chiche, R. *see* Barillet, R. 75901
Chichibu, S., Nakanishi, H., Shirakata, S., Isomura, S., Harada, Y., Matsumoto, S., Higuchi, H., Kariya, T. Preparation and characterization of $CuAl_xGa_{1-x}Se_2$ alloy layers grown by low-pressure metalorganic vapor phase epitaxy 113297
Chichibu, S. *see* Niki, S. 92685
Chichibu, S. *see* Yamada, A. 64914
Chichikalyuk, Yu.A. *see* Nagornaya, L.L. 80051
Chichikalyuk, Yu.A. *see* Nagornaya, L.L. 100997
Chick, S.E., Mendel, M.B. An engineering basis for statistical lifetime models with an application to tribology 82330
Chickamenahalli, S., Cathey, J.J. A novel variable frequency resonant commutated converter 112109
Chickov, B.N. *see* Wulker, C. 116638
Chida, K. *see* Shimizu, Y. 104568
Chida, M. *see* Hatakeyama, Y. 80219
Chida, R. *see* Masui, N. 109190
Chida, Y., Kondo, M., Matsuda, A. Interpretation of mechanism determining field effect mobility in a-Si:H TFT based on surface reaction model 94997
Chida, Y. *see* Kondo, M. 95039
Chidambarrao, D., Pelella, M.M. Modeling electromigration in multi-level interconnects 115023
Chidgey, P.J. A vision for PON systems--the WOTAN ACTS project 67952
Chidolue, G. *see* Veness, P.J. 72207
Chie Dou A timed-SDL for performance modeling of communication protocols 77765
Chie Dou Formal specification of communication protocols based on a Timed-SDL: validation and performance prospects 108869
Chieh Hao Lu, Boukli-Hacene, M. Comparison of numerical and experimental simulations of clipping induced distortion for NTSC CATV systems 109920
Chieh Yuen-Shung *see* Yuen-Shung Chieh
Chiem, N. *see* Harrison, D.J. 119643
Chien, A.A. *see* Kim, J.H. 77940
Chien, A.T. *see* Zhao, L. 75037
Chien, C.H. *see* Chao, T.S. 106028
Chien, C.H. *see* Lin, H.C. 105663
Chien, C.L. *see* Ambrose, T. 75183
Chien, C.L. *see* Jiang, J.S. 75171
Chien, C.L. *see* Jiang, J.S. 115913
Chien, C.L. *see* Sommer, R.L. 64288
Chien, C.L. *see* Sommer, R.L. 75115
Chien, C.Y. *see* Anticic, T. 90166
Chien, C.Y. *see* Chang, Y.H. 90144
Chien, D.H., Lee, C.C., Rachlin, M., Peake, A., Kole, T. Thermal analysis and measurement of plastic packaged GaAs devices 103444
Chien, D.H. *see* Lee, C.C. 96374
Chien, F.R., Ning, X.J., Stemmer, S., Pirouz, P., Bremser, M.D., Davis, R.F. Growth defects in GaN films on 6H-SiC substrates 61219
Chien, L.-C. *see* Fuh, A.Y.-G. 116769
Chien, L.-C. *see* Leroux, N. 106877
Chien, L.-C. *see* Leroux, N. 116139
Chien, M. *see* Young, M.G. 68418
Chien, S. *see* Gratch, J. 119092
Chien, S.A., Mortensen, H.B. The Multimission VICAR Planner: a fielded planning system for scientific data analysis 77334
Chien, S.A., Mortensen, H.B. Automating image processing for scientific data analysis of a large image database 98230
Chien, W.-S. *see* Sheu, T.-J. 99537
Chien, Y.-J. *see* Yuang, R.-H. 89085
Chien Chao-Hsin *see* Chao-Hsin Chien
Chien Chen, Banerjee, S. A new model for optimal routing in all-optical networks with scalable number of wavelength converters 78861
Chien Chen, Banerjee, S. A new model for optimal routing and wavelength assignment in wavelength division multiplexed optical networks 88516
Chien Chih-Hung *see* Chih-Hung Chien
Chien Chiun-Hong *see* Chiun-Hong Chien
Chien Chou *see* Chuen-Tsai Sun 112755
Chien Chung-Ping *see* Chung-Ping Chien
Chien Ping Lee *see* Shun Tung Yen 116515
Chien Sheng Wang, Dein Shaw, Yeh, E.C. The development of fuzzy ventilation controller 120517
Chien Shih-Chieh *see* Shih-Chieh Chien
Chien Sung Il *see* Sung Il Chien
Chien Tai, Pi-Yang Chiang, Way, W.I. Eight-way, 70-km transmission of 33-channel 64-QAM signals utilizing a 1.3-μm external modulation system and semiconductor optical amplifier 99574
Chien Wei-Ting Kary *see* Wei-Ting Kary Chien
Chien Yun-Ko *see* Yun-Ko Chien
Chien-Chang Chen, Chen, D.C. Multi-resolutional gabor filter in texture analysis 117544
Chien-Chang Liu *see* Kuen-Fwu Fuh 97244
Chien-Cheng Tseng *see* Soo-Chang Pei 117523
Chien-Ching Chiu, Chi-Ping Wang Polarization effect on bit-error-rate performance of indoor communication 119060
Chien-Ching Chiu, Chien-Pang Huang Inverse scattering of dielectric cylinders buried in a half space 116849
Chien-Ching Chiu, Po-Tsun Liu Image reconstruction of a complex cylinder illuminated by TE waves 120365
Chien-Chuan Cheng, Ying-Chung Chen, Horng-Jwo Wang, Wen-Rong Chen Low-temperature growth of aluminum nitride thin films on silicon by reactive radio frequency magnetron sputtering 104091
Chien-Chung Shen *see* Doverspike, R. 98681
Chien-Chung Tsai, Marek-Sadowska, M. Multilevel logic synthesis for arithmetic functions 83068
Chien-Chung Tsai, Marek-Sadowska, M. Logic synthesis for testability 93284
Chien-Fu Shih *see* Guo-Chun Liang 100264
Chien-Hsien Ho *see* Nagarajan, G.S. 71663
Chien-Hsien Hsieh *see* Hsieh Chien-Hsien
Chien-Hsing Wu, Srihari, K. Automated knowledge acquisition for the surface mount PWB assembly domain 94096
Chien-Hsing Wu, Srihari, K., Mclenaghan, A.J. A knowledge-based thermal profile identification advisor for surface mount PCB assembly 62488
Chien-Hsing Wu *see* Lambropoulos, J.C. 103825
Chien-Hsiung Lee *see* Yuh-Ming Ferng 121327
Chien-Hsiung Lee *see* Yuh-Ming Ferng 121329
Chien-Hua Lee On the matrix bounds for the solution matrix of the discrete algebraic Riccati equation 60773
Chien-Hua Lee Eigenvalue upper and lower bounds of the solution for the continuous algebraic matrix Riccati equation 92373
Chien-Huei Chen *see* Myers, G.K. 67490
Chien-Jang Wu, Tseung-Yuen Tseng Microwave surface impedances of BCS superconducting thin films 84880
Chien-Jen Liu Environmental protection of Taiwan power company 101816
Chien-Jen Wang, Ming-Shiann Feng, Shih-Hsiung Chan, Chun-Yen Chang, Janne-Hua Wu, Sze, S.M. Growth and electrical characterization of Si delta-doped GaInP by low pressure metalorganic chemical vapor deposition 72769
Chien-Li Lin *see* Wang, G. 115637
Chien-Liang Liu Jonathan *see* Jonathan Chien-Liang Liu
Chien-Meen Hwang *see* Shen, D.H. 78465
Chien-Nan Kuo, Houshmand, B., Itoh, T. Device models in FDTD analysis of microwave circuits 83414
Chien-Nan Kuo, Itoh, T., Houshmand, B. Synthesis of absorbing boundary condition with digital filter bank 97237
Chien-Nan Kuo, Ruey-Beei Wu, Houshmand, B., Itoh, T. Modeling of microwave active devices using the FDTD analysis based on the voltage-source approach 62278
Chien-Pang Huang *see* Chien-Ching Chiu 116849
Chien-Ping Lee, Der-Cherng Liu High quality quantum dots fabricated by molecular beam epitaxy 61175
Chien-Ping Lee *see* Shun-Tung Yen 107250
Chien-Ping Lee *see* Shwu-Jing Chang 74760
Chien-Ping Lee *see* Ting-Chang Chang 64906
Chien-Tung Lin *see* Ching-Tzong Su 101944
Chien-Yuan Chen, Chin-Chen Chang, Wei-Pang Yang Cryptanalysis of the secret exponent of the RSA scheme 108133
Chieng, Y.T., Cowle, G.J., Minasian, R.A. Tunable erbium-doped fibre lasers with fast mode switching speed 75858
Chieng Yew Tai *see* Yew Tai Chieng
Chiesa, E. *see* Castelli Dezza, F. 112123
Chiesa, L.Della *see* Della Chiesa, L.
Chiewtong Lau *see* Lau Chiewtong
Chifflet, J. *see* Chambon, J. 87481
Chifflet, J. *see* Mahey, P. 67602
Chigasaki, H. *see* Ozaki, T. 69287
Chigin, E.P. *see* Devyatkov, N.D. 110881
Chigirik, L.G. *see* Palagin, A.V. 73303
Chignola, B.W. *see* DeKenipp, R.J. 94147
Chignoli, F. *see* Alvsvaag, S.J. 90124
Chigrinov, V. *see* Vorflusev, V. 95880

Chigrinov, V.G. *see* Yakovlev, D.A. 89232
Chigryai, E.E. *see* Meriakri, V.V. 110342
Chigusa, Y. *see* Okamoto, S. 75478
Chih Hsin Wang Identification and measurement of scaling-dependent parasitic capacitances of small-geometry MOSFET's 63741
Chih Sieh Teng *see* Hung-Sheng Chen 63968
Chih Sieh Teng *see* Hung-Sheng Chen 106231
Chih-Ang Chen, Gupta, S.K. A satisfiability-based test generator for path delay faults in combinational circuits 82890
Chih-Chang Chen *see* Sik-Han Soh 64062
Chih-Chang Lin, Chang, D., Yu-Liang Wu, Marek-Sadowska, M. Time-multiplexed routing resources for FPGA design 104524
Chih-Chang Lin, Kuang-Chien Chen, Marek-Sadowska, M., Tien-Chien Lee, M. Sequential permissible functions and their application to circuit optimization 73231
Chih-Chang Lin, Marek-Sadowska, M., Kwang-Ting Cheng, Lee, M.T.-C. Test point insertion: scan paths through combinational logic 83073
Chih-Chang Lin, Marek-Sadowska, M., Kwang-Ting Cheng, Lee, M.T.C. Scan paths through functional logic 113861
Chih-Che Chou, Shin, E.G. Multiplexing statistical real-time channels in a multi-access network 78106
Chih-Che Chou *see* Shin, K.G. 77931
Chih-Cheng Hsieh, Chung-Yu Wu, Far-Wen Jih, Tai-Ping Sun, Horng Chang A new CMOS readout circuit design for the IR FPA with adaptive gain control and current-mode background suppression 110218
Chih-Cheng Hung A comparative study of some competitive learning algorithms for unsupervised training in image classification system 86888
Chih-Cheng Hung, Shin, S.Y., Jong, J.-Y. Use of the sigma probability in Tomita's filter 98343
Chih-Cheng Lu, Wood, C.E.C., Stone, D., Dagenais, M. Filter-free polarization insensitive wavelength conversion using a T-gate laser 68359
Chih-Chiang Chen *see* Fan Zhong 94412
Chih-Chien Hsu *see* Souyris, J.-C. 111344
Chih-Chien Hung *see* Po-Tao Chu 105674
Chih-Chien Lin *see* Lin, A.T. 105047
Chih-Chin Huang *see* Thompson, R.B. 79568
Chih-Chin Yang, Kuang-Chih Huang, Yan-Kuin Su High peak-to-valley current ratio GaAs/InGaAs/InAs double stepped quantum well resonant interband tunneling diodes at room temperature 63575
Chih-Chong Teng *see* Chian-Gauh Shih 78928
Chih-Chong Wang, Tzu-Kun Ku, Iing-Jar Hsieh, Huang-Chung Cheng Fabrication and characterization of the Pd-silicided emitters for field-emission devices 94172
Chih-Chong Wang, Tzu-Kun Ku, Ming-Shiann Feng, Iing-Jar Hsieh, Huang-Chung Cheng Fabrication and characterization of the Pd-silicided emitters for field-emission devices 74055
Chih-Chun Wei *see* Pei-Kuen Wei 100079
Chih-Hang Wu *see* Jen-Ming Chen 87184
Chih-Hao Lee, Chi, G.C., Lin, C.F., Feng, M.S., Guo, J.D. X-ray crystallographic study of GaN epitaxial films on Al_2O_3(0001) substrates with GaN buffer layers 74257
Chih-Hao Lin *see* Chung-Ming Huang 109215
Chih-Ho Yu, Jianfong Xin Using correlation function to estimate errors in optical flow computation 97988
Chih-Hsiao Chen, Griffel, G. Linewidth and lineshape analysis of multi-section DFB lasers–a transmission line approach 65194
Chih-Hsien Kung, Devaney, M.J. The design of a hand-held K-factor meter using an air-core current transformer 110278
Chih-Hsu Hsu *see* Ching-Tang Hsieh 117289
Chih-Hua Chiao, Hamada, M. Robust reliability for light emitting diodes using degradation measurements 64970
Chih-Hua Chiao, Sheng-Tsaing Tseng Applying locally optimal criterion for classifying highly-reliable products with a control 92142
Chih-Huang Lai, Matsuyama, H., White, R.L., Anthony, T.C., Bush, G.G. Exploration of magnetization reversal and coercivity of epitaxial NiO {111}/NiFe films 75145
Chih-Hui Chiu *see* Chen, Y.H. 113135
Chih-Hung Chien, Shinn-Sheng Yu, Yinchieh Lai, Jyhpyng Wang Off-axial pulse propagation in graded-index materials with Kerr nonlinearity–a variational approach 85607
Chih-Jen Lee *see* Jiung-yao Huang 86834
Chih-Kong Ken Yang, Horowitz, M.A. A 0.8 μm CMOS 2.5 Gb/s oversampled receiver for serial links 73503
Chih-Ming Ho *see* Fukang Jiang 79540
Chih-Ming Ho *see* Gupta, B. 69114
Chih-Ming Ho *see* Jin-Biao Huang 69090
Chih-Ming Ho *see* Jin-Biao Huang 119600
Chih-Ming Lin, Vittal, V., Kliemann, W., Fouad, A.A. Investigation of modal interaction and its effects on control performance in stressed power systems using normal forms of vector fields 70718
Chih-Pao Lin *see* Ping-Hue Huang 102396
Chih-Ping Hsiao *see* Jung-Hua Wang 108621
Chih-Tang Chiang *see* Chin-Ming Hong 80882
Chih-Tang Sah *see* Neugroschel, A. 63586
Chih-Tang Sah *see* Neugroschel, A. 94911
Chih-Wei Chang, Hillman, G.R., Hao Ying, Kent, T.A., Yen, J. Automatic labeling of human brain structures in 3D MRI using fuzzy logic 110690
Chih-Wei Chang, Kun-Mu Chen, Jian Qian Nondestructive measurements of complex tensor permittivity of anisotropic materials using a waveguide probe system 92981
Chih-Wei Chang *see* Hobbs, B.F. 70833
Chih-Wei Hsu, Yang, C.C. Passive mode locking of semiconductor lasers based on nonlinear directional coupling 76007
Chih-Ying Lin *see* Tian-Hua Liu 111909
Chih-Yu Huang, Kin-Lu Wong Input impedance and mutual coupling of probe-fed cylindrical-circular microstrip patch antennas 66154
Chih-Yuan Cheng *see* Meng-Huang Lee 68855
Chih-Yuan Cheng *see* Meng-Huang Lee 68856
Chih-Yuan Hu *see* Hall, R.W. 98223
Chihara, K. *see* Chen, Q. 87019
Chihara, K. *see* Matani, A. 90306
Chihara, K. *see* Matani, A. 90308
Chihara, K. *see* Sato, K. 86836
Chihray Liu, Zhu, T.C., Palta, J.R. Characterizing output for dynamic wedges 90592
Chii Horng Li *see* Kow Ming Chang 92910
Chii Liang Yung *see* Liang Yung Chii
Chii-Horng Chen, Chong-Yung Chi Peak filter and notch filter for harmonic retrieval using higher-order statistics 117493
Chii-Horng Chen, Chong-Yung Chi, Wu-Ton Chen New cumulant-based inverse filter criteria for deconvolution of nonminimum phase systems 66830
Chii-Horng Li *see* Kow-Ming Chang 72880
Chii-Horng Li *see* Kow-Ming Chang 104124
Chii-Wen Chen, Yean-Kuen Fang, Kan-Yuan Lee, Jang-Cheng Hsieh, Mong-Song Liang Improvement on fluorine effect under high field stress in tungsten-polycide gated metal-oxide-semiconductor field-effect transistor with oxynitride and/or reoxidized-oxynitride gate dielectric 74724
Chikagawa, O. *see* Akagi, K. 81760
Chikagawa, O. *see* Shiratori, A. 81775
Chikaizumi, R. *see* Makino, T. 113511
Chikama, T. *see* Naito, T. 78810
Chikama, T. *see* Nishimoto, H. 119206
Chikama, T. *see* Onaka, H. 88642
Chikama, T. *see* Onaka, H. 99481
Chikama, T. *see* Watanabe, S. 88494
Chikama, T. *see* Watanabe, S. 106805
Chikamatsu, K., Sarkissian, G., Kato, H., Ohbato, N., Kose, Y. NEL2000 series of silicon power transistors for L-band mobile communication base stations 73754
Chikamori, K. *see* Araki, T. 119743
Chikanian, A., Kumar, B.S., Smirnov, N., O'Brien, E. A momentum reconstruction algorithm for the PHENIX spectrometer at Brookhaven 69869
Chikano, Y., Kimoto, M., Maeda, R., Nogami, M., Nishio, K., Saito, T., Nakahori, S., Murakami, S., Furukawa, N. Development of a long life Ni-MH secondary battery 71672
Chikaraishi, H. *see* Ise, T. 115961
Chikaraishi, H. *see* Satow, T. 95514
Chikaraishi, H. *see* Takahata, K. 95516
Chikaraishi, H. *see* Yamada, S. 102176
Chikaura, Y. *see* Suzuki, Y. 113376
Chikawa, J.-I. *see* Katoh, T. 103837
Chikhani, A.Y. *see* Salama, M.M.A. 121233
Chikina, V.A. *see* Bondarenko, M.F. 66583
Chikovani, V.V. Precision angle orientation measurement with the use of inertial measuring unit employing low accuracy optical gyros 110370
Chikrii, A.A., Patlanzhoglu, O.M. A modification of the resolving functions method for quasilinear pursuit problems 72460
Chikyung Won *see* Greiner, H. 90911
Chil-Min Kim *see* Gyu Ug Kim 107200
Chil-Woo Lee *see* Kimura, S. 87132
Chilamakuri, S. *see* Bhushan, B. 75245
Chilcote, W.A. *see* Pohlman, S. 110728
Child, D., Smith, I.R. Long term performance modelling of a combined energy generation system 102527
Child, D., Smith, I.R., Infield, D.G. Wind, photovoltaic and battery electrical power: experience and modelling of an autonomous and grid connected system 91414
Child, J. Serial buses blaze ahead of parallel solutions 108998
Child, J. Image-processing architectures take new twists 113985
Child, R.K. *see* Roberts, G. 90696
Childress, J.R. *see* Nguyen Van Dan, F. 88987
Childs, K.D., Narum, A.D., LaVanier, L.A., Lindley, P.M., Schueler, B.W., Mulholland, G., Diebold, A.C. Comparison of submicron particle analysis by Auger electron spectroscopy, time-of-flight secondary ion mass spectrometry, and secondary electron microscopy with energy dispersive X-ray spectroscopy [IC yield] 103401
Childs, K.D., Paul, D.F., Clough, S.P. Sub-0.25 micron defect analysis on 200 mm semiconductor wafers 112984
Childs, M.A. *see* Menningen, K.L. 61368
Chile, R.H. *see* Kahalekar, S.G. 120252
Chileshe, C.M. Power factor correction of induction motors using advanced static VAr compensation 91526
Chilet, S.S., Civera, J.S., Diaz, C.S. The design of stabilizing circuits with constant current source 61597
Chilingarov, A., Sloan, T. Characterisation of GaAs detectors from Tomsk 120144
Chilla, E., Hesjedal, T., Frohlich, H.-J. Microprobe techniques in SAW measurements 101586
Chilla, J.L.A., Rocca, J.J., Martinez, O.E., Marconi, M.C. Soft-X-ray interferometer for single-shot laser linewidth measurements 100358
Chilla, J.L.A. *see* Rocca, J.J. 65019
Chilla, J.L.A. *see* Rocca, J.J. 75819
Chillakanti, P. *see* Malek, M. 104585
Chillemi, S. *see* Di Garbo, A. 110832
Chilo, J. *see* Boussetta, C. 76519
Chilo, J. *see* Delorme, N. 63894
Chilton, P. Software implementation issues in digital integrated receiver decoders 119393
Chim, W.K. A neural-network-based local-field-effect correction scheme for quantitative voltage contrast measurements in the scanning electron microscope 79233
Chim, W.K. *see* Chan, D.S.H. 99882
Chim, W.K. *see* Chen, T.P. 63695
Chim, W.K. *see* Leang, S.E. 74730
Chim, W.K. *see* Leang, S.E. 95030
Chim, W.K. *see* Liu, Y.Y. 72255
Chim, W.K. *see* Lou, C.L. 74728
Chim, W.K. *see* Lou, C.L. 74731
Chim, W.K. *see* Lou, C.L. 115189
Chim, W.K. *see* Lou, C.L. 115202
Chim, W.K. *see* Tao, J.M. 63734
Chim, W.K. *see* Tao, J.M. 103517
Chim, W.K. *see* Wittpahl, V. 96043
Chimenti, D.E. *see* Safaeinili, A. 92986
Chimenti, D.E. *see* Safaeinili, A. 104218
Chimenti, E. *see* Attolini, G. 92733
Chimenti, E. *see* Lottici, P.P. 82659
Chimenti, E. *see* Valentini, A. 61433
Chimiak, W.J., Rainer, R., Cook, J. An adaptive multi-disciplinary telemedicine system 111021
Chimiak, W.J., Rainer, R.O., Wolfman, N.T., Covitz, W. An architecture for a high-performance tele-ultrasound system 110725
Chimiak, W.J. *see* Rainer, R. 110668
Chimoon Han *see* Byungryong Kang 72393
Chimoon Han *see* Byungryong Kang 88042
Chimoon Han *see* Byungryong Kang 92127
Chimoon Han *see* DongGill Lee 77837
Chimoon Han *see* Kijin Baek 78116
Chimoon Huang *see* Tahui Wang 95014
Chimura, Y. *see* Matsunuma, K. 98890
Chin, A., Chen, W.J., Ganikhanov, F., Lin, G.-R., Jia-Min Shieh, Ci-Ling Pan, Hsieh, K.C. Microstructure and subpicosecond photoresponse in GaAs grown by molecular beam epitaxy at very low temperatures 83844
Chin, A., Lee, K. High quality Al(Ga)As/GaAs/Al(Ga)As quantum wells grown on (111)A GaAs substrates 72802
Chin, A., Lee, K.Y., Lin, B.C., Horng, S. Picosecond photoresponse of carriers in Si ion-implanted Si 94211
Chin, A., Lin, B.C. High optical quality of strained (111)B $In_{0.12}Ga_{0.88}As$/GaAs and $In_{0.12}Ga_{0.88}As/Al_{0.2}Ga_{0.8}As$ multiple quantum wells 62886
Chin, A., Lin, B.C., Chen, W.J. High quality epitaxial Si grown by a simple low pressure chemical vapor deposition at 550°C 103916
Chin, A., Lin, B.C., Gu, G.L., Hsieh, K.Y. Optical and structural properties of spontaneously formed long-range compositional modulation in (111)A and (111)B AlGaAs 74391
Chin, A., Lin, H.Y., Lin, B.C. Enhancement of the optical and electrical properties in InGaAlP/InGaP PIN heterostructures by rapid thermal annealing on misoriented substrate 74427
Chin, A. *see* Jenn-Fang Chen 74331
Chin, A.K. *see* Xuefei Tang 96285
Chin, B., Lim, K., Choan, C.Y. The effect of silicate contamination on lid adhesion properties in ceramic IC packages 92277
Chin, B., Lim, K., Chong, Y.C. Silicate contamination on ceramic IC packages and its effect on lid adhesion properties 72302
Chin, B. *see* Ziegler, J.F. 72394
Chin, F. *see* Zhong, S. 86567
Chin, F. *see* Zhong, S. 97873
Chin, F.-P.S., Chi Chung Ko Broadband source tracking using adaptive directional filter with maximally flat responses at null directions 66695
Chin, K. *see* Oku, Y. 110935
Chin, K.K. *see* Hancheng Liang 89512
Chin, L. Application of neural networks aided target tracking 108289
Chin, L.-P., Chang, J.-F. Traffic modeling for mobile cellular systems 68150
Chin, M. *see* Kalki, K. 90359
Chin, M. *see* Kalki, K. 101098
Chin, M. *see* Van Dyck, R.E. 117587
Chin, M.K. *see* Luo, C.P. 105319
Chin, R., Hallidy, W., Cruce, C., Salazar, N., Jamison, K., Patonay, G., Strekowski, L., Gorecki, T., Maklad, M. NIR-PRFS fiber optic corrosion sensor 100054
Chin, R.T. *see* Kwok-Wai Cheung 86431
Chin, R.T. *see* Kwok-Wai Cheung 86684
Chin, R.T. *see* Ying-Lun Fok 80273
Chin, S. *see* Luppov, V.G. 120085

Chin, S.L. *see* Beaulieu, R. 75385
Chin, S.L. *see* Brodeur, A. 96591
Chin, S.L. *see* Bykov, V.P. 69192
Chin, S.W. *see* Mayes, M.K. 73490
Chin, T.C. *see* Lee, T. 102767
Chin, T.P., Chang, J.C.P., Woodall, J.M., Chen, W.L., Haddad, G.I. InGaP/GaAs/InGaP double-heterojunction bipolar transistors grown by solid-source molecular-beam epitaxy with a valved phosphorus cracker 84346
Chin, T.P. *see* Chang, J.C.P. 92735
Chin, T.P. *see* Tagare, M.V. 74469
Chin, T.P. *see* Tagare, M.V. 84104
Chin, T.S. *see* Chang, W.D. 115468
Chin, T.S. *see* Chen, F.M. 115565
Chin, T.S. *see* Chen, S.K. 72954
Chin, T.S. *see* Chen, S.K. 115516
Chin, T.S. *see* Fang, J.S. 64300
Chin, T.S. *see* Fang, J.S. 115542
Chin, V.L. *see* Shi, Z. 92775
Chin, V.W.L., Egan, R.J., Osotchan, T., Vaughan, M.R., Anderson, S.C. Noncontact thickness and composition assessment of a strained AlGaAs/AlAs/InGaAs double barrier multiple quantum well structure 94543
Chin, V.W.L. *see* Osotchan, T. 100038
Chin, V.W.L. *see* Osotchan, T. 119671
Chin, Y.H., Akai, K., Funakoshi, Y., Oide, K., Satoh, K. Single-beam collective effects in the KEK B-factory 89973
Chin, Y.H., Satoh, K. Impedance budget for the KEK B-factory 89972
Chin, Y.H. *see* Obina, T. 100585
Chin Byoung-Moon *see* Byoung-Moon Chin
Chin Chang *see* Dunn, D.S. 66162
Chin Char-Ming *see* Char-Ming Chin
Chin Hung Lyan *see* Butyrin, P.A. 71226
Chin Jen Wu *see* Kow Ming Chang 92910
Chin Le-Pond *see* Le-Pond Chin
Chin Leonard *see* Chee Seng Tang 77002
Chin Shiu-Kai *see* Shiu-Kai Chin
Chin Shu-Yuan *see* Shu-Yuan Chin
Chin Soo Hone *see* Do Run Kim 90343
Chin Wan Fung, P. *see* Hai Tao Cai 117758
Chin Wong Teck *see* Wong Teck Chin
Chin Yong Ohk *see* Yong Ohk Chin
Chin Yong-Oak *see* Yong-Oak Chin
Chin-Chen Chang, Chu-Hsing Lin How to converse securely in a conference 118541
Chin-Chen Chang *see* Chien-Yuan Chen 108133
Chin-Chen Chang *see* Shin-Jia Hwang 76726
Chin-Chen Chang *see* Shin-Jia Hwang 97437
Chin-Chen Chang *see* Shin-Jin Hwang 117176
Chin-Cheng Yang Transmission and substation engineering 102915
Chin-Chi Teng, Yi-Kan Cheng, Nosenbaum, E., Sung-Mo Kang Hierarchical electromigration reliability diagnosis for VLSI interconnects 84248
Chin-Chi Teng, Yi-Kan Cheng, Rosenbaum, E., Sung-Mo Kang iTEM: a chip-level electromigration reliability diagnosis tool using electrothermal timing simulation 95192
Chin-Chi Teng *see* Li-Pen Yuan 113821
Chin-Chi Teng *see* Yi-Kan Cheng 84591
Chin-Chieh Chao, Wooley, B.A. A 1.3-ns 32-word×32-bit three-port BiCMOS register file 61906
Chin-Chih Hsu, Yamada, S., Fujikawa, H., Shida, K. A fuzzy self-tuning parallel genetic algorithm for optimization 104455
Chin-Chih Yeh *see* Hsin-Chin Chang 88237
Chin-Chou Chang, Ling-Ling Wang Color texture segmentation for clothing in a computer-aided fashion design system 108672
Chin-Chou Chen *see* Wen-Yu Tseng 78058
Chin-Chuan Cheng *see* Wen-Chau Liu 105491
Chin-Chuan Han *see* Chi-Faang King 87122
Chin-E Lin, Jeeng-Min Ling, Biao-Sheng Chang The effect of Ming-Tan pumped storage on power system dispatch 121387
Chin-Fu Shih, Sheng-Nian Yeh A heuristic-based approach of residual voltage bus transfer scheme for secondary selective substations 80855
Chin-Hsing Chen, Te-Ming Tu Computation reduction of the maximum likelihood classifier using the Winograd identity 77416
Chin-Hui Lee *see* Sankar, A. 66589
Chin-Kun Wang, Lu-Min Liu, Liao, M., Huang-Chung Cheng, Mou-Shiung Lin Enhanced metalorganic chemical vapor deposition titanium nitride film fabricated using tetrakis-dimethylamino-titanium for barrier metal application in sub-half-micron technology 105731
Chin-Laung Lei *see* Chun-I Fan 97540
Chin-Liang Wang, Ker-Min Chen A new VLSI architecture for full-search vector quantization 93401
Chin-Lin Chen, Lin, C.E. An active filter for an unbalanced three-phase system using the synchronous detection method 101691
Chin-Long Wey *see* Renyuan Huang 104730
Chin-Miin Shyu *see* Hung-Sheng Chen 106231
Chin-Ming Hong, Chih-Tang Chiang, Sinn-Cheng Lin Control of dynamic systems by fuzzy-based grey prediction controller [power system control] 80882
Chin-Sheng Wu Navigation and obstacle avoidance of the camera-guided patrolling vehicle 119740
Chin-Shun Wu *see* Jen-Jyh Hwang 71116
Chin-Ta Su *see* Jih-Jen Wu 72863
Chin-Tau Lea, Kai-Wei Ke Quantization and cost computation of MDP-based admission and routing 87504
Chin-Teng Lin, Chia-Feng Juang An adaptive neural fuzzy filter and its applications 117416
Chin-Tsar Hsu Atomic layer epitaxy growth of ZnSe on (100) GaAs using metalorganic vapor-phase epitaxy system 103851
Chin-Tu Chen *see* Chunwu Wu 80239
Chin-Tu Chen *see* Chunwu Wu 80312
Chin-Tu Chen *see* Pan, X. 101284
Chin-Wen Chuang *see* Tzuen-Lih Chern 81478
Chinchilla, N. *see* Vesecky, J.F. 111234
Chindalore, G.L. *see* Shenoy, J.N. 105516
Chinen, D., Webber, M. DSP-aided fast-acquisition modem 98935
Ching, P.C. *see* Chiu, K.M. 66570
Ching, P.C. *see* Niu, X.X. 86295
Ching, S.K., Kirby, J.R., Pitts, O.D. Plastics recycling issues for the computer industry: progress and challenges 72312
Ching, W.Y., Ming-Zhu Huang Band theoretical investigation of the Curie temperatures of modified R_2Fe_{17}-based intermetallic compounds 64219
Ching, W.Y. *see* Ming-Zhu Huang 64326
Ching Chuan Kuo, Ming Ying Kuo, Mei Shong Kuo Modeling and analysis of wideband power transmission line transformers 71382
Ching Liao *see* Kuo, C.J. 77112
Ching Lung Chang Least-squares finite element for second order boundary value problem with optimal rates of convergence 61100
Ching Tsang *see* Fontana, R.E., Jr. 115717
Ching Tsano *see* Tsann Lin 115718
Ching Wee-Soon *see* Wee-Soon Ching
Ching Wu Wen *see* Wen Ching Wu
Ching Yao Huang, Yates, R.D. Call admission in power controlled CDMA systems 118900
Ching Yeh Chaur *see* Chaur Ching Yeh
Ching-Cheng Shih, Wulff, C.R., Hartmann, R.P., Mohan, C.K. Decoding linear block codes using optimization techniques 66452
Ching-Cheng Teng *see* Chun-Tang Chao 66620
Ching-Cheng Teng *see* Chun-Tang Chao 108267
Ching-Cherng Sun, Ren-Han Tsou, Weichi Chang, Jenq-Yang Chang, Ming-Wen Chang Random phase-coded multiplexing of hologram volumes using ground glass 116778
Ching-Cherng Sun *see* Ming-Wen Chang 95655
Ching-Chih Han *see* Chao-Ju Hou 87465
Ching-Chuan Wei *see* Ruey-Bing Hwang 65554
Ching-Chyuan Yang *see* Tzu-Feng Tseng 113442
Ching-Fa Yeh, Shyue-Shyh Lin Thinner liquid phase deposition (LPD) oxide as gate insulator for small-geometry poly-Si TFTs 84402
Ching-Fa Yeh, Shyue-Shyh Lin, Lur, W. Stress in liquid-phase deposited oxide films 113398
Ching-Fa Yeh, Tai-Ju Chen, Ching-Lin Fan, Jiann-Shiun Kao Novel gate dielectric films formed by ion plating for low-temperature-processed polysilicon TFTs 105969
Ching-Fa Yeh *see* Chi-Wen Liu 63270
Ching-Fang Lin *see* Chen, B.H. 98202
Ching-Fang Lin *see* Ren Da 82306
Ching-Fu Wu *see* Lee, C.L. 109916
Ching-Hao Hsu *see* Wei-Kuo Chen 113373
Ching-Her Lee, Chia-Chun Tu, Wei-Chen Hsu Leakage analysis of higher order modes on coupled microstrip transmission lines 76543
Ching-Hsiang Shih *see* Ching-Hsing Luo 90616
Ching-Hsing Luo, Ching-Hsiang Shih Adaptive Morse-coded single-switch communication system for the disabled 90616
Ching-Hsing Luo, Hsun-Hsin Chuang, Chuen-Tzay Jean, Hung-Yan Chen Wireless speed training system in the athletic field 120333
Ching-Hsue Cheng Fuzzy repairable reliability based on fuzzy GERT 101635
Ching-Hui Chen, Hu, E.L., Mishra, U.K., Ibbetson, J.P., Xuehua Wu, Speck, J.S. Improvement in low energy ion-induced damage with a low temperature GaAs capping layer 105380
Ching-Jone Wang *see* Chun-Yueh Huang 73199
Ching-Kuang C. Tzuang *see* Guang-Jong Chou 97355
Ching-Kuang C. Tzuang *see* Kuen-Fwu Fuh 97244
Ching-Lan Chung Wilson *see* Wilson Ching-Lan Chung
Ching-Lien Huang *see* Hong-Tzer Yang 80817
Ching-Lien Huang *see* Hong-Tzer Yang 80899
Ching-Lien Huang *see* Hong-Tzer Yang 80956
Ching-Lien Huang *see* Hong-Tzer Yang 81033
Ching-Lien Huang *see* Hong-Tzer Yang 81294
Ching-Lien Huang *see* Pai-Chuan Yang 111768
Ching-Lien Huang *see* Shyh-Jier Huang 80949
Ching-Lien Huang *see* Shyh-Jier Huang 111523
Ching-Lien Huang *see* Shyh-Jier Huang 120969
Ching-Lien Huang *see* Yann-Chang Huang 121544
Ching-Lin Fan *see* Ching-Fa Yeh 105969
Ching-Long Chen Introduction on simulator model test of TALIN thermal power training center 81297
Ching-Long Su, Yin-Tsung Hwang Distributed arithmetic-based architectures for high speed IIR filter design 83232
Ching-Long Sue, Yin-Tsung Hwang Distributed arithmetic based recursive digital filter designs for high throughput applications 108264
Ching-Lung Chang *see* Yuan-Sun Chu 119426
Ching-Lung Chu *see* Jiann-Fuh Chen 71503
Ching-Mei Yang *see* Canoglu, E. 85671
Ching-Ming Lee, Ching-Ray Chang Giant energy product of a two-phase magnet with tabletlike inclusions 64470
Ching-Ray Chang, Chen, U.M., Liao, S., Lo, C.K., Liou, Y., Klik, I., Yao, Y.D., Yang, J.S. Surface topography and anisotropy of Co($\bar{1}$100)/Cr(211) bilayers 115569
Ching-Ray Chang, Jyh-Shinn Yang Local interaction field in periodic arrangement of rectangular prisms 65621
Ching-Ray Chang *see* Ching-Ming Lee 64470
Ching-Ray Chang *see* Jyh-Shinn Yang 64185
Ching-Shen Su, Li-Chung Wei Detection of environmental ultraviolet radiation by the induced electroluminescence in a ceramic detector 69158
Ching-Shing Shie *see* Hsin-Tien Chiu 72941
Ching-Tang Hsieh, Mu-Chun Su, Chih-Hsu Hsu Continuous speech segmentation based on a self-learning neuro-fuzzy system 117289
Ching-Tang Hsieh, Shih-Chieh Chien Speech segmentation and clustering problem based on fuzzy rules and transition states 76882
Ching-Te Wang *see* Chu-Hsing Lin 118155
Ching-Tien Ho *see* Bar-Noy, A. 77617
Ching-Ting Lee, How-Chiang Lee, Hsin-Hung Lai, Lih-Gen Sheu Complementary optical bistable operation with integration of two directional couplers on $LiNbO_3$ crystal 75645
Ching-Ting Lee, Lih-Gen Sheu Analysis of Nd:MgO:Ti:$LiNbO_3$ waveguide lasers with nonuniform concentration distributions 116441
Ching-Ting Lee, Ping-Lin Fan, Jiunn-Chyi Lee, Tser-Ting Kuo A novel power divider with arbitrary power division and high coupling efficiency with a single mode fibre 116082
Ching-Ting Lee *see* Lih-Gen Sheu 95736
Ching-Tsai Pan *see* Yeou-Kuang Tzeng 71831
Ching-Tsai Pan *see* Young-Huei Hong 80765
Ching-Tzong Su, Chien-Tung Lin A new fuzzy control approach to voltage profile enhancement for power systems 101944
Ching-Tzong Su, Guor-Rurng Lii Reliability optimization design of distribution systems via multi-level hierarchical procedures and generalized reduced gradient method 71603
Ching-Tzong Su, Gwo-Jen Chiou A Hopfield network approach to economic dispatch with prohibited operating zones 80826
Ching-Yan Pan *see* Jifan Hu 75147
Ching-Yen Ho *see* Lillis, J. 82861
Ching-Yin Lee, Wen-Te Ho, Wen-Shiow Kao, Bin-Kwie Chen, Shang-Tao Liu, Yen-Feng Hsu, Guan-Chih Pu, Jiann-Tyng Lin, Yii-Yen Chen Effects of unbalanced voltage on the performances of three-phase induction motors 121473
Ching-Yu Huang *see* Hung, D.C.D. 117618
Ching-Yuan Cheng *see* Shui-Jinn Wang 94893
Ching-Yuan Wu *see* Yuh-Sheng Jean 63739
Ching-Yung Yang, Ja-Chen Lin EBTC: An economical method for searching the threshold of BTC compression 117550
Ching-Yung Yang, Ja-Chen Lin RWM-cut for color image quantization 117623
Chinghong Yiu, Jian Wang Efficient method for calculating the transmission coefficient of two-dimensional quantum wire structures 114788
Chinglung Chen, Ming-Ju Tsai, Alexopoulos, N.G. Mutual coupling between microstrips through a printed aperture of arbitrary shape in multilayered media 62147
Chinglung Chen, Ming-Ju Tsai, Alexopoulos, N.G. Optimization of aperture transitions for multi-port microstrip circuits 83325
Chinglung Chen *see* Ming-Ju Tsai 83339
Chingting Lee *see* Lee Chingting
Chingyi Chuan *see* Chuan Chingyi
Chingyue Wang *see* Wang Chingyue
Chinh Dang Effect of surface conditions on the breakdown strength of various dielectric interfaces 64043
Chinh Dang, Parpal, J.-L., Crine, J.-P. Electrical aging of extruded dielectric cables: review of existing theories and data 70906
Chini, A., El-Tanany, M.S., Mahmoud, S.A. A low complexity multi-code modulation technique for wireless LANs 98693
Chinkov, V.N. *see* Mints, M.Ya. 76900
Chinkov, V.N. *see* Stadnik, V.V. 88923
Chinlon Lin *see* Keang-Po Ho 78650
Chinn, D.D., Leighton, T., Tompa, M. Minimal adaptive routing on the mesh with bounded queue size 77570
Chinn, D.J. *see* Candy, J.V. 90870
Chinn, G., Huang, S.-C. A comparison of WLS and LS reconstruction for PET 101169
Chinn, G., Huang, S.-C. A fast preconditioned conjugate gradient algorithm for regularized WLS reconstruction for PET 101180
Chinn, R., Levy, M. Coming together for CDMA 99383
Chinn, S.R., Swanson, E.A. Multilayer optical storage by low-coherence reflectometry 75414
Chino, M. *see* Nikawa, Y. 120545
Chinone, K. *see* Kasai, N. 113588
Chinone, K. *see* Morooka, T. 69081
Chinosi, M. *see* Canegallo, R. 62133

Chinveeraphan, S., Takamatsu, R., Sato, M. Flow construction for slope district segmentation on digital images 86989
Chinzei, Y., Ichiki, T., Kurosaki, R., Kikuchi, J., Ikegami, I., Fukazawa, T., Shindo, H., Horiike, Y. SiO_2 etching employing inductively coupled plasma with hot inner wall 74557
Chinzei, Y., Shindo, H., Horiike, Y. Highly selective SiO_2/Si etching and related kinetics in time-modulated helicon wave plasma 94732
Chiodelli, G. *see* Singh, K. 121834
Chiodo, M. *see* Cardelli, S. 73055
Chioffi, E. *see* Gerna, D. 104737
Chioffi, E. *see* Tomasini, A. 79542
Chioffi, E. *see* Torelli, G. 90602
Chiola, D. *see* Sorba, L. 105461
Chionglo, J.F. *see* Gupta, L. 112856
Chiorboli, G. *see* Boni, A. 114037
Chiossi, C. *see* Bertuccio, G. 120200
Chiossi, C. *see* Nava, F. 80028
Chiou, G.I., Hwang, J.-N. Lipreading from color video 97645
Chiou, H.-K., Chang, C.-Y., Lin, H.-H. A uniplanar broadband double-balanced mixer using a novel balun design 93195
Chiou, H.-W. *see* Zafiriou, E. 63207
Chiou, S.G. *see* Lin, H.C. 105663
Chiou, T.C. *see* Mori, W.B. 89678
Chiou, T.C. *see* Shvets, G. 79841
Chiou, Y.L. *see* Sheybani, E.O. 63177
Chiou Bi-Shiou *see* Bi-Shiou Chiou
Chiou Chung-Ching *see* Chung-Ching Chiou
Chiou Gwo-Jen *see* Gwo-Jen Chiou
Chiou Lih-Yih *see* Lih-Yih Chiou
Chiou Mei-Mei *see* Mei-Mei Chiou
Chiou Rui Chuo Huei *see* Rui Chuo Huei Chiou
Chiou Wen-Lin *see* Wen-Lin Chiou
Chiou Yishian *see* Yishian Chiou
Chiou Youan-Yang *see* Youan-Yang Chiou
Chiou-Shann Fuch *see* Shiann-Jang Wang 98149
Chiou-Shann Fuh, Maragos, P. Least-squares algorithms for motion and shape recovery under perspective projection 77113
Chiou-Shann Fuh *see* Sheng-Liang Kao 77517
Chiou-Ting Hsu *see* Ja-Ling Wu 108475
Chipalkatti, R., Zhensheng Zhang A hybrid dynamic reservation protocol for an optical star network 78862
Chiping Chen Efficiency scaling law for the two-stream amplifier 105052
Chipman, H., Hamada, M. Bayesian analysis of ordered categorical data from industrial experiments 72202
Chippendale, P. *see* Honary, B. 88082
Chipperfield, A., Fleming, P. Multiobjective gas turbine engine controller design using genetic algorithms 111796
Chiprout, E. *see* Phillips, J.R. 82859
Chiquet, F. *see* Artigaud, S. 88597
Chiquet, F. *see* Artigaud, S. 88650
Chiquet, F. *see* Bayart, D. 75844
Chir-Ho Chang *see* Hsien-Hui Tseng 113898
Chir-Ho Chang *see* Wenn-Chau Ko 104579
Chirarattananon, S., Nooritanon, J., Balaka, R. Daylighting for energy conservation in the tropics: the Lumen method and the OTTV 71897
Chiriac, H., Ovari, T.-A., Marinescu, S.-C., Nagacevschi, V. Magnetic anisotropy in FeSiB amorphous glass-covered wires 115558
Chiriac, H., Pop, G., Ovari, T.-A., Barariu, F. Magnetic behavior of negative and nearly zero magnetostrictive glass-covered amorphous wires 115583
Chiriac, H. *see* Moldovanu, E. 69458
Chirico, M. *see* Curatelli, F. 113831
Chiricozzi, E. *see* Higuchi, T. 111925
Chirikov-Zorin, I.E., Pukhov, O.E. On sensitivity of gas-discharge detectors to light 69754
Chirkov, P.N., Petrenko, I.I. Sum betatron resonances under linear coupling of oscillations 89813
Chirossel, P. *see* Hernandez, A. 69975
Chirovsky, L.M.F., Lentine, A.L., Goossen, K.W., Hui, S.P., Tseng, B.T., D'Asaro, L.A., Leibenguth, R.E., Walker, J.A., Cunningham, J.E., Livescu, G., Dahringer, D., Kossives, D., Bacon, D.D., Morrison, R.L., Novomy, R.A., Bucholz, D.B. A high speed optoelectronic chip with 4352 optical inputs/outputs for a 256×256 ATM switching fabric 85334
Chirovsky, L.M.F. *see* Ford, J.E. 95642
Chirovsky, L.M.F. *see* Krishnamoorthy, A.V. 65002
Chirovsky, L.M.F. *see* Livescu, G. 99031
Chirovsky, L.M.F. *see* Woodward, T.K. 78867
Chirovsky, L.M.F. *see* Woodward, T.K. 85333
Chirovsky, L.M.F. *see* Woodward, T.K. 88610
Chirravuri, S. *see* Bhandarkar, S.M. 101078
Chis, I. *see* Miu, D. 72947
Chis, M. *see* Boudebs, G. 96631
Chisham, J. *see* Coudray, P. 85041
Chisham, J. *see* Coudray, P. 95790
Chisham, J. *see* Najafi, S.I. 95785
Chisham, J.E., Andrews, M.P., Li, C.-Y., Najafi, S.I., Malek-Tabrizi, A. Gratings fabrication by ultraviolet light imprinting and embossing in a sol-gel silica glass 95786
Chisholm, W.A. *see* Motoyama, H. 85789
Chishtie, M.A. *see* Mallela, P.P. 98928
Chisin Chiang *see* Cha, E. 115746
Chismar, W.G., Jussawalla, M., Snow, M.S. US provision of telecommunications goods and services in the PRC: Chinese policies and American strategies 108897
Chistensen, M.P. *see* Michael, R.R. 109318
Chistyakov, N.N. Controllable electric drives in the internal water-supply systems of residential microregions 103198
Chistyakov, S.P. *see* Shipitsyn, V.V. 71565
Chiswell, S. *see* Bevis, M. 76419
Chiswell, S.R. *see* Businger, S. 80625
Chit-Sang Tsang, Compton, R.T. A time delay algorithm for adaptive arrays 86003
Chitarin, G. *see* Bellina, F. 65726
Chitarin, G. *see* Bellina, F. 107718
Chitarin, G. *see* Bellina, F. 107763
Chitarin, G. *see* Bellina, F. 116828
Chitashvili, G.P. Calculation of the heat efficiency and specific fuel consumption of modular gas-turbine cogeneration stations 102471
Chiti, S. *see* Bandinelli, M. 97185
Chiti, S. *see* Bandinelli, M. 98979
Chitica, N. *see* Dinescu, M. 113505
Chitica, N. *see* Streubel, K. 96264
Chitrapu, P.Rao *see* Rao Chitrapu, P.
Chitre, Y. *see* Dhawan, A.P. 80263
Chittenden, J.P. *see* Mitchell, I.H. 71496
Chittibabu, K.G. *see* Lian Li 65474
Chitty, G. Change, competitiveness and communications–the role of business television 99798
Chiu, A., Croll, I., Heim, D.E., Jones, R.E., Jr., Kasiraj, P., Klaassen, K.B., Mee, C.D., Simmons, R.G. Thin film inductive heads 106599
Chiu, C.-C., Lin, S.-W. Coverage prediction in indoor wireless communication 118764
Chiu, C.-C., Liu, P.T. Image reconstruction of a perfectly conducting cylinder by the genetic algorithm 77339
Chiu, H.T. *see* Sun, S.C. 84242
Chiu, H.T. *see* Tsai, M.H. 63168
Chiu, K.M., Ching, P.C. Quad-band excitation for low bit rate speech coding 66570
Chiu, P.C. *see* Osinski, M. 116264
Chiu, S.Y. *see* Lee, Y. 113125
Chiu, T., Sarabandi, K., Ulaby, F.T. Polarimetric backscattering measurements of herbaceous vegetation: a sensitivity study for soil moisture retrieval 120843
Chiu, T.H. *see* Canoglu, E. 85671
Chiu, T.H. *see* Hofer, M. 65102
Chiu, T.H. *see* Mendonca, C.A.C. 103902
Chiu, W. *see* Hughes, S.W. 90469
Chiu, W.S.C. *see* Hughes, S.W. 110688
Chiu, Y., Stancil, D.D., Schlesinger, T.E. Large electro-optic modulation effect observed in ion-exchanged $KTiOPO_4$ waveguides 116080
Chiu Bornain *see* Bornain Chiu
Chiu Chien-Ching *see* Chien-Ching Chiu
Chiu Chih-Hui *see* Chih-Hui Chiu
Chiu Fai Wong, Fine, T.L. Adaptive blind equalization using artificial neural networks 108103
Chiu Hsin-Tien *see* Hsin-Tien Chiu
Chiu Hung-Pin *see* Hung-Pin Chiu
Chiu Mao-Ching *see* Mao-Ching Chiu
Chiu Mao-Chiug *see* Mao-Chiug Chiu
Chiu Pei-Chih *see* Pei-Chih Chiu
Chiu Shih-Yang *see* Shih-Yang Chiu
Chiu Tse *see* Wai Mun Lee 63424
Chiu Tsen-Chieh *see* Tsen-Chieh Chiu
Chiu Wu-Jhy *see* Wu-Jhy Chiu
Chiu Yi *see* Yi Chiu
Chiu Yi-Jen *see* Yi-Jen Chiu
Chiu-Ting Hsu *see* Jiun-Jie Huang 108421
Chiueh, T.-D. *see* Bu, L. 97634
Chiueh Tzi-Cker *see* Tzi-Cker Chiueh
Chiueh Tzi-Dar *see* Tzi-Dar Chiueh
Chiun-Hong Chien Applications of computer vision in space robotics 86638
Chiung-Shien Wu, Gin-Kou Ma, Lin, B.-S.P. A cell scheduling algorithm for VBR traffic in an ATM multiplexer 77638
Chiung-Shien Wu, Lin, B.-S.P. A proposal for supporting variable bit rate services in a TDM circuit-switched network 78119
Chiung-Shien Wu *see* Nen-Fu Huang 77645
Chiussi, F.M., Ye Xia, Kumar, V.P. Performance of shared-memory switches under multicast bursty traffic 77666
Chiussi, F.M., Ye Xia, Kumar, V.P. Backpressure in shared-memory-based ATM switches under multiplexed bursty sources 87345
Chiussi, S., Gonzalez, P., Leon, B., Larciprete, R., Willmott, P., Martelli, S., Cesile, C., Borsella, E. Laser-induced integrated processing for heteroepitaxial Si_xGe_{1-x} alloys 113322
Chiuta, I. *see* Conecini, I. 102199
Chiva, A., Heredia, F.J., Nabona, N. Network model of short-term optimal hydrothermal power flow with security constraints 102017
Chive, M. *see* Camart, J.-C. 120497
Chive, M. *see* Cresson, P.-Y. 70206
Chive, M. *see* Cresson, P.-Y. 101420
Chive, M. *see* Despretz, D. 101422
Chive, M. *see* Despretz, D. 120491
Chive, M. *see* Dubois, L. 120490
Chive, M. *see* Duhamel, F. 70193
Chive, M. *see* Michel, C. 80467
Chivers, D.C. *see* Johnson, P.C. 84284
Chivers, M. *see* Sienski, K. 62063
Chivers, M.J. *see* Green, F. 115190
Chiwaki, M. *see* Ohgaki, H. 107392
Chiwaki, M. *see* Yokoyama, M. 96469
Chiwy, P. *see* Girdwood, C. 119408
Chiyokura, H. *see* Hara, T. 117609
Chizeck, H.J. *see* Stein, R.B. 110657
Chizhevskaya, S.N. *see* Korzhuev, M.A. 74517
Chizhevskii, E.G. *see* Trofimov, V.T. 64902
Chizhevsky, V.N., Corbalan, R. Experimental observation of a new type of intermittency in a CO_2 laser with modulated losses 107042
Chizhevsky, V.N., Corbalan, R. Nonlinear parametric effects near period doubling in a loss-modulated CO_2 laser 116332
Chizhevsky, V.N. *see* Corbalan, R. 107122
Chizhov, O.P. *see* Yarlykov, M.S. 109832
Chizzoni, A. *see* Casapulla, G. 118635
Chlamtac, I., Farago, A., Tao Zhang Lightpath (wavelength) routing in large WDM networks 78731
Chlamtac, I., Fumagalli, A., Kazovsky, L.G., Melman, P., Nelson, W.H., Poggiolini, P., Cerisola, M., Choudhury, A.N.M.M., Fong, T.K., Hofmeister, R.T., Chung-Li Lu, Mekkittikul, A., Sabido, D.J.M., IX, Chang-Jin Suh, Wong, E.W.M. CORD: contention resolution by delay lines 78735
Chlamtac, I., Fumagalli, A., Suh, C.-J. A delay line receiver architecture for all-optical networks 88527
Chlamtac, I., Kienzle, M.G. Differential service in high-speed interconnection systems: an algorithm for prioritized access 87828
Chlamtac, I., Ruszczyk, C.A. An integrated protocol stack for efficient resources management in wireless networks 78368
Chlamtac, I. *see* Yi-Bing Lin 109459
Chlebus, B.S., Diks, K., Pelc, A. Broadcasting in synchronous networks with dynamic faults 87454
Chlebus, E., Ludwin, W. Is handoff traffic really Poissonian? 68227
Chlebus, E. *see* Ludwin, W. 99327
Chlezhas, R. *see* Sipavichyus, Ch. 107670
Chmiel, G. *see* Ehrmann, O. 94146
Chmielewski, M. *see* Sablik, M.J. 84783
Chmielowski, M. *see* Stine, E.V. 89404
Chmill, V.B., Chuntonov, A.V., Smoll, A.V., Vorobiev, A.P., Khludkov, S.S., Koretski, A.A., Potapov, A.I., Tolbanov, O.P., Smith, K.M. Radiation hard microstrip gallium arsenide detectors 120151
Chmurny, J. *see* Hagara, M. 90496
Chmurny, J. *see* Harakal, M. 108504
Cho, A.Y. *see* Baillargeon, J.N. 72767
Cho, A.Y. *see* Baillargeon, J.N. 85507
Cho, A.Y. *see* Capasso, F. 65210
Cho, A.Y. *see* Dutta, N.K. 99509
Cho, A.Y. *see* Faist, J. 75981
Cho, A.Y. *see* Faist, J. 85460
Cho, A.Y. *see* Faist, J. 96258
Cho, A.Y. *see* Faist, J. 116540
Cho, A.Y. *see* Lin, L.Y. 110162
Cho, A.Y. *see* Sirtori, C. 65257
Cho, A.Y. *see* Sirtori, C. 85461
Cho, B.H. *see* Choi, J.Y. 121708
Cho, B.H. *see* Joung, G.B. 120516
Cho, B.I., Ahn, Y.M., Lee, K.G., Gill, B.L. Magnetic, magneto-optical and dynamic characteristics of exchanged-coupled NdTbFeCo/TbFeCo films for 532 nm recording media 115615
Cho, B.I. *see* Ro, M.D. 75234
Cho, C.H., Yee, I.H., Hong, U.S. A study on 12 W SSPA for earth station transponder at Ku-band 119104
Cho, C.P., Egan, C., Krol, P. Application of a high-energy-density permanent magnet material in underwater systems 81489
Cho, C.P., Fussell, B.K., Hung, J.Y. A novel integrated electric motor/pump for underwater applications 71371
Cho, C.P. *see* Krol, W.P., Jr. 91897
Cho, D.D. *see* Vallishayee, R.R. 106259
Cho, G.-S. *see* Ham, Y.-M. 115113
Cho, G.C., Dekorsy, T., Bakker, H.J., Roskos, H., Kurz, H., Kohl, A., Opitz, B. Bloch oscillations in an InGaAsP/InGaAsP superlattice 114727
Cho, G.C. *see* Jung, G.H. 121004
Cho, G.C. *see* Jung, Y.c. 71494
Cho, G.H. *see* Jung, G.H. 121004
Cho, G.H. *see* Jung, Y.c. 71494
Cho, H., Sato, H., Nishino, H., Tsukahara, Y., Inaba, M., Sato, A., Takemoto, M., Nakano, S., Yamanaka, K. Nondestructive evaluation of elastic properties in porous silicon film on Si(100) by the phase velocity scanning of laser interference fringes 104216
Cho, H., Sato, H., Takemoto, M., Sato, A., Yamanaka, K. Surface acoustic wave velocity and attenuation dispersion measurement by phase velocity scanning of laser interference fringes 89574
Cho, H. *see* Nishino, H. 111348
Cho, H. *see* Sato, H. 82789
Cho, H. *see* Yang, G. 117137
Cho, H.C. *see* Lo, V.C. 105566
Cho, H.K., Kwon, C.Y. Crack detection in eggs by machine vision 117614
Cho, H.M. *see* Roh, Y.R. 110257
Cho, H.S., Hong, W.S., Palaio, N., Kadyk, J., Luk, K.B., Perez-Mendez, V. Microgap gas chamber studies 80044

Cho, H.S., Hong, W.S., Palaio, N., Kadyk, J., Luk, K.B., Perez-Mendez, V. Microgap gas chamber studies 100832
Cho, H.S., Kim, Y.W., Sung, D.K., Jhee, Y.K. The effect of user mobility in rectangular shaped urban micro-cellular systems 78579
Cho, H.S., Park, K.H., Lee, J.K., Jang, D.H., Kim, J.S., Park, C.-S., Park, K.-S., Kim, H.M., Pyun, K.-E. The operating characteristics of strain-compensated 1.3 μm GaInAsP-InP uncooled-LD with the structure of multiple quantum well and separate confinement heterostructure layers 116555
Cho, H.S. *see* Hong, W.S. 80034
Cho, H.S. *see* Hong, W.S. 100847
Cho, H.S. *see* Jeong, W.T. 99909
Cho, H.S. *see* Park, K.H. 119246
Cho, H.S. *see* Ryu, Y.K. 77505
Cho, H.S. *see* Ryu, Y.K. 82188
Cho, H.S. *see* Shim, J.H. 72257
Cho, J. *see* Lim, J. 119062
Cho, J. *see* Roh, W. 91724
Cho, J.-H., Choi, H.-C., Lee, S.-H. Digital correction and calibration circuits for a high-resolution CMOS pipelined A/D converter 114024
Cho, J.G., Baek, J.W., Yoo, D.W., Won, C.Y. Three level auxiliary resonant commutated pole inverter for high power applications 121760
Cho, J.G., Rim, G.H., Lee, F.C. Zero voltage and zero current switching full bridge PWM converter using secondary active clamp 121626
Cho, J.S., Kim, S.B. Effects of structural nonidealities on the lasing characteristics of $\lambda/4$ phase-shifted DFB lasers 116556
Cho, J.Y.N., Jurgens, R.F., Slade, M.A. High-resolution stratospheric dynamics measurements with the NASA/JPL Goldstone Solar System Radar 111226
Cho, K.-C. *see* Park, J.-G. 63224
Cho, K.B. *see* Suzuki, H. 90942
Cho, K.C., Moon, C.Y., Shim, Y.J. Change of induced anisotropy and magnetic properties due to evaporation conditions in metal evaporated tape 106538
Cho, M. *see* Chai, J.S. 100809
Cho, M.H., Oh, J.S., Park, S.S., Namkung, W. Klystron-modulator system performances for PLS 2-GeV linac 100477
Cho, M.H. *see* Ko, I.S. 89591
Cho, M.H. *see* Namkung, W. 89760
Cho, M.Y., Chen, C.S. Distribution feeder reactive power compensation by shunt capacitor 102117
Cho, M.Y., Hwang, J.C., Chen, C.S. Customer short term load forecasting by using ARIMA transfer function model 80957
Cho, M.Y. *see* Chen, C.S. 91070
Cho, N.I. *see* Vlaskina, S.I. 104139
Cho, O.K. *see* Kim, J.S. 75418
Cho, P.S., Rudd, A.D., Johnson, R.H. Cone-beam CT from width-truncated projections 108518
Cho, P.S. *see* Butler, D.L. 65513
Cho, P.S. *see* Wu, X. 70079
Cho, R.N. *see* Yang, W.C. 64549
Cho, S. Optical tuning of propagation time in $YBa_2Cu_3O_{7-x}$ superconducting delay lines 104840
Cho, S. *see* Rayasam, R. 78581
Cho, S.H. *see* Maruyama, T. 104062
Cho, S.M., Christensen, C., Lucovsky, G., Maher, D.M. Deposition of microcrystalline hydrogenated silicon,germanium alloy (μc-Si_xGe_{1-x}:H) films by reactive magnetron sputtering (RMS) 92840
Cho, S.O., Jeong, Y.U., Lee, B.C., Kim, S.K., Cha, B.H., Lee, J., Chung, K.H. Investigation of electron beam transport in a helical undulator 96447
Cho, S.O. *see* Kim, S.K. 96514
Cho, S.O. *see* Lee, B.C. 96458
Cho, S.T. A batch dissolved wafer process for low cost sensor applications 74867
Cho, S.W. *see* Kim, T.-G. 114749
Cho, T.H. *see* Bhat, M. 63720
Cho, W. *see* Locascio, J.J. 61636
Cho, W.S. *see* Lee, H.Y. 81808
Cho, Y., Chae, Y.-C., Crosbie, E., Fathizadeh, M., Friedsam, H., Harkay, K., Horan, D., Kim, S., Kustom, R., Lessner, E., McDowell, W., McGhee, D., Mills, F., Moe, H., Nielsen, R., Norek, G., Peterson, K.J., Rauchas, A., Symon, K., Thompson, K., Warner, D., White, M. Feasibility study of a 1-MW pulsed spallation source 79994
Cho, Y., Kirihara, A., Saeki, T. Scanning nonlinear dielectric microscope 79654
Cho, Y., Kirihara, A., Saeki, T. New microscope for measuring the distribution of nonlinear dielectric properties 115419
Cho, Y., Kumamaru, T. Photothermal dielectric effect with liquid 84670
Cho, Y. *see* Harkay, K. 89858
Cho, Y. *see* Harkay, K. 89859
Cho, Y. *see* Wada, K. 107254
Cho, Y.-S. *see* You, J.-H. 113776
Cho, Y.H. *see* Park, J.T. 87585
Cho, Y.S., Kim, Y.B., Kim, C.S., Kim, T.K. Magnetic properties of new Nd-Fe-B nanocrystalline with α-Fe as main phase 64207
Cho, Y.S. *see* Kim, D.W. 108301
Cho, Y.S. *see* Kim, S.H. 79874
Cho Bok-Won *see* Bok-Won Cho
Cho Byung-Jin *see* Byung-Jin Cho
Cho Byung-Soo *see* Byung-Soo Cho
Cho Chew Weng *see* Weng Cho Chew
Cho Dae-Sung *see* Dae-Sung Cho
Cho Don-Chan *see* Don-Chan Cho
Cho DonChan *see* DonChan Cho
Cho Dong Ho *see* Dong Ho Cho
Cho Dong Woo *see* Dong Woo Cho
Cho Dong-Ho *see* Dong-Ho Cho
Cho Dong-Hyeok *see* Dong-Hyeok Cho
Cho Dong-Myung *see* Dong-Myung Cho
Cho Geum-Bae *see* Geum-Bae Cho
Cho Guang Sup *see* Guang Sup Cho
Cho Gyoujin *see* Gyoujin Cho
Cho Gyoun-Yon *see* Gyoun-Yon Cho
Cho Gyoung-Yun *see* Gyoung-Yun Cho
Cho Gyu-Hyeong *see* Gyu-Hyeong Cho
Cho Han Jin *see* Han Jin Cho
Cho Hee-Chuen *see* Hee-Chuen Cho
Cho Ho Shin *see* Ho Shin Cho
Cho Hong-Goo *see* Hong-Goo Cho
Cho Hynck *see* Hynck Cho
Cho Hyun Duk *see* Hyun Duk Cho
Cho Hyun Ju *see* Hyun Ju Cho
Cho Hyun Wook *see* Hyun Wook Cho
Cho Hyunjoon *see* Hyunjoon Cho
Cho Jin Woo *see* Jin Woo Cho
Cho Jin-Ho *see* Jin-Ho Cho
Cho Jong Sup *see* Jong Sup Cho
Cho Joo-Hyun *see* Joo-Hyun Cho
Cho Joung-Sook *see* Joung-Sook Cho
Cho Ju-Hyun *see* Ju-Hyun Cho
Cho Jun Dong *see* Jun Dong Cho
Cho Jung-Goo *see* Jung-Goo Cho
Cho Jung-Sok *see* Jung-Sok Cho
Cho Jung-Soo *see* Jung-Soo Cho
Cho Kyo Seob *see* Kyo Seob Cho
Cho Kyoung-Ik *see* Kyoung-Ik Cho
Cho Kyoungrok *see* Kyoungrok Cho
Cho Kyuman *see* Kyuman Cho
Cho Kyung Ho *see* Kyung Ho Cho
Cho Kyung-Rae *see* Kyung-Rae Cho
Cho Kyung-Won *see* Kyung-Won Cho
Cho Maeng-Sub *see* Maeng-Sub Cho
Cho Min Hyoung *see* Min Hyoung Cho
Cho Min Su *see* Min Su Cho
Cho Min-Su *see* Min-Su Cho
Cho Ming-Yeuan *see* Ming-Yeuan Cho
Cho Moo Hyun *see* Moo Hyun Cho
Cho Mooho *see* Mooho Cho
Cho Nam Ik *see* Nam Ik Cho
Cho Nam Zin *see* Nam Zin Cho
Cho Nam-Ihn *see* Nam-Ihn Cho
Cho Ok Kyung *see* Ok Kyung Cho
Cho Pyung Dong *see* Pyung Dong Cho
Cho Ryung-Rae *see* Ryung-Rae Cho
Cho Sehyeong *see* Sehyeong Cho
Cho Seong Ik *see* Seong Ik Cho
Cho Seung Koo *see* Seung Koo Cho
Cho Shin *see* Shin Cho
Cho Songsu *see* Songsu Cho
Cho Soo-In *see* Soo-In Cho
Cho Soon-Bong *see* Soon-Bong Cho
Cho Soon-Jae *see* Soon-Jae Cho
Cho Sung Ho *see* Sung Ho Cho
Cho Sung Hwan *see* Sung Hwan Cho
Cho Sung Joon *see* Sung Joon Cho
Cho Sung-Bong *see* Sung-Bong Cho
Cho Sung-Yong *see* Sung-Yong Cho
Cho Tae-Je *see* Tae-Je Cho
Cho Taehee *see* Taehee Cho
Cho Tai-Hoon *see* Tai-Hoon Cho
Cho Whajoon *see* Whajoon Cho
Cho Wonhong *see* Wonhong Cho
Cho Woo-Yeong *see* Woo-Yeong Cho
Cho Woong Ho *see* Woong Ho Cho
Cho Yasuo *see* Yasuo Cho
Cho Yong Myung *see* Yong Myung Cho
Cho Yong-Hoon *see* Yong-Hoon Cho
Cho Yong-Jin *see* Yong-Jin Cho
Cho Yong-Seok *see* Yong-Seok Cho
Cho Yong-Soo *see* Yong-Soo Cho
Cho Yongho *see* Yongho Cho
Cho Yookun *see* Yookun Cho
Cho Young Ki *see* Young Ki Cho
Cho Young Man *see* Young Man Cho
Cho Young S. *see* Young S. Cho
Cho Young-Ho *see* Young-Ho Cho
Cho Young-So *see* Young-So Cho
Cho Younho *see* Younho Cho
Cho Yun Hee *see* Yun Hee Cho
Cho Yunhyun Characteristics investigation of a single-sided linear induction motor at standstill for Maglev vehicle 103135
Cho Zang-Hee *see* Zang-Hee Cho
Cho-Li Wang *see* Wenheng Liu 87419
Choa, F.-S. *see* Butler, D.L. 65513
Choa, F.S. *see* Gopal, B.C. 68420
Choa, V., Yeo, C.K. Student affairs: from admission to graduation [engineering education] 60433
Choan, C.Y. *see* Chin, B. 92277
Choban, I.S. *see* Arsen'ev, I.V. 102468
Chobola, Z. *see* Sikula, J. 104887
Chochoiek, R. BusNet: The bus is the network 77720
Chochula, P., Cindro, V., Jeraj, R., Macek, S., Zontar, D., Krammer, M., Pernegger, H., Pernicka, M., Mariotti, C. Readout of a Si strip detector with 200 μm pitch 110611
Chockalingam, A. *see* Dietrich, P. 109414
Chockler, G.V. *see* Amir, E. 118344
Chodnikiewicz, K. *see* Balendra, R. 92645
Chodorek, R.R. Reliability of transmission in the Xpress transport protocol (simulation model) 98500
Choe, C.S. *see* Seo, J.S. 106118
Choe, G. Grain morphology and magnetic properties of CoCrPt/Cr(Si,Ti) films sputtered at room temperature 64227
Choe, H. *see* Kuo, C. 83137
Choe, H.C., Karlsen, R.E., Gerhart, G.R., Meitzler, T. Wavelet-based ground vehicle recognition using acoustic signals 97668
Choe, H.C. *see* Karlsen, R.E. 87173
Choe, I. *see* Watanabe, K. 119782
Choe, J.-W., Hwang, H.-J., Perera, A.G.U., Matsik, S.G., Francombe, M.H. Resonant tunneling times in superlattice structures 74364
Choe, S., Han, Y. A study on adjacent channel interference between the AMPS and an IS-95 based CDMA system 78561
Choe Byung Doo *see* Byung Doo Choe
Choe Byung-Doo *see* Byung-Doo Choe
Choe Cheol-Su *see* Cheol-Su Choe
Choe Gyu-Ha *see* Gyu-Ha Choe
Choe Il Yong *see* Il Yong Choe
Choe Jin Kyu *see* Jin Kyu Choe
Choe Myung-Jun *see* Myung-Jun Choe
Choe Myungjun *see* Myungjun Choe
Choe Ok Shik *see* Ok Shik Choe
Choe Sug-Bong *see* Sug-Bong Choe
Choe Winston Sijin *see* Winston Sijin Choe
Choe Yoonsik *see* Yoonsik Choe
Choel Lee, B. *see* Kim, S.K. 96514
Chohan, D.S. The high-speed access network 78254
Choi, B., Im, S.T., Seong, H.H., Kim, D.J. A–∇v sense based off-line charger for portable electronics 91712
Choi, B.-J., Ohtsuka, S., Suehiro, J., Hara, M. Effects of coil resistance on surge propagation characteristics in a superconducting magnet 75372
Choi, B.D. *see* Chung, M.Y. 78111
Choi, B.H. *see* Torii, Y. 62376
Choi, B.W., Han, B.M., Hyun, S.B., Park, H.D., Kim, S.Y. Fabrication and characterization of thin-film resonators employing a Al/ZnO/Al/SiO_2/Si-membrane structure 84761
Choi, C.-K. *see* Kim, J.-H. 63465
Choi, C.H. *see* Park, P.G. 85810
Choi, C.T.M., Webb, J.P. Wave-envelope and transformation methods for finite element solution of unbounded electromagnetic wave problems 65785
Choi, C.T.M., Webb, J.P. The wave-envelope method and absorbing boundary conditions 107854
Choi, D., Choi, T., Tang, A. Health monitoring management function 77887
Choi, D. *see* Choi, T. 78012
Choi, D. *see* Siniscalchi, P. 109892
Choi, D.I. *see* Choi, J.S. 96079
Choi, D.I. *see* Choi, J.S. 96082
Choi, D.I. *see* Choi, J.S. 96546
Choi, D.J. *see* Wang, C.H. 106348
Choi, G. *see* Glenis, S. 75300
Choi, G.-B. *see* Jeong, K.-J. 87641
Choi, G.-H., Nakamura, H., Kobayashi, H. Motor speed estimation by redundant processing 91582
Choi, G.H. *see* Park, I.S. 115012
Choi, H., Szyld, D.B. Application of threshold partitioning of sparse matrices to Markov chains 103759
Choi, H.-C., Chang, D.-Y., Lee, S.-H., Lee, S.-H. The design of high-accuracy CMOS sample-and-hold amplifiers 117666
Choi, H.-C. *see* Cho, J.-H. 114024
Choi, H.-I. *see* Ko, I.-J. 98291
Choi, H.-J. *see* Jeon, Y.-H. 119061
Choi, H.-S., Lee, S.-K., Jang, K.-H., Jun, M.-C., Han, M.-K. Characterization of PECVD and LPCVD a-Si films crystallized by excimer laser 113453
Choi, H.H. *see* Ryu, J.Y. 119756
Choi, H.J. *see* Kim, D.S. 114755
Choi, H.J. *see* Lee, K.H. 117454
Choi, H.J. *see* Song, J.C. 76707
Choi, H.K. Mid-infrared lasers fabricated from III-V compound semiconductors 75923
Choi, H.K., Turner, G.W., Manfra, M.J. High CW power (>200 mW/facet) at 3.4 μm from InAsSb/InAlAsSb strained quantum well diode lasers 85516
Choi, H.K., Turner, G.W., Manfra, M.J., Conners, M.K. 175 K continuous wave operation of InAsSb/InAlAsSb quantum-well diode lasers emitting at 3.5 μm 65333
Choi, H.K., Turner, G.W., Manfra, M.J., Conners, M.K., Herrmann, F.P., Baliga, A., Anderson, N.G. InAsSb/InAlAsSb quantum-well diode lasers emitting beyond 3 μm 96262
Choi, H.K. *see* Wang, C.A. 107300
Choi, H.S., Jang, K.H., Min, B.H., Han, M.K., Jang, J. Pulsed-laser-induced crystallization of fluorinated amorphous and microcrystalline silicon films 94421
Choi, H.Y. *see* Lee, H.S. 87413
Choi, I.-H. *see* Son, C.-S. 114607
Choi, I.-K. *see* Rhee, I.-K. 99716
Choi, I.-S., Kim, H., Seo, D.-W., Hwang, S.-Y. Kernel based precomputation scheme for the design of low power combinational circuits 83086
Choi, I.H. *see* Kim, D.W. 84030

Choi, J. Range and angle error correction measure for the low elevation angle in remote sensing data analysis 107905
Choi, J., Rogers, D.L., Kuchta, D.M., Kwark, Y.H., Ainspan, H., Stawiasz, K.G., Crow, J.D. High-performance high-yield, uniform 32-channel optical receiver array 88572
Choi, J., Singh, A., Davis, E.A., Gurman, S.J. Optical properties and structure of unhydrogenated, hydrogenated, and zinc-alloyed a-Ge$_x$Se$_{1-x}$ films prepared by radio-frequency sputtering 94415
Choi, J. *see* Chang, R.C. 62103
Choi, J. *see* Kim, S. 111847
Choi, J. *see* Ko, I.S. 89591
Choi, J. *see* Namkung, W. 89760
Choi, J. *see* Wong, Y.M. 119220
Choi, J.B. *see* Yoo, K.-H. 83911
Choi, J.H., Lee, S.H., Park, J.W. Effect of deposition conditions and pretreatments on the microstructure of MPECVD diamond thin films 104015
Choi, J.H. *see* Han, B.M. 61347
Choi, J.H. *see* Kim, D.W. 84030
Choi, J.H. *see* Kim, J.M. 74033
Choi, J.J., Armstrong, C.M., Calise, F., Ganguly, A.K., Kyser, R.H., Parks, G.S., Parker, R.K., Wood, F. Experimental observation of coherent millimeter wave radiation in a folded waveguide employed with a gyrating electron beam 62615
Choi, J.R. *see* Polla, D.L. 69178
Choi, J.S., Heo, E.G., Hong, B.H., Choi, D.I. Nonlinear saturation characteristics of a dielectric Cherenkov maser 96079
Choi, J.S., Heo, E.G., Hong, B.H., Choi, D.I. Nonlinear theory of a plasma Cherenkov maser 96082
Choi, J.S., Heo, E.G., Lee, S.H., Choi, D.I. The magnetoresonance operation of microwiggler using a piezoelectric with a strong magnetic guide field 96546
Choi, J.S. *see* Chang, Y.H. 61320
Choi, J.S. *see* Kim, D.W. 108301
Choi, J.S. *see* Paik, J.H. 86536
Choi, J.S. *see* You, Y.C. 95979
Choi, J.Y., Choy, I., Cho, B.H., VanLandingham, H.F. Empirical data modeling of power converters 121708
Choi, J.Y., Hong, B.K. Generation of conformance test suites for B-ISDN signalling relevant to multi-party testing architecture 118114
Choi, K.H. *see* Kwon, K.H. 63931
Choi, K.K. Performance assessment and noise characteristics of quantum well infrared photodetectors 69164
Choi, K.K. Reduction of photoconductive gain in quantum well infrared photodetectors 99992
Choi, K.K. *see* Chen, C.J. 69118
Choi, K.K. *see* Tidrow, M.Z. 69172
Choi, K.R. *see* Hwang, D.G. 115623
Choi, K.W. *see* Domenicucci, A.G. 114994
Choi, L.S. *see* Lee, H.S. 81701
Choi, M., Galatsanos, N.P., Schonfeld, D. Image restoration-based template matching with application to motion estimation 86493
Choi, M.G., Galatsanos, N.P., Katsaggelos, A.K. Multichannel regularized iterative restoration of motion compensated image sequences 117768
Choi, M.Y. Vortex state and quantization in superconducting arrays 95476
Choi, M.Y., Yi, J. Fractional giant Shapiro resonances in frustrated systems driven by a time-dependent flux 115946
Choi, N.C., Suh, Y.S., Shin, D.M., Seong, H.H., Kim, D.J. A new feedback dimming control IC for intelligent electronic ballast 91933
Choi, P. *see* Mitchell, I.H. 71496
Choi, S., Enjeti, P.N., Paice, D.A. New 24-pulse diode rectifier systems for utility interface of high power AC motor drives 71758
Choi, S., Enjeti, P.N., Pitel, I.J. Polyphase transformer arrangements with reduced kVA capacities for harmonic current reduction in rectifier-type utility interface 111473
Choi, S. *see* Baumbaugh, B. 80030
Choi, S. *see* Chung, M. 80031
Choi, S. *see* Zhou, Z.-L. 110536
Choi, S.-H. *see* Kim, K.-Y. 115072
Choi, S.-H. *see* Lee, S.H. 63329
Choi, S.-J., Jung, S.-Y., Kim, C.-H., Park, C.-G., Han, W.-S., Koh, Y.-B., Lee, M.-Y. Design and properties of new deep-UV positive photoresist 105785
Choi, S.-P. *see* Park, J.-G. 61889
Choi, S.C., Ramirez-Angulo, J., Sanchez-Sinencio, E. Building blocks for filter tuning system using analog VLSI fuzzy logic controller 83257
Choi, S.C. *see* Ramirez-Angulo, J. 73132
Choi, S.H., Park, J.S., Kim, Y.G., Lim, C.W., Park, K.T. High-speed motion picture coding using the hierarchical heterogeneous multiprocessor system 98128
Choi, S.H., Park, K.T. High-speed moving picture coding using adaptively load balanced multiprocessor system 67062
Choi, S.H. *see* Ha, J.H. 63324
Choi, S.J. *see* Hwang, D.G. 115623
Choi, S.K., Jung, D.Y., Kweon, S.Y., Jung, S.K. Surface characterization of diamond films polished by thermomechanical polishing method 105660
Choi, S.S., Shrestha, G., Jiang, F. Transmission system stability enhancement via variable series compensation 101820
Choi, S.S. *see* Park, J.H. 89084
Choi, S.S. *see* Shim, S.Y. 100033
Choi, S.S. *see* Shrestha, G. 80889
Choi, T., Zhang, L., Choi, D., Tang, A. A framework for enterprise network management 78012
Choi, T. *see* Choi, D. 77887
Choi, U.J. *see* Yun, B.I. 61082
Choi, V.S.-N., Golin, M. Lopsided trees: analyses, algorithms, and applications 117194
Choi, W., Myers, A., Cuomo, J., Hren, J. The effects of surface and interface structure on field electron from diamond coatings 105002
Choi, W.-Y. *see* Cheung, T.-S. 75011
Choi, W.-Y. *see* Cheung, T.-S. 115366
Choi, W.-Y. *see* Takahashi, R. 64842
Choi, W.B., Liu, J., McClure, M.T., Myers, A.F., Cuomo, J.J., Hren, J.J. Field emission characteristics of diamond coated molybdenum field emitters 74035
Choi, W.B., Liu, J., McClure, M.T., Myers, A.F., Zhirnov, V.V., Cuomo, J.J., Hren, J.J. Field emission from diamond coated molybdenum field emitters 83705
Choi, W.B. *see* Zhirnov, V.V. 73969
Choi, W.K., Loo, F.L., Loh, F.C., Tan, K.L. Effects of hydrogen and RF power on the structural and electrical properties of RF sputtered hydrogenated amorphous silicon carbide films 92869
Choi, W.S. *see* Kim, B.H. 71112
Choi, Y., Tode, H., Okada, H., Ikeda, H. A large capacity photonic ATM switch based on wavelength division multiplexing technology 68027
Choi, Y. *see* Ha, E. 118908
Choi, Y.-J. *see* Mikhailov, V.N. 96825
Choi, Y.-M. *see* Hui, K.-W. 75589
Choi, Y.B. *see* Park, K.T. 83118
Choi, Y.H. *see* Oh, B. 115932
Choi, Y.H. *see* Razeghi, M. 69173
Choi, Y.J. *see* Lee, M.C. 69493
Choi, Y.J. *see* Park, K.T. 83118
Choi, Y.W. *see* Kwon, O.K. 64803
Choi An-Na *see* An-Na Choi
Choi Beom-Gyu *see* Beom-Gyu Choi
Choi Bok-Gil *see* Bok-Gil Choi
Choi Byung Sun *see* Byung Sun Choi
Choi Byung Uk *see* Kim Young Kil 86139
Choi Byung-il *see* Byung-il Choi
Choi Byung-Kon *see* Byung-Kon Choi
Choi Byung-Kyu *see* Byung-Kyu Choi
Choi Byung-Wook *see* Byung-Wook Choi
Choi Chan-Hak *see* Chan-Hak Choi
Choi Chaun Gi *see* Chaun Gi Choi
Choi Cheon Won *see* Cheon Won Choi
Choi Chi Kyu *see* Chi Kyu Choi
Choi Chi-Kyu *see* Chi-Kyu Choi
Choi Chul Jin *see* Chul Jin Choi
Choi Chung Yul *see* Chung Yul Choi
Choi Dai-Seub *see* Dai-Seub Choi
Choi Do-In *see* Do-In Choi
Choi Dong Hoon *see* Dong Hoon Choi
Choi Go Bong *see* Go Bong Choi
Choi Go-Bong *see* Go-Bong Choi
Choi Guang J. *see* Guang J. Choi
Choi Gyunghyun *see* Gyunghyun Choi
Choi Hae-Sul *see* Hae-Sul Choi
Choi Hangsuk *see* Hangsuk Choi
Choi Hee-Cheol *see* Hee-Cheol Choi
Choi Hee-Sook *see* Hee-Sook Choi
Choi Hoi-Jin *see* Hoi-Jin Choi
Choi Hong-Seok *see* Hong-Seok Choi
Choi Hwan Jin *see* Hwan Jin Choi
Choi Hyung Jin *see* Hyung Jin Choi
Choi Hyungsoo *see* Hyungsoo Choi
Choi Ik-Soo *see* Ik-Soo Choi
Choi In Hoon *see* In Hoon Choi
Choi In-Hoon *see* In-Hoon Choi
Choi In-Hyu *see* In-Hyu Choi
Choi Jae Soon *see* Jae Soon Choi
Choi Jae Weon *see* Jae Weon Choi
Choi Jae-Ho *see* Jae-Ho Choi
Choi Jae-Hoon *see* Jae-Hoon Choi
Choi Jaehoon *see* Jaehoon Choi
Choi Jaejoon *see* Jaejoon Choi
Choi Jai Ho *see* Jai Ho Choi
Choi Jeong Hun *see* Jeong Hun Choi
Choi Jeong-Il *see* Jeong-Il Choi
Choi JeongHun *see* JeongHun Choi
Choi Jin Ho *see* Jin Ho Choi
Choi Jin-Seog *see* Jin-Seog Choi
Choi Jin-Soo *see* Jin-Soo Choi
Choi Joe-Sun *see* Joe-Sun Choi
Choi Jong Ho *see* Jong Ho Choi
Choi Jong Hyun *see* Jong Hyun Choi
Choi Jong Soo *see* Jong Soo Choi
Choi Jong Woon *see* Jong Woon Choi
Choi Jong-kyu *see* Jong-kyu Choi
Choi Jong-Soo *see* Jong-Soo Choi
Choi Jong-Woo *see* Jong-Woo Choi
Choi Joo-Sun *see* Joo-Sun Choi
Choi Joon-Young *see* Joon-Young Choi
Choi Joong-Ho *see* Joong-Ho Choi
Choi Joonhyuk *see* Joonhyuk Choi
Choi Ju Ho *see* Ju Ho Choi
Choi Jun Kyun *see* Jun Kyun Choi
Choi Jun Rim *see* Jun Rim Choi
Choi Kang-Hoon *see* Kang-Hoon Choi
Choi Kiyoung *see* Kiyoung Choi
Choi Kuey Chung *see* Kuey Chung Choi
Choi Kwangryul *see* Kwangryul Choi
Choi Kwon-Young *see* Kwon-Young Choi
Choi Kwonhue *see* Kwonhue Choi
Choi Kyeong-Dal *see* Kyeong-Dal Choi
Choi Kyung *see* Kyung Choi
Choi Kyung Cheol *see* Kyung Cheol Choi
Choi Kyung Soo *see* Kyung Soo Choi
Choi Kyung-Sun *see* Kyung-Sun Choi
Choi Kyunghee *see* Kyunghee Choi
Choi Lu Ho *see* Lu Ho Choi
Choi Man-Sik *see* Man-Sik Choi
Choi Meong-Kyu *see* Meong-Kyu Choi
Choi Moon-Gun *see* Moon-Gun Choi
Choi Moon-Young *see* Moon-Young Choi
Choi Myeon-Song *see* Myeon-Song Choi
Choi Myoen-Song *see* Myoen-Song Choi
Choi Myung Jin *see* Myung Jin Choi
Choi Myung-Ryul *see* Myung-Ryul Choi
Choi Pyung *see* Pyung Choi
Choi Sam-Kwon *see* Sam-Kwon Choi
Choi Sang-il *see* Sang-il Choi
Choi Sang-Kyung *see* Sang-Kyung Choi
Choi Sang-Soo *see* Sang-Soo Choi
Choi Sang-Tae *see* Sang-Tae Choi
Choi Seokrim *see* Seokrim Choi
Choi Seon-Kyou *see* Seon-Kyou Choi
Choi Seong Soo *see* Seong Soo Choi
Choi Seung Duk *see* Seung Duk Choi
Choi Seung-Duck *see* Seung-Duck Choi
Choi Seung-Jin *see* Seung-Jin Choi
Choi Seungwon *see* Seungwon Choi
Choi Sewan *see* Sewan Choi
Choi Shin *see* Shin Choi
Choi Sie-Young *see* Sie-Young Choi
Choi Sooja *see* Sooja Choi
Choi Su Han *see* Su Han Choi
Choi Suk-Ho *see* Suk-Ho Choi
Choi Sun Jung *see* Sun Jung Choi
Choi Sung Woo *see* Sung Woo Choi
Choi Sunghyun *see* Sunghyun Choi
Choi Sunwan *see* Sunwan Choi
Choi Tae Young *see* Tae Young Choi
Choi Tao Young *see* Tao Young Choi
Choi Wan *see* Wan Choi
Choi Won Jong *see* Won Jong Choi
Choi Won Woo *see* Won Woo Choi
Choi Won-Kook *see* Won-Kook Choi
Choi Woo-Yong *see* Woo-Yong Choi
Choi Woo-Young *see* Woo-Young Choi
Choi Yang-Ho *see* Yang-Ho Choi
Choi Yanghee *see* Yanghee Choi
Choi Yearn-Ik *see* Yearn-Ik Choi
Choi Yeon-Sung *see* Yeon-Sung Choi
Choi Yong Woon *see* Yong Woon Choi
Choi Yong-Gie *see* Yong-Gie Choi
Choi Yong-Jin *see* Yong-Jin Choi
Choi Young Il *see* Young Il Choi
Choi Young-Joon *see* Young-Joon Choi
Choi Young-Wan *see* Young-Wan Choi
Chojnacki, E. *see* Hartung, W. 90028
Chojnacki, E. *see* Pisharody, M. 100658
Chojnacki, E. *see* Power, J. 90089
Chojnacki, E. *see* Schoessow, P. 89708
Chokroverty, M. *see* Chokroverty, S. 90466
Chokroverty, S., Shah, S., Chokroverty, M., Deutsch, A., Belsh, J. Percutaneous magnetic coil stimulation of the phrenic nerve roots and trunk 90466
Cholapranee, T. *see* Sriyudthsak, M. 79578
Cholewa, M. *see* Jacobsen, F.M. 84184
Chollet, F., Goedgebuer, J.-P., Porte, H., Hamel, A. Electrooptic narrow linewidth wavelength tuning and intensity modulation of an erbium fiber ring laser 85397
Chollet, J.-P., Basso, M.-T. Optimization of the i-line resist process for 0.5 μm polysilicon gate structures using a top-coat layer 105822
Chollet, P.-A., Charra, F., Fichou, D. Electro-modulation of absorption in sexithiophene metal/insulator/semiconductor structures 116104
Chollet, P.-A. *see* Charra, F. 105495
Chollet, P.A. *see* Blau, G. 106859
Cholley, P., Lacoste, J., Trotignon, M. Dynamic shunt compensation performance for transient stability enhancement 91096
Chomat, M. Space phasor model of alternator excited by synchronous exciter through controlled bridge rectifier 91482
Chomsik Lee Edge effects and scattering in resonant tunneling electron devices 74778
Chon Byoung Sil *see* Byoung Sil Chon
Chon Kilnam *see* Kilnam Chon
Chon-Huat Goh, Cooper, J.C. Shadow prices in linear programming: a cost behavior complication 92519
Chonan, S., Jiang, Z., Yamamoto, T. Nonlinear hysteresis compensation of piezoelectric ceramic actuators 84725
Chonan, S. *see* Tanaka, M. 115447
Chonan, T. *see* Matsui, Y. 73377
Chong, C. *see* Fan, W.J. 83920
Chong, C.C., Jia, J.C. Classification of multi-source data using predictive ability measure 120663
Chong, C.K., McDermott, D.B., Lin, A.T., DeHope, W.J., Wang, Q.S., Luhmann, N.C. Stability of a 95-GHz slotted third-harmonic gyro-TWT amplifier 105069
Chong, C.K., McDermott, D.B., Luhmann, N.C. Slotted third-harmonic gyro-TWT amplifier experiment 105068

Chong, C.K., McDermott, D.B., Luhmann, N.C., Jr. Stable operation of a slotted third-harmonic gyro-TWT amplifier 114531
Chong, C.K. *see* Leou, K.C. 62639
Chong, C.K. *see* Watazawa, K. 95539
Chong, I.-Y. *see* Jeong, S.-H. 78283
Chong, M.N., Mu, K., Low, K.K. Concurrent computing for picture archiving and communication system 90415
Chong, M.N. *see* Lim, K.P. 86910
Chong, N., Srinivas, T.A.S., Ahmed, H. A free-standing gallium arsenide-gold microthermocouple CO$_2$ laser detector 65413
Chong, T.C. *see* Goo, C.H. 114636
Chong, T.C. *see* Lu, Y.F. 84826
Chong, T.C. *see* Zeng, H.C. 61143
Chong, Y.C. *see* Chin, B. 72302
Chong Aik Kean *see* Yeoh Eng Hong 74840
Chong Baek Park *see* Sung Kyo Park 85992
Chong Che Keong *see* Noor, Y.M. 83614
Chong Dae Park *see* Kyung-Sook Hyun 64934
Chong Ho Woo *see* Dong Suk Shin 83037
Chong Ho Woo *see* Dong Suk Shin 104445
Chong Hsu Liu *see* Liu Chong Hsu
Chong Hu Cheng, Kang Sheng Chen A new algorithm for microwave imaging 87076
Chong Hwa Seo, Jong Min Cheong, Yoon Kyoo Jhee Analysis of thermal characteristic variations in LD arrays packaged by flip-chip solder-bump bonding technique 85536
Chong Hyeng-Hwan *see* Hyeng-Hwan Chong
Chong Il Bang, Moon Ho Lee An analysis of pilot symbol assisted 16 QAM in the Rayleigh fading channel 66260
Chong Jong-Wha *see* Jong-Wha Chong
Chong K. Yu *see* Sung J. Jang 95002
Chong Kwan Un *see* Jae Hwoon Lee 87702
Chong Kwan Un *see* Jae Hwoon Lee 88534
Chong Kwan Un *see* Sang Won Min 108759
Chong Kwan Un *see* Young Sik Youn 78282
Chong Li, Watson, G.A. A class of best simultaneous approximation problems 60935
Chong Meng Samson See *see* Boon Chong Ng 76895
Chong Min Kyung *see* Nak Woong Eum 93290
Chong Mon Wang *see* Jung Shang Chang 110262
Chong Ng Boon *see* Boon Chong Ng
Chong Sang Kim *see* Hong Seong Chang 78501
Chong Sang Kim *see* Hong Seong Chang 78601
Chong Sang Kim *see* Hong Seong Chang 118878
Chong Sang Kim *see* Youngmi Kwon 108790
Chong Suck Rim *see* Hee Min Park 61857
Chong Suck Rim *see* Young Jun Cha 62518
Chong-Chang Mao *see* Berseth, W. 85202
Chong-Hong Pyun *see* Junbiao Peng 106986
Chong-Kwon Kim *see* Heekyoung Woo 88846
Chong-Man Yun, Doo-Young Kim, Min-Koo Han, Yearn-Ik Choi A self-aligned trench body IGBT structure with low concentrated source 74723
Chong-Man Yun, Doo-Young Kim, Min-Koo Han, Yearn-Ik Choi Numerical analysis of a new vertical IGBT structure with reduced JFET effect 84370
Chong-Yung Chi *see* Chii-Horng Chen 66830
Chong-Yung Chi *see* Chii-Horng Chen 117493
Chongcheng Fan *see* Jian Song 88520
Chongcheng Fan *see* Jian Song 119177
Chongcheng Fan *see* Zhixing Yang 119205
Chongdae Park, Hyung Mun Kim, Dae Kon Oh, Jeong Soo Kim, Heung Ro Choo, Hongman Kim, Kwang Eui Pyun A new fabrication method of micro-grating and its application to long wavelength distributed feedback laser diode 65191
Chongdae Park, Jeong Soo Kim, Dae Kon Oh, Hyung Mun Kim, Joo-Heon Ahn, Heung Ro Choo, Hongman Kim, Kwang Eui Pyun, Dong-Keun Kim, Byung-Teak Lee Very low threshold current-complex-coupled laser diode using reduced duty rate InGaAs absorptive grating 116526
Chongde Fan *see* Shenjun Zhang 84211
Chongfu Ying *see* Xiuming Wang 120929
Chongguang Yan *see* Yan Chongguang
Chongjun Mu *see* Mu Chongjun
Chongqing Kang *see* Kang Chongqing
Chongquan Zu *see* Hongxi Zhang 116078
Chongren Zhang *see* Fangshi Xue 83396
Chongren Zhang *see* Zhang Chongren
Chongrou, W. *see* Housheng, C. 114678
Chongruo, W. *see* Yongxiang, L. 61441
Chongsang Kim *see* Eunyong Ha 99260
Chongsang Kim *see* Minho Song 87490
Chongsang Kim *see* Minho Song 88227
Chongsang Kim *see* Minho Song 99261
Chongsang Kim *see* Minho Song 109150
Chongsang Kim *see* Minho Song 118883
Chongstitvatana, P. *see* Polvichai, J. 87071
Chongxi Feng *see* Jian Song 88520
Chongxi Feng *see* Feng Chongxi
Chongzhi Fan *see* Fan Chongzhi
Chongzhi Yung *see* Yung Chongzhi
Choni, J.I. *see* Akishin, B.A. 66026
Choo, D.H. *see* Kim, J.M. 74033
Choo, F.H. *see* Chan, S.P. 94040
Choo, L.C., Tjhung, T.T. Selection diversity combining diversity reception of DQPSK for indoor millimetre-wave communications 118791
Choo, W.B. *see* Koh, S.N. 97629
Choo Ahn Goo *see* Ahn Goo Choo
Choo Chuah Mooi *see* Mooi Choo Chuah
Choo Eun-Sang *see* Eun-Sang Choo
Choo Heng Kek *see* Heng Kek Choo
Choo Heung Ro *see* Heung Ro Choo
Choo Jin-Boo *see* Jin-Boo Choo
Choo Soo Yong *see* Low Chee Meng 78385
Choochon Lee *see* Cheolse Kim 114577
Choochon Lee *see* Chi-Sun Hwang 94988
Choochon Lee *see* Kyung Eon Lee 113375
Choochon Lee *see* Seo-Yoon Kim 63710
Choochon Lee *see* Wook Hyoung Lee 94286
Chooen Sik Yim *see* Soon Ik Jeon 93802
Choon, T.K. The origin and prevention of post reflow defects in surface mount assembly 62476
Choon Ko Sang *see* Sang Choon Ko
Choon Sae Lee, Nalbandian, V., Schwering, F. Circularly polarized microstrip antenna with a single feed 108060
Choon Seong Leem, Dornfeld, D.A. Design and implementation of sensor-based tool-wear monitoring systems 117400
Choon Sup Yoon *see* Yoo Hong Min 84938
Choon-Sam Kim *see* Byung-Do Yoon 81413
Choong Han Jae *see* Jae Choong Han
Choong Hsia *see* Hsia Choong
Choong Jin Yang, Eon Byung Park The effect of magnetic field treatment on enhanced exchange coupling of Nd$_2$Fe$_{14}$B/Fe$_3$B magnet 115546
Choong Jin Yang *see* Seung Duk Choi 64310
Choong Ki Kim *see* Ho Jun Lee 84619
Choong Poh Lian *see* Poh Lian Choong
Choong Seon Hong, Abe, H., Kashiwa, D., Matsushita, Y. Realising distributed multimedia networking services on DPE 78203
Choong Seon Hong, Honda, S., Kawauchi, K., Matsushita, Y Distributed computing architecture for effective management of multimedia streams on DPE 87927
Choong Soo Park, Rin Chul Kim, Sang Uk Lee Construction of efficient error-limiting variable length codes 97434
Choong Sub Lee, Chan Young Lee Superexchange interactions in Ni$_{0.5}$Co$_{0.5}$Fe$_2$O$_4$ 75149
Choong Woong Lee *see* Joo-Wan Kim 85975
Choong Woong Lee *see* Kyeong-Hoon Jung 77388
Choong Yow Kin *see* Kin Choong Yow
Choong-Jin Yang *see* Seung-Duck Choi 82769
CHoong-Wen Lay *see* Yang, C.C. 116514
Choongjae Im *see* Sehyeong Cho 98831
Choonsuk Oh, Eung Su Kim A new algorithm for atmospheric and jitter image restoration based on superposition principle 108667
Chopp, M., Dereski, M.O., Madigan, L., Feng Jiang, Logie, B. Sensitivity of 9L gliosarcomas to photodynamic therapy 120510
Chopra, K.L. *see* Mishra, S.K. 84889
Chopra, K.L. *see* Sarkar, A. 82719
Chopra, M.A. Fabrication issues in the development of low cost flip chip plastic BGA assemblies 92227
Chopra, S., Gilboa, I., Sastry, S.T. Algorithms and extended formulations for one and two facility network design 113169
Chopra, S. *see* Narayanan, M.M. 79885
Choquel, J.B. *see* Taleb-Ahmed, A. 108585
Choquette, K.D., Chow, W.W., Crawford, M.H., Geib, K.M., Schneider, R.P., Jr. Threshold investigation of oxide-confined vertical-cavity laser diodes 75982
Choquette, K.D., Geib, K.M., Chui, H.C., Hammons, B.E., Hou, H.Q., Drummond, T.J., Hull, R. Selective oxidation of buried AlGaAs versus AlAs layers 105602
Choquette, K.D., Lear, K.L., Schneider, R.P., Jr., Geib, K.M., Chui, H.C. Selectively oxidized vertical-cavity lasers 65316
Choquette, K.D., Schneider, R.P., Jr., Lear, K.L., Geib, K.M., Hou, H.Q., Chui, H.C., Hagerott Crawford, M., Chow, W.W. Advances in oxide-confined vertical cavity lasers 107284
Choquette, K.D. *see* Hagerott Crawford, M. 107426
Choquette, K.D. *see* Hou, H.Q. 107308
Choquette, K.D. *see* Lear, K.L. 65300
Choquette, K.D. *see* Lear, K.L. 65331
Choquette, K.D. *see* Lear, K.L. 107286
Choquette, K.D. *see* Mar, A. 119255
Choquette, K.D. *see* Thornton, R. 65241
Choquette, K.D. *see* Twesten, R.D. 85456
Choquette, M. *see* Parpal, J.-L. 121168
Chor, E.F., Peng, C.J. Composite step-graded collector of InP/InGaAs/InP DHBT for minimised carrier blocking 84350
Chor, L.C.K. *see* Wandmacher, R.A. 121214
Chor Yee Lun *see* Lun Chor Yee
Chor-Ping Low, Hon Wai Leong Minimum fault coverage in memory arrays: a fast algorithm and probabilistic analysis 73358
Chor-Tung Yau, Kin-Hong Wong Stereo correspondence using horizontal line segments from intensity images 97937
Chordia, A. *see* Rao, P.H. 76643
Chorey, C.M. *see* Javadi, H.H.S. 93778
Chorey, C.M. *see* Miranda, F.A. 115976
Chorin, M.Ben *see* Ben Chorin, M.
Chorng-Jye Sheu *see* Sheng-Lyang Jang 74717
Chorng-Kuang Wang, Ming-Chan Hong, Wen-Chi Wu A switched-capacitor frequency autotuned 7-MHz fourth-order Butterworth lowpass filter 73529
Chorng-Kuang Wang, Po-Chiun Huang, Chen-Yi Huang A BiCMOS limiting amplifier for SONET OC-3 95213
Chorng-Kuang Wang, Ret-Bean Lee, Jizoo Lin An independent dual frequency-phaselocked-loop VLSI architecture for SONET OC-3 78931
Chorng-Kuang Wang, Wen-Chi Wu A disk-drive PES channel architecture based on CMOS technology 74829
Chorng-Kuang Wang *see* Kuang-Chan Liu 104711
Chorowicz, J. *see* Ichoku, C. 77482
Chotard, L. *see* Chambon, J. 87481
Chou, A.I., Lai, K., Kumar, K., Lee, J.C., Gardner, M., Fulford, J. Optimization of gate dopant concentration and microstructure for improved electrical and reliability characteristics of ultrathin oxides and N$_2$O oxynitrides 94689
Chou, A.I. *see* Chuan Lin 105563
Chou, B.C.S., Yeong-Maw Chen, Mang Ou-Yang, Jin-Shown Shie A sensitive Pirani vacuum sensor and the electrothermal SPICE modelling 88989
Chou, B.R., Cullen, A.P. Ocular hazards of industrial spot welding 90627
Chou, C.-F. *see* Chan, W.-H. 99898
Chou, C.-H. A perceptually tuned low-bit-rate video codec for ATM networks 88012
Chou, C.-S. *see* Tzou, H.S. 64163
Chou, E.Y. *see* Chen, D.C. 108360
Chou, E.Y. *see* Wu, T.H. 62105
Chou, G.-J. *see* Lin, J.-M. 85984
Chou, H.C., Rohatgi, A., Jokerst, N.M., Thomas, E.W., Kamra, S. Copper migration in CdTe heterojunction solar cells 112404
Chou, H.C. *see* Rohatgi, A. 112365
Chou, H.P., Eng, R.S., Hasson, V., Faria-E-Maia, F., Wang, Y. Advanced face-cooled acousto-optic modulator in a high-power, high fidelity CO$_2$ laser transmitter 107047
Chou, H.P. *see* Eng, R.S. 107048
Chou, J., O'Neill, W.A., Cheng, H.D. Evaluation of pavement distress using artificial neural networks 87226
Chou, K.-C. *see* Shyong Jian Shyu 117569
Chou, K.C. *see* Sridhar, S. 81868
Chou, L.-J. *see* Hoke, W.E. 84484
Chou, L.J. *see* Mei, X.B. 83964
Chou, M.H., Arbore, M.A., Fejer, M.M. Adiabatically tapered periodic segmentation of channel waveguides for mode-size transformation and fundamental mode excitation 75544
Chou, P.A., Effros, M., Gray, R.M. Universal quantization of parametric sources has redundancy k/2 logn/n 66434
Chou, P.A., Effros, M., Gray, R.M. A vector quantization approach to universal noiseless coding and quantization 76785
Chou, P.A. *see* Chaddha, N. 86730
Chou, P.F. *see* Guo, J.D. 94594
Chou, P.J., Fellenz, B., Jackson, G. A transverse tune monitor for the Fermilab Main Ring 100542
Chou, P.J., Jackson, G. Beam transfer function and transverse impedance measurements in the Fermilab Main Ring 89974
Chou, P.J., Jackson, G. Experimental studies of transverse beam instabilities at injection in the Fermilab Main Ring 89975
Chou, S.Y., Kong, L. Effects of magnetostatic interaction between two single-domain cobalt bars on crystal anisotropy and switching field 75095
Chou, S.Y., Krauss, P.R. 65 Gbits/in.^{2} quantum magnetic disk 64438
Chou, S.Y., Krauss, P.R. Quantum magnetic disk 106607
Chou, S.Y., Krauss, P.R., Linshu Kong Nanolithographically defined magnetic structures and quantum magnetic disk 75259
Chou, S.Y., Krauss, P.R., Renstrom, P.J. Imprint lithography with 25-nanometer resolution 63489
Chou, S.Y. *see* Chen, E. 99990
Chou, S.Y. *see* Jia, Y.Q. 115553
Chou, S.Y. *see* Leobandung, E. 63820
Chou, S.Y. *see* Linshu Kong 64269
Chou, S.Y. *see* Schablitsky, S.J. 85455
Chou, S.Y. *see* Schablitsky, S.J. 107349
Chou, S.Y. *see* Suriono, U. 64439
Chou, T.-Y. *see* Pratapneni, S. 82248
Chou, W. Aluminum beam tube for Super Collider: an option for no-coating and no-liner 79939
Chou, W. Variable bunch spacing in Super Collider 79940
Chou, W. Review of beam instability studies for the SSC 89852
Chou, W. *see* Barts, T. 89945
Chou, W. *see* Bragg, A.W. 109184
Chou, W.H. *see* Diamantaras, K.I. 104595
Chou, Y.C., Li, G.P., Chen, Y.C., Wu, C.S., Yu, K.K., Midford, T.A. Off-state breakdown effects on gate leakage current in power pseudomorphic AlGaAs/InGaAs HEMTs 106089
Chou, Y.L. *see* Su, F.C. 70116
Chou Chan-Shin *see* Chan-Shin Chou
Chou Chi-Chin *see* Chi-Chin Chou
Chou Chien *see* Chien Chou
Chou Chih-Che *see* Chih-Che Chou
Chou Fu-Hua *see* Fu-Hua Chou
Chou Guang-Jong *see* Guang-Jong Chou
Chou Hsi-Chiang *see* Hsi-Chiang Chou
Chou Hsiu-Fen *see* Hsiu-Fen Chou
Chou Hsiung *see* Hsiung Chou
Chou Hsu Wei *see* Wei Chou Hsu

Chou Huey-Wen *see* Huey-Wen Chou
Chou Jung-Hua *see* Jung-Hua Chou
Chou Le-Sheng *see* Le-Sheng Chou
Chou Li-Der *see* Li-Der Chou
Chou Min-Chih *see* Min-Chih Chou
Chou Ming-Hsien *see* Ming-Hsien Chou
Chou Pesus *see* Pesus Chou
Chou Ri-Chee *see* Ri-Chee Chou
Chou Shihyu *see* Shihyu Chou
Chou Shu-Lin *see* Shu-Lin Chou
Chou Tan-Li *see* Tan-Li Chou
Chou Wei-Chun *see* Wei-Chun Chou
Chou Yuh-Fwu *see* Yuh-Fwu Chou
Chouai, S. *see* Yagoub, M.C.E. 93830
Chouar, A. *see* Ghenaim, A. 110374
Choudhary, P., Agarwal, M.S., Nath, A.K. Preionizer-induced pulsed-mode operation of a transverse-flow transversely excited CW CO_2 laser 96098
Choudhary, P.K. *see* Pal, R. 110207
Choudhry, M.A. *see* Salim, G.A. 70659
Choudhury, A., Blum, M. Economical production of titanium-aluminide automotive valves using cold wall induction melting and centrifugal casting in a permanent mold 92658
Choudhury, A.K., Hahne, E.L. New implementation of multi-priority pushout for shared memory ATM switches 87296
Choudhury, A.K., Hahne, E.L. Dynamic queue length thresholds in a shared memory ATM switch 87340
Choudhury, A.N.M.M. *see* Chlamtac, I. 78735
Choudhury, B.J. *see* Schloss, A.L. 111275
Choudhury, D.R. *see* Kumar, B. 117309
Choudhury, G.L., Lucantoni, D.M. Numerical computation of the moments of a probability distribution from its transform 113075
Choudhury, G.L., Whitt, W. Computing distributions and moments in polling models by numerical transform inversion 78030
Choudhury, G.L. *see* Veeraraghavan, M. 87310
Choudhury, J.K. *see* Saxena, A.K. 119834
Choudhury, K.R., O'Sullivan, F. A statistical examination of FBP and ML for estimating mixture models from dynamic PET data 101168
Choudhury, M.A., Uddin, M.B., Bhuyia, A.R., Rahman, M.A. New topology and analysis of a single phase delta modulated cycloconverter 121564
Choudhury, M.K., Murthy, T.B., Sreehari, M. Hybrid operation of DC crossed field amplifier 68684
Choudhury, P. *see* Chakraborty, A. 81812
Choudhury, P. *see* Chuan Lin 105563
Choudhury, P.K. *see* Misra, V. 97253
Choudhury, P.K. *see* Sharan, P. 116061
Choudhury, P.K. *see* Shukla, P.K. 75552
Choudhury, P.K. *see* Sinha, S. 75432
Choudhury, R., Bhaktavatsalam, A.K. Energy inefficiency of Indian steel industry–scope for energy conservation 122100
Choudhury, U.K., Raju, K.S.N. Voltage dip studies for DOL starting of large induction motor loads on industrial TG sets 81476
Choudhury, U.K., Suryanarayana, T., Bhattacharya, J.L., Raju, K.S.N., Venkataratnam, K. Field analysis of a superconducting generator 81408
Chouhan, H.M. *see* Ravichandran, L. 67856
Chouinard, J.-Y. *see* Roy, Y. 68083
Choujaa, A. *see* Pommier, J.C. 64093
Choukh, A.M. Sputtered NiFeZr as a soft biasing layer in MR head 115534
Choukh, A.M., In Eung Kim, Mochizuki, T. Recording performance of MR head with trimmed shared pole 115733
Choukri, K. *see* Moulines, E. 97783
Choul Sung Yoo *see* Hyeon Soo Kim 61192
Choumas, M. *see* Bengtsson, S. 105490
Choumilov, E. *see* Arefiev, A. 69787
Choumilov, E. *see* Arefiev, A. 100805
Choun-Li Tu *see* Fu-Sheng Lu 77233
Chovanec, F. *see* Hlasnik, I. 95412
Chovanec, F. *see* Jansak, L. 95407
Chovanec, F. *see* Usak, P. 95415
Chovet, A. *see* Ionescu, A.M. 94704
Chovet, A. *see* Mounib, A. 63594
Chovet, A. *see* Rusu, A. 63682
Chow, D.H. *see* Bolognesi, C.R. 115249
Chow, D.H. *see* Brewer, P.D. 82691
Chow, D.H. *see* Hasenberg, T.C. 65258
Chow, D.H. *see* McCahon, S.W. 114797
Chow, D.H. *see* Schulman, J.N. 63543
Chow, D.H. *see* Zinck, J.J. 82676
Chow, E.T. *see* Shrivastava, P.N. 110893
Chow, H. *see* Gillingham, P. 73395
Chow, J. *see* Krug, P.A. 78701
Chow, J.C. *see* Harrison, D.C. 90693
Chow, J.H. *see* Sanchez-Gasca, J.J. 101928
Chow, K.Y. *see* Leung, K.W. 97307
Chow, L.H. *see* Poon, P.W.F. 90503
Chow, L.R. *see* Yann-Jong Hwang 60704
Chow, L.R. *see* Yi-Cheng Lin 108119
Chow, M.H.L. *see* Tse, C.K. 121779
Chow, P. *see* Lin, W.-Y. 93445
Chow, P. *see* Saghir, M.A.R. 93442
Chow, P.D. *see* Hwang, Y. 83449
Chow, P.D. *see* Hwang, Y. 83472
Chow, P.D. *see* Lester, J.A. 83450
Chow, P.D. *see* Lester, J.A. 83473
Chow, P.P. *see* Van Hove, J.M. 103878
Chow, P.S., Kao, T. A practical approach to thermal management of electronics 113746
Chow, R., Loomis, G.E., Bibeau, C., Molau, N.E., Kanz, V.K., Beach, R.J. Optical tuning a dichroic multilayer for a high fluence laser application 107475
Chow, R., Tsujimoto, N. Silicon dioxide and hafnium dioxide evaporation characteristics from a high-frequency sweep e-beam system 104114
Chow, R. *see* Britten, J.A. 107472
Chow, R. *see* Shore, B.W. 96580
Chow, R. *see* Walton, C.C. 107474
Chow, S., Chan, S.-L. An alternative fractal image compression scheme 86703
Chow, S. *see* Lam, S.S. 117857
Chow, S. *see* Serinken, N. 109341
Chow, T.C. *see* Hsiung Chou 69135
Chow, T.C. *see* Hsiung Chou 95504
Chow, T.P. *see* Ramungul, N. 105887
Chow, T.P. *see* Ramungul, N. 105921
Chow, T.P. *see* Shen, Z. 63705
Chow, T.P. *see* Tyagi, R. 105266
Chow, T.P. *see* Zhu, R.H. 106002
Chow, T.W.S., Chi-Tat Leung Nonlinear dilation network for prediction applications 73609
Chow, T.W.S., Leung, C.-T. Nonlinear autoregressive integrated neural network model for short-term load forecasting 121066
Chow, T.W.S. *see* Chi-Tat Leung 92438
Chow, W.W. *see* Choquette, K.D. 75982
Chow, W.W. *see* Choquette, K.D. 107284
Chow, W.W. *see* Hagerott Crawford, M. 107426
Chow, Y.F. *see* Hsieh, S.F. 101588
Chow, Y.L., Elsherbiny, M.M., Salama, M.M.A. Resistance formulas of grounding systems in two-layer earth 102236
Chow, Y.L., Torabian-Esfahani, A., Hojjat, N., Safavi-Naeini, S. Simulated images for Green's function of multilayer media, an alternative to complex images 83348
Chow, Y.L. *see* Salama, M.M.A. 70992
Chow, Y.T. *see* Zhuo Zhuang 75518
Chow Chung-Tair *see* Chung-Tair Chow
Chow Gan-Moog *see* Gan-Moog Chow
Chow Lee Yuk *see* Yuk Chow Lee
Chow Mo-Suk *see* Mo-Suk Chow
Chow Mo-Yuen *see* Mo-Yuen Chow
Chow Randy *see* Randy Chow
Chow Shui-Nee *see* Shui-Nee Chow
Chow Yuk Tak *see* Yuk Tak Chow
Chowdary, T.H. Reforms in the Indian telecom sector 87534
Chowdary, T.H. Wireless computing: business opportunities and some regulatory issues 109133
Chowdary, T.H. Caught in a loop: WLL in India 118676
Chowdhary, M., Doolittle, L., Lahti, G., Simrock, S.N., Terrell, R. Automated frequency tuning of SRF cavities at CEBAF 89943
Chowdhary, M., Krafft, G.A., Shoaee, H., Simrock, S.N., Watson, W.A. A prototype fast feedback system for energy lock at CEBAF 100522
Chowdhry, B.S. *see* Maheshwari, P.R. 118465
Chowdhury, A., Guenin, B.M., Groover, R., Anderson, S., Derian, E.J. Thermally-enhanced SOIC packages for power IC devices 103436
Chowdhury, A. *see* Guenin, B.M. 103438
Chowdhury, B.H. Emission control alternatives for electric utility power plants 91320
Chowdhury, B.H., Kunyu Wang Fault classification in power systems using artificial neural networks 90943
Chowdhury, B.H., Sawab, A.W. Evaluating the value of distributed photovoltaic generations in radial distribution systems 111607
Chowdhury, B.H. *see* Ghosh, S. 80810
Chowdhury, D. *see* da Silva, V.L. 88630
Chowdhury, D.Q., Gang Chen Ultrafast optical fiber polarization-mode dispersion measurement using wavelength scanning technique 75471
Chowdhury, D.Q. *see* Ahn, K.H. 95903
Chowdhury, D.Q. *see* Hill, S.C. 65449
Chowdhury, D.Q. *see* Newhouse, M.A. 68398
Chowdhury, D.Roy *see* Roy Chowdhury, D.
Chowdhury, F.N. Kalman filter with hypothesis testing: a tool for estimating uncertain parameters 76920
Chowdhury, N. *see* Murthy, C.A. 86948
Chowdhury, R., Adams, O., Bartlett, J., Todd, C., Huynh, T. A study of chemical decapsulation techniques for new generation plastic molded IC packages 92278
Chowdhury, R. *see* Corum, D. 94806
Chowdhury, S. *see* Giakos, G.C. 80358
Chowdhury, S. *see* Harubin, P. 87282
Chowdhury, S.K. *see* Bhattachargee, P.S. 73623
Chowdhury, S.K. *see* Chakraborty, A. 76642
Chowdhury, S.K. *see* Das, S. 117015
Chowdhury, S.K. *see* Dey, T.K. 76449
Chowdhury, S.K. *see* Roy, J.S. 76564
Chowdhury, S.K. *see* Saha Misra, I. 85976
Chowdhury Golam *see* Golam Chowdhury
Chown, D. *see* Birch, K. 78804
Choy, C.-S., Cheung, T.-S., Wong, K.-K. Incremental layout placement modification algorithms 63865
Choy, C.L. *see* Chan, H.L.W. 115430
Choy, C.L. *see* Ma, C.S. 113413
Choy, C.M., Balendra, R. The influence of tool geometry on blanking characteristics 92644
Choy, C.S., Chan, C.F., Ku, M.H. Comprehensive power bus noise analysis 93113
Choy, I., Kwon, S.H., Lim, J., Hong, S.W. Robust speed estimation for tacholess induction motor drives 112438
Choy, I. *see* Choi, J.Y. 121708
Choy, M. *see* Jian-Liang Chen 118261
Choy, W.C.H. *see* Li, E.H. 64801
Choy, W.W., Beaulieu, N.C. Statistics of error recovery times of decision feedback equalizers 67505
Choy Ick *see* Ick Choy
Choy Manhoi *see* Manhoi Choy
Choy Tae-Goo *see* Tae-Goo Choy
Choyke, W.J. *see* Kimoto, T. 104049
Choyke, W.J. *see* Mac Millan, M.F. 105434
Choyke, W.J. *see* Pensl, G. 105224
Choyke, W.J. *see* Steckl, A.J. 75697
Choyke, W.J. *see* Yoganathan, M. 94477
Chramowicz, J. *see* Zimmermann, S. 79258
Chramowicz, J. *see* Zimmermann, S. 100857
Chraplyvy, A.R. New fibers for long-haul transmission 68399
Chraplyvy, A.R., Gnauck, A.H., Tkach, R.W., Zyskind, J.L., Sulhoff, J.W., Lucero, A.J., Sun, Y., Jopson, R.M., Forghieri, F., Derosier, R.M., Wolf, C., McCormick, A.R. 1-Tb/s transmission experiment 99580
Chraplyvy, A.R. *see* Forghieri, F. 85000
Chraplyvy, A.R. *see* Gnauck, A.H. 88643
Chretien, S., Bondon, P. Cyclic projection methods on a class of nonconvex sets 72618
Chrisansen, J. *see* Achterberg, N. 62653
Chrisey, D.B., Dorsey, P.C., Horwitz, J.S., Knauss, L.A., Auyeung, R.C.Y. Pulsed laser deposition of thick films of electronic ceramics 104101
Chrisey, D.B. *see* Dorsey, P.C. 72942
Chrisey, D.B. *see* Horwitz, J.S. 106479
Chrisey, D.B. *see* Knauss, L.A. 95304
Chrisment, I., Huitema, C. Evaluating the impact of ALF on communication subsystems design and performance 98457
Chrissan, D.A., Fraser-Smith, A.C. Seasonal variations of globally measured ELF/VLF radio noise 116935
Chrissoulidis, D.P. *see* Skaropoulos, N.C. 120547
Christ, G. *see* Bischof, M. 90579
Christ, J., Landstorfer, F.M. Overcoming the typical limitations of the cylindrical nearfield to farfield transformation 117002
Christ, P. *see* Geib, R. 67535
Christ, P. *see* Geib, R. 67924
Christ, R. Application and performance of personnel tracking systems 119340
Christakudi, T.A., Plachkova, S.K., Christakudis, G.C. Electrical resistivity and thermoelectric power of $(GeTe)_{1-x}(Bi_2Te_3)_x$ solid solutions $(0 \leq x \leq 0.05)$ in the temperature interval from 80 to 350 K 74310
Christakudis, G.C. *see* Christakudi, T.A. 74310
Christen, J., Grundmann, M., Joschko, M., Bimberg, D., Kapon, E. Cooling of 1-dimensional carriers via inter- and intra-subband relaxation in GaAs quantum wires 62925
Christen, J. *see* Ledentsov, N.N. 62870
Christen, J. *see* Schoenfeld, O. 63047
Christen, J. *see* Zacharias, M. 94277
Christensen, A.O., Sr. Calculating work function and interface tunneling barrier from physical parameters of elements and compounds 74467
Christensen, B. *see* Leconte, A. 98819
Christensen, C., Bouwstra, S., Petersen, J.W., Kersten, P. Wafer through-hole interconnections for high vertical wiring densities 115015
Christensen, C. *see* Cho, S.M. 92840
Christensen, D., Fowers, D. Modeling SPR sensors with the finite-difference time-domain method 79294
Christensen, E., Paulsen, S.E. Improved coverage and interference predictions using line-of-sight detection and correction 116910
Christensen, E.L. *see* Madsen, S.N. 68633
Christensen, E.R. *see* Seagle, D.J. 115736
Christensen, F., Lind, M., Tind, J. On the nucleolus of NTU-games defined by multiple objective linear programs 82385
Christensen, G.E., Kane, A.A., Marsh, J.L., Vannier, M.W. Synthesis of an individualized cranial atlas with dysmorphic shape 110756
Christensen, G.E., Rabbitt, R.D., Miller, M.I. Deformable templates using large deformation kinematics 108704
Christensen, G.E. *see* Haller, J.W. 101233
Christensen, H.I., Horstmann, J., Rasmussen, T. A control theoretical approach to active vision 86688
Christensen, H.I. *see* Liang, J. 97957
Christensen, K.J. *see* Ballingam, V. 109063
Christensen, K.N. *see* Hu, Y.Z. 61379
Christensen, M.P. *see* Haney, M.W. 68469
Christensen, M.P. *see* Haney, M.W. 85201
Christensen, N. *see* Wu, J. 110619
Christensen, N.E. *see* Lew Yan Voon, L.C. 62975
Christensen, N.E. *see* Weht, R. 75315
Christensen, N.L. *see* Raylman, R.R. 101219
Christensen, P. *see* Bilski, P. 110982
Christensen, P. *see* Holmes-Siedle, A. 106220
Christenson, G.L., Miller, S.A., Tran, A.T.T.D., Haronian, D., Lo, Y.-H., MacDonald, N.C. Optical memory using an atomic force microscope and a surface micromachined interferometer 64623

Christenson, P.J., Lau, Y.Y. Electron sheaths in a crossed-field gap–equilibrium solutions and transition to turbulence 62589
Christenson, T.R., Guckel, H. Deep X-ray lithography for micromechanics 74907
Christenson, T.R. *see* Guckel, H. 106265
Christiaens, F., Beyne, E. Transient thermal modeling and characterization of a hybrid component 114452
Christiaens, F., Vandevelde, B., Beyne, E., Roggen, J. Evaluation of structural degradation in packaged semiconductor components using a transient thermal characterisation technique 112903
Christian, E.R. *see* Allbritton, G.L. 80079
Christian, E.R. *see* Allbritton, G.L. 100826
Christian, L.A. *see* Reymann, D. 88901
Christian, M.R. *see* Narayanan, R.M. 65844
Christian, P. *see* Clark, N. 120336
Christian, P.E. *see* Banish, M.R. 80261
Christian, W. *see* McMichael, I. 64627
Christianen, P.C.M. *see* Piazza, F. 105178
Christianen, P.C.M. *see* Volk, M. 63043
Christiansen, J. An integrated high resolution CMOS timing generator based on an array of delay locked loops 73513
Christiansen, J. Low noise operational amplifiers 93144
Christiansen, J., Marchioro, A., Moreira, P., Sancho, A. Receiver ASIC for timing, trigger and control distribution in LHC experiments 100975
Christiansen, J. *see* Gortler, A. 62652
Christiansen, J. *see* Gortler, A. 71563
Christiansen, J. *see* Gortler, A. 114499
Christiansen, J. *see* Li-Hsin Chang 94650
Christiansen, O. *see* Calvin, H. 106718
Christiansen, S., Kleinman, R.E. On a misconception involving point collocation and the Rayleigh hypothesis 107868
Christiansen, S., Saranen, J. The conditioning of some numerical methods for first kind boundary integral equations 61077
Christianson, K., Mittereder, J., Roussos, J., Anderson, W.T. Role of substrate current in the reliability life testing of GaAs MMICs 73810
Christianson, K.A. *see* Anderson, W.T. 73801
Christianson, O. *see* Deis, G. 106719
Christiansson, L. Time dynamics of electricity demand in air-distribution systems for commercial buildings in Sweden 112612
Christides, C., Stavroyiannis, A.S., Niarchos, D. Structural, magnetic, and magnetotransport properties of NiFe/Ag as-deposited multilayers for variable NiFe and Ag layer thickness 115621
Christie, G.M. *see* Van Berkel, F.P.F. 81855
Christie, I. *see* Warriner, K. 79570
Christie, M. *see* Steele, B.C.H. 81851
Christie, R.D., Bose, A. Load frequency control issues in power system operations after deregulation 101919
Christie, R.D. *see* Brown, R.E. 121126
Christie, R.D. *see* Mahadev, P.M. 101938
Christl, N., Faehnrich, W., Lips, P., Rasmussen, F., Sadek, K. Thyristor valve replacement of the Pacific Intertie expansion Sylmar east 500 kV HVDC converter station 81004
Christman, S.B. *see* Chabal, Y.J. 63200
Christmann, M. *see* Senge, M. 119497
Christodoulides, D.N., Caskun, T.H. Self-bouncing optical beams in photorefractive waveguides 96709
Christodoulides, D.N., Coskun, T.H. Diffraction-free planar beams in unbiased photorefractive media 116633
Christodoulides, D.N. *see* Carvalho, M.I. 65532
Christodoulides, D.N. *see* Catchmark, J.M. 65353
Christodoulides, D.N. *see* Singh, S.R. 64645
Christodoulides, D.N. *see* Singh, S.R. 107581
Christodoulides, D.N. *see* Singh, S.R. 107601
Christodoulides, D.N. *see* Zhigang Chen 116628
Christodoulou, C. *see* El Zooghby, A.H. 109384
Christodoulou, C. *see* Hestand, R. 97348
Christodoulou, C. *see* Mortazawi, A. 103351
Christodoulou, C.G., Wahid, P.F., Grey, F.N. Scattering from metallic gratings made of various strip conductivity profiles 65830
Christodoulou, C.G. *see* Ely, J.J. 85978
Christodoulou, C.G. *see* Fisk, R.P. 103392
Christodoulou, C.G. *see* Wahid, P.F. 70274
Christodoulou, C.I., Pattichis, C.S. A new technique for the classification and decomposition of EMG signals 70112
Christodoulou, M.A. *see* Rovithakis, G.A. 71337
Christofides, A.C. *see* Havlicek, J.P. 77440
Christofides, C. *see* Mandelis, A. 116227
Christofides, C. *see* Othonos, A. 94677
Christofides, C. *see* Seas, A. 79418
Christogiannis, C. *see* Lebreton, G. 84962
Christoph, M., Ulbrich, U., Haak, U. Faster determination of the intraseasonal variability of storm tracks using Murakami's recursive filter 80653
Christoph, R. *see* Niedermann, P. 82744
Christoph, T. *see* Jonuscheit, H. 72315
Christophe, F. *see* Berges, A. 68688
Christophe, F. *see* Reynaud, M. 109818
Christophel, E. *see* Adam, W. 69709
Christopher, H. *see* Jacobs, R. 80703
Christopher, P. *see* Jackson, A.H. 88402
Christopher, S., Singh, A.K., Kaul, A. Design and development of dual polarized corrugated feed for VSAT applications 68331
Christopoulos, A.C. *see* Johns, D. 65872
Christopoulos, C. Advanced simulation techniques in EMC based on the TLM method 116940
Christopoulos, C., Argyri, I. Measurement uncertainties in screened rooms and in open area test sites–a tutorial introduction 65873
Christopoulos, C., Bradley, K.J., Clare, J.C., Gokani, S., Ran, L. Conducted emission measurements in the power electronics environment 76494
Christopoulos, C., Smartt, C.J. Microwave applications of TLM modeling techniques 114256
Christopoulos, C., Trenkic, V., Benson, T.M. Propagation in general media using transmission-line modeling 97071
Christopoulos, C. *see* Al-Asadi, M. 73933
Christopoulos, C. *see* Flockhart, C. 71899
Christopoulos, C. *see* Fung, K.K. 61528
Christopoulos, C. *see* Gokani, S. 122006
Christopoulos, C. *see* Hui, S.Y.R. 61531
Christopoulos, C. *see* Kong, M.G. 65918
Christopoulos, C. *see* Robinson, M.P. 97181
Christopoulos, C. *see* Selhi, H. 81942
Christopoulos, C. *see* Sewell, P. 62229
Christopoulos, C. *see* Smith, N.P.G. 93051
Christopoulos, C. *see* Thomas, D.W.P. 70978
Christopoulos, C. *see* Trenkic, V. 76512
Christopoulos, C. *see* Trenkic, V. 85912
Christou, A. *see* Feng, T. 84059
Christou, A. *see* Lagadas, M. 113363
Christou, A. *see* Pusarla, C. 85346
Christou, A. *see* Pusarla, C. 116281
Christou, A. *see* Pusarla, C. 116285
Christou, A. *see* Shu, L.H. 84490
Christou, A. *see* Yalamanchili, P. 60732
Christou, A. *see* Yalamanchili, P. 93990
Christou, C. *see* Koenderink, J.J. 117683
Christou, C.A. *see* McLaughlin, W.L. 120566
Christou, J. *see* Tikhonenko, V. 76134
Christou, J. *see* Tikhonenko, V. 76139
Christou, J. *see* Tikhonenko, V. 96658
Christou, J.C., Hege, E.K., Jefferies, S.M. Speckle deconvolution imaging using an iterative algorithm 77194
Christov, I.P., Stoev, V.D., Murnane, M.M., Kapteyn, H.C. Sub-10-fs operation of Kerr-lens mode-locked lasers 116425
Christov, N.D. *see* Petkov, P.H. 113064
Christov, S. *see* Kaisheva, A. 119747
Christov, S. *see* Todarova, V. 99906
Christy, S., Horaud, R. Euclidean reconstruction: from paraperspective to perspective 67284
Chroboczek, J.A. *see* Mounib, A. 105898
Chrong-Fa Tsai *see* An-Fu Tzou 71599
Chroni, E., Howard, R.S., Spencer, G.T., Panayiotopoulos, C.P. Motor nerve conduction velocities calculated by F tacheodispersion in patients with anterior horn diseases 90540
Chroniy, V.Z., Adkins, C.J. Mapping connectivity in discontinuous metal films with a scanning tunneling microscope 63124
Chronopoulos, A.T., Swanson, C.D. Parallel iterative S-step methods for unsymmetric linear systems 92603
Chrostowski, J. *see* Boothroyd, S.A. 87244
Chrostowski, J. *see* Raskin, D. 99765
Chrostowski, J. *see* Zhang, L. 78660
Chrusciel, R.W., Delivorias, P., Rispoli, K. Flip chip interconnect: a versatile known good die technology 82241
Chrysanthis, P.K., Mosse, D. Management and delivery of multimedia traffic 118619
Chrysanthis, P.K. *see* Banerjee, S. 87428
Chrysanthis, P.K. *see* Deming Chen 87897
Chrysanthou, C. Statistical models for differential-mode conversion of common-mode impulse voltages measured on telecommunication pairs 107937
Chryssou, C.E., Federighi, M.F., Pitt, C.W. Lossless stripe waveguide optical beam splitter: modeling of the Y-structure 85051
Chrzan, K. Computer simulation of a metal-oxide surge arrester 91225
Chrzan, Z.R. *see* Papernov, S. 107462
Chrzanowska-Jeske, M. Architecture and technology of FPGAs–an overview 73281
Chrzanowska-Jeske, M. Architecture and synthesis issues in FPGAs 73283
Chrzanowska-Jeske, M., Gao, T., Coppola, A. Global-cell selection in a partitioning-based fitter for an application-specific EPLD device 93242
Chrzanowska-Jeske, M., Wang, Z. Mapping of symmetric and partially-symmetric functions to the CA-type FPGAs 73322
Chrzanowska-Jeske, M. *see* Dasari, A.K. 73284
Chrzanowska-Jeske, M. *see* Ramineni, N. 73285
Chrzanowski, K. Influence of measurement conditions and system parameters on accuracy of remote temperature measurement with dualspectral IR systems 69547
Chrzanowski, K. Experimental verification of a theory of the influence of measurement conditions on temperature measurement accuracy with IR systems 100088
Chrzanowski, K., Jankiewicz, Z. A method for influence correction of radiation emitted by the filters on MIR dualspectral pyrometers accuracy 69121
Chtcherbakov, A.A., Swart, P.L., Spammer, S.J., Bulkin, P.V. Long dual-cavity fiber optic Fabry-Perot strain sensor with rugate mirrors 79444
Chtchoupak, O.S., Shpilevoj, B.N., Zapaeva, N. Laser based optoelectronic system for therapy by medical treatment of cardiovascular diseases 101414
Chtchoupak, O.S., Spilevoi, B.N., Jakuschev, A.K. Laser beam alignment and diagnostic system 76095
Chtourou, R., Maaref, M., Charfi, F.F., Scalbert, D., Ghazali, A., Benoit a la Guillaume, C., Planel, R. Γ-exciton photoluminescence crossover between multi quantum wells and superlattices in GaAs/AlAs structures with composition gradient 62865
Chu, A., Devine, J. Multi-chip modules for digital, analog and optical applications 94134
Chu, A. *see* Leung, K. 111315
Chu, A.-S., Brueck, S.R.J. Modal analysis of sub-μm period nm-linewidth semiconductor gratings 107977
Chu, C.-C. *see* Hsu, I. 100592
Chu, C.-C. *see* Kozlov, V. 63061
Chu, C.-C. *see* Song, Y.-K. 107002
Chu, C.C., Ng, T.B., Han, J., Hua, G.C., Gunshor, R.L., Ho, E., Warlick, E.L., Kolodziejski, L.A., Nurmikko, A.V. Reduction of structural defects in II-VI blue green laser diodes 96240
Chu, C.C. *see* Hsu, I. 89890
Chu, C.C. *see* Hsu, I. 100554
Chu, C.H. *see* Aditya, K. 93399
Chu, C.H. *see* Aditya, S.-K. 90537
Chu, C.H. *see* Chao, T.S. 106028
Chu, C.H. *see* Watunyuta, W. 108490
Chu, C.M. *see* Caussyn, D.D. 119984
Chu, C.M. *see* Crandell, D.A. 100780
Chu, C.M. *see* Phelps, R.A. 119990
Chu, C.W. *see* Kim, Y.J. 114914
Chu, C.W. *see* Meng, R.L. 75302
Chu, D. *see* Patel, P. 85144
Chu, D.D. *see* Thelen, D.C., Jr. 119582
Chu, D.Nha *see* Nha Chu, D.
Chu, D.Y. *see* Espindola, R.P. 65497
Chu, D.Y. *see* Zhang, J.P. 85522
Chu, F.L. *see* Wu, M.-T. 67417
Chu, H.Y., Lee, E.H. Effect of nonlinear potential distribution on current-voltage characteristics in resonant-tunneling diodes 84304
Chu, H.Y. *see* Chen, M.T. 80780
Chu, J., Li, S.S., Pin Ho A new compressively strained-layer p-type InGaAs/AlGaAs/GaAs step bound to miniband quantum well infrared photodetector with a detection peak at 10.4 μm 100031
Chu, J. *see* Dowd, P. 78919
Chu, J. *see* Li, S.S. 69128
Chu, J. *see* Wang, Y.H. 69171
Chu, J.H. *see* Biao Li 82654
Chu, J.H. *see* Guo, S.P. 63218
Chu, J.H. *see* Li, B. 94335
Chu, J.J. *see* Lin, J.C. 104154
Chu, J.O. *see* Arafa, M. 63780
Chu, J.O. *see* Arafa, M. 106069
Chu, J.O. *see* Dunford, R.B. 105287
Chu, K. *see* Singh, P. 71454
Chu, K.C., Grant, R.S., Heritage, J.P., Sullivan, A., White, W.E. Femtosecond high-resolution spectral phase measurement 100369
Chu, K.C. *see* Sullivan, A. 110413
Chu, K.R. *see* Chen, S.H. 114536
Chu, L. *see* Liu, Y.-M. 82318
Chu, M. *see* Bultitude, J. 93961
Chu, M.L. *see* Yu, Z.Q. 69827
Chu, M.S. *see* Chen, S.K. 115516
Chu, M.S.H. *see* Rae, A. 93958
Chu, P.B., Nelson, P.R., Tachiki, M.L., Pister, K.S.J. Dynamics of polysilicon parallel-plate electrostatic actuators 84632
Chu, P.B. *see* Chang, F.I. 74976
Chu, P.B. *see* Nelson, P.R. 74904
Chu, P.K. Application of TOF-SIMS to microelectronics 95103
Chu, P.K., Chung Chan, Cheung, N.W. Recent applications of plasma immersion ion implantation 84103
Chu, P.K. *see* Gang Ding Peng 116392
Chu, P.K. *see* Min, J. 84023
Chu, P.K. *see* Min, J. 105552
Chu, P.K. *see* Xing Zhang 84578
Chu, P.K. *see* Zeng, X.C. 114894
Chu, P.L., Malomed, B.A., Peng, G.D. Nonlinear amplification in a second-harmonic-generating system 85606
Chu, P.L., Malomed, B.A., Peng, G.D. Soliton amplification and reshaping in optical fibers with variable dispersion 95693
Chu, P.L. *see* Bazylenko, M.V. 72888
Chu, P.L. *see* Bazylenko, M.V. 75398
Chu, P.L. *see* Elango, P. 88608
Chu, P.L. *see* Hatami-Hanza, H. 65482
Chu, P.L. *see* Hatami-Hanza, H. 76146
Chu, P.L. *see* Liguo Luo 96143
Chu, P.L. *see* Ma, X. 106808
Chu, P.L. *see* Moss, D. 106823
Chu, P.L. *see* Peng, G.D. 75825
Chu, P.L. *see* Peng, G.D. 107142
Chu, P.L. *see* Perera, W.L.R. 75840
Chu, P.L. *see* Rocksabutr, A. 116148
Chu, P.L. *see* Roeksabutr, A. 75494
Chu, P.L. *see* Sanaei, F. 78863
Chu, P.L. *see* Wu, B. 78770
Chu, P.L. *see* Ye, A.L. 75467

Chu, P.Y., Jones, R.E., Jr., Zurcher, P., Taylor, D.J., Jiang, B., Gillespie, S.J., Lii, Y.T., Kottke, M., Wei Chen Characteristics of spin-on ferroelectric $SrBi_2Ta_2O_9$ thin film capacitors for ferroelectric random access memory applications 64167
Chu, R.R. *see* Hull, C.D. 78536
Chu, R.Y.L., Simon, W.E. Quality control testing of dose calibrators 90646
Chu, S.-N.G. *see* Faist, J. 75981
Chu, S.-N.G. *see* Faist, J. 85460
Chu, S.C. *see* Pan, J.S. 97537
Chu, S.H. *see* Qian, K.X. 80476
Chu, S.N.G., Logan, R.A., Geva, M., Ha, N.T., Karlicek, R.F. Substitutional, interstitial, and neutral zinc incorporation into InP grown by atmospheric pressure metalorganic vapor phase epitaxy 114862
Chu, S.N.G. *see* Baillargeon, J.N. 85507
Chu, S.N.G. *see* Cotta, M.A. 82618
Chu, S.N.G. *see* Faist, J. 96258
Chu, S.N.G. *see* Han, H. 96383
Chu, S.N.G. *see* Han, N. 116562
Chu, S.N.G. *see* Hong, M. 84029
Chu, S.N.G. *see* Lum, R.M. 92731
Chu, S.N.G. *see* Lum, R.M. 103906
Chu, S.T. *see* Benaissa, K. 75563
Chu, S.T. *see* Little, B.E. 64873
Chu, T.-H. *see* Lee, K.-C. 97391
Chu, T.S., Borchard, P., Feich, K., Jory, H., Loring, C.M. CW, high power, gyrotron development at 110 GHz for ECH applications 114526
Chu, T.S. *see* Denison, D.R. 105034
Chu, V. *see* Brogueira, P. 72882
Chu, V. *see* Conde, J.P. 94501
Chu, V. *see* Conde, J.P. 114720
Chu, W., Lee, S.H., Chu, W.C. Correlation studies among footprint parameters extracted from foot roentgenogram 110789
Chu, W., Purcell, T. Pd-cell purified hydrogen for highest purity AlGaAs grown by MOVPE 92759
Chu, W.C. *see* Chu, W. 110789
Chu, W.C. *see* Fung, Y.R. 90301
Chu, W.K. *see* Rabalais, J.W. 61287
Chu, W.T. Instrumentation in medical systems 100557
Chu, X., Schmidt, L.D., Smyrl, W.H. Processing and characterization of carbon electrodes for Li ion batteries 81674
Chu, X. *see* Le, D.B. 81684
Chu, Y.-S. *see* Yang, C.-H. 98468
Chu, Y.Y. *see* Cribier, M. 110538
Chu Chi-Hsing *see* Chi-Hsing Chu
Chu Ching-Lung *see* Ching-Lung Chu
Chu Chung-Tao *see* Chung-Tao Chu
Chu Dahwey *see* Dahwey Chu
Chu Deryn *see* Deryn Chu
Chu Fang *see* Fang Chu
Chu Fu-Lai *see* Fu-Lai Chu
Chu Hon-Wai *see* Hon-Wai Chu
Chu Huey-Chi *see* Huey-Chi Chu
Chu Hung-Chi *see* Hung-Chi Chu
Chu Hung-Jen *see* Hung-Jen Chu
Chu Jang Hee *see* Jang Hee Chu
Chu Jiaru *see* Zhang Haijun 69279
Chu Kin-Ho *see* Kin-Ho Chu
Chu Man Lau *see* Li, S.-Y.R. 77685
Chu Minglee *see* Yu Zhongqiang 120207
Chu Po-Tao *see* Po-Tao Chu
Chu Renxin *see* Liang Wenbao 104587
Chu Se-Chul *see* Se-Chul Chu
Chu Sheng-Yuan *see* Sheng-Yuan Chu
Chu Shu-Hsun *see* Shu-Hsun Chu
Chu Tah-Hsiung *see* Tah-Hsiung Chu
Chu Tai-Po *see* Tai-Po Chu
Chu Tak Sum *see* Tak Sum Chu
Chu Tong *see* Tong Chu
Chu Wang *see* Kan Zhang 119207
Chu Wei-Kan *see* Wei-Kan Chu
Chu Wen-Chen *see* Wen-Chen Chu
Chu Wen-Ding *see* Wen-Ding Chu
Chu Wen-Hwa *see* Wen-Hwa Chu
Chu Xi *see* Xi Chu
Chu Yi *see* Yi Chu
Chu Yuan-Sun *see* Yuan-Sun Chu
Chu-Hsing Lin, Ching-Te Wang Integrated authentications based on identities 118155
Chu-Hsing Lin *see* Chin-Chen Chang 118541
Chu-Hwan Yim *see* Byungryong Kang 92127
Chu-Song Chen, Ja-Ling Wu, Yi-Ping Hung Statistical analysis of space-varying morphological openings with flat structuring elements 67071
Chu-Song Chen, Yi-Ping Hung, Ja-Ling Wu A 3D range data acquisition system combining laser lighting and stereo vision 79016
Chu-Ya Hsiao *see* Su, Y.T. 108802
Chua, C.L., Zhu, Z.H., Lo, Y.H., Hong, M., Bhat, R. Long wavelength VCSELs using wafer-fused GaAs/AlAs Bragg mirror and strain-compensated quantum wells 65320
Chua, C.M. *see* Lau, W.S. 74491
Chua, H.C. *see* Birlasekaran, S. 69355
Chua, K.M. *see* Chan, T.W. 81139
Chua, K.M. *see* Chan, T.W. 102260
Chua, K.T. *see* Vadher, V.V. 102771
Chua, L.O., Roska, T., Kozek, T., Zarandy, A. CNN universal chips crank up the computing power 93636
Chua, L.O., Tao Yang, Guo-Qun Zhong, Chai Wah Wu Synchronization of Chua's circuits with time-varying channels and parameters 114156
Chua, L.O. *see* Chai Wah Wu 67508
Chua, L.O. *see* Chai Wah Wu 83273
Chua, L.O. *see* Chai Wah Wu 104293
Chua, L.O. *see* Guo-Qun Zhong 114078
Chua, L.O. *see* Kozlov, A.K. 61677
Chua, L.O. *see* Tao Yang 108100
Chua, S.J. Smart semiconductor lasers 107319
Chua, S.J., Ramam, A. Molecular-beam epitaxy of high quality lattice matched $In_{1-x-y}Ga_xAl_yAs$ epitaxial layers on InP substrates 82637
Chua, S.J., Raman, A., Lim, N., Gopalakrishnan, R., Tan, K.L. Double heterostructure laser diode emitting at 1.06 μm using quaternary alloy of InGaAlAs 116503
Chua, S.J., Xu, S.J., Tang, X.H. Acceptor-related radiative recombination of quasi-two-dimensional electrons in modulation-doped $GaAs/Al_xGa_{1-x}As$ heterojunctions 83904
Chua, S.J. *see* Luo, C.P. 105319
Chua, T.C. *see* Hammons, T.J. 91111
Chua, T.C. *see* Hammons, T.J. 102049
Chua, T.S., Pung, H.K., Lunii, T.L. *(editors)* Multimedia Modeling. Towards Information Superhighway 112665
Chua Beng Huat *see* Tay Teng Tiow 98258
Chua Hock Chuan *see* Yihong Gong 67360
Chua Hock-Chuan *see* Hock-Chuan Chua
Chua Soo Jin *see* Vaya, P.R. 76028
Chua Soon-Ghee *see* Soon-Ghee Chua
Chuadhari, D.S. *see* Gaidhani, A.G. 120420
Chuah, M.C., Doshi, B.T., Dravida, S., Ejzak, R.P., Nanda, S. Performance comparisons of two retransmission protocols for CDMA 108858
Chuah Chen-Nee *see* Chen-Nee Chuah
Chuah Hean-Teik *see* Hean-Teik Chuah
Chuah Mooi Choo *see* Mooi Choo Chuah
Chuan Chingyi, Li Shengshu Performance comparison between coherent and noncoherent receivers for M-ary orthogonal signals in frequency-non-selected Rician slow fading channels 117932
Chuan Chua Hock *see* Chua Hock Chuan
Chuan Gao *see* Rauch, G.C. 115681
Chuan Hwang Bor *see* Bor Chuan Hwang
Chuan Kuan Yew *see* Yew Chuan Kuan
Chuan Kuo Ching *see* Ching Chuan Kuo
Chuan Li *see* Li Chuan
Chuan Lin, Chou, A.I., Kumar, K., Choudhury, P., Lee, J.C. Effect of BF_2 implantation on ultrathin gate oxide reliability 105563
Chuan Wang *see* Principe, J.C. 108366
Chuan Xiong Guo *see* Guo Chuan Xiong
Chuan Zhou, Guilin Zhang, Jiaxiong Pen Adaptive target tracking in multiscenario environment 86643
Chuan-Chen Tu *see* Wen-Thai Hsu 74765
Chuan-Cheng Cheng *see* Fang Xu 116750
Chuan-I Chen, Sheng-Nian Yeh An improved finite element method for induction motor analysis 81444
Chuan-Pu Liu *see* Sik-Han Soh 64062
Chuan-Sheng Liu *see* Yuan-Yih Hsu 71065
Chuan-Yu Wang, Roy, K. Maximum power estimation for CMOS circuits using deterministic and statistic approaches 95200
Chuan-Yu Wang, Roy, K., Tan-Li Chou Maximum power estimation for sequential circuits using a test generation based technique 113852
Chuandong Li *see* Li Chuandong
Chuang, C.-C. An adaptive image compression scheme based on wavelet transform and hybrid DCT/VQ/SQ 98115
Chuang, C.H. *see* King, Y.C. 89360
Chuang, C.W. *see* Liang, M.C. 97065
Chuang, C.Y. *see* Chia, W.M. 104233
Chuang, H. *see* Kalem, S. 105236
Chuang, H.-J. *see* Sheu, T.-J. 99537
Chuang, H.-R. *see* Chiang, C.-Y. 68154
Chuang, H.-R. *see* Chiang, C.-Y. 93162
Chuang, H.F., Lee, C.P., Tsang, J.S., Fan, J.C. Thermal reactions of $Pd/Al_xGa_{1-x}As$ contacts 105452
Chuang, I.L., Yamamoto, Y. Quantum bit regeneration 64857
Chuang, J.C.-I. Research towards wireless access to the infrastructure network 99336
Chuang, J.C.-I. *see* Chan, M.C.-C. 109510
Chuang, J.C.-I. *see* Cheng, M.M.-L. 68085
Chuang, J.C.-I. *see* Cheng, M.M.-L. 68151
Chuang, J.C.-I. *see* Jianhua Lu 119046
Chuang, J.C.-I. *see* Letaief, K.B. 78440
Chuang, J.C.-I. *see* Letaief, K.B. 88214
Chuang, J.C.-I. *see* Letaief, K.B. 119012
Chuang, J.C.-I. *see* Srivastava, A. 68191
Chuang, J.C.-I. *see* Srivastava, A. 99305
Chuang, J.C.-I. *see* Srivastava, A. 109423
Chuang, J.C.-I. *see* Yue Chen 68197
Chuang, J.C.-I. *see* Yue Chen 99335
Chuang, J.C.-I. *see* Yue Chen 108182
Chuang, J.C.-I. *see* Yue Chen 119079
Chuang, J.C.I. *see* Abdul-Haleem, M. 68190
Chuang, J.C.I. *see* Lau, S.S.-F. 78497
Chuang, M.D. *see* Huang, B.J. 122094
Chuang, S.H. *see* Tsai, M.H. 63168
Chuang, S.L. Optical gain of strained wurtzite GaN quantum-well lasers 116478
Chuang, S.L., Ukita, M., Kijima, S., Taniguchi, S., Ishibashi, A. Universal curves for optical power degradation of II-VI light-emitting diodes 106999
Chuang, S.L. *see* Bethea, C.G. 65270
Chuang, S.L. *see* Malin, J.I. 119675
Chuang, S.L. *see* Minch, J. 116531
Chuang, S.S. *see* Varsovia, J. 95316
Chuang, T. *see* Martin, R.A. 110298
Chuang, Y.C. *see* Moo, C.S. 71886
Chuang, Y.C. *see* Zhang, C. 75295
Chuang, Y.C. *see* Zhao, T. 75137
Chuang, Z.M., Lin, W., Wang, C.Y., Liao, H.H., Tu, Y.K. High performance complex-coupled 1.55 μm distributed feedback lasers for digital transmission 116518
Chuang Chin-Wen *see* Chin-Wen Chuang
Chuang Hsun-Hsin *see* Hsun-Hsin Chuang
Chuang Shaw-Cheng *see* Shaw-Cheng Chuang
Chuang Shiow-Huey *see* Shiow-Huey Chuang
Chuang-Chun Liu *see* Finesso, L. 97411
Chuang-Hen Yang *see* Ming-Jer Chen 61708
Chuangbai Xiao *see* Xiao Chuangbai
Chuangtian Chen, Baichang Wu, Wenlong Zeng, Yebin Wang, Ning Ye, Linhua Yu New nonlinear optical crystal $Sr_2Be_2B_2O_7$: growth and properties 107555
Chuangtian Chen, Zuyan Xu, Daoqun Deng, Zhang, J., Wong, G.K.L., Baichang Wu, Ning Ye, Dingyan Tang The vacuum ultraviolet phase-matching characteristics of nonlinear optical $KBe_2BO_3F_2$ crystal 65518
Chuangzhi Zhou *see* Zhou Chuangzhi
Chuanli Zhang *see* Zhang Chuanli
Chuanming Zhou *see* Zhou Chuanming
Chuanxiang Tang *see* Tang Chuanxiang
Chuanxiang Xu *see* Xu Chuanxiang
Chuanxin Lu *see* Lu Chuanxin
Chuanyuan Wen *see* Wen Chuanyuan
Chubachi, N., Kamata, H. Various equivalent circuits for thickness mode piezoelectric transducers 120924
Chubachi, N., Moo-Joon Kim Transmission line model equivalent circuit for piezoelectric transducers including the effect of electrical terminal impedance 90854
Chubachi, N. *see* Kamimura, K. 80696
Chubachi, N. *see* Kanai, H. 110675
Chubachi, N. *see* Murai, A. 62722
Chubachi, N. *see* Saijo, Y. 90849
Chubar, O.V. Determining electron beam parameters from edge radiation measurement results on Siberia-1 storage ring 100518
Chubar, O.V. Transverse electron beam size measurements using the Lloyd's mirror scheme of synchrotron light interference 100532
Chubarenko, V.A. *see* Perekalina, T.M. 114679
Chubarov, O. *see* Alimov, A. 89772
Chubarov, O.V. *see* Shvedunov, V.I. 89889
Chubart, R. *see* Pausch, G. 80022
Chubb, B. Under one roof [network management facilities] 67683
Chubb, J.N. Corona charging of practical materials for charge decay measurements 76341
Chubb, J.R. Technical and regulatory issues in electromagnetic emissions 89289
Chubb, S.R., Cooper, A.L., Jansen, R.W., Shen, C.Y. An end-to-end simulation of radar signatures from the HI-RES 1 rip feature 111289
Chubb, S.R. *see* Cooper, A.L. 111292
Chubin, D., Friedman, R., Kemp, K., Fainberg, A., Linsenmeyer, J. Policy analysis at the US Office of Technology Assessment 103356
Chubinskii, N.V. *see* Zadorozhnii, V.I. 96687
Chubraeva, L.I. *see* Berezhansky, V.B. 91459
Chubraeva, L.I. *see* Berezhansky, V.B. 91483
Chubraeva, L.I. *see* Berezhansky, V.B. 91485
Chubraeva, L.I. *see* Berezhansky, V.B. 95295
Chubraeva, L.I. *see* Glebov, I.A. 71234
Chubrin, V.A. Magnetic-recovery coefficient of magnetically hard materials 75278
Chubun, N., Lazarev, N., Sheshin, E., Suvorov, A. Vacuum fluorescent light source with carbon fibre field emission cathode 74051
Chubun, N.N. *see* Djubua, B.C. 73944
Chubun, N.N. *see* Givargizov, E.I. 74031
Chubun, N.N. *see* Suvorov, A.L. 74039
Chuchalin, A.I., Sipailov, G.A. Electromechanical pulse generators with active screening of the windings 102821
Chuchalin, A.I., Sipaylov, G.A. Electromachine impulse generators of disk construction with active coil 71224
Chuchem, D. *see* Kalisky, Y. 107051
Chuck Wong Short circuit capability of high current IGBTs 84377
Chuck Wu *see* Daschner, W. 95807
Chuck Xu *see* Yardley, J.T. 85045
Chudacek, V., Lochman, L., Varadinov, P. Signalling technology on Czech railways 122016
Chudakov, A.I. *see* Bakharev, S.A. 101585
Chudasama, A.R. *see* Shah, M.K. 121796
Chudi, P., Malmquist, A. Hybrid drive for low-emission trucks and buses 122011
Chudi, P. *see* Malmquist, A. 91868
Chudinov, V.N. *see* Postnikov, A.A. 103416
Chudnovsky, A.N., Khvostenko, P.P., Posadsky, I.A. Determination of settings in the protection system for Tokamak-15 superconducting magnet 95598
Chudoba, J. *see* Ajinenko, I. 90197
Chudobiak, M.J., Walkey, D.J. Subnanosecond 300 V diffused step recovery diode 94891
Chudy, J. *see* Kvasnica, P. 102278
Chuen-Tsai Sun, Chien Chou Experiencing CORAL: design and implementation of distant cooperative learning 112755
Chuen-Tzay Jean *see* Ching-Hsing Luo 120333

Chuen-Yau Chen, Chun-Yueh Huang, Bin-Da Liu, Te-Jen Su A current-mode fuzzy linguistic hedge circuit–more or less 115200
Chuev, V.I., Uan-Zo-Li, A.B., Volsky, S.I. High frequency thyristored converter for supplying commuter trains 122053
Chuev, V.I. *see* Uan-Zo-Li, A.B. 121689
Chugg, B. *see* Cabrera, B. 100819
Chugg, K.M., Polydoros, A. On the existence and uniqueness of joint channel and data estimates 66216
Chugg, K.M., Polydoros, A. MLSE for an unknown channel .I. Optimality considerations 86277
Chugg, K.M., Polydoros, A. MLSE for an unknown channel. II. Tracking performance 99359
Chugui, Yu.V. *see* Bityutskii, O.I. 60685
Chugun, T. *see* Mitsui, H. 79765
Chugunov, A.A., Shlepnev, I.O., Romanov, M.L., Pedyash, B.V., Potapov, I.A. Graphical interpretation of electromagnetic tests on fuel rods followed by data analysis 93004
Chuhwan Yim *see* Byungryong Kang 72393
Chuhwan Yim *see* Byungryong Kang 88042
Chui, C. *see* Hung-Ju Lee 87900
Chui, C.K., Jian-Ao Lian A study of orthonormal multi-wavelets 72574
Chui, C.K., Ward, J.D., Jetter, K., Stuckler, J. Wavelets for analyzing scattered data: an unbounded operator approach 108235
Chui, C.K. *see* Ainsleigh, P.L. 66827
Chui, C.K. *see* Gaofeng Wang 107840
Chui, C.K. *see* Goswami, J.C. 97225
Chui, C.K. *see* Goswami, J.C. 97799
Chui, H. *see* Howard, A.J. 79687
Chui, H.C. *see* Biefeld, R.M. 82650
Chui, H.C. *see* Breiland, W.G. 61421
Chui, H.C. *see* Choquette, K.D. 65316
Chui, H.C. *see* Choquette, K.D. 105602
Chui, H.C. *see* Choquette, K.D. 107284
Chui, H.C. *see* Hou, H.Q. 107308
Chui, H.C. *see* McGregor, D.S. 80153
Chui, H.C. *see* McGregor, D.S. 92663
Chui, H.C. *see* Pezeshki, B. 116529
Chui, H.C. *see* Sung, B. 62887
Chui, H.C. *see* Zolper, J.C. 74533
Chui, S.-T. *see* Pudalov, V.M. 63144
Chui, S.P., Chan, C.F. Real-time implementation of an 8 kbit/s low-delay CELP coder 98954
Chui, S.T. Finite temperature magnetization reversal in ultrathin magnetic films 64182
Chui Chen-Shou *see* Chen-Shou Chui
Chuiko, V.G. Normalization of the characteristics and methods of testing and checking microwave multimeters 69378
Chuiko, V.G., Bryanskii, L.N. VNIIFTRI radio standards: state of the art and development trends 79212
Chuiko, V.G. *see* Mekhannikov, A.I. 68951
Chuiko, V.G. *see* Panteleeva, T.R. 69476
Chuiying Fan *see* Fan Chuiying
Chujko, W.A. *see* Veiko, V.P. 104103
Chukwujekwu Okafor, A., Chandrashekhara, K., Jiang, Y.P. Delamination prediction in composite beams with built-in piezoelectric devices using modal analysis and neural network 82780
Chul, P.P., Frantz, B. A reprogrammable FPGA-based ATM traffic generator 98375
Chul An *see* Jae Yeong Kim 94899
Chul An Byeong *see* Byeong Chul An
Chul Han Kwon *see* Hyung-Ki Hong 119778
Chul hee Lee *see* Jeong hyun Yi 67540
Chul Hi Han *see* Ho Jun Lee 84619
Chul Ho Lee *see* Kwan Pyo Hong 109943
Chul Jin Choi, Sang Yong Lee Transient analysis of a condensation experiment in the noncondensable gas-filled closed loop using an inverted U-tube 71095
Chul Kim Ho *see* Ho Chul Kim
Chul Kim Jun *see* Jun Chul Kim
Chul Kim Kang *see* Kang Chul Kim
Chul Kim Nam *see* Nam Chul Kim
Chul Kim Rin *see* Rin Chul Kim
Chul Kim Young *see* Young Chul Kim
Chul Lee Hee *see* Hee Chul Lee
Chul Park Byung *see* Byung Chul Park
Chul Park Dong *see* Dong Chul Park
Chul Park Jong *see* Jong Chul Park
Chul Park Kwon *see* Kwon Chul Park
Chul Roh June *see* June Chul Roh
Chul Shin Hyun *see* Hyun Chul Shin
Chul Song Jai *see* Jai Chul Song
Chul Song Won *see* Won Chul Song
Chul Sung Kim, Sung Baek Kim, Kim, K.Y., Lee, J.S., Noh, T.H. Crystallization and magnetic properties of $Fe_{84}B_9Nb_7$ amorphous ribbons 115572
Chul Sung Kim, Sung Baek Kim, Lee, J.S., Noh, T.H. Magnetic properties and the crystallization of amorphous $Fe_{83}B_9Nb_7Cu_1$ 64307
Chul Sung Kim, Young Jong Lee, Seung Wha Lee, Kim, Y.B., Kim, C.S. Crystallographic and magnetic properties of $NdFe_{10.7}TiM_{0.3}$(M=B, Ti) 64316
Chul-Ho Lee *see* Jung-Hyun Hwang 108477
Chul-Ho Won, Myoung-Nam Kim, Sung-Mo Koo, Jin-Ho Cho Speckle noise removing and edge detection in ultrasonic images 98234
Chul-Hwan Kim, Woo-Gon Chung, Jong-Bum Lee Neural network-based fault identification system for underground cable 102163
Chul-Hwan Kim, Woo-Gon Chung, Myong-Chul Shin, Sung-Wan Park, Myong-Hee Lee, Yong-Pil Seo, Hae-Sul Choi A study on the expert system for fault location estimation in underground cable 70930
Chul-Hwan Kim, Young-Bum Lim, Woo-Gon Chung, Tae-Won Kwon, Jong-Young Hwang, Il-Dong Kim A study on the fault indentification of underground cable using neural networks 81079
Chul-Ro Yu, Hong-Gyu Kim, Hyun-Chul Park Reducing harmonics of the multi-pulse rectifier circuit without 3-phase input transformer 112112
Chul-Soo Oh *see* Young-Taek Seo 81363
Chul-Soon Park *see* Hyung-Sup Yoon 63770
Chul-Soon Park *see* Jin-Hee Lee 63782
Chul-Soon Park *see* Wu Lu 95065
Chul-Un Yi *see* Ho Soek 81267
Chul-Won Lee, In-Chil Lim Design of a speech recognition system using hidden Markov models 66601
Chul-Won Park, Myong-Chul Shin A study on the internal fault discrimination system of generator using artificial neural networks 102637
Chulcova, G.M. *see* Verevkin, A.A. 105288
Chulhun Seo, Chen, J.C. Low transition losses in bent rib waveguides 116974
Chulhun Seo, Young-Jin Sim Optical bent rib waveguide with reduced transition losses 64746
Chulichkov, A.L. *see* Larichev, A.V. 96663
Chulkov, V.A. Generator of pulses with phase jitter 93185
Chulkov, V.A. Square-root voltage converter 93635
Chulsoon Kim *see* Yamasaki, A. 79585
Chulung Chen *see* Mingzhe Lu 117762
Chum-Sam Hong *see* Bor-Yir Chen 106036
Chumakov, A.G. *see* Musatenko, Y.S. 87176
Chumakov, A.I. *see* Ruffer, R. 69910
Chumakov, S.N., Goncharov, A.D., Malygin, A.N., Ostanin, V.P., Sukhina, B.N., Tupikov, V.S. Advances in power supply and control system for electrostatic accelerators 102854
Chumakov, S.N. *see* Sukhina, B.N. 79806
Chumakov, V.I. *see* Nikiforov, A.Y. 115360
Chuman, H. *see* Nagai, A. 112305
Chumber, H.K., Kalavade, P.P., Parikh, C.D., Das, A. RADSPICE: a circuit simulator to predict the effects of radiation 106176
Chumenkov, V.P. *see* Vasil'ev, B.A. 89007
Chun, C. *see* Bergman, L.A. 109585
Chun, C. *see* Evers, N. 105859
Chun, C. *see* Sadjadi, F. 86937
Chun, C. *see* Sadjadi, F. 111117
Chun, C.K.Y. *see* Schwartz, D.B. 96052
Chun, C.S.L., Fleming, D.L., Harvey, W.A., Torok, E.J. Polarization-sensitive, thermal imaging sensor 69277
Chun, C.S.L., Sadjadi, F.A., Ferris, D. Automatic target recognition using polarization-sensitive, thermal imaging 98214
Chun, D.N., Yang, H.S. Robust image segmentation using genetic algorithm with a fuzzy measure 77415
Chun, H.J., Bowles, J.A., Branduardi-Raymont, G., Gowen, R.A. On-board event processing algorithms for a CCD-based space borne X-ray spectrometer 101003
Chun, J.-S., Bok, C.-K., Baik, K.-H. Study on reduction of substrates dependency of chemically amplified resist 105762
Chun, J.S. *see* Chang, Y.H. 61320
Chun, J.S. *see* Il Kim 72878
Chun, J.S. *see* Kim, I. 95242
Chun, K. *see* Ham, Y.-M. 115113
Chun, K. *see* Suh, T. 115102
Chun, K.-G., Kim, J.-H., Son, H.-N., Shim, C.-S. The operation and maintenance for HLS-2500 lightwave transmission system 68513
Chun, K.W., Jeon, B., Jo, J.M. Irregular triangular mesh representation based on adaptive control point removal 86929
Chun, L.S.How Kee *see* How Kee Chun, L.S.
Chun, S.K. Screening effects on the degree of ionization and hole mobility for *p*-type Si and Ge 114574
Chun, W.J. *see* Lee, J.H. 85943
Chun, Y.-Y. *see* Kang, S.-S. 99774
Chun, Y.S., Murata, H., Hsu, T.C., Ho, I.H., Su, L.C., Hosokawa, Y., Stringfellowa, G.B. Effects of V/III ratio on ordering in GaInP: atomic scale mechanisms 61247
Chun Biao Guo *see* Guo Chun Biao
Chun Byung Tae *see* Byung Tae Chun
Chun Chian Lu Frequency acquisition in a synchronous CDMA cordless phone using fast Walsh transform 99172
Chun Ding *see* Zhoughe Jin 84666
Chun Ding *see* Ding Chun
Chun Dong Suk *see* Dong Suk Chun
Chun Duck Kim *see* Kyung Hwan Cha 98960
Chun Gyoo Lee, Ho Young Ahn, Byung Gook Park, Jong Duk Lee New approach to manufacturing field emitter arrays with sub-half-micron gate apertures 83738
Chun Gyoo Lee, Ho Young Ahn, Jong Duk Lee, Hen Suh Park A new approach to manufacturing field emitter arrays with submicron gate apertures 73982
Chun Hsing Liu, Yokoyama, M., Yan Kuin Su, Nien Chung Lee Atomic layer epitaxy of ZnS by low-pressure horizontal metalorganic chemical vapor deposition 72836
Chun Hsiung Chen Electromagnetic properties of composite materials 97201
Chun Hsiung Chen *see* Chun-Lin Liao 93660
Chun Hu, Li, G.P. Low frequency noise consideration for MOSFET analog circuits 62053
Chun Jang-Sung *see* Jang-Sung Chun
Chun Jeon Byung *see* Byung Chun Jeon
Chun Jiang, Nowak, E., Ding, L., Loh, Y.T. Optimization of boron pocket implantation for deep sub-micron NMOSFET process 84577
Chun Jiang, Nowak, E., Manley, M. Process and design for ESD robustness in deep submicron CMOS technology 95201
Chun Jiang, Pramanik, D., Chenming Hu Hot carrier reliability considerations for low Vdd CMOS technology 84582
Chun Jiang *see* Jiang Chun
Chun Joong Chang *see* Joong Chang Chun
Chun Junchul *see* Junchul Chun
Chun Kim Yong *see* Yong Chun Kim
Chun Kukjin *see* Kukjin Chun
Chun Li *see* Li Chun
Chun Loo Statistical models for land mobile and fixed satellite communications at Ka band 109534
Chun Luo *see* Luo Chun
Chun Miao Hua *see* Miao Hua Chun
Chun Tae-Won *see* Tae-Won Chun
Chun Wai Leung, Kin Hong Wong Computer stereo vision using adaptive resonance theory 97928
Chun Yong Jin *see* Yong Jin Chun
Chun Yoonsan *see* Yoonsan Chun
Chun Young Yun *see* Young Yun Chun
Chun Zhu Song *see* Song Chun Zhu
Chun-Ching Shih Depolarization effect in a resonator with corner-cube reflectors 96571
Chun-Hong Hou *see* Fujiwara, H. 115841
Chun-Hui Lai, Jaw-Lih Gau, Ming-Shaung Ju, Chen, J.-J.J. Development of spasticity measurement system for quantitative analysis of stretch reflexes in spastic subjects 80181
Chun-Hung Kuo, Chang-Fuu Chen Nearly optimum multilevel block truncation coding based on a mean absolute error criterion 108519
Chun-Hung Lin, Ja-Ling Wu Genetic block matching algorithm for video coding 98104
Chun-Hung Lin *see* Guan-Chyun Hsieh 81578
Chun-Hung Lin *see* Jiun-Jie Huang 108421
Chun-Hung Wen *see* Meng-Huang Lee 68855
Chun-I Fan, Chin-Laung Lei Low-computation blind signature schemes based on quadratic residues 97540
Chun-Jen Chen *see* Kwang-Lung Lin 82191
Chun-Jieh Huang *see* Chen-Pin Kung 61838
Chun-Kit Chan, Lian-Kuan Chen A correction scheme for measurement accuracy improvement in multichannel CATV systems 88850
Chun-Kit Chan, Lian-Kuan Chen Power penalty of ultrafast time-division demultiplexer using cascaded multi-quantum well electro-absorption modulators 118705
Chun-Kit Chan, Lian-Kuan Chen, Kwok-Wai Cheung A fast channel-tunable optical transmitter for ultrahigh-speed all-optical time-division multiaccess networks 78738
Chun-Kit Chan, Lian-Kuan Chen, Kwok-Wai Cheung Experimental demonstration of a high-speed all-optical tunable-channel multi-access (TCMA) network 78951
Chun-Lin Liao, Yu-Ming Tu, Jeng-Yi Ke, Chun Hsiung Chen Propagation of Gaussian pulses in lossy coplanar waveguides 93660
Chun-Luh Guan *see* Guan Chun-Luh
Chun-Min Hu *see* Hua-Sou Tong 79629
Chun-Nan Hung, Lih-Hsing Hsu, Ting-Yi Sung A response to Volgenant's addendum on the most vital edges 60872
Chun-Ping Zhang *see* Li-Qun Gu 106903
Chun-Sam Kim *see* Byung-Do Yoon 112456
Chun-Shan Wang *see* Tsung-Han Ho 82258
Chun-Shin Lin *see* Yi-Hsun Ethan Cheng 77119
Chun-Ta Ho, Ling-Hwei Chen A high-speed algorithm for line detection 67032
Chun-Tang Chao, Ching-Cheng Teng A fuzzy neural network based extended Kalman filter 66620
Chun-Tang Chao, Ching-Cheng Teng A fuzzy neural network based extended Kalman filter 108267
Chun-Wah Lam *see* Sarkodie-Gyan, T. 117699
Chun-Xi Wang *see* Irwin, J. 100515
Chun-Xia Du, Jun Deng, Qun Li, Guang-di Shen GaAs/GaAlAs quantum well infrared detector with bias-tuned wavelength and large absorption bandwidth 99982
Chun-Xiang He *see* Fa-Long Luo 76905
Chun-Yen Chang *see* Chien-Jen Wang 72769
Chun-Yen Chang *see* Chun-Yi Chai 63113
Chun-Yen Chang *see* Chun-Yi Chai 63114
Chun-Yen Chang *see* Hsiao-Yi Lin 115212
Chun-Yen Chang *see* Ting-Chang Chang 61324
Chun-Yen Chang *see* Ting-Chang Chang 64906
Chun-Yen Chang *see* Yeong-Lin Lai 62237
Chun-Yi Chai, Janne-Wha Wv, Jan-Dar Guo, Jung-A Huang, Yong-Lin Lai, Shih-Hsiung Chan, Chun-Yen Chang, Yi-Jen Chan, Huang-Chung Cheng High-performance Au/Ti/Ge/Pd ohmic contacts on n-type $In_{0.5}Ga_{0.5}P$ 63113
Chun-Yi Chai, Jung-A Huang, Yong-Lin Lai, Janne-Wha Wu, Chun-Yen Chang, Yi-Jen Chan, Huang-

Chung Cheng Excellent Au/Ge/Pd ohmic contacts to n-type GaAs using Mo/Ti as the diffusion barrier 63114
Chun-Ying Chen, Kanicki, J. High field-effect-mobility a-Si:H TFT based on high deposition-rate PECVD materials 105959
Chun-Yueh Huang, Ching-Jone Wang, Bin-Da Liu Modular current-mode multiple input minimum circuit for fuzzy logic controllers 73199
Chun-Yueh Huang *see* Chuen-Yau Chen 115200
Chunbin Zhang *see* Zhang Chunbin
Chunbo Liu, Antonsen, T.M., Jr., Levush, B. Simulation of the velocity spread in magnetron injection guns 105022
Chunchieh Huang, Papp, J., Najafi, K., Nagib, H.M. A microactuator system for the study and control of screech in high speed jets 74886
Chunda Chen *see* Chen Chunda
Chundi, P., Narasimhan, R., Rosenkrantz, D.J., Ravi, S.S. Using active clients to minimize replication in primary-backup protocols 109031
Chundi Mu *see* Peng Cheng 111483
Chundy, V., Kurekova, E. *(editors)* ISMCR '95. Proceedings of the Fourth International Symposium on Measurement and Control in Robotics 92030
Chune, H.H., Chung, K.S. Breakdown characteristics of gate oxides with oxidation ambients and electrode materials 84006
Chunfei Li, Tao Hong Dark spatial soliton and induced flexible waveguide in C_{60} solution 107578
Chunfei Li *see* Hongyao Xu 76119
Chunfei Li *see* Li Chunfei
Chung, A.W.K., Bleijs, J.A.M. Optimal performance of synchronous generator with boost rectifier for variable speed wind turbine 102532
Chung, A.W.K. *see* Bleijs, J.A.M. 102586
Chung, A.W.K. *see* Dutton, A.G. 102552
Chung, B. *see* Chen, T.-S. 86913
Chung, C.-D. Differentially amplitude and phase encoded QAM for correlated Rician fading channels with diversity reception 99393
Chung, C.-W., Srihari, K., Adriance, J.H., Westby, G.R. A "closed loop" system for the realtime control of solder paste stencil printing 73877
Chung, D. *see* Fawcett, B. 113856
Chung, D.-E. *see* Woo, J.-H. 104963
Chung, D.D.L. *see* Frysz, C.A. 112194
Chung, D.D.L. *see* Frysz, C.A. 112195
Chung, D.D.L. *see* Frysz, C.A. 112197
Chung, D.D.L. *see* Wallace, R.L. 112376
Chung, D.D.L. *see* Xiaoping Shui 69030
Chung, D.D.L. *see* Xiaoping Shui 95333
Chung, D.D.L. *see* Xiaoping Shui 112301
Chung, D.J., Pineda de Gyvez, J., Sanchez-Sinencio, E. An anti-aliasing two-pass image rotation 66983
Chung, F.R.K., Graham, R.L., Yau, S.-T. On sampling with Markov chains 103558
Chung, H., Hui, S.Y.R., Tse, K.K. Reduction of EMI emission from power converter using soft-switching techniques 71537
Chung, H., O, B., Ioinovici, A. Switched-capacitor-based DC-to-DC converter with improved input current waveform 113740
Chung, H. *see* Oh, Y. 75423
Chung, H. *see* Poon, N.K. 121663
Chung, H. *see* Si, W. 105148
Chung, H. *see* Tse, K.K. 121678
Chung, H. *see* Yoo, J. 115885
Chung, H.-C. *see* Wu, C.-L. 99017
Chung, H.K., MacFarlane, J.J., Moses, G.A., Wang, P. Time-dependent collisional-radiative modeling for analyzing spectra obtained in PBFA-II light ion beam experiments 69641
Chung, H.R., Kwon, S.J., Lee, J.D. Fabrication of the silicon field emitter arrays with H_2O densified oxide as a gate insulator 114514
Chung, H.T., Lee, S.C., Yoon, J.K. Numerical prediction of operational parameters in Czochralski growth of large-scale Si 82577
Chung, H.T. *see* Chai, J.S. 100809
Chung, H.Y. *see* Henkel, W. 78245
Chung, H.Y. *see* Henkel, W. 87976
Chung, J. *see* Lee, D.H. 74582
Chung, J.E. *see* Hua-Fang Wei 94951
Chung, J.E. *see* Kim, S.-W.A. 95026
Chung, J.S. *see* Roh, Y.R. 110257
Chung, J.W. *see* Do, J.Y. 110399
Chung, K. *see* Monti, C.T. 92224
Chung, K. *see* Wiederspahn, L. 73819
Chung, K.-L. A fast pipelined median filter network 98096
Chung, K.-L., Yan, W.-M., Wu, J.-G. A parallel algorithm for solving special tridiagonal systems on ring networks 72562
Chung, K.-W., Lee, J.-H., Yom, I.-B., Park, K.-R., Kim, J.-M. Design of in-line six-pole triple-mode narrow-band channel filter using iris optimization method 114230
Chung, K.C. *see* Brienza, D.M. 80498
Chung, K.H. *see* Cho, S.O. 96447
Chung, K.H. *see* Kim, S.H. 79874
Chung, K.I., Lim, C.T. Asymmetric distribution of PAM signals and blind equalization algorithm using 3rd order statistics 117455
Chung, K.S. *see* Chune, H.H. 84006
Chung, L. *see* Joshi, A.B. 95028
Chung, M., Margulies, S. Aging studies on stressed and unstressed scintillating, wave-shifting, and clear fibers 79999
Chung, M., Margulies, S., Adams, M., Baumbaugh, B., Bertram, I., Bross, A., Choi, S., Chung, M., Grunendahl, S., Kang, J.S., Kim, C.L., Kim, S.K., Koltick, D., Lobkowicz, F., Margulies, S., Park, Y.M., Paterno, M., Pischalnikov, Y., Ruchti, R., Solomon, J., Warchol, J., Wayne, M., Yu, Y. Development of a multichannel fiber-to-fiber optical connector for the D0 upgrade tracker 80031
Chung, M. *see* Adams, M. 110591
Chung, M. *see* Baumbaugh, B. 80030
Chung, M. *see* Chung, M. 80031
Chung, M. *see* Margulies, S. 80000
Chung, M. *see* Venkatesh, B. 73350
Chung, M.J. *see* Damarla, T.R. 104971
Chung, M.S. *see* Miskovsky, N.M. 105003
Chung, M.Y., You, J.U., Sung, D.K., Choi, B.D., Park, J.Y. Performability evaluation of common channel signaling networks 78111
Chung, M.Y. *see* Hong, S.I. 119105
Chung, P.S. *see* Guanchang Jin 61495
Chung, P.S. *see* Guanchang Jin 75426
Chung, P.S. *see* Pun, E.Y.B. 106832
Chung, P.S. *see* Shi, L.P. 75554
Chung, P.S. *see* Zhang, Z.X. 69536
Chung, P.S. *see* Zhu, N.H. 75545
Chung, P.S. *see* Zhu, N.H. 93669
Chung, P.Y. *see* Navarro, E.A. 116953
Chung, P.Y. *see* Yihong Qi 97118
Chung, R., Nevatia, R. Use of monocular groupings and occlusion analysis in a hierarchical stereo system 77465
Chung, S.-I. *see* Togawa, S. 113275
Chung, S.-K. *see* Bae, D.-G. 114697
Chung, S.C. *see* Hsu, I. 89890
Chung, S.H. *see* Sanders, T.J. 84569
Chung, S.I. *see* Togawa, S. 61134
Chung, S.I. *see* Togawa, S. 61135
Chung, S.J. Roles of satellite communication in global information infrastructure (GII) 88425
Chung, S.J. *see* Kim, J.S. 74221
Chung, S.J. *see* Li, Y.B. 105312
Chung, S.J. *see* Tang, P.J.P. 114775
Chung, S.S. *see* Giahn-Horng Lee, R. 63737
Chung, T. *see* Carey, D. 94149
Chung, T. *see* Nitz, H. 88477
Chung, T.S. *see* Yan, Z. 70732
Chung, T.T. *see* Dow, G.S. 89157
Chung, T.T. *see* Lin, E.W. 90881
Chung, W., Un, C. Performance evaluation of a collision resolution protocol with random packet sizes 77734
Chung, Y., Barr, D., Decker, G., Evans, K., Jr., Kahana, E. Sensitivity and offset calibration for the beam position monitors at the Advanced Photon Source 100534
Chung, Y., Barr, D., Decker, G., Galayda, J., Kirchman, J., Lenkszus, F., Lumpkin, A., Votaw, A.J. Implementation status of the global and local beam position feedback systems for the Advanced Photon Source storage ring 100614
Chung, Y., Kahana, E., Kirchman, J., Lumpkin, A., Meyer, J., Plouviez, E., Scheidt, K., Taurel, E., Ando, A., Sasaki, S., Taketani, A. Local beam position feedback experiments on the ESRF storage ring 100613
Chung, Y. *see* Lumpkin, A. 100419
Chung, Y. *see* Lumpkin, A. 100580
Chung, Y. *see* Raicu, D. 62336
Chung, Y.-C. *see* Kim, C.-H. 68509
Chung, Y.-S. *see* Seo, J.M. 83834
Chung, Y.C. *see* Kim, H. 95934
Chung, Y.H., Parsons, J.D., Turkmani, A.M.D. The prediction of BER performance in the GSM radio system 109453
Chung, Y.N. *see* Tay, K.W. 100265
Chung, Y.S., Keun Ho Auh, Hill, D.N. Effects of solution parameters on the deposition of $YBa_2Cu_3O_x$ phase prepared by aerosol feed method in a cold plasma reactor 92801
Chung, Y.W. *see* Wu, R.T. 70534
Chung Bag-Soon *see* Bag-Soon Chung
Chung Chae Hun *see* Chae Hun Chung
Chung Chan *see* Bernstein, J.D. 63250
Chung Chan *see* Chu, P.K. 84103
Chung Chan *see* Linggen Song 114870
Chung Chan *see* Shu Qin 105562
Chung Chi-Ming *see* Chi-Ming Chung
Chung Choi Kuey *see* Kuey Chung Choi
Chung Chung-Ping *see* Chung-Ping Chung
Chung Dae-Hyun *see* Dae-Hyun Chung
Chung Dae-Woong *see* Dae-Woong Chung
Chung Dong June *see* Dong June Chung
Chung Duck-Jin *see* Duck-Jin Chung
Chung Gil Yong *see* Gil Yong Chung
Chung Ha Poong *see* Ha Poong Chung
Chung Hae *see* Hae Chung
Chung Hai Bin *see* Hai Bin Chung
Chung Ho Sun *see* Ho Sun Chung
Chung Hoi Hwan *see* Hoi Hwan Chung
Chung Hong Kyu *see* Hong Kyu Chung
Chung Hwa Kim *see* Sung Shick Koh 86701
Chung Hwe Ihn *see* Hwe Ihn Chung
Chung Hweihn *see* Hweihn Chung
Chung Hyuk Yim, Jin Il Song, Dong Il Kim, Sung Kwun Kim Nonlinear feedforward control of brushless DC motors (BLDCM) 71336
Chung In-Hang *see* In-Hang Chung
Chung In-Sool *see* In-Sool Chung
Chung Insook *see* Insook Chung
Chung Jae-Moon *see* Jae-Moon Chung
Chung Jang-Ho *see* Jang-Ho Chung
Chung Jen-Kung *see* Jen-Kung Chung
Chung Jin Kuk *see* Jin Kuk Chung
Chung Jin-Kuk *see* Jin-Kuk Chung
Chung Jin-Wan *see* Jin-Wan Chung
Chung Jinwook *see* Jinwook Chung
Chung Jong-Tai *see* Jong-Tai Chung
Chung Joong Sung *see* Joong Sung Chung
Chung Ju-Chi *see* Ju-Chi Chung
Chung Ki Hyun *see* Ki Hyun Chung
Chung Kim *see* Kagel, J.H. 82393
Chung Ko Chi *see* Chi Chung Ko
Chung Kun Lee *see* Jin Kyu Choe 109289
Chung Kuo-Liang *see* Kuo-Liang Chung
Chung Kwan Soo *see* Kwan Soo Chung
Chung Kyu Sik *see* Kyu Sik Chung
Chung Lae Kim, Jin Seob Eom, Hong Sik Jung Development of WDM integrated optical protection socket module 88060
Chung Lee Nien *see* Nien Chung Lee
Chung Len Lee *see* Chao Sung Lai 63661
Chung Len Lee *see* Chen, J.E. 61831
Chung Len Lee *see* Meng Lieh Sheu 61766
Chung Len Lee *see* Wan Chang Huang 83983
Chung Len Lee *see* Wen Ching Wu 61759
Chung Len Lee *see* Yung Hao Lin 74489
Chung Min Young *see* Min Young Chung
Chung Min-Sub *see* Min-Sub Chung
Chung Moon Jung *see* Moon Jung Chung
Chung Myoung Jun *see* Myoung Jun Chung
Chung Myung Jin *see* Myung Jin Chung
Chung Sang-Hwa *see* Sang-Hwa Chung
Chung Sang-Jin *see* Sang-Jin Chung
Chung Sang-Koo *see* Sang-Koo Chung
Chung Seok-Whan *see* Seok-Whan Chung
Chung Seon Jong *see* Seon Jong Chung
Chung Suck Jong *see* Suck Jong Chung
Chung Tae Kyung *see* Tae Kyung Chung
Chung Tsoi Ah *see* Ah Chung Tsoi
Chung Wan-Young *see* Wan-Young Chung
Chung Wilson Ching-Lan *see* Wilson Ching-Lan Chung
Chung Won-Kuk *see* Won-Kuk Chung
Chung Woo-Gon *see* Woo-Gon Chung
Chung Yeong Jee *see* Yeong Jee Chung
Chung Yip-Wah *see* Yip-Wah Chung
Chung Yon-Tack *see* Yon-Tack Chung
Chung Yooseok *see* Yooseok Chung
Chung Young Boong *see* Young Boong Chung
Chung Young Mo *see* Young Mo Chung
Chung Yueh Liang *see* Yueh Liang Chung
Chung Yuen Won *see* Wook Kang 81944
Chung Yujin *see* Yujin Chung
Chung Yul Choi *see* Eon Gon Kim 117342
Chung Yunmo *see* Yunmo Chung
Chung-Bow Lee *see* Tze Fen Li 97679
Chung-Cheng Chang *see* Wen-Shiung Lour 95994
Chung-Chi Hsu *see* Yue-Fei Yang 114290
Chung-Chih Hung, Changku Hwang, Ismail, M. CMOS low-voltage rail-to-rail V-I converter 93633
Chung-Chin Lu *see* Lu Chung-Chin
Chung-Ching Chiou *see* Nen-Fu Huang 77645
Chung-Han Chen Embedding binary tree in VLSI/WSI processor array 74783
Chung-Ho Chen *see* Wittenbrink, C.M. 77407
Chung-Hsien Liang The total organic carbon issue and its importance to the nuclear and fossil power plants 81296
Chung-Hsu Chen *see* Siddiqui, M.K. 83503
Chung-Hwa Chang, Way-Seen Wang A novel Y-branch waveguide for power dividing and mode splitting 116081
Chung-Jen Wu *see* Pakhomov, A. 116698
Chung-Ju Chang, Jeh-Ho Lee, Fang-Ching Ren Design of power control mechanisms with PCM realization for the uplink of a DS-CDMA cellular mobile radio system 99229
Chung-Ju Chang, Lain-Chyr Hwang Analysis of a general service nonexhaustive polling system using a heuristic combination method and pseudoconservation law 77937
Chung-Ju Chang *see* Ray-Guang Cheng 77684
Chung-Ju Chang *see* Ray-Guang Cheng 87342
Chung-Ju Chang *see* Tian-Tsair Su 68275
Chung-Kuan Cheng *see* Carragher, R.J. 95097
Chung-Kuan Cheng *see* Hamada, T. 93220
Chung-Kuan Cheng *see* Huoy-Yu Liou 83023
Chung-Kuan Cheng *see* Jianmin Li 83019
Chung-Kuan Cheng *see* Lillis, J. 61555
Chung-Kuan Cheng *see* Lillis, J. 82861
Chung-Kuan Cheng *see* Lillis, J. 95121
Chung-Kuan Cheng *see* Ming-Ter Kuo 83024
Chung-Kuan Cheng *see* Xianlong Hong 83057
Chung-Kun Song *see* Key-Jeong Yoon 94535
Chung-Li Lu, Fong, T.K., Hofmeister, R.T., Poggiolini, P., Kazovsky, L.G. CORD–A WDM optical network: design and experiment of fast data synchronization by pilot-tone transport 88611
Chung-Li Lu *see* Chlamtac, I. 78735
Chung-Liang Chang *see* Yuan-Yih Hsu 71065
Chung-Lun Li *see* Chung-Yee Lee 72530
Chung-Ming Chen, Zang-Hee Cho, Cheng-Yi Wang A fast implementation of the incremental backprojection algorithms for parallel beam geometries 101176
Chung-Ming Huang, Chian Wang, Jyh-Shiou Chen, Chih-Hao Lin Synchronization architectures and control schemes for interactive multimedia presentations 109215

Chung-Ming Huang, Huei-Yang Lai, Duen-Tay Huang A multi-event-one-transition plus incremental processing protocol verification method 108832
Chung-Ming Huang, Jenq-Muh Hsu An Estelle translator for incremental protocol verification 87453
Chung-Ming Kuo, Chaur-Heh Hsieh, Yue-Dar Jou, Hsieh-Cheng Lin, Po-Chiang Lu Motion estimation for video compression using Kalman filtering 87187
Chung-Ming Sun *see* Polydoros, A. 88380
Chung-Nan Lee, Haralick, R.M. Statistical estimation for exterior orientation from line-to-line correspondences 77370
Chung-Ping Chen, Yao-Ping Chen, Wong, D.F. Optimal wire-sizing formula under the Elmore delay model 82870
Chung-Ping Chen, Yao-Wen Chang, Wang, D.F. Fast performance-driven optimization for buffered clock trees based on Lagrangian relaxation 82863
Chung-Ping Chien, Tanielian, M.H., Cech, J.M., Burnett, A.F. The high clock rate digital signal propagation characteristics of microstrip interconnects over a perforated reference plane in copper/polyimide MCMs 94133
Chung-Ping Chung *see* Chang-Chung Liu 83140
Chung-Sheng Li, Castelli, V., Elvidge, C.D. Automatic tracking of land cover transformation through LANDSAT multispectral scanner (MSS) images using neural network classifiers 66913
Chung-Sheng Li, Ofek, Y., Moti Yung "Time-driven priority" flow control for real-time heterogeneous internetworking 87724
Chung-Sheng Li *see* Ming-Syan Chen 67359
Chung-Sheng Li *see* Tong, F. 88574
Chung-sik Lee *see* Hee-seok Koh 101989
Chung-Tair Chow *see* Lir-Fang Sun 78151
Chung-Tao Chu, Anastassiou, D., Shih-Fu Chang Hybrid block-based/segment-based video compression at very low bit rate 86749
Chung-Wei Ku, Liang-Gee Chen, Chang-Hong Chen, Juing-Yin Jin, Chau-Tan Huang Investigation of a visual telephone prototyping on personal computers 108986
Chung-wook Lee *see* Kyung-jae Kim 76606
Chung-Yee Lee, Chung-Lun Li On the fixed interval due-date scheduling problem 72530
Chung-Yeon Won *see* Sei-Chan Kim 81434
Chung-Yeun Won *see* Dong-Wook Yoo 93121
Chung-Yi Lee, Basu, A., Liao, J., Wong, J.S.-M., Houshmand, B., Itoh, T. Millimeter-wave dielectric leaky-wave antennas 85971
Chung-Yi Lee, Itoh, T. Full-wave analysis of a novel branch-line coupler with series junctions between lines 62158
Chung-Yu Wu, Heng-Shou Hsu The design of CMOS continuous-time VHF current and voltage-mode lowpass filters with Q-enhancement circuits 62013
Chung-Yu Wu, Yuh-Kuang Tseng, Kuo-Hsing Cheng High speed BiCMOS domino logic family for low voltage operation 113924
Chung-Yu Wu *see* Chih-Cheng Hsieh 110218
Chung-Yu Wu *see* Ming-Dou Ker 84576
Chung-Yu Wu *see* Ming-Dou Ker 95189
Chung-Yu Wu *see* Ping-Hsing Lu 62014
Chung-Yu Wu *see* Shu-Yuan Chin 93523
Chung-Yuen Won *see* Hack-Seong Kim 102869
Chung-Yuen Won *see* Hong-Je Ryoo 81420
Chunghee Kim, Hyunchul Shin A performance-driven logic emulation system: FPGA network design and performance-driven partitioning 73263
Chunghong Hou *see* Nishioka, K. 115539
Chungmin Chen, Salem, K., Livny, M. The DEC: processing scientific data over the Internet 86365
Chungren Du *see* Du Chungren
Chunguang Lin *see* Lin Chunguang
Chunguang Su *see* Su Chunguang
Chunguang Xu *see* Xiaorong Sun 90701
Chunguang Zhou *see* Zhou Chunguang
Chungyong Lee *see* Jaejin Lee 76763
Chunhe Wang *see* Shenghua Ye 79491
Chunhe Wang *see* Shenghua Ye 92170
Chunhe Wang *see* Shenghua Ye 92294
Chunhe Zhao, Chen, R.T. Fan-out intensity optimization of bidirectional photopolymer hologram-based optical backplane bus 76282
Chunhong Chen *see* Chen Chunhong
Chunhong Wang *see* Wang Chunhong
Chunhua Huang *see* Huang Chunhua
Chunhua Wang *see* Wang Chunhua
Chunhui Zhao *see* Zhao Chunhui
Chunlei Luo *see* Luo Chunlei
Chunlin Liang *see* Lin, W.W. 95190
Chunlin Shao *see* Maosheng Hao 103831
Chunlin Wang *see* Wang Chunlin
Chunming Qiao Analysis of space-time tradeoffs in photonic switching networks 88054
Chunming Yang *see* Yang Chunming
Chunpin Zhang *see* Zhang Chunpin
Chunping Zhang *see* Qian Sun 96642
Chunshan Shi *see* Yong Gao 64921
Chunshan Shi *see* Shi Chunshan
Chunsheng Li *see* Li Chunsheng
Chuntonov, A.V. *see* Chmill, V.B. 120151
Chunwei Yuan *see* Yuan Chunwei
Chunwu Wu, Gunter, D.L., Chin-Tu Chen Fully 3-D reconstruction for SPECT system using parallel-plus collimators 80312
Chunwu Wu, Ordonez, C.E., Chin-Tu Chen FIPI: fast 3-D PET reconstruction by Fourier inversion of rebinned plane integrals 80239
Chunxiang Cui *see* Cui Chunxiang
Chunxiao Sun *see* Yuanzhang Sun 80820
Chunxu Wu *see* Wu Chunxu
Chunyan Zhang, Ruomei Mu, Peida Ye Optical soliton propagation in a positively and negatively dispersion-allocated fiber 119178
Chunyang, Y., Wenbing, W. An investigation of Newton-Kantorovich method for shape imaging of conducting object using near field backscattering data 77186
Chunyang Feng *see* Feng Chunyang
Chunyu Shutai *see* Huang Wenzhong 96202
Chunyu Sutai *see* Wu Deyong 65012
Chunyu Yongmei *see* Feng Guoying 107209
Chuo Huei Chiou Rui *see* Rui Chuo Huei Chiou
Chupeau, B., Salmon, P. Synthesis of intermediate pictures for autostereoscopic multiview displays 67124
Chupikov, A.A. *see* Sverdlov, V.Ya. 95419
Chupp, W. *see* Celata, C.M. 90010
Churakov, D. *see* Belogurov, S. 100855
Churakov, G.V., Ivanov, Yu.L., Ustinov, V.M., Zhukov, A.E., Egorov, A.Yu. Intersubband far-infrared emission and magnetotransport of 2d hole gas in a strong in-plane electric field and transverse magnetic fields 63002
Churakov, K. *see* Gorobets, V.A. 116358
Churakov, V.V. *see* Luppov, V.G. 120085
Churbanov, M. *see* Kamensky, V. 120511
Church, D.A. *see* Pikin, A.I. 90064
Church, M. EDIF version 4 0 0 [PCB CAD] 83584
Church, M., Maury, S. Feasibility study for using the FNAL antiproton source as a low energy $\bar{p}p$ collider 79992
Church, M. *see* Olivieri, D.N. 89694
Church, R.L. Measuring usability against usability goals during the product development cycle 72216
Churchill, J. *see* Ives, D. 100139
Churchill, R.J. *see* Lo, K.P. 79492
Churilo, V.R. *see* Kremen'kova, N.V. 64471
Churilov, V.P. *see* Ruzhentsev, N.V. 80595
Churin, E.G., Bayvel, P., Midwinter, J.E., Hill, A.M. The influence of aperture size and shape on cross-talk level in free-space grating demultiplexers for WDM networks 109656
Churin, E.G., Bayvel, P., Stavdas, A., Midwinter, J.E., Hill, A.M. Optimization of Rowland circle mounts for grating demultiplexers and narrow-band spectrographs 98373
Churin, E.G. *see* Sedukhin, A.G. 65416
Churin, E.G. *see* Timofeev, F.N. 68449
Churin, E.G. *see* Timofeev, F.N. 88058
Churn-Hway Wang *see* Stein, J.L. 121829
Churnside, J.H. *see* Shaw, J.A. 120872
Churoux, P. *see* Scheer, P. 85197
Churyumov, G.I. Physical optimization of energy conversion process in devices of the M-type 74073
Chusseau, L., Alibert, C., Martin, P., Skouri, E.M., Bissessur, H. Response to "Comment on 'Accurate refractive index measurements of doped and undoped InP by a grating coupling technique' " [Appl. Phys. Lett. 69, 1332 (1996)] 100367
Chutatape, O. On the use of Fourier descriptor with neural network for pattern recognition 98141
Chutatape, O., Dawson, B. A thresholding method for blood-aggregate images 70087
Chuthi, N., Darie, S. Current transformer dynamic performances under fault conditions 102804
Chuvashov, N.F. *see* Vasil'ev, M.B. 101458
Chuvashov, N.F. *see* Vasil'ev, M.B. 101459
Chuvashov, V.N. *see* Volokhov, I.V. 89187
Chuvilin, A. *see* Arico, A.S. 121873
Chvatal, P. *see* Ruscak, M. 71087
Chvoj, Z. *see* El-Kader, K.M.A. 94319
Chvykov, V.V. *see* Vlasov, D.V. 100208
Chwa Kyung-Yong *see* Kyung-Yong Chwa
Chwalek, T.J. *see* Ramanujam, P. 66021
Chwan-Hwa Wu *see* Ning Zhang 117698
Chwen-Jye Szea, Hong-Yuan Mark Liao, Kuo-Chin Fan, Ming-Yang Chern, Chen-Kuo Tsao Fractal image coding system based on an adaptive side-coupling quadtree structure 77372
Chyan, J. *see* Kuo, S.M. 93464
Chyan, O., Jin-Jian Chen, Min Liu, Richmond, M.G., Kaiyuan Yang High surface area electrode materials by direct metallization of porous substrates 112298
Chyanbin Hwu *see* Liang, Y.C. 82779
Chyba, T.H. *see* Harvey, G.A. 107688
Chye Huat Aw, Wooley, B.A. A 128×128-pixel standard CMOS image sensor with electronic shutter 79545
Chye Low Thian *see* Low Thian Chye
Chye-Guan Chew *see* Gee-Swee Poo 98593
Chyi, J.-I. *see* Lee, W.C. 61168
Chyi, J.-I. *see* Yuang, R.-H. 89085
Chyi Hwang *see* Jyh-Jia Chen 60958
Chyi Jen-Inn *see* Jen-Inn Chyi
Chyi-Nan Wu, Jin-Fu Chang, Zsehong Tsai Integrated voice and data transmission using TDMA/ALOHA protocol for mobile communication networks 88255
Chyi-Nan Wu, Ywh-Ren Tsai, Jin-Fu Chang A quality-based birth-and-death queueing model for evaluating the performance of an integrated voice/data CDMA cellular system 98416
Chyla, P. *see* Hosny, W. 102857
Chylek, P. *see* Hill, S.C. 85829
Chyn, C., Wu, R.-C., Tsao, T.-P. Torsional fatigue of turbine-generator shafts owing to network faults 121458
Chyuan Chiang-Woei *see* Chiang-Woei Chyuan
Ci Zhao *see* Zhao Ci
Ci-Ling Pan, Chi-Luen Wang A novel tunable dual-wavelength external-cavity laser diode array and its applications 116516
Ci-Ling Pan *see* Chin, A. 83844
Ci-Ling Pan *see* Gong-Ru Lin 94339
Ci-Ling Pan *see* Jia-Min Shieh 96178
Ciaccio, L.Di *see* Di Ciaccio, L.
Ciamberlini, C., Francini, F., Longobardi, G., Sansoni, P., Tiribilli, B. Defect detection in textured materials by optical filtering with structured detectors and self-adaptable masks 67390
Ciampolini, A., Mezzanotte, P., Roselli, L., Sorrentino, R. Efficient implementation of an unstructured-grid FVTD method 116961
Ciampolini, P., Mezzanotte, P., Roselli, L., Sorrentino, R. Efficient simulation of high-speed digital circuits using time adaptive FD-TD technique 113818
Ciampolini, P., Pierantoni, A., Rudan, M. Three-dimensional electro-mechanical simulation of a silicon pressure sensor 69065
Ciampolini, P., Roselli, L. A CAD tool for the analysis of complex-geometry microwave circuits 93066
Ciampolini, P., Roselli, L., Stopponi, G. Integrated FDTD and solid-state device simulation 113695
Ciampolini, P. *see* Matteucci, M. 93060
Ciampolini, P. *see* Vecchi, M.C. 69144
Ciancetta, G. *see* Devernoe, A. 95533
Ciann-Dong Yang, Chi-Ching Yang Analytical solution of three-dimensional realistic true proportional navigation 80738
Cianos, N. Low-cost, high-performance DF and intercept systems 68751
Ciappa, M., Malberti, P. Plastic-strain of aluminium interconnections during pulsed operation of IGBT multichip modules 113719
Ciappa, M., Malberti, P., Birolini, A. Hydrogen passivation of boron accepters and long-term breakdown voltage instability in N$^+$/P surface avalanche diodes 105854
Ciappa, M. *see* Malberti, P. 94805
Ciappa, M. *see* Malberti, P. 94939
Ciarallo, F.W., Yang, C.C., Marefat, M. Displacement errors in active visual inspection 82286
Ciaramella, E. *see* Artiglia, M. 64690
Ciaramella, E. *see* Artiglia, M. 84999
Ciaramella, E. *see* Artiglia, M. 119204
Ciardullo, D.J., Brennan, J.M. The average orbit system upgrade for the Brookhaven AGS 100555
Ciarelli, J.J. *see* Flynn, M.J. 101266
Ciarelli, J.J. *see* Flynn, M.J. 101292
Ciarlo, D. *see* Lee, A.P. 64004
Ciazynski, D., Bertrand, B., Decool, P., Martinez, A., Bottura, L. Results of the European study on conductor joints for ITER coils 91185
Ciazynski, D. *see* Martinez, A. 95563
Cibert, J. *see* Alleysson, P. 75959
Cibert, J. *see* Buss, C. 94563
Cibert, J. *see* Gruen, M. 74206
Cibert, J. *see* Grun, M. 62751
Cibert, J. *see* Likforman, J.-P. 105317
Cibert, J. *see* Merle d'Aubigne, Y. 62800
Cibert, J. *see* Ribayrol, A. 74142
Cicala, G., Capezzuto, P., Bruno, G., Schiavulli, L., Amato, G. Plasma deposition of amorphous SiC:H,F alloys from SiF_4-CH_4-H_2 mixtures under modulated conditions 72883
Cicarelli, L.D. *see* Soares, M.R. 121186
Ciccarino, J. *see* Gilbert, D. 87820
Cicchetti, A. *see* Mascoli, M. 68291
Cicchetti, R., Faraone, A. Transient emission from microstrip interconnects: theoretical formulation and CAD modeling 97193
Cicchetti, R. *see* Bernardi, P. 93685
Cicco, C.De *see* De Cicco, C.
Cicekoglu, O., Kuntman, H.H. Balanced modulator-multiplier with unbalanced emitter coupled pairs 114149
Cichocki, A., Amari, S., Adachi, M., Kasprzak, W. Self-adaptive neural networks for blind separation of sources 117438
Cichocki, A., Kasprzak, W., Skarbek, W. Adaptive learning algorithm for principal component analysis with partial data 108462
Cichon, D.J., Becker, T.C., Dottling, M. Ray optical prediction of outdoor and indoor coverage in urban macro- and micro-cells 109413
Cichon, D.J., Zwick, T., Wiesbeck, W. Ray optical modeling of wireless communications in high-speed railway tunnels 109498
Cicognani, J.W., Gramegna, E., O'Callaghan, P., Pattuelli, E.G. Ceramic interconnects in Europe: the view ahead 60659
Cidon, I., Guerin, R., Khamisy, A., Sivarajan, K.N. Cell versus message level performances in ATM networks 77630
Cidon, I. *see* Gerstel, O. 87508
Cidronali, A. *see* Avitabile, G. 93900
Ciegis, R., Stikoniene, O. Analysis of the numerical stochastic approximation methods for nonstationary linear diffusion problem 113218
Ciegis, R. *see* Buzelis, R. 107439

Cieplak, J.J. *see* Zeitlin, A.D. 70361

Ciesla, A., Matras, A. Energy losses in superconductive DC-electromagnets due to ferromagnetic movement 64574

Ciesla, A., Matras, A. Feeding of the superconductive winding–an experimental and theoretical analysis 76359

Ciesla, A., Matras, A. Analysis of the displacement force on the ferromagnetic matrix in magnetic fields 76362

Ciesla, C.M., Murdin, B.N., Pidgeon, C.R., Stradling, R.A., Phillips, C., Livingstone, M., Galbraith, I., Jaroszynski, D.A., Langerak, C.J.G.M., Tang, P.J.P., Pullin, M.J. Suppression of Auger recombination in arsenic-rich $InAs_{1-x}Sb_x$ strained layer superlattices 105348

Cieslak, W.R. *see* Levy, S.C. 81675

Cieslik, W. *see* Lumpkin, A. 100541

Ciez, M. *see* Gandurska, J. 69348

Cigno, R.L. *see* Marsan, M.A. 117995

Cigola, M. *see* Beccacece, F. 72498

Cigrovski, J. *see* Hajdinjak, M. 68047

Cihar, R. *see* Seidel, P. 95484

Cihlar, D. *see* Bauer, S. 87916

Cilingiroglu, U. *see* Leblebici, Y. 93260

Cilingiroglu, U. *see* Ozdemir, H. 93257

Ciliz, K. *see* Meylani, R. 66905

Cillessen, J.F.M., de Jong, M.J.M., Croize, X. Improved uniformity of multielement thin films prepared by off-axis pulsed laser deposition using a new heater design 113456

Cillessen, J.F.M., Wolf, R.M., Giesbers, J.B., Blom, P.W.M., Grosse-Holz, K.-O., Pastoor, E. Growth, structuring and characterisation of all-oxide thin film devices prepared by pulsed laser deposition 92864

Cillessen, J.F.M. *see* Grosse-Holz, K.-O. 74285

Cillessen, J.F.M. *see* Grosse-Holz, K.-O. 94378

Cillessen, J.F.M. *see* Prins, M.W.J. 75056

Cillessen, J.F.M. *see* Wolf, R.M. 95302

Cilliers, P.J., van der Kouwe, A.J.W. A system for VEP detection and stimulus phase discrimination 70124

Cilliers, P.J. *see* Pretorius, P.H. 110641

Ciloglu, T., Unver, Z. Comments on "Applications of simulated annealing for the design of special digital filters" 66705

Cima Bonini, E. *see* Delfino, B. 101930

Cimalla, V., Pezoldt, J., Ecke, G., Eichhorn, G. The buffer layer in RTCVD of SiC 103988

Cimalla, V. *see* Baumann, U. 105264

Cimet, I.A. *see* Pashtan, A. 119004

Ciminelli, C., Cururachi, S., De Sario, M., Gerardi, C. Secondary ion mass spectrometry and optical characterization of ion exchanged waveguides subjected to thermal annealing 116090

Cimini, L.J., Jr. *see* Daneshrad, B. 109093

Cimini, L.J., Jr. *see* Narayanan, K.R. 109361

Ciminiera, L., Montuschi, P. Carry-save multiplication schemes without final addition 113839

Cimmino, A., Klein, A.G., Opat, G.I. A wide range, conformable, capacitive displacement transducer 70122

Cimolino, M.C. *see* Harvey, G.A. 107688

Cimrova, V., Neher, D. Anomalous electrical characteristics, memory phenomena and microcavity effects in polymeric light-emitting diodes 75757

Cimrova, V., Scherf, U., Neher, D. Microcavity devices based on a ladder-type poly(p-phenylene) emitting blue, green, and red right 96007

Cimrova, V., Schmidt, W., Rulkens, R., Schulze, M., Meyer, W., Neher, D. Efficient blue light emitting devices based on rigid-rod polyelectrolytes 116274

Cinader, G. *see* Raizman, A. 74176

Cinar, A., Negiz, A., Ramanauskas, P., Schlesser, J.E., Armstrong, D.J., Stroup, W. Automated control of high temperature-short time pasteurization systems based on lethality limits 88938

Cinato, P. *see* Masetti, F. 78317

Cincotti, S., Fanni, A., Marchesi, M., Serri, A. An artificial neural network position estimator for a variable reluctance linear actuator 121827

Cincotti, S., Marchesi, M., Serri, A. Neural network modelling of variable hysteretic inductors 73831

Cincotti, S., Parodi, M., Storace, M. Dipole monolayer behaviour in the presence of electrodes 73896

Cindio, F.De *see* De Cindio, F.

Cindro, M. *see* Krizan, P. 69125

Cindro, M. *see* Krizan, P. 69746

Cindro, M. *see* Krizan, P. 100843

Cindro, V. *see* Chochula, P. 110611

Cingolani, R. Optical properties of quantum wires 62917

Cingolani, R., Rinaldi, R., De Vittorio, M., Cola, A., Vasanelli, L., Marti, U., Reinhart, F.K. Current bistability in InGaAs quantum wire p-i-n heterostructures 63031

Cingolani, R., Rinaldi, R., De Vittorio, M., Vasanelli, L., Cola, A., Marti, U., Reinhart, F.K. Charge trapping and current-voltage bistability in InGaAs quantum wires 94505

Cingolani, R. *see* Calcagnile, L. 65345

Cingolani, R. *see* Calcagnile, L. 74378

Cingolani, R. *see* Di Dio, M. 83945

Cingolani, R. *see* Leo, G. 74180

Cingolani, R. *see* Molinari, E. 62916

Cingolani, R. *see* Prete, P. 62828

Cingolani, R. *see* Rinaldi, R. 62941

Cingolani, R. *see* Rossi, F. 62979

Cingoski, V., Kuribayashi, T., Kaneda, K., Yamashita, H. Improved interactive visualization of magnetic flux lines in 3-D space using edge finite elements 65649

Cingoski, V., Namera, A., Kaneda, K., Yamashita, H. Analysis of magneto-thermal coupled problem involving moving eddy-current conductors 65703

Cingoski, V. *see* Yamashita, H. 71250

Cingoski, V. *see* Yamashita, H. 107740

Cinguino, P., Dovio, E., Fornuto, G., Martinez, F., Paputta, C., Pastorino, P., Piccirillo, A., Re, D., Soldani, D., Taiariol, F. InGaAs/InGaAs tensile-strained-barrier MQW structures for optical amplifiers 96430

Cinguino, P. *see* Delpiano, F. 99461

Cinotti, L. *see* Boudraa, A.-E.-O. 110765

Cinotti, L. *see* Gregoire, M.-C. 101324

Cinque, R.B. *see* Vander Plas, H.A. 103421

Cinque, T., Gilleo, K. Implementing SMT with conductive adhesives 92246

Cinque, T. *see* Gilleo, K. 82271

Cinquemani, P.L., Yingli Wen, Kuchta, F.L., Doench, C. Performance of reduced wall EPR insulated medium voltage power cables. I. Electrical characteristics 121164

Cinquemani, P.L. *see* Yingli Wen 121165

Cinquin, P. *see* Bouchard, V. 70065

Ciobanu, R., Balan, T., Temneanu, M. A theoretical approach in reliability estimation of power capacitors working in periodical nonsinusoidal steady state 71614

Ciocci, F. *see* Bulfone, D. 76053

Ciocci, F. *see* Walker, R.P. 96521

Ciocci-Marrocchesi, A. *see* Mours, B. 100821

Ciocci-Marrocchesi, A. *see* Mours, B. 120196

Cioccio, L.Di *see* Di Cioccio, L.

Ciocoiu, I.B. Analog decoding using a gradient-type neural network 86108

Ciocoiu, I.B. Radial basis function networks with FIR/IIR synapses 86268

Ciofa, J.M. *see* Al-Dhahir, N. 66829

Cioffi, J.M. ADSL answers the need for speed 118664

Cioffi, J.M. *see* Al-Dhahir, N. 67499

Cioffi, J.M. *see* Al-Dhahir, N. 88062

Cioffi, J.M. *see* Ho, M. 87982

Cioffi, J.M. *see* Jacobsen, K.S. 78859

Cioffi, J.M. *see* Mourelo, J.T. 78051

Cioffi, J.M. *see* Tellado, J. 87836

Cioffi, J.M. *see* Wesel, R.D. 66214

Cioffi, J.M. *see* Wilson, S.K. 67521

Cioffi, J.M. *see* Zogakis, T.N. 86039

Ciofi, C., De Marinis, M., Neri, B. Ultra low noise, PC-based measurement system for the characterization of the metallizations of integrated circuits 106148

Ciofi, C., De Marinis, M., Neri, B. Wafer level measurement system for SARF characterization of metal lines 115034

Ciofi, C., Di Pascoli, S. Temperature coefficient of resistance fluctuations during electromigration in Al lines 94845

Ciofi, C., Diligenti, A.., Dattilo, V., Gitto, R., Neri, B. Dependence of the electromigration noise on the deposition temperature of the metal 94847

Ciofi, C. *see* Bagnoli, P.E. 94824

Ciofini, M. *see* Stanghini, M. 75815

Cioncolini, S. *see* Bonello, B. 83825

Cioni, R. *see* Bettini, G. 109728

Cioni, R. *see* Buccioni, P. 97197

Cioni, R. *see* Svanberg, S. 101579

Ciontea, L. *see* Boffa, V. 72793

Ciorau, P., Blackney, J., Scott, M. The influence of ultrasonic equipment on amplitude response of linear reflectors 90856

Ciorciolini, S. *see* Leuzzi, G. 93845

Cios, K.J., Goodenday, L.S., Shah, K.K., Serpen, G. A novel algorithm for classification of SPECT images of a human heart 101306

Ciosek, J. Isotropic plane-parallel plate in laser applications: a new approach 107435

Ciota, Z., Napieralski, A., Noullet, J.L. Analogue realisation of integrated FIR filters 114079

Ciotti, P. *see* Pierdicca, N. 90807

Ciplys, D., Paskauskas, J., Rimeika, R. Colinear diffraction of guided optical modes by dispersive surface acoustic waves in Z-cut proton-exchanged $LiNbO_3$ 85163

Cipolla, R. *see* Astrom, K. 67281

Cipolla, R. *see* Cham, T.-J. 67251

Cipolla, R. *see* Gee, A. 77212

Cipolla, R. *see* Gee, A. 86641

Cipolla, R. *see* Kin Choong Yow 87101

Cipolla, R. *see* Kin Choong Yow 117903

Cipolla, R. *see* Lawn, J. 67287

Cipolla, R. *see* Sato, J. 86673

Cipolla, R. *see* Buxton, B. *(editor)* 60353

Cipolla-Ficarra, M., Lamaison, R., Peracaula, J., Rodellar, J. Design of a speed regulator for induction motor drives based on adaptive predictive control algorithm 102683

Cipolla-Ficarra, M., Moreno-Eguilaz, J.M., Peracaula, J. Fuzzy control of an induction motor with compensation of system dead-time 121935

Cipollini, G. *see* Valenza, D. 80992

Cipollini, P., Corsini, G. SeaWiFS and MERIS: a comparison of their performance for the estimation of optically active components in ocean water 120876

Cipra, T. Dynamic credibility with outliers and missing observations 76992

Cipriani, L., Ronchetti, L., Salsano, S. An intelligent broadband network architecture for multimedia multiparty service control 78199

Ciprut, P., Gisin, N. Second order Polarization Mode Dispersion 64674

Cirac, J.I. *see* Zoller, P. 116158

Cirak, J. *see* Barancok, D. 115438

Ciralo, D.R. *see* Lee, S.B. 110087

Cirauqui, C. *see* Hammersley, R.J. 121306

Cirauqui, C. *see* Plys, M.G. 81282

Cirba, G. *see* Escoffier, R. 106016

Circella, M. *see* Barbiellini, G. 69722

Cireasa, R. *see* Alexandrescu, R. 72949

Ciric, I.R., Qin, Y. Self-adaptive selection of the Tikhonov regularization parameter for electromagnetic imaging 107865

Ciric, I.R., Yonghua Liu An adaptive algorithm for electromagnetic imaging 65817

Ciric, I.R. *see* Swatek, D.R. 65783

Ciric, I.R. *see* Yonghua Liu 108418

Cirig-Tregear, T., Demirer, M. Fractal dimension techniques for ultrasound and MR image segmentation 90393

Cirillo, A., Femia, N. Calculation of internally controlled switching instants in switched RLC circuits using interval analysis 113714

Cirillo, A., Femia, N., Spagnuolo, G. An interval mathematics approach to tolerance analysis of switching converters 121676

Cirillo, J. High speed plastic networks (HSPN): a new technology for today's applications 119142

Cirio, L., Dubard, L., Pompei, D. Simulation of a circular polarization microstrip antenna (CPMA) with its phase shifter using the TLM method 66094

Cirio, L., Vasta, R., Dubard, J.L., Pompei, D. Characterization of a circular polarization microstrip antenna using a temporal method 66054

Cirlin, G.E. *see* Guryanov, G.M. 82626

Cirlin, G.E. *see* Guryanov, G.M. 83938

Cirlin Eun-Hee *see* Eun-Hee Cirlin

Cirpan, H.A. *see* Tsatsanis, M.K. 117925

Cirrincione, G., Cirrincione, M., Rizzo, R. Employment of a progressive learning neural network for identification and control: theory and numerical tests 122010

Cirrincione, M., Flaccomio, A., Piglione, F., Vitale, G. An experimental approach to the control of electrical drives by use of a progressive learning neural network 121983

Cirrincione, M. *see* Cirrincione, G. 122010

Cirstea, M.N., Patterson, E.B., Holmes, P.G., Morley, D. A new technique to model and simulate divided winding induction motors 71795

Cirstea, M.N., Patterson, E.B., Morley, D. The development and design of an universal digital control system for cycloconverter drives using electronic design automation (EDA) techniques 102832

Cirstea, M.N., Patterson, E.B., Morley, D., Holmes, P.G. A complete ASIC controlled electric drive system 121953

Cisneros, D. *see* Sholley, M. 88699

Cisteiecan, M., Covrig, M. On the differential dispersion reactance calculus at the three-phase alternative current motors 121438

Cistelecan, M., Demeter, E. Some aspects regarding induction motor design for large scale variable speed drives 121947

Cistelecan, M., Tiba-Ghigea, M. Steady-state analysis of self excited three-phase induction generator 121476

Cistelecan, M. *see* Covrig, M. 81436

Cistelecan, M. *see* Demeter, E. 81435

Cisternino, F. High speed systems 99515

Cisternino, F. *see* Artiglia, M. 119204

Ciszek, M., Campbell, A.M., Ashworth, S.P., Glowacki, B.A. Energy dissipation in high temperature ceramic superconductors 64525

Ciszek, M., Glowacki, B.A., Ashworth, S.P., Campbell, A.M., Liang, W.Y., Fluekiger, R., Gladyshevskii, R.E. AC losses and critical currents in Ag/(Tl,Pb,Bi)–1223 tape 75312

Ciszek, M. *see* Ashworth, S.P. 64507

Ciszek, T.F., Wang, T.H., Burrows, R.W., Bekkedahl, T., Symko, M.I., Webb, J.D. Effect of nitrogen doping on microdefects and minority charge carrier lifetime of high-purity, dislocation-free and multicrystalline silicon 94725

Ciszek, T.F. *see* Menna, P. 72857

Ciszek, T.F. *see* Tsuo, Y.S. 103001

Ciszek, T.F. *see* Wang, T.H. 92774

Ciszek, T.F. *see* Wang, T.H. 103845

Citerne, J. *see* Begassat, Y. 65991

Citerne, J. *see* Begassat, Y. 114284

Citerne, J. *see* Dauguet, S. 93929

Citerne, J. *see* Gillard, R. 93761

Citerne, J. *see* Guillouard, K. 83353

Citerne, J. *see* Guillouard, K. 85940

Citerne, J. *see* Guimard, C. 65939

Citerne, J. *see* Mellah, S. 66107

Citko, T., Sikorski, A. Conditions form predictive vector control of a transistor AC/DC converter of unity power factor 81548

Citrin, D.S. *see* Norris, T.B. 116482

Citrin, W.V., Gross, M.D. PDA-based graphical interchange for field service and repair workers 77524

Citrolo, J. *see* Deis, G. 106719
Citrolo, J.C. *see* Zbasnik, J.P. 106715
Citterio, M., Kierstead, J., Rescia, S., Radeka, V. Radiation effects on Si-JFET devices for front-end electronics 90200
Citterio, M. *see* Ardelean, J. 100916
Ciubotaru, A.A. A precision control circuit for variable-gain amplifiers 104365
Ciucas, A. *see* Spalding, I. 107087
Ciucci, A., Palleschi, V., Rastelli, S., Sarri, F., Barbini, R., Colao, F., Fantoni, R., Palucci, A., Ribezzo, S., Van der Steen, H.J.L., Pintus, N. Laser induced breakdown spectroscopy: a new and powerful technique for pollutants' diagnostics 111302
Ciucci, A. *see* Arca, G. 111305
Ciuchi, S., San Miguel, M. Transient evolution of the field power spectrum during the switch-on of a detuned laser 75779
Ciulli, S., Ispas, S., Pidcock, M.K. Anomalous thresholds and edge singularities in electrical impedance tomography 110844
Ciumbulea, G., Galan, N., Ulici, A. The magnetic field in solid anisotropic media 107705
Ciumbulea, G. *see* Galan, N. 102678
Ciupa, R. *see* Rogalski, A. 64935
Ciupa, R. *see* Rogalski, A. 96000
Ciureanu, M., Yang, Q.M., Ryan, D.H., Strom-Olsen, J.O. Composite hydride electrode materials a theoretical approach 71652
Ciureanu, P., Akyel, C., Britel, M., Gauthier, J., Yelon, A., Rudkowski, P., Rudkowska, G., Strom-Olsen, J.O. Rf and uhf giant magnetoimpedance effects in soft magnetic fibers and wires 115475
Ciureanu, P., Rudkowski, P., Rudkowska, G., Menard, D., Britel, M., Currie, J.F., Strom-Olsen, J.O., Yelon, A. Giant magnetoimpedance effect in soft and ultrasoft magnetic fibers 64287
Ciureanu, P. *see* Lecours, A. 100166
Civanlar, M.R. *see* Aravind, R. 117583
Civardi, C. *see* Cantello, R. 80397
Civardi, L., Gatti, U., Torelli, G. An AHDL-based methodology for computer simulation of switched-capacitor filters 83206
Civelek, M.L. *see* Simsek, A. 114179
Civera, J.S. *see* Chilet, S.S. 61597
Cividjian, A.G. *see* Cividjian, G.A. 107813
Cividjian, G.A., Cividjian, N.G., Cividjian, A.G. The inductance of plunger-type magnet 107813
Cividjian, N.G. *see* Cividjian, G.A. 107813
Civinini, C. *see* Arefiev, A. 69787
Civinini, C. *see* Arefiev, A. 100805
Civit-Balcells, A. *see* Sevillano, J.L. 109121
Cizek, J. *see* Calvin, H. 106718
Claasen, J.H., Skalitzky, R.G., Soulen, R.J., Jr. The NRL Josephson junction monitoring experiment on HTSEE-II 95458
Claasen-Vujcic, T., Borsboom, H.M., Gaykema, H.J.G., Mehlkopf, T. Transverse low-field RF coils in MRI 101224
Claassen, F. *see* Ban, J. 69810
Claassen, M. *see* Guttich, U. 93914
Clabaut, P. *see* Delignon, Y. 111104
Clabunde, D.R.F. *see* Abe, N.M. 107739
Clack, R. *see* Axelsson-Jacobson, C. 80243
Clack, R. *see* Axelsson-Jacobson, C. 90419
Clack, R. *see* Welch, A. 101096
Claes, D. *see* Arena, V. 90171
Claeson, T. *see* Boikov, Yu.A. 64505
Claeson, T. *see* Chen, Y.F. 84911
Claeson, T. *see* Pettersson, J. 74775
Claeson, T. *see* Yi, H.R. 64531
Claesson, I. *see* Dahl, M. 108992
Claesson, I. *see* Nordebo, S. 98602
Claeys, C., Simoen, E., Vanhellemont, J. Process- and irradiation-induced defects in silicon devices 105829
Claeys, C. *see* Lukyanchikova, N. 105963
Claeys, C. *see* Nicolett, A.S. 94981
Claeys, C. *see* Ohyama, H. 105874
Claeys, C. *see* Ohyama, H. 105880
Claeys, C. *see* Rotondaro, A.L.P. 74541
Claeys, C. *see* Rotondaro, A.L.P. 114589
Claeys, C. *see* Simoen, E. 62833
Claeys, C. *see* Simoen, E. 63544
Claeys, C. *see* Simoen, E. 63920
Claeys, C. *see* Simoen, E. 74482
Claeys, C. *see* Simoen, E. 84418
Claeys, C. *see* Simoen, E. 94978
Claeys, C. *see* Simoen, E. 105856
Claeys, C. *see* Simoen, E. 115139
Claeys, C. *see* Vegh, G. 94905
Claeyssen, F., Lhermet, N., Le Letty, R., Bouchilloux, P. Design and construction of a resonant magnetostrictive motor 115877
Claeyssen, F. *see* Zgainski, F.-X. 65635
Claeyssen, F. *see* Zgainski, F.-X. 65638
Claiborne, L.T. *see* Schimert, T.R. 69148
Clair, J.-J. Stereolithography and the biomedical engineering 90605
Clair, J.G.St. *see* St. Clair, J.G.
Clairon, A. *see* Salomon, C. 89521
Claisse, P.R. *see* Lebby, M. 99511
Claisse, P.R. *see* Lebby, M. 116286
Clamou, T. *see* Griffiths, H.D. 68714
Clancy, M.J. *see* Holland, C.K. 90472
Clancy, R. *see* Lovett, S.J. 115193
Clancy, R. *see* Welten, M. 84552
Clancy, R.L., Thompson, C.J., Robar, J.L., Murthy, K., Beuville, E., Moses, W.W. A targeted sparse readout for multi-anode photo-multipliers and optically isolated crystals 100954
Clancy, R.L. *see* Thompson, C.J. 101124
Clanton, C.L. *see* Smolinske, J.C. 109496
Clapeau, M. *see* Blondy, J.M. 64705
Clapp, A.L., Dagenhart, J.B., Landinger, C.C., McAuliffe, J.W., Thue, W.A. Design and application of aerial systems using insulated and covered wire and cable 121195
Clapp, A.L. *see* Landinger, C.C. 121196
Clapton, A.J. *see* Groves, I.S. 99379
Clapworthy, G. *see* Zalik, B. 72222
Clare, J.C. *see* Christopoulos, C. 76494
Clare, J.C. *see* Gokani, S. 122006
Clare, J.C. *see* Pena, R. 71213
Clare, J.C. *see* Pena, R. 121406
Clare, J.C. *see* Pena, R.S. 102589
Clare, J.C. *see* Sunter, S. 121578
Clare, J.C. *see* Wheeler, P.W. 121996
Clarence, I.R. *see* Brotherton, S.D. 84605
Clarisse, C. *see* Fadda, E. 105796
Clark, A., Golic, J.D., Dawson, E. A comparison of fast correlation attacks 66511
Clark, A. *see* Egan, R.J. 75590
Clark, A.E. *see* Cullen, J.R. 75123
Clark, A.E. *see* Cullen, J.R. 115566
Clark, A.E. *see* Restorff, J.B. 115567
Clark, A.E. *see* Teter, J.P. 75122
Clark, A.F. *see* Fleury, M. 77206
Clark, A.J., McKirdy, I., Ritchie, A.G. Lithiated vanadium oxide (LVO) and vanadium dioxide (VO_2) as thermal battery cathode materials 112244
Clark, A.J., White, A.J., Leaney, P.G., Wycherley, A.J. A quality modeling system for predicting the yield of assembly and test processes in the printed circuit assembly industry 73875
Clark, B. *see* Ellenberger, C. 94088
Clark, B. *see* Williams, A.C. 119287
Clark, B.A., Jr. GPS military land navigation and strategy impacts 70610
Clark, C. *see* Yadid-Pecht, O. 100125
Clark, C.J., Moulthrop, A.A., Muha, M.S., Silva, C.P. Transmission response measurements of frequency translating devices 100285
Clark, C.S. *see* Van der Zel, V.M. 70408
Clark, C.T. *see* Gaylord, W.J. 109904
Clark, D. 'Tuning' the BGA process 112897
Clark, D. *see* Peigneux, J.P. 120164
Clark, D. *see* Rocca, J.J. 75819
Clark, D. *see* Shenker, S. 67785
Clark, D. *see* Shenker, S. 98675
Clark, D.A. *see* Pakulski, G. 65192
Clark, D.C. *see* Bolme, G.O. 89706
Clark, D.D. Adding service discrimination to the Internet 67784
Clark, D.P., Goodman, W.D. Signaling challenges in video dial tone networks 98559
Clark, E.A. *see* Stevens, D.W. *(editor)* 82063
Clark, G.A. *see* Schaich, P.C. 100972
Clark, G.F. *see* Mock, P. 72842
Clark, G.S. *see* Bricault, P.G. 79993
Clark, J., Trucco, E. Polarization-based peak detection in laser triangulation range sensors 79549
Clark, J. *see* Udrea, F. 105492
Clark, J.H., Weston, R.G. An inexpensive multi-target carousel for PLD systems 61363
Clark, K. *see* Larsen, E.V. 91088
Clark, M. A enhanced direct-search method for the computer design of holograms; using state variables 96826
Clark, M., Findlay, A., Lukeman, E., Canac, J.-F., Vergez, A. The Brunel/Cable Corporation HomeWorker network trial 68902
Clark, M.C., Gir, S. Annual operation expense for residential water heaters with and without a pollution penalty factor 81999
Clark, M.H. *see* Kumar, N. 89367
Clark, M.M., Raff, L.M., Scott, H.L. Kinetic Monte Carlo studies of early surface morphology in diamond film growth by chemical vapor deposition of methyl radical 113454
Clark, M.P. Using the EM algorithm to increase the number of signals estimable by 2-D parametric techniques 108326
Clark, M.V., Erceg, V., Greenstein, L.J. Reuse efficiency in urban microcellular networks 109476
Clark, N., Prasad, N., Banish, M., Datz, F., Christian, P. Optical information processing system for aiding the diagnosis of pulmonary embolism 120336
Clark, N., Prasad, N.S. Dynamic wavefront sensor system using spatial light modulators 75608
Clark, N. *see* Platt, B.C. 79311
Clark, N. *see* Prasad, N.S. 76121
Clark, P. *see* Enright, R. 85857
Clark, P.J. *see* Barlow, A. 64677
Clark, P.P., Chao, Y.Y., Hines, K.P. Production application of injection molded diffractive elements 76286
Clark, R. *see* Agrawal, A. 86008
Clark, R. *see* Kudva, S.M. 92351
Clark, R. *see* Qian, W. 80222
Clark, R.E. *see* Zelenka, R.E. 90687
Clark, R.G. *see* Davies, A.G. 62908
Clark, R.G. *see* Dunford, R.B. 105287
Clark, R.G. *see* Macks, L.D. 105356
Clark, R.G. *see* Van Bockstal, L. 96980
Clark, R.L., Karpinsky, J.R., Johnson, E.G. Micro-opto-electro machine devices for spatial light modulation 75580
Clark, R.L. *see* Banish, M.R. 80261
Clark, S. *see* Lovberg, J. 111178
Clark, S.A., Wilks, S.P., Kestle, A., Westwood, D.I., Elliott, M. Improvements to the Schottky barrier heights of intimate metal-InGaAs contacts by low temperature metallisation 84206
Clark, S.A. *see* Roura, P. 105168
Clark, S.L., Feliciano, L., Nguyen, N.N., Robertson, R.G. Design for manufacturability: solderless connectors for surface mount system design 114392
Clark, T.D. *see* Diggins, J. 106684
Clark, T.D. *see* Prance, R.J. 106683
Clark, T.D. *see* Ralph, J.F. 113717
Clark, T.E., Visokay, M.R., Nanchang Zhu, Sinclair, R. Growth of α' nitrogen martensite and $Fe_{16}N_2$ films using (001) silicon substrates 113314
Clark, T.H. *see* Petrazzini, B.A. 87546
Clark, T.L. *see* Hannon, S.M. 120613
Clark, T.R. *see* Milchberg, H.M. 107516
Clark, W. *see* Coit, D.W. 73865
Clarke, B. RF/IF processes and circuits for wireless communications 78493
Clarke, B. Maximising battery life in low voltage communication systems 81555
Clarke, B., Hendriks, P., Ruscak, S. Single-supply IF-strip digitises QAM 117128
Clarke, D. Noise-induced bias in decibel determinations 79644
Clarke, D. *see* Young, G. 87980
Clarke, D.E., Perry, R., Arora, K. Characterization of CMOS IC photodiodes using focused laser sources 107024
Clarke, D.R. *see* He, M.Y. 63448
Clarke, D.R. *see* Vojta, A. 104886
Clarke, D.R. *see* Wen, Q. 119593
Clarke, D.W., Fraher, P.M.A. Model-based validation of a DOx sensor 110105
Clarke, D.W. *see* Yang, J.C.-Y. 99965
Clarke, E.M., Khaira, M., Zhao, X. Word level model checking–avoiding the Pentium FDIV error 83173
Clarke, E.M., Kurshan, R.P. Computer-aided verification 73178
Clarke, I.J. Low sidelobes for arbitrary arrays [sonar] 68730
Clarke, I.J. *see* Hughes, D.T. 68738
Clarke, J., Dantsker, E., Kleiner, R., Koelle, D., Miklich, A.H., Ludwig, F. Progress in high-T_c DC SQUIDs 64548
Clarke, J. *see* Ludwig, F. 64554
Clarke, J. *see* TonThat, D.M. 99865
Clarke, J.A. Bunch lengthening thresholds on the Daresbury SRS 89985
Clarke, J.A. *see* Suller, V.P. 79866
Clarke, J.C., Zisserman, A. Detection and tracking of independent motion 108411
Clarke, J.Hughes *see* Hughes Clarke, J.
Clarke, J.R. *see* Badler, N.I. 80164
Clarke, K. *see* Coulson, D. 75466
Clarke, K.C. *see* Henderson, D.B. 80608
Clarke, L. *see* Song Yonghua 111518
Clarke, L.P. *see* Baoyu Zheng 120291
Clarke, L.P. *see* Bensaid, A.M. 67096
Clarke, L.P. *see* Qian, W. 80222
Clarke, L.P. *see* Vaidyanathan, M. 80221
Clarke, L.P. *see* Wei Qian 110726
Clarke, L.P. *see* Wei Qian 120307
Clarke, L.W., Anandalingam, G. An integrated system for designing minimum cost survivable telecommunications networks 118171
Clarke, P. The legal framework for developing cogeneration projects in Spain 91312
Clarke, P. Health and safety on wind farms–the PowerGen approach 102538
Clarke, R. *see* Rapoport, N. 92255
Clarke, R. *see* Zangwill, A. *(editor)* 112703
Clarke, R.C. *see* Brandt, C.D. 104054
Clarke, R.C. *see* Morse, A.W. 83380
Clarke, R.C. *see* Siergiej, R.R. 106040
Clarke, R.C. *see* Sriram, S. 62274
Clarke, R.E. *see* Unewisse, M.H. 69149
Clarke, R.M. *see* Penn, M.J. 79997
Clarke, R.W. *see* Tellez, J.R. 115238
Clarke, S. *see* Calder, B. 80325
Clarke, S.J. *see* Calder, B.R. 68717
Clarke, S.J. *see* Carmichael, D.R. 70507
Clarke, S.J. *see* Carmichael, D.R. 90731
Clarke, S.J. *see* Russell, G.T. 90824
Clarke, W.A., Ferreira, H.C. Coding for low complexity detection of multiple insertion/deletion errors 66324
Clarkson, A., Koch, R., Hanna, D.C. Room-temperature diode-bar-pumped Nd:YAG laser at 946 nm 65153
Clarkson, I. *see* Calvin, H. 106718
Clarkson, I. *see* Deis, G. 106719
Clarkson, I.V.L., Perkins, J.E., Mareels, I.M.Y. Number/theoretic solutions to intercept time problems 68552
Clarkson, P.M. *see* Szi-Wen Chen 120437
Clarkson, W.A., Hanna, D.C. Efficient Nd:YAG laser end pumped by a 20-W diode-laser bar 75896
Clarkson, W.A. *see* Butterworth, S.D. 107220
Clarkson, W.A. *see* Martin, K.I. 65388
Clarkson, W.A. *see* Martin, K.I. 75897

Clarotti, C.A., Spizzichino, F. Predictive Bayes design of Scram systems: related mathematics and philosophical implications 112829
Classen, A. *see* Steffen, B. 78147
Classen, A. *see* Steffen, B. 98607
Clatanoff, T. *see* Markandey, V. 69386
Claude, B. *see* Ludovic, S. 121501
Claude, J. *see* Martin-Neira, M. 111288
Claudepierre, C. *see* Colineau, J. 115795
Claudi, A., Malewski, R., Gulski, E. Digital techniques for quality control and monitoring of HV power apparatus 102811
Claughton, N.R. *see* Leadbeater, M. 105370
Claus, J. *see* Tsoupas, N. 89800
Claus, O. *see* Xiaojun Fang 79476
Claus, R., Fox, J., Linscott, I., Oxoby, G., Ross, W., Sapozhnikov, L., Teytelman, D., Drago, A., Serio, M. Software architecture of the longitudinal feedback system for PEP-II, ALS and DAΦNE 100601
Claus, R. *see* Corredoura, P. 100604
Claus, R. *see* Teytelman, D. 100523
Claus, R.O. *see* Arya, V. 67767
Claus, R.O. *see* Arya, V. 79475
Claus, R.O. *see* Bhatia, V. 79480
Claus, R.O. *see* Bhatia, V. 79486
Claus, R.O. *see* Meller, S. 69215
Claus, R.O. *see* Meller, S. 79482
Claus, R.O. *see* Wang, A. 79473
Claus, R.O. *see* Wang, G.Z. 79474
Claus, R.O. *see* Xiaojun Fang 79477
Claus, R.O. *see* Xiaojun Fang 79488
Claus, R.O. *see* Xiaojun Fang 79490
Claus, R.O. *see* Xiaojun Fang 89132
Claus, R.O. *see* Xiaojun Fang 95688
Clausen, C. *see* Bernards, J.P.C. 106590
Clausen, C.B., Povlsen, J.H., Rottwitt, K. Polarization sensitivity of the nonlinear amplifying loop mirror 116057
Clausen, S., Morgenstjerne, A., Rathmann, O. Measurement of surface temperature and emissivity by a multitemperature method for Fourier-transform infrared spectrometers 119915
Clausen, S. *see* Scheibenbogen, M. 109518
Clausen, T. *see* Taboryski, R. 94564
Clausing, R. *see* Fathi, Z. 65867
Claussen, A. *see* Peitzmann, T. 100814
Claussen, E.D., Constantikes, K.T. Neural network point detection using a coning scan imager 108648
Clausznitzer, R. *see* Errath, R.A. 82034
Claveau, G. *see* Tillerot, F. 88050
Clavel, E., Schanen, J.-L., Roudet, J., Marechal, Y. Influence of an impedance step in interconnection inductance calculation 62450
Clavel, E. *see* Schanen, J.L. 102868
Clavel, E. *see* Zhang, M.T. 121732
Claverie, A. *see* Faye, M.M. 74545
Claverie, A. *see* Faye, M.M. 114881
Claverie, A. *see* Laporte, A. 63202
Clavreul, R., Duchateau, F. Development of polyethylene insulation diagnosis of high voltage cables in France 70914
Clawson, A.R. *see* Leibovitch, M. 114712
Claxton, B. *see* Bindra, R. 90209
Claxton, B. *see* Bindra, R. 100949
Clay, M.N. *see* McKenzie, B.K. 92055
Clay, M.R.J., McEntee, A.J. Advanced meter reading (AMR) tokenless prepayment 102298
Clay, M.R.J., McEntee, A.J. Advanced meter reading tokenless prepayment 111683
Claydon, B. *see* Pearson, R.A. 66081
Clays, K. *see* Wu, M. 116738
Clayton, C. *see* Katsouleas, T. 100571
Clayton, C.E., Marsh, K.A., Joshi, C., Darrow, C.B., Dangor, A.E., Modena, A., Najmudin, Z., Malka, V. A broadband electron spectrometer and electron detectors for laser accelerator experiments 90239
Clayton, C.E., Serafini, L. Generation and transport of ultrashort phase-locked electron bunches to a plasma beatwave accelerator 79845
Clayton, C.E. *see* Katsouleas, T.C. 79848
Clayton, C.E. *see* Modena, A. 79768
Clayton, C.E. *see* Mori, W.B. 89678
Clayton, E. *see* Gordon, D. 89680
Clayton, J. *see* Kovalerchuk, B. 120355
Clayton, K.D. *see* Henderson, C.L. 105798
Clayton, M. Design considerations for multi-processing DSP architectures 93421
Clayton, P., Applebee, A., Pascoe, C. Email surveys: old problems with a new delivery medium 77911
Clayton, R., Calvert, K. Structuring protocols with data streams 77755
Clayton, R. *see* Sargent, E.H. 96376
Clayton, R.E., Mukerji, R. System planning tools for the competitive market 90988
Cleary, J.G., Jya-Jang Tsai Conservative parallel simulation of ATM networks 78019
Cleary, J.G. *see* Teahan, W.J. 86141
Cleary, M.E., Crisman, J.D. Canonical targets for mobile robot control by deictic visual servoing 86776
Cleasby, C.V. *see* Ashkenazi, V. 79079
Cleaver, A. Tomorrow's engineer meeting the needs of tomorrow's company 103365
Cleaver, J.R.A. *see* Allam, J. 107021
Cleaver, J.R.A. *see* Hoyle, P.C. 61376
Cleaver, J.R.A. *see* Ogawa, K. 103403
Cledat, P. *see* Silva, F. 72923
Cleemput, M.Van *see* Van Cleemput, M.
Cleetus, G.M., Ravind, S. Computer control of a multifunction array radar system 70605
Clegg, A.S. Nam et ipsa scientia potestas est. Knowledge itself is power "but what do we do with all this data?" [battery monitoring] 81655
Clegg, B.T., Wingrove, S.J., Boardman, J.T. Improving process management performance using systemic methods and tools 60504
Clegg, D. *see* Sharma, R. 99044
Clegg, J., Marvin, A.C., Angus, J.A.S., Dawson, J.F. Method for increasing the mode density in a reverberant screened room 85899
Clegg, T.B. *see* Derenchuk, V.P. 120091
Clegg, T.B. *see* Mendez, A.J. 120090
Clegg, T.B. *see* Roper, C.D. 119993
Clegg, W.W. *see* Fogarty, K.J. 84802
Clegg, W.W. *see* Liu, B. 106613
Clegg, W.W. *see* Liu, B. 106614
Clehon, D.J. *see* Wiesbeck, W. 103531
Clei, A. *see* Achouche, M. 84488
Clei, A. *see* Achouche, M. 88548
Clei, A. *see* Berthelemot, C. 107026
Clei, A. *see* Berthelemot, C. 116280
Clei, A. *see* Palla, R. 106075
Clejan, I., Dunham, S.T. A reduced moment-based model for precipitation kinetics and application to dopant activation in silicon 63253
Cleland, J., Rillero, P., Zambo, R., Wetzel, K., Buss, R. Project SIMULATE: teaching preservice and inservice teachers the use of computer simulations 98866
Clelland, I.W., Price, R.A. Surface-mount multilayer polymer film capacitors withstand IR reflow, work at 100 V 83555
Clelland, I.W., Price, R.A. Improvements in high temperature polymer films in MLP capacitors including a new bibenzoate copolymer film evaluation 93964
Clem, P.G., Xu, Z., Payne, D.A. Epitaxy and monolayer patterning of solution-derived $LiNbO_3$ thin layers 92765
Clem, P.G. *see* Jeon, N.L. 74509
Clemen, L.L. *see* Kimoto, T. 104049
Clemen, L.L. *see* Mac Millan, M.F. 105434
Clemens, B.M. *see* Johnson, P.R. 115627
Clemens, B.M. *see* Wang, C.-T. 115557
Clemens, G. *see* Kupka, W. 104719
Clemens, M. *see* van Rienen, U. 70953
Clemens, M. *see* van Rienen, U. 102224
Clemens, W. *see* van den Berg, H.A.M. 115874
Clement, D. *see* Croisy, P. 118536
Clement, H. *see* Calen, H. 120194
Clement, H.G. *see* Grechenig, W. 80200
Clement, J.J. *see* Frankovic, R. 63419
Clement, J.J. *see* Lloyd, J.R. 115020
Clement, M., de Nijs, J.M.M., Balk, P., Schut, H., van Veen, A. Analysis of positron beam data by the combined use of the shape-and wing-parameters 84018
Clement, M. *see* Cazal, A. 109738
Clement, T.S., Rodriguez, G., Carrig, T.J., Taylor, A.J. Scaling issues in terahertz generation 62280
Clement, W.I. *see* Doney, G.D. 111746
Clemente, A., Panero, S., Spila, E., Scrosati, B. Solid-state, polymer-based, redox capacitors 114342
Clemente, P., Crevier, R., Runstadl, P. Going from RTL synthesis to behavioural synthesis 83008
Clemente, S. A simple tool for interactive design of inverters 91612
Clemente, S. A simple tool for interactive design of inverters 91643
Clementi, C. *see* Ghidini, G. 63875
Clementi, J.J., Dearing, G.O., Bergeron, C. Assembly and reliability of very large flip-chip on CQFP 60640
Clementi, J.J., Dearing, G.O., Zimmerman, J.A., Bergeron, C. Converting to no-clean for flip chip assembly 83658
Clements, B.R. *see* Schormans, J.A. 77581
Clements, K.A. *see* Slutsker, I.W. 101933
Clements, M. *see* Bilbro, G.L. 110760
Clements, M. *see* Moyer, G.C. 104646
Clemes, P. *see* Chan, C.L. 108548
Clemminck, I. *see* Van Camp, R. 115355
Clendenin, J. *see* Mulhollan, G. 90109
Clendenin, J. *see* Saez, P. 90076
Clendenin, J.E. Polarized electron sources 90074
Clendenin, J.E. *see* Tang, H. 90106
Clendenin, J.E. *see* Tang, H. 120118
Clendening, C. COIL performance model 107055
Clendening, S., Harris, C., Farinholt, A. SONET network evolution toward ATM in the USA 99480
Clenet, F. *see* Peignon, M.C. 63280
Clerc, H.G. *see* Schmidt, K.H. 69627
Clercq, K.De *see* De Clercq, K.
Clergue, E., Vieville, T. Dense reconstruction methods for active vision 98066
Clerici, A., Longhi, A., Tellini, B. Long distance transmission: The DC challenge 80998
Clerix, A. *see* Bellens, R. 106186
Clerix, A. *see* Kol'dyaev, V. 84448
Clerjaud, B. *see* Svob, L. 74164
Clerke, W. *see* Mukherjee, B. 120564
Cleroux, M. *see* Pakulski, G. 65192
Clesca, B. How optical fiber amplifiers revolutionize lightwave telecommunications 75861
Clesca, B., Gauchard, S., Lantoine, E., Rodrigues, V., Giraud, F., Lesterlin, D. 3.2 nm wavelength tuning via temperature control for integrated electroabsorption modulator/DFB laser with high tolerance to chromatic dispersion 68377
Clesca, B. *see* Penninckx, D. 68501
Clesca, B. *see* Penninckx, D. 78714
Clesca, B. *see* Penninckx, D. 88512
Clesca, B. *see* Rodrigues, V. 68371
Cleton, F., Sieber, B., Masut, R.A., Isnard, L., Bonard, J.M., Ganiere, J.D. Photon recycling as the dominant process of luminescence generation in an electron beam excited n-InP epilayer grown on an n^+-InP substrate 62807
Cleva, F. *see* Barillet, R. 75901
Cleveland, B.T. *see* Elliott, S.R. 80104
Cleveland, E.K. *see* Sah, R. 80473
Cleveland, F. *see* Cauley, G. 91076
Clevenger, L.A., Roy, R.A., Cabral, C., Jr., Saenger, K.L., Brauer, S., Morales, G., Ludwig, K.F., Jr., Gifford, G., Bucchignano, J., Jordan-Sweet, J., DeHaven, P., Stephenson, G.B. A comparison of C54-$TiSi_2$ formation in blanket and submicron gate structures using in situ X-ray diffraction during rapid thermal annealing 74635
Clever, M., Rauh, M. Digital radio technologies: pacemaker towards global personal and mobile communication 118949
Cleynenbreugel, J.Van *see* Van Cleynenbreugel, J.
Click, S. *see* Czanderna, A.W. 112353
Cliff, R. *see* Reddy, S. 113855
Clifford, H.B.J. *see* Satchell, S. 87655
Clifft, B.E. *see* Bogaty, J.M. 100589
Clift, S. *see* Steyn-Ross, D.A. 120727
Clifton, J.C. *see* Ingram, S.G. 73788
Clifton, Y. *see* Tepley, N. 110674
Clilverd, M.A. *see* Lev-Tov, S.J. 107893
Climenson, W.D. *see* Strat, T.M. 67484
Climent, V. *see* Tajahuerce, E. 108646
Clin, R. *see* Ducos, L. 64704
Cline, D. *see* Kwok, P. 89918
Cline, D.B. Overview of $\mu^+\mu^-$ collider options 89697
Cline, D.B., Garren, A., Green, M., Kolonko, J., Madura, D. A compact-high performance NLC damping ring using high magnetic field bending magnets 79955
Cline, D.B. *see* Bogacz, S.A. 79851
Cline, D.B. *see* Bogacz, S.A. 89683
Cline, D.B. *see* Bogacz, S.A. 89902
Cline, D.B. *see* Garren, A.A. 79910
Cline, D.B. *see* MacDonald, L.R. 80258
Cline, D.W., Gray, P.R. A power optimized 13-b 5 Msamples/s pipelined analog-to-digital converter in 1.2 μm CMOS 61973
Cline, J. *see* Lindsay, G. 85595
Cline, J.P. *see* Shull, R.D. 75106
Clinthorne, N.H., Rogers, W.L., Zhong He, Wehe, D.K. Time-coded apertures for imaging in high-background environments 101210
Clinthorne, N.H., Wrobel, M.C., Ng, C., Rogers, W.L. Estimation of aperture response functions from measurements using a non-ideal detector 101100
Clinthorne, N.H. *see* Fessler, J.A. 90424
Clinthorne, N.H. *see* Wrobel, M.C. 101007
Clinton, K. *see* Gould, S. 113853
Clippingdale, A. *see* Prance, R.J. 106683
Clivaz, P.A. *see* Bouvet, D. 63170
Clivaz, P.A. *see* Bouvet, D. 63291
Clock, H.-W. *see* Krietenstein, B. 89661
Clodius, D., Kulicke, B., Povh, D., Rittiger, J. Regulation concept for a multiterminal high-voltage DC transmission 70848
Clodius, D. *see* Povh, D. 111492
Clodius, D. *see* Rittiger, J. 81001
Cloete, J.H. *see* Le Roux, D.B. 116862
Cloete, J.H. *see* Raab, R.E. 116807
Cloete, J.H. *see* Scholtz, C. 117007
Cloete, J.H. *see* Smith, A.G. 119856
Cloete, J.H. *see* Theron, I.P. 85842
Cloete, J.H. *see* Theron, I.P. 93668
Cloete, J.H. *see* Theron, I.P. 116814
Cloete, J.H. *see* Van Tonder, J.J. 117008
Cloitre, T., Aigouy, L., Gil, B., Briot, O., Briot, N., Alexis, J.P., Aulombard, R.L. Optimization and optical studies of ZnCdSe-ZnSe heterostructures grown by MOVPE 72772
Cloitre, T., Bigenwald, P., Gil, B., Briot, O., Briot, N., Aulombard, R.L. Optical characterization of MOVPE-grown ZnS-ZnSe short period superlattices 72773
Cloitre, T. *see* Abounadi, A. 114769
Cloitre, T. *see* Chergui, A. 76126
Cloitre, T. *see* Konczewicz, L. 74174
Clonts, L.G. *see* Britton, C.L., Jr. 110617
Cloonan, T.J., Richards, G.W., Lentine, A.L. Optical implementation of a parallel, out-of-band controller for large, broadband ATM switch applications 99027
Cloonan, T.J. *see* Lentine, A.L. 99018
Clopton, B.M. *see* Jolly, C.N. 101430
Closs, J. Storage of spent nuclear fuel at Northern States Power Company 81244
Clot, P., Zeberli, J.-F. MCM-L packaging: technology for die and SMD components under the same overcoating 112959
Cloth, P. *see* Albers, D. 69756
Clothiaux, E.E. *see* Bachmann, C.M. 111185
Clothiaux, E.E. *see* Bachmann, C.M. 111338

Clothiaux, E.E. *see* Danne, O. 90764
Clothier, A.C. *see* Mecrow, B.C. 91875
Cloud, M.J. *see* Rothwell, E.J. 119273
Cloude, S.R., Pottier, E. Matrix difference operators as classifiers in polarimetric radar imaging 68582
Clough, S., Bickerton, J.C., Brightwell, J.W., Ray, B., Viney, I.V.F. Enhancement of fluorescence and related spectra in Ca$_{1-x}$Sr$_x$S with cadmium incorporation 74300
Clough, S.P. *see* Childs, K.D. 112984
Cloughley, S. *see* Hodgkinson, L. 116064
Cloughley, S. *see* Hodgkinson, L. 116183
Clouse, R. *see* Merenda, J.L. 68166
Clouthier, R.S. Improving screen printing yields [stencil cleaning] 104950
Cloutier, C. *see* Srivastava, S.K. 120726
Cloutier, G., Zhao Qin, Durand, L.-G., Beng Ghee Teh Power Doppler ultrasound evaluation of the shear rate and shear stress dependences of red blood cell aggregation 69948
Cloutier, J., Cosatto, E., Pigeon, S., Boyer, F.R., Simard, P.Y. VIP: an FPGA-based processor for image processing and neural networks 61963
Cloutier, J.R. *see* Rodriguez, A.A. 90913
Clow, L.P. *see* Castracane, J. 119707
Clubb, I. Number portability: making it work [telephone numbers] 108988
Cluff, J. *see* Balachandran, U. 91234
Cluff, J.A. *see* Goretta, K.C. 115908
Cluitmans, P. *see* Gade, J. 110853
Cluitmans, P.J.M. *see* Cerutti, S. 110852
Cluzeau, S., Le Tourneur, P. Neutron beam characterization of the stationary DIANE 110498
Cluzel, J. *see* Marion, D. 69310
Clynch, J.R. *see* Bachmann, E.R. 88790
Clyne, L. Internet protocol standards in the NHS 67591
Cmolik, B.L. *see* Rovner, A.L. 80413
Cnosses, G. *see* Verhulst, A.G.H. 89259
Coady, M. *see* Roth, B. 69006
Coakley, F.P. *see* Qi, R. 117298
Coan, D.J. *see* Furneaux, P.W. 71002
Coatanea, P., Hamchaoui, I. Private virtual networks on ATM 87583
Coates, D. Putting core competency thinking into practice 72162
Coates, D. *see* Lackner, A.M. 106878
Coates, D.J., Manning, P.T. Incorporating reactive power into power system reliability analysis 101740
Coates, D.K., Fox, C.L., Nechev, K.S., Lipka, S.M. Silver-metal hydride battery system optimisation 112208
Coates, D.K., Grindstaff, B., Swaim, O., Fox, C.L. Advanced dependent pressure vessel (DPV) nickel-hydrogen spacecraft battery design 112206
Coates, D.K., Grindstaff, B.K., Hoofnagle, P.S., Chiappetti, D.P. Advanced catalytic electrode development for nickel-hydrogen batteries 111062
Coates, D.K. *see* Lipka, S.M. 71670
Coates, D.M. *see* Davis, H.A. 119971
Coates, M. *see* Harbridge, A. 121216
Coates, P.D. *see* Fiddes, A.J.C. 74280
Coates, R.F.W., Ming Zheng, Liansheng Wang "BASS 300 PARACOM": a "model" underwater parametric communication system 68539
Coatrieux, J.-L. *see* Wendling, F. 110843
Coatrieux, J.L., Mao, F., Puentes, J., Collorec, R. Modeling and computer vision in image sequences [X-ray angiocardiography application] 120314
Coats, R.S. *see* Mehlhorn, T.A. 69637
Coban, A.L., Allen, P.E. A new fourth-order single-loop delta-sigma modulator for audio applications 114017
Cobas-Flores, E., Hendrickson, C.T., Lave, L.B., McMichael, F.C. Life cycle analysis of batteries using economic input-output analysis 81731
Cobb, D.A., Edwards, T.C. Climate control system for electric vehicles 71872
Cobb, H.S. *see* Cohen, C.E. 70392
Cobb, H.S. *see* Cohen, C.E. 79077
Cobb, J. Control in the field with HART(R) communications 109076
Cobb, J. *see* Donnelly, C. 79104
Cobb, J.A., Gouda, M.G. Group routing without group routing tables 87415
Cobb, J.H. A method for the detection of neutrino oscillations in a long-baseline experiment using energy measurements of ν_μ charged current events 69814
Cobb, K. *see* Bell, P. 67964
Cobb, R.G., Liebst, B.S. Sensor location prioritization and structural damage localization using minimal sensor information 99937
Cobb, S. Security issues in Internet commerce 109148
Cobb, S. Establishing firewall policy 109149
Cobbold, R.S.C. *see* Bascom, P.A.J. 70041
Cobden, D.H. *see* Filling, G. 105291
Cober, S.G., Tremblay, A., Isaac, G.A. Comparisons of SSM/I liquid water paths with aircraft measurements 90803
Cobianu, C. *see* Klootwijk, J.H. 83816
Cobianu, C. *see* Popa, O. 113549
Coblentz, D.L. *see* Ketelsen, L.J.P. 109608
Cobley, R.A. Approaches to on-chip testing of mixed signal macros in ASICs 73569
Cobo, A. *see* Morante, M. 89138
Cobos, J.A. *see* Asensi, R. 61614
Cobos, J.A. *see* Canalli, V.M. 121712
Cobos, J.A. *see* Garcia, O. 121624
Cobos, J.a. *see* Prieto, R. 61612
Cobos, J.A. *see* Prieto, R. 121691
Cobos, J.A. *see* Simonetti, D. 121781
Cobos, J.A. *see* Uceda, J. 93130
Cobra, D.T. A generalization of the method of quadratic hyperbolization of image histograms 77540
Coburn, J.B. *see* Towe, B.C. 79581
Coccettini, A. *see* Maltese, P. 75614
Cocchini, F., Ferri, G., Mazzotti, A. Microbending sensitivity of optical fibres 69223
Coccia, L.G., Tyrrell, G.C., Kilner, J.A., Waller, D., Chater, R.J., Boyd, I.W. Pulsed laser deposition of novel materials for thin film solid oxide fuel cell applications: Ce$_{0.9}$Gd$_{0.1}$O$_{1.95}$, La$_{0.7}$Sr$_{0.3}$CoO$_y$ and La$_{0.7}$Sr$_{0.3}$Co$_{0.2}$Fe$_{0.8}$O$_y$ 92868
Coccia, L.G. *see* Tyrrell, G.C. 92866
Coccioli, R., Fallai, M., Pelosi, G., D'Elia, U., Lomaglio, F. A finite element analysis of a radiating slot in guiding structures 97274
Coccioli, R., Lombardi, G., Pelosi, G., Manara, G. A finite element-boundary integral analysis of electromagnetic scattering by a buried dielectric object 97080
Coccioli, R., Pelosi, G., Ravanelli, R. Combined mode matching-integral equation technique for feeders optimization 97395
Coccioli, R., Pelosi, G., Silvester, P.P. Finite element package for inhomogeneous H- and E-plane junctions 97256
Coccioli, R., Silvester, P.P. Shape sensitivity of metal detectors 110106
Coccioli, R. *see* Silvester, P.P. 99938
Coccioli, R. *see* Silvester, P.P. 99939
Cocciooli, R. *see* Pelosi, G. 65800
Cocco, A.G. *see* Di Capua, E. 110598
Coccorese, E. *see* Mondino, P.-L. 64567
Coccorese, E. *see* Morabito, F.C. 65632
Coccorese, E. *see* Morabito, F.C. 65660
Coceva, C., Brusegan, A., van der Vorst, C. Gamma intensity standard from thermal neutron capture in ^{35}Cl 120176
Cocherel, J. *see* Friaud, M. 81606
Cochet, F. *see* Gisin, B. 64660
Cochran, A. *see* Carr, C. 92996
Cochran, F. *see* Nolting, E. 69899
Cochran, J.K. *see* Jones, R.D. 73994
Cochran, S.D. Adaptive vergence for the stereo matching of oblique imagery 77166
Cochran, S.D. *see* McKeown, D.M. 70551
Cochrane, J. *see* Hall, R. 84984
Cochrane, J.C. *see* Bowers, R.L. 81600
Cochrane, R.W. *see* Cai, M. 75202
Cociglio, M., Ferrero, F., Concina, M., Forcina, A. Testing methodology and performance evaluation of the ATM pilot network in Italy 98966
Cocito, M. Systems for multi-wavelength networks 99516
Cockayne, B. *see* Bagnall, D.M. 75961
Cockayne, B. *see* Trager-Cowan, C. 75953
Cockayne, D.J.H. *see* Kim, Y. 114737
Cockayne, D.J.H. *see* Leon, R. 105384
Cockayne, D.J.H. *see* Tan, H.H. 105245
Cockburn, A., Jones, S. Which way now? Analysing and easing inadequacies in WWW navigation 87668
Cockburn, A. *see* Hopkinson, D.A. 65222
Cockburn, B., Gremaud, P.-A. A priori error estimates for numerical methods for scalar conservation laws. I. The general approach 60918
Cockburn, B., Gremaud, P.-A. Error estimates for finite element methods for scalar conservation laws 61106
Cockburn, J.W., Buckle, P.D., Skolnick, M.S., Birkett, M.J., Teissier, R., Smith, G.W. Cross-barrier recombination in a GaAs/AlGaAs double-barrier resonant tunneling structure 74395
Cockburn, J.W. *see* Finley, J.J. 105254
Cockburn, J.W. *see* Finley, J.J. 105281
Cockburn, J.W. *see* Kowalski, O.P. 63060
Cockburn, J.W. *see* Teissier, R.J. 62854
Cocker, R.P. *see* Challis, R.E. 92983
Cockerill, D. *see* Peigneux, J.P. 120164
Cockerill, T.J. *see* Bathey, K. 60612
Cockrell, C.R. *see* Deshpande, M.D. 116857
Cockrell, C.R. *see* Reddy, C.J. 108057
Cockrell, C.R. *see* Reddy, C.J. 117028
Cockroft, N.J. *see* Czuchlewski, S.J. 111194
Cockrum, C.A. HgCdTe material properties and their influence on IR FPA performance 100112
Cockrum, C.A. *see* De Lyon, T.J. 72830
Cockrum, C.A. *see* Wu, O.K. 100113
Cocks, J.F.C. *see* Lhersonneau, G. 80145
Coco, M. *see* Cavallaro, C. 103092
Coco, S. *see* Aiello, G. 65657
Coco, S. *see* Aiello, G. 96893
Coco, S. *see* Aiello, G. 107712
Coco, S. *see* Aiello, G. 107761
Coco, S. *see* Alfonzetti, S. 64390
Cocorullo, G., Della Corte, F., Hartnagel, H.L., Schweeger, G. Ion-implanted normally-off GaAs bipolar-mode FET (BMFET) for application in a wide temperature range 63611
Cocorullo, G., Iodice, M., Rendina, I., Sarro, P.M. All-silicon thermo-optic micro-modulator 88547
Cocorullo, G. *see* Bellone, S. 84462
Cocorullo, G. *see* Cappuccino, G. 109744
Cocorullo, G. *see* Cappuccino, G. 119307
Cocquempot, V. *see* Cassar, J.P. 76948
Cocurullo, G., Della Corte, F.G., Rendina, I., Rubino, A., Terzini, E. Thermo-optical modulation at λ=1.5 μm in an α-SiC-α-Si-α-SiC planar guided-wave structure 75553
Coda, H.B., Venturini, W.S. A simple comparison between two 3D time domain elastodynamic boundary element formulations 61102
Coda, R. *see* Radford, W. 100114
Code, S. *see* Liu, Z.-Q. 87042
Codenie, J., Van Parys, H., Vandewege, J. A monolithic temperature-compensated 160 MHz current controlled oscillator 93171
Codenie, J. *see* Coppoolse, R. 93142
Codenotti, B. *see* Bar-On, I. 61011
Coderre, J.A. *see* Dilmanian, F.A. 90434
Codino, A., Lanfranchi, M., Miozza, M. A charge preamplifier with a large dynamic range for the detection of ultra heavy nuclides in space experiments 69860
Codino, A. *see* Barbiellini, G. 69722
Codutti, A. *see* Walker, R.P. 100451
Cody, N. *see* Martinez, M.J. 83374
Coe, D.J., White, R.G. Experimental moving target detection results from a three-beam airborne SAR 68636
Coe, M.A. *see* O'Neill, A. 118308
Coelho, C.N., Jr., De Micheli, G. Analysis and synthesis of concurrent digital circuits using control-flow expressions 93217
Coelho, C.N., Jr. *see* Mooney, V.J., III 113674
Coelho, E.A.A. *see* de Paiva, E.P. 61608
Coelho, E.A.A. *see* Oliveira, J.C. 71452
Coelho, E.A.A. *see* Oliveira, R.C. 113779
Coelho, E.A.A. *see* Pereira, A.A. 71439
Coelho, E.A.A. *see* Pereira, A.A. 121657
Coelho, E.A.A. *see* Vilela, M.S. 71430
Coelho, E.A.A. *see* Vilela, M.S. 71431
Coelho, E.A.A. *see* Vilela, M.S. 113738
Coelho, E.A.Alves *see* Alves Coelho, E.A.
Coelho, J., Leite da Silva, A.M. Expansion planning of generation systems under uncertainties 102344
Coelho, P. *see* Afgan, N. 111760
Coelho, R. *see* El-Henaoui, S. 87355
Coello-Vera, A., Albo, L., Pipard, P., Masgrangeas, M. High power 3D MCM-V modules 114487
Coemans, J., Maun, J.-C. Using the EMTP and the Omicron to design a transients based digital ground-fault relay for isolated or compensated networks 111667
Coemans, J. *see* Maun, J.-C. 102322
Coen, G., De Zutter, D., Fache, N. Automatic derivation of equivalent circuits for general microstrip interconnection discontinuities 93655
Coetzee, D., Booysen, R. A flat panel (brickwall) antenna for rural telecommunication links 117034
Coetzee, D.J., Baker, D.E. A compact, light weight, extended bandwidth 20 to 1000 MHz coplanar log periodic dipole array antenna 117100
Coetzee, G. *see* Kwan, M. 121266
Coetzee, J.C., Joubert, J. Full-wave characterization of the crosstalk reduction effect of an additional grounded track introduced between two printed circuit tracks 83577
Coetzee, J.C., Malherbe, J.A.G. A wideband semi re-entrant microstrip coupler 114206
Coetzee, J.C., Nieuwoudt, M.M. The design of single-section and wideband symmetrical three-line microstrip couplers 114235
Coetzee, R.P. The effective management of electricity sales and supply to domestic consumers in developing countries 81176
Coeurjolly, C. *see* Perrier, P.A. 78855
Coey, J.M.D. *see* Chen, D.-X. 84791
Coey, J.M.D. *see* Wirth, S. 115556
Cofer, J.I., IV Advances in steam path technology 91341
Cofer, R.H., Brown, H.K., Abdallah, S. Impact of parallel computing on fractal image compression 67464
Cofer, R.H., Sanders, T.J., Means, D.P. System level optimization through the use of statistical simulation 103399
Coffa, S., Franco, G., Camalleri, C.M., Giraffa, A. Kinetics and thermodynamics constraints in Pt gettering by P diffusion in Si 84087
Coffa, S., Franzo, G., Priolo, F. High efficiency and fast modulation of Er-doped light emitting Si diodes 116250
Coffa, S., Magri, A., Frisina, F., Privitera, V. Power bipolar transistors with a fast recovery integrated diode 63585
Coffa, S. *see* Cacciato, A. 114883
Coffa, S. *see* Kyllesbech Larsen, K. 94659
Coffa, S. *see* Priolo, F. 114898
Coffa, S. *see* Privitera, V. 74531
Coffa, S. *see* Valdinoci, M. 84299
Coffel, J.F. *see* Peterson, M.T. 70362
Coffer, J.L. *see* Libing Zhang 63283
Coffey, B.M. *see* Killian, J.G. 112290
Coffey, C.W., II *see* Duggan, D.M. 80439
Coffey, G.A. *see* DeFotis, G.C. 64242
Coffey, J.T. *see* Yi Hsuan 66448
Coffey, K.R. *see* Barmak, K. 64294
Coffey, K.R. *see* Borchers, J.A. 64356
Coffield, P. *see* Mellott, J.D. 114008
Coffield, P.C. Parallel algebraic logic (PAL): a dual use technology 80327
Coffin, F. *see* Lemarchand, C. 98134
Coffin, J.T. Plated nickel corrosion kinetics 60623
Coffin, P. *see* Paye, J. 85561

Cofield, J. A new standard for PCB/MCM data exchange 94000
Cofield, J., Goyal, R. Design kit methodology for speedy and first time correct MCM designs 83672
Cofield, R.E. *see* Fishbein, E.F. 120780
Cofield, R.E. *see* Froidevaux, L. 120781
Cofield, R.E. *see* Jarnot, R.F. 120779
Cofrancesco, P. *see* Villa, M. 79282
Cogan, A.I., Sooknanan, K., Bancroft, D., Ressler, E., Max, L.B. Wide dynamic range amplifiers for HF and VHF digital receivers 73131
Cogan, A.I., Sooknanan, K., Max, L.B. Ultralinear HF and VHF power amplifiers using SSTs and SLAMs 73744
Cogan, A.I. *see* Sooknanan, K. 93139
Cogan, D.De *see* De Cogan, D.
Cogan, S. *see* Lallement, G. 92636
Coghill, P., Bassett, I.M., Wong, D., Poole, S.B. A passive high sensitivity magnetic field sensor based on metallic glass wire 100075
Cogneti, C. The evolution of packaging for semiconductor devices 82268
Cognetti, C. Turning silicon upside down [flip chip technology] 83650
Cognetti, C. The flip-chip–ready for mass production? 112900
Cognolato, L. Chemical vapour deposition for optical fibre technology 95667
Cogo, B. *see* Michel, D. 66131
Cogo, J.R., De Sa, J.S., Da Silva, V.F. Performance simulation of DC machines control system in view of unbalances in AC networks 111993
Cohen, A. *see* Lann, A.F. 116456
Cohen, B.L., DeBiase, J. Fabrication through assembly [PCB manufacture] 94047
Cohen, C. *see* Lawrence, D. 68772
Cohen, C. *see* Papadopoulos, K. 106298
Cohen, C.E., Cobb, H.S., Lawrence, D.G., Pervan, B.S., Powell, J.D., Parkinson, B.W., Aubrey, G.J., Loewe, W., Ormiston, D., McNally, B.D., Kaufmann, D.N., Wullschleger, V., Swider, R. Autolanding a 737 using GPS and integrity beacons 70392
Cohen, C.E., Pervan, B.S., Cobb, H.S., Lawrence, D.G., Powell, J.D., Parkinson, B.W. Achieving required navigation performance using GNSS for Category III Precision Landing 79077
Cohen, C.E. *see* Pervan, B.S. 70404
Cohen, C.E. *see* Pervan, B.S. 79058
Cohen, D. *see* Cong, L. 82611
Cohen, D.A., Heimbuch, M.E., Coldren, L.A. Reduced temperature sensitivity of the wavelength of a diode laser in a stress-engineered hydrostatic package 85500
Cohen, D.D. *see* Persson, L. 105730
Cohen, D.D. *see* Persson, L. 114987
Cohen, D.D. *see* Walker, S.R. 94232
Cohen, E., Hui-Ling Lou Multi-rate detection for the IS-95 CDMA forward traffic channels 78573
Cohen, E. *see* Ashkinadze, B.M. 63039
Cohen, E. *see* Gekhtman, D. 63005
Cohen, F.F. Consulting case study LCD to TFEL video adapter 69412
Cohen, F.S. *see* Huang, Z. 108707
Cohen, G., Litsyn, S., Vardy, A., Zemor, G. Tilings of binary spaces 108155
Cohen, G., Litsyn, S., Zemor, G. On the traveling salesman problem in binary Hamming spaces 72505
Cohen, G. *see* Davidov, D. 64962
Cohen, G.B. *see* Patel, J.S. 75611
Cohen, G.D., Litsyn, S., Lobstein, A., Mattson, H.F., Jr. Covering radius 1985-1994 66342
Cohen, G.M., Benchimol, J.L., Le Roux, G., Legay, P., Sapriel, J. p- and n-type carbon doping of In$_x$Ga$_{1-x}$As$_y$P$_{1-y}$ alloys lattice matched to InP 74535
Cohen, H. *see* Chapelon, J.Y. 90571
Cohen, H. *see* Komo, D. 110814
Cohen, H.A. *see* You, J. 66977
Cohen, H.A. *see* You, J. 87096
Cohen, H.M. *see* Wong, T.E. 82201
Cohen, I., Herlin, I. Optical flow and phase portrait methods for environmental satellite image sequences 67285
Cohen, I. *see* Herlin, I.L. 101566
Cohen, J. *see* Bergman, L.A. 109585
Cohen, J. *see* Whitmal, N.A. 120512
Cohen, J.D., Fan Zhong Bias light induced defect relaxation phenomena in hydrogenated amorphous silicon 94407
Cohen, J.D. *see* Fan Zhong 94412
Cohen, J.D. *see* Wickboldt, P. 92837
Cohen, J.M., Colonna, F., Picardello, M.A. Image recovery from exponential blurring 67021
Cohen, K., Diaz y Diaz, F., Olivier, M. Computing ray class groups, conductors and discriminants 103655
Cohen, L. A general approach for obtaining joint representations in signal analysis. I. Characteristic function operator method 66808
Cohen, L. A general approach for obtaining joint representations in signal analysis. II. General class, mean and local values, and bandwidth 66809
Cohen, L. *see* Bardinet, E. 70018
Cohen, L.D., Kimmel, R. Global minimum for active contour models: a minimal path approach 86437
Cohen, M., Eichenbaum, A., Kleinman, H., Chairman, D., Gover, A. Report on first masing and single-mode locking in a prebunched beam FEM oscillator 96453
Cohen, M. *see* Abramovich, A. 96078
Cohen, M. *see* Afek, Y. 87459
Cohen, M. *see* Arensburg, A. 96443
Cohen, M.E., Hudson, D.L., Deedwania, P.C. Applying continuous chaotic modeling to cardiac signal analysis 120413
Cohen, M.S. *see* Crow, J.D. 119221
Cohen, N., Charlton, D. Polychromatic SETI 76435
Cohen, P. *see* Pilon, M. 77437
Cohen, P.A. *see* Andriole, K.P. 110721
Cohen, R. An improved SSCOP-like scheme for avoiding unnecessary retransmissions and achieving ideal throughput 87347
Cohen, R., Patel, B.V., Schaffa, F., Willebeek-LeMair, M. The sink tree paradigm: connectionless traffic support on ATM LAN's 78086
Cohen, R., Yee-Hsiang Chang Video-on-demand session management 98564
Cohen, S., Arianer, J., Essabaa, S., Frascaria, R., Zerhouni, O. Latest results of the Orsay polarized electron source 120117
Cohen, S.R. *see* Chernyak, L. 105107
Cohen, U. *see* Reed, W. 115676
Cohen, V. Peak load limiters versus metering 70702
Cohen, V. The inequality of circuit breaker standards 91681
Cohen, V. The inequality of circuit breaker standards 102889
Cohen, V. Why electronic and not electromechanical ELCBs 112142
Cohen Stuart, A.B. *see* Kamminga, C. 109815
Cohen-Adad, M.T. *see* Brenier, A. 75868
Cohen-Adad, M.T. *see* Foulon, G. 116048
Cohenca, C.H. *see* Jardim, R.F. 84854
Cohn, A.G. *see* Fernyhough, J.H. 67305
Cohn, D.L. *see* Barchett, L.D. 118079
Cohn, M., Khazan, R. Parsing with suffix and prefix dictionaries 86223
Cohn, M., Yang, J. Millimeter wave retrodirective transponders and their applications 76640
Cohn, M. *see* Storer, J.A. *(editor)* 72092
Cohn, R.W., Minhua Liang Pseudorandom phase-only encoding of real-time spatial light modulators 67396
Cohn, S.A. Radar measurements of turbulent eddy dissipation rate in the troposphere: a comparison of techniques 90771
Cohoon, J.L., Cohoon, J.P. A provably good moat routing algorithm 95115
Cohoon, J.P. *see* Cohoon, J.L. 95115
Cohrs, D. *see* Rosler, U. 106424
Coic, H. *see* Jolly, A. 85416
Coic, H. *see* Le Neve, M. 76211
Coie, Y.M., Garie, T. Upgrade of a hardened electronic system's design method 103394
Coimbra, A.P.B., Antunes, C.F.L. Improving electric field accuracy from finite element potential solutions 96894
Coimbra, A.P.Breda *see* Breda Coimbra, A.P.
Coimbra, M.de Lima *see* de Lima Coimbra, M.
Coisson, R. *see* Allodi, G. 95783
Coit, D.W., Billa, J., Leonard, D., Smith, A.E., Clark, W., El-Jaroudi, A. Wave solder process control modeling using a neural network approach 73865
Coit, D.W., Smith, A.E. Reliability optimization of series-parallel systems using a genetic algorithm 82337
Coit, D.W., Smith, A.E. Penalty guided genetic search for reliability design optimization 103686
Cojazzi, G. The DYLAM approach for the dynamic reliability analysis of systems 72352
Cojazzi, G., Saccuman, P. An integrated simulation approach for the applicability assessment of fuzzy logic to the traffic collision avoidance system (TCAS) 70380
Cojoc, D., Curatu, E., Taloi, L. Shift-invariant optical associative memory: triple optical correlator configuration with pattern preprocessing for enhanced interclass discrimination 87201
Cojocaru, V. *see* Feldmann, P. 114266
Cojocaru, V.I., Perry, P., Brazil, T.J. The characterisation and large-signal modelling of InGaAs pseudomorphic high electron-mobility transistors 73724
Cojocaru, V.I. *see* Feldmann, P. 93825
Coker, G.S. *see* DeFotis, G.C. 64242
Coker, J.D. *see* Tang, Y. 64420
Coker, N. *see* Latman, N.S. 69930
Cokgor, I. *see* Dvornikov, A.S. 84951
Cokgor, I. *see* Piyaket, R. 95649
Cola, A. Analysis of current and capacitance measurements on semi-insulating GaAs X-ray detectors 120190
Cola, A. *see* Cingolani, R. 63031
Cola, A. *see* Cingolani, R. 94505
Cola, A. *see* Valentini, A. 61433
Cola, A. *see* Valentini, A. 69788
Colaitis, M.-J., Jumpertz, J.-L., Guerin, B., Cheron, B., Battini, F., De Lescure, B., Gautier, E., Geffroy, J.-P. The implementation of P^{3}I, a parallel architecture for video real-time processing: a case study 77509
Colak, B. *see* Vertiy, A.A. 79659
Colak, D. *see* Nosich, A.I. 66082
Colalongo, L., Valdinoci, M., Baccarani, G., Pecora, A., Policicchio, I., Fortunato, G., Plais, F., Legagneux, P., Reita, C., Pribat, D. Analysis and characterization of polycrystalline silicon thin-film transistors 84406
Colalongo, L. *see* Pellegrini, A. 63605
Colalongo, L. *see* Pellegrini, A. 84422
Colalongo, L. *see* Valdinoci, M. 84299
Colamartino, F. *see* Gaspalou, B. 81647
Colaneri, P. *see* Bolzern, P. 66786
Colantonio, P., Giannini, F., Leuzzi, G., Limiti, E. Large-signal affine representation for nonlinear microwave circuits direct synthesis 114248
Colao, F. *see* Ciucci, A. 111302
Colapicchioni, C. *see* Campanella, L. 119941
Colas, E. *see* Kapon, E. 63083
Colas, F. High-performance concrete 111747
Colas, F. High-performance concrete [reactor applications] 121333
Colavito, D.B. *see* Nguyen-Ngoc, D. 63964
Colban, D.M. *see* Wirtz, R.A. 60631
Colbourn, C.J., Kreher, D.L. Concerning difference matrices 117211
Colbow, K. *see* Miremadi, B.K. 110270
Colby, E., Bharadwaj, V., Ostiguy, J.E., Nicol, T., Conde, M., Rosenzweig, J. Design and construction of high brightness RF photoinjectors for TESLA 90087
Colby, E. *see* Rosenzweig, J. 85543
Colby, E. *see* Rosenzweig, J.B. 79982
Colby, E.G., Lowe, C.R. An integrated biosensor 69335
Coldewey, C. *see* Bottcher, S. 106215
Coldren, L. *see* Pinsukanjana, P. 82673
Coldren, L.A. *see* Cohen, D.A. 85500
Coldren, L.A. *see* Floyd, P.D. 65317
Coldren, L.A. *see* Hegblom, E.R. 107415
Coldren, L.A. *see* Herrick, R.W. 96312
Coldren, L.A. *see* Holmes, A.L., Jr. 94508
Coldren, L.A. *see* Hu, S.Y. 65266
Coldren, L.A. *see* Itaya, K. 65220
Coldren, L.A. *see* Jan, Y.-H. 109618
Coldren, L.A. *see* Keller, S. 72783
Coldren, L.A. *see* Mondry, M.J. 92691
Coldren, L.A. *see* Strand, T.A. 105357
Coldren, L.A. *see* Strzelecka, E.M. 85342
Coldren, L.A. *see* Wipiejewski, T. 65323
Coldren, L.A. *see* Wipiejewski, T. 85509
Coldren, L.A. *see* Wipiejewski, T. 85526
Coldren, L.A. *see* Wipiejewski, T. 107350
Coldstream, P. Engineering education: helping people to develop 60489
Cole, B. *see* Snitzer, E. 78773
Cole, B.E., Hill, S.O., Imanaka, Y., Shimamoto, Y., Batty, W., Singleton, J., Chamberlain, J.M., Miura, N., Henini, M., Cheng, T. Effective mass anisotropy and many-body effects in 2D GaAs/(Ga,Al)As hole gases observed in very high magnetic fields: comparison of theory and experiment 105186
Cole, B.F. *see* Guo-Chun Liang 100264
Cole, D.J. *see* Cebon, D. 81981
Cole, E.H., Smeins, L.G., Stechman, J.M., Becker, G., Lorman, G. Space telescope imaging spectrometer 1 K by 1 K MAMA detector charge amplifier and discriminator flight electronics performance 79527
Cole, E.H. *see* Smeins, L.G. 79529
Cole, E.I., Jr., Peterson, K.A., Barton, D.L. Novel MCM interconnection analysis using capacitive charge generation (CCG) 104969
Cole, E.I., Jr. *see* Anderson, R.E. 74794
Cole, G.R. *see* Dixon, M.W. 67599
Cole, H. *see* Bristow, J. 85340
Cole, H. *see* Fillion, R. 94140
Cole, J.A., Dawson, J.F., Porter, S.J. Efficient modelling of thin conducting sheets within the TLM method 65916
Cole, J.C., Braun, D.F. Accelerometers with on-chip signal processing 79259
Cole, J.D. *see* Aryaeinejad, R. 80083
Cole, J.D. *see* Aryaeinejad, R. 100877
Cole, J.V. *see* Jensen, K.F. 84548
Cole, J.V. *see* Merchant, T.P. 74510
Cole, L.A., Stansberry, C.J., Jr., Le, K.D., Haiwu Ma Client-server technology meets operational-planning challenges 91062
Cole, M. *see* Swain, P.K. 105265
Cole, M.J. *see* Laming, R.I. 78820
Cole, M.J. *see* Lees, G.P. 85396
Cole, M.J. *see* Loh, W.H. 78943
Cole, M.J. *see* Volanthen, M. 69231
Cole, M.S., Caulfield, T. A review of available ball grid array (BGA) packages 92225
Cole, M.S., Hoebener, K.G. Planarity and centrality requirements for ceramic ball grid array packaging 92231
Cole, M.W., Eckart, D.W., Han, W.Y., Pfeffer, R.L., Monahan, T., Ren, F., Yuan, C., Stall, R.A., Pearton, S.J., Li, Y., Lu, Y. Thermal stability of W ohmic contacts to n-type GaN 83976
Cole, M.W., Han, W.Y., Casas, L.M., Eckart, D.W., Monahan, T., Jones, K.A. The mechanisms of formation of ohmic contacts to AlGaAs: a microstructural, elemental diffusion and electrical investigation 94593
Cole, M.W. *see* Dubey, M. 83817
Cole, M.W. *see* Dubey, M. 96057
Cole, M.W. *see* Jones, K.A. 63607
Cole, M.W. *see* Ren, F. 84156
Colella, N.J. *see* Kerns, J.A. 82218
Coleman, C.C. *see* Urgiles, E. 113280

Coleman, C.J. A model of HF sky wave radar clutter 99654
Coleman, D. *see* Olin, B.D. 82810
Coleman, J.J. Integrated strained-layer photonic devices by selective area epitaxy 75993
Coleman, J.J. *see* Lammert, R.M. 65000
Coleman, J.J. *see* Lammert, R.M. 65205
Coleman, J.J. *see* Lammert, R.M. 85322
Coleman, J.J. *see* Li, X. 105154
Coleman, J.J. *see* Li, X. 106997
Coleman, J.J. *see* Little, L.M. 107314
Coleman, J.J. *see* Panepucci, R. 82595
Coleman, J.J. *see* Purchase, K.G. 88483
Coleman, J.J. *see* Smith, G.M. 65204
Coleman, J.J. *see* Smith, G.M. 76004
Coleman, J.J. *see* Smith, G.M. 85469
Coleman, J.J. *see* Turkot, B.A. 114882
Coleman, J.J. *see* Turnbull, D.A. 113360
Coleman, J.L., Henderson, W., Taylor, P.G. Product form equilibrium distributions and a convolution algorithm for stochastic Petri nets 103559
Coleman, J.P., Ixaru, L.G. P-stability and exponential-fitting methods for $y''=f(x, y)$ 60966
Coleman, P.D., Cronin, D.W. Experimental-theoretical Landau energy level data and its use in making p-Ge laser transition assignments 75939
Coleman, P.D. *see* Hendricks, K.J. 62592
Coleman, P.D. *see* Luginsland, J.W. 105018
Coleman, P.G. *see* Brauer, G. 94452
Coleman, R.E. *see* Bowsher, J.E. 120300
Coleman, R.E. *see* Gilland, D.R. 101128
Coleman, R.E. *see* Gilland, D.R. 101282
Coleman, R.E. *see* Huili Wang 101133
Coleman, R.E. *see* Jaszczak, R.J. 101285
Coleman, R.E. *see* Jianying Li 70062
Coleman, R.E. *see* Johnson, E.L. 101203
Coleman, R.E. *see* McCormick, J.W. 101171
Coleman, R.E. *see* Wang, H. 101256
Coleman, T.F., Yuying Li An interior trust region approach for nonlinear minimization subject to bounds 92546
Coleman, T.L. *see* Belisle, W.R. 120869
Coleman, W.E. Stencil design for advanced packages 82256
Coleman, Z.A., Metz, M.H., Phillips, N.J. Holograms in the extreme edge illumination geometry 96820
Coleridge, P.T., Wasilewski, Z., Zawadzki, P. Growth and characterization of high mobility two-dimensional electron gases 82686
Coleridge, P.T. *see* Fletcher, R. 105284
Coleridge, P.T. *see* Sachrajda, A.S. 62935
Coleridge, P.T. *see* Sachrajda, A.S. 105412
Coles, H. *see* Lester, G. 95859
Coles, H.J. *see* Wright, J. 107501
Coles, M. Global positioning system (GPS) for maritime navigation 88785
Coles, P.C., Rodger, D., Leonard, P.J., Lai, H.C. Finite element modelling of 3D moving conductor devices with low conductivity 65686
Coles, P.C. *see* Rodger, D. 107782
Coles, W. Oil-filled switchgear with manually dependent operating mechanisms–enforcement aspects 71574
Colestock, P. *see* Assadi, S. 89863
Colestock, P. *see* Kang, X. 89843
Colestock, P. *see* Liu, J.Y. 89882
Colestock, P. *see* Sun, D. 100501
Colestock, P.L., Spentzouris, L.K., Ostiguy, F. Nonlinear wave phenomena in coasting beams 100631
Coletti, A. *see* Benfatto, I. 112060
Coletti, G., Scozzafava, R. Characterization of coherent conditional probabilities as a tool for their assessment and extension 82408
Colgan, E.G. Activation energy for Ni_2Si and NiSi formation measured over a wide range of ramp rates 105662
Colgan, E.G., d'Heurle, F.M. Kinetics of silicide formation measured by in situ ramped resistance measurements 63433
Colgan, E.G. *see* Hu, C.-K. 63479
Coli, G. *see* Calcagnile, L. 74378
Coli, M., Gennuso, G., Palazzari, P. A new crossover operator for genetic algorithms 92551
Coli, M. *see* Carotenuto, R. 108337
Colii, G. *see* Calcagnile, L. 65345
Colin, A., Boire, J.Y., Bonafous, J., Michelot, J., Bacin, F., Moreau, M.F., Veyre, A. Application of textural features to the detection of ocular melanomas in scintigraphy 120278
Colin, J.M. *see* Julie, J.J. 68677
Colin, N. *see* Moruzzia, M. 80729
Colin, T. *see* Schultz, M. 105313
Colinas, M.-F. *see* Boury, X.C. 72488
Colineau, J., Soubaras, H., Claudepierre, C., Maurice, F. Increasing track density in a multitrack magnetic recording system by crosstalk compensation and track following 115795
Colinge, J.-P. *see* Francis, P. 94991
Colinge, J.-P. *see* Gentinne, B. 74719
Colinge, J.-P. *see* Gillon, R. 93844
Colinge, J.-P. *see* Haond, M. 95179
Colinge, J.P., Crahay, A., de Ceuster, D., Dessard, V., Gentinne, B. Improved LOCOS isolation for thin-film SOI MOSFETs 105980
Colinge, J.P. *see* Pavanello, M.A. 94983
Colinge, J.P. *see* Raskin, J.P. 115204
Coll, S., Aceiton, L., Comina, C. An intelligent air-conditioning system 71921
Colla, A.E.L. *see* Kholkin, A.L. 64072
Colla, A.M., Trogu, L., Zunino, R. Hardware implementation of neural systems for visual target tracking 117866
Colla, A.M. *see* Bruzzo, S. 121275
Collamati, L., Filippetti, F., Franceschini, G., Pirani, S., Tassoni, C. Induction machine stator fault on-line diagnosis based on LabVIEW environment 121495
Collan, H.K., Vinnurva, J. Rapid optimization of a magnetic induction brake 96940
Collange, F. *see* Trassoudaine, L. 117654
Collar, A.J. *see* Greene, P.D. 96429
Collar, J.I. Superheated microdrops as cold dark matter detectors 100906
Collar, J.I. *see* Girard, T.A. 80093
Collar, J.I. *see* Jeudy, V. 69789
Collard, A. *see* Anderson, K. 97156
Collard, A. *see* Anderson, K. 97160
Collard, D. *see* Ferreira, P. 63295
Collard, D. *see* Senez, V. 63877
Collarin, P., Piovan, R. Simplified magnetic circuit for the calculation of the stray magnetic flux through the shell gaps 107762
Collart, S., Mall, D. A combinatorial result on Grobner Fans with an application to universal Grobner bases 103713
Colle, R., Kotrappa, P., Hutchinson, J.M.R. Calibration of electret-based integral radon monitors using NIST polyethylene-encapsulated $^{226}Ra/^{222}Rn$ emanation (PERE) standards 80513
Colledani, C., Dulinski, W., Turchetta, R., Djama, F., Rudge, A., Weilhammer, P. A submicron precision silicon telescope for beam test purposes 69807
Coller, J. *see* Abe, K. 69708
Coller, J. *see* Abe, K. 69726
Coller, J.M.Van *see* Van Coller, J.M.
Collet, C. *see* Thourel, P. 86807
Collet, J. *see* Vuillaume, D. 106369
Collet, J.H. *see* Buhleier, R. 116679
Collette, L., Boonvanno, P. Thai consumer experience with US multichannel television as a prelude to Thailand's emerging media system 109921
Collette, T. *see* Scheer, P. 85197
Colley, A. *see* Abramski, K. 107105
Colley, A.D., Villarreal, F., Cameron, A.A., Vitruk, P.P., Baker, H.J., Hall, D.R. High power CW molecular gas lasers using narrow gap slab waveguides 107104
Colli, G., Montecchi, F. Low voltage low power CMOS four-quadrant analog multiplier for neural network applications 114147
Colli, G. *see* Fabbrizio, V. 62116
Colli, G. *see* Gerna, D. 104737
Colli, G. *see* Tomasini, A. 79542
Collica, L. *see* Yoo, S. 118109
Collica, R.S., Ramirez, J.G., Taam, W. Process monitoring in integrated circuit fabrication using both yield and spatial statistics 74798
Collier, B.F. *see* Petrenko 84768
Collier, B.R., Kim, H.S. Efficient analysis of shared buffer management strategies in ATM networks under non-uniform bursty traffic 87339
Collier, C., Behr, D. Dissemination methods for ATIS systems 99727
Collier, C.G. *see* Hardaker, P.J. 80651
Collier, J. *see* Haun, M.J. 115452
Collier, J.L., Goddard, B.J., Goode, D.C., Marka, S., Telle, H.H. A low-cost gated integrator boxcar averager 110044
Collier, P. Synchrotron phase space injection into LEP 79965
Collier, P., Schmickler, H. The influence of residual vertical dispersion on LEP performance 79963
Collier, P., Schmickler, H. Systematic studies of the LEP working point 79966
Collier, P. *see* Bailey, R. 79964
Collier, P. *see* Faugier, A. 79947
Collier, P. *see* Faugier, A. 79948
Collier, R.J., Boese, I.M. Microwave measurements above 100 GHz 79677
Collier, T.J., Chari, D.R. Startup of Yonggwang-3 and -4 91281
Collier, W. *see* Rohm, I. 69333
Collier, W.A., Janssen, D., Hart, A.L. Measurement of soluble L-lactate in dairy products using screen-printed sensors in batch mode 110244
Collignon, A. *see* Maes, F. 110702
Colligon, J.S. *see* Lambrinos, M.F. 92793
Collin, B., Zavidovique, B. Deformation detection with frequency modulation 86359
Collings, B. *see* Segev, M. 65500
Collings, B.C., Stark, J.B., Tsuda, S., Knox, W.H., Cunningham, J.E., Jan, W.Y., Pathak, R., Bergman, K. Saturable Bragg reflector self-starting passive mode locking of a Cr^{4+}:YAG laser pumped with a diode-pumped Nd:YVO_4 laser 96180
Collings, E.W., Sumption, M.D. Stability and AC losses in HTSC/Ag multifilamentary strands 64528
Collings, E.W. *see* Sumption, M.D. 64526
Collings, E.W. *see* Sumption, M.D. 84864
Collings, E.W. *see* Sumption, M.D. 115958
Collings, N., Pourzand, A.R., Volkel, R. Construction of a programmable muitilayer analogue neural network using space invariant interconnects 75635
Collings, N. *see* Berger, C. 85227
Collings, N. *see* Duelli, M. 106875
Collings, N. *see* Yu, T.C.B. 85226
Collington, J.R. *see* Dames, M.P. 88059
Collingwood, E., Corne, D., Ross, P. Useful diversity via multiploidy 92564
Collino, F. *see* Vassallo, C. 76541
Collins, B.T., Ling, M. Synthesis and cathodoluminescent performance of green-emitting SrS:Mn phosphors 95968
Collins, C.B., Davanloo, F. Amorphous diamond–a unique product of laser ablation 113436
Collins, C.B., Rivlin, L.A. From quantum electronics to quantum nucleonics 96089
Collins, C.E., Pollard, R.D., Miles, R.E. A novel MMIC source impedance tuner for on-wafer microwave noise parameter measurements 83441
Collins, C.E., Pollard, R.D., Miles, R.E., Dildine, R.G. On the measurement of SSB noise figure using sideband cancellation 69474
Collins, D.A. *see* Marquardt, R.R. 74683
Collins, D.M., Harris, G.L., Zhang, D., Wongchotigul, K. The photoelectrochemical (pec) etching of α and β silicon carbide (SiC) and its characterization 105713
Collins, D.M. *see* Shields, V.B. 119777
Collins, G. *see* Kollman, R. 61606
Collins, G.J. *see* Yu, Z. 94589
Collins, H. *see* Robin, D. 120014
Collins, H.D. *see* McMakin, D.L. 112837
Collins, H.D. *see* Sheen, D.M. 117646
Collins, J. *see* Derenchuk, V. 120079
Collins, J. *see* Jones, W.P. 100575
Collins, J.P., Langley, R.B. Mitigating tropospheric propagation delay errors in precise airborne GPS navigation 68774
Collins, J.V., Lealman, I.F., Fiddyment, P.J., Thurlow, A.R., Ford, C.W., Rogers, D.C., Jones, C.A. The packaging of large spot-size optoelectronic devices 112941
Collins, J.V., Macdonald, B.M., Lealman, I.F., Jones, C.A. New technology developments make passive laser/fibre alignment a reality 72293
Collins, J.V. *see* Rogers, D.C. 78692
Collins, M. *see* Askari, F. 120848
Collins, M.F. *see* Petrenko 84768
Collins, M.J., Martin, J.D. Synchronisation of cyclic coset codes for railway track circuit data 91854
Collins, M.J., Warren, F.G.R., Paul, J.L. Airborne imaging microwave radiometer. I. Radiometric analysis 70511
Collins, M.P., Hurley, W.G., Jones, E. The application of wavelet theory in an expert system for power quality diagnostics 91083
Collins, O. The design of low jitter hard limiters 61660
Collins, O. Cryptographic redundancy and mixing functions 66425
Collins, O.M., Zhuang, Z. Maximum likelihood synchronization and frequency measurements 67517
Collins, O.M. *see* Yi Hsuan 66448
Collins, P.D., Hull, F.M., Hage, J. Profiles of leaders, followers, and laggards in programmable automation adoption 92138
Collins, P.D. *see* Hull, F.M. 60577
Collins, P.G., Zettl, A. A simple and robust electron beam source from carbon nanotubes 105004
Collins, P.J., Skinner, J.P. An iterative solution for TM scattering from perturbed circular dielectric cylinders 76369
Collins, R. *see* Mao, D. 112363
Collins, R. *see* Riseman, E.M. 67470
Collins, R.J., Shin, H., DeGuire, M.R., Heuer, A.H., Sukenik, C.N. Low temperature deposition of patterned TiO_2 thin films using photopatterned self-assembled monolayers 95246
Collins, R.T. A space-sweep approach to true multi-image matching 86401
Collins, R.T. *see* Cheng, Y.-Q. 86498
Collins, R.T. *see* Xiaoguang Wang 86390
Collins, R.T. *see* Yong-Qing Cheng 77313
Collins, R.W., Burnham, J.S., Sangbo Kim, Joohyun Koh, Yiwei Lu, Wronski, C.R. Insights into deposition processes for amorphous semiconductor materials and devices from real time spectroscopic ellipsometry 92882
Collins, R.W. *see* Joungchel Lee 114761
Collins, R.W. *see* Lee, J. 104145
Collins, R.W. *see* Sangbo Kim 102997
Collins, S. *see* Marshall, G. 104766
Collins, S.F. *see* Petreski, B.P. 75468
Collins, S.F. *see* Wade, S.A. 79498
Collins, S.M. *see* Sonka, M. 101187
Collins, S.R. *see* Rand, J.A. 112358
Collins, T. *see* Beccherle, R. 80297
Collins, T. *see* Beuville, E. 101309
Collins, T. *see* Van den Bosch, G. 63919
Collins, W.E. *see* Chen, H. 114600
Collins, W.E. *see* Henderson, D.O. 61145
Collins, W.E. *see* Mu, R. 84105
Collins, W.E. *see* Tung, Y.S. 63375
Collison, W.Z. *see* Kushner, M.J. 94760
Collison, W.Z. *see* Kushner, M.J. 105617
Collmann, J. *see* Tohme, W.G. 90258
Collobert, D. *see* Bengio, S. 92439
Collombat, F., Dupuy, M. Ensuring the safety of hydro powerplants 102505
Collorec, R. *see* Coatrieux, J.L. 120314
Collot, J. *see* Abbes, M. 90145
Collura, J., Goldstein, H., Fisher, D., Szymkowiak, A. Experience with an advanced traveler information system trial test in the metropolitan New York City area 99320

Collura, J.S., Kohler, M.A. Fast algorithms for practical vector quantization in speech coders 118696
Collyer, R.S. *see* Long, D.G. 70512
Colmenarez, A.J., Huang, T.S. Maximum likelihood face detection 117904
Colocci, M. *see* Bogani, F. 62999
Colom, P.Guitart i *see* Guitart i Colom, P.
Coloma, J. *see* Carrasco, R.A. 88149
Colomb, F., Eastman, K., Roman, J. Characterization of metal on elastomer vertical interconnections 82207
Colomb, F.R., Hurrell, E., Lemarchand, G.A., Olald, J.C. Results of two years of SETI observations with META II 79107
Colombeau, B. *see* Barthelemy, A. 65389
Colombeau, B. *see* Desfarges, A. 76179
Colombeau, B. *see* Kermene, V. 67084
Colombeau, B. *see* Menard, S. 75899
Colombo, C., Crowley, J.L. Uncalibrated visual tasks via linear interaction 67313
Colombo, F. *see* Brasca, C.L. 91372
Colombo, F. *see* Francescon, P. 80296
Colombo, G. *see* Berruto, E. 68205
Colombo, G. *see* Curle, P. 68278
Colon-Bonet, G. *see* Heikes, C. 73438
Colonna, F. *see* Cohen, J.M. 67021
Colonna, N. *see* Agnello, M. 110583
Colonna, V., Maloberti, F., Torelli, G. Clock feedthrough compensation with phase slope control in SC circuits 62064
Colonna de Lega, X., Jacquot, P. Deformation measurement with object-induced dynamic phase shifting 110387
Colonnese, S. *see* Neri, A. 86580
Colorni, A., Dorigo, M., Maffioli, F., Maniezzo, V., Righini, G., Trubian, M. Heuristics from nature for hard combinatorial optimization problems 103700
Colozza, E. *see* Brasca, C.L. 91372
Colpaert, C., Maximus, B., De Meyere, A. Adequate measuring techniques for ions in liquid crystal layers 75615
Colpaert, C., Maximus, B., Groeneveld, C.M. Influence of the ion contamination in nematic liquid crystal displays on the transmission-voltage relationship in active matrix addressing mode 85123
Colpaert, C. *see* De Ley, E. 106869
Colson, W.B. *see* Benson, S.V. 96445
Colson, W.B. *see* Benson, S.V. 107358
Colson, W.B. *see* Blau, J. 96544
Colson, W.B. *see* Mabe, R.M. 96461
Colson, W.B. *see* Ramos, L. 96470
Colson, W.B. *see* Small, D.W. 96473
Colson, W.B. *see* Wong, R.K. 96543
Colstoun, E.B.de *see* de Colstoun, E.B.
Coltelli, M., Fornaro, G., Franceschetti, G., Lanari, R., Migliaccio, M., Moreira, J.R., Papathanassiou, K.P., Puglisi, G., Riccio, D., Schwabisch, M. On the survey of volcanic sites: the SIR-C/X-SAR interferometry 111083
Coltelli, M. *see* Lanari, R. 111161
Colton, E. *see* Wang, T. 89991
Colton, R.J. *see* Baselt, D.R. 69337
Coltuc, D., Pitas, I. Morphological residual representations of signals 117456
Colucci, C.C. *see* Cabral, F.A.O. 115503
Colucci, C.C. *see* Gama, S. 75103
Columbeanu, P., Comanescu, V. Numerical protection systems for generators and generator–transformer blocks 102617
Colussi, L., Toniolo, L. How the character comparison order shapes the shift function of on-line pattern matching algorithms 108441
Coluzza, C. *see* Almeida, J. 94572
Coluzza, C. *see* Almeida, J. 114815
Coluzza, C. *see* Bouvet, D. 63170
Coluzza, C. *see* Cricenti, A. 69371
Coluzza, C. *see* Cricenti, A. 104125
Coluzza, C. *see* Di Ventra, M. 63813
Coluzza, C. *see* Di Ventra, M. 115262
Coluzza, C. *see* Moser, H.O. 79772
Colver, G.M., Kim, S.W., Yu, T.U. An electrostatic suspension method for testing spark breakdown, ignition, and quenching of powders 107806
Colver, R.E. *see* Ashen, R.A. 72131
Colvin, J. Color voltage contrast: a new method of implementing fault contrast with color imaging software 108445
Colvin, J. *see* Ho, Y.-C. 73806
Colvin, J. *see* Quesada, P.M. 80489
Colvin, J. *see* Teodorescu, R. 95546
Colvin, M.E. *see* Allendorf, M.D. 61422
Colwell, R. *see* Deming Chen 87897
Colwell, S. Big picture, little box [NEC's LCD300 monitor] 89212
Colyer, B., Simkin, J., Trowbridge, C.W. Project MIDAS: Magnet Integrated Design and Analysis System 92150
Colzi, D. *see* Alparone, L. 67117
Colzi, E. *see* Franchi, A. 88803
Coman, A., Koller, G., Ronen, B. The application of focused management in the electronics industry 92305
Comanescu, V. *see* Columbeanu, P. 102617
Comani, S., Conforto, S., Di Nuzzo, D., Basile, M., Di Luzio, S., Erne, S.N., Romani, G.L. Non-invasive detection of gastric myoelectrical activity: comparison between results of magnetogastrography and electrogastrography in normal subjects 80393
Comaniciu, C. *see* Dogaru, R. 108386
Comaniciu, D. Vector quantization of images with the ECMPNN algorithm 67111
Comanor, K.A., Virador, P.R.G., Moses, W.W. Algorithms to identify detector Compton scatter in PET modules 101279
Comari, M. *see* Bortoletto, F. 100137
Comas, J.M. *see* Femenias, G. 68310
Combarel, L. *see* Sauvageot, A. 68889
Combaud, M. The application of the spatial smoothing technique to the problem of estimating the bearings of two 180° out-of-phase sources 68600
Combellas, C., Mathey, G., Thiebault, A., Kajzar, F. Influence of substitution on second order hyperpolarisabilities 76222
Comber, M.G., Bernstorf, R.A. Performance of polymer insulators under artificial aging 91200
Comber, M.G. *see* Bartkowiak, M. 74781
Combes, M., Dioury, K., Greiner, A. A portable clock multiplier generator using digital CMOS standard cells 73514
Combes, P.F. *see* Ferre, N. 68556
Combes, P.F. *see* Moreau, H. 65808
Combescure, P. *see* Kataoka, A. 68294
Combet, M. *see* Ball, J. 120096
Combot, J.P., Astier, D. Grade of service, traffic management and planning 98518
Combs, R., Pocha, M., Strand, T. Silicon microbench heater elements for packaging optoelectronic devices 72298
Comedi, D., Chambouleyron, I. Dopant impurity-induced defects in p-type doped hydrogenated amorphous germanium 105119
Comer, D.J. A theoretical design basis for minimizing CMOS fixed taper buffer area 74825
Comer, D.T. Zener zap anti-fuse trim in VLSI circuits 115278
Comer, D.T., Webster, C.M. A fast response tone detector 73162
Comeron, A. *see* de Mingo, J. 104781
Comeron, A. *see* Rodriguez, A. 99662
Comes, F.J. *see* Armerding, W. 111219
Comes, G., Loddo, F., Hu, Y., Kaplon, J., Ly, F., Turchetta, R., Bonvicini, V., Vacchi, A. CASTOR: a VLSI CMOS mixed analog-digital circuit for low noise multichannel counting applications 110613
Comet, A. *see* Roura, P. 105168
Comfort, J. *see* Zhou, Z.-L. 110536
Comi, G. *see* Tognola, G. 120433
Comina, C. *see* Coll, S. 71921
Cominetti, R. *see* Bonnans, J.F. 113197
Comino, N., Lakshmi Narasimhan, V. Analysis of two image processing algorithms on parallel computing systems 98328
Comizzoli, R.B., Frankenthal, R.P., Peins, G.A., Psota-Kelty, L.A., Siconolfi, D.J., Sinclair, J.D. Qualification of a submicron dust particle exposure chamber for life testing integrated circuits, components and electronic assemblies 69007
Comizzoli, R.B. *see* Chand, N. 75990
Comizzoli, R.B. *see* Chand, N. 107269
Comizzoli, R.B. *see* Osenbach, J.W. 65267
Comizzoli, R.B. *see* Osenbach, J.W. 75728
Comley, V.E., May, B.F., Rogers, D.J. CW interference excision in a DS/SS communication system using spectrally-defined spreading and despreading functions 78344
Commandeur, H. *see* Belpaire, A. 118631
Commercon, A. *see* Abbes, M. 90145
Common, A.K., McCabe, J.H. The symmetric strong moment problem 60971
Common, A.K. *see* Hicks, A.C. 107964
Comon, P. Contrasts for multichannel blind deconvolution 86203
Comon, P. *see* Cardoso, J.-F. 117430
Comon, P. *see* Chaumette, E. 68612
Comoretto, G. *see* Massi, M. 68823
Comp, C.J. *see* Axelrad, P. 68321
Comparini, M.C. *see* Boscagli, G. 78637
Comparini, M.C. *see* Suriani, A. 119094
Compen, J.M.A. *see* van den Eeden, A.L.G. 89445
Compton, M., Carande, R.E. Vexcel corporations' SAR processing ground station: An overview 120711
Compton, R.C. *see* Kolias, N.J. 73741
Compton, R.C. *see* Saavedra, C.E. 99072
Compton, R.C. *see* Vaughan, M.J. 66124
Compton, R.C. *see* Vaughan, M.J. 83489
Compton, R.C. *see* Vaughan, M.J. 88258
Compton, R.T. *see* Chit-Sang Tsang 86003
Comrie, P. *see* Chen, R.W. 72236
Comtet, G. *see* Dujardin, G. 63342
Comtois, J.H., Bright, V.M. Design techniques for surface-micromachining MEMS processes 74914
Comtois, J.H., Bright, V.M., Gustafson, S.C., Michalicek, M.A. Implementation of hexagonal micromirror arrays as phase-mostly spatial light modulators 75594
Comtois, J.H., Bright, V.M., Phipps, M.W. Thermal microactuators for surface-micromachining processes 74977
Comtois, J.H. *see* Bright, V.M. 106250
Comtois, J.H. *see* Read, B.C., III 74978
Comtois, J.H. *see* Sene, D.E. 75592
Comunian, M. *see* Bossart, R. 89668
Conan, J., Lefebvre, C. Linear equalization of frequency selective channels using space diversity 68309
Conaway, W.E. *see* Stevens, C.G. 70483
Concannon, A., Mathewson, A., Piccinini, F., Mei, G.L., Bez, R., Lombardi, C. Applications of a novel hot carrier injection model in flash EEPROM design 61873
Concepcion, V., Wechsler, H. Detection and localization of objects in time-varying imagery using attention, representation and memory pyramids 98321
Concha, L.M. *see* Read, B.C. 120625
Conciauro, G., Arcioni, P., Bressan, M., Perregrini, L. Wideband modeling of arbitrarily shaped H-plane waveguide components by the "boundary integral–resonant mode expansion method" 93693
Conciauro, G. *see* Bressan, M. 65933
Concina, M. *see* Cociglio, M. 98966
Conde, C.A.N. *see* Dias, T.H.V.T. 80068
Conde, C.A.N. *see* dos Santos, J.M.F. 101016
Conde, C.A.N. *see* Rachinhas, P.J.B.M. 100867
Conde, C.A.N. *see* Rachinhas, P.J.B.M. 101015
Conde, C.A.N. *see* Veloso, J.F.C.A. 80045
Conde, C.A.N. *see* Veloso, J.F.C.A. 101021
Conde, H. *see* Ringbom, A. 69874
Conde, H. *see* Ringbom, A. 80134
Conde, J.F., Garcia-Martinez, A., Vina, A. Implementation of a hardware/software platform for real-time data-intensive applications in hazardous environments 82142
Conde, J.P., Silva, M., Chu, V. Study of doped-intrinsic interfaces in amorphous semiconductors using doping multilayers 94501
Conde, J.P., Silva, M., Chu, V., Gleskova, H., Vasanth, K., Wagner, S., Shen, D.S., Popovic, P., Grebner, S., Schwarz, R. In-plane photoconductivity in amorphous silicon doping multilayers 114720
Conde, J.P. *see* Brogueira, P. 72882
Conde, M. *see* Barov, N. 89644
Conde, M. *see* Colby, E. 90087
Conde, M. *see* Schoessow, P. 89708
Conde, P. *see* Deis, G. 106719
Conde, P.M.Gutierrez *see* Gutierrez Conde, P.M.
Conde, R., Depeursinge, C., Gisin, B., Gisin, N., Groebli, B. Refractive index profile and geometry measurements in multicore fibres 64670
Conde, R.F. *see* Frank, L.J. 80564
Conder, A.D. *see* Dunn, J. 100901
Cone, R.L. *see* Wang, G.M. 75411
Conecini, I., Hurdubetiu, S., Chiuta, I., Ioan, S. Study and computation of overvoltages on 400 kV overhead lines in the area of Bucharest network company 102199
Conejo, A. *see* Redondo, N.J. 90968
Conesa, J.L. Design challenges of high speed ATM communication ASICs 77835
Conesa, J.L. *see* Plaza, P. 99026
Conetta, D.A. *see* Karras, T. 69950
Conetta, D.A. *see* Wilson, D.C. 110749
Coney, L. *see* Baumbaugh, B. 89063
Coney, L. *see* Baumbaugh, B. 100882
Coney, R.G., Koeppe, P.F. Utility tests superconducting technology as part of power-quality program 80922
Coney, T. *see* Gargione, F. 109578
Confalonieri, P. *see* Crippa, C. 109505
Confalonieri, P. *see* Nicollini, G. 93563
Conflitti, D. *see* Jullien, G.A. 67340
Conforti, D., de Luca, L., Grandinetti, L., Musmanno, R. A parallel implementation of automatic differentiation for partially separable functions using PVM 92609
Conforti, D., Grandinetti, L., Triki, C. A parallel algorithm for the optimal power flows problem 91091
Conforti, E., Ho, S.H., Kang, S.-M.S. Optical power budget allocation in linear embedding and active delimitation electro-optic router network 99593
Conforti, E., Whitlock, B.K., Morikuni, J.J., Sung-Mo Kang Issues in the modeling of fiber optic systems 99539
Conforto, S. *see* Comani, S. 80393
Cong, H.N., Sene, C., Chartier, P. Poly(3–methylthiophene) structural change effect on characteristics of CdS(Al):PMeT photovoltaic junction 81905
Cong, H.Van *see* Van Cong, H.
Cong, J., Juan Labio, W., Shivakumar, N. Multiway VLSI circuit partitioning based on dual net representation 63863
Cong, J., Yean-Yow Hwang Structural gate decomposition for depth-optimal technology mapping in LUT-based FPGA design 82881
Cong, J. *see* Bambos, N. 98637
Cong, L., Albrecht, J.D., Cohen, D., Ruden, P.P., Nathan, M.I. Growth of (111)B-oriented resonant tunneling devices in a gas source molecular beam epitaxy system 82611
Cong, L., Albrecht, J.D., Nathan, M.I., Ruden, P.P. Piezoelectric effect in (001)- and (111)-oriented double-barrier resonant tunneling devices 74780
Cong, L. *see* Albrecht, J.D. 74320
Cong, L. *see* Xydeas, C.S. 66564
Cong, L.-F. *see* Zhao, Y.-G. 107323
Cong, N.H. Explicit parallel two-step Runge-Kutta-Nystrom methods 72682

Cong, S., Hong, L., Logan, M.W., Donohue, T.P., Wood, R.A. Bias phenomenon study/compensation for tracking algorithms 108372
Cong Ge *see* Ge Cong
Cong Li *see* Jiayin Qin 75801
Cong Ling *see* Ling Cong
Cong Wang, Guo Zhenming, Tang Jiaheng, Wei Wenxuan Application of digital-simulation to survivability assessing of warship power system 70782
Cong Wang *see* Wang Cong
Cong-De Tan *see* Jie-Xin Li 65556
Cong-Kha Pham, Tanaka, M., Shono, K. A simple 6-bit neural-based A/D converter employing only CMOS inverters 114011
Congeduti, F. *see* Cairo, F. 120757
Congjian Wang *see* Xianmin Zhang 85040
Congxia Zhang *see* Zhang Congxia
Congxuan Yu *see* Yu Congxuan
Conibeer, G.J., Willoughby, A.F.W., Hardingham, C.M., Sharma, V.K.M. Zinc diffusion in tellurium doped gallium antimonide 105166
Coniglione, R. *see* Bellia, G. 90238
Coniglione, R. *see* Bellia, G. 100996
Coninckx, F. *see* Zeneli, D. 111000
Coninx, K. *see* Van Reeth, F. 118566
Conkic, L. *see* Krmar, M. 80445
Conklin, J.C. *see* Forsberg, C.W. 121328
Conkling, C.R. *see* Oerter, B. 89620
Conley, J.P., Wilkie, S. An extension of the Nash bargaining solution to nonconvex problems 82391
Conley, R.W. *see* Sanchez, D.J. 96587
Conley, W., Breyta, G., Brunsvold, B., DePietro, R., Hofer, D., Holmes, S., Ito, H., Nunes, R., Fichtl, G., Hagerty, P., Thackeray, J. The lithographic performance of an environmentally stable chemically amplified photoresist (ESCAP) 105758
Conley, W. *see* Sturtevant, J. 105780
Conlon, M.F. *see* Chao, C. 112426
Conlon, P., Harrow, D., Page, C., Fisher, M., Lockett, P. Recognition of human arm gestures using machine vision 98260
Conn, A.R. *see* Reiser, B. 82334
Conn, D., Wu, H.X., Zhang, M. Full wave electromagnetic simulation of electrooptic high-speed probes 106856
Connan, J.C. *see* Bjorge, R.W. 81332
Conneely, A. *see* Flanagan, A. 114455
Connell, G.W. *see* Murray, B.A. 72214
Connell, J.J. Effects of an apparent space dust impact on a position sensing solid state detector aboard the Ulysses spacecraft 120177
Connelly, J. *see* Robson, I.A. 80857
Connelly, J.A. *see* Sandage, R.W. 116225
Connelly, J.A. *see* Thain, W.E., Jr. 61563
Connelly, J.D., Middleton, J.C.R. Personal and professional skills for engineers: one industry's perspective 72148
Conner, B., Velamuri, S., Mank, D. Low-power 6-bit column driver for AMLCDs 83189
Conner, B. *see* Leithead, W.E. 70755
Conner, C. *see* Chen, L. 81241
Conner, D. Reconfigurable logic: hardware speed with software flexibility 61715
Conner, D. Reconfigurable logic: built-in adaptability 104446
Conner, D. Fast and flexible: FIR filters in reconfigurable logic 104707
Conner, D. Reconfigurable logic. Hardware speed with software flexibility 113884
Conner, D. Wiring PCI performance from programmable logic 113895
Conner, D.A. *see* Hagler, M.O. 112764
Conner, J. *see* Covino, J. 73355
Conner, J. *see* Nguyen, P. 93317
Conner, K.A. *see* Kyung Choi 65956
Conner, K.F. *see* Baum, C.W. 66444
Conner, S. *see* Miller, M. 64614
Connerney, J.E.P. *see* Satoh, T. 98225
Conners, D. *see* Winn, R. 104954
Conners, D.N. *see* Levine, E.R. 90835
Conners, M.K. *see* Choi, H.K. 65333
Conners, M.K. *see* Choi, H.K. 96262
Conners, P. *see* Louge, M. 69449
Conners, R.W. *see* Drayer, T.H. 67147
Connick, T.J. *see* Alsop, D.C. 90381
Connie Hang *see* Crowley, J.D. 73705
Connolly, C. The relationship between colour metrics and the appearance of three dimensional coloured objects 117804
Connolly, J. *see* Barnham, K. 102982
Connolly, J. *see* Delfyett, P.J. 96231
Connolly, J. *see* Garbuzov, D. 96260
Connolly, J. *see* Griffel, G. 65387
Connolly, J. *see* Peigneux, J.P. 120164
Connolly, J.C. *see* Chao, C.-P. 96849
Connolly, J.C. *see* Garbuzov, D. 107246
Connolly, J.C. *see* Garbuzov, D.Z. 96243
Connolly, J.C. *see* Garbuzov, D.Z. 107326
Connolly, J.C. *see* Martinelli, R.U. 69364
Connolly, J.C. *see* Mawst, L.J. 107295
Connolly, J.C. *see* Nesnidal, M.P. 65311
Connolly, J.C. *see* Riris, H. 97878
Connolly, J.J., Jones, T.P., Kemp, W.R.G. Contributions of the NML (Australia) to the ITS-90 119936
Connolly, R. *see* Johnson, K.F. 89732
Connolly, R. *see* Rose, J. 100506
Connolly, R.C. *see* Johnson, K.F. 100583
Connolly, R.C. *see* Yuan, V.W. 89733
Connor, B. *see* Munz, H. 102571
Connor, S.D., Evanson, D. Automated extraction of matching parameters for bipolar transistor technologies 115161
Connors, D.P., Feigin, G.E., Yao, D.D. A queueing network model for semiconductor manufacturing 92173
Connors, D.P., Yao, D.D. Methods for job configuration in semiconductor manufacturing 92172
Connuck, D.M. *see* Sleva, M.Z. 90374
Conrad, B. *see* Bischoff, C. 90465
Conrad, C. *see* Latecki, L. 86801
Conrad, D.C. *see* Williams, P.A. 100350
Conrad, E., Muller, P., Kermani, A. RTCVD integrated processing for photovoltaic application 91751
Conrad, H. *see* Zhenfeng Guo 82178
Conrad, J. *see* Metzner, H. 104011
Conrad, J.R., Blanchard, J.P., Callen, J.D., Chapek, D., Chen, A., Dodd, R.A., Emmert, G.A., Fetherston, R.P., Firmiss, J., Hong, M.P., Horswill, N., Kissick, M., Malik, S., Marko, P.J., Maryi, R.J., Sridharan, K. Plasma source ion implantation: history, successes, failures, challenges, and future prospects 63249
Conrad, J.R. *see* Kissick, M.W. 63248
Conrad, P.T., Golden, E., Amer, P.D., Marasli, R. A multimedia document retrieval system using partially-ordered/partially-reliable transport service 87408
Conrad, P.T. *see* Marasli, R. 87790
Conrad, R. *see* Vasseghi, N. 73439
Conrad, S. *see* Xin, Q.-S. 92769
Conrad, T.R. *see* Shook, R.L. 82267
Conradi, J. Bandwidth reduced codes to overcome dispersion and electronic bottlenecks in high-speed systems 88511
Conradie, G. *see* Van Zyl, R.R. 114253
Conradie, M.G.H. Applications of NEC2 simulations in the HF and VHF frequency bands 117011
Conradie, M.G.H. The development of an experimental adaptive system 117087
Conradie, M.G.H. The development of a nullsteering VHF-FM whip array 117091
Conrado, L.F.M. *see* Koslinski, M.E.C. 99590
Conraux, P. *see* Petin, P. 96889
Conroy, B. *see* Sumner, M. 71778
Conroy, B.L. *see* Guo, H.Z. 62584
Conroy, G.H. Industrial application and results of two-stage grinding 82045
Conroy, R.S. *see* Matthews, D.G. 65173
Conroy, S. *see* Frenje, J. 100817
Consano, L. *see* Businaro, T.V. 103475
Considine, J. Thermal imaging for process and quality control 82294
Considine, L. *see* Corbett, B. 76031
Consiglio, G. *see* Coulson, D. 75466
Console, E., Mouchot, M.C. Fuzzy classification techniques in the urban area recognition 120736
Consoli, A., Musumeci, S., Raciti, A., Leotta, A., Nocera, U. Hybrid systems long term simulation 102596
Consoli, A., Oriti, G., Scarcella, G., Testa, A. Fuzzy control of a fast high-quality rectifier 121774
Consoli, A., Scarcella, G., Testa, A. Self synchronizing torque control of reluctance motor drives 121931
Consoli, A. *see* Bonanno, F. 102334
Consoli, A. *see* Musumeci, S. 112135
Consonni, G. *see* Sochtig, J. 64780
Consonni, S., Larson, E.D. Biomass gasifier/aeroderivative gas turbine combined cycles. I. Technologies and performance modeling 111808
Consonni, S., Larson, E.D. Biomass-gasifier/aeroderivative gas turbine combined cycles: part B–performance calculations and economic assessment 111809
Constable, J. *see* Anson, S. 83596
Constable, R.T. *see* Meyer, F.G. 86462
Constable, R.T. *see* Meyer, F.G. 101188
Constable, S., Cox, C.S. Marine controlled-source electromagnetic sounding. 2. The PEGASUS experiment 70466
Constable, S. *see* Flosadottir, A.H. 70465
Constant, E., Taranukhin, V., Stolow, A., Corkum, B.P. Measurement of the duration of high harmonic pulses 107517
Constant, E. *see* Stapelfeldt, H. 116601
Constantikes, K.T. *see* Claussen, E.D. 108648
Constantin, C. *see* Ionescu, M. 95442
Constantine, C. *see* Shul, R.J. 84187
Constantine, C. *see* Shul, R.J. 94782
Constantinescu, A. *see* Fernando, J.L. 80259
Constantinescu, F., Nitescu, M., Georgescu, A. A shooting method for the computation of the steady state in nonlinear circuits. 1. Theory 61586
Constantinides, A.G. *see* Ratnavel, S. 109440
Constantinides, A.G. *see* Rebollo Neira, L. 97729
Constantinides, A.G. *see* Xiaojian Xu 77510
Constantinidis, G. *see* Georgakilas, A. 113327
Constantinidis, G. *see* Lalinsky, T. 63556
Constantinof, C., Li, L., Niedzwiecki, A., Tempel, D., Wright, M. Considerations for ATM deployment in the telephony network 118299
Constantinou, N.C. *see* Bennett, C.R. 83925
Constantinou, N.C. *see* Tanatar, B. 63062
Constantinou, P., Lagoudakis, A. The Greek telecommunications policies and the EU directives 77814
Constantinou, P. *see* Aggelopoulos, E. 60526
Constantinou, P. *see* Kanatas, A.G. 88445
Constantinovici, L.D. *see* Van Alphen, J.C. 72237
Constapel, R., Shekar, M.S., Williams, R.K. Undamped inductive switching of integrated quasi-vertical DMOSFETs 105976
Conta, C. *see* Autiero, D. 69815
Conta, C. *see* Autiero, D. 80006
Contarino, V.M., Mullen, L., Herczfeld, P.R. Ocean LIDAR technology and applications 99669
Contarino, V.M. *see* Mullen, L. 79009
Contarino, V.m. *see* Mullen, L. 79013
Contarino, V.M. *see* Vieira, A.J.C. 64808
Contarino, V.M. *see* Vieira, A.J.C. 99659
Conte, A. *see* Busatto, G. 115170
Conte, A. *see* Heyder, R. 94654
Conte, E., Di Bisceglie, M., Galdi, C., Ricci, G. A procedure for measuring the coherence length of the sea texture 111250
Conte, E., Di Bisceglia, M., Lops, M. A clutter-map procedure for CFAR in Weibull environment 68607
Conte, E., Lops, M. MTD processing in compound-Gaussian clutter: New results 68618
Conte, E., Lops, M., Ricci, G. Adaptive matched filter detection in spherically invariant noise 99604
Conte, E. *see* Buzzi, S. 66640
Conte, G. *see* Kusian, W. 71718
Conte, G. *see* Tascini, G. 117793
Conte, M. *see* Barcaglioni, M. 103108
Conte, T.M. *see* Singla, A. 93082
Contellec, M.Le *see* Le Contellec, M.
Conti, C., Morandi, R. Piecewise C^1-shape-preserving Hermite interpolation 72589
Conti, D. A surface mount flexible circuit assembly for printed circuit board power and signal interconnects 114446
Conti, E. *see* Carugno, G. 100803
Conti, M., Gregori, E., Larsson, A. Study of the impact of MPEG-1 correlations on video-sources statistical multiplexing 108470
Conti, M., Gregori, E., Larsson, A. On the relevance of long term correlation in MPEG-1 video traffic 109156
Conti, M. *see* Beccherle, R. 80297
Conti, M. *see* Del Guerra, A. 101315
Conti, P., Audagnotto, P. Pseudomorphic HEMTs reliability with scattering and noise parameters 95057
Contiero, C. BCD technologies for VLSI smart power ICs 82935
Contiero, C., Galbiati, P., Palmieri, M., Vecchi, L. LDMOS implementation by large tilt implant in 0.6 μm BCD5 process, flash memory compatible 104329
Contiero, C. *see* Manzini, S. 105993
Contin, A. *see* Cacciari, M. 84698
Contin, A. *see* Lundin, M. 69805
Contini, F. *see* Menozzi, R. 114252
Conto, C.R. *see* Garshelis, I.J. 69062
Contofana, S. *see* Vassilladis, S. 113840
Conton, R. *see* Bolognani, S. 121959
Contractor, A.Q. *see* Lal, R. 119742
Contrata, W. *see* Ando, Y. 63783
Contreras, M. *see* Fernandez, A.M. 81893
Contreras, M.A., Tuttle, J., Gabor, A., Tennant, A., Ramanathan, K., Asher, S., Franz, A., Keane, J., Wang, L., Noufi, R. High efficiency graded bandgap thin-film polycrystalline Cu(In,Ga)Se$_2$-based solar cells 103009
Contreras, M.A. *see* Gabor, A.M. 92938
Contreras, M.A. *see* Nelson, A.J. 103011
Contreras, M.A. *see* Tuttle, J.R. 112339
Contreras, M.C., F.-Calleja, J., Gutierrez, O., Rivas, M., Krishnan, R. Coupling effects in Fe/CoNbZr and Fe/Ag/CoNbZr sandwiches studied by magneto-optical techniques 64371
Contreras, O. *see* Avalos-Borja, M. 104152
Contreras, O. *see* Hirata, G.A. 82717
Contreras, S. *see* Camassel, J. 104051
Contreras, S. *see* Syrkin, A.L. 103995
Contri, R. *see* Bell, W. 120174
Contu, S. *see* Mascolo, G. 66084
Convertino, A.L. *see* Di Dio, M. 83945
Convertino, G. *see* Branca, A. 97993
Convery, D.J., Lambert, G.D. Matching wedge field characteristics on different treatment machines 90581
Conway, A.E., Rosenberg, C. Weighted fair blocking mechanisms for discrete-time multiplexing 87606
Conway, B.E. Similarities and differences between supercapacitors and batteries for electrical energy storage 112204
Conway, J. *see* Fleming, J.S. 90315
Conway, N. *see* D'Auria, S. 116112
Conway, P.H., Yu, D.U.L. A high-speed radio-frequency digital-to-analog converter 93524
Conway, P.P. *see* Tilley, K.J. 60534
Conway, T., Nelson, J. VLSI design of a high speed soft decision Viterbi detector 73419
Coo-Young Jung *see* Chang-Joo Kim 99155
Cook, A. *see* Page, J. 97158
Cook, B.D. The near field of ultrasonic transducers (and how it pertains to acousto-optics) 90857
Cook, D.J., Gmytrasiewicz, P., Holder, L.B. Decision-theoretic cooperative sensor planning 119737
Cook, D.J., Holder, L.B. Sensor planning and coordination in multiagent systems 77139

Cook, G., Ridley, K.D. Investigation of the bandwidth dependent characteristics of stimulated Brillouin scattering using a modeless dye laser 107511
Cook, G. *see* Scott, A.M. 65447
Cook, G.G. *see* Khamas, S.K. 108027
Cook, G.G. *see* Waldron, R.J. 66110
Cook, J. *see* Chimiak, W.J. 111021
Cook, J. *see* Stewart, B.K. 109574
Cook, J.R. *see* Wolf, E.J. 82183
Cook, J.V. *see* Kyriou, J.C. 80522
Cook, J.W., Jr. *see* Boney, C. 85508
Cook, J.W., Jr. *see* Johnson, M.A.I. 72778
Cook, J.W., Jr. *see* Johnson, M.A.L. 72776
Cook, J.W., Jr. *see* Johnson, M.A.L. 82694
Cook, K. *see* Fiksel, J. 72379
Cook, L.M. *see* Sethuraman, A.R. 84236
Cook, L.M. *see* Shen, J.J. 74600
Cook, M.D. The use of innovative learning methods in a new university 60491
Cook, N.J. *see* Wang, Z.Q. 96771
Cook, R. *see* Addison, C. 87249
Cook, R.J., Gentle, D.G., McNair, P.A.C. Precise antenna metrology at NPL from 1 GHz to 100 GHz 76618
Cook, S.B. The information infrastructure: the key to precision marketing for a competitive telecommunications industry 87775
Cook, S.C. An investigation of the nature of man-made radio noise and its impact on HF link design 78343
Cook, S.C. Advances in high-speed HF radio modem design 99059
Cook, S.M., Lakshmi, C.S., See, J.B., Rice, D.M. The effects of geometrical and process variables on the quality of cast-on-strap joints 112259
Cook, W. The call of the voice market 67704
Cook, W.A. *see* Webb, M.S. 96697
Cooke, B., Schmitt, M., Goeller, R., Czuchlewski, S., Fuller, K., Olivas, N., Laubscher, B., Sander, R. CO_2 DIAL transmitter/receiver noise characterization and related correlated noise issues 109802
Cooke, B. *see* Schmitt, M. 109806
Cooke, B.J. *see* Borel, C.C. 108554
Cooke, G.H. *see* Sellami, S. 91546
Cooke, J. *see* Holstein, D. 93764
Cooke, P. *see* Folkes, P.A. 115242
Cooke, P. *see* Li Kam Wa, P. 63003
Cooke, P. *see* Lijun Zhu 116106
Cooke, P. *see* Paolella, A. 89106
Cooke, P. *see* Tait, G.B. 100013
Cooke, R.D. *see* Lea-Wilson, N.D. 67941
Cooke, S.J., He, W., Cross, A.W., Phelps, A.D.R. Experimental CARM operation at 150 Hz PRF 65006
Cooke, S.J., He, W., Cross, A.W., Phelps, A.D.R. Optimisation of the electron beam system of a second harmonic CARM 116292
Cooke, S.J. *see* Garven, M. 105048
Cookerly, D.H., Buckley, D.I., Boyle, E.J., Jr. Horizon: An architecture management and C^4I capabilities planning process for the United States Air Force 80712
Cooklev, T. *see* Sablatash, M. 77046
Cooklev, T. *see* Yoshida, T. 73556
Cookson, D.F. *see* Nugent, K.A. 120236
Cookson, L. *see* Sato, A. 109867
Cookson, M.S. *see* Feleppa, E.J. 90372
Cool, C. *see* Kraut, R.E. 67695
Coolen, E.F.J., West, M.J. Further development of a new form of pneumotachograph 101071
Coolen, F.P.A. On Bayesian reliability analysis with informative priors and censoring 92327
Cooley, D. *see* Sun, Y. 65707
Cooley, P.C., Turner, C.F., O'Reilly, J.M., Allen, D.R., Hamill, D.N., Paddock, R.E. Audio-CASI: hardware and software considerations in adding sound to a computer-assisted interviewing system 98858
Cooley, R. *see* Zule Xia 71730
Cooling, J.E. Methodology and CASE tools in real-time embedded systems 82114
Cools, A.R. *see* Praamstra, P. 101363
Cools, K. *see* Neefs, M. 98929
Cools, K. *see* Van Canneyt, M. 98943
Cooman, G.de *see* de Cooman, G.
Cooman, M.De *see* De Cooman, M.
Coombs, J.H. *see* Jongenelis, A.P.J.M. 74297
Coombs, R.C. *see* Baynham, D.E. 90035
Coon, R.M. *see* Harris, J.J. 104307
Cooney, T.G., Francis, L.F. Processing of sol-gel derived PZT coatings on non-planar substrates [for MEMS integration] 113410
Coonick, A. *see* Al-Mawsawi, S.A. 70770
Coonick, A. *see* Papantoniou, A. 121053
Coonick, A. *see* Soto, D. 121096
Coope, L.D. *see* Price, C.J. 82509
Cooper, A. Collaboration in research–the ALABC:Brite-EuRam lead/acid electric-vehicle battery project 112270
Cooper, A.B., Hughes, B.L. Mixed-rate multiuser codes for the T-user binary adder channel 66488
Cooper, A.L., Chubb, S.R., Kaiser, J.A.C. Issues surrounding surfactant effects upon radar imagery of convergent ocean surface flows with application to the Hi-Res I rip feature 111292
Cooper, A.L. *see* Chubb, S.R. 111289
Cooper, A.W. *see* Pieper, R.J. 67382
Cooper, C., Westwood, D.I., Blood, P. Laser diodes in piezoelectric quantum-well structures 116538
Cooper, C. *see* Blood, P. 96351
Cooper, C.A. *see* Perumalla, K.S. 108781
Cooper, C.B. *see* Al-Arashi, A.A. 91136
Cooper, C.B. *see* Putrus, G.A. 112067
Cooper, D.B. *see* Barzohar, M. 97883
Cooper, D.B. *see* Subrahmonia, J. 67366
Cooper, D.B. *see* Zhibin Lei 86422
Cooper, D.E., Carlisle, C.B., Riris, H., Warren, R.E., Martinelli, R.U. Point and remote sensing with near-infrared tunable diode lasers 69097
Cooper, D.E. *see* Motamedi, M.E. 100116
Cooper, D.E. *see* Riris, H. 97878
Cooper, D.E. *see* Riris, H. 110429
Cooper, D.E. *see* Stepp, D. 84703
Cooper, D.H. *see* Bauck, J. 119509
Cooper, D.L. Standardization of specifications for distributed power converter modules 71475
Cooper, E.M. *see* Montanaro, J. 73430
Cooper, G. *see* Wood, D. 74982
Cooper, G.W. *see* Ruiz, C.L. 69643
Cooper, G.W. *see* Ruiz, C.L. 69644
Cooper, G.W. *see* Ruiz, C.L. 110490
Cooper, J., Hombach, V., Schiavoni, A. Comparison of computational electromagnetic codes applied to a sphere canonical problem 110958
Cooper, J. *see* Hongching Shan 63334
Cooper, J.A., Jr. *see* Shenoy, J.N. 105516
Cooper, J.A., Jr. *see* Wang, Y. 74325
Cooper, J.A., Jr. *see* Wang, Y. 105923
Cooper, J.A., Jr. *see* Xie, W. 105922
Cooper, J.C. *see* Chon-Huat Goh 92519
Cooper, J.D., Evans, G., Hudson, J.T. Testing electricity meters for susceptibility to radio frequency interference 102312
Cooper, J.E. Optimal impulse excitation [flight flutter testing] 101477
Cooper, J.M. *see* Griffith, A. 79571
Cooper, L.F. Are you ready for ATM? 98395
Cooper, M., Keating, D. Implications of the emerging home systems technologies for rehabilitation 70248
Cooper, M. *see* Kelkar, N. 82349
Cooper, M. *see* Wernick, M.N. 101330
Cooper, M.D. *see* Chen, Y.K. 69865
Cooper, M.D. *see* Szymanski, J.J. 110589
Cooper, M.J. *see* Gregory, J.A. 106055
Cooper, N., Embury, L.D. Aluminium nitride: Gold interactions at film forming temperatures under normal atmospheric conditions 94116
Cooper, N., Embury, L.D. Metallisation of new high temperature stable negative temperature coefficient ceramic passive components 99953
Cooper, P.D., Piacente, P.A., Street, R.J. Multichip-on-flex plastic encapsulated MHDI–low cost substrateless manufacturing for microwave and millimeterwave modules 83476
Cooper, P.S. *see* Chen, Y.K. 69865
Cooper, P.S. *see* Szymanski, J.J. 110589
Cooper, R. *see* Carlsten, B.E. 89710
Cooper, R. *see* Wang, T. 89991
Cooper, R.A., Robertson, R.N., VanSickle, D.P., Boninger, M.L., Shimada, S.D. Projection of the point of force application onto a palmar plane of the hand during wheelchair propulsion 110944
Cooper, R.A. *see* VanSickle, D.P. 110947
Cooper, R.F. *see* Booske, J.H. 104175
Cooper, R.M. Automatic extraction and visualization of NEC-2 output data using MatNEC 107730
Cooper, S., Simmons, C., Truman, T. A double-barrel benefit from stress testing [PCB test] 114412
Cooper, S.B. Electronic-mail journals in teacher education 98619
Cooper, S.L. *see* Dua, P. 114760
Coopersmith, J. Texas politics and the fax revolution 108995
Cooray, F.R., James, G.L. Analysis of a folding lens scanning antenna 66097
Cooray, V. *see* Roman, F. 75013
Cootes, T.E., Taylor, C.J. Locating objects of varying shape using statistical feature detectors 67302
Cootes, T.F., Di Mauro, E.C., Taylor, C.J., Lanitis, A. Flexible 3D models from uncalibrated cameras 108413
Cootes, T.F., Page, G.J., Jackson, C.B., Taylor, C.J. Statistical grey-level models for object location and identification 108408
Cootes, T.F., Taylor, C.J. Locating faces using statistical feature detectors 117897
Cootes, T.F. *see* Edwards, G.J. 117905
Cootes, T.F. *see* Hill, A. 108415
Coots, J.F. *see* Ives, J.R. 90526
Coovert, R. *see* Barrow, W. 89272
Coowar, F. Carbonaceous materials as anodes in lithium batteries 81707
Cope, L. *see* Hedin, R. 70777
Cope, T. *see* Reddy, S. 113855
Copec, V. Telecommunication boards test methods 83576
Copel, M. *see* Sutherland, D.G.J. 84146
Copeland, D. Single-phase and boiling cooling of small pin fin arrays by multiple nozzle jet impingement 60630
Copeland, M. *see* Macedo, J. 118767
Copeland, M.A. *see* Long, J.R. 74822
Copeland, M.A. *see* Long, J.R. 115318
Copetti, M.I.M. *see* Blowey, J.F. 61120
Copithorne, B. Will intelligent surveillance replace reactive testing? 67682
Coppel, F. *see* Rogeaux, E. 62363
Coppens, A. *see* Michel, C. 90490
Coppens, A. *see* Sibomana, M. 101243
Coppersmith, D. Finding a small root of a univariate modular equation 76824
Coppersmith, D. Finding a small root of a bivariate integer equation; Factoring with high bits known 76826
Coppersmith, D., Feige, U., Shearer, J. Random walks on regular and irregular graphs 92490
Coppersmith, D., Franklin, M., Patarin, J., Reiter, M. Low-exponent RSA with related messages 76816
Coppersmith, D., Johnson, D.B., Matyas, S.M. A proposed mode for triple DES encryption 97457
Coppersmith, D., Phillips, S. On a question of Erdös on subsequence sums 92487
Coppi, A. *see* Bernabei, F. 108880
Coppinger, F., Maude, D.K., Gennser, U., Portal, J.C., Singer, K.E., Rutter, P., Taskin, T., Peaker, A.R., Wright, A.C. Universal conductance fluctuations in self-organising ErAs quantum trees 62929
Coppinger, F., Yegnanarayanan, S., Trinh, P.D., Jalali, B., Newberg, I.L. Nonrecursive tunable photonic filter using wavelength-selective true time delay 95940
Coppo, P. *see* Bonsignorio, M. 98967
Coppola, A. *see* Chrzanowska-Jeske, M. 93242
Coppola, A.J. PLD, complex PLD, and FPGA applications using VHDL 73282
Coppola, V.T. *see* Kai-Yew Lum 102627
Coppoolse, R., Verbeke, J., Lambrecht, P., Codenie, J., Vandewege, J. Comparison of a bipolar and a CMOS front end in broadband optical transimpedance amplifiers 93142
Coquillat, D. *see* Ribayrol, A. 74142
Coquille, P. *see* Pataut, G. 73771
Coquille, R. *see* Herve, D. 64885
Cora, S. *see* Francescon, P. 80296
Corae, P. Computation of power spectral density based on complex envelope for baseband signals 66790
Coraiola, A. *see* Hettstedt, H.-D. 99318
Coral, A. *see* Barbosa, F.R. 96066
Coral, C. *see* Rego, A.C.B. 99540
Corat, E.J. *see* Mendes de Barros, R.C. 113414
Coratger, R. *see* Girardin, C. 74692
Corazao, M.R., Khalaf, M.A., Guerra, L.M., Potkonjak, M., Rabaey, J.M. Performance optimization using template mapping for datapath-intensive high-level synthesis 93218
Corazza, D.J. *see* Keyworth, B.P. 94109
Corazza, G.E. On the MAX/TC criterion for code acquisition and its application to DS-SSMA systems 109456
Corazza, G.E., De Gaudenzi, R. Probability of error in the return link of a CDMA mobile satellite system 118886
Corazza, G.E., Degli-Esposti, V., Frullone, M., Passerini, C., Riva, G. Performance evaluation of space diversity in indoor communications using a ray-tracing propagation model 97108
Corazza, G.E. *see* Bosisio, A. 78616
Corazza, G.E. *see* Vatalaro, F. 99358
Corazza, G.E. *see* Vatalaro, F. 118843
Corazza, G.E. *see* Vatalaro, F. 118862
Corba, M., Ninkov, Z., Backer, B., Wu, M., Slawson, B. Preliminary results with a CID based photon counting system 98276
Corba, M. *see* Backer, B. 100118
Corbalan, M., Millan, M.S., Yzuel, M.J. Color image acquisition by charge-coupled device cameras in polychromatic pattern recognition 67385
Corbalan, M. *see* Millan, M.S. 117536
Corbalan, R., Chizhevsky, V.N., Pisarchik, A.N. Phase-dependent scaling law for signal amplification near period-doubling bifurcation 107122
Corbalan, R. *see* Chizhevsky, V.N. 107042
Corbalan, R. *see* Chizhevsky, V.N. 116332
Corbalan, R. *see* Kul'minskii, A. 116585
Corbato, S.C. *see* Bird, D.J. 110586
Corbel, C. *see* Fischer, F. 94721
Corbella, I. *see* Martin-Neira, M. 111184
Corbella, I. *see* Martin-Neira, M. 111288
Corbella, I. *see* O'Callaghan, J.M. 104809
Corbella, I. *see* Torres, F. 90756
Corbellini, U., Pelacchi, P. Corona losses in HVDC bipolar lines 91123
Corbet, K.S. Design for value maximization: putting a business lens on environmental activities 72229
Corbett, A.E., Mellors, C. Hybrid electric machines 91876
Corbett, B., Justice, J., Considine, L., Walsh, S., Kelly, W.M. Low-threshold lasing in novel microdisk geometries 76031
Corbett, B. *see* Bouche, N. 88609
Corbett, B. *see* McDonald, D. 96381
Corbett, F., Nordstrom, G., Groden, M. Design considerations for a multi-channel, laser radar receiver/processor 109807
Corbett, F. *see* Youmans, D.G. 109803
Corbett, F.J. *see* Eng, R.S. 107049
Corbett, F.M. Site assembly of power transformers–a situation review 81511
Corbett, J., Hettel, R., Keeley, D., Mostowfi, D. Digital orbit feedback compensation for SPEAR 100618
Corbett, J. *see* Hettel, R. 100619
Corbett, J.M. *see* Mohajerzadeh, S. 92702
Corbett, P.C. *see* Bergano, N.S. 88646
Corbett, P.C. *see* Evangelides, S.G., Jr. 109667

Corbett, W. *see* Tran, P. 120022
Corbiere, T., Lassere, V., Thomas, B., Hachad, S., Ecoffet, R., Duzellier, S. 0.6 μm CMOS technology with radiation tolerant features application to 8 K×16 dual port RAM and sea of gates 106219
Corbiere, T., Venturin, J.L. Investigations of dose rate effects on CMOS submicronic technologies 63932
Corbiere, T. *see* Gardic, F. 73387
Corbiere, T. *see* Gardic, F. 104555
Corbiere, T. *see* Lasserre, V. 106217
Corboline, T. *see* Bahuguna, R.D. 117530
Corby, N.R., Miller, P.D. Signal-processing challenges in magnetic source imaging systems 101091
Corcoran, D.T. *see* Weitkamp, W.G. 79785
Corcoran, F.L. *see* Dimolitsas, S. 108206
Corcoran, F.L. *see* Dimolitsas, S. 118698
Corcoran, P. *see* Mazarakis, M.G. 89601
Corcoran, T.J. *see* Botvich, D.D. 77580
Corda, P. *see* Angelucci, A. 66038
Corda, P. *see* Angelucci, A. 76667
Cordeiro, M. *see* Massaud, A.G. 111551
Cordell, P., Cox, C.E.M., Murphy, M.T. An audio codec design for a videoconferencing system using the Motorola DSP56156 98812
Cordell, R. *see* Gamelin, J. 88652
Cordella, L.P. *see* Arcelli, C. 67399
Corden, I., Kokkos, A. Mobile systems–the next generation 78397
Corden, M.J. *see* Adams, D. 69840
Corder, D.A., Evans, D.R., Tyrer, J.R. An intelligent maximum permissible exposure meter for safety assessments of laser radiation 112830
Cordero, C., Harris, D., Hsieh, J. High speed network for delivery of education-on-demand 87714
Cordes, A.H. *see* Green, E.D.H. 95922
Cordes, J.M., Sullivan, W.T., III Astrophysical coding: a new approach to SETI signals. I. Signal design and wave propagation 79105
Cordes, J.M. *see* Sullivan, W.T., III 79106
Cordier, C., Dehan, E., Scheid, E., Duverneuil, P. Semi-insulating properties control by CVD process modelling 72946
Cordier, C. *see* Guttich, U. 88235
Cordier, M., Geraniotis, E. Maximum likelihood sequence estimation for non-Gaussian band-limited channels 68042
Cordier, Y. *see* Ortion, J.M. 105630
Cordonnier, E. *see* Eichelberg, M. 109202
Cordos, E. *see* Roman, C. 69036
Cordova, S.R. *see* Mazarakis, M.G. 120048
Corell, R.J. How are semiconductor suppliers responding to the growing demand for automotive safety features? 71869
Coremans, G. *see* Andrioli, A. 120281
Corera, J. *see* Lasheras, F. 101874
Corey, G.P. Energy storage solutions for premium power 80813
Corey, J.M., Wheeler, B.C., Brewer, G.J. Micrometer resolution silane-based patterning of hippocampal neurons: critical variables in photoresist and laser ablation processes for substrate fabrication 101048
Cori, A. *see* Alippi, C. 110026
Coriasso, C. *see* Faustini, L. 106851
Coriasso, C. *see* Rigo, C. 61268
Coriasso, C. *see* Stano, A. 74581
Coric, B. *see* de Kock, N. 91677
Corini, S. *see* Sansoni, G. 66893
Corinthios, M.J. A weighted Z spectrum, parallel algorithm, and processors for mathematical model estimation 61522
Cork, C. *see* Beuville, E. 80191
Cork, C. *see* Beuville, E. 101239
Cork, C.P., Landis, D.A., Luke, P.N., Madden, N.W., Malone, D.F., Pehl, R.H. Encapsulation of germanium detectors for space flight 80072
Cork, C.P., Landis, D.A., Luke, P.N., Madden, N.W., Malone, D.F., Pehl, R.H. Encapsulation of germanium detectors for space flight 92254
Cork, C.P. *see* Gully, W.J. 111054
Corke, M. Fibre monitor and test system 119174
Corke, P.I. In situ measurement of motor electrical constants 91540
Corkish, R., Green, M.A. Junction recombination current in abrupt junction diodes under forward bias 105862
Corkum, B.P. *see* Constant, E. 107517
Corkum, P.B. *see* Stapelfeldt, H. 116601
Corlay, G. *see* Herve, D. 70544
Corless, R.F. *see* Borges, B.V. 99594
Corless, R.F. *see* Irby, J.H. 106454
Corless, R.F. *see* Zubrzycki, W.J. 65001
Corlett, J. *see* Barry, W. 100524
Corlett, J. *see* Barry, W. 100607
Corlett, J. *see* Byrd, J.M. 79897
Corlett, J. *see* Heifets, S. 89624
Corlett, J. *see* Johnson, J. 100690
Corlett, J. *see* Kunquan Sun 75151
Corlett, J. *see* Raubenheimer, T. 89853
Corlett, J. *see* Raubenheimer, T.O. 89662
Corlett, J. *see* Teytelman, D. 100523
Corlett, J.N. *see* Byrd, J.M. 100530
Corley, J.P. *see* Mazarakis, M.G. 89601
Corlier, M. *see* Marcouille, O. 96567
Cormier, J.-F. *see* Xiaonong Zhu 96163
Cormier, R. *see* Goia, D. 93960
Corn, B.W. *see* Das, I.J. 90578
Cornacchia, M. Setting-up networking environments in Human Factors Laboratory 77848
Cornacchia, M., Hofmann, A. Radiation damping partitions and RF-fields 79969
Cornacchia, M. *see* Neuffer, D. 96494
Cornacchia, M. *see* Neuffer, D.V. 79877
Cornacchia, M. *see* Tatchyn, R. 96526
Cornacchia, M. *see* Tran, P. 120022
Cornaglia, B., Spini, M. New statistical model for burst error distribution 88073
Cornaglia, B., Spini, M. SDH in digital satellite systems 99406
Corne, D. *see* Collingwood, E. 92564
Cornec, C.Le *see* Le Cornec, C.
Corneil, D. *see* Hutton, M. 83020
Cornejo, D.R., Missell, F.P., Gonzalez, J.M. Magnetic interactions in nanocrystalline SmFeCo 75133
Cornejo, I.A. *see* Haun, M.J. 115452
Cornelis *see* Brandt, D. 79971
Cornelis, J. *see* Lafruit, G. 77461
Cornelis, J. *see* Xin Yang 98003
Cornelis, K. *see* Alexahia, Y. 79968
Cornelis, K. *see* Bailey, R. 79964
Cornelis, K. *see* Brandt, D. 89824
Cornelis, K. *see* Faugier, A. 79947
Cornelis, K. *see* Faugier, A. 79948
Cornell, J. Philosophy for operation of distribution system automation schemes: ACTEW's approach 70897
Cornez, H. Alcatel 800: A secure radio terminal 99150
Cornfield, G.C. *see* Williamson, G.E. 70646
Cornford, S.L. *see* Newell, J.M. 104976
Cornic, P., Michel, A. From image fusion to algorithms cooperation 67044
Cornier, J.-F. *see* Piche, M. 76188
Cornil, J., Beljonne, D., dos Santos, D.A., Bredas, J.L. Poly(p-phenylene vinylene) as active layer in light-emitting diodes: a theoretical investigation of the effects of derivatization 75755
Cornil, J., Beljonne, D., dos Santos, D.A., Shuai, Z., Bredas, J.L. Towards a better understanding of polymer-based light-emitting diodes: a theoretical insight into the basic phenomena 96021
Cornil, Y. Design code models unconventional sources 107013
Cornilsen, B.C. *see* Shao, Y. 112196
Cornish, S.L. *see* Hopkinson, D.A. 65222
Cornman, J.M. Societal trends and emerging communications technology 67627
Corno, F., Prinetto, P., Rebaudengo, M., Sonza Reorda, M. A parallel genetic algorithm for automatic generation of test sequences for digital circuits 82888
Corno, F., Prinetto, P., Rebaudengo, M., Sonza Reorda, M. GATTO: a genetic algorithm for automatic test pattern generation for large synchronous sequential circuits 93223
Corno, F., Prinetto, P., Rebaudengo, M., Sonza Reorda, M., Mosca, R. Advanced techniques for GA-based sequential ATPGs 73233
Corno, F., Prinetto, P., Sonza Reorda, M. Self-checking and fault tolerant approaches can help BIST fault coverage: a case study 73343
Corno, F., Prinetto, P., Sonza Reorda, M. Fault tolerant and BIST design of a FIFO cell 113874
Corno, F. *see* Amendola, A.M. 113984
Corno, F. *see* Barbagallo, S. 104467
Corno, F. *see* Pignatta, R. 119007
Cornu, J.-P. Alkaline batteries: mass production and economics 103106
Cornu, T. *see* Ienne, P. 104765
Cornuejols, G. *see* Balas, E. 92530
Cornwell, T.J. *see* Napier, P.J. 66207
Cornwell, W.D., Andonovic, I. Interferometric noise for a single interferer: comparison between theory and experiment 99478
Cornwell, W.D. *see* Legg, P.J. 119183
Coromina, F., Ventura-Traveset, J., Corral, J.L., Bonnaire, Y., Dravet, A. New multibeam beamforming networks for phased array antennas using advanced MMCM technology 86004
Corominas, E., Tapia, J.M., Calderon, J.C., Paris, L. A VLSI implementation of a SMDS attachment unit over an ICI interface 118492
Corominas, E. *see* Calderon, J.C. 78311
Coron, N. *see* De Moor, P. 69800
Corona, K. *see* Udd, E. 81119
Corona, P., Ferrara, G., D'Agostino, F., Gennarelli, C., Riccio, G. An improved physical optics model for the evaluation of the field backscattered by triangular trihedral corner reflectors 116876
Corona, P., Ferrara, G., Migliaccio, M. Reverberating chambers as sources of stochastic electromagnetic fields 97192
Coronado, J.L. *see* Higuera, J.F.D. 66909
Coronado, M.J., Singh, A. Effect of sputtering time and RF power on the current voltage characteristics of amorphous (undoped) silicon films deposited on crystalline silicon by RF sputtering 94460
Coronel-Brizio, H.F., O'Reilly, F. EDF tests for the Gumbel distribution with estimated parameters from censored samples 103597
Corones, J., Pierce, B. Fiber optic sensors in the laser optical engineering technology laboratories at the Oregon Institute of Technology 79457
Coroy, T., Measures, R.M. Active wavelength demodulation of a Bragg grating fibre optic strain sensor using a quantum well electroabsorption filtering detector 110182
Corpuz, A. *see* Calvin, H. 106718
Corpuz, A. *see* Deis, G. 106719
Corrada, C.J. *see* Maric, S.V. 119187
Corrada, C.J. *see* Moreno, O. 68710
Corradetti, A., Leoni, R., Carluccio, R., Fortunato, G., Reita, C., Plais, F., Pribat, D. 1/f noise in polycrystalline silicon thin film transistors 84423
Corradini, M. *see* Agnello, M. 110583
Corrado, M.G. *see* Agosteo, S. 69583
Corral, C.A. Minimax algorithm for matrix inversion 113232
Corral, J.L. *see* Coromina, F. 86004
Corrales, C. *see* Fernandez-Pena, J. 74288
Corre, A.Le *see* Le Corre, A.
Corre, N.Le *see* Le Corre, N.
Correa, J.L. *see* Mendez, A.J. 90410
Correa, R.A. *see* Barroso, J.J. 73672
Correa, R.A. *see* Yovchev, I.G. 105025
Correa F, J.A., de'Oliveira, A.G., da Silva, M.I.N., Moreira, M.V.B., Ribeiro, G.M., Chacham, H. Temperature dependence of the equilibrium Hall concentration silicon planar-doped GaAs samples 62764
Correa Machado, A.M., Montegro Campos, M.F. An algorithm to compute function moments from boundary chain codes 98153
Correal, N.S. *see* Zahorian, S.A. 76911
Correc, P. Tunability of multisection DFB lasers 65351
Corredera, J.R.Casar *see* Casar Corredera, J.R.
Corredera, P., Campos, J., Pons, A., Corrons, A. Optical fibre power meter calibration method using an electrically calibrated pyroelectric radiometer as transfer standard 64683
Corredoura, P., Claus, R., Sapozhnikov, L., Schwarz, H., Tighe, R., Ziomek, C. Low level RF system design for the PEP-II B factory 100604
Corredoura, P. *see* Tighe, R. 100602
Corredoura, P. *see* Ziomek, C. 100914
Correia, A.M.C. Spread-spectrum to combat multipath induced intersymbol interference 99159
Correia, A.M.C., Albuquerque, A.A. FH-SSMA with band-efficient modulations over cellular fading channels 68147
Correia, C.M. *see* Morgado, A.M.L.S. 90217
Correia, C.M. *see* Morgado, A.M.L.S. 100946
Correia, C.M. *see* Simoes, J.B. 90210
Correia, C.M. *see* Simoes, J.B. 100943
Correia, C.M.B.A. *see* Simoes, P.C.P.S. 90229
Correia, C.M.B.A. *see* Simoes, P.C.P.S. 100964
Correia, J.G. Radioactive ion beams for solid state research 100767
Correia, L.M., Frances, P.O. Transmission and isolation of signals in buildings at 60 GHz 97113
Correia de Barros, M.T., Almeida, M.E., Dube, L. Inclusion of corona in the evaluation of surge propagation using EMTP 102153
Correia de Barros, M.T., Almeida, M.E., Dube, L., Stein, B. Interfacing with EMTP a general-purpose transmission line model 111616
Correia De Barros, M.T. *see* Almeida, M.E. 91211
Correia de Barros, M.T. *see* Almeida, M.E. 102213
Correia de Barros, M.T. *see* Fernandes, M. 112157
Correia de Barros, M.T. *see* Nucci, C.A. 111649
Correia de Barros, M.T. *see* Sousa, J. 111444
Correig, X. *see* Marsal, L.F. 74332
Correig, X. *see* Marsal, L.F. 105839
Correig, X. *see* Vilanova, X. 69346
Correig, X. *see* Vilanova, X. 110265
Correira, G. Approaching packaging as a system 82194
Correra, F.S. *see* Abrao, T. 98976
Corridoni, J.M., Del Bimbo, A., Landi, L. 3D object classification using multi-object Kohonen networks 67455
Corrie, L., Greenhut, D., Hazlehurst, R., Walker, R. Simulating the GPS constellation for high fidelity operator training 80708
Corrigan, D.A. *see* Gifford, P.R. 71668
Corrigan, D.A. *see* Venkatesan, S. 112584
Corrons, A. *see* Corredera, P. 64683
Corsetti, C. *see* Carney, J. 80713
Corsetti, E. *see* Botti, O. 91696
Corsi, C. Advanced infrared smart sensors 69233
Corsi, F., Marzocca, C., Martino, S. Assessing the quality level of digital CMOS ICs under the hypothesis of nonuniform distribution of fault probabilities 73185
Corsi, F. *see* Beole, S. 110562
Corsi, F. *see* De Sousa, J.T. 115307
Corsi, F. *see* De Venuto, D. 65598
Corsi, F. *see* De Venuto, D. 106158
Corsi, F. *see* De Venuto, D. 115313
Corsi, M. Current sensing schemes for use in BiCMOS integrated circuits 63963
Corsi, M., Suder, E.C., Tran, J.M., Hutter, L.N., Smith, J.P., Springer, L.X. The design and technology requirements of a 9-channel RS485 transceiver for ultra-SCSI applications 62050
Corsi, S. *see* Berizzi, A. 101979
Corsini, G., Manara, G., Monorchio, A. Simulation of RAR reflectivity maps of the sea surface for remote sensing applications 111240
Corsini, G. *see* Berizzi, F. 68658
Corsini, G. *see* Berizzi, F. 99607

Corsini, G. *see* Berizzi, F. 120717
Corsini, G. *see* Cipollini, P. 120876
Corsini, R. *see* Autin, B. 89669
Corsini, R. *see* Braun, H. 89667
Corsini, R. *see* Sochtig, J. 64780
Corso, F.Dal *see* Dal Corso, F.
Corso, V. *see* Neto, V.P. 93927
Corson, M.S. *see* Lee, J.G. 109495
Corsonello, P. *see* Cappuccino, G. 109744
Corsonello, P. *see* Cappuccino, G. 119307
Cortadella, J., Kishinevsky, M., Kondratyev, A., Lavagno, L., Yakovlev, A. Methodology and tools for state encoding in asynchronous circuit synthesis 83060
Cortadella, J. *see* Musoll, E. 73226
Cortadella, J. *see* Pastor, E. 73010
Corte, A.La *see* La Corte, A.
Corte, F.Della *see* Della Corte, F.
Corte, F.G.Della *see* Della Corte, F.G.
Cortelazzo, G., Deretta, G., Mian, G.A., Zamperoni, P. Normalized weighted Levensthein distance and triangle inequality in the context of similarity discrimination of bilevel images 67029
Cortes, A. *see* Sancha, J.L. 70815
Cortes, A. *see* Sancha, J.L. 101980
Cortes, E. *see* Vanfleteren, J. 114472
Cortes, J. *see* Wendel, M. 105825
Cortes, J.L. *see* Jodar, L. 113244
Corti, L., Miano, G., Verolino, L. A new technique for simulating nonlinear loaded lossy lines 65914
Corti, L., Miano, G., Verolino, L. Bifurcations and chaos in transmission lines 76513
Corti, M., Marini, S., Rigamonti, A., Massarotti, V., Capsoni, D. ^{7}Li nuclear magnetic resonance spectra and relaxation in Ni$_{1-x}$Li$_x$O 84770
Cortial, F., Ossart, F., Albertini, J.B. A new analytical scalar hysteresis model for thin film media 95380
Cortial, S. *see* Hugon, X. 69307
Cortigiani, B. *see* Giordano, H. 82627
Cortizo, P.C. *see* Donoso-Garcia, P.F. 121698
Corum, D., Chowdhury, R. Practical applications of backside silicon etching 94806
Corvasce, C., Scamarcio, G., Spagnolo, V., Lugara, M., Ferrara, M., Pellegrino, S., Del Giudice, M., Re, M.G. Strain and temperature profile in the cladding layer of operating InGaAs lasers measured by microprobe photoluminescence and Raman spectroscopy 107339
Corvi, M. *see* Addison, C. 87249
Corvin, C. SLAC synchronous condenser 89615
Cory, B. Pricing in electricity transmission and distribution 121049
Cory, B.J., Knight, U.G., Gabellone, L., Trovato, M. Towards a neural network based voltage stability assessment 70655
Cory, B.J. *see* Perera, B.L.P.P. 101935
Cory, B.J. *see* Strbac, G. 70746
Cory, W.K. *see* Neurgaonkar, R.R. 116087
Corzine, K.A., Sudhoff, S.D. A hybrid observer for high performance brushless DC motor drives 81943
Corzine, K.A. *see* Sudhoff, S.D. 112117
Corzine, S.W. *see* Schneider, R.P., Jr. 88588
Corzine, S.W. *see* Tan, R.T. 68516
Cosart, L.D., Peregrino, L., Tambe, A. Time domain analysis and its practical application to the measurement of phase noise and jitter 117413
Cosatto, E. *see* Cloutier, J. 61963
Cosby, D. *see* Rindos, A. 87298
Cosby, D. *see* Rindos, A. 109141
Cosby, M. *see* Truscott, P.R. 80080
Cosby, M. *see* Truscott, P.R. 100827
Cosemans, P., D'Olieslaeger, M., De Ceuninck, W., De Schepper, L., Stals, L. Study of the microstructure of IC interconnect metallisations using analytical transmission electron microscopy and secondary ion mass spectrometry 115030
Cosentino, R. *see* Bortoletto, F. 100137
Cosgrove, J.E. *see* Markham, J.R. 70619
Cosgrove, J.E. *see* Rosenthal, P.A. 95503
Cosi, V. *see* Romani, A. 90519
Cosier, G. *see* Usai, P. 99138
Cosimini, P. *see* Irvine, J. 117191
Cosimini, P. *see* Manzanedo, B.S. 109550
Coskun, O., Yildiz, C., Guney, K. The diffraction of plane wave from the edges of double impedance discontinuities on a flat plane 65802
Coskun, T.H. *see* Christodoulides, D.N. 116633
Coskun, T.H. *see* Zhigang Chen 116628
Cosler, A., Hothker, K., Kemmereit, E., Schurer, M., Bieger, W., Heuser, W. A rotating and radially sapping electrical double probe for TEXTOR 94 110006
Coslett, P. *see* Botti, O. 91696
Cosma, M. *see* Dobrota, V. 98798
Cosmas, J.P. *see* Crespo, P.M. 99357
Cosmas, J.P. *see* Panis, S. 67038
Cosmelli, C. *see* Castellano, M.G. 106698
Cosmi, F. *see* Rovetta, A. 90549
Cosnier, S. *see* Poyard, S. 119748
Cosoroaba, A.B. SDRAM — high performance memory devices running CPU bus speeds 104542
Coss, J.R. *see* Nichols, D.K. 63854
Cossairt, J.D. On residual dose rate within particle accelerator enclosures 120554
Cossalter, O., Dickmann, S., Eschler, J., Mlynski, D.A. The influence of Leslie's viscosity coefficients on the electro-optical response of liquid crystal displays 85125
Cossar, C. *see* Gribble, J.J. 121466
Cossmann, H., Griwodz, C., Grassel, G., Puhlhofer, M., Schreiber, M., Steinmetz, R., Wittig, H., Wolf, L. Interoperable ITV systems based on MHEG 87893
Cosso, R. *see* Benvenuti, C. 110483
Cosso, R. *see* Chiaveri, E. 100417
Cossutti, F., de Angelis, A., Dracos, M., Juillot, P., Kluit, P., Pages, P., Scuri, F. Tagging the s quark in hadronic decays of the Z 69730
Cossutti, F. *see* Botner, O. 69728
Costa, A., De Gloria, A., Olivieri, M. Hardware design of asynchronous fuzzy controllers 93291
Costa, A., Solimene, L. Liberalisation, universal service and interconnection 77823
Costa, C.I.A. *see* Lambert-Torres, G. 121820
Costa, D. *see* Sullivan, P.J. 73106
Costa, E., Silva Mello, L.A.R., Siqueira, G.L., Dhein, N.R., Einloft, C.M. Estimation of the parameters of a rain cell model from attenuation measurements in converging terrestrial links 97146
Costa, E. *see* Feroci, M. 69768
Costa, E. *see* Silva Mello, L.A.R. 97145
Costa, F. *see* Bettini, G. 109728
Costa, F. *see* Dinis, M. 109419
Costa, F. *see* Laboure, E. 121735
Costa, J., Roura, P., Canillas, A., Pascual, E., Morante, J.R., Bertran, E. On the structural origin of the photoluminescence in silicon powder produced in PECVD processes 94263
Costa, J. *see* Dragon, C. 82965
Costa, J. *see* Dragon, C. 83452
Costa, J. *see* Lovelace, D. 93869
Costa, J. *see* Ngo, D. 83496
Costa, J. *see* O'Droma, M. 99140
Costa, J.C.da *see* da Costa, J.C.
Costa, J.C.W.A., Giarola, A.J. Analysis and design of optical filters consisting of dielectric grating waveguides 95936
Costa, J.M.F.D., Silva, M.M. Small-signal models and dynamic performance of quasi-square-wave ZVS converters with voltage-mode and current-mode control 102826
Costa, J.P. *see* Pereira, M.V.F. 91064
Costa, L.Da Fontoura *see* Da Fontoura Costa, L.
Costa, L.S. *see* Zanetta, L.C., Jr. 111621
Costa, M., Dufey, J.-P., Letheren, M., Marchioro, A., McLaren, R., Paillard, C., Calvet, D., Djidi, K., Le Du, P., Mandjavidze, I., Gustafsson, L., Manabe, A., Nomachi, M., Lazrak, T., Lindblad, T., Tenunen, H., de Prycker, M., Pauwels, B., Petit, G., Verhille, H., Benard, M. Results from an ATM-based event builder demonstrator 100982
Costa, M., Dufey, J.-P., Letheren, M., Marchioro, A., McLaren, R., Paillard, C., Gustafsson, L., Manabe, A., Nomachi, M., Calvet, D., Djidi, K., Le Du, P., Mandjavidze, I., Lazrak, T., Lindblad, T., Tenunen, H., de Prycker, M., Pauwels, B., Petit, G., Verhille, H., Benard, M. Results from an ATM-based event builder demonstrator 90231
Costa, M. *see* Benotto, F. 69866
Costa, M.-C. *see* Chardaire, P. 108874
Costa, M.F.M. Surface inspection by an optical triangulation method 119883
Costa, M.H., Tavares, M.C., Richter, C.M., Castagno, L.A. Automatic analysis of electronystagmographic signals 101367
Costa, O.S.D.da *see* da Costa, O.S.D.
Costa, R.S.da *see* da Costa, R.S.
Costa, S. *see* Agnello, M. 110583
Costa, V. *see* Caniggia, S. 107931
Costa, V.Da *see* Da Costa, V.
Costa, W. *see* Miyaoka, R.S. 90425
Costa, W.L.S. *see* Miyaoka, R.S. 101341
Costa Freire, J. *see* Vaz, J.C. 62340
Costache, G.I. *see* Roczniak, A. 119570
Costache, G.I. *see* Xiao-Ding Cai 93989
Costamagna, E. Integration formulas for numerical calculation of the Schwarz-Christoffel conformal transformation 103772
Costamagna, E., Fanni, A. Conformal mapping analysis of microshield transmission lines 85923
Costamagna, E., Fanni, A., Giacinto, G. A simulated annealing algorithm for the optimization of communication networks 87512
Costamagna, E., Fanni, A., Marchesi, M. Modified TEM cell design using mixed simulated annealing-deterministic optimization 65919
Costamagna, E., Fanni, A., Marchesi, M. Lowering inner conductor surface charge density in optimized TEM cells 96891
Costamagna, E., Pellegrini, P.F. Railway cab signalling by track circuits and spread spectrum modulations 88260
Costamagna, P. *see* Antonucci, V. 81867
Costandache, D. *see* Baltag, O. 110121
Costantini, A. *see* Castellano, M.G. 106698
Costantini, F. *see* Avanzini, C. 90225
Costantini, F. *see* Avanzini, C. 100959
Costantini, M. *see* Cariolaro, G. 66255
Costantini, P., Manni, C. Monotonicity-preserving interpolation of nongridded data 82527
Costanzi, A. *see* Cariolaro, G. 68831
Costanzo, A. *see* Rizzoli, V. 62291
Costanzo, A. *see* Rizzoli, V. 73678
Costanzo, A. *see* Rizzoli, V. 114304
Costard, E. *see* Bois, Ph. 69180
Costard, E. *see* Gerard, J.M. 85549
Costard, E. *see* Liu, H.C. 63040
Coste, G. *see* Herve, D. 70544
Coste, O. *see* Poisson, F. 119957
Costela, A., Garcia-Moreno, I., Figuera, J.M., Amat-Guerri, F., Barroso, J., Sastre, R. Solid-state dye laser based on Coumarin 540A-doped polymeric matrices 107136
Costela, A., Garcia-Moreno, I., Figuera, J.M., Amat-Guerri, F., Mallavia, R., Santa-Maria, M.D., Sastre, R. Solid-state dye lasers based on modified rhodamine 6G dyes copolymerized with methacrylic monomers 116388
Costela, A., Garcia-Moreno, I., Figuera, J.M., Amat-Guerri, F., Sastre, R. Polymeric solid-state dye lasers: new Rhodamine 6G copolymers and terpolymers 96123
Costello, A.M., Varghese, G. Self-stabilization by window washing [protocols] 98469
Costello, D.J., Jr. *see* Fu-Quan Wang 66333
Costello, D.J., Jr. *see* Fu-Quan Wang 86038
Costello, D.J., Jr. *see* Levy, Y. 97549
Costello, D.J., Jr. *see* Perez, L.C. 66304
Costello, J. *see* Strack, D. 84215
Costello, K.A. *see* Williams, G.M., Jr. 79525
Costello, P. *see* Fawcett, B. 113856
Costen, N., Craw, I., Robertson, G., Akamatsu, S. Automatic face recognition: what representation? 67260
Costian, C.R., Marinescu, D.C. A distributed memory algorithm for 3-D FFTs 61131
Costic, M., Sullivan, J., Bryant, B., Shangguan, D. LCI for automotive electronic systems: substitution assessment of Ag-Sn for Pb-Sn solder at Ford Motor Company 72367
Costin, M. *see* Gertler, J. 103476
Costiner, S. *see* Bogdan Manolache, F. 116962
Costiner, S. *see* Manolache, F.B. 73657
Costs, L.A. *see* Soares, M.R. 121204
Cosulich, G., Firpo, P., Savio, S. RAM related performances of high speed railway multivoltage vehicles: a probabilistic approach based on stochastic reward nets 91912
Cosulich, G., Fracchia, M., Mariscotti, A. Neural network approach to cycloconverter faults diagnosis: availability point of view 91672
Cosulich, G., Fracchia, M., Mariscotti, A., Sciutto, G. Comparative dependability analysis of two synchrodrive ship propulsion systems 91904
Cotal, H.L. *see* Messenger, S.R. 103032
Cotal, H.L. *see* Walters, R.J. 81910
Cotal, H.L. *see* Waltersa, R.J. 121891
Cote, D., Nguyen, S., McGahay, V., Waskiewicz, C., Chang, S., Stamper, A., Weigand, P., Shoda, N., Matsuda, T. Process-induced gate oxide damage issues in advanced plasma chemical vapor deposition processes 106195
Cote, D. *see* Svob, L. 74164
Cote, W. *see* Ettinger, G.J. 110704
Coteus, P.W. *see* Deutsch, A. 62454
Cothren, R.M. *see* Davis, B.L. 80195
Cotner, C.B. *see* Jamshidi, S. 99445
Cotos, J., Rudnick, H., Gonzalez G., C.A. Restoration service economic schemes in power systems 101879
Cotronei, M., Salvato, G. A non-iterative method for the estimation of superquadric parameters from depth maps 98300
Cotta, M.A., De Carvalho, M.M.G., Pudenzi, M.A.A., Landers, K.M.I., De Souza, C.F., Martins, R.B., Landers, R., Teschke, O. Surface morphologies of Be-doped homoepitaxial InP films 103948
Cotta, M.A., de Mendonca, C.A.C., Ito-Landers, K.M., de Carvalho, M.M.G., Martin, R.B. Effect of kinetics on the nucleation of thin InAs films on InP by chemical beam epitaxy 103899
Cotta, M.A., Hamm, R.A., Chu, S.N.G., Hull, R., Harriott, L.R., Temkin, H. Kinetic roughening in molecular beam epitaxy of InP 82618
Cotta-Ramusino, A. *see* Baldanza, C. 69857
Cotta-Ramusino, A. *see* Baldanza, C. 100919
Cottam, M.G. *see* Rojdestvenski, I.V. 75178
Cottard, G. *see* Belkebir, K. 61505
Cotter, D. Nonlinear optics for future high-speed photonic networks 78932
Cotter, D. *see* Rogers, D.C. 78692
Cotter, J.E., Barnett, A.M., Ford, D.H., Goetz, M.A., Hall, R.B., Ingram, A.E., Rand, J.A., Ruffins, T.R., Thomas, C.J. Advanced Silicon-Film™ product development 112375
Cotterill, A.G. The management of aged oil-filled switchgear–the Shell Haven approach 71949
Cottevieille, C. *see* Herrmann, P.F. 103170
Cottevieille, C. *see* Verhaege, T. 81171
Cottingham, D.A. *see* Kowitt, M.S. 99705
Cottis, P.G., Vazouras, C.N., Kalamatianos, C., Kanellopoulos, J.D. Scattering of TM waves from a cylindrical scatterer buried inside a two-layer lossy ground with sinusoidal surface 97041
Cottle, R. *see* Apanovich, Y. 63522
Cottrell, D.M. *see* Davis, J.A. 65558
Cottrell, D.M. *see* Davis, J.A. 98009
Coucoulas, A. *see* Dautartas, M.F. 99506
Couderc, J.P. *see* Caquineau, H. 92823
Couderc, V., Barthelemy, A. Performance enhancement of a diode pumped YAG/Nd laser by mode locking with a nonlinear mirror 76098
Couderc, V. *see* Barthelemy, A. 65389
Coudert, O. Gate sizing: a general purpose optimization approach 73031
Coudert, O. On solving covering problems [logic synthesis] 83066

Coudert, O., Haddad, R., Manne, S. New algorithms for gate sizing: a comparative study 82883
Coudert, O., Shi, C.-J.R. Exact multi-layer topological planar routing 104254
Coudray, P., Chisham, J., Malek-Tabrizi, A., Li, C.-Y., Andrews, H., Najafi, S.I. UV-light imprinted sol-gel silica glass waveguide 1×8 beam splitter on silicon 95790
Coudray, P., Chisham, J., Malek-Tabrizi, A., Li, C.-Y., Andrews, M.P., Peyghambarian, N., Najafi, S.I. Ultraviolet light imprinted sol-gel silica glass waveguide devices on silicon 85041
Coudray, P. *see* Najafi, S.I. 95785
Coue, D., Wilson, G. CMOS subthreshold-mode I/V converter for analogue neural network applications 62089
Coue, D., Wilson, G. A four-quadrant subthreshold mode multiplier for analog neural-network applications 104749
Coufal, H. *see* Bernal, M.-P. 65569
Coufal, H. *see* Lundquist, P.M. 75413
Coufal, H. *see* Wortmann, R. 106757
Coughlin, A. *see* Fredericks, L.C. 93007
Couillard, J.G. *see* Qi Xiang 82701
Couillaud, C. *see* Haouat, G. 89994
Coull, L. *see* Rodriguez-Mateos, F. 90046
Coullard, C.R., Hellerstein, L. Independence and port oracles for matroids, with an application to computational learning theory 92476
Coulomb, J.-L., Zgainski, F.X., Marechal, Y. A pyramidal element to link hexahedral, prismatic and tetrahedral edge finite elements 103792
Coulomb, J.-L. *see* Nabeta, D.I. 102674
Coulomb, J.-L. *see* Nabeta, S.I. 71285
Coulomb, J.-L. *see* Zgainski, F.-X. 65635
Coulomb, J.-L. *see* Zgainski, F.-X. 65638
Coulomb, J.-L. *see* Zgainski, F.-X. 92648
Coulomb, J.L. *see* Dreher, T. 71249
Coulomb, J.L. *see* Eustache, P. 65645
Coulomb, J.L. *see* Migliano, A.C.C. 106629
Coulomb, J.L. *see* Petin, P. 96889
Coulomb, J.L. *see* Saldanha, R.R. 107803
Coulomb, M. *see* Ferretti, G. 120384
Coulon, P.-Y. *see* Caplier, A. 117655
Coulon, R. *see* Brinkley, A. 72310
Coulon, R. *see* Pollock, D. 72374
Coulson, D., Clarke, K., Gibbs, E., Keon, B., Kruijshoop, A., Bettiol, A., Consiglio, G., Kiss, L. A novel technique for relating OTDR features in optical fibre cables to precise geographical position 75466
Coulson, G. *see* Robin, P. 118588
Coulter, K.P. *see* Jones, C.E. 110529
Coulton, P., Honary, B. Synchronisation obtained from trellis decoding 86055
Coulton, P. *see* Arani, F. 76766
Couluzza, C. *see* Bouvet, D. 63291
Counio, G. *see* Chamarro, M.A. 74229
Counsell, J. *see* Williams, K. 118313
Counterman, R. *see* Man Li 118141
Coupal, D. *see* Adams, D. 69840
Coupet-Grimal, S. *see* Allemand, M. 73243
Coupez, J.P. *see* Diouris, J.F. 68124
Coupez, J.P. *see* Hettak, K. 62203
Coupez, J.P. *see* Sheta, A.F. 83320
Coupez, J.P. *see* Stephan, L. 83468
Coupez, J.Ph. *see* Hettak, K. 93661
Coupland, J. *see* Rothberg, S. 79720
Couprie, M.E., Bakker, R., Garzella, D., Nahn, L., Marsi, M., Merola, F., Hara, T., Billardon, M. Source challenges resulting from the first applications of a UV storage ring FEL on Super-ACO 107397
Couprie, M.E. *see* Garzella, D. 96463
Couprie, M.E. *see* Hama, H. 96460
Couprie, M.E. *see* Hara, T. 76048
Couprie, M.E. *see* Hara, T. 96477
Courant, E.D. *see* Caussyn, D.D. 119984
Courant, E.D. *see* Phelps, R.A. 119990
Courant, H. *see* Wu, J. 110619
Courant, J.L. *see* How Kee Chun, L.S. 105614
Courbebaisse, G. Characterization of injection system by time-frequency analysis 66662
Courbet, C. *see* Achouche, M. 84488
Courboulex, F., Virieux, J., Deschamps, A., Gibert, D., Zollo, A. Source investigation of a small event using empirical Green's functions and simulated annealing 90750
Courcy, M.De *see* De Courcy, M.
Courjon, D. *see* Almeida, J. 114815
Cournoyer, A.J., Ralston, W.T. Modem development using the SPOX real-time multitasking operating system 98937
Cours, A. *see* Russell, T.J. 100478
Cours, A. *see* White, M. 89764
Court, G.R., Houlden, M.A. Review of nonlinear corrections in CW Q-meter target polarisation measurements 120110
Court, G.R. *see* Luppov, V.G. 120085
Courtade, F. *see* Perez, G. 94906
Courtaud, M. Research into new reactors 121323
Courteille, P. *see* Toschek, P.E. 119517
Courtemanche, G. *see* Jousse, D. 89335
Courtney, C. *see* Slemp, D. 104838
Courtney, D.A. *see* Littler, T.B. 90936
Courtney, M.S. *see* Barthelmie, R.J. 102567
Courtois, B. Some trends in CAD, test and fabrication of circuits and systems 74787
Courtois, B. *see* Karam, J.M. 74881
Courtois, B. *see* Mir, S. 79247
Courtois, B. *see* Mir, S. 93608
Courtois, B. *see* Mir, S. 104679
Courtois, B. *see* Poppe, A. 72218
Courtois, B. *see* Szekely, V. 115338
Courtois, D. *see* Delahaigue, A. 70516
Courtois, D. *see* Hong-Shuo Li 64239
Courtoy, M. Rapid prototyping for communications design validation 109365
Cousin, P., Landrac, G., Toutain, S., Delmas, J.J. Calculation of the focal field distribution and radiation pattern of a parabolic antenna with Fresnel zones 66083
Cousinou, M.C. *see* Abbes, M. 90145
Coutand, F., Garnero, L., Fongroget, J. Anatomical data fusion for quantitative reconstruction in cardiac tomoscintigraphy using a spline model of the organs of the thorax–improved quantitation in images 70071
Coutat, P. More on continuous closed convex sets 60901
Coutaz, J., Berard, F., Crowley, J.L. Coordination of perceptual processes for computer mediated communication 117886
Coutaz, J. *see* Crowley, J.L. 117775
Couteaux, P. *see* Marbot, R. 78055
Coutin, L. *see* Brochard, J. 67453
Couto, C., Higino, J. Smart load cells based on switched-capacitors 99893
Couto, C.M., Martins, J.S. Multi-mode microcontroller based PWM modulator suitable for fast vector control 71786
Coutsias, E.A., Hagstrom, T., Torres, D. An efficient spectral method for ordinary differential equations with rational function coefficients 61035
Coutts, D.W. *see* Brown, D.J.W. 116386
Coutts, R., Henderson, W. Telecommunications research at the University of Adelaide 98528
Coutts, T.J., Wu, X., Mulligan, W.P., Webb, J.M. High-performance, transparent conducting oxides based on cadmium stannate 94373
Coutts, T.J. *see* Gessert, T.A. 91731
Coutts, T.J. *see* Wanlass, M.W. 103038
Couture, J., Boily, E., Simard, M.-A. Sensor data fusion of radar, ESM, IFF and data LINK of the Canadian Patrol Frigate and the data alignment problems 111410
Couture, J. *see* Simard, M.-A. 111421
Coutures, J.-L., Lemaitre, R., Pourquier, E., Boucharlat, G., Tribolet, Ph. Uncooled infrared monolithic imaging sensor using pyroclectric polymer 69308
Coutures, J.L. *see* Leconte, J. 69315
Couturier, J., Harmand, J.C., Voisin, P. Investigation of low power all-optical bistability in an InGaAs-InAlAs superlattice 65515
Couturier, S., de Resseguier, T., Hallouin, M., Romain, J.P., Bauer, F. Shock profile induced by short laser pulses 89515
Couvert, J.M. *see* Szelag, M. 99725
Couvreur, C., Bresler, Y. Modeling and estimation for Doppler-shifted Gaussian random processes 117472
Couvreux, J., Hess, C. Mosco approximation of integrands and integral functionals 82502
Couweleers, F.C. *see* Horijon, J.I. 114405
Couweleers, F.C. *see* Horijon, J.L. 73869
Couzi, M. *see* Cardinal, T. 96732
Couzy, W. *see* Pinelli, A. 60962
Cova, B. *see* Baratella, P. 101712
Cova, J.dela *see* dela Cova, J.
Cova, P., Menozzi, R., Lacey, D., Baeyens, Y., Fantini, F. Hot electron degradation effects in $Al_{0.25}Ga_{0.75}As/In_{0.2}Ga_{0.8}As/GaAs$ PHEMTs 62253
Cova, P. *see* Meneghesso, G. 62255
Cova, P. *see* Meneghesso, G. 63759
Cova, P. *see* Menozzi, R. 115252
Cova, P. *see* Resplandor, R. 94907
Cova, P. *see* Serrano, D. 94489
Cova, S., Ghioni, M., Lacaita, A., Samori, C., Zappa, F. Avalanche photodiodes and quenching circuits for single-photon detection 69116
Cova, S. *see* Lacaita, A. 85275
Cova, S.D. *see* Zappa, F. 79404
Covaci, S. *see* Tianning Zhang 87597
Covell, M. Eigen-points: control-point location using principal component analyses 117887
Coverdale, G.N. *see* Por, P.T. 106487
Coverdale, G.N. *see* Warren, A.P. 106492
Coverstone-Carroll, V.L. *see* Selig, M.S. 81361
Coville, G. The challenges of CTI: Package or bespoke integration 67705
Covington, B. *see* Gannon, A. 63016
Covino, J., Conner, J., Evans, D., Roberts, A., Robillard, M., Sousa, J., Temullo, L., Jr A 2 ns zero wait state, 32 kB semi-associative L1 cache 73355
Covitti, A. *see* Cannistra, C. 102711
Covitz, W. *see* Chimiak, W.J. 110725
Covrig, M., Cistelecan, M., Kisch, D., Ionita, C. The analysis of the performance effect, imposed on an asynchronous motor, on the equivalent diagram parameters 81436
Covrig, M. *see* Cisteiecan, M. 121438
Covrig, M. *see* Togui, L. 121475
Cowache, C., Dieny, B., Chambered, A., Benizri, D., Berthet, F., Auffret, S., Giacomoni, L., Nossov, S. Magnetic and transport properties of NiFe/Ag and Co/NiFe/Co/Ag multilayers 84815
Cowache, C. *see* Dieny, B. 75205
Cowache, P. *see* Guillemoles, J.-F. 61316
Cowan, C. *see* Cen, S. 119405
Cowan, C.F.N. *see* Anthony, D.K. 68712
Cowan, C.F.N. *see* Zerguine, A. 107951
Cowan, P.M., McAllister, D.W. Supporting load voltage during supply systems faults 71951
Cowden, W.G. *see* Li-Hsin Chang 94650
Cowell, R. Durable optical coatings for energetic UV laser sources 106738
Cowen, A. *see* Dhuler, V. 106288
Cowen, A. *see* Markus, K.W. 74872
Cowen, A. *see* Markus, K.W. 106286
Cowen, L.J., Mathar, R. The offset problem 99111
Cowern, N. *see* Hueting, R.J.E. 84318
Cowern, N.E.B. *see* Hueting, R.J.E. 105894
Cowern, N.E.B. *see* Huizing, H.G.A. 94668
Cowle, G.J., Stepanov, D.Yu. 10 GHz optical comb generation with a novel Brillouin/erbium fibre laser 88634
Cowle, G.J., Stepanov, D.Yu. Hybrid Brillouin/erbium fiber laser 96152
Cowle, G.J. *see* Chieng, Y.T. 75858
Cowle, G.J. *see* Stepanov, D.Y. 75859
Cowle, G.J. *see* Yew Tai Chieng 85391
Cowles, J., Tran, L., Block, T., Streit, D., Oki, A. A 140 GHz f_{max} InAlAs/InGaAs pulse-doped InGaAlAs quaternary collector HBT with a 20 V BVceo 63613
Cowles, J. *see* Block, T.R. 84345
Cowles, J. *see* Tran, L. 93938
Cowles, J.C. *see* Huei Wang 114320
Cowles, J.C. *see* Kobayashi, K.W. 62322
Cowley, A. Plasma ashing without charge 94779
Cowley, A. Characterisation of a GaSonics A 1000 Microwave photoresist ashing system using the CHARM-2 plasma charging monitor 105753
Cowley, N.J. *see* Wan, J.K.S. 71904
Cowley, P.H. *see* Pearce, R. 111795
Cowsar, L.C., Dupont, T.F., Wheeler, M.E. A priori estimates for mixed finite element approximations of second-order hyperbolic equations with absorbing boundary conditions 61105
Cox, A. *see* Dobson, S.J. 89147
Cox, A. *see* Weimin Yu 87417
Cox, A.J. *see* Chen, Y.P. 93148
Cox, A.K. The generation game—a view of the future of personal communications 78395
Cox, A.M., Blackburn, R.D., West, D.P., King, T.A., Wade, F.A., Leigh, D.A. Crystallization-resistant photorefractive polymer composite with high diffraction efficiency and reproducibility 64597
Cox, A.W., Garmestani, H., Markiewicz, W.D., Dixon, I.R. Power series stress analysis of solenoid magnets 95586
Cox, B. *see* Chau, S.N. 80566
Cox, B. *see* Kleinman, B. 61745
Cox, C., Schaer, K., Mobley, C. Fast distributed EM computation for PET image reconstruction using ordered subsets 101208
Cox, C. *see* Knox, M. 97623
Cox, C.D. *see* Triebes, K.J. 64867
Cox, C.E.M. *see* Cordell, P. 98812
Cox, C.H., III Techniques and applications of analog fiber optic links 88624
Cox, C.H., III, Ackerman, E.I., Betts, G.E. Relationship between gain and noise figure of an optical analog link 99501
Cox, C.S. *see* Constable, S. 70466
Cox, D.C. *see* Akyol, B.A. 88279
Cox, D.C. *see* Daeyoung Kim 86204
Cox, D.C. *see* Wong, P.B. 109454
Cox, D.D. *see* Narayanan, R.M. 65844
Cox, D.G. *see* Chambers, G.C. 72381
Cox, G. *see* Barov, N. 89644
Cox, G. *see* Schoessow, P. 89708
Cox, G.S. *see* Dietz, K.H. 72328
Cox, I.J., Ghosn, J., Yianilos, P.N. Feature-based face recognition using mixture-distance 86384
Cox, I.J., Kilian, J., Leighton, T., Shamoon, T. A secure, imperceptible yet perceptually salient, spread spectrum watermark for multimedia 109258
Cox, J.A. Application of diffractive optics to infrared imagers 69271
Cox, J.A. Replicated hybrid optics for display applications 100194
Cox, J.D. *see* Walker, C.W., Jr. 71616
Cox, J.N. *see* Zhang, S. 60689
Cox, M.E., Dixon, C.S., Richards, G. The potential of DGPS for aircraft height monitoring in the upper airspace 79082
Cox, N. *see* Numajiri, K. 104155
Cox, R., Oravetz, D., Krehnovi, R. Monitoring power quality–use a portable device or a systems approach? 91078
Cox, S.E. *see* Halliday, D.P. 94317
Cox, S.M., Ogden, C. Liquid crystal polymer high performance circuits 104956
Cox, S.M., Ogden, C. Liquid crystal polymer high performance circuits 114443
Cox, T.I. *see* Canham, L.T. 94267
Cox, T.J. Designing curved diffusers for performance spaces 79764
Cox, W.R., Chen, T., Ussery, D.W., Hayes, D.J., Hoenigman, R.F., MacFarlane, D.L., Rabinovich, E. Microjet printing of anamorphic microlens arrays 96583
Coxon, B. *see* Brown, C. 111646
Coy, R.A. *see* McKee, W.R. 93387
Coyle, P. *see* Abe, K. 69708
Coyle, P. *see* Abe, K. 69726
Coyle, P. *see* Mours, B. 100821

Coyle, P. *see* Mours, B. 120196
Coyne, D. *see* Abe, K. 69708
Coyne, D. *see* Abe, K. 69726
Coyne, D.C. The Laser Interferometer Gravitational-Wave Observatory (LIGO) project 85782
Cozel, V.M. *see* Cherdyntsev, V.A. 108379
Cozzi, A.F., Cozzi, L., Garavaglia, G. Wedge factors: dependence on depth and field size 90587
Cozzi, L. *see* Cozzi, A.F. 90587
Cozzi, S. *see* Larciprete, R. 113324
Cozzolino, J. *see* Greene, A. 90033
Cozzolino, J. *see* Gupta, R. 90038
Crabb, D.G. *see* Dhawan, S.K. 79986
Craciunoiu, F. *see* Caldararu, M. 69035
Craciunoiu, F. *see* Cristea, L. 64778
Craddock, G.G. *see* Batishcheva, A.A. 82555
Craddock, I.J. *see* Railton, C.J. 114337
Craddock, J., Railton, C.J. A novel finite-difference time-domain algorithm incorporating correction coefficients for curved boundaries 72733
Craddock, M.K. *see* Kaltchev, D. 89823
Craddock, W. *see* Fabbricatore, P. 90191
Craddock, W. *see* Kwok, P. 89918
Craenenbroeck, T.Van *see* Van Craenenbroeck, T.
Craford, M.G. Visible light emitting diode technology: high performance, more colors, and moving into incandescent lamp applications 106995
Craford, M.G. Visible light emitting diode technology: high performance, more colors, and moving into incandescent lamp applications 116278
Craford, M.G. *see* Chen, C.H. 92710
Craft, D.C. *see* Carson, R.F. 68411
Craft, D.C. *see* Carson, R.F. 116288
Craft, D.C. *see* Lovejoy, M.L. 119227
Craft, S.A. *see* Wilcoxon, J.P. 120249
Cragg, D.A. *see* Baynham, D.E. 90035
Cragg, D.A. *see* Fabbricatore, P. 90191
Crahay, A. *see* Colinge, J.P. 105980
Crahay, P. *see* Jaunart, E. 67939
Crahay, P. *see* Jaunart, E. 118672
Craievich, D., Bovik, A.C. A stereo VPIC system 77434
Craig, A.D., Moore, P.M., Long, C.D. Experience with a high speed MV/LV power line communications system for remote metering, load control and network automation 102071
Craig, A.D., Moore, P.M., Long, C.D. High-speed MV/LV power line communications system for remote metering, load control and network automation 111474
Craig, A.D., Petz, F.A. Payload digital processor hardware demonstration for future mobile and personal communications systems 88406
Craig, A.D. *see* Leong, C.K. 119112
Craig, A.E. *see* Gorbounova, O. 65439
Craig, B. *see* Nighan, W.L., Jr. 65118
Craig, B.B., Nighan, W.L., Jr. Powerful solid-state lasers steal ion's thunder 75877
Craig, B.I., Watson, R.J., Unewisse, M.H. Anisotropic excess noise within a-Si:H 83868
Craig, B.I. *see* Unewisse, M.H. 69149
Craig, B.I. *see* Unewisse, M.H. 79430
Craig, G. *see* Yaworski, H.G. 121215
Craig, J. CE marking time [LV power cable standards] 102156
Craig, K. *see* Unterrainer, K. 105399
Craig, L.M., Jenkins, N. Impact of a medium sized wind turbine on a weak rural network 102583
Craig, L.M. *see* Saad-Saoud, Z. 102585
Craig, P. *see* Garvey, D.W. 85657
Craig, R., Gignac, B. High-power 980-nm pump lasers 76012
Craig, R. *see* Nagarajan, R. 78835
Craig, R. *see* Nagarajan, R. 88570
Craig, R. *see* Nagarajan, R. 109607
Craig, R.A. *see* Bliss, M. 79453
Craig, R.A. *see* Bliss, M. 79995
Craig, R.A. *see* Bliss, M. 79998
Craig, R.C. *see* Nagarajan, R. 99475
Craig, R.R. *see* Lang, R.J. 75995
Craig, S.T. *see* Drewell, N.H. 100760
Craighead, H.G. *see* Lercel, M.J. 94863
Craighead, H.G. *see* McNabb, J.W. 63554
Craighead, H.G. *see* Qi Xiang 82701
Crain, B., Jr. *see* Anspach, D.A. 119264
Crain, W.R. *see* Koga, R. 73390
Crain, W.R. *see* Koga, R. 104556
Crain, W.R. *see* Nichols, D.K. 63854
Craine, B.L., Craine, E.R. Microcomputer based instrument for measuring a novel pulmonary function test 101075
Craine, E.R. *see* Craine, B.L. 101075
Crainic, E.D. *see* Lagace, P.J. 102267
Craiu, O. *see* Badea, E.A. 106708
Craiu, O. *see* Dan, N. 81381
Craiu, O. *see* Fireteanu, V. 65752
Cramariuc, R. *see* Marghitu, S. 100763
Cramer, C., Gelenbe, E. Massive neural video compression with temporal subsampling 108169
Cramer, C., Gelenbe, E., Bakircloglu, H. Low bit-rate video compression with neural networks and temporal subsampling 117596
Cramer, C., Gelenbe, E., Bakircioglu, I. Video compression with random neural networks 108727
Cramer, C. *see* Schubert, M. 119916
Cramer, E., Bock, H.H. Continuous-time Markov chains and compound Poisson processes with circulant intensity matrices 92437
Cramer, E.N. Does America need nuclear energy? 81228
Cramer, J.M., Stevels, A.L.N. A model for the take-back of discarded consumer electronics products 60753
Cramer, J.M., Stevels, A.L.N. A model for the take-back of discarded consumer electronics products 103524
Cramer, M.R. Operational considerations in improving access to Juneau, Alaska 70428
Cramer, R., Damgard, I. New generation of secure and practical RSA-based signatures 97500
Cramer, R., Franklin, M., Schoenmakers, B., Yung, M. Multi-authority secret-ballot elections with linear work 76821
Cramer, R.M. *see* Heiderhof, R. 110351
Cramm, S. *see* Schlebusch, C. 64899
Crampton, A. *see* Stark, D. 108972
Cranatstein, V.L. *see* Cheng, S. 65008
Crandall, C.M. Spatial light modulator technology overview; current concepts and commercially available devices 75579
Crandall, C.M. Low cost, full color, high resolution imaging with ferroelectric color filter 79536
Crandall, C.M. *see* Wright, H. 75667
Crandall, K.R. *see* Swenson, D.A. 79920
Crandall, P.S., Stearns, C.W. A scalable multiprocessor implementation of the reprojection algorithm for volumetric PET imaging 101157
Crandall, R.S., Schiff, E.A. The correlation of open-circuit voltage with bandgap in amorphous silicon-based pin solar cells 112344
Crandall, R.S., Schiff, E.A. The correlation of open-circuit voltage with bandgap in amorphous silicon-based pin solar cells 112373
Crandall, R.S. *see* Lips, K. 94409
Crandall, R.S. *see* Mahan, A.H. 112341
Crandall, R.S. *see* Vanecek, M. 94402
Crandall, R.S. *see* Wang, Q. 112372
Crandell, D.A., Anferov, V.A., Blinov, B.B., Caussyn, D.D., Derbenev, Ya.S., Hu, S.-Q., Koutin, S.V., Krisch, A.D., Liu, T.J., Phelps, R.A., Ratner, L.G., Wong, V.K., Chu, C.M., Lee, S.Y., Rinckel, T., Schwandt, P., Sperisen, F., Stephenson, E.J., von Przewoski, B., Berglund, M. Spin flipping through an intrinsic depolarizing resonance by strengthening it 100780
Crandell, D.A. *see* Caussyn, D.D. 119984
Crandell, D.A. *see* Phelps, R.A. 119990
Crane, C.C. *see* Kozick, R.J. 60439
Crane, G. *see* Chan, A. 89594
Crane, H.D. *see* Martinez-Uriegas, E. 108539
Crane, J.H. *see* Burkhart, S.C. 85415
Crane, P. *see* Mandolesi, N. 99703
Crane, P. *see* Smoot, G.F. 99702
Crane, P.M. Infrared scene simulation to support installed systems avionics test and evaluation 120588
Crane, R.K. *see* Meaney, P.M. 101295
Cranen, B. *see* van den Hauvel, H. 76863
Cranfield, M. *see* Lasserre, A. 70180
Cranganu-Cretu, B. *see* Ionita, V. 64279
Crangulescu, N. *see* Antipa, C. 80470
Craninckx, J., Steyaert, M.S.J. A 1.75-GHz/3-V dual-modulus divide-by-128/129 prescaler in 0.7-μm CMOS 73512
Cranmer, J.H. *see* Smola, J.F. 90720
Cranor, C.D., Parulkar, G.M. Design of universal continuous media I/O 118592
Crans, W. *see* Huizing, H.G.A. 84541
Cranshaw, A.J. *see* Rao, G.G. 81607
Cranton, W.M., Key, P.H., Sands, D., Thomas, C.B., Wagner, F.X. XeCl laser ablation of thin film ZnS 94359
Crapo, A. *see* Weinstein, R. 115967
Crappe, R.G. *see* Bourguet, J.-M. 93424
Crappe, R.G. *see* ShaoJun Wei 93035
Crasovan, L.-C. *see* Mihalache, D. 85717
Crasovan, L.-C. *see* Mihalache, D. 85718
Craveirinha, J. *see* Gomes, T. 76671
Craven, B.D., Gershkovich, V., Ralph, D. Morse theory and invariant concepts of convexity 72548
Craven, B.D., Van Luu, D., Glover, B.M. Strengthened invex and perturbations 82443
Craven, D., Yu, K., Pandhumsoporn, T. Etching technology and applications for "through-the-wafer" silicon etching 74919
Craven, M.R. *see* Stevens, R. 64955
Craven, P., Gerzon, M. Lossless coding for audio discs 119510
Craven, R.A., Downey, W.P. Economics of SOI material choices 63887
Cravens, R.C., II *see* Kazimierczuk, M.K. 120629
Craver, W.L. *see* Swift, A.P. 102592
Cravotta, N. There's always a platypus: a brief taxonomy of logic analyzers 113841
Craw, I. *see* Costen, N. 67260
Craw, I. *see* Tock, D. 108409
Crawford, A. *see* Johnson, M. 118323
Crawford, C., Graber, J., Hays, T., Kirchgessner, J., Matheissen, A., Moller, W.-D., Padamsee, H., Pekeler, M., Schmuser, P., Tigner, M. High gradients in linear collider superconducting accelerator cavities by high pulsed power to suppress field emission 79853
Crawford, C. *see* Pekeler, M. 119967
Crawford, C.R., King, K.F., Ritchie, C.J., Godwin, J.D. Respiratory compensation in projection imaging using a magnification and displacement model 80270
Crawford, C.R. *see* Ritchie, C.J. 80271
Crawford, G.P., Naciri, J., Shashidhar, R., Keller, P., Ratna, B.R. Effect of molecular structure on the electrooptic performance of electroclinic liquid crystals 95871
Crawford, H. *see* Howard, A.J. 79687
Crawford, J. *see* Bharadwaj, V. 79817
Crawford, K., Simrock, S., Hovater, C., Krycuk, A. The CEBAF fiber optic phase reference system 100624
Crawford, K. *see* Jin, W. 79462
Crawford, K.B. *see* Koga, R. 73390
Crawford, K.B. *see* Koga, R. 104556
Crawford, K.B. *see* Nichols, D.K. 63854
Crawford, K.C. *see* Brock, F.V. 90767
Crawford, M., Kristiansen, M., Hatfield, L.L. Experimental results from a coaxial vircator 62590
Crawford, M.H. *see* Choquette, K.D. 75982
Crawford, M.H. *see* Zolper, J.C. 74520
Crawford, M.Hagerott *see* Hagerott Crawford, M.
Crawford, M.M. *see* Myunghee Jung 80606
Crawford, M.M. *see* Slatton, K.C. 120678
Crawford, M.T., Johnson, D.J., Maenchen, J.E. Electrical diagnostics of the magnetically confined anode plasma source 120125
Crawford, M.T. *see* Johnson, D.J. 120124
Crawford, S. *see* Arthur, G. 119734
Crawford, T.M., Rogers, C.T., Silva, T.J., Kim, Y.K. Transverse and longitudinal second-harmonic magneto-optic Kerr effect from $Ni_{81}Fe_{19}$ thin film structures 115490
Crawforth, B. *see* Hallmark, J. 84533
Crawley, H.B., McKay, R., Meyer, W.T., Rosenberg, E.I., Thomas, W.D. Using IEEE standard 1057 for testing analog-to-digital converters 93528
Craxton, S. *see* Eimeri, D. 85420
Cray, A. Cable connections: made in the UK 88844
Cray, A. Foreign correspondence: the VAN plans 109024
Cray, A. Leased-line backup: The ISDN safety net 118522
Creamer, G., DeLaHunt, P., Gates, S., Levensons, M. Attitude determination and control of Clementine during lunar mapping 80551
Crean, G. *see* Hongching Shan 63334
Creasy, C. *see* Robinson, B. 65977
Creath, K. *see* Ettl, P. 108517
Creath, K. *see* Schmit, J. 117621
Crede, A. Change and convergence in technology-based information systems 103369
Creech, G.L., Paul, B., Lesniak, C., Jenkins, T., Lee, R., Calcatera, M. Artificial neural networks for accurate microwave CAD applications 83504
Creech, G.L., Zurada, J.M. GaAs MESFET DC characteristics and process modeling using neural networks 74757
Creech, M.L. Author-oriented link management 77963
Creed, A.J. *see* Taylor, P.M. 82786
Creed, F. *see* Giacalone, G. 73368
Creighton, M. Express delivery on the information highway [PCB design data transfer] 62449
Creighton, O. *see* Yallup, K. 63606
Crell, C., Wieczorek, K., Schreiber, H.-U., Wieck, A.D. In-plane-gate transistors on nonepitaxial silicon directly written by focused-ion-beam implantation 63230
Crema, S. *see* Piloni, M. 68161
Cremades, A., Piqueras, J., Solis, J. Cathodoluminescence study of ArF excimer laser-induced planarization of large grain diamond films 74567
Cremer, C., Gaubatz, U., Krummrich, P. 4×10 Gbit/s WDM transmission with remote post and preamplifiers 78648
Cremer, C. *see* Schimpe, R. 78656
Cremer, J. Manipulations by coalitions under asymmetric information: the case of Groves mechanisms 82392
Cremer, T., Nelson, W.R., Tatchyn, R. Initial studies of electromagnetic shower energy deposition in small-bore superconducting undulator structures in linac environments 96560
Cremer, T., Tatchyn, R. Planar permanent magnet multipoles: measurements and configurations 84839
Cremer, T. *see* Tatchyn, R. 96526
Cremona, M. *see* Baldacchini, G. 95942
Cremonesi, A. *see* Scalise, F. 67118
Cremonesi, O. *see* Alessandrello, A. 80100
Cremonesi, P. *see* Barretta, L. 101692
Cremoux, B.De *see* De Cremoux, B.
Cremoux, S., Fagot, C., Girard, P., Landrault, C., Pravossoudovitch, S. A new test pattern generation method for delay fault testing 104426
Crenn, J.-P. *see* Wegrowe, J.-G. 76559
Crenna, F., Michelini, R.C., Rossi, G.B. Measuring vibration patterns for rotor diagnostics 110005
Crenshaw, J.W. Filters–Chebyshev it 93584
Crenshaw, J.W. Filters–the last word 114090
Crenshaw, M. Design applications of embossed materials 96790
Crenshaw, T. *see* Butker, E.K. 120506
Crepaux-Motte, S., Jacomino, M., David, R. An algebraic method for delay fault testing 104483
Crepeau, C. *see* Brassard, G. 108145
Crepin, H. *see* Bolot, J.-C. 118428
Crescenzi, M.De *see* De Crescenzi, M.
Crescenzo, A.Di *see* Di Crescenzo, A.

Crescenzo, J.Di *see* Di Crescenzo, J.

Crescimbini, F. *see* Caricchi, F. 71819

Crescimbini, F. *see* Caricchi, F. 91438

Crescimbini, F. *see* Caricchi, F. 103109

Crescimbini, F. *see* Caricchi, F. 122031

Crescimbini, F. *see* Caricchi, F. 122047

Crescimbini, F. *see* Solero, L. 121415

Crespi, A.M., Berkowitz, F.J., Buchman, R.C., Ebner, M.B., Howard, W.G., Kraska, R.E., Skarstad, P.M. The design of batteries for implantable cardioverter defibrillators 112184

Crespi, B. *see* Bisio, G.M. 108602

Crespi, F. Carbon fibre micro-electrode and in vitro or in brain slices voltammetric measurement of ascorbate, catechol and indole oxidation signals: influence of temperature and physiological media 80196

Crespigny, A.De *see* De Crespigny, A.

Crespo, A. AOTF interrogation scheme for FBG [smart structures] 119693

Crespo, P.M., Pelz, R.M., Cosmas, J.P., Garcia-Frias, J. Results of channel error profiles for DECT 99357

Crespo, P.M. *see* Garcia-Frias, J. 107922

Crespo, R.D. *see* Morales, R. 64733

Crespo, R.Diaz *see* Diaz Crespo, R.

Cress, H. *see* Tessier, T.G. 94108

Cressler, J.D. *see* Babcock, J.A. 94946

Cressler, J.D. *see* Casady, J.B. 84367

Cressler, J.D. *see* Joseph, A.J. 63617

Cressler, J.D. *see* Joseph, A.J. 94921

Cressler, J.D. *see* Latham, M.S. 94919

Cressler, J.D. *see* Richey, D.M. 63635

Cressler, J.D. *see* Richey, D.M. 74708

Cressler, J.D. *see* Vempati, L.S. 63625

Cressler, J.D. *see* Vempati, L.S. 115156

Cresson, P.-Y., Despretz, D., Camart, J.-C., Chive, M., Pribetich, J. Modelling of applicators for microwave hypothermia by the finite-difference time-domain method 70206

Cresson, P.-Y., Michel, C., Dubois, L., Chive, M., Pribetich, J. Design and modeling using the FDTD method of planar multi-applicators for microwave hyperthermia 101420

Cresson, P.-Y. *see* Michel, C. 80467

Cresswell, M.W., Allen, R.A., Linholm, L.W., Guthrie, W.F., Gurnell, A.W. Hybrid optical-electrical overlay test structure [for CMOS] 115333

Cresswell, M.W., Sniegowski, J.J., Ghoshtagore, R.N., Allen, R.A., Linholm, L.W., Villarrubia, J.S. Electrical test structures replicated in silicon-on-insulator material 115087

Cresti, A. *see* Blundo, C. 108158

Cresti, A. *see* Blundo, C. 117220

Creswell, D.C. *see* Skevington, P.J. 67613

Creti, P. *see* Arico, A.S. 121873

Crettez, J.-P. First degree of characterization for handwriting 86607

Creusen, M.P. *see* Lous, E.J. 74459

Creusere, C.D. Image coding using parallel implementations of the embedded zerotree wavelet algorithm 86321

Creusere, C.D. Robust image coding using the embedded zerotree wavelet algorithm 86750

Creusere, C.D., Mitra, S.K. Image coding using wavelets based on perfect reconstruction IIR filter banks 114087

Creutzberg, C.L. *see* Bel, A. 90576

Crevier, R. *see* Clemente, P. 83008

Crew, D.C., McCormick, G., Street, R. Measurement of magnetic viscosity in NdFeB 115500

Crew, D.C. *see* Farrant, S.H. 115496

Crewell, S. *see* van de Stadt, H. 79097

Crews, A., Brewer, F. Controller optimization for protocol intensive applications 118145

Cribier, M., Gosset, L., Lamare, P., Languillat, J.C., Perrin, P., Renard, M., Rich, J., Soirat, J.P., Spiro, M., Stolarczyk, T., Tao, C., Vignaud, D., Bevilacqua, A., Caperan, F., Dupont, G., Gorry, J., Hampel, W., Heusser, G., Kirsten, T., Pernicka, E., Schlosser, C., Sann, M., Ammon, R. v., Henrich, E., Altmann, M., Moessbauer, R., Bellotti, E., Cattadori, C., Fiorini, E., Latorre, S., Balata, M., Franciotti, D., Lembo, L., Bacci, C., Belli, P., Boger, J., Hahn, R.L., Hartmann, F.X., Chu, Y.Y., Prusakov, V.N., Tikhomirov, A.V. Production of a 62 PBq ^{51}Cr low energy neutrino source for GALLEX 110538

Cricenti, A., Generosi, R., Scarselli, M.A., Perfetti, P., Siciliano, P., Serra, A., Tepore, A., Almeida, J., Coluzza, C., Margaritondo, G. Pt:SnO_2 thin films for gas sensor characterized by atomic force microscopy and X-ray photoemission spectromicroscopy 69371

Cricenti, A., Generosi, R., Scarselli, M.A., Perfetti, P., Siciliano, P., Serra, A., Tepore, A., Coluzza, C., Almeida, J., Margaritondo, G. Morphological, chemical and electrical characterization of Pt-SnO_2 thin film grown on rough and mechanically polished Al_2O_3 substrates 104125

Cricenti, A.L. *see* Klimovski, D. 120472

Criel, S. *see* Haelvoet, K. 119569

Crilly, P.B. *see* Horner, S.L. 101350

Crimson, W.E.L., Horn, B.K.P., Poggio, T. Progress in image understanding at MIT 67469

Crine, J.-P. *see* Chinh Dang 70906

Crine, J.-P. *see* David, E. 64110

Crinon, R.J., Kolodziej, W.J. Motion estimation with variable velocity bandwidth 86516

Crippa, C., Nicollini, G., Confalonieri, P., Pernici, S., Mecchia, A., Rizzo, P., Adduci, F., Viani, E., Bietti, I., Nagari, A., Dallavalle, C., Leblond, A., Busserolle, P. A 2.7 V CMOS single chip baseband processor for CT2/CT2+ cordless telephones 109505

Crippa, C. *see* Nicollini, G. 93563

Crippen, S.L. *see* Adams, G.F. 111419

Cripps, S. *see* Nelson, B. 82964

Crisci, M.R., Ferraro, N., Russo, E. Convergence results for continuous-time waveform methods for Volterra integral equations 72709

Crisenza, G. *see* Paccagnella, A. 95203

Crisford, D. *see* Maschio, A. 102873

Crisman, J.D. System design via small mobile robots 60455

Crisman, J.D. *see* Cleary, M.E. 86776

Crisp, P.B. A generic DMM test and calibration strategy 79602

Crispin, A. Quality issues and initiatives 60499

Criss, J., Lawhead, L. Using transformer differential relay I_{OP} characteristics to measure near-trip conditions 81534

Cristaldi, L., Ferrero, A., Ottoboni, R. Measuring equipment for the electric quantities at the terminals of an inverter-fed induction motor 68978

Cristaldi, L. *see* Dezza, F.C. 121985

Cristalli, C. *see* Ursino, M. 101050

Cristaudo, P. *see* Baldini, A. 62650

Cristea, L., Caldararu, M., Paraschiv, A., Craciunoiu, F. Soft simulator for optimal design of curved-profile grating couplers for thin film waveguides 64778

Cristescu, D. *see* Niculescu, N. 71115

Cristi, R., Kutlu, M. Blind equalization of encoded sequences by hybrid Markov models 97443

Cristiani, I. *see* Franco, P. 76185

Cristiani, I. *see* Midrio, M. 107155

Cristiano, F., Nejim, A., Hope, D.A.O., Houlton, M.R., Hemment, P.L.F. Structural studies of ion beam synthesised SiGe/Si heterostructures for HBT applications 92756

Cristiano, F. *see* Nejim, A. 94928

Cristiano, F. *see* Zhiping He 114866

Cristiano, J.J. *see* Liker, J.K. 60580

Cristiano, R. *see* Castellano, M.G. 106698

Cristina, S. *see* Antonini, G. 97186

Cristofolini, A. *see* Borghi, C.A. 107764

Cristofolini, A. *see* Borghi, C.A. 107796

Cristoloveanu, S. Hot-carrier degradation mechanisms in SOI transistors for ULSI 95196

Cristoloveanu, S., Elewa, T. Model for carrier lifetime extraction from pseudo-MOSFET transients 114829

Cristoloveanu, S. *see* Dimitrakis, P. 94627

Cristoloveanu, S. *see* Guichard, E. 115178

Cristoloveanu, S. *see* Ionescu, A.M. 94704

Cristoloveanu, S. *see* Reichert, G. 95008

Cristoloveanu, S. *see* Rusu, A. 63682

Cristurean, F. *see* Dobrota, V. 98798

Critchley, L.A.H., Leung, D.H.Y., Short, T.G. Abdominal surgery alters the calibration of bioimpedance cardiac output measurement 90528

Critchlow, G.W. *see* Houlton, D.J. 72907

Critchlow, G.W. *see* Jones, A.C. 72906

Critchlow, G.W. *see* Rushworth, S.A. 61412

Critten, M.P., Burns, D., Sibbett, W. Low-threshold low-noise all-solid-state femtosecond Cr^{3+}:LiSAF lasers 116464

Crivellari, M. *see* Midrio, M. 99483

Crivello, F. *see* Mazoyer, B. 80316

Croce, A.C. *see* Pratesi, R. 101429

Crochet, M. Air Force C3I architecture concepts 80710

Crochet, Y., Golestin, J.M. Leased line services 87614

Croci, S. *see* Trousset, Y. 70059

Crocker, J. *see* Szymanski, J.J. 110589

Crocker, T. *see* Dube, S.K. 81005

Crockett, J.G. *see* Sandstrom, R.L. 114941

Crockett, R.V. *see* Lee, J.W. 84155

Crofford, M. *see* Krafft, G.A. 100526

Croft, E.A., de Silva, C.W., Kurnianto, S. Sensor technology integration in an intelligent machine for herring roe grading 108663

Croft, S.K., Myers, R.J. Helping students and teachers make sense of remote sensing via the Internet 111110

Crofton, J., Luckowski, E.D., Williams, J.R., Isaacs-Smith, T., Bozack, M.J., Siergiej, R. Specific contact resistance as a function of doping for n-type 4H and 6H-SiC 105471

Crofts, G.J. *see* Syed, K.S. 107591

Crognale, G. The next generation of environmental management 72189

Croisant, W.J., Feickert, C.A., McInerney, M.K. A differential magnetic permeability model for pulsed magnetic field calculations 115499

Croisant, W.J. *see* Cain, B.L. 85895

Croisier, A. *see* Morel, P. 87837

Croisy, P., Clement, D., Barme, L. Co-learning at a distance: FIRST trial of an integrated learning environment 118536

Croitoru, N., Gambirasio, A., Rancoita, P.G., Seidman, A. Current-voltage and impedance characteristics of neutron irradiated silicon detectors at fluences up to 10^{16} n/cm^2 90181

Croitoru, N., Rancoita, P.G., Rattaggi, M., Rossi, G., Seidman, A. Electrical conduction at low temperatures in high energy silicon detectors before and after irradiation with neutrons 94213

Croitoru, N. *see* Allon-Alaluf, M. 105523

Croitoru, N. *see* Bottcher, S. 106215

Croize, X. *see* Cillessen, J.F.M. 113456

Croke, D.T. *see* Large, M.C.J. 85659

Croll, I. *see* Chiu, A. 106599

Crom, M.Le *see* Le Crom, M.

Crombach, U. *see* Albert, R. 80985

Crome, C. *see* Won, M.S. 114091

Cromer, C.L. *see* Gentile, T.R. 89091

Cromer, C.L. *see* Gentile, T.R. 99998

Cromer, C.L. *see* Tsai, B.K. 89069

Cromer, K.D., Norum, B.E., Rossmanith, R. A new model of the e^+e^- beam-beam interaction 89830

Cromer, L. *see* Burgett, W. 79856

Cromme-Dijkhuis, A.H. *see* Djoa, K.K. 70037

Cromp, R.F. *see* Le Moigne, J. 97870

Cronberg, T. Technology assessment in the Danish socio-political context 103358

Crone, G. *see* Nubla, A. 117104

Crone, G.A.E. *see* Martin, M.J. 76616

Crone, G.A.E. *see* Roederer, A.G. 78598

Cronin, B., McKim, G. Science and scholarship on the World Wide Web: a North American perspective 77924

Cronin, B.F. *see* Badawi, R.D. 110686

Cronin, D.W. *see* Coleman, P.D. 75939

Cronin, J.A. *see* Burrows, P.E. 75747

Cronin, P.E. *see* Ramsay, S.M. 70877

Cronin, P.M., Wyndrum, R.W., Jr. The Inventory Visibility System, a unique technical solution to a common inventory problem 67760

Cronin, T. RF visualization to support airborne collection management 66608

Cronin, T. System validation towards total quality 69101

Cronje, W.A. Development of a cost efficient FEM system for the design of power apparatus 102934

Cronquist, B. *see* Lau, W.S. 74491

Cronquist, D.C., McMurchie, L. Emerald–an architecture-driven tool compiler for FPGAs 61560

Cronyn, W., Wills, M., Holmes, C., Birkett, J., Holler, E., Tate, G., Hoa Phan, An Lam, Martin, R.A., Burky, K.D. Universal radar moving target transponder 109784

Crook, D., Surber, J. High level integration and performance comes to DDS [direct digital synthesis] 82983

Crooker, S.A., Betz, F.D., Levy, J., Awschalom, D.D. Femtosecond synchronization of two passively mode-locked Ti:sapphire lasers 75912

Crooks, M., Capps, C., Hawkins, E., Wesley, M. Hardware implementation of LOTRRP compression for real-time image compression 67006

Croonenbrock, R., Klaka, H., Knizia, M. Heat recovery steam generators for gas turbines in modern power plant processes 71151

Cros, A. *see* Bellard, L. 63435

Cros, B. *see* Amiranoff, F. 79838

Cros, B. *see* Amiranoff, F. 89645

Cros, D., Jordan, M., Guillon, P. Ka and W band dielectric resonator oscillators 62250

Cros, D., Nigon, F., Besnier, P., Aubourg, M., Guillon, P. Whispering gallery dielectric resonator filters 83319

Cros, D. *see* Blondy, P. 62197

Cros, D. *see* Krupka, J. 95386

Cros, D. *see* Nigon, F. 93722

Cros, D. *see* Nigon, F. 114241

Cros, J. *see* Lajoie-Mazenc, M. 91541

Crosbie, E. *see* Cho, Y. 79994

Crosbie, E. *see* Norem, J. 79979

Crosbie, E.A. *see* Teng, L.C. 89900

Crosby, D. *see* Anderson, T. 78755

Crosby, D. *see* Anderson, T. 88613

Crosby, P., Shiner, W. Laser technology impacts electronics manufacturing 92166

Crosby, S., Leslie, I., Lewis, J.T., O'Connell, N., Russell, R., Toomey, F. Bypassing modelling: an investigation of entropy as a traffic descriptor in the Fairisle ATM network 78023

Crosby, S. *see* Bjorkman, N. 118047

Crosier, R.B. Symmetric orientations for simplex designs 82152

Crosignani, B. Optics and nonlinear optics for signal processing and computing applications 65483

Crosley, D.R. *see* Yalcin, S. 120881

Crosnier, Y. Power FETs families. Capabilities and limitations from 1 to 100 GHz 62263

Crosnier, Y. *see* Allam, R. 83525

Crosnier, Y. *see* Allam, R. 93924

Crosnier, Y. *see* Delabie, C. 62182

Crosnier, Y. *see* Gaquiere, C. 93920

Crosnier, Y. *see* Lepercq, P. 95488

Cross, A.D. *see* Eason, K.D. 111514

Cross, A.D. *see* Hopewell, P.D. 71370

Cross, A.D.J., Wilson, R.C., Hancock, E.R. Genetic search for structural matching 67261

Cross, A.W. *see* Cooke, S.J. 65006

Cross, A.W. *see* Cooke, S.J. 116292

Cross, A.W. *see* Garven, M. 105048

Cross, E.S. *see* McGregor, D.S. 80153

Cross, E.S. *see* McGregor, D.S. 92663

Cross, G. *see* Nazarko, J. 102119

Cross, G.H., Bloor, D., Szablewski, M. "Blue window" organics for frequency doubling devices 76252

Cross, G.H. *see* Bloor, D. 76242
Cross, G.H. *see* Bloor, D. 85582
Cross, J., Lopez-Lagunas, A., Buchanan, B., Carastro, L., Shih-Cheng Wang, Jokerst, N.H., Wills, S., Brooke, M., Ingram, M.A. A single-fiber bidirectional optical link using colocated emitters and detectors 109659
Cross, L.E. *see* Baomin Xu 119633
Cross, L.E. *see* Blue, C.T. 64091
Cross, L.E. *see* Gaskey, C.J. 75021
Cross, L.E. *see* Kugel, V.D. 106399
Cross, P. *see* Denys, P. 70446
Cross, P.A. *see* Hawkshee, D.J. 88764
Cross, R.W., Kos, A.B. Relaxation in NiFe/Ag giant magnetoresistive devices 75288
Cross, R.W. *see* Oti, J.O. 75209
Cross, R.W. *see* Oti, J.O. 115872
Cross, T.E. *see* Arai, M. 69462
Cross, V. *see* Sudkamp, T. 92449
Crossland, W.A. *see* Dames, M.P. 88059
Crossley, P. *see* Brown, R. 102239
Crossley, P.A. *see* Saengsuwan, T. 70963
Crossley, P.A. *see* Saengsuwan, T. 102254
Crosson, E.R., Berryman, K.W., Richman, B.A., Smith, T.I., Swent, R.L. The determination of an electron beam's longitudinal phase space distribution through the use of phase-energy measurements 96487
Crosson, E.R. *see* Berryman, K.W. 107379
Crotty, G. *see* Rohatgi, A. 112346
Crotty, I. *see* Cerron Zeballos, E. 69786
Crotty, I. *see* Cerron Zeballos, E. 90141
Crouch, C.H., Livermore, C., Waugh, F.R., Westervelt, R.M., Campman, K.L., Gossard, A.C. Coulomb gap of coupled quantum dots with adjustable interdot tunneling 105413
Crouch, C.H., Livermore, C., Westervelt, R.M., Campman, K.L., Gossard, A.C. Coulomb oscillations in partially open quantum dots 105390
Crouch, D. On the use of symmetry to reduce the computational requirements for FDTD analyses of finite phased arrays 117093
Crouch, D. *see* George, A. 119563
Crouch, M. *see* Masum, J. 115168
Crouch, M.A. *see* Bourke, M.M. 63300
Crouch, M.A. *see* Jones, K.A. 63607
Crouch, P.E. *see* Cale, T.S. 61416
Croucher, D.D. *see* Willkens, C.A. 112620
Crouse, P.L., Bester, J.A., Rohwer, H.E. Optimization of the plasma-assisted chemical vapour deposition of silica-like thin films at low temperatures 104122
Croutxe, C. *see* Belin, C. 75396
Crouzeix, M. *see* Akrivis, G. 72712
Crouzet, N., Turinsky, P.J. A second-derivative-based adaptive time-step method for spatial kinetics calculations 81258
Crovato, R. *see* Montangero, P. 96433
Crovella, M.E., Bestavros, A. Self-similarity in World Wide Web traffic. Evidence and possible causes 77982
Crovella, M.E. *see* Carter, R.L. 117959
Crovini, G. *see* Fathallah, M. 94405
Crovini, G. *see* Giorgis, F. 92841
Crovini, G. *see* Rava, P. 113490
Crow, D.E. *see* Jovanovic, M.M. 71434
Crow, D.E. *see* Jovanovic, M.M. 73101
Crow, G.C., Abram, R.A. Monte Carlo simulations of carrier transport in high speed quantum well lasers 65189
Crow, G.C., Abram, R.A. Monte Carlo simulations of carrier transport in high-speed quantum well lasers 116565
Crow, J. *see* Jianmin Chen 64825
Crow, J.D., Joong-Ho Choi, Cohen, M.S., Johnson, G., Kuchta, D., Lacey, D., Ponnapalli, S., Pepeljugoski, P., Stawiasz, K., Trewhella, J., Xiao, P., Tremblay, S., Ouimet, S., Lacerte, A., Gauvin, M., Booth, D., Nation, W., Smith, T.L., DeBaun, B.A., Henson, G.D., Igl, S.A., Lee, N.A., Piekarczyk, A.J., Kuczma, A.S., Spanoudis, S.L. The Jitney Parallel Optical Interconnect 119221
Crow, J.D. *see* Choi, J. 88572
Crow, J.D. *see* Wong, Y.M. 119220
Crow, J.E. *see* Freibert, F. 75301
Crow, M.L. *see* Bhattacharyya, K. 70712
Crow, R.P. Civil aviation's global necessity beyond GPS-based systems–IGSANS 70426
Crowcroft, J. World Wide Web: organising cyberspace 67809
Crowcroft, J. The Internet: a tutorial 78084
Crowcroft, J., Zheng Wang A rough comparison of the IETF and ATM service models 78026
Crowcroft, J. *see* Zheng Wang 87486
Crowcroft, J. *see* Zheng Wang 108872
Crowder, M. On assessing independence of competing risks when failure times are discrete 92344
Crowder, R.M. Electrically powered actuation for civil aircraft 80552
Crowe, B.L., Hailey, D.M., de Silva, M. Report on the evaluation of a teleradiology pilot project between Royal Alexandra Hospital for Children and Nepean Hospital July-September 1993 110817
Crowe, J.A. *see* Damianou, D. 90332
Crowe, K. *see* Salomon, M. 80032
Crowe, K. *see* Salomon, M. 100852
Crowe, L. *see* Teodorescu, R. 95546
Crowe, T. *see* Krafft, G.A. 100581
Crowe, T.W., Grein, T.C., Zimmermann, R., Zimmermann, P. Progress toward solid-state local oscillators at 1 THz 62279
Crowe, T.W. *see* Boheim, M. 62305
Crowell, P. *see* Hager, G.D. 107038
Crowley, J. A modular neural network system for the automatic normalisation of human faces 77157
Crowley, J.D., Dalrymple, R.E., Connie Hang, Ming Lin, Man Wong Indium phosphide Gunn diodes and their millimeter-wave applications 73705
Crowley, J.L., Coutaz, J. Vision for man machine interaction 117775
Crowley, J.L. *see* Appenzeller, G. 86711
Crowley, J.L. *see* Colombo, C. 67313
Crowley, J.L. *see* Coutaz, J. 117886
Crowley, J.L. *see* Schiele, B. 67269
Crowley, R.D., Hayden, R.D., Uber, C.F. Implementation of signal processing techniques in a space based scatterometer 109740
Crowley, R.D., Walker, D.M. Digital signal processing in a spaceborne radar altimeter 99641
Crowley, R.D. *see* Boller, B.D. 111205
Crowley, R.D. *see* Smith, M.C. 111182
Crowther, M. *see* Kelly, B. 67892
Croxton, C. *see* Sanchez, H. 73466
Crozat, P. *see* Aniel, F. 63761
Crozat, P. *see* Aniel, F. 95046
Crozat, P. *see* Sylvestre, A. 84469
Crozat, P. *see* Sylvestre, A. 84477
Crozier, D. *see* Newton, H.J. 98333
Crozier, D.S. *see* Fletcher, E.J. 99873
Crozier, S., Forbes, L.K., Roffmann, W.U., Luescher, K., Doddrell, D.M. Currents and fields in shielded RF resonators for NMR/MRI 85813
Crozier, S. *see* Forbes, L.K. 110773
Cruce, C. *see* Chin, R. 100054
Crucilla, K. *see* Goia, D. 93960
Cruddace, R.G. *see* Kowalski, M.P. 85730
Cruder, O., Sidhu, T.S., Huff, G.J. An abductive inference model for alarm processing [power system fault diagnosis] 80782
Crugnola, E. Protection against indirect contacts for UPS-AC/AC-AC/DC three-phase converters 121683
Cruickshank, D.G.M. Suppression of multiple access interference in a DS-CDMA system using Wiener filtering and parallel cancellation 108808
Cruickshank, F.R. *see* Kerkoc, P. 65417
Cruickshank, F.R. *see* Pan, F. 115987
Cruickshank, H.S. A security system for satellite networks 88193
Cruickshank, J. *see* Wood, D. 74982
Cruickshank, J. *see* Wood, D. 79726
Cruise, R.J., Landy, C.F. Single- to three-phase converter for induction motors 102874
Cruise, R.J., Landy, C.F., Rhode, M. An economic phase converter for rural applications in Southern Africa 81585
Cruise, R.J. *see* Le Roux, B.T. 103206
Crum, S. Process optimization with organic solderability preservatives 94046
Crumm, S. MCM-L substrate choices expand 73913
Crump, J. *see* Lewis, C.P. 99940
Crump, S.J. *see* Lewis, C.P. 100435
Cruse, H. *see* Kindermann, Th. 77249
Cruselles, E., Soriano, M., Forne, J., Melus, J.L. Secure communications in broadband networks 67862
Cruselles, E., Soriano, M., Melus, J.L. Uncorrelated PN sequences generator for spreading codes in CDMA systems 98421
Crusson, C. *see* Hornung, V. 116552
Crutcher, R.I. *see* Hutchinson, D.P. 69137
Cruthirds, D., Pittman, S. Behavioral based safety process, an effective compliment to OSHA compliance 82139
Cruz, C.Gutierrez de la *see* Gutierrez de la Cruz, C.
Cruz, F. *see* Monroe, C. 95896
Cruz, F. *see* Oltra, R. 94795
Cruz, F.De la *see* De la Cruz, F.
Cruz, G.Cruz *see* Cruz Cruz, G.
Cruz, G.da, Jr. *see* da Cruz, G., Jr.
Cruz, H. *see* Grein, C.H. 69159
Cruz, J. *see* Patel, B. 81973
Cruz, J. *see* Vieira, M. 100022
Cruz, J.J. *see* Flores, J.C. 80818
Cruz, J.L., Andres, M.V., Hernandez, M.A. Measurement of the effective Verdet constant of optical-fibres in the wavelength range 458-1523 nm 64706
Cruz, J.L., Marzal, J., Diez, A., Andres, M.V. Frequency and pulse modulation of light using all-fiber interferometers 119692
Cruz, J.L. *see* Diez, A. 75434
Cruz, J.L. *see* Dong, L. 75441
Cruz, J.R. *see* He, R. 95366
Cruz, J.R. *see* Kreuger, D. 84829
Cruz, J.R. *see* Rouphael, T. 109543
Cruz, J.R. *see* Yiping Wang 109547
Cruz, L. *see* Fernandes, M.F. 70653
Cruz, M.E. *see* Yesilyurt, S. 92632
Cruz, R. *see* Brassil, J. 77938
Cruz, R.L. *see* Rao, H.G. 68406
Cruz Cruz, G. *see* Lopez Callejas, R. 99845
Cruz Serra, A. *see* Torres Pereira, J. 116568
Cruz-Orea, A., Delgadillo, I., Vargas, H., Gudino-Martinez, A., Marin, E., Vazquez-Lopez, C., Calderon, A., Alvarado-Gil, J.J. Photoacoustic thermal characterization of spark-processed porous silicon 83810
Cryan, C.V., Stowe, D.W. Wavelength-insensitive single-mode fused tapered 1×N couplers 84995
Cryan, M.J., Shepherd, P.R., Pennock, S.R. A monolithic voltage controlled directional coupler 62307
Cryan, R.A., Phillips, A.J., Senior, J.M. A moment generating function formulation for an optically preamplified PPM intersatellite system 68354
Cryan, R.A. *see* Elmirghani, J.M.H. 66604
Cryan, R.A. *see* Hussain, A. 116955
Cryan, R.A. *see* Milner, S.H. 86125
Cryan, R.A. *see* Phillips, A.J. 68350
Csach, K. *see* Roman, J. 62371
Csaki, E. On some results for Bernoulli excursions 92441
Csapo, E., Zaidi, H., Paulmier, D. Friction behaviour of a graphite-graphite dynamic electric contact in the presence of argon 62403
Csendes, A. *see* Szekely, V. 74808
Csernansky, J.G. *see* Haller, J.W. 101233
Cserny, I. *see* Koever, A. 69873
Csibi, S. On the least possible decoding error probability for truly asynchronous single sequence hopping 68043
Csik, P. *see* Pencikowski, P. 90883
Csillag, P., Boroczky, L. Estimation of accelerated motion for motion-compensated frame interpolation 86510
Csillag, P. *see* Kiss, C.I. 98288
Csiszar, I. Almost independence and secrecy capacity 117251
Csiszar, I., Kerenyi, J. Combined use of radar and satellite information for precipitation estimation in Hungary 120788
Csonka, P.L., Kroo, N. Methods to generate femto- and attosecond electron and X-ray pulses 100640
Csontos, L. *see* Tiginyanu, I.M. 103908
Csopaki, G. Validation of communication protocols 98501
Csutak, S.M. *see* Mihailescu, I.N. 82761
Ctyroky, J. *see* Haes, J. 76540
Cu Zhigang *see* Liu Changyi 91072
Cubaud, N. *see* Bershad, N.J. 66835
Cubber, A.M.De *see* De Cubber, A.M.
Cubeddu, R. *see* Mutti, P. 94262
Cubero-Castan, E. *see* Fjortoft, R. 87050
Cubero-Castan, E. *see* Fjortoft, R. 109757
Cubertafon, J.C. *see* Gicquel, A. 72928
Cubillo, J. *see* Bueno, G. 98262
Cubiotti, P. A general theorem of complementarity for the implicit GQVI problem 60899
Cucchi, S., Fratti, M., Ronchi, M. On improving performance of analysis by synthesis speech coders 66594
Cucci, G.R. Sensors and transmitters powered by fiber optics 88530
Cuccurullo, G. *see* Berardi, P.G. 69544
Cuchanski, M. *see* Rahmat-Samii, Y. 66086
Cudd, P.A. *see* Benson, T.M. 89460
Cudd, P.A. *see* Cherry, A.D. 70249
Cudd, P.A. *see* Ryan, N.J. 91801
Cuddapah, R., Bertsch, D.L., Catelli, J.R., Dingus, B.L., Esposito, J.A., Fichtel, C.E., Hartman, R.C., Hunter, S.D., Mukherjee, R., Thompson, D.J., Vogt, J.M. Testing of large area drift chambers at the Saskatchewan Accelerator Laboratory for High Energy Astrophysics 101028
Cuddy, D., Kon Leung An Alaska SAR Facility overview in the Radarsat era 120735
Cudney, R.S., Fousek, J., Zgonik, M., Gunter, P. Domain gratings in ferroelectric photorefractive crystals 115411
Cudney, R.S. *see* Fousek, J. 106361
Cue, N. *see* Bo-Rong Shi 105548
Cue, N. *see* Xiao, R.F. 113491
Cuenod, R. *see* Keck, H. 102501
Cuenoud, G. Modular techniques for power semiconductor testing 82945
Cuenoud, G. Modular techniques for power semiconductor testing 88917
Cueto, M.Estrada del *see* Estrada del Cueto, M.
Cuevas, A., Basore, P.A., Giroult-Matlakowski, G., Dubois, C. Surface recombination velocity of highly doped n-type silicon 114559
Cuevas, A. *see* Sinton, R.A. 116211
Cuevas, E., Gasparian, V., Ortuno, M., Ruiz, J. Traversal time in periodically loaded waveguides 107978
Cuevas, E. *see* Gasparian, V. 85818
Cuevas, F. *see* Martin, P. 94298
Cuevas, F.J., Servin, M., Rodriguez-Vera, R., Marroquin, J.L. Shape object recovering using multi-frequency fringe projection 119863
Cuevas-Rubino, M., Gonzalez-Caballero, D., Martinez-Jimenez, P., Casado-Revuelta, E. Tutorized simulated study of RC, LR and LRC circuits for Windows 112803
Cugnini, A. *see* Balakrishnan, M. 99770
Cuhaci, M. *see* Maurin, D. 69002
Cuhaci, M. *see* Petosa, A. 108075
Cui, A.G., Gorbounova, O., Ding, Y.J., Veliadis, J.V.D., Lee, S.J., Khurgin, J.B., Wang, K.L. Large blue shift due to band filling at interface islands in coupled quantum wells 94559
Cui, G.J. *see* Mallik, A. 74480

Cui, H.L. *see* Lee, C.C. 94882
Cui, H.L. *see* Lei, X.L. 62879
Cui, H.L. *see* Lei, X.L. 63057
Cui, H.W. *see* Cheng, G.G. 115460
Cui, J.B., Ma, Y.R., Zhang, J.F., Chen, H., Fang, R.C. Growth and characterization of diamond film on aluminum nitride 82747
Cui, T.J., Wiesbeck, W. TE wave scattering by multiple two-dimensional scatterers buried under one-dimensional multi-layered media 107856
Cui, T.J., Wiesbeck, W. TM wave scattering by multiple two-dimensional scatterers buried under one-dimensional multi-layered media 111144
Cui, T.J., Wiesbeck, W. Electromagnetic scattering by multiple three-dimensional scatterers buried under one-dimensional multi-layered media 120917
Cui, Y., Azzam, R.M.A. Determination of the refractive index and thickness of transparent pellicles by use of the polarization-independent absentee-layer condition 110405
Cui, Y.D. *see* Chen, W.D. 105467
Cui, Y.D. *see* Chen, W.D. 105704
Cui Baoshun *see* Xu Hua 65401
Cui Baotong *see* Bainov, D. 92619
Cui Chunxiang *see* Zhou Jun 100274
Cui Dafu *see* Yuan Zhenyu 110151
Cui Dafu *see* Dafu Cui
Cui Desheng *see* Desheng Cui
Cui Fang *see* Xu Hongyao 106818
Cui Jian *see* Jian Cui
Cui Jie *see* Zhang Suian 103862
Cui Jingbiao, Ma Yurong, Fang Rongchuan Investigation of a hot filament diamond deposition by in situ infrared absorption 104095
Cui Lan A fuzzy-set-based algorithm for active and reactive power correction strategy in power system steady state security analysis 80943
Cui Ningzhou, Xie Weixin, Yu Xiongnan A fast algorithm for data association in multisensor multitarget distributed tracking 97826
Cui Shihai *see* Zhoa Hong 64142
Cui Suomin *see* Suomin Cui
Cui Wu-Yuan *see* Wu-Yuan Cui
Cui Xiang, Yuan Jinsha, Zhang Guoqiang, Zhang Yuanlu, Hu Qifan Analysis of leakage magnetic problems in shell-form power transformer 102806
Cui Xiang *see* Li Lin 65700
Cui Xiang *see* Li Lin 107779
Cui Xiang *see* Liu Jianxin 102805
Cui Yuming *see* Yuming Cui
Cui Yuntao *see* Yuntao Cui
Cui Zhenwen Wave T-subdivision scheme for curve design 60926
Cuijpers, G.P.J.M. *see* Binsma, J.J.M. 65224
Cuixia Liu *see* Liu Cuixia
Cuk, N. *see* Vukovic, K. 81311
Cuk, S. *see* Lazar, J. 71456
Cuk, S. *see* Santi, E. 121599
Cukauskas, E.J. *see* Fisher, M.A. 64529
Cukr, M. *see* Nachtwei, G. 74273
Cukr, M. *see* Streda, P. 105285
Cukrov, P. New approach to the development of the naval C3I systems 80721
Culbertson, W. *see* Amerson, R. 61784
Culbertson, W. *see* Amerson, R. 104521
Culcer, M., Balint, C., Curuia, M., Dumitrescu, M., Roman, T., Iliescu, R. Control system for temperature measurements 119929
Culcer, M. *see* Curuia, M. 69879
Culcer, M. *see* Iliescu, M. 119823
Culf, A.D. *see* Gash, J.H.C. 120739
Culik, K., II, Valenta, V. Finite automata based compression of bi-level images 86734
Culioli, J.-C. *see* Carpentier, P. 70803
Cullen, A.L. *see* Khosrowbeygi, A. 69467
Cullen, A.P. *see* Chou, B.R. 90627
Cullen, J. *see* Bunce, G. 100643
Cullen, J.M., Lobley, N.C. The universal mobile telecommunications system: a mobile network for the 21st century 109377
Cullen, J.M. *see* Mason, P.C. 78396
Cullen, J.R., Teter, J.P., Clark, A.E. Magnetic properties of $Tb_{1-x}Nd_xCd$ 115566
Cullen, J.R., Wun-Fogle, M., Restorff, J.B., Teter, J.P., Clark, A.E. Anomolous ΔE effects in TbDyZn alloys 75123
Cullen, J.R. *see* Restorff, J.B. 115567
Cullen, K.J. *see* Hasegawa, A. 69936
Cullen, R.J. BNFL and nuclear energy 71039
Culling, J.F. Signal-processing software for teaching and research in psychoacoustics under UNIX and X-Windows 117302
Cullis, T. HP embraces NT server 67820
Cullum, I.D. *see* Bouyoucef, S.E. 80253
Cullum, J. Arnoldi versus nonsymmetric Lanczos algorithms for solving matrix eigenvalue problems 103750
Cullum, J., Greenbaum, A. Relations between Galerkin and norm-minimizing iterative methods for solving linear systems 60978
Culshaw, B. *see* Gachagan, A. 104221
Culshaw, B. *see* Jin, W. 79462
Culshaw, B. *see* Pierce, S.G. 110176
Culshaw, B. *see* Wei Jin 69225
Culter, R.G., Kongslie, K.F., Bos, P.J. The travelling-wave compensator: a new method for high-contrast video-rate passive-matrix displays 89381
Culter, R.G. *see* Kongslie, K.F. 89380
Culter, T. A design guide for rechargeable zinc-air battery technology 112279
Culty, B. *see* Borel, C. 111034
Culver, B. Grid connected photovoltaic plants in Vienna 71192
Culverhouse, D.O. *see* Birks, T.A. 64835
Culverhouse, D.O. *see* Diez, A. 85022
Cumbest, J.H., Unruh, G.R. A drop-in replacement [cleaning solvents] 83625
Cumbi, M.J.N., Shepherd, D.W., Hulley, L.N. Development of an object-oriented knowledge-based system for power electronic circuit design 61547
Cuminal, Y. *see* Baranov, A.N. 106993
Cumming, D.R.S., Holland, M.C., Weaver, J.M.R., Beaumont, S.P. A mesoscopic ballistic electron mixer with efficient frequency conversion at radio frequency 104408
Cumming, I. *see* Kuduvalli, G. 70437
Cumming, I. *see* Valero, J.-L. 111113
Cumming, I.G. *see* Meisl, P.G. 76946
Cumming, I.G. *see* Meisl, P.G. 99665
Cumming, I.G. *see* Wong, F. 70455
Cumming, J. Integrated intelligent networks: Harnessing new capabilities 87891
Cumming, W.A. *see* Huda, W. 80365
Cummings, A. *see* Sadoulet, B. 100818
Cummings, A.C. *see* Allbritton, G.L. 80079
Cummings, A.C. *see* Allbritton, G.L. 100826
Cummings, M. *see* Sturzebecher, D. 86007
Cummings, M. *see* Tsang-Der Ni 92252
Cummings, S.L. *see* Strandjord, A.J.G. 83669
Cumpson, S.R., Middleton, B.K., Miles, J.J. Digital record theory for a thin medium with easy magnetisation direction tilted out of its plane 84823
Cumpson, S.R. *see* Middleton, B.K. 106499
Cundev, M. *see* Cvetkovski, G. 81401
Cundev, M. *see* Stoilkov, V. 76361
Cundev, M.D., Petkovska, L.B. Optimal control of a switched reluctance motor drives 91825
Cundev, M.D. *see* Petkovska, L.B. 91492
Cundiff, S.T., Knox, W.H., Baumann, F.H. Surface second harmonic generation from Si/SiO_2 and GaAs using 10-fs pulses 107552
Cundiff, S.T., Knox, W.H., Ippen, E.P., Haus, H.A. Frequency-dependent mode size in broadband Kerr-lens mode locking 65133
Cundiff, S.T., Knox, W.H., Ippen, E.P., Khatri, F.J., Haus, H.A. Frequency-dependent mode size in Kerr-lens mode-locked lasers 116444
Cundiff, S.T., Koch, M., Knox, W.H., Shah, J., Stolz, W. Optical coherence in semiconductors: strong emission mediated by nondegenerate interactions 96715
Cundiff, S.T. *see* Koch, M. 107574
Cundiff, S.T. *see* Tsuda, S. 107206
Cundiff, S.T. *see* Tsuda, S. 116462
Cuneo, M.E., Menge, P.R., Hanson, D.L., Bailey, J.E., Bernard, M.A., Desjarlais, M.P., Filuk, A.B., Fowler, W.E., Lockner, T.R., Nash, T.J., Noack, D.D., Slutz, S.A., Ziska, G.R. Surface cleaning techniques and efficient B-field profiles for lithium ion sources on extraction ion diodes 69683
Cuneo, M.E. *see* Hanson, D.L. 110514
Cuneo, M.E. *see* Mazarakis, M.G. 120048
Cuneo, M.E. *see* Mehlhorn, T.A. 69637
Cuneo, M.E. *see* Menge, P.R. 120122
Cunff, D.B..Brun-Le *see* Brun-Le Cunff, D.B..
Cunff, D.Brun-Le *see* Brun-Le Cunff, D.
Cung-Yeon Won *see* Dong-Wook Yoo 102846
Cunha, C. *see* Zhixiang Chen 103580
Cunhong Jiang *see* Wilder, J. 117894
Cuniot, M., Dixmier, J., Roca i Cabarrocas, B. Improved mobility-lifetime product of holes in a-Si:H n-i-p devices: a consequence of structural relaxation? 94897
Cunkai Wu *see* Yang Zhao 96283
Cunliffe, N.H. *see* Baynham, D.E. 90035
Cunningham, A. *see* Brown, K.M. 65577
Cunningham, B. *see* Gignac, L.M. 95109
Cunningham, C.R. *see* Gear, W.K. 62140
Cunningham, C.R. *see* Holland, W.S. 79101
Cunningham, D.G., Watson, G. IEEE 802.12 gigabit LAN 78025
Cunningham, G.S., Williams, W.J. Vector-valued time-frequency representations 77032
Cunningham, I.A. *see* Westmore, M.S. 80214
Cunningham, J. *see* Banas, D. 89239
Cunningham, J.E. *see* Chirovsky, L.M.F. 85334
Cunningham, J.E. *see* Collings, B.C. 96180
Cunningham, J.E. *see* Knox, W.H. 65146
Cunningham, J.E. *see* Woodward, T.K. 78867
Cunningham, J.E. *see* Woodward, T.K. 85333
Cunningham, J.E. *see* Woodward, T.K. 88610
Cunningham, P. *see* Rosker, M.J. 116646
Cunningham, P.R. Utility deregulation effects on the pulp and paper industry 91989
Cunningham, S.P., Shanthikumar, J.G. Empirical results on the relationship between die yield and cycle time in semiconductor wafer fabrication 63882
Cunningham, T. *see* Jorquera, C. 88958
Cunningham, T.J. Improvements in GaAs JFETs for deep cryogenic operation 95048
Cunrang Wang *see* Wang Cunrang
Cunsheng Ding, Salomaa, A. On cooperatively distributed ciphering and hashing 76727
Cuntze, G., Brendel, H., Hubert, A. Barkhausen noise from sintered permanent magnets 115501
Cunyan Zhang *see* Shi Jin 92966
Cuo, Q., Gurean, M.K. A decentralised channel control method for grouped ALOHA systems and drift analysis 87414
Cuomo, F. *see* Dolny, G. 69396
Cuomo, J. *see* Choi, W. 105002
Cuomo, J.J. *see* Bozeman, S.P. 83720
Cuomo, J.J. *see* Choi, W.B. 74035
Cuomo, J.J. *see* Choi, W.B. 83705
Cuomo, J.J. *see* Myers, A.F. 74037
Cuomo, J.J. *see* Myers, A.F. 83701
Cuomo, J.J. *see* Zhirnov, V.V. 73969
Cuomo, S., Giuli, D., Federici, G. The role of remote sensing in training activity of Tuscany Region 103331
Cuomo, S., Pellegrini, P.F., Piazza, E. Neural system for tracking and classification of primary radar echo signals 88708
Cuong Chan Vi *see* Vi Cuong Chan
Cuong Tran *see* Schneider, M.V. 68073
Cuperman, M. *see* Zopf, R. 98950
Cuperman, V. *see* Zopf, R. 98950
Cuperus, G.W. *see* Brock, F.V. 90767
Cuppini, D. *see* Barbato, G. 68958
CuQlock-Knopp, V.G., Torgerson, W., Sipes, D.E., Bender, E., Merritt, J.O. A comparison of monocular, biocular, and binocular night-vision goggles for traversing off-road terrain 89297
Cura, E. *see* Rudnick, H. 102003
Curatelli, F., Mangeruca, L., Chirico, M. Specification and management of timing constraints in behavioral VHDL 113831
Curatu, E. *see* Cojoc, D. 87201
Curd, E.R. *see* Gregory, G.D. 111892
Cure, C. *see* Baze, J.M. 90186
Curello, G. *see* Harry, M.A. 94686
Curiac, R. *see* Fireteanu, V. 65752
Curl, R.F. *see* Petrov, K.P. 65592
Curl, R.F. *see* Petrov, K.P. 96395
Curl, R.F. *see* Petrov, K.P. 116632
Curl, R.F. *see* Tittel, F.K. 111300
Curle, P., Colombo, G. Sub-optimal solutions for location and paging areas dimensioning in cellular networks 68278
Curley, A., Perryman, R., Dulai, R. Torque ripple analysis of inverter fed motor drives 91796
Curley, A.J. *see* Chedid, R. 71294
Curley, A.J. *see* Herbert, M.S. 112433
Curley, M.D. On-line reference library aids gas turbine users 91354
Curley, P. *see* Le Blanc, C. 96229
Curley, P. *see* Le Blanc, C. 116457
Curley, P.F., Le Blanc, C., Cheriaux, G., Darpentigny, G., Rousseau, P., Salin, F., Chambaret, J.P., Antonetti, A. Multi-pass amplification of sub-50 fs pulses up to the 4 TW level 107219
Curlier, P. Cryocoolers technologies 60639
Curnow, J. *see* Davies, M. 80373
Curnow, J.S.H., Barron, L., Morrison, G., Sergeant, P. Vulval algesiometer 90285
Curow, M. New insight in operating modes and optimum design of harmonic TED oscillators for W-band applications 62286
Curow, M. *see* Abou-Elnour, A. 73747
Curram, S.P. *see* Athanassopoulos, A.D. 82403
Curran, B.H. *see* Jen-San Tsai 70200
Curran, B.H. *see* Tsai, J.-S. 110883
Curran, B.W. *see* Chen, C.L. 117155
Curran, D.G.T. *see* Glaister, D.S. 90884
Curran, J. *see* Fontenla, D.P. 110914
Curran, W.J. *see* Das, I.J. 90578
Curran Maier, J.M. *see* Salomon, M. 80032
Current, K.W., Hardaker, W.J., Parker, J.E. A layout module generator for CMOS continuous-time filters 106190
Current, K.W., Oklobdzija, V.G., Maksimovic, D. Low-energy logic circuit techniques for multiple valued logic 73314
Current, M., Vella, M.C., Lukaszek, W. Charging effects in ion implantation: measurements and models 105569
Current, M.I. Ion implantation for silicon device manufacturing: a vacuum perspective 84085
Currie, B. *see* Yihong Qi 97118
Currie, G.D. *see* Martin, C.J. 80506
Currie, J.C. *see* Djokic, S.S. 61448
Currie, J.F. *see* Carn, M. 63436
Currie, J.F. *see* Ciureanu, P. 64287
Currie, J.F. *see* Gagnon, G. 74615
Currie, J.F. *see* Gagnon, G. 84142
Currie, J.F. *see* Izquierdo, R. 92927
Currie, J.F. *see* Lecours, A. 100166
Currie, J.F. *see* Ouellet, L. 63434
Currie, J.F. *see* Shah, S.A. 93688
Currie, J.F. *see* Shah, S.A. 108249
Currie, N.C., Alexander, N.T., Tuley, M.T. Unique calibration issues for bistatic radar reflectivity measurements 109715
Currie, N.C., Demma, F.J., Ferris, D.D., Jr., McMillan, R.W., Wicks, M.C. ARPA/NIJ/Rome Laboratory concealed weapon detection program: An overview 119722
Curry, D.G. *see* Bardwell, J.A. 74612
Curry, G.R. A low-cost space-based radar system concept 109750
Curry, G.R. A low-cost space-based radar system concept 109798
Curti, M. *see* Fornari, R. 61158
Curti, M. *see* Fornari, R. 94370

Curtin, M. The bonded-edge squeegee: A hard look at metal 114426

Curtis, A. *see* Kalem, S. 105236

Curtis, A.P. *see* Islam, M.R. 94472

Curtis, C.J. *see* Pehnt, M. 104078

Curtis, H., Marvin, D. One year of flight data from the PASP Plus experiment 70415

Curtis, H.W. *see* O'Gorman, T.J. 73332

Curtis, H.W. *see* Ziegler, J.F. 72344

Curtis, H.W. *see* Ziegler, J.F. 72394

Curtis, J.A. *see* Fiedziuszko, S.J. 93776

Curtis, K.M. *see* Hung, K.S. 96065

Curtis, L. *see* Lee, T.-P. 78880

Curtis, P. *see* Panaretos, S. 97365

Curtis, P. *see* Van Buren, D. 77927

Curtis, P.T. Multifunctional polymer composites 113542

Curtis, R. *see* Suri, M. 91621

Curtoni, A. *see* Boussoukaya, M. 62172

Curuia, M., Culcer, M., Roman, T., Iliescu, M., Steflea, D. Step-by-step motor pressure control mass spectrometer 69879

Curuia, M. *see* Culcer, M. 119929

Curuia, M. *see* Iliescu, M. 119823

Cururachi, S. *see* Ciminelli, C. 116090

Curwen, R. *see* Mundy, J. 86795

Curwen, R.W. *see* Amini, A.A. 70023

Cusani, R., Baccarelli, E., Galli, S. Model parameter estimation for 2D noncausal Gauss-Markov random fields 66627

Cusani, R. *see* Baccarelli, E. 66251

Cusani, R. *see* Baccarelli, E. 97734

Cusani, R. *see* Baccarelli, E. 99267

Cuschieri, J.M. *see* LeBlanc, L.R. 88739

Cusco, R., Talamas, G., Artus, L., Martin, J.M., Gonzalez-Diaz, G. Raman-scattering assessment of Si^+-implantation damage in InP 63239

Cusco, R. *see* Li, Y.B. 105312

Cuseo, J.A., Leidigh, T.J. Meeting high bandwidth science and experiment telemetry requirements over a low bandwidth communication link: variable telemetry protocol 70376

Cushing, D. *see* Zoller, A. 116186

Cushing, M.J., Krolewski, J.G., Stadterman, T.J., Hum, B.T. U.S. Army reliability standardization improvement policy and its impact 80744

Cushman, P., Giron, S., Kindem, J., Maxam, D., Miller, D., Timmermans, C. A high efficiency tile-fiber hodoscope read out by multichannel phototubes 110590

Cusick, T.W., Dobbertin, H. Some new three-valued crosscorrelation functions for binary m-sequences 76793

Cusin, P. *see* Le Moal, P. 121526

Cusinato, P. *see* Bruccoleri, M. 73510

Cussonneau, J.P. *see* Abbes, M. 90145

Cusumano, M.A. *see* Suarez, F.F. 60556

Cuta, J.M., Bennett, W.D., McDonald, C.E., Ravigururajan, T.S. Fabrication and testing of micro-channel heat exchangers 74972

Cuthbert, L.G. *see* Bocci, M. 77572

Cuthbert, L.G. *see* Fonseca, P. 77573

Cuthbertson, A. *see* Decoutere, S. 84324

Cuthbertson, B.D., Tobar, M.E., Ivanov, E.N., Blair, D.G. Parametric back-action effects in a high-Q cryogenic sapphire transducer 89056

Cuthbertson, B.D., Tobar, M.E., Ivanov, E.N., Blair, D.G. An ultra-high quality factor microwave sapphire loaded superconducting cavity transducer 99928

Cuthbertson, J. *see* Mizell, G. 96198

Cutiongco, E.C., Dong Li, Yip-Wah Chung, Bhatia, C.S. Tribological behaviour of amorphous carbon nitride overcoats for magnetic thin-film rigid disks 115838

Cutkosky, M.R. *see* Son, J.S. 79353

Cutler, P.D., Xu, M. Strategies to improve 3D whole-body PET image reconstruction 101204

Cutler, P.H. *see* Miskovsky, N.M. 105003

Cutmore, N.A.F., Kirby, D.G. Maintaining sound and picture synchronisation in a digital video environment 119416

Cutmore, N.G., Eberhardt, J.E., Sowerby, B.D., Watt, J.S. On-line measurement of composition for the Australian mineral and energy industries 110434

Cutolo, A., Isernia, T., Pierri, R., Zeni, L. Infrared laser beam diagnostics: analysis and applications 69527

Cutolo, A., Noce, M.D., Zeni, L. Real-time measurement of transverse-mode-mixing effects in a Q-switched Nd:YAG laser 75880

Cutolo, A. *see* Bernini, R. 83792

Cutolo, A. *see* Bulfone, D. 76053

Cutolo, A. *see* De Venuto, D. 115313

Cutolo, A. *see* Irace, A. 119258

Cutolo, A. *see* Walker, R.P. 96521

Cutrer, D.M., Georges, J.B., Lau, K.Y. Microwave and millimeter-wave fiber optic feeders for wireless microcells 68146

Cutrer, D.M., Georges, J.B., Lau, K.Y. Is a fiber-fed antenna network optimal for in-building wireless signal distribution? 99289

Cutrer, D.M. *see* Arredondo, A. 118973

Cutrer, D.M. *see* Georges, J.B. 99502

Cutrer, D.M. *see* Georges, J.B. 99582

Cutrer, D.M. *see* Ta-Chung Wu 96324

Cutrer, D.M. *see* Yeung, S.P. 78824

Cutrer, D.M. *see* Yeung, S.P. 119150

Cutright, P.J., Girrard, K.M. Frame relay: what does it mean? 67516

Cutsem, T.Van *see* Van Cutsem, T.

Cutts, D.J. DVB conditional access 119357

Cuy, K.M. A solution for power supply at mixed voltages 61594

Cuypers, M. *see* Guilmain, P. 69552

Cuyt, A., Driver, K., Lubinsky, D. Kronecker type theorems, normality and continuity of the multivariate Pade operator 60979

Cuyt, A., Driver, K., Lubinsky, D.S. Nuttall-Pommerenke theorems for homogeneous Pade approximants 60953

Cuyt, A., Driver, K.A., Lubinsky, D.S. A direct approach to convergence of multivariate, nonhomogeneous, Pade approximants 72594

Cuyt, A. *see* Abouir, J. 103711

Cuzin, M. *see* Armengaud, L. 96047

Cuzner, R.M. *see* Shekar Rao, S.C. 111921

Cvelbar, A., Panjan, P., Navinsek, B., Zorko, B., Mandrino, D. In-situ electrical resistivity measurement based study of interactions in Ni-Al thin film 74623

Cvetkovski, G., Petkovska, L., Cundev, M. FEM shaping of the air-gap flux in permanent magnet DC commutator motor 81401

Cvijetic, R. *see* Desai, M.P. 83151

Cvikl, B. On low frequency C-U relationship of the ionized cluster beam, ICB, deposited Ag/n-Si(111) Schottky diodes 105879

Cvikl, B., Horvath, Z.J., Mrden, T. Investigation of possible anomalous thermionic field emission in ICB deposited Ag/n-Si(111) junctions 74686

Cvikl, B. *see* Mrden, T. 74685

Cygan, M.T. *see* Bumm, L.A. 73894

Cygan, R.T., Westrich, H.R., Doughty, D.H. Ionic modeling of lithium manganese spinel materials for use in rechargeable batteries 112286

Cyganski, D. *see* Hill, B.K. 78964

Cypher, R., Meyer auf der Heide, F., Scheideler, C., Vocking, B. Universal algorithms for store-and-forward and wormhole routing 98508

Cyr, D.R. *see* Ritchie, C.J. 69978

Cyr, G.J. *see* Wong, Y.M. 119220

Cyranski, P. The influence of some properties of elements from the II-VI group on vacuum conditions and construction of the MBE system 92771

Cyrusian, S., Fotheringham, G. Characterization of RF/microwave packaging structures 92261

Cyrusian, S. *see* Koschel, A. 92262

Cytron, R.K. *see* Hanks, L. 87197

Cyvoct, G. *see* Blas, F. 79935

Czajkowski, D. *see* Adams, L. 72308

Czajkowski, D. *see* Adams, L. 103467

Czajkowski, D. *see* Lao, R. 79324

Czajkowski, G., Bassani, F., Tredicucci, A. Polaritonic effects in superlattices 94549

Czajkowski, J. Global maritime distress and safety system 88417

Czajkowski, S. *see* Schmidt, K.H. 69627

Czakanski, M. Control elements of the main drive of a tram vehicle 112496

Czakanski, M. *see* Glinka, T. 112504

Czako, V. SDH in the telecommunication network of the Hungarian State Railways (MAV) 99494

Czanderna, A.W., Pern, F.J. Encapsulation of PV modules using ethylene vinyl acetate copolymer as a pottant: a critical review 121896

Czanderna, A.W., Pern, F.J., Click, S. PV module materials and encapsulation research 112353

Czanderna, A.W. *see* Pern, F.J. 112380

Czang-Ho Lee *see* Jong-Hwan Yoon 92911

Czarnecki, L.S. Comments on active power flow and energy accounts in electrical systems with nonsinusoidal waveforms and asymmetry 101789

Czarnecki, L.S., Staroszczyk, Z. On-line measurement of equivalent parameters for harmonic frequencies of a power distribution system and load 71003

Czarnecki, P., Jajszczyk, A. How management systems exchange information with managed resources and among themselves 87601

Czarnecki, P., Jajszczyk, A. Applying GDMO to network management information modelling 98565

Czarnecki, R. *see* Walczyna, A.M. 121920

Czarnecki, S. *see* Carruthers, B. 88848

Czarnecki, W. *see* Wilinski, P. 108612

Czarnojan, W. *see* Bechtel, H. 85271

Czaszejko, T. Some aspects of water tree growth in XLPE insulation exposed to DC voltage 70922

Czebiniak, S. *see* Carbone, J. 100128

Czech, I., Manea, J., Roggen, J., Huyberechts, G., Stals, L., De Schepper, L. Electrical characterisation and reliability studies of thick film gas sensor structures 119758

Czeck, E.C. *see* Lentz, K.P. 61837

Czekaj, D., Surowiak, Z., Gorish, A.V., Kuprienko, A.A., Panich, A.E. Mathematical model of the multilayered piezoelectric sensor 119655

Czellar, S. *see* Ajinenko, I. 90197

Czepkowski, T., Slowko, W. Some limitations of surface profile reconstruction in scanning electron microscopy 117743

Czernichow, T., Piras, A., Imhof, K., Caire, P., Jaccard, Y., Dorizzi, B., Germond, A. Short term electrical load forecasting with artificial neural networks 91069

Czernin, J. *see* Yang, J. 90440

Czerwinski, A.A. *see* Bakowski, A. 63559

Czirok, A., Stanley, H.E., Vicsek, T. Possible origin of power-law behavior in n-tuple Zipf analysis 86017

Czogala, E., Kowalczyk, R. Investigation of selected fuzzy operations and implications for engineering 113132

Czolk, R. *see* Plaschke, M. 110267

Czotscher, E. *see* Esquivias, I. 107229

Czotscher, K., Larkins, E.C., Weisser, S., Benz, W., Daleiden, J., Esquivias, I., Fleissner, J., Maier, M., Ralston, J.D., Romero, B., Schonfelder, A., Rosenzweig, J. Ultra-high-speed InGaAs/GaAs MQW lasers with C-doped active regions 107237

Czotscher, K. *see* Ralston, J.D. 96305

Czotscher, K. *see* Schonfelder, A. 85486

Czub, M., Strupinski, W., Weber, J., Gyuro, I. Investigations on low-temperature MOVPE growth of InGaAs/InP using alternative sources (TBAs, TBP) 103996

Czub, M. *see* Strupinski, W. 105337

Czucha, J., Hasan, S. Effects of the control schemes on the electrical phenomena in the main contact of an AC hybrid circuit breaker 91687

Czuchlewski, S. *see* Cooke, B. 109802

Czuchlewski, S.J., Brown, M.J., Nickel, G.H., Quick, C.R., Schultz, J.F., Casperson, D.E., Cockroft, N.J., Cheng Ho, Quigley, G.P., Priedhorsky, W.C. Preliminary analysis of lidar techniques for regional meteorological studies 111194

Czylwik, A. Channel capacity of intensity-modulated optical transmission systems with direct detection receivers 68431

Czylwik, A. Comparison of the channel capacity of intensity-modulated optical transmission systems with achievable data rates 68432

Czyz, Z.H. Advances in the theory of radar polarimetry 99610

Czyzak, S. *see* Kovacs, M. 109805

Czyzewski, A., Kostek, B. Signalization system for visually impaired people 110951

Czyzewski, A., Kostek, B., Zielinski, S. Synthesis of organ pipe sound based on simplified physical models 99812

D. Lee Jong *see* Jong D. Lee

da Bormida, G. *see* Ponta, D. 112797

da Costa, J.C. *see* Romariz, A.R.S. 104775

da Costa, O.S.D. *see* Queiroz, I.S., Jr. 93682

da Costa, R.S. *see* Caldas, R.P. 102292

da Costa, R.S. *see* Caldas, R.P. 111686

Da Costa, V. *see* Lewis, A. 89290

Da Costa, V. *see* Martin, R.A. 110298

da Cruz, G., Jr., Soares, S. Non-uniform composite representation hydroelectric systems for long-term hydrothermal scheduling 70790

Da Fonte Dias, V. Complex-signal sigma-delta modulators for quadrature bandpass A/D conversion 83176

da Fontoura Costa, L. On jumping spiders and Hough transforms 108583

da Fontoura Costa, L. *see* Campos, A.G. 108581

Da Fontoura Costa, L. *see* Marcondes Cesar, R., Jr. 98322

Da Forno, R. *see* Angrilli, F. 110215

Da Lio, M., Nista, A., Viola, F. An electromagnetic harmonic motor with continuous control of position and torque 91584

Da Ming Wang *see* Wang Da Ming

Da Ren *see* Ren Da

da Rocha, C.A.F., Romano, J.M.T., Macchi, O. Self-learning deconvolution using a cascade of magnitude and phase equalizers 77068

da Rocha, C.S. *see* Gomes Neto, A. 93680

da Rocha, C.S. *see* Oliveira, J.R.S. 97304

da Rocha, J.R.F. *see* Teixeira, A.L.J. 119156

Da Rocha, V.C., Jr, De Macido, D.L. Cryptanalysis of Krouk's public-key cipher 86105

da Rocha Barretto, P.S. An optimum matching circuit for SAW filter 93547

da S. Lacava, J.C. *see* Lumini, F. 97338

Da Silva, A. *see* Sadoulet, B. 100818

da Silva, A.Alves *see* Alves da Silva, A.

da Silva, A.M.Leite *see* Leite da Silva, A.M.

da Silva, A.P.Alves *see* Alves da Silva, A.P.

da Silva, C.M., Lacava, J.C.daS. Mutual impedance of conformal cylindrical microstrip antenna arrays with a protection layer 97378

Da Silva, E. *see* Leston, E. 102165

da Silva, E.A.B., Ghanbari, M. On the performance of linear phase wavelet transforms in low bit-rate image coding 67081

da Silva, E.A.B., Sampson, D.G., Ghanbari, M. Super high definition image coding using wavelet vector quantization 97901

da Silva, E.F., Jr. *see* de Vasconcelos, E.A. 74498

da Silva, E.Luiz *see* Luiz da Silva, E.

da Silva, E.Pereira *see* Pereira da Silva, E.

da Silva, E.R. *see* Abeyratne, S.G. 121610

da Silva, E.R.C., de Valois, U., Meneses, T.O. Zero-current-switching PWM dc/dc converters 102824

da Silva, E.R.C. *see* de Souza Filho, E.B. 102687

da Silva, E.R.C. *see* Ribeiro, R.L.A. 121576

da Silva, H.J.A. *see* Freire, M.M. 68405
Da Silva, H.J.A. *see* Freire, M.M. 99579
da Silva, J.A.P., Prola, C.R., Jr., von der Weid, J.P. Optical low coherence reflectometry for characterization of optical devices 95773
da Silva, J.Barreiro *see* Barreiro da Silva, J.
da Silva, J.Machado *see* Machado da Silva, J.
Da Silva, L.B. *see* Celliers, P. 76312
da Silva, L.E.B., Lambert-Torres, G., da Silva, V.F. An hybrid active power factor compensator using an intelligent hierarchical structure 81589
da Silva, M.C., Franca, P.M., da Silveira, P.D.B. Long-range planning of power distribution systems: secondary networks 91067
Da Silva, M.F. *see* Alfonso, J.E. 75520
Da Silva, M.G., Allan, R.N. Evaluation of outage costs in distribution systems 102130
da Silva, M.I.N. *see* Correa F, J.A. 62764
da Silva, P.A., Jr. *see* Martins, D.C. 121499
da Silva, V.Barbosa *see* Barbosa da Silva, V.
Da Silva, V.F. *see* Cogo, J.R. 111993
da Silva, V.F. *see* da Silva, L.E.B. 81589
da Silva, V.L., Liu, Y., Chowdhury, D., Newhouse, M.A., Gaubatz, U., Rapp, L., Das, C., Gottwald, E., Weiske, C.-J. Error free 8×10 Gbit/s WDM transmission over 360 km of non-zero dispersion shifted fiber without dispersion management 88630
da Silva, V.L., Silberberg, Y. Accumulated photon echo in Er-doped fibers 107512
Da Silva, V.L., Yanming Liu, Antos, A.J., Berkey, G.E., Newhouse, M.A. Comparison of nonlinear coefficient of optical fibers at 1550 nm 75475
Da Silva, V.L. *see* Newhouse, M.A. 68398
da Silveira, P.D.B. *see* da Silva, M.C. 91067
da Silvo, L.C. *see* Branco, M.G.C. 97346
Da Via, C. *see* Bates, R. 80029
Da Via, C. *see* Chen, J.W. 114803
Da Via, C. *see* Geppert, R. 120141
Da Via, C. *see* Irsigler, R. 120139
da Vitoria Lobo, N. *see* Myles, Z. 86450
Da Wan *see* Baoquan Xu 83099
Da Xing *see* Shimauchi, M. 107075
Da Zhang Hu, Zhao Xian Zhou The atmospheric refractivity at near millimeter wave in China region 76422
Da-Ching Lu *see* Yung-Yaw Chen 80435
Da-Te, T. *see* Komatsu, T. 92428
Da-Te, T. *see* Tanaka, A. 67440
Da-Te Tsutomu *see* Tsutomu Da-Te
Da-Wei Chang Stein-Rosenberg type theorems for the USSOR iterative method 72639
Da-Wei Chang Convergence analysis of the parallel multisplitting TOR method 92578
Da-Wei Gong *see* Jian-Hong Zhu 94551
Da-Wei Gu *see* Postlethwaite, I. 80578
Da-Yuan Shih, Lauro, P., Fogel, K., Beaman, B., Yun-Hsin Liao, Hedrick, J. New ball grid array module test sockets 112936
Daalder, J.E. *see* Krantz, N.U. 101746
Daalder, J.E. *see* Sjogren, F.G.A. 101959
Daalmans, G.M. HTS DC SQUIDs for practical applications 64555
Daalmans, G.M. *see* Hildebrandt, G. 64537
Daalmans, G.M. *see* Schambach, J. 95508
Daba, J.S., Bell, M.R. Estimation of the surface reflectivity of SAR images based on a marked Poisson point process model 88673
Dabade, B.M., Ray, P.K. Quality engineering for continuous performance improvement in products and processes: a review and reflections 72336
Dabagov, A.R. *see* Arkhangel'skii, V.A. 120331
Dabak, A.G. Optimal linear receivers for synchronizing pseudo random sequences 67494
Dabas, R.S., Prasad, M.V.S.N., Dutta, H.N., Sarkar, S.K. Anomalous microwave propagation study using multistation cyclone warning radars in the Indian east coast 85869
Dabbagh, G. *see* Barrett, S.E. 105367
Dabbicco, M. *see* Fox, A.M. 76109
Dabbicco, M. *see* Stevens, C.J. 74397
Dabbous, W. *see* Castelluccia, C. 87405
Dabbous, W. *see* Castelluccia, C. 118146
Dabbous, W.S. High performance presentation and transport mechanisms for integrated communication subsystems 118134
Dabbs, B., Lamoree, J., Zavadil, B., Samotyj, M. The Power Quality Database: a software tool for utility engineers to solve problems 70860
Dabdoub, M.-R., Wunnava, S.V. VHDL: a powerful digital design and simulation tool 103329
Dabek, J. *see* Sabchevski, S.P. 73975
Daberkow, M., Pohst, M.E. On computing Hilbert class fields of prime degree 103656
Dabis, H. *see* Palmer, P.L. 67411
Dabke, R.B. *see* Lal, R. 119742
Dabkowski, A. *see* Madhavan, S. 72851
Dablemont, R.C. *see* Hickernell, F.S. 106447
Daboczi, T., Kollar, I. Multiparameter optimization of inverse filtering algorithms 66675
Daboo, C. *see* Adeyeye, A.O. 75116
Daboo, C. *see* Gester, M. 84795
d'Abreu, M. *see* Arunachalam, P. 93209
Dabrin, C. *see* Deschacht, D. 93261
Dabrowska-Kauf, G. Modelling the conflicts in controlling the operational use of heavy current equipment 81374
Dabrowski, A. *see* Ogorzalek, M.J. 86171
Dabrowski, R., Wolinski, T.R., Brodzik, M., Dziaduszek, J., Jarmolik, A., Bock, W.J., Klosowicz, S. Polar systems with induced A_d phase and selective reflection for high pressure sensing 100391
Dabrowski, R. *see* Wolinski, T.R. 100084
Dabrowski, W. *see* Dubbs, T. 80026
Dabrowski, W. *see* Jarron, P. 104359
Dabrowski, W. *see* Ogorzalek, M.J. 86171
Dacar, B. *see* Hrovat, M. 81736
Dachs, C., Roubaud, F., Palau, J.-M., Bruguier, G., Gasiot, J., Calvet, M.-C., Calvel, P., Tastet, P. Evidence of the sensitivity inhomogeneity of power MOSFETs' cells to single event burnout 106047
Dachs, C. *see* Johnson, G.H. 63689
Dachs, C. *see* Sudre, C. 84542
Dachun Zhao *see* Zhao Dachun
Dacle, P.van *see* van Dacle, P.
Daclon, F. *see* Bocchetta, C.J. 79809
Daclon, F. *see* Bulfone, D. 76053
Daclon, F. *see* Walker, R.P. 96521
Dadap, J.I., Hu, X.F., Anderson, M.H., Downer, M.C., Lowell, J.K., Aktsipetrov, O.A. Separation of bulk and interface contributions by optical second harmonic electroreflectance spectroscopy of a Si(001) metal-oxide-semiconductor structure 107584
D'Addario, L.R. *see* Obermaier, S.J. 101648
D'Addario, P. *see* Wills, B. 71768
Dade Zhao, Yanmao Deng, Honggu Qin, Jinrong Cao, Wenhui Zhang, Kai Shao A novel V-band microstrip GaAs Gunn oscillator 73768
Dadej, A. *see* Floreani, D.J. 109348
Dadej, A.J. *see* Mahajan, A.O. 78526
Dadgar, A., Kuttler, M., Strassburg, M., Heitz, R., Bimberg, D., Hyeon, J.Y., Grundemann, T., Schumann, H. 10^{16} cm^{-3} electrically active and thermally stable deep Rh acceptors in InP 92784
Dadic, V. Problems of the instrumentation for sea current measurements 90819
Dae, M.W. *see* Kalki, K. 90359
Dae, M.W. *see* Kalki, K. 101098
Dae Hee Youn *see* Kyoung-Hwan Ju 86214
Dae Hee Youn *see* Young Tae Han 79196
Dae Hee Youn *see* Youn Dae Hee
Dae Ho Kim *see* Ick Hoon Jang 98241
Dae Hyoung Hong *see* Jun Hwan Oh 88145
Dae Hyun Ryu, Jae Chang Kim Motion search region prediction using neural network vector quantization 67379
Dae Ig Chang *see* Seung Chang Park 98587
Dae Ik Kim, Sang Tae Lee, Jn Ik Joe, Byoung Sil Chon A study of real-time SHE-PWM pattern using ordered orthogonal function 61646
Dae Kim Geun *see* Geun Dae Kim
Dae Kon Oh *see* Beom-Hoan O 116563
Dae Kon Oh *see* Chongdae Park 65191
Dae Kon Oh *see* Chongdae Park 116526
Dae Mann Kim *see* Jeong-Soo Lee 105851
Dae Park Chong *see* Chong Dae Park
Dae Sik Hong *see* Cheol Woo You 97521
Dae Sik Kim, Poong Hyun Seong Automatic fault diagnosis method for resistive network using multiple excitations 82896
Dae Sung Yoon *see* Kwangsoo No 75036
Dae Ung Kim *see* Kun Suk Kim 67691
Dae Young Jang *see* Kyung Hwan Cha 98960
Dae-Gwan Kang, Young-June Park, Hong-Shick Min V_{GS}–V_{TH} scaling for low power CMOS circuit 84595
Dae-Gyu Park, Zhi Chen, Botchkarev, A.E., Mohammad, S.N., Morkoc, H. Interface properties of Si$_3$N$_4$/Si/n-GaAs metal-insulator-semiconductor structure using a Si interlayer 114839
Dae-Hee Lee *see* Jae-Duk Moon 106373
Dae-Hee Youn *see* Sung-Chul Han 109963
Dae-Hyun Chung *see* Seung-Kwon Paek 109931
Dae-Hyun Han, Kwon, M., Young-Soo Kim Impedance measurement for various vacuum components in Pohang Light Source storage ring 69662
Dae-Hyun Han, Young-Soo Kim, Kwon, M. Two port cavity Q measurement using scattering parameters 89471
Dae-Il Oh, Sun-Young Hwang Synchronisation detection in an M-ary PSK system with a rate-selectable punctured convolutional code 76777
Dae-Il Oh, Yong Kim, Sun-Young Hwang A VLSI architecture of the trellis decoder block for the digital HDTV Grand Alliance system 109911
Dae-Seong Kang A noise tolerant algorithm for the object recognition of warning system 67105
Dae-Sik Mun *see* Taek-Beom Koh 74565
Dae-Sung Cho, Rae-Hong Park Object-oriented coder using block-based motion vectors and residual image compensation 86621
Dae-Woong Chung *see* Jong-Woo Choi 71295
Dae-Young Kim *see* Jin-Tae Oh 118262
Dae-Young Lee *see* Kyoung-Whoan Suh 78364
Daehaeng Lee, Soonchil Lee Electric-field measurement near a ring antenna by a new field sensor using piezoelectric resonance 119622
DaeHun Nyang *see* Hyo Taek Lim 97536
Daehyoung Hong, Yongwoon Moon Performance analysis of the soft handover technique for the CDMA cellular systems 68180
Dael, A., Jorda, J.P., Kircher, F., Mayri, C. Guide lines for the design of very large aperture quadrupole magnets 90053
Dael, A. *see* Baze, J.M. 90186
Dael, A. *see* Gallet, B. 90054
Daele, M.Van *see* Van Daele, M.
Daele, P.Van *see* Van Daele, P.
Daemen, E. *see* Kalnitsky, A. 63700
Daemen, J. *see* Rijmen, V. 66508
Daemmrich, A. Non-standard safety: scientific expertise and pharmaceutical drug testing before federal regulation 92113
Daeseok Rho, Kita, H., Hasegawa, J., Nishiya, K. A study on the optimal voltage regulation methods in power distribution systems interconnected with dispersed energy storage and generation systems 81048
Daesik Hong *see* Cheolwoo You 108746
Daeumling, M. *see* Grindatto, D.P. 75304
Daeweritz, L. *see* Hey, R. 62752
Daeyoung Jang *see* Sunghan Kim 79160
Daeyoung Kim, Narasimha, M.J., Cox, D.C. An improved single frequency estimator 86204
DaFeng Weng, Yuvarajan, S. Analysis of a boost-type power factor corrector using a conductance model 70657
Daffara, F. A fuzzy-rule-based phase error detector 87273
Daffara, F., Adami, O. A novel carrier recovery technique for orthogonal multicarrier systems 88287
Daffara, F. *see* De Bot, P.G.M. 99720
Daffner, G. INTELSAT restructuring: how can the public interest be served? 88421
Dafgard, A. *see* Wang, J.P. 101869
Dafgard, A. *see* Wang, J.P. 101880
Dafinei, I. *see* Peigneux, J.P. 120164
Dafinova, R., Pelova, V. Doubly sensitized manganese band in halophosphate luminophores 95975
Dafner, G. *see* Nimberger, A. 112190
Dafni, U. *see* Lebet, J.P. 70212
Dafnis, A. *see* Berger, F. 81624
Dafu Cui *see* Xinhui Zhang 94511
Dafu Cui *see* Cui Dafu
Daga, O.P. *see* Beister, G. 65175
Daga, O.P. *see* Beister, G. 96380
Dagan Feng *see* Xianjin Li 120303
Dagang Fang, Dongxing Jin FDTD-based two-dimensional frequency-dependent numerical imaging for radar scattering 99616
Dagang Fang *see* Suomin Cui 97046
Dagang Fang *see* Fang Dagang
Dagarin, B.P., Taenaka, R.K., Stofel, E.J. Galileo probe battery system 80571
Dagel, D.J., Mallouris, C.M., Doyle, J.R. Radical and film growth kinetics in methane radio-frequency glow discharges 72881
Dagelinckx, M.H.P. *see* van Heesch, E.J.M. 81069
Dagenais, M. *see* Atia, W.A. 110403
Dagenais, M. *see* Chih-Cheng Lu 68359
Dagenais, M. *see* Dowd, P. 78919
Dagenais, M. *see* Vusirikala, V. 88484
Dagenais, M. *see* Vusirikala, V. 96382
Dagenhart, J.B. *see* Clapp, A.L. 121195
Dagenhart, J.B. *see* Landinger, C.C. 121196
Dagens, B. *see* Bennefont, S. 96291
Dagiuklas, A., Ghanbari, M. On the improvement of the quality of service of video services in an asynchronous transfer mode network using forced frame refreshment 108925
Dagle, J.E. *see* Donnelly, M.K. 70816
Dagless, E.L. *see* Bilinski, K. 113830
Dagli, C. *see* Enke, D. 98033
Dagli, C.H. *see* Moganti, M. 62455
Dagli, C.H. *see* Moganti, M. 73851
Dagli, N. *see* Spickermann, R. 64797
Dagli, N. *see* Spickermann, R. 64804
Dagli, N. *see* Spickermann, R. 75572
Dagnall, G. *see* Carter-Coman, C. 103962
Dagnelie, G., Massof, R.W. Toward an artificial eye 70222
D'Agostino, F. *see* Corona, P. 116876
D'Agostino, M. *see* Mastinu, P.F. 68945
D'Agostino, S.A. Application of machine vision to electronic toll and traffic management 67191
Dague, G. *see* Cauquelin, C. 121324
Daguin-Moynot, G. *see* Abbes, M. 90145
Dagys, M., Kancleris, Z., Orsevskis, V., Simniskis, R. Direct measurement of short high power microwave pulses 119849
Dah-Weih Duan *see* Rahmat-Samii, Y. 97324
Dahake, S.L. *see* Saxena, A.K. 119834
Dahan, F. *see* Weiser, K. 116226
Daheng Wang *see* De-Gui Sun 85219
Dahimene, M. *see* Ko, K.K. 94759
Dahint, R. *see* Josse, F. 84743
Dahl, B. *see* Moen, S.D. 104373
Dahl, C., Jusserand, B., Etienne, B. Raman scattering by plasmons in deep etched quantum wires 62981
Dahl, C.A., Strausberg, R.L. Revolutionizing biology through leveraging technology 90263
Dahl, H. *see* Evers, T. 96954
Dahl, M., Claesson, I. A neural network trained microphone array system for noise reduction 108992
Dahl, M. *see* Meyer, R. 74404
Dahl, M. *see* Stuehler, J. 74405
Dahl, R.E. *see* Mingui Sun 110835
Dahl Mortensen, M. *see* Dich, M. 76648
Dahl-Jensen, E. *see* Adam, W. 69709
Dahl-Jensen, E. *see* Adam, W. 69732
Dahlberg, E.D. *see* Foss, S. 84773
Dahlberg, E.D. *see* Mitchler, P.D. 84772
Dahlberg, E.D. *see* Prokscha, R. 119843
Dahlberg, L.-G. *see* Windmar, D. 95264

Dahlbom, M., Chatziioannou, A., Hoh, C.K. Resolution characterization of continuous axial sampling in whole body PET 101111
Dahlbom, M. *see* Bruckbauer, T. 90431
Dahlbom, M. *see* Levin, C.S. 101119
Dahlbom, M. *see* Min-Jen Tsai 90443
Dahlbom, M. *see* Yang, J. 90440
Dahleh, M.Dillon *see* Dillon Dahleh, M.
Dahlen, N.J., Caylor, T.L., Goldner, E.L. Tightly coupled IFOG-based GGP implementation and field test results 80705
Dahler, P. *see* Steimer, P. 91663
Dahlerup-Petersen, K. *see* Rodriguez-Mateos, F. 90046
Dahlfors, F., Pilling, J. Integrated information systems in a privatized and deregulated electricity market 80816
Dahlfors, F., Wilhelmsson, K. Managing of power networks and business processes in a deregulated market 101857
Dahlgaard, H. Polonium-210 in mussels and fish from the Baltic-North Sea estuary 80673
Dahlgren, F. *see* Smith, B.A. 102172
Dahlgren, K. Scaleable switching scheme for fast Ethernet 78036
Dahlgren, K., Olson, J. Organizational factors and nuclear power plant safety: a process oriented approach 81211
Dahlgren, P. Oscillation control in logic simulation using dynamic dominance graphs 82848
Dahlgren, P., Liden, P. A fault model for switch-level simulation of gate-to-drain shorts 106170
Dahlgren, U. *see* Svedin, J. 117063
Dahlhans, R. *see* Janas, D. 103602
Dahlheimer, B. *see* Kelly, M.K. 105687
Dahlheimer, B. *see* Kelly, M.K. 105707
Dahlin, M.D. *see* Anderson, T.E. 67744
Dahlke, W. *see* Lasher, M. 89245
Dahlke, W. *see* Soltan, P. 100196
Dahlman, E., Jamal, K. Wide-band services in a DS-CDMA based FPLMTS system 118898
Dahlman, E. *see* Jamal, K. 109512
Dahlmeyer, D. EDFA testing with the TDE measurement method 75865
Dahlmeyer, D. The choice of architecture for product testing systems. I 103414
Dahlmeyer, D. The architecture and choice of test systems. II 112868
Dahm, A.J. *see* Van Keuls, F.W. 105298
Dahm, G. *see* Koops, H.W.P. 105807
Dahman, H., Khalifa, M., Brunel, M., Rezig, B. Iron pyrite films prepared by sulfur vapor transport 113428
Dahmen, W. *see* Carnicer, J.M. 66746
Dahms, U. *see* Demoli, N. 77393
Dahms, U. *see* Gruber, H. 86901
Dahn, J.R. *see* Gao, Y. 71637
Dahn, J.R. *see* Gao, Y. 81713
Dahn, J.R. *see* Gao, Y. 112201
Dahn, J.R. *see* Wilson, A.M. 81671
Dahn, J.R. *see* Wilson, A.M. 112300
Dahn, J.R. *see* Wu Li 81702
Dahne, L. *see* Werncke, W. 85630
Dahne, L. *see* Werncke, W. 96741
Dahong Xie *see* Ke Chen 97651
Dahong Xie *see* Ke Chen 108196
Dahong Xie *see* Xie Dahong
Dahono, P.A., Qamaruzzaman A new reduced order model of induction motors 81445
Dahono, P.A., Sato, Y., Kataoka, T. Analysis and minimization of ripple components of input current and voltage of PWM inverters 102847
Dahringer, D. *see* Chirovsky, L.M.F. 85334
Dahringer, D. *see* Ford, J.E. 95642
Dahringer, D. *see* Krishnamoorthy, A.V. 65002
Dahringer, D. *see* Woodward, T.K. 78867
Dahringer, D. *see* Woodward, T.K. 88610
Dahringer, D.W. *see* Lyons, A.M. 83561
Dahsiung Hsu *see* Hsu Dahsiung
Dahua Qin, Weichum Ye Effect of transition width variation along thickness of medium to the pulse amplitude and width 115777
Dahua Zhang, Milewski, P.D., Lichtenwalner, D.J., Kolbas, R.M., Kingon, A.I., Zavada, J.M. Origin of light emission from silicon nanoparticles 85259
Dahua Zhang, Zhang, T., Kolbas, R.M., Zavada, J.M. Optical characteristics of erbium doped AlGaAs-GaAs heterostructures 85262
Dahwey Chu *see* Wong, C.C. 74987
Dai, B. *see* Zhu, B. 97613
Dai, C. *see* Kameyama, A. 62289
Dai, C.J. *see* Barabanov, I.R. 110568
Dai, D., Lutz, C.R., Jr., Musante, C.F., Yngvesson, K.S., Lau, K.M., Jacobs, E.S., Mueller, E.R., Waldman, J. AlGaAs/GaAs cyclotron resonance detectors for mm-wave and sub-mm wave regions 62301
Dai, D. *see* Chantler, M.J. 88721
Dai, D.Y. *see* Lane, D.M. 68739
Dai, F. *see* Gale, G. 114925
Dai, F. *see* Gu, C. 84957
Dai, F. *see* Gu, C. 84961
Dai, F. *see* Gu, C. 96783
Dai, H. *see* Tohme, W.G. 110865
Dai, H.Y. *see* Bird, D.J. 110586
Dai, J. *see* Saw, J. 109383
Dai, L. Sensitivity analysis of stationary performance measures for Markov chains 72468
Dai, M., Baylou, P., Humbert, L., Najim, M. Image segmentation by a dynamic thresholding using edge detection based on cascaded uniform filters 98326
Dai, R. *see* Xiong, S. 84444
Dai, S. *see* Morrish, A.H. 106506
Dai, W., de Beler, M., Rowles, C.D. Intenema: an intelligent tool for telecommunication network maintenance 67685
Dai, W.W.-M. Silicon-on-silicon multichip modules: technology and applications 83678
Dai, W.W.-M. *see* Darnauer, J. 61521
Dai, W.W.-M. *see* Weikai Sun 82858
Dai, W.W.-M. *see* Xi, J.G. 62533
Dai, W.W.-M. *see* Xi, J.G. 82860
Dai, W.Wei-Ming *see* Wei-Ming Dai, W.
Dai, W.W.M. *see* Qing Zhu 60657
Dai, W.W.M. *see* Qing Zhu 104650
Dai, X., Gretsch, R. Fast and accurate method to measure interharmonics in power systems 81185
Dai, X., Sasaki, O., Greivenkamp, J.E., Suzuki, T. Measurement of two-dimensional small rotation angles by using orthogonal parallel interference patterns 119914
Dai, X. *see* Ja, Y.H. 85006
Dai, Y. The realization and performance analysis of noise spectral density estimation using a digital bandpass filter 66619
Dai, Y., Nakano, Y. Extraction of facial images from the complex background using color information and SGLD matrices 67463
Dai, Y.H., Yuan, Y. Convergence properties of the Fletcher-Reeves method 60965
Dai Bau-Tong *see* Bau-Tong Dai
Dai Donglai *see* Donglai Dai
Dai Fanyou *see* Siyal, M.Y. 86814
Dai Fei, Cai Xiang, Lin Guanwei, Wang Xinfeng Simulation system for Henan power system 120980
Dai Fei *see* Cai Xiang 111502
Dai Fengmei *see* Chen Shuchun 64619
Dai Fengmei *see* Chen Shuchun 95960
Dai Fulong *see* Shi Ling 107532
Dai Fulong *see* Fulong Dai
Dai Guangsen, Liu Chengjun, Ding Bainan, Cheng Nian'an Voltage pulse and electron beam current measurement on the 10 MeV LIA 110494
Dai Guangsen *see* Xhu Dajun 62541
Dai Guangxi *see* Li Zuyu 69773
Dai Guanzhong *see* Gao Jiang 117335
Dai Guanzhong *see* Zhang Youmin 70301
Dai Guorui *see* Yung Chongzhi 69367
Dai Heping *see* Heping Dai
Dai Hongwei, Yu Yixin, Huang Chunhua, Wang Chengshan, Ga Shaoyun, Xiao Jian, Zhou Yi, Xin Rui Optimal planning of distribution substation locations and sizes–model and algorithm 81040
Dai Hongwei *see* Yu Yixin 111457
Dai Hung Nguyen *see* Nguyen Dai Hung
Dai Hyun Kim *see* Kostrzewski, A. 108287
Dai Jian-Hua *see* Jian-Hua Dai
Dai Jiang-Whai *see* Jiang-Whai Dai
Dai Jianming, Wang Chingyue, Zhang Qiang, Deng Peizhen Experimental studies on CW and self-mode-locked Ti:sapphire lasers 75871
Dai Jizhi *see* Sun Shouyao 64749
Dai Kangqin *see* Chen Haijuan 116405
Dai Liyi *see* Liyi Dai
Dai Ning, Chen Yi-Yao Direct digital high-frequency synthesis 73135
Dai Ning *see* Ning Dai
Dai Rongching *see* Rongching Dai
Dai Shixiong *see* Shixiong Dai
Dai Shuanghua *see* Shuanghua Dai
Dai Wayne Wei-Ming *see* Wayne Wei-Ming Dai
Dai Xianda *see* Xianda Dai
Dai Xiaofang, Wei Yuelin, Ge Baozhen, Chen Benzhi, Chen Xingwu, Wu Jizong Study on improving precision of aspheric surfaces test by computer-generated hologram 65565
Dai Xiaofang *see* Zhang Yimo 117816
Dai Xiaowen *see* Xiaowen Dai
Dai Ximing *see* Ximing Dai
Dai Xu-Chu *see* Xu Pei-Xia 118511
Dai Ying *see* Ying Dai
Dai Yisong *see* Yisong Dai
Dai Yong *see* Yong Dai
Dai Zhao *see* Hochst, H. 84782
Dai Zheng *see* Zheng Dai
Dai Zhengyu *see* Zhu Shengyun 110632
Dai Zhongning *see* He Guoyu 65975
Dai Zhongning *see* He Guoyu 97085
Dai-Seub Choi, Chang-Suk Kim, Hasegawa, J. An application of genetic algorithms to the network reconfiguration in distribution for loss minimization and load balancing problem. II 81032
Daiber, A.J. *see* Heanue, J.F. 116011
Daibo, M. *see* Uzawa, Y. 106914
Daida, J.M. *see* Vesecky, J.F. 111234
Daido, H., Ninomiya, S., Imani, T., Kodama, R., Takagi, M., Kato, Y., Murai, K., Zhang, J., You, Y., Gu, Y. Nickel like soft-X-ray lasing at the wavelengths between 14 and 7.9 nm 96101
Daido, H. *see* Kato, Y. 116299
Daido, H. *see* Yoon, G.Y. 85556
Daido, H. *see* Zhang, T. 76265
Daido, U. *see* Shirakawa, K. 114335
D'Aiello, R. *see* Osterwald, C.R. 103030
D'Aiello, R. *see* Osterwald, C.R. 112356
Daigle, A. *see* Garant, E. 101702
Daigle, A. *see* Okapuu-von Veh, A. 102927
Daigle, B. Printed circuit board material and design considerations for wireless applications 114416
Daigle, J.N., Giacomazzi, P., Petorovic, R. Contention protocol performance in wireless personal communication systems 99184
Daigo, M., Hirota, N., Iinuma, M., Masaike, A., Shake, I., Shimizu, H.M., Takahashi, Y., Takizawa, R., Terazima, M., Yabuzaki, T. Proton polarization at room temperature 120105
Daiku, N. *see* Kuwahara, K. 83777
Dail, R. *see* Gutierrez, C.J. 75180
Dailey, D.J., Bell, B.M. A method for GPS positioning 99403
Dailianas, A., Bovopoulos, A. Real-time admission control algorithms with delay and loss guarantees in ATM networks 87917
Dailianas, A. *see* England, P. 68851
Daily, T. *see* Elliott, S.R. 80104
Daimon, M. *see* Shimokawa, K. 84806
Dain, L.Le *see* Le Dain, L.
Dainichenko, N.V., Soplyachenko, V.N., Serebryakov, A.V. Remagnetization of permanent magnets 75092
Dainty, J.C. *see* Bruce, N.C. 100057
Dainty, J.C. *see* Jones, R. 107627
Dainty, J.C. *see* Kluckers, V.A. 98030
Dainty, P. *see* Pignon, D. 64848
Dairaku, S. *see* Suzuki, K. 74141
Dairun Zhang *see* Zhang Dairun
Daish, M. Power monitoring software improves measurements, simplifies analysis, and generates report 91079
Daisuke, S. *see* Khurshudov, A. 115469
Daita, A. *see* Kuruvilla, B.A. 84151
Daito, I. *see* Yosoi, M. 120231
Daito, M. *see* Kozu, S. 73423
Daito, M. *see* Yonezawa, N. 73453
Daiwoo Kim *see* Oh, K.J. 110366
Dajevic, M. *see* Popovic, Z. 98986
Dajic, N. Forecast of the development of world energy by the middle of the 21st Century 81199
Dajko, G. *see* Arefiev, A. 69787
Dajun Xhu *see* Xhu Dajun
Dajun Zhu *see* Zhu Dajun
D'Ajuz, A., Martinez, M.L.B., Pazo Blanco, F.A.F. Supplying small loads at reasonable cost 81098
D'Ajuz, A. *see* De Lima Filho, F. 112155
Dakang Wu An efficient signaling structure for ATM networks 87346
Dake, M.D. *see* Rubin, G.D. 90324
Dakhin, A.M. *see* Agranov, G.A. 119726
Dakin, J.P. *see* Volanthen, M. 69231
Dakin, J.P. *see* Volanthen, M. 79511
Dakir, A., Nowak, M., Grochal, P., Barlik, R. Simulation of a AC-drive with PWM current inverter and induction machine 71779
Dakjin Wu *see* Wu Dakjin
Dakshinamurthy, R. *see* Sands, N.P. 73578
Dakuginow, S., Apides, R., Lacap, E. Thermal measurement standards for ASIC packaging 82262
Dal Ahn *see* Jeha Kim 83345
Dal Corso, F. *see* De Giorgi, M. 120221
Dal Fiume, D., Labanti, C., Mauri, A., Gambaccini, M., Basili, A., Landini, G., Solieri, M. A position sensitive X-ray detector based on scintillation mosaic 101038
Dal Kwack Kae *see* Kae Dal Kwack
Dal Lago, A., Lobina, A., Urciuoli, R. A simple solution for high performance, cost-effective filtering: a new technique widens the tuning range of TM-mode dielectric resonator filters 62185
Dal Yinming *see* Yinming Dal
Dal-Ho Im, Jung-Pyo Hong, Sang-Baeck Yoon, In-Soung Jung The optimum design of permanent magnet linear synchronous motor 102761
Dal-Ho Im, Sang-Baeck Yoon, Jung-Pyo Hong, Chang-Hoi Hur The analysis of the slit type linear induction motor considering the pitch boundary condition 102756
Dal-Ho Im, Sang-Baeck Yoon, Jung-Pyo Hong, Chang-Hoi Hur, Geun-Ung Oh The optimum design of the slit type linear induction motor 102760
Dal-Ho Im *see* Chang-Eob Kim 102723
Dal-Zilio, S., Bernard, T.M. Learning binary shapes as compression and its cellular implementation 87022
Dalabeih, D.M., Shaheen, M.S., Othman, K.A. Statistical evaluation of transition rates and state probabilities of generating units 71117
Dalageorgos, K. *see* Litscher, G. 110718
Dalakyan, A.T., Shevchenko, S.S., Tulupenko, V.N., Firsov, D.A. Stimulated FIR radiation of hot holes from uniaxially deformed germanium: Influence of impurity concentration and temperature 116557
Dalakyan, A.T. *see* Belykh, V.G. 105109
Dalal, S. *see* Satyanarayana, S. 79133
Dalal, V. *see* Kaushal, S. 92836
Dalal, V.L., Kaushal, S., Knox, R., Han, K., Martin, F. Significant improvements in stability of amorphous silicon solar cells by using ECR deposition 92901
Dalal, V.L. *see* Luft, W. 112343
D'Albuquerque e Castro, J. *see* Ferreira, M.S. 64385
Dalby, A.B. Cross talk analysis on multiple coupled transmission lines (the calculation of transfer functions on multiple coupled transmission lines in an inhomogeneous dielectric medium) 65920

Dale, A., Loveridge, D. Technology assessment–where is it going? 103364
Dale, B.G. *see* Dewsbury, M. 73876
Dale, B.G. *see* McTeer, M.M. 92309
Dale, C. *see* LaBel, K. 70337
Dale, C.J., Marshall, P.W., Fritz, M.E., de La Chapelle, M., Carts, M.A., LaBel, K.A. System level radiation response of a high performance fiber optic data bus 80562
Dale, C.J., Marshall, P.W., Fritz, M.E., de La Chapelle, M., Carts, M.A., LaBel, K.A. System level radiation response of a high performance fiber optic data bus 109693
Dale, C.J. *see* Hopkinson, G.R. 69257
Dale, C.J. *see* LaBel, K.A. 80570
Dale, C.J. *see* McMorrow, D. 74743
Dale, C.J. *see* McMorrow, D. 106046
Dale, C.J. *see* Marshall, P.W. 68378
Dale, C.J. *see* Marshall, P.W. 88410
Dale, J. *see* De Roure, D. 87968
Dale, N. *see* Almstrum, V.L. 103337
Dale, R.S. *see* Rastomjee, C.S. 105567
Dale, S., Holmberg, M., Larsson, H., Persson, M., Ribbe, T., Elmqvist, H., Bone, D., Brodin, L.-A., Lindstrom, C., Jorfeldt, L. A mobile tomographic gamma camera system for acute studies based on Ectomography 101095
Dale, S. *see* Holmberg, M. 101259
Dale, V. *see* Krisans, Z. 120962
Daleiden, J., Eisele, K., Keller, R., Vollrath, G., Fiedler, F., Ralston, J.D. InGaAsP/InP 1.55-μm lasers with chemically assisted ion beam-etched facets 65232
Daleiden, J. *see* Czotscher, K. 107237
Daleiden, J. *see* Eisele, K.M. 84158
Daleiden, J. *see* Ralston, J.D. 96305
d'Alesandro, A. *see* Smith, D.A. 78885
d'Alessandro, A. *see* Smith, D.A. 109652
D'Alessandro, G., Kent, A.J., Oppo, G.-L. Centre manifold reduction of laser equations with transverse effects: an approach based on modal expansion 107424
D'Alessandro, M. *see* Bortoletto, F. 100137
D'Alessandro, R. *see* Arefiev, A. 69787
D'Alessandro, R. *see* Arefiev, A. 100805
D'Alessio, E. *see* Gori, M. 101622
D'Alessio, E. *see* Gori, M. 101625
Daley, S. *see* Dingli Yu 92332
Daley, S. *see* Preston, G.J. 99834
Daley, S. *see* Shields, D.N. 103491
Dalgic, I. *see* Tobagi, F.A. 109048
Dali Mao *see* Mao Dali
Daliang Sun *see* Sun Daliang
Dalianis, P.J. *see* Tzafestas, S.G. 110037
Dalibor, T. *see* Kimoto, T. 104049
Daliento, S., Sanseverino, A., Spirito, P., Zeni, L. Spatial distribution of recombination centers in electron irradiated silicon epitaxial layers 114580
Dalinenko, I.N., Malyarov, A.V., Vishnevsky, G.I., Vydrevitch, M.G., Kossov, V.G., Lazovsky, L.Yu., Golovkin, S.V. Design and fabrication technology of thinned backside-excited CCD imagers and the family of the intensified electron-bombarded CCD image tubes 79524
Dalinenko, I.N., Malyarov, A.V., Vishnevsky, G.I., Vydrevitch, M.G., Kossov, V.G., Lazovsky, L.Y., Golovkin, S.V. Design and fabrication technology of thinned backside-excited CCD imagers and the family of the intensified electron-bombarded CCD image tubes 100094
Dalinenko, I.N. *see* Golovkin, S.V. 80125
Dall, I.W., Shellshear, A.J. Performance of an improved model based data fusion algorithm for OTHR data 68610
Dall, I.W. *see* White, K.A.B. 119270
Dall, J., Woelders, K., Madsen, S.N. Science data collection with polarimetric SAR 111106
Dalla Betta, G.F., Boscardin, M., Verzellesi, G., Pignatel, G.U., Fazzi, A., Soncini, G. A test chip for the development of PIN-type silicon radiation detectors 120204
Dalla Betta, G.F. *see* Paccagnella, A. 74738
Dalla Betta, G.F. *see* Paccagnella, A. 106014
Dalla Palma, L. *see* Arfelli, F. 90367
Dalla Palma, L. *see* Arfelli, F. 90432
Dalla Santa, F. *see* Arefiev, A. 100805
Dallago, E., Sassone, G. Single-cycle quasi-resonant converters as sigma-delta audio power stages 119503
Dallal, Y.E., Jacobsen, G., Shamai, S. On the impact of laser's relaxation oscillation on quadratically detected heterodyned lightwave signals 68388
Dallal, Y.E., Jacobsen, G., Shamai, S. On envelope detection of noisy phase signals with asymptotically small linewidths 99544
Dallal, Y.E., Jacobsen, G., Shamai, S. Upper bounds for noisy phase optical communication utilizing truncated Gaussian quadratic functionals 99545
Dall'ara, R. *see* D'Ottavi, A. 85705
Dall'Ara, R. *see* Mecozzi, A. 96679
Dallas, J.L., Stephen, M.A., Afzal, R.S. Survivability demonstration and characterization of a multi-billion shot, Q-switched, Nd:YAG laser 107456
Dallas, J.P. *see* Borowski, M. 74525
Dallavalle, C. *see* Crippa, C. 109505
Dalle, C., Capoen, B., Friscourt, M.R., Campoli, B., Dorel, M., Dua, C. Millimeterwave high power pulsed silicon IMPATT oscillator modelling 73730
Dalle, C. *see* Harari, J. 64925
Dalle, C. *see* Harari, J. 93816
Dalle, P. *see* Dejean, P. 77424
Dalle Mese, E. *see* Berizzi, F. 68658
Dallery, Y. *see* Bouhchouch, A. 87400
Dallet, D., Valeze, F., Kadionik, P., Benkais, M., Marchegay, P. Dynamic testing of A/D converters: how many samples for a given precision? 114036
Dall'Oglio, G., Morgante, G., Pizzo, L., Valenziano, L., Merluzzi, P. Interstellar dust spectral index: a balloon-borne experiment 109843
Dall'Oglio, G. *see* Mandolesi, N. 99703
Dall'Oglio, G. *see* Smoot, G.F. 99702
D'Almagne, B. *see* Adam, W. 69709
Dalmaso, R.C., Abdalla, H., Jr. ASK/PSK modulator in planar structures 104824
Dalmia, A.K., Trivedi, M. High-speed extraction of 3D structure of selectable quality using a translating camera 98050
Dalmia, A.K., Trivedi, M. Depth extraction using a single moving camera: an integration of depth from motion and depth from stereo 108484
Dalpasso, M., Favalli, M. Binary decision diagrams (BDDs) for the test pattern generation 95186
Dalpasso, M., Favalli, M., Olivo, P. I_{DDQ} test invalidation by break faults 63944
Dalpasso, M. *see* Favalli, M. 73271
Dalrymple, R.E. *see* Crowley, J.D. 73705
Dalton, A.M. *see* Kosel, P.B. 100010
Dalton, B. *see* Kaucic, R. 66598
Dalton, C.J. Wide-screen production engineering–an overview from source to display 119413
Dalton, D. *see* Spalding, J. 73476
Dalton, J.G., III, Garrison, D.L., Fallon, C.M. Value-based reliability transmission planning 102041
Dalton, J.J., Liu, J., Moses, A.J., Horrocks, D.H., Basak, A. A two-dimensional single sheet tester incorporating controlled magnetization direction 69451
Dalton, K.S.H. *see* Daly, M.S. 63023
Dalton, L.R., Harper, A.W. Photoactive organic materials for electro-optic modulator and high density optical memory applications 106740
D'Alvano, F., Badra, R.E. A simple low-cost laboratory hardware for noise generation 60456
D'Alvano, F. *see* Badra, R.E. 97654
D'Alvano, F. *see* Stefanelli, M.C. 101397
D'Alvano, F. *see* Urbano, L. 98336
Daly, E., O'Connor, G., McDonagh, C., Morgan, G.P., Glynn, T.J. Temperature dependence of the luminescence from GaInAs/InP quantum wells 114747
Daly, E. *see* Heifets, S. 89624
Daly, E. *see* Wienands, U. 89916
Daly, E.F. *see* Holdener, F.R. 100432
Daly, E.J., Lemaire, J., Heynderickx, D., Rodgers, D.J. Problems with models of the radiation belts 70305
Daly, J.M. NEC grounding requirements for parallel circuits 81154
Daly, J.M. NEC requirements for equipment grounding on parallel circuits 91220
Daly, J.M. Wire and cable changes in the 1996 NEC 91996
Daly, M.G., Jessop, P.E., Yevick, D. Crosstalk reduction in intersecting rib waveguides 85074
Daly, M.S., Dalton, K.S.H., Lakrimi, M., Mason, N.J., Nicholas, R.J., van der Burgt, M., Walker, P.J., Maude, D.K., Portal, J.C. Zero-Hall-resistance state in a semimetallic InAs/GaSb superlattice 63023
Daly, M.S., Symons, D.M., Lakrimi, M., Nicholas, R.J., Mason, N.J., Walker, P.J. Interface composition dependence of the band offset in InAs/GaSb 62901
Daly, M.S., Symons, D.M., Lakrimi, M., Nicholas, R.J., Mason, N.J., Walker, P.J. Interface composition dependence of the band offset in InAs/GaSb 105364
Daly, P. *see* Raby, P. 88400
Daly, S.E., Henry, M.O., McGuigan, K.G., do Carmo, M.C. A complex luminescent defect in Be-doped oxygen-rich silicon 74123
Dam, C.van *see* van Dam, C.
Dam, H.van *see* van Dam, H.
Dam, J.Van *see* Van Dam, J.
Dam, W.C., Taylor, D.P., Zhi-Quan Luo Computational cutoff rate of BDPSK signaling over correlated Rayleigh fading channels 66243
Dam Mok Jin *see* Jin Dam Mok
Dam-Hansen, C. Magnetophotorefractive effect and interference filters in lithium niobate 65549
Dam-Hansen, C., Johansen, P.M., Fridkin, V.M. Photorefractive grating formation in piezoelectric $La_3Ga_5SiO_{14}:Pr^{3+}$ crystals 107628
Damania, D. The scope for collusion in a regulated vertically integrated telecommunications industry 108891
Damarla, T.R., Chung, M.J., Wei Su, Michael, G.T. Faulty chip identification in a multi chip module system 104971
Damaschke, B. *see* Kracke, B. 100087
Damaschke, J., Hoefer, W.J.R. Modeling of regular conducting and superconducting boundaries in TLM 73660
Damaschke, J.M. Design of a low input voltage converter for thermoelectric generator 71463
Damask, J.N. Practical design of side-coupled quarter-wave shifted distributed-Bragg resonant filters 64882
Damaskos, S., Salama, H.F. Reservation mechanisms for efficient resource management in internetworks 98465
D'Amato, F. *see* Baldacchini, G. 69556
Dambach, B. *see* Chen, R.W. 72236
Dambrine, G. *see* Williams, D.F. 100293
D'Ambrosio, A., Mazzola, E., Barbieri, A. A new high bit rate TDMA modem for INTELSAT applications 119118
D'Ambrosio, C., Gys, T., Leutz, H., Puertolas, D. Particle tracking with scintillating fibers 80010
D'Ambrosio, C. *see* Puertolas, D. 120202
d'Ambrosio, G. *see* Bianchi, M. 90697
D'Ambrosio, M. *see* Bonsignorio, M. 98967
Dame, S.G. Development of commercial DSP software on the ADSP-2100 family processors 93456
Damean, N., Houkes, Z., Regtien, P.P.L. A new computer method for temperature measurement based on an optimal control problem 110420
Damen, E.P.N. *see* Fransen, M.J. 73966
Dames, M.P., Collington, J.R., Crossland, W.A., Scarr, R.W.A. Scalable approach to high performance ATM switching by the interconnection of free-space photonic crossbar modules 88059
Damgaard, G. *see* Adam, W. 69709
Damgard, I., Pedersen, T. New convertible undeniable signature schemes 76837
Damgard, I. *see* Cramer, R. 97500
Dami, M.A. *see* Aouli, R. 71763
Damian, V. *see* Patrascoiu, S. 111448
Damiani, F. *see* Jara Perez, M. 93645
Damiani, M. *see* Bertacco, V. 93283
Damiano, A. *see* Attaianese, C. 71608
Damiano, A. *see* Attaianese, C. 81487
Damiano, A. *see* Attaianese, C. 91800
Damiano, J.-P., Ghio, G., Capolsini, P. Original symbolic analysis of conformal multilayer microstrip antennas 65989
Damiano, J.-P. *see* Ghio, G. 66102
Damiano, J.-P. *see* Staraj, R. 76550
Damiano, J.P. *see* Ribero, J.M. 66003
Damianou, D., Crowe, J.A. The wavelength dependence of pulse oximetry 90332
D'amico, A., Davide, F.A.M., Di Natale, C. New trends and problems in sensors arrays applications 89041
D'Amico, A. *see* Alesii, F. 95173
D'Amico, A. *see* Di Natale, C. 69069
d'Amico, A. *see* di Natale, C. 100155
D'Amico, A. *see* Di Natale, C. 119765
d'Amico, E.T. *see* Guignard, G. 89670
D'Amico, M. Components for digital television 79129
D'Amico, M. Software instruments for the verification of EMC 97167
D'Amico, N. *see* Bortolotti, C. 79102
D'Amico, N. *see* Manchester, R.N. 99704
Daming Liu *see* Liu Daming
Damjanovic, D., Demartin, M. The Rayleigh law in piezoelectric ceramics 95272
Damjanovic, D., Demartin, M., Shulman, H.S., Testorf, M., Setter, N. Instabilities in the piezoelectric properties of ferroelectric ceramics 84684
Damjanovica, D. *see* Demartin, M. 64092
Damji, A. *see* Bray, R. 90414
Damle, A. *see* Ali, Y.P. 105180
Damle, P.S., Udpikar, V.R., Patil, A. Phonetic and pure-tones-pair induced changes in the stable EEG power spectrum 120418
Damle, S. *see* Kruglick, E.J.J. 74979
Damle, S.H. *see* Ray, K.P. 97380
Damme, E.van *see* van Damme, E.
Dammel, R. *see* Ficner, S. 105800
Dammel, R. *see* Ficner, S. 105814
Dammel, R.R., Norwood, R.A. Modeling of bottom anti-reflection layers: sensitivity to optical constants [photolithography] 105823
Dammel, R.R. *see* Sounik, J. 105773
Dammel, R.R. *see* Yang, T.S. 105820
Dammer, G., Jutting, N. On-the-job inspection. The role of self-inspection in enhancing quality responsibility 92288
Dammertz, G., Brat, O., Iatrou, C.T., Kuntze, M., Mobius, A., Piosczyk, B., Thumm, M. Long-pulse operation of a 0.5 MW $TE_{10,4}$ gyrotron at 140 GHz 105036
Dammertz, G. *see* Piosczyk, B. 105037
Damodara Das, V., Bahulayan, C. Anomalous temperature dependence of electrical resistivity in $Pb_{0.8}Sn_{0.2}Te$ thin films 83881
Damodara Das, V., Bahulayan, C. Thickness and temperature effects on thermoelectric properties of $Pb_{0.6}Sn_{0.4}Te$ thin films 94449
Damodara Das, V., Bahulayan, C. Electrical transport coefficients and thermoelectric figure of merit of $Pb_{0.5}Sn_{0.5}Te$ thin films 105218
Damodara Das, V., Damodare, L. A study of band-bending and barrier height variation in thin film n-$CdSe_{0.5}Te_{0.5}$ photoanode/polysulphide junctions 94644
Damodara Das, V., Gopal Ganesan, P. Size dependence of electrical resistivity and optical parameters of semiconducting $(Bi_{0.75}Sb_{0.25})_2Te_3$ thin films 105219

Damodara Das, V., Sekhar, P., Damodare, L. Influence of etching and annealing of n-$CuInSe_2$ thin films on solar energy conversion in polysulphide electrolyte photoelectrochemical solar cells 112420
Damodara Das, V. *see* Bahulayan, C. 62782
Damodaran, M., Bumpurs, S., Carreras, R., Tarr, G., Restaino, S. Real time aberration correction using phase diversity on the IBM SP2 parallel computer 66899
Damodarasamy, S., Anand, S. A novel method for accurate evaluation of minimum zone for flatness 100321
Damodare, L. *see* Damodara Das, V. 94644
Damodare, L. *see* Damodara Das, V. 112420
Damodare, L. *see* Das, V.D. 74279
Damodare, R.P., Augustine, J., Jacob, J. Lossless and lossy image compression using Boolean function minimization 67046
D'Amore, D. *see* Brambilla, A. 113729
d'Amore, G. *see* Tofani, S. 97191
D'Amore, M., Sarto, M.S. Simulation models of a dissipative transmission line above a lossy ground for a wide-frequency range. I. Single conductor configuration 65910
D'Amore, M., Sarto, M.S. Simulation models of a dissipative transmission line above a lossy ground for a wide-frequency range. II. Multiconductor configuration 65911
D'Amore, M., Sarto, M.S. Theory of field-excited networks 97183
D'Amore, M., Sarto, M.S. An EMTP-compatible procedure for the evaluation of electromagnetic induced effects on power networks 111436
D'Amore, M. *see* Celozzi, S. 97188
Damosso, E. The wireless future: will personal become increasingly personalised? 119066
D'Amours, C., Yongacoglu, A. Hybrid DS/FH-CDMA system employing MT-FSK modulation for mobile radio 88320
Damper, R.I. *see* Finan, R.A. 108212
Damper, R.I. *see* Middleton, I. 69963
Damper, R.I. *see* Middleton, I. 70006
Damsky, B.L. *see* Hauer, J.F. 70835
Damyanov, S. Wave electrodynamic of the stationary field of the DC transmission lines 102052
Damzen, M. *see* Barrientos, B. 107138
Damzen, M. *see* Barrientos, B. 107139
Damzen, M.J. *see* Green, R.P.M. 96707
Damzen, M.J. *see* Kaczmarek, M. 65533
Damzen, M.J. *see* Lamb, R.A. 96632
Damzen, M.J. *see* Mocofanescu, A. 116437
Damzen, M.J. *see* Syed, K.S. 107591
Damzen, M.J. *see* Udaiyan, D. 96204
Dan, A., Sitaram, D. A generalized interval caching policy for mixed interactive and long video workloads 87902
Dan, A., Sitaram, D., Shahabuddin, P. Dynamic batching policies for an on-demand video server 88823
Dan, A. *see* Kiensle, M.G. 87672
Dan, F.Nguyen Van *see* Nguyen Van Dan, F.
Dan, M. *see* Maitra, A. 76440
Dan, N., Craiu, O. Field distribution in permanent magnet motors taking into account temperature dependence 81381
Dan, P. *see* Mengeritsky, E. 102950
Dan Hirleman, E. *see* Liswith, M.L. 65863
Dan Jiang, Baldick, R. Optimal electric distribution system switch reconfiguration and capacitor control 70871
Dan Keun Sung *see* Jae-Jin Shin 77676
Dan Keun Sung *see* Park, S. 118971
Dan Keun Sung *see* Sang Hyuk Kang 88415
Dan Keun Sung *see* Tai Suk Kim 109432
Dan Li, Wen-Ben Jone Pseudorandom test-length analysis using differential solutions 73188
Dan Zhang *see* Zhang Dan
Dana, K. *see* Hansen, M. 77133
Dana, K.J., Wildes, R.P. A dynamic energy image with applications 77179
Dananjayan, P., Chellamuthu, C. A new constant frequency zero voltage switching buck quasi-resonant converter 112097
Danby, G. *see* Bunce, G. 100643
Danby, G.T. *see* Powell, J.R. 122020
Dance, D.L. Modeling test cost of ownership 72241
Danckaert, J. *see* Panajotov, K. 85240
Dandan Li *see* Tsividis, Y. 104691
Dandas Tang *see* Zlotnick, F. 61749
D'Andecy, V.Poulain *see* Poulain D'Andecy, V.
Dandekar, A.V. *see* Saha, S. 103069
Dandliker, R. *see* Duelli, M. 106875
Dandliker, R. *see* Hofstetter, D. 110409
Dandliker, R. *see* Morel, J. 64689
Dando, P.A. *see* Monteiro, T.S. 62838
D'Andrea, A.N., Lottici, V., Reggiannini, R. Parallel amplitude and phase predistortion for RF power amplifier linearization 78348
D'Andrea, A.N., Mengali, U., Morelli, M. Symbol timing estimation with CPM modulation 117149
D'Andrea, G. *see* Maschio, A. 102873
Dandridge, A. *see* Kersey, A.D. 89124
Dane, C.B. *see* Celliers, P. 76312
Dane, M. *see* Neefs, M. 98929
Danehy, P.M., Farrow, R.L. Comparison of degenerate four-wave mixing line shapes from population- and thermal-grating scattering 96627
Daneman, M. *see* Tien, N.C. 85550
Daneman, M.J., Tien, N.C., Solgaard, O., Pisano, A.P., Lau, K.Y., Muller, R.S. Linear microvibromotor for positioning optical components 106256
Daneman, M.J. *see* Tien, N.C. 95237
Danen, H. Measurement and control–user developments and trends 99829
Danerud, M. *see* Tanaka, K. 76118
Danerud, M. *see* Tanaka, K. 84930
Danese, L. *see* Mandolesi, N. 99703
Danese, L. *see* Mandolesi, N. 109844
Danese, L. *see* Smoot, G.F. 99702
Danesfahani, G.R., Paffett, J., Jeans, T. A survey of signal quality estimation (SQE) techniques for fading channels 86191
Danesh, P., Pantchev, B.G. a-Si:H on soda-lime glass substrate: effect of film porosity on the penetration of Na^+ through the interface 94384
Danesh, P. *see* Szekeres, A. 105488
Danesh, R. *see* Sahyuna, M.R.V. 76106
Daneshgar, A. Reconstruction in a generalized model for translation invariant systems 113140
Daneshgaran, F., Mondin, M. Clock synchronization using wavelets 77563
Daneshgaran, F., Mondin, M. Simplified Viterbi decoding of geometrically uniform TCM codes 97575
Daneshrad, B., Cimini, L.J., Jr. Equalization requirements for 30 Mbps indoor wireless data transmission 109093
Danet, B. *see* De Lagrevol, R. 69956
Danet, P.-Y. Automatic checking of the compatibility of the ISDN user-network interface (layer 3) using the tool VACCIN 118684
Danev, D.P. *see* Boyvalenkov, P.G. 97560
Danev, G. *see* Zlatanova, K. 75400
Danfeng Xu, Yonghua Song, Uehara, G.T. A 200 MHz 9-tap analog equalizer for magnetic disk read channels in 0.6 μm CMOS 73579
Dang, C. *see* Fournier, D. 102170
Dang, H. *see* Abramson, D. 82446
Dang, L.S. *see* Alleysson, P. 75959
Dang, L.S. *see* Mariette, H. 72771
Dang, S. *see* Borovkov, A.I. 95581
Dang, T. *see* Zhang, S. 60689
Dang Chinh *see* Chinh Dang
Dang Deyu The real time estimation of busbar load characteristic parameters 121071
Dang Li *see* Li Dang
Dang Mo *see* Yu-Chuan Chen 116582
Dang Mo *see* Mo Dang
Dang Thanh Tin Modelling small network using StP 77782
Dang-Moon Wee *see* Jae-Whan Kim 72939
Dang-Yang Chang *see* Ming-Jer Chen 63915
Dangakis, K. *see* Kostarakis, P. 119006
Dangalchev, C. Graph algorithm for partially-linear problems obtained by absolute value functions 72552
Dangat, H.K. *see* Ekbote, S. 106011
Dangelmayr, G. *see* Oppenlander, J. 95494
D'Angelo, A., Gastaldi, M., Levialdi, N. Dynamic analysis of the performance of a flexible manufacturing system: a real case application 82158
D'Angelo, G., Meo, S., Scarano, M. A new software tool for analysis and design of induction machines 102702
D'Angelo, I.M.F. *see* Soares, M.R. 121204
Dangi, G. *see* Ameta, S.C. 112395
Dangla, J. *see* Launay, P. 63596
Dangor, A.E. *see* Clayton, C.E. 90239
Dangor, A.E. *see* Mitchell, I.H. 71496
Dangor, A.E. *see* Modena, A. 79768
Dangore, A.Y. *see* Sharma, N.D. 81430
Dangore, A.Y. *see* Sharma, N.D. 111983
Danhong Huang, Manasreh, M.O. Intersubband transitions in strained $In_{0.07}Ga_{0.93}As/Al_{0.40}Ga_{0.60}As$ multiple quantum wells and their application to a two-colors photodetector 114724
Danhong Huang *see* Yang Zhao 96283
Danhong Zhang *see* Zhang Danhong
Danhua Cao *see* Cao Danhua
Daniau, W. *see* Gavignet, E. 84757
Danicki, E. Novel SAW components for low-loss filters 104664
Danicki, E., Laprus, W. Piezoelectric interfacial waves in langasite and dilithium tetraborate 106364
Daniel, B.T., West, G.A.W. Registration of variable 3D shapes using a deformable shape model 86883
Daniel, C. *see* Brierre, J. 75772
Daniel, F., Chaffai, R., Al Haddad, K. Three-phase diode rectifier with low harmonic distortion to feed capacitive loads 71471
Daniel, H. *see* Niestroj, A. 80008
Daniel, J.P. *see* Cailloce, Y. 76577
Daniel, J.P. *see* El Yazidi, M. 65988
Daniel, J.P. *see* Saboundji, H. 65993
Daniel, J.P. *see* Thouroude, D. 85970
Daniel, L., Sullivan, C.R., Sanders, S.R. Design of microfabricated inductors 121690
Daniel, L. *see* Ongareau, E. 66070
Daniel, M.R. *see* Adam, J.D. 83307
Daniel, N. *see* Roshal, A. 102884
Daniel, S. *see* Jeong-Seon Seo 74837
Daniel, S. *see* Seo, J.S. 106118
Daniele, M., Jain, P., Joos, G. A single stage single switch power factor corrected AC/DC converter 121589
Daniele, V., Gilli, M., Pignari, S. EMC prediction model of a single wire transmission line crossing a circular aperture in a planar screen 65881
Daniele, V., Gilli, M., Pignari, S. Spectral theory of a semi-infinite transmission line over a ground plane 97213
Daniele, V. *see* Calligaro, C. 73401
Danieli, G. *see* Bosshard, H.J. 98591
Danielius, R., Piskarskas, A., Di Trapani, P., Andreoni, A., Solcia, C., Foggi, P. Visible pulses of 100 fs and 100 μJ from an upconverted parametric generator 107564
Danielius, R., Piskarskas, A., Trapani, P.Di., Andreoni, A., Solcia, C., Foggi, P. Matching of group velocities by spatial walk-off in collinear three-wave interaction with tilted pulses 96648
Daniell, C. *see* Thorsteinsson, S. 68755
Danielli, D. The high electron mobility transistor (HEMT) 63785
Danielli, E. A new 2.7 V flash memory 83120
Danielli, G. Lattice semiconductor 'in-system' programmability 61808
Danielli, G. Products of Wolfson Microelectronics 62066
Danielli, G. High quality power supplies 71531
Danielli, G. The Advanced Microdevices (AMD) MVP family of Complex PLDs 73292
Danielli, G. A single chip Ethernet connector 78071
Danielli, G. New DSPs from Motorola 93435
Danielli, G. The M F Electronics ClockChip 93538
Danielli, G. Planar electroluminescent displays 100205
Danielli, G. The estimation of temperature rise in voltage regulators 104340
Danielli, G. The achievement of multimedia services 104590
Danielli, G. International Rectifier fifth generation power MOSFETs 105981
Danielli, G. Two new developments for wireless communication 109407
Danielli, G. The smart sensor 110136
Danielli, G. Power supply units under the banner of simplicity 113732
Danielli, G. Texas Instruments DSPs with memory 113960
Danielli, G. Beam-on pad interconnectors 114373
Danielli, G. Systems for high-speed connections 114377
Danielli, G. Fibre optics–still misunderstood 116019
Danielli, G. Plastic optical fibres and related lasers 116035
Danielli, G. Electronic security devices 117153
Danielli, G. Intelligent Instruments' Ethernet Data Acquisition Systems (EDAS) 118316
Daniels, A. Turbine wake measurements using the meteorological kite 71204
Daniels, A.R. *see* Bell, K.R.W. 91018
Daniels, A.R. *see* Bell, K.R.W. 101978
Daniels, A.R. *see* Edwards, A.R. 111479
Daniels, A.R. *see* Groom, C.G. 70737
Daniels, A.R. *see* Hodgson, J.E. 90932
Daniels, D.J. Surface-penetrating radar 99651
Daniels, M.E. *see* Bishop, P.J. 74413
Daniels, M.W. *see* Hasser, C.J. 80160
Daniels, M.W. *see* Hasser, C.J. 80161
Daniels, P. *see* Acerbi, E. 95534
Daniels, R.C. Profit related pay and continuous improvement: the odd couple 112824
Danielsen, H.E. *see* Baheerathan, S. 101184
Danielsen, H.E. *see* Yogesan, K. 97983
Danielsen, R. *see* Bjontegaard, G. 87210
Danielsen, S.L., Joergensen, C., Vaa, M., Mikkelsen, B., Stubkjaer, K.E., Doussiere, P., Pommerau, F., Goldstein, I., Ngo, R., Goix, M. Bit error rate assessment of 40 Gbit/s all-optical polarisation independent wavelength converter 99559
Danielsen, S.L., Joergensen, C., Vaa, M., Stubkjaer, K.E., Doussiere, P., Pommerau, F., Goldstein, L., Ngo, R., Goix, M. Bit error rate assessment of a 40 Gbit/s all-optical polarisation independent wavelength converter 88636
Danielsen, S.L. *see* Joergensen, C. 68447
Danielsen, S.L. *see* Joergensen, C. 88595
Danielsen, S.L. *see* Joergensen, C. 99458
Danielsen, S.L. *see* Jourdan, A. 88603
Danielsen, S.L. *see* Mikkelsen, B. 78776
Danielsen, S.L. *see* Mikkelsen, B. 88637
Danielsen, S.L. *see* Vodjdani, N. 68419
Danielsen, S.Lykke *see* Lykke Danielsen, S.
Danielsson, P.-E. *see* Axelsson-Jacobson, C. 80243
Danielsson, P.-E. *see* Axelsson-Jacobson, C. 90419
Danielsson, P.-E. *see* Edholm, P. 80300
Danielsson, P.-E. *see* Eriksson, J. 80302
Danielsson, P.-E. *see* Gokstorp, M. 98000
Danielyan, S.A. Improving the characteristics and extending the capabilities of the INMARSAT-E system 79069
Daniilidis, K., Ernst, J. Active intrinsic calibration using vanishing points 86443
Daniilidis, K., Ernst, J. Active intrinsic calibration using vanishing points 117737
Danik, Y., Karpenko, V., Pisarenok, G., Topolnitsky, P. Mathematical model of signal of television channel for optical electronic device 87152
Danikas, M.G. Influence of electrode area on the conditioning effect in vacuum 62539

Danikas, M.G., Kurrat, M., Engel, K. Simulation of partial-discharge processes and energy densities 84676
Daniker, R. *see* Morel, J. 64712
Danilchenko, B. *see* Stasch, R. 62706
Danilchenko, B. *see* Stasch, R. 114645
Danilenko, P.V. *see* Berner, M.S. 103174
Danilevich, Ya.B., Antonov, Yu.F. Current source on the basis of high temperature superconductive films 71338
Danilevich, Ya.B., Kochnev, A.V. Investigation of Dow-power synchronous generators with permanent magnets 71282
Danilevich, Ya.B. *see* Glazenko, A.V. 71229
Danilewsky, A.N., Lauer, S., Meinhardt, J., Benz, K.W., Kaufmann, B., Hofmann, R., Dornen, A. Growth and characterization of GaSb bulk crystals with low acceptor concentration 103813
Danilewsky, A.N., Meinhardt, J., Benz, K.W. Long-term crystal growth under microgravity during the EURECA–1 mission (II) THM growth of sulphur-doped InP 61153
Danilewsky, A.N. *see* Moser, H.O. 79772
Danilina, L. *see* Parfenov, A. 106885
Danilkin, M., Must, M., Pedak, E., Pyarnoya, E., Ryasnyi, G., Seman, V., Shpin'kov, I., Shpin'kova, L. Formation of europium centers in CaS:Eu,Cl luminophors 75713
Danilkin, N.I. *see* Berner, M.S. 103174
Danilkin, N.P. Electric energy from ionosphere 71724
Danilo, F., Leib, H. FSK and DPSK over unresolved multipath Rayleigh fading channels 99076
Danilov, O. *see* Yakovlev, V. 100482
Danilov, O.B., Averjanov, V.P., Ivanovskaja, O., Leschenko, D.O., Tulsky, S.A., Zhevlakov, A.P., Belajev, A.A., Karelsky, V.G., Ljashedko, P.G., Maksimov, J.P. Frequency discrimination in overtone supersonic chemical HF laser 116364
Danilov, O.B., Danilov, V.V., Lyubimov, V.V., Rosanov, N.N., Sidorov, A.I. CO_2 lasers with flexible parameters and their use in technological applications 107117
Danilov, O.B., Lyubimov, V.V., Rosanov, N.N. Regenerative amplification of laser-injector signal with given wave front 116612
Danilov, O.B. *see* Artemov, A.A. 107109
Danilov, O.B. *see* Belousova, I.M. 120767
Danilov, O.B. *see* Bespalov, V.G. 116341
Danilov, S.N. *see* Vorobjev, L.E. 116558
Danilov, V.A., Novikov, Yu.A., Rakov, A.V., Stekolin, I.Yu. SEM measurement of the linear dimensions of relief submicron structures by the method of "invariant" points 74643
Danilov, V.P. *see* Sinel'nikov, B.M. 75715
Danilov, V.V., Dvoryashin, V.M., Kramarenko, A.M., Sokolov, V.S., Vasilyev, Yu.V., Drolshagen, G., Pita Leira, P. Numerical simulation of high-voltage charging of rotating satellites at high altitude 120582
Danilov, V.V. *see* Danilov, O.B. 107117
Danilova, T.N., Ershov, O.G., Imenkov, A.N., Stepanov, M.V., Sherstnev, V.V., Yakovlev, Yu.P. Maximum working temperature of InAsSb/InAsSbP diode lasers 96326
Danilova, T.N., Evseenko, O.I., Imenkov, A.N., Kolchanova, N.M., Stepanov, M.V., Sherstnev, V.V., Yakovlev, Yu.P. Using current to tune the wavelength of InAsSb/InAsSbP double-heterostructure lasers 116509
Danilova, T.N., Imenkov, A.N., Kolchanova, N.M., Popov, A.A., Yakovlev, Yu.P. Lasing inhomogeneities in buried channel lasers with a p-GaInAsSb active region 96325
Danilovich, A.S. *see* Sudarkin, A.N. 100973
Danilovich, A.S. *see* Sudarkin, A.N. 101040
Daniolos, D., Darwish, M.K., Mehta, P. Optimized PWM inverter control using artificial neural networks 102829
Daniyarkhodzhaev, T.I., Mashechkin, I.V., Nishanov, G.V. On a code generation algorithm 108131
Dankberg, M. Advanced technology in DAMA networking 87377
Dankberg, M. Advanced technology in DAMA networking 118033
Dankelmann, P., Oellermann, O.R., Swart, H.C. The average Steiner distance of a graph 60867
Dankner, Y., Eyal, O., Katzir, A. Two-bandpass fiber-optic radiometry for monitoring the temperature of photoresist during dry processing 69196
Dan'ko, V.G., Milykh, V.I. Principle of a natural thyristor commutation in a linear DC motor 102752
Dankowski, S.U. *see* Knupfer, B. 99510
Danks, T. *see* Joseph, C.L. 79528
Danly, B.G. *see* Chen, S.C. 90077
Danly, B.G. *see* Menninger, W.L. 105064
Dann, A.J. *see* Meredith, W. 74171
Dann, B.K. *see* Macri, J.R. 80155
Dann, B.K. *see* Macri, J.R. 101024
D'Anna, E. *see* Luby, S. 74107
Danne, A. *see* Liu, G.Y. 88317
Danne, O., Mace, G.G., Clothiaux, E.E., Dong, X., Ackerman, T.P., Quante, M. Observing structures and vertical motions within stratiform clouds using a vertical pointing 94-GHz cloud radar 90764
Dannemann, A. Untersuchungen zur Strahlungsresistenz polymerer Materialien fur den Einsatz in Experimenten der Hochenergiephysik (Study of the radiation resistance of polymer materials for applications in high energy physics experiments) 113548
Danner, P., Sepulveda, J.L. High performance ceramic modules and packages 92258
Danneville, F. *see* Tadyszak, P. 105110
Dano, E.B., Kletzli, D.W., Jr. Low cost CW scatterometers for field and laboratory measurements 109790
Danos, V., Herbelin, H., Regnier, L. Game semantics and abstract machines 103572
Dansas, P. *see* Paraire, N. 100366
Dansereau, J. *see* Andre, B. 90413
Danshin, C.V. *see* Barabanov, I.R. 110568
Dansie, J. SUPER surveillance system [hydraulic units monitoring] 102509
Danskin, J.M. *see* Qin Zhang 117748
Danson, C. *see* Modena, A. 79768
Danson, C. *see* Zhang, J. 96102
Danson, C.N., Barzanti, L.J., Edwards, C.B., Edwards, S.A., Harrison, C.N., Mistry, C.J., Neely, D., Norreys, P.A., Pepler, D.A., Rodkiss, D.A., Ross, I.N., Toner, W.T., Winstone, T.B., Walsh, F.N., Wyatt, R.W.W. Pulse generation and shaping using the ultra-high power laser system–VULCAN 85429
Dantas, S.O., Dos Santos, M.C., Galvao, D.S. Theoretical characterization of an all-organic molecular transistor 83648
Dantec, V.Le *see* Le Dantec, V.
d'Anterroches, C. *see* Gravier, T. 105896
Danthine, A. *see* Bonaventure, O. 87431
Danthine, A. *see* Mathy, L. 67916
Danto, Y. *see* Bechou, L. 93968
Danto, Y. *see* Saysset, N. 115229
D'Antona, G. On line space and time spectrum analysis of helical magnetic perturbation in the FTU Tokamak 110065
D'Antone, I. *see* Baldanza, C. 69857
D'Antone, I. *see* Baldanza, C. 100919
D'Antone, I. *see* Calligola, P. 80124
Dantsiger, A.Y. *see* Fesenko, E.G. 106312
Dantsker, E. *see* Clarke, J. 64548
Dantsker, E. *see* Ludwig, F. 64554
Dantu, S.V., Tarr, N.G., Peters, C.J. In-situ doped p^+ polysilicon as a MOS gate material 63143
Dantzig, P. *see* Yew-Huey Liu 87425
Dany, J.-C. *see* Husson, L. 78471
Danya Yao *see* Yao Danya
Danyluk, S. *see* Ebutt, R. 95108
Danyluk, S. *see* Fang, Y. 115901
Danyuk, D., Pilko, G. Error correction in audio amplifiers 119505
Danzebrink, H.U., Ohlsson, O., Wilkening, G. Fabrication and characterization of optoelectronic near-field probes based on an SFM cantilever design 99997
Danzebrink, H.U., Wilkening, G. Optoelectronic detector probes for simultaneous SNOM and SFM 79416
Danzer, B. *see* Baumann, J.R. 60763
Danzig, P. *see* Obraczka, K. 87708
Danzig, P.B. *see* Jong Suk Ahn 118484
Danziger, Y., Hasman, F., Friesem, A.A., Lohmann, A.W. Multilevel diffractive elements for generalized wavefront shaping 116767
Dao, A. *see* Fague, D.E. 73154
Dao, B.V. *see* Gaughan, P.T. 87433
Dao, K. *see* Klein, S.R. 90223
Dao, K. *see* Klein, S.R. 100976
Dao, T., Wu, W. Charging of underlayer at via etch causing slow down in oxide etch rate 105638
Dao, T. *see* Aum, P.K. 106236
Dao, T.A. *see* La Rue, G.S. 78298
Dao, Y. *see* Edwards, A.M. 83975
Dao Yi Xu Necessary and sufficient conditions for robust oscillation 60777
Dao-Long Chen A power and area efficient CMOS clock/data recovery circuit for high-speed serial interfaces 93536
Daoben Zhu *see* Xuezhong Jiang 75767
Daoben Zhu *see* Yunqi Liu 79592
Daohong Ding *see* Ding Daohong
Daohong Wang *see* Uchida, S. 81132
Daohua, X., Mi, X. Temperature compensating MLC ceramic sintered at intermediate temperature 73824
Daojiong Chen *see* Jinbang Chen 119903
Daoli Zhang *see* Zhang Daoli
Daoping Cheng *see* Cheng Daoping
Daoqi Yang A parallel iterative nonoverlapping domain decomposition procedure for elliptic problems 60949
Daoqi Yu, Stern, M., Katz, J. Speckle noise in laser bar-code-scanner systems 96847
Daoqun Deng *see* Chuangtian Chen 65518
Daou, F.H. Production testing of Sonet and SDH components 99487
Daoud, D.S., Subasi, D. The preconditioning of explicit group-2 point linear systems with 5 and 9 block diagonals 113238
Daoud, F. Extended transactional control of cooperative systems 67880
Daoud, F. A videoconference service supported by an extended intelligent network 109166
Daoud, F. Multimedia and multiparty control: the intelligent network solution 118557
Daout, F., Khenchaf, A., Saillard, J. Calibration of bistatic polarimetric scatterometers 111142
Daout, F. *see* Khenchaf, A. 65805
Daout, F. *see* Khenchaf, A. 120827
Daoxiu Wang *see* Wang Daoxiu
Daoyang Huang, Ho, F.C., Parsons, R.R. Effects of surface compression strengthening on properties of indium tin oxide films deposited on automobile glass 106917
Daoyong Zhan *see* Zhan Daoyong
Daping Yao, Zhang, Z., Shang, J.K. An experimental technique for studying mixed-mode fatigue crack growth in solder joints 82177
Daping Yao *see* Zhang, Z. 82176
Dapino, M.J., Calkins, F.T., Flatau, A.B., Hall, D.L. Measured Terfenol-D material properties under varied applied magnetic field levels 115487
Dapkus, L. *see* Baubinas, R. 72750
Dapkus, L. *see* Galdikas, A. 79597
Dapkus, P.D., MacDougal, M.H., Gye Mo Yang, Bond, A.E., Chao-Kun Lin, Tishinin, D., Pudikov, V., Cheng, Y., Uppal, K. Ultralow threshold current lasers 107344
Dapkus, P.D. *see* Gye Mo Yang 116498
Daponte, P., Grimaldi, D., Michaeli, L. A full neural Gray-code-based ADC 61978
Daponte, P., Grimaldi, D., Michaeli, L. A design method for signal processing in measurement instruments by neural networks 110074
Daponte, P. *see* Angrisani, L. 108390
Daponte, P. *see* Arpaia, P. 69012
Daponte, P. *see* Arpaia, P. 109990
Daponte, P. *see* Arpaia, P. 110042
Daponte, P. *see* Avallone, F. 104901
Daponte, P. *see* Bernieri, A. 61977
Daponte, P. *see* Bernieri, A. 109972
Dappen, S., Henneberger, G. Time-harmonic eddy-current calculation with capacitive circuit parameters 71912
Dappen, S., Henneberger, G. An impedance sensitivity approach for the optimization of loss efficiencies 103164
Dappen, S. *see* Albertz, D. 71844
Dappen, S. *see* Albertz, D. 112551
D'Apuzzo, M. *see* Angrisani, L. 108390
D'Apuzzo, M. *see* Arpaia, P. 110042
D'Apuzzo, M. *see* Avallone, F. 121926
D'Apuzzo, P. *see* Arpaia, P. 69012
D'Aquanni, R. *see* Weber, E. 102001
D'Aquila, L. Design and fixturing techniques to improve testability 99886
Daragheh, M. *see* Mendis, K.J.S. 91314
Daran, E. *see* Bausa, L.E. 75511
Darbandi, A. *see* Zoyo, M. 82948
Darbandi, A. *see* Zoyo, M. 93908
Darbel, N. *see* Mezhoud, A. 95112
Darbo, G., Zannier, U. Good numbers 72471
Darbo, G. *see* Antinori, F. 120156
Darby, D.G. *see* Siewert, B. 120339
Darby, E.S. Managing electric motors 91442
Darby, G.E. Electronic commerce: technology overrules law; The $50 billion pie 87770
Darcie, T.E. Broadband subscriber access architectures and technologies 78243
Darcie, T.E. *see* Ariyavisitakul, S. 68079
Darcie, T.E. *see* Ariyavisitakul, S. 68193
Darcie, T.E. *see* Lu, X. 78790
Darcie, T.E. *see* Reichmann, K.C. 78791
Darcie, T.E. *see* Shankaranarayanan, N.K. 78249
Darcie, T.E. *see* Woodward, S.L. 78851
Darcie, T.E. *see* Woodward, S.L. 99575
Darcourt, J. *see* Laurette, L. 80309
D'Arcy, T.J. *see* Hughes, S.W. 90469
D'Arcy, T.J. *see* Hughes, S.W. 110688
Dardenne, Y.X. *see* Aryaeinejad, R. 80083
Dardenne, Y.X. *see* Aryaeinejad, R. 100877
Daren Yu *see* Yu Daren
Dargad, J.S. *see* Sutrave, D.S. 83887
D'Argenio, B., D'urzo, C., Ferreri, V., Long, G., Pelosi, N., Rampone, S., Tagliaferri, R. A wavelet application to the analysis of stratigraphic records 120655
D'Argenio, B. *see* Brescia, M. 120705
Dargys, A. *see* Kundrotas, J. 62731
D'Ariano, G.M., Macchiavello, C., Paris, M.G.A. A fictitious photons method for tomographic imaging 97896
D'Ariano, G.M., Macchiavello, C., Paris, M.G.A. Feasible phase detection with ideal sensitivity 110159
Daridon, J.L., Lagourette, B., Gaubert, J.F., Xans, P., Montel, F. Ultrasonic velocity in a hyperbaric reservoir fluid 101499
Darie, G. *see* Prisecaru, I. 71137
Darie, S. *see* Chuthi, N. 102804
Darie, S. *see* Munteanu, R. 71353
Darie, S.I. *see* Shikoana, V. 101830
Dario, P., Carrozza, M.C. Interfacing microsystems and biological systems 70241
Dario, P., Carrozza, M.C., Allotta, B., Guglielmelli, E. Micromechatronics in medicine 80415
Dario, P. *see* Allotta, B. 80419
Darkazalli, G. *see* Nowland, M.J. 112387
Darkins, S.M., Elgin, J.N. Perturbed solitons in birefringent fibers 65459
Darling, G. *see* Jin-Cheng Wang 121135
Darling, G. *see* Jin-Cheng Wang 121136
Darling, G.D. *see* Vekselman, A.M. 105782
Darling, R.B. Current-voltage characteristics of Schottky barrier diodes with dynamic interfacial defect state occupancy 74690
Darling, R.B. *see* Hoyt, R.P. 113432

Darling, T.W. *see* Migliori, A. 101629
Darlington, A. *see* Sidhu, T.S. 102229
Darlington, C.N. *see* Powell, J.R. 62165
Darlington, E.H. *see* Heffernan, K.J. 90691
Darlington, W.E. *see* Gandhi, P.P. 67012
Darmanyan, S.A. *see* Abdullaev, F.Kh. 64723
Darmo, J., Dubecky, F., Lalinsky, T., Pelfer, P.G., Hlavac, S., Gombia, E., Mosca, R. Neutron irradiated undoped LEC SI GaAs. II. C-V and deep-level state analysis 120154
Darmo, J. *see* Dubecky, F. 110574
Darmo, J. *see* Dubecky, F. 120153
Darnand, H. *see* Duthummon, S. 71518
Darnauer, J., Dai, W.W.-M. A method for generating random circuits and its application to routability measurement 61521
Darnell, M., Fan, P.Z., Fan Jin Perfect sequences derived from M-sequences 66234
Darnell, M. *see* Al-Dabbagh, A. 76731
Darnell, M. *see* Bartlett, A. 88084
Darnell, M. *see* Brunt, S. 86192
Darnell, M. *see* Brunt, S. 117917
Darnell, M. *see* Enright, R. 85857
Darnell, M. *see* Enright, R. 88081
Darnell, M. *see* Fan, P.Z. 66235
Darnell, M. *see* Fan, P.Z. 76730
Darnell, M. *see* Fan, P.Z. 118036
Darnell, M. *see* Gabidulin, E.M. 66233
Darnell, M. *see* Marple, S.R. 87368
Darnell, M. *see* Prasad, K.V. 88001
Darnhofer, T., Rossler, U., Broido, D.A. Hole magnetoplasmons in quantum dots 74425
Darnton, N. *see* Vogelaar, R.B. 69831
Daroczi, C.S. *see* Vertesy, G. 113585
Darouach, M. *see* Frapard, B. 78618
Darouach, M. *see* Yao, Y.X. 108272
Daroux, M.L. *see* Thurston, T.R. 91714
Darpentigny, G. *see* Curley, P.F. 107219
Darpentigny, G. *see* Le Blanc, C. 96229
Darque-Ceretti, E. *see* Wybo, J.L. 112788
Darr, D., Hawkins, K., Scott, D.J. Apprenticeship program trains future operators 121803
Darrah, C.A., Luke, D.W. Site-specific clutter modeling using DMA digital terrain elevation data (DTED), digital feature analysis data (DFAD), and Lincoln Laboratory five frequency clutter amplitude data 111417
Darrell, T., Moghaddam, B., Pentland, A.P. Active face tracking and pose estimation in an interactive room 86787
Darroudi, K., Spanias, A. Speech intelligibility improvement using the INTEL technique 97590
Darrow, C.B. *see* Clayton, C.E. 90239
Darrow, C.B. *see* Modena, A. 79768
Dars, P. *see* Dorval, D. 63679
Darsinooieh, A.H., Palamutcuoglu, O. On the theory and design of subharmonically drain pumped microwave MESFET distributed mixers 114299
Dartu, F., Menezes, N., Pileggi, L.T. Performance computation for precharacterized CMOS gates with RC loads 73261
Dartu, F., Tutuianu, B., Pileggi, L.T. RC-interconnect macromodels for timing simulation 82892
Dartu, F. *see* Tutaianu, B. 82895
Daruich, Y. *see* Garis, E.J. 89465
Darveaux, R., Mawer, A. Thermal and power cycling limits of plastic ball grid array (PBGA) assemblies 92236
Darvell, B.W., Lee, P.K.D., Yuen, T.D.B., Lucas, P.W. A portable fracture toughness tester for biological materials 79237
Darveniza, M., Mercer, D.R., Watson, R.M. The reliability of gapped silicon-carbide distribution surge arresters 102276
Darveniza, M., Watson, R.M. The effects of multiple lightning impulses on electrical equipment 81376
Darvishi, A. *see* Rauterberg, M. 119512
Darvishzadeh, M. *see* Moazzam, M.R. 83451
Darvishzadeh, M. *see* Moazzam, M.R. 83474
Darvishzadeh, M. *see* Webster, D. 104854
Darwall, T. *see* Gagnon, G. 74615
Darwazeh, I.Z. *see* Borjak, A. 62312
Darwazeh, I.Z. *see* Borjak, A. 78720
Darwazeh, I.Z. *see* Drew, J.D. 73731
Darwazeh, I.Z. *see* Iqbal, A. 73777
Darweschsad, M., Heller, R., Friesinger, G., Irmisch, M., Kathol, H., Komarek, P., Maurer, W., Nother, G., Schmidt, C., Schleinkofer, G., Sihler, C., Susser, M., Ulbricht, A., Wuchner, F. The Polo coil, a prototype tokamak poloidal field coil, design features and test results 95517
Darwin, A.W., Harrison, T.H., White, A. HVDC converter transformers 81523
Darwish, A.M. A fast nearest neighbour search algorithm 67009
Darwish, A.M., Bashandy, A.R. Recognition and processing of logic diagrams 66888
Darwish, A.M., Bedair, M.S. An adaptive resampling algorithm for image zooming 66990
Darwish, A.M., Ippen, E.P., Le, H.Q., Donnelly, J.P., Groves, S.I. Optimization of four-wave mixing conversion efficiency in the presence of nonlinear loss 96616
Darwish, M. *see* Williams, R.K. 105991
Darwish, M.K. *see* Abdelhamid, T.H. 112068
Darwish, M.K. *see* Daniolos, D. 102829
Daryoush, A. *see* Zhang, X. 73693
Daryoush, A.S., Moyer, H.P., Sturzbecher, D. A new injection locking method of oscillators 76665
Daryoush, A.S., Zhang, X., Lin, J.Y. 1/4 W optical receiver and clock recovery circuit for Gb/s digital fiberoptic links 88583
Daryoush, A.S. *see* Lee, J.-H. 85462
Darzentas, J. *see* Katsikas, S. 78067
Das, A., Mukhopadhyay, A.K. Development of an industrial load bus power factor regulator by using SVC and parallel processing of microprocessor 121025
Das, A., Mukhopadhyay, A.K. Microprocessor based pulsed-supply method for variable speed operation and speed regulation of DC motor 121505
Das, A., Rao, A.V., Gersho, A. Variable-dimension vector quantization 86135
Das, A. *see* Chumber, H.K. 106176
Das, A. *see* Ekbote, S. 106011
Das, A. *see* Lim, K.P. 86910
Das, A. *see* Racherla, G. 118380
Das, A. *see* Ramalingom, T. 87461
Das, A. *see* Shanware, A. 106214
Das, A. *see* Subbaraman, S. 105505
Das, A. *see* Zaman, P. 106179
Das, A.C. *see* Aggarwal, M.M. 69839
Das, B.K. *see* Awasthy, B.R. 112413
Das, B.K. *see* Singh, P.K. 106177
Das, B.N. *see* Snyder, J.E. 64331
Das, C. *see* da Silva, V.L. 88630
Das, C. *see* Donnay, S. 62061
Das, D. Dynamic path routing technique: a software solution in SCADA application 70754
Das, D., Sharma, S.N., Banerjee, D., Barua, A.K., Banerjee, R. Influence of chamber pressure on optoelectronic and structural properties of boron-doped hydrogenated silicon films prepared by RF magnetron sputtering 74114
Das, D. *see* Kindermann, L. 81847
Das, D. *see* Peck, D.H. 81834
Das, D. *see* Ranjan, R. 111599
Das, D.K., Bhattacharya, B.B. Testable design of non-scan sequential circuits using extra logic 61844
Das, D.K., Bhattacharya, B.B. Does retiming affect redundancy in sequential circuits? 93332
Das, D.K., Bhattacharya, U.K., Bhattacharya, B.B. Isomorph-redundancy in sequential circuits 104499
Das, G.Tulsi Ram *see* Tulsi Ram Das, G.
Das, I.J., Downes, M.B., Corn, B.W., Curran, W.J., Werner-Wasik, M., Andrews, D.W. Characteristics of a dedicated linear accelerator-based stereotactic radiosurgery-radiotherapy unit 90578
Das, I.J. *see* Chee-Wai Cheng 90666
Das, J.C. Limitations of current limiting protectors for expansion of electrical distribution systems 81062
Das, J.C. Limitations of current limiting protectors for expansion of electrical distribution systems 91162
Das, J.H., MacDonald, N.C. Low work function addressable silicon field emission single cathode with integrated lateral feedback resistor and suspended heater 73989
Das, J.J. *see* Kataria, D.O. 69846
Das, K. *see* Chattopadhyay, P. 115146
Das, K. *see* Chen, Z. 98955
Das, L.M. Hydrogen-oxygen reaction mechanism and its implication to hydrogen engine combustion 91260
Das, M., Lin, C. Lossless compression of medical images using hierarchical autoregressive models 101307
Das, M.B. *see* Kirtania, A.K. 63584
Das, M.K. *see* Murthy, U.M.S. 88744
Das, M.K. *see* Shenoy, J.N. 105516
Das, N.K. Spectral-domain analysis of complex characteristic impedance of a leaky conductor-backed slotline 97242
Das, P. *see* Abbate, A. 90538
Das, P. *see* Abbate, A. 104215
Das, P. *see* Bhakat, S.K. 92466
Das, P. *see* DeCusatis, C. 86477
Das, P. *see* DeCusatis, C. 87172
Das, P. *see* Hetling, K. 88158
Das, P. *see* Hetling, K. 99051
Das, P. *see* Medley, M. 86256
Das, P.K., Das, R., Chaudhuri, A. A computerised Braille transcriptor for the visually handicapped 120533
Das, P.P. *see* Kumar, M. 98233
Das, R., Sachdev, M.S., Sidhu, T.S. A technique for estimating locations of shunt faults on distribution lines 81051
Das, R. *see* Das, P.K. 120533
Das, R.K., Li, Z., Perera, H., Williamson, J.F. Accuracy of Monte Carlo photon transport simulation in characterizing brachytherapy dosimeter energy-response artefacts 80515
Das, R.K. *see* Gupta, S.S. 93015
Das, R.L. *see* Singhal, A. 111579
Das, S., Ahuja, N. Performance analysis of depth cues for active vision 77318
Das, S., Ahuja, N. Active surface estimation: integrating coarse-to-fine image acquisition and estimation from multiple cues 86300
Das, S., Bhanu, B., Ho, C.-C. Generic object recognition using multiple representations 77368
Das, S., Bhattacharya, B. Channel routing in Manhattan-diagonal model 95152
Das, S., Chowdhury, S.K. On a self-complementary microstrip antenna 117015
Das, S., Lahiri, S.K. Transient response of polysilicon fuse-links for programmable memories and circuits 106149
Das, S. *see* Bhanu, B. 90707
Das, S. *see* Bhattachargee, P.S. 73623
Das, S. *see* Datta, S. 84888
Das, S. *see* Hutchinson, J. 105791
Das, S. *see* Kal, S. 106183
Das, S.K. Stability analysis of Hill systems 103787
Das, S.K., Chakraborty, S.K., DasGupta, A. Daytime amplitude scintillations at a low latitude station, Calcutta 85870
Das, S.K., Rao, P.H., Kanda, M. Calibration of antenna factor of a tuned dipole using two antenna method, NIST method and a proposed reference antenna 76591
Das, S.K. *see* Ganesan, R. 82017
Das, S.K. *see* Subba Rao, B. 76448
Das, S.P., Chattopadhyay, A.K. Observer based stator flux oriented vector control of cycloconverter-fed synchronous motor drive 112448
Das, S.P., Chattopadhyay, A.K. Comparison of simulation and test results for an ac commutator-less motor drive 121992
Das, S.R., Goel, N., Jone, W.B., Nayak, A.R. Syndrome signature in output compaction for VLSI BIST 93338
Das, S.R. *see* Jeffery, C.L. 87733
Das, S.R. *see* Jone, W.-B. 93268
Das, S.R. *see* Xu, D.-X. 74625
Das, U., Dhar, S., Mazumdar, M. Atomic layer epitaxial predeposition for GaAs growth on Si 72804
Das, U. *see* Mazumdar, M. 74148
Das, V.D., Kirupavathy, S., Damodare, L., Lakshminarayan Optical and electrical investigations of indium oxide thin films prepared by thermal oxidation of indium thin films 74279
Das, V.Damodara *see* Damodara Das, V.
das Neves, M.V.Guerreiro *see* Guerreiro das Neves, M.V.
Das Peddada, S., McDevitt, R. Least average residual algorithm (LARA) for tracking the motion of Arctic sea ice 90827
Das-Gupta, D.K., Scarpa, P.C.N. Polarization and dielectric behaviour of AC aged polyethylene 64115
Das-Gupta, D.K., Scarpa, P.C.N. Polarization and dielectric behavior of ac-aged polyethylene 84700
Das-Gupta, D.K. *see* Acevedo-Contla, P. 111387
Das-Gupta, D.K. *see* Scarpa, P.C.N. 72973
Dasarathy, B.V. Fusion strategies for enhancing decision reliability in multisensor environments 66800
Dasarathy, B.V. Adaptive fusion processor paradigms for fusion of information acquired at different levels of detail 66803
Dasarathy, B.V. Fusion strategies for deployment of binary-decision sensors in multi choice decision environments 117348
Dasarathy, B.V. *see* Lindberg, P.C. 117351
Dasari, A.K., Song, N., Chrzanowska-Jeske, M. Layout-driven factorization and fitting for cellular-architecture FPGAs 73284
Dasari, R.R. *see* Zangaro, R.A. 110761
D'Asaro, L.A. *see* Chirovsky, L.M.F. 85334
D'Asaro, L.A. *see* Ford, J.E. 95642
D'Asaro, L.A. *see* Krishnamoorthy, A.V. 65002
D'Asaro, L.A. *see* Kuo, J.M. 85101
D'Asaro, L.A. *see* Woodward, T.K. 78867
Dascalaki, E. *see* Balaras, C.A. 102352
Dascalaki, E. *see* Papadopoulos, K.H. 110457
Dascalaki, E. *see* Santamouris, M. 122090
Dascalescu, L., Samuila, A., Tobazeon, R. Cylindrical conductive particles in the proximity of an electrode affected by a high-intensity electric field 107742
Dascalescu, L. *see* Rafiroiu, D. 76354
Dascalu, C., Motoc, C. Electro-optic properties of a new ferroelectric liquid crystal with isotropic-chiral smectic-C phase sequence 75619
Dascalu, D. *see* Caldararu, M. 69035
Dascalu, D. *see* Popa, O. 113549
Dascalu, T., Pavel, N., Lupei, V., Philipps, G., Beck, T., Weber, H. Investigation of a passive Q-switched, externally controlled, quasicontinuous or continuous pumped Nd:YAG laser 75907
Dascalu, T. *see* Pavel, N. 76086
Dascalu, T. *see* Pavel, N. 107406
Dascalu, T. *see* Pavel, N. 116581
Daschner, W., Lee, S.H. Reproducing micro-optics in quantities by semiconductor microfabrication techniques 85760
Daschner, W., Stein, R., Pin Long, Chuck Wu, Lee, S.H. One-step lithography for mass production of multilevel diffractive optical elements using high energy beam sensitive (HEBS) gray-level mask 95807
Dasey, T.J. *see* Heinrichs, R.M. 120652
Dasgupta, A., Karri, R. Hot-carrier reliability enhancement via input reordering and transistor sizing 84457
Dasgupta, A., Karri, R. Electromigration reliability enhancement via bus activity distribution 84549
DasGupta, A. *see* Das, S.K. 85870
Dasgupta, A. *see* Ling, S. 82200
Dasgupta, A. *see* Pecht, M. 60727
Dasgupta, B., Chatterji, B.N. Fourier-Mellin transform based image matching algorithm 87192

DasGupta, B., Sontag, E.D. Sample complexity for learning recurrent perceptron mappings 97837
Dasgupta, B. *see* Janaki, M.S. 93694
Dasgupta, B.B., Headley, K.L. An infinitely long deflection yoke with an elliptical cross section and its usefulness for 16:9 systems 83775
Dasgupta, P.S., Sen, A.K., Nandy, S.C., Bhattacharya, B.B. Geometric bipartitioning problem and its applications to VLSI 95159
Dasgupta, S., Shrivastava, Y., Reddys, S.M. Correcting unidirectional errors with nonpositive Hopfield networks 66375
DasGupta, S. *see* Sayah, J.Y. 113638
DasGupta, S. *see* Zhao, O. 97472
Dash, G.N., Mishra, J.K., Panda, A.K. Noise in mixed tunneling avalanche transit time (MITATT) diodes 115134
Dash, G.N. *see* Dash, S.K. 104849
Dash, G.N. *see* Mishra, J.K. 104846
Dash, G.N. *see* Panda, A.K. 74682
Dash, P.K., Mohapatra, A., Liew, A.C. Advanced HVDC link control for damping power system oscillations 70665
Dash, P.K., Panda, S.K. Variable structure control of AC-DC system 90963
Dash, P.K., Patnaik, S.K., Panda, S.K. Adaptive neural network for real-time estimation of basic waveforms of voltages and currents 70809
Dash, P.K., Rauta, S. A new approach to estimation of signal components for fault detection 90944
Dash, P.K., Routray, A., Panda, P.C., Panda, S.K. Adaptive fuzzy logic control of a static VAr system 111522
Dash, P.K., Routray, A., Panda, S.K. Gain scheduling adaptive control strategies for HVDC systems using fuzzy logic 111575
Dash, P.K., Routray, A., Panda, S.K., Liew, A.C. Fuzzy tuning of DC link controllers 80993
Dash, P.K., Satpathy, H.P., Rahman, S. Short term daily average and peak load predications using a hybrid intelligent approach 80958
Dash, P.K., Swain, D.P., Khincha, H.P., Liew, A.C. Digital protective relaying using an adaptive neural network 81138
Dash, P.K., Swain, D.P., Mishra, B.R., Rahman, S. Power quality assessment using an adaptive neural network 111462
Dash, P.K. *see* Panda, S.K. 121444
Dash, P.K. *see* Routray, A. 111568
Dash, S.K., Dash, G.N., Pati, S.P. Minimisation of avalanche noise through modulation of location of clump charge in silicon low-high-low double drift region diode 104849
Dashkevich, V.I. *see* Tyushkevich, B.N. 116757
Dashney, G., Walker, L. SPICE generates thermal response models of a power semiconductor 115122
DaSilva, V.M., Sousa, E.S. Fading-resistant transmission from several antennas 99194
DaSilva, V.M., Sousa, E.S. Differentially coherent fading-resistant transmission from several antennas 109548
Daskalov, R. *see* Boukliev, I. 76792
Dass, B.K., Eugeni, F., Innamorati, S. Low-density burst error locating/correcting linear codes 108140
Dass, B.K., Foundas, E., Tsikouras, P. Random and burst error correcting linear codes 108141
Dassanayake, P. *see* Zonoozi, M. 118909
Dassanayake, P. *see* Zonoozi, M.M. 78446
Dassanayake, P. *see* Zonoozi, M.M. 118885
Dassonville, J.-F., Bringer, C. Reactor closure head replacement in France. A complex operation, running smoothly 111756
d'Assuncao, A.G. *see* Albuquerque, E.L. 75152
d'Assuncao, A.G. *see* Albuquerque, M.R.M.L. 114207
D'Assuncao, A.G. *see* Oliveira, J.R.S. 97304
Dastangoo, S. A multimedia medium access control protocol for ATM based mobile networks 88369
Dasu, S. *see* Abe, K. 69708
Dasu, S. *see* Abe, K. 69726
Dasu, S. *see* Smith, W.H. 100974
Datars, W.R. *see* Palidwar, J.D. 94429
Datcu, M. Scene understanding from SAR images. An overview 111109
Datczuk, A. *see* Klajn, A. 121789
Date, A., Kurata, K., Amari, S. Number of equilibrium states in a randomly and symmetrically connected recurrent neural network with a variable threshold 61848
Date, H. Results and future works on parallel LSI-CAD 93069
Date, H., Nakao, M., Hatayama, K. A parallel sequential test generation system DESCARTES based on real-valued logic simulation 61762
Date, S. *see* Ino, M. 73249
Date, S.K. *see* Nawathey-Dikshit, R. 72977
Date, S.K. *see* Santhosh, P.N. 106110
Date, S.K. *see* Santhosh, P.N. 114339
Datema, C. *see* Durrant, P. 110699
Datksov, V.I., Demko, J.A., Weisend, J.G., Hentges, M. Cryogenic thermometry in superconducting accelerators 100427
Datla, R.U. *see* Migdall, A.L. 89528
Dato, R. *see* Nagarajan, R. 78835
Dato, R. *see* Nagarajan, R. 88570
Dato, R. *see* Nagarajan, R. 99475
Dato, R. *see* Nagarajan, R. 109607
Datong Wei *see* Petrick, N. 120389
Datong Wei *see* Sahiner, B. 120292
Datong Wei *see* Sahiner, B. 120387
Datskov, V.I. *see* Baldin, A.M. 90061
Datskovskii, L.Kh., Kats, A.B., Korinev, B.L., Kuznetsov, I.S., Rogovoi, V.I., Abramov, B.I. Modernizing asynchronous electric drives 103079
Datt, S., Sharma, K. Fluoroptic thermometry: its potential for testing EED's against HERO 76468
Datta, A. *see* Jay, B.E. 71632
Datta, A.K. *see* Seth, M. 85218
Datta, A.K. *see* Seth, M. 95899
Datta, A.N. *see* Purkait, K. 80355
Datta, B.Nath *see* Nath Datta, B.
Datta, D., Biswas, S. Non-invasive stimulation of hybridoma cells in culture 120548
Datta, D., Singh, D.N., Pradeep, Y.R. An automated MOSFET doping profiling technique 106009
Datta, D. *see* Shukla, D.K. 105746
Datta, J.R. Heater integrated sensor system 71907
Datta, M., Shenoy, R.V., Jahnes, C., Andricacos, P.C., Horkans, J., Dukovic, J.O., Romankiw, L.T., Roeder, J., Deligianni, H., Nye, H., Agarwala, B., Tong, H.M., Totta, P. Electrochemical fabrication of PbSn C4 interconnections 60636
Datta, M. *see* Jaw, S.-J. 63997
Datta, M. *see* Shenoy, R.V. 63996
Datta, M. *see* Shenoy, R.V. 92185
Datta, P., Prakash, A., Kumar, P., Gupta, S.K., Kesavan, R. Doped silicon epitaxial layers by MBE 104000
Datta, P.K. *see* Duke, S. 81887
Datta, P.K. *see* Miles, R.W. 94587
Datta, R. *see* Biswas, D. 105377
Datta, S., Das, S., Sahdev, D., Mehrotra, R. Vortex pinning and critical currents in Josephson junction arrays with defects 84888
Datta, S. *see* Hurd, M. 115925
Datta, S.K. *see* Pal, P.K. 121879
Datte, P. *see* Beuville, E. 80191
Datte, P. *see* Beuville, E. 101239
Dattilo, V. *see* Ciofi, C. 94847
Dattoli, G., Giannessi, L., Torre, A., Segreto, A. The pulse propagation problem in free electron lasers: gain parametrization formulae 65383
Dattoli, G., Renieri, A. Dynamical aspects of FEL interaction in single passage and storage ring devices 96444
Dattoli, G., Torre, A., Voykov, G.K., Carpanese, M., Segreto, A. Analytical treatment of transverse-mode evolution in free electron lasers 107357
Dattoli, G. *see* Bulfone, D. 76053
Dattoli, G. *see* Georgii, R. 76050
Dattoli, G. *see* Lumpkin, A. 100580
Dattoli, G. *see* Walker, R.P. 96521
Datwyler, W.F. *see* Brown, F., III 99866
Datz, F. *see* Clark, N. 120336
Datz, F.L. *see* Banish, M.R. 80261
Dau-Chyrh Chang *see* Cheng-Geng Jan 93654
Daub, K. *see* Idler, W. 96706
Daub, K. *see* Schilling, M. 78777
Daub, K. *see* Schilling, M. 99599
Daubenmier, C.M. *see* Gan, K.K. 90132
Daubenspeck, J.A. *see* Akay, M. 80386
Daubespeck, T. *see* Xu, X. 80529
d'Aubigne, Y.Merle *see* Merle d'Aubigne, Y.
Daubney, C. Maintaining a valuable programme archive in the face of technological change–some pragmatic thoughts 109951
Dauchet, M. *see* Rivals, E. 90277
Daud, F. *see* Abd-El-Barr, M.H. 109055
Daud, T. *see* Duong, T.A. 104767
Daud, T. *see* Langenbacher, H. 104757
Daudin, B., Brun-Le-Dunff, D., Tatarenko, S. Stoichiometry determination of the Te-rich (100) CdTe and (100) ZnTe surfaces 82621
Daudin, B. *see* Brun-Le Cunff, D. 83989
Daudin, B. *see* Brun-Le Cunff, D.B.. 74460
Daudin, B. *see* Rossner, U. 92750
Daudin, B. *see* Veron, M.B. 104035
Daudin, J.-J. Study of the range of a Bernoulli randon walk 82409
Dauelsberg, M., Kadinski, L., Makarov, Yu.N., Woelk, E., Strauch, G., Schmitz, D., Jurgensen, H. GaN-MOVPE: correlation between computer modelling and experimental data 104071
Daugela, A., Fujii, H., Jeronymo, C.E., Misaki, A. Piezo ceramic based locomotive drive 64174
Daugert, R.D., Evans, H.E., Jurczynski, S.Z., Bernabei, S., Walls, R.W. Brazed ceramic window for ion Bernstein wave heating 104797
Daughton, J., Brown, J. GMR: the next generation of magnetic field sensors 89019
Daughton, J., Brown, J. GMR: the next generation of magnetic field sensors 99969
Daughton, J. *see* Beech, R.S. 115876
Daughton, J.M. *see* Everitt, B.A. 115636
Daughton, J.M. *see* Pohm, A.V. 75253
Daughton, J.M. *see* Pohm, A.V. 115875
Daughton, J.M. *see* Wang, D. 115648
Daughtry, C.S.T. *see* Leblanc, E. 120888
Dauguet, P., Gandit, P., Chaussy, J. New methods to measure the current perpendicular to the plane magnetoresistance of multilayers 79642
Dauguet, P., Gandit, P., Chaussy, J. Alternating techniques to measure magnetoresistance effects with a sensitivity of 2 pΩ under 3 T down to 60 fΩ in zero field 100270
Dauguet, P. *see* Dieny, B. 75205
Dauguet, S., Renaud, L., Gillard, R., Citerne, J., Piton, G. Rigorous global electromagnetic analysis of interconnections in MHIC applications 93929
Dauksher, W.J. *see* Mancini, D.P. 115045
Dauletmuratov, B.K. *see* Baidullaeva, A. 114595
Daulton, M., Barlow, C.L., Williams, M.T., Young, T. Teaching Appalachian teachers: distance education technology frontier 92069
Daum, A. The last mile: Getting past the bandwidth bottleneck [Internet access] 118257
Daum, A. US deregulation: beyond the letter of the law 118266
Daum, D.R. *see* Hardin, P.J. 111347
Daum, F. Nonlinear optimal semi-recursive filtering 108374
Daum, F. Optimal nonlinear filtering with the method of virtual measurements 108377
Daum, W. *see* Fillion, R. 94140
Daumann, W., Brockerhoff, W., Bertenburg, R., Reuter, R., Auer, U., Molls, W., Tegude, F.-J. On the advantages of InAlAs/InGaAs/InP dual-gate-HFETs in comparison to conventional single-gate-HFETs 104831
Daumann, W., Ellrodt, P., Brockerhoff, W., Bertenburg, R., Reuter, R., Auer, U., Molls, W., Tegude, F.-J. InAlAs/InGaAs/InP HFET with suppressed impact ionization using dual-gate cascode-devices 104853
Daumann, W. *see* Peters, D. 114270
Daume, E.Y. *see* Veryovkin, Y.K. 116336
Dauphin-Tanguy, G. *see* Garcia, J. 63526
Dauphin-Tanguy, G. *see* Garcia, J. 113750
Dauphin-Tanguy, G. *see* Tagina, M. 72335
Dauplaise, H.M., Vaccaro, K., Davis, A., Ramseyer, G.O., Lorenzo, J.P. Analysis of thin CdS layers on InP for improved metal-insulator-semiconductor devices 105498
Dauplaise, H.M. *see* Stadler, B.J.H. 62729
Dauplaise, H.M. *see* Vaccaro, K. 63316
Dauplaise, H.M. *see* Vaccaro, K. 100048
Dauplaise, H.M. *see* Vaccaro, K. 105971
D'Auria, G., Bocchetta, C.J., Plesko, E., Rossi, C., Tosi, L., Walker, R.P., Wrulich, A. Operation of the ELETTRA injection linac in the FEL mode 79875
d'Auria, G. *see* Baldacchini, G. 95942
D'Auria, G. *see* Bocchetta, C.J. 79809
D'Auria, G. *see* Bulfone, D. 76053
d'Auria, G. *see* Pierdicca, N. 90807
D'Auria, G. *see* Walker, R.P. 96521
D'Auria, S., O'Shea, V., Smith, K., Conway, N., Marsh, J., McLean, C., Roberts, J. MQW modulators for X-ray imaging 116112
D'Auria, S. *see* Bates, R. 80029
D'Auria, S. *see* Bates, R. 120148
D'Auria, S. *see* Bates, R.L. 120142
D'Auria, S. *see* Bates, R.L. 120149
D'Ausbourg, B., Calas, C. Controlling causal dependencies over a secure network 109119
Dausch, D.E., Haertling, G.H. The domain switching and structural characteristics of PLZT bulk ceramics and thin films chemically prepared from the same acetate precursor solutions 84719
Dauscher, A., Thomy, A., Scherrer, H. Pulsed laser deposition of Bi_2Te_3 thin films 113429
Dausinger, F. *see* Garnov, S.V. 92954
Dausinger, F. *see* Garnov, S.V. 107659
Dausinger, F. *see* Hugel, H. 116793
Dausmann, G., Menz, I., Gnadig, K., Zishao Yang Copy proof machine readable holograms for security application 65541
Daut, D.G., Wu, J.-C. Adaptive cosine transform image coding with variable block size and constant block distortion 86526
Dautartas, M.F., Benzoni, A.M., Broutin, S.L., Coucoulas, A., Moser, D.T., Wong, Y.-H., Yiu-Man Wong Optical performance of low-cost self-aligned MCM-D based optical data links 99506
Dautenhahn, K. *see* Kindermann, Th. 77249
Dautet, H. *see* McIntyre, R.J. 75732
Dautet, H. *see* McIntyre, R.J. 95991
Dautraix, I. *see* Hernandez, A. 90371
Dautriche, D., Lestrat, P., Josse, G., Debrie, F., Borel, G., Thouret, E. 0.8 μm HSOI4CB rad-tolerant technology for space applications: a solution to harden existing components with minimum design risk 106218
Dautriche, P., Aubert, J.P., Vellou, D. ADC performance drift trade-off: a case study 104625
Daval, J. *see* Rahman, I.Z. 115589
Davancens, R., Menardi, A., Angebault, L.-P., Chamonal, J.-P. Development of a long linear array beyond 12.5 μm for Earth observation 70546
Davanloo, F. *see* Collins, C.B. 113436
Davarashvili, O.I. *see* Bychkova, L.P. 65337
Davari, B. *see* Chen, B.A. 84579
Davarian, F. Ka-band propagation research using ACTS 109586
Davat, B. *see* Agbossou, A. 121928
Davatzikos, C. Nonlinear registration of brain images using deformable models 110710
Davatzikos, C., Prince, J.L. Convexity analysis of active contour problems 86438
Davatzikos, C. *see* Vaillant, M. 110716
Dave, A. *see* Islam, N. 77767
Dave, M., Bougie, F. Unleashing engineering productivity [PCB CIM] 62460
Dave, M.P., Kumar, N. A flexible AC transmission system "steady state and dynamic performance analysis" 102046

Dave, M.P., Kumar, N. Auxiliary controlled SVS and controlled series compensation for flexible AC transmission systems 111565
Dave, M.P., Kumar, N. SVS auxiliary controllers to improve the dynamic performance of long transmission lines with and without series compensation 121146
Daveau, J.-M. *see* Ismail, T.B. 77761
Davenport, I.J. *see* Mason, D.C. 111169
Davenport, M. *see* Adam, W. 69709
Davey, H. *see* Bjorkman, N. 118047
Davey, K.R. *see* Zheng, D. 65681
Davey, R.P., Smith, K., Wyatt, R., Williams, D.L., Holmes, M.J., Pataca, D.M., Rocha, M.L., Gunning, P. Ultrashort pulse generation and processing at 1.3 µm for ultra high speed photonic networks 78709
Davey, R.P. *see* Gunning, P. 65342
Davey, R.P. *see* Gunning, P. 78710
David, A., Pouliquen, H. Adjustable speed drive with an integrated harmonics compensation-braking module 121974
David, A. *see* Boothroyd, S.A. 87244
David, A.K. Risk modelling in energy contracts between host utilities and BOT plant investors 81191
David, A.K. *see* To, K.W.V. 70682
David, A.K. *see* Ye, P. 121228
David, B. *see* Dupuis, P. 120274
David, D. *see* Barak, J. 73388
David, D. *see* Barak, J. 104553
David, E., Parpal, J.-L., Crine, J.-P. Influence of internal mechanical stress and strain on electrical performance of polyethylene electrical treeing resistance 64110
David, E. *see* Calen, H. 120194
David, F. *see* Togui, L. 121475
David, G., Jager, D., Tempel, R., Wolff, I. Analysis of microwave propagation effects using two-dimensional electrooptic field mapping techniques 104862
David, G., Kistenev, E., Patwa, A., Stoll, S., White, S., Woody, C., Bazilevsky, A., Belikov, S., Chernichenkov, S., Denisov, A., Gilitzky, Yu., Kochetkov, V., Melnikov, Y., Onuchin, V., Semenov, V., Shelikhov, V., Soldatov, A. Performance of the PHENIX EM Calorimeter 80077
David, G., Kistenev, E., Patwa, A., Stoll, S., White, S., Woody, C., Belikov, S., Denisov, A., Gilitzky, Y., Kochetkov, V., Melnikov, Y., Mikhailov, Y., Onuchin, V., Semenov, V. The PHENIX shish-kebab EM calorimeter 100863
David, G., Tempel, R., Ising, A., Kalayci, Y., Wolff, I., Jager, D. Circuit-internal characterization of MMICs using two-dimensional electro-optic field mapping in combination with microwave CAD techniques 62360
David, G., Tempel, R., Wolff, I., Jager, D. In-circuit electro-optic field mapping for function test and characterization of MMICs 93892
David, G. *see* Jager, D. 73799
David, G. *see* Jager, D. 83520
David, J. *see* Magnin, F. 66133
David, J. *see* Morin, J. 110605
David, J.P. *see* Tastet, P. 104337
David, J.P.R. *see* Kowalski, O.P. 72754
David, J.P.R. *see* Plimmer, S.A. 63545
David, J.P.R. *see* Plimmer, S.A. 74689
David, K., Blanc, P., Kassing, T. Handover and link adaptation evaluation of the RACE/ATDMA system concept for a 3rd generation air interface by simulation 109482
David, K. *see* Benkner, T. 78472
David, K. *see* Benkner, T. 118870
David, K. *see* Schonborn, M. 78470
David, L., Kovacs, B., Mojzes, I., Kincses, Z., Pecz, B. Reliability of multilayer metal-nGaAs interfaces 94600
David, L., Kovacs, B., Pecz, B., Mojzes, I., Dobos, L., Vincze, G. AlNiGe as a new dedicated material for contacts to n-GaAs 94568
David, M.J. *see* Rickard, R.P. 76660
David, M.W.A. Video file servers from concept to reality 78159
David, R. *see* Crepaux-Motte, S. 104483
David Ihsin Cheng, Kwang-Ting Cheng, Wang, D.C., Marek-Sadowska, M. A new hybrid methodology for power estimation 83100
David Yang Hung Y. *see* Hung Y. David Yang
Davidai, G. *see* Berry, J.L. 69955
Davide, F. *see* di Natale, C. 100155
Davide, F.A.M. *see* D'amico, A. 89041
Davide, F.A.M. *see* Di Natale, C. 119765
Davidov, D., Faraggi, E.Z., Cohen, G., Neumann, R., Avny, Y. Spectral tuning of electroluminescence in conjugated copolymers by application of an external electric field 64962
Davidov, D. *see* Golosovsky, M. 100266
Davidov, N.N., Sushkova, L.T., Rufitskii, M.V., Kudaev, S.V., Galkin, A.F., Orlov, V.N., Prokoshev, V.G. Research of physical-chemical processes in optically transparent materials during colouring points formation by volumetric-graphical laser processing 106748
Davidovic, D. *see* Jiang, J.S. 115913
Davidovich, A. *see* Giacalone, G. 73368
Davidovich, M.A. *see* Chiappe, G. 62976
Davidovich, T. *see* Nekrasov, G. 95872
Davidovits, J.V. *see* Vuillaume, D. 106369
Davidovitz, M., Fraasch, S. Coupling between two microstrip lines through an aperture in a thick ground plane 114185
Davidovitz, M. *see* Herd, J.S. 97357
Davids, P.S., Kogan, S.M., Parker, I.D., Smith, D.L. Charge injection in organic light-emitting diodes: tunneling into low mobility materials 116257
Davidse, J. *see* Koster, R. 62071
Davidsen, K. Diversity investigations in connection with wideband signal reception 99196
Davidson, A.D. *see* Bolme, G.O. 89706
Davidson, B.A., Nordman, J.E., Hinaus, B.M., Rzchowski, M.S., Siangchaew, K., Libera, M. Superconductor-normal-superconductor behavior of Josephson junctions scribed in $Y_1Ba_2Cu_3O_{7-\delta}$ by a high-brightness electron source 75355
Davidson, B.D. *see* Sundararaman, V. 113625
Davidson, B.R., Hart, L., Newman, R.C., Joyce, T.B., Bullough, T.J. Characterization of carbon delta-doping GaAs superlattices grown by chemical beam epitaxy using CBr_4 103945
Davidson, B.R., Newman, R.C., Kaneko, T., Naji, O., Bachem, K.H. The rotation of the alignment by 90° of $(H-(C_{As})_2)$ complexes resulting from metalorganic molecular beam epitaxy or metalorganic vapour phase epitaxy growth on GaAs(001) using trimethylgallium 103947
Davidson, C. *see* Mansour, M. 91999
Davidson, C.C. *see* Ballad, J.P. 70823
Davidson, C.R. Undersea lightwave transmission technology and techniques 99499
Davidson, C.R. *see* Bergano, N.S. 78681
Davidson, C.R. *see* Bergano, N.S. 78913
Davidson, C.R. *see* Bergano, N.S. 88646
Davidson, C.R. *see* Feggeler, J.C. 78683
Davidson, D.B. *see* Meyer, F.J.C. 96878
Davidson, D.B. *see* Meyer, F.J.C. 116861
Davidson, D.B. *see* Theron, I.P. 116814
Davidson, F. *see* Chen-Chia Wang 98062
Davidson, G. *see* Mittermayer, J. 120713
Davidson, G.W. Some general properties of SAR signals and processing algorithms 68561
Davidson, H.L. *see* Kerns, J.A. 82218
Davidson, I., McMillan, R., Murray, J.J., Shu, Z. Two new manganese based oxides as cathodes and a new electrolyte for use in lithium-ion cells 112240
Davidson, I.E. A mathematical algorithm for investigating soil resistivity 102246
Davidson, I.E. Energy, economy and environment: the impact of conventional fuels and industrial pollutants 102358
Davidson, I.E., Oni, J.O. Energy management issues in Nigeria: implications on manufacturing technology and national development 101844
Davidson, I.J. *see* Shu, Z.X. 102952
Davidson, J. *see* Achour, C. 77057
Davidson, J.C. *see* Raley, N.F. 74870
Davidson, J.H., McKinney, P.J., Linnebur, P. Three-dimensional (3-D) model of electric field and space charge in the barbed plate-to-plate precipitator 96963
Davidson, J.L., Xia Hua, Ashlock, D. A comparison of genetic algorithm, regression, and Newton's method for parameter estimation of texture models 77441
Davidson, J.L. *see* Gurbuz, Y. 119767
Davidson, J.L. *see* Kang, W.P. 74029
Davidson, J.L. *see* Kang, W.P. 83746
Davidson, K.L. *see* Jordan, M.S. 120798
Davidson, L., Stephens, T. Measurement of group delay characteristics of chirped fibre Bragg gratings 75461
Davidson, M. Electrical monitoring of a wind farm in complex upland terrain 102560
Davidson, M. *see* Dehkordi, P. 61965
Davidson, M.R. Stability of the extreme point set of a polyhedron 82503
Davidson, N.C., Forde, M.C. A laboratory appraisal of ground-penetrating radar over water 70543
Davidson, P. *see* Benson, S.V. 107358
Davidson, R., Charap, S., Simmons, R. Vector combined Preisach model with a biaxial switching operator for simulation of unoriented thin-film media 106604
Davidson, R., Simmons, R., Charap, S. Prediction of the limitations placed on magnetoresistive head servo systems by track edge writing for various pole tip geometries 75285
Davidson, R.C. *see* Qian Qian 69676
Davidson, R.J., Charap, S.W. Combined vector hysteresis models and applications 115832
Davidson, R.J., Simmons, R.F., Champion, E., Bertram, H.N., Charap, S.H. Across-the-track performance of dual stripe magnetoresistive heads 115804
Davidson, T.J. *see* McKenzie, B.K. 92055
Davidson, W.S. Water quality monitoring 70540
Davidson, W.W., Puri, A. Effect of an alternating current field on charge trapped in biased double barrier heterostructures 114695
Davies, A. *see* Mansell, R. 77815
Davies, A.C. *see* Jia Hong Yin 87033
Davies, A.C. *see* Yin, J.H. 98246
Davies, A.E., Lewin, P.L., Tong, Y.K. Surge attenuation in cable systems 91169
Davies, A.E. *see* Blackwell, A.K. 81081
Davies, A.E. *see* Chen, G. 91170
Davies, A.E. *see* Theed, J.E. 81080
Davies, A.G., Mitchell, E.E., Clark, R.G., Simmonds, P.E., Silver, T.M., Ritchie, D.A., Simmons, M.Y., Pepper, M., Jones, G.A.C. Magneto-optics as a probe of the two-dimensional hole system 62908
Davies, A.M., Griffiths, H., Beddoes, A.J. Standards applicable to earthing system design which ones to follow? 111665
Davies, B., Harris, S., Razban, A., Efstathiou, J. Application experience of a robotic cell for automated adhesive dispensing 103481
Davies, B.L. *see* Harris, S.J. 90554
Davies, C. Internet contracts 67769
Davies, C.M. *see* Ryan, D.T. 95411
Davies, D.A.O. *see* Kennedy, G.T. 116524
Davies, G., Carter, S., McIntosh, S., Stefanescu, D. Technology and policy options for the telecommunications sector: The situation in central and eastern Europe and the former Soviet Union 67632
Davies, G.J. *see* Foord, J.S. 103883
Davies, G.J. *see* Foord, J.S. 103921
Davies, G.J. *see* Smith, N.J.T. 80092
Davies, G.J. *see* Spooner, N.J.C. 100840
Davies, J. Managing risk in the new market opportunities 102293
Davies, J.B., Dean, A.J. Finite volume with non-uniform mesh for the solution of Maxwell's equations 65642
Davies, J.B. *see* Haes, J. 76540
Davies, J.H. *see* Arokianathan, C.R. 84287
Davies, J.H. *see* Barton, C.J. 62931
Davies, J.H. *see* Borsosfoldi, Z. 63810
Davies, J.H. *see* Larkin, I.A. 105283
Davies, K.P. HDTV evolves for the digital era 79157
Davies, M., Curnow, J. Intrapartum fetal pulse oximetry 80373
Davies, M. *see* Koteles, E.S. 65366
Davies, M. *see* Poole, P.J. 96038
Davies, M.A., Evans, K.G. Aeronautical facsimile and data communications by satellite 98625
Davies, M.S. Effects of 60 Hz electromagnetic fields on early growth in three plant species and a replication of previous results 70267
Davies, N., Blair, G.S., Cheverst, K., Friday, A. Supporting collaborative applications in a heterogeneous mobile environment 87665
Davies, N. *see* Cheverst, K. 118341
Davies, N. *see* Friday, A.J. 98502
Davies, N.C. *see* Lundborg, B. 99057
Davies, P., Milton, H. ATT ALERT: the development, harmonisation and standardisation of an integrated European traveller information system 99092
Davies, P. *see* Hudson, R. 98284
Davies, P. *see* Hughes, D. 121200
Davies, P.A. *see* Gomez-Rojas, L. 64887
Davies, P.A. *see* Lima, C.R. 96419
Davies, P.A. *see* Wake, D. 109690
Davies, P.K. *see* Vineis, C. 64024
Davies, P.K. *see* Worrell, W.L. 81751
Davies, R. *see* Buchanan, N. 93897
Davies, R. *see* Hongxi Xue 99169
Davies, R. *see* McCullagh, M. 63903
Davies, R. *see* Mandolesi, N. 99703
Davies, R. *see* Smoot, G.F. 99702
Davies, R.D., Gutierrez de la Cruz, C., Rebolo, R., Watson, R.A., Lasenby, A.N., Hancock, S. The Tenerife observations. I. The performance of the Tenerife CMB experiments 99700
Davies, R.M., Woods, J.V. Timing verification for asynchronous design 113670
Davies, S.T., Khamsehpour, B. Focused ion beam machining and deposition for nanofabrication 60596
Davies, S.T. *see* Khamsehpour, B. 60595
Davies, T.S., Mayer, R., Nouri, H. Integration of wind turbines into the low voltage network 102525
Davies, T.S., Nouri, H., Britton, F.W. Towards the control of contact bounce 104920
Davies, T.S., Nouri, H., Jefferson, C.M. Alternative approaches to wind energy conversion systems 71202
Davies, T.S., Nouri, H., Jefferson, C.M. Study of wind energy conversion systems 102526
Davies-White, W. *see* Wienands, U. 79958
Davila, A. *see* Kaufmann, G.H. 107630
Davila, C.E. *see* Ghaleb, I. 70136
Davin, J.M. *see* Burkhart, S.C. 85415
Davinson, T. *see* Catford, W.N. 69884
Daviot, J., Grabon, V., Roux, C. Superphenix feedwater plant design and operation 71060
Davis, A. *see* Dauplaise, H.M. 105498
Davis, A. *see* Stadler, B.J.H. 62729
Davis, A. *see* Vaccaro, K. 63316
Davis, A. *see* Vaccaro, K. 100048
Davis, A. *see* Vaccaro, K. 105971
Davis, A.J. *see* Fischer, G. 104635
Davis, A.R. *see* Kersey, A.D. 89124
Davis, B. *see* Perkins, T.L. 120313
Davis, B.L., Cothren, R.M., Quesada, P., Hanson, S.B., Perry, J.E. Frequency content of normal and diabetic plantar pressure profiles: implications for the selection of transducer sizes 80195
Davis, B.L. *see* Dingwell, J.B. 80422
Davis, C. *see* Moslehi, M.M. 84056
Davis, C.C. *see* Atia, W.A. 110403
Davis, C.C. *see* Wagreich, R.B. 119704
Davis, C.E. *see* Spencer, T.A. 105062

Davis, C.H. Temporal change in the extinction coefficient of snow on the Greenland ice sheet from an analysis of Seasat and Geosat altimeter data 111281
Davis, D.D., Mettler, S.C., DiGiovanni, D.J. Experimental data on the fiber fuse 106786
Davis, D.D. *see* Lovinger, A.J. 74299
Davis, D.M. Cellular telephones and pagers in Hawaii: cultural influences on personal use patterns 88280
Davis, D.T., Jenq-Neng Hwang Estimating the multivariate conditional density using relatively sparse training data pairs 108336
Davis, E.A. *see* Choi, J. 94415
Davis, E.S. *see* Bar-Sever, Y.E. 119334
Davis, F., Jolley, N.E., Robinson, A.M., Hadjifotiou, A. A low cost, transparent, high gain electro-optic amplifier for fibre access networks 67945
Davis, F.W. *see* Yong Wang 120911
Davis, F.W. *see* Yong Wang 120913
Davis, G.A., Weiss, R.E., LaRue, R.A., Williams, K.J., Esman, R.D. A 920-1650-nm high-current photodiode 75722
Davis, G.A., Weiss, R.E., LaRue, R.A., Williams, K.J., Esman, R.D. A 920-1650-nm high-current photodetector 110161
Davis, H. *see* De Roure, D. 87968
Davis, H.A., Coates, D.M., Faehl, R.J., Olson, J.C., Reass, W.A., Greenly, J.B., Lovberg, R.R., Rej, D.J., Schleinitz, H.M. Progress toward a microsecond duration, repetitive, intense-ion beam accelerator 119971
Davis, H.T., III. *see* Felber, F.S. 119292
Davis, J. *see* Cauchick-Miguel, P. 99826
Davis, J. *see* Suddoth, T.R. 91986
Davis, J. *see* Wu, D.M. 104529
Davis, J.A., Carcole, E., Cottrell, D.M. Range-finding by triangulation with nondiffracting beams 65558
Davis, J.A., Tiangco, R.P., Cottrell, D.M., O'Shea, D.C., Poutous, M.K. Four-plane space-variant Fresnel-transform optical processor with a random phase encoder 98009
Davis, J.C., Hughes-Oliver, J., Gyurcsik, R.S., Lu, J.-C. Improved within-wafer uniformity modeling through the use of maximum-likelihood estimation of the mean and covariance surfaces 63889
Davis, J.C. *see* Hughes-Oliver, J.M. 115315
Davis, J.C. *see* Schwab, K. 106257
Davis, J.F. Loopback radio frequency translator for the ACTS Mobile Terminal 68335
Davis, J.L. *see* Elosegui, P. 101503
Davis, J.L. *see* Jaldhag, R.T.K. 101517
Davis, K.C. *see* Wilson, B.W. 90621
Davis, K.L. *see* Pelletier, M.J. 63391
Davis, K.M., Helimann, D.L., Kollatschny, S., Lessard, C. Challenges facing technology assessment in modern health care 120250
Davis, L. *see* Chellappa, R. 98329
Davis, L. *see* Monacos, S.P. 78918
Davis, L. *see* Shock, C.T. 66864
Davis, L.E. *see* Abbas, F. 93812
Davis, L.E. *see* Abbas, F. 114221
Davis, L.E. *see* Arnaut, L.R. 97266
Davis, L.E. *see* Arnaut, L.R. 100298
Davis, L.E. *see* Drossos, G. 66047
Davis, L.E. *see* Drossos, G. 76635
Davis, L.E. *see* Drossos, G. 117046
Davis, L.E. *see* Lacey, D. 66046
Davis, L.E. *see* Lezhu Zhou 76527
Davis, L.E. *see* Lezhu Zhou 93689
Davis, L.E. *see* Phillips, A.C. 77085
Davis, L.E. *see* Sloan, R. 83306
Davis, L.S. *see* Aloimonos, Y. 67467
Davis, L.S. *see* Bader, D.A. 77289
Davis, L.S. *see* Gavrila, D.M. 86372
Davis, L.S. *see* Horprasert, T. 117900
Davis, L.S. *see* Oberkampf, D. 67412
Davis, L.S. *see* Rosenblum, M. 108488
Davis, L.S. *see* Rosenblum, M. 108489
Davis, L.S. *see* Yacoob, Y. 77303
Davis, L.W. *see* Butker, E.K. 120506
Davis, M. CATV installation basics 119476
Davis, M., Monk, A., Milstein, L.B. A noise whitening approach to multiple-access noise rejection .II. Implementation issues 118784
Davis, M.A., Bellemore, D.G., Putnam, M.A., Kersey, A.D. Interrogation of 60 fibre Bragg grating sensors with microstrain resolution capability 89137
Davis, M.B., Carey, G.F. Multilevel solution of augmented drift-diffusion equations 105840
Davis, M.B. *see* Schreier, L.C. 118245
Davis, M.G., Horton, J.L., Bencomo, J.A. Use of simple quality assurance procedures in the analysis of beam asymmetries on cobalt-60 treatment units 80442
Davis, M.G., Nyerick, C.E., Horton, J.L., Hogstrom, K.R. Use of routine quality assurance procedures to detect the loss of a linear accelerator primary scattering foil 80441
Davis, M.G. *see* Muegge, M. 61883
Davis, M.H. *see* Khotanzad, A. 70794
Davis, M.K., Digonnet, M.J.F. Switching power reduction using a pumped nonlinear directional coupler 109654
Davis, M.M. *see* Goldsmith, P.F. 68790
Davis, M.M. *see* Kildal, P.-S. 108044
Davis, M.T. Delivering education in the next millennium 112779
Davis, P., Hairapetian, G., Hogan, M., Joshi, C., Lampel, M., Park, S., Pellegrini, C., Rosenzweig, J., Travish, G., Zhang, R. The UCLA compact high brightness electron accelerator 89606
Davis, P., Liu, Y. Adaptation to avoid output collision in a chaotic optical ring signal generator 78848
Davis, P. *see* Brogle, R. 90108
Davis, P. *see* Ichii, M. 84956
Davis, P. *see* Zhang, R. 89605
Davis, P.A. Marketing for engineers: great devices are not the same things as great products 60350
Davis, P.A. An approach to power supply market segmentation (or finding the common ground) 71404
Davis, P.R., Mackie, W.A., Hinrichs, C.H., Parsons, J.D., King, J.M. MSM cathodes using β-SiC 73952
Davis, P.R. *see* Hartman, R.L. 73935
Davis, P.R. *see* Hartman, R.L. 83699
Davis, P.R. *see* Mackie, W.A. 104994
Davis, P.R. *see* Tianbao Xie 74042
Davis, P.R. *see* Xie, T. 83712
Davis, P.W. *see* Bialkowski, M.E. 114210
Davis, R. *see* Anson, S. 120934
Davis, R. *see* Ji, Y. 71891
Davis, R. *see* Ni, W. 120898
Davis, R. Jr. *see* Elliott, S.R. 80104
Davis, R.E. *see* Ding, K.H. 111265
Davis, R.E. *see* Stuopis, P.A. 120676
Davis, R.E. *see* Zurk, L.M. 111264
Davis, R.F., Tanaka, S., Kern, R.S., Xu, J., Wendelken, J.F. Initial stages of growth of SiC and AlN thin films on vicinal and on-axis surfaces of 6H-SiC(0001) 103986
Davis, R.F., Tanaka, S., Rowland, L.B., Kern, R.S., Sitar, Z., Ailey, S.K., Wang, C. Growth of SiC and III-V nitride thin films via gas-source molecular beam epitaxy and their characterization 103876
Davis, R.F. *see* Chien, F.R. 61219
Davis, R.F. *see* Edwards, N.V. 114903
Davis, R.F. *see* Gotz, W. 114631
Davis, R.F. *see* Harris, C.I. 105303
Davis, R.F. *see* Smith, L.L. 74568
Davis, R.F. *see* Smith, L.L. 105463
Davis, R.F. *see* Stemmer, S. 103841
Davis, R.F. *see* Tanaka, S. 103982
Davis, R.F. *see* Wolden, C.A. 113463
Davis, R.G. *see* Russell, I.A.D. 63609
Davis, R.G. *see* Wang, Q. 71893
Davis, R.M. *see* Fante, R.L. 108084
Davis, S.J., Allen, M.G., Kessler, W.J., McManus, K.R., Miller, M.F., Mulhall, P.A. Diode laser-based sensors for chemical oxygen iodine lasers 107053
Davis, S.J., Holtzclaw, K.W., Kessler, W.J., Otis, C.E. Ultra-sensitive gain diagnostic for chemical lasers 107054
Davis, S.K. *see* Normand, E. 70338
Davis, T., Beam, G.E., Melhorn, C.J. Voltage sags: their impact on the utility and industrial customers 80951
Davis, T. *see* Ambrose, J. 70580
Davis, V.A., Gardner, B.M. Parasitic current collection by solar arrays in LEO 70407
Davis, W.V., Gupta, M.C. Photorefractive damage to bulk crystals and channel waveguides in periodically poled lithium tantalate 95749
Davis, W.V., Gupta, M.C. Optical characterization of lithium tantalate channel waveguides 95750
Davis Tudor, J. Brewing up a Web approach to industry research 98658
Davison, B. Low-complexity smoother (LO-COST) for low bit-rate codecs 88011
Davison, M., Noor, U.M., Berlouis, L., Uttamchandani, D., O'Donnell, K.P. Photo-assisted evolution of the photoluminescence spectrum of porous silicon immersed in hydrofluoric acid 94318
Davison, S.G. *see* Amos, A.T. 104965
Davison, S.G. *see* Miskovic, Z.L. 83649
D'Avitaya, F.A. *see* Bassani, F. 62892
D'Avitaya, F.Arnaud *see* Arnaud D'Avitaya, F.
Davlat'yan, T.A. *see* Nikulin, A.D. 95410
Davletshin, A.E., Plotnikov, S.A., Vykhodets, V.B., Trakhtenberg, I.S., Arbuzov, V.L. The effect of DLC coating on the properties of magnetic audio heads 88879
Davoli, F. *see* Bolla, R. 68314
Davoli, F. *see* Bolla, R. 77671
Davoli, F. *see* Bolla, R. 77774
Davoli, F. *see* Bolla, R. 87476
Davoli, F. *see* Bolla, R. 99245
Davoli, F. *see* Bolla, R. 109291
Davolio, G. *see* Soragni, E. 112228
Davriu, A., Mallet, P., Pramayon, P. Evaluation of FACTS functionalities within the planning of the very high voltage transmission network; the EDF approach 91095
Davudov, I. *see* Vorobiova, A. 95427
Davy, P. *see* Neefs, M. 98929
Davy, R.J. *see* Hiskens, I.A. 101905
Davydenko, A.N., Kravets, S.Yu., Mokhorov, V.V. Properties of the system of basic functions based on a simple digit function 117409
Davydov, N.I. *see* Lysko, V.V. 121265
Davydov, S.Yu., Tikhonov, S.K. Magnetic susceptibility of wide-gap semiconductors 62692
Davydov, S.Yu., Tikhonov, S.K. Anharmonic properties of wide-gap semiconductors 74264
Davydov, S.Yu., Tikhonov, S.K. To Schottky barrier formation on metal-wide band gap semiconductor contact 105480
Davydov, V.A. *see* Krachkovsky, V.Yu. 117183
Davydov, V.N., Nesmelov, S.N. Photo-emf relaxation in silicon MIS structures induced by an electric pulse 114821
Davydov, V.Y. *see* Kochereshko, V.P. 105323
Daw, S.R. Interference monitoring [railways] 91840
Dawande, M.S., Dubey, G.K. Programmable input power factor correction method for switch-mode rectifiers 81573
Dawande, M.S., Dubey, G.K. Single phase switch mode rectifiers 112127
Dawande, M.S., Kanetkar, V.R., Dubey, G.K. Three-phase switch mode rectifier with hysteresis current control 71490
Dawande, M.S. *see* Kanetkar, V.R. 112131
Dawant, B.M. *see* Ge, Y. 101185
Dawant, B.M. *see* Schreiner, S. 101199
Dawar, A.L. *see* Arora, V.K. 69123
Dawber, K.R. *see* Diettrich, J.C. 91406
Dawe, G. *see* McGrath, F.J. 68144
Dawei Yu *see* Huiting Chen 61321
Dawei Zhang, Liang, G.-C., Shih, C.F., Johansson, M.E., Lu, Z.H., Withers, R.S. Microstrip filters for wireless communications using high-temperature superconducting thin films 62205
Dawei Zhang *see* Zhang Dawei
Dawen Pang *see* Wickboldt, P. 92837
Dawen Pang *see* Wickboldt, P. 94514
Dawen Wang *see* Qi Xiang 82701
Daweritz, L. *see* Notzel, R. 113380
Dawes, D.H. *see* McPhedran, R.C. 107873
Dawes, J.M. *see* Baxter, G.W. 85450
Dawid, H., Meyr, H. Real-time algorithms and VLSI architectures for soft output MAP convolutional decoding 86115
Dawidowicz, A.L., Twardowska, K. A relation between the Stratonovich and Ito equations, with integrands of delayed argument 92406
Dawidziuk, A. *see* Paasio, A. 104753
Dawidziuk, A. *see* Paasio, A. 114177
Dawkins, G.P.C. Prostatic radiofrequency thermotherapy 90553
Dawoud, M.M., Tennant, A., Anderson, A.P. Null steering in adaptive arrays using a genetic algorithm 66119
Dawoud, Y.D.S., Linton, D. Skin effect modelling of the non-linear transmission line 113702
Dawson, A.M., Montgomery, D.B. A data base of magnet failures and its relevance to magnet design 96992
Dawson, B. *see* Chutatape, O. 70087
Dawson, B.R. *see* Bird, D.J. 110586
Dawson, D. *see* Vedagarbha, P. 121506
Dawson, D.E. *see* Carter-Coman, C. 82677
Dawson, D.E. *see* Carter-Coman, C. 103962
Dawson, D.M. *see* Bridges, M.M. 102732
Dawson, D.M. *see* de Queiroz, M.S. 102626
Dawson, D.M. *see* Hu, J. 71292
Dawson, D.M. *see* Hu, J. 102738
Dawson, D.M. *see* Hu, J. 111943
Dawson, D.M. *see* Jun Hu 81928
Dawson, D.W.W. *see* Andrade, R.A. 117755
Dawson, E., Nielson, L. Automated cryptanalysis of XOR plaintext strings 66380
Dawson, E. *see* Clark, A. 66511
Dawson, F. Advances spell end to net bottlenecks 67907
Dawson, F. Does broadband data need eye candy? 118607
Dawson, F. Cellular TV adds new wrinkle to war: Telcos and MSOs face new headache 119453
Dawson, F.P. *see* Wei Yan 112591
Dawson, F.P. *see* Wei Yan 112593
Dawson, F.P. *see* Yan, W. 112592
Dawson, G.E. *see* Zhenning Liu 65687
Dawson, J. *see* Katsouleas, T.C. 79848
Dawson, J. *see* Lai, C.H. 89646
Dawson, J. *see* Norem, J. 100593
Dawson, J.F. *see* Clegg, J. 85899
Dawson, J.F. *see* Cole, J.A. 65916
Dawson, J.F. *see* Robinson, M.P. 97181
Dawson, J.M. *see* Mori, W.B. 62598
Dawson, J.R. *see* Greenwald, S.E. 110802
Dawson, J.W., Talaga, R.L., Schlereth, J.L., Haberichter, W.N., Bulmahn, J., Okrasinski, J. The SRTD first level trigger at ZEUS 100957
Dawson, J.W. *see* MacDougall, T.W. 100053
Dawson, L. *see* Marvin, A.C. 65877
Dawson, M., Reiter, F., Sarkodie-Gyan, T., Provinciali, L., Hesse, S. Gait initiation, development of a measurement system for use in a clinical environment 120259
Dawson, M.D. *see* Kinder, D. 63045
Dawson, M.D. *see* Kowalski, O.P. 63060
Dawson, M.D. *see* Najda, S.P. 107003
Dawson, M.S. *see* Fung, A.K. 120864
Dawson, P. Exploring the threshold of perception and reverie for a display hologram 96754
Dawson, P. *see* Wu, H. 96320
Dawson, R. *see* Peavey, J. 84014
Dawson, S., Jahanian, F., Mitton, T. ORCHESTRA: a probing and fault injection environment for testing protocol implementations 108845
Dawson, S.W. *see* Niiro, Y. 88063
Dax, M. X ray film thickness measurements 115276

Daxing Han, Koda Wang, Liyou Yang Recombination and metastability in amorphous silicon p-i-n solar cells made with and without hydrogen dilution studied by electroluminescence 102998
Daxiong Xu *see* Xu Daxiong
DaXue Xu *see* Libing Zhang 63283
Day, C. Design considerations for maximizing the performance/cost ratio in an RF economy network analyzer 99883
Day, D.D., Rogers, D. Fourier-based texture measures with application to the analysis of the cell structure of baked products 108579
Day, D.S. *see* Raicu, D. 62336
Day, G.W. Optoelectronics at NIST 60533
Day, G.W. *see* Rochford, K.B. 116145
Day, G.W. *see* Williams, P.A. 100350
Day, H.C., Allee, D.R. Selective area oxidation of Si_3N_4 with an ambient scanning tunneling microscope 84124
Day, J.L. *see* Yong Wang 120913
Day, J.W. *see* Brass, T.J. 101060
Day, L.R. Interchange scheduling: discipline or disorder? 121000
Day, M., Mann, H., Holt, R., Sloboda, M. ATM switched virtual circuits: enabler for broadband market growth 117982
Day, N.D. *see* Kang Xu 121857
Day, P. *see* DeFotis, G.C. 64242
Day, P. *see* Furber, S.B. 61862
Day, R.W., Shu-Shaw Wang, Magnusson, R. Filter-response line shapes of resonant waveguide gratings 95933
Day, T. *see* Galanti, S.A. 96699
Day, T.O. *see* Green, E.D.H. 95922
Day, T.R. *see* Skendzic, V. 101694
Dayal, S. *see* Sehgal, B.K. 104844
Dayal, U. *see* Tak Woon Yan 77962
Dayan Ban, Fengyuan Yang, Rongchuan Fang, Shihong Xu, Pengshou Xu Synchrotron radiation photoemission study of Ge/ZnS(111) heterojunction 83910
Dayan Ban *see* Fengyuan Yang 83909
Dayanand, G. *see* Kataria, D.O. 69846
Dayid, J.P. *see* Gaudin, D. 106221
Daykin, A.C., Jakubovics, J.P. Magnetization imaging at high spatial resolution using transmission electron microscopy 119840
Daykin, A.C. *see* Ho, E.M. 75203
Dayoub, F., Kleider, J.P., Longeaud, C., Mencaraglia, D., Reynaud, J. Thermal bias annealing experiments on aluminum/silicon nitride/hydrogenated amorphous silicon top gate structures 94609
Dayton, J.A., Jr. *see* Lamouri, A. 74034
Dayton, J.A., Jr. *see* Lamouri, A. 83704
Dayton, M. *see* Garvey, D.W. 106804
Dayu He *see* He Dayu
Dayue Zheng, Ruiyi Chen, Zhijian Ye, Fangqing Jin Athermalization design in the big-aperture IR zoom telescope 69241
Daza, M.R.H. *see* Hoshida, T. 116525
Dazhen Jiang *see* Jiang Dazhen
Dazhen Yun *see* Wanming Yu 69534
Dazhong Wang *see* Wang Dazhong
Dazhong Zhu Design and research of V-groove silicon avalanche electron emission array 83749
Dazord, J. *see* Pautet, C. 82600
Dazzi, A. *see* Mathey, P. 98081
D'Couto, G.C., Tripathi, S. Residual gas analysis suggests process improvement [CVD system cleaning] 113435
D'Couto, G.C. *see* Krishnan, S. 74524
De, D.P. Recent developments in the area of optical fibre communications 119175
De, K., Banerjee, P. Parallel logic synthesis using partitioning 61727
De, K. *see* Wu, N.M. 95141
De, M., Sinha, B.P. Testing of a parallel ternary multiplier using I^2L logic 61782
De, S.S., Ghosh, A.K., Pattanayak, T.K., Bera, M., Haldar, J.C., Hajra, A.K., Guha, S. Studies on some characteristics of heavily doped n^+-GaAs/n-Ge heterojunction structures 83898
De, V.K., Meindl, J.D. Complementary adiabatic and fully adiabatic MOS logic families for gigascale integration 73305
De Abreu-Garcia, J.A. *see* Oppenheimer, M. 121699
De Acuna, A. *see* Bedin, R. 100983
De Agelis, G. *see* Russo, V. 116049
De Agostino, S., Storer, J.A. On-line versus off-line computation in dynamic text compression 108153
De Aguilar, J.Diaz *see* Diaz De Aguilar, J.
de Albuquerque, C.V.N., Nunes, M.D., Duarte, O.C.M.B. An efficient implementation architecture for layered communication systems 87711
De Albuquerque Pinheiro, A.L., Boisson de Marca, J.R. Performance of deterministic packet access for personal communication systems 108857
de Alencar, C.D. *see* Portugheis, J. 66300
de Almeida, A.Faria *see* Faria de Almeida, A.
de Almeida, A.M. *see* Balashov, S.M. 93548
de Almeida, A.M. *see* Cabreira, C.M. 93549
de Almeida, A.M. *see* Finardi, C.A. 93925
de Almeida, A.T., Bohoris, G.A. Decision theory in maintenance strategy of standby system with gamma-distribution repair-time 82331
de Almeida, A.Traca *see* Traca de Almeida, A.
de Almeida, C., Palazzo, R., Jr. On the frequency allocation for mobile radio telephone systems 88316
De Amici, G., Bensadoun, M., Limon, M., Smoot, G., Witebsky, C., Bersanelli, M. A new instrument to map the absolute brightness of the sky at low radio frequencies 99699
de Andrade, E.X.L. *see* Sri Ranga, A. 82537
de Angelis, A. *see* Botner, O. 69728
De Angelis, A. *see* Bulfone, D. 76053
de Angelis, A. *see* Campion, R. 69727
de Angelis, A. *see* Cossutti, F. 69730
De Angelis, A. *see* Walker, R.P. 96521
De Angelis, C., Nalesso, G., Santagiustina, M. Role of nonlinear dispersion in the dynamics of induced modulational instability in Kerr media 65489
De Angelis, C. *see* Fattibene, P. 120574
de Angelis, G. *see* Pausch, G. 80022
de Angelis, G. *see* Pausch, G. 100928
De Antonis, P., Morton, E.J., Podd, F.J.W. Infra-red microscopy of Cd(Zn)Te radiation detectors revealing their internal electric field structure under bias 80076
de Aquino, C.A.S. *see* Santos, R.P.P. 121100
De Araujo, C.A.P. *see* Scott, J.F. 113944
de Araujo, C.B. *see* Gomes, A.S.L. 116678
de Araujo, L.P. *see* Galvez, J.M. 91942
de Araujo, M.T., Vermelho, M.V.D., Gouveia-Neto, A.S., Sombra, A.S.B., Medeiros Neto, A. Efficient second-harmonic generation in praseodymium-doped Ga:La:S glass for 1.3-μm optical fiber amplifiers 65096
de Araujo, M.T., Vermelho, V.D., Miguel Hickmann, J., Gouveia-Neto, A.S. 440 nm light generation by frequency tripling in germanosilicate glasses 116717
de Assis, F.M. Hit probability between frequency hopping sequences generated by Reed-Solomon and Hermitian codes 66240
de Azevedo, F.M. *see* Ojeda, R.G. 101369
de Azevedo, G.Pires *see* Pires de Azevedo, G.
de Azevedo, H.R., Martins, R.M., Teixeira, E.P., Nerys, J.W.L. Fuzzy stabilizer for power system using a switched zigzag phase shift transformer 70692
De Azevedo, H.R., Salvador, N., Jr., Teixeira-Borges, T. Application of distinct operation modes and control philosophies to permanent magnet synchronous machine 121448
de Azevedo, M.M., Blough, D.M. Fault-tolerant clock synchronization of large multicomputers via multistep interactive convergence 77768
De Backer, B., Borjeson, H., Olyslager, F., De Zutter, D. The study of wave-propagation through a windowed wall at 1.8 GHz 107913
De Backer, B., Olyslager, F., De Zutter, D. An integral equation approach to the prediction of wave propagation in an indoor environment 76430
De Baets, J. *see* Van Calster, A. 84267
De Baets, J. *see* Wojciechowski, D. 119802
de Barros, L.E.M., Jr., Paolella, A., Herczfeld, P. Heterojunction bipolar transistors under illumination: theory and experiment 94935
de Barros, L.E.M., Jr., Paolella, A., Herczfeld, P.R., de Salles, A.A.A. The optical performance of microwave transistors 93799
de Barros, L.E.M., Jr., Romero, M.A., Herczfeld, P.R. Three-terminal microwave devices as photodetectors: bipolar vs. unipolar transistors 73764
de Barros, L.E.M., Jr. *see* Paolella, A. 83394
de Barros, M.A. A high level approach to design and implementation of real time low-level image processing operators 98110
de Barros, M.R.X., Becker, P.C., Jedju, T.M., Miranda, R.S. Ultrafast mid-infrared pulse generation 107190
de Barros, M.R.X., Nykolak, G., DiGiovanni, D.J., Bruce, A., Grodkiewicz, W.H., Becker, P.C. Performance of a high concentration Er^{3+}-doped alumino silicate fiber amplifier 65095
De Barros, M.T.Correia *see* Correia De Barros, M.T.
de Barros, R.C.Mendes *see* Mendes de Barros, R.C.
de Beaucoudrey, N. *see* Miller, J.M. 105828
De Beauregard, F.C. *see* Molinet, F. 65799
de Beauville, J.-P.Asselin *see* Asselin de Beauville, J.-P.
De Beeck, M.Op *see* Op De Beeck, M.
de Beek, J.-J.van *see* van de Beek, J.-J.
De Beer, C.F. *see* Swanepoel, J.W.H. 117345
De Beer, J.T., Baker, D.C. Using MBPE to examine the input impedance of HF log periodic dipole arrays 117089
de Beer, N.A.M. Monitoring adequacy of anesthesia using spontaneous and evoked electroencephalographic activity 70109
de Beler, M. *see* Dai, W. 67685
De Benedetto, G.E., Palmisano, F., Zambonin, P.G. One-step fabrication of a bienzyme glucose sensor based on glucose oxidase and peroxidase immobilized onto a poly(pyrrole) modified glassy carbon electrode 110240
de Benedittis, R., Rosina, G. The repeater function in DECT access technology as a system enhancement for PCS applications 119037
De Benito, G. *see* Sanchez-Rojas, J.L. 83949
de Berg, P.van *see* van de Berg, P.
de Bernardi, C. *see* Schosser, A. 68368
de Bernardis, P. *see* Mainella, G. 68822
De Bernardis, P. *see* Mandolesi, N. 99703
De Bernardis, P. *see* Smoot, G.F. 99702
de Berranger, E. *see* Fornara, P. 84320
de Bertodano, M.Lopez *see* Lopez de Bertodano, M.
De Biasia, S. *see* Carugno, G. 100803
de Bisschop, E., Luypaert, R., Allein, S., Osteaux, M. Quantification of trabecular structure in the distal femur using magnetic resonance phase imaging 69985
De Blas, P., Lopez, R., Martinez, D., Ruiz, I., Barriuso, D., Janez, L., Gomez, J.L., Luyando, L. Telemedicina: a multimedia broadband teleradiology and radiosurgery project 110867
De Blasi, R. *see* Blonda, P. 110766
De Boeck, J., Oesterholt, R., Van Esch, A., Bender, H., Bruynseraede, C., Van Hoof, C., Borghs, G. Nanometer-scale magnetic MnAs particles in GaAs grown by molecular beam epitaxy 64201
de Boeck, J., van Roy, W., Bruynseraede, C., van Esch, A., Bender, H., Borghs, G. Epitaxy of Mn-based magnetic thin films on semiconductors 61283
De Boeck, J. *see* Akeura, K. 61198
De Boeck, J. *see* Lepercq, P. 95488
de Boer, C. *see* French, P.J. 82813
De Boer, F.R. *see* Zhao, T. 75137
De Boer, F.R. *see* Zhao, Z.G. 64184
De Boer, F.R. *see* Zhao, Z.G. 75136
de Boer, F.W.N. *see* Ditzel, E. 100992
de Boer, J.C.J. *see* Althof, V.G.M. 120508
de Boer, M. *see* Jansen, H. 74940
de Boer, M.A. Codes spanned by quadratic and Hermitian forms 97564
De Boer, M.A. Almost MDS codes 117216
De Boer, M.P., Gerberich, W.W. Microwedge indentation of the thin film fine line–I. Mechanics 82806
De Boer, M.P., Winkel, H., Verduyn, J., Van den Bogaart, F.L.M., De Vries, J.S. Non invasive thermal imaging of GaAs MESFET's 63784
De Boer, W.B. Rapid thermal chemical vapour deposition of epitaxial Si and SiGe 82670
de Boer, W.B. *see* Hueting, R.J.E. 84318
de Boer, W.B. *see* Hueting, R.J.E. 105894
de Boet, J.A.M. *see* Hurkx, G.A.M. 63855
De Bondt, R. *see* Temmerman, W. 118685
de Boor, C. On the Sauer-Xu formula for the error in multivariate polynomial interpolation 103725
De Bortoli, E. *see* Meneghesso, G. 62255
De Bortoli, E. *see* Meneghesso, G. 63759
De Bortoli, E. *see* Meneghesso, G. 84473
de Bortoli, E. *see* Zanoni, E. 63760
De Bortoli, E. *see* Zanoni, E. 95074
De Bortoli, M. *see* Olsen, B.T. 78788
De Bortoli, M. *see* Olsen, B.T. 98910
De Bot, P. *see* Rysdale, L. 99721
De Bot, P.G.M., Daffara, F. Digital terrestrial television broadcasting 99720
de Bougrenet de la Tocnaye, J.-L. *see* Petillot, Y. 64828
de Bougrenet de la Tocnaye, J.L. *see* Hamam, H. 85756
De Bougrenet de la Tocnaye, J.L. *see* Keryer, G. 77189
De Brabander, G.N. *see* Jackson, H.E. 95760
De Brabander, G.N. *see* Naghski, D.H. 95707
de Bree, J., van der Koijk, J.F., Lagendijk, J.J.W. A 3-D SAR model for current source interstitial hyperthermia 110912
De Brion, J.P. *see* Dowell, D.H. 96491
De Brion, J.P. *see* Haouat, G. 89994
De Broe, A.M., Julian, A.L., Lipo, T.A. Neutral-to-ground voltage minimization in a PWM-rectifier/inverter configuration 122007
De Brucq, D. *see* Feray, N. 98067
de Bruijn, H., van Twist, M., Verheul, H. Complexity requires complexity: creating fits between technology and public decision-making in large projects 92128
De Caluwe, M. *see* Vanfleteren, J. 114472
De Caluwe, M. *see* Wojciechowski, D. 119802
de Camara, D.L. *see* Lockwood, M.D. 70238
de Campos, M. *see* Netto, S.L. 73567
de Campos, M. *see* Subramanian, S. 88118
De Campos Neto, S.F. *see* Dimolitsas, S. 118698
de Capelle, A.van *see* van de Capelle, A.
De Capua, C. *see* Arpaia, P. 71484
De Capua, C. *see* Avallone, F. 112472
De Capua, C. *see* Avallone, F. 121926
De Cari, G. AN analogue FPGA 62065
de Cari, G. Understanding the new programmable logic developments 104458
de Carolis, G. *see* Mattia, F. 120728
De Carvalho, A.M.Neves *see* Neves De Carvalho, A.M.
de Carvalho, J.M. *see* Pequeno, M.C. 83234
de Carvalho, M.A., Jr. *see* de Moura, A.P. 91126
de Carvalho, M.A., Jr. *see* Lins, Z.D. 91056
de Carvalho, M.Afonso, Jr. *see* Afonso de Carvalho, M., Jr.
De Carvalho, M.F. *see* Freire, M.M. 99579
de Carvalho, M.M.G. *see* Cotta, M.A. 103899
De Carvalho, M.M.G. *see* Cotta, M.A. 103948
de Carvalho, M.M.G. *see* de Oliveira, C.E.M. 92681
de Carvalho, M.M.G. *see* Miskys, C.R. 92682
de Carvalho, R.R., Djorgovski, S.G., Weir, N., Fayyad, U., Cherkauer, K., Roden, J., Gray, A. Clustering analysis algorithms and their applications to digital POSS-II catalogs 77082
de Casteele, J.Van *see* Van de Casteele, J.
De Castro, A., Rahman, S. Efficient electrical end-use technologies for mitigating greenhouse gas emissions in Africa 91058

de Castro, A.J. *see* Lopez, F. 69357
de Castro, A.J. *see* Lopez, F. 119761
de Castro, E. *see* Olsen, B.T. 98910
de Castro, M.Jimenez *see* Jimenez de Castro, M.
de Castro, R.Moreira, Jr. *see* Moreira de Castro, R., Jr.
De Cataldo, G. *see* Barbiellini, G. 69722
de Cesare, G., Galluzzi, F., Irrera, F., Lauta, D., Ferrazza, F., Tucci, M. Variable spectral response photodetector based on crystalline/amorphous silicon heterostructure 100021
de Cesare, G., Iorio, V., Irrera, F., Palma, F., Tucci, M. Amorphous silicon UV photodetectors with rejection of the visible spectrum 100023
de Cesare, G., Masini, G., Palma, F. Modeling and realization of a high-gain homojunction a-Si:H bulk barrier phototransistor 75730
de Cesare, G. *see* Caputo, D. 94898
de Cesare, G. *see* Caputo, D. 110149
De Ceuninck, W. *see* Cosemans, P. 115030
De Ceuninck, W. *see* D'Haeger, V. 115029
De Ceuninck, W. *see* Gregoris, G. 112862
de Ceuster, D. *see* Colinge, J.P. 105980
de Chatel, P.F. *see* Zhao, Z.G. 64184
De Cicco, C. *see* Bianco, A. 84849
De Cindio, F. *see* Casapulla, G. 118435
De Cindio, F. *see* Casapulla, G. 118635
De Clercq, K. *see* Nijs, J. 103004
De Cogan, D. *see* Williams, E.W. 64381
de Colstoun, E.B. *see* Loechel, S.E. 120897
de Cooman, G. *see* Janssen, H.J. 103605
De Cooman, M. *see* Lapadatu, D. 88988
De Courcy, M., Alderman, J.C., Blackstone, S., Gamble, H. A comparison of bipolar devices on bonded and trenched wafers with junction and trench isolated bulk wafers 63629
De Cremoux, B. *see* Bibey, M.B. 96296
De Crescenzi, M. *see* Motta, N. 113325
De Crespigny, A. *see* Marks, M.P. 90325
De Cubber, A.M. *see* Van Calster, A. 84267
De Dios-Levya, M. *see* Latge, A. 63072
de Dios-Leyva, M. *see* Sabin del Valle, J. 94506
De Dobbelaere, P. *see* Morf, T. 84470
De Doncker, R.W. *see* Schwartzenberg, J.W. 91679
De Doncker, R.W. *see* Steigerwald, R.L. 112115
de Dreuille, O. *see* Gregoire, M.-C. 101324
De Dreuille, O. *see* Vera, P. 101130
de Espinosa, F.Montero *see* Montero de Espinosa, F.
de F. Moneo, J.Ramon *see* Ramon de F. Moneo, J.
De Faria, I.F., Jr. *see* Rego, A.C.B. 99540
de Faria, S.M.M., Ghanbari, M. Low bit-rate video coding with spatio-temporal geometric transforms 86303
de Fatis, P.Tabarelli *see* Tabarelli de Fatis, P.
de Fatis, T.Tabarelli *see* Tabarelli de Fatis, T.
de Fays, M. *see* Averin, S. 94637
De Fazio, M., Studer, F.A. Application of pulse-compression radar to weather observation 68697
de Felice, C. Completing codes by Hajos factorizations of groups 97524
De Felice, C. An application of Hajos factorizations to variable-length codes 108180
De Fermin, R., Ramos, M. Echo control module for the Alcatel 9800 radio access system 118651
de Figueiredo, R.J.P. *see* Eltoft, T. 67450
De Flaviis, F., Chang, D., Alexopoulos, N.G., Stafsudd, O.M. High purity ferroelectric materials by Sol-Gel process for microwave applications 84688
De Flaviis, F., Noro, M., Alexopoulos, N.G. Diaz-Fitzgerald time domain (D-FTD) technique applied to electromagnetic problems 96873
De Floriani, L. *see* Arcelli, C. 67399
de Fornel, B. *see* Ghazel, A. 102695
De Fornel, B. *see* Slama-Belkhodja, I. 91497
de Fornel, B. *see* Vonwald, P. 91823
de Fornel, F. *see* Cerre, N. 100061
De Franceschi, A.S.M., Kormann, L.F., Westphall, C.B. A performance application for proactive network management 98739
De Franceschi, G. *see* Zolesi, B. 76421
De Franceschi, R. *see* Rigo, C. 103937
de Francisco, C. *see* Alejos, O. 63558
de Francisco, C.A. *see* Silva, M.T.C. 85099
de Freitas, J.F.G., Gaylard, A., Stevens, A.L., Ridley, J.N., Landy, C.F. Neural networks for fault detection in vibrating structures 102700
de Freitas, J.F.G., Stevens, A.L., Gaylard, A.P., Ridley, J.N., Landy, C.F. Identification of vibrating structures and fault detection using neural networks 111966
de Freitas, L.C. *see* Alves Pereira, A. 121727
de Freitas, L.C. *see* Barbosa, L.R. 121568
de Freitas, L.C. *see* de Paiva, E.P. 61608
de Freitas, L.C. *see* Lambert, J.A. 71437
De Freitas, L.C. *see* Oliveira, J.C. 71452
de Freitas, L.C. *see* Pacheco, V.M. 71432
de Freitas, L.C. *see* Pereira, A.A. 71439
de Freitas, L.C. *see* Pereira, A.A. 102825
de Freitas, L.C. *see* Pereira, A.A. 121657
de Freitas, L.C. *see* Pinto, J.A.C. 121600
de Freitas, L.C. *see* Toffano, R., Jr. 121658
de Freitas, L.C. *see* Vilela, M.S. 71430
de Freitas, L.C. *see* Vilela, M.S. 71431
de Freitas, L.C. *see* Vilela, M.S. 113738
De Gasperis, P. *see* Marcelli, R. 115856
De Gasperis, P. *see* Marcelli, R. 115867
De Gaudenzi, R. *see* Corazza, G.E. 118886
De Geest, H. *see* Nuyts, J. 90313
De Geeter, J., Van Brussel, H., De Schutter, J., Decreton, M. Recognising and locating objects with local sensors 86780
De Gens, E.J.C. *see* Van Baal, G.C.M. 101365
De Geronimo, G., Bertuccio, G., Longoni, A. A low-noise wide-band transimpedance amplifier for current noise spectra measurements 93147
De Geronimo, G., Bertuccio, G., Longoni, A., Runge, K., Lauxtermann, S. A low noise integrated HEMT charge preamplifier working without the feedback resistor 115239
De Geus, K., Watt, A. Three-dimensional stylization of structures of interest from computed tomography images applied to radiotherapy planning 80333
De Giorgi, M., Abbiendi, G., Bertolin, A., Borsato, E., Brugnera, R., Carlin, R., Dal Corso, F., Dosselli, U., Gasparini, F., Limentani, S., Morandin, M., Pitacco, G., Posocco, M., Stanco, L., Stroili, R., Voci, C., Zuin, F. The LST analog read-out system of the ZEUS muon detector 120221
De Gloria, A. *see* Costa, A. 93291
de Goor, Ad.J.van *see* van de Goor, Ad.J.
de Goor, A.J.van *see* van de Goor, A.J.
De Goor, A.Van *see* Van De Goor, A.
de Graaf, B. *see* Groen, E. 69951
De Graaf, C., Young, P., Hulsbos, D. Feasibility of multilevel storage in flash EEPROM cells 93369
de Graaf, G., Wolffenbuttel, R.F. Light-to-frequency converter using integrating mode photodiodes 110216
De Graaf, G. *see* Xu, Y. 110436
de Graaf, R., Kornelius, L. Inter-organizational concurrent engineering: a case study in PCB manufacturing 104936
De Graaf, R., Nicolay, K., Garwood, M. Single-shot, B_1-insensitive slice selection with a gradient-modulated adiabatic pulse, BISS-8 70089
De Graaf, W., Ivanyos, G., Ronyai, L. Computing Cartan subalgebras of Lie algebras 103743
De Graaf, W.Van *see* Van De Graaf, W.
de Graaff, H.C. *see* de Vreede, L.C.N. 84319
de Graaff, H.C. *see* Krabbenborg, B.H. 63595
de Graaff, H.C. *see* Krabbenborg, B.H. 74667
De Graaff, H.C. *see* Luchies, J.R.M. 85798
De Graaff, H.C. *see* Lunenborg, M.M. 84453
De Graaff, H.C. *see* Lunenborg, M.M. 115353
de Graaff, H.C. *see* Mouthaan, A.J. 84322
de Graaff, H.C., van Kranenburg, H. *(editors)* ESSDERC '95. Proceedings of the 25th European Solid State Device Research Conference 72012
de Graauw, T. *see* van de Stadt, H. 79097
De Grandi, G. *see* Schuler, D.L. 111170
De Greef, D. *see* Wiegerink, R. 68847
de Griend, A.A.van *see* van de Griend, A.A.
de Griendt, M.A.J.van *see* van de Griendt, M.A.J.
de Groen, P. *see* Kroes, F. 100476
De Groff, D. *see* Neelakanta, P.S. 69481
De Groot, C.A. Test of P-code GPS-receiver by DGPS and Microfix 79088
De Groot, M. *see* White, D.R. 119664
de Groot, S.M.Heemstra *see* Heemstra de Groot, S.M.
De Guise, N. *see* Rochefort, M. 101695
De Guzman, J.C., Epistola, E., Mena, M.G. Elimination of assembly-induced package cracks in plastic SOIC 112922
de Guzman, M.I.Gimenez *see* Gimenez de Guzman, M.I.
de Gyvez, J.P. *see* Chi-Chien Lee 108487
de Gyvez, J.Pineda *see* Pineda de Gyvez, J.
de Haan, G., Kettenis, J., Loning, A., De Loore, B. IC for motion-compensated 100 Hz TV with natural-motion movie-mode 61949
de Haan, G., Kwaaitaal-Spassova, T.G., Larragy, M., Ojo, O.A. Memory integrated noise reduction IC for television 62037
De Haan, G., Kwaaitaal-Spassova, T.G., Ojo, O.A. Automatic 2-D and 3-D noise filtering for high-quality television receivers 68861
de Haan, G. *see* De Loore, B. 77534
de Haan, G. *see* Herman, S. 88818
de Haan, P. *see* Meng, Q. 115612
De Haan, P.E., Klumperink, E.A.M., Van Leeuwen, M.G., Wallinga, H. DC modeling of composite MOS transistors 84608
De Haan, S., Lodder, J.C. Reversal studies on submicron Co-Cr thin films by AHE analysis 106497
De Haan, W. *see* Wiegerink, R. 68847
de Haas, E., Barsingerhorn, W., van der Veen, J.F. Piezoelectrically driven rotary stage for use in ultrahigh vacuum 64173
de Haas, J.T.M. *see* Knitel, M.J. 90147
de Halleux, B., de Limburg Stirum, B., Ptchelintsev, A. Eddy current measurement of the wall thickness and conductivity of circular non-magnetic conductive tubes 72986
de Hoop, M.V. *see* van Stralen, M.J.N. 95809
De Hua Han *see* Jian-Ping Wang 115473
De Jaeger, J.C. Recent applications of 2D and quasi 2D simulations: evaluation of performance and fundamental limitation of power FET 83388
De Jaeger, J.C. *see* Allam, R. 83525
De Jaeger, J.C. *see* Kotanowski, C. 93916
de Jager, C. *see* Luijckx, G. 79917
De Jager, C.W. *see* Zhou, Z.-L. 110536
De Jagher, P.C., van der Graaf, W.A., Lenstra, D. Relaxation-oscillation phenomena in an injection-locked semiconductor laser 96316
de Jesus, J.M.Ferreira *see* Ferreira de Jesus, J.M.
De Jesus Silva, A.R., Martins, D.C. Numerical simulation of power static converters: diagonalization method of dynamical matrix 121709
de Jong, A. IRST and its perspective [IR sensors] 69266
De Jong, E.C.J.N. *see* Edwards, C. 61488
De Jong, F. *see* Meyyappan, M. 63891
de Jong, G. *see* Verlind, E. 83058
de Jong, G.W. *see* Xiujun Li 69056
de Jong, G.W. *see* Xiujun Li 110140
de Jong, H.Looren *see* Looren de Jong, H.
De Jong, J. *see* Skalli, E.G. 116773
de Jong, J.F. *see* Chand, N. 96407
de Jong, J.F. *see* Dutta, N.K. 76030
de Jong, J.K. *see* Moisan, C. 90355
de Jong, J.K. *see* Moisan, C. 101255
de Jong, J.P. *see* Huijsmans, J.P.P. 81756
de Jong, M. *see* Annis, P. 80121
de Jong, M. *see* Martellotti, G. 80122
De Jong, M. *see* Schmidt, K.H. 69627
de Jong, M.J.M. *see* Blom, P.W.M. 75380
de Jong, M.J.M. *see* Cillessen, J.F.M. 113456
De Jong, N. *see* Djoa, K.K. 70037
de Jong, P.C., Meijer, G.C.M. Absolute voltage amplification using dynamic feedback control 104356
De Jong, P.C., Meijer, G.C.M., Van Roermund, A.H.M. A new dithering method for sigma-delta modulators 110051
de Jong, T., Hartel, H., Swaak, J., van Joolingen, W. Support for simulation-based learning: the effect of assignments in learning about transmission lines 112796
de Jong, W. *see* Aksipetrov, O.A. 74433
de Jong, W. *see* Groot Koerkamp, M. 75172
de Jong, W. *see* Mishina, E.D. 96743
De Jonge, P.J., Tibarius, C.C.J.M. A new GPS ambiguity estimation method based on integer least squares 79061
De Jonghe, L.C. *see* Doeff, M.M. 112285
De Jonghe, L.C. *see* Visco, S.J. 71846
de Julio, U. The new frontier in technology and the expansion of telecommunications in the Mediterranean area 119250
de Kamp, M.M.J.L.van *see* van de Kamp, M.M.J.L.
de Keijser, M., Dormans, G.J.M. Chemical vapor deposition of electroceramic thin films 92935
de Kemp, R.A., Jones, W.F., Beanlands, R.S., Nahmias, C. Design and performance of 3D single photon transmission measurement on a positron tomograph with continuously rotating detectors 70066
De Kerret, H. *see* Abbes, M. 90145
De Keukeleire, C. *see* Gregoris, G. 112862
De Keyser, A., Bogaerts, R., Karavolas, V.C., Van Bockstal, L., Herlach, F., Peeters, F.M., Van De Graaf, W., Borghs, G. Interplay of 2D and 3D charge carriers in Si-δ-doped InSb layers grown epitaxially on GaAs 62742
De Keyser, A. *see* Bogaerts, R. 83889
De Keyser, R. *see* Declercq, F. 108731
de Klein, F.J. Advantages of protective atmosphere control for no-clean solder pastes 83615
de Klerk, J. *see* Mulkens, J. 84276
de Kluyver, J.P. *see* Gorner, K. 102410
de Kock, E.A. *see* Aarts, E.H.L. 73417
de Kock, N., Coric, B., Pietsch, R. Partial discharge measurement on gas-insulated switchgear at UHF: practicality and sensitivity of the UHF method compared with classical IEC270 methods 91677
de Korte, P.A.J. *see* de Nivelle, M.J.M.E. 101555
de Korte, P.A.J. *see* van den Berg, M.L. 106054
de Kroon, A.P. *see* Schafer, G.W. 112325
de Kroon, S. *see* Urbanus, W.H. 96085
de Kruif, R.C.M. *see* Huizing, H.G.A. 94668
De La Bardonnie, M. *see* Bendada, E. 84384
de la Bardonnie, M. *see* Bendada, E. 106022
de La Chapelle, M. *see* Dale, C.J. 80562
de La Chapelle, M. *see* Dale, C.J. 109693
de la Cruz, C.Gutierrez *see* Gutierrez de la Cruz, C.
De la Cruz, F. *see* Lopez, D. 75323
de la Escalera, A., Moreno, L., Salichs, M.A., Armingol, J.M. Continuous mobile robot localization by using structured light and a geometric map 100313
de la Fuente, J.I., Gomez, T., Fernandez, J.L. A tertiary control formulation suited for automatic hierarchical voltage control 101868
de la Fuente, J.L. *see* Escudero, L.F. 71176
de la Fuente, M.C. Use of a diffractive element to control pupil aberrations in a DFOV telescope 69239
De La Houssaye, P.R., Chang, C.E., Offord, B., Johnson, R., Asbeck, P.M., Garcia, G.A., Lagnado, I. Silicon MOSFETs with very low microwave noise 62281
de La Parra, H.Zelaya *see* Zelaya de La Parra, H.
de La Rochette, H., Bruguier, G., Palau, J.-M., Gasiot, J., Ecoffet, R. Simulation of heavy ion latchup cross section curves 106228
De La Rochette, H. *see* Sudre, C. 84542
de la Rosa *see* Plata, A.M. 111680
de la Rosa, F., Velazquez, R. Application of MOSA in T&D systems in Mexico 121137
De La Rosa, J. *see* Niewierowicz, T. 107129
de la Rosa, J. *see* Rocha, R. 116591
de la Rosa, J.M., Perez-Verdu, B., Medeiro, F., Rodriguez-Vazquez, A. A fourth-order bandpass $\Sigma\Delta$ modulator using current-mode analog/digital circuits 113811

de La Rosa, R. *see* Gluck, N.S. 119716
de la Rose, J.M., Medeiro, F., Perez-Verdu, B., Rodriguez-Vazquez, A. A CMOS fully-differential bandpass $\Sigma\Delta$ modulator using switched-current circuits 93510
de la Rubia, T. *see* Grein, C.H. 113390
de la Rubia, T.Diaz *see* Diaz de la Rubia, T.
De La Rue, R.M. *see* Ooi, B.S. 95777
de la Tocnaye, J.-L.de Bougrenet *see* de Bougrenet de la Tocnaye, J.-L.
de la Tocnaye, J.L.De Bougrenet *see* De Bougrenet de la Tocnaye, J.L.
de la Torre, E., Calvo, J., Uceda, J. Model generation of test logic for macrocell based designs 113983
de la Torre, E. *see* Riesgo, T. 60568
de la V., J.Gonzalez *see* Gonzalez de la V., J.
De La Vega, F.M., Giegerich, R., Fuellen, G. Distance education through the Internet: the GNA-VSNS biocomputing course 98708
de la Vega, R., Restrepo, A. Efficient computation of locally monotonic regression 108291
De Lacerda, C. *see* Liboni, C., Jr 88918
de Lagemaat, J.van *see* van de Lagemaat, J.
De Lagrevol, R., Gantet, P., Esquerre, J.P., Danet, B., Guiraud, R. Characterization of the response of hexagonal parallel-hole collimators of scintillation cameras 69956
de Lange, B. *see* Werner, K. 103923
De Lange, D.J. *see* Zhou, Z.-L. 110536
De Lange, F. *see* Kelder, E.M. 113532
de Lange, G. *see* van de Stadt, H. 79097
de Lange, M. *see* Gfeller, F. 118401
de Lange, W. *see* van Haren, R.J.F. 105256
De Langhe, P., Olyslager, F., Franchois, A., De Zutter, D., Allaert, K. Radiated emission of PCB tracks 116939
De Langhe, P. *see* Haelvoet, K. 119569
De Larios, J.M., Ravkin, M., Hetherington, D.L., Doyle, J.J. Post-CMP cleaning for oxide and tungsten applications 74593
De Lathauwer, L., De Moor, B., Vandewalle, J. Independent component analysis based on higher-order statistics only 117514
de Laval, P. *see* Eriksson, L.H. 79003
de Leao, M.T.Ponce *see* Ponce de Leao, M.T.
de Leeuw, R.W., de Wijs, M.C.J., Botman, J.L.M., Webers, G.A., Theuws, W.H.C., Timmermans, C.J., Hagedoorn, H.L. Matching the emittance of a linac to the acceptance of a racetrack microtron 100710
de Leeuw, R.W., van Greevenbroek, H.R.M., Botman, J.I.M., Webers, G.A., Timmermans, C.J., Hagedoorn, H.L. The extraction orbit and extraction beam transport line for a 75 MeV racetrack microtron 100711
de Leeuw, R.W. *see* Kemper, A.H. 102852
de Leeuw, R.W. *see* Theuws, W.H.C. 100626
de Lega, X.Colonna *see* Colonna de Lega, X.
De Leo, R., Pierantoni, L., Rozzi, T., Zappelli, L. Accurate analysis of the GTEM cell wide-band termination 65912
De Leo, R. *see* Cerri, G. 96926
De Leon, V., Ojeda-Castaneda, J. Continuous order derivative of a function with a known Fourier transform 117538
De Lescure, B. *see* Colaitis, M.-J. 77509
de Lesegno, P.Viaris *see* Viaris de Lesegno, P.
de Lesquen, A. *see* Anischenko, N.G. 120106
de Lesquen, A. *see* Ball, J. 120096
De Ley, E., De Meyere, A., Fornier, J., Maximus, B., De Meerleer, P., Colpaert, C., Pauwels, H. A simple numerical transmission model for general LCD-configurations 106869
De Ley, E., Pauwels, H., Ferrara, V. The influence of an inhomogeneous electric field on SSFLCD-addressing 89351
De Ley, E. *see* Pauwels, H. 89350
de Liefvoort, A.van *see* van de Liefvoort, A.
de Lignie, M. *see* Ives, D.J. 64682
de Lima, A.C.S., Wanderley, S.S., Stephan, R.M. Modelling a static VAr compensator using EMPT 81651
de Lima, A.F.M.M., Ellis, R.G. Discussion of "Harmonic analysis of industrial power systems" [and reply] 112624
de Lima, A.F.M.M., Kesselring, J.P., Smith, R.D. Discussion of "Development of a microwave clothes dryer" [and reply] 112619
de Lima, A.J. *see* Freitas, D.S. 102157
De Lima, H.H.M. *see* Lippmann, L., Jr 101439
de Lima, H.M., Duarte, O.C.M.B. Performance of repeated retransmission GB(N) schemes for point-to-multipoint noisy channels [satellite communication] 87430
de Lima, H.M., Duarte, O.C.M.B. Comments on "Evaluation of the mean error-free interval of a noisy data channel" 97414
De Lima, J.A. Effective aspect-ratio and gate-capacitance in circular geometry MOS transistors 115181
de Lima Coimbra, M., de Souza, R.F. Some improvements on feedforward amplifiers 73119
De Lima Coimbra, M., Souza, R.F. Improvements in broadband feed-forward amplifiers 82960
De Lima Filho, F., Blanco, F.A.F.P., D'Ajuz, A., Nascimento, L.F.A. Tucurui's 500 kV SF_6 gas-insulated substation fast transients–analysis, modeling and field test comparisons 112155
de Limburg Stirum, B. *see* de Halleux, B. 72986
De Lisio, C. *see* Altucci, C. 96721
De Lisio, M.P., Duncan, S.W., Der-Wei Tu, Weinreb, S., Cheh-Ming Lju, Rutledge, D.B. A 44-60 GHz monolithic pHEMT grid amplifier 93791
De Lisio, M.P. *see* Cheh-Ming Liu 93876
de Long, H.C. *see* Carlin, R.T. 112293
De Loore, B., Lippens, P., Eeckhout, P., Huijgen, H., Loning, A., McSweeney, B., Verstraelen, M., Pham, B., de Haan, G., Kettenis, J. A video signal processor for motion-compensated field-rate upconversion in consumer television 77534
De Loore, B. *see* de Haan, G. 61949
De los Heros, C.P. *see* Faschingbauer, U. 110557
De Los Santos, H.J., Nardi, D.D., Hargrove, K.L., Hafizi, M., Stanchina, W.E. High-efficiency InP-based DHBT active frequency multipliers for wireless communications 93872
De Los Santos, H.J. *see* Schulman, J.N. 63543
de Lotto, B. *see* Campion, R. 69727
De Luca, A. *see* Parrazales, R.U. 102733
de Luca, A. *see* Partida, M.A. 83190
De Luca, F., Cametti, C., Zimatore, G., Maraviglia, B., Pachi', A. Use of low-frequency electrical impedance measurements to determine phospholipid content in amniotic fluid 110830
de Luca, L. *see* Conforti, D. 92609
De Lucas, J. *see* Moratilla, A. 79213
De Lucia, M., Lanfranchi, C., Boggio, V. Benefits of compressor inlet air cooling for gas turbine cogeneration plants 111793
De Lustrac, A. *see* Aniel, F. 95046
de Lustrac, A. *see* Lapaul, S. 63010
De Lustrac, A. *see* Lepaul, S. 84476
De Lustrac, A. *see* Sylvestre, A. 84469
De Lyon, T.J., Rajavel, D., Wu, O.K., Johnson, S.M., Cockrum, C.A., Venzor, G.M. Direct MBE growth of HgCdTe(112) IR detector structures on Si(112) substrates 72830
de Lyon, T.J. *see* Rajavel, R.D. 82697
De Ma Sing *see* Sing De Ma
De Ma Song *see* Song De Ma
De Maagt, P.J.I., Badessi, S., Fenech, H. Antenna temperature and G/T assessment for receive satellite antennas with regional coverage 66028
De Macido, D.L. *see* Da Rocha, V.C., Jr 86105
De Magalhaes, A.C.N. *see* Tsallis, C. 61574
De Magondeaux, B. *see* Droulas, J.-L. 81281
De Maio, G. *see* Vatalaro, F. 118862
De Man, H. *see* Janssen, M. 72485
De Man, H. *see* Samel, S. 99387
De Man, H. *see* Van Rompaey, K. 118775
De Man, H. *see* Vercauteren, S. 83078
De Man, H. *see* Vercauteren, S. 83083
de Marca, J.R.Boisson *see* Boisson de Marca, J.R.
De Marchi, G., Gonella, F., Mazzoldi, P., Battaglin, G., Knystautas, E.J., Meneghini, C. Non-linear glasses by metal cluster formation: synthesis and properties 75387
De Marchi, S., Vianello, M. Peano's kernel theorem for vector-valued functions and some applications 72619
De Marco, G. *see* Busco, B. 122028
De Marco, M., Trecordi, V. Bandwidth re-negotiation in ATM networks for high-speed computer communications 77998
De Marinis, M. *see* Ciofi, C. 106148
De Marinis, M. *see* Ciofi, C. 115034
De Martinis, C. *see* Giove, D. 100587
De Marzo, C.N. *see* Barbiellini, G. 69722
De Mascureau, J. Induction linacs 69620
De Mascureau, J. *see* Eyharts, Ph. 89740
De Mathan, N., Villard, D., Serre, M., Viard, A. Enhancement of ultrasonic non-destructive techniques for the inspection of cast stainless steel components 82821
de Matos, C., Le Corre, A., L'Haridon, H., Lambert, B., Salaun, S., Pleumeekers, J., Gosselin, S. Photorefractive p-i-n diode quantum well operating at 1.55 μm 75726
de Matthaeis, P. *see* Amodeo, G. 111327
de Meer, A.F.G.van *see* van de Meer, A.F.G.
de Meer, J., Sarikaya, B. Quality of service modelling of continuous media system behaviour 78220
De Meerleer, P. *see* De Ley, E. 106869
De Mello, F.P. New concepts for microprocessor based voltage regulators 102667
de Mello, F.P., Feltes, J.W. Voltage oscillatory instability caused by induction motor loads 101926
de Melo, C.A.R.Sa *see* Sa de Melo, C.A.R.
de Melo, C.P. *see* Gomes, A.S.L. 116678
De Melo, M.T., Lancaster, M.J., Yokota, H., Gough, C.E. High temperature superconducting microstrip resonators for the measurement of films made by pyrolysis 93736
de Melo, O., Hernandez, L., Melendez-Lira, M., Rivera-Alvarez, Z., Hernandez-Calderon, I. Influence of Cl doping in the optical and electrical properties of ZnSe grown by molecular beam epitaxy 92763
de Melo, O. *see* Hernandez, L. 103835
de Mendivil, J.R.Gonzalez *see* Gonzalez de Mendivil, J.R.
de Mendonca, C.A.C. *see* Cotta, M.A. 103899
de Menezes, L., Hoefer, W.J.R. Accuracy of TLM solutions of Maxwell's equations 96871
de Menezes, L.R.A.X., Hoefer, W.J.R. Modelling nonlinear dispersive media in 2D TLM 65833
de Menezes, L.R.A.X., Hoefer, W.J.R. Modeling of general constitutive relationships in SCN TLM 76506
De Mercato, G. *see* Garcia Sanchez, F.J. 94885
de Mesquita, A.C. *see* Pirmez, L. 74802
De Meulebroeke, F.Van *see* Van De Meulebroeke, F.
De Mey, G. *see* Matthys, L. 72680
De Meyer, H., Bocher, P., Fack, V., Vanden Berghe, G. A parallel fifth-order algorithm for the numerical solution of Volterra equations 72711
de Meyer, H., van Hecke, T., Vanden Berghe, G., van Daele, M. Multistride L-stable fourth-order methods for the numerical solution of ODEs 103722
De Meyer, H. *see* Van Daele, M. 72693
de Meyer, O. Radiated RF immunity and emission tests 107946
De Meyere, A. *see* Colpaert, C. 75615
De Meyere, A. *see* De Ley, E. 106869
De Meyere, A. *see* Maximus, B. 89304
De Meyere, A. *see* Pauwels, H. 89350
de Meyere, A. *see* Pauwels, H. 100246
de Micheli, E. *see* Piccioli, G. 77203
De Micheli, G. *see* Benini, L. 73264
De Micheli, G. *see* Coelho, C.N., Jr. 93217
De Micheli, M.P. Optical parametric oscillator in quasi-phase matching 76200
de Miguel, M.P. *see* Picazo, M.L. 90628
de Miguel-Vela, G. *see* Martinez-Madrid, J.J. 109760
De Min, A. *see* Bell, W. 120174
de Mingo, J., Moliner, A., Comeron, A. Waveguide-to-coupled fin-line transition in Ka band 104781
De Miras, J. *see* Charara, A. 95390
De Montmorillon, L.-A., Biaggio, I., Delaye, P., Launay, J.-C., Roosen, G. Eye-safe large field of view homodyne detection using a photorefractive CdTe:V crystal 96645
De Moor, B., Van Overschee, P. Numerical algorithms for subspace state space system identification 61022
De Moor, B. *see* De Lathauwer, L. 117514
De Moor, G., Fiers, T., Wieme, R., Scott, P. The research in semantics behind the OpenLabs coding system 108130
De Moor, P., Camps, J., Schuurmans, P., Severijns, N., Vanderpooten, W., Van Geert, A., Vanhellemont, Y., Vanneste, L., Wouters, J., Coron, N., Jegoudez, G., Leblanc, J. Calorimetric single particle detection in high magnetic fields at low temperatures 69800
de Morais, E. *see* Cabral, F.A.O. 115503
de Morais, E. *see* Gama, S. 75103
De Morais, T.D., Noel, C., Kajzar, F. Electric field poling effects on the molecular reorientational dynamics of side-chain NLO polymers 85639
De Mori, R. *see* Atal, B.S. 76869
de Moura, A.P., de Carvalho, M.A., Jr., Mota, W.S. Modified decoupled load flow with equivalent power accumulation for distribution systems 91126
De Moura, F.A.B.F., Lyra, M.L. Phase distribution and superstructures on the phase correlation of copropagating electromagnetic fields 96610
De Munari, I., Speroni, F., Reverberi, M., Neva, C., Lonzi, L., Fantini, F. Design of a test structure to evaluate electro-thermomigration in power ICs 113755
De Munari, I. *see* Morgan, S. 115016
De Munari, I. *see* Scorzoni, A. 84204
De Munari, I. *see* Scorzoni, A. 115028
de Munck, J.C., Bhagwandien, R., Muller, S.H., Verster, F.C., Van Herk, M.B. The computation of MR image distortions caused by tissue susceptibility using the boundary element method 120294
De Munter, D.P.A. *see* Gennissen, P.T.J. 84665
de Murcia, J., Grangeat, P. Reconstruction of cardiac gated SPECT images 70075
de Murcia, M., Richard, E., Benvenuti, A. Microwave noise of hot electrons in $Al_xGa_{1-x}As$ channel 62708
de Murcia, M., Richard, E., Benvenuti, A., Vanbremeersch, J., Zimmermann, J. Microwave noise of hot electrons in $Al_xGa_{1-x}As$ channel. Procedure for measuring AlGaAs lattice heating 62709
de Muynck, P. *see* Xin Yang 98003
De Natale, F.G.B., Fioravanti, S., Giusto, D.D. DCRVQ: a new strategy for efficient entropy coding of vector-quantized images 77221
De Natale, G.B. *see* Accame, M. 108662
de Natale, P. *see* Fumeaux, C. 116654
De Neve, H. *see* Aherne, T. 76080
de Nevet, H. *see* Vanwassenhove, L. 96046
De Nicolao, G. *see* Bolzern, P. 66786
de Nieto, M.Delgado *see* Delgado de Nieto, M.
de Nijs, J.M.M. *see* Clement, M. 84018
de Nivelle, M.J.M.E., Bruijn, M.P., Frericks, M., de Vries, R., Wijnbergen, J.J., de Korte, P.A.J., Sanchez, S., Elwenspoek, M., Heidenblut, T., Schwierzi, B., Michalke, W., Steinbeiss, E. A high-T_c superconductor bolometer for remote sensing of atmospheric OH 101555
de Nooijer, M.-C. *see* McCord, J. 115652
de Notaristefani, F., Pani, R., Scopinaro, F., Barone, L.M., Blazek, K., De Vincentis, G., Malatesta, T., Maly, P., Pellegrini, R., Pergola, A., Soluri, A., Vittori, F. First results from a YAP:Ce gamma camera for small animal studies 110698

De Notaristefani, F. *see* Basti, G. 90164
de Notaristefani, F. *see* Del Guerra, A. 90352
de Notaristefani, F. *see* Del Guerra, A. 101112
de Obaldia, E. *see* Hampel, G. 83343
de Oliveira, A.G. *see* Dias, I.F.L. 94546
de Oliveira, A.G. *see* Neves, B.R.A. 94874
de Oliveira, A.G. *see* Neves, B.R.A. 114702
de Oliveira, A.J.B., Lima, P.R. The six-port reflectometer: choosing a calibration method 93770
de Oliveira, A.J.B., Neto, S.P.X. A single six-port reflectometer measures the scattering parameters of two-port microwave devices 93769
de Oliveira, A.J.B., Neto, S.P.X. A single six-port reflectometer measures the scattering parameters of two-port microwave devices 100299
de Oliveira, C.E.M., Miskys, C.R., de Carvalho, M.M.G. Growth of InP single crystals by liquid encapsulated Czochralski (LEC) using glassy-carbon crucibles 92681
de Oliveira, C.E.M. *see* Miskys, C.R. 92682
de Oliveira, F.A. *see* Peixoto, G.R. 102289
de Oliveira, F.A.M. *see* Tabosa, J.W.R. 96742
de Oliveira, H.J.Q. *see* Marques, M.A. 101142
de Oliveira, H.J.Q. *see* Pereira, A.S. 101140
de Oliveira, J.C. *see* Delaiba, A.C. 102776
de Oliveira, J.C. *see* Peixoto, G.R. 102289
De Oliveira, J.C. *see* Souto, O.C.N. 101662
de Oliveira, J.V. Sampling, fuzzy discretization, and signal reconstruction 66610
De Oliveira, L.C.O., Rossi, J.C., Pires, F.A. de C. Asymmetrical magnetization in three-phase core type transformers 102777
De Oliveira, M.M., Ying Jiang, Ekstrom, A. Performance of conventional and advanced static VAr compensators at low frequency resonance conditions 91028
De Oliveira, S.E.M. Modeling effects on transient behavior of synchronous machines 111910
de Oliveira Bohbot, R., Lesselier, D., Duchene, B. Mapping defects in a conductive half-space by simulated annealing with connectivity and size as constraints 92991
de Oliveira Duarte, A.M. *see* Lomba, C.R.A.T. 88621
de Oliveira Duarte, A.M. *see* Moreira, A.J.C. 88622
De Oliveira Duarte, M. *see* Olsen, B.T. 98910
de Oliveira Nascimento, F.A. *see* do Nascimento Neto, S. 97964
de P.A. Silva, M. *see* Gusev, G.M. 74426
de Pablos, J. *see* Alonso, J.I. 99288
De Pablos, J. *see* Blas, J.M. 88779
De Pablos, J. *see* Blas, J.M. 117102
de Padua Braga, A. A continuous approximation for the intersection of two hyper-spheres in the Boolean space 103665
de Paiva, E.P., de Freitas, L.C., Farias, V.J., Coelho, E.A.A., Vieira, J.B., Jr. A quasi-resonant zero-current-switching buck PWM converter using a nonlinear resonant inductor 61608
de Paiva, J.A.C., Medeiros Neto, J.A., Sombra, A.S.B. Nonlinear electrical switching in CdTeS doped glass 74287
De Palo, M. *see* Berizzi, F. 68658
De Palo, M. *see* Bettini, G. 109728
De Panfilis, S. *see* Billan, J. 100647
De Paoli, M.-A. *see* Soltz, D. 84159
De Pascale, M.P. *see* Barbiellini, G. 69722
De Pauw, C. *see* Ives, D.J. 64682
De Pauw, P., Van Haeverbeke, S. Quality and reliability improvement through defect oriented failure analysis 115299
De Pedraza, L. *see* Calvo, M.L. 75527
De Perez, T.A., Badra, R.E., Viloria, A., Stefanelli, M.C., Sucre, O. Applications of ambiguity function-based kernels in time-frequency representations 97855
De Perez, T.A. *see* Badra, R.E. 97654
de Perez, T.A. *see* Stefanelli, M.C. 101397
De Pestel, G., Picard, A., Vandewege, J., Morlion, D., Tan, Q., Van Koetsem, J., Migom, F., Vetter, P. Parallel optical interconnections for future broad band systems, based on the "fibre in board technology" 119219
de Petris, M. *see* Mainella, G. 68822
de Pierro, A.B. *see* Browne, J. 120301
de Plassche, R.J.van *see* van de Plassche, R.J.
de Pol, J.Van *see* Van de Pol, J.
de Pol, M. New developments in microprocessors 104605
De Poli, G. In search of new sounds 88882
de Poli, M. *see* Pausch, G. 80022
de Poli, M. *see* Pausch, G. 100928
de Pontcharra, J. *see* Dentan, M. 90222
de Pontcharra, J. *see* Dentan, M. 95214
de Potter, M. *see* Pereira, R.G. 83847
de Prycker, M. *see* Costa, M. 90231
de Prycker, M. *see* Costa, M. 100982
de Queiroz, A.C.M. Compact nodal analysis with controlled sources modeled by ideal operational amplifiers 93044
de Queiroz, A.C.M., Caloba, L.P. Reactive loop elimination and the use of special approximations in the design of OTA-C filters 93567
de Queiroz, A.C.M. *see* Schechtman, J. 73550
de Queiroz, M.S., Dawson, D.M. Nonlinear control of active magnetic bearings: a backstepping approach 102626
De Queiroz, R.L., Florencio, D.A.F. A nonlinear filter bank for image coding 97968
de Querioz, A.C.M. *see* Caloba, L.P. *(editor)* 72074
de Raad Iseli, C. *see* Grigorie, M. 119606
De Raedt, W. *see* Baeyens, Y. 62314
De Raedt, W. *see* Rouquette, P. 106090
de Raedt, W. *see* Schreurs, D. 73816
De Raedt, W. *see* Schreurs, D. 83516
De Raedt, W. *see* Schreurs, D. 104834
De Raedt, W. *see* Schreurs, D. 115253
De Raedt, W. *see* Wan, C. 100271
De Raedt, W. *see* Zeng, A. 107020
De Resmini, M.J. *see* Jungnickel, D. 76718
de Resseguier, T. *see* Couturier, S. 89515
De Ridder, A.C., Kindt, S., Frimout, E.D., Biemond, J., Lagendijk, R.L. A hardware adaptation layer for MPEG video recording on a helical scan based digital data recorder 86573
de Ridder, J. Universal service and competition: what counts? 87517
de Ridder, R.M., Wijbrans, R.A., Albers, H., Aukema, J.S., Lambeck, P.V., Hoekstra, J.W.M., Driessen, A. A spot-size transformer for fiber-chip coupling in sensor applications at 633 nm in silicon oxynitride 64663
De Rijk, G. *see* Bailey, R. 79964
de Rijk, G. *see* Faugier, A. 79947
de Rijk, G. *see* Faugier, A. 79948
De Riva, A.M., Zavattini, G., Marigo, S., Rizzo, C., Ruoso, G., Carugno, G., Onofrio, R., Carusotto, S., Papa, M., Perrone, F., Polacco, E., Cantatore, G., Della Valle, F., Micossi, P., Milotti, E., Pace, P., Zavattini, E. Very high Q frequency-locked Fabry-Perot cavity 96579
de Rocha, V.C., Jr. *see* Cabral, H.A. 66493
de Roer, T.van *see* van de Roer, T.
de Rooij, N.F. Current applications of silicon based microsystems 64010
de Rooij, N.F. Current and future applications of microsystems 106275
de Rooij, N.F. *see* Akiyama, T. 74965
de Rooij, N.F. *see* Blanc, N. 69079
de Rooij, N.F. *see* Favrat, P. 81494
de Rooij, N.F. *see* Lorenz, H. 84637
de Rooij, N.F. *see* Marxer, C. 85084
de Rooij, N.F. *see* Paoletti, F. 74932
de Roos, A. *see* Holman, E.R. 69986
De Rosa, M. *see* Baldacchini, G. 69556
De Rosa, M.E. *see* Brant, M.C. 107449
de Rossi, D. *see* Della Santa, A. 101402
De Rossi, D. *see* Della Santa, A. 113556
De Rossi, D. *see* Della Santa, A. 120474
de Rougemont, M. *see* Burago, D. 60805
De Roure, D., Carr, R., Hall, W., Hill, G. A distributed hypermedia link service 118347
De Roure, D., Hall, W., Davis, H., Dale, J. Agents for distributed multimedia information management 87968
de Ruiter, B. *see* Kock, T.J.J.M. 104184
de Ruiter, J. *see* van de Griend, A.A. 90753
de Sa, E.L. *see* Hummelgen, I.A. 74504
de Sa, J.L.Pinto *see* Pinto de Sa, J.L.
de Sa, J.Pinto *see* Pinto de Sa, J.
De Sa, J.S. *see* Cogo, J.R. 111993
de Sa, L. *see* Silva, V. 77397
de Saint Blancard, M., Dubuisson, B., Rombaut, M. PRO-LAB2: a vehicle with driving assistance 98135
de Salles, A.A., Larangeira, G.G. An improved model for the GaAs HBT frequency performance under optical illumination 93834
de Salles, A.A.A. *see* de Barros, L.E.M., Jr. 93799
De Salvo, L. *see* Bonifacio, R. 96442
De Salvo, L. *see* Tatchyn, R. 96526
De Samblanx, G., Van Barel, M., Bultheel, A. Duality in vector Pade-Hermite approximation problems 60939
de Sampaio, R.J.B. *see* Yuan, J. 113236
De Sandro, J.P. *see* Loh, W.H. 116403
De Sanoit, J. *see* Pappalardo, G. 100387
De Santis, A., Persiano, G. The power of preprocessing in zero-knowledge proofs of knowledge 117160
De Santis, A. *see* Ateniese, G. 117193
De Santis, A. *see* Blundo, C. 117220
de Santis, P., Mascello, A., Palma, C., Perrone, M.R. Coherence growth of laser radiation in Gaussian cavities 65391
De Santo, A. *see* Autiero, D. 69815
De Santo, A. *see* Autiero, D. 80006
De Santo, M. *see* Boccignone, G. 87072
De Sario, M. *see* Ciminelli, C. 116090
de Sario, M., Maione, B., Pugliese, P., Savino, M. *(editors)* MELECON '96. 8th Mediterranean Electrotechnical Conference. Industrial Applications in Power Systems, Computer Science and Telecommunications. Proceedings (Cat. No.96CH35884) 112734
De Schepper, L. *see* Cosemans, P. 115030
De Schepper, L. *see* Czech, I. 119758
De Schepper, L. *see* D'Haeger, V. 115029
De Schepper, L. *see* Gregoris, G. 112862
De Schoenmacker, D. *see* Suard, B. 119487
De Schutter, J. *see* De Geeter, J. 86780
de Seta, D. *see* Carbonelli, M. 110395
de Silva, C.W. *see* Croft, E.A. 108663
De Silva, L.C., Miyasato, T., Kishino, F. Emotion enhanced face to face meetings using the concept of Virtual Space Teleconferencing 78139
De Silva, L.C., Miyasato, T., Kishino, F. Emotion enhanced multimedia meetings using the concept of virtual space teleconferencing 98810
de Silva, M. *see* Crowe, B.L. 110817
De Silva, R. *see* Richards, A. 98456
De Silvestri, S. *see* Geissler, K. 62648
De Simone, C. A note on the Boolean quadric polytope 113148
De Simone, R. *see* Boussinot, F. 87688
De Simone, R. *see* Diot, C. 98453
De Simone, V. *see* Bernabei, F. 109671
De Smedt, R. *see* Franchois, A. 114415
De Smedt, R. *see* Haelvoet, K. 119569
De Smet, H. *see* Van Calster, A. 84267
de Solorzano, A.Ortiz *see* Ortiz de Solorzano, A.
De Sousa, J.T., Goncalves, F.M., Teixeira, J.P., Marzocca, C., Corsi, F., Williams, T.W. Defect level evaluation in an IC design environment 115307
De Sousa Cardoso, L. An overview on the Quality of Service Development Group (QSDG) activity and the reliability issue 98561
de Sousa Rocha, J.P., Deckmann, S.M. Digital flickermeter implementation 102280
De Souza, A.C.Z. *see* Canizares, C.A. 101733
de Souza, A.Ferrari *see* Ferrari de Souza, A.
De Souza, C. *see* Meiler, R.J. 90654
De Souza, C.E. *see* Lihua Xie 76902
De Souza, C.F. *see* Cotta, M.A. 103948
de Souza, C.Sieckenius *see* Sieckenius de Souza, C.
De Souza, E.A. *see* Knox, W.H. 65146
de Souza, E.A.M. *see* Junior, I.deS.Q. 62153
de Souza, F.C. *see* Caldas, R.P. 102292
de Souza, F.C. *see* Caldas, R.P. 111686
de Souza, J.Campello *see* Campello de Souza, J.
De Souza, M. Embedded design made simple 93482
de Souza, M.M., Narayanan, E.M.S. Double resurf technology for HVICs 74857
De Souza, R. Simulation of an electronics manufacturing facility using ARENA 92160
de Souza, R.F. *see* de Lima Coimbra, M. 73119
de Souza, R.M.Campello *see* Campello de Souza, R.M.
de Souza, T.M. *see* Mendes de Barros, R.C. 113414
De Souza e Silva, E. *see* Meo, M. 118365
de Souza Filho, E.B., Lima, A.M.N., Jacobina, C.B., da Silva, E.R.C. An induction motor drive system with field oriented control 102687
de Stadt, H.Van *see* Van de Stadt, H.
de Stefani, F. *see* Bottalico, S. 68689
De Stefani, F. *see* Bottalico, S. 68698
De Stefano, L. *see* Abbate, G. 75540
De Stefano, L. *see* Abbate, G. 95728
De Stefano, L. *see* Bernini, U. 116656
De Stefano, L. *see* Iannone, E. 78742
de Sterke, C.M., Broderick, N.G.R., Eggleton, B.J., Steel, M.J. Nonlinear optics in fiber gratings 107566
De Sterke, C.M. *see* Broderick, N.G.R. 76143
de Sterke, C.M. *see* Eggleton, B.J. 75458
de Sterke, C.M. *see* Eggleton, B.J. 96710
De Sterke, C.M. *see* Monro, T.M. 75532
De Sterke, C.M. *see* Psaila, D.C. 116199
De Sterke, C.M. *see* Steel, M.J. 85669
de Straat, D.A.van *see* van de Straat, D.A.
De Sturler, E. Nested Krylov methods based on GCR 60950
De Susa Dias, M. *see* Krahenbuhl, L. 96945
De Sutter, B. *see* Vandevenne, L. 118102
de Swart, J.J.B. *see* Van der Houwen, P.J. 61041
de Talhouet, H., Webster, J.G. The origin of skin-stretch-caused motion artifacts under electrodes 80394
de Theije, F.K. *see* Schermer, J.J. 113303
de Tournai, D.C. *see* Jian Teng 120544
de Tournemine, R.Larue *see* Larue de Tournemine, R.
de Tourreil, C. *see* Joulie, R. 91202
de Tourreil, C. *see* Lanteigne, J. 81124
De Tremiolles, G. *see* Madani, K. 93641
De Troch, F.P. *see* Su, Z. 120866
De Troch, S. *see* Berrebi, E. 87000
de Valois, U. *see* da Silva, E.R.C. 102824
de Vasconcelos, E.A., da Silva, E.F., Jr. Effects of high doses of ionizing radiation on interface properties of MOS capacitors 74498
De Veciana, G. *see* Montgomery, M. 87325
de Velasco, D.Fernandez *see* Fernandez de Velasco, D.
de Velde, J.van *see* van de Velde, J.
de Velde, T.Van *see* Van de Velde, T.
de Ven, E.Van *see* Van de Ven, E.
De Ven, P.J.H.Van *see* Van De Ven, P.J.H.
De Venuto, D., Corsi, F. Use of a laser beam probe for the non-invasive measurement of signals in silicon ICs 106158
De Venuto, D., Corsi, F., Breglio, G., Cutolo, A., Zeni, L. Optical probing of internal signals in silicon ICs 115313
De Venuto, D., Corsi, F., Portulano, S. Detection of internal signals in silicon IC's via CW low power laser probe 65598
De Venuto, D. *see* Beole, S. 110562
De Veuster, C. *see* Slangen, P. 79728
de Veuster, C. *see* Slangen, P.R.L. 89536
de Victoria, F.L. *see* Reznic, Z. 87264
de Vicuna, L.G. *see* Fernandez, M.C. 121662
De Vincentis, G. *see* de Notaristefani, F. 110698
De Vincenzi, M. *see* Barbarino, G.C. 80097
De Vittor, P. Maxim integrated products DC/DC convertors 61644

De Vittor, P. Advanced microdevices (AMD) chipsets for portable computers 61704
De Vittor, P. Integrated circuits for motor control 71605
De Vittor, P. Audio compression techniques for digital signal processing 79192
De Vittor, P. Linear components for operation at low voltages 93114
De Vittor, P. Passive components in chip form 114336
De Vittorio, M. *see* Calcagnile, L. 74378
De Vittorio, M. *see* Cingolani, R. 63031
De Vittorio, M. *see* Cingolani, R. 94505
De Vittorio, M. *see* Di Dio, M. 83945
De Vleeschauwer, D. *see* Brinkmanna, A. 78301
De Vleeschouwer, C. *see* Marichal, X. 86314
de Voigt, M.J.A. *see* Maj, B. 100766
De Volder, A. *see* Michel, C. 90490
De Volder, A. *see* Sibomana, M. 101243
de Voorde, I.van *see* van de Voorde, I.
de Vos, S. *see* Nguyen, T.P. 115037
de Vosse, F.N.van *see* van de Vosse, F.N.
De Vre, R., Heanue, J.F., Gurkan, K., Hesselink, L. Transfer functions based on Bragg detuning effects for image-bearing holograms recorded in photorefractive crystals 95647
De Vreede, A.H. *see* Spiekman, L.H. 78883
de Vreede, J.P.M. *see* Stubenrauch, C.F. 108058
de Vreede, L.C.N., de Graaff, H.C., Tauritz, J.L., Baets, R.G.F. Extension of the collector charge description for compact bipolar epilayer models 84319
de Vreede, L.C.N. *see* Steenbergen, C.A.M. 88573
de Vries, A.P. Television information filtering through speech recognition 76854
De Vries, D. *see* Van der Wal, M. 88869
de Vries, D.J., King, M.A., Tsui, B.M.W., Metz, C.E. Evaluation of the effect of scatter correction on lesion detection in hepatic SPECT imaging 101319
De Vries, D.K., Kunzel, H., Hausler, K., Ploog, K.H., Wieck, A.D. Lateral electron depletion in focused-ion-beam implanted pseudomorphic heterostructures with $In_xGa_{1-x}As$ channels 63266
de Vries, D.K., Stelmaszyk, P., Wieck, A.D. Intrinsic and extrinsic capacitances of in-plane-gated transistors 74754
De Vries, H. *see* Zhou, Z.-L. 110536
De Vries, J.S. *see* De Boer, M.P. 63784
de Vries, M. *see* Arya, V. 67767
de Vries, M.J. *see* Meller, S. 69215
de Vries, P.H.S. *see* Simon, P.L.C. 88984
de Vries, P.M.J.M. *see* Noordegraaf, A.V. 101393
de Vries, P.M.J.M. *see* Woltjer, H.H. 101392
de Vries, R. *see* Brinkmanna, A. 78301
de Vries, R. *see* de Nivelle, M.J.M.E. 101555
de Vries, R.Penning *see* Penning de Vries, R.
de Waal, H. *see* Yingchao Yan 96169
de Waarsenburg, W.A.van *see* van de Waarsenburg, W.A.
De Wachter, J. *see* Wu, M.F. 63262
de Walle, C.G.Van *see* Van de Walle, C.G.
de Weerd-Nederhof, P.C. *see* Kerssens-Van Drongelen, I.C. 103375
De Weerdt, R., Hameyer, K., Belmans, R. End winding leakage calculation of a squirrel-cage induction motor for different load conditions 81466
De Weerdt, R., Hameyer, K., Belmans, R. Finite element analysis of steady state behaviour of squirrel cage induction motors compared with measurements 102724
De Weerdt, R. *see* Dolinar, D. 71316
De Weerdt, R. *see* Mertens, R. 107709
de Wiel, O.van *see* van de Wiel, O.
de Wiele, F.van *see* van de Wiele, F.
de Wijs, M.C.J. *see* de Leeuw, R.W. 100710
De Win, E. *see* Rijmen, V. 66508
de Wit, J.H.W. *see* Prins-Jansen, J.A. 71689
de Wit, L. *see* Geurtsen, A.J.M. 92929
De Wolf, I., Maes, H.E., Jones, S.K. Stress measurements in silicon devices through Raman spectroscopy: bridging the gap between theory and experiment 62695
De Wolf, I., Pozzat, G., Pinardi, K., Howard, D.J., Ignat, M., Jain, S.C., Maes, H.E. Experimental validation of mechanical stress models by micro-Raman spectroscopy 115320
De Wolf, I. *see* Baumgart, H. 61642
de Wolf, I. *see* Groeseneken, G. 63680
De Wolf, I. *see* Groeseneken, G.V. 63738
De Wolf, I. *see* Jain, S.C. 74368
De Wolf, I. *see* Jones, S.K. 63294
De Wolf, P. *see* Trenkler, T. 84532
De Zela, F., Solano, E., Gago, A. Micromaser equations without the rotating-wave approximation. The non-resonant case 107034
De Zhang Zheng *see* Zhang Zheng De
De Zhong Wen *see* Wen De Zhong
De Zutter, D., Olyslager, F. High-frequency circuit model for the "incidence" of electromagnetic waves on hybrid waveguide structures 65944
De Zutter, D. *see* Coen, G. 93655
De Zutter, D. *see* De Backer, B. 76430
De Zutter, D. *see* De Backer, B. 107913
De Zutter, D. *see* De Langhe, P. 116939
De Zutter, D. *see* Demeulenaere, B. 107328
De Zutter, D. *see* Rogier, H. 97267
De-Gui Sun, Na-Xin Wang, Liming He, Zhao-Heng Weng, Daheng Wang, Chen, R.T. Demonstration of an optoelectronic interconnect architecture for a parallel modified signed-digit adder and subtracter 85219
De-Heng Zhang *see* Ru-Wei Gao 115484
De-Ju Mo *see* Mo De-Ju
De-Kui Qing, Itoh, K., Murabayashi, M. Fabrication of spot size converters for optical chemical sensors by distributed-field-assisted ion-exchange 75550
De-Kui Qing, Xiao-Min Chen, Itoh, K., Murabayashi, M. A theoretical evaluation of the absorption coefficient of the optical waveguide chemical or biological sensors by group index method 99948
De-Kun Guo *see* Guo De-Kun
De-Sheng Chen, Sarrafzadeh, M. An exact algorithm for low power library-specific gate resizing 83026
De-Xin Wu Deep submicron technology and applications 94647
Deacon, B.P. *see* Worden, K. 92521
Deadrick, F. *see* Eylon, S. 90078
Deadrick, F. *see* Houck, T. 110481
Deadrick, F. *see* Karpenko, V. 89695
Deadrick, F. *see* Reginato, L. 83758
Deadrick, F. *see* Yu, S. 89736
Deadrick, F.J., Barnard, J.J., Fessenden, T.J., Meridith, J.W., Rintamaki, J. Development of beam position monitors for heavy ion recirculators 100567
Deadrick, F.J. *see* Friedman, A. 89692
Deak, J., Miklich, A.H., Slonczewski, J., Koch, R.H. A low-noise single-domain fluxgate sensor 99942
Deak, P., Hajnal, Z., Miro, J. Recombination with larger than bandgap energy at centres on the surface of silicon microstructures 94315
Deak Kim Yong *see* Yong Deak Kim
Deakin, D.S. *see* Sovero, E.A. 93875
Deakin, D.S. *see* Youngwoo Kwon 73791
Dean, A.J. *see* Davies, J.B. 65642
Dean, A.J. *see* Rossi, E. 101013
Dean, C., Chantrell, R.W., Suzuki, H., Kodama, N., Bissell, P.R. Simulations of highly anisotropic Co-Cr-Ta thin films 84776
Dean, C. *see* Walmsley, N.S. 64179
Dean, C. *see* Warren, A.P. 106482
Dean, M. *see* Fletcher, P.N. 108074
Dean, P. Voice over ATM: a winning technology 109288
Dean, P., Kansara, M., Pratt, J.M.K. Modelling of a brushless single phase self excited alternator 111905
Dean, R. Future directions for electronic messaging 87759
Dean, S.E. Flexible circuit options 83587
Dean, S.O. Applications of plasma and fusion research 61133
Dean Khanh Bui *see* Bui Dean Khanh
Deane, D.J. *see* Webb, M.S. 96697
Deane, J.H.B., Hamill, D.C. Improvement of power supply EMC by chaos 73082
Deane, J.H.B., Smythe, C., Jefferies, D.J. Self-similarity in a deterministic model of data transfer 67610
Deane, P.A. *see* Magill, P.A. 60652
Deane, S. *see* Murley, D. 92897
Deane, S.C. *see* Slade, H.C. 115208
Deans, J.D. *see* Cali, P.D. 118421
Deans, M.C., Blum, R.S. An adaptive algorithm for distributed signal detection system design 66652
Dearden, G., Mayhew, S.E., Lucas, J., Stuart, R.A. Spontaneous emission measurements from a low voltage pre-bunched electron beam 96504
Dearden, G., Mayhew, S.E., Lucas, J., Stuart, R.A., Hartley, J.R., Shaw, A., Al-Shamma'a, A. Gain measurements on a waveguide FEL amplifier with pre-bunched electron beam 96505
Dearden, G. *see* Balfour, C. 96558
Dearing, G.O. *see* Clementi, J.J. 60640
Dearing, G.O. *see* Clementi, J.J. 83658
Dearsley, K. Requirements for public ATM networking 67675
Deasy, J.O., Almond, P.R., McEllistrem, M.T. Measured electron energy and angular distributions from clinical accelerators 80447
Deaton, G. Juggling ATM traffic 67668
Deaton, J.B., Jr. *see* Murray, T.W. 70565
Deaver, D.M. *see* Van Der Gracht, J. 99889
Deb, A. *see* Sarkar, G. 90916
Deb, G.K. Relevance of EMC education in undergraduate course 72103
Deb, G.K. *see* Chatterjee, A. 76475
Deb, G.K. *see* Ghose, A.K. 73854
Deb, G.K. *see* Ghose, A.K. 73855
Deb, G.K. *see* Ghose, A.K. 76443
Deb, G.K. *see* Sarkar, A.K. 79143
Deb, N.K., Rouf, A., Basu, S., Biswas, S.K. Commutation diagnosis in converter fed commutator motors from study of brush surface 111888
Deb, S. *see* Roy, P.P. 121653
Deb, S.K. *see* Bechinger, C. 95814
Deb Chatterjee, Plumb, R.G. A hybrid formulation for the probe-to-patch attachment-mode current for rectangular microstrip antennas 66113
DeBacker, D. *see* Morgan, C.J. 110876
Debanche, J.L. *see* Fu, Y. 121973
Debao Xiao *see* Xiao Debao
DeBarber, P.A. *see* Millerd, J.E. 116740
DeBarger, S. *see* Erickson, R. 89805
DeBarros, L.E.M., Jr., Paolella, A., Herczfeld, P., Enquist, P. Modelling the photoresponse of heterojunction bipolar transistors 96003
deBarros, M.R.X. *see* Shmulovich, J. 85437
Debatin, J.E. *see* McKinnon, G.C. 80349
Debatin, J.F., McKinnon, G.C., von Schulthess, G.K. Technical note–approach to myocardial perfusion with echo planar imaging 80348
DeBaun, B.A. *see* Crow, J.D. 119221
Debbagh, F., Ameziane, E.L., Azizan, M., Brunel, M., Nguyen, T.T.A. Some annealing effects on r.f. sputtered Cu/Te/CdTe structure 74440
Debbe, R., Gushue, S., Moskowitz, B., Olness, J., Videbaek, F. The ring imaging Cherenkov detector for the BRAHMS experiment at RHIC 69751
Debeau, J. *see* Barry, L.P. 78736
DeBell, G.W. *see* Tikhonravov, A.V. 116179
Debergh, P. *see* Venier, P. 79414
Debernadi, P. Locking characteristics of Fabry-Perot semiconductor laser oscillators with side-mode injection 65236
Debernardi, P. *see* Bava, G.P. 65181
Debernardi, P. *see* Bava, G.P. 85703
Debernardi, P. *see* Bava, G.P. 116122
Debevec, P.E. *see* Taylor, C.J. 67319
Debiais, G. *see* Van Cong, H. 94881
Debiak, T.W. *see* Melnychuk, S.T. 69694
Debiao, G., Zhiwei, Z. Numerical calculation of diffraction coefficient for conducting edge coated by absorbing material 76388
Debiao Ge *see* Ge Debiao
DeBiase, J. *see* Cohen, B.L. 94047
Debie, P., Martens, L. Measuring on-wafer high-frequency modulation response characteristics of optical transmitters and detectors 68379
Debieve, C., Duchon, M. Integration by parts in vector lattices 61027
DeBlasio, R. *see* Pern, F.J. 112380
Deblois, S. *see* D'Iorio, M.D. 105432
Debnam, W.J., Jr. *see* Barber, P.G. 61136
Deboux, B.J.-C., Lewis, E., Scully, P.J., Edwards, R. A robust and miniature optical fibre pH sensor based on methylene blue dye adsorption 69561
Debowski, M. *see* Ditzel, E. 100992
DeBoy, C.C. *see* Smola, J.F. 90720
Deboy, G. *see* Schulze, H.-J. 84277
Debraine, A. *see* Amiranoff, F. 89645
Debray, P. *see* Akis, R. 63808
Debrie, F. *see* Dautriche, D. 106218
Debrie, R. *see* Bensrhair, A. 67031
Debrie, R. *see* Bensrhair, A. 108575
DeBrosse, J.K. *see* Kirihata, T. 61897
DeBrosse, J.K. *see* Kirihata, T. 93380
DeBrosse, J.K. *see* Watanabe, Y. 61898
DeBrosse, J.K. *see* Watanabe, Y. 93381
DeBrunner, L.S., DeBrunner, V.E., Ballew, W.D., Ahmed, S.A. Parallel implementation of eigendecomposition 97760
DeBrunner, V.E., Lou, W., Thripuranei, J. Block multitransform coding of non-stationary signals 117435
DeBrunner, V.E. *see* DeBrunner, L.S. 97760
Debs, A.S. *see* Gubina, F. 80858
Debs, A.S. *see* Karaki, S.H. 80774
Debska, A. *see* Thalman, W.J. 62399
Debski, A., Janas, E. The SysMan monitoring service and its management environment 118229
Debuisschert, T., Raffy, J., Pocholle, J.-P., Papuchon, M. Intracavity optical parametric oscillator: study of the dynamics in pulsed regime 96636
Debus, J. *see* Essig, M. 80279
Debus, J. *see* Jochle, K. 70201
DeBusschere, D. *see* Chau, A. 90219
DeBusschere, D. *see* Chau, A. 100936
Decanini, D. *see* Hehn, M. 64271
DeCarli, C. *see* Rajapakse, J.C. 69935
DeCarlo, D., Metaxas, D. Blended deformable models 66938
DeCarlo, D., Metaxas, D. The integration of optical flow and deformable models with applications to human face shape and motion estimation 86387
DeCarlo, D., Metaxas, D. Deformable model-based face shape and motion estimation 117890
DeCarlo, R.A. *see* Rundell, A.E. 95392
DeCaro, B. *see* Narathong, S. 119580
DeCaro, L. *see* Rinaldi, R. 62941
DeCaro, R.E., Totty, J.B., Hsu, Y.W. A low cost, compact "user" reconfigurable three-dimensional DSP MCM 94129
deCastro, M. *see* Munuzuri, A.P. 120469
DeCatrel, J.M., Surdu, J.R. Practical recognition of armored vehicles in FLIR 98208
Decaudin, P. Geometric deformation by merging a 3D-object with a simple shape 98247
DeChaine, M.D., Feltus, M.A. Fuel management optimization using genetic algorithms and expert knowledge 121315
Dechambre, M., Bourdeau, M. Forest classification by means of pattern recognition method applied to scatterometer data 111174
Dechang Sun *see* Sun Dechang
Dechang Zeng *see* Zeng Dechang
Dechaux, C. *see* Wiedmann, H. 99324
Dechazelles, P. *see* Sahraoui, A.E.K. 70342
Deckelmann, K. *see* Vanfleteren, J. 114472
Decker, C.D., Mori, W.B., Kuo-Cheng Tzeng, Katsouleas, T.C. Modeling single-frequency laser-plasma acceleration using particle-in-cell simulations: the physics of beam breakup 79843

Decker, C.D. *see* Mori, W.B. 89678
Decker, D.T. *see* Vladimer, J.A. 120766
Decker, F.-J. Polarization correlations in the SLC final focus 89840
Decker, F.-J., Akre, R., Byrne, M., Farkas, Z.D., Jarvis, H., Jobe, K., Koontz, R., Mitchell, M., Pennacchi, R., Ross, M., Smith, H. Effects of temperature variation on the SLC linac RF system 100691
Decker, F.-J., Stanek, M., Smith, H., Tian, F. Diagnostic beam pulses for monitoring the SLC linac 100596
Decker, F.-J. *see* Bane, K.L.F. 89868
Decker, F.-J. *see* Holtzapple, R.L. 89866
Decker, F.-J. *see* Raimondi, P. 89839
Decker, F.-J. *see* Raubenheimer, T.O. 90027
Decker, F.J. *see* Adolphsen, C. 89648
Decker, F.J. *see* Bane, K. 89979
Decker, F.J. *see* Krejcik, P. 89652
Decker, F.J. *see* Turner, J.L. 89654
Decker, G. APS storage ring commissioning and early operational experience 79775
Decker, G., Kang, Y.G., Kim, S., Mangra, D., Merl, R., McGhee, D., Sharma, S. Reduction of open-loop low frequency beam motion at the APS 80150
Decker, G. *see* Chung, Y. 100534
Decker, G. *see* Chung, Y. 100614
Decker, G. *see* Lumpkin, A. 100419
Decker, G. *see* Lumpkin, A. 100540
Decker, G. *see* Yong-Chul Chae 89899
Decker, G.F. Strategic options for small defense companies–1990s 60522
Decker, I.C., Falcao, D.M., Kaszkurewicz, E. Conjugate gradient methods for power system dynamic simulation on parallel computers 101730
Decker, T., Johnson, M. Three popular avionics databuses 77951
Decker, W.A., Simmons, R.C., Tucker, G.E. The use of piloted simulation for civil tiltrotor integrated cockpit design 120594
Decking, W., Kaul, O., Nesemann, H., Rossbach, J. Treatment of wiggler and undulator field errors in tracking codes 89828
Decking, W. *see* Nesemann, H. 79867
Decking, W. *see* Robin, D. 89812
Decking, W. *see* Robin, D. 120014
Deckmann, S.M. *see* de Sousa Rocha, J.P. 102280
Deckmann, S.M. *see* Poblete, J.P. 102654
Declais, Y. *see* Abbes, M. 90145
DeClements, R., Hirsche, B.L., Granger, M.C., Jishou Xu, Swain, G.M. Freestanding diamond thin films grown on glassy carbon substrates 92817
Declemy, A., Renault, P.O. Characterization by diffuse X-ray scattering of damage in ion-implanted HgCdTe 94720
Declerck, J., Feldmar, J., Betting, F., Goris, M.L. Automatic registration and alignment on a template of cardiac stress and rest SPECT images 110748
Declerck, J. *see* Feldmar, J. 110709
DeClercq, B. *see* Vetelino, K.A. 89029
Declercq, D. *see* Duvaut, P. 82415
Declercq, F., Li, Z., Bauters, P., Liu, Z., De Keyser, R. A real-time vision controlled robot tracking a randomly moving object 108731
Declercq, M. *see* Favrat, P. 81494
Declercq, M. *see* Kanan, R. 73298
Declercq, M. *see* van Ruymbeke, G. 104685
Declercq, M.J. *see* Reimann, T. 62049
Deco, G. *see* Obradovic, D. 98086
DeCobert, J., Binns, B., Campbell, R., Hawkins, A., Wang, D., Zolfaghari, A. High pulse power modulator upgrade for a S-band transmitter 89777
Deconihout, B., Gerard, P., Bouet, M., Bostel, A. Improvement of the detection efficiency of channel plate electron multiplier for atom probe application 79562
Decool, P. *see* Ciazynski, D. 91185
Decool, P. *see* Libeyre, P. 95518
DeCorso, M. *see* Scalzo, A.J. 91359
Decoster, D. *see* Goutain, E. 65214
Decoster, D. *see* Harari, J. 64925
Decoster, D. *see* Harari, J. 93816
Decoster, D. *see* Jin, G.H. 95771
Decoster, D. *see* Van de Casteele, J. 64945
Decotignie, J.-D., Auslander, D., Moreaux, M. Fieldbus based integrated communication and control systems–architectural implications 87849
Decotignie, J.-D. *see* Morel, P. 77989
Decotignie, J.-D. *see* Morel, P. 87784
Decotignie, J.D. *see* Ruiz, L. 87457
Decoutere, S., Cuthbertson, A., Wilhelm, R., Vandervorst, W., Deferm, L. Engineering of the polysilicon emitter interfacial layer using low temperature thermal re-oxidation in an LPCVD cluster tool 84324
Decreton, M. *see* De Geeter, J. 86780
Decreton, M. *see* Deparis, O. 85023
Decreton, M. *see* Deparis, O. 106813
Decrock, P. *see* Catford, W.N. 69884
DeCrosta, D.A., Hackenberg, J.J. Charge issues in high oxygen gas ratio tetraethylorthosilicate plasma enhanced chemical vapor deposition films 82716
Decroux, M. *see* Triscone, J.-M. 61195
DeCurtins, J.L. *see* Myers, G.K. 67490
DeCusatis, C., Abbate, A., Das, P. Wavelet transform based image processing using acousto-optic correlators 87172
DeCusatis, C., Koay, J., Litynski, D.M., Das, P. The wavelet transform: fundamentals. Applications, and implementation using acousto-optic correlators 86477
Dedavid, B. *see* Hayakawa, Y. 92666
Dede, E.J., Garcera, G., Esteve, V., Benavent, J.M., Carrasco, J.A., Ferreres, A. On the design of a high current power supply for superconducting magnet 119983
Dede, E.J. *see* Carrasco, J.A. 120628
Dede, E.J. *see* Navarro, A.E. 120630
Dedeban, C. *see* Ratajczak, P. 65952
Dedic, I. *see* Tsukamoto, S. 73472
Dedieu, J.P. Third and fourth-order optimality conditions in optimization 72533
Dedikov, Y.A. *see* Astrov, D.N. 69553
Dediu, H. *see* Agapie, A. 92553
DeDoncker, R.W., Maranto, J.A. Application of a mobile medium voltage sub-cycle transfer switch 121800
Dedong Han *see* Han Dedong
DeDourek, J. *see* Al-Zonan, A. 99385
Dedov, O.V., Krivoshchekov, V.A. Optically induced electrical conductivity in a nematic liquid crystal doped with a laser dye 95950
Dedukh, L.M. *see* Nikitenko, V.I. 79655
Dedukh, L.M. *see* Nikitenko, V.I. 115633
Dedyk, A.I. *see* Grigorov, K.G. 95480
Dee, R.H., Cates, J.C. Crosstrack profiles of thin film MR tape heads using the azimuth displacement method 115725
Dee-Son Pan *see* Boric-Lubecke, O. 62244
Dee-Son Pan *see* Boric-Lubecke, O. 73739
Dee-Son Pan *see* Boric-Lubecke, O. 85996
Dee-Son Pan *see* Zampardi, P.J. 105919
Deeba, E.Y., Khuri, S.A. The decomposition method applied to Chandrasekhar H-equation 72702
Deedwania, P.C. *see* Cohen, M.E. 120413
Deel, D.A. *see* Friedmann, M.D. 118406
Deeley, E.M. A vector absorbing boundary condition for vector potential satisfying the Lorentz gauge 65779
Deeley, E.M., Saha, B. A variable element model for magnetic thin films including monopole energy 64282
Deely, J.J. *see* Zimmer, W.J. 112865
Deem, B. *see* Pagey, M. 95027
Deen, J. *see* Gutierrez-D., E.A. 99996
Deen, M.J., Yan, Z.X. Low temperature characteristics of gated lateral PNP transistors 84335
Deen, M.J. *see* Ma, C.L.F. 64924
Deen, M.J. *see* Ma, C.L.F. 85286
Deen, M.J. *see* Raychaudhuri, A. 74725
Deen, M.J. *see* Raychaudhuri, A. 74747
Deen, M.J. *see* Raychaudhuri, A. 84447
Deep, G.S. *see* Oliveira, A. 110108
Deep, G.S. *see* Turnell, D.J. 119942
Deepukumar, M., George, J., Aanandan, C.K., Mohanan, P., Nair, K.G. Broadband dual frequency microstrip antenna 97341
Deergha Rao, K., Hemachandra Kumar, Ch., Maniprasa Rao, M. Improving performance of an adaptive equalizer using EKF trained multilayered neural networks 86283
Deergha Rao, K., Lakshmi Narayana, J. An approach for a faster GPS tracking extended Kalman filter 68757
Deering, M.J. *see* Patrick, K. 120479
Deering, R. *see* Diefes, D. 70399
Defenbaugh, J.F. *see* Arkadan, A.A. 81392
Deferm, L. *see* Bellens, R. 106186
Deferm, L. *see* Decoutere, S. 84324
Deferm, L. *see* Jones, S.K. 63294
Deferm, L. *see* Kol'dyaev, V. 84448
Deferm, L. *see* Mieville, J.-P. 63918
Deferm, L. *see* Van den Bosch, G. 63919
Deferm, L. *see* Van Houdt, J. 83117
DeFevere, D.C. *see* Hofler, G.E. 96019
Defez, E., Law, A.G., Rezazadeh, A., Yang, X.D. Key frame tweening–simple polynomial computations 97926
Deffeyes, R.J. Adept, adapt, adopt: three hurdles for new products 112840
Deffner, B. *see* Busse, I. 78221
Deffner, G., Yuasa, M., McKeon, M., Arndt, D. Evaluation of display-image quality: experts vs. non-experts 89395
Deffontaines, B. *see* Ichoku, C. 77482
DeFord, J. Finite element analysis for wireless design 99102
Deforges, O., Piquin, P., Viard-Gaudin, C., Barba, D. Document image segmentation using a multiresolution approach: accurate text line extraction 86603
Defos du Rau, M., Pessan, F., Vigneras-Lefebvre, V., Parneix, J.P. Multiple scattering in heterogeneous media with spherical inclusions 65771
Defos du Rau, M. *see* Parneix, J.P. 97027
DeFoster, S.M. *see* Subbarayan, G. 92209
DeFotis, G.C., Coffey, G.A., Coker, G.S., Marmorino, J.L., Beers, K.L., Chandarlapaty, S., Brubaker, W.W., Pugh, V.J., Carling, S.A., Day, P. Concentration-dependent critical behavior in dilute ferromagnetic $Fe_{1-x}As_x[S_2CN(C_2H_5)_2]_2Cl$ 64242
Defoug, S., Kaczmarek, R., Rave, W. Measurements of local magnetization by Kerr effect on Si–Fe nonoriented sheets 75107
DeFreez, R.K. *see* Baird, B.W. 107546
Defrenne, J. *see* Renaux, D. 92319
DeFries, R., Hansen, M., Townshead, J. Proportional estimation of land cover characteristics from satellite data 111318
Defrise, M., Kinahan, P., Townsend, D. A new rebinning algorithm for 3D PET: principle, implementation and performance 80238
Defrise, M., Sibomana, M., Michel, C., Newport, D. 3D PET reconstruction with the ECAT EXACT HR using Fourier rebinning 90418
Defrise, M. *see* Axelsson-Jacobson, C. 80243
Defrise, M. *see* Axelsson-Jacobson, C. 90419
Defu Zhang *see* Zhang Defu
Degani, D. *see* Marcus, S.W. 97069
Degani, Y. *see* McCormack, M.T. 83621
Degano, P., Meseguer, J., Montanari, U. Axiomatizing the algebra of net computations and processes 118115
Degardin, A. *see* Ben Ayadi, Z. 95479
Degardin, A. *see* Vasiliu, S. 64511
Degauque, P. *see* Vandamme, J. 116888
Dege Qi *see* Jinliang Yuan 84101
DeGeeter, B. *see* Smith, T. 89023
Degen, A., Macek, J., Novosel, B. Properties and reactivity of micro- and submicrometer nickel powders 72976
Degen, C.M. *see* Shea, T.J. 100565
Degeneff, R.C. *see* Batruni, R. 102786
Degeneff, R.C. *see* Vakilian, M. 102816
Degenford, J.E. *see* Niehenke, E.C. 93893
Degenkolb, M. *see* Fey, D. 106899
Degermark, M., Kohler, T., Pink, S., Schelen, O. Advance reservations for predictive service 118589
Degertekin, F.L., Honein, B.V., Khuri-Yakub, B.T. Efficient excitation and detection of Lamb waves for process monitoring and NDE 104220
Degertekin, F.L. *see* Pei, J. 111392
Degieter, K. *see* Steenhaut, K. 78009
Degiorgio, V. *see* Banfi, G.P. 85675
Degiorgio, V. *see* Banfi, G.P. 119909
Degischer, H.P., Lacom, W. Fibre reinforced light materials 82204
Degli-Esposti, V., Falciasecca, G., Riva, G. Evaluation of cellular coverage solutions for an indoor DECT system using a 3D ray tracing technique 116880
Degli-Esposti, V. *see* Corazza, G.E. 97108
Degond, P. A model of near wall conductivity: application to ionic propellors 70418
Degond, P., Poupaud, F., Schmeiser, C., Yamnahakki, A. Asymptotic analysis of kinetic equations for modeling a Schottky diode 105864
Degoue, P. *see* Gaillard, C. 100117
Degraeve, R., Ogier, J.L., Bellens, R., Roussel, P., Groeseneken, G., Maes, H.E. On the field dependence of intrinsic and extrinsic time-dependent dielectric breakdown 95253
Degraeve, R., Roussel, P., Groeseneken, G., Maes, H.E. A new analytic model for the description of the intrinsic oxide breakdown statistics of ultra-thin oxides 115405
Degraeve, R., Roussel, P., Ogier, J.L., Groeseneken, G., Maes, H.E. A new statistical model for fitting bimodal oxide breakdown distributions at different field conditions 115369
Degraeve, R. *see* Ogier, J.L. 84606
Degrieck, J. *see* Verhoeve, P. 69230
DeGroat, J.E. *see* Changku Hwang 61707
DeGroat, R.D., Dowling, E.M., Ye, H., Linebarger, D.A. Spherical subspace tracking for efficient, high performance adaptive signal processing applications 86186
DeGroot, D.C., Rudman, D.A., Kuan Zhang, Ma, Q.Y., Kato, H., Jaeger, N.A.F. Planar microwave devices fabricated by ion-implantation patterning of high temperature superconductors 114181
Degroote, S. *see* Wu, M.F. 63262
Degtyarenko, K.M. *see* Kuznetsova, R.T. 116394
Degtyarenko, K.M. *see* Kuznetsova, R.T. 116395
Deguchi, K., Miyoshi, K., Matsuda, T. Recent progress in synchrotron radiation lithography 74653
Deguchi, K., Noguchi, T. Visual servoing without feature correspondences using eigenspace method 86647
Deguchi, K., Okatani, T. Shape reconstruction from an endoscope image by shape-from-shading technique for a point light source at the projection center 110754
Deguchi, K., Sasano, T., Arai, H., Yoshikawa, H. 3-D shape reconstruction from endoscope image sequences by the factorization method 110665
Deguchi, K. *see* Horiuchi, T. 63507
Deguchi, M., Kitabatake, M., Hirao, T. Piezoresistive properties of chemical vapor deposited p-type diamond strain gauges fabricated on diaphragm structure 84713
Deguchi, M. *see* Jiang, N. 94233
Deguchi, M. *see* Yoshida, A. 94784
Deguchi, O. *see* Hinode, K. 63111
Deguchi, S. Japanese radio astronomy–past, present, and future 119346
Deguchi, T. *see* Fujii, S. 69179
Deguchi, T. *see* Tao, X.T. 85654
Degueurce, C., Dietrich, G., Pourcelot, P., Denoix, J.M., Geiger, D. Three-dimensional kinematic technique for evaluation of horse locomotion in outdoor conditions 88861
DeGuire, M.R. *see* Collins, R.J. 95246
Degwekar, A. *see* Abhyankar, Y. 78004
Dehan, E. *see* Cordier, C. 72946

Dehang, J. *see* Yimin, Z. 76919
DeHart, J. *see* Atwater, J.E. 79455
DeHaven, P. *see* Clevenger, L.A. 74635
Dehe, A., Hartnagel, H.L. Free-standing $Al_{0.30}Ga_{0.70}As$ thermopile infrared sensor 69145
Dehe, A., Hartnagel, H.L. Free-standing AlGaAs thermopiles for improved infrared sensor design 99980
Dehe, A., Klingbeil, H., Krozer, V., Fricke, K., Beilenhoff, K., Hartnagel, H.L. GaAs monolithic integrated microwave power sensor in coplanar waveguide technology 88997
Dehe, A., Klingbeil, H., Krozer, V., Fricke, K., Beilenhoff, K., Hartnagel, H.L. GaAs monolithic integrated microwave power sensor in coplanar waveguide technology 89018
Dehel, T.F. *see* Brown, D. 68769
Dehkordi, P., Powell, T., Bouldin, D. Development of a DSP/MCM subsystem assessing low-volume, low-cost MCM prototyping for universities 61964
Dehkordi, P., Ramamurthi, K., Bouldin, D., Davidson, M. Early cost/performance cache analysis of a split MCM-based MicroSparc CPU 61965
Dehler, M. *see* Bossart, R. 94181
Dehn, C. *see* Fretwurst, E. 110546
Dehne, F., Guimaraes, K. Exact and approximate computational geometry solutions of an unrestricted point set stereo matching problem 108586
Dehnel, M. *see* Kuo, T. 100702
Dehner, G., Herbert, M. Vector computing in CT image reconstruction–algorithm, data rate, compute power, parallel processing 69944
Dehning, B., Elsener, K., Fidecaro, G., Gyr, H., Herr, W., Klem, J., Scandale, W., Vuagnin, G., Weisse, E., Weisz, S., Moller, S.P., Uggerhoj, E., Freund, A., Hustache, R., Carboni, G., Bussa, M.P., Tosello, F. Experimental evidence for multipass extraction with a bent crystal 79949
Dehning, B. *see* Assmann, R. 79970
Dehoda, V.Ya., Proskura, A.I. Influence or proton irradiation on storage of optical excitements by a ceramics ZnS-Cu 106943
DeHon, A. Entropy, counting, and programmable interconnect 61791
DeHon, A. DPGA utilization and application 61796
Dehoney, R.J. Wideband high-efficiency power amplifiers 113781
DeHope, W.J. *see* Chong, C.K. 105069
Dehua Huang, Boucher, S.G. Two- and three-dimensional finite element time and frequency domain analysis for the complex 1-3 type piezocomposite material transducer 106472
Dehua Huang *see* Breazeale, M.A. 111357
Deib, D.A., Kim, J.M.S. Modelling and control of a new DC-side shunt-type nonlinear switching filter 61602
Deib, D.A., Kim, J.M.S. Modelling and control of a new DC-side nonlinear series-type switching filter 121769
Deibert, R. *see* Hofling, T. 112016
Deidda, L. *see* Agarossi, L. 68877
Deimel, P.P. *see* Kapser, K. 69175
Dein Shaw *see* Chien Sheng Wang 120517
Deis, G., Bulmer, R., Carpenter, R., Cassidy, E., Chaplin, M., Felker, B., Hibbs, S., Jackson, M., Korbel, G., Lang, D., Martovetsky, N., Parker, J., Pedrotti, L., Shen, S., Southwick, E., Wendland, C., Zbasnik, J., Hale, R., Jeong, S., Michael, P., Pillsbury, R., Jr., Pourrahimi, S., Radovinsky, A., Schultz, J., Shajii, A., Smith, S., Takayasu, M., Wang, P., Citrolo, J., Myatt, R.L., Albritton, N., Alger, D., Antaya, T., Batchelder, R., Bell, H., Bensiek, W., Brandesberg, T., Conde, P., deKoven, R., Grut, K., Johanson, D., Hoffman, D., Holt, B., Hook, E., Huang, X., Kunz, R., Lehman, G., Lvovsky, Y., Maloney, J., Markham, G., Meissner, J., Rackov, P., Rey, C., Ryan, R., Smith, R., Stutski, D., Tong, W., vandeBogart, J., Weber, C., Whitfield, R., Wilmer, B., Xu, M., Young, W., Gibson, C., Leuer, J., Luxom, J., Calvin, H., Cesar, C., Corpuz, A., LaJeunesse, M., McAuliffe, P., Molteni, C., Parman, R., Potter, D., Christianson, O., Hannan, W., Hillenbrand, R., Hordabay, J., Johnson, D.Krefta, M., Kupisewski, T., Lowry, J., Roach, J., Sanger, P., Singh, S., Swartzback, G., Urban, W., Burger, A., Clarkson, I., Schulteiss, J., Walstrom, P., Harman, D., Naumovich, G. TPX superconducting tokamak magnet system 1995 design and status overview 106719
Deis, T.A. *see* Prorok, B.C. 95432
Deiss, J.L. *see* Chergui, A. 92772
Deitinghoff, H. Calculations on the possibility of the simultaneous acceleration of ions with different charge states in a RFQ 89731
Deitinghoff, H. *see* Bessler, U. 100748
Deitinghoff, H. *see* Hofmann, I. 69647
Deitinghoff, H. *see* Kleffner, C.-M. 89724
Deitinghoff, H. *see* Schempp, A. 89703
Dejean, P., Dalle, P. Image analysis operators as concept constructors 77424
Dejewski, S. *see* Jorquera, C. 88958
Dejhan, K. *see* Cheevasuvit, F. 86879
Dejie Li *see* Zhijian Zhang 78949
Dejie Li *see* Li Dejie
DeJong, J. *see* Castelli, V. 67336
deJong, J. *see* Vakhshoori, D. 65340
Dejter, I.J. TMC tetrahedral types MOD 2k+1 and their structure graphs 82424
DeJule, R. Expanding applications and demands on parametric test 82168
DeJule, R. Resist enhancement with antireflective coatings 115043
DeJule, R. Bulk chemical distribution addresses tightening specs [IC processing] 115275
Dejun Han *see* Guohui Li 84100
Dejus, R. *see* Lumpkin, A. 100580
Dejus, R. *see* Randall, K.J. 89635
Dekel, E. *see* Moshe, E. 110383
deKemp, R.A., Nahmias, C. Automated determination of the left ventricular long axis in cardiac positron tomography 80299
deKemp, R.A. *see* Watson, C.C. 90430
Deken, K. *see* Tetmeyer, M. 91987
DeKenipp, R.J., Chignola, B.W., Wesolowski, W.E., Ho, C.W., Johns, W.E. Design, build, and characterization of HDI-on-diamond MCMs 94147
Dekeyser, M. *see* Gonzalez-Vidal, F. 118657
Dekhil, M. *see* Henderson, T.C. 79023
Dekhtyar, Yu. *see* Kunitzin, A. 63306
Deki, H. *see* Ohmura, M. 94283
Deki, H. *see* Yamashita, K. 94685
Dekic, S., Popara, R., Cerovina, R. TPP "Kosovo"-B boiler tube systems behavior 81312
Dekker, A.J.den *see* den Dekker, A.J.
Dekker, J. *see* Farrens, S. 63198
Dekker, K. Measurements on hard and soft magnetic materials require the proper instrumentation 106480
Dekker, M.J. Eddy currents induced by deflection fields in electron guns of cathode ray tubes 94204
Dekker, N.H. *see* Deshpande, M.R. 63811
Dekker, P. *see* Baxter, G.W. 85450
Deklerck, R. *see* Xin Yang 98003
Dekorsy, T., Ott, R., Leisching, P., Bakker, H.J., Waschke, C., Roskos, H.G., Kurz, H., Kohler, K. Time-resolved optical investigations of Bloch oscillations in semiconductor superlattices 63037
Dekorsy, T. *see* Cho, G.C. 114727
deKoven, R. *see* Deis, G. 106719
Dekovic, Y. *see* Siala, S. 99505
Dekusha, L.V. *see* Grishchenko, T.G. 89544
Del Alamo, J.A. *see* Greenberg, D.R. 93772
del Alamo, J.A. *see* Somerville, M.H. 106088
del Bimbo, A., Nesi, P., Sanz, J.L.C. Optical flow computation using extended constraints 67084
Del Bimbo, A. *see* Corridoni, J.M. 67455
Del Bravo, R., Sebastiani, G. Plants for production of electric energy based on gasification. Technological and commercial aspects 121378
del C. Lasprilla A, M. *see* Grosz, S.I. 119728
Del Canizo, C. *see* Luque, A. 83789
del Carmen Lasprilla A, M., Amorim, A.A., Tebaldi, M.C., Bolognini, N.A. Self-imaging through incoherent to coherent conversion 77504
del Carmen Lasprilla A., M. *see* Agra Amorim, A. 115986
Del Castillo-Mussot, M. *see* Mendoza, C.I. 114795
del Cueto, M.Estrada *see* Estrada del Cueto, M.
Del Fiorentino, L. Telecommunications in Brazil 67624
Del Giudice, M. *see* Corvasce, C. 107339
Del Gobbo, G. *see* Beverini, N. 119926
Del Grande, N.K., Durbin, P.F. Stimulated dual-band infrared computed tomography: A tool to inspect the aging infrastructure 70318
Del Guerra, A., de Notaristefani, F., Di Domenico, G., Giganti, M., Pani, R., Piffanelli, A., Turra, A., Zavattini, G. Use of a YAP:Ce matrix coupled to a position-sensitive photomultiplier for high resolution positron emission tomography 90352
Del Guerra, A., de Notaristefani, F., Di Domenico, G., Giganti, M., Pani, R., Piffanelli, A., Turra, A., Zavattini, G. Use of a YAP:Ce matrix coupled to a position-sensitive photomultiplier for high resolution positron emission tomography 101112
Del Guerra, A., Gambaccini, M., Marziani, M., Marchesini, R., Taibi, A., Bisogni, M.G., Bottigli, U., Fantacci, E., Rosso, V., Tripiccione, A.S.R., Bertolucci, E., Conti, M., Russo, P., Beccherle, R. Photons counting of a 2D silicon μ-strip detector in high X-rays flux environment: double coincidences recovery 101315
Del Guerra, A. *see* Beccherle, R. 80297
Del Guerra, A. *see* Gambaccini, M. 90365
Del Guerra, A. *see* Gambaccini, M. 90433
Del Lago, E. Intelligent I/O processors 61918
del Lago, E. An integrated solution for DS-SS systems [PRISM chip set] 109342
Del Lungo, A. *see* Barcucci, E. 72484
Del Marco, S. Time/scale-adjusted dyadic wavelet packet bases 86257
del Moral, J.B.Gomez *see* Gomez del Moral, J.B.
Del Papa, C. *see* Alietti, M. 120150
Del Papa, C. *see* Bates, R.L. 120142
del Papa, C. *see* Nava, F. 80028
del Papa, C. *see* Nava, F. 100869
del Pennino, U. *see* Betti, M.G. 74466
del Pino, M., Limeres, J., Carrascosa, M. Time evolution of the photorefractive phase conjugation process in $BaTiO_3$ 107600
del Pizzo, A. *see* Celentano, G. 121922
Del Prete, T. *see* Autiero, D. 69815
Del Prete, T. *see* Autiero, D. 80006
Del Re, E., Fantacci, R., Giambene, G. An efficient technique for dynamically allocating channels in satellite cellular networks 78570
Del Re, E. *see* Mohorcic, M. 119126
Del Rey, B. *see* Diaz-Garcia, M.A. 85631
del Rio, A., Rodriguez, A. 3D-Schema: an intuitive model for analog circuits instruction 112799
del Rio, A. *see* Valdes, M.D. 112802
Del Rio, J.-M. *see* Perez, A. 104903
Del Rio, J.-M. *see* Perez, A. 112078
del Rio, J.E.Fernandez *see* Fernandez del Rio, J.E.
del Rio, M.A. *see* Garcia, D.F. 99852
Del Rosario, J.M., Fox, G. Constant bit rate network transmission of variable bit rate continuous media in video-on-demand servers 87926
Del Valle, I., Lobo, I., Lorenzo, S. Application of DSP 32C to advanced AC motor control 102610
del Valle, I., Lobo, I., Lorenzo, S., Ruiz, J.M. New applications of AC motors 102609
del Valle, I. *see* Lobo, I. 103056
del Valle, J.Sabin *see* Sabin del Valle, J.
Del Vecchio, P., Salvini, A., Veca, G.M. The relays for grounding failures behaviour under harmonic perturbations in low voltage power systems 91218
Del Zoppo, A. *see* Bellia, G. 90238
Del Zoppo, A. *see* Bellia, G. 100996
dela Cova, J., Nelson, J.K., Rusack, R.W., Singh, V.M., Thakur, Q. A lead/liquid scintillator calorimeter for low energy particle detection 100881
Delabie, C., Mehri, F., Chauvel, D., Chambonnet, D., Belouet, C., Carru, J.C., Crosnier, Y. CAD modelling and characterization of a superconducting planar microwave resonator using complex conductivity measurements 62182
Delachartre, P. *see* Ning Ma 109817
Delacourt, D. *see* Berger, V. 85083
Delacretaz, G. *see* Richerzhagen, B. 116600
Delaey, L. *see* Wevers, M. 113617
Delage, S. *see* Mallet, A. 83402
Delage, S. *see* Tachafine, A. 62293
Delage, S.I., Blanck, H., Cassette, S., Floriot, D., Chartier, E., diForte-Poisson, M.A., Watrin, E., Bourne, P. GaInP/GaAs HBTs: state of the art 83389
Delage, S.L., Floriot, D., Blanck, H., Cassette, S., Chartier, E., DiForte-Poisson, M.-A., Brylinski, C., Perreal, Y., Pons, D., Roux, P., Bourne, P., Chaumas, P. Power GaInP/GaAs HBT MMICs 62341
Delage, S.L. *see* Roux, J.P. 63598
Delagne, E. *see* Jarron, P. 104359
Delagnes, E. *see* Dentan, M. 90222
Delagnes, E. *see* Dentan, M. 95214
Delagnes, P. *see* Wu, L. 98307
Delagrange, H. *see* Matulewicz, T. 110596
Delahaigue, A., Courtois, D., Thiebeaux, C., Kalite, S., Parvitte, B. Atmospheric laser heterodyne detection 70516
Delahaye, F., Witt, T.J., Jeckelmann, B., Jeanneret, B. Comparison of quantum Hall effect resistance standards of the OFMET and the BIPM 68955
Delahaye, J. *see* Braun, H. 89667
Delahaye, J.-P. *see* Dolbilov, G.V. 96490
Delahaye, J.-P. *see* Rivals, E. 90277
Delahaye, J.P. *see* Bossart, R. 89668
Delahoy, A.E., Britt, J.S., Gabor, A.M., Kiss, Z.J. Large-area, thin-film CIS deposition and module fabrication [solar cells] 112333
Delahoyde, F. *see* Muller, T.J. 70503
DeLaHunt, P. *see* Creamer, G. 80551
Delai Chen *see* Chen Delai
Delaiba, A.C., de Oliveira, J.C., Vilaca, A.L.A., Cardoso, J.R. The effect of harmonics on power transformers loss of life 102776
Delaire, J.A., Atassi, Y., Maltey, I., Nakatani, K. Photoassisted poling and photoswitching of second-order NLO properties of photochromes in polymers 116643
Delaire, J.A. *see* Nakatani, K. 85644
Delalande, C. *see* Deleporte, E. 62802
Delalandel, C. *see* Tignon, J. 63034
Delalut, U., Kosec, M. Influence of different lead precursors on microstructure of PZT thin films prepared by sol-gel processing 75026
DeLancey, W.M. *see* Scozzie, C.J. 82909
Delancy, W.M. *see* McGarrity, J.M. 95061
Delaney, A.H., Bresler, Y. A fast and accurate Fourier algorithm for iterative parallel-beam tomography 70002
Delaney, J.B. *see* Van Andrews, G. 93165
Delaney, M. *see* Long Tran 83463
Delaney, M. *see* Tran, L. 83442
Delaney, M. *see* Tran, L. 83453
Delaney, M. *see* Tran, L. 83481
Delaney, M. *see* Yi-Chi Shih 83519
Delaney, P.A. *see* Schoening, V.L. 120770
Delaney, W. *see* Branca, A. 97993
Delansay, P., Penninckx, D., Artigaud, S., Provost, J.-G., Hebert, J.-P., Boucherez, E., Emery, J.Y., Fortin, C., Le Gouezigou, O. 10 Gbit/s transmission over 90-127 km in the wavelength range 1530-1560 nm using an InP-based Mach-Zehnder modulator 109646
DeLapeyre, J. *see* Kelly, B. 67892
Delaporte, P. *see* Bernard, N. 65023
Delaporte, Ph. *see* Hofmann, Th. 107057
Delaporte, Ph. *see* Tassy, I. 107059
delaRama, F. *see* Yu, S. 89736
Delard, R. *see* Beteille, D. 110913
Delard, R. *see* Cai, G.G. 101456
Delarue, P., Six, J.-P., Ionescu, F., Bogus, C. New control method for active power filter 62011
Delarue, P. *see* Fodor, D. 71773

Delatte, M.L., Hibbard, D.L. Fabrication of a large aperture Beryllium telescope for space application 70450
Delaughe, B.A. *see* MaMullen, W.G. 88731
Delavaux, J.-M.P., Giles, C.R., Granlund, S.W., Chen, C.D. Repeatered bi-directional 10-Gbit/s 240-km fiber transmission experiment 68520
Delavaux, J.-M.P. *see* Feggeler, J.C. 88591
Delaveaud, Ch., Rousseau, F., Jecko, B. Two applications of a new kind of microstrip antennas 66058
Delaye, P., Jonathan, J.M.C., Pauliat, G., Roosen, G. Photorefractive materials: specifications relevant to applications 115979
Delaye, P. *see* De Montmorillon, L.-A. 96645
Delayen, J.R. *see* Merminga, L. 96462
Delbecque, F. *see* Adam, W. 69709
Delbecque, F. *see* Allen, D. 69741
Delboulbe, A. *see* Joubert, C. 89241
Delboulbe, A. *see* Loiseaux, B. 76302
Delebarre, C. *see* Demol, T. 111359
Deleganes, D.J. A high performance, low power Pentium processor 93427
Delen, N., Hooker, B. Optimization of laser-to-fiber coupling to maximize manufacturing yield 75656
DeLeone, J. *see* Koplowitz, J. 67028
DeLeone, J. *see* Koplowitz, J. 67099
Deleonibus, S., Heitzmann, M., Gobil, Y., Martin, F., Demolliens, O., Guibert, J.-C., Toffoli, A. Differential body effect analysis and optimization of the LArge Tilt Implanted Sloped Shallow Trench Isolation process (LATI-STI) 105546
Deleonibus, S., Martin, F., Guegan, G., Lerme, M., Tedesco, S., Reimbold, G. Atomic layer engineered-sealed interface local oxidation (ALE-SILO). 0.30 μm MOS devices isolation using a vacuum load-lock cluster vertical furnace 63292
Deleonibus, S., Martin, F., Kim, S.S., Emami, A., Florin, B., Heitzmann, M., Leroux, C. High pressure high temperature steam oxidation poly buffer LOCOS (HP-HTPBL) field isolation process for reduced encroachment and low stress 114906
Deleonibus, S. *see* Guegan, G. 63698
Delepaux, F., Pinsard, B., Renaud, D., Diez, H. Reflector synthesis for multifeed shaped beam antenna 66077
Deleporte, E., Lebihen, T., Delalande, C., Feuillet, G. Band offset determination in a CdTe/(Cd,Mn)Te separate confinement heterostructure 62802
Deleroi, W. *see* Rauta, A. 112627
Delesega, I. Electromagnetic contactor electric contacts disturbances 71592
Deleume, J.F. *see* Dufrenois, F. 108584
Deleva, A.D. *see* Peshev, Z.Y. 107420
Delevaque, E. *see* Landousies, B. 119138
Delevaque, E. *see* Quetel, L. 78775
Delevoye-Orsier, E. *see* Dentan, M. 90222
Delevoye-Orsier, E. *see* Dentan, M. 95214
Deley, M., Ramsey, C.C. Accurate placement of ball grid array packages 73873
Delfino, B., Denegri, G.B., Invernizzi, M., Morini, A. Enhancing flexibility of restoration guidelines through an integrated simulator-KB approach 101860
Delfino, B., Denegri, G.B., Invernizzi, M., Morini, A., Cima Bonini, E., Marconato, R., Scarpellini, P. Black-start and restoration of a part of the Italian HV network: modelling and simulation of a field test 101930
Delfino, L. *see* Cambiaso, A. 119754
Delfiore, G., Ziglioli, F., Signorelli, M. Microprocessor block systems for thermoelectric groups 102409
Delfrate, M.A., Lemaitre, J., Buscaglia, V., Leoni, M., Nanni, P. Slip casting of submicron $BaTiO_3$ produced by low-temperature aqueous synthesis 92956
Delfyett, P.J., Yusim, A., Grantham, S., Gabel, K., Gee, S., Richardson, M., Alphonse, G., Connolly, J. Ultrafast semiconductor laser diode seeded Cr:LiSAF regenerative amplifier system 96231
Delfyett, P.J. *see* Gee, S. 116489
Delfyett, P.J. *see* Mathason, B.K. 119151
Delgadillo, I. *see* Cruz-Orea, A. 83810
Delgado, A. Recent improvements in LiF:Mg,Ti and LiF:Mg,Cu,P based environmental dosimetry 110988
Delgado, A. *see* Budzanowski, M. 110993
Delgado, A. *see* Gomez Ros, J.M. 64904
Delgado, A. *see* Muniz, J.L. 120568
Delgado, G.F. Scanning properties of teflon lenses 66101
Delgado, G.F., Johansson, J.F. Quasi-optical LO injection in an imaging receiver: an electro-optical approach 68804
Delgado, G.F., Whyborn, N.D., Lindstrom, C.-O. A fixed-tuned 3 mm SIS mixer for the SISYFOS imaging system 68818
Delgado, H.J., Fausett, L.V. Parallel solution of a linear system using an SOR neural network 107749
Delgado, J., Ishii, N., Naito, K. An agent oriented paradigm for the design of complex systems: energy distribution automation, an application domain 102090
Delgado, J., Lacaci, M. Improvement of qualification test methods [telecommunication switching systems] 109310
Delgado, J.C. *see* Sanchez, F. 94728
Delgado, M., Sira-Ramirez, H. Modeling and simulation of switch regulated dc-to-dc power converters of the boost type 93123
Delgado, M.R.B.S. *see* Dias, A.V. 87046
Delgado, R.E. *see* LeBron Paige, A. 90533
Delgado de Nieto, M. *see* Sira-Ramirez, H. 61624
Delgado Leon, M.Z., Murari, C.A.F. An efficient method for calculation of electric field in three-core power cables 102159
Delgado-Frias, J.G. *see* Ming Zhang 113804
Delgado-Frias, J.G. *see* Partida, M.A. 83190
Delgado-Frias, J.G. *see* Wei Lin 72521
Delgado-Restituto, M., Ceballos-Caceres, J., Rodriguez-Vazquez, A. Current-mode piecewise-linear function generators 113806
Delgado-Restituto, M., Rodriguez-Vazquez, A., Linan, M. Experimental verification of chaotic encryption of audio using monolithic chaotic modulators 66542
Delgrange, O. *see* Rivals, E. 90277
Delgrossi, L. Resource reservation and media scaling techniques for multimedia communication 98886
Delgrossi, L., Lo Re, G. Communications over ATM: Optimizing the communication software 98495
Delgrossi, L. *see* Wolf, L.C. 118244
Delhaye, E. *see* Guttich, U. 88235
Delheij, P.P.J., Mantel, G., Sekachev, I. First test of the CHAOS polarized proton target 120098
Delheij, P.P.J. *see* Penttila, S.I. 120006
Delherm, C., Lavest, J.M., Dhome, M., Lapreste, J.T. Dense reconstruction by zooming 67300
Delhote, C. *see* Gaillard, D. 68541
D'Elia, U. *see* Coccioli, R. 97274
DeLiang Wang, Terman, D. Image segmentation by neural oscillator networks 108616
DeLiang Wang *see* Campbell, S. 62095
DeLiang Wang *see* Campbell, S. 104750
Delibasis, K.K., Undrill, P.E., Cameron, G.G. Genetic algorithm implementation of stack filter design for image restoration 90300
Delic, H. *see* Altinkaya, M.A. 117499
DeLieto, T. *see* Kukelhan, J. 94086
Deligianni, H. *see* Datta, M. 60636
Delignon, Y., Moreau, L., Clabaut, P. An eolian and marine phenomena characterization in dune sectors by image processing 111104
Delignon, Y. *see* Marzouki, A. 111139
Delin Sun *see* Hui Ma 64102
Delince, F. *see* Nicolet, A. 65640
DeLisio, M. *see* Rutledge, D. 83337
Delisle, D. *see* Bonjour, D. 87432
Delisle, D.E. *see* Sudhoff, S.D. 112117
Delisle, G.Y. Implementation of wideband indoor wireless systems at millimeter wave frequencies 97127
Delisle, G.Y., Talbi, L. Narrow and wideband measurements for millimeter waves PCS channel characterization 65861
Delisle, G.Y. *see* Marinier, P. 118783
Delisle, G.Y. *see* Tenoux, T. 68679
Delisle, V., Trutschel, U., Tremblay, H., Duguay, M.A., Lederer, F. High finesse wavelength selective coupler based on ARROWs 64884
DeLiso, E.M., Ryszytiwskyj, W.P., Foster, G.F., Raeder, B.H., Belscher, K.M. The impact on cleaning of surface interactions between LCD flat-panel-display glass and detergents 89449
Delivorias, P. *see* Chrusciel, R.W. 82241
Deliyannides, G. *see* Chen, L. 73607
Deliyannis, T., Haritantis, I., Alexiou, G., Psychalinos, C., Limperis, A., Layos, M. A new method for SC circuit synthesis based on the voltage inversion concept 73531
Dell, C. *see* Quenzer, H.J. 74943
Dell, G.F., Peggs, S. Simulation of the space charge effect in RHIC 89953
Dell, J.A. Sensors and instrumentation systems 72124
Dell, J.H. *see* Siliquini, J.F. 69150
Dell, J.M. *see* Fynn, K.A. 69151
Dell, R.M. Aqueous electrolyte batteries 102939
Della Chiesa, L. *see* Perron, L. 84410
Della Corte, F. *see* Cocorullo, G. 63611
Della Corte, F.G. *see* Cocurullo, G. 75553
della Porta, P. Gas problem and gettering in sealed-off vacuum devices 94165
Della Ricca, G. *see* Alvsvaag, S.J. 90124
Della Santa, A., De Rossi, D., Mazzoldi, A., Tiberi, M. Conducting polymer actuating structures for steerable microcatheters 120474
Della Santa, A., Mazzoldi, A., de Rossi, D. Steerable microcatheters actuated by embedded conducting polymer structures 101402
Della Santa, A., Mazzoldi, A., De Rossi, D., Frediani, A. Electromechanical characterisation and discrete modelling of conducting polymer actuators 113556
Della Torre, E., Eicke, J.G. Eddy currents calculations in micromagnetic problems 95376
Della Torre, E., Vajda, F. Vector hysteresis modeling for anisotropic recording media 64444
Della Torre, E., Vajda, F. Pulse duration dependence in a Preisach accommodation model 115798
Della Torre, E. *see* Kahler, G.R. 115834
Della Torre, E. *see* Lewis, D. 95338
Della Torre, E. *see* Vajda, F. 75094
Della Torre, E. *see* Vajda, F. 95378
Della Torre, E. *see* Vajda, F. 106484
Della Torre, E. *see* Zhenzhou Guo 64419
Della Torre, E. *see* Zhenzhou Guo 64445
Della Valle, F. *see* De Riva, A.M. 96579
Della-Negra, S. *see* Hakansson, P. 100775
Dellacasa, G. *see* Lundin, M. 69805
Dell'Acqua, S. *see* Agnesi, A. 75892
Dellagiovanna, M. *see* Lamberti, C. 84076
Dell'Amico, M., Labbe, M., Maffioli, F. Complexity of spanning tree problems with leaf-dependent objectives 60868
Dell'Amico, M., Martello, S. Open shop, satellite communication and a theorem by Egervary (1931) 67531
Dell'Aquila, A., Giliberti, V., Zanchetta, P. Comparison between the harmonic pollution produced by 6-pulse and 12-pulse fully controlled rectifiers 91650
Dell'Aquila, A., Lassandro, A., Zanchetta, P. An extended analysis of 6-pulse AC/DC converters taking account of commutation 121966
Dellepiane, S. *see* Smits, P.C. 111141
Delli Priscoli, F. Integration of satellites in the UMTS network 68206
Delli Priscoli, F. Smooth migration from the GSM system to UMTS for multimedia services 118581
Delli Priscoli, F. *see* Ananasso, F. 68260
Delli Priscoli, F. *see* Ananasso, F. 68262
Delli Priscoli, F. *see* Baiocchi, A. 88286
Dell'Isola, M. *see* Betta, G. 109980
Dell'Oro, T. Hubs and switches–growth triggers new sales channels 87685
Dell'Orso, M. *see* Belforte, S. 90230
Dell'Orso, M. *see* Belforte, S. 100984
Dell'Orso, R. *see* Mours, B. 100821
Dell'Orso, R. *see* Mours, B. 120196
Dell'Orso, R. *see* Wheadon, R. 100965
dell'Orto, T. *see* Almeida, J. 94572
dell'Orto, T. *see* Almeida, J. 114815
Delloue, J. *see* Six, M. 70487
Dellwo, J. *see* Alton, G.D. 90097
Dellwo, J. *see* Welton, R.F. 90072
Dellwo, S. *see* Sybille, G. 91089
Delly Oliveira, F., Galiana, F.D. A model for the planning of electric energy systems including exergetic considerations 70789
Delmaire, G., Cassar, J.-P., Staroswiecki, M. Comparison of generalized least square identification and parity space techniques for FDI purpose in SISO systems 72325
Delmas, A. *see* Saadi, M. 84778
Delmas, C., Faure, C., Gautier, L., Guerlou-Demourgues, L., Rougier, A. The nickel hydroxide electrode from the solid-state chemistry point of view 102947
Delmas, C. *see* Rougier, A. 71618
Delmas, J.J. *see* Cousin, P. 66083
Delmee, P.F.M. *see* Meddens, B.J.H. 71520
Delmerico, R.W. *see* Miller, N.W. 121414
Delmond, M., Billonnet, L., Jarry, B., Guillon, P. High-order monolithic active recursive filter based upon multicellular approach 83499
Delmond, M., Billonnet, L., Jarry, B., Guillon, P. Application of MMIC technology and new stability concept for recursive filter design 114063
Delmond, M. *see* Billonnet, L. 62306
Delmot, T. *see* Marichal, X. 86314
Delmotte, P. *see* Mas, P. 110469
DeLoach, L.D., Page, R.H., Wilke, G.D., Payne, S.A., Krupke, W.F. Transition metal-doped zinc chalcogenides: spectroscopy and laser demonstration of a new class of gain media 65346
DeLoach, L.D. *see* Marshall, C.D. 85246
DeLoach, L.D. *see* Page, R.H. 65166
DeLoach, L.D. *see* Schaffers, K.I. 65130
DeLoach, S. *see* Houser, R. 112691
Deloddere, D. *see* Carballal, D. 118649
Delodovici, M.L., Fowler, C.J. Clinical value of the pudendal somatosensory evoked potential 70146
Delogne, P., van Himbeeck, C. Interference of little LEO satellites on radioastronomy services. A case study 88794
Delogne, P. *see* Leduc, J.P. 78272
Deloizy, M. *see* Betin, F. 91798
Deloizy, M. *see* Depernet, D. 91799
DeLong, D.M. *see* Keogan, M.T. 80363
DeLong, K.W., Fittinghoff, D.N., Trebino, R. Practical issues in ultrashort-laser-pulse measurement using frequency-resolved optical gating 79736
DeLong, K.W. *see* Fittinghoff, D.N. 79739
Delong, K.W. *see* Krumbugel, M.A. 96599
DeLong, K.W. *see* Krumbugel, M.A. 100353
DeLong, K.W. *see* Ladera, C.L. 110411
Delong, K.W. *see* Luther-Davies, B. 116618
Delong, K.W. *see* Sullivan, A. 110413
DeLong, K.W. *see* Trebino, R. 69541
DeLong, K.W. *see* Tsang, T. 110416
Delong Zhang, Caihe Chen, Jiang Li, Guilan Ding, Xiaojun Chen, Yuming Cui A theoretical study of a Ti-diffused $Er:LiNbO_3$ waveguide laser 116420
DeLorenzi, A. *see* Maschio, A. 102873
Delorme, C. *see* Maafi, A. 71722
Delorme, F., Alibert, G., Landreau, J., Mathoorasing, D., Raffle, Y. Four-wavelength DBR laser arrays for WDM applications up to 5 Gbit/s 96402
Delorme, F., Grosmaire, S., Alibert, G., Rose, B., Ougazzaden, A. 4-wavelength DBR laser array fabricated with a single grating holographic exposure technique 85498
Delorme, F., Grosmaire, S., Alibert, G., Slempkes, S., Ougazzaden, A. Simple multiwavelength

device fabrication technique using a single-grating holographic exposure 76035
Delorme, F., Hourany, J., Nakajima, H., Kalonji, N., Semo, J., Billard, M., Lefevre, R. 12 wavelength channel fast switching operation of compact DBR laser modules including IC-drivers 109313
Delorme, F. *see* Delprat, D. 96424
Delorme, F. *see* Ougier, C. 96404
Delorme, N., Belleville, M., Chilo, J. Inductance and capacitance analytic formulas for VLSI interconnects 63894
Delorme, S., Frei, R., Joseph, C., Loude, J.F., Morel, C. Use of a neural network to exploit light division in a triangular scintillating crystal 69791
Delort, T., Maystre, D., Laude, J.P. Perfect blazing for transmission gratings: Generalization and numerical verification 116922
Delos, E. *see* Langrez, D. 62268
Deloughry, R. *see* Young, M. 100399
Delp, E.J. *see* Hsu, J. 119805
Delp, E.J. *see* Ke Shen 98352
Delp, S.L., Loan, J.P., Basdogan, C., Buchanan, T.S., Rosen, J.M. Surgical simulation: an emerging technology for military medical training 80430
Delpiano, F., Cinguino, P., Giuliani, G., Morello, G., Oliveti, G., Seano, V., Piccirillo, A. Packaged add-drop transparent node with a polarisation insensitive 1.5µm amplifier-modulator-detector 99461
Delpierre, P. *see* Dentan, M. 90222
Delpierre, P. *see* Dentan, M. 95214
Delplanque, Y., Huret, F., Kennis, P., Pribetich, P. Analysis of quasicomplex modes of boxed lossy planar lines for millimeter wave applications by the method of lines 65943
Delport, F., Zivanovic, R. The use of artificial neural networks in substation interlocking systems 102919
Delport, G.J., Lane, I.E. Electricity cost management in mining 103204
Delport, G.J., Lane, I.E. A simulation model for integrated mine energy systems planning 103209
Delport, G.J., Lane, I.E. Electricity cost management in mining 112648
Delport, G.J. *see* Lemmer, E.F. 103037
Delport, G.J. *see* Scherman, C.J. 102094
Delport, V. Codebook design in vector quantisation using a hybrid system of parallel simulated annealing and evolutionary selection 76776
Delprat, D., Silvestre, L., Ougazzaden, A., Delorme, F., Slempkes, S., Ramdane, A. Record tuning range of a 1.55 µm DBR laser realized by selective area growth 96424
Delprat, M., Evci, C.C. Advanced speech transmission techniques for GSM and beyond 109284
Delpy, D.T. *see* Kirkby, D.R. 69959
Delsanto, P.P. *see* Meja, P. 106749
Delsart, Ph. *see* Eyharts, Ph. 89740
Delsing, P. *see* Haviland, D.B. 95460
Delsing, P. *see* Pettersson, J. 74775
Deltoso, C., Joanblanq, C., Cand, M., Senn, P. Fast prototyping based on generic and synthesizable VHDL models. A case study: punctured Viterbi decoders 73057
Deluca, C.C., Mccarthy, D.F., Younger, M.E., Patterson, M.S. High-performance image capture and display system 97969
Delucchi, C. *see* Werner, M. 88405
DeLucia, D. *see* Obraczka, K. 87708
Deluen, J.-P. *see* Balhan, B. 79967
Delvaux, M. *see* Dieudonne, M. 78253
Delville, J.P. *see* Buil, S. 76202
Delyon, B. General results on the convergence of stochastic algorithms 103611
Delyon, B., Juditsky, A. On minimax wavelet estimators 108234
DeLyon, T.J. *see* Wu, O.K. 100113
DeLyser, R.R. Using Mathcad in electromagnetics education 60450
Delysse, S. *see* Nunzi, J.M. 85629
Demachi, K., Yoshida, Y., Asakura, H., Miya, K. Numerical analysis of magnetization processes in type II superconductors based on Ginzburg-Landau theory 64513
Demame, V., Michel, J.-B., Grisel, A. A one chip multisensor system for burners control 69362
Demange, D., Billard, M., Devaux, F., Lefevre, R. High-performance and low-consumption 10 Gb/s GaAs PHEMT driver for external modulation transmitter 88607
Demange, M., Paschos, V.Th. Constructive/non-constructive approximation and maximum independent set problem 103709
DeMara, R. *see* Mercer, R. 61867
DeMarco, J. *see* Strasser, T.A. 88633
DeMarco, J. *see* Sturzebecher, D. 86007
DeMarco, J. *see* Tsang-Der Ni 92252
DeMarco, L. *see* Mawst, L.J. 107295
DeMarco, W.T. *see* Banks, D.R. 92243
Demarest, K., Huang, Z., Plumb, R. An FDTD near- to far-zone transformation for scatterers buried in stratified grounds 99605
Demarest, K. *see* Gogineni, S. 60468
Demarest, K. *see* Huang, Z. 109762
Demarest, K.P. *see* Chaturvedi, P. 97040
Demarez, D.V., Gastellu-Etchegorry, J.P., Zagolski, F., Mougin, E., Marty, G., Dufrene, E., Le Dantec, V. Remote sensing spectrometry of a temperate deciduous forest–a modeling approach 120907
DeMaria, T. *see* Manzur, T. 107268
DeMars, S. *see* Balakrishnan, A. 96647
Demartin, M., Damjanovica, D. Dependence of the direct piezoelectric effect in coarse and fine grain barium titanate ceramics on dynamic and static pressure 64092
Demartin, M. *see* Damjanovic, D. 84684
Demartin, M. *see* Damjanovic, D. 95272
Demartini, G. *see* Baggini, L. 101998
Demazeau, Y. *see* Boissier, O. 67157
Dembeyiotis, S., Katevas, N., Konnis, G., Koutsouris, D., Pavlopoulos, S. An image processing and management system for radiology 111022
Dembovetskii, V.V. *see* Galushkin, M.G. 85366
Dembovetskii, V.V. *see* Galushkin, M.G. 107125
Dembovetsky, V.V., Zavalova, V.Ye., Zavalov, Yu.N. Fast-axial turbulent flow CO_2 laser output characteristics and scaling parameters 116368
Dembovetsky, V.V. *see* Galushkin, M.G. 107044
Dembovetsky, V.V. *see* Galushkin, M.G. 107045
Demchenko, O.N. *see* Kartashov, V.Ya. 67175
Demeechai, T. Linearly constrained block adaptive filtering algorithm with optimum convergence factors 76894
Demeester, L., Tang, C.S. Reducing cycle time at an IBM wafer fabrication facility 75219
Demeester, P. *see* Aherne, T. 76080
Demeester, P. *see* Bachus, E.-J. 78914
Demeester, P. *see* Berger, V. 82596
Demeester, P. *see* D'Hondt, M. 110154
Demeester, P. *see* Morf, T. 84470
Demeester, P. *see* Morf, T. 106242
Demeester, P. *see* Spiekman, L.H. 78883
Demeester, P. *see* Struyve, K. 77628
Demeester, P. *see* Vanderbauwhede, W. 64737
Demeester, P. *see* Vanderbauwhede, W. 99598
Demeester, P. *see* Vanwassenhove, L. 96046
Demeester, P. *see* Wauters, N. 78728
Demeester, P. *see* Wei, C. 95725
Demelio, G., Galantucci, L.M., Grimaldi, A., Nappi, E., Posa, F., Valentino, V. Evaluation of the deflections in the radiator vessel of the ALICE RICH array using numerical methods 69742
Demenicis, L. *see* Gomes, A.S.L. 116678
Demenicis, L.S. *see* Drummond, M.A.G. 99542
Demenko, A. Movement simulation in finite element analysis of electric machine dynamics 71255
Demenko, A. Newton-Raphson algorithm for simultaneous solution of FE and mechanical equations in analysis of electric machine dynamics 102638
Demenko, A. *see* Nowak, L. 76343
Demenko, A. *see* Szelag, W. 81428
Demenkov, V.G., Zhuravlev, B.V. Automatic offset-correction system for a nanosecond time-interval meter [for TOF neutron spectroscopy] 90237
Demenkov, V.G., Zhuravlev, B.V., Lychagin, A.A. A multichannel device measuring time intervals in nanosecond range 80127
Dement'ev, A. *see* Buzelis, R. 107439
Dement'ev, A.P. *see* Ratnov, A.G. 61398
Dement'ev, D.A., Matveets, Yu.A., Serov, O.B., Smolovich, A.M., Chekalin, S.V. Recording of the interference of counterpropagating femtosecond laser pulses 65572
Dement'ev, D.B. *see* Babich, V.M. 65762
DeMenthon, D.F. *see* Oberkampf, D. 67412
Dementyev, A.V., Sobolevsky, N.M., Stavissky, Yu.Ya. Neutron yield from extended lead target under incident protons of 0.1 to 100 GeV 90105
Demerdash, N.A. *see* Arkadan, A.A. 103093
Demerdash, N.A.O. *see* Arkadan, A.A. 64478
Demerdash, N.A.O. *see* Deng, E. 71272
Demerdash, N.A.O. *see* Deng, E. 71273
Demery, D.A. *see* Gilchrist, P. 99316
Demesmaeker, E. *see* Nijs, J. 103004
Demeter, E., Cistelecan, M., Stanciu, V., Nitigus, V. The growth of the induction motors energetic efficiency–an acute necessity 81435
Demeter, E. *see* Cistelecan, M. 121947
Demeter, E. *see* Eastham, J.F. 102746
Demeter, E. *see* Hantila, F. 104256
Demeter, M.L. High density micro-interconnects 114383
Demetrescu, C. A general solution of the second-order difference equation occurring in diffraction theory 76382
Demetriades, G.M., Williams, A.A., Smith, N.P.A. A simplified propeller turbine runner design for stand alone micro-hydro power generation units 91379
Demeulenaere, B., Baets, R., Lenstra, D. Quantum electrodynamical theory and modeling of light emission in vertical cavity devices 96035
Demeulenaere, B., De Zutter, D., Baets, R. Rigorous electromagnetic study of diffraction loss in VCSEL mirrors 107328
Demeulenaere, B. *see* Visser, T.D. 64754
Demeure, A. *see* Jourdan, J. 108252
Demeure, L. *see* Tarot, A.C. 66029
Demiao Yao *see* Shunlian Chai 116999
Demichelis, F., Giorgis, F., Pirri, C.F. Compositional and structural analysis of hydrogenated amorphous silicon-nitrogen alloys prepared by plasma-enhanced chemical vapour deposition 92912
Demichelis, F., Giorgis, F., Pirri, C.F., Tresso, E. Thermal stability of a-$Si_{1-x}C_x$:H films grown by PECVD with different gas sources 92931
Demichelis, F. *see* Fathallah, M. 94405
Demichelis, F. *see* Giorgis, F. 92841
Demichelis, F. *see* Rava, P. 113490
Demichelis, V. Quasi-interpolatory splines based on Schoenberg points 103726
Demidenko, S., Ivanyukovich, A., Makhist, L., Piuri, V. Error masking in compact testing based on the Hamming code and its modifications 61770
Demidov, D.M. *see* Chaly, V.P. 96241
Demidovich, G.B. *see* Demidovich, V.M. 114847
Demidovich, V.M., Demidovich, G.B., Karib'yants, V.R., Karib'yants, N.S., Kozlov, S.P. Electrophysical properties of a germanium/"active"-electrolyte system 114847
Demin, A. *see* Antonucci, V. 81867
Demin Tu *see* Yongchang Zhu 64047
Demin Tu *see* Yongchang Zhu 84679
Demin Tu *see* Tu Demin
Deming Chen, Colwell, R., Gelman, H., Chrysanthis, P.K., Mosse, D. A framework for experimenting with QoS for multimedia services 87897
Deming Liu, Jager, D. Fiber-optic field sensor using the multiple-quantum-well Fabry-Perot cavity reflection modulators 69222
Deming Wu *see* Kan Zhang 119207
Deming Wu *see* Wu Deming
Deming Xu *see* Xiangying Wu 114183
Demir, A., Liu, E.W.Y., Sangiovanni-Vincentelli, A.L. Time-domain non-Monte Carlo noise simulation for nonlinear dynamic circuits with arbitrary excitations 73071
Demir, A., Sangiovanni-Vincentelli, A.L. Simulation and modeling of phase noise in open-loop oscillators 113801
Demir, A. *see* Rus, B. 116314
Demir, A. *see* Zeitoun, Ph. 75781
Demir, A. *see* Zhang, J. 96102
Demirchyan, K.S., Florovsky, K.L., Gusev, G.G., Panchenko, R.K., Nemov, Yu.N., Novikov, B.S. The compensation of reactive power of ozonizers 97007
Demirel, H. *see* Yucel, H. 69847
Demirer, M. *see* Cirig-Tregear, T. 90393
Demirliogiu, E. *see* El-Diwany, M. 63967
Demirtjis, A. *see* Petr, D.W. 67530
Demitriou, M.A. *see* Banks, H.T. 89581
Demizu, Y. *see* Tanaka, T. 72940
Demizu, Y. *see* Yamaguchi, T. 113411
Demizu, Y. *see* Yamamoto, Y. 113501
Demjanenko, V. Implementation of a full-featured modem using a dual-port memory interface 88004
Demko, J.A. *see* Datksov, V.I. 100427
Demkov, M.G. Interaction of an operator and a recognition device in forming templates of spoken words 66581
Demm, E. *see* Lipp, S. 113475
Demma, F.J. *see* Currie, N.C. 119722
Demmer, M. *see* Tasker, P.J. 62290
Demmerle, W. *see* Gornik, E. 62872
Demmler, M., Tasker, P.J., Leckey, J.G., Schlechtweg, M. The determination of the transistor dynamic I-V characteristic from large signal RF measurements 93846
Demmler, M., Tasker, P.J., Schlechtweg, M. A vector corrected high power on-wafer measurement system with a frequency range for the higher harmonics up to 40 GHz 62294
Demokan, M.S. *see* Zhao, Y. 78661
Demokan, S. *see* Paul Kai Yiu Ko 119703
Demol, T., Blanquet, P., Delebarre, C. Lamb waves generation using a flat multi-element array device 111359
Demoli, N. Feasibility estimate of correlation filters in the presence of noise 67069
Demoli, N. Feasibility estimate of correlation filters 86900
Demoli, N., Dahms, U., Gruber, H., Wernicke, G. Use of a multifunctional extended optical correlator for cuneiform inscription analysis 77393
Demoli, N. *see* Gruber, H. 86901
Demolliens, O. *see* Deleonibus, S. 105546
Demoment, G. *see* Herment, A. 101298
Demont, P. *see* Teyssedre, G. 84673
DeMora, J.M. *see* Anderl, R.A. 104251
Demos, A. *see* Shih, A.H. 79620
Demos, S.G., Calistru, D.M., Alfano, R.R. Phonon participation in ultrafast nonradiative processes in Cr:Mg_2SiO_4 laser crystal 107191
Demos, S.G., Savage, H., Heerdt, A.S., Schantz, S., Alfano, R.R. Polarization preservation gate–a tool for optical mammography 120382
DeMoss, T.B. Boiler life extension requires accurate condition assessment 71134
DeMoss, T.B. They're he-e-re (almost): the 60% efficient combined cycle 102485
DeMoss, T.B. Modern technology breathes new life into old turbines 121370
Demoto, T. *see* Tatematsu, Y. 122092
Demoulias, C.S., Dokopoulos, P. Electrical transients of wind turbines in a small power grid 111866
Demoulin, B. *see* Briquet, P. 97178
Dempe, S., Schmidt, H. On an algorithm solving two-level programming problems with nonunique lower level solutions 113166
Dempsey, G. *see* Escalona, O. 110831
Dempsey, G.L., Alig, J.S., Redfield, D.E. Using analog neutral networks for control sensor linearization 73612
Dempsey, J. *see* Koenen, M. 100875
Dempsey, L., Heijne, M. Scientific information supply–building networked information systems 98757

Dempsey, N.M. *see* Muller, K.-H. 64265
Dempster, A.G., Macleod, M.D. Variation of FIR filter complexity with order 83216
Dempster, R.J. *see* Attili, J.B. 108651
Dempster, R.J. *see* Blackman, S.S. 111414
Dems, M., Komeza, K., Wiak, S. Computation of rotor windings power losses in squirrel-cage induction motor 81467
Demski, W., Szymanski, G. Calculation of the tangential components of the magnetic field strength from vector potentials for 3D 76342
Demski, W., Szymanski, G. Comparison of the force computation using vector and scalar potential for 3D 107751
Demus, D., Goto, Y., Sawada, S., Nakagawa, E., Saito, H., Tarao, R. Trifluorinated liquid crystals for TFT displays 85133
Dem'yanenko, D.V. *see* Syt'ko, V.V. 79700
Den, S. *see* O'Keeffe, P. 114982
den Akker, H.E.A.Van *see* Van den Akker, H.E.A.
Den Baars, S.P. *see* Keller, S. 72783
den Beer, W. *see* Young Byun 63707
Den Bempt, L.Van *see* Van Den Bempt, L.
den Berg, A.van *see* van den Berg, A.
den Berg, H.A.M.van *see* van den Berg, H.A.M.
den Berg, J.L.van *see* van den Berg, J.L.
den Berg, M.L.van *see* van den Berg, M.L.
den Berg, N.van *see* van den Berg, N.
den Bergh, P.Van *see* Van den Bergh, P.
Den Boer, W. *see* Larimer, J. 100197
Den Boer, W. *see* Young Hee Byun 63659
den Bogaart, F.L.M.Van *see* Van den Bogaart, F.L.M.
den Bogert, A.J.van *see* van den Bogert, A.J.
den Boggende, A.J.F. *see* van den Berg, M.L. 106054
den Boom, H.P.A.van *see* van den Boom, H.P.A.
Den Bos, A.Van *see* Van Den Bos, A.
den Bosch, G.Van *see* Van den Bosch, G.
den Bosch, S.van *see* van den Bosch, S.
Den Bossche, N.Van *see* Van Den Bossche, N.
Den Braembussche, P.Van *see* Van Den Braembussche, P
den Brand, J.F.J.Van *see* Van den Brand, J.F.J.
den Branden Lambrecht, C.J.van *see* van den Branden Lambrecht, C.J.
Den Brink, M.Van *see* Van Den Brink, M.
den Brinker, A.C. Optimality conditions for a specific class of truncated Kautz series 97810
den Brinker, A.C. *see* Belt, H.J.W. 117421
den Broeck, T.Van *see* Van den Broeck, T.
den Broecke, J.A.van *see* van den Broecke, J.A.
den Broek, C.van *see* van den Broek, C.
den Bulck, P.Van *see* Van den Bulck, P.
den Dekker, A.J. Model-based optical resolution 108593
Den Durpel, L.Van *see* Van Den Durpel, L.
den Eeden, A.L.G.van *see* van den Eeden, A.L.G.
den Elsen, P.A.van *see* van den Elsen, P.A.
den Elshout, F.Van *see* Van den Elshout, F.
den Hartog, J., ten Kate, T., Gerbrands, J. Knowledge-based segmentation for automatic map interpretation 67488
Den Hartog, P. *see* Trakhtenberg, E. 100431
den Hauvel, H.van *see* van den Hauvel, H.
den Herder, J.W. *see* van den Berg, M.L. 106054
den Herik, H.J.van *see* van den Herik, H.J.
den Heuvel, F.van *see* van den Heuvel, F.
den Heuvel, R.A.van *see* van den Heuvel, R.A.
den Hove, L.Van *see* Van den Hove, L.
den Hoven, G.N.van *see* van den Hoven, G.N.
Den Hoven, S.Van *see* Van Den Hoven, S.
Den Jie, Chen Shaoying, Luo Changan Millimetre-wave train hearing alarm 78983
den Meerendonk, H.van *see* van den Meerendonk, H.
den Nouweland, A.Van *see* Van den Nouweland, A.
den Poel, C.J.Van *see* Van den Poel, C.J.
den Torren, L.Van *see* Van den Torren, L.
Denat, A. *see* McCluskey, F.M.J. 106307
Denbaars, S.P. *see* Holmes, A.L., Jr. 94508
DenBaars, S.P. *see* Hu, E.L. 94808
DenBaars, S.P. *see* Jan, Y.-H. 109618
DenBaars, S.P. *see* Parikh, P.A. 84611
DenBaars, S.P. *see* Qiu, C.H. 94357
Denbaars, S.P. *see* Shealy, J.B. 115250
Denbaars, S.P. *see* Wu, Y.-F. 104829
Denbaars, S.P. *see* Wu, Y.-F. 106078
Denbeaux, G., Straub, K.D., Madey, J.M.J., O'Shea, P.G., Litvinenko, V., Szarmes, E., Barnett, G. Picosecond pump-probe using an FEL and a synchrotron source 107398
Denceux, T. *see* Trautmann, T. 80676
Dendrinos, M., Bakamidis, S. Voice activity detection in coloured-noise environment through singular value decomposition 97592
Denegri, G.B. *see* Delfino, B. 101860
Denegri, G.B. *see* Delfino, B. 101930
Denekamp, J. *see* Rojas, A. 90588
Denes, L.J., Grace, R., Purta, D.A., Guzman, A.M. Assessment of driver vision enhancement technologies 69278
Denes, P. *see* Peigneux, J.P. 120164
Denesuk, M., Uhlmann, D.R. Site-saturation model for the optical efficiency of tungsten oxide-based devices 121839
Deneuville, A. *see* Fontaine, F. 83806
Deneva, M., Stoykova, E., Nenchev, M. A novel technique for a narrow line selection and wideband tuning of Ti:Al_2O_3 and dye lasers 65404
Deng, C., Sigmon, T.W., Giust, G.K., Wu, J.C., Wybourne, M.N. Novel scheme to fabricate SiGe nanowires using pulsed ultraviolet laser induced epitaxy 92701
Deng, C., Sigmon, T.W., Wu, J.C., Wybourne, M.N. Surface evolution in a pulsed laser induced epitaxy process of submicron SiGe wires 113300
Deng, C., Sigmon, T.W., Wu, J.C., Wybourne, M.N., Rack, J. Formation and characterization of ultrasmall dimension GeSi wire structure by using pulsed laser-induced epitaxy 72809
Deng, C., Wu, J.C., Rack, J., Sigmon, T.W., Wybourne, M.N. Fabrication of ultra-small dimension $Si_{1-x}Ge_x$ wires in Si using pulsed laser induced epitaxy 83955
Deng, C. *see* Barbero, C.J. 105448
Deng, C.Z. *see* Striebel, K.A. 72900
Deng, C.Z. *see* Striebel, K.A. 112282
Deng, D. *see* Mackay, W.W. 89986
Deng, D.-P. *see* Wei, J. 89880
Deng, D.P. *see* Rose, J. 100506
Deng, D.P. *see* Rose, J. 100673
Deng, E., Demerdash, N.A.O. A coupled finite-element state-space approach for synchronous generators. I. model development 71272
Deng, E., Demerdash, N.A.O., Vaidya, J.G., Shah, M.J. A coupled finite-element state-space approach for synchronous generators. II. Applications 71273
Deng, F. *see* Moon-Ho Park 105446
Deng, F. *see* Wang, L.C. 63100
Deng, F. *see* Wong, W.S. 103879
Deng, G. Grey scale image representation using binary sketch image 67040
Deng, H., Deppe, D.G. Oxide-confined vertical-cavity laser with additional etched void confinement 65216
Deng, H., Hackam, R. Hydrophobic property of XLPE filled with calcium carbonate 115434
Deng, H., Hackam, R., Cherney, E.A. Low molecular weight silicone fluid content and diffusion in RTV silicone rubber coating 64126
Deng, H. *see* Huffaker, D.L. 85524
Deng, H. *see* Oh, T.-H. 114932
Deng, L. Transiems as dynamically defined, subphonemic units of speech: A computational model 66597
Deng, L. Radar target recognition with fractal technology 109731
Deng, L., Garrett, W.R., Payne, M.G., Lee, D.Z. Observation of a critical concentration in laser-induced transparency and multiphoton excitation and ionization in rubidium 96614
Deng, L., Sameti, H. Transitional speech units and their representation by regressive Markov states: applications to speech recognition 86152
Deng, Q.J. *see* Gan, Y.P. 72285
Deng, R.H., Li Gong, Lazar, A.A. Securing data transfer in asynchronous transfer mode networks 78053
Deng, R.H., Li Gong, Lazar, A.A., Weiguo Wang Authenticated key distribution and secure broadcast using no conventional encryption: a unified approach based on block codes 76765
Deng, R.H. *see* Yuan Xing Lee 117199
Deng, W. *see* Iyengar, S.S. 98327
Deng, W.W. *sec* Way, W.I. 119200
Deng, X., Palko, S., Jokinen, T., Ritchie, E. Rotor faults analysis of induction motors by dynamic model and finite element method 91538
Deng, X. *see* Izu, M. 112359
Deng, X. *see* Sopori, B.L. 94289
Deng, X.M. *see* Wen, G.J. 85557
Deng Bo *see* Bo Deng
Deng Daoqun *see* Daoqun Deng
Deng Fang *see* Fang Deng
Deng Fei *see* Fei Deng
Deng Guanghua *see* Guanghua Deng
Deng Haiming *see* Haiming Deng
Deng Hong *see* Hong Deng
Deng I-Chung *see* I-Chung Deng
Deng Jiachun *see* Jiachun Deng
Deng Jiajun *see* Wang Huacen 120038
Deng Jianjun *see* Ding Bainan 76061
Deng Jianjun *see* Xhu Dajun 62541
Deng Jianjun *see* Zhang Enguan 114530
Deng Jie *see* Ge Jialong 78337
Deng Jingchuan, Wang Kuixiang, Xu Weiqing A simplified apparatus for EPR imaging 79235
Deng Jiun-Shiou *see* Jiun-Shiou Deng
Deng Julong *see* Yang Jianhua 113155
Deng Jun *see* Jun Deng
Deng Junhong *see* Vilathgamuwa, M. 121619
Deng Ning *see* Guo De-Kun 118168
Deng Peizhen *see* Dai Jianming 75871
Deng Shuang *see* Shuang Deng
Deng Tianquan *see* Tianquan Deng
Deng Tingzhang *see* Tingzhang Deng
Deng Wanhong *see* Wanhong Deng
Deng Weian *see* Weian Deng
Deng Wen *see* Wen Deng
Deng Wenyong *see* Wenyong Deng
Deng Xiancan, Feng Chunyang, Sun Guoen, Luo Jianjun GaAs MESFET large-signal transient simulation 83409
Deng Xiaohua *see* Xiaohua Deng
Deng Xinmin *see* Shi Yan 108239
Deng Yan *see* Yan Deng
Deng Yanmao *see* Xue Fangshi 62233
Deng Yanmao *see* Xue Fangshi 62285
Deng Yanmao *see* Yanmao Deng
Deng Youman, Zhan Borning, Wang Hongpu A comprehensive optimization algorithm for distribution network reconfiguration and capacitor switching 111596
Deng Youman, Zhang Boming, Tian Tian A fictitious load algorithm and its applications to distribution network dynamic optimization 121105
Deng Yuanhua *see* Yuanhua Deng
Deng Yuankai *see* Zhou Huaichun 121359
Deng Zhibing *see* Zhibing Deng
Deng-Guey Juang *see* Jih-Guang Lai 65129
Deng-Guo Feng, Bin Liu, Guo-Zhen Xiao The degeneration and linear structures of multi-valued logical function 66431
Dengel, D., Fischer, H. Confidence intervals for out-of-specification 92291
Dengguo Feng *see* Feng Dengguo
Dengi, A. *see* Krauter, B. 84557
Dengler, J., Bernhardt, C., Biersack, E., Eurecom, I. Deterministic admission control strategies in video servers with variable bit rate streams 78211
Dengler, K., Feser, K., Kohler, W., Richter, B. Pulse-degradation of MO-arresters 81167
Dengler, R.J. *see* Lee, T.-H. 83369
Dengler, R.J. *see* Mehdi, I. 83368
Dengler, R.J. *see* Stimson, P.A. 68809
Dengming Xiao *see* Xiao Dengming
Denham, J.W. *see* Kron, T. 120578
Denham, J.W. *see* Ostwald, P.M. 120577
Deniau, S. *see* Kildemo, M. 72889
Denicolo, I. *see* Roman, L.S. 96041
Dening, D.C. *see* Shalkhauser, K.A. 93894
Denis, J.-M. *see* Palmans, H. 80510
Denis, R.St. *see* St. Denis, R.
Denis Markiewicz, W. *see* Eyssa, Y.M. 96983
Denisenki, O.I. *see* Bukharovich, A.M. 90583
Denisenko, A. *see* Werner, M. 83972
Denisenko, A.B. *see* Popovici, G. 84090
Denisenko, M.Y. *see* Kornienko, A.A. 116611
Denisenko, S.G. *see* Bogdanov, A.G. 63730
Denisenko, V.I. *see* Pulnikov, A.A. 71261
Denison, D.R., Barbour, J.C., Burkhart, J.H. Low dielectric constant, fluorine-doped SiO_2 for intermetal dielectric 84678
Denison, D.R., Blank, M., Chu, T.S., Harper, B., Hogge, J.-P., Kreischer, K.E., Lorbeck, J.A., Temkin, R.J., Vernon, R.J. Design, simulation, and experimental results of a 110 GHz high-power gyrotron mode converter 105034
Denisov, A. *see* David, G. 80077
Denisov, A. *see* David, G. 100863
Denisov, A.G., Radzikhovsky, V.N., Kudeliya, A.M. High-performance passive microwave survey on Josephson Junctions 115953
Denisov, A.G. *see* Belikov, S.V. 120187
Denisov, E.E. Simulation of fluid dynamics on the basis of electrical methods 102339
Denisov, G.G., Lukovnikov, D.A., Kasparek, W., Wagner, D. On the resonant scattering at guide dielectric windows [vacuum microwave devices] 74071
Denisov, G.G., Lukovnikov, D.A., Samsonov, S.V. Resonant reflectors for free electron masers 65009
Denisov, G.G. *see* Bratman, V.L. 96081
Denisov, G.G. *see* Bratman, V.L. 107030
Denisov, G.G. *see* Peskov, N.Yu. 96083
Denisov, V.I. Prospects for development and use of radionavigation systems 109822
Denisov, V.I., Drogaitsev, V.M., Kurlanov, A.D., Zhuravlev, A.A., Silant'ev, Yu.N., Semenenko, G.E. Radionavigation space systems in plans for the twenty-first century 109825
Denisova, N.V., Pikalov, V.V., Balandin, A.L. Modified maximum entropy method in plasma tomography 98198
Denisyuk, I.Yu. Depositing the transport-thermoplastic layer of photothermoplastic materials by means of electrostatic spraying 61319
Denisyuk, Y.N., Ganzherli, N.M., Savostyanenko, N.A. 3-D imaging by means of a reference-free selectogram recorded in a thick-layered light-sensitive material 96784
Denisyuk, Yu.N. Projection of a three-dimensional image of a scene, using a matrix of aspects of the scene focused at points 89213
Denisyuk, Yu.N., Ganzherli, N.M., Maurer, I.A. Recording of deep three-dimensional holograms in gel-like layers of dichromated gelatin 96815
Denisyuk, Yu.N., Savost'yanenko, N.A. Three-dimensional imaging by means of a reference-free selectogram recorded in a thick-layered medium 107625
Denk, G. Efficient simulation of a quartz oscillator circuit 93179
Denk, H., Vogt, E. A highly reliable LPI HF communications system for mobile applications 99149
Denk, W. *see* Svoboda, K. 120306
Denker, A. *see* Sitti, M. 67153
Dennard, R.H. *see* Williams, T.W. 74834
Dennehy, W. Economics of quality system planning: Contract number ERBCIPACT931549 92094
Denner, J.M. *see* Siegel, E.L. 111015
Dennett, J.Temple *see* Temple Dennett, J.
Dennis, B.S. *see* Lockwood, D.J. 62996
Dennis, B.S. *see* Plaut, A.S. 62987
Dennis, K. *see* Murtuza, M. 61929
Dennis, K.W. *see* Branagan, D.J. 64472

Dennis, M.L., Arend, M.F., Duling, I.N., III Soliton loop mirror demultiplexer using orthogonally polarized signal and control 78936
Dennis, M.L., Duling, I.N., III, Arend, M.F. Soliton loop mirror demultiplexer with polarization-multiplexed signal and control 88504
Dennis, M.L. *see* Arend, M.F. 75498
Dennis, M.L. *see* Reddy, K.V. 65104
Dennis, R.J. *see* Vilcheck, W.S. 91971
Dennison, M.I. *see* Long, C. 98691
Denniston, D. *see* Goldsmith, C. 95220
Denno, S., Saito, Y. Fast channel impulse response estimation scheme for adaptive maximum likelihood sequence estimation equalizer: Proposal of variable-gain least mean square algorithm 99123
Denny, T.F., Muller, V. On the reduction of composed relations from the number field sieve 103766
Deno, K. *see* Kawata, K. 81137
Denoix, J.M. *see* Degueurce, C. 88861
Denorme, S., Bousetta, H., Chantre, A., Vincent, G., Mouis, M. Demonstration of enhanced base diffusion due to extrinsic base implantations in submicron, polysilicon-emitter, epitaxial base bipolar transistors 84330
Denorme, S. *see* Fornara, P. 84320
Denos, M. *see* O'Neill, M. 77204
Denschlag, H.O. *see* Mauerhofer, E. 69885
Densley, J. *see* Eager, G.S. 121176
Densley, J. *see* Montanari, G.C. 91176
Densmore, A.C., Huang, J. Mobile satcom antenna developments and experimental results of land- and aeronautical-mobile field trials 88174
Denson, D. How the Department of the Navy translates space support requirements into program plans 90878
Dent, J.C. *see* Reeves, M. 89563
Dent, P. Multi-channel digital demodulators for cordless communications 83004
Dent, P. *see* Rydbeck, N. 118875
Dentai, A.G. *see* Finzi, D. 65177
Dentai, A.G. *see* Murtaza, S.S. 116238
Dentan, M., Abbon, P., Borgeaud, P., Delagnes, E., Fourches, N., Lachartre, D., Lugiez, F., Paul, B., Rouger, M., Truche, R., Blanc, J.P., Leroux, C., Delevoye-Orsier, E., Pelloie, J.L., de Pontcharra, J., Flament, O., Guebbard, J., Leray, J.L., Montaron, J., Musseau, O., Vitez, A., Blanquart, L., Aubert, J.J., Bonzom, V., Delpierre, P., Habrard, M.C., Mekkaoui, A., Potheau, R., Ardelean, J., Hrisoho, A., Breton, D. DMILL, a mixed analog-digital radiation-hard BICMOS technology for high energy physics electronics 95214
Dentan, M., Abbon, P., Delagnes, E., Fourches, N., Lachartre, D., Lugiez, F., Paul, B., Rouger, M., Truche, R., Blanc, J.P., Leroux, C., Delevoye-Orsier, E., Pelloie, J.L., de Pontcharra, J., Flament, O., Guebhard, J.M., Leray, J.L., Montaron, J., Musseau, O., Vitez, A., Blanquart, L., Aubert, J.J., Bonzom, V., Delpierre, P., Habrard, M.C., Mekkaoui, A., Potheau, R., Ardelean, J., Hrisoho, A., Breton, D. DMILL, a mixed analog-digital radiation-hard BICMOS technology for high energy physics electronics 90222
Dente, G.C., Tilton, M.L., Bossert, D.J., Wright, M.W. Time-dependent modelling of the MFA-MOPA 96246
Dente, G.C. *see* Meyer, J.R. 65259
Dente, G.C. *see* Ongstad, A.P. 107307
Dente, J.A., Mendes, R.V., Lambert, A., Lima, R. The bi-orthogonal decomposition in image processing: Signal analysis and texture segmentation 67063
Denton, D.D. *see* Jaafar, M.A.S. 63450
Denton, H., Grynkewich, G., Ilderem, V., Lin, F., Parris, P., Shin, H.C. Process-induced charge damage in PETEOS for interlevel dielectric applications 105644
Denton, I.C., Jr. Using desktop video teleconferencing over ISDN for telemedical interaction, including CPR sharing 98814
Denton, J.P., Neudeck, G.W. Fully depleted dual-gated thin-film SOI P-MOSFETs fabricated in SOI islands with an isolated buried polysilicon backgate 115213
Denton, J.P. *see* Neudeck, G.W. 92683
Denton, J.P. *see* Sherman, J.M. 63412
Denton, R. *see* Smith, E.F., III 62411
Denyer, C.W. *see* Shi, Y. 101358
Denyer, H.T. *see* Greenwald, S.E. 110802
Denys, P., Birks, A., Cross, P., Powell, J., Burki, B. Transponder altimetry: precise height measurements over land 70446
Denzler, J., Niemann, H. Evaluating the performance of active contour models for real-time object tracking 86849
Denzler, J., Niemann, H. 3D data driven prediction for active contour models based on geometric bounding volumes 117736
Deo, M.S. *see* Patwardhan, A.A. 112133
Deodhar, R.P., Staton, D.A., Jahns, T.M., Miller, T.J.E. Prediction of cogging torque using the flux-MMF diagram technique 71258
Deodhar, R.P., Staton, D.A., Miller, T.J.E. Flux-MMF diagram: a technique for analysis and comparative evaluation of electric machines 81405
Deodhar, R.P., Staton, D.A., Miller, T.J.E. Modelling of skew using the flux-MMF diagram 111895
Deog-Kyoon Jeong *see* Yong Moon 61812
Deog-Kyoon Jeong *see* Yong Moon 93280
Deok Bae Hyeon *see* Hyeon Deok Bae
Deok Lee Chae *see* Chae Deok Lee
Deok Sim Eun *see* Eun Deok Sim
Deok-Joo Lee *see* Hyung-Sik Oh 118199
Deok-Woo Kim *see* Jung Woo Park 87782
Deokar, R.B. *see* Sapatnekar, S.S. 113888
de'Oliveira, A.G. *see* Correa F, J.A. 62764
Deorari, A.K. *see* Paul, V.K. 110874
Deosthali, P. *see* Houmin Yan 60565
Dep, L. *see* Mueller, K.A. 79787
Deparis, C. *see* Mesrine, M. 72805
Deparis, J.P. *see* Khoudour, L. 66895
Deparis, J.P. *see* Khoudour, L. 86886
Deparis, O., Megret, P., Decreton, M., Blondel, M. Evolution of the 660 nm radiation induced band in a low OH low Cl optical fibre 85023
Deparis, O., Megret, P., Decreton, M., Blondel, M. The radiation-induced absorption band at 600 nm and its impact in fibroscopy 106813
Depas, M., Heyns, M.M., Mertens, P.W. Soft breakdown of ultra-thin gate oxide layers 95176
Depas, M., Nigam, T., Heyns, M.M. Soft breakdown of ultra-thin gate oxide layers 105486
Depas, M., Vermeire, B., Heyns, M.M. Breakdown and defect generation in ultrathin gate oxide 84046
Depedis, D. *see* Di Capua, E. 110598
Depedis, D. *see* Martellotti, G. 80122
Depernet, D., Deloizy, M., Goeldel, C. Minimisation of torque ripple in induction motor driven by three level PWM inverters 91799
Depero, L.E. *see* Sberveglieri, G. 72886
DePersia, A.T. *see* Winter, E.M. 108555
DePersia, T. *see* Balcerak, R. 100004
Depeursinge, C. *see* Conde, R. 64670
Depiero, F., Trivedi, M., Serbin, S. Graph matching using a direct classification of node attendance 67459
DePietro, R. *see* Conley, W. 105758
DePietro, S.M. *see* Cannon, M.F. 81327
Depollier, C. *see* Ouahabi, A. 110052
Depovere, G. *see* Bachus, E.-J. 78914
Depovere, G.F.G. *see* Kruger, U. 68462
DePoyster, M.R., Hoying, J.F., Majeed, K.N. Rapid prototyping of chassis control systems 118439
Deppe, D.G. *see* Deng, H. 65216
Deppe, D.G. *see* Huffaker, D.L. 76032
Deppe, D.G. *see* Huffaker, D.L. 85524
Deppe, D.G. *see* Huffaker, D.L. 103433
Deppe, D.G. *see* Oh, T.-H. 114932
Deppe, G. *see* Shu, Q.S. 100497
Deppert, K. *see* Omling, P. 83935
Deppner, F., Gennart, B., Hersch, R.D. A probabilistic multi-cycle model for serving continuous streams from disks 99797
Deprettere, E. *see* Kapteijn, P. 99663
Deprettere, E.F. *see* Lemma, A.N. 83245
DePuydt, J.M. *see* Wu, B.J. 61220
Deqing Yang *see* Yang Deqing
Der, L. *see* Brown, J.E.C. 104716
Der, R. *see* Kovacs, S. 113159
Der, S., Mirelli, V., Nguyen, D., Wang, L.-C. Analysis of probe methodologies for target recognition 119266
der Beek, M.H.E.van *see* van der Beek, M.H.E.
der Berg, M.van *see* van der Berg, M.
der Burg, W.J.Van *see* Van der Burg, W.J.
der Burgt, M.van *see* van der Burgt, M.
Der Does, T.Van *see* Van Der Does, T.
der Drift, E.van *see* van der Drift, E.
der Drift, E.W.J.M.van *see* van der Drift, E.W.J.M.
der Eems, B.van *see* van der Eems, B.
der Gaast, H.A.van *see* van der Gaast, H.A.
der Geer, C.A.J.van *see* van der Geer, C.A.J.
der Geer, C.van *see* van der Geer, C.
der Geer, G.van *see* van der Geer, G.
der Giessen, P.-H.van *see* van der Giessen, P.-H.
Der Goes, F.M.L.Van *see* Van Der Goes, F.M.L.
der Graaf, A.van *see* van der Graaf, A.
der Graaf, W.A.van *see* van der Graaf, W.A.
Der Gracht, J.Van *see* Van Der Gracht, J.
der Green, S.van *see* van der Green, S.
der Hage, R.J.van *see* van der Hage, R.J.
der Hart, A.van *see* van der Hart, A.
der Heide, F.Meyer auf *see* Meyer auf der Heide, F.
Der Heiden, M.S.Van *see* Van Der Heiden, M.S.
Der Heiden, R.Van *see* Van Der Heiden, R.
der Heijde, G.L.van *see* van der Heijde, G.L.
der Heijden, G.W.A.M.Van *see* Van der Heijden, G.W.A.M.
der Hel, W.van *see* van der Hel, W.
der Heyden, M.J.van *see* van der Heyden, M.J.
Der Hofstad, G.L.A.Van *see* Van Der Hofstad, G.L.A.
der Horn, G.van *see* van der Horn, G.
der Horst, R.van *see* van der Horst, R.
der Houwen, P.J.Van *see* Van der Houwen, P.J.
der Keur, P.van *see* van der Keur, P.
Der Kloet, R.Van *see* Van Der Kloet, R.
der Koijk, J.F.van *see* van der Koijk, J.F.
der Kooij, M.W.A.van *see* van der Kooij, M.W.A.
der Kouwe, A.J.W.van *see* van der Kouwe, A.J.W.
der Laan, J.van *see* van der Laan, J.
der Laan, P.Van *see* Van der Laan, P.
der Linde, H.A.van *see* van der Linde, H.A.
der Linden, F.X.van *see* van der Linden, F.X.
Der Linden, G.M.van *see* van Der Linden, G.M.
der Linden, M.van *see* van der Linden, M.
der Loos, M.Van *see* Van der Loos, M.
der Malsburg, C.von *see* von der Malsburg, C.
Der Meer, A.F.G.Van *see* Van Der Meer, A.F.G.
der Meer, F.van *see* van der Meer, F.
der Meer, P.J.van *see* van der Meer, P.J.
der Mei, R.D.Van *see* Van der Mei, R.D.
der Meijs, N.P.van *see* van der Meijs, N.P.
Der Merwe, D.G.Van *see* Van Der Merwe, D.G.
Der Merwe, E.F.Van *see* Van Der Merwe, E.F.
Der Merwe, F.S.Van *see* Van Der Merwe, F.S.
der Merwe, I.van *see* van der Merwe, I.
der Mullen, J.A.M.van *see* van der Mullen, J.A.M.
der Pas, R.van *see* van der Pas, R.
der Perre, L.van *see* van der Perre, L.
der Plaats, J.C.van *see* van der Plaats, J.C.
der Plas, G.Van *see* Van der Plas, G.
der Plicht, J.van *see* van der Plicht, J.
der Ploeg, A.Van *see* Van der Ploeg, A.
der Poel, C.J.van *see* van der Poel, C.J.
der Pol, E.van *see* van der Pol, E.
der Pol, J.A.van *see* van der Pol, J.A.
der Pol, J.van *see* van der Pol, J.
der Poorten, A.J.van *see* van der Poorten, A.J.
der Puije, P.D.van *see* van der Puije, P.D.
der Put, E.J.E.van *see* van der Put, E.J.E.
Der Schoot, H.Van *see* Van Der Schoot, H.
der Sluis, L.van *see* van der Sluis, L.
Der Spuy. O.Van *see* Van Der Spuy, O.
der Steen, A.F.W.van *see* van der Steen, A.F.W.
der Steen, H.J.L.Van *see* Van der Steen, H.J.L.
der Tol, J.J.G.M.van *see* van der Tol, J.J.G.M.
der Vaart, N.C.van *see* van der Vaart, N.C.
der Veen, A.-J.van *see* van der Veen, A.-J.
der Veen, J.F.van *see* van der Veen, J.F.
Der Vleuten, R.J.Van *see* Van Der Vleuten, R.J.
der Vlies, M.C.van *see* van der Vlies, M.C.
der Vlist, A.van *see* van der Vlist, A.
der Vlugt, M.van *see* van der Vlugt, M.
der Vorst, A.Van *see* Van der Vorst, A.
Der Vorst, C.P.J.M.Van *see* Van Der Vorst, C.P.J.M.
der Vorst, C.van *see* van der Vorst, C.
der Vorst, H.A.Van *see* Van der Vorst, H.A.
der Vorst, R.van *see* van der Vorst, R.
der Wal, G.van *see* van der Wal, G.
der Wal, M.Van *see* Van der Wal, M.
der Wall, E.E.Van *see* Van der Wall, E.E.
Der Walt, P.W.Van *see* Van Der Walt, P.W.
Der Weg, W.F.Van *see* Van Der Weg, W.F.
der Weid, J.P.von *see* von der Weid, J.P.
der Weijde, P.J.van *see* van der Weijde, P.J.
der Wel, W.van *see* van der Wel, W.
der Weld, J.P.von *see* von der Weld, J.P.
der Werf, D.van *see* van der Werf, D.
der Westhuizen, M.J.van *see* van der Westhuizen, M.J.
Der Westhuizen, P.Van *see* Van Der Westhuizen, P.
der Wiel, M.J.van *see* van der Wiel, M.J.
der Wijk, F.van *see* van der Wijk, F.
der Woerd, A.C.Van *see* Van der Woerd, A.C.
der Wonde, L.H.V.van *see* van der Wonde, L.H.V.
der Zaag, P.J.van *see* van der Zaag, P.J.
der Zanden, K.Van *see* Van der Zanden, K.
der Zant, H.S.J.van *see* van der Zant, H.S.J.
Der Zel, G.L.Van *see* Van Der Zel, G.L.
der Zel, V.M.Van *see* Van der Zel, V.M.
der Ziel, J.P.van *see* van der Ziel, J.P.
der Zwan, E.J.van *see* van der Zwan, E.J.
Der-Cherng Liu *see* Chien-Ping Lee 61175
Der-Chin Su *see* Jen-Tsorng Chang 76289
Der-Feng Guo Characteristics of bulk-barrier switching devices with InGaAs-GaAs delta-doped quantum wells 94537
Der-Feng Guo *see* Wen-Chau Liu 63829
Der-Ray Huang *see* Donyau Chiang 64483
Der-San Chen *see* Wang, P.P. 82473
Der-Shan Luo *see* Case, J.A. 101097
Der-Shan Luo *see* Tin-Su Pan 80230
Der-Wei Tu *see* De Lisio, M.P. 93791
Der-Woei Wu A high-efficiency HBT cellular power amplifier with integrated matching networks 82977
Der-Yuh Lin, Chi-Feng Li, Ying-Sheng Huang Temperature dependence of quantized states in a GaAs/Al$_{0.23}$Ga$_{0.77}$As asymmetric triangular quantum well heterostructure 94496
Der-Zheng Liu, Che-Ho Wei A digital timing recovery scheme for TDMA digital mobile radio 109569
DeRaad, L.L. *see* Holliday, D. 65761
Deram, I. *see* Burns, D. 105911
Deramecourt, P., Faure, C., Thual, L. High bitrate local network interconnection solutions 87716
D'Erasmo, G. *see* Agnello, M. 110583
Derbel, N. *see* Djemel, M. 81423
Derbenev, Ya.S. RF-resonance beam polarimeter 119998
Derbenev, Ya.S. *see* Caussyn, D.D. 119984
Derbenev, Ya.S. *see* Crandell, D.A. 100780
Derbenev, Ya.S. *see* Phelps, R.A. 119990
Derber, J.C. *see* Passi, R.M. 97661
Derby, J.H. Comments on "On the design of pole-zero approximations using a logarithmic error measure" 77041
Derby, S. *see* Fidan, I. 73886
Deregel, J. *see* Ball, J. 120096
Derek Yeo *see* Mingjyue Huang 115735
Deren Lu *see* Lu Deren
Deren Wang *see* Wang Deren
Derenbach, H. Network management for heterogeneous transport networks 108962

Derenchuk, V., Belov, A., Brown, R., Collins, J., Sowinski, J., Stephenson, E., Wedekind, M. Polarized ion source operation at IUCF 120079
Derenchuk, V., Brown, R., Petri, H., Stephenson, E., Wedekind, M. Emittance measurements of the high intensity polarized ion source at IUCF 90093
Derenchuk, V. *see* Liu, J.Y. 89882
Derenchuk, V.P., Mendez, A.J., Clegg, T.B. The IUCF/TUNL spin-filter polarimeter 120091
Derencourt, D. A three-word code which is not prefix-suffix composed 108134
Dereniak, E.L. *see* Anton, R.C. 69177
Dereniak, E.L. *see* Barber, H.B. 101212
Dereniak, E.L. *see* Marks, D.G. 80353
Dereniak, E.L. *see* Marks, D.G. 101240
Dereski, M.O. *see* Chopp, M. 120510
Deretta, G. *see* Cortelazzo, G. 67029
Dereux, A. *see* Diatezua, D.M. 75675
Dereux, A. *see* Vigneron, J.-P. 97047
Derevyankin, G.E. *see* Belov, A.S. 120076
Derevyankin, G.E. *see* Dudnikov, V.G. 69689
Derevyanko, W.A. *see* Bezrodnyi, V.I. 65406
Derewonko, H., Bosella, A., Pataut, G., Perie, D., Pinsard, J.L., Sentubery, C., Verbeck, C., Bressy, P., Augier, P. Evaluation of GaAs low noise and power MMIC technologies to neutron, ionizing dose and dose rate effects 73813
Derewonko, H., Bosella, A., Pataut, G., Perie, D., Pinsard, J.L., Sentuberry, C., Verbeck, C., Bressy, P., Augier, P. Evaluation of GaAs low noise and power MMIC technologies to neutron, ionizing dose and dose rate effects 104875
Dergachev, A., Kudryavtsev, A., Mirov, S., McCracken, M. Detection of hepatitis B surface protein by means of laser spectroscopy 70100
Dergunova, E.A. *see* Pantsyrnyi, V.I. 95566
Dergunova, N.V. *see* Fesenko, E.G. 106312
Deri, L. Surfin' network resources across the Web 98706
Deri, R.J. *see* Yang, L. 95697
Derian, D.J., Grace, M.I. Teamwork results in wireless ATE system solution 93617
Derian, D.J. *see* Banish, B.J. 83252
Derian, E.J. *see* Chowdhury, A. 103436
Derian, E.J. *see* Guenin, B.M. 103438
Deriche, R., Kornprobst, P., Aubert, G. Optical-flow estimation while preserving its discontinuities: a variational approach 86839
Deriche, R. *see* Nielsen, M. 67279
Deriche, R. *see* Robert, L. 67255
Deriche, R. *see* Zang, Z. 98144
Derick, G.R. *see* Hecht, H.M. 82047
Derickson, D. Measurement advances for high speed semiconductor laser sources 109612
Derieux, A. *see* Zerrouk, B. 98515
Derijcke, C. *see* Candry, P. 89432
Derin Haluk *see* Haluk Derin
Derkach, V.M., Pojedinchuk, A.E., Vertiy, A.A., Shestopalov, V.P. Electromagnetic fields interaction in complex resonance structures 65973
Derkach, V.N., Vertiy, A.A. Multichannel and retunable barrel-shaped open resonators at microwave 73642
Derkach, V.N., Vertiy, A.A., Shestopalov, V.P. Millimeter wave antenna with a scanning beam 66087
Derkatch, V.N., Vertiy, A.A. Quasi-optical Fourier scatterometer 76909
Derks, M. *see* Baur, T. 89238
Derksen, C.P., Piwowar, J.M., LeDrew, E.F. The quantification of sea ice melt features from low level-aerial photographs 111261
Dermatas, E., Kokkinakis, G. Algorithm for clustering continuous density HMM by recognition error 66591
Dermler, G., Fiederer, W., Barth, I., Rothermel, K. A negotiation and resource reservation protocol (NRP) for configurable multimedia applications 98450
Dermott, B.T. *see* Khan, M.A. 84466
Derneryd, A. *see* Wettergren, J. 97386
Derobert, X. *see* Belkebir, K. 61505
Derory, E. *see* Balocco, D. 120633
DeRosa, F. *see* Bogaerts, R. 83889
DeRosa, F. *see* Etemad, S. 78795
Derosier, R.M. *see* Chraplyvy, A.R. 99580
Derosier, R.M. *see* Eiselt, M. 85016
Derosier, R.M. *see* Gnauck, A.H. 88643
Derouin, E. *see* Hornung, V. 96062
Derouin, E. *see* Plais, A. 107318
Derov, J.S. *see* Herd, J.S. 97357
Derr, F. *see* Pauluhn, U. 109623
Derrick, A., McCourt, M. Experimental verification of design loads of small wind turbines for stand-alone power generation 102554
Derrick, A. *see* Ravey, I. 102561
Derrick, J. *see* Linington, P.F. 118405
d'Errico, F., Alberts, W.G., Dietz, E., Gualdrini, G., Kurkdjian, J., Noccioni, P., Siebert, B.R.L. Neutron ambient dosimetry with superheated drop (bubble) detectors 110966
d'Errico, F. *see* Fattibene, P. 120574
Derrien, J., Berbezier, I., Ronda, A., Natoli, J.Y. Interface phase transition as observed in ultra thin $FeSi_2$ epilayers 64990
Derrien, J. *see* Gallas, B. 103969
Derrien, J. *see* Motta, N. 113325
Dershowitz, A. *see* Lind, A.T. 70373
Dervenis, J. *see* Plevridis, S.E. 69074
Dervis, E.Ali *see* Ali Dervis, E.
Dervos, C.T. *see* Moronis, A.X. 64038
Deryagin, A.G., Kuchinskii, V.I., Sokolovskii, G.S. Relaxation oscillations in InGaAsP/InP (λ=1.55 μm) heterolasers with a saturable absorber 75915
Derycke, I. *see* Vigneron, J.-P. 97047
Deryn Chu, Walker, C., Gilman, S. The effect of Ru on unsupported Pt-Ru alloys for methanol electro-oxidation at different temperatures [fuel cell electrodes] 112319
Deryugin, Yu.N. *see* Adamenkov, A.A. 116321
Derzakowski, K., Abramowicz, A. Accurate method for measurement of ferrite substrates 119846
Derzon, M.S., Chandler, G.A., Dukart, R.J., Johnson, D.J., Leeper, R.J., Mehlhom, T.A., Moats, A.R., Ruiz, C.L., Stark, M.A., Torres, J.A., Barber, T.L. Soft X-ray emission results of cylindrical ion-driven hohlraum experiments at PBFA II 69645
Derzon, M.S. *see* Barber, T.L. 69646
Derzon, M.S. *see* Moats, A.R. 69642
Desai, C.F. *see* Naik, P.G. 105482
Desai, M. *see* KeChang Wang 113632
Desai, M. *see* Muhlbauer, T.C. 80577
Desai, M.P., Cvijetic, R., Jensen, J. Sizing of clock distribution networks for high performance CPU chips 83151
Desai, M.P., Yen, Y.T. A systematic technique for verifying critical path delays in a 300 MHz Alpha CPU design using circuit simulation 82844
Desai, P.V. *see* Thornhill, L.D. 116836
Desai, R., Shah, D.T. Electromagnetic fields: can't live without them, can't live with them 107738
Desaki, Y. *see* Kasami, T. 66294
Desalvo, G. *see* Dettmer, R. 93804
DeSalvo, G. *see* Jenkins, T. 74704
DeSalvo, L. *see* Hemmer, P.R. 107041
DeSalvo, R., Said, A.A., Hagan, D.J., Van Stryland, E.W., Sheik-Bahae, M. Infrared to ultraviolet measurements of two-photon absorption and n_2 in wide bandgap solids 96639
DeSalvo, R. *see* Lundin, M. 69805
Desan, P. *see* Sarbu, A. 68360
Desanlis, T. *see* Abbes, M. 90145
DeSantis, J. *see* Bashir, R. 63902
DeSarno, M. *see* Shi, J. 105647
Desavouret, E. *see* Harding, D.J. 89795
Desavouret, E. *see* Harding, D.J. 89796
Desbat, L. Efficient sampling in 3D tomography: parallel schemes 80301
Desbat, L. *see* Bouchard, V. 70065
Desbiens, P. *see* Garant, E. 101702
Desbiens, P. *see* Okapuu-von Veh, A. 102927
Desbois, J. *see* Hode, J.M. 104670
Desbois, M. *see* Stubenrauch, C.J. 90801
Descamps, D. *see* Gamache, C. 96175
Descamps, F., Feltin, L. A new model to assess the composite adequacy and the operating costs of large interconnected power systems 101872
Descamps, P.T., Wilson, F. Adapting CATV broadcast networks for broadband interactive symmetrical services 119466
Descamps, P.T. *see* Wilson, F. 119468
Desch, M.D. *see* Kaiser, M.L. 97129
Deschacht, D., Dabrin, C., Auvergne, D. Delay propagation effect in transistor gates 93261
Deschamps, A. *see* Beaudin, G. 79100
Deschamps, A. *see* Courboulex, F. 90750
Deschamps, F., Hutzler, B., Lambrozo, J. Electric and magnetic fields and health 90626
Deschamps, J.-P. *see* Martinez Torre, J.I. 113897
Deschamps, J.L. Recent developments and results in color-plasma-display technology 89298
Deschamps, M. *see* Audoin, B. 119892
Deschamps, M. *see* Yazami, R. 81673
Deschaux-Beaume, M. *see* Bruniquel, J. 111088
DeSchepper, D. *see* Kramer, L.H. 120084
Descleves, C. Analog behavioral model accounts for VCO's internal state 104271
Desclos, L. *see* Floc'h, J.M. 66120
Desclos, L. *see* Maruhashi, K. 93905
Desclos, L. *see* Pouliguen, P. 65796
Desclos, L. *see* Pouliguen, P. 78961
Descour, M.R. *see* Sweatt, W.C. 96835
Deseilligny, M.P. *see* Mariani, R. 80609
Deseilligny, P., Le Men, H., Stamon, G. Automatic strings interpretation on scanned maps 86613
Desen Zhu *see* Zhu Desen
Desfarges, A., Kermene, V., Colombeau, B., Froehly, C., Vampouille, M. Multiple-beam, spatially mode-locked photorefractive oscillator 76179
Desfarges, A. *see* Barthelemy, A. 65389
Desfarges, A. *see* Kermene, V. 76084
Desgardin, G. Microwave heating of functional ceramics with a high permittivity of a significant electrical conductivity 72960
Desgardin, G. *see* Cherradi, A. 72962
Desgardin, G. *see* Kokabi, H.R. 93945
Desgardin, P., Ntsoenzok, E., Barbot, J.F., Briaud, J., Vernois, J., Isabelle, D.B. Beam scanning system for the uniformity of implanted doses in a large area 94708
Desgardin, P. *see* Ntsoenzok, E. 74097
Desgardin, P. *see* Ntsoenzok, E. 105832
Desgranges, C. *see* Massmann, P. 110526
DeShazer, L.G. *see* Kennedy, C.J. 70078
Desheng Cui *see* Yangxian Li 83820
Desheng Jiang *see* Baoquan Sun 83958
Desheng Jiang *see* Yaohui Zhang 62852
Desheng Li *see* Shida, K. 99915
Desheng Li *see* Li Desheng
Deshler, T. *see* Froidevaux, L. 120781
Deshler, T. *see* Lambert, A. 120778
Deshmukh, L.P., More, B.M., Rotti, C.B., Garadkar, K.M., Sutrave, D.S. A study of $Pb_xCd_{1-x}S$ based photoelectrochemical cells 112177
Deshmukh, L.P., More, B.M., Rotti, C.B., Shahane, G.S. Polycrystalline n-$Pb_xCd_{1-x}S$ mixed electrodes for photoelectrochemical (PEC) solar cells 105526
Deshmukh, L.P., Shahane, G.S., Rotti, C.B., Holikatti, S.G., Hankare, P.P. Studies on chemically deposited $CdS_{1-x}Se_x$ thin films 104081
Deshmukh, L.P., Sutrave, D.S., More, B.M., Rotti, C.B., Garadkar, K.M. Chemical deposition of $CuBiS_2$ thin films 104082
Deshmukh, L.P. *see* Sutrave, D.S. 83887
Deshmukh, R.D. *see* Baldwin, D.F. 82274
Deshmukh, R.G. *see* Farroha, B.S. 104613
Deshmukh, S.C., Aydil, E.S. Investigation of low temperature SiO_2 plasma enhanced chemical vapor deposition 61378
Deshpande, M.D., Reddy, C.J., Beck, F.B., Cockrell, C.R. Application of modal expansion and method of moments to study electromagnetic scattering from a rectangular cavity recessed in a three-dimensional conducting surface 116857
Deshpande, M.D. *see* Reddy, C.J. 108057
Deshpande, M.D. *see* Reddy, C.J. 117028
Deshpande, M.R., Huber, J.L., Dekker, N.H., Kozodoy, P., Sleight, J.W., Reed, M.A., Fernando, C.L., Frensley, W.R., Matyi, R.J., Kao, Y.C. 3-D to 0-D single electron tunneling through bound states of donor impurities in resonant tunneling heterostructures 63811
Deshpande, M.R. *see* Macks, L.D. 105356
Deshpande, S.G., Chaudhuri, S. Estimation of illuminant motion 87077
Deshpande, S.V., Dupule, J.L., Gulari, E. Filament-activated chemical vapour deposition of nitride thin films 61414
Deshpande, S.V. *see* Lu, J. 116132
Deshpande, V., Doradla, S.R. A detailed study of losses in the reduced voltage resonant DC link inverter topology 112091
Deshpande, V., Doradla, S.R. A critical evaluation of the DC link current with different DPM schemes–a comparative study 112103
Deshu Chen *see* Chen Deshu
Desideri, U. *see* Bidini, G. 91375
deSilva, C.J.S. *see* Poh Lian Choong 110875
Desilva, M., Shacham-Diamand, Y., Seave, R., Han-suk Kim High aspect ratio microtunnel technique to empirically model electroless deposition 63973
Desilvio, M. *see* Malhotra, M.K. 103389
DeSimio, M.P., Anderson, T.R., Westerkamp, J.J. Phoneme recognition with a model of binaural hearing 66587
DeSimio, M.P. *see* Zahirniak, D.R. 92424
DeSimone, A., Doshi, B.T., Dravida, S., Ji, H. Traffic management and priority control in an ATM testbed 108951
DeSimone, A. *see* Mooi Choo Chuah 77737
Desiraju, R., Hua-Ming Wang, Sanders, J.L. Performance analysis of a new electroplating line configuration with a linear induction motor based material mover 102680
DeSisto, W.J., Snow, E.S., Vold, C.L. Metalorganic chemical vapor deposition of YBCO thin films on (100) MgO 64518
Desjardins, L. *see* Lewandowski, J. 77347
Desjardins, P. *see* Ababou, Y. 114605
Desjardins, R. *see* Fiset, R. 120890
Desjarlais, M.P. *see* Cuneo, M.E. 69683
Desjarlais, M.P. *see* Johnson, D.J. 69636
Desjarlais, M.P. *see* Mehlhorn, T.A. 69637
Desjarlais, M.P. *see* Menge, P.R. 120122
Desjarlais, M.P. *see* Pointon, T.D. 110525
Deslandes, J. *see* Welsby, K. 67724
Deslattes, R.D., Kessler, E.G., Jr. Challenges to opto-mechanical design from X-ray interferometry and gamma-ray diffraction 68968
Deslattes, R.D. *see* Chantler, C.T. 90453
Deslattes, R.D. *see* Hudson, L.T. 120388
Desmaison, J. *see* Regnier, C. 61339
Desmedt, Y. Extending Reed-Solomon codes to modules 66494
Desmedt, Y. Simmons' protocol is not free of subliminal channels 87451
Desmond, C.A., Mlcak, R., Franz, D. Fabrication of a high-sensitivity pressure sensor with nitride membranes and single crystal piezoresistors using wafer bond and etch back 69099
Desmons, M. *see* Chehab, R. 89714
Desmulliez, M.P.Y. *see* Dines, J.A.B. 85196
Desmulliez, M.P.Y. *see* Taghizadeh, M.R. 85337
Desmulliez, M.P.Y. *see* Walker, A.C. 85336
Desmulliez, M.P.Y. *see* Wherrett, B.S. 116156
Desnos, Y.-L. *see* Mancini, P. 120734
Desnos, Y.L. *see* Mittermayer, J. 120713
Desodt, G., Muller, D., Puzenat, D. OSCAR, a simulation environment dedicated to the design and performance assessment of radar systems 68682
Desodt, G. *see* Milan, J.M. 68663
Desogus, S. *see* Picotto, G.B. 69078
Desogus, S. *see* Picotto, G.B. 79334
Desoppere, E. *see* Toebaert, D. 96111
Desormeaux, L., Szwarc, V., Lodge, J. A high speed, real-to-quadrature converter with filtering and decimation 93485
Despax, B. *see* Caquineau, H. 92823
Despax, B. *see* Messaoudi, R. 115408
Despe, O. *see* Frachon, D. 101001

Despins, C.L. *see* Aridhi, S. 68287
Despins, C.L. *see* Liu, D. 88092
Desportes, H. *see* Baze, J.M. 90186
Desportes, H. *see* Kircher, F. 95567
Despotis, D.K. Fractional minmax goal programming: a unified approach to priority estimation and preference analysis in MCDM 82402
Despretz, D., Camart, J.-C., Michel, C., Fabre, J.-J., Prevost, B., Sozanski, J.-P., Chive, M. Microwave prostatic hyperthermia: interest of urethral and rectal applicators combination–theoretical study and animal experimental results 120491
Despretz, D., Camart, J.C., Pribetich, J., Chive, M. Design and modeling using the FDTD method of a new generation of applicators realized from coaxial antennas for microwave hyperthermia 101422
Despretz, D. *see* Camart, J.-C. 120497
Despretz, D. *see* Cresson, P.-Y. 70206
Despujols, A. *see* Jacquot, J.P. 71068
Desrousseaux, I. *see* Driad, R. 84331
Dessaint, L.-A. *see* Amor, L.B. 102658
Dessard, V. *see* Colinge, J.P. 105980
Dessel, M.Van *see* Van Dessel, M.
Dessemond, L. *see* Kleitz, M. 81803
Dessenne, F. *see* Thobel, J.L. 94463
Dessimoz, J.D. *see* Rahali, F. 89057
Dessouky, K. *see* Asawa, M. 88251
Desta, Y.M., Murphy, M.C., Madou, M., Hines, J. Integrated optical bench for a CO_2 gas sensor 79593
Destefan, D.E. Calibration and testing facility for resistance welding current monitors 71942
Destefanis, G. Optoelectronic components 99517
Destler, W.W. *see* Cheng, S. 65008
Destler, W.W. *see* Cheng, S. 79860
Destler, W.W. *see* Cheng, S. 96501
Destler, W.W. *see* Lawson, W. 62605
Destler, W.W. *see* Lawson, W. 62614
Destler, W.W. *see* Lawson, W. 105044
Destler, W.W. *see* Levush, B. 105079
Destler, W.W. *see* Shiqiu Cheng 107369
Destri, G. *see* Adorni, G. 117794
Desu, S.B., Vijay, D.P., Zhang, X., BaoPing He Oriented growth of $SrBi_2Ta_2O_9$ ferroelectric thin films 104146
Desu, S.B. *see* Jones, R.E., Jr. 93395
Desu, S.B. *see* Joshi, P.C. 95283
Desu, S.B. *see* Khan, A.R. 75023
Desu, S.B. *see* Lee, J.J. 64074
Desurvire, E. Undersea soliton transmission systems : key issues and challenges 68363
Desurvire, E., Hamaide, J.-P., Brun, E. Solitons in long-haul communications systems 78694
Desurvire, E. *see* Bigo, S. 85668
Desurvire, E. *see* Bigo, S. 116634
Desurvire, E. *see* Brun-Maunand, E. 68500
Desurvire, E. *see* Leclerc, O. 78649
Desurvire, E. *see* Pitel, F. 119180
Desvignes, J.M. *see* Guillot, M. 75156
Desvignes, M. *see* Revenu, M. 69994
Detchprohm, T., Kuroda, T., Hiramatsu, K., Sawaki, N., Goto, H. The selective growth in hydride vapor phase epitaxy of GaN 104064
Detchprohm, T. *see* Kaneda, N. 63245
Detering, M., Langemeyer, A., Kons, L. New possibilities of regulation of running-water power station chains 121394
Detering, M., Langemeyer, A., Kons, L., Ritterbach, E. Chain reaction [hydroelectric power plants] 121384
Deters, R. *see* Lehmann, A. 108938
Detian Li *see* Li Detian
DeTienne, D.H., Gray, G.R., Agrawal, G.P., Lenstra, D. Semiconductor laser coupled to a finite-response time phase-conjugate mirror 96367
Detlefsen, J. *see* Norbert, K. 68660
Detlefsen, W. *see* Bhandal, A. 99113
Detlefsen, W. *see* Buchs, J.D. 118773
DeTreville, J.D. *see* Stoller, S.D. 118215
Dets, O.V. *see* Kamuz, A.M. 107259
Dets, S.M. *see* Kamuz, A.M. 107259
Dettmer, H. *see* Bauer, F. 105910
Dettmer, R. Conjugal lights [electrically active polymers] 89357
Dettmer, R., Jenkins, T., Barrette, J., Bozada, C., Desalvo, G., Ebel, J., Gillespie, J., Havasy, C., Ito, C., Nakano, K., Pettiford, C., Quach, T., Sewell, J., Via, D., Anholt, R. Effect of device layout on the thermal resistance of high-power thermally-shunted heterojunction bipolar transistors 93804
Dettmer, R. *see* Anholt, R. 74698
Dettmer, R. *see* Jenkins, T. 74704
Detvai, A. *see* Ljikar, M. 99014
Deufel, M. *see* Gebhardt, W. 74196
Deufel, M. *see* Kastner, M.J. 74178
Deug Ju Lee, Nam Kim, Kwon Yeon Lee, Jae Jeong Eun Design and implementation of pixelated phase gratings for optical image generation 106874
Deug-Ju Lee, Nam Kim, Seok-Ho Song, Ho-Hyung Suh Optical routing system consisted of spatial-light-modulator and kinoform phase gratings 95866
Deuk Kim Jong *see* Jong Deuk Kim
Deuk Kim Seong *see* Seong Deuk Kim
Deuk-Gi Min, Yong-Seok Cho, Ki-Heon Park Design of the power system stabilizer using H_2 and H_∞ control methods 101917
Deumie, C., Giovannini, H., Amra, C. Ellipsometry of light scattering from multilayer coatings 119900
Deumie, C., Richier, R., Dumas, P., Amra, C. Multiscale roughness in optical multilayers: atomic force microscopy and light scattering 116185
Deura, M., Nara, Y., Yamazaki, T., Gotoh, K., Ohtake, F., Kurata, H., Sugii, T. Deep-submicron CMOS technologies for low-power and high-performance operation 84593
Deura, M. *see* Sugii, T. 95187
Deuschl, G. *see* Rosler, K.M. 90544
D'Eustacchio, P. *see* Peroni, M. 114622
Deutsch, A., Surovic, C.W., Lanzetta, A.P., Ainspan, H.A., Abbiate, J.-C., Viehbeck, A., Hedrick, J.C., Shaw, J.M., Tisdale, S.L., Foster, E.F., Coteus, P.W. Broadband characterization of low dielectric constant and low dielectric loss CYTUF cyanate ester printed circuit board material 62454
Deutsch, A. *see* Celik, M. 60658
Deutsch, A. *see* Chokroverty, S. 90466
Deutsch, A. *see* Widmer, A. 78352
Deutsch, C. *see* Hofmann, I. 69647
Deutsch, D., Ekert, A., Jozsa, R., Macchiavello, C., Popescu, S., Sanpera, A. Quantum privacy amplification and the security of quantum cryptography over noisy channels 108178
Deutsch, J. Top-down behavioral-level simulation of large analog circuits 73024
Deutsch, L.J. A new Deep Space Network for the next century 78639
Deutsch, M. *see* Lann, A.F. 116456
Deutschmann, L., Głowacki, F. Equipment design, cluster tools and scale-up issues [RTP] 84057
Deutschmann, O. *see* Behrendt, F. 92795
Deutschmann, O. *see* Ruf, B. 61402
Deutschmann, O. *see* Ruf, B. 82622
Deutschmann, R. *see* Simlinger, T. 84494
Deuty, S. *see* Takesuye, J. 74715
Dev, B.N. *see* Kuri, G. 83808
Dev, B.N. *see* Satyam, P.V. 105459
Devadas, S., Keutzer, K. Addendum to "Synthesis of robust delay-fault testable circuits: Theory" 61803
Devadas, S. *see* Monteiro, J. 83075
Devadoss, C. *see* Moore, J.S. 64963
Deval, Y. *see* Dupeyron, D. 62135
DeVan, J.H. *see* Judkins, R.R. 111807
Devanand *see* Aggarwal, M.M. 69839
Devaney, J. *see* Marengo, E.A. 99618
Devaney, M.J. *see* Chih-Hsien Kung 110278
Devaney, M.J. *see* Hocaoglu, A.K. 89459
Devaney, M.J. *see* Koksal Hocaoglu, A. 108393
Devanz, G. *see* Glotin, F. 116796
Devarajan, M. Some observations on bulk cable current injection test method 76477
Devars, J. *see* Guetari, S. 117864
Devasahayam, A.J., Kryder, M.H. A study of the NiFe/NiMn exchange couple 115635
Devaty, R.P. *see* Kimoto, T. 104049
Devaty, R.P. *see* Mac Millan, M.F. 105434
Devaty, R.P. *see* Steckl, A.J. 75697
Devaty, R.P. *see* Yoganathan, M. 94477
DeVault, B. *see* Shea, J.J. 71589
Devaux, C. *see* Mathoorasing, D. 119134
Devaux, F., Lantz, E., Maillotte, H. Imaging through scattering media by parametric image amplification 86944
Devaux, F., Menigaux, L., Brandon, J., Ramus, C., Carre, M., Huet, F., Legay, P., Juhel, M. Polarization-independent electroabsorption modulator integrated with spot-size converters 75586
Devaux, F. *see* Aubin, G. 99581
Devaux, F. *see* Bruno, A. 96044
Devaux, F. *see* Demange, D. 88607
Devaux, F. *see* Favre, F. 78647
Devaux, F. *see* Kalonji, N. 119137
Devaux, F. *see* Ougazzaden, A. 95835
Deveaud, B. *see* Haacke, S. 62989
Deveaud, B. *see* Morris, D. 62909
Devedeux, D., Duchene, J. Influence of biosignal variability on time/frequency distribution performance 80389
Develey, G. *see* Chentouf, A. 71911
Develey, G. *see* Fouladgar, J. 71914
Develey, G. *see* Mimoune, S.M. 71916
Develey, G. *see* Ploteau, J.P. 116823
Develey, G. *see* Srairi, K. 102758
Devender *see* Chakravarti, B. 76471
Devendra, S., Verma, K. Suitability of TINA for VDT and interactive services 118600
Devenport, K.E. *see* Hinton, H.S. 72304
Deventer, M.O.van *see* van Deventer, M.O.
Deventer, T.E.Van *see* Van Deventer, T.E.
Dever, G. *see* Bice, S.D. 87574
Devereux, H. *see* Smalley, M. 119491
Devernay, F., Faugeras, O. From projective to Euclidean reconstruction 86392
Devernay, F. *see* Mathieu, H. 69258
Devernay, J.-M. *see* Shrivastav, R. 111825
Devernoe, A., Ciancetta, G., King, M., Parizh, M., Painter, T., Miller, J. Tension layer winding of Cable-In-Conduit conductor 95533
Devetsikiotis, M. *see* Changcheng Huang 118022
Devetsikiotis, M. *see* Sharon, C.M. 86712
Devi, K.Y., Singh, M. A low cost portable instrument for measurement of hematological parameters 110779
Devi, M. *see* Sharma, S. 107886
Devi, S., Singh, M., Prakash, S.G. Xerographic characteristics of ZnS-CdS binder layers 64896
Deviatilov, V. *see* Kadnikov, A. 89779
Devidas, S. *see* Giakos, G.C. 80358
Deville, J.P. *see* Azizi, A. 75124
Deville, M.O. *see* Pinelli, A. 60962
Deville, Y. A unified stability analysis of the Herault-Jutten source separation neural network 97847
Devillers, M.A.C. *see* Aksipetrov, O.A. 74433
Devillers, M.A.C. *see* Aktsipetrov, O.A. 84009
Devillers, M.A.C. *see* Aktsipetrov, O.A. 85696
Devillers, M.A.C. *see* Aktsipetrov, O.A. 96733
Devillers, M.A.C. *see* Rubtsov, A.N. 107518
Devin, A. *see* Eyharts, Ph. 89740
Devin, A. *see* Villate, D. 100594
DeVincent, S. *see* Shih, W. 82221
Devine, J. *see* Chu, A. 94134
Devine, J.F. *see* Husbands, C.R. 88489
Devine, K.D., Flaherty, J.E. Parallel adaptive hp-refinement techniques for conservation laws 72723
Devine, M.K., Jiles, D.C. The magnetomechanical effect in electrolytic iron 64311
Devine, M.K., Jiles, D.C. Composition dependence of the magnetomechanical effect and magnetostriction 115555
Devine, R.A.B. *see* Martini, M. 74496
Devine, R.A.B. *see* Martini, M. 105517
Devine, R.A.B. *see* Warren, W.L. 63171
Devine, S., Woods, D. Internet-based reference services and community libraries: a need for new models and strategies 98754
DeVinney, G. *see* Bushallow-Wilbur, L. 87640
Devitsin, E.G. *see* Aleev, A.N. 120186
Devlaminck, V. *see* Lelaurin, L. 66967
Devlikanova, R.U. *see* Fesenko, E.G. 106312
Devlin, B. *see* McCanny, J.V. 77535
Devlin, G.E. *see* Linke, R.A. 65455
Devlin, G.E. *see* Thio, T. 64617
Devlin, J.C. *see* Dube, F.N. 87088
Devlin, M. Wavelets and wavelants: their parallel implementation 97759
Devoe, R.G. *see* Burland, D.M. 115995
DeVoe, R.G. *see* Lundquist, P.M. 75413
DeVoe, R.G. *see* Lundquist, P.M. 116785
DeVoe, R.G. *see* Wortmann, R. 106757
DeVol, T.A., Keillor, M.E., Burggraf, L.W. Influence of radionuclide adsorption on detection efficiency and energy resolution for flow-cell radiation detectors 80057
DeVol, T.A., Keillor, M.E., Burggraf, L.W. Influence of radionuclide adsorption on detection efficiency and energy resolution for flow-cell radiation detectors 100891
Devoldere, P.Y. *see* Wallon, J. 96308
Devooght, J., Smidts, C. Probabilistic dynamics as a tool for dynamic PSA 72199
Devooght, J. *see* Izquierdo, J.M. 72351
DeVore, C.R. *see* Sinkovits, R.S. 113415
Devore, J. *see* Marshall, A. 104314
Devoret, M.H. *see* Steinbach, A.H. 62374
Devrajan, J. *see* Steckl, A.J. 75697
Devrajan, J. *see* Steckl, A.J. 103993
Devrajan, J. *see* Steckl, A.J. 113464
Devreese, J.T. *see* Grynberg, M. 94363
DeVries, P. *see* Thomas, C. 110735
Devy, M. *see* Betge-Brezetz, S. 77299
Devy, M. *see* Bulata, H. 79014
Devyatkin, E.A. Stressed state of a matrix and a cylindrical composite superconducting inclusion conducting the critical transport current in a static magnetic field 84918
Devyatkov, N.D., Gulyaev, Yu.V., Belyi, Yu.N., Kislov, V.Ya., Kislov, V.V., Teodorovich, S.L., Vasin, I.Yu., Polyanskaya, L.N., Kolesov, V.V., Smirnov, V.F., Chigin, E.P. Electrophysical principles and clinical applications of millimeter waves to diagnostics and adjustment of the functional states of human beings 110881
Dew, P. *see* Drew, R. 87896
Dew, R. *see* Roberts, J.S. 70894
Dew, S. *see* Backhouse, C.J. 92825
Dew, S.K. *see* Backhouse, C.J. 92850
Dew, S.K. *see* Friedrich, L.J. 63467
Dew, S.K. *see* Tait, R.N. 61377
Dew, S.K. *see* Xiang Gui 113224
Dew, S.K. *see* Xiang Gui 114995
Dew-Hughes, D. *see* Jenkins, A.P. 62162
Dew-Hughes, D. *see* Ryan, D.T. 95411
Dewa, H., Ao, H., Kihara, T., Tonguu, H., Shirai, T., Okamoto, H., Iwashita, Y., Fujita, H., Kakigi, S., Noda, A., Inoue, M. Longitudinal beam emittance monitor for 433 MHz proton linac 120075
Dewa, H. *see* Kando, M. 100698
Dewa, H. *see* Noda, A. 79988
Dewa, H. *see* Shirai, T. 89766
Dewailly, J. *see* Jacquot, J.P. 71068
Dewan, H.S. *see* Kumar, S. 104151
Dewan, H.S. *see* Singh, R. 110167
Dewan, R.P. *see* Ruf, C.S. 101497
Dewan, S.B. *see* Tripathi, A. 112104
Dewar, B. *see* Ng, S.L. 87297
Deweerdt, B. *see* Wang, Q.F. 63422
Deweerdt, B. *see* Wang, Q.F. 63459
DeWeerth, S.P. *see* Morris, T.G. 62073
DeWeerth, S.P. *see* Wilson, D.M. 104657
Dewell, R.D. *see* Hartigan, P.F. 88185
Dewen Sun *see* Sun Dewen
Dewey, R., Yuk Tong Lee Performance studies of the TETRA mobile radio system 109556

Dewhurst, R.J., Williams, B.A. A study of Lamb wave interaction with defects in sheet materials using a differential fibre-optic beam deflection technique 113574
Dewhurst, R.J. *see* Shan, Q. 101090
Dewhurst, R.J. *see* Shan, Q. 101583
Dewhurst, R.J. *see* Williams, B.A. 79513
Dewilde, P. *see* Nowacka, E.B. 63860
DeWitt, D.R. *see* Quinteros, T. 110521
DeWitt, T., Lyon, D. 3-D microscope using diffraction grating 72332
DeWitte, J.T., Jr., Szu, H.H. Entries in the continuous wavelet transform table 86260
Dews, R.C. An overland conveyer with a difference–Springvale Colliery, Wallerawang, New South Wales 112470
Dewsbury, M., Dale, B.G. Quality improvement in a printed circuit board manufacturer: a case study examination 73876
Dexin Guan *see* Guan Dexin
Dexin Nie *see* Liang Tang 121542
Dexin Wang *see* Beech, R.S. 115876
Dexing Qu *see* Qu Dexing
Dexiu Huang *see* Huang Dexiu
Dexiu Pu *see* Pu Dexiu
Dexter, A.L. *see* Spruce, C.J. 102575
Dey, J., Kourbanis, I., Wildman, D. Improvements in bunch coalescing in the Fermilab Main Ring 89875
Dey, J., Kourbanis, I., Wildman, D. A new RF system for bunch coalescing in the Fermilab Main Ring 100507
Dey, J., Kourbanis, I., Wildman, D. 106 MHz cavity for improving coalescing efficiency in the Fermilab Main Ring 100656
Dey, J., Wildman, D. Higher order modes of the Main Ring Cavity at Fermilab 100508
Dey, K.K. *see* Misra, V.C. 117061
Dey, L.K.K. *see* Dey, M. 116978
Dey, M., Dey, L.K.K. Design theory of a double taper in multimode rectangular waveguide with composite coupling mode conversion distribution function 116978
Dey, S., Mittra, R. A compact broadband microstrip antenna 76581
Dey, S., Mittra, R. Compact microstrip patch antenna 117014
Dey, S. *see* Bhattacharya, S. 104453
Dey, S. *see* Bhattacharya, S. 110009
Dey, S. *see* Bhushan, B. 75257
Dey, S. *see* Raghunathan, A. 82857
Dey, S. *see* Wagner, K.D. 82845
Dey, S.K. Matrix free nonlinear solvers 82515
Dey, S.K., Alluri, P.V. PE-MOCVD of dielectric thin films: challenges and opportunities 92936
Dey, S.T.K., Ghosh, C.K. EMC education through distance mode and open learning 76450
Dey, T.K., Poddar, D.R., Chowdhury, S.K. Electromagnetic interference and social audit 76449
Deyab, M.S. An improvement for the outcome of the cumulant method in two coupled networks 70783
Deyi Si *see* Si Deyi
Deyin Huang *see* Huang Deyin
Deying, C. *see* Guohong, T. 69009
DeYong, M. *see* Bowman, C. 80553
Deyong Wu *see* Wu Deyong
Deyst, J.P., Souders, T.M. Bounds on frequency response estimates derived from uncertain step response data 66674
Deyst, J.P., Souders, T.M., Blair, J.J. Uncertainties of frequency response estimates derived from responses to uncertain step-like inputs 109967
Deyst, J.P. *see* Souders, T.M. 119536
Deyu Dang *see* Dang Deyu
Deyuan Gao *see* Gonghai Ren 92158
Deyuan Shen, Changqing Wang, Zongshu Shao, Xianlin Meng, Minhua Jiang Laser demonstration of diode-laser-pumped neodymium-doped strontium fluorovanadate 65114
Deyuan Shen *see* Shen Deyuan
Deza, A., Deza, M., Fukuda, K. On skeletons, diameters and volumes of metric polyhedra 103706
Deza, M., Tayuan Huang Complementary $\mathcal{L}_1$-graphs and related combinatorial structures 103663
Deza, M. *see* Deza, A. 103706
Dezarn, W.A. *see* Wise, T. 120082
Dezauzier, C. *see* Camassel, J. 104051
Dezauzier, C. *see* Syrkin, A.L. 103995
Dezeeuw, P. *see* Headley, R. 69268
Dezern, K.R. *see* Semenov, S.Y. 101294
Dezhang Wu *see* Wu Dezhang
Dezhen Song *see* Jinbang Chen 119903
Dezhong Hong, Campbell, A.W., Yong Yan, Sarkodie-Gyan, T. Three-dimensional feature description of pistons using the fuzzy sets theory 87109
Dezhong Hong, Sarkodie-Gyan, T., Campbell, A.W., Yong Yan A threshold strategy for edge tracking 117702
Dezhong Hong *see* Sarkodie-Gyan, T. 117699
Dezhong Yao *see* Yao Dezhong
Dezillie, B. *see* Bates, S.J. 90122
Dezillie, B. *see* Bates, S.J. 110607
Dezza, F.C., Cristaldi, L., Ferrero, A., Monti, A. Real time virtual system for electric drive testing: basic concepts and implementation 121985
Dezza, F.C., Monti, A., Scaglia, A. High power AC/DC converter for arc heater application: modelling and digital control design 122083
Dezza, F.Castelli *see* Castelli Dezza, F.
D'Haeger, V., De Ceuninck, W., Knuyt, G., De Schepper, L., Stals, L.M. A new technique to characterize the early stages of electromigration-induced resistance changes at low current densities 115029
D'Haeger, V. *see* Scorzoni, A. 84204
D'Haeyer, J.P.F. *see* Gautama, S. 117728
Dhagat, P., Glavinas, E., Jander, A., Porter, D.G., Indeck, R.S., Muller, M.W. Track-width dependence of transition jitter 75223
Dhagat, P. *see* Porter, D.G. 64446
Dhakal, P., Sachdev, M.S. A computer-based substation switching scheme 81635
Dhal, P.K. *see* Waldman, D.A. 96830
Dhaliwal, N.S., Recksiedler, L.D., Tang, D.T.Y. Operating experiences of the Nelson River HVDC system 121102
Dhanasekaran, R. *see* Dizaji, H.R. 82616
Dhanasekaran, R. *see* Dizaji, H.R. 104033
Dhanasekaran, R. *see* Gopalakrishnan, N. 72839
Dhanasekaran, R. *see* Gopalakrishnan, N. 92718
Dhanasekaran, R. *see* Gopalakrishnan, N. 113299
Dhanasekaran, R. *see* Jothilingam, R. 92726
Dhanasekaran, R. *see* Qhalid Fareed, R.S. 103999
Dhanasekaran, R. *see* Rezagholipour Dizaji, H. 72822
Dhanasekaran, R. *see* Tafreshi, M.J. 74295
Dhanasekaren, R. *see* Fareed, R.S.Q. 103904
Dhaouadi, R., Kubo, K. Transfer function and parameters identification of a motor drive system using adaptive filtering 91816
Dhar, A. *see* Sarkar, A. 82719
Dhar, A.S., Banerjee, S. Doppler ultrasonograph with CORDIC based spectrum analyzer for blood flow velocity estimation 120379
Dhar, L., Lee, H.J., Laskowski, E.J., Buratto, S.K., Presby, H.M., Narayanan, C., Bahr, C.C., Anthony, P.J., Cardillo, M.J. Refractive index profiling of optical waveguides using near-field scanning optical microscopy 85060
Dhar, N.K., Wood, C.E.C., Gray, A., Wei, H.Y., Salamanca-Riba, L., Dinan, J.H. Heteroepitaxy of CdTe on {211} Si using crystallized amorphous ZnTe templates 82698
Dhar, N.K. *see* Million, A. 74165
Dhar, P.L. *see* Seyedan, B. 111811
Dhar, S., Chakrabarti, S. Electroless Ni plating on n- and p-type porous Si for ohmic and rectifying contacts 105725
Dhar, S., Som, T., Mohapatra, Y.N., Kulkarni, V.N. $\mathrm{Cu_3Ge}$, a novel contact material for semiconductor device technology: Room temperature synthesis by ion beam mixing 105745
Dhar, S. *see* Chakrabarti, S. 105460
Dhar, S. *see* Das, U. 72804
Dhar, S. *see* Giri, P.K. 83809
Dhar, S. *see* Mazumdar, M. 74148
Dhar, S. *see* Paul, S. 103998
Dhar, S.K. *see* Gifford, P.R. 71668
Dhar, S.K. *see* Menon, L. 75144
Dhar, S.K. *see* Venkatesan, S. 112584
Dhar, V., Ashokan, R., Khan, Z.A.D., Basu, P.K. Analysis of the $\mathrm{R_0A}$ product in $\mathrm{n^+p}$ and $\mathrm{n^+n^-p}$ $\mathrm{Hg_{1-x}Cd_xTe}$ photodiodes 75733
Dhar, V., Bhan, R.K., Ashokan, R., Kumar, V. Quasi-2D analysis of the effect of passivant on the performance of long-wavelength infrared HgCdTe photodiodes 106974
Dharamsi, A.N., Bullock, A.M. Measurements of density fluctuations by modulation spectroscopy 89522
Dharanikota, S., Maly, K. QUANTA: quality of service architecture for native TCP/IP over ATM networks 109107
Dharchoudhury, A. *see* Kim, Y.G. 73066
Dharchoudhury, A. *see* Yi-Kan Cheng 84591
Dharinger, D. *see* Woodward, T.K. 85333
Dharma-Wardana, M.W.C. *see* Sachrajda, A.S. 105412
Dharmadasa, I.M. *see* Blomfield, C.J. 74464
Dharmadasa, I.M. *see* McChesney, J.-J. 113407
Dharmadasa, I.M. *see* McGregor, S.M. 121889
Dharmadasa, I.M. *see* Wardlaw, R.S. 83969
Dharmalingam, S. Issues governing selection of instruments for hazardous areas in a process plant 112833
Dharmaraj, G. *see* Mombasawala, M.J. 78278
Dharmarasu, N. *see* Arulkumaran, S. 105598
Dharmasiri, D.R. *see* Alvsvaag, S.J. 90124
Dhaul, A. *see* Mehta, S.K. 107340
Dhawan, A.P., Chitre, Y., Kaiser-Bonasso, C. Analysis of mammographic microcalcifications using gray-level image structure features 80263
Dhawan, A.P. *see* Roenker, K.P. 73598
Dhawan, A.P. *see* Zavaljevski, A. 66896
Dhawan, R.K. *see* Nourbakhsh, F. 71464
Dhawan, S., Radway, T., Hubbard, C., Sumner, R. An extension of the CAMAC standard for increased data transfer rates 100987
Dhawan, S.K., Crabb, D.G., Hayashi, N., Rijllart, A. Precision deuteron NMR signal measurement with the NA47 polarized target 79986
Dheasuna, C.Ni *see* Ni Dheasuna, C.
Dhein, N.R. *see* Costa, E. 97146
Dhein, N.R. *see* Silva Mello, L.A.R. 97145
Dhekne, R.D. *see* Hebert, T.J. 90445
Dhekne, R.D. *see* Hebert, T.J. 101290
Dhenaut, C. *see* Diaz-Garcia, M.A. 85631
Dhenaut, C. *see* Diaz-Garcia, M.A. 107548
Dhenaut, C. *see* Ledoux, I. 76243
Dhere, N.G. $\mathrm{CuIn_{1-x}Ga_xSe_2}$ and CdTe PV solar cells 112399
Dhere, N.G., Lynn, K.W. $\mathrm{CuIn_{1-x}Ga_xSe_2}$ thin film solar cells by two-selenizations process using Se vapor 92940
Dhere, R.G., Asher, S.E., Jones, K.M., Al-Jassim, M.M., Moutinho, H.R., Rose, D.H., Dippo, P., Sheldon, P. Characterization of intermixing at the CdS/CdTe interface in CSS deposited CdTe [solar cells] 112367
Dhermain, J. *see* Benabdesselam, M. 110987
D'Heurle, F.M. Interfaces in silicides 83814
d'Heurle, F.M. *see* Colgan, E.G. 63433
D'Heurle, F.M. *see* Zhang, S.L. 110321
Dhillon, B.S. Mean time to failure formulas for standard reliability networks with Erlangian distributed component failure times 92339
Dhoble, S.J. *see* Moharil, S.V. 85266
Dhoedt, B. *see* Vanwassenhove, L. 96046
Dholakia, A., Bitzer, D.L., Koorapaty, H., Vouk, M.A. Minimal, minimal-basic, and locally invertible convolutional encoders 66308
Dholakia, A. *see* Koorapaty, H. 66340
Dholakia, A. *see* Sharma, G. 117180
Dhome, H.I. *see* Lerasle, F. 67307
Dhome, M. *see* Braud, P. 67301
Dhome, M. *see* Delherm, C. 67300
Dhome, M. *see* Sayd, P. 117678
Dhondt, G. *see* Van den Broeck, T. 100291
D'Hondt, M., Moerman, I., Demeester, P. Dark current reduction for 2.5 μm wavelength, 2% mismatched InGaAs photodetectors, by changing bufferlayer structure and growth temperature 110154
D'hondt, P. *see* Wang, X. 102137
Dhong-Woon Jang, Sang-Kyun Oh, Yong-Hoon Lee Decision feedback demodulation-based adaptive linear equalisers for differentially coherent DPSK systems 118743
d'Hont, S. Smart pallet system improves warehouse productivity 118777
D'Hooge, M. *see* Prevot, E. 119008
Dhopte, S.M. *see* Moharil, S.V. 85263
Dhopte, S.M. *see* Moharil, S.V. 85266
D'hose, C. *see* Baggio, J. 76027
D'hose, C. *see* Baggio, J. 107342
Dhosi, G. *see* Eggleton, B.J. 85032
Dhosi, G. *see* Eggleton, B.J. 99555
Dhosi, G. *see* Stephens, T. 99550
Dhote, A.M. *see* Aggarwal, S. 115461
Dhouib, A., Stubbs, M.G., Simons, N.R.S., Lecours, M. A signal averaging technique for a wide bandwidth absorbing boundary condition in the TLM method 85915
Dhuler, V., Markus, K.W., Cowen, A., Roberson, D., Berry, M., Nangalia, S. Characterization study of flip chip integration for MEMS 106288
Dhuler, V. *see* Markus, K.W. 106286
Dhuler, V.R. *see* Markus, K.W. 74872
Di, C., Jess, J.A.G. An efficient CMOS bridging fault simulator: with SPICE accuracy 104452
di Baja, G.S., Thiel, E. Skeletonization algorithm running on path-based distance maps 87182
Di Barba, D. *see* Brezzi, F. 65669
Di Barba, P., Dughieroz, F., Trevisan, F. Optimization of the Loney's solenoid through quasi-analytical strategies: a benchmark problem reconsidered 97000
Di Barba, P., Savini, A. An optimization approach to the analysis and synthesis of circuits and fields 60436
Di Barba, P., Savini, A., Wiak, S. Design optimization of an electrostatic micromotor with axial field 81495
Di Bari, D. *see* Antinori, F. 120156
Di Bari, D. *see* Simone, S. 69783
Di Bella, E.V.R., Barclay, A.B., Eisner, R.L., Schafer, R.W. Comparison of rotation-based methods for iterative reconstruction algorithms 101149
Di Bernardo, G. *see* Lisi, M. 66039
Di Bernardo, M. A purely adaptive controller to synchronize and control chaotic systems 73074
di Bernardo, M., Garofalo, F., Glielmo, L., Vasca, F. Quasi-periodic behaviors in DC/DC converters 121680
Di Biase, V.C. *see* Aureli, G. 78242
Di Bin, P., Facq, P. Set-up for the modal characterization of multimode fibres reflective components 64701
Di Bisceglia, M. *see* Conte, E. 68607
Di Bisceglie, M. *see* Conte, E. 111250
Di Blasio, G. *see* Baccarelli, E. 66251
Di Bona, A., Sabary, F., Valeri, S., Michelato, P., Sertore, D., Suberlucq, G. Auger and x-ray photoemission spectroscopy study on $\mathrm{Cs_2Te}$ photocathodes 104998
Di Bona, A. *see* Michelato, P. 90110
Di Capua, E., Ferroni, M., Luppi, C., Ricciardi, S., Saitta, B., Zucchelli, P., Buontempo, S., Cocco, A.G., Ereditato, A., Fiorillo, G., Grufi, F., Marchetti-Stasi, F., Messina, M., Migliozzi, P., Palladino, V., Strolin, P., Capone, A., Depedis, D., Dore, U., Loverre, P.F., Macina, D., Mazzoni, M.A., Piredda, G., Righini, P., Santacesaria, R. Response to electrons and pions of the calorimeter for the CHORUS experiment 110598
Di Cataldo, G., Palumbo, G. Design of an nth order Dickson voltage multiplier 62079

Di Cataldo, G., Palumbo, G. Area-efficient design of three- and four-stage voltage multipliers for power integrated circuits 113735
Di Ciaccio, L., Forty, R.W., Hessing, T.L., Kowalewski, R., Moser, H.-G., Shepherd-Themistocleous, C.H. Averaging lifetimes for B hadron species 100820
Di Cioccio, L., Le Tiec, Y., Letertre, F., Jaussaud, C., Bruel, M. Silicon carbide on insulator formation using the Smart Cut process 74508
Di Cioccio, L. *see* Anikin, M.M. 103817
Di Crescenzo, A., Ricciardi, L.M. Comparing failure times via diffusion models and likelihood ratio ordering 113033
Di Crescenzo, J. *see* Haouat, G. 89994
di Crescenzo, J. *see* Joly, S. 110476
Di Dio, M., Lomascolo, M., Passaseo, A., Gerardi, C., Giannini, C., Quirini, A., Tapfer, L., Giugno, P.V., De Vittorio, M., Greco, D., Convertino, A.L., Vasanelli, L., Rinaldi, R., Cingolani, R. Structural and optical studies of $In_xGa_{1-x}As/GaAs$ multiple quantum wells 83945
Di Domenico, G. *see* Del Guerra, A. 90352
Di Domenico, G. *see* Del Guerra, A. 101112
Di Donfrancesco, G. *see* Cairo, F. 120757
Di Fabrizio, E., Grella, L., Baciocchi, M., Gentili, M., Peschiaroli, D., Mastrogiacomo, L., Maggiora, R. Fast proximity corrections for electron-beam-fabricated high resolution and high-aspect-ratio Fresnel zone plate 74658
di Fabrizio, E. *see* Jark, W. 120243
Di Fausto, M., Doro, G., Capece, P., Scolamiero, L., Russo, P. ARTEMIS satellite antennas: a survey on requirements, design, technology and performance 66019
Di Fonzo, S. *see* Jark, W. 120243
Di Fonzo, S. *see* Lagomarsino, S. 69896
Di Garbo, A., Barbi, M., Chillemi, S., Balocchi, R., Michelassi, C., Carpeggiani, C. Search for nonlinearity in the heartbeat time series 110832
Di Gari, L. *see* Grianti, F. 120521
Di Gennaro, S. *see* Caravani, P. 71291
Di Gerlando, A. Design modelling and performance analysis of active magnetic bearings with distributed windings 91461
Di Giambattista, J. Pacific islands business network (PIBN): marketing Oceania overseas 87766
Di Girolamo, B. *see* Bosi, F. 90134
Di Girolamo, S. *see* Galati, G. 90729
Di Giulio, M., Micocci, G., Serra, A., Tepore, A., Rella, R., Siciliano, P. Characteristics of reactively sputtered Pt-SnO_2 thin films for CO gas sensors 100164
Di Giulio, M., Serra, A., Tepore, A., Rella, R., Siciliano, P., Mirenghi, L. Influence of the deposition parameters on the physical properties of tin oxide thin films 61430
Di Huo Generalized Erlang-B formula for mobile and wireless radio channels 88154
Di Huo Simulating slow fading by means of one dimensional stochastical process 107920
Di Ianni, M., Diekmann, R., Luling, R., Schulze, J., Tschoke, S. Simulated annealing and genetic algorithms for shape detection 86308
Di Lecce, V., Di Sciascio, E. A dedicated multiprocessor system for pixel treatment in rastering and medical imaging applications 120410
Di Lecce, V., Di Sciascio, E., Manni, A.R. An architecture for on-line 3-D PET data reconstruction 80382
Di Lecce, V., Di Sciascio, E., Manni, A.R. A pipeline backprojector for on-line 3-D PET 101123
Di Lecce, V., Di Sciascio, E., Manni, A.R. Parallelization of 3-D PET BpjF reconstruction on a DSP cluster 101165
Di Lella, L. *see* Autiero, D. 80006
Di Liberto, S. *see* Antinori, F. 120156
Di Lieto, A., Minguzzi, P., Toncelli, A., Tonelli, M., Jenssen, H.P. Effect of Tm concentration on the tunability of the YLF laser in the 1.9 µm region 65127
Di Lieto, A., Minguzzi, P., Toncelli, A., Tonelli, M., Jenssen, H.P. Fluoride crystals for tunable lasers in the near infrared 75878
Di Luzio, S. *see* Comani, S. 80393
Di Marco, F. *see* Rizzotto, G. 71034
Di Marco, P. *see* Kalinowski, J. 64900
Di Marco, P. *see* Kalinowski, J. 75751
di Martino, J.-L. *see* Chemat, F. 62222
Di Massa, G. *see* Angiulli, G. 116878
Di Mauro, A., Nappi, E., Posa, F., Breskin, A., Buzulutskov, A., Chechik, R., Biagi, S.F., Paic, G., Piuz, F. Photoelectron backscattering effects in photoemission from CsI into gas media 62558
Di Mauro, E.C. *see* Cootes, T.F. 108413
Di Michiel, M. *see* Arfelli, F. 90367
Di Michiel, M. *see* Arfelli, F. 90432
Di Michiel, M. *see* Arfelli, F. 110579
Di Mondi, V.D. Considerations in selection of miniaturized SMT connectors for board to board applications 114385
Di Nallo, C., Frezza, F., Galli, A. Analysis of BEM and FEM codes for the modelling of microwave passive dielectric devices 93683
Di Nallo, C., Frezza, F., Galli, A., Gerosa, G. A convenient transmission-line formulation for wave propagation in typical ferrite structures 85946
Di Nallo, C., Frezza, F., Galli, A., Lampariello, P. Complete characterisation of leaky-wave antennas based on stepped rectangular waveguides 117021
Di Nallo, C., Mesa, F., Jackson, D.R. Excitation of leaky modes on multilayer stripline 85933
Di Nallo, C. *see* Baccarelli, P. 85938
Di Nallo, C. *see* Baccarelli, P. 115857
Di Napoli, A. *see* Caricchi, F. 71819
Di Napoli, A. *see* Caricchi, F. 122031
di Napoli, A. *see* Caricchi, F. 122047
di Natale, C., Brunink, J.A.J., Bungaro, F., Davide, F., d'Amico, A., Paolesse, R., Boschi, T., Faccio, M., Ferri, G. Recognition of fish storage time by a metalloporphyrins-coated QMB sensor array 100155
Di Natale, C., D'Amico, A., Vlasov, Yu.G., Legin, A.V., Rudnitskaya, A.M. Multicomponent analysis of heavy metal cations and inorganic anions in liquids by a non-selective chalcogenide glass sensor array 69069
Di Natale, C., Davide, F.A.M., D'Amico, A., Nelli, P., Groppelli, S., Sberveglieri, G. An electronic nose for the recognition of the vineyard of a red wine 119765
Di Natale, C. *see* D'amico, A. 89041
Di Nezza, P., Ferrarott, F., Stella, B. Application of neural networks to the analysis of HERA physics with the H1 apparatus 90193
Di Nicolantonio, W. *see* Balzarotti, A. 120138
Di Nicolantonio, W. *see* Barabanov, I.R. 110568
Di Nola, A., Georgescu, G., Lettieri, A. Probabilities in varieties of MV-algebras 92368
Di Nuzzo, D. *see* Comani, S. 80393
Di Paola, A., Ritchie, D.M., Riva, M., Vidimari, F., Frigeri, C., Brinciotti, A. Optical and structural characterization of single quantum wells of InGaAs on GaAs MOCVD grown both on exactly oriented and misoriented substrates 63052
Di Paola, A., Sannino, M. Noise figure and gain of HEMTs vs. bias conditions measured by noise figure test-set 63768
Di Paola, A. *see* Brinciotti, A. 63053
Di Paola, R. *see* Gregoire, M.-C. 101324
Di Paola, R. *see* Pelegrini, M. 80225
Di Paolo, F. *see* Alleva, V. 62355
Di Pascoli, S. *see* Ciofi, C. 94845
Di Pasquale, F. *see* Zeiler, W. 109647
Di Pietro, A. *see* Cardella, G. 110599
Di Prima, F. *see* Caddemi, A. 62256
Di Rienzo, M., Castiglioni, P., Parati, G., Mancia, G., Pedotti, A. Baroreflex modulation of the cardiovascular system: new insights from the joint analysis of blood pressure and heart rate signals 90265
Di Rodi, V.F. A resource recovery model for end-of-life (EOL) electronics 72371
Di Ruberto, C. *see* Vitulano, S. 86984
Di Sciascio, E. *see* Di Lecce, V. 80382
Di Sciascio, E. *see* Di Lecce, V. 101123
Di Sciascio, E. *see* Di Lecce, V. 101165
Di Sciascio, E. *see* Di Lecce, V. 120410
Di Sciuva, M. *see* Icardi, U. 61457
Di Shuo, Zhang Yaoxue A dual priority queue algorithm for quality of service control in high speed networks 117976
Di Stefano, A. *see* Cavalieri, S. 91916
Di Stefano, G. New results for neural networks and genetic algorithms in visual field diagnosis 77128
Di Stefano, R., Meo, S., Scarano, M. Motion control of linear induction motor actuator 102749
Di Stefano, S. *see* Ratnakumar, B.V. 71645
Di Trapani, P. *see* Danielius, R. 107564
Di Ventra, M., Papp, G., Coluzza, C., Baldereschi, A. Novel tunneling devices: resonant and ballistic quantum diodes 63813
Di Ventra, M., Papp, G., Coluzza, C., Baldereschi, A., Schulz, P.A. Indented barrier resonant tunneling rectifiers 115262
Di Ventra, M., Peressi, M., Baldereschi, A. Chemical and structural contributions to the valence-band offset at GaP/GaAs heterojunctions 114687
Di Virginio, N. *see* Peroni, M. 114622
Di Vita, P., Potenza, M. Optical amplifiers 99518
Di Vita, P. *see* Artiglia, M. 119204
Di Vito, A., Studer, F.A. Comparison between L band and S band for 3D surveillance radar 70596
di Vito, B.L. Formalizing new navigation requirements for NASA's Space Shuttle 79044
Di Zenobio, D., Russo, E. Quality of service in mobile-satellite communication systems 88180
Di Zenobio, D., Santella, G., Mazzenga, F. Adaptive linearization of power amplifier in orthogonal multicarrier schemes 113763
Di Zenobio, D., Talone, P., Winkler, R. A microcell/macrocell architecture to access multimedia communication services 118571
Di Zenobio, D. *see* Celidonio, M. 88821
Di Zhong, HongJiang Zhang, Shih-Fu Chang Clustering methods for video browsing and annotation 68849
Di-Yuan Ren *see* Ren Di-Yuan
Dia, R.M. *see* Lai, R. 104878
Diaconescu, D. *see* Buda, M. 65208
Diaconescu, L. *see* Dixit, M.S. 101308
Diaconu, E.D. *see* Moldovanu, E. 69458
Dialetis, D. *see* Riyopoulos, S. 62588
Dialynas, E.N., Michos, D.G. Reliability assessment of power distribution systems considering the effects of supply restoration procedures 102128
Diamantaras, K.I., Chou, W.H., Kyung, S.Y. Dynamic programming implementation on array processor architectures 104595
Diamantidis, D., Krishnan, R., Lee, S. Design and development of a low cost inverter drive for induction motors 71756
Diamantini, C., Spalvieri, A. Certain facts about Kohonen's LVQ1 algorithm 66722
Diambra, L., Plastino, A. Modelling time series using information theory 82371
Diambrini-Palazzi, G. *see* Castellano, M.G. 106698
Diamond, P.H. *see* Gruzinov, A.V. 71345
Diamond, S.K., Penney, B.J., VanDusen, C.H. Transport of uncompressed audio through MPEG systems 117195
Diamond, S.L. IEEE 1394: status and growth path 77921
Dian Zhou *see* Zhongnong Jiang 68938
Dian-Hong Shen *see* Iwakuro, H. 63332
Dian-Tong Lu, Zheng Qingcheng, Mitchell, I.V., Hemment, P.L.F., Ryssel, H. A new determination method of very low Fe contamination by UFS 94217
Diana, D. *see* Fodor, D. 71773
Diana, G. *see* Kleinhans, C.E. 103083
Diana, G. *see* Van Blerk, D.B. 103177
Diancheng Zhang *see* Zhang Diancheng
Diani, M. *see* Berizzi, F. 109697
Diani, M. *see* Berizzi, F. 120717
Diannong Liang *see* Liang Diannong
Dianov, E., Kornienko, L., Yatsenko, Yu.P. Role of the third- and fourth-harmonic radiation in the formation of a χ^2 grating in Ge-Er fibres made of fused silica 85695
Dianov, E.M. Raman fiber amplifiers for the spectral region near 1.3 µm 96149
Dianov, E.M., Golant, K.M., Khrapko, R.R., Tomashuk, A.L. Low-loss nitrogen-doped silica fibers: the prospects for applications in radiation environments 75439
Dianov, E.M., Karpov, V.I., Grekov, M.V., Prokhorov, A.M., Kamalov, V.F., Slobodchikov, E.V. 1.3 µm Raman fibre amplifier pumped by chromium-doped forsterite laser 96139
Dianov, E.M., Putilin, A.N., Zubov, V.A. Use of waveguide holograms for input and transmission of information on a light field through a single-mode optical fiber 78645
Dianov, E.M., Starodubov, D.S. Efficient photobleaching of 390-nm luminescence in germanosilicate preforms by the third harmonic of a Nd:YAG laser 64659
Dianov, E.M., Starodubov, D.S., Frolov, A.A. Near UV photosensitivity of germanosilicate glasses 75472
Dianov, E.M., Starodubov, D.S., Glebov, L.B., Ignatiev, A.I., Nikonorov, N.V., Salakhutdinov, I.F. Light-induced second harmonic generation in lead-silicate glasses doped with titanium and cerium 96664
Dianov, E.M. *see* Avrutskii, I.A. 107332
Dianov, E.M. *see* Basov, N.G. 94206
Dianov, E.M. *see* Bogatyrjov, V.A. 75508
Dianov, E.M. *see* Bogatyrjov, V.A. 106812
Dianov, E.M. *see* Kozlovsky, V.I. 75951
Dianqiang Lou *see* Lou Dianqiang
Dianyuan Fan *see* Fan Dianyuan
Dianzhao Sun *see* Sun Dianzhao
Diart, K.H. *see* Brauksiepe, S. 100815
Dias, A.E., Santos, E.M., Pimentao, J.P., Pedrosa, P.J., Romao, T.I. Bringing ubiquitous computing into geo-referenced information systems 78205
Dias, A.V., Bortolozzi, F., Delgado, M.R.B.S. Analysis of the use of the Bayes decision rule with two reject options for classes with unequal covariance matrices 87046
Dias, D.M. *see* Tewari, R. 87903
Dias, D.M. *see* Tewari, R. 98849
Dias, E.D., Murthy, V.R.K. The influence of covalency of B′–O bond and packing fraction on the dielectric permittivity of $Ba(B'_{1/3},B''_{2/3})O_3$ system 115428
Dias, G.P. *see* Shiyi Xu 61756
Dias, I.F.L., Bezerra, J.C., Miranda, R.C., de Oliveira, A.G. Photoexcited carriers in single-asymmetric-quantum-well structures 94546
Dias, J. *see* Lobo, J. 69075
Dias, J.A.S. *see* Guimaraes, H.L. 93513
Dias, J.F. *see* Likhachev, V.P. 100816
Dias, L. *see* Celeiro, F. 115291
Dias, L.G. *see* Momoh, J.A. 121133
Dias, M.De Susa *see* De Susa Dias, M.
Dias, P. *see* Leonhardt, U. 78565
Dias, T.H.V.T., Santos, F.P., dos Santos, J.M.F., Lopes, J.A.M., Veloso, J.F.C.A., Rachinhas, P.J.B.M., Morgado, R.E., Stauffer, A.D., Conde, C.A.N. The response of xenon X-ray detectors to full-energy absorption and fluorescence-escape events: measurement and modelling 80068
Dias, T.H.V.T. *see* dos Santos, J.M.F. 101016
Dias, T.H.V.T. *see* Rachinhas, P.J.B.M. 100867
Dias, T.H.V.T. *see* Rachinhas, P.J.B.M. 101015
Dias, V.Da Fonte *see* Da Fonte Dias, V.
Dias Goncalves, M.J. *see* Vale, Z.A. 101859
Dias Pinto, J.A., Breda Coimbra, A.P., Lemos Antunes, C.F.R. Influence of the thermal dependency of the current density in the solution of the heat transfer problem using the finite element approach 81455
Diaspro, A. *see* Bianco, B. 86617
Diatchenko, N. *see* Smith, B.A. 102172

Diatezua, D.M., Thiry, P.A., Dereux, A., Caudano, R. Silicon oxynitride multilayers as spectrally selective material for passive radiative cooling applications 75675
Diaz, C., Hopp, T.H. Evaluation of software for coordinate measuring systems 119529
Diaz, C. *see* Gonzalez, J.L. 61436
Diaz, C.H., Kopley, T.E., Marcoux, P.J. Building-in ESD/EOS reliability for sub-halfmicron CMOS processes 63947
Diaz, C.S. *see* Chilet, S.S. 61597
Diaz, F. *see* Cabre, R. 75308
Diaz, F. *see* Sole, R. 64339
Diaz, F.Diaz y *see* Diaz y Diaz, F.
Diaz, F.G. *see* Park, H.K. 70190
Diaz, J. *see* Kim, S. 105240
Diaz, J. *see* Yi, H.J. 75941
Diaz, J.C. *see* Lopez-Marcos, M.A. 60956
Diaz, J.C. *see* Plaza, P. 99026
Diaz, J.L. *see* Garcia, D.F. 99852
Diaz, J.M.Fernandez *see* Fernandez Diaz, J.M.
Diaz, L. *see* Ramos-Niembro, G. 81071
Diaz, L.M. *see* Marcano, D. 97301
Diaz, M. Design of multimedia protocols based on multimedia models 118561
Diaz, M. *see* Chassot, C. 98458
Diaz, M. *see* Fabre, F. 118562
Diaz, P., Agusti, R. Design and implementation of an EKF-based tracking synchronism scheme for an indoor DS/CDMA system 109503
Diaz, P. *see* Marin, E. 76008
Diaz, P.J. *see* Zhenghong Lee 70102
Diaz, R. *see* Ramos, G. 102215
Diaz, R. *see* Sadoulet, B. 100818
Diaz, S.Palacios *see* Palacios Diaz, S.
Diaz, T. *see* Peykov, P. 74481
Diaz Acosta, R. *see* Ramos-Niembro, G. 81071
Diaz Crespo, R. *see* Fernandez Diaz, J.M. 97250
Diaz De Aguilar, J. *see* Moratilla, A. 79213
Diaz de la Rubia, T. *see* Gilmer, G.H. 72843
Diaz y Diaz, F. *see* Cohen, K. 103655
Diaz-Garcia, M.A., Agullo-Lopez, F., Hutchings, W.G., Gordon, P.F., Kajzar, F. Third order hyperpolarizabilities of soluble phthalocyanines 76250
Diaz-Garcia, M.A., Agullo-Lopez, F., Sastre, A., Del Rey, B., Torres, T., Dhenaut, C., Ledoux, I., Zyss, J. Nonlinear optical properties of non-centrosymmetric phthalocyanines 85631
Diaz-Garcia, M.A., Agullo-Lopez, F., Sastre, A., Torres, T., Dhenaut, C., Brasselet, S., Ledoux, I., Zyss, J. High second-order optical nonlinearities in subphthalocyanines 107548
Diaz-Garcia, M.A. *see* Hide, F. 96212
Diaz-Santana, L., Ibarra, J., Ojeda-Castaneda, J. Pseudorandom gratings for a Lau sensor 117705
Diaz-Torres, L.A. *see* Barbosa-Garcia, O. 115977
Diaz-Uribe, R., Ortega-Martinez, R. Laser beam centering by the opaque wire method 116609
Diazzi, C., Martignoni, F., Nora, P., Quaglino, R., Placke, T. A power BCD chipset for automotive HID lamp ballast systems 122074
Dib, N. *see* Cheng, H.-J. 95830
Dib, N. *see* Goverdhanam, K. 93712
Dib, N. *see* Tentzeris, E. 107974
Dib, N.I. *see* Ponchak, G.E. 73625
Dib, N.I. *see* Ponchak, G.E. 93656
Dib, N.I. *see* Simons, R.N. 65908
Dib, R.N. *see* Ball, W. 90979
Dib, S., Barkat, M. A censored mean level detector for two correlated targets 119274
Dibben, D.C., Metaxas, A.C. A comparison of the errors obtained with Whitney and linear edge elements 97272
Dibben, D.C., Metaxas, A.C. Frequency domain vs. time domain finite element methods for calculation of fields in multimode cavities 104792
Dibben, D.C., Metaxas, R. Time domain finite element analysis of multimode microwave applicators 62192
Diberder, F.Le *see* Le Diberder, F.
DiBianca, F.A. *see* Giakos, G.C. 80358
DiCarlo, E. *see* Robson, D. 119090
Dich, M., Dahl Mortensen, M. Low loss power splitter for antenna beam forming networks using probes in a waveguide 76648
Dichgans, J. *see* Boose, A. 110851
Dichgans, J. *see* Pulvermuller, F. 101362
Dichgans, J. *see* Spieker, S. 90543
DiCioccio, L. *see* Camassel, J. 104051
Dick, A.J. Review of communications standards for distribution automation applications 81036
Dick, C.H., Harris, F. Implementing narrow-band FIR filters using FPGAs 114136
Dick, E. *see* Riemslagh, K. 61121
Dick, E.P., Fischer, D., Marttila, R., Mulkins, C. Point-on-wave capacitor switching and adjustable speed drives 102892
Dick, E.P. *see* Marttila, R.J. 101693
Dick, E.P. *see* Marttila, R.J. 102912
Dick, K. Web development environments 109085
Dicken, H. *see* Tavangarian, D. 78094
Dicken, P. Reverse engineering regains popularity 103398
Dickensheets, D.L., Kino, G.S. A micromachined confocal optical microscope 100081
Dickerson, K. *see* McPherson, J. 112858
Dickey, C., Burnham, B., Carter, F., Fricks, R., Litvinenko, V., Nagchaudhuri, A., Morcombe, P., Pantazis, R., O'Shea, P., Sachtschale, R., Wu, Y. EPICS at Duke University 89932
Dickey, C. *see* Litvinenko, V.N. 79873
Dickey, C. *see* O'Shea, P.G. 89770
Dickey, C. *see* Sachtschale, R.J. 89774
Dickey, E. *see* Barrow, W. 89272
Dickhaus, H., Heinrich, H. Classifying biosignals with wavelet networks [a method for noninvasive diagnosis] 120414
Dickie, M.C. *see* Maki, M.C. 119488
Dickin, F. *see* Binley, A. 101372
Dickin, F.J. *see* Loh, W.W. 101377
Dickin, F.J. *see* Wang, M. 89463
Dickinson, A. *see* Ackland, B. 79541
Dickinson, A.G. *see* Nicol, C.J. 61881
Dickinson, J.W., Klein, A.C. Computer modeling of single-cell and multicell thermionic fuel elements 71721
Dickinson, K.W. *see* Reading, I.A.D. 98340
Dickinson, M.R. *see* Nikolaev, A.G. 114500
Dickinson, P.H. *see* Callahan, D.W. 65420
Dickinson, S. *see* Katsaros, K.B. 111215
Dickinson, T. *see* King, M.N. 113003
Dickman, J.E. *see* Ray, B. 71466
Dickmander, D.L., Rudin, S. Simulator verification of thyristor controlled series capacitor SVR (synchronous voltage reversal) scheme 91085
Dickmann, J. *see* Berg, M. 93936
Dickmann, J. *see* Berg, M. 93937
Dickmann, J. *see* Hackbarth, T. 92782
Dickmann, S. *see* Cossalter, O. 85125
Dickmanns, E.D. Steps for improving safety and comfort through the capability of vision for road vehicles 71871
Dickmanns, E.D. *see* Thomanek, F. 87034
Dicks-Mireaux, C. *see* Taylor, P. 101249
Dickson, A.E., Moeiz, M.A., Jandrell, I.R., Reynders, J.P., Adam, Z. The effect of corona on the surface hydrophobicity of polluted silicone rubber insulators 102207
Dickson, A.E., Reynders, J.P. The surface chemical composition of corona conditioned silicone rubber insulators 102206
Dickson, B., Branst, L. Probing femtoamps at high temperatures successfully [IC test] 88913
Dickson, D.P.E. *see* Morales, M.P. 106569
Dickson, D.P.E. *see* Pankhurst, Q.A. 106564
Dickson, K. How informal can you be? Trust and reciprocity within co-operative and collaborative relationships 72172
Dickson, N. *see* Garyet, T.C. 115267
Dickson, R.S., Fletcher, B., Redfern, M.A. The application of modern multi-function microprocessor relays to the protection of distribution plant 102068
Didenko, A.N. *see* Boyarchuk, K.A. 101578
Didik, Yu.I. *see* Rozina, O.Yu. 73020
DiDio, M. *see* Rinaldi, R. 62941
DiDomizio, J., Fish, C., Moyer, L., Glikerdas, P. FIREFINDER: Position Analysis System Advanced Development Model 111423
Didonna, V. *see* Simone, S. 69783
Didyk, A.Yu., Gulbekian, G.G., Wronski, W. Comparison of radiation effects on the operation of MOS devices under various types of nuclear radiation 84395
Dieball, D. *see* Joseph, C.L. 79528
Diebold, A.C. Calibration issues for total reflection X-ray fluorescence analysis of surface metallic contamination on silicon 94220
Diebold, A.C. *see* Childs, K.D. 103401
Dieci, L., Morini, B., Papini, A. Computational techniques for real logarithms of matrices 103740
Dieckman, S.L. *see* Razazian, K. 66742
Dieckmann, N., Bock, A., Merkt, U. Spatially resolved analyses of epitaxial and electrical properties of $YBa_2Cu_3O_7$ devices 75353
Dieckmann, R. *see* Mass, J.L. 113281
Diederich, C.J., Khalil, I.S., Stauffer, P.R., Sneed, P.K., Phillips, T.L. Direct-coupled interstitial ultrasound applicators for simultaneous thermobrachytherapy: a feasibility study 70203
Diederich, K.-J., Bohm, U. Encapsulated metal-oxide overvoltage divertor for medium-voltage networks 91224
Diefes, D., Deering, R. Concept design for a low cost cockpit display/collision avoidance system for general aviation aircraft 70399
Diefes, R.J. *see* Floyd, P.T. 99860
Dieffenbach, J.R. *see* Marallo, S.L. 72299
Dieffenbach, O.W. *see* Hvizd, J.J. 120645
Dieguez, E. *see* Dutta, P.S. 61182
Dieguez, E. *see* Dutta, P.S. 62737
Dieguez, E. *see* Dutta, P.S. 114630
Diehl, D.J. *see* Hu, Y.Z. 61379
Diehl, F., Herbst, W., Bauer, S., Schroder, B., Oechsner, W. Creation of metastable defects in a-Si:H by keV-electron irradiation at different temperatures 94242
Diehl, N., Grill, D., Held, A., Kroh, R., Reigber, T., Ziegert, T. System integration for mobile computing and service mobility 98778
Diehl, N., Held, A. System support and applications for mobile computing 118358
Diehl, O. *see* Albers, D. 69756
Diehl, R. Integrated microwave chips for communication technology 67937
Diehl, R. Novel chips for the communication age–joint effort on III-V electronics a success 106116
Diehl, R., Schlechtweg, M. State-of-the-art III-V semiconductor devices for microwave/MM-wave and optoelectronic applications 115116
Dieker, C. *see* Bangert, U. 113289
Diekmann, R. *see* Di Ianni, M. 86308
Diekmann, V., Jurgens, R., Becker, W., Elias, H., Ludwig, W., Vodel, W. RF-SQUID to DC-SQUID upgrade of a 28-channel magnetoencephalography (MEG) system 70001
Dieleman, P., Klapwijk, T.M., Kovtonyuk, S., Van de Stadt, H. Direct current heating in superconductor-insulator-superconductor tunnel devices for THz mixing applications 84910
Diemar, U., Sube, R. The application of the extended Hamilton formalism for the analysis of electrical systems with elements of higher order 82824
Diemar, U., Sube, R. Hamiltonian for dissipative systems with elements of higher order 84887
Diemeer, J., Spiekman, Ramsamoedj, R., Smit, K. Polymeric phased array wavelength multiplexer operating around 1550 nm 78653
Diemeer, M. *see* Otomo, A. 107586
Diemeer, M.B.J. *see* Flipse, M.C. 106848
Diemeer, M.B.J. *see* Horsthuis, W.H.G. 68422
Diemeer, M.B.J. *see* Jager, M. 116662
Diemoz, M. *see* Basti, G. 90164
Diener, J., Ben-Chorin, M., Kovalev, D.I., Ganichev, S.D., Koch, F. Excitation of the porous silicon photoluminescence by a multiphoton vibronic process 94268
Diener, J. *see* Kovalev, D. 94269
Diener, L., Busse, G. Nondestructive quality and process control in injection moulding polymer manufacture with microwaves 112999
Dienes, A., Heritage, J.P., Jasti, C., Hong, M.Y. Femtosecond optical pulse amplification in saturated media 65411
Dienes, A. *see* Sidick, E. 116649
Dienhart, H. *see* Dutton, A.G. 102552
Diening, A. *see* Jensen, T. 65120
Dienot, J. *see* Llopis, O. 62277
Dienot, J.M. *see* Andre, Ph. 62310
Dieny, B., Cowache, C., Nossov, A., Dauguet, P., Chaussy, J., Gandit, P. Anisotropy and angular variation of the giant magnetoresistance in magnetic multilayers 75205
Dieny, B. *see* Andrieu, O. 115650
Dieny, B. *see* Cowache, C. 84815
Dieny, B. *see* Platt, C.L. 114843
Diepenhorst, M., Jansen, W.J., Nijhuis, J.A.G., Schreiner, M., Spaanenburg, L., Ypma, A. Using the GREMLIN for digital FIR networks 62138
Dieperink, N. *see* Balhan, B. 79967
Dierendonck, A.J.Van *see* Van Dierendonck, A.J.
Dierich, P. *see* Beaudin, G. 79100
Dièricki, B. *see* Pardo, F. 119720
Dierickx, B. *see* Meynants, G. 98272
Dierickx, B. *see* Seijnaeve, J. 99995
Dierker, U. *see* Dueweke, M. 93982
Dierks, A., Braun, U. New means for testing energy meters 102317
Dierks, F. *see* Freund, E. 100312
Dierksen, K. *see* Eickmans, J. 62485
Diessel, A., Ebeling, W., Gutowski, J., Jobst, B., Schuell, K., Hommel, D., Pereira, M.F. Jr., Gueldner, H., Henneberger, K. Bleaching of excitonic absorption in II-VI laser diodes under lasing conditions 75957
Diessel, T. *see* Lehmann, A. 108938
Dieten, V.E.J.Van *see* Van Dieten, V.E.J.
Dieterich, H. *see* Bossert, M. 108152
Dieterle, W., Kochs, H.-D., Dittmar, E. Communication in modern energy management systems (EMS): principles, problems and solutions 101846
Dieterle, W. *see* Kochs, H.-D. 70681
Diethelm, K. A definiteness criterion for linear functionals and its application to Cauchy principal value quadrature 61024
Dietl, H. *see* Mours, B. 100821
Dietl, H. *see* Mours, B. 120196
Dietl, M. *see* Aigner, R. 119775
Dietl, T. *see* Jaroszynski, J. 105421
Dietl, T. *see* Sawicki, M. 62716
Dietl, T. *see* Stoger, G. 62958
Dietrich, B. Raman scattering in SiGe-Si hetero systems 105307
Dietrich, B. *see* Tang, Y.S. 63001
Dietrich, C.R. *see* Wegener, M. 67188
Dietrich, D. *see* Leeb, G. 108911
Dietrich, G. *see* Degueurce, C. 88861
Dietrich, H. A generalization of the Lasry-Lions method for functions in reflexive Banach spaces 72497
Dietrich, H. On the Palais-Smale condition for nonsmooth functions over closed and convex sets of restrictions 82478
Dietrich, H. *see* Schuppen, A. 93841
Dietrich, H. *see* Valsaraj, N. 63610
Dietrich, H.B. *see* King, S.E. 80063
Dietrich, H.B. *see* King, S.E. 101017
Dietrich, J. *see* Bechstedt, U. 100747
Dietrich, J. *see* Brauksiepe, S. 100815
Dietrich, P., Rao, R.R., Chockalingam, A., Milstein, L. A log-linear closed loop power control model 109414
Dietrich, S., Schneegans, M., Moske, M., Samwer, K. Investigation on metallurgical properties and electromigration in AlCu metallizations for VLSI applications 84207

Dietsch, R. *see* Gorbunov, A.A. 92917
Dietsch, R. *see* Panzner, M. 92916
Diettrich, J.C., Dawber, K.R. Short term mean wind shear study in an area of complex terrain 91406
Dietz, A. *see* Rosler, U. 106424
Dietz, E. *see* d'Errico, F. 110966
Dietz, K.H., Cox, G.S., Wilson, W.L. Assuring conductivity [PCB vias] 72328
Dietz, K.H. *see* Adams-Melvin, B.L. 94098
Dietz, N., Rossow, U., Aspnes, D.E., Bachmann, K.J. Real-time optical monitoring of $Ga_xIn_{1-x}P$ and GaP heteroepitaxy on Si under pulsed chemical beam conditions 103863
Dietz, N., Rossow, U., Aspnes, D.E., Bachmann, K.J. Real-time optical monitoring of heteroepitaxial growth processes on Si under pulsed chemical beam epitaxy conditions 113323
Dietz, R. *see* Hahne, P. 64467
Dietze, C., Hangleiter, T., Willems, P., Leblans, P.J.R., Struye, L., Spaeth, J.-M. Photostimulation redshift for nonstoichiometric $Ba_{1-x}Sr_xFBr:Eu^{2+}$ 95965
Dietze, C. *see* Rogulis, U. 95977
Dietze, M., Felber, J., Raum, K., Rausch, C. Intensified CCDs as position sensitive neutron detectors 110551
Dietzenbacher, E. An algorithm for finding block-triangular forms 60986
Dietzsch, C. *see* Driesel, W. 110532
Dieudonne, J.-M. *see* Guttich, U. 83445
Dieudonne, J.-M. *see* Guttich, U. 83465
Dieudonne, M., Delvaux, M., Fonknechten, D., Thiberville, J., Verhoeyen, M. Principle of composite ATM and its use in access networks 78253
Dieulot, J.M. *see* Amiranoff, F. 89645
Dievel, M.Van *see* Van Dievel, M.
Diez, A., Andres, M.V. Cylindrical multilayer optical waveguides: applications 116076
Diez, A., Andres, M.V., Culverhouse, D.O., Birks, T.A. Cylindrical metal-coated optical fibre devices for filters and sensors 85022
Diez, A., Cruz, J.L., Andres, M.V. An optical pulse modulator based on an all-fiber mirror 75434
Diez, A. *see* Cruz, J.L. 119692
Diez, A. *see* Mayora, K. 119866
Diez, E., Sanchez, A., Dominguez-Adame, F. High conductance in random superlattices with correlated disorder 63030
Diez, E., Sanchez, A., Dominguez-Adame, F. Effective nonlinear model of resonant tunneling nanostructures 83907
Diez, H. *see* Audouy, C. 66136
Diez, H. *see* Delepaux, F. 66077
Diez, H. *see* Pinsard, B. 66144
Diez, S. *see* Garcia-Martinez, P. 120286
Diez, S. *see* Ludwig, R. 85702
Diffendal, R.F., Jr. *see* Narayanan, R.M. 120694
Diffenderfer, S. *see* Williams, M.E. 83657
Diffley, C. *see* Wallace, E. 119489
Difilie, P. *see* Hode, J.M. 104670
DiForte-Poisson, M.-A. *see* Delage, S.L. 62341
diForte-Poisson, M.A. *see* Delage, S.I. 83389
Digalakis, V.V., Monaco, P., Murveit, H. Genones: generalized mixture tying in continuous hidden Markov model-based speech recognizers 86149
Digalakis, V.V., Neumeyer, L.G. Speaker adaptation using combined transformation and Bayesian methods 86151
Digalakis, V.V. *see* Ostendorf, M. 108228
Digby, G. *see* Brunton, J. 71849
Digele, G. *see* Dudek, V. 106031
Diggavi, S.N., Young Man Cho, Paulraj, A. Blind estimation of multiple co-channel digital signals in vector FIR channels 78450
Diggelen, F.van *see* van Diggelen, F.
Digges, K.H. *see* Bertocci, G.E. 110948
Digges, T.G., Jr. *see* Statler, C.E. 79358
Diggins, J., Ralph, J.F., Spiller, T.P., Clark, T.D., Prance, H., Prance, R.J., Brouers, F. Chaos generated noise in radio frequency SQUID magnetometers 106684
Diggins, J. *see* Prance, R.J. 106683
Diggs, D. *see* Posey, R. 110415
Diggs, D. *see* Sharma, A. 100065
Dighe, A.M., Kelkar, A.R. Information theoretic approach to ADC circuits 61980
Dighe, A.M. *see* Gandhi, A.S. 83182
Dighe, R., Qiang Ren, Sengupta, B. A link based alternative routing scheme for network restoration under failure 87484
DiGiovanni, D. *see* Namkyoo Park 96150
DiGiovanni, D. *see* Park, N. 68374
DiGiovanni, D. *see* Park, N. 88564
DiGiovanni, D.J. *see* Davis, D.D. 106786
DiGiovanni, D.J. *see* de Barros, M.R.X. 65095
DiGiovanni, D.J. *see* Eskilden, L. 109617
DiGiovanni, D.J. *see* Eskildsen, L. 78688
DiGiovanni, D.J. *see* Grubb, S.G. 65109
DiGiovanni, D.J. *see* Hansen, P.B. 68498
DiGiovanni, D.J. *see* Hansen, P.B. 88615
DiGiovanni, D.J. *see* Judkins, J.B. 85030
DiGiovanni, D.J. *see* Muys, W. 78816
DiGiovanni, D.J. *see* Strasser, T.A. 88633
DiGiovine, A.S., Gibbon, S.H., Wiksell, G. The BWR advanced fuel design experience using Studsvik CMS 81269
Dignam, M.M. *see* Wegscheider, W. 65289
D'Ignazio, J. Cleaning up the cleanroom 72247
D'Ignazio, J. TCAD tools leap hurdles to broader use 74809
D'Ignazio, J. Wirebonding's reign continues 83659
Digonnet, M.J.F. *see* Davis, M.K. 109654
Digonnet, M.J.F. *see* Sadowski, R.W. 75509
DiGregorio, L. *see* Partovi, H. 73251
Diikov, A.L. The role of charge transfer states on photoinduced second harmonic generation efficiency in glasses 116709
Dijk, G.van *see* van Dijk, G.
Dijk, M.van *see* van Dijk, M.
Dijkhuis, J.I. *see* Liefrink, F. 62926
Dijkmans, E.C. *see* van der Zwan, E.J. 73485
Dijkstra, E. *see* Nys, O. 93508
Dijkstra, E. *see* Von Kaenel, V. 73422
Dijon, J., Hue, J., Disgecmez, A., Quesnel, E., Rolland, B. Thin films laser damage mechanisms at the YAG third harmonic 107465
Dijon, J., Van Oost, E., Pelle, C., Lyan, P. Laser induced absorption at 355 nm in silica studied by calorimetry and photothermal deflection 107451
Dijon, J. *see* Hue, J. 107454
Dijon, J. *see* Hue, J. 107455
Dijonneau, C.S. *see* Floch, H.G. 85244
Dijonneau, C.S. *see* Floch, H.G. 106930
Dik Lun Lee *see* Budi Yuwono 109019
Dik Lun Lee *see* Wang-Chien Lee 97682
Dik Lun Lee *see* Wang-Chien Lee 109396
Dikansky, N. Electron-positron colliders at Novosibirsk 79822
Dikansky, N., Parkhomchuk, V., Skrinsky, A., Yakimenko, V. Novosibirsk Tau-Charm factory design study 89593
Dikansky, N.S., Akimov, V., Estrin, B., Gubin, K., Kazarezov, I., Kokoulin, V., Kot, N., Novokhatsky, A., Rashenko, V., Tokarev, Yu., Vasserman, S. Modulator for Klystron 5045 89778
Dikansky, N.S. *see* Sukhina, B.N. 79806
Dikarev, B. *see* Romanets, R. 64036
Dikhtiar, V. *see* Jerby, E. 107032
Dikiy, D.V. *see* Dikiy, V.N. 68827
Dikiy, V.N., Dikiy, D.V., Nuzhin, V.K. Multifrequency antenna of circular polarization with nearly continuous bands overlapping 68827
Dikmarova, L.P. *see* Dzhala, R.M. 79641
Diks, C. *see* van der Heyden, M.J. 90514
Diks, K., Pelc, A. Broadcasting with universal lists 67534
Diks, K., Pelc, A. Fault-tolerant linear broadcasting 98396
Diks, K., Pelc, A. Efficient gossiping by packets in networks with random faults 108763
Diks, K. *see* Chlebus, B.S. 87454
Dilawar, N., Sah, S., Mehta, B.R., Vankar, V.D. Structure of diamond and diamond like carbon thin films grown by hot-filament chemical vapour deposition technique 82755
Dilawar, N. *see* Sah, S. 103437
Dildine, R.G. *see* Collins, C.E. 69474
Dilecce, B. *see* Maio, I. 97184
Dilella, J. *see* Ku, A. 104947
Dilge, R., Teichgraber, U. Characteristics of a 250 W switching regulator for driving low voltage halogen discharge lamps 73099
Dilger, M., Haug, R.J., Eberl, K., Kurtenbach, A., Kershaw, Y., Klitzing, K.V. Transport characterization of in-plane gate devices fabricated by direct epitaxial growth on patterned substrates 72782
Dilger, R., Nelles, D. Comparison of active and reactive power control for improvement of power system stability 111559
Dilhac, J.-M. Temperature and process control in rapid thermal processing 84055
Dilhac, J.-M., Zerrouk, D., Ganibal, C., Rossel, P., Bafleur, M. Fabrication of SOI structures by uniform zone melting recrystallization for high voltage ICs 106237
Dili Zhang, Nomura, Y., Fujii, S. Error analysis and optimal setup on camera calibration 86832
Dili Zhang, Nomura, Y., Fujii, S. Optimization on principal distance calibration of TV camera 109887
Dili Zhang *see* Jun Yang 67443
Dili Zhang *see* Nomura, Y. 86466
Diligenti, A., Nannini, A., Pennelli, G., Pellegrini, V., Fuso, F., Allegrini, M. Electrical characterization of metal Schottky contacts on luminescent porous silicon 94598
Diligenti, A.. *see* Ciofi, C. 94847
Dill, C.D. *see* Agi, K. 100276
Dill, D.L. *see* Ip, C.N. 87471
Dill, D.L. *see* Ip, C.N. 118088
Dill, R., Machui, J., Muller, G. A novel SAW filter for IF-filtering in DECT systems 104671
Dill, R. *see* Weigel, R. 88232
Dillard, G.M. *see* Dillard, R.A. 66613
Dillard, R.A., Dillard, G.M. Likelihood-ratio detection of frequency-hopped signals 66613
Dillard, W.C. *see* Casady, J.B. 84367
Dillard, W.C. *see* Casady, J.B. 106042
Dillard, W.C. *see* Casady, J.B. 110131
Dillmann, F., Giyantsev, V.N., Siegel, M. Performance of $YBa_2Cu_3O_{7-\delta}$ direct current SQUIDS with high-resistance step-edge junctions 106702
Dillmann, R. *see* Ude, A. 97929
Dillmann, R. *see* Weingartner, T. 86802
Dillon, B.M., Gibson, A.A.P. Iterative finite element solution for cut-off frequencies of inhomogeneous ferrite waveguides 65963
Dillon, B.M., Gibson, A.A.P. Finite element solution of dielectric-ferrite resonators 114231
Dillon, B.M. *see* Sheikh, S.I. 93729
Dillon, C., Caelli, T. Cite: a scene understanding and object recognition system 86664
Dillon, C.L. *see* Knowles, L.E. 118533
Dillon, D.A., Kapur, A.D., Brock, J. CADD softwares in engineering and technology education 103347
Dillon, N. *see* Fisher, B.J. 70000
Dillon, P.S. Sustainable production and consumption: a vision for the electronics industry 72386
Dillon Dahleh, M. *see* Anderson, C. 92576
Dil'man, M.D. *see* Belyaeva, G.M. 90940
Dilmanian, F.A., Wu, X.Y., Kress, J., Ren, B., Chapman, D., Coderre, J.A., Greenberg, D., Parsons, E., Shleifer, M., Slatkin, D.N., Thomlinson, W.C., Zhong, Z., Button, T.M., Giron, F., Liang, J., Petersen, M.J., Roque, C.T., Miller, M.H., Weedon, H., Krus, D.J., Perna, L., Yamamoto, K. Dual energy iodine contrast CT with monochromatic X-rays 90434
Dilmanian, F.A. *see* Takeda, T. 69943
Dilmony, D. *see* Levin, M. 98919
Dilsizian, V. *see* Bartlett, M.L. 90293
Dilsizian, V. *see* Shuqing Zhang 110731
Dilworth, D. *see* Arons, E. 85741
Dilworth, D. *see* Leith, E. 70009
Dilworth, D. *see* Naulleau, P. 85732
Dilworth, D. *see* Naulleau, P. 96773
Dilworth, D. *see* Naulleau, P. 119944
Dilworth, I.J. Antennas for wireless applications 76573
Dilworth, I.J. Small loop antennas for VHF 76615
Dima, M. *see* Abe, K. 69708
Dima, M. *see* Abe, K. 69726
Dimai, A. *see* Stricker, M. 66921
Dimakov, S.A., Kliment'ev, S.I., Sventsitskaya, N.A., Sherstobitov, V.E. Compensation for distortions of optical elements by methods of dynamic holography in white light 65573
Dimakov, S.A. *see* Ageichik, A.A. 116761
Dimakov, S.A. *see* Bogdanov, M.P. 107621
DiMarco, D., Balmer, M., Freeman, C., Hose, K., Miller, J.L., Riggs, E. A 200 MHz 256 kB second level cache with 1.6 GB/s data bandwidth 73357
DiMarco, J. *see* Brown, B.C. 90058
DiMarco, J. *see* Glass, H.D. 100644
DiMarco, J. *see* Harding, D.J. 89795
DiMarco, J. *see* Harding, D.J. 89796
DiMarco, L. *see* Garbuzov, D. 96260
DiMarco, L. *see* Nesnidal, M.P. 65311
DiMarco, L.A. *see* Chao, C.-P. 96849
DiMaria, D.J. Explanation for the polarity dependence of breakdown in ultrathin silicon dioxide films 64059
Dimeo, M. *see* Brown, D. 68769
Dimitrakis, P., Papaioannou, G.J., Cristoloveanu, S. Electrical properties of buried oxide-silicon interface 94627
Dimitrakopoulos, C.D., Brown, A.R., Pomp, A. Molecular beam deposited thin films of pentacene for organic field effect transistor applications 92930
Dimitriadis, C.A., Tassis, D.H. On the threshold voltage and channel conductance of polycrystalline silicon thin-film transistors 63692
Dimitriadis, C.A. *see* Tassis, D.H. 94432
Dimitriadis, C.A. *see* Tassis, D.H. 113336
Dimitriev, A.S., Shirokov, M.E. The dynamics of a synchronizer for continuous-time chaotic signals 77542
Dimitrijev, S., Harrison, H.B. Modeling the growth of thin silicon oxide films on silicon 94798
Dimitrijev, S. *see* Stamenkovic, Z. 63881
Dimitrijev, S. *see* Tanner, P. 114960
Dimitrijev, S. *see* Tanner, P.G. 105667
Dimitrijev, S. *see* Yao, Z.-Q. 84066
Dimitrijevic, B. *see* Pavlovic, V. 110453
Dimitriou, N. *see* Adam, W. 69709
Dimitriou, T., Impagliazzo, R. Towards an analysis of local optimization algorithms 92515
Dimitrov, D.A., Georgiev, J.K., Zahariev, A.L., Bivas, I. Estimation of thin-film platinum thermometer precision in the range 13.8-273.16 K and common mathematical description above 70 K 99917
Dimitrov, D.K. Integration of polyharmonic functions 103729
Dimitrov, D.P. *see* Yovchev, I.G. 105025
Dimitrov, R. *see* Kelly, M.K. 105687
Dimitrova, A. *see* Sainov, V. 96795
Dimitrovski, A., Ackovski, R. Monte Carlo simulation in distribution network analysis 102127
Dimitrovski, A., Ackovski, R. Probabilistic load flow in radial distribution networks 121131
Dimolitsas, S., Corcoran, F.L., Ravishankar, C., Bhaskar, B.R.U. Voice quality of digital wireless networks under fading channel conditions 108206
Dimolitsas, S., Corcoran, F.L., Ravishankar, C., Wong, A., De Campos Neto, S.F. Transmission performance evaluation of voice encoding technology for the Inmarsat mini-M system 118698
Dimos, D., Al-Shareef, H.N., Warren, W.L., Tuttle, B.A. Photoinduced changes in the fatigue behavior of $SrBi_2Ta_2O_9$ and $Pb(Zr,Ti)O_3$ thin films 95282
Dimos, D. *see* Aggarwal, S. 115461
Dimos, D. *see* Al-Shareef, H.N. 115457
Dimos, D. *see* Warren, W.L. 84691

Dimos, D. *see* Warren, W.L. 95284
Dimos, D. *see* Warren, W.L. 115420
Dimoulas, A. *see* Nitta, J. 105257
Dimoulas, A. *see* Shen Wenzhong 115243
Dimov, I. *see* Nedjalkov, M. 63528
Dimov, V.I. *see* Milenov, T.I. 105139
Dimova-Malinovska, D., Kamenova, M., Sendova-Vassileva, M., Marinova, Ts., Krastev, V. Photoluminescence and chemical bonding in porous silicon layers -dependence on the P concentration in the Si substrate 94307
Dimova-Malinovska, D., Tzolov, M., Malinowski, N., Marinova, T., Krastev, V. Laser-induced formation of visible light emitting silicon 94787
Dimova-Malinovska, D. *see* Tzenov, N. 94714
Din, A.S.Zein El *see* Zein El Din, A.S.
Din, J., Tharek, A.R. Predictions of path attenuation statistics calculated from radar reflectivity data of rain in Malaysia 76429
Din Ping Tsai, Yueh Liang Chung Study of optical fibre structures by atomic force microscopy 116044
Din Ping Tsai, Yueh Liang Chung, Othonos, A. Study of optical fiber structures using atomic force microscopy and scanning near-field optical microscopy 95680
Din Ping Tsai *see* Othonos, A. 75835
Din-Chang Tseng, Hung-Pin Chiu, Jen-Chieh Cheng Invariant handwritten Chinese character recognition using fuzzy ring data 108670
Din-Wei Huang *see* Ming-Shan Lin 65206
Dina, M. *see* Woeste, D. 73500
Dinan, J.H. *see* Dhar, N.K. 82698
Dinan, J.H. *see* Million, A. 74165
Dinand, M. *see* Baumann, I. 107198
DiNardo, N.J. *see* Thibado, P.M. 84005
Dinca, L. *see* Aldemir, T. 81285
Dincer, I., Dost, S. On the energy resources of Canada 91264
Dinculescu, S., Lebey, T., Loubiere, A., Bui Ai Direct low frequency permittivity measurement of low loss dielectric materials 110324
Dinehart, M.R. *see* Dowling, D.T. 100713
Dinehart, M.R. *see* Meigs, M.J. 79886
Diner, D. *see* Bruegge, C. 120723
Dines, E.L. *see* Wei Chang 75765
Dines, J.A.B., Snowdon, J.F., Desmulliez, M.P.Y., Barsky, D., Shafarenko, A.V., Jesshope, C.R. A scalable asynchronous multiprocessor network using free space optical interconnects 85196
Dines, J.A.B., Snowdon, J.F., Wherrett, B.S. Optical implementation of the reconfigurable Radix-2 interconnect 85195
Dines, J.A.B. *see* Walker, A.C. 85336
Dinescu, M., Chitica, N., Teodorescu, V.S., Lita, A., Luches, A., Martino, M., Perrone, A., Gartner, M. Laser reactive ablation: one step procedure for the synthesis and deposition of compound thin films 113505
Dinescu, M. *see* Verardi, P. 92922
Dinescu, M. *see* Verardi, P. 106365
Dinesen, P.G., Rasmussen, T., Lester, C., Bjarklev, A. Microwave characteristics of polymer electro-optic modulators 106860
Dinesh, K.U. *see* Krishnamoorthy, C.S. 72725
Dinesh, R.L., Prakash, B.N. Automation of conducted susceptibility testing 76467
Dinev, P.D. A two-dimensional remote fibre-optic magnetic field and current sensor 110184
Dinev, S. *see* Buchvarov, I. 107182
Dinev, S. *see* Dreischuh, A. 107533
Dinev, S. *see* Dreischuh, A. 119148
Dinev, S. *see* Nikolaev, N. 76116
Dinev, S. *see* Velchev, I. 107604
Ding, D.S. *see* Luo, G.P. 107490
Ding, G. *see* Scharer, J.E. 117092
Ding, H.Y. *see* Zhang, D.G. 73620
Ding, J. *see* Miao, W.F. 106551
Ding, J. *see* Miao, W.F. 106627
Ding, K.H., Yang, Y.E., Shih, S.E., Kong, J.A., Davis, R.E. Modeling of electromagnetic wave scattering from time-varying snowcover 111265
Ding, K.H. *see* Shih, S.E. 120863
Ding, L. *see* Chun Jiang 84577
Ding, L. *see* Fujishiro, F. 84431
Ding, L. *see* Karnett, M. 106208
Ding, L.K. *see* Barabanov, I.R. 110568
Ding, M.-Y. *see* Xiong, Y. 108655
Ding, M.-Y. *see* Xiong, Y. 108656
Ding, T.J. *see* Hui, C.C.W. 108607
Ding, W., Liu, B. Joint encoder and channel rate control of VBR video over ATM networks 86586
Ding, W. *see* Rajagopalan, R. 86578
Ding, W.P. *see* Xiong, S.B. 82723
Ding, Y. *see* Ali Dervis, E. 116721
Ding, Y. *see* Dou, S.X. 116730
Ding, Y. *see* Netiksis, V. 65534
Ding, Y.J., Khurgin, J.B. Mirrorless optical parametric oscillators 85676
Ding, Y.J., Khurgin, J.B. Backward optical parametric oscillators and amplifiers 107506
Ding, Y.J., Khurgin, J.B. Efficient backward second-harmonic generation in quasi phase-matched second-order nonlinear medium: a novel configuration 107520
Ding, Y.J., Khurgin, J.B. Second-harmonic generation based on quasi-phase matching: a novel configuration 116631
Ding, Y.J. *see* Cui, A.G. 94559
Ding, Y.J. *see* Gorbounova, O. 65439
Ding, Y.J. *see* Veliadis, J.V.D. 74437
Ding, Z. *see* Ashour, T. 83305
Ding, Z. *see* Zhao, J. 74247
Ding, Z.-F. *see* Hwang, J.-K. 97861
Ding Bainan, Deng Jianjun, Hu Shenzong, Shi Jinsui, Zhu Wenjun, Li Qing, He Yi Free electron laser amplifier experiment based on 3.5 MeV linear induction accelerator 76061
Ding Bainan *see* Dai Guangsen 110494
Ding Bainan *see* Wang Huacen 120038
Ding Bingjun *see* Bingjun Ding
Ding Bonan *see* Zhang Enguan 114530
Ding Bonan *see* Zhang Wenwei 110336
Ding Chun *see* Xu Yigang 84180
Ding Chun *see* Chun Ding
Ding Cunsheng *see* Cunsheng Ding
Ding Daohong *see* Chen Weiyun 113759
Ding Guangyu *see* Feng Shiwei 84483
Ding Guilan *see* Guilan Ding
Ding Hanyi *see* Zhang Guangzhao 69485
Ding Jianping *see* Jianping Ding
Ding Juren *see* Juren Ding
Ding Kang *see* Xie Ming 86210
Ding Lei *see* Lei Ding
Ding Li *see* Li Ding
Ding Luo, Yan Yanguang Analysis of a new soft switching PWM inverter 121749
Ding Meixin, Su Zhongyi Optimum design for saddle shaped RF coil of MRI [magnetic resonance imaging] 104904
Ding Ming *see* Ming Ding
Ding Mingyue *see* Xiong Yan 108405
Ding Pei-Jun *see* Pei-Jun Ding
Ding Peng Gang *see* Gang Ding Peng
Ding Qi *see* Qi Ding
Ding qiaolin *see* Li Gengyin 90950
Ding Quan-Long *see* Quan-Long Ding
Ding Rong Shao *see* Shao Ding Rong
Ding Shifa *see* Xu Minghou 121362
Ding Shuanghong *see* Chen Jun 119925
Ding Shujun *see* Shujun Ding
Ding Shuling *see* Zhou Wenzhen 107033
Ding Tiong Jui *see* Tiong Jui Ding
Ding Wei, Gu Guanqun Analysis and improvement to asynchronous computer conference model 98816
Ding Wei *see* Jin Hao 118519
Ding Wei *see* Pun Jianping 67885
Ding Wu Amplifying mechanism of microwave in relativistic klystron amplifier 62579
Ding Wu Coherent harmonics generated by a supershort electron pulse 107366
Ding Wu, Shu Xiaojian, Du Xiangwan A new way for enhancing harmonic emission 107368
Ding Wu, Zhang Zhichou, Shu Xiaojian, Yao Jung Pulse structure of a far-infrared free electron laser 116577
Ding Wu *see* Shu Xiaojian 116576
Ding Xiaoqun, Liu, Y., Lin Zhongyun Transformer fault diagnosis using ANN 81519
Ding Xinquan *see* Wang Yun 87751
Ding Xiying *see* Sun Changzhi 103132
Ding Xuming Research of wide angle optical system for measuring many objects 119634
Ding Xunliang, Liang Wei, Yan Yiming Progress in study of XRF system with X-ray lens 69906
Ding Xunmin *see* Lu Xuekun 83856
Ding Xunmin *see* Xunmin Ding
Ding Xunming *see* Xunming Ding
Ding Ying *see* Ying Ding
Ding Yuzheng *see* Yuzheng Ding
Ding Zhenfeng *see* Ren Zhaoxing 64028
Ding Zhengping *see* Zhengping Ding
Ding Zhi *see* Zhi Ding
Ding-An Chiang *see* Chi-Ming Chung 77926
Ding-Gou Huang *see* Nan-Ying Yu 80414
Ding-Ming Kwai, Parhami, B. FFT computation with linear processor arrays using a data-driven control scheme 108305
Ding-Wei Huang *see* Jian-Jang Huang 65304
Ding-Wei Huang *see* Yang, C.C. 116514
Dingbo Kuang *see* Kuang Dingbo
Dingding Chang, Hashimoto, S. Feature detection of moving images using a hierarchical relaxation method 97908
Dinger, A. *see* Hetterich, M. 74166
Dinggang Shen, Feihu Ei Adaptive image segmentation by neural network 97935
Dinggang Shen *see* Feihu Qi 98007
Dinggang Shen *see* Shen Dinggang
Dingjia Xin *see* Xin Dingjia
Dingjia Xing *see* Jianping Fan 117547
Dingley, C. *see* Blignaut, C.G. 102088
Dingley, C. *see* Miller, K. 102093
Dingley, C.E. A fundamental look at the allocation of capacity charges 101797
Dingley, C.E. *see* Holmes, T.E. 102146
Dingley, C.E. *see* Schonbee, C.M. 101833
Dingley, C.E. *see* Sellick, R.L. 102086
Dingley, C.E. *see* Smit, E. 103194
Dingley, D.J. *see* Field, D.P. 94849
Dingli Yu, Shields, D.N., Daley, S. A bilinear fault detection observer and its application to a hydraulic drive system 92332
Dingli Yu *see* Shields, D.N. 103491
Dingqin, C. *see* Jiancheng, X. 114642
Dingrong Shao *see* Shao Dingrong
Dingsan Gao *see* Gao Dingsan
Dingsheng Wang *see* Lieping Zhong 75181
Dingus, B.L. *see* Cuddapah, R. 101028
Dingwell, J.B., Davis, B.L. A rehabilitation treadmill with software for providing real-time gait analysis and visual feedback 80422
Dingxiang Wu *see* Wu Dingxiang
Dingyan Tang *see* Chuangtian Chen 65518
Dingyuan Tang *see* Tang Dingyuan
Dingzhong Tan *see* Tan Dingzhong
Dinh, A.P.N. *see* Ang, D.D. 61073
Dinh, T.N., Nigmatulin, B.I., Nurgaliev, R.R., Rassokhin, N.G. Assessment of the thermal load when molten debris interact with a VVER reactor vessel during a severe accident 71098
Dinh Tao Pham *see* Pham Dinh Tao
Dini, D.C. *see* Mazzali, C. 64656
Dini, P., Bochmann, G.V. Automatic reconfiguration for runtime feature-interaction resolution in an object-oriented environment [telecommunication systems] 67672
Dinis, M., Chaves, I., Costa, F., Neves, J. Location and paging area definition and its impact on mobile satellite networks mobility management signalling 109419
Dinis, M., Neves, J. Mobility management signalling in satellite mobile networks 68261
Dinis, M. *see* Santos, V. 68192
Dinis, R., Montezuma, P., Gusmao, A. Performance trade-offs with quasi-linearly amplified OFDM through a two-branch combining technique 117939
Diniz, J.A., Tatsch, P.J., Pudenzi, M.A.A. Oxynitride films formed by low energy NO^+ implantation into silicon 114879
Diniz, P.S.R. *see* Caloba, L.P. *(editor)* 72074
Dinkel, J., Reilly, R. An upgraded proton injection kicker magnet for the Fermilab MIR 89743
Dinkel, J. *see* Hanna, B. 100714
Dinkel, J.A. *see* Jensen, C.C. 89744
Dinoev, S.K. *see* Bachvarov, S.G. 85371
Dinter, H., Racky, B., Tesch, K. Neutron dosimetry at high energy accelerators 90662
Dinu, L. *see* Miron, D. 71918
Dinu, L. *see* Miron, D. 76324
Dinzey, W., Laucht, C.M., Arnason, A.N. Comparison by simulation of fixed and dynamic routing telephone networks while under the influence of overload 77898
Dio, M.Di *see* Di Dio, M.
Diodati, A. *see* Ceresara, L. 92907
Dion, J.M. *see* Banzanella, A.S. 101965
Dion, M. Building in reliability (BIR) with critical nodes 60730
Dion, M., Levesque, P., Wasilewski, Z.R., Fallahi, M., Chatenoud, F., Williams, R.L., Rolfe, S.J. Effect of p-dopant positioning in low-threshold, InGaAs/GaAs/AlGaAs, MQW GRINSCH lasers with GaAs etch-stop layer for multi-wavelength applications 96303
Dion, M. *see* Fallahi, M. 96400
Dion, M. *see* Koteles, E.S. 65366
Dion, M. *see* Poole, P.J. 85321
Dion, M. *see* Poole, P.J. 96038
Dionigi, M., Esposito, A., Tarricone, L., Sorrentino, R. Optimum port numbering in the electromagnetic simulation of complex networks 83350
Dionigi, M., Tarricone, L., Sorrentino, R. A general method for mode selection in mode matching analysis of complex waveguide structures 93055
Dionigi, M. *see* Esposito, A. 93052
Dionigi, M. *see* Tarricone, L. 93740
Dionisio, C. Detection and localization of lost objects by SAR technique 109793
Dionne, G.F., Oates, D.E., Temme, D.H., Weiss, J.A. Ferrite-superconductor devices for advanced microwave applications 93698
Dionne, N.J. End-to-end electron beam modeling in O-type devices 105050
Dionysian, R., Ercegovac, M.D. Vector quantization with variable-precision classification 117846
Diorio, C. *see* Minch, B.A. 62067
Diorio, C. *see* Minch, B.A. 106233
D'Iorio, M., Stewart, D., Brown, D., Noel, J.-P., Scott-Thomas, J. Magneto-transport study of 2D hole gases in Si/SiGe/Si double heterostructures 62911
D'Iorio, M. *see* Furneaux, J.E. 106038
D'Iorio, M. *see* Pudalov, V.M. 106037
D'Iorio, M.D., Stewart, D., Deblois, S., Brown, D., Noel, J.-P. Re-entrant metal-insulator transitions in Si-SiGe-Si heterostructures 105432
Dios, F. *see* Artigas, D. 106843
Dios-Levya, M.De *see* De Dios-Levya, M.
Dios-Leyva, M.de *see* de Dios-Leyva, M.
Diot, C., De Simone, R., Huitema, C. Automated design of communication protocols using ESTEREL 98453
Diot, C. *see* Braun, T. 73361
Diot, C. *see* Roca, V. 118089
Diouri, J. *see* Afif, K. 83933
Diouris, J.F., Brunet, M., Saillard, J., Tarot, A.D., Sharahia, A., Terret, C., Sheta, A.F., Coupez, J.P., Toutain, S., Blot, J.P. Multisensor receiver for mobile radiocommunications: an experimental study 68124
Diouris, J.F. *see* Feuvrie, B. 78391
Dioury, K. *see* Combes, M. 73514
Dip, A. Fast thermal processing: Batch comes back 84065
Dipace, A. *see* Bulfone, D. 76053
Dipace, A. *see* Walker, R.P. 96521
Dipalma, M. *see* Nussbaum, G.H. 69995

Dipankar Raychaudhuri *see* Reininger, D.J. 98367
DiPaolo, A. *see* Harris, D.A. 112763
DiPerna, R. *see* Jacobson, B. 91619
DiPerna, V.L. *see* Van Andrews, G. 93165
DiPeso, G. *see* Vahedi, V. 62546
DiPietro, R.A. *see* Allen, R.D. 105786
DiPietro, R.A. *see* Kunz, R.R. 105789
DiPirro, M.J. *see* Canavan, E.R. 111155
DiPirro, M.J. *see* Shirron, P.J. 111156
DiPirro, M.J. *see* Tuttle, J.G. 111055
Dipnaik, A.B. *see* Kotwal, P.P. 81431
Dippo, P. *see* Dhere, R.G. 112367
D'Ippolito, D.A. *see* Moroz, P.E. 117012
D'Ippolito, F. *see* Alonge, F. 111995
Dipti Srinivasan, Chang, C.S., Swee Sien Tan One-day ahead electric load forecasting with hybrid fuzzy-neural networks 101762
Dirac, H. *see* Mullenborn, M. 84623
Dirassen, B. *see* Vendik, I. 106733
Director, S.W. *see* Jacome, M.G. 112851
Director, S.W. *see* Shepelev, V.A. 113673
Dirina, L.D. *see* Lipets, A.U. 102450
Dirk, C.W. *see* Garvey, D.W. 85657
Dirk, C.W. *see* Garvey, D.W. 106804
Dirks, E. *see* McLaren, P.G. 81146
Dirks, E. *see* McLaren, P.G. 102261
Dirks, E.N. *see* McLaren, P.G. 81140
Dirks, E.N. *see* Mclaren, P.G. 102274
Dirks, H.K. Quasi-stationary fields for microelectronic applications 65612
Dirks, R. SF_6-insulated load switchgear for the medium-voltage distribution network 102893
Dirks, R. Inexpensive SF_6 switchgear for network stations without cable switches 121787
Dirksen, T. Hewlett-Packard's experience with the German Blue Angel eco-label 72387
Dirkx, E. *see* Liu, W. 78277
Dirkx, E. *see* Liu, W. 87847
Dirkx, E. *see* Steenhaut, K. 78009
Dirr, S. *see* Kowalsky, W. 106994
Disch, S.B. *see* Kirmse, K.H.R. 63333
DiScipio, W. *see* Mattis, J. 72378
Disgecmez, A. *see* Dijon, J. 107465
Dishan Huang *see* Huang Dishan
Dishliev, A.B. *see* Bainov, D.D. 72664
Diskus, C.G. Microwave sensing 104865
Diskus, C.G., Bergamaschi, C., Schefer, M., Patrick, W., Klepser, B.-U.H., Baechtold, W. Small and large signal model of a 150 GHz InAlAs/InGaAs HEMT 63764
Dislis, C., Jalowiecki, I.P. Economics modelling and optimisation of MCM test strategies 73909
Disselnkotter, R. Automized magnetic hysteresis measurement system 69453
Distante, A. *see* Branca, A. 97993
Distante, A. *see* Branca, A. 117880
DiStefano, S. *see* Lien-Chang Wang 72879
Diston, D.J., Weller, B.R.C. Issues in the flight clearance of vehicle management systems 120935
Disz, T. *see* Hudson, R. 98284
dit Picard, C.Louis *see* Louis dit Picard, C.
Dit-Yan Yeung *see* Kwok-Wai Cheung 86431
Dit-Yan Yeung *see* Kwok-Wai Cheung 86684
Ditmire, T., Rubenchik, A.M., Eimerl, D., Perry, M.D. Effects of cubic nonlinearity on frequency doubling of high-power laser pulses 65410
Ditmire, T., Tisch, J.W.G., Fraser, D.J., Marangos, J.P., Hay, N., Hutchinson, M.H.R., Donnelly, T., Falcone, R.W., Perry, M.D. High-order harmonic generation in large molecules and atomic clusters 107514
Ditrick, N. *see* Bayruns, R. 79140
Dittmar, E. *see* Dieterle, W. 101846
Dittmar, E. *see* Kochs, H.-D. 70681
Dittmer, A.L. *see* Richman, E.E. 71879
Dittmer, K.J. *see* Poech, M.-H. 112912
Ditto, K.G. New testing tools for broadband fibre-optic networks 99466
Dittrich, A. The ANDROMEDA platform 98598
Dittrich, A. *see* Tschichholz, M. 78064
Dittrich, H. *see* Walter, T. 92941
Dittrich, T., Kliefoth, K., Sieber, I., Rappich, J., Rauscher, S., Timoshenko, V.Yu. Electronic properties of thin Au/nanoporous-Si/n-Si structures 94599
Dittrich, T., Sieber, I., Rauscher, S., Rappich, J. Preparation of thin nanoporous silicon layers on n- and p-Si 92792
Dittrich, T. *see* Konstantinova, E.A. 94309
Dittrich, T. *see* Timoshenko, V.Yu. 94299
Dittrich, T. *see* Timoshenko, V.Yu. 94314
Dittschar, A., Zharnikov, N., Kuch, W., Schneider, C.W., Kirschner, J. Magnetism and structure of ultrathin FCC Fe_xCo_{1-x} films on Cu(001) 75081
Ditzel, E., Hoogduin, J.M., Backe, H., de Boer, F.W.N., Bokemeyer, H., Debowski, M., van Klinken, J., Salabura, P., Wollersheim, H.J., Xie, H. Doppler-corrected spectroscopy of conversion electrons with mini-Oranges after heavy-ion collisions 100992
Divakar, B.P., Ioinovici, A. Zero-voltage-transition converter with low conduction losses operating at constant switching frequency 121728
Divakaruni, S. *see* Giacalone, G. 73368
Divall, E.J., Edwards, C.B., Hirst, G.J., Hooker, C.J., Kidd, A.K., Lister, J.M.D., Mathumo, R., Ross, I.N., Shaw, M.J., Toner, W.T., Visser, A.P., Wyborn, B.E. Titania-a 10^{20} W cm^{-2} ultraviolet laser 65036
Divan, D. *see* Bhattacharya, S. 111464
Divan, D. *see* Widjaja, I. 63592
Divan, D. *see* Murthy, S.S. *(editor)* 103290
Divan, D.M. *see* Bhattacharya, S. 70647
Divan, D.M. *see* Bhattacharya, S. 70690
Divan, D.M. *see* Bhattacharya, S. 121700
Divan, D.M. *see* Chandorkar, M.C. 112121
Divan, D.M. *see* Julian, A. 71421
Divan, D.M. *see* Po-Tai Cheng 70658
Divan, D.M. *see* Po-Tai Cheng 120990
Divan, D.M. *see* Veltman, A. 112447
Divavin, V.A. *see* Gusev, V.K. 107815
Diviacco, B. *see* Walker, R.P. 100451
Diviani, D. Voice integration between the MAN and the ATM WAN infrastructure 118285
Divin, V.D. *see* Vitsinskii, S.A. 85369
Divina, L., Skvor, Z. Experimental verification of a distributed amplifier oscillator 114313
DiVincenzo, D.P., Shor, P.W. Fault-tolerant error correction with efficient quantum codes 117258
Divisek, J. *see* Achenbach, E. 81858
Divsalar, D. *see* Ho-Kyoung Lee 66520
Diweritz, L. *see* Ramsteiner, M. 62994
Dix, W.R., Besch, H.J., Graeff, W., Hamm, C.W., Illing, G., Kupper, W., Lohmann, M., Meinertz, T., Menk, R.H., Reime, B., Rust, C., Schildwaechter, L., Walenta, A.H. Intravenous coronary angiography with synchrotron radiation 70096
Dixin Zhang *see* Zhang Dixin
Dixit, A. *see* Gupta, V. 78057
Dixit, M.S., Armitage, J.C., Bouius, D., Diaconescu, L., Dubeau, J., Grabari, M., Johns, P.C., Karlen, D., Oakham, F.G. Digital X-ray imaging using gas microstrip detectors 101308
Dixit, P.N. *see* Kumar, S. 104142
Dixit, P.N. *see* Panwar, O.S. 105540
Dixit, R. Microwave and millimeter-wave applications in automotive electronics 91919
Dixit, R. Automotive radars–development status 91920
Dixit, S., Elby, S. Frame relay and ATM interworking 77591
Dixit, S.N., Rushford, M.C., Thomas, I.M., Perry, M.D. Continuous contour phase plates for tailoring the focal plane irradiance profile 85735
Dixmier, J. *see* Cuniot, M. 94897
Dixon, A., Evans, R., Walker, J., Cahill, L., Gaizauskasz, R., Higginson, J. POETIC: a system for automatic detection and broadcasting of road congestion information 99733
Dixon, A.C. *see* Low, M.K. 60749
Dixon, A.C. *see* Low, M.K. 109268
Dixon, A.K. *see* Hanka, R. 86363
Dixon, B.G., Walsh, M.A., III, Phillips, P.G., Morris, R.S. Generation of amorphous ceramic capacitor coatings on titanium using a continuous sol-gel process 72959
Dixon, C. *see* Ming Kaan Low 78259
Dixon, C.S. *see* Cox, M.E. 79082
Dixon, D., Kouwenhoven, L.P., McEuen, P.L., Nagamune, Y., Motohisa, J., Sakaki, H. Influence of energy level alignment on tunneling between coupled quantum dots 74383
Dixon, D., Kouwenhoven, L.P., McEuen, P.L., Nagamune, Y., Motohisa, J., Sakaki, H. Linear and non-linear transport through coupled quantum dots 105414
Dixon, D. *see* Kouwenhoven, L.P. 105407
Dixon, F. *see* Pasqualino, C.R. 109583
Dixon, G.J., Miesak, E.M., Wigley, P.J., Zhang, Q. Passively locked resonantly enhanced nonlinear frequency conversion 65517
Dixon, I.R., Walsh, R.P., Markiewicz, W.D., Swenson, C.A. Mechanical properties of epoxy impregnated superconducting solenoids 95570
Dixon, I.R. *see* Cox, A.W. 95586
Dixon, I.R. *see* Markiewicz, W.D. 95537
Dixon, J. Experience with competency based training for electrical maintenance within hazardous areas 60528
Dixon, J., Tepper, S., Moran, L. Practical evaluation of different modulation techniques for current-controlled voltage source inverters 102843
Dixon, J. *see* Moran, L. 121106
Dixon, J. *see* Popovic, Z. 88106
Dixon, J.L. *see* Hughen, J.H. 119286
Dixon, J.W., Rivarola, J.N. An improved method to measure speed in induction motors, based on induced irregularities 71296
Dixon, J.W., Rivarola, J.N. Induction motor speed estimator and synchronous motor position estimator based on a fixed carrier frequency signal 102612
Dixon, M.W., Cole, G.R., Bellgard, M.I. Using the Hopfield neural network with mean field annealing to solve the shortest path problem in a communication network 67599
Dixon, R.C. Cells-In-Frames: a system overview 98679
Dixon, R.S. Argus: a future SETI telescope 79108
Dixson, R., Schneir, J., McWaid, T., Sullivan, N., Tsai, V.W., Zaidi, S.H., Brueck, S.R.J. Toward accurate linewidth metrology using atomic force microscopy and tip characterization 115280
Dixson, R., Sullivan, N., Schneir, J., McWaid, T., Tsai, V.W., Prochazka, J., Young, M. Measurement of a CD and sidewall angle artifact with two dimensional CD AFM metrology 115084
Dixson, R. *see* Schneir, J. 68959
Diyankov, V.S., Kovalev, V.P., Kormilitsyi, A.I., Lavrent'ev, B.P. High-power pulse generators for bremsstrahlung and electron beams using inductive energy accumulators 119961
Diyuan Ren *see* Guoqiang Zhang 84391
Diyuan Ren *see* Yuanfu Zhao 94736
Dizaji, H.R., Dhanasekaran, R. Simulation studies of liquid phase epitaxial growth of $In_{1-x}Ga_xAs$ 82616
Dizaji, H.R., Dhanasekaran, R. A theoretical approach to the $In_{1-x}Ga_xP$ LPE growth by computer simulation technique 104033
Dizaji, H.Rezagholipour *see* Rezagholipour Dizaji, H.
Dizdarevic, N., Tesnjak, S. A comprehensive approach to dynamic simulation of voltage collapse phenomenon 101954
Djadi, Y., Kwasniewski, T.A., Chan, C., Szwarc, V. A high throughput programmable decimation and interpolation filter 93473
Djafari Rouhani, M. *see* Fazouan, N. 82628
Djafari-Rouhani, M. *see* Camon, H. 74608
Djahanshahi, H., Ahmadi, M., Jullien, G.A., Miller, W.C. Design and VLSI implementation of a unified synapse-neuron architecture 93646
Djahanshahi, H., Ahmadi, M., Jullien, G.A., Miller, W.C. A modular architecture for hybrid VLSI neural networks and its application in a smart photosensor 104752
Djahli, F., Selmani, L. Microwave simulation: the X antenna; empirical optimisation of the reduced model 108088
Djama, F. *see* Colledani, C. 69807
Djavanshir, R., Khorramshahgol, R. A review and evaluation of networking technologies 109082
Djayaprawira, D.D. *see* Shimatsu, T. 106530
Djayaprawira, D.D. *see* Shimatsu, T. 106531
Djemel, M., Derbel, N., Kamoun, M.B.A. On the reduction methods of linear models. Application to synchronous machine 81423
Djemel Ziou, Shengrui Wang Isotropic processing for gradient estimation 86436
Djennah, M., Bandelier, B., Rioux-Damidau, F. Computation of eddy-currents in multiply-connected domains 107785
Djessas, K. *see* Masse, G. 94336
Djeu, N. *see* Phomsakha, V. 96865
Djidi, K. *see* Costa, M. 90231
Djidi, K. *see* Costa, M. 100982
Djoa, K.K., De Jong, N., Cromme-Dijkhuis, A.H., Lancee, Bom, N. Two decades of transesophageal phased array probes 70037
Djokic, S.S., Lepard, R.H., Dubois, M.L., Currie, J.C. Behavior of silver coated particles at elevated temperatures and under humid conditions 61448
Djokovic, I., Vaidyanathan, P.P. On optimal analysis/synthesis filters for coding gain maximization 66826
Djordjev, K.D. *see* Boyanov, B.I. 106436
Djordjevic, A.B. Discharge curves computed from the power developed across the internal resistance of a cell 112188
Djordjevic, A.R. *see* Roy, T. 97079
Djordjevic, A.R. *see* Roy, T. 97092
Djordjevic, D.R. *see* Rancic, P.D. 70987
Djordjevic, D.R. *see* Rancic, P.D. 111674
Djordjevic, D.R. *see* Stajic, Z.P. 81164
Djordjevic, V. *see* Batishcheva, A.A. 82555
Djordjevic, V.B. *see* Nahman, J.M. 102265
Djordjevic, V.B. *see* Nahman, J.M. 102266
Djordjevich, A., Boskovic, M. Curvature gauge 79466
Djorgovski, S.G. *see* de Carvalho, R.R. 77082
Djoubrailov, K. *see* Minkov, T. 101772
Djubua, B.C., Chubun, N.N., Utkalova, L.I. Thermal field electron emission from Ir-La alloy and LaB_6 73944
Djukanovic, M., Babic, B., Milosevic, B., Sobajic, D.J., Yoh-Han Pao Fuzzy linear programming based optimal fuel scheduling incorporating blending/transloading facilities 70799
Djuknic, G. *see* Karlsson, G. 118616
Djupsjobacka, A. *see* Niburg, M. 119218
Djurdjevic, D.Z., Popovic, B.D. Entire-domain analysis of thin-wire antennas in layered media 108047
Djuric, M. *see* Terzija, V. 90964
Djuric, M.B. *see* Radojevic, Z.M. 121090
Djuric, M.B. *see* Terzija, V.V. 91236
Djuric, M.B. *see* Terzija, V.V. 101719
Djuric, M.B. *see* Terzija, V.V. 121264
Djuric, P.M. A model selection rule for sinusoids in white Gaussian noise 77037
Djuric, P.M. A novel approach to rank determination of multichannel data covariance matrices 117474
Djuric, P.M. *see* Begovic, M.M. 121030
Djuric, P.M. *see* Jong-Kae Fwu 117502
Djuric, P.M. *see* Jung-Lin Pan 118969
Djuric, P.M. *see* Li, H.-T. 97737
Djuric, P.M. *see* Li, H.-T. 97738
Dlodlo, M.E., Hara, S. Theoretical analysis and simulation of burst-and-random-error-prone direct sequence CDMA channels 78475
Dlouhy, D. *see* Pust, L. 110337
Dlugaszek, A. *see* Peshko, I. 107680
Dmitrenko, I.M. *see* Banduryan, B.B. 79519
Dmitrienko, A.A., Konev, V.V. On sequential classification of autoregressive processes with unknown variance of noise 76941

Dmitriev, A. *see* Saposhnikov, Vl.V. 104473
Dmitriev, A.S., Panas, A.I., Starkov, S.O. Ring oscillating systems and their application to the synthesis of chaos generators 104389
Dmitriev, D.O., Kurbatov, P.A., Ryabinin, S.B., Terekhov, Yu.N., Frolov, M.G. Magnetoelectrical vibrational drives. Application and design 81930
Dmitriev, S.G., Markin, Yu.V. Anomalous Schottky effect at a semiconductor-insulator interface 94622
Dmitriev, S.G., Spiridonov, K.I., Shagimuratov, O.G. Thresholds for the appearance of deep impurity levels in metal-AlGaAs/GaAs structures 94583
Dmitriev, V.A., Irvine, K.G., Edmond, J.A., Carter, C.H., Jr., Kuznetsov, N.I., Zubrilov, A.S., Kalinina, E.V., Tsvetkov, D.V. Nitride pn junctions grown on SiC substrates 115144
Dmitriev, V.A. *see* Bulman, G.E. 65240
Dmitriev, V.A. *see* Bulman, G.E. 96329
Dmitriev, V.A. *see* Kalinina, E.V. 74474
Dmitriev, V.A. *see* Melnik, Yu.V. 104065
Dmitriev, V.A. *see* Nikolaev, A.E. 105215
Dmitriev, V.G. On the paper by N.B. Baranova, M.A. Bolshtyanskii, and B.Ya. Zel'dovich "Adiabatic energy transfer from a pump wave to its second harmonic" 85580
Dmitriev, V.G. *see* Son, J.-Y. 96755
Dmitriev-Zdorov, V.B. Generalized coupling as a way to improve the convergence in relaxation-based solvers 113666
Dmitriyev, A.K. *see* Bagayev, S.N. 96113
Dmitriyev, A.L., Nurmukhamedov, L.Kh. Volume holograms in the optical devices of optical-fiber data transmission systems. A review 88502
Dmowski, K. *see* Losson, E. 110322
Dmowski, L. *see* Gassot, P. 62974
Dmowski, W., Egami, T., Kelly, D., Schuller, I. Interfacial roughness of Fe-Cr GMR superlattices 75193
Do, J.H. *see* Park, J.T. 77799
Do, J.Y., Chung, J.W., Chang, K.H., Lee, Y.J. Adsorbed mass on stainless steel surface artifact weights 110399
Do, L.M., Oyamada, M., Koike, A., Han, E.M., Yamamoto, N., Fujihira, M. Morphological change in the degradation of Al electrode surfaces of electroluminescent devices by fluorescence microscopy and AFM 85304
Do, L.M. *see* Han, E.M. 85303
Do, M.A. *see* Lim, T.K. 86654
Do, N. *see* Matteo, A.M. 95885
Do, T.Q. *see* Yang, M.J. 84458
Do, T.V. *see* Marsan, M.A. 117995
Do, Y.R. *see* You, Y.C. 95979
do Brasil, D.O.Campones *see* Campones do Brasil, D.O.
do Carmo, L.C.S. *see* Baldacchini, G. 95942
do Carmo, M.C. *see* Daly, S.E. 74123
Do Jae-Hyuk *see* Jae-Hyuk Do
Do Jin-Yeol *see* Jin-Yeol Do
Do Joon Yoo, Soon Ja Park Electrolysis of water in CuO/ZnO heterocontact humidity sensor 69026
Do Kim Seung *see* Seung Do Kim
Do Kyeong-Hoon *see* Kyeong-Hoon Do
Do Kyoeng-Hoon *see* Kyoeng-Hoon Do
Do Lee Dong *see* Dong Do Lee
Do Lee-Mi *see* Lee-Mi Do
Do Mi Sun *see* Mi Sun Do
Do Namkung *see* Bong-Hwan Oh 102183
do Nascimento Neto, S., de Oliveira Nascimento, F.A. Hybrid adaptive image coding: transform coding and vectorial classification approach for bit allocation 97964
Do Prado, R.N. A survey of the behavior of zero-voltage switching quasi-resonant converters with a nonlinear resonant inductor 71517
do Prado, R.N., Bonaldo, S.A., Moreira, M.C., Vidor, D.L.R. Electronic ballast with a high power factor for fluorescent lamps 122079
Do Run Kim, Il Jin Park, Jong Ho Kim, Kie Yong Nam, Koan Sik Joo, Seung Hwa Beack, Chin Soo Hone, Woong Beom Pyun A study on the suitability of medical techniques for BGO scintillators 90343
Do Sang Kim *see* Cheong Lai Jo 103670
Do Sang Kim *see* Gue Myung Lee 103678
Do Sang Kim *see* Hun Kuk 103677
do Vale, A.A. *see* Vale, Z.A. 101859
Do Xuan-Dai *see* Xuan-Dai Do
Do-Heyoung Kim, Jun Ju Kim, Park, J.W., Kim, J.J. Stability of TiN films prepared by chemical vapor deposition using tetrakis-dimethylamino titanium 113492
Do-Hoon Hwang *see* Hong-Ku Shim 76156
Do-Hoon Kwon *see* Burkholder, R.J. 116851
Do-In Choi, Ho-Seong Kim A study on the optical CT and PT using photoelastic effect of an optical fiber 110188
Do-Ky Hien *see* Hien Do-Ky
Do-Kyeong Ko, Gwon Lim, Sung Ho Kim, Jongmin Lee Dual-wavelength operation of a self-seeded dye laser oscillator 65053
Do-Kyeong Ko, Sung Woo Lee, Sung Ho Kim, Jongmin Lee Operating characteristics of a β-BaB_2O_4 optical parametric oscillator 85619
Do-Kyeong Ko *see* Sung Ho Kim 96130
Do-Nhat, T., MacPhie, R.H. Quasi-translational addition expressions of prolate scalar wave functions for thin prolate spheroids 85824
Do-Nyon Kim *see* Young-Mi Ohk 68911
Do-Wan Kim *see* Hyang-Beom Lee 102720
Do-Young Lee *see* Seung-Jong Park 118960
Doan, K.S., Plourde, F., Poisson, R. Space correlation measurements in a forced shear layer with wall injection 80574
Doan, N. *see* Liu, L. 95143
Doane, J.L. *see* O'Neill, R.C. 105029
Doane, J.W., St. John, W.D., Lu, Z.J., Yang, D.K. Stabilized and modified cholesteric liquid crystals for reflective displays 85117
Doane, J.W. *see* Fritz, W.J. 85143
Doane, J.W. *see* Leroux, N. 106877
Doane, J.W. *see* Pfeiffer, M. 85142
Doane, J.W. *see* Pirs, J. 75612
Doane, J.W. *see* St. John, W.D. 89246
Dobaczewski, L. *see* Jia, Y.B. 94328
Dobaczewski, L. *see* Jia, Y.B. 105345
Dobal, P.S., Bist, H.D., Manivannan, A., Katiyar, R.S., Mehta, S.K., Jain, R.K. Polarization effects in AlGaAs single quantum well laser structure 116485
Dobal, P.S., Bist, H.D., Morell, G., Reynes-Figueroa, A., Manivannan, A., Katiyar, R.S., Mehta, S.K., Jain, R.K. Anisotropic photoluminescence characteristics of $Al_{0.08}Ga_{0.92}As$ single quantum well laser structure 116481
Dobashi, Y. *see* Yuasa, K. 112596
Dobashii, T., Umezawa, T., Sasaki, K., Noya, A. Dissipation factor of thin film capacitor fabricated by anodizing periodic Al/Hf multi-layered films 73829
Dobbe, N. *see* Noomen, J.G. 100546
Dobbelaere, F. *see* Haelvoet, K. 119569
Dobbelaere, P.De *see* De Dobbelaere, P.
Dobberpuhl, D.W. *see* Montanaro, J. 73430
Dobbertin, H. Cryptanalysis of MD4 66504
Dobbertin, H., Bosselaers, A., Preneel, B. RIPEMD-160: a strengthened version of RIPEMD 66505
Dobbertin, H. *see* Cusick, T.W. 76793
Dobbie, W.H. *see* Mills, G.S. 119365
Dobbins, B.N. *see* Ju Xiangyang 119950
Dobbins, J.A. *see* Rogers, J.T. 100525
Dobbins, P.F., Heald, G.J. Automated transducer array optimisation 68735
Dobeck, N. *see* Martin, E.J. 100736
Dobershtein, S.A., Malyukhov, V.A. Comparative performances of 460 MHz low-loss SAW ring and dual-track image impedance connected filters 104663
Dobershtein, S.A., Martynov, A.V., Malyukhov, V.A. Hybrid SAW integrated modules with RFA and VCO for mobile transceivers 106414
Dobes, M. Pre-processing of the fingerprint image 67220
Dobias, F. Base station antenna for mobile communication to vehicles with adaptive suppression of interferences 76658
Dobinson, R.W., Francis, D., Heeley, R., Moonen, J.R. Triggering and event building results using the C104 packet routing chip 90233
Dobisz, E.A., Koops, H.W.P., Perkins, F.K. Simulation of scanning tunneling microscope interaction with resists 74649
Dobkin, V.G. *see* Prokhorov, A.M. 70216
Doblare, M. *see* Dominguez-Hernandez, J. 61101
Doble, I.R. *see* Barnes, S.R. 72204
Dobler, B. *see* Singer, W. 69532
Dobler, C. *see* Pombacher, F. 114384
Dobler, M. *see* Schleupen, K. 83096
Dobner, H.-J. An error controlling Nystrom method 72704
Doboli, A. *see* Eles, P. 113684
Dobos, L. *see* David, L. 94568
Dobosiewicz, W., Gburzynski, P. A bounded-hop-count deflection scheme for Manhattan-street networks 87436
Dobrocka, E. *see* Osvald, J. 105443
Dobrokhotov, V.I., Shpil'rain, E.E. Alternative renewable sources of energy: problems and prospects 102350
Dobrosavljevic, Z.S., Dukic, M.L. A method of spread spectrum radar polyphase code design by nonlinear programming 88663
Dobrota, V., Miron, C., Zinca, D., Cosma, M., Cristurean, F. Simulator for bandwidth management in ISDN 98798
Dobrov, B.V. *see* Napartovich, A.P. 96372
Dobrowiecki, T.P., Louage, F., Meszaros, T., Roman, G., Pataki, B. Will measurement instruments turn into agents? 119555
Dobrowolska, M. *see* Xin, S.H. 82699
Dobrowolski, J.A. *see* Li, L. 89377
Dobrushin, R.L. *see* Bassalygo, L.A. 117123
Dobrushin, R.L. *see* Vvedenskaya, N.D. 118061
Dobrychlop, P. *see* Bialko, M. 93575
Dobrzanski, J.R., Smith, M.C., Roeder, R.S. Spaceborne radar altimetry 111239
Dobrzanski, J.R. *see* Abernathy, P.C. 109739
Dobson, C. Future telecommunication directions and implications 77806
Dobson, F.W. *see* Vachon, P.W. 120853
Dobson, K., Yang, J., Whitney, N., Smart, K., Rigstad, P. A low complexity wavelet based audio compression method 86091
Dobson, M.C., Pierce, L.E., Bergen, K.M., Ulaby, F.T. Temporal stability of northern forest biophysical retrievals using SIR-C/X-SAR 120707
Dobson, M.C. *see* Bergen, K.M. 120896
Dobson, M.C. *see* Kellndorfer, J.M. 120708
Dobson, P. On the motorway: a national approach. Developing a public libraries national network and national network services through the Library Association Millennium bid and Project EARL 67806
Dobson, S.J., Cox, A., Lu, K. Calculation and optimization of Narcissus using paraxial ray tracing 89147
Dobuzinsky, D. *see* Nguyen, S.V. 95239
Dobychin, B.M. *see* Avakyants, L.I. 107146
Dobyrn, V.V., Nemov, A.V. Adaptation of the maximum likelihood method to the spatial estimation of the angle of site 68566
doCanto, M. *see* Bacchetti, L.F. 85119
doCanto, M. *see* Pavelchek, E.K. 105817
Docchio, F. *see* Minoni, U. 116787
Docchio, F. *see* Sansoni, G. 66893
Docef, A., Smith, M.J.T. Application of motion compensated prediction to coding ultrasound video 90406
Docherty, T. *see* Woods, A. 97518
Docheru, I., Stanescu, A. Cooling towers between rehabilitation and retrofitting 102448
Docio, L. *see* Alba, J.L. 108514
Dockney, M.L., James, S.W., Tatam, R.P. Fibre Bragg gratings fabricated using a wavelength tuneable laser source and a phase mask based interferometer 69198
Dockney, M.L. *see* James, S.W. 79438
Docter, D.P. *see* Koehler, S.D. 65003
Docter, D.P. *see* Pusl, J.A. 83501
Dodabalapur, A., Katz, H.E., Torsi, L., Haddon, R. Heterojunction organic thin-film transistors 62503
Dodabalapur, A., Rothberg, L.J., Miller, T.M. Organic semiconductor microcavity LEDs for color emissive displays 89327
Dodabalapur, A. *see* Jordan, R.H. 107010
Dodabalapur, A. *see* Lovinger, A.J. 74299
Dodd, G. Managing a quality network service in a typical NHS organisation 67814
Dodd, P.E. Device simulation of charge collection and single-event upset 63527
Dodd, R.A. *see* Conrad, J.R. 63249
Doddrell, D.M. *see* Crozier, S. 85813
Doddrell, D.M. *see* Forbes, L.K. 110773
Dodds, D.E. *see* Zurburg, D. 77899
Dodds, R. *see* Smith, D. 60752
Dodds, R. *see* Smith, D. 110287
Dodds, R.E., Small, M., Smith, D.S. Leaded CRT-glass scrap: an alternative to landfilling 82353
Dodds, S.J. *see* Gu, X. 109677
Dodel, G., Skoog, I., Silant'ev, Yu. Concept for constructing a satellite radionavigation system of the next generation 109826
Dodel, H., Silantiev, J., Skoog, A.I. A German/Russian concept for a next generation navigation satellite system 99449
Doderer, T. *see* Lachenmann, S.G. 75358
Doderer, T. *see* Nevirkovets, I.P. 95507
Doderer, T. *see* Ochs, E. 95496
Doderer, T. *see* Quenter, D. 115964
Dodgson, M. *see* Bennet, J.M. 90165
Dodgson, N.A. *see* Moore, J.R. 100217
Dodick, J.M. *see* Lewin, P.A. 90570
Dodokhov, V. *see* Badura, E. 69804
Dodokhov, V. *see* Badura, E. 120203
Dods, S. *see* Zhong, W.D. 99035
Dodson, A.H., Shardlow, P.J., Hubbard, L.C.M., Elgered, G., Jarlemark, P.O.J. Wet tropospheric effects on precise relative GPS height determination 76418
Dodson, G. *see* Jacobs, K. 79916
Dodson, J. Tenaga Nasional Berhad application story–computerised customer information and billing system 102303
Dody, G., Burnette, T. BGA assembly and rework 83593
Dody, G., Burnette, T. BGA assembly process and rework 92239
Doebeli, M. *see* Ames, F. 100795
Doeff, M.M., Lei Ding, De Jonghe, L.C. Electrochemical characterization of orthorhombic Na_xMnO_2 for alkali metal polymer batteries 112285
Doeff, M.M., Richardson, T.J., Kepley, L. Lithium insertion processes of orthorhombic Na_xMnO_2-based electrode materials 121842
Doehler, J. *see* Izu, M. 112359
Doehn, M. *see* Knuttgen, D. 90530
Doel, G. *see* Maddocks, M.C.D. 119361
Doelman, A. The validation and integration of the TRIBUNE test-bed 118216
Doelman, J. *see* Griep, P. 110870
Doench, C. *see* Cinquemani, P.L. 121164
Doenni, A. *see* Schefer, J. 69680
Doerfel, I. *see* Sieber, I. 94320
Doerffer, K. *see* Wolf, H.G. 93017
Doerfler, P.K., Reisner, H.E. Managing the grid [hydroelectric spinning reserve] 101783
Doering, B. *see* Foster, L. 103411
Doering, E. *see* Linder, S. 74644
Doering, E.R. CircuitViz: a new method for visualizing the dynamic behavior of electric circuits 113640
Doermann, D., Rivlin, E., Weiss, I. Applying algebraic and differential invariants for logo recognition 108486
Doerner, M. *see* Qingzhi Peng 64224
Doerner, M.F. *see* Giljer, P. 64448
Doerner, M.F. *see* Mirzamaani, M. 115680

Doerner, R., Heymann, P., Prinzler, H. Determination of MMIC transmission line parameters from half-wavelength resonances 62361
Doerner, R. *see* Heymann, P. 114273
Doernhoefer, M. Surfing the Net for software engineering notes 109011
Doerr, C. *see* Glance, B. 78854
Doerr, C. *see* Glance, B. 99572
Doerr, C.R. Direct modulation of long-cavity semiconductor lasers 107304
Doerr, C.R. *see* Barry, R.A. 77948
Doerr, C.R. *see* Iannone, P.P. 109663
Doerr, C.R. *see* Kaminow, I.P. 77942
Doerr, C.R. *see* Zirngibl, M. 78935
Doerr, H.J. *see* Muggli, P. 79983
Doerschuk, P.C. *see* Shan Lu 66571
Doerschuk, P.C. *see* Wai Ying Kan 87204
Doerschuk, P.C. *see* Yibin Zheng 98022
Does, T.Van Der *see* Van Der Does, T.
Doesburg, T. *see* Galjee, M.A. 101273
Doesburg, T. *see* Holman, E.R. 69986
Doets, M. *see* Zhou, Z.-L. 110536
Doeven, J. Introduction of DAB in the Netherlands 88813
Dogadin, N.B. *see* Nogin, V.N. 104358
Dogan, A. *see* Fernandez, J.F. 72978
Dogan, A. *see* Koc, B. 106387
Dogan, A. *see* Tressler, J.F. 111375
Dogan, N.S. *see* Asumadu, J.A. 121775
Dogan, O.N., Hawk, J.A. Microstructure and abrasion resistance of Fe-TiC-M_7C_3 composite 92958
Dogaru, R., Murgan, A.T., Comaniciu, C. Fast signal recognition and detection using ART1 neural networks and nonlinear preprocessing units based on time delay embeddings 108386
Dogaru, R., Murgan, A.T., Ioan, D. Chains of discrete-time chaotic neural networks for generation of broadband signals with applications in improved ciphering systems 117263
Dogaru, R., Murgan, A.T., Ortmann, S., Glesner, M. A modified RBF neural network for efficient current-mode VLSI implementation 62130
Doge, G., Nollau, V. Semi-Markovian decision models with vector-valued reward 72448
Doh, K.B., Ting-Chung Poon, Indebetouw, G. Twin-image noise in optical scanning holography 85773
Doh, S.Y., Park, R.-H. Segmentation of statistical texture images using the metric space theory 117675
Doh, Y.H. *see* Lee, H.W. 87175
Doh Hoon Kim, Byung Sun Park, Hai Bin Chung, Jong Hyun Lee, Hyung Joun Yoo, Yong-Ho Oh KrF excimer laser lithography with a dummy diffraction mask 84265
Doh Hyun-Ho *see* Hyun-Ho Doh
Doh Sang Yoon *see* Min Jang 109255
Doh Sang-Yoon, Min Jang, Kwan-Hee Yoo Real-time multimedia stream transport system based on the high-speed network 109252
Dohata, M., Okamoto, A., Sato, K., Enbutsu, K. Properties of phase conjugate reflectivity of self-pumped four-wave mixing 65514
Doherty, A. *see* Brunton, J. 71849
Doherty, D.B. *see* Gove, R.J. 68866
Doherty, D.B. *see* Gove, R.J. 69424
Doherty, J.F., Narayan, S. Adaptive estimation of time-varying late potentials: technical and clinical aspects 120441
Doherty, J.F., Stark, H. Direct-sequence spread spectrum narrowband interference rejection using property restoration 109357
Doherty, P.H. *see* Vladimer, J.A. 120766
Doherty, P.W. *see* Korenberg, M.J. 117299
Doherty, V.J. Design and manufacture of the world's largest refractive zoom system 64859
Doherty-Sneddon, G. *see* O'Malley, C. 118527
Dohi, T. Computer aided surgery and micro machine 70185
Dohi, T., Okumura, Y., Higashi, A., Ohno, K., Adachi, F. Experiments on coherent multicode DS-CDMA 118865
Dohi, T., Okumura, Y., Higashi, A., Ohno, K., Adachi, F. Experiments on coherent multicode DS-CDMA 118940
Dohi, T., Sawahashi, M., Adachi, F. Performance of SIR based power control in the presence of non-uniform traffic distribution 68224
Dohi, T. *see* Adachi, F. 118939
Dohle, G.R., Drabik, T.J., Callahan, J.J., Martin, K.P. Low temperature bonding of epitaxial lift off devices with AuSn 96053
Dohle, G.Rainer *see* Rainer Dohle, G.
Dohleb, G.H. *see* Hilburger, U. 95817
Dohler, G.H. *see* Knupfer, B. 99510
Dohler, G.H. *see* Maizer, S. 82678
Dohler, G.H. *see* Schonhut, J. 63078
Dohler, G.H. *see* Schultz, J. 63074
Dohler, G.H. *see* Windisch, R. 106866
Dohlus, M., Marx, M., Holtkamp, N., Hulsmann, P., Muller, W.F.O., Kurz, M., Glock, H.-W., Klein, H. S-band HOM-damper calculations and experiments 89660
Dohlus, M. *see* Becker, U. 74070
Dohlus, M. *see* Becker, U. 83763
Dohlus, M. *see* Ko, K. 105049
Dohlus, M. *see* Krietenstein, B. 94187
Dohlus, M. *see* Romanov, G. 89958
Dohlus, R.M. *see* Khabiboulline, T. 100505
Dohmaru, T. *see* Hayashi, H. 96624
Dohmeki, H., Satomi, H., Iwasa, T. Basic characteristics of five-phase cylindrical linear pulse motors 102754
Dohndorf, J. *see* Schlussler, J.-U. 62115
Dohnke, K.-O. *see* Rupp, R. 103994
Dohnke, K.O. *see* Stein, R.A. 105586
Dohnomae, H. *see* Shimokawa, K. 84806
Dohrmann, F. *see* Albers, D. 69756
Dohun Kwon, Sarkies, K.W. Handover algorithm analysis combined with overlap conditions 118889
Dohya, A. *see* Nakamura, H. 62510
Doi, A., Shimuzu, T., Kyomoto, S. An operation support system for electric power systems 80863
Doi, A. *see* Akizuki, M. 92855
Doi, A. *see* Hinamoto, T. 66773
Doi, A. *see* Hinamoto, T. 73565
Doi, D. *see* Kee-Ho Yu 117610
Doi, H. *see* Hara, Y. 60581
Doi, K. Computer-aided diagnosis: potential usefulness in diagnostic radiology and telemedicine 80374
Doi, K., Hirano, N., Okada, T., Hiruta, Y., Sudo, T., Mukai, M. Prediction of thermal fatigue life for encapsulated flip chip interconnection 82233
Doi, K., Kakisada, E., Kato, T., Kuwahara, K., Takai, K., Imanishi, M. Sound chipset for personal computers 73457
Doi, K. *see* Kim, J.H. 62845
Doi, K. *see* Kobayashi, T. 101235
Doi, K. *see* Wei Zhang 80212
Doi, M. *see* Matsui, M. 75165
Doi, M. *see* Narui, H. 75996
Doi, M. *see* Ohska, T.K. 100980
Doi, N. *see* Esmailzadeh, R. 68225
Doi, N. *see* Esmailzadeh, R. 118983
Doi, N. *see* Shintani, A. 76879
Doi, T., Hayano, S., Saito, Y. Magnetic field distribution caused by a notebook computer and its source searching 69454
Doi, T., Hayano, S., Saito, Y. Wavelet solution of the inverse source problems 107698
Doi, T., Hayano, S., Saito, Y. Wavelet solution of the inverse parameter problems 107755
Doi, T., Tamari, K. Preparation and the magnetic properties of Co-γ-Fe_2O_3 perpendicular magnetic films on NiO underlayer 64367
Doi, T., Yoshida, S., Nakaya, Y., Hayano, S., Saito, Y. An application of the wavelets to the magnetic field source searching 70054
Doi, T. *see* Kawanami, H. 76247
Doi, T. *see* Yamamoto, S. 64426
Doi, T. *see* Yamaoka, H. 90189
Doi, T.J. *see* Maki, N. 115894
Doi, Y., Genda, K., Yamanaka, N. A multi-100-Gb/s high-speed ATM switch architecture based on internal speed-up space-division switch 98998
Doi, Y., Ohgane, T., Ogawa, E. ISI and CCI canceller combining the adaptive array antennas and the Viterbi equalizer in a digital mobile radio 109418
Doi, Y. *see* Genda, K. 118716
Doi, Y. *see* Naito, J. 69981
Doi, Y. *see* Ohizumi, N. 82182
Doi, Y. *see* Tsuchiya, K. 89626
Doi, Y. *see* Yamamoto, A. 89625
Doi Kunio *see* Kunio Doi
Doignon, C. *see* Werghi, N. 87251
Doinikov, N., Kukhtin, V., Lamzin, E., Mingalev, B., Severgin, Yu., Sytchevsky, S. The computation of the dynamic inductance of magnet systems and force distribution in ferromagnetic region on the basis of 3-D numerical simulation of magnetic field 89963
Doiny, G. *see* Khormaei, R. 89376
Dokas, V. *see* Mansour, R.R. 93695
Dokas, V. *see* Mansour, R.R. 95621
Dokas, V. *see* Mansour, R.R. 99401
Doke, T. *see* Okada, H. 90146
Doki, K. *see* Imura, S. 73455
Doki, S. *see* Okuma, S. 112439
Doki, S. *see* Tomita, M. 91549
Doki, S. *see* Tomita, M. 121510
Dokiya, M. *see* Horita, T. 71679
Dokiya, M. *see* Horita, T. 81831
Dokiya, M. *see* Nishiyama, H. 102966
Dokiya, M. *see* Rak-Hyun Song 81776
Dokiya, M. *see* Sakai, N. 81838
Dokiya, M. *see* Van Herle, J. 81857
Dokiya, M. *see* Yokokawa, H. 81846
Dokiya, M., Yamamoto, O., Tagawa, H., Singhal, S.C. *(editors)* Proceedings of the Fourth International Symposium on Solid Oxide Fuel Cells (SOFC-IV) 72057
Dokmeci, M.R. *see* Ziaie, B. 110926
Dokmeci, V., Berkoz, L. International telecommunications in Turkey 67701
Doko, T. *see* Inabayashi, Y. 112876
Dokopoulos, P. *see* Demoulias, C.S. 111866
Dokopoulos, P.S., Saramourtsis, A.C., Bakirtzis, A.G. Prediction and evaluation of the performance of wind-diesel energy systems 81365
Dolan, P.S., Nehir, M.H., Gerez, V. Development of a Monte Carlo based aggregate model for residential electric water heater loads 91939
Dolash, T. *see* Richter, P.I. 111212
Dolata, R. *see* Khabipov, M.I. 104460
Dolbeau, J. *see* Adam, W. 69709
Dolbilkin, B. *see* Huenger, A. 69838
Dolbilov, G.V., Azorsky, N.I., Fateev, A.A., Lebedev, N.I., Petrov, V.A., Sarantsev, V.P., Shvetsov, V.S., Yurkov, M.V., Balakin, V.E., Avrakhov, P.V., Chashurin, V.I., Kazakov, S.Yu., Solyak, N.A., Teryaev, V.E. Study of 14 GHz VLEPP klystron with RF absorbing drift tubes 94192
Dolbilov, G.V., Delahaye, J.-P., Fateev, A.A., Golubev, I.I., Ivanov, I.N., Johnson, C.D., Kosukhin, V.V., Lebedev, N.I., Petrov, V.A., Razuvakin, V.N., Saldin, E.L., Schneidmiller, E.A., Shvetsov, V.S., Yurkov, M.V. JINR test facility for studies FEL bunching technique for CLIC driving beam 96490
Dolbilov, G.V. *see* Fateev, A.A. 89608
Dolbin, A.V. *see* Rezinkin, O.L. 64123
Dolbow, J., Gosz, M. Effect of out-of-plane properties of a polyimide film on the stress fields in microelectronic structures 113545
Dolce, A. *see* Boni, A. 108594
Dold, P. *see* Stenzel, Ch. 61148
Dolderer, S. *see* Braig, E. 121253
Doldi, L., Encontre, V., Fernandez, J.-C., Jeron, T., Le Bricquir, S., Texier, N., Phalippou, M. Assessment of automatic generation methods of conformance test suites in an industrial context 118189
Doleac, J. *see* Silver, B. 87623
Doleschel, H. *see* Orth, A. 107325
Dolev, D., Malki, D. The Transis approach to high availability cluster communication 67727
Dolev, D. *see* Amir, E. 118344
Dolev, D. *see* Keidar, I. 98474
Dolev, S., Kranakis, E., Krizanc, D. Baked potato routing 87364
Dolev, S., Pradhan, D.K., Welch, J.L. Modified tree structure for location management in mobile environments 87664
Dolezal, D.L. *see* Halverson, J.L. 110809
Dolezel, I. Modelling of important characteristics of a transformer at no-load 81505
Dolezel, I., Valouch, V., Skramlik, J. Wave phenomena in transistor PWM inverter-fed induction motor 102692
Dolfi, D., Joffre, P., Antoine, J., Huignard, J.-P., Philippet, D., Granger, P. Experimental demonstration of a phased-array antenna optically controlled with phase and time delays 117057
Dolfi, D., Joffre, P., Antoine, J., Huignard, J.-P., Philippet, D., Granger, P., Chazelas, J. Photonics for phased array radars 66152
Dolfi, D. *see* Durand, O. 75672
Dolfi, D. *see* Merlet, T. 64938
Dolfi, D. *see* Merlet, T. 66761
Dolfi, D.W. *see* Aronson, L.B. 64872
Dolfi, D.W. *see* Hahn, K.H. 119222
Dolfini, S. *see* Zhou, Z.-L. 110536
Dolgaev, S.I., Lyalin, A.A., Shafeev, G.A., Voronov, V.V. Fast etching and metallization of SiC ceramics with copper-vapor-laser radiation 104177
Dolgaev, S.I., Lyalin, A.A., Simakin, A.V., Shafeev, G.A. Fast etching of sapphire by a visible range quasi-cw laser radiation 94796
Dolganov, V.V., Osetrov, A.V. Nonlinear normalization in synthetic aperture methods for the reconstruction of acoustic images 113568
Dolganov, V.V., Osetrov, A.V. Determination of the parameters of a spatial filter for two-dimensional acoustic images produced by focused systems 113569
Dolganov, V.V., Osetrov, A.V. Noise immunity of the synthetic aperture technique with nonlinear normalization 117773
Dolgen, B. *see* Hartley, F.T. 63986
Dolgikh, I.I., Sidorin, V.K. Standards base in IR radiometry. Present position and prospects for development 99824
Dolgikh, K. *see* Abramova, I.N. 62793
Dolgin, B. *see* Zavracky, P.M. 119663
Dolgopolov, A.V. *see* Zalessky, V.B. 80056
Dolgopolov, A.V. *see* Zalessky, V.B. 100890
Dolgopolov, Y.V. *see* Belkov, S.A. 116681
Dolgoshein, B. *see* Akesson, T. 69833
Dolgov, S. *see* Kropman, D. 62686
D'Olieslaeger, M. *see* Cosemans, P. 115030
D'Olieslaeger, M. *see* Nesladek, M. 94693
Dolin, L.S., Kondratyeva, M.I. On the possibility of reconstructing an anisotropic wind wave spectrum by the method of double-position sonar 70510
Dolinar, D., Stumberger, G., De Weerdt, R., Belmans, R. Calculation of two-axis induction motor model parameters using finite elements 71316
Dolinar, D. *see* Ritonja, J. 101901
Dolinar, S. *see* Ekroot, L. 108175
Dolinar, S. *see* Jung-Fu Cheng 66411
Dolinina, V.I., Ivanov, S.V., Kovsh, I.B., Kucherov, A.N., Makashev, N.K., Pen'kov, B.A., Urin, B.M., Shustov, A.V. Simulation of the output characteristics and propagation of radiation from a CO laser with a selection cell 85365
Dolino, G. *see* Bellet, D. 94244
Dolino, G. *see* Buttard, D. 74566
Dolinsky, S.I. *see* Bosi, F. 90134
Dolique, J.-M. Influence of the photoinjector exit aperture on the wakefield driven by an intense electron beam pulse: a theoretical approach 90018
Dolique, J.-M., Salah, W. Wakefield effects on the beam accelerated in a photo injector:. perturbation due to the exit aperture 90017
D'Oliveira, A. *see* Abe, K. 69708
d'Oliveira, A. *see* Abe, K. 69726
Dolle, M., Mantl, S., Bay, H.L. A new method for silicide patterning based on local oxidation 84232

Dollinger, F., Borcke, M.V., Bohm, G., Trankle, G., Weimann, G. Ultrashort low-loss optical multi-quantum-well GaAs/GaAlAs vertical directional coupler switch 95726
Dolloff, P.A. *see* Broadwater, R.P. 91150
Dolman, G. *see* Button, T.W. 95394
Dolman, G. *see* Smith, P.A. 62163
Dolmatov, N.V. A ferromagnetic steel cylinder in a polyharmonic magnetic field 103160
Dolny, G., Ipri, A., Hsueh, F., Stewart, R., Atherton, J., Cuomo, F., Jose, D., Spitzer, M., Vu, D.P., Batty, M., Keyser, T., Becker, G., Khormaei, R., Rhoades, R., Tilton, M., Ellis, R., Franklin, H., Helgeson, M. Recent advances in fully-scanned active matrix displays using silicon-on-insulator technology 69396
Dologlou, I., Bakamidis, S., Carayannis, G. Signal decomposition in terms of non-orthogonal sinusoidal bases 97736
Dolt, R. *see* Aller, I. 89027
Dolzhenko, D. *see* Chesnokov, S. 69134
Dom, J.-P. *see* Dupeyron, D. 62135
Dom, J.P. *see* Begueret, J.B. 120266
Dom, J.P. *see* Duluc, J.B. 115310
Dom, J.P. *see* Fouillat, P. 74848
Dom, J.P. *see* Fouillat, P. 106180
Dom, J.P. *see* Hachicha, I. 115166
Dom, J.P. *see* Zimmer, T. 63913
Domagala, J. *see* Tomasini, P. 113338
Doman, B.G.S. An asymptotic expansion for the incomplete beta function 103789
Domanski, A.W. *see* Sierakowski, M. 95861
Domanski, A.W. *see* Wolinski, T.R. 110193
Domash, L.H., Yong-Ming Chen, Gomatam, B., Gozewski, C.M., Sutherland, R.L., Natarajan, L.V., Tondiglia, V.P., Bunning, T.J., Adams, W.W. Switchable-focus lenses in holographic polymer dispersed liquid crystal 96837
Dombeck, T. *see* Koetke, D.D. 110520
Dombo, T. *see* Drescher, P. 105007
Dombre, E. *see* Maurine, P. 79701
Dombrovsky, S.A. *see* Vyukhina, N.N. 75410
Dombrovsky, V.A. *see* Vyukhina, N.N. 75410
Dombrowski, D. *see* Bourquard, A. 95524
Dombrowski, H. *see* Brauksiepe, S. 100815
Dome, G. *see* Hahn, H. 79791
Domel, R. *see* Oelze, B. 61989
Domen, A. *see* Haase, D. 114634
Domen, S.R. A sealed water calorimeter for measuring absorbed dose 90657
Domenico, G.Di *see* Di Domenico, G.
Domenicucci, A.G., Filippi, A.R.G., Choi, K.W., Hu, C.-K., Rodbell, K.P. Effect of copper on the microstructure and electromigration lifetime of Ti-AlCu-Ti fine lines in the presence of tungsten diffusion barriers 114994
Domeshek, E.A. *see* Gordon, A.S. 68873
Domi, T. *see* Ashizawa, K. 98694
Domier, C.W. *see* Zhaug, W.-M. 117095
Domind, M. *see* Pieper, V. 60708
Domingo, A., Sniedovich, M. Conventional dynamic programming algorithms for solving reliability networks problems 82324
Domingo, C. *see* Luguera, E. 101468
Domingo-Ferrer, J. Achieving rights untransferability with client-independent servers 98684
Domingues, L.A.M.C. Study of direct current electric fields 96902
Dominguez, C. *see* Garces, I. 64751
Dominguez, C. *see* Munoz, J. 74925
Dominguez, C.O., Flach, J.M., McKellar, D.P., Dunn, M. Using videotaped cases to elicit perceptual expertise in laparoscopic surgery 110880
Dominguez, D. Vortex dynamics in disordered Josephson junction arrays: from plastic flow to flux flow 95465
Dominguez, D., Jose, J.V. Magnetic and transport dc properties of inductive Josephson-junction arrays 64560
Dominguez, M. *see* Gonzalez, J.L. 61436
Dominguez, M. *see* Rojas, J.L. 94396
Dominguez, M.C. *see* Jimenez, F.J.M. 76042
Dominguez-Adame, F. *see* Diez, E. 63030
Dominguez-Adame, F. *see* Diez, E. 83907
Dominguez-Adame, F. *see* Macia, E. 74447
Dominguez-Castro, R. *see* Espeio, S. 83280
Dominguez-Hernandez, J., Gracia, L., Doblare, M. A nonlinear transformation algorithm for the integration of the singular kernels in 3D BEM for elastostatics 61101
Dominguez-Navarro, J.A. *see* Ramirez-Rosado, I.J. 101952
Dominguez-Navarro, J.A. *see* Ramirez-Rosado, I.J. 111595
Dominh, K. *see* Cazenave, A. 88704
Dominic, V. *see* Broessel, R.J. 86965
Dominic, V. *see* Grayson, T.P. 76101
Dominic, V. *see* O'Brien, N.F. 75384
Dominick, J. *see* Asner, D. 90163
Dominick, P. *see* McGourty, J. 72158
Dominik, H. *see* Styczynski, Z.A. 81061
Dominique, F., Reed, J.H. Robust frequency hop synchronisation algorithm 99088
Domke, C. *see* Heinrich, M. 62761
Dommann, A. *see* Sutter, P. 113320
Dommel, H.-P., Garcia-Luna-Aceves, J.J. Floor control for activity coordination in networked multimedia applications 78231
Dommel, H.W. *see* Hung, R. 71934
Dommel, H.W. *see* Marti, L. 121147
Dommel, H.W. *see* Neves, W.L.A. 112039
Dommel, H.W. *see* Niimura, T. 101756
Dommelen, D.Van *see* Van Dommelen, D.
Dommermuth, F. Target classification using radar range profiles 109734
Domoto, T. *see* Takano, H. 121747
Domoto, Y. *see* Kuramoto, K. 113481
Domrachev, S.N. *see* Zhmerik, V.N. 74537
Don Lee Eung *see* Eung Don Lee
Don Min Byung *see* Byung Don Min
Don Sung Oh, Doo Soo Lee Dual structured tap selection algorithm for echo canceller 99329
Don-Chan Cho *see* Nung-Pyo Hong 103431
Don-Ha Hwang, Jin-Bong Kim, Yong-Joo Kim, Myong-Soo Park, Taek-Soo Kim On-line partial discharge measurement techniques of hydro-generator windings 81390
Don-Sung Oh, Dong-Jin Shin, Sung-Sil Kim, Doo-Soo Lee Implementation of multi-channel echo canceller for mobile communication with TMS320C50 88300
Donadio, R. *see* Perrin, B. 109090
Donaghay, P.L. *see* Levine, E.R. 90835
Donagher, T. Sizing up to the metric system [enclosures] 82195
Donaghy, R. The application of factory partial discharge measurement to extruded power cables and accessories 111629
Donahue, M. *see* Liu, T.-L. 67265
Donahue, M.J. *see* Bennett, L.H. 70055
Donahue, M.J. *see* Nikitenko, V.I. 79655
Donahue, M.J. *see* Nikitenko, V.I. 115633
Donahue, P.M. *see* Montanaro, J. 73430
Donald, B.R. *see* Bohringer, K.-F. 74884
Donald, M. *see* Cai, Y. 79973
Donald, M.H.R., Cai, Y., Irwin, J., Nosochkov, Y., Ritson, D.M., Seeman, J., Wienands, H.-U., Yan, Y.T. Lattice design for the High Energy Ring of the SLAC B-Factory (PEP-II) 79978
Donaldson, A.R., Ashton, J.R. SLAC modulator availability and impact on SLC operation 89655
Donaldson, A.R. *see* Leyh, G.E. 102853
Donaldson, A.R. *see* Mattison, T.S. 100719
Donaldson, A.R. *see* Nesterov, V.V. 83000
Donaldson, G., Fox, B., O'Sullivan, J., O'Malley, M. Load relief evaluation for isolated power systems 90935
Donaldson, G.B. *see* Carr, C. 92996
Donaldson, G.J., Black, M.G. Airworthiness of lithium batteries. I. Development of an airworthiness standard 112182
Donaldson, J.A. *see* Brown, T.K. 70363
Donaldson, J.D., Francis, D.P., Snowdon, K.G., Spiller, D.O. The life cycle assessment of a telecommunications semiconductor laser 65363
Donaldson, J.D., Francis, D.P., Snowdon, K.G., Spiller, D.O. The life cycle assessment of a telecommunications semiconductor laser 109628
Donaldson, R.M. *see* Krause, T.W. 72983
Donaldson, R.W. *see* Chan, H.C.B. 88329
Donaldson, R.W. *see* Wong, W.Y.L. 88328
Donaldson, T. *see* Fieguth, T. 100708
Donaldson, W.R. *see* Green, K. 96158
Donaldson, W.R. *see* Okishev, A. 116429
Donath, M. *see* Hennessey, M.P. 69495
Donath, M. *see* Hennessey, M.P. 103119
Donati, A. *see* Dusi, W. 90174
Donati, M. *see* Biagi, E. 111364
Donati, S. *see* Annovazzi-Lodi, V. 65348
Donati, S. *see* Belforte, S. 90230
Donati, S. *see* Belforte, S. 100984
Donato, A. *see* Barbaro, V. 70261
Donato, J.M. *see* Chen, K.R. 96595
Donato, L., Mambrito, B. The artificial heart: device and concept evolution 90598
Donato, T. *see* Askari, F. 120848
Donaton, R.A. *see* Kolodinski, S. 79422
Donaton, R.A. *see* Torres, A. 79423
DonChan Cho *see* YongWoo Lee 70918
Donchev, T. *see* Nurgaliev, T. 106655
Donchev, T. *see* Stambolova, I. 114681
Donchin, D.R. *see* Gronowski, P.E. 73468
Doncker, R.W.De *see* De Doncker, R.W.
Donckers, M.C.J.M. *see* Flipse, M.C. 106848
Donckt, M.Vander *see* Vander Donckt, M.
Dondi, C. How do education and training change? 112774
Dondi, P.H. *see* Asal, H.P. 101855
Dondl, P., Imhof, K., Singh, N. EMS and their functions in utilizing energy resources and transmission facilities 101858
Donegan, J.F., Jordan, C., Rees, P., Logue, F., Heffernan, J.F., Hegarty, J. A study of internal losses in CdZnSe/ZnSe multiple quantum well materials 75956
Donegan, J.F. *see* Rees, P. 96332
Doner, J.R. An analytical model for telephone systems with correlated channel demand 109565
Dones, R., Gantner, U., Hirschberg, S. Ecoinventories of future electricity generation systems for Switzerland 91261
Donescu, V., Griva, G., Profumo, F. A new discrete current vector regulator for torque controlled induction motor drives 122002
Donescu, V., Neacsu, D.O., Griva, G., Profumo, F. A systematic design method for fuzzy logic speed controller for brushless DC motor drives 121936
Donescu, V. *see* Lucanu, M. 61643
Donets, I. *see* Lerer, A. 97020
Donetsky, D.V. *see* Vorobjev, L.E. 116558
Doney, G.D., Clement, W.I. An artificial neural network boiling detector for nuclear reactors 111746
Donfrancesco, G.Di *see* Di Donfrancesco, G.
Dong, B. *see* Lei, X.L. 94235
Dong, C. Frequency domain reflectometry: an old concept with a new application 89477
Dong, C. *see* Harvey, K. 88951
Dong, C. *see* Jin, S. 114864
Dong, C. *see* Zhao, J. 118364
Dong, H.K. *see* Li, N.Y. 103873
Dong, H.K. *see* Li, N.Y. 103882
Dong, H.K. *see* Tu, C.W. 82649
Dong, H.K. *see* Wong, W.S. 103879
Dong, J. *see* Jiang, J. 96673
Dong, J. *see* Lou, Q. 105104
Dong, L., Reekie, L., Cruz, J.L., Payne, D.N. Grating formation in a phosphorus-doped germanosilicate fiber 75441
Dong, L. *see* Loh, W.H. 116410
Dong, L. *see* Richardson, D.J. 68365
Dong, W. *see* Zhang, J.Z. 76651
Dong, W.P. *see* Mainsah, E. 110092
Dong, X. *see* Chen, J.X. 84342
Dong, X. *see* Danne, O. 90764
Dong, Z.C. *see* Zhy Jianxin 75351
Dong, Z.W. *see* Takeuchi, I. 84886
Dong Baoguang, Zhang Ziudao, Chen Zhenning Study of some additives for positive electrodes in lead-acid batteries 81716
Dong Cheng *see* Bao Zhongxing 105209
Dong Cheng *see* Wang Cong 75309
Dong Cho Jun *see* Jun Dong Cho
Dong Cho Pyung *see* Pyung Dong Cho
Dong Chul Park *see* Seog Tae Han 93732
Dong Do Lee, Dong Hee Kim, Yeong Jee Chung, Hyo Gun Kim, Keum Chan Whang Other-cell interference with power control in macro/microcell CDMA networks 118030
Dong Dunzhuo *see* Dunzhuo Dong
Dong Guang-Jiong *see* Guang-Jiong Dong
Dong GuangYu *see* Gong Guoli 64157
Dong Guojie *see* Guojie Dong
Dong Gwun Sang *see* Sang Dong Gwun
Dong Hee Kim *see* Dong Do Lee 118030
Dong Heon Shin, Chanbum Park, Jae Hong Lee Performance of code division multiple access in non-directed diffuse optical wireless channel 119147
Dong Ho Cho *see* Kyung Su Park 78559
Dong Ho Cho *see* Sung Won Lee 77996
Dong Ho Cho *see* Tae Gue Kim 78187
Dong Ho Park *see* Kuey Chung Choi 82347
Dong Ho Won *see* Sung Jun Park 76762
Dong Hoon Choi, Sangyup Song, Sun Jin Lim, Soo Young Park, Nakjoong Kim Synthesis of second-order nonlinear optical polymers containing stilbazolium salt chromophore in the side chain 76162
Dong Hoon Choi, Wong Sang Jahng, Woong Sang Jahng, Taek Seung Lee, Soo Young Park, Nakjoong Kim Thermally stable second-order nonlinear optical polymers 85641
Dong Hoon Choi *see* Taek Seung Lee 76163
Dong Hu Jian *see* Hu Jian Dong
Dong Hyun Yun *see* Hyung-Ki Hong 119778
Dong Il Kim, Takahashi, M., Anzai, H., Sang Yup Jun Electromagnetic wave absorber with wideband frequency characteristics using exponentially tapered ferrite 65886
Dong Il Kim *see* Chung Hyuk Yim 71336
Dong Il Kim *see* Kyoung Won Kim 110170
Dong Il Lee, Ja Yoon Koo Predicting formula development of audible noise on a 765 kV AC transmission line. I 102185
Dong Il Lee *see* Jeong Doo Kim 81100
Dong In Kim On the performance of biorthogonal pulse position modulated direct-sequence CDMA communication 78362
Dong In Kim, June Chul Roh Random assignment/transmitter-oriented code scheme for centralized DS/SSMA packet radio networks 118786
Dong Jang Kyung *see* Kyung Dong Jang
Dong Jin Oh *see* Heui Gyu Kim 97520
Dong Jing *see* Jing Dong
Dong Jinming *see* Jinming Dong
Dong Jinxing, Ye Zhenhuan, Gao Hongyi, Wei Yunrong, Lou Qihong Improvement of the intensity homogeneity of excimer laser 65015
Dong Joo Shin *see* Yong Wan Kim 110408
Dong Joon Lee *see* Ick Hoon Jang 98241
Dong June Chung, Jong Sung Kim, Kyung Sun Min, Park, K.Y. Side chain liquid crystal polymer films for optical recording system 75420
Dong Keun Kim, Chi Jung Hwang Boundary segmentation and tracking using an active contour model with global deformations 87004
Dong Kim Gwang *see* Gwang Dong Kim
Dong Kim Ki *see* Ki Dong Kim
Dong Li *see* Cutiongco, E.C. 115838
Dong Limin *see* Limin Dong
Dong Pan *see* Pan Dong
Dong Qin *see* Rogers, J.A. 119621
Dong Qiujie *see* Qiujie Dong
Dong Sam Ha *see* Hyung Ki Lee 104450
Dong Shoulin *see* Shoulin Dong
Dong Shuyi *see* Yan Yi 70550
Dong Suk Chun *see* Joong Sung Chung 104791
Dong Suk Shin, Chong Ho Woo Improvement of reconfiguration rate using pseudo faulty processing

elements on the single track 2-D systolic array 83037

Dong Suk Shin, Chong Ho Woo Reliability improvement and real-time reconfiguration of fault tolerant VLSI arrays using symmetrical pseudo faulty processing elements generation technique 104445

Dong Tan, F. Current-loop gain with a nonlinear compensating ramp 121637

Dong Tang, Hecht, M., Hecht, H. A methodology and tool for measurement-based dependability evaluation of digital I and C systems in critical applications 102375

Dong Uk Lee *see* Eng Chan Kim 115581

Dong Wang *see* Wang Dong

Dong Wei *see* Wei Dong

Dong Weiping *see* Weiping Dong

Dong Won Kim, Geun Teak Ryu, Hyeon Deok Bae Design and implementation of common ATM interface module for B-ISDN terminal and network adaptors 109269

Dong Won Shin *see* Joon Seop Kwak 94566

Dong Woo Cho *see* Tae Jo Ko 117365

Dong Woo Kang *see* Won Woo Choi 70236

Dong Wu, Bjorn Broo, Halsan, K.A. An artificial ice and snow test method for long insulator strings 102223

Dong Xiang, Venkataraman, S., Fuchs, W.K., Patel, J.H. Partial scan design based on circuit state information 83085

Dong Xianling *see* Xianling Dong

Dong Xiao *see* Xiao Dong

Dong Xiaoyi *see* Jin Fahong 116034

Dong Xiaoyi *see* Zhang Haining 76099

Dong Xin, Tang Guoqing Method of restoration strategies forming based on real-time power flow information 80930

Dong Xu *see* Yiqun Li 64256

Dong Xu *see* Xu Dong

Dong Yan *see* Yan Dong

Dong Yang Wei *see* Wei Dong Yang

Dong Yang Xue *see* Xue Dong Yang

Dong Yi *see* Li Yu-Dong 107022

Dong Yoon Kim *see* Jaehong Shim 60531

Dong Youn Sim, Kurabyashi, T., Esashi, M. A bakable microvalve with a Kovar-glass-silicon-glass structure 74929

Dong Yun Il *see* Il Dong Yun

Dong Zaiwang *see* Wang Jianxin 117221

Dong Zhanqiu *see* Zhanqiu Dong

Dong Zhenhua *see* Gong Guoli 64157

Dong Zi-Wen *see* Zi-Wen Dong

Dong Ziqiang *see* Ziqiang Dong

Dong-Choon Lee PWM current source converter and inverter system for induction motor drives 93122

Dong-Doo Lee, Chang-Joo Kim, Young-Kwon Hahm, Ki-Gon Yang, Hyuck-Jae Lee Measurement on multipath propagation for wideband rake receiver in Korea 78437

Dong-Gyu Kang *see* Siong-Hun Yi 97606

Dong-Gyu Sim, Rae-Hong Park Anisotropic hierarchical motion estimation method based on decomposition of the functional domain 117769

Dong-Hahk Lee, Young Hwan Kim Image vector quantization using a two-stage self-organizing feature map 77378

Dong-Hak Shin *see* Ju-Seog Jang 116779

Dong-Ho Cho *see* Gyoun-Yon Cho 76853

Dong-Hun Kim, Ji-Kwang Lee, Guee-Soo Cha, Song-Yop Hahn Repulsive force analysis of a new Maglev scheme with an AC superconducting magnet 81957

Dong-Hun Yeo, Jong-Ha Moon, Seok-Jin Yoon, Hyun-Jai Kim Microwave dielectric properties of $La(Zn_{1/2}Ti_{1/2})O_3$ and $La(Zn_{1/2}Ti_{1/2})O_3$-$CaTiO_3$ ceramics 95238

Dong-Hwan Kim, Young-Bae Park, Il-Jeong Lee, Shi-Woo Rhee Remote plasma enhanced chemical vapor deposition of silicon films at low temperatures from Si_2H_6-H_2-SiF_4 113420

Dong-Hyeok Cho *see* Dong-Joon Sim 102677

Dong-Hyun Kim, Kim, S.J. An OEIC-integrable diffractive optical element 65562

Dong-Ik Kim *see* Hoi-Jin Choi 82585

Dong-Il Kim *see* Hee-Doo Kwon 84745

Dong-Il Lee *see* Jeong-Boo Kim 81106

Dong-Jin Kweon, Hee-Ro Kwak, Sang-Jin Chung, Jeong-Boo Kim Preventive diagnosis of the power transformer by the moving average of ultrasonic signal number 81520

Dong-Jin Shin *see* Don-Sung Oh 88300

Dong-Jin Yoon *see* Oh-Yang Kwon 61483

Dong-Jo Park *see* Byung-Eul Jun 97732

Dong-Joon Kim *see* Kyung-Sun Choi 102480

Dong-Joon Sim, Dong-Hyeok Cho, Jang-Sung Chun, Hyun-Kyo Jung, Tae-Gyoung Jung Efficiency optimization of interior permanent magnet synchronous motor using genetic algorithms 102677

Dong-Joon Sim, Hyun-Kyo Jung, Song-Yop Hahn, Jong-Soo Won Application of vector optimization employing modified genetic algorithm to permanent magnet motor design 111904

Dong-Keun Kim *see* Byung-Teak Lee 114938

Dong-Keun Kim *see* Chongdae Park 116526

Dong-Keun Kim *see* Han-Soo Kim 85043

Dong-Keun Kim *see* Joo-Heon Ahn 96421

Dong-Kyoo Kim *see* Ki-Yoong Hong 78409

Dong-Kyun Kang *see* Jeom-Soo Lew 88727

Dong-Myung Cho *see* Bo-Eun Kim 104724

Dong-Myung Kim *see* Kwang-Sup Kim 121853

Dong-Myung Shin, Kang-Hoon Choi, Dou-Yol Kang, Young Kwan Kim, Chi-Sup Jung Nonlinear optical effect and optical characteristics of Langmuir-Blodgett films: n-octadecyl 4-(4'-nitrophenylazo)-1-naphthyl ether 76160

Dong-Oh Lee, Boston, J.R., Langer, D.W., Falk, J. Improvements to the stability of electric field sensors 69426

Dong-Ryul Shin *see* Rak-Hyun Song 81739

Dong-Ryul Shin *see* Rak-Hyun Song 81740

Dong-Ryul Shin *see* Rak-Hyun Song 81776

Dong-Seok Hyun *see* Byoung-Kuk Lee 82001

Dong-Seok Hyun *see* Hee-Sung Moon 111967

Dong-Seok Hyun *see* Hyun-Soo Kang 81446

Dong-Seok Hyun *see* Kwang-Seob Kim 81554

Dong-Seok Hyun *see* Kyoung-Jin Min 102845

Dong-Soo Han, Sung-Kwon Park, Jung H. Kim Acquisition system of DS/CDMA using binary neural network 67561

Dong-Sun Oh *see* Hyuk-Ryeol Park 74102

Dong-Sun Oh *see* Hyuk-Ryeol Park 84385

Dong-Sun Oh *see* Hyuk-Ryeol Park 106030

Dong-Sun Seo *see* Nguyen, L.V.T. 85539

Dong-Wha Kwak *see* Byung-Tak Jang 83556

Dong-Woo Kim, Gee-Hyuk Lee, Soo-Yong Kim Stochastic segmentation of severely degraded images using Gibbs random fields 98161

Dong-Woo Shin *see* Jeom-Soo Lew 88727

Dong-Wook Kim, Han-Bit Kang, Myoung-Su Eun, Jong-Soo Choi A variable step size algorithm using normalized absolute estimation error 97697

Dong-Wook Kim, Jong-Soo Choi, Yeon-Sung Choi Adaptive determination of search region for motion tracking 77291

Dong-Wook Yoo, Chung-Yeun Won A novel resonant pulse control in resonant DC link inverter 93121

Dong-Wook Yoo, Cung-Yeon Won, Jung-Goo Cho, Ju-Won Baek Zero-voltage-switching three level auxiliary resonant commutated pole inverter 102846

Dongbing Zhang, Chen, D.Y., Lee, F.C. An experimental comparison of conducted EMI emissions between a zero-voltage transition circuit and a hard switching circuit 121738

Dongcang Li *see* Li Dongcang

Dongchen Lu *see* Hac, A. 87934

Dongchen Lu *see* Ilac, A. 118627

Dongen, B.A.M.van *see* van Dongen, B.A.M.

Dongen, M.E.H.van *see* van Dongen, M.E.H.

Dongen, T.Van *see* Van Dongen, T.

Dongfeng Liu *see* Liu Dongfeng

Dongfeng Xue *see* Xue Dongfeng

Dongfeng Yuan *see* Yuan Dongfeng

Dongfeng Zhao *see* Zhao Dongfeng

Dongfu Chen *see* Chen Dongfu

Dongge Ma *see* Ma Dongge

Donggeun Jung Precursor-alternating metal-organic chemical vapor deposition of carbon-doped p^+-$Al_{0.36}Ga_{0.64}As$ and selenium-doped n^+-$Ga_{0.51}In_{0.49}P$ 82731

DongGill Lee, Wan Choi, Byoung Sun Lee, Chimoon Han, Sungchang Lee A development environment for distributed concurrent CHILL programs of telecommunications systems 77837

Donghai Qiao *see* Qiao Donghai

Donghee Lee, Youngtaek Jin, Yookun Cho Performance improvement of STREAMS-based network using fast module scheduler 67596

Dongho Kim *see* Sungkyu Yu 85573

Donghong Gu *see* Gu Donghong

Donghong Zhang *see* Zhang Donghong

Donghoon Lee *see* Hyoungsoo Lim 109906

Donghui Li *see* Carothers, J.D. 73860

Donghui Li *see* Hameenanttila, T. 94150

Donghui Li *see* Li Donghui

Donghui Lu *see* Lu Donghui

Donghui Xue *see* Xue Donghui

Donghwan Kim, Sang Jik Kwon, Jong Duk Lee Fabrication of silicon field emitters by forming porous silicon 83729

Donghwan Kim, Sang Jik Kwon, Jong Duk Lee, Won, J.H. Fabrication of silicon field emitter by forming porous silicon 74012

Dongil Song *see* Kibum Kim 109913

Dongjin Bae, Dowan Kim, Changsub Koh, Hyunkyo Jung, Songyop Hahn Determination of induction motor parameters by using Neural Network based FEM results 111961

Donglai Dai, Panda, D.K. Reducing cache invalidation overheads in wormhole routed DSMs using multidestination message passing 98504

Donglin Zu *see* Zu Donglin

Dongmei Wang *see* Hac, A. 87499

Dongmo Zhang *see* Zhang Dongmo

Dongpei Chen *see* Chen Dongpei

Dongping Liu *see* Liu Dongping

Dongqi Li, Bader, S.D. Magnetic quantum well states in ultrathin film and wedge structures 115620

Dongqi Shi *see* Xizhi Li 79407

Dongqing Cao *see* Banerjee, P.P. 85156

Dongre, C., Yadav, G., Budholia, G. High temperature resistant properties of polyimide coated optical fibre 106802

DongSeung Kwon, EungSoon Shin, JaeHeung Kim, InMyoung Jeong Effects of path loss and cell loading on frequency reuse efficiency and soft handoff in CDMA system 87367

DongSheng Cai *see* Asai, N. 92597

Dongsheng Wang, Hongcheng Zhang, Yunping Yang, Yunxiang Zhang Ultrathin thickness and spacing measurement by interferometry and correction method 69499

Dongsheng Wang, Kuh, E.S. Performance-driven interconnect global routing 93013

Dongsheng Wu *see* Morris, J.M. 76968

Dongsheng Zhang *see* Jingwei Tong 79730

Dongsheng Zhou, Spee, R., Alexander, G.C. Experimental evaluation of a rotor flux oriented control algorithm for brushless doubly-fed machines 121940

Dongsoo Har, Bertoni, H.L. Effect of the local propagation model on LOS microcellular system design 88229

Dongwook Park, Minnyeon Kim Mode analysis of DFB SE lasers 96287

Dongwook Suh, Fossum, J.G., Pelella, M.M. Dynamic data retention and implied design criteria for floating-body SOI DRAM 93372

Dongwook Suh *see* Pelella, M.M. 63660

Dongxia Wang *see* Limin Sun 118449

Dongxian Lai *see* Lai Dongxian

Dongxing Jiang *see* Jiang Dongxing

Dongxing Jin *see* Dagang Fang 99616

Dongxing Wang *see* Wilson, D.C. 110749

Dongyan Hou *see* Hou Dongyan

Dongyang Long Note on group codes 108135

Donhoffer, D., Giczi, W., Mayer, K., Wallisch, K., Witt, A. Industrial instrumentation and quality control 82285

Donichak, C. *see* Vettese, F. 80532

Donichak, C. *see* Vettese, F. 110604

Doninck, W.van *see* van Doninck, W.

Donko, Z. *see* Tobin, R.C. 116381

Donkor, E. *see* Kornreich, P. 85005

Donlagic, D. *see* Matko, V. 69578

Donley, M.S. *see* Voevodin, A.A. 82722

Donley, M.S. *see* Voevodin, A.A. 92807

Donlin, M. FPGAs and gate arrays play tug of war for design wins 61846

Donlin, M. Packaging innovations fuel a range of technology advances 72277

Donlin, M. Tool vendors respond to surging CPLD/FPGA popularity 73017

Donlin, M. Innovation is key to PC-based tool survival 73023

Donlin, M. EDA tools strive to keep pace with silicon 73043

Donlin, M. FPGAs continue to push density/performance envelope 73195

Donlin, M. Programmable logic and synthesis strive to get in sync 104263

Donn, K., Plaisant, C., Shneiderman, B. Query previews in networked information systems 78021

Donna, J.I. Creative use of Ada in the A-10 control and display unit software 70345

Donnabhain, C.A.O., Grannell, J.J., Murphy, P.J. Calculation of modes in a microstrip line with no zero or spurious modes 62145

Donnay, S., Gielen, G., Sansen, W., Kruiskamp, W., Leenaerts, D., Buytaert, S., Marent, K., Buckens, M., Das, C. Using top-down CAD tools for mixed analog/digital ASICs: a practical design case 62061

Donnelly, B. Cutting rapid-prototyping costs 92198

Donnelly, C., Werthimer, D., Bowyer, S., Cobb, J. The SERENDIP interference rejection and signal detection system 79104

Donnelly, C. *see* Werthimer, D. 79103

Donnelly, C.M., Al-Jibouri, A., McCullough, R.W., Geddes, J. Twin atom source reactor for studies of diamond film growth 72914

Donnelly, D. *see* Gannon, A. 63016

Donnelly, I.J. *see* Williams, M.L. 100823

Donnelly, J. Monitoring flat-panel processing steps with stylus profilometers 69416

Donnelly, J., Sze, W. Stylus profilers in AMLCD manufacturing 89253

Donnelly, J.P., Lan, S.D. Generalized effective index series solution analysis of waveguide structures with positionally varying refractive index profiles 64774

Donnelly, J.P. *see* Darwish, A.M. 96616

Donnelly, K., Yiu-Fai Chan, Ho, J., Chanh Tran, Samir Patel, Lau, B., Jun Kim, Pak Chau, Huang, C., Wei, J., Leung Yu, Tarver, R., Johnson, M. A 660 MB/s interface megacell portable circuit in 0.3 μm-0.7 μm CMOS ASIC 74851

Donnelly, K. *see* Dowling, D.P. 84963

Donnelly, M.K., Dagle, J.E., Trudnowski, D.J., Rogers, G.J. Impacts of the distributed utility on transmission system stability 70816

Donnelly, M.K. *see* Erickson, D.C. 81178

Donnelly, M.K. *see* Trudnowski, D.J. 70716

Donnelly, M.P. *see* Cave, M. 108889

Donnelly, N. *see* Fairhurst, M.C. 80187

Donnelly, T. *see* Ditmire, T. 107514

Donnelly, T. *see* Smith, D.F. 115825

Donnelly, V.M. *see* Herman, I.P. 74548

Donnelly, W. *see* Vandemark, D. 120874

Donner, I.H. Will your IP protection provide the protection you expect 87972

Donner, Q. *see* Mallon, A. 70073

Donnette, J.E. *see* Gerardin, J.-P. 91289

D'Onofrio, A. *see* Gialanella, L. 100639

Donofrio, M. *see* Kirk, J.A. 89153

D'Onofrio, M. *see* Tomati, L. 88397

Donoho, D. *see* Bruce, A. 117361

Donoho, P.L. *see* Villasenor, J.D. 90744
Donohoe, G.W., Valdez, P.F. Teaching digital image processing with Khoros 60442
Donohoe, G.W. *see* Fogler, R.J. 80342
Donohoe, J.P., Ho, M., Taylor, C.D. Induced currents on slotted bodies of revolution under plane wave illumination 107770
Donohue, C.J., Birge, J.R. An upper bound on the expected value of a non-increasing convex function with convex marginal return functions 60890
Donohue, J.E. *see* Sokal, N.O. 73130
Donohue, J.E. *see* Sokal, N.O. 93136
Donohue, K.D., Cheah, H.Y. Spectral correlation filters for flaw detection 104211
Donohue, K.D. *see* Varghese, T. 110681
Donohue, T.P. *see* Cong, S. 108372
Donoso-Garcia, P.F., Cortizo, P.C. Sliding mode control for current distribution in DC-to-DC converters connected in parallel 121698
Donoval, D. Computer aided learning in microelectronics technology in Slovakia (state of the art) 112800
Donovan, E.P. *see* Horwitz, J.S. 106479
Donovan, G.C. *see* Spitz, P. 94025
Donovan, M.J. *see* Yiao-Tee Hsia 106597
Donovan, M.J. *see* Yiao-Tee Hsia 115753
Donovan, S.M. *see* Ren, F. 114963
Donskoi, E.N. *see* El'yach, S.L. 89611
Dontchev, A.L., Kolmanovsky, I. Best interpolation in a strip. II. Reduction to unconstrained convex optimization 60961
Donthi, R. *see* Takayanagi, T. 73424
Donthireddy, P., Chandrashekhara, K. Modeling and shape control of composite beams with embedded piezoelectric actuators 106388
Donyagin, A.M. *see* Baldin, A.M. 90061
Donyau Chiang, Shyh-Jier Wang, Der-Ray Huang Magnetic profiles of bonded magnets affected by the magnetizing fixtures 64483
Donzella, A. *see* Agnello, M. 110583
Donzelli, G.P. *see* Bastida, E.M. 62275
Donzellini, G. *see* Ponta, D. 112797
Doo Choe Byung *see* Byung Doo Choe
Doo Huh Jae *see* Jae Doo Huh
Doo Kim Jeong *see* Jeong Doo Kim
Doo Man Yoon *see* Heui Gyu Kim 97520
Doo Soo Lee *see* Don Sung Oh 99329
Doo-Soo Ahn, Jae-Choon Lee A signal analyzers design via rationalized Haar-Fourier transformation 97829
Doo-Soo Ahn *see* Han-Seok Lee 97830
Doo-Soo Lee *see* Don-Sung Oh 88300
Doo-Young Kim, Han-Soo Kim, Min-Koo Han, Yearn-Ik Choi Analytical modeling of the breakdown voltage of the punchthrough diode with cylindrical junction 94902
Doo-Young Kim *see* Chong-Man Yun 74723
Doo-Young Kim *see* Chong-Man Yun 84370
Doo-Young Kim *see* Keun-Chung Kim 86880
Doody, B. *see* Jullien, G.A. 67340
Doohyun Kim, Kyung Hee Lee, Chan Geun Jang, Young-Hwan Lim Design and connection analysis of video conference system based on stream connection model 109174
Doole, R.C. *see* Missana, T. 104083
Dooley, L.S. *see* Hetzheim, H. 87081
Dooley, S.P. *see* Walker, S.R. 94232
Dooling, D. Smoother sailing [ship design and control] 103123
Dooling, D. Launcher without a country [marine satellite launch platform] 120654
Doolittle, L. *see* Chowdhary, M. 89943
Doolittle, W.A. *see* Rohatgi, A. 112346
Doon Shin Chang *see* Chang Doon Shin
Doone, R. *see* Howson, P.A. 81166
Dooren, G.A.J.van *see* van Dooren, G.A.J.
Dooren, P.Van *see* Van Dooren, P.
Dooren, R.Van *see* Van Dooren, R.
Dooren, S.Van *see* Van Dooren, S.
Doorman, G.L., Gjelsvik, A., Haugstad, A. Hydro power scheduling in Norway, before and after deregulation 102019
Doorn, A.J.Van *see* Van Doorn, A.J.
Doorn, A.K.Jansen van *see* Jansen van Doorn, A.K.
Doorn, A.K.J.van *see* van Doorn, A.K.J.
Doornbos, J. *see* Bricault, P.G. 79993
Doorne, C.van *see* van Doorne, C.
Doorselaer, K.Van *see* Van Doorselaer, K.
Doose, C. *see* Kim, S.H. 89787
Doot, R.K. Motorola's first DCA product: the Gold Line Pen Pager 112938
Dooyoung Yang *see* Sangdon Lee 105571
Dooyoung Yang *see* Yoonjong Huh 113936
Dopf, W. *see* Heizinger, J. 91323
Dopheide, D. *see* Arndt, V. 69570
Doppalapudi, D. *see* Singh, R. 113367
Doppel, K., Hochmuth, R. A nonlinear singular integral equation model for hysteresis in magnetostatics 64235
Doppel, K., Hochmuth, R., Elsner, J. Finite element method for calculating power frequency 2-dimensional electromagnetic field distributions in ferromagnetic materials 64236
Doppke, K. *see* Mauceri, T. 80448
Doradla, S.R. *see* Deshpande, V. 112091
Doradla, S.R. *see* Deshpande, V. 112103
Doradla, S.R. *see* Raju, G.S.N. 112096
Doradla, S.R. *see* Roy, P.P. 121653
Doradla, S.R. *see* Murthy, S.S. *(editor)* 103290
Doraiswami, R. A novel Kalman filter-based navigation using beacons 68744
Doran, J.P. *see* Aherne, T. 76080
Doran, J.P. *see* Rakennus, K. 74228
Doran, N.J. *see* Gray, J.W.D. 65094
Doran, N.J. *see* Harper, P. 65460
Doran, N.J. *see* Knox, F.M. 65463
Doran, N.J. *see* Smith, N.J. 64646
Doran, N.J. *see* Smith, N.J. 65458
Doran, N.J. *see* Williams, J.A.R. 75445
Doran, N.J. *see* Williams, J.A.R. 95695
Dorato, P. Engineering education in the next century 60476
D'Orazio, A., Ficarella, G., Petruzzelli, V., Prudenzano, F. Optical switching in active InGaAsP/InP directional coupler 116123
Dorbecker, M., Vary, P. Reducing the delay of an acoustic echo canceller with subband adaptation 66849
Dorbecker, M. *see* Antweiler, C. 66844
Dorda, J.Roca *see* Roca Dorda, J.
Dordrecht, A.van *see* van Dordrecht, A.
Dore, G.R. *see* Robinson, S.P. 80693
Dore, R.J. *see* Hill, I.R. 81664
Dore, U. *see* Di Capua, E. 110598
Dorel, M. *see* Dalle, C. 73730
Doren, T.P.Van *see* Van Doren, T.P.
Dorenbos, P. *see* Knitel, M.J. 90147
Dorey, A.P. *see* A'ain, A.K.B. 63871
Dorey, A.P. *see* A'ain, A.K.B. 95157
Dorey, A.P. *see* Peyton, A.J. 72125
Dorey, M.J. *see* Kidner, D.B. 102562
Dorey, R.E. *see* Hariri, B. 102428
Dorfel, I. *see* Ressel, P. 114813
Dorfler, W. A time- and space-adaptive algorithm for the linear time-dependent Schrodinger equation 72722
Dorfler, W. A convergent adaptive algorithm for Poisson's equation 82550
Dorfman, A.H. Open questions in the application of smoothing methods to finite population inference 103552
Dorgeuille, F., Mersali, B., Feuillade, M., Sainson, S., Slempkes, S., Foucher, M. Novel approach for simple fabrication of high-performance InP-switch matrix based on laser-amplifier gates 99532
Dori, D. Analysis and representation of the image understanding environment using the object-process methodology 98076
Dori, D., Velkovitch, Y., Liu Wenyin Object-process based segmentation and recognition of ANSI and ISO standard dimensioning texts 67491
Doria, A., Gallerano, G.P. Curved Bragg reflectors for compact waveguide FELs 76049
Doria, A., Gallerano, G.P., Giovenale, E., Kimmitt, M.F., Messina, G. The ENEA F-CUBE facility: trends in RF driven compact FELs and related diagnostics 96449
Doria, A. *see* Bulfone, D. 76053
Doria, A. *see* Walker, R.P. 96521
Dorighi, J., Krishnaswamy, S., Achenbach, J. Frequency response of fiber optic ultrasound sensors 110185
Dorighi, J.F., Krishnaswamy, S., Achenbach, J.D. Embedded fiber-optic ultrasonic sensors and generators 80699
Dorigo, M. *see* Colorni, A. 103700
Dorigo, M. *see* Gambardella, L.M. 92557
Dorigoni, L., Bisi, O., Bernardini, F., Ossicini, S. The luminescence transition in porous silicon: the nature of the electronic states 94308
Dorigoni, L., Pavesi, L., Bisi, O., Calliari, L., Anderle, M., Ossicini, S. Auger lineshape analysis of porous silicon: experiment and theory 94306
Dorikens-Vanpraet, L. *see* van Hoorebeke, L. 69770
Doring, H. *see* Garche, J. 112214
Doring, H. *see* Schmietainski, U. 68481
Doring, M., Leithner, R., Schiller, A. Dynamic simulation of the cooling process in steam generators 81305
Doring, W. *see* Novotny, R. 80047
Doring, W. *see* Novotny, R. 100842
Doris, B. *see* Sharma, R. 82588
Doris, B.B. *see* Ferguson, B.A. 82591
Dorison, E. *see* Ferkal, K. 102158
Dorizzi, B. *see* Czernichow, T. 91069
Dorizzi, B. *see* Duneau, L. 86611
Dorkel, J.-M., Tounsi, P., Leturcq, Ph. 3D thermal modeling based on the two-port network theory for hybrid or monolithic integrated power circuits 104338
Dorkel, J.-M. *see* Dupuy, P. 104330
Dorkenoo, K.D. *see* Barille, R. 76210
Dorman, L.I. *see* Ahluwalia, H.S. 90156
Dormans, G.J.M. *see* de Keijser, M. 92935
Dormer, A. Optimisation and performance monitoring 103192
Dormido, S. *see* Hernandez, R. 82359
Dorn, L., Herbert, F., Hofmann, F., Jafari, S., Sodeik, H. The structures of laser-beam soldered microjoints with RS solders 114435
Dorn, R. Infra-red coupled interface chips for personal computers 114049
Dorn, R. *see* Wietschel, M. 120879
Dorn, S. *see* Reyes, A.C. 62392
Dorn, S. *see* Reyes, A.C. 83469
Dorn, S. *see* Reyes, A.C. 114188
Dornberger, E., Ammon, W.V. The dependence of ring like distributed stacking faults on the axial temperature gradient of growing Czochralski silicon crystals 61152
Dornberger, E., Von Ammon, W. The dependence of ring-like distributed stacking faults on the axial temperature gradient of growing Czochralski silicon crystals 61147
Dornburg, H. Investigations of the electromagnetic compatibility of solar generators in mains-connected photovoltaic installations 71190
Dorne, R. *see* Jin-Kao Hao 68145
Dornen, A. *see* Danilewsky, A.N. 103813
Dorner, G. *see* Breiter, M.W. 112321
Dornfeld, D.A. *see* Choon Seong Leem 117400
Doro, G. *see* Di Fausto, M. 66019
Dorofeev, A., Bachilo, E., Bondarenko, V., Gaponenko, N., Kazuchits, N., Leshok, A., Troyanova, G., Vorozov, N., Borisenko, V., Gnaser, H., Bock, W., Becker, P., Oechsner, H. Strong 1.54 μm luminescence from erbium-doped porous silicon 94292
Dorofeev, I.A. *see* Shkuratov, S.I. 73956
Dorogan, V., Ivashchenco, A., Snigur, A., Shchurova, O., Vieru, T. Study on the manufacturing technology of GaP-SnO$_2$ structures for ultraviolet radiation sensors 69133
Dorogan, V. *see* Snigur, A. 69132
Dorojkine, L.M. *see* Garcia, J.A. 89196
Dorokhov, I.N. *see* Kafarov, V.V. 61449
Doron, E. *see* Doron, M.A. 66699
Doron, M.A., Doron, E. Reduced rank processing for oversampled arrays 66699
Doroodchi, M., Reza, A.M. Implementation of fuzzy cluster filter for nonlinear signal and image processing 117792
Doroodchi, M. *see* Reza, A.M. 117321
Doroski, D. *see* Perlmutter, S.H. 95865
Doroslovacki, M.I., Fan, H. Wavelet-based linear system modeling and adaptive filtering 66814
Dorough, J. Olympic event sinks overhead distribution line 111631
Dorozhkin, S.I., Emeleus, C.J., Mironov, O.A., Whall, T.E., Landwehr, G. Magnetotransport anomalies in dilute two-dimensional electron systems: an experiment and a model 105297
Dorozhkin, S.I. *see* Avrov, D.D. 105214
Dorp, J.Rene van *see* Rene van Dorp, J.
Dorr, B.L. How mobile radio fading affects RF data modems 118688
Dorr, D.J. *see* Udd, E. 81119
Dorr, D.S., Gruzs, T.M., Stanislawski, J.J. Interpreting recent power quality surveys to define the electrical environment 90921
Dorr, R., Mourot, G., Kratz, F., Loisy, F. An application of gross errors measurements detection in nuclear power plants 111724
Dorrell, D.G. Modelling rotor eccentricity in cage induction motors with axial variation of eccentricity 91509
Dorrell, D.G. The sources and characteristics of unbalanced magnetic pull in cage induction motors with either static or dynamic rotor eccentricity 91533
Dorrell, D.G. Calculation of unbalanced magnetic pull in small cage induction motors with skewed rotors and dynamic rotor eccentricity 111970
Dorrell, D.G., Smith, A.C. Calculation and measurement of unbalanced magnetic pull in cage induction motors with eccentric rotors. II. Experimental investigation 71323
Dorrell, D.G. *see* Smith, A.C. 71322
Dorren, B.H.P. *see* Vreeburg, C.G.M. 103953
Dorrer, C. *see* Pankoke, R. 75902
Dorri, B. *see* Bu-Xin Xu 95544
Dorrio, B.V., Blanco-Garcia, J., Doval, A.F., Lopez, C., Soto, R., Bugarin, J., Fernandez, J.L., Perez-Amor, M. Surface evaluation combining the moire effect and phase-stepping techniques in Fizeau interferometry 119862
Dorrio, B.V. *see* Blanco-Garcia, J. 107631
Dorris, D.L., Pace, M.O., Blaleck, T.V., Alexeff, I. Current pulses during water treeing procedures and results 115401
Dorris, D.L., Pace, M.O., Blalock, T.V., Alexeff, I. Current pulses during water treeing detection system 115400
Dorris, S.E. *see* Balachandran, U. 91234
Dorrity, J.L., Vachtsevanos, G. On-line defect detection for weaving systems 82289
Dorsch, O. *see* Jansen, E. 89540
Dorsch, R.G. *see* Mendlovic, D. 67448
Dorsch, R.G. *see* Mendlovic, D. 98013
Dorsch, R.G. *see* Mendlovic, D. 117537
Dorschel, B. *see* Kunzmann, S. 69705
Dorschel, B. *see* Kunzmann, S. 69706
Dorschel, B. *see* Kunzmann, S. 70276
Dorschky, C. *see* Hauenschild, J. 73571
Dorschner, T.A. *see* Resler, D.P. 64821
Dorsett, M.J., Frampton, K., Gesell, L.H. Real time processing of wideband complex radar waveforms 99634
Dorsey, J.F. *see* Magill, J.C. 80547
Dorsey, P.C., Lubitz, P., Chrisey, D.B., Horwitz, J.S. CoFe$_2$O$_4$ thin films grown on (100) MgO substrates using pulsed laser deposition 72942
Dorsey, P.C. *see* Chrisey, D.B. 104101
Dorsey, P.C. *see* Horwitz, J.S. 106479
Dorsinville, R. *see* Priestley, R. 116732
Dorval, D., Dars, P., Merckel, G., Bonnaud, O. A new method using charge pumping measurements

to determine the electrical channel length variation during aging of 0.5 μm CMOS transistors 63679
Dorval, N. *see* Ganz, M. 61406
Dorval, R. *see* Katz, A. 82980
Dos Reis, H.L.M., Warmann, K.A. Acousto-ultrasonic damage evaluation of steel-belted radial tires 113000
dos Reis, L.B., Saidel, M.A. Operation at adjustable speed: prospectives of higher energy efficiency and better environmental integration for hydroelectric plants 91381
dos Reis Filho, C.A., dos Santos, M. A high-performance CMOS first-generation current conveyor 93573
dos Reis Filho, C.A. *see* Luiz Moreno, R. 95022
dos Santos, D.A. *see* Cornil, J. 75755
dos Santos, D.A. *see* Cornil, J. 96021
dos Santos, J.M.F., Dias, T.H.V.T., Santos, F.P., Lopes, J.A.M., Veloso, J.F.C.A., Rachinhas, P.J.B., Morgado, R.E., Stauffer, A.D., Conde, C.A.N. The response of xenon gas proportional scintillation counters to K_α and K_β fluorescence-escape events 101016
dos Santos, J.M.F., Veloso, J.F.C.A., Lopes, J.A.M., Morgado, R.E. A simple method to improve the spatial uniformity of venetian-blind photomultiplier tubes 74084
dos Santos, J.M.F., Veloso, J.F.C.A., Lopes, J.A.M., Morgado, R.E. A simple method to improve the spatial uniformity of venetian-blind photomultiplier tubes 100834
dos Santos, J.M.F. *see* Dias, T.H.V.T. 80068
dos Santos, J.M.F. *see* Veloso, J.F.C.A. 80045
dos Santos, J.M.F. *see* Veloso, J.F.C.A. 101021
dos Santos, M. *see* dos Reis Filho, C.A. 93573
Dos Santos, M.C. *see* Dantas, S.O. 83648
Dos Santos, O., Mathet, V., Fau, C., Charar, S., Averous, M. Pb/p-PbSe junction: an investigation of current-voltage and capacitance-voltage measurements 84293
Dos Santos, O. *see* Mahoukou, F. 83839
Dos Santos, S. *see* Lardet-Vieudrin, F. 115463
Dosaka, K., Abe, H., Yamazaki, A., Ishihara, K., Kumanoya, M. A 16 Mbit cached DRAM with an integrated controller 73335
Dosaka, K., Yamazaki, A., Watanabe, N., Abe, H., Ohtani, J., Ogawa, T., Ishihara, K., Kumanoya, M. A 90-MHz 16-Mb system integrated memory with direct interface to CPU 61894
Dosaka, K., Yamazaki, A., Watanabe, N., Abe, H., Ohtani, J., Ogawa, T., Ishihara, K., Kumanoya, M. A 90-MHz 16-Mb system integrated memory with direct interface to CPU 93377
Dosaka, K. *see* Iwata, S. 113978
Dosaka, K. *see* Kumanoya, M. 61904
Dosaka, K. *see* Shimizu, T. 73431
Dosanjh, S.S. *see* Bames, J. 74367
Dosedel, S.B. *see* Mall, S. 61460
Doshi, B.T., Dravida, S., Harshavardhana, P. Overview of INDT–a new tool for next generation network design 87497
Doshi, B.T. *see* Chuah, M.C. 108858
Doshi, B.T. *see* DeSimone, A. 108951
Doshi, P., Mejia, J., Tate, K., Rohatgi, A. Integration of screen-printing and rapid thermal processing technologies for silicon solar cell fabrication 102981
Doshi, P., Rohatgi, A., Ropp, M., Chen, Z., Ruby, D., Meier, D.L. Rapid thermal processing of high-efficiency silicon solar cells with controlled in-situ annealing 103000
Doshi, P. *see* Foster, K.R. 70300
Doshi, P. *see* Rohatgi, A. 112346
Doshita, S. *see* Kawahara, T. 97587
Dosiere, F., Maral, G., Boutes, J.-P. Shadowing: process models for mobile and personal satellite systems 78502
Doskolovich, L.L., Kazansky, N.L., Kharitonov, S.I., Soifer, V.A. A method of designing diffractive optical elements focusing into plane areas 85768
Doskow, J. *see* Wise, T. 120082
Dosluoglu, T. *see* Blouke, M.M. 100119
Dospisil, J., Kendall, E., Polgar, T. Multi-agent quality of service management system for multimedia 87969
Doss, M.M. A fast adaptive technique for impedance matching networks 114056
Dosselli, U. *see* De Giorgi, M. 120221
Dossick, S.E., Kaiser, G.E. WWW access to legacy client/server applications 77958
Dost, A.A. *see* Ahmed, E. 74515
Dost, S., Qin, Z. A model for liquid phase electroepitaxial growth of ternary alloy semiconductors. I. Theory 104017
Dost, S. *see* Dincer, I. 91264
Dost, S. *see* Kimura, M. 72812
Dost, S. *see* Qin, Z. 104018
Doster, J.M., Holmes, M.A. Numerical stability of the six-equation, single-pressure model with viscous terms 121311
Dotor, M.L. *see* Gonzalez, L. 113296
Dotsch, H. *see* Shamonin, M. 95883
Dotsch, H. *see* Shamonin, M. 97251
Dotsch, H. *see* Shamonin, M. 106841
Dotsenko, A.V., Sushkov, O.P. Temperature dependence of the electron chemical potential in $YBa_2Cu_3O_{6+\delta}$ 106652
Dotsenko, K.A. *see* Aver'yanov, S.G. 116771
D'Ottavi, A., Martelli, F., Spano, P., Dall'ara, R., Eckner, J., Guekos, G. Experimental characterization of semiconductor optical amplifiers used as frequency converters by means of four-wave mixing 85705
D'Ottavi, A. *see* Mecozzi, A. 96679
Dotti, D., Lombardi, R. Estimation of the angle between ultrasound beam and blood velocity through correlation functions 110676
Dotting, K. *see* Schilling, M. 78777
Dottling, M. *see* Cichon, D.J. 109413
Doty, F.P., Butler, J.F., Hink, P.L., Macri, J.R. Performance of submillimeter CdZnTe strip detectors 101211
Doty, F.P. *see* Hamel, L.A. 80067
Doty, F.P. *see* Hamel, L.A. 100831
Doty, F.P. *see* Macri, J.R. 80155
Doty, F.P. *see* Macri, J.R. 101024
Doty, F.P. *see* Marks, D.G. 80353
Doty, J.R. *see* Betzner, T.M. 79354
Doty, R.E., Vajo, J.J. A study of field-assisted silver migration in a low temperature cofirable ceramic 83644
Dotys, F.P. *see* Marks, D.G. 101240
Dou, J.-M., Quoniam, L., Emeric, J.-L. The Internet to manage technological survey networks 118357
Dou, K. *see* Jin, C. 74246
Dou, K. *see* Zhao, J. 74247
Dou, R., Giles, M.K. Simple technique for measuring the phase property of a twisted nematic liquid crystal television 64824
Dou, S.X., Ding, Y., Eichler, H.J., Zhu, Y., Ye, P.X. Temperature dependent photorefractive properties of a Ce-doped $BaTiO_3$ crystal 116730
Dou, S.X. *see* Hu, Q.Y. 106672
Dou, S.X. *see* Jiasen Zhang 107598
Dou, S.X. *see* Wang, W.G. 61450
Dou, S.X. *see* Wang, W.G. 113536
Dou, S.X. *see* Zeimetz, B. 115898
Dou, S.X. *see* Zhong, S. 112265
Dou, Y., Egdell, R.G. n-type doping in Cd_2SnO_4: a study by EELS and photoemission 84094
Dou Chie *see* Chie Dou
Dou Rensheng *see* Rensheng Dou
Dou Shi Xue *see* Shi Xue Dou
Dou Shixue *see* Liu Huanliu 121232
Dou Wen Bin *see* Wen Bin Dou
Dou Wenbin, Sun Zhonglian Analysis of electromagnetic wave propagation in multilayer mediums containing anisotropic material 97150
Dou Wenhua *see* Wenhua Dou
Dou Xiankang *see* Xiankang Dou
Dou Xiaomu *see* Xiaomu Dou
Dou-Yol Kang *see* Dong-Myung Shin 76160
Dou-Yol Kang *see* Young-Soo Kwon 74507
Douak, K. The relation of the d-orthogonal polynomials to the Appell polynomials 72405
Doualan, J.L. *see* Konate, A. 65126
Douard, M. *see* Vezin, B. 116658
Doucet, A. *see* Andrieu, C. 117471
Doucette, A. *see* Lewis, P. 107067
Doucin, B., Carriere, T., Poivey, C., Garnier, P., Beaucour, J., Patin, Y. Model of single event upsets induced by space protons in electronic devices 105848
Doudin, B., Blondel, A., Ansermet, J.-P. Arrays of multilayered nanowires 75187
Doudle, C. *see* Ertugrul, N. 111932
Doudoumopoulos, N. *see* Jorquera, C. 88958
Doug Nyun Kim On random multiaccess scheme with channel timing information 77692
Doug Nyun Kim *see* Hong Seong Chang 118878
Dougal, R.A. *see* Brice, C.W. 111682
Dougall, R.S. *see* Ghoneimy, A.E. 81255
Dougherty, A. *see* Cahn, D. 72195
Dougherty, A. *see* Mikols, E.H. 101571
Dougherty, B.L. *see* Allbritton, G.L. 80079
Dougherty, B.L. *see* Allbritton, G.L. 100826
Dougherty, B.L. *see* Cabrera, B. 100819
Dougherty, B.L. *see* Lee, A.T. 100904
Dougherty, B.L. *see* Penn, M.J. 79997
Dougherty, B.P. *see* Fanney, A.H. 81998
Dougherty, D.J. *see* Lenz, G. 116413
Dougherty, E.R. *see* Batman, S. 77353
Dougherty, E.R. *see* Handley, J.C. 77352
Dougherty, E.R. *see* Handley, J.C. 97843
Dougherty, F.V. If you can't come to us… [distance education] 108914
Dougherty, J.P. *see* Sample, D.R. 83633
Doughty, C. *see* Gorbatkin, S.M. 84219
Doughty, C. *see* Talyansky, V. 75360
Doughty, D.C., Jr. *see* Hodson, R.F. 90211
Doughty, D.C., Jr. *see* Hodson, R.F. 100942
Doughty, D.H. *see* Cygan, R.T. 112286
Doughty, D.H. *see* Voigt, J.A. 112284
Doughty, D.H., Vyas, B., Takamura, T., Huff, J.R. *(editors)* Materials for Electrochemical Energy Storage and Conversion - Batteries, Capacitors and Fuel Cells. Symposium 103316
Douglas, A.S. *see* Waks, E. 110745
Douglas, B.L., Silkaitis, J.M., Lee, H. Single-reference calibration technique for multiple-element array sonar imaging systems 88736
Douglas, D. *see* Benson, S.V. 96445
Douglas, D. *see* Benson, S.V. 107358
Douglas, D. *see* Legg, R. 100707
Douglas, D. *see* Neuffer, D. 96494
Douglas, D. *see* Neuffer, D.V. 79877
Douglas, D.R. *see* Krafft, G.A. 100526
Douglas, J. Fossil assets management: making decisions on older plants 71106
Douglas, J. Custom Power: optimizing distribution services 90971
Douglas, M.A. *see* Shuqing Zhang 110731
Douglas, N.G., Saluja, G.S. Results and verification of a regional wind energy resource survey 91404
Douglas, N.G. *see* Saluja, G.S. 102591
Douglas, R.K., Speyer, J.L. Robust fault detection filter design 82305
Douglas, S.C. An efficient algorithm for running max/min calculation 117419
Douglass, D.A., Edris, A.-A. Real-time monitoring and dynamic thermal rating of power transmission circuits 102044
Douglass, K. *see* Shock, D. 110805
Douguchi, Y. *see* Nanto, H. 85265
Doukas, N., Stathaki, T., Naylor, P. Speech enhancement through nonlinear adaptive source separation methods 117293
Doukelis, A., Founti, M., Mathioudakis, K., Papaillou, K. Evaluation of beam refraction effects in a 3D laser Doppler anemometry system for turbomachinery applications 79755
Douko, S. *see* Yanagi, H. 81907
Douligeris, C., Khawand, C., Khawand, J. Network layer design issues in a home automation system 67607
Douligeris, C. *see* Fahmy, H.I. 108931
Douligeris, C. *see* Liu, Y.-C. 98361
Douligeris, C. *see* Yao-Ching Liu 77605
Doumae, Y. *see* Yang, B. 74186
Doumanidis, C.C. Scanned orbital welding: thermal simulation and distributed control 100041
Doumbia, M.L. *see* Rajagopalan, V. 104325
Doumi, S. *see* Yanagi, H. 113337
Doumi, T.L. *see* Ruiz, G. 88179
Doumi, T.L. *see* Ruiz, G. 109435
Doumi, T.L. *see* Tsioumparakis, K.H. 107924
Dounais, G., Vassilakis, P., Psomas, S. A similarity based approach as an aid to the fault management of electric power plants 102431
Dourish, P., Adler, A., Bellotti, V., Henderson, A. Your place or mine? Learning from long-term use of audio-video communication 118534
Dourlens, C. *see* Kotanowski, C. 93916
Douseki, T., Mutoh, S. A 1-V MTCMOS circuit hardened to temperature dependent delay-time variation 113833
Douseki, T., Shigematsu, S., Tanabe, Y., Harada, M., Inokawa, H., Tsuchiya, T. A 0.5 V SIMOX-MTCMOS circuit with 200 ps logic gate 73248
Dousse, C., Goette, J., Jacomet, M., Grob, U., Mosimann, D. Fuzzy-logic based decision-machine to solve the handover problem in digital cellular radio system 88305
Dousse, J.C. *see* Hoszowska, J. 90251
Doussiere, P. *see* Danielsen, S.L. 88636
Doussiere, P. *see* Danielsen, S.L. 99559
Doussiere, P. *see* Joergensen, C. 88595
Doussiere, P. *see* Joergensen, C. 99458
Doussiere, P. *see* Jourdan, A. 88603
Doussiere, P. *see* Soulage, G. 119234
Doussiet, F., Legentil, M., Pasquiers, S., Postel, C., Puech, V., Richeboeuf, L. Investigations of a photo-triggered HF laser 107052
d'Ouville, T.T., Mendez, F., Bruines, J., Zangara, L., Durieu, G. Parametric test engineering optimization: methodology and software system 115359
Dova, P., O'Grady, K., Sinclair, G.J., Jones, G.A., Grundy, P.J. Magnetic coupling in CoPtCr/Cr trilayer films 106582
Doval, A.F., Fernandez, J.L., Perez-Amor, M., Valera, J.D.R., Jones, J.D.C. Contrast enhanced and phase controlled stroboscopic additive fibre optic TV-holography for whole field out-of-plane vibration analysis 76272
Doval, A.F. *see* Blanco-Garcia, J. 107631
Doval, A.F. *see* Dorrio, B.V. 119862
Dovalil, U. *see* Howorka, K. 110873
DoVan Minh *see* Minh DoVan
Dovbeshko, A., Kanchenko, V., Pavlovski, M. Laser gyroscope with system of minimization and stabilization of the counter waves connection 107687
Dovbeshko, A., Tropkin, E. New fiber optics rate gyros 110187
Dovbeshko, A.A., Gayèvsky, V.K., Serezhkin, Yu.G. Small-size waveguide He-Ne laser with HF (SHF) pumping for optoelectronic systems for speed measurements 107128
Dovbnya, A.N., Zakutin, V.V., Zhiglo, V.F., Opanasenko, A.N., Romasko, V.P., Cherenshchikov, S.A. Experimental studies on cold cathode magnetron gun 90081
Dovbnya, A.N. *see* Aizatsky, N.I. 110475
Dovbnya, A.N. *see* Cherenshchikov, S.A. 90082
Dovbnya, A.N. *see* Tur, Yu.D. 89711
Dover, R.B.van *see* van Dover, R.B.
Doverspike, R., Maeda, M., Narain, S., Pastor, J., Chien-Chung Shen, Stoffel, N., Yukun Tsai, Wilson, B. Network management research in ATDNet 98681
Dovgun, S.V. *see* Gornov, M.G. 120188
Dovhii, Ya.O., Shovgenyuk, M.V. Photopolymers as the optical-informational media 86908
Dovica, M. *see* Gmiterko, A. 89523
Dovio, E. *see* Cinguino, P. 96430
Dow, G.S., Lo, D.C.W., Guo, Y., Lin, E.W., Chung, T.T., Biedenbender, M.D., Miromontes, O., Marashi, A., Yujiri, L., Lee, P.S.C., Shoucri,

M.M., Allen, B.R. Large scale W-band focal plane array for passive radiometric imaging 89157
Dow, G.S. *see* Huei Wang 114320
Dow, G.S. *see* Lin, E.W. 90881
Dow, J., Geer, R. Integrating communication technology into the education of preservice teachers 98690
Dow, J.D. *see* Run-Di Hong 62779
Dow, J.D. *see* Shang Yuan Ren 83899
Dow, K. *see* Jacobs, K. 79916
Dow, S. *see* Chau, A. 100936
Dow, S.F. *see* Chau, A. 90219
Dow, S.F. *see* Santos, D.M. 90218
Dow, S.F. *see* Santos, D.M. 100937
Dowan Kim *see* Dongjin Bae 111961
Dowben, P.A. *see* Welipitiya, D. 92873
Dowd, A., Levine, M. Calibrate vector modulators for phase modulation 104407
Dowd, M., Thompson, K.R. Extraction of tidal streams from a ship-borne acoustic Doppler current profiler using a statistical-dynamical model 111272
Dowd, P., Perreault, J., Chu, J., Hoffmeister, D.C., Minnich, R., Burns, D., Hady, F., Chen, Y.-J., Dagenais, M., Stone, D. LIGHTNING network and systems architecture 78919
Dowd, P., White, I.H., Tan, M.R.T., Houng, Y.M., Wang, S.Y. Mode-locking of an InGaAs VCSEL in an external cavity 65247
Dowd, P. *see* Kim, J.-S. 118922
Dowd, P.W., Carrozzi, T.M., Pellegrino, F.A., Xin Chen, A. Native ATM application programmer interface testbed for cluster-based computing 78006
Dowd, P.W. *see* Kim, J.-S. 78578
Dowd, P.W. *see* Sivalingam, K.M. 87797
Dowdell, J. *see* Bindra, R. 90209
Dowdell, J. *see* Bindra, R. 100949
Dowden, R., Brundell, J., Rodger, C., Mochanov, O., Lyons, W., Nelson, T. The structure of red sprites determined by VLF scattering 90813
Dowden, R.L., Brundell, J.B., Lyons, W.A., Nelson, T. Detection and location of red sprites by VLF scattering of subionospheric transmissions 107881
Dowden, R.L. *see* Kitagawa, T. 65845
Dowden, R.L. *see* Rodger, C.J. 116914
Dowdy, M. *see* Jorquera, C. 88958
Dowell, A.C. *see* Oram, C.E. 103201
Dowell, D. Integration of transient S-parameter simulation into HPSPICE 61527
Dowell, D.H., Adamski, J.L., Hayward, T.D., Parazzoli, C.G., Vetter, A.M. The Boeing photocathode accelerator magnetic pulse compression and energy recovery experiment 96492
Dowell, D.H., Hayward, T.D., Vetter, A.M. Magnetic pulse compression using a third harmonic RF linearizer 89713
Dowell, D.H., Joly, S., De Brion, J.P., Haouat, G., Loulergue, A. Longitudinal phase space experiments on the ELSA photoinjector 96491
Dowell, D.H. *see* Adamski, J.L. 76062
Dowell, D.H. *see* Adamski, J.L. 96528
Dowell, D.H. *see* Hayward, T.D. 79878
Dowie, T., Simon, M., Fogg, B. Product disassembly costing in a life-cycle context 60765
Dowla, F.U., Skokowski, P.G., Leach, R.R., Jr. Neural networks and wavelet analysis in the computer interpretation of pulse oximetry data 110660
Dowla, F.U. *see* Leach, R.R., Jr. 111154
Dowlatshahi, S. The effect of engineering cooperative experience on graduate starting salaries 60423
Dowling, D.A. *see* Fleck, B. 85770
Dowling, D.P., Donnelly, K., O'Brien, T.P., O'Leary, A., Kelly, T.C., Neuberger, W. Application of diamond-like carbon films as hermetic coatings on optical fibres 84963
Dowling, D.T., Alton, G.D., Auble, R.L., Dinehart, M.R., Haynes, D.L., Johnson, J.W., Juras, R.C., Kwon, Y.S., Meigs, M.J., Mills, G.D., Mosko, S.W., Olsen, D.K., Tatum, B.A., Williams, C.E., Wollnik, H. Status of the radioactive ion beam injector at the Holifield Radioactive Ion Beam Facility 100713
Dowling, D.T. *see* Bailey, J.D. 79921
Dowling, D.T. *see* Meigs, M.J. 79886
Dowling, E.M. *see* DeGroat, R.D. 86186
Dowling, G.R. *see* Brock-gunn, S. 97986
Dowling, J.L., Henegar, M.M., Liu, D., Rovainen, C.M., Woolsey, T.A. Rapid optical imaging of whisker responses in the rat barrel cortex 101221
Dowling, J.P. *see* Scalora, M. 105842
Dowling, R.P. Reconceptualizing telecommunication delivery systems for rural populations 88428
Dowling, S., West, R.H. The effects of radiation on identical devices with different types of packaging 105917
Dowling, S. *see* West, R.H. 75567
Dowling, S. *see* West, R.H. 106854
Dowling, T., Lewis, E. Diamond hikes power levels of resistors and terminations 83547
Down, D., Meyn, S.P. The structure of fluid models and instability of queueing networks 60799
Down, D. *see* Virtamo, J. 108948
Down, D.A. *see* Bishop, M.T. 81056
Downer, M.C. *see* Dadap, J.I. 107584
Downer, M.C. *see* Siders, C.W. 79839
Downes, C.G., Hill, S.L., Gray, J.O. Control aspects of a powered hip orthosis 101434
Downes, D., Holmes, P.G., Patterson, B., Pratt, J.M.K., Kansara, M. A novel technique to derive an analogue hardware description language model of a 2.2 kW induction motor 71315
Downes, M.B. *see* Das, I.J. 90578
Downey, D.B. *see* Tong, S. 110672
Downey, N. *see* Patel, A. 77745
Downey, W.P. *see* Craven, R.A. 63887
Downie, J.D., Smithey, D.T. Red-shifted photochromic behavior of a bacteriorhodopsin film made from the L93T genetic variant 64615
Downing, E.A., Hesselink, L., Macfarlane, R.M. A solid-state three-dimensional volumetric display 89336
Downing, M. *see* Undrill, P. 80324
Downs, J. *see* Nakauchi, E. 98663
Downs, K.S., Hamstad, M.A. High sensor density acoustic emission monitoring of graphite/epoxy pressure vessels 113589
Downs, K.S., Hamstad, M.A. Differences in generation and detection of acoustic emission based on a large number of AE sensors on graphite/epoxy pressure vessels 113622
Downs, M. *see* Mayweather, D. 99571
Dowsett, J. Crystal oscillator phase noise and stability 115442
Dowski, E.R. *see* Cathey, W.T. 117534
Dowski, E.R., Jr. *see* Van Der Gracht, J. 99889
Dowson, S. Sound level meters–specification standards and testing 70553
Doyle, D. *see* Rohan, D. 63293
Doyle, E. *see* Fowkes, W.R. 100416
Doyle, J.J. *see* De Larios, J.M. 74593
Doyle, J.P., Svensson, B.G., Aboelfotoh, M.O. Copper germanide Schottky barrier contacts to silicon 94595
Doyle, J.R. *see* Dagel, D.J. 72881
Doyle, K.B., Cerrati, V.J., Forman, S.E., Sultana, J.A. Optimal structural design of the airborne infrared imager 69293
Doyle, M., Newman, J., Gozdz, A.S., Schmutz, C.N., Tarascon, J.-M. Comparison of modeling predictions with experimental data from plastic lithium ion cells 81714
Doyle, M.S., King, P.H. Neural network analysis of adventitious lung sounds 101055
Doyle, R. Children of the SMT revolution [MCMs] 83676
Doyle, R., O'Flynn, B., Barrett, J., Slattery, O., Lawton, W. Chip-on-board for large area die an–assessment of low stress glob-top materials 92273
Doyle, S.M. *see* Prasad, N.S. 119902
Doyle, W.D. *see* He, L. 84780
Doyle, W.D. *see* He, L. 106511
Doyle, W.D. *see* Varga, L. 115477
Dozal, L. *see* Wickham, M. 66181
Dozer, D.M., Jagannathan, S., Gerver, M.J., Fenn, R.C., Logan, D.M., Berry, J.R. High force to volume Terfenol-D reaction mass actuator: modeling and design 115871
Dozier, J. *see* Zhengming Wan 90810
Dozsa, L., Karanyi, J., Riesz, F., Vo Van Tuyen, Szentpali, B., Muller, A. Determination of the current-voltage characteristic of negative differential resistance devices by transient measurement 115151
Dozza, D., Gaddoni, M., Baccarani, G. A 3.5 ns, 64 bit, carry-lookahead adder 113934
Drab, F., Heidenreich, S. Problems of precision measurement of pressure in power engineering 121251
Drabik, T.J. *see* Dohle, G.R. 96053
Drabik, T.J. *see* Rainer Dohle, G. 96058
Drachev, V.P., Perminov, S.V., Safanov, V.P. Nonlinear phase characteristics of the dispersion interferometer at high-intensity pulses 107605
Dracos, M. *see* Adam, W. 69709
Dracos, M. *see* Adam, W. 69735
Dracos, M. *see* Apeldoorn, G. 69713
Dracos, M. *see* Bloch, D. 69734
Dracos, M. *see* Botner, O. 69728
Dracos, M. *see* Cossutti, F. 69730
Dradjiotis, J.L. *see* Kossiavas, G. 97375
Drafts, B. Selecting Hall effect devices for BLDC motor commutation 81482
Draganescu, O. Aspects concerning the deformation degree influence of the magnetic and electric variables on the values of asynchronous motors parameters under a permanent symmetrical short-circuit 81437
Draganescu, O.Gh. Aspects regarding the determination in an analytical and experimental way of the additional and principal losses in the rotating electric motor in different operating conditions 121477
Draganic, I.N. *see* Stanic, B.V. 107871
Draggnea, B. *see* Peremans, A. 107401
Draghi, S. Estimation for the implementation of GNSS in Europe 90724
Drago, A. *see* Claus, R. 100601
Drago, A. *see* Teytelman, D. 100523
Dragoman, D Wigner distribution function in nonlinear optics 107562
Dragoman, D., Dragoman, M. Tunneling-time asymmetry in resonant quantum structures 74436
Dragoman, D., Dragoman, M. Tunneling-time properties in type II quantum resonant structures 114781
Dragoman, M. *see* Dragoman, D. 74436
Dragoman, M. *see* Dragoman, D. 114781
Dragoman, M. *see* Marcelli, R. 115856
Dragomir, S.S., Goh, C.J. A counterpart of Jensen's discrete inequality for differentiable convex mappings and applications in information theory 92486
Dragomirescu, M. A note about the extrema of $\langle a, x\rangle/\|x\|$ over a ball and applications 82439
Dragon, C., Costa, J., Lamey, D., Ngo, D., Burger, W., Camilleri, N. A silicon MOS process for integrated RF power amplifiers 82965
Dragon, C., Costa, J., Lamey, D., Ngo, D., Burger, W., Camilleri, N. A silicon MOS process for integrated RF power amplifiers 83452
Dragon, C. *see* Ngo, D. 83496
Dragon, E.P. *see* Chang, J.J. 116374
Dragon, E.P. *see* Warner, B.E. 60586
Dragone, C. *see* Kaminow, I.P. 77942
Dragos, L. *see* Rosu, V.A. 121366
Dragovic-Ivanovic, R. *see* Mijanovic, Z. 104629
Dragulinescu, D. *see* Miu, D. 72947
Drahos, J. *see* Puncochar, M. 113139
Drahos, J. *see* Vrba, J. 60851
Drajic, D. *see* Bajic, D. 66202
Drake, A. *see* Macri, J.R. 80155
Drake, A. *see* Macri, J.R. 101024
Drake, A.E., Jasko, E. Coercivity measurements on high permeability nickel-iron alloys using a modified NPL vibrating coil magnetometer 69052
Drake, A.E. *see* Rollett, D.A. 89470
Drake, B. The impact of BGAs on SMT placement equipment 112948
Drake, C. *see* Giacalone, G. 73368
Drake, D.F., Williams, D.B. Pseudo-chaos for direct-sequence spread-spectrum communication 67510
Drake, D.M. *see* Koenen, M. 100875
Drake, F.-D. The CO_2-reduction potential of district heating with combined heat and power generation 102413
Drake, G., Merritt, B. High-dynamic range applications of integrated optic modulators 68454
Drake, G.W. *see* Merritt, S.W. 119153
Drake, J.M. *see* Schmid, G.J. 120215
Drake, M.D., Lidd, M.L., Fiddy, M.A. Waveguide hologram fingerprint entry device 117752
Drake, M.E., Jr. *see* Aotsuka, A. 90542
Drakin, A.E. *see* Eliseev, P.G. 65336
Drakul, S.L. Advances in multidimensional coded modulation techniques for nonlinear channels 88447
Drakunov, S. *see* Alba-Flores, R. 71267
Drakunov, S. *see* Salinas, R. 71333
Drakunov, S.V. *see* Rundell, A.E. 95392
Dralyuk, B.N. *see* Braun, A.E. 71943
Dramicanin, M.D. *see* Nikolic, P.M. 83827
Drangova, M. *see* Yudong Zhu 70011
Dranichnikov, A. *see* Calder, R. 94167
Draoli, M., Gambosi, G., Lancia, M. Videoconferencing on a LAN/MAN architecture: service evaluation and system dimensioning 118452
Draou, A. Application of state feedback to PWM AC-to-DC converter control 121588
Drapala, J. *see* Kuchar, L. 92674
Drapela, T.J., Franzen, D.L., Young, M. Optical fiber, fiber coating, and connector ferrule geometry: results of interlaboratory measurement comparisons 116030
Draper, B. *see* Ravela, S. 77324
Draper, B. *see* Riseman, E.M. 67470
Draper, B.A. *see* Buluswar, S.D. 77180
Draper, D. *see* Partovi, H. 73251
Draper, J. *see* Nolting, E. 69899
Draper, N. *see* Bardwell, J.A. 74578
Draper, N. *see* Bardwell, J.A. 114968
Draper, R.E. *see* Rehder, R.H. 102614
Drasar, C. *see* Lostak, P. 92659
Drascic, D., Magram, P. Perceptual issues in Augmented Reality 100225
Drascic, D. *see* Rastogi, A. 100224
Draudt, R. *see* Drozdyk, L. 94833
Draudt, R.R. *see* Home, G.S. 83641
Draugelates, U. *see* Fritzsche, H. 114459
Draves, R.P. *see* Jones, M.B. 118260
Dravet, A. *see* Coromina, F. 86004
Dravet, A. *see* Mathoorasing, D. 119134
Dravet, A. *see* Vanfleteren, J. 114472
Dravid, V.P. *see* Ravikumar, V. 95271
Dravida, S. *see* Chuah, M.C. 108858
Dravida, S. *see* DeSimone, A. 108951
Dravida, S. *see* Doshi, B.T. 87497
Draxler, A., Smolak, A. Possibilities to utilize biomass at thermal power plants 91324
Draxler, A. *see* Schrofelbauer, H. 111780
Draxler, K. *see* Ripka, P. 119654
Draxler, S. *see* Lippitsch, M.E. 101083
Dray, J.N. *see* Moyes, A. 71028
Draye, J.-P. *see* Cheron, G. 70108
Drayer, T.H., Tront, J.G., King, W.E., IV, Conners, R.W. MORRPH: a modular and reprogrammable real-time processing hardware 67147
Drayton, R.F., Henderson, R.M., Katehi, L.P.B. Advanced monolithic packaging concepts for high performance circuits and antennas 92251
Drayton, R.F., Katehi, L.P.B. Micromachined antennas with reduced effective dielectric constants 97334
Drayton, R.F., Weller, T.M., Katehi, L.P.B. Development of miniaturized circuits for high-frequency applications using micromachining techniques 93898
Drazek, Z. *see* Bogorodzki, P. 111550

Drazek, Z. *see* Mierzejewski, L. 112525
Drazek, Z. *see* Zarkow, J.I. 112550
Drazic, G. *see* Hrovat, M. 62378
Drazic, G. *see* Hrovat, M. 81736
Draznin, M. *see* Arensburg, A. 96443
Drechsler, M., Hofmann, D.M., Volm, D., Stadler, W., Steude, G., Meyer, B.K., Taudt, W., Soellner, J., Heuken, M. Electron mobilities in MOVPE-grown ZnSe quantum wells 74372
Drechsler, R. Verification of multi-valued logic networks 73307
Drechsler, R., Becker, B. Construction of robust path delay fault testable circuits derived from binary decision diagrams 93234
Drechsler, R., Becker, B. Relation between OFDDs and FPRMs 113062
Drechsler, R., Becker, B., Gockel, N. Minimization of OKFDDs by genetic algorithms 93235
Drechsler, R., Becker, B., Ruppertz, S. K*BMDs: a new data structure for verification 73029
Drechsler, R. *see* Becker, B. 73239
Drechsler, R. *see* Gockel, N. 92500
Drechsler, R. *see* Hett, A. 113676
Dreehsen, B. *see* Willems, J. 118375
Drees, A. *see* Agakichiev, G. 69736
Drees, A. *see* Assmann, R. 79970
Drees, A. *see* Littmann, E. 98293
Drees, R.Meijer *see* Meijer Drees, R.
Dreher, A. Discrete mode matching for the full-wave analysis of planar waveguide structures 85936
Dreher, T. Copper-based and fiber cabling 68033
Dreher, T., Perrin-Bit, R., Meunier, G., Coulomb, J.L. A three dimensional finite element modelling of rotating machines involving movement and external circuit 71249
Dreier, J. *see* Lomperski, S. 69063
Dreifus, D.L. *see* Bozeman, S.P. 83720
Dreisbach, D.A. *see* Schreyer, R.W. 91845
Dreischuh, A., Eugenieva, E., Dinev, S. Spatiotemporal evolution of probe beams guided between bright solitons of nondegenerate frequencies 107533
Dreischuh, A., Kamenov, V., Dinev, S. Parallel guiding of signal beams by a ring dark soliton 119148
Dreischuh, A. *see* Buchvarov, I. 107182
Dreischuh, A. *see* Nikolaev, N. 76116
Dreischuh, A. *see* Velchev, I. 107604
Dreischuh, T.N. *see* Stoyanov, D.V. 109809
Dreizner, A., Nagel, J., Scharfe, R. A new wafer level reliability method for evaluation of ionic induced pMOSFET drift effects 115356
Dremov, V.V., Sadykov, N.R. Simulation of the process of propagation of radiation in a waveguide in the case of strong coupling 75525
Drenckhahn, W. *see* Blum, L. 81764
Drennen, W.J., Hoorfar, A. Modeling of multi-layer microstrip antennas and circuits using mixed potential Green's functions 76566
Drent, W.P.Van *see* Van Drent, W.P.
Drentea, C. Designing for high profitability in the 90s 92145
Drenten, R.R. Waveguiding aspects of advanced semiconductor lasers and miniature blue-green lasers 107337
Drera, D. *see* Ghidini, G. 63179
Drescher, G., Spack, H. Ageing test for medium-voltage installations for aggravated environmental conditions according to IEC Report 932 [enclosed switchgear] 121788
Drescher, P., Andresen, H.G., Aulenbacher, K., Bermuth, J., Dombo, T., Fischer, H., Euteneuer, H., Faleev, N.N., Galaktionov, M.S., von Harrach, D., Hartmann, P., Hoffmann, J., Jennewein, P., Kaiser, K.H., Koebis, S., Kovalenkov, O.V., Kreidel, H.J., Langbein, J., Mamaev, Y.A., Nachtigall, C., Petri, M., Pluetzer, S., Reichert, E., Schemies, M., Schoepe, H.J., Steffens, K.H., Steigerwald, M., Subashiev, A.V., Trautner, H., Vinokurov, D.A., Yashin, Y.P., Yavich, B.S. Photoemission of spin polarized electrons from strained GaAsP 105007
Drescher, P. *see* Hartmann, P. 120119
Dresel, T. Optimization of symmetric Dammann gratings with a multidimensional error feedback algorithm 96768
Dresel, T., Beyerlein, M., Schwider, J. Design and fabrication of computer-generated beam-shaping holograms 96833
Dresel, T., Schwider, J., Wehrhahn, A., Babin, S. Grazing incidence interferometry applied to the measurement of cylindrical surfaces 85755
Dress, A. *see* Faschingbauer, U. 110557
Dress, P., Franke, H. A cylindrical liquid-core waveguide 95719
Dress, P., Franke, H. An optical fiber with a liquid H_2O core 100052
Dress, W.B. *see* Kercel, S.W. 71866
Dress, W.B., Jr., Hickerson, T.W., Pack, R.M. Enclosed Space Detection System (ESDS) 119666
Dresselhaus, M.S. *see* Endo, M. 81717
Dresselhaus, M.S. *see* Hicks, L.D. 63021
Dresselhaus, M.S. *see* Pekala, R.W. 104899
Dressendorfer, P. *see* Chanchani, R. 94132
Dressler, J. *see* Heim, J. 79957
Dressler, R., Barnum, D., Loiz, M. COTS SAR processing software 109773
Dreuille, O.De *see* De Dreuille, O.
Dreuillet, P. *see* Titin-Schnaider, C. 68696
Drevillon, B. *see* Kildemo, M. 72889
Drevillon, B. *see* Kildemo, M. 104089
Drevlak, M. Preservation of single- and multi-bunch emittance in linear accelerators 120045
Drevlak, M., Wanzenberg, R. Beam dynamics studies for the SBLC 89659
Drevon, C. Organic versus non-organic substrates for RF applications 114255
Drevyatnikova, E.O. The problems of digital reconstruction of synthetic-aperture radar images 67172
Drew, D.H. *see* Michell, F.L. 121368
Drew, J. *see* Wilson, B. 68433
Drew, J.D., Darwazeh, I.Z., Wilson, B. Generation of negative capacitance in a common gate MESFET stage and application to optical receiver design at microwave frequencies 73731
Drew, J.D. *see* Wilson, B. 73734
Drew, M.A., Hofmeister, C. Flexible tool interfaces increase responsiveness of process equipment suppliers 82172
Drew, R., Morris, D., Dew, P., Leigh, C. A system architecture for supporting event based interaction and information access 87896
Drew, R.A.L. *see* Entezarian, M. 105734
Drew, S. *see* Buchanan, N. 93897
Drew, T., Vardy, A., Tarnow-Mordi, W., Lerski, R. A numerical model of an intensive care ventilator-humidifier system 70221
Drewell, N.H., Sandri, S., Craig, S.T., Frketich, G., Smyth, D.L. Custom-tailored dose with the IMPELA electron irradiator 100760
Drewell, N.H. *see* Burns, P. 100761
Drewien, C.A. *see* Kern, J.A. 92947
Drewien, C.A. *see* Weiser, M.W. 82192
Drewniak, J.L. *see* Hao Shi 60998
Drewniak, J.L. *see* Hockanson, D.M. 97194
Drews, D., Schneider, A., Horn, K., Zahn, D.R.T. Raman monitoring of ternary compound formation: ZnS_xSe_{1-x} on GaAs(100) 74182
Drews, D. *see* Schneider, A. 74465
Drexler, H. *see* Hansen, W. 83936
Drexler, H. *see* Unterrainer, K. 105399
Drexler, M. *see* Smutz, W.P. 69954
Dreyer, K. *see* Glance, B. 99572
Dreyer, K. *see* Liou, K.-Y. 68486
Dreyer, K. *see* Young, M.G. 68418
Dreyer, K.A. Time domain scattering theory: the physical optics approximation 97060
Dreyer, K.F. *see* Eskildsen, L. 85519
Dreyer, K.J. *see* Hansen, P.B. 85499
Dreyfus, R.W. *see* Le, H.C. 92832
Dreyfus, R.W. *see* Movtchan, I.A. 94625
Dreze, C. *see* Gamelin, J. 88652
Driad, R., Duchenois, A.M., Alexandre, S., Menouni, E., Desrousseaux, I., Legay, P., Launay, P. High frequency InGaP-GaAs planar heterojunction bipolar transistors 84331
Driad, R., Duchenois, A.M., Menouni, M., Alexandre, F., Legay, E., Launay, P. Self-aligned AlGaAs/GaAs HBT circuits achieved by CBE selective base contact regrowth 63599
Driad, R. *see* Launay, P. 63596
Driad, R. *see* Theys, B. 94360
Drichko, I.L. *see* Aronzon, B.A. 83837
Drieenhuizen, B.P.van *see* van Drieenhuizen, B.P.
Driel, H.M.Van *see* Van Driel, H.M.
Driel, H.van *see* van Driel, H.
Driese, K.L. *see* Oleson, K.W. 120664
Driesel, W., Dietzsch, C., Moser, M. In situ HV TEM observation of the tip shape of lead liquid metal ion sources 110532
Driesen, J., Van Craenenbroeck, T., Reekmans, R., Van Dommelen, D. Analysing time-varying power system harmonics using wavelet transform 111524
Drieskens, M. *see* Olsen, B.T. 98910
Driessche, I.Van *see* Van Driessche, I.
Driessen, A. *see* de Ridder, R.M. 64663
Driessen, A. *see* Horst, F. 65481
Driessen, A. *see* Van Schoot, J.B.P. 64603
Driessen, A. *see* van Schoot, J.B.P. 64738
Driessen, F.A.J.M., Bauhuis, G.J., Hageman, P.R., Giling, L.J. The two-dimensional electron gas in modulation-doped, ordered-disordered $GaInP_2$ homojunctions 62810
Driessen, P.F. Gigabit/s indoor wireless systems with directional antennas 98759
Driessen, P.F. *see* Brook, T. 116909
Driessen, P.F. *see* Zhen-Liang Shi 67558
Drift, E.van der *see* van der Drift, E.
Drift, E.W.J.M.van der *see* van der Drift, E.W.J.M.
Drigo, A.V. *see* Leo, G. 63051
Drigo, A.V. *see* Leo, G. 74180
Drigo, A.V. *see* Leo, G. 82639
Drigo, V. *see* Berti, M. 92757
Drill, C. *see* Weling, M. 63362
Drillon, M. *see* Laget, V. 64386
Drinkard, J. *see* Mours, B. 100821
Drinkard, J. *see* Mours, B. 120196
Drinkwater, M. *see* Falco, T. 90826
Driouach, A. *see* Setti, L. 112608
Drira, K. *see* Michel, F. 118107
Dris, M. *see* Adam, W. 69709
Driscoll, B.G. *see* Pearson, R.A. 66081
Driscoll, T.A., Trefethen, L.N. Pseudospectra for the wave equation with an absorbing boundary 72660
Driscoll, T.J. *see* Gallot, G. 76212
Driscoll, T.J. *see* Hache, F. 89534
Driskens, M. *see* Olsen, B.T. 78788
Drislane, F.W. *see* Ives, J.R. 90526
Driss, K.Ben *see* Ben Driss, K.
Drissi, M. *see* Guimard, C. 65939
Drissi, M. *see* Ling, B. 76520
Drissi, M. *see* Linot, B. 65953
Drissi, M. *see* Mellah, S. 66107
Drissi, M. *see* Rigoland, P. 76668
Drits, V.V. *see* Afanasev, A.A. 65061
Driver, D.E., Javor, K. Measurement of frequency domain conducted emissions using an oscilloscope 97161
Driver, K. *see* Cuyt, A. 60953
Driver, K. *see* Cuyt, A. 60979
Driver, K.A. *see* Cuyt, A. 72594
Driver, M.C. *see* Brandt, C.D. 104054
Driver, M.C. *see* Siergiej, R.R. 63954
Driver, M.C. *see* Sinharoy, S. 82609
Driver, M.C. *see* Sriram, S. 62274
Driver, M.C. *see* Sriram, S. 83385
Driver, T. *see* Martinez, M.J. 83374
Drizhuk, A.G., Zaitsev, M.V., Sidorov, V.G., Sidorov, D.V. Gallium nitride light-emitting diodes with blue polarized emission 64968
Drizhuk, A.G., Zaitsev, M.V., Sidorov, V.G., Sidorov, D.V. Gallium nitride light-emitting diodes with controllable color from blue to red 75744
Drizhuk, A.G., Zaitsev, M.V., Sidorov, V.G., Sidorov, D.V. Gallium nitride light-emitting diodes with white emission 96030
Drizhuk, A.G., Zaitsev, M.V., Sidorov, V.G., Sidorov, D.V. Multicolor gallium nitride light-emitting diodes with high luminescence yield 107011
Drnovsek, J., Bojkovski, J., Pusnik, I. Optimization of temperature equalizing blocks 110421
Drnovsek, J., Bojkovski, J., Pusnik, I., Repar, T. A measurement communication system [for home automation] 109042
Drnoyan, V.E. *see* Galstyan, T.V. 85721
Drobac, S. *see* Benson, D. 114482
Drobinski, P. *see* Oh, D. 69139
Drobishev, V.A. *see* Salunin, N.I. 95424
Drobnic, M. *see* Pracek, B. 89170
Drobnitzky, M. *see* Lenz, G.W. 90462
Drobnjak, G. *see* Vukelja, P. 81110
Drobny, G. *see* Bandilla, A. 85690
Drobot, S.D. *see* Barber, D.G. 120856
Drobshoff, A. *see* Bosenberg, W.R. 65498
Drobshoff, A. *see* Bosenberg, W.R. 107607
Drobysh, P. *see* Smirnov, A. 85127
Drobzhev, V.I. *see* Bezotosnyi, A.A. 116913
Drofenik, M. *see* Znidarsic, A. 64329
Drofenik, U. *see* Kolar, J.W. 121674
Drogaitsev, V.M. *see* Denisov, V.I. 109825
Droge, E. *see* Bottcher, E.H. 83300
Droge, E. *see* Bottcher, E.H. 100037
Droge, E. *see* Strittmatter, A. 75731
Droge, J.C. Design of a tamper resistant public key PC card 66273
Drogemuller, K. *see* Gottwald, E. 119203
Drohan, R. Developing and debugging heterogeneous multicomputer systems 93440
Droitcourt, J.-L. Integra architecture–anatomy of the interactive television set-top box, how it works, and what it means to the consumer 119391
Drolet, D. *see* Kobeissi, H. 114219
Drolet, D. *see* Omar, A.A. 114211
Drolet, J.-J.P., Barbastathis, G., Psaltis, D. Compact holographic memories 84959
Drolet, J.-J.P., Patel, J.S., Psaltis, D. Liquid crystal displays using the hybrid alignment method 89230
Droll, M. *see* Miri, A.M. 106706
Drolshagen, A., Anheier, W., Birreck, D. A hardware compiler for RNS-based circuit synthesis 61720
Drolshagen, G. *see* Danilov, V.V. 120582
Dromgooole, D., Lotfi, A., Feygenson, A., Frye, R., Han, B.J., Tai, K. The application of silicon-on-silicon MCMs to advanced analog power controllers 61652
Drongelen, I.C.Kerssens-Van *see* Kerssens-Van Drongelen, I.C.
Droopad, R. *see* Mathine, D.L. 85501
Droopad, R. *see* Moneger, S. 76043
Dropmann, U., Lagrange, X., Godlewski, P. Architecture of a multi-cell centralized packet access system 88331
Dror, I., Atar, S., Grossman, S., Kopeika, N.S. Accurate method for prediction of atmospheric transmission according to weather 116924
Dror, M., Shakun, M.F. Bifurcation and adaptation in evolutionary interactive multiobjective linear programming 103690
Drori, R., Jerby, E., Shahadi, A., Einat, M., Sheinin, M. Free-electron maser operation at the 1 GHz/1 keV regime 96506
Drori, R. *see* Jerby, E. 107032
Drori, R. *see* Shahadi, A. 96077
Drossinos, Y. *see* Lazaridis, M. 111749
Drossos, G., Wu, Z., Davis, L.E. Switchable cylindrical dielectric resonator antenna 66047
Drossos, G., Wu, Z., Davis, L.E. Two-element broadside arrays using cylindrical dielectric resonator antennas 76635
Drossos, G., Wu, Z., Davis, L.E. Theoretical and experimental investigation of cylindrical dielectric resonator antennas 117046
Drossos, G. *see* Lacey, D. 66046
Droste, S. New results on visual cryptography 97513
Drott, J. *see* Laurell, T. 110232

Droulas, J.-L., Nebois, L., De Magondeaux, B. In-vessel hydrogen production assessment during severe accident sequences 81281
Drouot, V., Gendry, M., Santinelli, C., Letartre, X., Tardy, J., Viktorovitch, P., Hollinger, G., Ambri, M., Pitaval, M. Design and growth investigations of strained $In_xGa_{1-x}As$/InAlAs/InP heterostructures for high electron mobility transistor application 106056
Drouot, V., Robinson, B.J., Thompson, D.A., Bru, C., Benyattou, T., Guillot, G. Evaluation of H-plasma and thermal oxide desorption procedures for MBE regrowth of an InP/InGaAs/InP quantum well 105608
Drozd, A., Lobachov, M., Hassonah, W. Hardware check of arithmetic devices with abridged execution of operations 73245
Drozdov, S.V., Kipshidze, G.D., Lebedev, V.B., Novikov, S.V., Sharonova, L.V. Ellipsometric investigation of epitaxial layers of InGaAs and InAlAs solid solutions isoperiodic with InP 113292
Drozdov, V.A. *see* Azarov, M.A. 116356
Drozdova, E.N. *see* Popovici, G. 84090
Drozdova, S.V., Kipshidze, G.D., Lebedev, V.B., Novikov, S.V., Sharonova, L.V., Shik, A.Ya., Zhmerik, V.N., Kuznetsov, V.M., Andrianov, A.V., Gurevich, A.M., Zinov'ev, N.N., Foxon, C.T., Cheng, T.S. Activated nitrogen source with an inverted magnetron geometry for molecular beam epitaxy of GaN 92742
Drozdovskaia, L.M. *see* Lebedev, I.V. 62245
Drozdovskaya, L.M. *see* Lebedev, L.V. 74695
Drozdovski, N.V. *see* Lebedev, I.V. 62245
Drozdowski, P. Some circumstances for an application of the 9-phase induction motor in the traction drive 112497
Drozdyk, L., Getty, R., Needes, C., Draudt, R., Hormadaly, J., Mones, A. Transition materials for silver-gold interconnects 94833
Drozdyk, L.P. *see* Home, G.S. 83641
Drozdziel, A. *see* Latuszynski, A. 120126
Druchinin, S.V.A. A criterion for distortion-free solutions to the electric-field integral equation when it is solved by the method of moments 108004
Drucker, J.S. *see* Krishnamurthy, M. 82614
Drucker, R. *see* Nghiem, S.V. 120857
Druckerman, H.B., Kusko, M.P., Pateras, S., Shephard, P.G., III Cost trade-offs of various design for test techniques 72250
Drue, K.H. *see* Muller, J. 93940
Drueding, T.W., Fawcett, S.C., Wilson, S.R., Bifano, T.G. Ion beam figuring of small optical components 85232
Drueke, V. *see* Albers, D. 69756
Druesedau, T.P., John, T.M., Anton, R., Blaesing, J. Thermally induced crystallization of germanium in sputtered carbon-germanium multilayers 104085
Druilhe, R. *see* Svob, L. 74164
Drukker, K. *see* Gilhuijs, K.G.A. 70217
Drumheller, J.P. *see* Parker, M.A. 63386
Drumm, A.D. *see* Stok, L. 113637
Drummond, I.C. *see* Morrison, N.A. 104117
Drummond, M., Neto, J.De.M.M., Meirelles, M.P. Power R&D: more watts, but less to pay 91075
Drummond, M.A.G., Valente, L.C.G., Kawase, L.R., Demenicis, L.S., Dutra, R.M. Mapping of installed optical cables on electric energy transmission lines in Brazil and possible new applications 99542
Drummond, O.E. Track fusion with feedback 108296
Drummond, P.D. *see* He, H. 76144
Drummond, P.D. *see* He, H. 76145
Drummond, P.D. *see* He, H. 95718
Drummond, T., Caelli, T. Using high level task-related knowledge to drive low level image segmentation 86808
Drummond, T.J. *see* Choquette, K.D. 105602
Drummond, T.J. *see* Fritz, I.J. 116109
Drummond, T.J. *see* Zolper, J.C. 105549
Druon, F. *see* Falcoz, F. 96207
Drury, G.M. Successful implementation and use of digital video compression in MMDS systems 88804
Drury, G.M. DVB channel coding standards for broadcasting compressed video services 109862
Drury, M. *see* Reece, C. 100418
Drury, R., Pollard, R.D., Snowden, C.M. W-band noise figure measurement designed for on-wafer characterisation 93882
Drury, R., Pollard, R.D., Snowden, C.M. A 75-110 GHz automated tuner with exceptional range and repeatability 104807
Drury, W., Satya, T. A drive for all users 112481
Drury, W. *see* Vas, P. 121982
Druschel, P. Operating system support for high-speed communication 118461
Drusedau, T.P. Observation of zero differential resistivity in a-Si:H barriers on the absence of quantum confinement in amorphous semiconductors for high fields 94469
Drusedau, T.P., Panckow, A.N., Klabunde, F. The hydrogenated amorphous silicon/nanodisperse metal (SIMAL) system–films of unique electronic properties 94588
Drusedau, T.P., Wickboldt, P., Chen, J.H., Pang, D., Freistedt, H., Blasing, J., Block, W. Plasma deposited non-stoichiometric hydrogenated germanium sulfide a-$Ge_{1-x}S_x$:H ($x<0.3$) 92798
Drutarovsky, M. *see* Kocur, D. 62045
Drutarovsky, M. *see* Levicky, D. 66838
Druten, B.J.M.Van *see* Van Druten, B.J.M.
Dryagin, Y.A., Parshin, V.V., Krupnov, A.F., Gopalsami, N., Raptis, A.C. Precision broadband wavemeter for millimeter and submillimeter range 110344
Dryakin, E.V. *see* Golovnin, I.V. 85445
Dryden, G. *see* Youmans, D.G. 109803
Dryfuse, M.W., Tabib-Azar, M. A relationship between interface trap density and transconductance in 6H-SiC enhancement mode field-effect transistors 95006
Drygalla, V. *see* Dukelow, J.S., Jr. 82512
Drynan, J.M. *see* Saeki, T. 73369
Drysdale, A., Andersen, N.B., Bryder, K.L., Axelsen, P. Consumer connection stations for low temperature district heating in Denmark 91326
Dryzek, J., Quarles, C.A. A spectrometer for the measurement of the Doppler broadening of the annihilation line with efficient reduction of background 110635
Drzazga, W. *see* Slowko, W. 114549
Drzewiecki, G., Solanki, B., Jia-Jung Wang, Li, J.K.-J. Noninvasive determination of arterial pressure and volume using tonometry [electric impedance plethysmography] 70156
Drzewiecki, G. *see* Li, J.K.-J. 69926
D'Souza, M.F., Mumma, C.G., Mohapatra, S.M., Allen, E.W., Pahl, J.J., Prince, J.R. Physical and subjective evaluation of a three-detector (triad 88) SPECT system 69966
Dssouli, R. *see* Kerherve, B. 118587
Dsun-Chie Twu *see* Kwang-Cheng Chen 99206
Du, B., Suzuki, A., Kobayashi, S. Effects of sample temperatures on tracking resistance of organic insulating materials 106372
Du, C. *see* Bedoy, C. 115686
Du, C.X. *see* Shen, G.D. 84339
Du, D., Liu Sheng, O.R. *(editors)* Proceedings of the 1996 Pacific Workshop on Distributed Multimedia Systems 112666
Du, D.A. *see* Shi, Y. 83943
Du, D.H.C. *see* Hsieh, J. 87804
Du, D.H.C. *see* Jonathan Chien-Liang Liu 109939
Du, D.H.C. *see* Liu, J.C.L. 88854
Du, D.H.C. *see* Tsang, R.P. 109197
Du, D.H.C. *see* Yen-Jen Lee 109217
Du, D.H.C. *see* Yuewei Wang 99787
Du, F.Le *see* Le Du, F.
Du, J. *see* He, Z. 80156
Du, J. *see* He, Z. 101033
Du, J.F., Gu, X.F., Huang, X.F., Zhou, J., Chen, K.J., Chen, H., Yang, J.H., Cao, B.C. Hydrogenated amorphous silicon PIN photodiode for optically addressed spatial light modulators 95895
Du, J.Y. *see* Chen, J.X. 84342
Du, L.J., Lee, J.S. Polarimetric SAR image classification based on target decomposition theorem and complex Wishart distribution 111094
Du, M. *see* Xue, S. 115616
Du, P.Le *see* Le Du, P.
Du, Q., Alperin, J., Wang, W.I. Normal incidence infrared modulators using intersubband transitions in InAs/GaSb/AlSb stepped quantum wells grown by molecular beam epitaxy 85102
Du, W., Chiang, K.S. A simple referencing technique for in-fibre Bragg grating sensors 79502
Du, W. *see* Henderson, T. 89790
Du, X.M. *see* Orignac, X. 95743
Du, Y. *see* Farag, A.S. 102136
Du, Y.C., Hu, Y.M., Wang, H., Yao, X.W., Zhao, Y.C., Sun, D.C., Li, F.M. Vacuum ultraviolet-induced and enhanced oxidation of Si and GaAs in N_2O 94737
Du, Y.P., Parker, D.L. Evaluation of gradient inhomogeneity in the optimal design of gradient coils 69993
Du, Z. *see* Gan, D. 80876
Du, Z.-P., Arrillaga, J., Watson, N. Continuous harmonic state estimation of power systems 101683
Du Chun-Xia *see* Chun-Xia Du
Du Chungren *see* Zhou Xiaodong 119709
Du Fenglei *see* Fenglei Du
Du Fengying *see* Huang Wenzhong 96202
Du Gengna *see* Gengna Du
Du Guotong *see* Liu Ying 65298
Du Guotong *see* Liu Ying 96390
Du He *see* He Du
Du Jiafang *see* Gu Xiaofeng 75599
Du Jiafang *see* Jiafang Du
Du Jianhong *see* Jianhong Du
Du Jun *see* Jun Du
Du Kai *see* Xu Shanjia 97263
Du Keqiang, Feng Huanqing, Zhou Heqin How to play MIDI files under MS-DOS 119513
Du Li *see* Gong Ping 95639
Du Libing *see* Zhu Hongbo 116879
Du Min *see* Min Du
Du Pingzhong, Liu Shengang Optimization design of cusptron oscillator 62620
Du Plessis, M., Baker, D.E. A high gain dish antenna for an Inmarsat-M terminal 117055
Du Plessis, M., Boonzaaier, J., Baker, D.E. An Inmarsat-M briefcase antenna 117099
du Plessis, M. *see* Seevinck, E. 115323
du Preez, H. Rotor bars breakage and replacement 121468
Du Qingfu *see* Yang Yongzhu 61943
du Rau, M.Defos *see* Defos du Rau, M.
Du Shanshan *see* Shanshan Du
Du Shuanyi *see* Shuanyi Du
Du Toit, L.J. On the design of large microwave planar dipole arrays 117086
Du Wan *see* Fingxuan Li 83051
Du Weichong *see* Weichong Du
Du Weixiu *see* Weixiu Du
Du Wenqi, Huang Jiying, Lin Shengli Calculation of the path mean rain drop size distribution by system identification 76424
Du Xiangwan *see* Ding Wu 107368
Du Xiaohang *see* Xiaohang Du
Du Xingshao *see* Xingshao Du
Du Yansen, Huang Xueliang, Liu Lei, Hu Minqiang Study on temperature distribution in the end region of large turbogenerators 71243
Du Yansen *see* Hu Minqiang 96950
Du Yaping *see* Yaping Du
Du Yuan-Tai *see* Yuan-Tai Du
Du-Hern Lee, Yoan Shin, Young-Han Kim A neural network based ATM call admission controller for multiple service classes with different QoS 108783
Du-Ming Tsai Detecting and locating partly occluded planar parts by clustering 86596
Du-Ming Tsai, Ray-Yuan Tsai Use neural networks to determine matching order for recognizing overlapping objects 117545
Dua, C. *see* Dalle, C. 73730
Dua, P., Cooper, S.L., Chen, A.C., Cheng, K.Y. Exciton dynamics in a novel high-yield GaInP quantum-wire array 114760
Dua, T.R. Rural telecommunication challenges, opportunities and technologies 108930
Duan, D.-W. *see* Rahmat-Samii, Y. 66086
Duan, H.L. *see* Yoon, S.F. 62795
Duan, J.Q. *see* Jia, Y.Q. 64910
Duan, L.H. *see* Chen, W.D. 105704
Duan Chenggang *see* Hui Xinbiao 88835
Duan Dah-Weih *see* Dah-Weih Duan
Duan Fajie *see* Fajie Duan
Duan Feng *see* Jun Xu 72910
Duan Feng *see* Jun Xu 82750
Duan Feng *see* Jun Xu 92839
Duan Feng *see* Jun Xu 113473
Duan Feng *see* Xinfan Huang 62883
Duan Fengzen *see* Gu Jianzheng 76956
Duan Limin *see* Li Zuyu 69773
Duan Mingqian *see* Mingqian Duan
Duan Ning *see* Ning Duan
Duan Shuzhen *see* Shuzhen Duan
Duan Xiaorong *see* Chen Zhiyun 84607
Duan Xiaorong *see* Xiaorong Duan
Duan Xuan-Ming *see* Xuan-Ming Duan
Duan Yuning *see* Zhao Qi 119525
Duan Yuqian *see* Li Yongli 81518
Duan Zhang *see* Zhang Duan
Duane, M. *see* Nunan, P. 63929
Duane, R., Martin, A., O'Donovan, P., Hurley, P., O'Sullivan, P., Mathewson, A. Investigation of trapped charge in oxides under Fowler-Nordheim stress using low bias conditions 115367
Duanlin Que *see* Yang, D. 94234
Duanlin Que *see* Que Duanlin
Duann Shii-Tyng *see* Shii-Tyng Duann
Duanyang Guo, Acampora, A.S. Scalable multihop WDM passive ring with optimal wavelength assignment and adaptive wavelength routing 78910
Duanyang Guo, Wei Guo, Acampora, A.S. ShuffleNet=hypercube×ring and embedding ShuffleNet on mesh network 78101
Duanyang Guo, Wei Guo, Acampora, A.S. Scalable multihop WDM passive ring with optimal wavelength assignment and adaptive wavelength routing 87700
Duanyi Wang *see* Wang Duanyi
Duarte, A.M.de Oliveira *see* de Oliveira Duarte, A.M.
Duarte, J. *see* Auciello, O. 73949
Duarte, J.L. *see* Smidt, P.J.M. 122069
Duarte, M.De Oliveira *see* De Oliveira Duarte, M.
Duarte, O.C.M.B. *see* de Albuquerque, C.V.N. 87711
Duarte, O.C.M.B. *see* de Lima, H.M. 87430
Duarte, O.C.M.B. *see* de Lima, H.M. 97414
Duarte, R., Mendoza Santoyo, F., Sahagun Ortiz, L.R., Wade, G. An optical computer for an acoustic microscope 116758
Duarte, R.A. *see* Meyyappan, A. 90869
Duarte-Moller, A. *see* Avalos-Borja, M. 104152
Duato, J. A necessary and sufficient condition for deadlock-free routing in cut-through and store-and-forward networks 98721
Dubalski, B. *see* Bujnowski, S. 88034
Dubard, J.L. *see* Cirio, L. 66054
Dubard, L. *see* Cirio, L. 66094
Dubbeldam, J. *see* White, D.R. 119664
Dubbs, T., Kashigin, S., Kratzer, M., Kroeger, W., Pulliam, T., Sadrozinski, H.F.-W., Schwab, M., Spencer, E., Wichmann, R., Wilder, M., Unno, Y., Ohsugi, T. Efficiency of non-uniformly irradiated double-sided silicon strip detectors 100849
Dubbs, T., Kashigin, S., Kratzer, M., Kroeger, W., Pulliam, T., Sadrozinski, H.F.-W., Spencer, E., Wichmann, R., Wilder, M., Bialas, W., Dabrowski, W., Unno, Y., Ohsugi, T. Noise determination in silicon micro strips 80026

Dubbs, T., Kashigin, S., Kratzer, M., Kroeger, W., Pulliam, T., Sadrozinski, H.F.-W., Spencer, E., Wichmann, R., Wilder, M., Unno, Y., Ohsugi, T. Noise determination in silicon micro strips 100839
Dubbs, T. *see* Unno, Y. 80035
Dubbs, T. *see* Unno, Y. 100858
Dube, D.A. *see* Bonaca, M.V. 81210
Dube, F.N., Devlin, J.C. Target extraction in ISAR images using classification and local regression basis 87088
Dube, L. *see* Correia de Barros, M.T. 102153
Dube, L. *see* Correia de Barros, M.T. 111616
Dube, P., Ma, L.-S., Ye, J., Jungner, P., Hall, J.L. Thermally induced self-locking of an optical cavity by overtone absorption in acetylene gas 107594
Dube, S., Sharma, S.L., Ameta, S.C. Photogalvanic effect in azur B-NTA system 121837
Dube, S.K., Sasmal, R.P., Bronsdon, J.A.N., Crocker, T., Howsam, J.M. Operating experience of Rihand-Dadri ±500 kV HVDC transmission system 81005
Dubeau, J., Hamel, L.A., Pochet, T. Radiation ionization energy in a-Si:H 69849
Dubeau, J. *see* Dixit, M.S. 101308
Dubecky, F., Betko, J., Morvic, L., Darmo, J., Besse, I., Hrubcin, L., Hlavac, S., Benovic, M., Pelfer, P.G., Gombia, E., Mosca, R. Neutron irradiated undoped LEC SI GaAs. I. Galvanomagnetic, I-V, PC and alpha detection study 120153
Dubecky, F., Darmo, J., Hlavac, S., Benovic, M., Pikna, M., Pelfer, P.G., Foerster, A., Kordos, P. Detection properties of LEC SI GaAs radiation detectors with the symmetrical contact configuration 110574
Dubecky, F. *see* Darmo, J. 120154
Dubey, G.C., Kumar, V. Hydrogen passivation of defects in III-V semiconductors 105680
Dubey, G.C., Singh, R.A., Narang, V., Purohit, R.K. CdTe growth by metal organic chemical vapour deposition 103997
Dubey, G.C. *see* Pal, S. 104873
Dubey, G.C. *see* Pal, S. 105721
Dubey, G.K., Oruganti, R., Chang, C.S., Chatterjee, K. Harmonic elimination in high power GTO converter using an auxiliary converter with zero fundamental power 112098
Dubey, G.K. *see* Dawande, M.S. 71490
Dubey, G.K. *see* Dawande, M.S. 81573
Dubey, G.K. *see* Dawande, M.S. 112127
Dubey, G.K. *see* Kanetkar, V.R. 112131
Dubey, M., Lareau, R.T., Cole, M.W., Jones, K.A., West, L.C., Roberts, C.W., Piscani, E. Oxygen contamination of low temperature ultrahigh vacuum-deposited Ge films on GaAs 83817
Dubey, M., Lareau, R.T., Cole, M.W., Jones, K.A., West, L.C., Roberts, C.W., Piscani, E. Germanium waveguide for optical interconnects in very large scale integrated optics 96057
Dubey, M. *see* West, L.C. 85077
Dubey, M. *see* West, L.C. 95818
Dubey, M. *see* West, L.C. 96056
Dubey, V.K. *see* Haiyun Yang 76883
Dubey, V.K. *see* Kok-Jung Yong 88219
Dubey, V.K. *see* Tao Wang 116906
Dubey, Y.P. *see* Rana, S.S. 82525
Dubin, S., Zietz, S. Body surface estimation: a critical evaluation 69933
Dubin, S. *see* Wen-Yao Shi 70215
Dubin, V.M., Ozanam, F., Chazalviel, J.-N., Shacham-Diamand, Y. Porous silicon: Metal plating and anodic oxidation 62690
Dubina, A.I. *see* Pirogov, Yu.A. 80682
Dubinin, A.G. *see* Shvets-Teneta-Gurii, T.B. 70135
Dubinov, A.E., Lazarev, G.S. Regularization of stochastically scattering resonant cavities 107996
Dubinov, A.E. *see* Grigor'ev, V.D. 74058
Dubinovsky, M. *see* Chen, R.T. 85079
Dubinskii, Yu.N. *see* Burdukov, A.P. 71127
Dubinsky, V.D. *see* Belyakov-Bodin, V.I. 79985
Dubinsky, V.D. *see* Belyakov-Bodin, V.I. 120120
Dublaski, B. *see* Bujnowski, S. 88035
Dubnistchev, Yu.N. Methods of the study of flows on the basis of space and temporary selection of the scattered light 110456
Dubnistchev, Yu.N. Methods for velocity vector selection in laser Doppler anemometry 119886
Dubnistchev, Yu.N., Arbuzov, V.A., Beloussov, P.Ya., Meledin, T., Pavlov, V.A. Optic methods of flows studing by selecting of the spatial-temporal structure of the scattered light 119951
Dubois, A., Canva, M., Brun, A., Chaput, F., Boilot, J.-P. Photostability of dye molecules trapped in solid matrices 84940
Dubois, C. *see* Bouvet, D. 63291
Dubois, C. *see* Cuevas, A. 114559
Dubois, E., Bricout, P.-H., Robilliart, E. Series resistances of polysilicon emitter bipolar transistors: simulation and measurement 63590
Dubois, E. *see* Bricout, P.-H. 94955
Dubois, E. *see* Khansari, M.R.K. 97777
Dubois, E. *see* Konrad, J. 97899
Dubois, F. Nonlinear cascaded correlation processes to improve the performances of automatic spatial-frequency-selective filters in pattern recognition 98192
Dubois, J.-C., Robin, P. Ferroelectric polymers and IR detection 106477
Dubois, J.B. *see* Beteille, D. 110913
Dubois, J.M. *see* Abbes, M. 90145
Dubois, L., Sozanski, J.-P., Tessier, V., Camart, J.C., Fabre, J.-J., Pribetich, J., Chive, M. Temperature control and thermal dosimetry by microwave radiometry in hyperthermia 120490
Dubois, L. *see* Cresson, P.-Y. 101420
Dubois, L. *see* Duhamel, F. 70193
Dubois, L. *see* Michel, C. 80467
Dubois, L.H. *see* Opila, R.L. 62441
Dubois, M.L. *see* Djokic, S.S. 61448
Dubois, O. *see* Betin, F. 91798
Dubois, P. *see* Gannoun, L. 92072
Dubois, S., Carmona, F., Flandrois, S. Irreversibility line of YBaCuO sintered ceramics, YBaCuO single crystal and superconducting composites studied by AC susceptibility and transport measurements 75303
DuBois, T. *see* Bobbio, S. 106287
DuBois, T. *see* Goodwin-Johansson, S. 74981
Dubon, O.D., Wang, C., Falicov, L.M., Beeman, J.W., Fuchs, H.D., Haller, E.E. Transformation of the copper ground-state in uniaxially stressed germanium 62675
Dubon, O.D. *see* Brundermann, E. 75934
Dubon-Chevalier, C. *see* Pinatel, C. 93819
Dubon-Chevallier, C. *see* Boudiaf, A. 62295
DuBord, R., Golay, M.W., Rasmussen, N.C. The use of probabilistic risk assessment in satisfaction of the Nuclear Regulatory Commission's Maintenance Rule 81209
Dubos, H. *see* Girard, T.A. 80093
Duboscq, J. *see* Abe, K. 69708
Duboscq, J. *see* Abe, K. 69726
Dubost, H. *see* Peremans, A. 107401
Dubovik, E. *see* Palto, S. 84689
Dubovitsky, S., Steier, W.H. Tunable wavelength filters based on nonlinear optical interactions in semiconductor amplifiers 78886
Dubovoi, E.I., Mikhailov, M.S. Approximate formulae for calculating the conductivity and dielectric permittivity of weakly ionized air plasma 64160
Dubovoi, V.G. Error command interlocking in electrical installation 71594
Dubovskaya, I.Ya. *see* Baryshevsky, V.G. 96529
Dubovsky, J. *see* Hosny, W. 102857
Dubowski, J.J., Bielawski, M., Mason, B. Photoresist-free microstructuring of III-V semiconductors with laser-assisted dry etching ablation 107657
Dubowski, J.J. *see* Wrobel, J.M. 105327
Duboz, J.Y. Grating coupled intersubband transitions in microcavities 116584
Duboz, J.Y. *see* Binet, F. 100030
Duboz, J.Y. *see* Bois, Ph. 69161
Duboz, J.Y. *see* Bois, Ph. 69180
Dubreuil-Chambardel, A., Francois, P., Maliverney, B. Nuclear power plants: preventing accidents by studying the consequences of minor incidents 91280
Dubrova, E.V., Muzio, J.C. Testability of generalized multiple-valued Reed-Muller circuits 83044
Dubrovin, A.N. *see* Kezerashvili, G.Ya. 120092
Dubrovskii, Yu.V., Khanin, Yu.N., Andersson, T.G., Gennser, U., Maude, D.K., Portal, J.-C. Zero-bias tunnel anomalies in single-barrier heterostructures 62827
Dubrovskii, Yu.V., Khanin, Yu.N., Vdovin, E.E., Larkin, I.A., Andersson, T.G. Resonant tunneling through a pseudo-quantum well in single-barrier heterostructure 105365
Dubrovskii, Y.V., Andersson, T.G., Khanin, Y.N., Larkin, I.A., Vdovin, E.E. Observation of the electron reflection from n^-/n^+ junction in GaAs by resonant tunnelling through pseudo-quantum well in single barrier heterostructure 83954
Dubuc, B., Dubuc, S. Error bounds on the estimation of fractal dimension 60914
Dubuc, S. *see* Dubuc, B. 60914
Dubuisson, B. *see* Boutleux, E. 98612
Dubuisson, B. *see* Boutleux, E. 118282
Dubuisson, B. *see* de Saint Blancard, M. 98135
Dubuisson, B. *see* Xiao Wei Tu 67135
Dubus, J.P. *see* Bouwmans, T. 108458
Dubus, J.P. *see* Dufrenois, F. 108584
Dubus, J.P. *see* Lelaurin, L. 66967
Dubus, J.P. *see* Taleb-Ahmed, A. 108585
Duc, H.G.Le *see* Le Duc, H.G.
Duc, N. Personal communication services (PCS): a Telstra perspective 99256
Duc, P.Nguyen *see* Nguyen Duc, P.
Duc Tran Min *see* Min Duc Tran
Duc Tran Minh *see* Tran Minh Duc
Duc-Hai Nguyen *see* Blondin, J.-P. 90624
Ducarouge, C. *see* Giraud, N. 98127
Ducarroir, M. *see* Andrieux, M. 72935
Ducasse, A. *see* Bousquet, B. 76209
Ducasse, A. *see* Buil, S. 76202
Ducasse, A. *see* Cardinal, T. 96732
Ducasse, A. *see* Maleck-Rassoul, R. 76213
Ducasse, A. *see* Segonds, P. 79741
Duchateau, F. *see* Clavreul, R. 70914
Duchateau, J.L. *see* Martinez, A. 95563
Duchemin, S., Artaud, M.C., Ouchen, F., Bougnot, J., Pougnet, A.M. Growth of $CuInSe_2$ by metallorganic chemical vapour deposition (MOCVD): new copper precursor 72909
Duchene, B. *see* de Oliveira Bohbot, R. 92991
Duchene, B. *see* Oklobdzija, V.G. 73323
Duchene, B. *see* Oklobdzija, V.G. 83050
Duchene, J. *see* Devedeux, D. 80389
Duchenois, A.M. *see* Driad, R. 63599
Duchenois, A.M. *see* Driad, R. 84331
Duchenois, A.M. *see* Launay, P. 106182
Duchesne, C. *see* Segonds, P. 79741
Duchesne, S. *see* Madani, K. 102736
Duchier, D., Le Huitouze, S. Channel routing with CLP(FD) 95105
Duchon, M. *see* Debieve, C. 61027
Duck Jin Kim *see* Sang Shin Yoo 98883
Duck Jin Kim *see* Sung Keun Lee 109155
Duck Kim Chun *see* Chun Duck Kim
Duck Seo Yong *see* Yong Duck Seo
Duck Soo Noh, Woong Ho Cho, Jeong Woo Kim, Ha Woon Lee, Soo Joong Kim Multiplexed optical correlation filter for optical parallel addition based on symbolic substitution with redundant binary number 85172
Duck-Bin Im *see* Ki-Hong Kim 118894
Duck-Chool Lee, Hyung-Kwon Kim Preparation and dielectric properties of polyimide thin films by vapor deposition polymerization method 74997
Duck-Chool Lee *see* Jong-Suk Kim 104084
Duck-Jin Chung, Sang-Wook Han VLSI implementation of neural network with stochastic architecture 77367
DuckChul Lee *see* YongWoo Lee 70918
Ducke, E., Kriegel, R., Fissel, A., Kaiser, U., Schroter, B., Muller, P., Richter, W. A method of preparation of highly perfect 6H-SiC surfaces 105711
Ducke, E. *see* Fissel, A. 103985
Ducker, M.-O. *see* Sander, D. 95708
Duckjin Kim *see* Kyunghun Jang 78146
Duckjin Kim *see* Sungkeun Lee 67868
Duckney, G.G. Vision and transition management 60518
Duclos-Hindie, N. *see* Roy, J. 111411
Ducloux, E. *see* Haes, J. 76540
Ducloy, M. *see* Amy-Klein, A. 96720
Ducloy, M. *see* Liu, Z.D. 116614
Ducloy, M. *see* Loe Mie, R. 96272
Ducos, L., Clin, R., Blanchard, P., Gauthier, F. Polarization dependent loss of passive optical components 64704
Ducos, L. *see* Ives, D.J. 64682
Ducoulombier, M. *see* Nolibe, L. 108552
Ducourant, B. *see* Tomasini, P. 113338
Ducourret, A. *see* Schreyer, R.W. 91845
Ducreux, J.P. *see* Appino, C. 64211
Ducroquet, F. *see* Georgescu, B. 106072
Ducrot-Gambart, D. *see* Nezry, E. 111168
Ducso, C. *see* Khanh, N.Q. 84068
Duda, C.L. *see* Umetani, K. 70155
Duda, L.C., Kuiper, P., Mancini, D.C., Englund, C.J., Nordgren, J. A helicity resolving soft X-ray emission spectrometer for studying magnetic circular dichroism with laboratory excitation sources 101004
Dudarev, A.V., Gavrilin, A.V., Ilyin, Yu.A., Stepanov, V.V. Reduction of current carrying capacity in multistrand superconducting cables at changing current 95425
Dudarev, A.V. *see* Keilin, V.E. 103042
Dudas, A. Underground hydro project requires innovative design solutions 81341
Dudde, R., Staudt-Fischbach, P., Herzog, O. Automation in semiconductor-production minienvironments, flexibility and information-flow 63925
Dudding, K.E. *see* Barnett, B.G. 110892
Dudek, A. Czech Railways electronic mail system 87645
Dudek, G., Freedman, P., Rekleitis, I.M. Just-in-time sensing: efficiently combining sonar and laser range data for exploring unknown worlds 79713
Dudek, G. *see* Ayoung-Chee, N. 117689
Dudek, G. *see* Roy, N. 77007
Dudek, M. *see* Swirhun, S. 119223
Dudek, R., Kosiorowski, S., Zuchowicz, M. Experience from functioning of thyristor control system of electric mining locomotives 112649
Dudek, R. *see* Vogel, D. 112952
Dudek, V., Appel, W., Beer, L., Digele, G., Hofflinger, B. Lithography-independent nanometer silicon MOSFETs on insulator 106031
Dudek, V., Appel, W., Beer, L., Hofflinger, B. A SOI 0.1μm epitaxial-channel MOSFET 84446
Dudel, F.P., Rieger, M.M., Pickering, J.P., Gole, J.L., Kohl, P.A., Bottomley, L.A. Photoluminescence in the earliest stages of porous silicon formation 116215
Dudgeon, D.E. *see* Chaney, R.D. 109755
Dudgeon, D.E. *see* Chaney, R.D. 117636
Dudgeon, D.E. *see* Verly, J.G. 77142
Dudgeon, J.E., Gopalakrishnan, R. Fractal-based modeling of 3D terrain surfaces 101547
Dudhia, A., Livesey, N. Validation of temperature measurements from the improved stratospheric and mesospheric sounder 120777
Dudka, V. *see* Veremey, V. 65996
Dudkevich, V.P. *see* Alyoshin, V.A. 115421
Dudkin, V.E. *see* Bamblevski, V.P. 80019
Dudkina, S.I. *see* Fesenko, E.G. 106312
Dudley, D.G. *see* Dvorak, S.L. 97152
Dudley, D.G. *see* Hsueh-Yuan Pao 85821
Dudley, D.G. *see* Hsueh-Yuan Pao 85822
Dudley, D.G. *see* Hsueh-Yuan Pao 107837
Dudley, D.G. *see* Nabulsi, K.A. 70463
Dudley, D.G. *see* Sailing He 65777
Dudley, J. *see* Tan, R.T. 68516
Dudley, J.J. *see* Babic, D.I. 85472

Dudley, J.M., Loh, C.M., Harvey, J.D. Negative-area pulse formation in a detuned modelocked laser 116303
Dudley, J.M., Loh, C.M., Harvey, J.D. Stable and unstable operation of a mode-locked argon laser 116342
Dudley, J.M. *see* Barry, L.P. 119901
Dudley, M. *see* Si, W. 105148
Dudley, R. *see* Sherman, P.J. 117399
Dudley, T.O. *see* Tuttle, G.T. 75262
Dudnikov, V.G., Derevyankin, G.E., Kovalevsky, D.V., Savkin, V.Y., Sokolovsky, E.A., Guharay, S.K. Surface plasma source to generate high-brightness H^- beams for ion projection lithography 69689
Dudnikov, V.G. *see* Belov, A.S. 120076
Dudojc, B., Mindykowski, J. Analysis of selected properties of measurement channels used in hazardous areas of ships 110072
Dueck, B. *see* Ohlen, M. 102907
Duecso, C. *see* Khanh, N.Q. 94707
Duel-Hallen, A. *see* Mydlow, M.W. 109450
Duelli, M., Pourzand, A.R., Collings, N., Dandliker, R. Phase-only correlator system using a liquid crystal television and a photorefractive crystal 106875
Dueme, P. *see* Mathoorasing, D. 119134
Duen-Tay Huang *see* Chung-Ming Huang 108832
Duenki, R.M. *see* Schmid, G.B. 90509
Duer, R., Gershoni, D., Ehrenfreund, E. Time resolved photoinduced intersubband absorption: a novel and powerful way of studying the dynamics of quantum structure carriers 63038
Duerinckx, A.J., Grant, E.G., Melany, M., Narin, S.L., Hayrapetian, A., Valentino, D.J. Enhancement of resident education in sonography using high speed PACS/ATM image transmission: work-in-progress 111007
Duerinckx, A.J., Hayrapetian, A., Valentino, D.J., Grant, E.G., Rahbar, D., Kiszonas, M., Franco, R., Shimabuku, G.H., Hagan, G., Melany, M., Narin, S.L., Ragavendra, N. Assessment of asynchronous transfer mode (ATM) networks for regional teleradiology 111006
Duerling, G. *see* Zimmermann, S. 79258
Duerling, G. *see* Zimmermann, S. 100857
Duerr, R. Voice recognition in the telecommunications industry 67712
Duerselen, R. Investigation of artefact-based calibration of the VERITEKT 3 in z-direction 79339
Duesen, H.Van *see* Van Duesen, H.
Duesing, E., Huang, Y., Kapauan, P., Kintala, C., Levendel, Y., Lumsden, J., Purcell, J., Suri, G. Using distributed resource management in heterogeneous telecomputing platforms 108953
Duesing, R.W. *see* Brown, M.P. 99441
Duetting, K. *see* Klenk, M. 96423
Dueweke, M., Dierker, U., Hubler, A. Self-assembling electrical connections based on the principle of minimum resistance 93982
Duey, C.J. *see* Tuttle, G.T. 75262
Dufait, N. Attitudes of the electric utilities towards CHP in the European Union 91308
Dufault, M. *see* Aust, M.V. 83435
DuFault, M.D., Sharma, A.K. Millimeter-wave HEMT noise models verified thru V-band 93796
DuFault, M.D., Sharma, A.K. A novel calibration verification procedure for millimeter-wave measurements 100286
Dufaut, M. *see* Taktak, R. 86618
Dufaux, F. *see* Moscheni, F. 86527
Dufaza, C. *see* Ihs, H. 63943
Dufey, J.-P. *see* Costa, M. 90231
Dufey, J.-P. *see* Costa, M. 100982
Duff, D.C. *see* Feggeler, J.C. 78683
Duff, D.G. *see* Jensen, R.A. 78686
Duff, I.G. *see* Barnes, S.R. 72204
Duff, J. *see* Kalinowski, J. 75751
Duff, J.Le *see* Le Duff, J.
Duffeau, F. *see* Richard, N. 71289
Duffey, B., Cheetham, A., Rayner, J. An automated swept power supply for a Langmuir probe 112081
Duffie, N.A., Prabhu, V.V. Heterarchical control of highly distributed manufacturing systems 87693
Duffield, N.G., Huggard, M., Russell, R., Toomey, F., Walsh, C. Fast bounds for ATM quality of service parameters 77579
Duffield, N.G. *see* Botvich, D.D. 77580
Duffuaa, S.O. Optimal ordering rule for a stochastic sequencing model 72516
Duffus, D., Goddard, T. Products of chains with monochromatic maximal chains and antichains 103635
Duffy, A.H.B. *see* Manfaat, D. 98299
Duffy, C. *see* Steeples, C. 78137
Duffy-Deno, K.T., Blank, E. Utility incentives and statistical recoupling: an empirical analysis 70679
Dufilie, P., Ventura, P. Source equalization for SPUDT transducers 111354
Dufour, J.-L. Safety computations in integrated circuits 104596
Dufour, M. *see* Stroman, P.W. 80346
Dufour, S., Vinsard, G., Laporte, B., Sargos, F.M. The computation of the lumped parameters of the saturated SRM 71280
Dufour, S., Vinsard, G., Sargos, F.M., Laporte, B. Analysis of the coenergy map in the space of currents applied to the SRM 111924
Dufour, S. *see* Rabih, A. 102743
Dufour, Y. *see* Abbes, M. 90145
Dufourd, J.-C. *see* Mezhoud, A. 95112
Dufournet, D. *see* Thuries, E. 81603
Dufrane, P. *see* Aubreton, T. 66068
Dufrene, E. *see* Demarez, D.V. 120907
Dufrenois, F., Taleb-Ahmed, A., Michel, T.S., Dubus, J.P., Deleume, J.F., Caparros-Lefebvre, D. Contours interpolation using "snake". Application to 3D reconstruction from scanner images 108584
Dufrenois, F. *see* Taleb-Ahmed, A. 108585
Dufresne, E. *see* Merle, P. 118407
Dufresne, M., Silvester, P.P. Universal matrices for the N-dimensional finite element 61098
Duftschmid, K., Garn, H., Kunsch, B. Protection of persons in electromagnetic fields and in the presence of laser radiation 90651
Duftschmid, K. *see* Muck, K. 90652
Duftschmid, K.E., Kindl, P., Obenaus, B., Strachotinsky, C., Winker, N. Precision dosimetry in narrow collimated radiation beams of the Leksell Gamma Knife 120572
Duftschmid, K.E., Majevski, M., Michler, E., Tawil, R.A. A new TL finger ring dosimetry system with automated ring identification 110984
Duftschmid, K.E., Stadtmann, H., Strachotinsky, C., Winker, N. A new type of spurious reading in TL personnel monitoring 110974
Dug Hun Hong, Seok Yoon Hwang A note on the correlation of fuzzy numbers 60861
Dugal, C. *see* Quinquis, A. 97705
Dugan, J.P., Suzukawa, H.H., Forsyth, C.P., Farber, M.S. Ocean wave dispersion surface measured with airborne IR imaging system 111284
Dugan, K. *see* Ferekides, C.S. 112338
Dugan, K.M. *see* Rohatgi, A. 112365
Dugan, R.C. *see* Brooks, D.L. 121260
Dugard, L. *see* Banzanella, A.S. 101965
Dugardin, F. *see* Tronc, D. 80474
Dugas, J. Modelling of material properties influence on back junction thin polycrystalline silicon solar cells 121898
Dugas, M. *see* Babcock, K. 84820
Dugas, M. *see* Prokscha, R. 119843
Dugelay, S. *see* Augustin, J.M. 111249
Duggal, B.R. *see* Keerthipala, W.W.L. 111965
Duggan, D.M., Coffey, C.W., II Use of a micro-ionization chamber and an anthropomorphic head phantom in a quality assurance program for stereotactic radiosurgery 80439
Duggan, G. *see* Kinder, D. 63045
Duggan, G. *see* Kowalski, O.P. 63060
Duggan, G. *see* Najda, S.P. 107003
Duggan, G. *see* Teraguchi, N. 74374
Duggan, P. A mutual alternative routing model for circuit-switched networks 98516
Dughiero, F., Forzan, M., Lupi, S. Solution of coupled electromagnetic and thermal problems in induction heating applications 71900
Dughiero, F., Forzan, M., Lupi, S. 3D solution of electromagnetic and thermal coupled field problem in the continuous transverse flux heating of metal strips 96948
Dughiero, F., Lupi, S., Siega, P. Analytical calculation of double-side planar travelling wave induction heating systems 82003
Dughieroz, F. *see* Di Barba, P. 97000
DuGranrut, J.D. *see* Jorgensen, D.P. 90778
Duguay, G. *see* Moharram, O.E. 118547
Duguay, M.A. *see* Delisle, V. 64884
Duh, J., Matheson, T.G., Hepler, E. Efficiently embedding expertise in high-density process-portable standard cell generators 113863
Duh Dyi-Rong *see* Dyi-Rong Duh
Duhamel, F., Dubois, L., Chive, M. Computation of the electromagnetic field with an improved 2D FDTD algorithm when using planar applicators in microwave hyperthermia 70193
Duhamel, F. *see* Jian Teng 120544
Duhamel, F. *see* Vander Vorst, A. 120542
Duhamel, P. *see* Gesbert, D. 117924
Duhamel, P. *see* Gesbert, D. 118811
Duhamel, P. *see* Perreau, S. 117922
Duhamel, T. *see* Belpaire, A. 118631
Duhm, H.H. *see* Ban, J. 69810
Duhovnik, J. *see* Zavbi, R. 112854
Duijve, R. *see* Asjes, R.J. 73885
Duin, C.W., Volgenant, A. An addendum to the hierarchical network design problem 72500
Duin, R.P.W. *see* Fontaine, G.A.P. 110000
Dujardin, F.H., Rocquet, G., Ertaud, J.Y., Thomine, J.M. Quantitative assessment of cortical bone remodelling from routine radiographs of total hip arthroplasty 101214
Dujardin, G., Mayne, A., Comtet, G., Hellner, L., Jamet, M., Le Goff, E., Millet, P. New model of the initial stages of Si(111)–(7×7) oxidation 63342
Dujmovic, J., Kinicki, R., Subbanna, S. A distributed client/server benchmark for network performance measurement 67790
Duk Cho Hyun *see* Hyun Duk Cho
Duk Choi Seung *see* Seung Duk Choi
Duk Lee Jong *see* Jong Duk Lee
Duk Nam Hyo *see* Hyo Duk Nam
Duk Soo Kim *see* Gi Ho Yun 76532
Duk-Bae Suh, Jong-Woo Choi, Seung-Ki Sul Voltage gradient suppression in application of voltage-fed PWM inverter to AC motor drives–resonant DC link inverter approach 71753
Duk-Dong Lee, Wan-Young Chung, Man-Sik Choi, Jong-Mu Baek Low-power micro gas sensor 119774
Duk-Kyu Park, Okada, K., Yoshimoto, S. Performance of distributed dynamic channel assignment in cellular systems 68117
Duk-Kyu Park *see* Saba, T. 68054
Duk-Kyu Park *see* Saba, T. 88094
Dukart, R.J. *see* Derzon, M.S. 69645
Duke, S., Miles, R.W., Pande, P.C., Spoor, S., Ghosh, B., Datta, P.K., Carter, M.J., Hill, R. Characterisation of in-situ thermally evaporated CdS/CdTe thin film solar cells with Ni-P back contacts 81887
Duke, S. *see* Miles, R.W. 94587
Duke, S. *see* Pande, P.C. 72856
Dukelow, J.S., Jr., Drygalla, V. An example of error propagation reinterpreted as subtractive cancellation-revisited 82512
Dukes, M. *see* Brocklehurst, F.K. 102565
Dukes, M. *see* Moon Jung Chung 104566
Dukic, M.L. *see* Dobrosavljevic, Z.S. 88663
Dukjoo Son *see* Jungchan Na 98579
Dukor, S.G. *see* Brekhovskikh, V.V. 80013
Dukovic, J.O. *see* Datta, M. 60636
Dula, J.H., Helgason, R.V. A new procedure for identifying the frame of the convex hull of a finite collection of points in multidimensional space 82495
Dulai, R. *see* Curley, A. 91796
Dular, P., Henrotte, F., Robert, F., Genon, A., Legros, W. A generalized source magnetic field for the treatment of inductors of any shape 104906
Dular, P., Remacle, J.-F., Henrotte, F., Legros, W. Magnetostatic and magnetodynamic mixed formulations compared with conventional formulations 107754
Dular, P. *see* Hedia, H. 116825
Dular, P. *see* Remacle, J.-F. 65636
Dular, P. *see* Remacle, J.-F. 96935
Dulcie, L.L. *see* Roshko, A. 64297
Duley, W. *see* Gu, H. 107640
Duley, W. *see* Mueller, R.E. 107650
Duley, W.W. Surface response functions due to laser irradiation 116608
Duley, W.W. *see* Olfert, M. 60599
Duley, W.W. *see* Olfert, M. 107642
Duling, I.N., III Practical modelocked fiber lasers 107163
Duling, I.N., III *see* Arend, M.F. 75498
Duling, I.N., III *see* Carruthers, T.F. 65105
Duling, I.N., III *see* Dennis, M.L. 78936
Duling, I.N., III *see* Dennis, M.L. 88504
Duling, I.N., III *see* Reddy, K.V. 65104
Dulinski, W. *see* Bauer, R. 100920
Dulinski, W. *see* Colledani, C. 69807
Dulinski, W. *see* Hu, Y. 120226
Dulkin, E.A., Raevskii, I.P. Determination of the Curie temperature in a posistor ferroelectric ceramic by the acoustic emission method 64078
Dull, F. *see* Madey, G. 106137
Duller, A.W.G. *see* Banarse, D.S. 108622
Dullerud, G.E. *see* Smith, R. 97768
Dulmet, B., Watchueng, H. Modelling of a BAW to STW reciprocal coupler for combined bulk and surface modes resonators 106443
Dulmet, B. *see* Tiersten, H.F. 95328
Dulnev, G.N., Korablyev, V.A., Sharkov, A.V. Evaporation cooling of high power electronic devices 105833
Dulny, B. *see* Braunschweig, W. 120173
Dulongpont, J. *see* Fernandez-Duran, A. 109540
Dulson, A.A., Kuretz, V.I., Tarakanovskij, E.N. Electrodynamic high voltage pulse devices and technologies 82049
Duluc, J.B., Zimmer, T., Milet, N., Dom, J.P. A wafer level reliability method for short-loop processing 115310
Duluc, J.B. *see* Zimmer, T. 63913
Dulz, W. *see* Ulrich, R. 87971
Dumais, P. *see* Hamilton, C.J. 65456
Duman, T.M., Salehi, M. Optimal quantization for distributed estimation via a multiple access channel 66226
Duman, T.M., Salehi, M. Optimal quantization for finite state channels 66727
Dumania, P. *see* Linnemann, R. 69077
Dumania, P. *see* Rangelow, I.W. 79336
Dumanowski, J.E. *see* Young, W.S. 72390
Dumant, J.-M. *see* Rouchouze, E. 115068
Dumarevsky, Yu.D. *see* Vlasov, D.V. 100208
Dumas, J. *see* Othmani, A. 85673
Dumas, J.-M. *see* Berthelemot, C. 116280
Dumas, J.M. *see* Berthelemot, C. 107026
Dumas, J.M. *see* Gautier-Levine, A. 106074
Dumas, J.M. *see* Saysset, N. 115229
Dumas, P. *see* Deumie, C. 116185
Dumbaugh, W.H. *see* Lapp, J.C. 89448
Dumbrajs, O. *see* Nusinovich, G.S. 105053
Dumbrajs, O. *see* Nusinovich, G.S. 105061
Dumbrajs, O. *see* Read, M.E. 105038
Dumee, P. *see* Herment, A. 101298
Dumelow, T. *see* Mamun, A.Z. 63085
Dumin, D.J. *see* Gladstone, S.M., IV 75005
Dumin, D.J. *see* Runnion, E.F. 93389
Dumin, D.J. *see* Scott, R.S. 75004
Dumin, N.A. *see* Scott, R.S. 75004

Dumitras, A., Lazarescu, V. The influence of the MLP's output dimension on its performance in image restoration 108730
Dumitras, D.C. *see* Alexandrescu, R. 72949
Dumitrescu, I.S. *see* Niculescu, N. 71115
Dumitrescu, M. *see* Culcer, M. 119929
Dumitru, G. *see* Sporea, D.G. 85880
Dumitru, M. *see* Steinhausen, C. 101201
Dumitru, M.A., Honciuc, M., Piscureanu, M.C., Gheorghe, C. New nonlinear optical materials from living matter 75402
Dumka, D.C., Riemenschneider, R., Miao, J., Hartnagel, H.L., Singh, B.R. Electrochemically fabricated high-barrier Schottky contacts on n-InP and their application for metal-semiconductor-metal photodetectors 74470
Dummit, D.S., Hayes, D.R. Checking the p-adic Stark Conjecture when p is archimedean 103657
Dumont, C., Fauvet, E., Truchetet, F., Jender, H. Geometrical characterization of 3D defects by artificial vision 67152
Dumont, H. *see* Souliere, V. 105143
Dumont, M.N. *see* Papalexandri, K.P. 71146
Dumontier, C. *see* Caplier, A. 117655
Dumortier, P., Masetti, F., Sotom, M. Guidelines for scalable optical telecommunication networks 78864
Dumschat, C. *see* Steinkuhl, R. 120272
Dumur, D., Boucher, P., Pope, E., Holtan, C. PREDATOR: a delta identification and autotuned predictive control software toolbox 81417
Dumur, D. *see* Bleile, T. 81418
Dumville, J.C., Breneman, G.E. When to use videoconferencing 109170
Dun, H.-P. *see* Hu, A. 63388
Dun Tan *see* Tan Dun
Dunaev, A.S., Belyaev, A.N. Device for automatically adjusting the irradiance in a television camera 88825
Dunaev, S.N., Fetisov, Y.K. Frequency selective tunable microwave mixers using magnetostatic waves 64485
Dunay, R. *see* Horvath, G. 97756
Dunbabin, P. *see* Brocklehurst, F.K. 102565
Dunbar, A. *see* van Asselt, W.K. 89865
Dunbar, B.E. *see* Strain, R.C. 70396
Dunbar, B.E. *see* Strain, R.C. 120648
Dunbar, J., Goddard, W., Hedetniemi, S., McRae, A., Henning, M.A. The algorithmic complexity of minus domination in graphs 72446
Dunbar, M. *see* Bennamoun, M. 88789
Dunbar, M. *see* Bennamoun, M. 109819
Dunbar, T.D. *see* Bumm, L.A. 73894
Duncan, B. *see* Russell, A. 68802
Duncan, B.D. *see* Jacob, D.K. 88718
Duncan, B.D. *see* Masters, L.T. 88717
Duncan, D. *see* Bhanu, B. 90707
Duncan, J. *see* Duric, Z. 77330
Duncan, J.H. *see* Wendong Wang 67408
Duncan, J.S. *see* Chakraborty, A. 110752
Duncan, J.S. *see* Meyer, F.G. 86462
Duncan, J.S. *see* Meyer, F.G. 101188
Duncan, J.S. *see* Staib, L.H. 120304
Duncan, K. *see* Verdiell, J.-M. 68412
Duncan, M.D. *see* Bashkansky, M. 82802
Duncan, M.M. *see* Young, W.S. 72390
Duncan, P.H., Jr. Overlapping search with scanned beam applications 86272
Duncan, S. *see* Vaughan, M.J. 83489
Duncan, S.W. *see* De Lisio, M.P. 93791
Duncan, W. *see* Lightfoot, J. 68816
Duncan, W.A. *see* Graves, B.R. 107064
Duncan, W.D. *see* Holland, W.S. 79101
Duncan, W.M. Near-field scanning optical microscope for microelectronic materials and devices 95111
Duncan, W.M. *see* Mills, D.W. 63307
Duncans, J.S. *see* Worring, M. 69918
Duncombe, P.R. *see* Shaw, T.M. 63186
Dundar, G., Hsu, F., Rose, K. Effects of nonlinear synapses on the performance of multilayer neural networks 83292
Dundar, G. *see* Ozev, S. 113927
Dundar, G. *see* Simsek, A. 114179
Dundar, G. *see* Yurdakul, A. 113636
Duneau, L., Dorizzi, B. Incremental letter segmentation of a multiscriptor database of words 86611
Dunford, R.B., Newbury, R., Stadnik, V.A., Fang, F.F., Clark, R.G., McKenzie, R.H., Starrett, R.P., Mitchell, E.E., Wang, P.J., Chu, J.O., Ismail, K.E., Meyerson, B.S. Low temperature magnetotransport of 2D electron and hole systems in high-mobility $Si-Si_{1-x}Ge_x$ heterostructures 105287
Dunford, W.G. *see* Jing Wang 113728
Dunford, W.G. *see* Jing Wang 121777
Dung Muu Le *see* Le Dung Muu
Dunham, B. *see* Karn, J. 89944
Dunham, B. *see* Kazimi, R. 100584
Dunham, B.M., Cardman, L.S., Sinclair, C.K. Emittance measurements for the Illinois/CEBAF polarized electron source 90099
Dunham, C.B., Zhu, C.Z. Minimax exponential approximation can be ill-posed 72611
Dunham, J. *see* Nguyen, L. 92250
Dunham, S.T., Agarwal, A.M. Spatial variations in point defect concentrations and their impact on submicron device structures 63886
Dunham, S.T. *see* Clejan, I. 63253
Dunham, S.T. *see* Sonoda, K. 115119
Dunin, V. *see* Calen, H. 120194
Dunleavy, L. *see* King, F.D. 106062
Dunleavy, L.P., Wenzel, R. Use of EM analysis to study shielding effects in microstrip circuits 62232
Dunleavy, L.P. *see* Geis, L.A. 104270
Dunleavy, L.P. *see* Lardizabal, S.M. 95052
Dunleavy, P.J. *see* Minnigh, S.W. 96128
Dunlevey, F. Spring loaded [beryllium copper alloys in the electronics industry] 61435
Dunlop, A.M., Firth, W.J., Heatley, D.R., Wright, E.M. Generalized mean-field or master equation for nonlinear cavities with transverse effects 76180
Dunlop, I., McNab, A. Geometrical analysis of segmented ultrasonic flaw regions 82796
Dunlop, J., Irvine, J., Salas Manzanedo, B. Power control in a cellular adaptive air interface 119028
Dunlop, J., Santos, E. Transmission of compressed video over GSM data channels 109436
Dunlop, J. *see* Irvine, J. 117191
Dunlop, J. *see* Manzanedo, B.S. 109550
Dunmead, S.D. *see* Gallo, A.A. 112928
Dunmur, D.A. *see* Komura, S. 116135
Dunn, A.W., Moriarty, P., Upward, M.D., Beton, P.H. Passivation of Si(111)-7×7 by a C_{60} monolayer 84179
Dunn, B. *see* Tran, T.D. 112303
Dunn, C., Sandler, M. Adaptive sigma-delta modulation for use in DACs 61969
Dunn, C., Sandler, M. A comparison of dithered and chaotic sigma-delta modulators 73160
Dunn, D. The importance of European silicon VLSI 60768
Dunn, D., Rappaport, C.M., Terzuoli, A.J., Jr. FDTD verification of deep-set brain tumor hyperthermia using a spherical microwave source distribution 120492
Dunn, D.B., Jiangang Xia, Ting-Chung Poon High frequency noise reduction using an acousto-optic cell 66959
Dunn, D.B., Jiangang Xia, Ting-Chung Poon The function of the sound wave in an acousto-optic image processing system 95892
Dunn, D.B. *see* Jiangang Xia 86344
Dunn, D.S., Augustin, E.P., Chin Chang Design of an eight element edge slot waveguide array antenna 66162
Dunn, D.S., Telep, M.S., Augustin, E.P. A variable polarization ferrite antenna 66106
Dunn, G.M., Walker, A.B., Vickers, A.J., Wicks, V.R. Transient response of photodetectors 69184
Dunn, G.M. *see* Briggs, P.J. 73742
Dunn, J. Regarding analog design [ultrasonic ranging system] 70561
Dunn, J., Young, B.K.F., Conder, A.D., Stewart, R.E. Detection of 1-100 keV X-rays from high intensity, 500 fs laser-produced plasmas using charge-coupled devices 100901
Dunn, J. *see* Anderson, C.W. 120996
Dunn, J.F. *see* Yongbi, M.N. 90385
Dunn, J.H. *see* Tischer, M. 64233
Dunn, M. *see* Dominguez, C.O. 110880
Dunn, M. *see* Ledbetter, H. 104180
Dunn, M. *see* McAndrew, C. 63627
Dunn, M. *see* McAndrew, C.C. 115157
Dunn, M.H. *see* Walker, A.C. 85336
Dunn, P.N. US lithography, 1996: the state of the industry 84274
Dunn, R.W. *see* Bell, K.R.W. 91018
Dunn, R.W. *see* Bell, K.R.W. 101978
Dunn, R.W. *see* Edwards, A.R. 111479
Dunn, R.W. *see* Groom, C.G. 70737
Dunn, R.W. *see* Hodgson, J.E. 90932
Dunn, R.W. *see* Li, H.Y. 111664
Dunn, R.W. *see* Websper, S.P. 102237
Dunn, R.W. *see* Xuan, Q.Y. 102143
Dunn, S.E. *see* An, P.E. 88788
Dunn, S.M. *see* Phillips, P.J. 86338
Dunn, S.M. *see* Phillips, P.J. 117633
Dunn, S.M. *see* Shemlon, S.S. 86339
Dunnam, C.R. *see* Rogers, J.T. 100525
Dunne, T. *see* Van Tran, H. 73587
Dunning, F.B. *see* Mulhollan, G. 90109
Dunning, G.J. *see* Pepper, D.M. 103478
Dunning, L. *see* Klein, R. 108137
Dunogue, J., Kolski, D. Management of complex data networks 108961
Dunoyer, J., Abdallah, N., Sabet, P.B. A symbolic simulation approach in resolving signals' correlation 61699
Dunshui Zhuo *see* Zhuo Dunshui
Dunstan, D.J. *see* Gonzalez, L. 113296
Dunstan, P., Lim, G., Alder, M. Real-time head detection 66960
Dunster, S.B. *see* Head, J.R. 98737
Dunwoodie, W. *see* Abe, K. 69708
Dunwoodie, W. *see* Abe, K. 69726
Dunzhuo Dong *see* Kaneko, S. 92952
Duo Jir *see* Jir Duo
Duohui He *see* He Duohui
Duong, T. *see* Belz, C. 101216
Duong, T.A., Stubberud, A.R., Daud, T., Thakoor, A. Cascade error projection: a new learning algorithm 104767
Duparc, O.B.M.H. *see* Ihlal, A. 105106
Duparc, O.B.M.Hardouin *see* Hardouin Duparc, O.B.M.
Duparre, M., Ludge, B., Kowarschik, R., Golub, M.A., Kley, E.-B., Fuchs, H.-J. Investigation of computer-generated diffractive beam-shapers for the task of Gauss-to-ring laser-beam transformation 96582
Duparre, M. *see* Golub, M.A. 76094
Dupas, J. ISAR polarimetric aircraft images 68693
Dupas, L. *see* Huizing, H.G.A. 84541
Dupcak, R.J. *see* Kowaleski, J.A., Jr. 73440
Dupee, B. *see* Griffiths, G. 90814
Dupenloup, F. *see* Chapelon, J.Y. 90571
Dupeyron, D., Le Masson, S., Deval, Y., Le Masson, G., Dom, J.-P. A BiCMOS implementation of the Hodgkin-Huxley formalism 62135
Dupont, G. *see* Caquineau, H. 92823
Dupont, G. *see* Cribier, M. 110538
Dupont, S. *see* Labrousse, D. 111082
Dupont, S. *see* Nocera, L. 111098
Dupont, S. *see* Riehl-Chudoba, M. 63304
Dupont, T.F. *see* Cowsar, L.C. 61105
Dupouy, F. *see* Askenazy, S. 65721
Dupouy, F. *see* Herlach, F. 96978
Duppen, P.Van *see* Van Duppen, P.
Dupraz, B. *see* Machenaud, H. 111755
Dupraz, J. *see* Perrier, P.A. 78855
Dupre, F. *see* Joindot, I. 65087
Dupre, L.R. *see* Philips, D.A. 64383
Dupre, L.R. *see* Van Keer, R. 96868
Dupret, A., Belhaire, E., Rodier, J.-C., Lalanne, P., Prevost, D., Garda, P., Chavel, P., Dupret, A. An optoelectronic CMOS circuit implementing a simulated annealing algorithm 75774
Dupret, A., Rodier, J.-C., Prevost, D., Belhaire, E., Lalanne, P., Chavel, P., Garda, P. Simulated annealing of binary fields using an optoelectronic circuit 62118
Dupret, A. *see* Dupret, A. 75774
Dupuis, P., Eugene, Ch., David, B. Thermal characterisation of human skin using differential thermometry 120274
Dupuis, P. *see* Gueuning, F. 111399
Dupuis, R.D. *see* Anselm, K.A. 64936
Dupuis, R.D. *see* Grudowski, P.A. 84393
Dupuis, R.D. *see* Islam, M.R. 62906
Dupuis, R.D. *see* Islam, M.R. 94472
Dupuis, R.D. *see* Murtaza, S.S. 79432
Dupuis, R.D. *see* Murtaza, S.S. 116238
Dupule, J.L. *see* Deshpande, S.V. 61414
Dupuy, F., Kung, R. Beyond the intelligent network: TINA information network 67890
Dupuy, F. *see* Chapman, M. 77891
Dupuy, J.C. *see* Bouvet, D. 63291
Dupuy, M. *see* Collombat, F. 102505
Dupuy, P., Dorkel, J.-M., Tounsi, P., Borucki, L. Rapid thermal modeling for smart-power and integrated multichip power circuit design 104330
Dupuy, P., Harter, J. IRIS family of IRCCD thermal imagers integrating long life cryogenic coolers, sophisticated algorithms for image enhancement and hot points detection 69317
Duque, C.Zambrano *see* Zambrano Duque, C.
Duque-Carrillo, J.F., Malcovati, P., Maloberti, F., Perez-Aloe, R., Reyes, A.H., Sanchez-Sinencio, E., Torelli, G., Valverde, J.M. VERDI: an acoustically programmable and adjustable CMOS mixed-mode signal processor for hearing aid applications 62054
Duque-Carrillo, J.F. *see* Fan You 104342
Duquette, R., Weyman, S., Brosseau, G. Optimal hydropower development: new version 102513
Dur, A. *see* Althaler, J. 103714
Dur, M. *see* Reigrotzki, M. 114604
Dura, J.A., Pellegrino, J.G., Richter, C.A. X-ray reflectivity determination of interface roughness correlated with transport properties of (AlGa)As/GaAs high electron mobility transistor devices 95062
Dura, J.A. *see* McMichael, R.D. 115632
Durackova, D., Butas, J. Communication adapter SB 232 for a serial interface 67768
Durackova, D., Sulik, D. Design and simulation of simplified cellular neural network circuit on a chip 104764
Duraev, V.P., Melnikov, A.V. Single frequency DFB lasers for high resolution spectroscopy 96270
Duraev, V.P., Nedelin, E.T., Mel'nikov, A.V., Sumarokov, M.A., Shishkin, V.A. Low-threshold InGaP/InGaAsP lasers with the emission wavelength 1.02 μm 116544
Durai, E. *see* Chan, A. 73366
Durai, L. *see* Narula, R.C. 103828
Durairajan, C. *see* Bhandari, M.C. 97573
Dural, G., Kinayman, N., Aksun, M.I. Numerically efficient analysis of slot-lines in multilayer media using closed form Green's functions 116993
Duran, C.A. Error analysis of a multiwavelength dynamic flying height tester 119868
Duran, F. *see* Marcano, D. 97389
Duran, G., Mackamul, K., Metcalf, D. Novel encapsulation materials and techniques for thin-film PV modules 112402
Duran, H., Schefer, M., Bachtold, W., Beck, M. High performance millimetre-wave amplifiers with dry gate recess etched InP HEMTs 83540
Duran, H.C., Klepser, B.-H.H., Bachtold, W. Low-noise properties of dry gate recess etched InP HEMTs 104852
Duran, H.C., Klepser, B.-U.H., Patrick, W., Schefer, M., Cheung, R., Bachtold, W. Low noise performance of dry etched InGaAs/InAlAs HEMTs in comparison with wet recessed devices 104830

Duran, P., Vicker, M. Hierarchical verification of a DC-to-DC converter through analog behavioral modeling 71402
Duran, P., Vicker, M. Hierarchical verification of a DC-to-DC converter through analog behavioral modeling 82919
Durand, A.J. 15% bandwidth high power S band klystron 68672
Durand, D. *see* Jorquera, C. 88958
Durand, D. *see* Silver, A. 93198
Durand, E. *see* Okamura, N.H. 87554
Durand, G. *see* Anischenko, N.G. 120106
Durand, G. *see* Ball, J. 120096
Durand, G. *see* Bazhanov, N.A. 69699
Durand, L.-G., Pibarot, P. Digital signal processing of the phonocardiogram: review of the most recent advancements 101232
Durand, L.-G. *see* Cloutier, G. 69948
Durand, N. *see* Medioni, F. 70421
Durand, O., Dolfi, D., Laude, V., Huignard, J.-P. Optical architecture for programmable filtering of microwave signals 75672
Durand, P. *see* Kraif, C. 93078
Durand, R. *see* Knobloch, J. 100492
Durand, R. *see* Millet, P. 119762
Durand, R. *see* Pisharody, M. 100658
Durand, S. *see* Piguet, C. 113967
Durandet, A., Perry, A., Boswell, R., Ladouceur, F., Love, J.D., Faith, M., Kemeny, P., Ma, X., Austin, M. Silica buried channel waveguides manufactured at low temperature using PECVD: a 1×8 concatenated splitter 75546
Durandet, A. *see* Beltrami, D.R. 75657
Durandin, G.B., Sukhogusov, A.P., Durandin, M.G. Choice of strategy for diagnostic testing of high voltage insulation constructions of electrical locomotives 112537
Durandin, M.G. *see* Durandin, G.B. 112537
Durant, N.M., Fox, N.P. Evaluation of solid-state detectors for ultraviolet radiometric applications 89073
Durante, C. *see* Wasim, S.M. 114666
Duranton, M. L-Neuro 2.3: a VLSI for image processing by neural networks 62121
Duranton, M. Image processing by neural networks 113957
Durbaum, T. *see* Albach, M. 121692
Durbec, V., Pitner, P., Riffard, T. Survival analysis on critical components of nuclear power plants 82819
Durbin, F., Ferlet-Cavrois, V., Haussy, J., Berthiau, G., Siarry, P. Simulations of hardened components and circuits 94884
Durbin, N. *see* Blom, I. 81213
Durbin, P.F. *see* Del Grande, N.K. 70318
Durcok, S., Pollert, E., Simsa, Z., Hsu, J.T., Tsou, Y.J. Growth of YIG and BiGdIG single crystals for magnetooptical applications 106556
Durden, S.L. *see* Haddad, Z.S. 80648
Durden, S.L. *see* Haddad, Z.S. 80654
Durden, S.L. *see* Haddad, Z.S. 80655
Durden, S.L. *see* Jameson, A.R. 80657
Durden, S.L. *see* Morrissey, L.A. 70452
Durec, J., Main, E. A linear Class AB single-ended to differential transconverter suitable for RF circuits 82958
Durec, J., Main, E. A linear class AB single-ended to differential transconverter suitable for RF circuits 93873
Duret, G. Recent activities in space antennas at Alcatel Espace 66018
Duret, M., Toernig, J.-P., Lamothe, P. PERE: Method and tool for radar performances predictive evolution 68683
Durfee, C.G., III *see* Milchberg, H.M. 89584
Durfee, C.G., III *see* Milchberg, H.M. 107516
Durga Prasad, G. *see* Ray, G. 101824
Durham, J.S. *see* Akselrod, M.S. 110983
Durhuus, T., Mikkelsen, B., Joergensen, C., Lykke Danielsen, S., Stubkjaer, K.E. All-optical wavelength conversion by semiconductor optical amplifiers 78878
Durhuus, T. *see* Jourdan, A. 88603
Durhuus, T. *see* Masetti, F. 78317
Durhuus, T. *see* Mikkelsen, B. 78776
Durhuus, T. *see* Vodjdani, N. 68419
Duric, M., Radojevic, Z., Skokljev, I., Terzija, V. A simple algorithm for the symmetrical components relaying and monitoring [of power systems] 80935
Duric, M. *see* Zoric, K. 81109
Duric, M.B., Radojevic, Z.M., Terzija, V.V. Arcing faults detection on power lines from the voltage and current signals 81073
Duric, Z., Rosenfeld, A., Duncan, J. The applicability of Green's theorem to computation of rate of approach 77330
Durica, M. *see* Cambel, V. 79375
Durie, M.J. *see* Taylor, D.C. 102593
Durieu, G. *see* d'Ouville, T.T. 115359
Durieu, L. *see* Cappi, R. 79927
Durieux, M. *see* Reesink, A.L. 119937
Durieux, M. *see* Rusby, R.L. 119527
Durig, U. *see* Blanc, N. 69079
Durikovic, R., Kaneda, K., Yamashita, H. Reconstructing a 3-D structure with multiple solid primitives undergoing deformations 87106
Durin, G., Bertotti, G. Barkhausen noise in FeCoB amorphous alloys 64289
Durisch, W., Hofer, B., Wuillemin, D. Climatological investigations for solar power stations in the Alps 91392
Durisch, W., Leutenegger, S., Urheim, T. Small invertors for isolated photovoltaic plants under comparative testing 91395
Durka, P.J. *see* Blinowska, K.J. 80385
Durkin, A.P. *see* Murin, B.P. 89773
Durlak, J., Singh, D.T. Intercom Ontario: a user-centered field trial 118220
Durlak, J. *see* Thomassin Singh, D. 118446
Durlam, M. *see* Martinez, M.J. 83374
Durlam, M. *see* Pohm, A.V. 75253
Durlam, M. *see* Pohm, A.V. 115875
Durland, C. *see* Barras, R. 91172
Durling, R.L. *see* Hewitt, J.R. 71051
Durmanov, S.T. *see* Burtsev, A.V. 107181
Durmazucar, H.H. *see* Gunduz, G. 121330
Durny, R. *see* Hata, N. 94238
Durose, K. *see* Fiddes, A.J.C. 74280
Durose, K. *see* Galloway, S.A. 81889
Durose, K. *see* Galloway, S.A. 81899
Durose, K. *see* Loginov, Y.Y. 102988
Durovic, Z.M., Kovacevic, B.D. M-robust approach to adaptive Kalman filtering 76951
Durovic, Z.M., Kovacevic, B.D. An adaptive state estimation using pattern recognition approach 97817
Durovic, Z.M., Kovacevic, D. Probability density function estimation using QQ-plot approach 103591
Durpaire, J.P., Phulpin, T., Hollier, P. IRSUTE: A multi-spectral IR observation instrument on a small satellite 70545
Durpel, L.Van Den *see* Van Den Durpel, L.
Durrani, S.A. *see* Ranjbar, A.H. 110962
Durrani, T.S. *see* Alkulaibi, A. 117292
Durrani, T.S. *see* Roy, E. 97713
Durrani, T.S. *see* Roy, E. 114083
Durrani, Z.A.K. *see* Alphenaar, B.W. 105865
Durrant, P., Truman, A., Datema, C., Ramsden, D. A gamma camera probe with hybrid photodiode readout 110699
Durrant, S. *see* Wu, J. 110619
Durris, L., Goujon, L., Pelourson, A., Gonnard, P., Brissaud, M., Richard, C. Airborne ultrasonic transducer 101596
Duruoz, C.I. *see* Filling, G. 105291
Durupt, P. *see* Ferro, G. 94441
Durusoy, H.Z. *see* Aktas, B. 75311
D'urzo, C. *see* D'Argenio, B. 120655
Dusa, V. The operation equations for the synchronous motor without natural stability limit in steady state 81415
DuSautoy, A. UK photon-beam primary standard graphite calorimeter 90660
Duscher, G., Muellejans, H., Werner, J., Ruehle, M. Amorphous SiO_2 precipitates at silicon grain boundaries 94224
Dusen, C.H.Van *see* Van Dusen, C.H.
Dusi, W., Caroli, E., Donati, A., Landini, G., Bernardi, T., Persona, A., Parma, P., Soavi, R. Evaluation of the possible use of a CdTe detector for the characterization of diagnostic X-ray beams 90174
Dusonchet, L. *see* Augugliaro, A. 70878
Dusonchet, L. *see* Augugliaro, A. 102123
Dussardier, B. *see* Maurice, E. 64644
Dusseau, L. *see* Beteille, D. 110913
Dusseau, L. *see* Cai, G.G. 101453
Dusseaux, R., Chandezon, J., Molinet, F. A new perturbation theory of diffraction gratings and its application to the study of ghosts 65769
Dusserre, L. *see* Legrand, L. 110692
Dusserre, L. *see* Legrand, L.R. 120317
Dusserre, L. *see* Marzani, F. 110693
Dusseux, T. *see* Ferre, N. 68556
Dustmann, C.-H. High power batteries 103107
Duthie, J. *see* Groshart, G. 68044
Duthil, R. *see* Baze, J.M. 90186
Duthummon, S., Grellet, G., Darnand, H. High power, low voltage DC-DC multiresonant converters 71518
Dutikov, M.D. *see* Fedyanovich, V.I. 97299
Dutikov, M.D. *see* Fedyanovich, V.N. 97298
Dutil, A. *see* Tousignant, D. 121540
Dutkiewicz, E. *see* Rokita, E. 100380
Dutkiewicz, M. *see* Kuduvalli, G. 70437
Dutoit, M. *see* Boucaud, P. 105381
Dutoit, M. *see* Bouvet, D. 63170
Dutoit, M. *see* Bouvet, D. 63291
Dutoit, M. *see* Guerin, L. 62524
Dutoit, M. *see* Guerin, L. 84629
Dutoit, M. *see* Jian Mi 82635
Dutoit, M. *see* Okhonin, S. 115354
Dutoit, M. *see* Szelag, B. 94982
Dutov, A.I., Evstratov, I.Yu., Ivanova, V.N., Kuleshov, A.A., Motovilov, S.A., Novoselov, N.A., Semenov, V.E., Sokolov, V.N., Yur'ev, M.S. Experimental investigation and numerical simulation of a slab waveguide CO_2 laser with RF pumping 85367
Dutov, A.I., Ivanova, V.N., Novoselov, N.A., Semenov, V.E., Sokolov, V.N., Yur'ev, M.S., Evstratov, I.Yu., Kuleshov, A.A., Motovilov, S.A. Experimental and computer investigations of slab waveguide RF-excited CO_2 laser 116354
Dutov, A.I., Ivanova, V.N., Semenov, V.E., Yur'ev, M.S., Evstratov, I.Yu., Motovilov, S.A. Numerical modeling of a CO_2 slit laser with pumping by a high-frequency discharge and diffusion cooling 85358
Dutov, A.I., Ivanova, V.N., Semenov, V.E., Yur'ev, M.S., Evstratov, I.Yu., Motovilov, S.A. Computer simulation of RF-excited diffusion-cooled slab CO_2 laser 107082
Dutov, A.I., Kuleshov, A.A., Sokolov, V.N. Spatial-energy characteristics of the radiation of a CO_2 slit laser with high-frequency pumping 85357
Dutov, A.I., Novoselov, N.A., Sokolov, V.N., Kuleshov, A.A. Slab waveguide RF-excited CO_2 laser for material processing 107081
Dutra, L. *see* Lanari, R. 111161
Dutra, R.M. *see* Drummond, M.A.G. 99542
Dutriaux, L. *see* Balcou, P. 96589
Dutson, B.J. Satellites: the evolution from TV broadcasting to multimedia 119379
Dutt, D.N. *see* Gangadhar, B.N. 120480
Dutt, D.Narayana *see* Narayana Dutt, D.
Dutt, J.C. *see* Gilvin, P.J. 110971
Dutt, N.D. *see* Jha, P.K. 61859
Dutt, N.D. *see* Panda, P.R. 73339
Dutt, S., Wenyong Deng A probability-based approach to VLSI circuit partitioning 83021
Dutt, S. *see* Hanchek, F. 93330
Dutta, A., Young Ki Kim A heuristic approach for capacity expansion of packet networks 77801
Dutta, A. *see* Bera, L.K. 105458
Dutta, A.K. Prospects of vertical and smooth etching of thick silicon oxide for opto-electronics integration 95628
Dutta, A.K. *see* Nyu, T. 78857
Dutta, D. Using AI in hardware design: optimising combinational circuits 61571
Dutta, D. *see* Arunachalam, M. 112106
Dutta, H.N. *see* Dabas, R.S. 85869
Dutta, I. *see* Menon, E.S.K. 63409
Dutta, J. *see* Houriet, R. 72936
Dutta, L.S. *see* Winkel, T.-M. 60653
Dutta, L.S. *see* Winker, T.-M. 62537
Dutta, M. *see* Kan'an, A.M. 95795
Dutta, M. *see* Li Kam Wa, P. 63003
Dutta, M. *see* Lijun Zhu 116106
Dutta, N.K. Power penalty due to timing jitter for lasers modulated without prebias 96309
Dutta, N.K., Hobson, W.S., Vakhshoori, D., Han, H., Freeman, P.N., de Jong, J.F., Lopata, J. Strain compensated InGaAs-GaAsP-InGaP laser 76030
Dutta, N.K., Levine, B.F., Tu, K.-Y., Vakhshoori, D., Wynn, J.D. Receiver and transmitter arrays for optical networks 78871
Dutta, N.K., Nichols, D.T., Jacobson, D.C., Livescu, G. Fabrication and performance characteristics of high speed ion implanted Si metal semiconductor metal photodetectors 100011
Dutta, N.K., Nichols, D.T., Vakhshoori, D., Sivco, D.L., Cho, A.Y. Digital transmission link using surface emitting lasers and photoreceivers 99509
Dutta, N.K. *see* Feuer, M.D. 95829
Dutta, N.K. *see* Han, H. 96383
Dutta, N.K. *see* Han, N. 116562
Dutta, P. *see* Basu, P.K. 114867
Dutta, P.S., Bhat, H.L., Kumar, V. Surface and bulk passivation studies in gallium antimonide: An emerging optoelectronic material 105681
Dutta, P.S., Bhat, H.L., Kumar, V., Dieguez, E. Morphological evolution and properties of LPE grown GaSb, AlGaSb and AlGaAsSb 114630
Dutta, P.S., Bhat, H.L., Kumar, V., Sochinskii, N.V., Dieguez, E. Influence of arsenic concentration on the surface morphology and photoluminescence of LPE grown AlGaAsSb/GaSb with high aluminium content 61182
Dutta, P.S., Marin, C., Dieguez, E., Bhat, H.L. Compositional mapping of GaSb wafers from as-grown crystals and after post-growth annealing treatments 62737
Dutta, P.S., Prasad, V., Bhat, H.L., Kumar, V. Carrier compensation and scattering mechanisms in p-GaSb 105160
Dutta, S.K. *see* Saha, D. 67854
Dutta, V. *see* Murthy, R.V.R. 81908
Dutta Majumdar, M.R. *see* Aggarwal, M.M. 69839
Dutta Roy, S.C. Resonance [electrical circuits] 73013
Dutta Roy, S.C. A third order driving point synthesis problem 73014
Dutta-Roy, A. Telecommunications [Brazil] 77894
Dutta-Roy, A., Segoshi, N.M. Going on line with the Internet 87717
Dutting, K. *see* Baums, D. 109312
Dutting, K. *see* Idler, W. 96706
Dutto, G. *see* Bricault, P.G. 79993
Dutto, G. *see* Kuo, T. 100702
Dutto, G. *see* Zelenski, A.N. 90070
Dutton, A.G., Ruddell, A.J., Barra, L., Falchetta, M., Dienhart, H., Seeger, W., Bleijs, J.A.M., Chung, A.W.K. Hydrogen generation from stand-alone wind-powered electrolysis systems 102552
Dutton, A.G. *see* Mahmmud, F. 102572
Dutton, B. *see* Sawkar, S.S. 89437
Dutton, D. *see* Capper, P. 94719
Dutton, D.T. *see* McAllister, A. 99993
Dutton, R.W., Troyanovsky, B., Zhiping Yu, Kan, E.C., Wang, K., Tao Chen, Amborg, T. TCAD for analog circuit applications: virtual devices and instruments 73038
Dutton, R.W. *see* Aluru, N.R. 105843
Dutton, R.W. *see* Jaejune Jang 114327

Dutton, R.W. *see* Zhiping Yu 84464
Dutuit, Y., Rauzy, A. A linear-time algorithm to find modules of fault trees 113027
Dutz, H., Bradtke, Ch., Gehring, R., Goertz, S., Meyer, W., Pluckthun, M., Reicherz, G., Thomas, A., Werth, H. A new frozen spin target for the measurement of the Gerasimov-Drell-Hearn sum rule 120108
Duuren, M.J.van *see* van Duuren, M.J.
Duval, B.K., Main, L. Microcomputer applications in the library: tables and feedback forms in Web pages 67792
Duval, M., Bourgarel, M.P., Ripouteau, F. New compact cyclotron design for SPIRAL 90060
DuVal, M. *see* Gove, R.J. 69424
Duval, P.E. *see* Langlet, J.P. 91305
Duval, W.M.B. *see* Kim, G.T. 113422
Duvant, P. *see* Andrieu, C. 117471
Duvauferrier, R. *see* Urbano, L. 98336
Duvaut, P., Declercq, D. Real and complex QARMA processes 82415
Duverdier, A. *see* Lacaze, B. 66731
Duverneuil, P. *see* Cordier, C. 72946
Duvieubourg, L. *see* Caron, J. 67349
Duvieubourg, L. *see* Khoudour, L. 66895
Duvieubourg, L. *see* Khoudour, L. 86886
Duvvury, C., Amerasekera, A. State-of-the-art issues for technology and circuit design of ESD protection in CMOS ICs 74830
Duvvury, C., Amerasekera, A. ESD issues for advanced CMOS technologies 96921
Duvvury, C. *see* Amerasekera, A. 95031
Duxstad, K.J. *see* Ruvimov, S. 105450
Duyn, J. *see* Guoying Liu 70090
Duyn, J. *see* Ye, F.Q. 120338
Duzellier, S., Ecoffet, R. Recent trends in single-event effect ground testing 70312
Duzellier, S. *see* Corbiere, T. 106219
Duzinsky, R.E. *see* Lyskovich, O.B. 107539
Dvinskikh, V.A. Calculation of spectral parameters and filtration of periodic digital signals 97770
Dvinskikh, V.A. Filters for periodic digital signals 108277
Dvir, I., Einziger, P.D. Transmission of an undistorted broadband pulsed-sinc-beam 97052
Dvorak, L.L., Romero, L. Evaluation of grounding methods used for maintenance of transmission lines 121191
Dvorak, P. *see* Klima, M. 117874
Dvorak, S.L., Dudley, D.G. Propagation of UWB electromagnetic pulses through dispersive media 97152
Dvorak, S.L. *see* Hsueh-Yuan Pao 85821
Dvorak, S.L. *see* Hsueh-Yuan Pao 85822
Dvorak, S.L. *see* Hsueh-Yuan Pao 107837
Dvorak, S.L. *see* Sailing He 65777
Dvorakova, H. National union catalogue in Internet (Danish DANBIB as a possible model for the union catalogue CASLEN) 118321
Dvoretsky, S.A. *see* Ovsyuk, V.N. 64931
Dvoretsky, S.A. *see* Varavin, V.S. 75685
Dvorkin, V.V. *see* Salishchev, V.A. 109830
Dvornikov, A.A., Ogurtsov, V.I. Phase noises of a two-loop self-oscillating system with discrete connection of the active element 104391
Dvornikov, A.S., Cokgor, I., McCormick, F., Piyaket, R., Esener, S., Rentzepis, P.M. Molecular transformation as a means for 3D optical memory devices 84951
Dvornikov, A.S. *see* Piyaket, R. 95649
Dvornikov, O.V. *see* Baturitsky, M.A. 120222
Dvornikov, O.V. *see* Baturitsky, M.A. 120223
Dvornikov, O.V. *see* Baturitsky, M.A. 120224
Dvornikov, S.S. *see* Gakhovich, D.E. 107491
Dvorsky, G.R. *see* Bronowicki, A.J. 61456
Dvoryashin, V.M. *see* Danilov, V.V. 120582
Dvulichanskaya, N.N. *see* Belyaev, V.V. 106871
Dvurechenskii, A.V. *see* Yakimov, A.I. 63056
Dvurechenskii, A.V. *see* Yakimov, A.I. 105193
Dwarakanath, C.K., Mathew, L. PC based biomedical signal acquisition 120443
Dweydari, A.W. *see* Ashenford, D.E. 81888
Dwilinski, R., Zubka, A., Janik, W., Kwiatkowski, S., Kaminska, M., Shaginyan, L. Growth of GaN layers using reactive ion plating method 92943
Dwir, B., Reinhardt, F., Biasiol, G., Kapon, E. Cross-sectional atomic force imaging of semiconductor heterostructures 74449
Dwir, B. *see* Reinhardt, F. 74576
Dwivedi, K.K. *see* Bhattacharyya, A. 80123
Dwivedi, L. *see* Smith, C.G. 107039
Dwivedi, P.K., Jha, I.S., Gupta, S. Planning of interconnections for disparate regional grids–a challenge 80833
Dwivedi, R. *see* Chanana, R.K. 63226
Dwivedi, R. *see* Chanana, R.K. 105543
Dwivedi, R. *see* Singh, V.K. 89184
Dwivedi, R. *see* Upadhyay, H.N. 106150
Dwivedi, S. *see* Singh, V.R. 110777
Dwivedi, V.K. *see* Singh, N.B. 105683
Dwolatzky, B. *see* Apostolellis, J. 102082
Dwolatzky, B. *see* Levitt, S.P. 102083
Dwolatzky, B. *see* Meyer, A.S. 121134
Dwolatzky, B. *see* Patricios, M.P. 102085
Dwolatzky, B. *see* Tumazos, S.C.J. 102084
Dworak, P. *see* Rudiger, U. 75190
Dworak, P. *see* Rudiger, U. 115617
Dworatzek, M. Data compression for professional applications 86602
Dwork, C., Lotspiech, J., Naor, M. Digital signets: self-enforcing protection of digital information 97488
Dworman, G., Kimbrough, S.O., Laing, J.D. Bargaining in a three-agent coalitions game: an application of genetic programming 60810
Dwyer, J. *see* Feroci, M. 69768
Dwyer, J.L., Sayler, K.L., Zylstra, G.J. Landsat Pathfinder data sets for landscape change analysis 111135
Dwyer, P.W. *see* McCall, L.V. 102891
Dwyer, V.M. Electromigration behavior under a unidirectional time-dependent stress 63482
Dwyer, V.M., Kearney, M.J., Bressloff, P.C. An integral equation approach to electromigration under arbitrary time-dependent stress 115014
D'yachenko, A.I., Tarenkov, V.Yu., Abaleshev, A.V., Svistunov, V.M. The nature of the linear background in the tunneling conductance of metal oxides: pressure effects 95456
D'yachkov, A.I. *see* Belikov, S.V. 120187
D'yachkov, E.I. *see* Baldin, A.M. 90061
D'Yachkov, M. *see* Baartman, R. 89982
Dyad'kin, A.P. *see* Baranov, V.Yu. 116347
Dyakin, V.V., Umergalina, O.V., Sandovskii, V.A. Calculation of the field of a permanent magnet located above a magnetic plate, and relations for thickness measurements 119884
Dyakonov, M.I., Shur, M.S. High electron mobility transistor as electronic flute 88886
Dyakonov, M.I., Shur, M.S. Plasma wave electronics: novel terahertz devices using two dimensional electron fluid 106086
D'yakonov, M.V., Zubov, V.A., Sultanov, T.T., Tavasiev, A.F., Torgashin, A.N., Faizullov, T.F. Correlator with a modified optical Rayleigh interferometer system used to measure small phase shifts of RF signals 88705
D'yakov, A.F. Electric power engineering and environment 121184
D'yakov, A.F., Bersenev, A.P., Gavrilov, E.I. Several macroecological aspects of the development of power engineering in Russia 71108
D'yakov, A.F., Nechaev, V.R., Ol'khovskii, G.G. Technical reequipment of operating thermal power stations 121339
Dyakov, I.V. *see* Volkov, R.A. 74490
Dyalsingh, H.M., Kakalios, J. Thermopower and conductivity activation energies in hydrogenated amorphous silicon 114659
Dyatlov, V.I., Kostsov, E.G. Planar film electrostatic and piezoelectric motors 121521
Dyatlov, V.L., Konyashkin, V.V., Potapov, B.S., P'Yankov, Yu.A. Planar electric micromotors 102763
Dybala, T. *see* Tecuci, G. 90679
Dyck, D.N., Lowther, D.A. Automated design of magnetic devices by optimizing material distribution 64498
Dyck, D.N., Lowther, D.A. Composite microstructure of permeable material for the optimized material distribution method of automated design 106593
Dyck, D.Van *see* Van Dyck, D.
Dyck, R.E.Van *see* Van Dyck, R.E.
Dyck, R.H., Spencer, E.T., Jr. Recent developments in image acquisition for manufacturing applications 63958
Dyckman, H.L. *see* Gandhi, P.P. 67012
Dyczij-Edlinger, R., Kingsland, D.M., Guanghua Peng, Perepelitsa, S.G., Polstyanko, S.V., Jin-Fa Lee Application of anisotropic absorbers to the analysis of MMIC devices by the finite element method 62344
Dyczij-Edlinger, R. *see* Perepelitsa, S.G. 93749
Dydak, F. *see* Braunschweig, W. 120173
Dydyk, M. *see* Reyes, A.C. 62392
Dydyk, M. *see* Reyes, A.C. 83469
Dydyk, M. *see* Reyes, A.C. 114188
Dye-Jyun Ma *see* Shyh-Chyi Wong 115336
Dye-Jyun Ma *see* Xi-Ren Cao 108818
Dyer, C.S., Sims, A., Underwood, C. Measurements of the SEE environment from sea level to GEO using the CREAM and CREDO experiments 70328
Dyer, C.S. *see* Sims, A.J. 80563
Dyer, C.S. *see* Sims, A.J. 111028
Dyer, C.S. *see* Truscott, P.R. 80080
Dyer, C.S. *see* Truscott, P.R. 100827
Dyer, K.C. *see* Burmas, T.V. 61972
Dyer, P.E., Farley, R.J., Giedl, R., Karnakis, D.M. Excimer laser ablation of polymers and glasses for grating fabrication 95640
Dyer, P.E., Jackson, S.R., Key, P.H., Metheringham, W.J., Schmidt, M.J.J. Excimer laser ablation and film deposition of Ti:sapphire 92926
Dyer, P.E., Karnakis, D.M., Key, P.H., Monk, P. Excimer laser ablation for micro-machining: geometric effects 95226
Dyer, R.A., Ouattara, S., Dyer, S.A. Right-cyclic Hadamard coding schemes and fast Fourier transforms for use in computing spectrum estimates in Hadamard-transform spectrometry 110060
Dyer, R.A. *see* Jize Xiong 85241
Dyer, R.A. *see* Jize Xiong 110059
Dyer, S.A. *see* Dyer, R.A. 110060
Dyer, S.A. *see* Jize Xiong 85241
Dyer, S.A. *see* Jize Xiong 110059
Dyer, S.A. *see* Mortensen, A.N. 68977
Dyer, T.E. *see* El-Kader, K.M.A. 94319
Dygdala, R.S. *see* Zielinski, M. 119548
Dyi-Rong Duh *see* Min-Yang Su 77566
Dykaar, D.R., Keil, U.D. Ultrafast electrical signal generation, propagation and detection 106961
Dykaar, D.R. *see* Keil, U.D. 106965
Dyke, C.Van *see* Van Dyke, C.
Dyke, K.L.Van *see* Van Dyke, K.L.
Dyke, P.J. Fibre access architectures for broadband services–a review of the available technologies 67938
Dyke, P.Van *see* Van Dyke, P.
Dykes, D. *see* Watanabe, S. 69095
Dykes, D.M., Higgins, D.S.G. Possible cavity construction techniques for the DIAMOND storage ring 100672
Dykes, D.M. *see* McIntosh, P.A. 89984
Dykes, J.W., Kim, Y.K., Tsoukatos, A., Gupta, S., Sanders, S.C. Giant magnetoresistance and high sensitivity in annealed NiFeCo/Ag multilayers 75166
Dykes, J.W. *see* Michel, R.P. 64361
Dykstra, R. *see* Smith, C.P. 96092
Dykstra, R. *see* Tang, D.Y. 65398
Dykstra, R. *see* Tang, D.Y. 96118
Dylla, F. *see* Liu, H. 90083
Dylla, H.F., Benson, S., Bisognano, J., Bohn, C.L., Cardman, L., Engwall, D., Fugitt, J., Jordan, K., Kehne, D., Li, Z., Liu, H., Merminga, L., Neil, G.R., Neuffer, D., Shinn, M., Sinclair, C., Wiseman, M., Brillson, K.J., Henkel, D.P., Helvajian, H., Kelly, M.J. A high-average-power FEL for industrial applications 76067
Dylla, H.F. *see* Benson, S.V. 96445
Dylla, H.F. *see* Benson, S.V. 107358
Dylla, H.F. *see* Kelley, M.J. 107359
Dylla, H.F. *see* Neuffer, D.V. 79877
Dymoke-Bradshaw, A.K.L., Hares, J.D., Kellett, P.A. High voltage pulse generators for use in laser systems 93182
Dymond, E.A. *see* Metherall, P. 101404
Dymond, M. *see* Borle, L. 111850
Dymond, R.C., Redpath, T.W., McKiddie, F.I. Application of the principle of optical phase-contrast microscopy to velocity phase-encoded MRI of blood flow in the aorta 80251
Dymott, J. Making transformers even more reliable and efficient 81522
Dymott, J. Getting coal to the power station 111783
Dymshits, B.M. *see* Johnson, R.O. 107459
Dymshits, Yu.M. *see* Gel'man, Yu.A. 64497
Dynowska, E. *see* Sadowski, J. 74233
Dyott, R. *see* Emge, S. 79446
Dyrseth, A.A. Measurement of plant movement in young and mature plants using electronic speckle pattern interferometry 100152
Dyskin, V.G., Settarova, Z.S., Gaziev, U.K. Antireflecting coatings for silicon photoconverters 81876
Dyson, E., Gilder, G., Keyworth, G., Toffler, A., Rowe, J.C., Moore, R.K. Cyberspace and the American dream: a Magna Carta for the knowledge age (Release 1.2, August 22, 1994) 112825
Dyson, P.L. *see* Norman, R.J. 111220
Dyst, J., Ericsson, L.M. Advanced concepts in an IN-switching platform: Standards and IN 98834
Dytlewski, N. *see* Persson, L. 105730
Dytlewski, N. *see* Persson, L. 114987
Dytlewski, N. *see* Walker, S.R. 94232
Dytman, S.A. *see* Leitch, M.J. 90240
Dyukov, V. *see* Faifer, V. 62671
Dz-Chi Li, Jeng-Tzong Chen, Chiang-Woei Chyuan, Cherng-Yuan Sun Thermophysical calculation of X-ray mask for quarter-micron lithography 74659
Dzamukashvili, G.E. Inversion of hot electrons in $\mathrm{Ga}_{1-x}\mathrm{Al}_x\mathrm{As}$ in strong $E\perp H$ fields 114613
Dzemidzic, M. *see* Chen, Y.K. 69865
Dzemidzic, M. *see* Szymanski, J.J. 110589
Dzemyda, G. Clustering of parameters on the basis of correlations via simulated annealing 82438
Dzhafarov, T.D. *see* Bidadi, H. 114609
Dzhafarova, R.G. *see* Askerov, S.G. 63569
Dzhala, R.M., Dikmarova, L.P., Kornienko, V.Yu. Effect of the terrestrial magnetic field on direct-current measurements in underground pipelines 79641
Dzhamankyzov, N.K. *see* Baibulatov, F.Kh. 75526
Dzhamankyzov, N.K. *see* Baibulatov, F.Kh. 85061
Dzhendubayev, A.-Z.R. Asynchronous welding generator 103189
Dzhibladze, M. High-power neodymium-glass waveguide laser 96218
Dzhigan, V.I. Calculating check characters for noise-immune codes for mobile radio telephones 99347
Dzhuliev, Kh.Kh., Krevchik, V.D., Muminov, R.A., Shadybekov, I.U. Use of solar energy in apiculture 103196
Dziaduszek, J. *see* Dabrowski, R. 100391
Dzielski, J.E. *see* Kotanchek, M.E. 88743
Dzieniakowski, M.A. *see* Kanoza, S. 112430
Dzieniakowski, M.A. *see* Kazmierkowski, M.P. 71782
Dzierzanowski, W., Rojewski, W. Simulation of protections and circuit breakers operation in power system substations 102925
Dzierzynski, A., Tyminski, L. Calculation of short-circuit impedance, currents and voltages in grounding transformer windings 112031
Dzioba, S. *see* Rousina-Webb, R. 92946

Dziobkowski, C. *see* Shapiro, M.J. 92818
Dziong, Z., Xiong, Y., Mason, L.G. Virtual network concept and its applications for resource management in ATM based networks 108946
Dzionk, C. *see* Metzner, H. 71713
Dziurdzia, B. *see* Gandurska, J. 69348
Dziurdzia, B. *see* Kulawik, J. 114451
Dzivy, J. *see* Mihalik, J. 117742
Dzurina, J., Soltes, V. Asymptotic analysis of ODEs 61062
Dzurko, K. *see* Nagarajan, R. 78835
Dzurko, K. *see* Nagarajan, R. 88570
Dzurko, K. *see* Nagarajan, R. 99475
Dzurko, K. *see* Nagarajan, R. 109607
Dzurko, K. *see* Verdiell, J.-M. 109610
Dzurko, K. *see* Waarts, R.G. 100193
Dzurko, K.M., Lang, R.J., Welch, D.F., Scifres, D.R., Hardy, A. 650 mW cw single-mode operation of angled grating distributed feedback lasers 65310
Dzwilofsky, J. *see* Malik, S.K. 83652
Dzyubak, A.P. *see* Anischenko, N.G. 120106
Dzyubak, A.P. *see* Bazhanov, N.A. 69699
Dzyubenko, A.B. *see* Mandray, A. 62744

e Castro, J.D'Albuquerque *see* D'Albuquerque e Castro, J.
e Marcello Fontanesi, P.Cantu *see* Cantu e Marcello Fontanesi, P.
e Silva, A.S. *see* Banzanella, A.S. 101965
e Silva, E.De Souza *see* De Souza e Silva, E.
E. Stetson, P.E.LaVerne *see* LaVerne E. Stetson, P.E.
E Zhang *see* Zhang E
E Zhou *see* Zhou E
Each, H.-G. *see* Arps, M. 106058
Eack, K.B. Balloon-borne X-ray spectrometer for detection of X-rays produced by thunderstorms 70488
Eades, J. *see* Niestroj, A. 80008
Eadie, A.S. Instrumentation–a central discipline in undergraduate technological education 72122
Eagan, P., Hawk, G.W. Combining business decisions with environmental design analysis 60747
Eagan, P., Hawk, G.W. The application of environmental design tools and the integration of environmental values with business decisions 72230
Eager, G.S., Katz, C., Fryszczyn, B., Densley, J., Bernstein, B.S. High voltage VLF testing of power cables 121176
Eagle, S.C. *see* Fedder, G.K. 74885
Eaglesham, D. *see* Liu, C.W. 104123
Eaglesham, D.J. *see* Benton, J.L. 63235
Eaglesham, D.J. *see* Benton, J.L. 63255
Eaglesham, D.J. *see* Benton, J.L. 114863
Eaglesham, D.J. *see* Cheng, J.Y. 105547
Eaglesham, D.J. *see* Gossman, H.-J. 63256
Eaglesham, D.J. *see* Haynes, T.E. 105545
Eaglesham, D.J. *see* Mogi, T.K. 63004
Eaglestone, B. *see* Vertegaal, R. 68941
Eakins, J.P., Shields, K., Boardman, J. ARTISAN–a shape retrieval system based on boundary family indexing 66920
Eam Khwang Teoh *see* Kaveti, S. 67456
Eapen, B.Joy *see* Joy Eapen, B.
Eapen, D. *see* Sebastian, P.J. 91722
Eardley, A., Lewis, T., Avison, D., Powell, P. The linkage between IT and business strategy in competitive systems: A reappraisal of some 'classic' cases using a competition analysis framework 72160
Earl, J., Lyberatos, A., Chantrell, R.W. The rate of domain growth in magneto-optic recording media 75237
Earl, J.S., Lyberatos, A., Chantrell, R.W., O'Grady, K. An analysis of magnetic viscosity in MO films. 2. Simulation 106589
Earle, W.E. *see* Ouyang, J. 83779
Earles, S.W.E. *see* Zhu, Y. 77201
Earles, S.W.E. *see* Zhu, Y. 87055
Earles, T. *see* Guckel, H. 91558
Earles, T. *see* Guckel, H. 106265
Earley, L., Paul, J., Rohlev, L., Hall, R., Goforth, J. Optically powered firing system for the Procyon high explosive pulsed power system 82906
Earley, L. *see* Hall, R. 84984
Early, D.S., Long, D.G. Error characteristics of the SIR resolution enhancement algorithm 111105
Early, R. *see* Raubenheimer, T.O. 89662
Earmme Youn Young *see* Youn Young Earmme
Earnest, T. *see* Beuville, E. 80191
Earnest, T. *see* Beuville, E. 101239
Earnshaw, A.M., Blostein, S.D. The performance of camera translation direction estimators from optical flow: analysis, comparison, and theoretical limits 117558
Earp, S.L., Hughes, E.S., Elkins, T.J., Vickers, R. Ultra-wideband ground-penetrating radar for the detection of buried metallic mines 109766
Earp, S.L., Hughes, E.S., Elkins, T.J., Vickers, R. Ultra-wideband ground-penetrating radar for the detection of buried metallic mines 111424
Earwaker, L.G. *see* Aylett, B.J. 94844
Earwaker, L.G. *see* Giaddui, T. 92971
Eason, K.D., Harker, S.D.P., Raven, R.F., Brailsford, J.R., Cross, A.D. Expert or assistant: supporting power engineers in the management of electricity distribution 111514
Eason, M. *see* Baumbach, D. 92059
Eason, R.W. *see* Gill, D.S. 85404
Eason, R.W. *see* Kaczmarek, M. 65533
Eason, R.W. *see* Kaczmarek, M. 107507
Eason, R.W. *see* Robertson, E.E. 64781
Eassa, N.G. *see* Ghrist, J.T. 121104
Eassom, D. The next generation of HF digital radios 99058
Easson, W.J. *see* Anderson, D.J. 96864
Easson, W.J. *see* Jakobsen, M.L. 110448
East, G. *see* Kang, X. 89843
East, G. *see* Liu, J.Y. 89882
East, G. *see* Wang, L. 89881
East, J. *see* Brauchler, F. 93718
Easter, W.G., Goodwin, C.A., Hsieh, C.M., Shanaman, R.H., Wallace, S.W., Worrell, M.J. High volume manufacturability of bonded wafer SOI 63151
Eastham, A.R. *see* Zhenning Liu 65687
Eastham, J.F., Balchin, M.J., Betzer, T., Lai, H.C., Gair, S. Disc motor with reduced unsprung mass for direct EV wheel drive 71829
Eastham, J.F., Hill-Cottingham, R.J., Young, I.R., Hajnal, J.V. A method of inverse calculation for regions of small susceptibility variations 101305
Eastham, J.F., Ionel, D.M., Balchin, M.J., Betzer, T., Demeter, E. Finite element analysis of an interior magnetic brushless DC machine, with a step-skewed rotor 102746
Eastham, J.F. *see* Al-Akayshee, Q.H. 111922
Eastham, J.F. *see* Gair, S. 71372
Eastham, J.F. *see* Gair, S. 112003
Eastham, J.F. *see* Leonard, P.J. 71242
Eastham, J.F. *see* Moghani, J.S. 112009
Eastham, J.F. *see* Moghani, J.S. 112011
Eastman, K. *see* Colomb, F. 82207
Eastman, L.F., Spencer, R. Optimization of semiconductor lasers for UHF modulation 96348
Eastman, L.F. *see* Burm, J. 63778
Eastman, L.F. *see* Pereiaslavets, B. 104850
Eastment, J.D., Thurai, M., Ladd, D.N., Moore, I.N. Melting-layer detection in tropical precipitation using polarimetric and Doppler radar signatures 65842
Easton, R.A. Smart digital cameras for product quality inspection 103499
Easton, R.L., Jr., Eschbach, R., Nagarajan, R. Error diffusion in cell-oriented Fourier-transform computer-generated holograms to compensate for printing constraints 76287
Easton, R.L., Jr., Shen-Ge Wang, Ramesh Nagarajan Error-diffused quantization in computer-generated holography incorporating a centering model for dot-overlap correction 96800
Eastwood, J.W., Arter, W., Brealey, N.J., Hockney, R.W. Body-fitted PIC software for electromagnetic problems: the time domain code PIC3D 65628
Eastwood, J.W. *see* Arter, W. 65608
Eaten, L. *see* Jorquera, C. 88958
Eaten, W.P., Smith, J.H. Characterization of a surface micromachined pressure sensor array 79371
Eatherley, G. *see* Ratner, I. 108014
Eaton, J., Jr., Horner, R. A system engineering approach to the design of on-chip electrostatic discharge protection 63948
Eaton, J.H. *see* Judkins, R.R. 111806
Eaton, M. *see* Levin, J. 103346
Eaton, T. *see* van den Berg, M.L. 106054
Eaves, L. *see* Buhmann, H. 63550
Eaves, L. *see* Fromhold, T.M. 62951
Eaves, L. *see* Geim, A.K. 63812
Eaves, L. *see* Hayden, R.K. 114745
Eaves, L. *see* Ihn, T. 105331
Eaves, L. *see* McDonnell, P. 63823
Eaves, L. *see* Nogaret, A. 63033
Eaves, L. *see* Nogaret, A. 105416
Eaves, L. *see* Sachrajda, A.S. 105358
Eaves, L. *see* Strutz, T. 63588
Eaves, L. *see* Wang, J. 63549
Eaves, L. *see* Wang, J. 63553
Eaves, L. *see* Zhang, C. 63805
Ebata, A. *see* Asano, Y. 69759
Ebata, K., Shiozaki, M., Iwamoto, H., Higuchi, F., Kaji, M., Nanba, H. Thermally induced optical distortion in ZnSe focal lenses 96584
Ebata, K. *see* Fuse, K. 96866
Ebata, M. *see* Iwatsuki, M. 87031
Ebberg, A. *see* Bachus, E.-J. 78914
Ebberg, A. *see* Gottwald, E. 119203
Ebberg, A. *see* Sinnesbichler, F. 93537
Ebbers, C.A., Velsko, S.P. Optical and thermo-optical characterization of KTP and its isomorphs for 1.06 μm pumped OPOs 96693
Ebbinghaus, G. *see* Schimpe, R. 78656
Ebbinghaus, G. *see* Strzoda, R. 62755
Ebbinghaus, W. *see* Biewendt, V. 71598
Ebbs, G. Hook your e-mail into the Net 77913
Ebel, G.H. Graphical statistical methods for failure analysis and process control 92352
Ebel, J. *see* Anholt, R. 74698
Ebel, J. *see* Dettmer, R. 93804
Ebel, J. *see* Jenkins, T. 74704
Ebel, M. *see* Mercer, R. 61867
Ebel, R. *see* Spahn, W. 92745
Ebel, W.J. A directed search approach for unit-memory convolutional codes 76804
Ebel, W.J. *see* Campbell, R.L., Jr 97578
Ebel, W.J. *see* Liu Feng 97579
Ebeling, C. *see* Hassoun, S. 82878
Ebeling, H.-J., Noske, H., Fricke, J. Cost-saving partial renewal of a district heating power station by means of a demanding gas and steam plant 121377
Ebeling, K.J. *see* Fiedler, U. 65302
Ebeling, K.J. *see* Fiedler, U. 65324
Ebeling, K.J. *see* Grabherr, M. 107247
Ebeling, K.J. *see* Horsch, I. 65219
Ebeling, K.J. *see* Reiner, G. 85493
Ebeling, K.J. *see* Schmid, W. 107309
Ebeling, K.J. *see* Weigl, B. 85523
Ebeling, K.J. *see* Weigl, B. 107285
Ebeling, K.J. *see* Weigl, B. 107301
Ebeling, K.J. *see* Zheng Dai 65290
Ebeling, W., Ryvkin, B.S., Gutowski, J., Schuell, K., Jobst, B., Hommel, D. Modulator and saturable absorber for integration with CdZnSe/ZnSe/ZnMgSSe QW-laser diodes 75963
Ebeling, W. *see* Diessel, A. 75957
Ebeling, W. *see* Rateitschak, K. 117121
Ebels, U. *see* Adeyeye, A.O. 75116
Eben-Chaime, M., Tovey, C.A., Ammons, J.C. Circuit partitioning via set partitioning and column generation 61526
Ebergen, J.C. *see* Segers, J. 104647
Eberhard, W.L. Theory for dual-wavelength CO_2 lidar method to distinguish ice, mixed-phase, and water clouds 90773
Eberhardt, J.E. *see* Cutmore, N.G. 110434
Eberhardt, M. *see* Kaufhold, M. 121470
Eberhardt, W. *see* Bachmann, P.K. 114905
Eberhardt, W. *see* Schlebusch, C. 64899
Eberl, K. *see* Bertram, D. 63048
Eberl, K. *see* Biese, G. 105425
Eberl, K. *see* Blick, R.H. 105408
Eberl, K. *see* Bollweg, K. 105424
Eberl, K. *see* Brunner, K. 113318
Eberl, K. *see* Dilger, M. 72782
Eberl, K. *see* Ernst, G. 75727
Eberl, K. *see* Haug, R.J. 62873
Eberl, K. *see* Hausler, K. 61298
Eberl, K. *see* Kukushkin, I.V. 74339
Eberl, K. *see* Kukushkin, I.V. 105251
Eberl, K. *see* Lange, R. 114672
Eberl, K. *see* Moritz, A. 85465
Eberl, K. *see* Nash, G.R. 105419
Eberl, K. *see* Tornow, M. 62993
Eberl, K. *see* Tornow, M. 74452
Eberl, K. *see* Ye, P.D. 105261
Eberl, S. *see* Fulton, R.R. 70063
Eberl, S. *see* Meikle, S.R. 90429
Eberle, C.S. *see* Leung, W.H. 89570
Eberle, G. *see* Bloss, P. 84672
Eberle, W., Hirschinger, J., Margull, U., Prettl, W., Novak, V., Kostial, H. Visualization of current filaments in n-GaAs by photoluminescence quenching 74128
Eberly, D. *see* Aylward, S. 110714
Eberly, D.H. *see* Furst, J.D. 110713
Eberly, T.W., Schaefer, R.C. Regulating small generators by reactive power or power factor control 121524
Ebersberger, B., Boit, C., Benzinger, H., Gunther, E. Thickness mapping of thin dielectrics with emission microscopy and conductive atomic force microscopy for assessment of dielectrics reliability 95206
Ebersman, H.G., Tonguz, O.K. Handoff ordering using signal prediction priority queuing in personal communications systems 88374
Eberspacher, C., Gay, C.F., Moskowitz, P.D. Strategies for enhancing the commercial viability of CdTe-based photovoltaics 103031
Eberspacher, J. *see* Edmaier, B. 98370
Ebert, A., Eppel, M., Genthe, S., Schwarzjirg, H., Stark, J., Werner, W. System restoration of a transmission network 70761
Ebert, G.L. *see* Baker, R.D. 72629
Ebert, M. *see* Frotscher, U. 94250
Ebert, P. *see* Heinrich, M. 62761
Ebert, W. *see* Gluche, P. 63576
Ebert, W. *see* Schlaak, W. 96070
Ebert, W. *see* Vescan, A. 84152
Ebest, G. *see* Beyer, A. 71702
Ebid, M.R. *see* Ashour, A. 105172
Ebihara, D. *see* Hosono, S. 84882
Ebihara, D. *see* Torii, S. 91455
Ebihara, D. *see* Yasuda, I. 91702
Ebihara, K., Hiramatsu, S. High-current-density gun with a LaB_6 cathode [for induction linac] 110482
Ebihara, K., Koshihara, S.-Y., Miyazawa, T., Kira, M. Polysilane-based polymer diodes emitting ultraviolet light 116269
Ebihara, K., Ohya, J., Kishino, F. Real-time facial expression detection based on frequency domain transform 87155
Ebihara, K., Ohya, J., Kishino, F. A study of real time facial expression detection for virtual space teleconferencing 109180
Ebihara, K. *see* Kishino, F. 87882
Ebihara, K. *see* Saito, K. 96518
Ebihara, K. *see* Takahashi, N. 64186
Ebihara, S., Sato, M., Niitsuma, H. Estimation of source location using MUSIC algorithm for a borehole radar with a circular array 117367

Ebina, A. *see* Takeuchi, T. 105468
Ebine, H. *see* Maruo, A. 61957
Ebine, N., Takeuchi, S., Ara, K. Experimental studies on a structure of eddy current probe for detection of magnetic flux distorted by a flaw 110135
Ebine, T. *see* Hashimoto, K. 117567
Ebinuma, Y. *see* Li, Y. 115404
Ebinuma, Y. *see* Ogishima, M. 111637
Ebinuma, Y. *see* Tosaka, S. 111636
Ebinuma, Y. *see* Ying Li 64122
Ebinuma, Y. *see* Ying Li 106371
Ebisawa, K. *see* Ohashi, T. 99891
Ebisawa, N. *see* Katagiri, K. 64521
Ebisawa, N. *see* Watanabe, K. 110471
Ebisawa, T. *see* Kawai, T. 120180
Ebisu, T. *see* Sakuma, T. 108887
Ebizuka, K., Takahashi, I., Tatsumi, K., Ohno, H. Monitoring and control systems for thermal and hydroelectric power plants 111761
Eblen, J.P., Jr., Gunning, W.J., Beedy, J., Taber, D., Hale, L., Yeh, P., Khoshnevisan, M. Birefringent compensators for normally white TN-LCDs 90703
Ebling, D. *see* Chen, J.W. 114803
Ebling, D.G. *see* Eiche, C. 80143
Ebling, D.G. *see* Rogalla, M. 120146
Ebner, C. *see* Seiple, J.V. 84170
Ebner, M.B. *see* Crespi, A.M. 112184
Ebner, W. *see* Fouchard, D. 81690
Ebner, W. *see* Xie, L. 81680
Ebohon, O.J. Energy, economic growth and causality in developing countries: a case study of Tanzania and Nigeria 80748
Ebong, A.U., Kim, S.D., Lee, S.H. Isolated rear and front groove silicon solar cells 71700
Ebong, A.U., Lee, S.H., Honsberg, C., Wenham, S.R. High efficiency double sided buried contact silicon solar cells 71703
Ebong, A.U., Taouk, M., Honsberg, C.B., Wenham, S.R. The use of oxynitrides for the fabrication of buried contact silicon solar cells 81880
Ebrahimi, N. Engineering notion of mean-residual-life and hazard-rate for finite populations with known distributions 113020
Ebrahimzadeh, M. *see* French, S. 65509
Ebrahimzadeh, M. *see* French, S. 85608
Ebrahimzadeh, M. *see* French, S. 96649
Ebrahimzadeh, M. *see* McGowan, C. 65508
Ebutt, R., Danyluk, S., Weisshaus, I. Method to evaluate damage induced by dicing and laser cutting of silicon wafers 95108
Eby, M., Bush, R. Maintenance management techniques for the future 121809
Eccardt, P.-C. *see* Magori, V. 111400
Eccles, C. *see* Callaghan, P. 80668
Eccles, R. *see* Fawcett, B. 113856
Eccleston, W. *see* Wu, Z.Y. 84419
Echallier, J.F. *see* Yvert, B. 110825
Echanobe, J., Gonzalez de Mendivil, J.R., Garitagoitia, J.R. Deformed systems for contextual text recognition 67461
Echer, C. *see* Lemke, H. 113468
Echevarria, R. The numerical computation of steady vortex pairs 92529
Echigo, H. *see* Kang, J. 78599
Echigoya, J. *see* Onuki, J. 82186
Echtle, D. *see* Karnett, M. 106208
Echtle, K., Masum, A. A multiple bus broadcast protocol resilient to non-cooperative Byzantine faults 98449
Eckard, A. *see* Thalman, W.J. 62399
Eckardt, R.C. *see* Myers, L.E. 65443
Eckardt, R.C. *see* Myers, L.E. 96692
Eckardt, T., Magedanz, T., Ulbricht, C., Popescu-Zeletin, R. Generic personal communications support for open service environments 118235
Eckart, D.W. *see* Branovich, L.E. 73953
Eckart, D.W. *see* Cole, M.W. 83976
Eckart, D.W. *see* Cole, M.W. 94593
Eckart, D.W. *see* McLane, G.F. 84135
Eckbauer, S. *see* Lechner, P. 110554
Eckburg, J.J., Chato, J.C., Liu, K.J., Grinstaff, M.W., Swartz, H.M., Suslick, K.S., Auteri, F.P. The measurement of temperature with electron paramagnetic resonance spectroscopy 80411
Ecke, G. *see* Cimalla, V. 103988
Ecke, W. *see* Haubenreisser, W. 64648
Eckels, P. *see* Bu-Xin Xu 95544
Ecker, W. *see* Schneider, C. 113829
Eckerle, M., Chakari, A., Meyrueis, P. Experimental mode coupling analysis in optical waveguides for sensor and component optimization 95741
Eckert, A. *see* Sturtevant, J. 105821
Eckert, C., Miehe, J.A. Test of the deterministic conjecture for the instantaneous time phase fluctuations of an oscillator 113790
Eckert, D. *see* Hutten, A. 115642
Eckert, D. *see* Rave, W. 115502
Eckert, J. *see* Schafer, R. 115509
Eckert, R.R. *see* Stenzler, M.K. 68916
Eckey, L. *see* Hoffmann, A. 62803
Eckhardt, B. *see* Frank, O. 62168
Eckhardt, D., Steenkiste, P. Measurement and analysis of the error characteristics of an in-building wireless network 118414
Eckhause, T. *see* Yuh, E.L. 105371
Eckhorn, R. *see* Stoecker, M. 77252
Eckl, K. *see* Legl, C. 73237
Eckl, K. *see* Legl, C. 82882
Eckl, M. *see* Vydra, J. 107573
Eckle, F.J. *see* Jitschin, W. 94157
Eckler, K. *see* Li, D. 61137
Ecklund, S. *see* Raubenheimer, T. 89588
Ecklund, S. *see* Zimmermann, F. 89651
Ecklund, S.D. *see* Tang, H. 90106
Ecklund, W.L. *see* Gage, K.S. 90781
Eckmiller, R. *see* Hirose, A. 83294
Eckmiller, R. *see* Hirose, A. 106896
Eckmiller, R. *see* Napp-Zinn, H. 62090
Eckner, J. *see* D'Ottavi, A. 85705
Eckner, J. *see* Leuthold, J. 75673
Eckner, J. *see* Leuthold, J. 88513
Eckner, J. *see* Mecozzi, A. 96679
Eckrich, H. *see* Grieser, M. 120248
Eckstein, E. *see* Treichel, H. 115026
Eckstein, F., Gavazzeni, A., Sittek, H., Haubner, M., Losch, A., Milz, S., Englmeier, K.-H., Schulte, E., Putz, R., Reiser, M. Determination of knee joint cartilage thickness using three-dimensional magnetic resonance chondro-crassometry (3D MR-CCM) 120340
Eckstein, H. *see* Hollenbach, U. 95792
Eckstein, H. *see* Reigrotzki, M. 114604
Eckstein, J.N., Bozovic, I., Rzchowski, M., O'Donnell, J., Hinaus, B., Onellion, M. Molecular beam epitaxy of single crystal colossal magnetoresistive material 72852
Eckstein, M.P., Whiting, J.S. Visual signal detection in structured backgrounds. I. Effect of number of possible spatial locations and signal contrast 120335
Eckstein, M.P., Whiting, J.S., Thomas, J.P. Role of knowledge in human visual temporal integration in spatiotemporal noise 117625
Eckstein, P. *see* Koch, N. 80129
Eckstein, W., Steger, C. Interactive data inspection and program development for computer vision 66876
Eclercy, D., Rammal, M., Reineix, A., Jecko, B. Compensating for the mutual coupling effect on a synthesized pattern array 76637
Ecoffet, R. *see* Assoum, A. 73608
Ecoffet, R. *see* Assoum, A. 104774
Ecoffet, R. *see* Calvet, M.C. 111048
Ecoffet, R. *see* Corbiere, T. 106219
Ecoffet, R. *see* de La Rochette, H. 106228
Ecoffet, R. *see* Duzellier, S. 70312
Ecoffet, R. *see* Poivey, C. 73462
Ecoffet, R. *see* Poivey, C. 104598
Economakos, C., Karakatsanis, E. A customer account management system for the medium and low voltage network 101804
Economikos, L., Kotecki, D.E., Surprenant, R. Controlling the dimensions of laser chemical vapor deposited metallurgy [MCM-D] 62515
Economikos, L., Sherif, R. Design optimization of a laser bond tool 73899
Economou, D. *see* Lymberopoulos, D. 63405
Economou, D.J. *see* Meyyapan, M. *(editor)* 60346
Economou, E.G. *see* Bolis, S. 108834
Economou, M. The uncertainties of PBGA attachment reliability 82257
Economou, M. Extra-fine-pitch surface-mount rework 83603
Economou, Y. *see* Tzanakos, C. 101316
Eda, H. *see* Mori, T. 95389
Eda, H. *see* Mori, T. 119647
Eda, K., Tomita, Y., Sugimoto, M., Nanba, A., Ogura, T., Taguchi, Y., Kawasaki, O. Novel composite piezoelectric materials using direct bonding techniques 106352
Eda, K. *see* Taguchi, Y. 84750
Eda, K. *see* Tomita, Y. 64085
Eda, N. *see* Uchida, M. 102965
Edahiro, M., Lipton, R.J. Clock buffer placement algorithm for wire-delay-dominated timing model 93293
Edamatsu, H., Ikawa, S., Hasegawa, K. Design methodologies for consumer-use video signal processing LSIs 83152
Edamatsu, K., Yano, S., Iwai, S., Itoh, T., Goto, T., Ekimov, A. Subpicosecond dynamics of confined excitons and optical nonlinearities of CuCl quantum dots 74303
Edamatsu, K. *see* Mimura, Y. 74302
Edandson, E.J., Trenkle, J.M., Vogt, R.C. Word-level recognition of multifont Arabic text using a feature-vector matching approach 66882
Eddrief, M. *see* Zheng, Y. 72841
Eddy, C.R., Jr. *see* Edgar, J.H. 104097
Edel, Y. *see* Bierbrauer, J. 117208
Edelblute, D.J. Noncircularity 66650
Edell, D.J. *see* Limb, S.J. 61373
Edell, R.J., McKeown, N., Varaiya, P.P. Billing users for TCP 67579
Edelman, A., Smith, S.T. On conjugate gradient-like methods for eigen-like problems 103751
Edelman, B. *see* Henton, C. 117278
Edelman, R.R. *see* Siewert, B. 120339
Edelmann, T. *see* Binder, M. 94257
Edelmoser, K.H. *see* Himmelstoss, F.A. 104363
Edelsen, B. *see* Bergman, L.A. 109585
Edelson, B. *see* Bergman, L.A. 88438
Edelstein, A.S., Cammarata, R.C. *(editors)* Nanomaterials: synthesis, properties and applications 112769
Edelstein, D.C. *see* Hu, C.-K. 115003
Edelstein, W.A. *see* Sorgenfrei, B.L. 101223
Eden, J.D. *see* Hauer, J.F. 70835
Eden, R. *see* Sienski, K. 73917
Eder, C., Smoliner, J., Bohm, G., Weimann, G. Room temperature current imaging tunnelling spectroscopy of GaAs/AlGaAs quantum wires at ambient pressure 105311
Eder, C., Smoliner, J., Strasser, G. Local barrier heights on quantum wires determined by ballistic electron emission microscopy 62937
Eder, C., Smoliner, J., Strasser, G., Gornik, E. BEEM studies on GaAs/$Al_xGa_{1-x}As$ quantum wire structures 105389
Eder, C. *see* Smoliner, J. 105386
Eder, K. *see* Marx, M. 121570
Ederer, D. *see* Sutherland, D.G.J. 84146
Edfors, O., Sandell, M., van de Beek, J.-J., Wilson, S.K., Ola Borjesson, P. OFDM channel estimation by singular value decomposition 117943
Edgar, D. *see* Elgaid, K. 104858
Edgar, J. *see* Honary, B. 76814
Edgar, J.H., Carosella, C.A., Eddy, C.R., Jr., Smith, D.T. Effect of beam voltage on the properties of aluminium nitride prepared by ion beam assisted deposition 104097
Edgar, J.H. *see* Chaudhuri, J. 83880
Edgar, T.F. *see* Bushman, S. 63399
Edgar, T.F. *see* Stuber, J.D. 63888
Edge, C. *see* Molony, A. 68482
Edge, G. Nordic pool generating interest in Oslo 111477
Edge, K.A. *see* Hogan, P.A. 82326
Edgorova, D.M. *see* Karimov, A.V. 75719
Edgorova, D.M. *see* Karimov, A.V. 114688
Edholm, B., Olsson, J., Soderbarg, A., Bohlin, K., Magnusson, F. High current gain lateral bipolar action in DMOS transistors 63666
Edholm, B., Soderbarg, A., Bengtsson, S. Reliability evaluation of manufacturing processes for bipolar and MOS devices on silicon-on-diamond materials 63900
Edholm, K. New model for reliability prediction of telecommunication hardware 118747
Edholm, P., Danielsson, P.-E. A theorem on divergent projections [X-ray computerised tomography application] 80300
Edighoffer, J. *see* Whitham, K. 89719
Edimo, M., Rigoland, P., Terret, C. Wideband aperture-fed double linear polarisation multilayer printed antenna array 66146
Edinger, H.C., Jr., Sun, H. Artificial test pattern generation for digital video coding systems 86545
Edirisinghe, L. *see* Rahman, F. 66066
Edirisooriya, G. Closed form aliasing probability for q-ary symmetric errors 93271
Ediriwickrema, J., Khorram, S. Classification accuracy improvement and delineation of mixed pixels using hierarchical image classification 111332
Ediss, G.A. *see* Gusten, R. 68806
Edleman, D.V. *see* Peterson, M.T. 70362
Edler, F. *see* White, D.R. 119664
Edlund, G. Noise budgets help maintain signal integrity in low-voltage systems 113634
Edmaier, B., Fischer, W., Eberspacher, J., Klug, A. Alignment server for hitless path switching in ATM networks 98370
Edmaier, B. *see* Osborne, R. 109320
Edmiston, S. *see* Honsberg, C.B. 103006
Edmiston, S. *see* Wenham, S.R. 102999
Edmond, C.V., Sluis, D. ENT surgical simulator project 80431
Edmond, J., Kong, H.-S., Leonard, M., Bulman, G., Negley, G. The state of SiC:GaN-based blue LEDs 116263
Edmond, J.A. *see* Bulman, G.E. 65240
Edmond, J.A. *see* Bulman, G.E. 96329
Edmond, J.A. *see* Dmitriev, V.A. 115144
Edmond, J.A. *see* Johnson, M.A.L. 72776
Edmond, J.A. *see* Johnson, M.A.L. 82694
Edmonds, L.D. A graphical method for estimating charge collected by diffusion from an ion track 100866
Edmonds, M.E. *see* Ison, K. 80176
Edner, H. *see* Svanberg, S. 101579
Edo, M., Watanabe, Y., Yonezawa, E. Micromachining of diamond by reactive ion-beam etching 115376
Edrich, J. *see* Teale, P. 101299
Edrich, M. *see* Heuell, P. 91239
Edris, A. *see* Bian, J. 121054
Edris, A.-A. *see* Douglass, D.A. 102044
Edris, A.-A. *see* Liancheng Wang 91099
Edstrom, A. *see* Eriksson, J. 101851
Edvinsson, M.J. Metering and settlement systems–the infrastructure for a de-regulated electricity market 90994
Edward, B. *see* Sowers, J. 97367
Edward, B.J., Webb, R.S., Weinreb, S. A W-band active phased-array antenna 76652
Edwards, A. *see* Lea-Wilson, N.D. 67941
Edwards, A. *see* McCord, D. 67771
Edwards, A.E. Dynamic response of Granlund predetection diversity combiners 86271
Edwards, A.M., Dao, Y., Nemanich, R.J., Sayers, D.E. Structural investigation of the initial interface region formed by thin titanium films on silicon (111) 83975
Edwards, A.R., Chan, K.W., Dunn, R.W., Daniels, A.R. Dynamic stability screening of electric power systems using artificial neural networks 111479
Edwards, B.J. *see* Andrews, D.H. 120585

Edwards, C., Salleh, M., De Jong, E.C.J.N., Palmer, S.B. Optimisation of a miniature laser/EMAT system for pulsed ultrasonics 61488
Edwards, C.B. *see* Danson, C.N. 85429
Edwards, C.B. *see* Divall, E.J. 65036
Edwards, D. Development of JEDEC standard thermal measurement test boards 110426
Edwards, D. *see* Kaaden, J. 109930
Edwards, D. *see* Nguyen, P. 93317
Edwards, D.G., Cargill, S.M. The influence of high frequency transients on the slot discharge characteristics of high voltage machines 102650
Edwards, D.J. *see* Jenkins, A.P. 62162
Edwards, D.M. *see* Ferreira, M.S. 64385
Edwards, G., Sankar, R. Hand-off using fuzzy logic 78500
Edwards, G., Sankar, R. Fuzzy control for microcellular corner effect 119009
Edwards, G. *see* Jain, P.K. 71485
Edwards, G.C. *see* Wagner-Riddle, C. 70521
Edwards, G.J., Lanitis, A., Taylor, C.J., Cootes, T.F. Modelling the variability in face images 117905
Edwards, G.J. *see* Campbell, J.H. 85555
Edwards, I.K. Miniature metal-halide arc lamps: ready for projection LCD TVs 69415
Edwards, J. Automatic bubble size detection, using the zoom FFT 93468
Edwards, J. *see* Young, E. 99894
Edwards, J.A. *see* Babinsky, H. 119952
Edwards, J.C. Digital free marketplace [telemedicine] 80165
Edwards, J.C., Jr. *see* Vandre, R.H. 80432
Edwards, J.M. *see* Hughes-Edwards, L.M. 121284
Edwards, M. A report on background noise levels recorded over one year in the vicinity of the Delabole Windfarm 102588
Edwards, M. *see* Chan, O.Y.C. 69940
Edwards, M. *see* Wei Koh 92222
Edwards, M.E. *see* Zoba, D. 82238
Edwards, M.J. *see* Brotherton, S.D. 84605
Edwards, M.L., Sheng Cheng Conditionally stable amplifier design using constant μ-contours 83404
Edwards, N.H. *see* Hopkinson, D.A. 65222
Edwards, N.V., Bremser, M.D., Weeks, T.W., Jr, Kern, R.S., Davis, R.F., Aspnes, D.E. Real-time assessment of overlayer removal on GaN, AlN and AlGaN surfaces using spectroscopic ellipsometry 114903
Edwards, P. *see* McStay, K. 63910
Edwards, P.D. The first three years of the Delabole Windfarm 102536
Edwards, P.J. *see* Cheung, W.N. 85317
Edwards, P.J. *see* Li, L. 75975
Edwards, P.P. *see* Hodges, J.P. 75324
Edwards, R. *see* Deboux, B.J.-C. 69561
Edwards, R.M. *see* Martin, R.P. 91294
Edwards, R.N., Carey, W.J., Nunnally, W.C. Compact, ultra-wideband, impulse generators for electro-optical applications 102863
Edwards, R.T., Cauwenberghs, G. Oversampling architecture for analog harmonic modulation 97426
Edwards, R.V. *see* Howard, P.M. 65588
Edwards, S. *see* Yallup, K. 63606
Edwards, S.A. *see* Danson, C.N. 85429
Edwards, S.M. Long term failure mechanisms of NPN switching transistors 105897
Edwards, T.C. *see* Cobb, D.A. 71872
Edwards, T.W. *see* Bulwith, R.A. 92223
Edwards, W.K. Session management for collaborative applications 67875
Edwards, W.S. DES (Distributed Energy Simulation): a tool for modeling railgun performance 65741
Edwards, W.S. *see* Ritchie, C.J. 69978
Edworthy, J. *see* Haas, E.C. 97840
Edy, C. *see* Bourillet, J.F. 111097
Ee Luang Ang *see* Bu Sung Lee 118509
Eecen, P.J., Schep, T.J., Tulupov, A.V. Spectral dynamics of a collective free electron maser 96507
Eeckhout, P. *see* De Loore, B. 77534
Eeden, A.L.G.van den *see* van den Eeden, A.L.G.
Eek Park Seung *see* Seung Eek Park
Eel-Wan Lee *see* Jeong-Min Kim 109280
Eems, B.van der *see* van der Eems, B.
Een-Kee Hong *see* Yong-Wan Park 118899
Eetvelt, P.Van *see* Van Eetvelt, P.
Efendiev, T.S. *see* Afanasev, A.A. 65061
Efendiev, T.S. *see* Rubinov, A.N. 65062
Efeoglu, H. *see* Abay, B. 105213
Efeoglu, H. *see* Yildirim, M. 114674
Efford, N.D. *see* Bulpitt, A.J. 108412
Effros, M. *see* Chou, P.A. 66434
Effros, M. *see* Chou, P.A. 76785
Effros, M. *see* Jung-Fu Cheng 66411
Efimenko, A. *see* Baida, N. 104284
Efimov, A., Reitze, D.H. Spectral adaptive optics: phase compensation for ultrashort chirped pulse amplifier systems 107441
Efimov, A., Stone, S. A novel LiF radiator for RICH detectors 69715
Efimov, A. *see* Kopp, S. 80078
Efimov, A. *see* Playfer, S. 69749
Efimov, A.S., Zhmud, V.A. Supersmall-step frequency synthesizer for frequency and phase control systems 119785
Efimov, B.S. *see* Polishchuk, V.L. 102473
Efimov, O.M., Glebov, L.B., Popikov, V.S., Soileau, M.J. Laser-induced damage of glasses by pulsed radiation in nano-picosecond region 116606
Efimov, O.M., Matveev, Yu.A., Mekryukov, A.M. Influence of impurity ions on nonlinear coloration of alkali-silicate glasses 107448
Efimov, O.N., Belov, D.G., Kozub, G.I., Tkachenko, L.I., Krinichnaya, L.P., Petrova, G.N. Laminated composites based on polyacetylene and Al-Mg alloy negative electrode materials for Li rechargeable batteries 112277
Efimov, S., Karnaukhov, I., Kononenko, S., Shcherbakov, A., Tarasenko, A., Zelinsky, A. The dynamical aperture of ISI-800 79962
Efimov, S. *see* Bulyak, E. 80149
Efimov, V.M., Kasperovich, A.N. The characteristics of an output bit sequence of a first-order delta-sigma modulator with a constant input signal 104627
Efimov, V.M., Kasperovich, A.N. Potential accuracy of some measuring circuits 110049
Efimov, V.S. *see* Skuridin, S.G. 110228
Efimov, Yu.P. *see* Abramova, I.N. 62793
Efimovskii, S.V., Kurbasov, S.V., Novichkov, A.V., Pal'chikov, K.K. Influence of the parameters of a Fabry-Perot etalon on the output characteristics of a narrow-band long-optical-pulse XeCl laser 85377
Efland, T., Mei, P., Mosher, D., Todd, B. Self-aligned RESURF to LOCOS region LDMOS characterization shows excellent R_{sp} vs BV performance 105999
Efland, T., Skelton, D., Keller, S., Frank, K., Quang Mai VLSI CMOS fabrication modules combine with power device methods to produce 40 mΩ and 65 mΩ, 7 V logic level P-power FETs 106209
Efland, T. *see* Fowler, T. 104331
Efremenco, E.N. *see* Rainina, E.I. 110239
Efremenko, V.G. *see* Banduryan, B.B. 79519
Efremides, O.B. *see* Bekakos, M.P. 92600
Efremov, S.A. *see* Kamenin, I.G. 67173
Efremow, N.N. *see* Geis, M.W. 73938
Efromovich, S. Nonparametric curve estimation from indirect observations 103551
Efron, A. *see* Seong Rag Kim 78345
Efron, U. *see* Sayyah, K. 106979
Efros, Al.L. *see* Kovalev, D. 94269
Efstathiou, G. *see* Mandolesi, N. 99703
Efstathiou, G. *see* Mandolesi, N. 109844
Efstathiou, G. *see* Smoot, G.F. 99702
Efstathiou, J. *see* Davies, B. 103481
Efstathiou, K. *see* Kalogeras, A. 67759
Efstathopoulos, E.P. *see* Ismailos, E. 90454
Efstratiadis, S.N., Tzovaras, D., Strintzis, M.G. Hierarchical partition priority wavelet image compression 77399
Efstratiadis, S.N. *see* Haris, K. 86529
Eftekhari, G. Thermal stability of rapidly annealed $CoSi_2$/n-GaAs and $CoSi_2$/p-InP Schottky contacts 94584
Eftekhari, G. The influence of rapid thermal annealing and sulfur passivation on the electrical characteristics of anodically grown InSb MOS structures 94617
Eftekhari, G. Rapid thermal annealing behavior of $MoSi_2$/p-Si Schottky contacts formed at various deposition rates 94656
Efthimatos, P., Safacas, A. A critical study on the operational characteristics synchronous motor drive fed via a voltage inverter using a new triggering logic 71776
Egalon, C.O., Mendoza, E.A., Khalil, A.N., Lieberman, R.A. Modeling an evanescent field absorption optical fiber sensor 89134
Egami, C. *see* Ikegaya, K. 85044
Egami, N. *see* Gotoh, K. 94176
Egami, S. Satellite beam coverage requirements in personal satellite communications 78609
Egami, T. *see* Dmowski, W. 75193
Egami, T. *see* Thibado, P.M. 84005
Egan, A., Harley-Stead, M., Rees, P., Lynch, S., McEvoy, P., O'Gorman, J., Hegarty, J. All-optical synchronization of self-pulsating laser diodes 75979
Egan, A., Harley-Stead, M., Rees, P., Lynch, S., O'Gorman, J., Hegarty, J. An experimental and theoretical analysis of jitter in self-pulsating lasers synchronized to periodic electrical signals 65306
Egan, C. *see* Cho, C.P. 81489
Egan, C.J. *see* Orndorff, C.M. 70419
Egan, G.K. *see* Klimovski, D. 120472
Egan, K. *see* McStay, K. 63910
Egan, M.G. *see* Hayes, J.G. 122045
Egan, M.G. *see* O'Donovan, J.G. 112024
Egan, R.J., Clark, A., Kuver, A., Thompson, T.D., Jagadish, C. An AlGaAs/AlAs reflection modulator for visible wavelengths 75590
Egan, R.J., Inglis, H.G., Hill, P., Krug, P.A., Ouellette, F. Effects of hydrogen loading and grating strength on the thermal stability of fiber Bragg gratings 75442
Egan, R.J. *see* Chin, V.W.L. 94543
Egan, R.J. *see* Inglis, H.G. 75457
Egashira, K. *see* Koike, J. 113522
Egashira, K. *see* Matsumoto, T. 74205
Egashira, M., Konno, T., Shinya, N. Powder particle manipulation and assemblage using microprobe 95218
Egashira, M., Shimizu, Y., Takao, Y., Fukuyama, Y. Hydrogen-sensitive breakdown voltage in the I-V characteristics of tin dioxide-based semiconductors 119766
Egashira, M. *see* Kobayashi, M. 113550
Egashira, M. *see* Konno, T. 115379
Egashira, M. *see* Shinya, N. 106282
Egashira, Y., Aita, H., Saito, T., Shimogaki, Y., Komiyama, H., Sugawara, K. Modeling and simulation of blanket chemical vapor deposition of WSi_x from WF_6-Si_2H_6 61362
Egashira, Y. *see* Takahashi, T. 61333
Egawa, H. *see* Nishikawa, K. 78209
Egawa, K. *see* Kikuchi, M. 79980
Egawa, K. *see* Ninomiya, H. 104448
Egawa, S. *see* Fudou, H. 111604
Egawa, S. *see* Fudou, H. 111609
Egawa, T., Ishikawa, H., Jimbo, T., Umeno, M. Optical degradation of InGaN/AlGaN light-emitting diode on sapphire substrate grown by metalorganic chemical vapor deposition 96015
Egawa, T., Misawa, K., Kyono, M. Study of a shunt reactor with transformer function 112158
Egawa, T. *see* Guang Yuan Zhao 61258
Egawa, T. *see* Hasegawa, Y. 107012
Egawa, T. *see* Uchida, H. 104022
Egawa, T. *see* Umeno, M. 103015
Egbert, W.M., III Everyday concerns for engineers regarding intellectual property 60509
Egdell, R.G. *see* Dou, Y. 84094
Egdell, R.G. *see* Rastomjee, C.S. 105567
Ege, T. *see* Koca, A.O. 116875
Egecioglu, O. *see* Andresen, D. 78022
Eged, B., Novak, I., Bajor, P., Valko, A. Investigation of interconnections in digital systems by circuit simulation software 73278
Eged, B., Novak, I., Bajor, P., Valko, A. New time modelling tools for analysis of digital systems 73279
Egelhoff, W.F., Jr., Chen, P.J., Powell, C.J., Stiles, M.D., McMichael, R.D., Lin, C.-L., Sivertsen, J.M., Judy, J.H., Takano, K., Berkowitz, A.E. Growth of giant magnetoresistance spin valves using Pb and Au as surfactants 115863
Egelhoff, W.F., Jr *see* McMichael, R.D. 115632
Egelhoff, W.F., Jr. *see* Nikitenko, V.I. 115633
Egelmeers, G.P.M., Sommen, P.C.W., Alexiu, G.M., Vervoort, C.P.A. Real-time implementation of low delay acoustic echo-canceller on one TMS320C30 DSP 93402
Egemen, A. *see* Beksac, M.S. 120358
Egert, C.M., Rajic, S. Design and fabrication issues in the development of monolithic micro-optical systems 95831
Eggenhoffner, R. *see* Olzi, E. 115906
Eggenhuisen, H., Van Loo, S. Video-on-demand server 98860
Egger, E. *see* Fattibene, P. 120574
Egger, J.R. Manufacturing methods for large microstructured optical components for non-imaging applications 75653
Egger, P., Gieser, H., Kropf, R., Guggenmos, X. ESD monitor circuit–a tool to investigate the susceptibility and failure mechanisms of the charged device model 115268
Egger, P. *see* Musshoff, C. 115222
Eggers, G., Kohl, R. 2 GHz bandwidth predistortion linearizer for microwave power amplifiers at Ku-Band 73676
Eggers, H. Parallel Euclidean distance transformations in $\mathbf{Z}_g^n$ 72418
Eggers, H. Microelectronics: building the next generation 113954
Eggers, M., Hogan, M., Mallik, A., Powdrill, T., McMahon, M., Gangadharan, R., Balch, B., Yang, H., Jamieson, N., Lamture, J. A versatile biochip for gene-based diagnostics 69338
Eggers, P.C.F. Angular dispersive mobile radio environments sensed by highly directive base station antennas 99160
Eggers, R. *see* Menke, F. 69463
Eggerstedt, P. *see* Lee, S.H.D. 102417
Eggert, D.W. *see* Hoover, A. 97881
Eggert, H. *see* Suss, W. 79326
Eggert, M. *see* Eversheim, P.D. 120080
Eggleston, J.M. *see* Halliday, D.P. 94317
Eggleton, B.J., de Sterke, C.M. Nonlinear propagation in superstructure Bragg gratings 96710
Eggleton, B.J., Slusher, R.E., de Sterke, C.M., Krug, P.A. Nonlinear pulse propagation in fibre grating structures 75458
Eggleton, B.J., Stephens, T., Krug, P.A., Dhosi, G., Brodzeli, Z., Ouellette, F. Dispersion compensation over 100 km at 10 Gbit/s using a fiber grating transmission 85032
Eggleton, B.J., Stephens, T., Krug, P.A., Dhosi, G., Brodzeli, Z., Ouellette, F. Dispersion compensation using a fibre grating in transmission 99555
Eggleton, B.J. *see* de Sterke, C.M. 107566
Eggleton, B.J. *see* Krug, P.A. 78701
Eggleton, J. *see* Casaubieilh, F. 82866
Eggli, D.F. *see* Van Slyke, M.A. 110866
Egi, Y. *see* Aizawa, K. 69285
Egi, Y. *see* Hamamoto, T. 69326
Egiazarian, K., Agaian, S., Astola, J. On a parametric family of discrete trigonometric transforms 66982
Egiazarian, K., Kuosmanen, P., Astola, J. Boolean derivatives, weighted Chow parameters, and selection probabilities of stack filters 77031

Egiazarian, K.O., Astola, J.T., Atourian, S.M., Gevorkian, D.Z. Nonlinear filters based on ordering by FFT structure 76958
Egidy, T.von *see* von Egidy, T.
Egilsson, T. *see* Kies, R. 74486
Egilsson, T. *see* Kies, R. 115298
Egitto, F.D. *see* Light, D.N. 114440
Egland, K.M., Mazumder, J. Kinetics and microstructure of laser chemical vapor deposition of titanium nitride 104104
Egle, D.M. *see* Kline, R.A. 60464
Eglen, S. *see* Tate, A.R. 90378
Eglizeaud, J.P. *see* Michal, T. 70597
Egloff, L.R. *see* Baumgart, H. 61642
Egloff, R., Letavic, T., Greenberg, B., Baumgart, H. Evaluation of strain sources in bond and etchback silicon-on-insulator 63157
Egorov, A.M. *see* Osipov, A.P. 110226
Egorov, A.Y. *see* Kop'ev, P.S. 107351
Egorov, A.Y. *see* Schmidt, O.G. 85517
Egorov, A.Yu., Zhukov, A.E., Kop'ev, P.S., Ledentsov, N.N., Maksimov, M.V., Ustinov, V.M., Tsatsul'nikov, A.F., Bert, N.A., Kosogov, A.O., Alferov, Zh.I., Bimberg, D. Formation of vertically aligned arrays of strained InAs quantum dots in a GaAs(100) matrix 114763
Egorov, A.Yu. *see* Brunkov, P.N. 74361
Egorov, A.Yu. *see* Churakov, G.V. 63002
Egorov, A.Yu. *see* Grundmann, M. 105374
Egorov, A.Yu. *see* Kirstaedter, N. 65202
Egorov, A.Yu. *see* Kirstaedter, N. 96397
Egorov, A.Yu. *see* Ledentsov, N.N. 62870
Egorov, A.Yu. *see* Ledentsov, N.N. 63081
Egorov, A.Yu. *see* Schmidt, O.G. 107275
Egorov, N.P. Investigation of the efficiency of radio communications systems with respect to user losses 88088
Egorov, S. *see* Iida, F. 95520
Egorov, S.A., Mamaev, A.N., Likhachiev, I.G. High reliable, self calibrated signal processing method for interferometric fiber-optic sensors 79489
Egorov, S.F. *see* Afanas'ev, A.N. 62471
Egorov, V. *see* Babucke, H. 75581
Egorov, V. *see* Belogurov, S. 100855
Egorov, V.G. *see* Briancon, C. 69880
Egorov, V.G. *see* Brudanin, V.B. 110622
Egorova, N.Yu., Farber, V.E. The nonlinear filtering problem in the presence of anomalous measurements 97723
Eguchi, K. Simulation of chaotic waves in parametrically excited parallel resonant circuit 61585
Eguchi, K., Kayano, M., Kunisa, Y., Arai, H. A study on fuel electrode materials for solid oxide fuel cells 81819
Eguchi, K., Tsukano, K., Inoue, T. A current-mode chaos circuit with return map approximation using supervised learning 114171
Eguchi, K. *see* Inoue, T. 73583
Eguchi, K. *see* Kubo, M. 101311
Eguchi, K. *see* Tachibana, K. 81769
Eguchi, K. *see* Tozaki, T. 101264
Eguchi, K. *see* Ukai, Y. 101265
Eguchi, K. *see* Yano, K. 62656
Eguchi, M., Imura, K., Fuwa, Y., Nakamura, Y. Digital straight line segments in finite topological spaces 98169
Eguchi, M., Koshiba, M., Tsuji, Y. Dispersion compensation based on dual-mode optical fiber with inhomogeneous profile core 116039
Eguchi, M. *see* Imura, H. 77382
Eguchi, M. *see* Kakimoto, K. 82575
Eguchi, M. *see* Kodama, H. 111842
Eguchi, M. *see* Kojima, T. 95908
Eguchi, M. *see* Matsuse, M. 72854
Eguchi, M. *see* Nakao, T. 62030
Eguchi, M. *see* Nomura, T. 108369
Eguchi, M. *see* Yi, K.-W. 113274
Eguchi, N., Tokuda, H., Uemura, S., Hirayama, I., Shimada, R. Variable reactor using solid state phase shifter (compensation for voltage fluctuation) 111567
Eguchi, N. *see* Yoshioka, Y. 71467
Eguchi, S. *see* Matsumoto, T. 100210
Eguchi, T. *see* Furukawa, T. 107690
Eguchi, T. *see* Nakano, K. 119888
Eguchi, T. *see* Nishimura, T.H. 120515
Eguchi, Y. *see* Hara, K. 74158
Egupov, N.D. *see* Trofimov, A.I. 97405
Ehara, N., Sasase, I., Mori, S. Moving target detection by quadrature mirror filter 78960
Ehara, S. *see* Yamamura, T. 81826
Ehara, T. *see* Yeun-Bae Kim 109851
Ehara, Y., Ito, T., Kishida, H., Sakai, T. Discharge luminescence and discharge magnitude in treeing degradation 95289
Ehara, Y., Koizumi, N., Urano, K., Sakai, T., Ito, T. Effect of water on degradation of insulating materials exposed to partial discharge in void 75043
Ehara, Y. *see* Kishida, H. 114495
Ehara, Y. *see* Urano, K. 64045
Ehbets, P., Rossi, M., Herzig, H.P. Continuous-relief fan-out elements with optimized fabrication tolerances 85754
Ehinger, M. *see* Schull, K. 96328
Ehinger, M. *see* Spahn, W. 72788
Ehinger, M. *see* Spahn, W. 92745
Ehlers, C. *see* Xiaoming Wang 106391
Ehlers, D. *see* Algrain, M. 102930
Ehlers, E.M. *see* Jonker, J. 87692
Ehlert, G. Air-core toroidal current transducers 69085
Ehlert, T.C. *see* Wang, S.T. 89474
Ehman, R.L. *see* Yi Wang 101225
Ehmann, R., Burkhardt, M., Wolter, H., Weiland, T. Electromagnetic simulation of a loaded cavity 65955
Ehmann, R., Weiland, T. Broadband farfield calculations for car antennas at different locations 108040
Ehrenberg, D.G. *see* Feggeler, J.C. 78683
Ehrenberg, D.G. *see* Park, Y.K. 78685
Ehrenberger, K. *see* Svozil, K. 97401
Ehrenfeld, J. *see* Lenox, M. 72228
Ehrenfreund, E. *see* Duer, R. 63038
Ehrenreich, H., Flatte, M.E., Grein, C.H. Superlattice IR detectors: a theoretical view 100002
Ehrenreich, H., Grein, C.H., Miles, R.H., Flatte, M.E. Reply to "Comment on 'Temperature limits on infrared detectivities of InAs/$In_xGa_{1-x}Sb$ superlattices and bulk $Hg_{1-x}Cd_xTe$'" 100035
Ehrenreich, H. *see* Grein, C.H. 69159
Ehrentraut, D. *see* Nohavica, D. 103903
Ehrentreich-Forster, E. *see* Bier, F.F. 120271
Ehret, P. *see* Strauss, G. 93884
Ehret, S., Schneider, H. Coupling effects observed in the intersubband photocurrent of photovoltaic double-barrier quantum-well infrared detectors 89099
Ehret, S., Schneider, H., Schonbein, C., Bihlmann, G., Fleissner, J. Analysis of the transport mechanism in GaAs/AlGaAs quantum-well infrared photodetection structures using time resolved photocurrent measurements 94518
Ehret, S. *see* Schneider, H. 69163
Ehret, S. *see* Schneider, H. 89061
Ehrfeld, W. *see* Abraham, M. 74910
Ehrfeld, W. *see* Bauer, H.-D. 106801
Ehrfeld, W. *see* Freimuth, H. 92955
Ehrfeld, W. *see* Hessel, V. 106268
Ehrfeld, W. *see* Picard, A. 112910
Ehrfeld, W. *(editor)* Microsystem Technology for Chemical and Biological Microreactors. Papers of the Workshop on Microsystem Technology 82062
Ehrhardt, A. *see* Ludwig, R. 78784
Ehrhardt, H. *see* Gerber, J. 61353
Ehrhardt, H. *see* Gerber, J. 72912
Ehrhardt, H. *see* Sattel, S. 82753
Ehrhardt, H. *see* Wurzinger, P. 72924
Ehrhart, P. *see* Pollak, R. 114997
Ehrich, M., Kuhlmann, J., Netzler, D., Stohr, C. Time-domain investigation of the transient behaviour of a circular tube two-wire line 65698
Ehrich, M. *see* Reichelt, G.E. 94079
Ehrichs, R., Holland, C., Klenner, G. Customized radiomonitoring from VLF through SHF 88114
Ehrismann, J. *see* van der Kooij, M.W.A. 111080
Ehrke, H.-J. *see* Jahn, E. 96072
Ehrlich, D.J. *see* Bloomstein, T.M. 115114
Ehrlich, J.J. *see* Minnigh, S.W. 96128
Ehrlich, R. *see* Padamsee, H. 100471
Ehrlich, R.B., Miller, J.L., Saunders, R.L., Thompson, C.E., Weiland, T.L., Laumann, C.W. Precision Nova operations 85422
Ehrlich, R.B. *see* Pennington, D.M. 85424
Ehrlichmann, H. *see* Kelly, D.R.C. 100739
Ehrlinger, W. *see* Bischof, W. 104884
Ehrmann, O., Buschick, K., Chmiel, G., Paredes, A., Glaw, V., Reichl, H. 3D multichip module 94146
Ehrmann, S. *see* Althainz, P. 120878
Ehrnberg, E., Jacobsson, S. Managing technological discontinuities–a tentative framework 72163
Ehrstein, J.R. *see* Kim, J.S. 114573
Ehsan, M. *see* Khederzadeh, M. 120961
Ehsani, A.R. *see* Gmitro, A.F. 70093
Ehsani, M., Ramani, K.R. Recent advances in power electronics and applications 61649
Ehsanian, M., Kaminska, B. A BiCMOS wideband operational amplifier with 900 MHz gain-bandwidth and 90 dB DC gain 104364
Ehsanian, M., Kaminska, B. A BiCMOS wideband operational amplifier with 900 MHz gain-bandwidth and 90 dB DC gain 104375
Ehsanian, M., Kaminska, B., Arabi, K. A new digital test approach for analog-to-digital converter testing 104624
Ehwald, K.-E., Sorge, R., Knoll, D., Zeindl, H.P., Tillack, B., Morgenstern, T., Temmler, D. Thermal generation in depleted Si-SiGe-Si-structures, grown by MBE, APCVD and RTCVD and their correlation to the base currents of double mesa HBT's with corresponding blanket epitaxial layers 82665
Ehwald, K.-E. *see* Heinemann, B. 84332
Ehwald, K.E. *see* Knoll, D. 84333
Ei Feihu *see* Feihu Ei
Eibeck, P. Criteria for peer-review of engineering courseware on the NEEDS database 112757
Eibert, T.F., Hansen, V. 3D FEM/BEM-hybrid approach for planar layered media 97218
Eibl, O. *see* Schuster, T. 106674
Eich, M. *see* Vydra, J. 96675
Eich, M. *see* Vydra, J. 107573
Eiche, C., Schwarz, R., Joerger, W., Fiederle, M., Ebling, D.G., Benz, K.W. Nondestructive characterization of Ti-doped and V-doped CdTe by time dependent charge measurement 80143
Eiche, C. *see* Laasch, M. 92669
Eichelberg, M., Cordonnier, E., Piqueras, J., Hewett, A.J., Jensch, P. Experiences in teleradiology using a combination of ATM and ISDN wide area networks 109202
Eichelberger, B.D., III *see* Varshney, U. 115893
Eichen, E. *see* Silver, B. 87623
Eichenbaum, A. *see* Abramovich, A. 96078
Eichenbaum, A. *see* Cohen, M. 96453
Eichenbaum, A.L. *see* Pinhasi, Y. 107029
Eichenberger, C. *see* Sampayan, S. 89780
Eichenberger, P., Jenni, F. Control of a pulse width modulated, mains friendly converter for current DC-link 91670
Eichenholz, J.M. *see* Richardson, M.C. 96234
Eichenlaub, J.B. Development and preliminary evaluation of field-sequential color LCD free of color breakup 89296
Eichenlaub, J.B. A real-time full-resolution autostereoscopic display which produces hologram-like images viewable from a wide angle 89403
Eichenlaub, J.B. Prototype magnified and collimated autostereoscopic displays 100218
Eichenlaub, J.B., Katafiaz, M.E. Autostereoscopy in industry 100220
Eicher, B. *see* Urech, N. 120550
Eicher, S., Bauer, F., Weber, A., Zeller, H.R., Fichtner, W. Punchthrough type GTO with buffer layer and homogeneous low efficiency anode structure 105931
Eicher, S., Bauer, F., Zeller, H.R., Weber, A., Fichtner, W. Design considerations for a 7 kV/3 kA GTO with transparent anode and buffer layer 113725
Eicher, U., Helle, C. Allocating the cost of producing electricity and district heating with cogeneration 91325
Eichholtz, A. Extension of co-operation in Europe: technology of electricity transmission 101778
Eichhorn, A. *see* Schellhorn, M. 96857
Eichhorn, G. *see* Cimalla, V. 103988
Eichhorn, K.D. *see* Moser, H.O. 79772
Eichhorn, K.F., Finke, J. Short-circuit heating of cable screens and diagnosis 70927
Eichhorst, M., Muller, K., Zastrow, H. Cost reduction in electrical machine building–selection factors and product/process combinations 81410
Eichinger, J. *see* Bomer, L. 88368
Eichinger, S. *see* Schienle, M. 68472
Eichinger, S. *see* Wenger, G. 119194
Eichler, H.-J. *see* Kaminskii, A.A. 96190
Eichler, H.J., Haase, A., Baining Liu, Schwartz, J. Phase conjugation for realizing lasers with diffraction-limited beam quality and high average power 116610
Eichler, H.J., Liu, B., Kayser, M., Khomenko, S.I. Er:YAG-laser at 2.94 μm Q-switched by a FTIR-shutter with silicon output coupler and polarizer 75905
Eichler, H.J. *see* Ali Dervis, E. 116721
Eichler, H.J. *see* Antipov, O.L. 116683
Eichler, H.J. *see* Dou, S.X. 116730
Eichler, R. *see* Erdmann, W. 69864
Eichman, D. *see* Kumar, N. 89367
Eichner, D. *see* Fischer, M. 84626
Eichorst, D.J., Baron, C.J. Solution processing of Pt and $La_{0.5}Sr_{0.5}CoO_3$ electrodes for ferroelectric memories 75057
Eichstadt, H.W. *see* Knollmann, F.D. 80350
Eick, T. *see* Machalett, F. 95457
Eick, T. *see* Veith, M. 115884
Eicke, J.G. *see* Della Torre, E. 95376
Eickhoff, H. *see* Muller, F. 121391
Eickhoff, H. *see* Steck, M. 79832
Eickhoff, H. *see* Steck, M. 120074
Eickhoff, H. *see* Winkler, T. 79836
Eickhoff, M.L., MacPherson, D.C. Raman shifting in hydrogen with a Cr:LiSAF pump 96727
Eickmans, J., Leenders, L., Lamotte, J., Dierksen, K., Jacobsen, W. Mastertool: a new dry phototool in the production of printed circuit boards 62485
Eide, A., Lindblad, Th., Lindsey, C.S., Minerskjold, M., Sekhniaidze, G., Szekely, G. An implementation of the Zero Instruction Set Computer (ZISC036) on a PC/ISA-bus card 114175
Eide, A. *see* Szekely, G. 97711
Eide, P., Maybeck, P. An MMAE failure detection system for the F-16 101479
Eide, S.A. *see* Thatcher, T.A. 71089
Eidelberg, B. The linear motor option [to motion control] 71611
Eidelberg, B. Linear motors pass the ruggedness test 102755
Eidensten, L., Yan, J., Svedberg, G. Biomass externally fired gas turbine cogeneration 111794
Eidmann, K. *see* Baumhacker, H. 116308
Eidson, J.C., Woods, S.P. A research prototype of a networked smart sensor system 87889
Eidson, R.R. Solubility classification analysis of airborne uranium products at a uranium conversion facility 80519
Eifrig, R.O. *see* Horne, C. 67452
Eigenmann, B. *see* Moser, H.O. 79772
Eijk, C.A.J.Van *see* Van Eijk, C.A.J.
Eijk, C.W.E.van *see* van Eijk, C.W.E.
Eikelboom, J.A. *see* Leguijt, C. 102983
Eikerling, H.-J., Rosenstiel, W. Automatic structuring and optimization of hierarchical designs 113872
ElKonyaly, E.H., Areed, F., Enab, Y., Zada, F. Range sensory based robot navigation in unknown terrains 88683
Eiland, T.C. *see* Van Andrews, G. 93165

Eilbeck, J. *see* Fletcher, E.J. 96966
Eilenberger, G. *see* Masetti, F. 78317
Eilers, C. NTSC TV receiver performance with upper adjacent channel ATV interference 109864
Eilers, D.L. *see* Pierce, P.E. 83168
Eilts, M.D. *see* Brock, F.V. 90767
Eimeri, D., Rothenberg, J., Key, M., Weber, S., Verdon, C., Skupsky, S., Soures, J., Craxton, S. Configuring NIF for direct drive experiments 85420
Eimerl, D., Chernyak, V.M., Pergament, M.I., Smirnov, R.V., Sokolov, V.I. Phase conjugation in short pulse megajoule class lasers 85613
Eimerl, D. *see* Ditmire, T. 65410
Eimerl, D. *see* Milonni, P.W. 85614
Eimerl, D. *see* Pennington, D.M. 85424
Eimerl, D. *see* Rothenberg, J.E. 85563
Eimermacher, T. Cogeneration as a growth market in Germany 91353
Eimers, G.W. User issues for in-house prototype circuit board fabrication 62468
Eimori, T. *see* Tsukude, M. 73326
Eimori, T. *see* Tsukude, M. 104538
Eimori, T. *see* Yamaguchi, Y. 93358
Eimura, T. *see* Yatsuda, H. 84753
Ein-Eli, Y., Thomas, S.R., Koch, V.R. New electrolyte system for Li-ion battery 121854
Ein-Eli, Y. *see* Aurbach, D. 81660
Einarsson, G., Strandberg, J., Monroy, I.T. Error probability evaluation of optical systems disturbed by phase noise and additive noise 68393
Einat, M., Jerby, E., Shahadi, A. Dielectric-loaded free-electron maser in a stripline structure 96454
Einat, M. *see* Drori, R. 96506
Einat, M. *see* Jerby, E. 107032
Einfeld, D., Schaper, J., Plesko, M. Design of a diffraction limited light source (DIFL) 79865
Einfeld, D. *see* Kashikhin, V. 90059
Einfeld, D. *see* Moser, H.O. 79772
Einfeld, D. *see* Proch, D. 100677
Einfeldt, S. *see* Albert, D. 74204
Einfeldt, S. *see* Behr, T. 72790
Einfeldt, S. *see* Hommel, D. 75944
Einfeldt, S. *see* Kurtz, E. 74207
Einloft, C.M. *see* Costa, E. 97146
Einloft, C.M. *see* Silva Mello, L.A.R. 97145
Eino, M. *see* Haraguchi, Y. 93353
Einspahr, K.L., Seth, S.C., Agrawal, V.D. Improving circuit testability by clock control 93304
Einziger, P.D. *see* Dvir, I. 97052
Eiras, J.A. *see* Negreira, C.A. 106367
Eis, K.E. *see* Azimi-Sadjadi, M.R. 120786
Eisbruch, A. *see* Naida, J.D. 90584
Eisel, R. *see* Wirnitzer, B. 99791
Eisele, H., Chen, C.-C., Munns, G.O., Haddad, G.I. The potential of InP IMPATT diodes as high-power millimeter-wave sources: First experimental results 83371
Eisele, I. *see* Ramgopal Rao, V. 106010
Eisele, I. *see* Rao, V.R. 63742
Eisele, I. *see* Sauter, M. 94912
Eisele, I. *see* Tandon, U.S. 105684
Eisele, I. *see* Zhang, Z. 82671
Eisele, I. *see* Zotov, A.V. 72794
Eisele, J. *see* Aufermann, A. 121786
Eisele, K., Zhang, Z., Hirt, F., Perschke, N. High-speed cameras image flow successfully 79756
Eisele, K. *see* Daleiden, J. 65232
Eisele, K. *see* Ralston, J.D. 96305
Eisele, K.M., Daleiden, J., Ralston, J. Low temperature chemically assisted ion-beam etching processes using Cl_2, CH_3I, and IBr_3 to etch InP optoelectronic devices 84158
Eiselt, M., Jopson, R.M., Stolen, R.H., Derosier, R.M., Vengsarkar, A.M., Koren, U. New method for measuring dispersion-zero variation along a fiber without destroying the fiber 85016
Eisemann, R. *see* Weese, S. 108957
Eisen, E. *see* Ban, J. 69810
Eisen, L. *see* Sanchez, H. 73466
Eisen, Y. *see* Brown, D. 70285
Eisenbeiss, G. *see* Heuell, P. 91239
Eisenberg, D. *see* Fischer, D. 98184
Eisenberg, N. *see* Noach, S. 95910
Eisenberg, N.P., Manevich, M., Klebanov, M., Lyubin, V., Shtutina, S. Fabrication and testing of microlens arrays for the IR based on chalcogenide glassy resists 95912
Eisenhammer, T. *see* Assmann, W. 103035
Eisenhut, C. *see* Gehse, P. 82973
Eisenman, A., Joergensen, J.L., Liebe, C.C. Real sky performance of the prototype Ørsted advanced stellar compass 90736
Eisenmenger, J., Brand, C., Leiderer, P. Microbridge on $YBa_2Cu_3O_{7-\delta}$ thin film patterned by reversible laser annealing 84912
Eisenmenger, W. *see* Bloss, P. 84672
Eisenreich, P. *see* Stott, D.D. 90688
Eisenstadt, W.R. *see* Lowther, R. 93858
Eisenstat, S.C. *see* Ming Gu 92594
Eisenstein, G. *see* Finzi, D. 65177
Eisenstein, G. *see* Margalit, M. 68402
Eisenstein, G. *see* Margalit, M. 107143
Eisenstein, G. *see* Margalit, M. 116417
Eisenstein, G. *see* Shtaif, M. 65238
Eisenstein, G. *see* Shtaif, M. 107306
Eisenstein, G. *see* Shtaif, M. 116479
Eisenstein, J.P. *see* Plaut, A.S. 62987
Eisert, D., Bacher, G., Mais, N., Reithmaier, J.P., Forchel, A., Jobst, B., Hommel, D., Landwehr, G. Gain-coupled distributed feedback lasers in the blue-green spectral range by focused ion beam implantation 75948
Eisert, D. *see* Bacher, G. 62895
Eisfeld, J. *see* Schwenk, J. 76820
Eisner, C. *see* Beer, I. 83081
Eisner, R.L. *see* Di Bella, E.V.R. 101149
Eissa, M.M. Combination of digital protective relaying schemes and automatic reclosing for EHV/UHV lines 102251
Eissa, M.M., Kadar, P. Off-line simulation tools for the investigation of the operation of a new digital relaying scheme 102226
Eissa, M.M., Malik, O.P. A new digital directional transverse differential current protection technique 102233
Eissler, E.E. *see* Luke, P.N. 80075
Eissler, E.E. *see* Lund, J.C. 110575
Eissler, E.E. *see* Parnham, K.B. 100830
Eitel, B. *see* Wolke, K. 105610
Eitel, S. *see* Toet, D. 92789
Eizenberg, M. *see* Eyal, A. 83968
Eizenman, M. *see* Allison, R.S. 120270
Ejaz Haq *see* Jei-Hwan Yoo 73371
Ejim, T.I., Holliday, A., Bader, F.E., Gahr, S. Designed experiment to determine attachment reliability drivers for PBGA packages 92242
Ejim, T.I. *see* Holliday, A. 92235
Ejiogu, E.C., Kawabata, T., Tanno, T. Cage-rotor induction machine axial leakage flux detection by parametric oscillation transducer 111941
Ejiri, M. *see* Mese, M. 98167
Ejiri, Y. *see* Takahashi, N. 95335
Ejnioui, A. *see* Krishna, V. 93497
Ejov, S.B. *see* Krasnobriyji, A.V. 112187
Ejzak, R.P. *see* Chuah, M.C. 108858
Ek, B.A. *see* Guarin, F.J. 72807
Ekanayake, J.B., Jenkins, N. Performance of a three-level advanced static VAr compensator 91025
Ekanayake, J.B., Jenkins, N. Speed of response of a single phase advanced static VAr compensator 101764
Ekanayake, J.B. *see* Tenorio, A.R.M. 70842
Ekanayake, M.M., Premaratne, K. Two-dimensional delta-operator formulated discrete-time systems: analysis and synthesis of minimum roundoff noise realizations 114127
Ekawa, M. *see* Kobayashi, H. 65367
Ekbote, S., Tambe, D., Zaman, P., Dangat, H.K., Khare, M., Sinha, P., Rodd, S., Bukhanwala, N., Vasi, J., Sharma, D.K., Das, A. Simulation of radiation effects in MOSFETs 106011
Ekel, L.Ya. *see* Kalinchik, W.P. 71933
Ekel, P. *see* Popov, V. 102101
Ekeloef, T. *see* Adam, W. 69709
Ekelof, T. *see* Yan Yin 100588
Ekenberg, U. *see* Ferreira, A.C. 62963
Ekenberg, U. *see* Ferreira, A.C. 105400
Eker, I. Multivariable polynomial H_∞ AVR design for synchronous generators 111906
Eker, I., Johnson, M.A. Design and performance requirements for improved AVRs in primary regulation: a review 91475
Ekers, R.D. *see* Staveley-Smith, L. 68796
Ekert, A., Macchiavello, C. Quantum error correction for communication 108106
Ekert, A. *see* Deutsch, D. 108178
Ekholm, E. Measuring with radar in tanks 79757
Ekimov, A. *see* Edamatsu, K. 74303
Ekinci, M., Thomas, B.T. Navigating an autonomous road vehicle in complex road networks 86667
Ekiz, H. *see* Kutlu, A. 77753
Eklov, T. *see* Borjesson, T. 69353
Eklund, A., Gutman, I., Hartings, R. Dust cycle method: fast pollution accumulation on silicone rubber/EPDM insulators 102218
Eklund, B. ISO9000 is no miracle cure [quality assurance] 103471
Eklund, J.-E., Arvidsson, R. A 10 b 120 MSamples/s multiple sampling, single conversion CMOS A/D converter for I/Q demodulator 73489
Eklund, J.-E., Svensson, C., Astrom, A. VLSI implementation of a focal plane image processor–a realization of the near-sensor image processing concept 100148
Eklundh, J.-O., Uhlin, T., Nordlund, P., Maki, A. Developing an active observer 87141
Eknoyan, O. *see* Marx, J.M. 85064
Eknoyan, O. *see* Neurgaonkar, R.R. 116087
Ekrohn, K.E. *see* Geis, M.W. 73938
Ekroot, L., Dolinar, S. A* decoding of block codes 108175
Ekstrand, N. Lossless compression of grayscale images via context tree weighting 86726
Ekstroem, C., Friden, C.J., Jansson, A., Karlsson, J., Kullander, S., Larsson, A., Norman, G. Hydrogen pellet targets for circulating particle beams 69681
Ekstroem, C. *see* Calen, H. 120194
Ekstroem, A. *see* De Oliveira, M.M. 91028
Ekstrom, A. *see* Jiang, Y. 91029
El Achkar, J. *see* Adnan Al-Alaoui, M. 120468
El Alem, F. *see* Nakao, Z. 98342
El Alem Fadlallah Ali, F. *see* Nakao, Z. 108455
El Amrani, M. *see* Mahaut, S. 101616
El Assad, S. *see* Belhadj, Z. 70471
El Assad, S. *see* Saad, A. 68609
El Assad, S. *see* Saad, A. 78962
El Assad, S. *see* Wang, Y. 68577
El Badawy Yehia, S. On fuzzy linear representations of finite groups 113143
El Baz, D. Asynchronous gradient algorithms for a class of convex separable network flow problems 60960
El Bouanani, A.W. *see* Persson, L. 114987
El Bouanani, M. *see* Persson, L. 105730
El Chahal, L. *see* Azizi, A. 75124
El Din, A.S.Zein *see* Zein El Din, A.S.
El Ela, A.H.Abou *see* Abou El Ela, A.H.
El Fakhri, G. *see* Pelegrini, M. 80225
El Feddi, M., Ren, Z., Razek, A., Bossavit, A. Homogenization technique for Maxwell equations in periodic structures 107721
El Fouhaily, T. *see* Kerbaol, V. 120762
El Gamal, A. *see* Yang, D.X.D. 119725
El Gazzar, M.A. *see* Moselhy, A.M. 83349
El Gazzar, M.A. *see* Nassar, A.M. 83198
El Guibaly, F., Sabaa, A., Shpak, D. A new shift-register based ATM switch 88026
El Habti, A., Bastien, F., Bigler, E., Thorvaldsson, T. High-frequency surface acoustic wave devices at very low temperature: application to loss mechanisms evaluation 84755
El Habti, A., Bastien, F., Bigler, E., Thorvaldsson, T. Experimental study of SAW quartz resonators at very low temperature 106410
El Hakimi, A., Le-Huy, H. Network transients: a new approach with model reduction and parallel processing 101754
El Hamchary, H. Optimisation of microstrip antenna 66157
El Harfaoui, M. *see* Sbiaa, R. 115614
El Hassan, B. *see* Guyot, A. 93341
El Hdiy, A. *see* Meinertzhagen, A. 84007
El Hendaoui, H. *see* Jarry, P. 73535
El Idrissi, A.L. *see* Berkouk, E. 102713
El Khadiri, M. *see* Cancela, H. 67604
El Khamlichi, K.D. *see* Chi-Kwong Luk, P. 71792
El Khamy, S. *see* El Zooghby, A.H. 109384
El Khashab, H.A. *see* Eskander, M.N. 91520
El Khoury, S. Design of active microwave filters 93704
El Mahalawy, M.H. *see* Ghoniemy, S. 113925
El Motaleb, M.S.Abd *see* Abd El Motaleb, M.S.
El Nadi, W. *see* Walsh, S. 72190
El Nagdy, K. *see* Qvale, V.B. 121346
El Nokali, M. *see* Adhikari, N. 74699
El Nokali, M.A. *see* Ahn, H. 95072
El Ouazzani, Y., Rioux-Damidau, F., Brunotte, X., Meunier, G. Finite element modeling of unbounded problems: use of a geometrical transformation and comparison with the boundary integral method 65639
El Sayed, K. *see* Bar-Ad, S. 114647
El Sayed, M.A.H. *see* Madkour, M.A. 91152
El Yazidi, M., Himdi, M., Daniel, J.P. Analysis and properties of printed antennas furnished with slots 65988
El Zarki, M. *see* Liu, H. 86587
El Zarki, M. *see* Liu, Z. 118032
El Zarki, M. *see* Luo, W. 86582
El Zarki, M. *see* Visser, M.A. 87851
El Zarki, M. *see* Zhao Liu 88273
El Zooghby, A.H., El Khamy, S., Christodoulou, C. Adaptive antenna arrays for mobile satellite communications 109384
El-Alim, O.A.A. *see* Agrama, E.E. 108590
El-Amroussy, F. *see* Abou-El-Ela, M. 117882
El-Arabaty, A.M. *see* Abdelaziz, A.Y. 101668
El-Arabaty, A.M. *see* El-Hawary, M.E. 70971
El-Arabaty, A.M. *see* Mostafa, M.A. 111466
El-Azeem, M.H. *see* Sobhy, M.I. 66111
El-Azeem, M.H.Abd *see* Abd El-Azeem, M.H.
El-Bachtiri, R., Matagne, E., Labrique, F. Modelling of a ZVS resonant DC-DC converter for operation with freewheeling period 93131
El-Badawy, S. *see* Safwat, A. 70197
El-Badawy El-Sharawy *see* Kokotoff, D.M. 68603
El-Bakry, A.S., Tapia, R.A., Tsuchiya, T., Zhang, Y. On the formulation and theory of the Newton interior-point method for nonlinear programming 72517
El-Bakry, A.S., Tapia, R.A., Zhang, Y. On the convergence rate of Newton interior-point methods in the absence of strict complementarity 82508
El-Diwany, M., McGregor, J., Demirlioglu, E., Huang, R. 1.5 µm analog BiCMOS/DMOS process for medium voltage and current power ICs applications up to 50 V 63967
El-Emawy, A.A. *see* Qiu, Y. 72758
El-Fandi, M. *see* McGhee, J. 93599
El-Gamal, M.A. *see* Abdulghafour, M. 104744
El-Gammal, M.A. Power system stabilizer output feedback design for expanding construction of multimachine system 101892
El-Gazzar, M.A. *see* Nassar, A.M. 82897
El-Gendy, H. Towards an Estelle specification of a European intelligent networks interface for universal personal communications and multimedia communications 67850
El-Gendy, H., Probert, R.L., Abou-Rabia, O. A North American integration of computers and telecommunications IN switches for universal multimedia personal communications, services, and applications 67898
El-Ghaffar, A.S. *see* Shokralla, S.S. 73524
El-Ghandoor, H., Hamed, A.M. A study on spatially extended phase objects using speckle photography 69529

El-Ghazaly, S. *see* Megahed, M. 93800
El-Ghazaly, S.M. *see* Alsunaidi, M.A. 73737
El-Ghazaly, S.M. *see* LaRocca, T.R. 85939
El-Ghazaly, S.M. *see* Megahed, M.A. 114202
El-Ghazaly, S.M. *see* Reyes, A.C. 62392
El-Ghazaly, S.M. *see* Reyes, A.C. 83469
El-Ghazaly, S.M. *see* Reyes, A.C. 114188
El-Ghazaly, S.M. *see* Sohel Imtiaz, S.M. 93809
El-Ghazawi, T. *see* Nastea, S.G. 86231
El-Guibaly, F. *see* Abdel-Raheem, E. 86201
El-Guibaly, F. *see* Abdel-Raheem, E. 114096
El-Guibaly, F. *see* Almulhem, A. 98408
El-Hage, N. *see* Le Roux, B.T. 103206
El-Hajj, A., Kabalan, K.Y., Rayes, A. Three-dimensional characteristic mode formulation of the cavity-backed aperture problem 76330
El-hami, M. Application of decision support systems to power distribution system planning 102120
El-Hang Lee, Kyoungwan Park, Seongjae Lee Nanoscale semiconductor quantum structures for novel electronic and photonic applications 106101
El-Hang Lee *see* Hak Kyu Lee 88568
El-Hang Lee *see* Ho Hyung Suh 87238
El-Hang Lee *see* Jong-Sool Jeong 95738
El-Hang Lee *see* Kyong Hon Kim 65079
El-Hang Lee *see* Kyong Hon Kim 65103
El-Hang Lee *see* Kyoung Wan Park 94536
El-Hang Lee *see* Kyoungwan Park 105294
El-Hang Lee *see* Min-Yong Jeon 65073
El-Hang Lee *see* Min-Yong Leon 65101
El-Hang Lee *see* Sang-Don Jung 64863
El-Hang Lee *see* Seong-Ju Park 61208
El-Hang Lee *see* Young-Wan Choi 85208
El-Hawary, F. *see* Mbamalu, G.A.N. 101685
El-Hawary, F. *see* Talaq, J.H. 102424
El-Hawary, M.E., Mostafa, M.A., El-Arabaty, A.M., Mansour, M.M., El-Naggar, K.M. A study of estimation techniques for frequency-relaying applications [power system protection] 70971
El-Hawary, M.E. *see* King, R.L. 92093
El-Hawary, M.E. *see* Mbamalu, G.A.N. 101685
El-Hawary, M.E. *see* Mostafa, M.A. 111466
El-Hawary, M.E. *see* Soliman, S.A. 102259
El-Hawary, M.E. *see* Talaq, J.H. 102424
El-Hefnawi, F.M. Frequency perturbation for a circular array of coupled cylindrical dipole antennas 76636
El-Henaoui, S., Coelho, R., Tohme, S. A bandwidth allocation protocol for MPEG VBR traffic in ATM networks 87355
El-Hilo, M. *see* Hancock, C.P. 106481
El-Hoiydi, A. *see* Finean, R.J. 88186
El-Jaroudi, A. *see* Coit, D.W. 73865
El-Kader, K.M.A., Borusik, O., Chvoj, Z., Ulrych, I., Oswald, J., Pelant, I., Stuchlik, J., Chab, V., Kocka, J., Dyer, T.E., Marshall, J.M. The influence of preparation conditions on the photoluminescence spectra of light-emitting Si prepared by laser pulse irradiation of a-Si:H 94319
El-Kadry, N., Ahmed, M.F., Abdel Hady, K. Effect of deposition parameters on the optical absorption in thermally evaporated cadmium telluride thin films 83842
El-Kadry, N. *see* Ashour, A. 105172
El-Kareh, A.B. Testing PCBs with electron beams 114424
El-Keib, A.A. *see* Nims, J.W. 121538
El-Khamy, S.E., Ismail, N.H., Botros, Y.Y. An extended dynamic predictive deconvolution technique for inverse scattering of inhomogeneous dielectric media with arbitrary profiles 65797
El-Khatroushi, H. *see* Lo, K.L. 102656
El-Khier, A.A.Abou *see* Abou El-Khier, A.A.
El-Kishky, H., Gorur, R.S. Electric field computation on an insulating surface with discrete water droplets 91207
El-Kishky, H., Gorur, R.S. Electric field and energy computation on wet insulating surfaces 121197
El-Korashy, A., El-Zahed, H., Osman, M., Abdalla, A. Influence of γ-irradiation on the optical and electrical properties of $Se_{(0.85)}Te_{(0.15)}$ films 74291
El-Kordy, M. *see* Taha, T.E. 84760
El-Licy, F.A. *see* Abdel-Aty-Zohdy, H.S. 89185
El-Mahy, M.K., White, B.A. Improved three-dimensional target tracking using Kalman filters 97854
El-Mansy, Y.A. High performance processor technology 104584
El-Mashade, M.B. *see* Al-Hussaini, E.K. 78966
El-Masry, E. *see* Wu, J. 93576
El-Masry, E.I. *see* Abou-Allam, E. 104374
El-Masry, E.I. *see* Hong-Kui Yang 83187
El-Masry, E.I. *see* Maundy, B.J. 93564
El-Masry, E.I. *see* Toole, W.H. 104410
El-Masry, N.A. *see* Johnson, M.A.L. 72776
El-Masry, N.A. *see* Johnson, M.A.L. 82694
El-Menshawy, F. *see* Simao, J.M. 82024
El-Metwally, K.A., Malik, O.P. Application of fuzzy logic stabilisers in a multimachine power system environment 70750
El-Metwally, K.A., Malik, O.P. Implementation of a fuzzy logic PSS using Intel 8051 micro-controller 101886
El-Nady, N.M. *see* Al-Sayed, H.A. 77739
El-Nagar, K.M. *see* Mostafa, M.A. 111466
El-Naggar, K.M. *see* El-Hawary, M.E. 70971
El-Naqa, I.M., Mismar, M.J., Zabalawi, I.H. Estimation of coronary artery dimensions by median filtering approach 101207
El-Raheem, M.M.A. Dependence of dc conductivity and thermoelectric power of CdTe on kind of dopant and temperature 74270
El-Ramly, S.H. *see* Al-Sayed, H.A. 77739
El-Ratel, F. *see* Krugger, B. 84000
El-Refai, F.E., Hariharan, M.V., Agarwal, M.S. Computer simulation of switching surges in HV motors using probabilistic techniques 81388
El-Refai, F.E., Hariharan, M.V., Agarwal, M.S. Computer simulation of switching surges in HV motors using probabilistic techniques 111882
El-Refai, F.E. *see* Agarwal, M.S. 81439
El-Saadawy, H. The impact of DGPS on land, marine and air navigation in Egypt 79072
El-Saady, G., Sharaf, A.M., Makky, A., El-Sherbiny, M.K., Mohamed, G. A fuzzy logic self tunable scheme for speed control of integral-cycle asynchronous motor drives 81937
El-Said, M. *see* Abu Saa, M. 114793
El-Saigh, A.I., Macario, R.C.V. A review of anti-multipath techiques, past and present 78355
El-Samahy, A.El-Shakour M. *see* El-Shakour M. El-Samahy, A.
El-Sayed, M.A. *see* Cai, L. 114856
El-Sayed, M.A.H., Hinz, H.-J. Composite reliability evaluation of interconnected power systems 121012
El-Sayed, M.A.H. *see* Safar, Y.A. 102214
El-Sayed Abdo, A. *see* Bashter, I.I. 71096
El-Serafi, A.M. *see* Faried, S.O. 71232
El-Shahat, M.M.M. *see* Stroev, V.A. 101903
El-Shahawy, M.A., Mansour, A.F. Optical properties of some luminescent solar concentrators 75708
El-Shakour M. El-Samahy, A., Anis, W.R. Microprocessor based control of photovoltaic cathodic protection system 121887
El-Shakour M. El-Samahy, A. *see* Anis, W.R. 121401
El-Shakour M. El-Samahy, A. *see* Anis, W.R. 122091
El-Shall, M.S. *see* Jonsson, B.J. 64268
El-Sharawy, E.-B. *see* Elshafiey, T.F. 83310
El-Sharawy, E.-B. *see* Ghouz, H.H.M. 73781
El-Sharawy, E.-B. *see* Ghouz, H.H.M. 92203
El-Sharawy, E.A. *see* Yildirim, B.S. 85987
El-Sharawy El-Badawy *see* El-Badawy El-Sharawy
El-Sharkawi, M.A. *see* Akiyama, M. 112440
El-Sharkawi, M.A. *see* Huang, T.C. 81451
El-Sharkawi, M.A. *see* Streifel, R.J. 81391
El-Sharkawy, M., Bansal, A., Analoui, M., Gundrum, H. Fast pruned dental caries classifiers 101092
El-Sharkawy, M., Eshmawy, W. Pruned discrete cosine transform algorithms for image compression 98126
El-Sharkawy, M., Eshmawy, W. A fast 8×8 pruned DCT algorithm 108580
El-Sharkawy, M., Eshmawy, W., Reid, K. A DSP96000 automatic inspection system for printed circuit boards 94043
El-Sharkawy, M., Sharma, N., Gundrum, H. Blocking artifacts reduction for image compression algorithms 97965
El-Sharkawy, M. *see* Meyer, B. 86595
El-Shazly, A.A. *see* Hady, D.A. 74305
El-Shazly, E.A. *see* Hady, D.A. 74305
El-Shennawy, K. Effect of frequency tolerance and temperature response on the performance of surface acoustic wave sensor 110090
El-Sherbiny, M.A. *see* Khanh, N.Q. 94707
El-Sherbiny, M.K., Ibrahim, E.A. Design of a minimum sensitivity controller for a power system under different operating conditions taking into account the effect of local load characteristics 111487
El-Sherbiny, M.K. *see* El-Saady, G. 81937
El-Sherief, A.Y. *see* Saleh, M.B. 95050
El-Sherief, H. *see* Simon, D. 66837
El-Sulaiman, A.A., Qureshi, M.I. Effect of additives on the performance of cable oil and kraft paper oil composite 121152
El-Tanany, M.S. *see* Chini, A. 98693
El-Tarhuni, M.G., Sheikh, A.U.H. MSE tracking performance of DS/SS code tracking scheme using an FIR adaptive filter 99119
El-Tarhuni, M.G., Sheikh, A.U. Adaptive synchronization for spread spectrum systems 109428
El-Turky, F.M. *see* Antao, B.A.A. 61696
El-Wahed, A.K. *see* Stanway, R. 104196
El-Zahed, H. *see* El-Korashy, A. 74291
Ela, A.H.Abou El *see* Abou El Ela, A.H.
Elabd, H., Sayed, A., Laxson, D. Platinum silicide: Charge sweep sensor for time delay and integrated operation 69294
Elahi, A. A fault tolerant indexed 5B/6B code 108136
Elajmi, M., Baudrand, H., Amalric, J.-L. Influence of metallic walls surrounding the patch on the directivity and radiation pattern 66062
Elam, W.T. *see* Kemner, K.M. 64452
Elango, P., Arkwright, J.W., Chu, P.L., Atkins, G.R. Low-power all-optical broad-band switching device using ytterbium-doped fiber 88608
Elango, P. *see* Arkwright, J.W. 75459
Elangovan, P. Quality assurance of purchased parts to reduce incoming inspection 112997
Elangovan, S., Hartvigsen, J., Khandkar, A. Progress in the planar CPn SOFC system design 81762
Elangovan, S. *see* Mendiola, M.C. 70901
Elangovan, S. *see* Milliken, C. 81853
Elangovan, S., Sr. *see* Waikar, D.L. 102247
Elaraby, E.E. *see* Sallam, A.A. 80821
Elashvili, Z.M. *see* Petriashvili, G.Sh. 100089
Elasser, A., Parthasarathy, V., Torrey, D.A. A study of the internal device dynamics of punch-through and nonpunch-through IGBTs under zero-current switching 63685
Elasser, A., Schutten, M.J., Vlatkovic, V., Torrey, D.A., Kheraluwala, M.H. Switching losses of IGBTs under zero-voltage and zero-current switching 115184
Elasser, A., Torrey, D.A. Soft switching active snubbers for DC/DC converters 112053
ElAyadi, M.H., Mamdouh, A., Basiony, A.E. An algorithm for global optimization of distributed multiple-sensor detection systems using Neyman-Pearson strategy 97740
Elazar, J. *see* Nikolic, P.M. 83827
Elazar, J. *see* Nikolic, P.M. 94323
Elbakian, S.S. *see* Amatuni, A.T. 79895
Elbakyan, S.S. *see* Khachatryan, A.G. 110487
Elbaum, R., Sidi, M. Topological design of local-area networks using genetic algorithms 118485
Elbe, A. *see* Polyakov, V.M. 94366
Elber, J.W. *see* Bird, D.J. 110586
Elbert, M., Mpagazehe, C., Weyant, T. Stress testing and reliability 60582
Elbs, H. *see* Meiners, J.C. 105747
Elbuluk, M. *see* Langovsky, N. 121714
Elbuluk, M. *see* Oppenheimer, M. 121699
Elbuluk, M.E., Kankam, M.D. Potential starter/generator technology for future aerospace application 120635
Elbuluk, M.E. *see* Mir, S. 71761
Elby, S. *see* Dixit, S. 77591
Elcan, A. *see* Youngho Lee 98523
Elchouemi, A. *see* Abu-Shama, E. 73324
Elcrat, A.R., Chenglie Hu Determination of surface and interior cracks from electrostatic measurements using Schwarz-Christoffel transformations 93008
Eldada, L., Chengzeng Xu, Stengel, K.M.T., Shacklette, L.W., Yardley, J.T. Laser-fabricated low-loss single-mode raised-rib waveguiding devices in polymers 85052
Eldada, L. *see* Liu, Y.S. 116287
Eldada, L. *see* Scarmozzino, R. 88485
Eldada, L. *see* Yardley, J.T. 85045
Eldada, L. *see* Yardley, J.T. 106839
Eldeib, H. *see* Elsadek, H. 96845
Elden, L., Park, H. Perturbation and error analyses for block downdating of a Cholesky decomposition 61012
Elden, L., Sjostrom, E. Fast computation of the principal singular vectors of Toeplitz matrices arising in exponential data modelling 86189
Elden, W.L. Curtailment of ethical harassment of engineers 103528
Elder, J.H., Zucker, S.W. Computing contour closure 67252
Elder, J.H., Zucker, S.W. Local scale control for edge detection and blur estimation 67278
Elder, J.H., Zucker, S.W. Scale space localization, blur, and contour-based image coding 86367
Elder, J.S. *see* McClure, M. 71462
Elder, S. *see* Burnett, R. 71311
Elder, S.C. *see* Beattie, R.S. 68715
Elder, S.C. *see* Beattie, R.S. 68723
Elders, I.M., Burt, M., McDonald, J.R., Spiller, J., Brooks, D., Samwell, R. Evolutionary development of an intelligent system for power network operator assistance 111478
Elders-Boll, H., Schotten, H.D., Busboom, A. Mismatched-filtering of concatenated spreading sequences for approximately synchronized CDMA-systems 118985
Elders-Boll, H. *see* Schotten, H.D. 108815
Eldhuset, K. An automatic ship and ship wake detection system for spaceborne SAR images in coastal regions 88706
Eldracher, M. *see* Schmidhuber, J. 66943
Eldridge, B. *see* Funda, J. 80410
Eldridge, C., Ling, P. Reductions in harmonic current and voltage distortion equate to lowering operational costs 90922
Eldridge, G.W. *see* Adam, J.D. 83307
Eldridge, G.W. *see* Sriram, S. 62235
Eleani, C. *see* Hayakawa, Y. 92666
Eleftheriades, G.V., Le Pezennec, H., Mosig, J.R. A fast and rigorous CAD procedure for complex shielded planar circuits 93886
Eleftheriades, G.V. *see* Filipovic, D.F. 68792
Eleftheriadis, A., Anastassiou, D. Meeting arbitrary QoS constraints using dynamic rate shaping of coded digital video 118210
Eleftheriou, E., Hirt, W. Improving performance of PRML/EPRML through noise prediction 117395
Eleftherlades, G.V., Mosig, J.R., Guglielmi, M. An efficient mixed potential integral equation technique for the analysis of shielded MMICs 104872
Elenbogen, L.P. *see* Sheen, D.R. 109768
Eles, P., Zebo Peng, Kuchcinski, K., Doboli, A. Hardware/software partitioning of VHDL system specifications 113684
Elesin, V.F., Mel'nikov, D.V., Podlivaev, A.I. Generation and amplification region in resonant-tunneling diodes 63566

Elesin, V.F., Melnikov, D.V., Podlivaev, A.I. High-frequency characteristics of resonant tunneling diodes 63580
Elesin, V.V. *see* Gromov, D.V. 105889
Elewa, T. *see* Cristoloveanu, S. 114829
Eley, C. *see* Ali, M. 75042
Eleyan, N. *see* Bobbio, S. 106287
Eleyan, N. *see* Goodwin-Johansson, S. 74981
Elezzabi, A.Y., Freeman, M.R. Ultrafast magneto-optic sampling of picosecond current pulses 79278
Elfadel, I. *see* Telichevesky, R. 113664
Elfayoumy, M.K. *see* Abbasy, N.H. 102436
Elfbaum, G.M. *see* Fowler, K.A. 119879
Elfimov, O.V. *see* Vakulenko, O.V. 106476
Elfouhaily, T., Chapron, B. A physically-based two-scale electromagnetic model for backscatter from ocean-like surfaces 120823
Elfouhaily, T., Chapron, B. A comparison of wind wave spectra used in ocean remote sensing modeling 120825
Elfouhaily, T., Chapron, B., Kerbaol, V., Gourrion, J., Tournadre, Katsaros, K., Brest, I.C.D., Vandemark, D. Dependence of altimeter returns on wind stress and wave age 120805
Elgaid, K., Edgar, D., Ferguson, S., Broadfoot, S., Taylor, M., Beaumont, S. Compact low loss coplanar waveguide to slotline transition for MMMIC applications 104858
Elgar, B. Public roadway amenity security lighting 81997
Elgazzar, S. *see* Petriu, E.M. 108349
Elgendy, H., Abou-Rabia, O. Automated derivation of test sequences for protocols and software specified in LOTOS 118489
Elgered, G. *see* Dodson, A.H. 76418
Elghazaly, H.A. *see* Adly, A.A. 96917
Elgin, J.N. *see* Darkins, S.M. 65459
Elhakeem, A.K., Kadoch, M., Ning Zhou, Murthy, M.S. Congestion control in signalling free hybrid ATM/CDMA satellite network 88448
Elhakeem, A.K. *see* Kanj, K. 88285
Elhakeem, A.K. *see* Talla, M. 77604
Elhamri, S. *see* Redwing, J.M. 94475
Elhassan, B. *see* Boutamine, H. 73224
Elhennawy, H. *see* Safwat, A.M.E. 62354
Elia, C. *see* Caire, G. 88865
Elia, C. *see* Franchi, A. 88803
Elia, C. *see* Olsen, P. 78633
Elia, D. *see* Antinori, F. 120156
Elia, D. *see* Simone, S. 69783
Elia, M. *see* Interlando, J.C. 76802
Elias, A. *see* Rodriguez, A. 99662
Elias, H. *see* Diekmann, V. 70001
Elias, J. *see* Khan, A. 71549
Elias, J.G. *see* Northmore, D.P.M. 93650
Elias, L.R. *see* Kimel, I. 107385
Elias, L.R. *see* Tesch, P.P. 107376
Elias, P. *see* Cambel, V. 79375
Elias, P.J.H., van der Meijs, N.P. Including higher-order moments of RC interconnections in layout-to-circuit extraction 74789
Elias, P.J.H., Van Der Meijs, N.P. Extracting circuit models for large RC interconnections that are accurate up to a predefined signal frequency 84561
Elias, P.J.H. *see* Smedes, T. 84543
Elias, R. *see* Padua, M. 101913
Eliashevich, I. *see* Yi, H.J. 75941
Eliasson, A. Utilizing head-up display technology in an RTI application 100209
Eliasson, B. *see* Samuelsson, O. 101968
Eliat, A., Yan, B., Adriaenssens, G.J., Bezemer, J. Time-of-flight and post-transit spectroscopy of a-Si$_{1-x}$C$_x$:H alloys 94573
Elicson, G.T. *see* Plys, M.G. 81282
Elie, F. *see* Assoum, A. 73608
Elie, F. *see* Assoum, A. 104774
Eliel, E.R. *see* Auerhammer, J.M. 76181
Eliezer, S. *see* Baer, A. 75804
Eliezer, S. *see* Moshe, E. 110383
Elings, V. *see* Babcock, K. 84820
Elinson, M.I. *see* Balkarei, Yu.I. 62098
Elinson, M.I. *see* Stepanov, G.V. 85261
Elisa, M. *see* Rogojan, R. 95634
Eliseev, P.G., Drakin, A.E. Self-distribution of the current in laser diodes and its possible use for reducing the optical nonlinearity of the active medium 65336
Eliseev, P.G., Osinski, M., Phillips, B.S., Pei-Chih Chiu, Mohs, G., Fluegel, B., Giessen, H., Peyghambarian, N. Impurity-related photoluminescence from InGaN LED material 64973
Eliseev, P.G., Smagley, V.A., Perlin, P., Sartori, P., Osinski, M. Analysis of impurity-related blue emission in Zn-doped GaN/InGaN/AlGaN double heterostructure 96034
Eliseev, P.G. *see* Akimova, I.V. 96363
Eliseev, P.G. *see* Osinski, M. 96331
Eliseev, P.G. *see* Perlin, P. 107006
Eliseev, S.A. *see* Abramova, I.N. 62793
Eliseev, V.V. *see* Letin, V.A. 120632
Eliyahu, D., Salvatore, R.A., Yariv, A. Noise characterization of a pulse train generated by actively mode-locked lasers 96172
Elizarov, A.A., Pchel'nikov, Yu.N. Analysis of radio wave measuring transducers in slow wave systems 89008
Elizarov, A.A. *see* Pchelnikov, Yu.N. 79761
Elizarov, S.V. *see* Mineev, Yu.V. 110975
Elizondo, J. *see* Sampayan, S. 89616
Elizondo, J. *see* Sampayan, S. 89780
Elkatib, M. *see* Chakraborty, J. 120256
Elkenbracht-Huizing, M. A multiple polynomial general number field sieve 103732
Elkin, N.N. *see* Glova, A.F. 85378
Elkin, N.N. *see* Vysotskii, D.V. 107412
Elkind, A. *see* Barsoum, M.W. 62377
Elkins, M.A., Fieselman, C.D. Component solderability evaluation for no-clean wave soldering 94063
Elkins, T.J. *see* Earp, S.L. 109766
Elkins, T.J. *see* Earp, S.L. 111424
Elko, G.W. Microphone array systems for hands-free telecommunication 67993
Elkouh, A.F. *see* Nambisan, B.U. 83590
Elkouny, A.A. *see* Zaki, M. 86147
Elkow, K.J., Rezkallah, K.S. Void fraction measurements in gas-liquid flows using capacitance sensors 99951
Ell, P.J. *see* Bouyoucef, S.E. 80253
Elleaume, P. *see* Chavanne, J. 89789
Ellenberger, C., Waller, B., Sohn, J.E., Ray, U., Gordon, H., Schubert, B., Heideman, V., Rosser, J., Clark, B., Becka, G. Residue levels and electrical performance of water-washable fluxes in a production environment [PCB manufacture] 94088
Ellenberger, C. *see* Schubert, B. 94087
Eller, V.A. *see* Baranov, N.V. 116363
Ellerthorpe, S. Effects of software speed-control algorithms on low-cost six-step brushless DC drives 91795
Ellervee, P. *see* Oberg, J. 93601
Ellervee, P. *see* Svantesson, B. 98407
Elliman, R.G. *see* Jiang, H. 105453
Elliman, R.G. *see* Jones, K.S. 62680
Elliman, R.G. *see* Jones, K.S. 74388
Ellin, H.C., Solymar, L. Light scattering in bismuth silicate: matching of experimental results 107509
Ellinas, G. *see* Antoniades, N. 109658
Ellinas, G. *see* Bala, K. 88052
Ellinas, G. *see* Chang, G.K. 109662
Ellinas, G. *see* Gee-Kung Chang 78915
Elliot, C. *see* Miley, G.H. *(editor)* 92032
Elliot, D. *see* Lafontaine, H. 82636
Elliot, J. *see* Sharp, R.C. 75856
Elliot, J. *see* Sharp, R.C. 116414
Elliot, S.R. Real-time mobile EFTPOS: challenges and implications of a world first application 118914
Elliot, T.L., III Brand management: what's in store? [telecommunications] 118196
Elliott, C.M. *see* Blowey, J.F. 61120
Elliott, C.T. Advanced heterostructures for InSb and Hg$_{1-x}$Cd$_x$Te detectors and emitters 65179
Elliott, C.T. *see* Ashley, T. 79412
Elliott, J.P., Fallon, M., Walton, A.J., Stevenson, J.T.M., O'Hara, A. A test structure for the measurement of planarisation 115305
Elliott, J.P., Walton, A.J., Allan, G.A. The automatic generation of conformal 3D data for simulation of IC interconnect parasitics and representation of MEM structures 84544
Elliott, J.W. *see* LaFrate, P.J., Jr. 81246
Elliott, L. *see* Subramanian, S. 110638
Elliott, L. *see* Vishnuvajjala, R.V. 110922
Elliott, M. *see* Clark, S.A. 84206
Elliott, R. *see* Monahan, K. 115079
Elliott, R.L. *see* Brock, F.V. 90767
Elliott, S., Badger, M., Brown, K., Griffin, P., Jackson, J., Knavel, B., Orsborn, A., Razumny, A.M., Treuer, P., Ulmer, F., Ward, R. Alaska: defining connectivity and access in an expansive state 118322
Elliott, S.R., Abdurashitov, J.N., Bowles, T.J., Cherry, M.L., Cleveland, B.T., Daily, T., Davis, R. Jr., Gavrin, V.N., Girin, S.V., Gorbatchev, V.V., Gusev, A.O., Kalikhov, A.V., Khairnasov, N.G., Karaulov, V.N., Knodel, T.V., Kornoukhov, V.N., Khomyakov, Yu.S., Lande, K., Lee, C.K., Levitin, V.L., Maev, V.I., Mirmov, I.N., Nazarenko, P.I., Nico, J.S., Pshukov, A.M., Shalagin, A.M., Shikhin, A.A., Shkol'nik, V.S., Skorikov, N.V., Teasdale, W.A., Veretenkin, E.P., Vermul, V.M., Wark, D.L., Wildenhain, P.W., Wilkerson, J.F., Yants, V., Zatsepin, G.T., Zvonarev, A.V. Preliminary results from the Russian-American gallium experiment Cr-neutrino source measurement 80104
Elliott, S.R. *see* Kawaguchi, T. 83872
Elliott, S.T. *see* Blouke, M.M. 100119
Ellis, A.D. *see* Altuncu, A. 107150
Ellis, A.D. *see* Gu, X. 109677
Ellis, A.D. *see* Laming, R.I. 78820
Ellis, A.D. *see* Lob, W.H. 99578
Ellis, A.D. *see* Loh, W.H. 78712
Ellis, A.D. *see* Loh, W.H. 88653
Ellis, A.D. *see* Moodie, D.G. 78707
Ellis, A.D. *see* Richardson, D.J. 68365
Ellis, A.D. *see* Shan, X. 65099
Ellis, A.D. *see* Street, M.W. 116566
Ellis, E.K. Site noise measurements isolate reception problems 78374
Ellis, G. *see* Meade, R.C. 103167
Ellis, J. *see* Paul, M.T. 89148
Ellis, K.A., Buhrman, R.A. The removal of nitrogen during boron indiffusion in silicon gate oxynitrides 84047
Ellis, K.K. Polarimetric bidirectional reflectance distribution function of glossy coatings 95925
Ellis, M. *see* Baber, G. 70983
Ellis, N. *see* Bindra, R. 90209
Ellis, N. *see* Bindra, R. 100949
Ellis, N. *see* Ristau, D. 107433
Ellis, R. *see* Dolny, G. 69396
Ellis, R. *see* Weber, E. 102001
Ellis, R.G. *see* de Lima, A.F.M.M. 112624
Ellis, S. *see* Shapiro, A. 90798
Ellis, T.J., Rebeiz, G.M. MM-wave tapered slot antennas on micromachined photonic bandgap dielectrics 97316
Ellis, T.J. *see* Brock-gunn, S. 97986
Ellis, T.J. *see* Walcott, P.A. 87062
Ellis-Monaghan, J.J., Hulfachor, R.B., Kim, K.W., Littlejohn, M.A. Ensemble Monte Carlo study of interface-state generation in low-voltage scaled silicon MOS devices 74726
Ellison, A. *see* Kordina, O. 103913
Ellison, C.M. Establishing identity without certification authorities 117225
Ellison, G.N. Thermal analysis of microelectronic packages and printed circuit boards using an analytic solution to the heat conduction equation 60602
Ellison, G.N. Thermal analysis of circuit boards and microelectronic components using an analytical solution to the heat conduction equation 103447
Ellison, J.A., Sen, T. Transverse beam dynamics with noise 120053
Ellison, J.A. *see* Sen, T. 100777
Ellison, J.A. *see* Sen, T. 120015
Ellison, J.G. *see* Schuh, R.E. 85018
Ellison, M. *see* Kang, X. 89843
Ellison, M. *see* Liu, J.Y. 79891
Ellison, M. *see* Liu, J.Y. 89882
Ellison, M. *see* Pei, A. 89976
Ellison, M. *see* Pei, A. 100653
Ellison, M. *see* Pei, A. 100654
Ellison, M. *see* Riabko, A. 89997
Ellison, M. *see* Wang, L. 89881
Ellison, T. *see* Jones, W.P. 100575
Ellison, T.J.P. *see* Caussyn, D.D. 119984
Ellison, T.J.P. *see* Phelps, R.A. 119990
Ellison, W. Central, Eastern Europe mark progress in emissions control 111775
Ellithy, K.A. *see* Salim, G.A. 70659
Ellner, P.M., Woodworth, J. A maturity metric for accelerated testing of complex subsystems and assemblies 60573
Elloumi, K. *see* Melhem, W. 121666
Elloumi, O., Afifi, H., Toutain, L. Issues in multimedia scaling: the MPEG video streams case 87933
Ellrodt, P. *see* Auer, U. 106083
Ellrodt, P. *see* Daumann, W. 104853
Ellul, J.P. *see* Boyd, J.M. 63361
Elmakis, D. *see* Levitin, G. 70868
Elmakis, D. *see* Levitin, G. 91147
Elmakis, D. *see* Levitin, G. 102121
Elmakis, D. *see* Levitin, G. 121110
Elman, U., Baozhu Luo, Kroll, S. Influence of laser phase and frequency fluctuations on photon-echo data erasure 106770
Elmas, C., Zelaya-De La Parra, H. Application of a full-order extended Luenberger observer for a position sensorless operation of a switched reluctance motor drive 121979
Elmas, C. *see* Golak, I. 81443
Elmasry, M.I. *see* Abu-Khater, I.S. 113848
Elmasry, M.I. *see* Elrabaa, M.S. 63965
Elmasry, M.I. *see* Farag, E.N. 93484
Elmasry, M.I. *see* Gu, R.X. 61706
Elmasry, M.I. *see* Zhang, D. 73601
Elmer, J.W. The Basel Convention: effect on the Asian secondary lead industry 112250
Elmgren, K. *see* Ringbom, A. 69874
Elmgren, K. *see* Ringbom, A. 80134
Elmiger, J.R., Kunst, M. Investigation of charge carrier injection in silicon nitride/silicon junctions 84027
Elmirghani, J.M.H. Data transmission through chaotic perturbation and associated security issues 67659
Elmirghani, J.M.H. Data communication via chaotic encoding and associated security issues 76764
Elmirghani, J.M.H., Cryan, R.A., Milner, S.H. Performance of a novel echo cancellation strategy based on chaotic modulated speech 66604
Elmirghani, J.M.H. *see* Hussain, A. 116955
Elmirghani, J.M.H. *see* Milner, S.H. 86125
Elmore, D. *see* Mueller, K.A. 79787
Elmore, M.S. Input current ripple cancellation in synchronized, parallel connected critically continuous boost converters 71417
Elmquist, R.E. *see* Jeffery, A. 74662
Elmqvist, H. *see* Dale, S. 101095
Elmqvist, H. *see* Holmberg, M. 101259
Elms, D., Osterman, T. HFC centralized powering: a unique approach 68380
Elnagar, A., Basu, A. From image pieces to 3D surfaces: theory and applications 117858
Elnaggar, A.M. *see* Bakry, A.M. 74681
El'nikov, A.V. *see* Zuev, V.V. 120774
Elobeid, A.R. *see* Maaly, I.A. 97609
Eloe, P.W. *see* Reuster, D.D. 96879
Elofsson, A. *see* Fischer, D. 98184
Eloot, K. *see* Philips, D.A. 64383
Elosegui, P., Davis, J.L., Johansson, J.M., Shapiro, I.I. Detection of transient motions with the Global Positioning System 101503
Elosegui, P. *see* Jaldhag, R.T.K. 101517

Eloy, J.-F. Ultra-wideband short-pulse interaction with matter: dynamic theoretical approach 95949
Elphic, R.C. *see* Khurana, K.K. 111228
Elrabaa, M.S., Elmasry, M.I., Malhi, D.S. A universal 3.3 V 1 GHz BiCMOS transceiver (driver/receiver) 63965
Elrefaie, A.F. *see* Ali, M.P. 78924
Elrefaie, A.F. *see* Khrais, N.N. 78856
Elrefaie, A.F. *see* Khrais, N.N. 88612
Elrod, R. *see* Hartz, C. 82399
Elsaadany, A., Singhal, M., Liu, M.T. Performance evaluation of switching in local area networks 109061
Elsaadany, A., Singhal, M., Liu, M.T. Performance study of buffering within switches in LANs 109073
Elsadek, H., Eldeib, H., Ueda, M., Horikoshi, J., Yabe, T. Using microwave holography and microstrip antenna for 3D mouse investigation 96845
Elsaesser, T., Leitenstorfer, A., Kuhn, T., Rossi, F. Ultrafast dynamics of electronic excitations in semiconductors 114601
Elsaesser, T. *see* Leitenstorfer, A. 62762
Elsaesser, T. *see* Lienau, C. 85479
Elsaesser, T. *see* Lienau, Ch. 116541
Elsaesser, T. *see* Oberli, M.T.P. 105098
Elsasser, W. Nonlinear optical phenomena in semiconductor lasers and amplifiers: physics and applications 107225
Elsayed, A.M., Shimosato, Y., McGee, J.O., Yagi, Y., Sacks, M. Global Standard Operating Procedures for Telepathology 111017
Elsayed, A.M., Shimosato, Y., Yagi, Y. Internet as a consultation medium for telepathology: a cooperative study 109178
Elsayed, K.M., Perros, H.G. Statistical multiplexing with arbitrary on/off sources 108770
Elsayed, M.M. *see* Kinsara, A.A. 112611
Elsayed, S.N. *see* Abdelghany, A. 94435
Elschner, S., Bock, J., Brommer, G., Herrmann, P.F. High currents in MCP BSCCO 2212 bulk material 95396
Elschner, S., Bock, J., Gauss, S. Development of HTSC-rings for inductive fault current limiters 91232
Elschner, S. *see* Herrmann, P.F. 103170
Elsen, P.A.van den *see* van den Elsen, P.A.
Elsener, K. *see* Dehning, B. 79949
Elsey, K.J. *see* Vallarino, C.R. 101826
Elshabini-Riad, A. *see* Addington, J.S. 85323
Elshabini-Riad, A. *see* Barlow, F. 83670
Elshabini-Riad, A. *see* Kuhn, W.B. 99219
Elshabini-Riad, A. *see* Kuhn, W.B. 118754
Elshabini-Riad, A. *see* Riad, S. 94131
Elshabini-Riad, A. *see* Zeakes, J.S. 100168
Elshafiey, T.F., Aberle, J.T., El-Sharawy, E.-B. Full wave analysis of edge-guided mode microstrip isolator 83310
Elsherbeni, A.T., Rodriguez-Pereyra, V., Smith, C.E. The effect of an air gap on the coupling between two planar microstrip lines 62152
Elsherbeni, A.Z., Smith, C.E., Moumneh, B. Minimization of the coupling between a two conductor microstrip transmission line using finite difference method: Summary 83460
Elsherbeni, A.Z. *see* Khan, O.D. 104780
Elsherbeni, A.Z. *see* Shixiong Dai 83487
Elsherbiny, M.M. *see* Chow, Y.L. 102236
Elsherbiny, M.M. *see* Salama, M.M.A. 70992
Elshout, F.Van den *see* Van den Elshout, F.
Elsley, R. *see* Greiner, H. 90911
Elsmam, R., Errath, R.A. Replacing hydraulic kiln drives–key messages and recommendations to cement plant operators from a case study 82037
Elsner, B. *see* Funk, K. 63981
Elsner, F., Kerkeni, N., Angue, J.-C. Automatic target tracking: application to human motion analysis 66995
Elsner, J. *see* Doppel, K. 64236
Elsner, R. *see* Wolke, S. 70266
Elsonbaty, N., Holmes, P.G. Parameter determination and performance control of an alternator by the choice of saturation level in the exciting transformer 102508
Elster, J.L. *see* Murphy, K.A. 69229
Elston, S.J. *see* Ulrich, D.C. 75028
Elston, S.J. *see* Ulrich, D.C. 95868
Elta, M.E., Freudenberg, J.S., Grizzle, J.W., Khargonekar, P.P., Terry, F.L., Jr. Improving RIE process robustness via real-time feedback control 63389
Eltoft, T., de Figueiredo, R.J.P. Pattern classification of non-sparse data using optimal interpolative nets 67450
Elton, B.H. Comparisons of lattice Boltzmann and finite difference methods for a two-dimensional viscous Burgers equation 92610
Elton, R. *see* Ting, A. 96478
Eltouhky, A. *see* Teng, E. 115755
Elvidge, C.D. *see* Chung-Sheng Li 66913
Elvira, J.M. *see* Carrasco, R.A. 76851
Elwalid, A. *see* Kumaran, K. 77625
Elwalid, A. *see* Ryu, B.K. 117964
Elwan, H.O., Soliman, A.M. CMOS differential current conveyors and applications for analog VLSI 104680
Elwan, H.O., Soliman, A.M. A novel CMOS current conveyor realization with an electronically tunable current mode filter suitable for VLSI 114062
Elwasif, W.R., Fausett, L.V. Function approximation using a sinc neural network 92580
Elwenspoek, M. *see* Bressers, P.M.M.C. 62696
Elwenspoek, M. *see* de Nivelle, M.J.M.E. 101555
Elwenspoek, M. *see* Jansen, H. 74940
Elwenspoek, M. *see* Lammerink, T.S.J. 74957
Elwenspoek, M. *see* Legtenberg, R. 81497
Elwenspoek, M. *see* Legtenberg, R. 115387
Elwenspoek, M. *see* Spiering, V.L. 64003
Elwood-Smith, M. Migration of a cable television network for digital services 79174
Elwood-Smith, M. Is your network ready for the future? 118663
Ely, J.J., Christodoulou, C.G. Optimizing spiral antenna performance with a conductive plane backing and choice of dielectric material 85978
Ely, R., Mueller, W. Model-based matching for precise sensor fusion 117642
El'yach, S.L., Kalinovskaya, N.I., Donskoi, E.N., Goncharova, V.F. Small pulsed accelerator for sterilization 89611
Elyutin, P.V. *see* Mishina, E.D. 96743
Elze, T.W. *see* Kroell, T. 69764
Elzer, M. Application of the KASCADE multiwire proportional chambers for air showers with high particle densities 120135
Elzinga, H. On the impact of spatial parametric variations on MOS transistor mismatch 115203
Elzingre, M. *see* Borden, P. 60666
Emaadi, A. *see* Mahdavi, J. 121745
Emami, A. *see* Deleonibus, S. 114906
Emamian, M., Hower, N., Levashov, Y. Alignment of Duke Free Electron Laser storage ring 89905
Emamian, M. *see* Litvinenko, V.N. 79873
Emanuel, K.A. *see* Stair, A.T., Jr. 90796
Emanuel, M.A., Carlson, N.W., Skidmore, J.A. High-efficiency AlGaAs-based laser diode at 808 nm with large transverse spot size 107310
Emanuel, M.A. *see* Beach, R.J. 96214
Emanuel, M.A. *see* Kopf, D. 96227
Emanuel, M.E. *see* Marshall, C.D. 85427
Ematrudo, C. *see* Giacalone, G. 73368
Embabi, S.H.K. *see* Fan You 104342
Embabi, S.H.K. *see* You, F. 104376
Embacher, M. A cost-effective CAN mcu–solution 67731
Emblanch, C. *see* Zribil, M. 120706
Embrechts, J.J. Light reflection model for lighting applications 81990
Embury, L.D. *see* Cooper, N. 94116
Embury, L.D. *see* Cooper, N. 99953
Emeis, N. *see* Strzoda, R. 62755
Emeleus, C.J. *see* Dorozhkin, S.I. 105297
Emelianov, V.V., Zebrev, G.I., Ulimov, V.N., Useinov, R.G., Belyakov, V.V., Pershenkov, V.S. Reversible positive charge annealing in MOS transistor during variety of electrical and thermal stresses 74739
Emelianov, V.V., Zebrev, G.I., Ulimov, V.N., Useinov, R.G., Belyakov, V.V., Pershenkov, V.S. Reversible positive charge annealing in MOS transistor during variety of electrical and thermal stresses 106017
Emeliantchik, I.F. *see* Baturitsky, M.A. 120224
Emel'yanov, A.A. Breakdown strength of the accelerating gap between the microchannel plate and screen of the image amplifier 105081
Emelyanov, A.V. *see* Bashkin, M.O. 72934
Emel'yanov, P.N. Reflectometer for measuring the roughness of the treated surfaces of machine parts 89491
Emerald, P. PWM stepper-motor control using PMCMs 121518
Emerald, P., Sasaki, M. Power multi-chip modules integrate PWM control with power FETs to provide cost-effective microstepping 82947
Emeric, J.-L. *see* Dou, J.-M. 118357
Emersic, A. Frequency standard distribution via a microwave communication system 109863
Emerson, D. *see* Peteu, S.F. 110246
Emerson, D.T. Approaches to multi-beam data analysis 68814
Emerson, D.T., Shealy, J.R. Structural investigation of short period GaInAs/InP superlattices 82630
Emerson, D.T., Shealy, J.R. Synthesis of InP-based 1.3 μm band gap pseudoalloy by organometallic vapor phase epitaxy 113372
Emerson, E.A. *see* Attie, P.C. 98481
Emerson, M. *see* Johnson, M. 118323
Emerson, W.F. Laser-beam welding seals electronic packages 84278
Emery, D., Madhur, J. HCSD unit development process: Step-wise process improvement 111071
Emery, E.T. The application of conductive and stress grading tapes to vacuum pressure impregnated, high voltage stator coils 102615
Emery, J.Y. *see* Delansay, P. 109646
Emery, J.Y. *see* Hornung, V. 96062
Emery, K. *see* Strand, T. 103029
Emery, K.A. *see* Wanlass, M.W. 103038
Emery, L. Commissioning software tools at the Advanced Photon Source 89623
Emery, L. Beam simulation and radiation dose calculation at the Advanced Photon Source with shower, an interface program to the EGS4 code system 89950
Emery, L. *see* Lumpkin, A. 100540
Emery, M.S. *see* Britton, C.L., Jr. 110617
Emery, M.S. *see* Hutchinson, D.P. 69137
Emery, W. *see* Thames, P. 120746
Emery, W.J. *see* Jacobson, M.D. 120794
Emery, W.J. *see* Oleson, K.W. 120664
Emery, W.L. *see* Mackie, W.A. 74041
Emes, J. *see* Sadoulet, B. 100818
Emeterio, J.L.San *see* San Emeterio, J.L.
Emfietzoglou, D. *see* Akselrod, M.S. 110983
Emge, S., Bennett, S., Dyott, R., Brunner, J., Allen, D. Reduced minimum configuration fiber optic gyro for land navigation applications 79446
Emig, H. *see* Tinschert, K. 100755
Emma, P. The Stanford Linear Collider 89640
Emma, P., Raubenheimer, T., Zimmermann, F. A bunch compressor for the Next Linear Collider 89663
Emma, P. *see* Adolphsen, C. 89648
Emma, P. *see* Bane, K.L.F. 89868
Emma, P. *see* Zimmermann, F. 89651
Emma, P. *see* Zimmermann, F. 89664
Emmel, P.M. *see* Morris, G.M. 89227
Emmerich, M. *see* Henschel, H. 75506
Emmerich, M. *see* Henschel, H. 106816
Emmerich, P.C. Experiences in migrating to an open EMS 90992
Emmerichs, U. *see* Woutersen, S. 116735
Emmert, G.A. *see* Conrad, J.R. 63249
Emmert, J.M. *see* Read, B.C. 120625
Emmert, P.R. *see* Kosel, P.B. 100010
Emmett, A. ATM: sky's the limit 98384
Emminger, S. *see* Haupt, M. 82633
Emminger, S. *see* Haupt, M. 92780
Emmons, R. *see* Gitkind, N. 75609
Emolenko, A.S. *see* Popov, A.G. 106624
Emon, J.M.Van *see* Van Emon, J.M.
Emons, C.H.H., van den Heuvel, R.A. Reproducibility of phosphorus and arsenic doped polysilicon emitters 84325
Emori, Y., Mizumoto, T., Naito, Y. Generalized representation of a coupled mode equation using a normalized coordinate system 116067
Emoto, F. *see* Katayama, T. 100237
Emoto, M. *see* Senba, T. 95438
Emoto, N. *see* Inui, Y. 91758
Emoto, T. *see* Hirano, K. 94189
Emplit, P. *see* Foursa, D. 64655
Emrich, A.J.G. *see* Whyborn, N.D. 68812
Emrick, R. *see* Munk, B.A. 117020
Emsermann, A. *see* Luft, A. 107689
Emsley, A.M. *see* Ali, M. 75042
Emson, C.R.I. *see* Ait-Sadi, R. 65812
Emson, C.R.I. *see* Xiaoming Xu 65786
Emura, H. *see* Sato, K. 82893
Emura, K. *see* Haga, T. 96568
Emura, T. *see* Maruyama, K. 100989
Emura, T. *see* Shirasu, H. 90226
Emura, T. *see* Shirasu, H. 100961
En, W.G., Shieh, B.P., Cheung, N.W. Analytical circuit model approach to charging damage in plasma/implantation processing 105560
En Qiu Hu *see* Xian Zhen Chen 91543
En Yunfei *see* Yang Yintang 104100
En-Hui Yang *see* Wen-Shiung Chen 77285
En-Hui Yang *see* Zhen Zhang 66283
En-Hui Yang *see* Zhen Zhang 66318
En-ke Liu *see* Yong Gao 64807
En-Yea Pan *see* Hon-Fai Yau 96662
Enab, Y. *see* ElKonyaly, E.H. 88683
Enab, Y. *see* Halimic, M. 119897
Enab, Y.M. *see* Tariq, M. 100346
Enache, R., Hantila, I.F., Vasiliu, M. Complete shielding in the periodic steady state. I. A physical and mathematical model of the field problem [EM shielding] 116933
Enachescu, M., Hartmann, E., Koch, F. Nanometer-scale structures patterned in ultrathin light-emitting porous Si films by scanning tunneling microscopy 63493
Enachescu, M. *see* Hartmann, E. 62799
Enachescu, M. *see* Radojkovic, P. 63121
Enachescu, M. *see* Radojkovic, P. 105469
Enami, K., Fukui, K., Yagi, N. Program production in the age of multimedia. DTPP: desktop program production 79130
Enami, K. *see* Hayashi, M. 109882
Enami, K. *see* Mitsumine, H. 109960
Enami, K. *see* Ohshima, H. 68929
Enami, K. *see* Yamanouchi, Y. 99739
Enard, A. *see* Joergensen, C. 99458
Enard, A. *see* Jourdan, A. 88603
Enard, A. *see* Ratovelomanana, F. 78778
Enard, A. *see* Vodjdani, N. 68419
Enaud, F. *see* Guiol, R. 98099
Enbutsu, K. *see* Dohata, M. 65514
Enbutsu, K. *see* Yamada, H. 116667
Encarnacao, J.L., Rabey, J.M. *(editors)* Mobile Communications. Technology, Tools, Applications, Authentication and Security. IFIP World Conference on Mobile Communications 112669
Encheva, E.G. *see* Bachvarov, S.G. 85371
Encheva, S.B. On binary linear codes which satisfy the two-way chain condition 66394
Encheva, S.B., Jensen, H.E. Optimal binary linear codes and Z_4-linearity 76790
Enchevich, I.B. *see* Kuznetsov, M.I. 100652
Encinar, J.A. Design of a dual frequency reflectarray using microstrip stacked patches of variable size 76632
Encinas-Sanz, F., Guerra, J.M., Pastor, I. Transverse pattern morphogenesis in a CO_2 laser 96105

Encontre, V. *see* Doldi, L. 118189
Encrenaz, P. *see* Beaudin, G. 79100
Encrenaz, P. *see* Mandolesi, N. 99703
Encrenaz, P. *see* Smoot, G.F. 99702
Encrenaz, P.J., Beaudin, G., Pilbratt, G. Submillimetre wave technologies for the future Earth and space applications 68820
Enda, T., Shigyo, N. Improvements on subthreshold-swing and short-channel effects of buried-channel MOSFET's: Counter-doped surface-channel MOSFET (CDSC) 84438
Endean, M.H. Some issues in the development of recycling-oriented manufacturing systems 60764
Endecott, P.B. Superscalar instruction issue in an asynchronous microprocessor 113996
Ender, J.H.G. Detection and estimation of moving target signals by multi-channel SAR 68635
Ender, J.H.G. Signal processing for multichannel SAR applied to the experimental SAR system "AER" 68667
Enderlein, J. *see* Erdmann, R. 119568
Enders, A. *see* Sander, D. 115537
Enders, A. *see* Skomski, R. 115536
Enders, P. Can the transmission line matrix method yield stationary solutions of the time-dependent Schrodinger equation? 97211
Enders, P. *see* Klehr, A. 107353
Endersby, P. Calibration policy–a rational approach? 79215
Endert, H. *see* Basting, D. 107072
Endler, I., Leonhardt, A., Scheibe, H.-J., Born, R. Interlayers for diamond deposition on tool materials 72917
Endo, A., Honma, I., Ihara, M., Komiyama, H., Yamada, K., Kajimura, A., Sasaki, H., Mizusaki, J., Tagawa, H. Electrochemical properties of dense Sr-doped lanthanum manganite electrodes prepared by a laser ablation method 81810
Endo, A., Izawa, S., Katsumoto, S., Iye, Y. Magnetoresistance oscillation in a two-dimensional electron gas under periodic modulation of electric and magnetic fields 105260
Endo, A. *see* Ohno, H. 83884
Endo, A. *see* Okugi, T. 100782
Endo, A. *see* Shimatsu, T. 106530
Endo, C. *see* Tsumura, N. 108535
Endo, F. *see* Okabe, S. 81618
Endo, H. *see* Masuda, S. 67720
Endo, H. *see* Ohkuma, S. 93356
Endo, I. *see* Arai, Y. 88529
Endo, I. *see* Kotosaka, S. 109688
Endo, I. *see* Maruyama, K. 100989
Endo, K., Ishikawa, J., Yoshida, O., Kitaori, N. The application of a carbon protective layer to metal evaporated tape 95367
Endo, K., Tatsumi, T. Fluorinated amorphous carbon thin films grown by helicon plasma enhanced chemical vapor deposition for low dielectric constant interlayer dielectrics 61375
Endo, K., Tatsumi, T. Nitrogen doped fluorinated amorphous carbon thin films grown by plasma enhanced chemical vapor deposition for low dielectric constant interlayer dielectrics 72892
Endo, K. *see* Genda, K. 118716
Endo, K. *see* Mizuno, K. 102800
Endo, K. *see* Yoshioka, Y. 71467
Endo, M., Ghosh, G., Tanaka, Y. Generation of tunable pulses below 345 fs using a passively mode-locked fiber ring laser with bulk components 96138
Endo, M., Kawasaki, S., Katsuyama, A. Stable process for chemically amplified resists using a new adhesion promoter 105767
Endo, M., Nakane, H., Adachi, H. Field emission characteristics of transition metal nitrides 73954
Endo, M., Nakane, H., Adachi, H. Fabrication of transition metal nitride field emitters 73967
Endo, M., Nakane, H., Adachi, H. Field emission from transition metal nitride 105008
Endo, M., Nishimura, Y., Takahashi, T., Takeuchi, K., Dresselhaus, M.S. Lithium storage behavior for various kinds of carbon anodes in Li ion secondary battery 81717
Endo, M. *see* Fukushima, K. 91774
Endo, M. *see* Ghosh, G. 75857
Endo, M. *see* Inamori, M. 73418
Endo, M. *see* Nishigaki, T. 115450
Endo, S., Hoshi, M., Suga, S., Takada, J., Komatsu, K. Determination of the relative neutron sensitivity of a C-CO$_2$ ionization chamber 80517
Endo, S., Nagahori, Y., Nomura, S. Preparation of CuInSe$_2$ thin films by the pulse-plated electrodeposition 104079
Endo, S. *see* Kohda, Y. 77968
Endo, S. *see* Maruyama, K. 100989
Endo, S. *see* Shams-Kolahi, W. 94417
Endo, S. *see* Shams-Kolahi, W. 114655
Endo, T. *see* Jinguji, M. 109193
Endo, T. *see* Makino, K. 101996
Endo, T. *see* Ohizumi, N. 82182
Endo, T. *see* Ohki, H. 86663
Endo, T. *see* Tsukamoto, S. 73472
Endo, T.R., Bell, J.D., Hughes, C.A., Murray, D.C., Sherard, J.S., Miller, M. Air navigation in the national airspace system, 2000-2010 70400
Endo, Y. *see* Takao, M. 118325
Endoh, A. Mobilecom holds bright prospects for crystal devices 84754
Endoh, G. *see* Hashimoto, K. 84736
Endoh, G. *see* Hashimoto, K. 106425
Endoh, H. Separators for automotive lead/acid batteries: selection of suitable types for different climate zones 112256
Endoh, H., Hiwatashi, Y., Hoshimiya, T. NDE of a variable-depth crack by photoacoustic imaging 104223
Endoh, H. *see* Yamaguchi, M. 85774
Endoh, T., Kurihara, Y. Copper thick film conductor for aluminum nitride substrates 94113
Endoh, T., Masuoka, J. Endurance characteristics for flash EEPROMs 93373
Endoh, T. *see* Iizuka, H. 93367
Endoh, T. *see* Kamada, M. 113808
Endoh, T. *see* Katsuno, S. 118309
Endoh, T. *see* Masuoka, F. 83110
Endoh, T. *see* Toriu, T. 86870
Endoh, Y., Tanimura, J., Imaizumi, M., Suita, M., Ohtsuka, K.I., Isu, T., Nunoshita, M. Crystalline defects in ZnSe layers grown by gas source molecular beam epitaxy 62757
Endoh, Y. *see* Imaizumi, M. 74200
Endoh, Y. *see* Imaizumi, M. 75964
Endoh, Y. *see* Kimura, K. 82587
Endorf, R.J. *see* Giakos, G.C. 80358
Endou, A. *see* Saiki, A. 81215
Endow, Y. Walsh harmonizable processes in linear system theory 108258
Endrenyi, J. *see* Weber, E. 102001
Endrenyi, L. *see* Tothfalusi, L. 113208
Endres, T.J., Anderson, B.D.O., Johnson, C.R., Jr., Tong, L. On the robustness of FIR channel identification from fractionally spaced received signal second-order statistics 67498
Endsor, R.D. Case study on the licensing of a nuclear power facility–the preparation of the safety case for the reactor protection system for Sizewell B power station 102405
Enert, P. Ionospheric dispersion effects on wideband signals 65858
Enfield, R.L. Development of the AT&T PersonaLink Services online documentation system 67686
Eng, D. *see* Kar, M.L. 88827
Eng, D.C. *see* Scarpulla, J. 84221
Eng, H. *see* Koziarz, N.A. 119154
Eng, K. *see* Karol, M. 67852
Eng, K.Y. *see* Ayanoglu, E. 108773
Eng, K.Y. *see* Liu, Z. 118032
Eng, K.Y. *see* Veeraraghavan, M. 77993
Eng, K.Y. *see* Zhao Liu 88273
Eng, L. *see* Vojdani, A.F. 102005
Eng, L.E. *see* Ketelsen, L.J.P. 109608
Eng, R.S., Hasson, V., Willman, B.C., Corbett, F.J., Trainor, M.E., Shah, M.L. Extending spectral coverage of gas lasers using EO and AO modulators: spectral purity issues 107049
Eng, R.S., Wang, Y., Chou, H.P., Hasson, V. Raman-Nath regime deep-modulation operation of a CO$_2$ laser mode locker 107048
Eng, R.S. *see* Chou, H.P. 107047
Eng, T., Ning Kong, Milstein, L.B. Comparison of diversity combining techniques for Rayleigh-fading channels 109353
Eng, T. *see* Ning Kong 68238
Eng, T.C. *see* Heywood, P. 67687
Eng, T.T.H., Ho, J.Y.L., Chan, P.W.L., Kan, S.C., Wong, G.K.L. Large core (~60 μm) SOI multimode waveguides for optical interconnect 96063
Eng Aik Lian *see* Liu Po-Ching 74839
Eng Chan Kim, Jae Suk Yang, Sin Giu Kang, Dong Uk Lee, Hyo Duk Nam Mossbauer and X-ray study of $(Fe_{1-x}Ni_x)_7Se_8$ and $(Fe_{1-x}Co_x)_7Se_8$ 115581
Eng Hean Koh *see* Yuan Xing Lee 117199
Eng Hong Yeoh *see* Yeoh Eng Hong
Eng-Chye Tan *see* Kah-Chye Tan 66697
Eng-Chye Tan *see* Kah-Chye Tan 66714
Engan, H.E. *see* Ostling, D. 106890
Engan, H.E. *see* Ostling, D. 116059
Engdah, S.G. *see* Lundgren, S.A. 106504
Engdahl, G., Bergqvist, A. Loss simulations in magnetostrictive actuators 64491
Engdahl, G. *see* Bergqvist, A. 84765
Engdahl, G. *see* Holmberg, P. 106619
Engdahl, J.C. *see* Wilderman, S.J. 101252
Enge, E.K. *see* Pullen, S.P. 68773
Enge, P., Van Dierendonck, A.J. Design of the signal and data format for wide area augmentation of the Global Positioning System 68768
Enge, P., Walter, T., Pullen, S., Changdon Kee, Yi-Chung Chao, Yeou-Jyh Tsai Wide area augmentation of the Global Positioning System 99681
Enge, P., Young, D., Westfall, B., Samsel, R., Thorsteinsson, S., Gunnarsson, T., Gudmundsson, G. DGPS/radiobeacons receivers: mitigation of precipitation static 88759
Enge, P. *see* Barrows, A.K. 120606
Enge, P. *see* Lawrence, D. 68772
Enge, P. *see* Ping-Ya Ko 80582
Enge, P. *see* Thorsteinsson, S. 68755
Engebretsen, D. *see* Wong, Y.M. 119220
Engel, A.G., Jr., Katehi, L.P.B. The effects of finite dielectric layers in multilevel microstrip interconnects 65927
Engel, B. *see* Beck, H.-P. 91913
Engel, C. *see* Baumgartner, P. 83917
Engel, C. *see* Holzmann, M. 63792
Engel, G.M., Bean, D.R. Efficient broadcast file transfer in a satellite communications network 87456
Engel, H., Karel, A., Setzer, M. Cost-benefit analysis of the energy-saving programme of a regional power supplier 80851
Engel, H. *see* Bottcher, E.H. 100037
Engel, H. *see* Sharon, A. 116121
Engel, J., Huele, A.F. Taguchi parameter design by second-order response surfaces 60545
Engel, J. *see* Seifert, B. 103547
Engel, J.J., Guzowski, T.S., Hunt, A., Lackey, D.E., Pickup, L.D., Proctor, R.A., Reynolds, K., Rincon, A.M., Stauffer, D.R. Design methodology for IBM ASIC products 115326
Engel, J.P. *see* Adam, W. 69709
Engel, K. *see* Danikas, M.G. 84676
Engel, R., Schiller, A., Serbo, V.G. The equivalent photon approximation for coherent processes at colliders 110522
Engel, S., Jeffries, C., Kostreva, M. Mathematical systems for enhancing diffuse images of point sources 67168
Engel, T. Fundamental aspects of the reactions of thermal and hyperthermal F, F$_2$, Cl, and Cl$_2$ with Si surfaces 74547
Engel, T. *see* Stauter, C. 72272
Engel, T.G. Splice: an analytical network analysis software 113641
Engel, T.G., Kristiansen, M., Stemprok, R. Techniques for improved surface discharge switch performance 62651
Engelbart, D., Steinhagen, H., Gorsdorf, U., Lippmann, J., Neisser, J. A 1290 MHz profiler with RASS for monitoring wind and temperature in the boundary layer 90761
Engelbrecht, R. *see* Schaller, G. 80457
Engelfried, J. *see* Mueller, U. 69711
Engelhardt, C.M. *see* Rosskopf, V. 74453
Engelhardt, H.P. *see* Albers, D. 69756
Engelhardt, J.S., Basu, S.P. Design, installation, and field experience with an overhead transmission dynamic line rating system 121190
Engelkemier, B., Kunimori, H., Otsubo, T. Sequential SLR analysis by 2-dimensional orbit estimator 98301
Engelkemier, B., Otsubo, T. Simulation study on site displacement monitoring by the KSP-SLR network 101520
Engelkemier, B. *see* Kunimori, H. 99670
Engelkemier, B. *see* Otsubo, T. 99672
Engelkemier, B. *see* Otsubo, T. 101519
Engelko, V., Giese, H., Schalk, S., Schultheiss, C., Wurz, H. Generation and focusing of an intense long pulse proton beam 69671
Engelmaier, W. BGA and CGA solder attachments: results of low-acceleration reliability tests and analysis 92238
Engelmaier, W., Turbini, L.J. Design for reliability in advanced electronic packaging 92328
Engelmann, R. *see* Cangsang Zhao 96689
Engels, D. *see* Bonora, S. 88783
Engels, M., Jansen, R.H. Design of quasi-ideal couplers using multilayer MMIC technology 93880
Engels, M., Peeters, D., Philibert, W., Van de Capelle, A. Shared mobility with GSM 78482
Engels, O., Haeuser, J., Homeyer, H., Marhauser, F., Pelzer, W., Schempp, A. A new injector for the ISL-cyclotron at HMI 100746
Engels, O. *see* Schempp, A. 89703
Engels, O. *see* Schempp, A. 89704
Engels, O. *see* Vormann, H. 100750
Engelson, M. Analysis method aids in effective product design 60549
Engemann, J. *see* Bansky, J. 89034
Engemann, J. *see* Korzec, D. 76584
Engenhart, R. *see* Essig, M. 80279
Engenhart-Cabillic, R. *see* Waschek, T. 120487
Enger, T.A. *see* Ziegler, J.F. 72394
Engert, F., Paulus, G.G., Bonhoeffer, T. A low-cost UV laser for flash photolysis of caged compounds 90480
Engh, L. *see* Van Tran, H. 73587
Enghardt, W. *see* Lauckner, K. 80313
Engheta, N. Potential applications of fractional differintegrals in electromagnetism 76325
Engholm, J.R. *see* Amirmadhi, F. 96488
Engin, D., Kirby, K.W. Development of an analytical model for the laser machining of ceramic and glass-ceramic materials 92181
Engl, W.L. *see* Jungemann, Chr. 74663
England, A.W. *see* Yuei-An Liou 90755
England, D.R. *see* Hawkins, A.R. 79417
England, J.M.C. *see* Gardiner, C.K. 116472
England, J.M.C. *see* Kozlowski, D.A. 65190
England, J.M.C. *see* Kozlowski, D.A. 65305
England, N. Rechargeable battery legislative and regulatory issues 71630
England, P., Allen, R., Underwood, R. RAVE: real-time services for the Web 77969
England, P., Allen, R.B., Sullivan, M., Heybey, A., Bianchi, M., Dailianas, A. I/Browse: the Bellcore Video Library Toolkit 68851
Englander, A. *see* Lavi, R. 76187
Engledrum, P.G. *see* Arney, J.S. 69530
Englefield, C.G. *see* Madan, S. 99282
Engler, D.R., Kaashoek, M.F. DPF: Fast, flexible message demultiplexing using dynamic code generation 118412
Engler, D.R. *see* Wallach, D.A. 118119
Engler, M.J. *see* Jen-San Tsai 70200
Engler, M.J. *see* Tsai, J.-S. 110883

Englert, B.-G., Gantsog, T., Schenzle, A., Wagner, C., Walther, H. One-atom maser: phase-sensitive measurements 85351
Englert, B.-G., Walther, H., Zucchetti, A., Masiak, P., Rzazewski, K. Time-averaged inversion in the one-atom maser 96074
Englert, P.A.J. *see* Koenen, M. 100875
English, D.W. *see* Joyce, K.T. 80584
English, E.K. Tapered periodic surfaces: a basic building block for broadband antenna design 97297
English, E.K. *see* Burleson, R.A. 97048
English, J. *see* Pinsukanjana, P. 82673
English, J.D., Maciejewski, A.A. Fault tolerance for kinematically redundant manipulators: anticipating free-swinging joint failures 72356
English, J.H. *see* Blanke, G. 63029
English, M.J. *see* Yilmaz, A. 70126
English, R.A. *see* Miskovic, Z.L. 83649
English, S.J. *see* Guillou, C. 70476
English, S.J. *see* Taylor, J.P. 101563
Englmaier, A. *see* Plettner, A. 84241
Englmeier, K.-H., Herpers, R., Jacoby, R.S., Zwiebel, F.M. A method for the estimation of the hemoglobin distribution in gastroscopic images 110734
Englmeier, K.-H., Herpers, R., Kunzer, I., Obermaier, M., Altmann, M. Displacement correction and surface reconstruction of the retina using scanning laser ophthalmoscopic images 120309
Englmeier, K.-H. *see* Eckstein, F. 120340
Englund, C.J. *see* Duda, L.C. 101004
Engman, E.T., Mattikalli, N.M., Ahuja, L.R., Jackson, T.J. Application of microwave remotely sensed surface soil moisture for estimation of subsurface soil hydraulic properties 120839
Engman, E.T. *see* Fung, A.K. 120864
Engman, E.T. *see* Jackson, T.J. 120842
Engstedt, M. *see* Bostrom, M. 67650
Engstrom, B., Isaksson, M. A system for test of multiaccess methods based on OFDM 98410
Engstrom, K., Reitsma, E., Fritzson, P. Benchmarking an intelligent network prototype implemented in parallel Erlang 87892
Engstrom, P. *see* Lagomarsino, S. 69896
Enguan Zhang *see* Zhang Enguan
Enguero, J. *see* Cha, E. 115746
Engvall, J., Olajos, J., Grimmeiss, H.G., Presting, H., Kibbel, H. Optical anisotropy of SiGe superlattices 114783
Engwall, D. *see* Benson, S.V. 96445
Engwall, D. *see* Benson, S.V. 107358
Engwall, D. *see* Dylla, H.F. 76067
Engwall, D. *see* Liu, H. 90083
Enight, A. *see* Archer, P.J. 119285
Eninger, J.E. *see* Vanderbrg, B.H. 62601
Enisherlova, K.L. *see* Aleshin, A.N. 94661
Enisherlova, K.L. *see* Chernokozhin, V.V. 99977
Enisz, M. *see* Bankuti, J. 103098
Enjeti, P. *see* von Jouanne, A. 71751
Enjeti, P. *see* von Jouanne, A. 103086
Enjeti, P.N., Sewan Choi, Pitel, I.J. Autotransformer configurations to enhance utility power quality of high power AC/DC rectifier systems 102790
Enjeti, P.N. *see* Choi, S. 71758
Enjeti, P.N. *see* Choi, S. 111473
Enjeti, P.N. *see* von Jouanne, A. 103074
Enjyoji, T. *see* Tomomatsu, Y. 105870
Enke, D., Dagli, C. Modeling biological visual processes for improved contrast enhancement and edge detection of artificial vision systems 98033
Enke Liu *see* Liu Enke
Ennaji, A. *see* Lecourtier, Y. 86610
Ennen, J.G.L. *see* Smets, R.C.J. 78830
Enning, C.J.W.A., Siersema, P.D., Van Blankenstein, M., Van Boven, G.-J., Van Gennip, E.M.S.J. Evaluation of a multimedia information system for endoscopy 110649
Ennis, P.M. Open digital media solutions using Windows NT 109900
Ennis, T.J. *see* Panwar, O.S. 104143
Ennser, K., Petermann, K. Analysis of RZ- vs. NRZ-transmission on standard single-mode fibers 68443
Eno, J. *see* Montanaro, J. 73430
Enoki, H. *see* Kobayashi, Y. 98560
Enoki, T. *see* Akazaki, T. 62898
Enoki, T. *see* Akazaki, T. 84468
Enoki, T. *see* Hayashi, H. 83438
Enoki, T. *see* Imai, Y. 78839
Enoki, T. *see* Imai, Y. 104877
Enoki, T. *see* Kimura, S. 113775
Enoki, T. *see* Kuwano, S. 88648
Enoki, T. *see* Shigekawa, N. 106076
Enoki, T. *see* Suemitsu, T. 74753
Enoki, T. *see* Umeda, Y. 83251
Enoki, T. *see* Umeda, Y. 93292
Enokihara, A., Setsune, K. High-T_c superconducting planar filter for power handling capability 115965
Enokizono, M., Kato, E., Tsuchida, Y. Inverse analysis by boundary element method with singular value decomposition 69664
Enokizono, M., Matsumura, K., Mohri, F. Magnetic field analysis of anisotropic permanent magnet problems by finite element method 95385
Enokizono, M., Mori, S., Benda, O. A treatment of magnetic reluctivity tensor for rotating magnetic field 96915
Enokizono, M., Todaka, T., Midou, Y. Numerical simulation of domain structure in magnetic thin sheet 64281
Enokizono, M., Todaka, T., Noda, D. Eddy current and temperature distributions in a resistance weld pipe 107777
Enokizono, M., Todaka, T., Shibao, K. Numerical approach for ECT by using boundary element method with Laplace transform 93009
Enokizono, M. *see* Kanada, T. 115847
Enokizono, M. *see* Nagata, S. 107736
Enokizono, M. *see* Todaka, T. 62397
Enoksson, P., Stemme, G., Stemme, E. A Coriolis mass flow sensor structure in silicon 79357
Enoksson, P. *see* Olsson, A. 74967
Enomoto, A. *see* Hayakawa, K. 96456
Enomoto, A. *see* Himeshima, I. 75239
Enomoto, A. *see* Hirano, K. 94189
Enomoto, A. *see* Ogawa, Y. 89907
Enomoto, A. *see* Yamaguchi, S. 100484
Enomoto, K., Shiokawa, S., Sasase, I. Performance analysis of idle signal multiple access with multiple idle signals 88125
Enomoto, K. *see* Sugihara, A. 87383
Enomoto, N. *see* Yoshida, K. 95677
Enomoto, S. *see* Makioka, S. 88197
Enomoto, T. High-throughput technologies for video signal processor (VSP) LSIs 67986
Enomoto, T. *see* Ujihara, K. 116390
Enomoto, Y. *see* Ban, M. 104790
Enomoto, Y. *see* Fuke, H. 84895
Enomoto, Y. *see* Nakamura, H. 90612
Enomoto, Y. *see* Odagawa, A. 64552
Enomoto, Y. *see* Suzuki, K. 83399
Enomoto, Y. *see* Suzuki, K. 93811
Enomoto, Y. *see* Suzuki, K. 115918
Enomoto, Y. *see* Tomita, N. 78833
Enomoto, Y. *see* Yamaguchi, K. 115948
Enomoto, Y. *see* Yoshikawa, S. 104828
Enping Wang *see* Wang Enping
Enpuku, K., Maruo, T., Minotani, T. Effect of large dielectric constant of $SrTiO_3$ substrate on the characteristics of high T_c dc superconducting quantum interference device 95461
Enpuku, K., Tokita, G., Maruo, T. Characteristics of high T_c DC SQUID using three junctions 84904
Enpuku, K. *see* Kiss, T. 113424
Enqi Xu *see* Xu Enqi
Enquist, P. *see* DeBarros, L.E.M., Jr. 96003
Enquist, P. *see* Paolella, A. 73697
Enquist, P. *see* Paolella, A. 83394
Enquist, P.M. *see* Lovejoy, M.L. 119227
Enrich, R. *see* Balcells, L. 110111
Enrich, S. A note on Peano constants of Gauss-Kronrod quadrature schemes 61032
Enright, K. SMT for beginners 92194
Enright, R., Grayson, M., Clark, P., Darnell, M., Honary, B., Barclay, L. ITU propagation measurement and analysis system 85857
Enright, R., Martin, I., Darnell, M., Honary, B. DSP based long range radio system 88081
Enright, S.T. *see* Badger, J.C. 72320
Enright, T., Yee, G. The development of a PCMCIA multifunction I/O connector 114389
Enright, W. *see* Arrillaga, J. 81012
Enrique Fernandez, G., Sridhar, R. Dual rail static CMOS architecture for wave pipelining 93337
Enriquez, L. *see* Alejos, O. 63558
Enriquez-Caldera, R., Carrera, G. The role of international digital geographic information exchange standards and digital communications infrastructure in land management 118350
Ens, H. *see* He Xiaoyin 118247
Ensell, G. Alignment of mask patterns to crystal orientation 84252
Ensell, G., Banks, D.J., Ewins, D.J., Balachandran, W., Richards, P.R. Silicon-based microelectrodes for neurophysiology fabricated using a gold metallization/nitride passivation system 79298
Ensheng Fu Transmission of submillimeter waves through metal light pipes 62142
Ensheng Fu *see* Fu Ensheng
Enshun Jin *see* Jin Enshun
Enslin, J.H.R. *see* Beukes, H.J. 121761
Enslin, J.H.R. *see* Horn, A. 103120
Enslin, J.H.R. *see* Mok, P.P. 121762
Enslin, J.H.R. *see* van Zyl, A. 111583
Enslin, J.H.R. *see* Wilkinson, R.H. 71837
Enslin, J.H.R. *see* Wilkinson, R.H. 122027
Enssle, J., Briem, U., Kroner, H. Performance analysis of fast reservation protocols for ATM networks 118523
Ent, R. *see* Zhou, Z.-L. 110536
Enta, Y., Takegawa, Y., Shoji, D., Suemitsu, M., Takakuwa, Y., Kato, H., Miyamoto, N. Band-dispersion-originated photoelectron intensity oscillations during Si epitaxial growth on Si(100) 82656
Enta, Y., Takegawa, Y., Suemitsu, M., Miyamoto, N. Growth kinetics of thermal oxidation process on Si(100) by real time ultraviolet photoelectron spectroscopy 105700
Enta, Y. *see* Takakuwa, Y. 113385
Entacher, K. Generalized Haar function systems, digital nets and quasi-Monte Carlo integration 82538
Entekhabi, D. *see* Galantowicz, J.F. 120845
Entezarian, M., Drew, R.A.L. Direct bonding of copper to aluminum nitride 105734
Entine, G. *see* Redus, R. 90151
Entine, G. *see* Redus, R. 101035
Entrena, L.A., Espejo, J.A., Olias, E., Uceda, J. Timing optimization by an improved redundancy addition and removal technique 113879
Entress-Fursteneck, L.V. *see* Handke, J. 116318
Enyakin, Yu.P. *see* Tumanovskii, A.G. 121340
Enyao Zhang *see* Zhang Enyao
Enz, C. *see* Grigorie, M. 119606
Enz, C. *see* Punzenberger, M. 104692
Enz, C. *see* van Ruymbeke, G. 104685
Enz, C. *see* Yang, F. 104690
Enz, C.C. *see* Bucher, M. 115198
Enz, C.C. *see* Fried, R. 62069
Enz, C.C. *see* Fried, R. 82969
Enz, C.C. *see* Fuji Yang 62012
Enze, L. Mathematical expressions of tip effect 62577
Enze, L., Yunpeng, L., Weidong, L., Lujun, C., Maosheng, Z. Modification of the Fowler-Nordheim formula for actual field emitters 73931
Enze Luo *see* Luo Enze
Enzmann, D.R. *see* Marks, M.P. 90325
Enzmann, G. *see* Cavalcanti, S. 120415
Eo Ik-Soo *see* Ik-Soo Eo
Eo Soo Kwan *see* Soo Kwan Eo
Eo Yun-Phil *see* Yun-Phil Eo
Eom, H.J. *see* Lee, J.H. 85943
Eom, H.J. *see* Lee, J.W. 73630
Eom, H.J. *see* Park, H.H. 116813
Eom, I.K., Kim, Y.S., Kim, J.H. A block wavelet transform for sub-image coding/decoding 67017
Eom, S.H. *see* Kim, D.W. 84030
Eom, T.-B. *see* Ko, Y.-U. 115059
Eom, T.B. *see* Brown, N. 88900
Eom Cheon Il *see* Cheon Il Eom
Eom Ick Jae *see* Ick Jae Eom
Eom Jin Seob *see* Jin Seob Eom
Eom Sang Young *see* Sang Young Eom
Eom Seung-Wook *see* Seung-Wook Eom
Eom Soon-Young *see* Soon-Young Eom
Eon Byung Park *see* Choong Jin Yang 115546
Eon Gon Kim, Bong Jin Ko, Chung Yul Choi, Sung Joon Cho Performance of 16 QAM signal with optimum code mapping and optimum threshold detection in Rician fading channel 117342
Eon Gon Kim, Chang Heon Oh, Sung Joon Cho Performance of 16 QAM signal with optimum threshold detection and MRC diversity reception in Rician fading channel in the presence of cochannel Rayleigh interference 66261
Eon Gon Kim, Chang Heon Oh, Sung Joon Cho Performance improvement of 16 QAM signal in PCN channel 78406
Eon Kang Chang *see* Chang Eon Kang
Eon Kyeong Joo *see* Chang Ki Jeong 86050
Eon Kyeong Joo *see* Jeong Goo Kim 76813
Eon Kyeong Joo *see* Soo In Lee 76812
Eon Lee Kyung *see* Kyung Eon Lee
Epelly, O. Life cycle assessment: a competitive tool in the electronic industry 62645
Epema, D.H.J. Joint queue-lengths and sojourn-time distributions in a general preemptive feedback queue 118048
Ephremides, A. The use of satellites to enhance the performance of communication networks 99427
Ephremides, A. *see* Friedman, D. 109582
Ephremides, A. *see* Modiano, E. 98404
Ephremides, A. *see* Stamatelos, D. 68081
Epistola, E. *see* De Guzman, J.C. 112922
Epler, J.E., Gehrsitz, S., Gulden, K.H., Moser, M., Sigg, H.G., Lehmann, H.W. Mode behavior and high resolution spectra of circularly-symmetric GaAs-AlGaAs air-post vertical cavity surface emitting lasers 96273
Epler, J.E. *see* Kehrli, U. 64994
Epler, J.E. *see* Liu, Q.Z. 64762
Epp, L.W., Smith, R.P. A generalized scattering matrix approach for analysis of quasi-optical grids and de-embedding of device parameters 62323
Eppel, M. *see* Ebert, A. 70761
Eppers, C. *see* Metze, G. 114291
Eppler, I. *see* Burges, U. 114996
Epshtein, E.M., Maglevanny, I.I., Shmelev, G.M. Electric-field-induced magnetoresistance of lateral superlattices 74417
Epstein, A. *see* Boulin, C. 93419
Epstein, A.J., Blatchford, J.W., Wang, Y.Z., Jessen, S.W., Gebler, D.D., Lin, L.B., Gustafson, T.L., Wang, H.L., Park, Y.W., Swager, T.M., MacDiarmid, A.G. Poly(p-pyridine)- and poly(p-pyridyl vinylene)-based polymers: their photophysics and application to SCALE devices 96022
Epstein, A.J. *see* Wang, H.L. 85301
Epstein, B. *see* Levin, M. 98914
Epstein, B. *see* Levin, M. 98919
Epstein, B. *see* Levin, M. 118992
Epstein, R., Yuille, A.L., Belhumeur, P.N. Learning object representations from lighting variations 117685
Equall, R.W. *see* Wang, G.M. 75411
Equer, B. *see* Pochet, T. 80071
Er, M.H. *see* Ming Zhang 76944
Er, M.H. *see* Ming Zhang 119506
Er, M.H. *see* Sim, S.L. 66112
Er, M.H. *see* Sim, S.L. 97663
Er, M.J. Application of neural network in audio measurement 79189
Er, M.J. A digital-signal-processor-based LQG controller for a servo system 102768

Er, M.J. *see* Lee, A.T. 87037
Er, M.J. *see* Teo, Y.M. 86696
Er Meng-Hwa *see* Meng-Hwa Er
Er Menghwa *see* Menghwa Er
Er Zhi Wang *see* Wang Er Zhi
Er-Wei Bai *see* Longren, K.E. 61579
Era, M. *see* Hattori, T. 75739
Eran, Y., Mesh, M., Peers, N., Powell, W.H., Weiss, Y., Waddington, M.S. WideGain access system 67951
Erasme, D. *see* Soto, H. 75969
Erasme, D. *see* Soto, H. 75983
Erasme, D. *see* Vickers, A.J. 107257
Erasmus, J., Baker, D.E. A high gain omni antenna for communication purposes 117101
Erasmus, J. *see* Baker, D.E. 117054
Erasmus, K. *see* Booysen, A.J. 117096
Eratuuli, P., Haapala, P., Vainikainen, P. Dual frequency wire antennas 76578
Eratuuli, P., Vainikainen, P., Haapala, P., Rekonen, H. Performance of internal microstrip handset antennas 108054
Eratuuli, P. *see* Haapala, P. 108052
Eratuuli, P. *see* Sihvola, A.H. 76371
Eray, A. *see* Polini, R. 61432
Erb, J. *see* Schaller, G. 80457
Erbach, P.S., Gregory, D.A. Image reconstruction with the phase-only wavelet joint transform optical correlator 97874
Erbach, P.S., Gregory, D.A., Hammock, J.B. Phase-only joint-transform correlator: analysis and experimental results 86889
Erbach, P.S., Gregory, D.A., Xiangyang Yang Optical wavelet transform by the phase-only joint-transform correlator 86891
Erbach, P.S. *see* McClain, J.L., Jr. 75602
Erbar, M., Rieger, M., Schemmann, H. A 1.28-GHz sigma-delta modulator for video A/D-conversion 104622
Erbe, C. *see* Zeitelhack, K. 69712
Erben, U. *see* Gruhle, A. 83513
Erben, U. *see* Schumacher, H. 62346
Erben, U. *see* Schuppen, A. 63601
Erbert, G., Bugge, F., Knauer, A., Sebastian, J., Vogel, K., Weyers, M. High power diode lasers based on InGaAsP spacer- and waveguide-layers with AlGaAs cladding layers 96313
Erbert, G. *see* Beister, G. 65175
Erbert, G. *see* Beister, G. 96380
Erbert, G. *see* Wenzel, H. 96349
Erbil, A. *see* Kim, Y. 113351
Ercal, F. *see* Moganti, M. 62455
Ercal, F. *see* Moganti, M. 62472
Ercal, F. *see* Moganti, M. 73851
Ercan, O. *see* Sevgi, L. 107887
Ercanli, E., Papachristou, C. A register file and scheduling model for application specific processor synthesis 83145
Erceg, V. *see* Clark, M.V. 109476
Erceg, V. *see* Rustako, A.J., Jr. 78506
Ercegovac, M.D. *see* Dionysian, R. 117846
Ercelebi, C. *see* Parlak, M. 114663
Ercil, A., Ozuydmaz, B. Automated visual inspection of painted metallic surfaces 92283
Ercole, A. *see* Gester, M. 84795
Erd, C. *see* Peacock, A. 99994
Erd, C. *see* Poelaert, A. 69909
Erdeljac, J. *see* Bayer, E. 63966
Erdelyi, D. *see* Ristau, D. 107433
Erdelyi, M. *see* Tittel, F.K. 105756
Erdelyi, T. *see* Borwein, P. 60920
Erdemir, A., Bindal, C., Fenske, G.R., Zuiker, C., Krauss, A.R., Gruen, D.M. Friction and wear properties of smooth diamond films grown in fullerene+argon plasmas 92845
Erdi, P. *see* Wright, J.J. 101391
Erditato, A. *see* Martellotti, G. 80122
Erdman, J. *see* Busse, D. 71230
Erdman, J. *see* Busse, D. 71750
Erdman, K. *see* Kuo, T. 100702
Erdmann, B. *see* Bornemann, F.A. 82511
Erdmann, L. *see* Gase, T. 75595
Erdmann, R., Enderlein, J., Becker, W., Wahl, M. High-speed electronics for fast detection of time-resolved fluorescence in single molecule experiments 119568
Erdmann, R. *see* Teegarden, K.J. 116409
Erdmann, W., Eichler, R., Niggli, H., Pitzl, D., Wagener, M., Gabathuler, K., Horisberger, R. Optical analog readout and control of the central silicon vertex detector of H1 at HERA 69864
Erdogan, A.T., Arslan, T. Low power multiplication scheme for FIR filter implementation on single multiplier CMOS DSP processors 114099
Erdogan, E. *see* Buyukaksoy, A. 65801
Erdogan, M.U., Sankaran, V., Kim, K.W., Stroscio, M.A., Iafrate, G.J. Optical properties of ultrathin GaAs/AlAs quantum well structures with an electric field 74392
Erdogan, S.S. *see* Khue-Hiang Chan 86682
Erdogan, T. *see* Kohnke, G.E. 88561
Erdogan, Z. *see* Usta, O. 121230
Erdol, N., Basbug, F. Wavelet transform based adaptive filters: analysis and new results 104705
Erdos, P., Lewin, M. d-Complete sequences of integers 60842
Erdthmann, M. *see* Yi, H.J. 75941
Erdtmann, M. *see* Kim, S. 105240
Ereditato, A. *see* Di Capua, E. 110598
Eremchenko, D., Makhov, V.I., Shulgin, E.I., Fedirko, V.A. Diffusion tip shaping under vacuum breakdown 73918
Eremeev, I.P. Accelerator-based gamma neutron transmutation of radionuclides as a new technology for the nuclear fuel cycle 79802
Eremeev, V.V., Zlobin, V.K. Statistical algorithms for radiometric correction of video information from multielement scanning systems 108480
Eremenko, A. *see* Bier, F.F. 120271
Eremenko, T.Yu. *see* Babin, S.A. 85364
Eremenko, Z.E., Filipov, Yu.F. New types of electromagnetic waves in single-crystal dielectric rod with arbitrary direction of anisotropy axis 76375
Eremenko, Z.E., Filipov, Yu.F., Kharkovsky, S.N. Magnetoplasma oscillations intertype coupling in layered resonator 73644
Eremets, M. *see* Gassot, P. 62974
Eremia, M. *see* Suzuki, H. 90942
Eremin, A.V. *see* Malyshev, O.N. 90241
Eremin, E.V., Stroitelev, V.N., Khramenkov, V.N., Shcheglov, V.A. Concept of developing a secondary-standards base 68948
Eremin, V., Strokan, N., Verbitskaya, E., Li, Z. Development of transient current and charge techniques for the measurement of effective net concentration of ionized charges (N_{eff}) in the space charge region of p-n junction detectors 69809
Eremin, V. *see* Li, Z. 100897
Eremin, V. *see* Li, Z. 110547
Eremin, V.K., Ilyashenko, I.N., Strokan, N.B., Schmidt, B. Recombination of nonequilibrium charge carriers in heavy ion tracks in silicon 105095
Eremin, Yu.A., Orlov, N.V. Modeling of scattering by particle on layered substrate 97151
Eremina, L.S. *see* Kornaukhov, A.V. 73700
Eremina, L.S. *see* Kornaukhov, A.V. 73710
Eremina, L.S. *see* Kornaukhov, A.V. 73714
Eren, H. Behaviour of ultrasonic wavefront in multi-phase liquid flow measurements in dosed pipes 110439
Erenyi, I. *see* Vassanyi, I. 104531
Erez, E., Leviatan, Y. Analysis of beam scattering using clusters of filamentary sources located in complex space 85832
Erez, E. *see* Leviatan, Y. 116866
Erfani, S., Ahmadi, M. A new look at digital filter realization by conformal mapping 93585
Erg, G.I. *see* Gluskin, E. 101000
Erg, G.I. *see* Vinokurov, N.A. 96552
Ergakov, K., Yarovoy, V. Investigation of energy and adaptive capabilities of four-wave mixing scheme with a feedback (FWMF) on YAG:Nd-active medium in single and repetitive pulse generation regimes 116685
Ergakov, K.V., Yarovoi, V.V. Energy optimisation of an Nd:YAG-based four-wave-mixing oscillator with feedback and investigation of its adaptive properties in the pulse-periodic regime 75886
Ergang Chen *see* Chen Ergang
Ergas, R.A. *see* Villasenor, J.D. 90744
Ergin, A.A., Michielssen, E. Incorporation of a multilevel matrix decomposition algorithm in the finite-element-boundary-integral analysis of scattering from 2D coated conducting bodies 76380
ErGudal, H.E., Schrantz, J.C. Screening flux candidates by thermal analysis 73872
Erh-Yuan Tsai *see* Obraczka, K. 87708
Erhard, A. *see* Hauser, T. 113597
Erhart, A. A high-voltage high-gray-shade LCD column driver utilizing a standard 1.2-μm CMOS process 89394
Erhart, D.L., Schafft, H.A., Gladden, W.K. On the road to building-in reliability 60728
Erhart, D.L. *see* Schafft, H.A. 95132
Erhart, P. *see* Ivanshin, V.A. 75319
Erhel, J., Burrage, K., Pohl, B. Restarted GMRES preconditioned by deflation 72634
Erhel, J. *see* Hahad, M. 60993
Eric, G. *see* Regis, D. 114271
Erickson, B. *see* Gupta, R. 90038
Erickson, D.C., Donnelly, M.K. Multifunctional data acquisition and analysis and optical sensors – a BPA update 81178
Erickson, K.T. *see* Wilmes, E.J. 109522
Erickson, L.E. *see* Bardwell, J.A. 62682
Erickson, L.E. *see* Theriault, S. 64662
Erickson, L.E. *see* Xu, D.-X. 74625
Erickson, N.R. QUARRY: experience after three years of use 68798
Erickson, N.R. A new concept in array receivers for the 3 mm band, using HEMT amplifiers 68805
Erickson, R. Comments on the possible use of the SLC as an e^-e^- collider 69596
Erickson, R., Allen, C.W., Inman, T.K., Linebarger, W., Stanek, M. SLAC accelerator operations report: 1992-1995 89717
Erickson, R., DeBarger, S., Spencer, C.M., Wolf, Z. Dipole magnets for the SLAC 50 GeV A-Line upgrade 89805
Erickson, R.W. *see* Maksimovic, D. 81572
Erickson, R.W. *see* Yungtaek Jang 71445
Ericson, E.A. *see* Walker, D.T. 111244
Ericson, M.N., Musrock, M.S., Britton, C.L., Jr., Walker, J.W., Wintenberg, A.L., Young, G.R., Allen, M.D. A flexible analog memory address list manager for PHENIX 100924
Ericson, M.N., Musrock, M.S., Britton, C.L., Jr., Walker, J.W., Winterberg, A.L., Young, G.R., Allen, M.D. A flexible analog memory address list manager for PHENIX 90206
Ericson, M.N. *see* Britton, C.L., Jr. 110617
Ericson, M.N. *see* Frank, S.S. 100939
Ericson, T., Zinoviev, V. Abelian group codes, duality and MacWilliams identities 66408
Ericson, T. *see* Zinoviev, V.A. 117256
Ericsson, G. Control center intra-communication [power systems] 101849
Ericsson, G., Johnsson, A. Communication between control centers. A comparison of ELCOM and ICCP 101847
Ericsson, G., Rahkonen, T. Openness in communication for power system control: a state-of-the-practice study 101845
Ericsson, G. *see* Frenje, J. 100817
Ericsson, L.M. *see* Dyst, J. 98834
Ericsson, P., Bengtsson, S. Effects of different prebonding cleaning procedures on the buried oxides of bond-and-etchback silicon-on-insulator materials 63155
Eriksen, P. *see* Niburg, M. 119218
Eriksen, V., Koeltzsch, W. First electrified railway link between Germany and Denmark 112485
Eriksson, H. Expert systems as knowledge servers 77972
Eriksson, H. *see* Andermo, P.G. 68298
Eriksson, H.B., Odling, P. Multiple-antenna reception and reduced-state Viterbi detection for block transmission systems 68061
Eriksson, H.B., Odling, P., Koski, T., Borjesson, P.O. A genie-aided detector with a probabilistic description of the side information 67502
Eriksson, H.B. *see* Odling, P. 67501
Eriksson, J., Danielsson, P.-E. Helical scan 3D reconstruction using the linogram method 80302
Eriksson, J., Skoglund, A., Wilhelmsson, K., Edstrom, A. Advanced real-time simulators in control centres 101851
Eriksson, J.-T. *see* Mikkonen, R. 102652
Eriksson, J.-T. *see* Soderlund, L. 102524
Eriksson, J.-T. *see* Vekara, T.T. 65734
Eriksson, L. *see* Bruckbauer, T. 90431
Eriksson, L. *see* Izykowski, J. 102252
Eriksson, L. *see* Karlsson, D. 91120
Eriksson, L.H., Back, I., de Laval, P. High performance automotive radar 79003
Eriksson, L.O., Piccone, D.E., Willinger, L.J., Tobin, W.H. Selecting fuses for power semiconductor devices 94949
Eriksson, M.A., Beck, R.G., Topinka, M., Katine, J.A., Westervelt, R.M., Campman, K.L., Gossard, A.C. Cryogenic scanning probe characterization of semiconductor nanostructures 94456
Eriksson, M.A. *see* Beck, R.G. 74762
Eriksson, M.A. *see* Beck, R.G. 110137
Eriksson, M.A. *see* Katine, J.A. 106105
Eriksson, N., Hagberg, M., Larsson, A. Highly directional grating outcouplers with tailorable radiation characteristics 64772
Eriksson, N. *see* Hagberg, M. 107251
Eriksson, N. *see* Ming Li 95770
Eriksson, N. *see* Ming Li 116751
Eriksson, O. *see* Tischer, M. 64233
Eriksson, P. *see* Josefsson, T. 69917
Eriksson, T., Leijon, M., Bengtsson, C. PD on-line monitoring of power transformers 102814
Erimli, B., Murphy, J., Murphy, J. On worst case traffic in ATM networks 77584
Erin, M., Malinovsky, I., Titov, A. He-Ne/I_2 wavelength standards at 633 nn: a new generation of superstable lasers in visible range 119523
Erin, M., Malinovsky, I., Titov, A., Chartier, A., Chartier, J.-M. Comparison between the He-Ne laser wavelength standards at 633 nm from the UME and the BIPM 68953
Erisman, B.P. *see* Redl, R. 71416
Erisman, B.P. *see* Redl, R. 91615
Erives, H., Parra-Loera, R. Genetic algorithms approach for the extraction of the polygonal approximation of planar objects 117640
Erixon, S. *see* Carlsson, L. 81206
Erke, T. *see* Hongyuan Chen 117952
Erkelens, J.S., Broersen, P.M.T. Reconstruction error distortion measure for quantisation of LPC models 97584
Erkeng Yu *see* Yu Erkeng
Erkin, A.K. *see* Avetisjan, G.H. 99978
Erkkila, J. *see* Hager, G.D. 107038
Erkmen, I., Tin, S. Data structure for improved performance of a sparse matrix technique 80776
Erkmen, I. *see* Tin, S. 102027
Erko, A., Schaefers, F., Gudat, W., Abrosimov, N.V., Rossolenko, S.N., Alex, V., Groth, S., Schroeder, W. On the feasibility of employing gradient crystals for high resolution synchrotron optics 90250
Erkuan Zhong, Lipo, T.A., Jaeschke, J.R., Gritter, D. Analytical estimation and reduction of conducted EMI emissions in high power PWM inverter drives 121776
Erkut, E., ReVelle, C., Ulkusal, Y. Integer-friendly formulations for the r-separation problem 82494
Erl-Huei Lu *see* Yi-Chang Cheng 61736
Erland, J., Birkedal, D., Lyssenko, V.G., Hvam, J.M. Spectral signatures of excitonic four-wave mixing signals in GaAs multiple quantum wells 62939
Erlandson, A.C. *see* Rotter, M.D. 85417

Erlandsson, K., Strand, S.-E. Improved axial resolution in 2D PET with 3D reconstruction 101174
Erlandsson, K. *see* Ljunggren, K. 101257
Erlandsson, R. *see* Rasmusson, J.R. 85312
Erlebach, A., Streil, T., Richter, F., Stephan, R. Modeling and characterization of a radiation sensitive p-channel transistor in a floating n-well 110572
Erler, B. *see* Lang, H.P. 63339
Ermakov, D. *see* Alimov, A. 89772
Ermakov, D.I. *see* Shvedunov, V.I. 89889
Ermakov, D.S. *see* Gankin, E.A. 106737
Ermakov, M.G. *see* Popovici, G. 105116
Ermakov, S.Yu. *see* Antonenko, A.M. 64589
Ermel, M., Pannicke, J., Henschel, M. Field measurements and modelling of the transients propagation properties of a 380 kV cable system of 7.5 km length at Bewag, Berlin 111439
Ermert, H. *see* Kopka, P. 74024
Ermert, H. *see* Kopka, P. 83747
Ermert, H. *see* Passman, C. 90370
Ermin Bao *see* Bao Ermin
Ermine, J.L. *see* Benzian, Z. 80923
Ermolenko, A.V. *see* Zaitsev, B.D. 89473
Ermolina, I. *see* Feldman, Y. 119546
Ermolov, I.N., Rozina, M.V. Inspection of objects with cylindrical surfaces 113582
Ermolov, V., Stor-Pellinen, J., Luukkala, M. Analog pulse compression system for real-time ultrasonic nondestructive testing 104246
Ermolov, V. *see* Stor-Pellinen, J. 84850
Ermolovich, I.B., Milenin, V.V., Konakova, R.V., Prokopenko, I.V., Gromashevskii, V.L. Influence of ultrasound treatment on Schottky barrier formation microprocesses in M-n-n^+ GaAs heterosystems (M=Pt, Cr, W) 61343
Ern, A., Giovangigli, V., Smooke, M.D. Numerical study of a three-dimensional chemical vapor deposition reactor with detailed chemistry 72884
Ernadotte, D. *see* Bordas, J.C. 92133
Erne, S.N. *see* Comani, S. 80393
Erneaux, T. *see* Levine, A.M. 116486
Erneux, T., Alsing, P.M., Kovanis, V., Gavrielides, A. Lang and Kobayashi phase equation and its validity for low pump [semiconductor lasers] 96368
Erneux, T., Kovanis, V., Gavrielides, A., Alsing, P.M. Mechanism for period-doubling bifurcation in a semiconductor laser subject to optical injection 85537
Erneux, T. *see* Gavrielides, A. 96364
Erneux, T. *see* Varangis, P.M. 96436
Erni, D. *see* Krylov, V. 96228
Erning, J.W., Schaffrath, W., Stimming, U., Syskakis, E., Wippermann, K. Improvement in the performance of screen printed SOFC cathodes by noble metal catalysts 81799
Erno, S. On the parallel version of the successive approximation method for quasilinear boundary value problem 92590
Ernst, G., Haug, R.J., Klingenstein, M., Kuhl, J., von Klitzing, K., Eberl, K. Photoconductive switches for time-resolved transport measurements at low temperatures and high magnetic fields 75727
Ernst, G.J., Verschuur, J.W.J., van Oerle, B.M., Bouman, A.F.M., Botman, J.I.M., Hagedoorn, H.L., Witteman, W.J. First lasing of TEUFEL 96457
Ernst, G.J. *see* van Oerle, B.M. 107204
Ernst, H., Petzold, J., Larice, R., Breide, S. Mixing of computer graphics and high-quality stereographic video 108424
Ernst, J. *see* Albers, D. 69756
Ernst, J. *see* Bergfeld, T. 100977
Ernst, J. *see* Daniilidis, K. 86443
Ernst, J. *see* Daniilidis, K. 117737
Ernst, M. *see* Izquierdo, E. 68863
Ernst, P., Geng, C., Moser, M., Scholz, F., Schweizer, H. Investigation of ordering in $GaInP_2$ by time resolved and time-integrated optical spectroscopy 62711
Ernst, P. *see* Alsina, F. 72795
Ernst, P. *see* Hofmann, R. 116467
Ero, J., Katona, Z., Maron, G., Bellato, M., Salvalaio, E. Euroball data acquisition system's DSP controlled dual-port memory 100948
Ero, J. *see* Bedin, R. 100983
Erochin, A. *see* Andriischin, A. 100413
Erofeichev, V.G. Infrared focal arrays 99983
Erofeyev, A.A. Acousto- and piezoelectric systems based on continuous functional media 106313
Erokhin, V.F. Mathematical models of random multiple access by conflict solution at physical level 118151
Erokhin, V.F., Zhartovakil, S.V. Analytical model of base protocol for multiple access with carrier control by conflict resolution on physical level 118082
Erokhin, Y., Simonton, R. High and low energy: New developments [ion implantation] 94687
Eror, N.G. *see* Prorok, B.C. 95432
Eros, R. Learning to love the Intranet 98652
Eroshenko, V.A. *see* Adamenkov, A.A. 116321
Eroshenko, V.A. *see* Belkov, S.A. 116681
Eroshin, O.V. *see* Antipov, Yu.M. 69794
Erostyak, J. *see* Cantin, J.L. 94259
Erqin Xie *see* Wenjun Zhang 74122
Erramilli, A. *see* Forys, L.J. 77890
Erramilli, A. *see* Wing-Cheong Lau 87284
Erramilli, S. *see* Ahn, C.H. 107822
Errath, R.A. 15000-HP gearless ball mill drive in cement–why not! 71955
Errath, R.A., Clausznitzer, R. AC technology on an upward trend in cement–no exclusive rights for DC technology to drive kilns anymore 82034
Errath, R.A. *see* Elsmam, R. 82037
Errington, D. *see* Abrams, K. 101426
Erry, G.R.G., Greenaway, A.H. Applications of optical and radio aperture synthesis techniques to sonar 68719
Ersen, S. *see* Iftimia, N. 116369
Ershevitch, V.V. *see* Ageyeva, Ye.V. 101821
Ershov, M., Ryzhii, V., Saito, K., Hamaguchi, C. Computer modeling of static and dynamic behavior of multiple quantum well infrared photodetectors 69195
Ershov, M. *see* Ryzhii, V. 64948
Ershov, M. *see* Ryzhii, V. 89105
Ershov, M. *see* Ryzhii, V. 95986
Ershov, M. *see* Ryzhii, V. *(editor)* 60418
Ershov, O. *see* Chen, R.T. 85079
Ershov, O. *see* Chen, R.T. 85318
Ershov, O.G. *see* Danilova, T.N. 96326
Ershov, R.Ye. Hysteresis losses in weak fields 96874
Ershov, S.G., Ivankov, A.F., Korablev, V.V., Tyukin, V.Yu. Reducing the surface recombination velocity of gallium arsenide by sulfide passivation 105690
Ershov, V.A. *see* Postnikov, A.A. 103416
Ershov, V.P., Fimushkin, V.V., Gai, G.L., Kulikov, M.V., Kutuzova, L.V., Levkovich, A.V., Pilipenko, Yu.K., Shutov, V.B., Valevich, A.I. Experiments at ultracold source prototype for polarized atomic hydrogen beam 120114
Ershov, V.P., Fimushkin, V.V., Kulikov, M.V., Levkovich, A.V., Pilipenko, Yu.K., Shutov, V.B. Pulsed cryogenic polarized atomic hydrogen jet source 120115
Ershov, V.P., Fimushkin, V.V., Kulikov, M.V., Pilipenko, Yu.K., Shutov, V.B., Valevich, A.I. Long time experience of polarized deuteron source, POLARIS at the JINR synchrophasotron 120113
Ershov, V.P. *see* Balandikov, N.I. 120111
Ershov, V.P. *see* Bespalov, V.I. 92656
Ershov, V.P. *see* Bespalov, V.I. 116660
Erskine, C., Ammon, S. Implementation of fixed-point low-delay CELP on a single ADSP-2171 98956
Ersoy, O.K. *see* Munro, D.J. 90899
Ersoy, O.K. *see* Sundaram, R. 86972
Ertan, H.B. *see* Sahin, F. 81429
Ertaud, J.Y. *see* Dujardin, F.H. 101214
Erten, G., Gharbi, A., Salam, F., Grotjohn, T., Asmussen, J. Using neural networks to control the process of plasma etching and deposition 103405
Ertl, H., Kolar, J.W., Zach, F.C. Basic considerations and topologies of switched-mode assisted linear power amplifiers 61603
Ertl, H. *see* Kolar, J.W. 71444
Ertl, H. *see* Paas, S.M. 87613
Ertl, T. *see* Allrutz, R. 98597
Ertugrul, M., Kaynak, O., Sabanovic, A. A comparison of various VSS techniques on the control of automated guided vehicles 71833
Ertugrul, N., Doudle, C. Dynamic analysis of a single-phase line-starting permanent magnet synchronous motor 111932
Ertuzun, A. A survey of 2-D lattice filter structures 77020
Eru, I.I. Low-noise quasioptical 2-mm and 1.5-mm Schottky mixer receivers 79098
Ervin, R.D. *see* LeBlanc, D.J. 71863
Erwin, H.R. *see* Wright, J.J. 101391
Erwin, J.K. *see* Gadetsky, S. 75232
Erwin, R.W. *see* Borchers, J.A. 64356
Erwood, A.F. *see* Leavers, V.F. 86130
Erxleben, W.H., Reagan, J.A. An approach for obtaining best estimates of spectral optical depths and calibration intercepts from solar radiometer data corrupted by temporal variations 120693
Eryurthu, F. *see* Kweh, T.H. 87179
Erzhi Wang *see* Wang Erzhi
Erzin, R., Bajd, T., Kralj, A.R., Savrin, R., Benko, H. Influence of sensory biofeedback on FES assisted walking 70233
Es, H.W.Van *see* Van Es, H.W.
Es, J.v. *see* v. Es, J.
Es-Spiekman, W.Van *see* Van Es-Spiekman, W.
Esaka, T. *see* Kamata, M. 110311
Esaki, S. *see* Sugiyama, T. 118945
Esaki, Y. *see* Hattori, M. 81754
Esaki, Y. *see* Kobayashi, M. 102495
Esarey, E., Sprangle, P., Krall, J., Ting, A. Overview of plasma-based accelerator concepts 79767
Esarey, E. *see* Leemans, W.P. 79840
Esarey, E. *see* Sprangle, P. 69661
Esarey, E. *see* Ting, A. 96478
Esashi, M. Silicon micromachining for integrated microsystems 95219
Esashi, M. *see* Asada, N. 115389
Esashi, M. *see* Cabuz, C. 63984
Esashi, M. *see* Dong Youn Sim 74929
Esashi, M. *see* Geunbae Lim 110872
Esashi, M. *see* Jaejoon Choi 106267
Esashi, M. *see* Ohtsu, M. 74938
Esashi, M. *see* Park, K. 120482
Esashi, M. *see* Watanabe, S. 106266
Esashi, M. *see* Tani, J. *(editor)* 103287
Esbensen, H. EXPLORER: an interactive floorplanner for design space exploration 113681
Esbensen, H., Euh, E.S. An MCM/IC timing-driven placement algorithm featuring explicit design space exploration 62534
Esbensen, H. *see* Lee, M.A. 113177
Escalera, A.de la *see* de la Escalera, A.
Escalera, J.C. *see* Hild, R. 85242
Escalera, J.C. *see* Yzuel, M.J. 116195
Escallier, J. *see* Greene, A. 90033
Escallier, J. *see* Morgillo, A. 100448
Escalona, O., Anderson, J. Intracardiac monophasic pulse driver for PC-based electrophysiological studies 101396
Escalona, O., Anderson, J., Dempsey, G. Interface module for regulated current pulse delivery in gastro-thoracic stimulation 110831
Escalona, R., Rosi, C. Frequency-modulation continuous wave (FMCW) interferometry for thermal expansion coefficient measurements 119919
Esch, A.van *see* van Esch, A.
Eschauzier, R.J.H. *see* Cherry, E.M. 61664
Eschbach, R. *see* Easton, R.L., Jr. 76287
Escher, U., Samuel, R., Gladun, A., Hegenbarth, E. The influence of $SrSO_4$ additives to $Bi_2Sr_2CaCu_2O_8$ high temperature superconductors 84877
Eschke, J. *see* Badura, E. 69804
Eschke, J. *see* Badura, E. 120203
Eschle, M. EU guidelines on machines: even the operators are required 112835
Eschler, J. *see* Cossalter, O. 85125
Eschmann, U. Circuit simulation with SPICE models: bandpass amplifier example 104273
Eschner, J.H. *see* Littler, I.C.M. 113803
Eschweiler, M. *see* Ban, J. 69810
Escoffier, R., Michez, A., Cirba, G., Bordure, G., Ferlet-Cavrois, V., Paillet, P., Leray, J.L. Radiation induced shift study in parasitic MOS structures by 2D numerical simulation 106016
Escojido, B. *see* Medved, D.B. 88523
Escorcia-Aparicio, E.J. *see* Kawakami, R.K. 64354
Escotte, L. *see* Llopis, O. 84615
Escotte, L. *see* Plana, R. 63604
Escotte, L. *see* Plana, R. 83408
Escotte, L. *see* Roux, J.P. 63598
Escotte, L. *see* Zanchi, C. 93865
Escoubet, C.P. *see* Hua Zhao 111027
Escudero, J.I. *see* Luque, J. 70729
Escudero, L.F., de la Fuente, J.L., Garcia, C., Prieto, F.J. Hydropower generation management under uncertainty via scenario analysis and parallel computation 71176
Escudero, L.F., Paradinas, I., Prieto, F.J. Generation expansion planning under uncertainty in demand, economic environment, generation availability and book life 91249
Esen, M., Ayhan, T. Development of a model compatible with solar assisted cylindrical energy storage tank and variation of stored energy with time for different phase change materials 91766
Esener, S. Parallel accessed optical storage 64616
Esener, S. Optical memory systems for 3-D computing architectures 64622
Esener, S. Free space optical interconnects and parallel accessed optical storage 64846
Esener, S. *see* Dvornikov, A.S. 84951
Esener, S. *see* Piyaket, R. 95649
Esener, S.C. *see* Chi Fan 85199
Esengaliev, A.B., Novik, V.K., Novikov, V.N., Gavrilova, N.D., Zaitseva, N.P., Lotonov, A.M., Bogatyreva, S.V. Proton dynamics and low-temperature (1.5-130 K) pyroelectric coefficient anomalies of KDP-single crystals 106309
Esfandyari, J. *see* Senkader, S. 63213
Eshchin, E.K., Ivanov, V.I., Aleshin, D.A. Automation of express testing of asynchronous electric motors 71309
Eshelman, S. *see* Goldsmith, C. 95220
Eshkar, N.S., Shapiro, R.S., Shafir, M., Sung, M. Case report: MRI of extrapancreatic gastrinoma 80250
Eshkenazy, V. *see* Peled, E. 112294
Eshmawy, W. *see* El-Sharkawy, M. 94043
Eshmawy, W. *see* El-Sharkawy, M. 98126
Eshmawy, W. *see* El-Sharkawy, M. 108580
Eshraghain, K. *see* Abbott, D. 89139
Eshraghi, A., Fiez, T. A comparison of three parallel $\Delta\Sigma$ A/D converters 114021
Eshraghi, S.A. *see* Vuong, H.-H. 74540
Eshraghian, K. Challenges in future technologies 106140
Eshraghian, K. *see* Beaumont-Smith, A. 113906
Eshraghian, K. *see* Lopez, J.F. 93224
Eshraghian, K. *see* Nguyen, X.T. 66968
Eshraghian, K. *see* Tabrizi, N. 93300
Esin, S.K., Feschenko, A.V., Ostroumov, P.N. INR activity in development and production of bunch shape monitors 100520
Esin, S.K., Kravchuk, L.V., Kvasha, A.I., Ostroumov, P.N., Serov, V.L. MMF linac upgrade possibilities for the pulsed neutron source 90100
Esin, S.K., Kravchuk, L.V., Kvasha, A.I., Serov, V.L. Moscow Meson Factory DTL RF system upgrade 89735
Esipenko, V.I., Shchuko, O.B. Probability density of the sum of random variables with random coefficients 82411
Esipov, Yu.V., Mogilchenko, I.N. Determination of light-transmission functions of a double-channel

elastic fiberoptic waveguide for differential boundary transformation of mechanical perturbations 64716
Esirkepov, T.J. *see* Bulanov, S.V. 79844
Eskander, M.N., Abd El Motaleb, M.S., El Khashab, H.A. Optimal control of double output induction generator using optimal regulator theory 91520
Eskander, M.N., Zaki, A.M. A maximum efficiency-photovoltaic-induction motor pump system 112646
Eskander, M.N. *see* Zaki, A.M. 92008
Eskelinen, P. The story behind Finnish telecommunications industry: military radio systems and electronic warfare in Finland during World War II (1939-1945) 101652
Eskelinen, P., Laaksonen, R., Salpala, A. Practical considerations on AF amplifier protype design 82961
Eskelinen, P., Salpala, A. A hybrid amplifier as an RF building block 94114
Esker, P.M. *see* Morse, A.W. 83380
Eskicioglu, A.M. Application of multidimensional qualify measures to reconstructed medical images 70058
Eskilden, L., Hansen, P.B., Grubb, S.G., Vengsarkar, A.M., Korotky, S.K., Strasser, T.A., Veselka, J.J., Alphonsus, J.E.J., Truxal, D., DiGiovanni, D.J. Single fibre repeaterless transmission over 490 km at 2.488 Gbit/s using a remote preamplifier and dispersion compensation 109617
Eskildsen, L., Hansen, P.B., Grubb, S.G., Vengsarkar, A.M., Strasser, T.A., Alphonsus, J.E.J., DiGiovanni, D.J., Peckham, D.W., Truxal, D., Cheung, W.Y. 465-km, 2.488 Gbit/s repeaterless transmission using a directly modulated DFB laser 78688
Eskildsen, L., Hansen, P.B., Koren, P.B., Miller, B.I., Young, M.G., Dreyer, K.F. Stimulated Brillouin scattering suppression with low residual AM using a novel temperature wavelength-dithered DFB laser diode 85519
Eskildsen, L. *see* Goldstein, E.L. 85386
Eskildsen, L. *see* Hansen, P.B. 68395
Eskildsen, L. *see* Hansen, P.B. 68498
Eskildsen, L. *see* Hansen, P.B. 85499
Eskildsen, L. *see* Hansen, P.B. 88615
Eskin, A.E. *see* Vasilev, D.R. 79292
Eskin, J.D., Barrett, H.H., Barber, H.B., Woolfenden, J.M. The effect of pixel geometry on spatial and spectral resolution in a CdZnTe imaging array 100860
Eskin, J.D. *see* Barber, H.B. 101212
Eskin, J.D. *see* Marks, D.G. 80353
Eskin, J.D. *see* Marks, D.G. 101240
Eskin, V.I. *see* Lukyanov, A.S. 72168
Eskiyerli, M.H., Payne, A.J., Toumazou, C. State-space synthesis of biquads based on the MOSFET square law 104702
Eskridge, T. *see* Bowman, C. 80553
Eslami, E., Mordeson, J.N. Completions and fuzzy power series subrings 92471
Eslamy, M., Ranjbar, A.M. Application of neural networks in transient stability security assessment 101972
Esmaeili, M., Gulliver, T.A., Secord, N.P. Canonical representation of quasi-cyclic codes 66422
Esmaili, M., Talaie, A. An enhancement to polypyrrole/chloride ion sensor 110104
Esmailzadeh, R., Doi, N. A comparison on the performance of the FDD and TDD modes of B-CDMA communications 68225
Esmailzadeh, R., Doi, N., Masui, H., Ohgoshi, Y., Yano, T. Spread spectrum slot reservation multiple access 118983
Esmailzadeh, R., Sourour, E., Nakagawa, M. Pre-RAKE diversity combining in time division duplex CDMA mobile communications 98412
Esman, R. Fiber optics for microwave applications 78852
Esman, R.D., Williams, K.J. Brillouin scattering: beyond threshold 76196
Esman, R.D. *see* Davis, G.A. 75722
Esman, R.D. *see* Davis, G.A. 110161
Esman, R.D. *see* Frankel, M.Y. 97366
Esman, R.D. *see* Glassner, D.S. 78690
Esme, I., Aktas, G. Frequency-dependent conductivity in As$_{0.40}$ Se$_{0.40}$Te$_{0.20}$ thin films 105200
Esmeraldo, P.C. *see* Zanetta, L.C., Jr. 111621
Esnault, J.C. *see* Palmier, J.F. 93786
Esogbue, A.O., Baoding Liu On fuzzy criterion set dynamic programming 92501
Esogbue, A.O., Hearnes, W.E., II, Qiang Song A reinforcement learning fuzzy controller for set-point regulator problems 120982
Esparcia-Alcazar, A.I., Sharman, K.C. Genetic programming techniques that evolve recurrent neural network architectures for signal processing 108363
Espeio, S., Carmona, R., Dominguez-Castro, R., Rodriguez-Vazquez, A. A VLSI-oriented continuous-time CNN model 83280
Espejo, J.A. *see* Entrena, L.A. 113879
Espeland, M. *see* Lokberg, O.J. 76274
Espi, J.M. Quasi-resonant topologies for induction heating 61598
Espindola, R.P., Udo, M.K., Chu, D.Y., Wu, S.L., Ho, S.T. Novel pulse-delayed scheme for degenerate optical parametric amplification in $\chi^{(3)}$ waveguides 65497
Espinosa, F.Montero de *see* Montero de Espinosa, F.
Espinosa, G., Cantalejo, C., Turo, A., Salazar, J., Garcia, M.J. Electrical power meter for ultrasonic transducer 110280
Espinosa, G. *see* Salazar, J. 111381
Espinosa-Perez, G., Ortega, R., Nicklasson, P.J. Torque and flux tracking of induction motors 71314
Espinoza, F., Hook, K. A WWW interface to an adaptive hypermedia system 87842
Espinoza, S., Whatley, S., Cartwright, C. Online courses–the 5 W's and 2 perspectives 92070
Espinoza-Beltran, F.J. *see* Ramirez-Bon, R. 74139
Espirito Santo, M.C. *see* Alvsvaag, S.J. 90124
Espitallier, D. Fused fiber image guides for planetary exploration 79506
Esposito, A., Tarricone, L., Dionigi, M., Sorrentino, R. Serial and parallel enhancement in numerical simulations of circuits 93052
Esposito, A. *see* Dionigi, M. 83350
Esposito, A. *see* Silvestrini, P. 95506
Esposito, B. *see* Ambrose, J. 70580
Esposito, J.A. *see* Cuddapah, R. 101028
Esposito, N., Musolino, A., Raugi, M. Equivalent network model for magnetic field and circuital analysis of transformers including hysteresis effects 62396
Esposito, N., Musolino, A., Raugi, M. Modelling of three-dimensional nonlinear eddy current problems with conductors in motion by an integral formulation 65689
Esposito, N., Raugi, M., Tellini, A. Frequency-domain formulation for nonlinear method of moments 65693
Esposito, S., Riccardi, A., Ragazzoni, R. Focus anisoplanatism effects on tip-tilt compensation for adaptive optics with use of a sodium laser beacon as a tracking reference 119320
Esquerre, J.P. *see* De Lagrevol, R. 69956
Esquinazi, P. *see* Nittke, A. 75326
Esquivel, M.S. *see* Imbriale, W.A. 76627
Esquivias, I., Romero, B., Weisser, S., Czotscher, E., Ralston, J.D., Larkins, E.C., Arias, J., Schonfelder, A., Mikulla, M., Fleissner, J., Rosenzweig, J. Carrier escape time in GaAs/AlGaAs and InGaAs/GaAs quantum-well lasers 107229
Esquivias, I., Weisser, S., Romero, B., Ralston, D., Rosenzweig, J. Carrier capture and escape times in In$_{0.35}$Ga$_{0.65}$As-GaAs multiquantum-well lasers determined from high-frequency electrical impedance measurements 107311
Esquivias, I. *see* Czotscher, K. 107237
Esquivias, I. *see* Homar, M. 76033
Esquivias, I. *see* Ralston, J.D. 96305
Esrick, M.A. *see* McRae, D.A. 70141
Esry, T.C. *see* Hoff, A.M. 84194
Essabaa, S. *see* Cohen, S. 120117
Essebbar, A. Bayesian parametric separation applied to multicomponent seismic data 90739
Essebbar, A., Brossier, J.-M., Mauuary, D., Geller, B. An algorithm for blind equalization and synchronization 98356
Essebbar, A. *see* Geller, B. 68535
Esselle, K.P. A low-profile rectangular dielectric-resonator antenna 108024
Esselle, K.P., Stuchly, S.S. Resistively-loaded antennas for transient electromagnetic field measurements 76464
Essen, H., Makaruschka, R. Remote sensing of land and water with an airborne 94-GHz synthetic aperture radar 111310
Esseni, D., Selmi, L., Bez, N., Ravazzi, L., Sangiorgio, E. Soft programming in scaled flash EEPROM cells 83116
Esser, N., Resch-Esser, U., Pristovsek, M., Richter, W. Scanning-tunneling-microscopy study of InP(001) surfaces prepared by UHV decapping of metal-organic vapor-phase-epitaxy-grown samples 72798
Essers, M., Boellaard, R., Van Herk, M., Lanson, H., Mijnheer, B. Transmission dosimetry with a liquid-filled electronic portal imaging device 70218
Essex, D. *see* Mizell, G. 96198
Essiambre, R.-J., Agrawal, G.P. Ultra high-bit-rate soliton communication systems using dispersion decreasing fibers and parametric amplifiers 119251
Essiambre, R.J., Agrawal, G.P. Timing jitter analysis for optical communication systems using ultrashort solitons and dispersion-decreasing fibers 116056
Essick, J.M., Nobel, Z., Yuan-Min Li, Bennett, M.S. Conduction- and valence-band offsets at the hydrogenated amorphous silicon-carbon/crystalline silicon interface via capacitance techniques 105247
Essig, B.R. Batteries gain a purpose [UPS] 71521
Essig, D. *see* Johns, D.A. 109326
Essig, M., Engenhart, R., Knopp, M.V., Bock, M., Scharf, J., Debus, J., Wenz, F., Hawighorst, H., Schad, L.R., van Kaick, G. Cerebral arteriovenous malformations: improved nidus demarcation by means of dynamic tagging MR-angiography 80279
Essig, M. *see* Wiener, E. 101272
Essink, G. *see* Aarts, E.H.L. 73417
Essink, G. *see* Vissers, K.A. 97910
Esslinger, V. *see* Horvath, I.L. 100267
Est, A.Van *see* Van Est, A.
Est, J.W.van *see* van Est, J.W.
Estabrooks, P. *see* Adams, D. 69840
Estanqueiro, A.I., Ferreira de Jesus, J.M., Castro, R.M.G., Gil Sariva, J.A. Modelling the integration of wind parks onto weak grids 102559
Estanqueiro, A.I.L. *see* Reis, F.A.G.S. 111858
Este, G. *see* Backhouse, C.J. 92825
Estep, D.J., Verduyn Lunel, S.M., Williams, R.D. Error estimation for numerical differential equations 72655
Esterowitz, L. *see* Pinto, J.F. 65138
Esterowitz, L. *see* Stoneman, R.C. 65168
Estes, D.R., Kojima, T. Irreducible quadratic factors of $x((q^n+1)/2)+ax+b$ over $\mathbf{F}_q$ 60776
Estes, J.E., Foresman, T. Development of a Remote Sensing Core Curriculum submitted for the sessions on educational initiatives in Geoscience and Remote Sensing 111333
Estes, J.E. *see* Scepan, J. 120667
Estes, L.E., Garcia, R.A., Lizotte, C.D. Underwater vehicles equipped with laser beacons and tracked from aircraft 107663
Estes, R.R., Jr. *see* Jian Lu 117759
Estes, R.S. Solderless flip chip bump process technology 94122
Esteve, D. *see* Fazouan, N. 82628
Esteve, D. *see* Rouhani, M.D. 72846
Esteve, J. *see* Bao Minhang 84181
Esteve, J. *see* Burrer, C. 63983
Esteve, J. *see* Burrer, C. 79299
Esteve, J. *see* Marco, S. 110654
Esteve, J. *see* Ruiz, O. 69072
Esteve, J. *see* Zhang, R.Q. 92768
Esteve, V. *see* Dede, E.J. 119983
Estevez, L., Kehtarnavaz, N. A real-time histographic approach to road sign recognition 77425
Estola, K.-P., Kronlof, K., Pulkkinen, O. DSP in wireless communications 99147
Estop, P. *see* Le Naour, S. 102180
Estop, P. *see* Verhaege, T. 81171
Estrada, P. Beyond logic synthesis 61741
Estrada del Cueto, M., Altuzarra, A.C. On the analysis of C-V curves for high resistivity substrates 119828
Estrada P., J.M. *see* Garcia, R.L. 102906
Estraillier, P. *see* Thiell, G. 85421
Estraillier, Ph. *see* Jolly, A. 85416
Estreicher, S.K. *see* Sopori, B.L. 94289
Estrera, J.P., Sinor, T.W., Passmore, K.T., Rector, M. Development of extended red (1.0-1.3 μm) image intensifiers 74080
Estrera, J.P. *see* Sinor, T.W. 74079
Estrin, B. *see* Dikansky, N.S. 89778
Estrin, D. *see* Mitzel, D.J. 87792
Estrin, D. *see* Shenker, S. 67785
Estrin, D. *see* Shenker, S. 98675
Estrin, J., Casner, S. Multimedia over IP: specs show the way 109196
Esumi, K. *see* Togawa, Y. 81510
Eswaran, C. *see* Ramana Rao, Y.V. 117820
Eswarappa, C., Hoefer, W.J.R. Fast S-parameter computation of a microstrip interdigital filter using TLM, Prony's and digital filtering techniques 73656
Eswarappa, C., Hoefer, W.J.R. A hybrid 3D TLM-FDTD model of microwave fields 97240
Eswarappa, C., Hoefer, W.J.R. Absorbing boundary conditions for time-domain TLM and FDTD analysis of electromagnetic structures 116858
Etchells, S. Implementing NHS-wide networking and message-handling services: from strategy to implementation 67816
Etchepare, J. *see* Albert, O. 76205
Etchin, S. *see* Musil, C.R. 114885
Etemad, M.R. *see* Pullen, K.R. 91877
Etemad, M.R. *see* Waring, R. 106638
Etemad, S., Scerbo, E., DeRosa, F., Burpee, C. Integrity of optical fiber communication components: reliability of structural epoxy 78795
Etemadi, K. *see* Wallace, R.L. 112376
Ethan Cheng Yi-Hsun *see* Yi-Hsun Ethan Cheng
Etienne, B. *see* Dahl, C. 62981
Etienne, B. *see* Huant, S. 105295
Etienne, B. *see* Mandray, A. 62744
Etienne, B. *see* Sfaxi, L. 62983
Etienne, B. *see* Stepniewski, R. 62861
Etienne, P. *see* Parillaud, O. 61218
Etkin, J. *see* Ruth, G. 108744
Eto, J. *see* Busch, J.F. 91059
Eto, M. *see* Mizuno, T. 106097
Eto, T. *see* Ozaki, M. 88915
Etoh, A. *see* Yamanashi, H. 92852
Etoh, M. *see* Hoshino, T. 102054
Etourneau, P., Leveque, Ph., Jecko, B. A new behaviour of coaxially fed rectangular microstrip antennas printed on thick substrate 66052
Etrillard, J., Heliot, F., Ossart, P., Juhel, M., Patriarche, G., Carcenac, P., Vieu, C., Puech, M., Maquin, P. Sidewall and surface induced damage comparison between reactive ion etching and inductive plasma etching of InP using a CH$_4$/H$_2$O$_2$ gas mixture 84136
Etsin, I.Sh. *see* Butenko, L.N. 69500
Etten, W.C.van *see* van Etten, W.C.
Etten, W.van *see* van Etten, W.
Etter, A., Bartschi, D., Karrer, H. Trends in telecommunication–from the in frastructure to the service provision: possibilities for power supply undertakings in the liberalised telecom market 98547
Etter, D.M. *see* Orsak, G.C. 60445
Etter, D.M. *see* Whitman, R.K. 117296

Etter, W. Restoration of a discrete-time signal segment by interpolation based on the left-sided and right-sided autoregressive parameters 66812
Ettinger, G.J., Grimson, W.E.L., Leventon, M.E., Kikinis, R., Gugino, V., Cote, W., Karapelou, M., Aglio, L., Shenton, M., Potts, G., Alexander, E. Non-invasive functional brain mapping using registered transcranial magnetic stimulation 110704
Ettinger, G.J. *see* Grimson, W.E.L. 80185
Ettinger, R.D. *see* Haes, J. 76540
Ettl, P., Creath, K. Comparison of phase-unwrapping algorithms by using gradient of first failure 108517
Ettrich, K., Blaschke, H., Welsch, E., Thomsen-Schmidt, P., Schafer, D. UV-laser investigation of dielectric thin films 107466
Etxeandia, J. *see* Laurent, G. 90049
Etzion, T. On the nonexistence of perfect codes in the Johnson scheme 97576
Etzion, T. Nonequivalent q-ary perfect codes 108156
Etzion, T., Bitan, S. On the chromatic number, colorings, and codes of the Johnson graph 113136
Etzion, T., Paterson, K.G. Near optimal single-track Gray codes 66281
Etzion, T. *see* Mitchell, C.J. 97548
Etzkorn, F.J. *see* Ausset, P. 100679
Eudaldo, T. *see* Jornet, N. 90663
Eudes, P. *see* Lautridou, P. 69792
Eudy, W.T. *see* Schwartzenberg, J.W. 91679
Eugene, C. *see* Gueuning, F. 111399
Eugene, Ch. *see* Dupuis, P. 120274
Eugeni, F. *see* Dass, B.K. 108140
Eugenieva, E. *see* Dreischuh, A. 107533
Euh, E.S. *see* Esbensen, H. 62534
Eui Hyeok Yang, Sang Sik Yang Fabrication of an electrostatic micropump with p$^+$ silicon diaphragms 106272
Eui Lee Yong *see* Yong Eui Lee
Eui Pyun Kwahgn *see* Kwahgn Eui Pyun
Eui Pyun Kwang *see* Kwang Eui Pyun
Eui Yun Jeong *see* Jeong Eui Yun
Euijoon Yoon *see* Jin-Won Park 84084
Euijoon Yoon *see* Seok-Hee Hwang 83794
Euler, H.-J. *see* Hill, C.D. 68761
Eum, D., Minoura, T. Structural active object systems for mixed-mode simulation 73062
Eum Joo-wook *see* Joo-wook Eum
Eum Kyoung-Bae *see* Kyoung-Bae Eum
Eum Nak Woong *see* Nak Woong Eum
Eun, K.Y. *see* Lee, K.R. 95369
Eun, M.S. *see* Kim, D.W. 108301
Eun Changsoo *see* Changsoo Eun
Eun Deok Sim *see* Chae Deok Lee 92748
Eun Gu Lee, Wouters, D.J., Willems, G., Maes, H.E. Voltage shift and deformation in the hysteresis loop of $Pb(Zr,Ti)O_3$ thin film by defects 95279
Eun Jae Jeong *see* Jae Jeong Eun
Eun Kim Tae *see* Tae Eun Kim
Eun Kyu Kim, Maeng Ho Son, Suk-Ki Min, Han, Y.K., Wang, C.H., Yom, S.S. Postgrowth annealing effects of TiO_2 thin films grown on InP substrate at low-temperature by metal-organic chemical-vapor deposition 63217
Eun Kyu Kim *see* Byung Don Min 84106
Eun Kyu Kim *see* Chang-Sik Son 83862
Eun Kyu Kim *see* Chang-Sik Son 105158
Eun Kyu Kim *see* Maeng Ho Son 104119
Eun Kyu Kim *see* Seong-Il Kim 92697
Eun Kyu Kim *see* Tae Geun Kim 94520
Eun Kyu Kim *see* Tae-Geun Kim 105314
Eun Myoung-Su *see* Myoung-Su Eun
Eun Seong Bae *see* Seong Bae Eun
Eun-Hee Cirlin *see* Bradley, R.M. 79705
Eun-Ho Lee *see* Jong-Woo Shin 74974
Eun-Hwa Kho *see* Jun-Seok Park 114218
Eun-Hyang Lee, Hyeoungkyu Chang, Sung-Ik Jun, Ju-Hyun Cho A cross debugging architecture for switching software 118719
Eun-Jin Kim *see* Vainshtein, S.I. 81479
Eun-Mi Han, Lee-Mi Do, Yamamoto, N., Fujihira, M. Study of interfacial degradation and morphological change of the vapor-deposited bilayer of Alq_3/TPD for organic electroluminescent devices by AFM and PL technique 75740
Eun-Sang Choo *see* Chang-Soo Huh 74349
Eun-Sik Kim *see* Jin-Soo Lee 68196
Eun-Soo Kim, Kee-Yeon Joe, Moon-Hoo Kye, Heon-Hoi Koo A 13 kW high frequency FB ZVS DC-DC converter with additional capacitors 71440
Eun-Soo Kim, Kee-Yeon Joe, Moon-Ho Kye, Yoon-Ho Kim, Byung-Do Yoon An improved soft switching PWM FB DC/DC converter for reducing conduction losses 121625
Eun-Soo Kim *see* Hee-Je Kim 107214
Eun-Soo Kim *see* Hoon-Gee Yang 65574
Eun-Soo Kim *see* Hoon-Gee Yang 117750
Eun-Soo Nam *see* Chan-Yong Park 85276
Eun-Soon Oh *see* Moon-Deock Kim 85487
Eun-Tae Kim *see* Shin, J. 88076
Eunah Kim *see* Zhong-Tao Jiang 115101
Eundo, T. *see* Konuma, K. 69286
Eung Don Lee *see* Chang Ki Jeong 86050
Eung Hyuk Lee *see* Yung Hyun Moon 111530
Eung Kim In *see* In Eung Kim
Eung Park Chan *see* Chan Eung Park
Eung Su Kim *see* Choonsuk Oh 108667
Eung-Hyuk Lee *see* Young-Hyun Moon 101676
Eung-Hyuk Lee *see* Young-Hyun Moon 101727
Eung-Joo Lee, In-Gab Jeong, Yang-Woo Park, Yeong-Ho Ha, Gwang-Choon Lee Color enhancement of TV picture using RGB sensor 68846
Eung-Joo Lee *see* Chae-Soo Lee 86620
Eung-Joo Lee *see* Kyeong-Man Kim 98235
Eung-Kyeu Kim Error correction in laser scanner 3D measurement 96861
Eung-Seok Kim, Mee-Seub Lim, Kwon-Ho Kim, Kwang-Bae Kim Implementation of robust adaptive controller with switching action for direct drive manipulators 81932
Eung-Sik Kim *see* Suk-Won Min 81105
Eungcheon, K., Sungtaek, J. Network architecture for the new telecommunication environment 67617
Eungsoo Kim, Kyung-Won Cho, Hyung-Woo Jang, Soon-Kwon Lim New mechanism of contact electromigration 84214
Eungsoo Kim, Sangchul Shim, Changbum Jeong, Soonkwon Lim A study of the interface phenomena of TiW/Si and TiN/Ti/Si 84243
EungSoon Shin *see* DongSeung Kwon 87367
Eunjoo Kim, Kato, G., Takeda, T., Ohki, Y. Effect of γ-ray irradiation on thermally stimulated current in polyethersulfone 64140
Eunjoo Kim, Takeda, T., Ohki, Y. Low-temperature TSC peak of polyethersulfone 64139
Eunsung Lim, Sijung Chang, Moon Ho Lee Image coding in wavelet transform domain using non-linear quincunx interpolation filtering 117783
Eunyong Ha, Yanghee Choi, Chongsang Kim A new pre-handoff scheme for picocellular networks 99260
Eurecom, I. *see* Dengler, J. 78211
Eurlings, M.F.A. *see* Vugts, M.J.M. 114926
Eurlings, M.F.A. *see* Vugts, M.J.M. 114927
Eustache, P., Meunier, G., Coulomb, J.L. Finite element toolbox for generic coupling (magnetic, thermal, etc.) 65645
Euteneuer, A. *see* Hellmann, R. 74401
Euteneuer, H. *see* Drescher, P. 105007
Euteneuer, H. *see* Hartmann, P. 120119
Euy Kyo Oh *see* Seung Chang Park 98587
Eva, E., Mann, K., Kaiser, N., Anton, B., Henking, R., Ristau, D., Weissbrodt, P., Mademann, D., Raupach, L., Hacker, E. Laser conditioning of LaF_3/MgF_2 dielectric coatings at 248 nm 116187
Eva, E., Mann, K., Schallenberg, U.B., Kaiser, N., Henking, R., Ristau, D. Influence of the number of double layers on the damage threshold of Al_2O_3/SiO_2 and LaF_3/MgF_2 mirrors at 248 nm 107471
Eva, E. *see* Mann, K. 107447
Evako, A.V., Kopperman, R., Mukhin, Y.V. Dimensional properties of graphs and digital spaces 60866
Evangelides, S.G. *see* Khatri, F.I. 88505
Evangelides, S.G., Jr., Gordon, J.P. Energy transfers and frequency shifts from three soliton collisions in a multiplexed transmission line with periodic amplification 88538
Evangelides, S.G., Jr., Nyman, B.M., Harvey, G.T., Mollenauer, L.F., Mamyshev, P.V., Saylors, M.L., Korotky, S.K., Koren, U., Strasser, T.A., Veselka, J.J., Evankow, J.D., Lucero, A., Nagel, J., Sulhoff, J., Zyskind, J., Corbett, P.C., Mills, M.A., Ferguson, G.A. Soliton WDM transmission with and without guiding filters 109667
Evangelides, S.J. *see* Feggeler, J.C. 78683
Evangelista, G. The coding gain of multiplexed wavelet transforms 76878
Evangelista, R. *see* Salvetti, O. 77506
Evanko, S.M. *see* Gesell, L.H. 116026
Evankow, J.D. *see* Bergano, N.S. 88646
Evankow, J.D. *see* Evangelides, S.G., Jr. 109667
Evankow, J.D., Jr. *see* Srivastava, A.K. 65112
Evanosky, T.L. *see* Chand, N. 75990
Evanosky, T.L. *see* Chand, N. 107269
Evanosky, T.L. *see* Osenbach, J.W. 65267
Evanosky, T.L. *see* Osenbach, J.W. 75728
Evanosky, T.L. *see* Osenbach, J.W. 95993
Evans, A. *see* Riley, J. 61227
Evans, A.F., Racki, J.G. Attosecond measurement resolution of short-length polarization mode dispersion in optical fiber and effects of twist 64702
Evans, A.G. *see* He, M.Y. 63448
Evans, A.G.R. *see* Udrea, F. 105492
Evans, A.H., Macii, E. A heuristic algorithm for the minimization of test application time in digital circuits with boundary-scan capabilities 113928
Evans, B.G. *see* Agius, A.A. 88175
Evans, B.G. *see* Apostolas, C. 87852
Evans, B.G. *see* Aziz, H.M. 88797
Evans, B.G. *see* He, X. 88184
Evans, B.G. *see* Parks, M.A.N. 85860
Evans, B.G. *see* Qi, R. 117298
Evans, B.G. *see* Saunders, S.R. 99354
Evans, B.G. *see* Taaghol, P. 88338
Evans, B.G. *see* Xiaoping He 109490
Evans, B.G. *see* Yeldener, S. 98951
Evans, B.G. *see* Zhao, W. 88181
Evans, C., Rees, D., Jones, L., Weiss, M. Periodic signals for measuring nonlinear Volterra kernels 66673
Evans, C. *see* Weiss, M. 108269
Evans, C.A. *see* Jones, T.D. 90734
Evans, D., Reeve, P.A. Automated high saturation B-H measuring equipment 100281
Evans, D. *see* Covino, J. 73355
Evans, D.A. *see* Schneider, A. 74465
Evans, D.A. *see* Wolfframm, D. 82592
Evans, D.H. *see* Kenton, A.R. 69982
Evans, D.H. *see* Moraes, R. 70040
Evans, D.H. *see* Willink, R. 120400
Evans, D.J., Al-Wali, A.A. Inner-outer iterative techniques in the explicit alternating direction (EAD) method 72614
Evans, D.J., Broderick, T.F., Woodhouse, J.B., Hoenigman, J.R. The role of intermetallic precipitates in Ti-62222S 113514
Evans, D.J., Martins, M.M., Trigo, M.E. On preconditioned MSOR iterations 72640
Evans, D.J., Sukon, K.S. The alternating group explicit (AGE) iterative method for variable coefficient parabolic equations 72688
Evans, D.J., Yaakub, A.R. A new Runge Kutta RK(4,4) method 72686
Evans, D.J., Yaakub, A.R. A new fifth order weighted Runge Kutta formula 72691
Evans, D.J. *see* Al-Wali, A.A. 92616
Evans, D.J. *see* Changjun Li 72637
Evans, D.J. *see* Chawla, M.M. 72739
Evans, D.J. *see* Sukon, K.S. 72641
Evans, D.J. *see* Wang Deren 72650
Evans, D.J. *see* Yuan, J. 113236
Evans, D.L., Freeman, A. Beyond SIR-C/X-SAR 88690
Evans, D.L. *see* Freeman, A. 68630
Evans, D.R. *see* Corder, D.A. 112830
Evans, D.S., Prince, A. The reaction of 80 wt.% Au–20 wt.% Sn solder alloy with gallium 114850
Evans, E.B. *see* Green, E.D.H. 95980
Evans, G. *see* Cooper, J.D. 102312
Evans, G.A. *see* Liu, J. 93730
Evans, G.C. *see* Lewis, C.P. 100435
Evans, G.J. *see* Lobley, R.A. 102858
Evans, H. *see* Swarnakar, V. 110708
Evans, H.E. *see* Daugert, R.D. 104797
Evans, H.E. *see* Truscott, P.R. 80080
Evans, H.E. *see* Truscott, P.R. 100827
Evans, H.E., II, Hibbeln, B.A. The theory of single sensor altitude determination 90887
Evans, J., Amaratunga, G. The behaviour of very high current density power MOSFETs 106000
Evans, J., Everitt, D. Effective interference: a novel approach for interference modelling and traffic analysis in CDMA cellular networks 78575
Evans, J., Everitt, D. Call admission control in multiple service DS-CDMA cellular networks 109430
Evans, J., Mekshes, M. Reengineering of medical departments through the Defense Performance Review 80171
Evans, J. *see* Lawrence, D. 68772
Evans, J. *see* Mao Wang 117852
Evans, J.B., Niehaus, D., Petr, D.W., Frost, V.S., Minden, G.J., Ewy, B.J. A 622 Mb/s LAN/WAN gateway and experiences with wide area ATM networking 67796
Evans, J.B. *see* Kapadia, S.S. 88017
Evans, J.C., Smith, J.S., Lucas, J. Improving navigation using active landmark recognition 67158
Evans, J.D., Letal, G.J., Li, G.P., Simmons, J.G. The contribution of lateral current spreading to the temperature sensitivity of strained-layer, multiple-quantum-well, long wavelength, ridge waveguide lasers 65196
Evans, J.L. *see* Farrington, P.A. 82171
Evans, J.M. *see* Gritten, M.P. 65162
Evans, J.P.O., Godber, S.X., Robinson, M. The derivation of 2½-D image models from one-dimensional X-ray image sensors 98219
Evans, J.P.O. *see* Petty, R.S. 79552
Evans, J.P.O. *see* Robinson, M. 77335
Evans, J.T., Jr. *see* Aggarwal, S. 115461
Evans, J.W., Evans, J.Y., Yu, B.K. Designing and building-in reliability in advanced microelectronic assemblies and structures 72347
Evans, J.W. *see* Ogunjimi, A.O. 74627
Evans, J.W. *see* Yufei Chen 81961
Evans, J.W. *see* Yufei Chen 121858
Evans, J.W. *see* Yufei Chen 121867
Evans, J.Y. *see* Evans, J.W. 72347
Evans, K. *see* Ting, A. 96478
Evans, K., Jr. *see* Chung, Y. 100534
Evans, K.G. *see* Davies, M.A. 98625
Evans, K.R. *see* Look, D.C. 94344
Evans, L.G. *see* Koenen, M. 100875
Evans, L.R. The Large Hadron Collider 79904
Evans, L.R. The present status of LHC 90032
Evans, M. *see* Mawby, P.A. 63646
Evans, M.A., Marnane, W.P. Synthesizing testable systolic arrays 73436
Evans, M.D. *see* Law, H.H. 63413
Evans, N.E. Measured effect of seasonal foliage growth on a short UHF telemetry link 87650
Evans, P. *see* O'Dwyer, J. 96907
Evans, P.M. *see* Hansen, V.N. 80449
Evans, P.W., Holonyak, N., Jr. Room temperature photopumped laser operation of native-oxide-defined coupled GaAs-AlAs superlattice microrings 116536
Evans, P.W., Holonyak, N., Jr., Ries, M.J., Chen, E.I., Minervini, A.D. Mode reduction, Q loss, gain saturation, and bandfilling modification of the light versus current characteristics of thin (~0.9 μm) quantum well heterostructure lasers 75940
Evans, R. *see* Dixon, A. 99733
Evans, R.H., Zubrzycki, J.T. Radio cameras for television programme production 79147

Evans, R.J., Stember, M.J., Ray, R.L. The tradeoffs and realities of a low power high-volume design: a case study of the IBM ThinkPad 701 102888
Evans, R.J. *see* Amone, D.D. 105272
Evans, R.J. *see* Bardwell, J.A. 74612
Evans, R.J. *see* Kershaw, D.J. 97675
Evans, S. LAN/WAN networking directions 67783
Evans, S. *see* McAloone, T.C. 60760
Evans, S. *see* Rose, E.P. 60552
Evans, W., Pippenger, N. Lower bounds for noisy Boolean decision trees 92462
Evans, W.S., Schulman, L.J. Information theory and noisy computation 66230
Evans, W.T. *see* Maran, R.M. 69487
Evanson, D. *see* Connor, S.D. 115161
Evci, C.C. *see* Delprat, M. 109284
Evdokimov, A.A. *see* Arsenjev, A.P. 70243
Evdokimov, B.M. *see* Arbuzov, Yu.D. 81871
Evdokimov, V.M. *see* Balagurov, L.A. 83813
Evdokimov, V.N. *see* Brekhovskikh, V.V. 80013
Even, G., Litman, A. Overcoming chip-to-chip delays and clock skews 104505
Even, O. *see* Barak, J. 73388
Even, O. *see* Barak, J. 104553
Even, R. *see* Bodet, J.M. 112215
Evennou, F. *see* Quinquis, A. 111274
Evensen, L. *see* Avset, B.S. 110563
Evensen, L. *see* Westgaard, T.I. 110566
Evenson, K.M. *see* Schneider, M. 96103
Evenson, K.M. *see* Tachikawa, M. 96114
Evenson, K.M. *see* Tachikawa, M. 116295
Evenson, K.M. *see* Zerbetto, S.C. 75798
Evenson, K.M. *see* Zerbetto, S.C. 75799
Everall, L.A. *see* Williams, J.A.R. 95695
Everett, D.F., Sparr, L.M. Wide-Field Infrared Explorer spacecraft system design 90675
Everett, H.R., Gage, D.W. Navigational referencing techniques for real-world environments 89481
Everett, L.J., Burnett, M.S. Experimentally registering position sensors 79712
Everett, M.E., Schultz, A. Geomagnetic induction in a heterogenous sphere: azimuthally symmetric test computations and the response of an undulating 660-km discontinuity 96941
Everett, M.J. *see* Gordon, D. 89680
Everitt, B.A., Wang, D., Daughton, J.M. Spin valves with NiO pinning layer 115636
Everitt, B.A. *see* Beech, R.S. 115876
Everitt, B.A. *see* Pohm, A.V. 115875
Everitt, D. *see* Evans, J. 78575
Everitt, D. *see* Evans, J. 109430
Everitt, D. *see* Senarath, G.N. 88164
Everitt, D. *see* Senarath, G.N. 118968
Everitt, D. *see* Yates, J. 88581
Everitt, D.E. *see* Yates, J.M. 78752
Evers, C. *see* Castaldo, R. 70429
Evers, C. *see* Castaldo, R. 80583
Evers, C. *see* Castaldo, R. 120653
Evers, D. *see* Leslie, I.M. 109207
Evers, H., Kasties, G., Jeske, R. DGPS vehicle location in a container terminal area 79066
Evers, H.-O. Protecting reactor pressure vessels against brittle fracture and ductile fracture 91278
Evers, I. *see* Chen, J.D.Z. 117402
Evers, N., Vendier, O., Chun, C., Murti, M.R., Laskar, J., Jokerst, N.M., Moise, T.S., Kao, Y.-C. Thin film pseudomorphic $AlAs/In_{0.53}Ga_{0.47}As/InAs$ resonant tunnelling diodes integrated onto Si substrates 105859
Evers, T., Dahl, H., Wriedt, T. Extension of the program 3D MMP with a fifth order Gaussian beam 96954
Eversheim, P.D., Gebel, R., Altmeier, M., Felden, O., Heimann, C., Kammermann, M., Kretschmer, W., Weidmann, R., Mummler, K., Aumuller, B., Glombik, A., Paetz gen Schieck, H., Lemaitre, S., Reckenfelderbaumer, R., Eggert, M., Suttorp, O. The polarized ion source for COSY 120080
Eversheim, P.D., Gebel, R., Schmitt, H.W., Kuhn, S., Hinterberger, F. Precise position- and angle-control of a proton beam 69606
Eversheim, P.D. *see* Albers, D. 69756
Evert, A., Jaap, D., Hans, F., Bertil, I. Restoration of the Swedish bulk-power transmission system following a major disturbance 101871
Evett, B. Break for bad weather [overhead lines] 102186
Evett, B. Planning for the perfect project 102416
Evetts, J.E. *see* Nevirkovets, I.P. 95507
Eviatar, H., Somorjai, R.L. A fast, simple active contour algorithm for biomedical images 101217
Evmolpidis, V., van der Hel, W. Mobile data communications (MDC) and electronic data interchange (EDI) applications in small and medium size road transport operators in Europe: the METAFORA pilots 99423
Evrard, R. *see* Lampe, S. 74208
Evreinov, G.E., Kurkin, S.A. Prospects for access to visual information through proper stimulation of the auditory analyzer 110952
Evseenko, O.I. *see* Danilova, T.N. 116509
Evseev, R.E. *see* Obchinnikov, I.E. 121828
Evstratov, F.F., Kolossov, A.A., Kuzmin, A.A., Shustov, E.I., Yakunin, V.A., Abramovich, Yu.I., Alebastrov, V.A. Over-the-horizon radiolocation in Russia and Ukraine: The history and achievements 68669
Evstratov, I.Yu. *see* Dutov, A.I. 85358
Evstratov, I.Yu. *see* Dutov, A.I. 85367
Evstratov, I.Yu. *see* Dutov, A.I. 107082
Evstratov, L.Yu. *see* Dutov, A.I. 116354
Evtikhiev, N.N., Onykii, B.N., Repin, D.V., Scherbakov, I.B., Starikov, R.S. The hierarchical optoelectronic processor based on the neural network with pre-processing unit 77278
Evtikhov, M.G. *see* Balkarei, Yu.I. 62098
Evtukh, A.A., Litovchenko, V.G., Marchenko, R.I., Klyui, N.I., Semenovich, V., Neleo, C. Parameters of the tip arrays covered by low work function layers 83716
Evtukh, A.A., Litovchenko, V.G., Marchenko, R.I., Klyui, N.I., Semenovich, V., Nelep, C. Parameters of the tip arrays covered by low work function layers 73957
Evtushenko, O.V. *see* Gapochka, M.G. 94197
Evtushenko, Yu.A. *see* Gluskin, E. 101000
Evwaraye, A.O., Smith, S.R., Mitchel, W.C., Roth, M.D. Determination of the activation energy ε_3 for impurity conduction in n-type 4H-SiC 74298
Evwaraye, A.O. *see* Smith, S.R. 105299
Ewanizky, T.F. *see* Waidlich, J. 96127
Ewbank, M.D. *see* Rosker, M.J. 116646
Eweka, I.E., Rohan, J.F., Owen, J.R., Ritchie, A.G. Optical observation of the lithium/electrolyte solution interface during cycling 112216
Ewell, V.R. *see* Vladimer, J.A. 120766
Ewen, J. *see* Widmer, A. 78352
Ewen, J.F. *see* Burghartz, J.N. 83514
Ewenspoek, M. *see* Berenschot, E. 74944
Ewijk, L.J.van *see* van Ewijk, L.J.
Ewing, K.J. *see* Bucholtz, F. 75430
Ewing, R.E. *see* Zhangxin Chen 61096
Ewing, R.I. Burnup verification measurements at US nuclear utilities using the Fork system 111759
Ewing, R.L. *see* Read, B.C. 120625
Ewins, D.J. *see* Ensell, G. 79298
Ewiss, M.A.Zaki *see* Zaki Ewiss, M.A.
Ewy, B.J. *see* Evans, J.B. 67796
Excell, P.S., Olley, P., Jackson, N.N. Modelling of an arbitrarily-oriented mobile telephone handset in the finite-difference time-domain field computation method 99293
Excell, P.S. *see* Abd-Alhameed, R.A. 65976
Excell, P.S. *see* Tinniswood, A.D. 65811
Excell, P.S. *see* Tinniswood, A.D. 90644
Exford, J. Environmental monitors 'clean up' with latest technology 81306
Exner, P., Seba, P., Tater, M., Vanek, D. Bound states and scattering in quantum waveguides coupled laterally through a boundary window 116970
Exner, P., Vugalter, S.A. Asymptotic estimates for bound states in quantum waveguides coupled laterally through a narrow window 106830
Exon, N.J. *see* Keene, M.N. 75350
Exter, M.P.van *see* van Exter, M.P.
Exton, H. New generating functions for Gegenbauer polynomials 60957
Eyal, A., Brener, R., Besserman, R., Eizenberg, M., Atzmon, Z., Smith, D.J., Mayer, J.W. The effect of carbon on strain relaxation and phase formation in the $Ti/Si_{1-x-y}Ge_xC_y/Si$ contact system 83968
Eyal, O., Scharf, V., Shalem, S., Katzir, A. Single-mode mid-infrared silver halide planar waveguides 95798
Eyal, O. *see* Dankner, Y. 69196
Eyck, R.P.Ten *see* Ten Eyck, R.P.
Eyharts, Ph., Anthouard, Ph., Bardy, J., Bonnafond, C., Delsart, Ph., Devin, A., Eyl, P., Labrouche, J., Launspach, J., De Mascureau, J., Merle, E., Roques, A., Letallandier, P., Thevenot, M., Villate, D., Voisin, L. Status of the AIRIX induction accelerator 89740
Eyink, K.G., Capano, M.A., Walck, S.D., Haas, T.W., Streetman, B.G. In situ and ex situ spectroscopic investigation of low temperature grown gallium arsenide by molecular beam epitaxy 82684
Eyink, K.G. *see* Gwang-Hoon Park 82657
Eyl, P. *see* Eyharts, Ph. 89740
Eylon, S., Henestroza, E. A high charge state heavy ion beam source for HIF 89602
Eylon, S., Henestroza, E., Deadrick, F. K+ diode for the LLNL heavy ion recirculator accelerator experiment 90078
Eylon, S. *see* Friedman, A. 89692
Eylon, S. *see* Henestroza, E. 89707
Eylon, S. *see* Tauschwitz, A. 96956
Eylon, S. *see* Yu, S. 89736
Eynard, C. *see* Berruto, E. 78412
Eyraud, L. *see* Aurelle, N. 101600
Eyraud, L. *see* Isner-Brom, P. 106345
Eyraud, L. *see* Lefebvre, H. 106344
Eyraud, L. *see* Richard, C. 101598
Eyraud, L. *see* Roche, D. 100392
Eyre, B., Pister, K.S.J., Gekelman, W. Multi-axis micro-coil sensors in standard CMOS 79367
Eyre, J.R. *see* Kursinski, E.R. 70484
Eyrolles, P. *see* Krivine, J.-P. 102098
Eyssa, Y. *see* Pernambuco-Wise, P. 96971
Eyssa, Y.M., Bird, M.D., Gao, B.J., Schneider-Muntau, H.-J. Design and analysis of a 25 T resistive NMR magnet 96987
Eyssa, Y.M., Denis Markiewicz, W., Pernambuco-Wise, P. Plastic stress analysis of pulse and resistive magnets 96983
Eyssa, Y.M., Pernambuco Wise, P. Design and modeling of coupled pulse magnets (electrical and thermal) 96982
Eyssa, Y.M., Pernambuco Wise, P., Schneider-Muntau, H.-J., Van Cleemput, M., Jones, H. Comparative analysis of micro-composite and macro-composite conductors for pulse magnets 96972
Eyssa, Y.M. *see* Bird, M.D. 96968
Eyssa, Y.M. *see* Bird, M.D. 96986
Eyssa, Y.M. *see* Gao, B.J. 96977
Eyssa, Y.M. *see* Gao, B.J. 96989
Eyssa, Y.M. *see* Markiewicz, W.D. 95537
Eyssa, Y.M. *see* Swenson, C.A. 95548
Eyssa, Y.M. *see* Van Cleemput, M. 96973
Eyssen, J.van *see* van Eyssen, J.
Ezaki, T. *see* Tsutsumi, K. 91773
Ezawa, H., Hirayama, M., Kamae, T., Kubo, H., Matsuzaki, K., Nagata, K., Saito, Y., Ikeda, H., Tsukada, K., Ozawa, H., Takahashi, T., Murakami, H., Sano, Y., Shimizu, K. Development of the pulse-shape discrimination LSI for Astro-E Hard X-ray Detector 80081
Ezawa, H., Hirayama, M., Kamae, T., Kubo, H., Matsuzaki, K., Nagata, K., Saito, Y., Ikeda, H., Tsukada, K., Sano, Y., Shimizu, K., Ozawa, H., Takahashi, T., Murakami, H. Development of the pulse-shape discrimination LSI for Astro-E hard X-ray detector 100931
Ezawa, Y. *see* Suzuki, T. 64621
Ezekwenna, P.C. *see* Luo, H. 115511
Ezekwenna, P.C. *see* Marasinghe, G.K. 64214
Ezekwenna, P.C. *see* Yelon, W.B. 115547
Ezhilvalavan, S., Kutty, T.R.N. Low-voltage varistors based an zinc antimony spinel $Zn_7Sb_2O_{12}$ 63830
Ezhilvalavan, S. *see* Kutty, T.R.N. 95096
Ezhov, O.M. Modelling signal formation and processing in a stellar device with a photodetector array 110047
Ezis, A. *see* Gupta, A. 104859
Ezra, D. Look, no glasses [3D display system] 108686
Ezrin, M. *see* Holley, W.H. 112388
Ezumi, M., Otaka, T., Mori, H., Todokoro, H., Ose, Y. Development of critical dimension measurement scanning electron microscope for ULSI (S-8000 series) 115054
Ezura, E. *see* Akai, K. 100663
Ezura, E. *see* Kageyama, T. 100671
Ezura, E. *see* Liu, J. 100500
Ezura, E. *see* Naito, F. 100687
Ezura, E. *see* Takeuchi, Y. 100684
Ezura, E. *see* Yamazaki, Y. 100469
Ezura, E. *see* Yoshimoto, S. 100605
Ezz-El-Arab, M.A. *see* Agrama, E.E. 108590

F., A.Munoz *see* Munoz F., A.
F, J.A.Correa *see* Correa F, J.A.
F. Moneo, J.Ramon de *see* Ramon de F. Moneo, J.
F.-Calleja, J. *see* Contreras, M.C. 64371
Fa-Long Luo, Yan-Da Li, Chun-Xiang He Neural network approach to the TLS linear prediction frequency estimation problem 76905
Fa-Shen Li *see* Zhao-Hua Cheng 75086
Faa-Jeng Lin Application of EKF and RLS estimators in induction motor drive 121939
Faa-Jeng Lin A digital signal processor based robust integral-proportional controller for an induction motor servo drive 121948
Faatz, B., Pflueger, J., Pierini, P. Dependence of the VUV-FEL performance at the TESLA Test Facility on magnetic field errors 96561
Faatz, B. *see* Brefeld, W. 96530
Fabbretti, G., Farina, A., Laforenza, D., Vinelli, F. Mapping the synthetic aperture radar signal processor on a distributed-memory MIMD architecture 97832
Fabbri, F.L. *see* Agnello, M. 110583
Fabbri, F.L. *see* Losasso, M. 90242
Fabbri, L. The DAΦNE ϕ-factory at Frascati: collider project and physics program 119964
Fabbri, M. *see* Borghi, C.A. 65677
Fabbri, M. *see* Borghi, C.A. 107764
Fabbri, M. *see* Borghi, C.A. 107796
Fabbricatore, P., Farinon, S., Parodi, R., Baynham, E., Carr, S.F., Cragg, D.A., Greenhalgh, R.J.G., Sampson, P.L., O'Connor, T.G., Fackler, O., Bell, B., Burgess, W., Craddock, W., Boyce, R.F., Krebs, J., Yu, N., Heck, J.L. The superconducting magnet for the BABAR detector of the PEP-II B Factory at SLAC 90191
Fabbricatore, P., Musenich, R., Parodi, R., Gemme, G. Critical current measurements on the cables for LHC detector magnets 95555
Fabbricatore, P. *see* Ariante, M. 95405
Fabbricatore, P. *see* Kircher, F. 95567
Fabbrizio, V., Raynal, F., Mariaud, X., Kramer, A., Colli, G. Low power, low voltage conductance-mode CMOS analog neuron 62116
Fabel, M. *see* Bossert, P. 80848
Faber, A.J. *see* Yingchao Yan 96169
Faber, S.R. Unbundled products and the potential role of superconducting magnetic energy storage in a competitive electric marketplace 80894
Faber, T. *see* Baranovskii, S.D. 94385
Fabian, B. Automating ET [PCB test] 114423

Fabian, H. *see* Humbach, O. 116053
Fabian, P.E. *see* Jayakumar, R. 106722
Fabian, U. *see* Koenen, M. 100875
Fabio, M.A. *see* Serrano, E.P. 66825
Fabis, P.M. *see* Gomes-Casseres, M. 82208
Fabisiak, K. *see* Rozploch, F. 114897
Fabjan, C.W. LHC: physics, machine, experiments 119959
Fabjan, C.W. *see* Akesson, T. 69833
Fabo, P. *see* Kvasnica, B. 61486
Fabre, C. *see* Giacobino, E. 76199
Fabre, C. *see* Schwob, C. 76204
Fabre, E. New fast smoothers for multiscale systems 98087
Fabre, F., Senac, P., Diaz, M. A toolkit for the modelling of multimedia synchronization scenarios 118562
Fabre, J.-J. *see* Despretz, D. 120491
Fabre, J.-J. *see* Dubois, L. 120490
Fabre, J.-P. *see* Annis, P. 80121
Fabre, J.P. *see* Golovkin, S.V. 80125
Fabre, J.P. *see* Martellotti, G. 80122
Fabrega, J. *see* Balbuena, C. 103649
Fabregat-Gesa, R., Marzo-Lazaro, J.L., Ridao-Rodriguez, P. Resource dimensioning aspect of heterogeneous traffic with different service requirements: Integration versus segregation 77576
Fabricant, D. *see* Mcleod, B. 100135
Fabricius, N. *see* Hollenbach, U. 95792
Fabrikant, A. *see* Glazman, R.E. 70433
Fabris, A., Massarotti, A., Pasotti, C., Svandrlik, M. Operational performances and future upgrades for the ELETTRA RF system 100659
Fabris, A. *see* Bocchetta, C.J. 79809
Fabris, A. *see* Svandrlik, M. 100632
Fabris, R. *see* Bocchetta, C.J. 79809
Fabrizio, E.Di *see* Di Fabrizio, E.
Fabry, A. *see* van Hoorebeke, L. 69770
Fabry, L., Koster, L., Pahlke, S., Kotz, L., Hage, J. Diagnostic and monitoring tools of large scale Si-manufacturing: trace-analytical tools and techniques in Si-wafer manufacturing 94653
Fabry, P. *see* Attari, M. 119648
Facchini, B. *see* Carcasci, C. 81301
Facchini, L.M., Ho, T.Q. Spectral-domain analysis of shielded microstrip attenuators 73639
Faccini, R. *see* Basti, G. 90164
Faccio, F., Aspell, P., Heijne, E.H.M., Jarron, P., Borel, G. Analog performance of SOI MOSFETs up to 25 mrad (Si) 106018
Faccio, M. *see* Alesii, F. 95173
Faccio, M. *see* di Natale, C. 100155
Faccio, M. *see* Haberli, A. 119605
Fach, A. *see* Masek, J. 110153
Fach, A. *see* Muller, P. 114846
Fach, A. *see* Paglino, C. 69234
Fach, A. *see* Zogg, H. 69274
Fach, A. *see* Zogg, H. 72831
Fache, N. *see* Coen, G. 93655
Fache, N. *see* Sercu, J. 114225
Facheris, E. *see* Giuli, D. 70497
Facheris, L. *see* Capolino, F. 111202
Facheris, L. *see* Giuli, D. 68580
Facheris, L. *see* Giuli, D. 111200
Fack, V. *see* De Meyer, H. 72711
Fackler, O. *see* Fabbricatore, P. 90191
Fackler, O. *see* Heim, J. 79957
Fackler, O. *see* Heim, J. 100442
Fackrell, J.W.A., McLaughlin, S., White, P.R. Bicoherence estimation using the direct method. I. Theoretical considerations 117383
Fackrell, J.W.A., Stogioglou, A.G., McLaughlin, S. Robust frequency-domain bicoherence estimation 117494
Facon, J. Heterogeneous background images preprocessing 77538
Facon, J. *see* Borba, J.F. 73888
Facq, P. *see* Blondy, J.M. 64705
Facq, P. *see* Di Bin, P. 64701
Fadda, E., Clarisse, C., Paniez, P.J. Study of bake mechanisms in novolak based photoresist films: Investigation by contact angle measurements 105796
Fadeeva, N.V. *see* Kagan, M.B. 81870
Fadeeva, T.A. *see* Volyar, A.V. 75424
Fadeeva, T.A. *see* Volyar, A.V. 75425
Fadeeva, T.A. *see* Volyar, A.V. 116032
Fadel, M., Sharaf, K.M., Hegab, N.A. Some physical properties of the Bi-Sb-Se system 114657
Fadel, M. *see* Vonwald, P. 91823
Fadeyev, V. *see* Asner, D. 90163
Fadlallah Ali, F.El Alem *see* El Alem Fadlallah Ali, F.
Fadul, F., Krahe, R. Microprocessor based inverse-time multiple overcurrent relays 70979
Fadul, F.K. *see* Krahe, R.P. 68982
Faehl, R.J. *see* Davis, H.A. 119971
Faehnrich, W. *see* Christl, N. 81004
Faes, T.J.C. *see* Noordegraaf, A.V. 101393
Faez, K. *see* Shirali-Shahreza, M.H. 97971
Fag, I. *see* Hadorn, P. 102908
Fagaly, R.L. Laboratory applications of SQUIDs 64536
Fagan, J. *see* Ionescu, M. 95442
Fagan, J.G., Snyder, R.L., Hach, C., Jones, L., Ings, J.B., May, J., Simmins, J.J. Aspects of sintering barium hexaferrite with SiO_2, Al_2O_3, $CaCO_3$, and $Y_6Fe_{10}O_{24}$ additions for microwave applications 75163
Fagerholm, J., Friberg, A.T., Huttunen, J., Morgan, D.P., Salomaa, M.M. Angular-spectrum representation for localized waves 106444
Fagerlund, H. *see* Ikonen, E. 89101
Fagerlund, H. *see* Liedquist, L. 88905
Fagerstrom, D. *see* Lindeberg, T. 67240
Fagervik, K., Jeans, T.G. Low complexity bit by bit soft output demodulator 66550
Fages, F. *see* Jourdan, J. 108252
Fageth, R., Allen, W.G., Jager, U. Fuzzy logic classification in image processing 117553
Fagin, R., Naor, M., Winkler, P. Comparing information without leaking it 66269
Faglia, G. *see* Ferroni, M. 119757
Faglia, G. *see* Sberveglieri, G. 69370
Fagnani, F. *see* Willems, J.C. 77156
Fagot, C. *see* Cremoux, S. 104426
Fague, D.E., Dao, A., Karmel, C.R. Techniques for open loop modulation of a wideband VCO for DECT 73154
Fague, D.E. *see* McNaught-Davis Hess, K. 109539
Fagundes, J.C.S., Viarouge, P., Batista, A.J. Thermal modeling of pot core magnetic components used in high frequency static converters 102886
Fah Cheong Loong *see* Loong Fah Cheong
Fah Voo Thart *see* Thart Fah Voo
Fahai Li *see* Li Fahai
Fahd, G. *see* Sheble, G.B. 80964
Fahey, B. *see* McGrath, F.J. 68144
Fahey, K.P. Methods for measurement of development parameters in the manufacturing line for use in photolithography modeling 64431
Fahimi, H. *see* Saadat, A. 67107
Fahlander, C. *see* Ringbom, A. 69874
Fahlander, C. *see* Ringbom, A. 80134
Fahlsing, P.M. VFD retrofit provides 3.75-MW boost to air cooled Wyodak power plant 91344
Fahmi, A., Bourdin, J.P., Chevalier, R., Nguyen Phu, X., Rivoire, G. Influence of stimulated Rayleigh wing scattering in χ^3 measurements and wave mixing experiments in CS_2 76218
Fahmie, M. *see* Barry, W. 100607
Fahmy, H.I., Douligeris, C. Automatic network modeling, simulation and performance evaluation 108931
Fahmy, H.M., Van Deventer, T.E. A discretized integral equation approach for solving microstrip circuits embedded in inhomogeneous waveguides 83326
Fahmy, H.M., van Deventer, T.E. A modified method of lines for open and shielded structures 93678
Fahnle, M. *see* Millev, Y. 115476
Fahong Jin *see* Jin Fahong
Fahrenberg, J. *see* Maas, D. 74950
Fahrig, R., Rowlands, J.A., Yaffe, M.J. X-ray imaging with amorphous selenium: optimal spectra for digital mammography 80208
Fahrner, W.R. *see* Popovici, G. 84090
Fahrner, W.R. *see* Werner, M. 83972
Fahy, M.R. *see* Pratt, A.R. 62914
Fahy, M.R. *see* Sato, K. 113302
Fahy, M.R. *see* Yamaguchi, H. 92696
Fai Tong Kin *see* Kin Fai Tong
Fai Wong Chiu *see* Chiu Fai Wong
Fai Wong Wales Kin *see* Wales Kin Fai Wong
Faibish, S., Saban, I. Object detection and spatial reasoning by a laser imaging sensor 86797
Faifer, V., Dyukov, V., Pravdivtsev, P., Skurida, D. Measurement of the diffusion length in silicon wafers with improved spatial resolution 62671
Faig, J. *see* Hammersley, R.J. 121306
Failer, E., Sadeghi, M., Izadju, F. The Shahid-Abbaspour hydropower scheme 121385
Faina, L. *see* Cardelli, E. 96922
Fainberg, A. *see* Chubin, D. 103356
Fainer, N.I., Kosinova, M.L., Rumyantsev, Yu.M., Salman, E.G., Kuznetsov, F.A. Growth of PbS and CdS thin films by low-pressure chemical vapour deposition using dithiocarbamates 113426
Fainguelernt, J., Schwarzband, I., Agizim, G. A DSP-based technique for RC measurements under high-voltage interferences 100268
Faini, G., Vieu, C., Laruelle, F., Krauz, P., Bedel, E., Fontaine, C. Quantum box energy spectroscopy by 3D-0D resonant tunnelling 105409
Faini, G. *see* Mace, D.R. 63097
Fainman, Y. *see* Fang Xu 116750
Fainman, Y. *see* Ford, J. 65557
Fainman, Y. *see* Sasaki, H. 95907
Fainman, Y. *see* Shames, P. 95824
Fainstein, A., Jusserand, B., Thierry-Mieg, V. Raman efficiency in a planar microcavity 74424
Fair, I.J., Bhargava, V.K., Wang, Q. Properties of guided scrambling encoders and their coded sequences 66370
Fair, R. *see* Bobbio, S. 106287
Fair, R.B. Oxide thickness effect on boron diffusion in thin oxide p^+ Si gate technology 63231
Fair, R.B., Gafiteanu, R.A. Modeling boron diffusion in thin-oxide p^+ Si gate technology 114899
Fair, W.R. *see* Feleppa, E.J. 90372
Fairbairns, R. *see* Leslie, I.M. 109207
Fairbanks, E.J. *see* Paliwal, B.R. 120505
Fairbanks, M. *see* Cheese, J.J. 91918
Fairbrother, R.J. *see* Arcoumanis, C. 81980
Fairchild, M.D. Some hidden requirements for device-independent color imaging 89451
Fairfield, D.J. A multi-standard video codec architecture for the ISA/VL bus 98946
Fairhurst, G. *see* Samaraweera, N.K.G. 118152
Fairhurst, H., Goodyear, C.C. Robust recognition via the complex bicepstrum of the speech signal 97621
Fairhurst, M.C., Guest, R.M., Potter, J.M., Donnelly, N. Computer analysis of visuo-spatial function in the assessment of stroke patients 80187
Fairhurst, M.C., Higson, N. User tools for assessing visuo-motor integration through analysis of figure copying tasks 80186
Fairhurst, M.C. *see* Che, F.N. 80331
Fairley, R. *see* Benitez, H. 76497
Fairlie, S.A. *see* Little, C.E. 116376
Fairney, D.P. *see* Fairney, P.T. 77485
Fairney, P.T., Fairney, D.P. 3-D object recognition and orientation from single noisy 2-D images 77485
Faisal, M. *see* Palaniappan, K. 80637
Faist, J., Capasso, F., Sirtori, C., Sivco, D.L., Baillargeon, J.N., Hutchinson, A.L., Chu, S.-N.G., Cho, A.Y. High power mid-infrared (λ~5 μm) quantum cascade lasers operating above room temperature 75981
Faist, J., Capasso, F., Sirtori, C., Sivco, D.L., Hutchinson, A.L., Chu, S.-N.G., Cho, A.Y. Continuous wave operation of quantum cascade lasers based on vertical transitions at λ=4.6 μm 85460
Faist, J., Capasso, F., Sirtori, C., Sivco, D.L., Hutchinson, A.L., Chu, S.N.G., Cho, A.Y. Continuous wave quantum cascade lasers in the 4-10 μm wavelength region 96258
Faist, J., Gmachl, C., Striccoli, M., Sirtori, C., Capasso, F., Sivco, D.L., Cho, A.Y. Quantum cascade disk lasers 116540
Faist, J. *see* Capasso, F. 65210
Faist, J. *see* Capasso, F. 114740
Faist, J. *see* Sirtori, C. 65257
Faist, J. *see* Sirtori, C. 85461
Faith, M., Leech, P.W., Kemeny, P.C., Bazylenko, M., Ridgway, M. Buried channel waveguides formed by MeV ion implantation into PECVD grown silica on silicon 75531
Faith, M. *see* Bazylenko, M.V. 116074
Faith, M. *see* Canning, J. 96049
Faith, M. *see* Durandet, A. 75546
Faith, M. *see* Leech, P.W. 64767
Faith, M. *see* Leech, P.W. 75547
Faith, M. *see* Moss, D. 75530
Faith, M. *see* Moss, D. 106823
Faivre, C. *see* Belmont, O. 94300
Faiz, M. *see* Naya, J.E. 69895
Faizullov, T.F. *see* D'yakonov, M.V. 88705
Fajardo, J. *see* Urdaneta, A.J. 93981
Fajdiga, M., Jurejevcic, T., Kernc, J. Reliability prediction in early phases of product design 72354
Fajie Duan *see* Shenghua Ye 92170
Fajie Duan *see* Shenghua Ye 92294
Fakatselis, J., Chester, D.B. Subsampling digital IF receiver implementations 104654
Fakatselis, J., Petrick, A., Matschke, J. Spread-Spectrum Communications 99089
Fakete, D. *see* Batovrin, V.K. 64966
Fakhari, B. VSAT technology: Present and future 68336
Fakhri, G.El *see* El Fakhri, G.
Fakhrutdinov, R.M. *see* Antipov, Yu.M. 69794
Fakhrutdinov, R.M. *see* Borisov, A.A. 69795
Falabella, S.F. *see* Britten, J.A. 115984
Falcao, D.M. *see* Campagnolo, J.M. 101921
Falcao, D.M. *see* Decker, I.C. 101730
Falchetta, M. *see* Dutton, A.G. 102552
Falchuk, B., Karmouch, A. Feature set and architecture of a multimedia news system over an ATM network 87924
Falciasecca, G. The age of mobility [radio communication] 119065
Falciasecca, G. *see* Bellanea, G. 113266
Falciasecca, G. *see* Carciofi, C. 109488
Falciasecca, G. *see* Degli-Esposti, V. 116880
Falcigno, P. *see* Schaedeli, U. 105787
Falck, B. *see* Andreassen, S. 90501
Falck, B. *see* Stalberg, E. 80405
Falck, E., Gerlach, W., Reckel, W. Calculation of the blocking capability of SOI power devices under the influence of interconnections 63518
Falco, T., Francis, F., Lovejoy, S., Schertzer, D., Kerman, B., Drinkwater, M. Universal multifractal scaling of synthetic aperture radar images of sea-ice 90826
Falco Korn, C., Hormann, B., Ullrich, C.P. Verification may be better than estimation 92570
Falcon, C. *see* Ros, D. 69958
Falconbury, G.S. *see* Iman, R.L. 73856
Falcone, R.W. *see* Ditmire, T. 107514
Falcone, R.W. *see* Farkas, G. 107515
Falconer, D. Signal processing 108339
Falconer, D. A system architecture for broadband millimeter-wave access to an ATM LAN 109069
Falconer, D.D. *see* Bontu, C.S. 88306
Falconer, D.D. *see* Bontu, C.S. 88326
Falconer, D.D. *see* Jian Cui 117081
Falconer, D.D. *see* Mahmoud, A.S. 67729
Falconer, D.D. *see* Mahmoud, A.S. 98672
Falconer, D.D. *see* Van Heeswyk, F. 109449
Falconer, D.D. *see* van Heeswyk, F. 119021
Falconieri, M. *see* Tonelli, M. 96167
Falcony, C. *see* Sanchez, O. 92824

Falcoz, F., Kerboull, F., Druon, F., Balembois, F., Georges, P., Brun, A. Small-signal gain investigations for a continuous-wave diode-pumped Q-switched Cr:LiSAF laser 96207
Faleev, N.N. *see* Drescher, P. 105007
Faleh, M.S., Tasselli, J., Bailbe, J.P., Marty, A. Transistor-based evaluation of conduction-band offset in GaInP/GaAs heterojunction 94936
Falicov, L.M. *see* Dubon, O.D. 62675
Falin, G. Asymptotic optimization of limited access queueing systems with losses 87399
Falinower, C.M. *see* Benzian, Z. 80923
Falk, A., Jonsson, I.-M. PAWS: an agent for WWW-retrieval and filtering 87843
Falk, A. *see* Banichuk, N.V. 92148
Falk, E. *see* Alvsvaag, S.J. 90124
Falk, G. *see* Brueck, H.J. 74648
Falk, G. *see* Kragler, K. 63511
Falk, J. *see* Dong-Oh Lee 69426
Falke, T.H.M. *see* Galjee, M.A. 101273
Falke, U. *see* Hietschold, M. 113333
Falkenstorfer, O., Lindlein, N., Keinonen, T., Schwider, J. Diffraction-limited holographic lenses in dichromated gelatine 116748
Falkner, A. A capacitor-based device for the measurement of shaft torque 89211
Falkner, A. Capacitor-based instrumentation in the measurement of angular and linear displacement 100322
Fal'ko, V.I. *see* Kukushkin, I.V. 74339
Falko, V.L., Khankina, S.I., Yakovenko, V.M. Excitation of surface thermoplasmons by a beam of charged particles 63125
Falkovich, I.S., Kalinichenko, N.N., Sodin, L.G., Stanislavsky, A.A. An effective technique for measuring the dielectric constant of the ground to determine parameters of antennas, above an interface 66067
Falkovsky, N.I. *see* Serdjuk, Ju.V. 75014
Falkovsky, N.I. *see* Serdjuk, J.V. 64068
Falkowski, B.J. KGPMAP: library-based technology-mapping technique for antifuse based FPGAs 73197
Falkowski, B.J. *see* Lan, K.T. 104449
Falkowski, B.J. *see* Rahardja, S. 73308
Fall, K., Floyd, S. Simulation-based comparisons of Tahoe, Reno, and SACK TCP 108848
Fall, K., Pasquale, J., McCanne, S. Workstation video playback performance with competitive process load 118529
Fallah Tafti, M., Ravindran, G. Effect of age in brainstem auditory evoked potential monitoring 70151
Fallah-Adl, H., Jaja, J., Liang, S., Townshend, J., Kaufman, Y.J. Fast algorithms for removing atmospheric effects from satellite images 77463
Fallah-Adl, H., Jaja, J., Shunlin Liang Efficient algorithms for estimating atmospheric parameters for surface reflectance retrieval 101582
Fallahi, M., Peyghambarian, N., Kasunic, K., Dion, M., Wasilewski, Z. Circular-grating surface-emitting DBR laser array for free-space applications 96400
Fallahi, M. *see* Dion, M. 96303
Fallai, M. *see* Coccioli, R. 97274
Falle, D.B. Mobile satellites, roving customers and a distribution strategy 88252
Falle, D.B. Mobile satellite services: pie in the sky or a practical solution to the telecom needs of the Pacific? 88268
Fallen, N. *see* Sprevak, D. 106171
Faller, F. *see* Steffen, R. 94547
Faller, F. *see* Steffen, R. 105427
Fallerio, B. *see* Tansel, I. 79239
Fallica, G. *see* Battaglia, A. 63241
Fallica, G. *see* Cardella, G. 110599
Fallis, M.C. *see* Manca, J.J. 100695
Fallon, C.M., McDermott, B.A. Development and testing of a real-time digital voltage flickermeter 121130
Fallon, C.M. *see* Dalton, J.G., III 102041
Fallon, J. A European plug and socket system? Why? 93983
Fallon, M. *see* Elliott, J.P. 115305
Fallon, M. *see* Newsam, M.I. 119835
Fallon, M. *see* Peyne, C.M. 114955
Falong Luo *see* Luo Falong
Faloss, M., Canva, M., Georges, P., Brun, A., Chaput, F., Boilot, J.P. Pyrromethene doped xerogels for solid state dye laser systems 96121
Falsafi, A., Pahlavan, K., Ganing Yang A comparison of different wireless LAN transmission techniques using ray tracing 98673
Falsafi, A. *see* Pahlavan, K. 109092
Falsafi, B. *see* Mukherjee, S.S. 77941
Falster, R. *see* Jacob, M. 94216
Falt, C. *see* Freundorfer, A.P. 83366
Falt, C. *see* Freundorfer, A.P. 83444
Falt, C. *see* Freundorfer, A.P. 83537
Falt, J. *see* Gath, P.-A. 91835
Faltens, A. *see* Benjegerdes, R. 89806
Faltens, A. *see* Celata, C.M. 90010
Faltens, A. *see* Stuart, M. 89807
Family, F. *see* Amar, J.G. 60813
Fan, B. *see* Chang, C.S. 70735
Fan, C. An adaptive service model for supporting multimedia communications and applications 78230
Fan, C. *see* Yasuda, A. 88781
Fan, C.-C., Tsai, Z. Serial and parallel search with parallel I-Q matched filter for PN acquisition in PCS 118936
Fan, C.P., Yang, J.F. A circuit-oriented pipelined two dimensional Hadamard transform algorithm 97802
Fan, C.X. *see* Alzayed, N.S. 64504
Fan, C.Z. *see* Yang, H.Z. 74791
Fan, D.P. Impact of the mass media on calls to the CDC National AIDS Hotline 108990
Fan, D.Y. *see* Wen, G.J. 85557
Fan, F.-C. *see* Huang, Y.-J. 104978
Fan, H. *see* Doroslovacki, M.I. 66814
Fan, H. *see* Qiang Li 66832
Fan, J., Sale, F.R. Analysis of power loss on Mn-Zn ferrites prepared by different processing routes 115595
Fan, J. *see* Wolff, L.B. 77176
Fan, J.-F. *see* Gwo, S. 84108
Fan, J.C. *see* Chang, I.M. 106947
Fan, J.C. *see* Chuang, H.F. 105452
Fan, K.-C. *see* Hung, H.-L. 86915
Fan, L., Chang, K. Varactor-tuned patch antenna for wireless 117043
Fan, L., Wu, M.C., Lee, H.C., Grodzinski, P. 4×4 reconfigurable optical interconnection network using beam-steering vertical-cavity surface-emitting lasers 65005
Fan, L. *see* Ashour, T. 83305
Fan, L. *see* Montiel, C.M. 85982
Fan, M.K.H. *see* Yun Gong 113185
Fan, N.Q., Miller, J.H., Jr. Possible detection of macroscopic quantum spectra using a magnetic resonance technique 84913
Fan, P.Z., Darnell, M. Balanced quadriphase sequences with near-ideal autocorrelations 66235
Fan, P.Z., Darnell, M. On real and complex sequences with good correlation functions 76730
Fan, P.Z., Darnell, M. A novel hybrid CCMA/SSMA scheme 118036
Fan, P.Z. *see* Darnell, M. 66234
Fan, P.Z. *see* Gabidulin, E.M. 66233
Fan, Q. *see* Honig, A. 120094
Fan, R.J. Fiberoptic cryogenic feedthrough 119248
Fan, R.Y. *see* Fan, Z.X. 106922
Fan, T.C. *see* Chan, C.H. 100443
Fan, T.C. *see* Chang, L.H. 100457
Fan, W.J., Li, M.F., Chong, C., Xia, J.B. Electronic structures of the zinc-blende GaN/Ga$_{1-x}$Al$_x$N compressively strained superlattices and quantum wells 83920
Fan, X.W. *see* Shen, D.Z. 76110
Fan, Y., Thompson, W.E. A simple configurable systolic array 117358
Fan, Y., Thompson, W.E., Reihani, K. Spiral systolic design with asynchronous controls for LPF digital filters 117359
Fan, Y.D. *see* Feng, J.Y. 83841
Fan, Z., Antar, Y.M.M. Overlaid parallel coupled inset dielectric guides for broadband applications to directional couplers 83332
Fan, Z., Antar, Y.M.M., Pennock, S.R. The extended spectral domain approach applied to multilayer IDG structures containing magnetized ferrites 62144
Fan, Z., Mars, P. Effective bandwidth approach to connection admission control for multimedia traffic in ATM networks 98369
Fan, Z., Mars, P. Accurate approximation of cell loss probability for self-similar traffic in ATM networks 108776
Fan, Z., Pennock, S.R. Characteristics of coplanar waveguide loaded inset dielectric guide 62151
Fan, Z., Pennock, S.R. Analysis of asymmetrical multilayer ferrite-loaded fin lines 65945
Fan, Z. *see* Antar, Y.M.M. 65978
Fan, Z. *see* Harrison, D.J. 119643
Fan, Z.-F. *see* Mohammad, S.N. 106077
Fan, Z.-F. *see* Ruvimov, S. 105450
Fan, Z.F. *see* Suzue, K. 115141
Fan, Z.X., Fan, R.Y., Tang, X.F. Ion assisted deposition of optical coatings 106922
Fan, Z.X. *see* Zhao, Q. 107476
Fan Chang-xin *see* Chang-xin Fan
Fan Changxin *see* Ma Hongfei 86124
Fan Changxin *see* Changxin Fan
Fan Chi *see* Chi Fan
Fan Ching-Lin *see* Ching-Lin Fan
Fan Chongcheng *see* Chongcheng Fan
Fan Chongde *see* Chongde Fan
Fan Chongzhi *see* Yang Huazhong 106123
Fan Chuiying *see* Liu Hua 78658
Fan Chun-I *see* Chun-I Fan
Fan Dianyuan, Wen Guojun, Lu Junxiao Four-pass laser amplifier with active SBS mirror for application to ICF driver 85551
Fan Dianyuan *see* Zheng Yuxia 96181
Fan Guoying *see* Zhou Hongyu 69765
Fan Jang-Jong *see* Jang-Jong Fan
Fan Ji-Yuan *see* Ji-Yuan Fan
Fan Jian *see* Jian Fan
Fan Jianping *see* Jianping Fan
Fan Jianying *see* Wu Liying 79560
Fan Jin *see* Darnell, M. 66234
Fan Jun *see* Man Chengxiong 80797
Fan Junqing *see* Jia Yirong 64834
Fan Junqing *see* Lu Ping 64784
Fan Khong Fyong *see* Timofeev, V.I. 104811
Fan Kuo-Chin *see* Kuo-Chin Fan
Fan Laiyao, Zhang Congxia, Ji Hongbing Study of LMS algorithm for nonuniformly sampling sequence 86164
Fan Li *see* Li Fan
Fan Long-Sheng *see* Long-Sheng Fan
Fan Lu *see* Lu Fan
Fan Min, Lu Jingping, Wu Guannu, Ji Kangning, Lu Chuanxin, Liu Fengxiang, Song Yingsong Investigation of pulse generator driving electro-optical switch with plasma electrodes 64792
Fan Min *see* Lu Jingping 64793
Fan Ningning *see* Ningning Fan
Fan Ping-Lin *see* Ping-Lin Fan
Fan Pingyi, Cao Zhigang A matrix algorithm for computing the free space distance of TCM codes sequence 117144
Fan Pingyi, Cao Zhigang A class of signal waveforms for large scale Doppler frequency shift correction 119109
Fan Qi *see* Qi Fan
Fan Qing-Yu *see* Qing-Yu Fan
Fan Ren *see* Passlack, M. 84012
Fan Ruixing *see* Ruixing Fan
Fan Shangchun, Liu Guangyu Frequency response of a square composite diaphragm under lateral pressure 79284
Fan Shou-Shan *see* Shou-Shan Fan
Fan Wang *see* Chang, C.S. 70766
Fan Weibing, Zhang Jun, Tian Zhencai, Bi Xinan Implementation of VHF data link for civil aviation in China 80586
Fan Weixun *see* Zou Xiaoli 92134
Fan Xi-Jun *see* Wang Xiang-Tai 72871
Fan Xiaobing *see* Xiaobing Fan
Fan Xiaobo, Li Hongguang, Marone, M., Jir Duo, Ran Qize Using a chip resistor as a low temperature sensor 110117
Fan Xiwu *see* Liao Qiwei 74410
Fan You, Embabi, S.H.K., Duque-Carrillo, J.F., Sanchez-Sinencio, E. An improved current source for low voltage applications 104342
Fan Zhang *see* Sakis Meliopoulos, A.P. 70873
Fan Zhengfang, Xu Xiaojian, Zhao Su Wideband millimeter-wave radar and high resolution imaging 78981
Fan Zhifang *see* Zhifang Fan
Fan Zhiguo *see* Zhu Shengyun 110632
Fan Zhong, Chih-Chiang Chen, Cohen, J.D. Electronic structure and light induced degradation of amorphous silicon-germanium alloys 94412
Fan Zhong *see* Cohen, J.D. 94407
Fan Zhong *see* Wickboldt, P. 92837
Fan Zhong *see* Zhong Fan
Fan Zong-Huai, Susukita, H., Yoshimura, N., Yanagiwara, M. Relation between spherulites and water trees in polypropylene 64151
Fan-Ping Sun *see* Lalande, F. 82812
Fan-xiu Lu *see* Lu Fan-xiu
Fananapazir, L. *see* Shuqing Zhang 110731
Fancey, N.E., Gardiner, I.D., Vaughan, R.A. *(editors)* Determination of Geophysical Parameters From Space. Proceedings of the Forty-Third Scottish Universities Summer School in Physics. A NATO Advanced Study Institute 103282
Fandrich, F., Koehler, R. An X-ray sensitive CCD camera system and its application to the X-ray diffractometric investigation on area selective semiconductor epitaxy 119723
Fanelli, A. *see* Abbattista, F. 86705
Fanfoni, M., Goletti, C., Chiaradia, P., Ng, W., Cerrina, F., Hwu, Y., Terrasi, A., Margaritondo, G. Schottky barrier at the Au/GaP (110) interface 105441
Fanfoni, M. *see* Balzarotti, A. 120138
Fang, C. *see* Hong, T. 66881
Fang, C.C. *see* Chern, M.Y. 95362
Fang, C.S. *see* Ueng, T.S. 100559
Fang, F. *see* Mawst, L.J. 107295
Fang, F.F. *see* Dunford, R.B. 105287
Fang, G.Z. *see* Xin, J.G. 107106
Fang, H., Zhu, J.-G. Switching speed of longitudinal thin film recording media 115677
Fang, H. *see* Chang, T. 115710
Fang, H. *see* Ji, W. 74245
Fang, J.-M. *see* van Steenbergen, A. 119960
Fang, J.M. *see* Babzien, M. 96556
Fang, J.R. *see* Zhang, C. 75295
Fang, J.S., Chin, T.S. Rapid thermal annealing of two-phase nanocrystalline magnet alloys 64300
Fang, J.S., Chin, T.S., Chen, S.K. Nanocrystalline Nd$_6$Fe$_{88-x}$M$_x$B$_6$ (M=Ti or V) magnets by rapid thermal annealing 115542
Fang, J.S. *see* Chen, F.M. 115565
Fang, J.Z. *see* Hua Lin 72626
Fang, M.T.C. *see* Hong, T. 64032
Fang, N. *see* Gao, T. 66164
Fang, R., Geist, W., Brom, J.M., Bergdolt, A., Riester, J.L. Gain stability of microstrip gas chambers with high resistivity substrates 120167
Fang, R. *see* Paoletti, R. 96301
Fang, R.C. *see* Cui, J.B. 82747
Fang, S., Chiang, C., Fraser, D., Lee, B., Keswick, P., Chang, M., Fung, K. The role of polymer deposited in differential dielectric etch 84140
Fang, S.-C., Soon-Yi Wu Solving min-max problems and linear semi-infinite programs 103679
Fang, S.J., Chen, W., Yamanaka, T., Helms, C.R. Comparison of Si surface roughness measured by atomic force microscopy and ellipsometry 62681

Fang, S.J. *see* Bhat, C.M. 89794
Fang, S.X., Oide, K., Yokoya, K., Chen, B., Wang, J.Q. Microwave instabilities in electron rings with negative momentum compaction factor 79896
Fang, T., Morris, S. Overcurrent protection with PTC resistors 73846
Fang, T.M. *see* How, H. 73637
Fang, W., Wickert, J.A. Determining mean and gradient residual stresses in thin films using micromachined cantilevers 113578
Fang, W. *see* Bethea, C.G. 65270
Fang, W. *see* Minch, J. 116531
Fang, W.-H., Hung, M.-C. Fast algorithms for linear phase FIR filtering and modified covariance method 97859
Fang, W.-H. *see* Yi Chu 97865
Fang, W.C. *see* Malin, J.I. 119675
Fang, X. *see* Zhou, J. 108685
Fang, X.D. Application of computer aided animation of machining operations in support of a manufacturing course 82110
Fang, X.M., McCann, P.J., Liu, W.K. Growth studies of CaF$_2$ and BaF$_2$/CaF$_2$ on (100) silicon using RHEED and SEM 63131
Fang, Y., Danyluk, S., Lanagan, M.T. Effects of cracks on critical current density in Ag-sheathed superconductor tape 115901
Fang, Y. *see* Moore, R.K. 120800
Fang, Y.J., Macdonald, D.C. Application of fuzzy sliding mode control to the design of dynamic quadrature boosters for the enhancement of power system stability 91021
Fang, Y.K. *see* Chen, F.Y. 95305
Fang, Y.K. *see* Hwang, J.D. 61183
Fang, Z.-Q. *see* Look, D.C. 74262
Fang, Z.-Q. *see* McGregor, D.S. 80153
Fang, Z.-Q. *see* McGregor, D.S. 92663
Fang Bin *see* Liu Zugang 64950
Fang Chen *see* Chen Fang
Fang Chu The necessity and feasibility studies on hydrogen water chemistry of TPC's BWRs under the concerns of internal structure integrity and aging management strategy of boiling water reactors 121308
Fang Cui *see* Cui Fang
Fang Dagang *see* Long Yi 97275
Fang Dagang *see* Dagang Fang
Fang Deng Analytical modeling of commutation caused eddy current losses in permanent magnet brushless DC motors 102745
Fang Feng, Wei Zhao, Kumar, A. Bounding application-to-application delays for multimedia traffic in FDDI-based communication systems 87409
Fang Gefeng *see* Xie Huicai 115960
Fang Hua *see* Hua Fang
Fang Hui *see* Chen Bin 61513
Fang Hui *see* He Guoyu 65975
Fang Hui *see* He Guoyu 97085
Fang Jen-Yeu *see* Jen-Yeu Fang
Fang Ji *see* Ji Fang
Fang Jian *see* Jian Fang
Fang Jianguo *see* Li Yongping 70447
Fang Jiaxiong *see* Wang Zhengqui 79663
Fang Jiaxiong *see* Zhao Jun 94471
Fang Jiaxiong *see* Zhou Shuquan 75556
Fang Jiayuan *see* Jiayuan Fang
Fang Jinming Semi-closed elements and semi-interior operation on completely distributive lattices 92473
Fang Jinyuan *see* Jinyuan Fang
Fang Kui, Zhu Guo-qing C^2 biquintic interpolation spline curve and surface 60924
Fang Lu *see* Jian-Hong Zhu 94551
Fang Ming, Weixing Lu, Ye Yang, Yixin Ni, Hengxin Qu, Yonghua Peng Transient stability control of an area network 80827
Fang Ming *see* Lu Weixing 111438
Fang Peng *see* Peng Fang
Fang Qi, Jiang Min-Hua, Xu Dong, Lei Hong, Qu Zheng New multi-sulphur organic crystals for SHG 85625
Fang Rongchuan *see* Cui Jingbiao 104095
Fang Rongchuan *see* Rongchuan Fang
Fang Sheng *see* Sun Xiaopeng 73709
Fang Sheng *see* Sheng Fang
Fang Shu-Cherng *see* Shu-Cherng Fang
Fang Sun *see* Omachi, S. 108692
Fang Ta-Ming *see* Ta-Ming Fang
Fang Tzu-Ning *see* Tzu-Ning Fang
Fang Wai-Chi *see* Wai-Chi Fang
Fang Wan *see* Wan Fang
Fang Wei *see* Wei Fang
Fang WeN-Hsien *see* WeN-Hsien Fang
Fang Wu *see* Wu Fang
Fang Xiaojun *see* Xiaojun Fang
Fang Xingdong, Jin Weifang, Tu Demin Effect of electrical aging on space charge distribution in polyethylene 64131
Fang Xu, Rong-Chung Tyan, Pang-Chen Sun, Fainman, Y., Chuan-Cheng Cheng, Scherer, A. Form-birefringent computer-generated holograms 116750
Fang Xu *see* Ford, J. 65557
Fang Xue *see* Xue Fang
Fang Yean-Kuen *see* Yean-Kuen Fang
Fang Ying *see* Ying Fang
Fang Youbin *see* Youbin Fang
Fang Yujun *see* Yujun Fang
Fang Zhang Ming *see* Ming Fang Zhang
Fang Zheng Peng, Jih-Sheng Lai, McKeever, J.W., VanCoevering, J. A multilevel voltage-source inverter with separate DC sources for static VAr generation 112173
Fang Zheng Peng *see* Jih-Sheng Lai 71540
Fang Zheng Peng *see* Jih-Sheng Lai 71541
Fang Zhengxiu *see* Wang Mingli 95935
Fang Zhenhe, Zhang Jun, Wang Yi The HAL-3 airborne navigation radar 99636
Fang Zhichu, Gunter, E.J. Static analysis of 1150 MW nuclear turbine-generator system 111735
Fang Zhigao *see* Wang Guicheng 69862
Fang Zhihong The intelligent instantaneous fuel consumption monitor 99848
Fang Zhiliang *see* Zhai Hongchen 99895
Fang-Biau Ueng Adaptive lattice-form IIR blind equaliser 117300
Fang-Biau Ueng, Wen-Rong Wu, Su, Y.T., Ming-Jeng Hsieh Blind equalization using a self-orthogonalizing algorithm 77567
Fang-Biau Ueng *see* Su, Y.T. 99085
Fang-Chang Lin, Hsu, J.Y.-J. Cost-balanced cooperation protocol in multi-agent robotic systems 87439
Fang-Ching Ren *see* Chung-Ju Chang 99229
Fang-Fang Yin *see* Kai-Siung Chang 110900
Fang-Hsuan Cheng *see* Shih-Hsu Chang 87103
Fang-Jang Kuo *see* Jung-Shyr Wu 77636
Fang-Lin Chao *see* Ruey-Beei Wu 60616
Fang-Shing Wang, Meng-Jin Tsai, Wen-Koi Lai, Huang-Chung Cheng Investigation of the dosage effect on the activation of arsenic and boron-implanted low-pressure chemical vapor deposition (LPCVD) amorphous-silicon films 63232
Fang-Tsan Tsai *see* Jen-Jyh Hwang 71116
Fang-Wei Fu, Shi-Yi Shen Hypothesis testing for arbitrarily varying source with exponential-type constraint 66222
Fang-Wei Fu, Shi-Yi Shen Two classes of binary optimum constant-weight codes 66345
Fang-Wei Wang *see* Bo-Ping Hu 75087
Fang-Yi Lieu *see* Lieu Fang-Yi
Fangchun Yang *see* Yuzhang Liu 118555
Fangchun Yang *see* Yang Fangchun
Fangqing Jin *see* Dayue Zheng 69241
Fangqiu Liu *see* Liu Fangqiu
Fangshi Xue, Yanmao Deng, Chongren Zhang Microwave oscillation of GaAs/AlAs heterostructure interval transferred electron devices 83396
Fangshi Xue *see* Xue Fangshi
Fangwei Wang *see* Wang Fangwei
Fangzong Wang *see* Wang Fangzong
Fankhauser, F., II *see* Rovati, L. 101088
Fankov, S.E., Bugrova, T.I., Levchenko, I.V. Planar lenses for millimeter waves 66103
Fanlong Kong *see* Baida Lu 116927
Fanmin, K. *see* Kang, L. 79217
Fann, T.Y., Ochoa, J. Tunable single-frequency Yb:YAG laser with 1-W output power 65169
Fann Wun-Shain *see* Wun-Shain Fann
Fanney, A.H., Dougherty, B.P. The thermal performance of residential electric water heaters subjected to various off-peak schedules 81998
Fanni, A., Marchesi, M., Serri, A., Usai, M. A greedy genetic algorithm for continuous variables electromagnetic optimization problems [MRI application] 96904
Fanni, A. *see* Cincotti, S. 121827
Fanni, A. *see* Costamagna, E. 65919
Fanni, A. *see* Costamagna, E. 85923
Fanni, A. *see* Costamagna, E. 87512
Fanni, A. *see* Costamagna, E. 96891
Fanning, C.G. *see* Yuh-Jen Cheng 85452
Fanning, G., Yuh-Jen Cheng, Siegman, A.E. Axially diode pumped unstable resonator Nd:YVO$_4$ laser 65140
Fannucchi, W.A. Regulatory policy for EMF 90639
Fanpeng Kong *see* Kong Fanpeng
Fanping Sun *see* Chen Liang 61459
Fanshi Ilan *see* Ilan Fanshi
Fant, K. *see* Neubauer, M. 100686
Fant, K.M., Brandt, S.A. NULL Convention Logic™: a complete and consistent logic for asynchronous digital circuit synthesis 104506
Fantacci, E. *see* Del Guerra, A. 101315
Fantacci, M.E. Pixels GaAs detectors for digital radiography 120353
Fantacci, M.E. *see* Beccherle, R. 80297
Fantacci, R. Queuing analysis of the selective repeat automatic repeat request protocol wireless packet networks 68108
Fantacci, R., Scardi, M. Performance evaluation of preemptive polling schemes and ARQ techniques for indoor wireless networks 68107
Fantacci, R. *see* Del Re, E. 78570
Fante, R.L., Davis, R.M., Guella, T.P. Wideband cancellation of multiple mainbeam jammers 108084
Fantechi, R. The use of high performance microprocessors in consumer computing applications 114006
Fanti, G. *see* Angrilli, F. 70320
Fantinel, D. *see* Bortoletto, F. 100137
Fantini, F. *see* Borgarino, M. 94931
Fantini, F. *see* Cova, P. 62253
Fantini, F. *see* De Munari, I. 113755
Fantini, F. *see* Menozzi, R. 115252
Fantini, F. *see* Morgan, S. 115016
Fantini, F. *see* Scorzoni, A. 115028
Fantoni, A. *see* Macarico, A. 92906
Fantoni, A. *see* Vieira, M. 100022
Fantoni, R. *see* Ciucci, A. 111302
Fanyong Pu *see* Pu Fanyong
Fanyou Dai *see* Dai Fanyou
Faqiang Wang *see* Wang Faqiang
Far, A.Mahlooji *see* Mahlooji Far, A.
Far, B.H., Ohmori, M., Baba, T., Yamasaki, Y., Koono, Z. Merging CASE tools with knowledge-based technology for automatic software design 109300
Far, B.H. *see* Jilong Hua 118729
Far-Wen Jih *see* Chih-Cheng Hsieh 110218
Farag, A.A. *see* Ahmed, M. 86717
Farag, A.A. *see* Kadah, Y.M. 101189
Farag, A.S., Al-Shehri, A.M., Cheng, T.C., Du, Y., Hu, L., Penn, D. Magnetic field management of substations in high rise building 102136
Farag, A.S., Bakhashwain, J.M., Yaping Du, Cheng, T.C., Wang, F., Linzhi Hu, Zheng, G., Worland, E.M. Underground distribution systems oil switches failure diagnosis using artificial neural networks 102909
Farag, A.S. *see* Yaping Du 107933
Farag, A.S.A. *see* Beshir, M.J. 120985
Farag, A.S.A. *see* Beshir, M.J. 120986
Farag, E.N., Elmasry, M.I. Low-power implementation of discrete cosine transform 93484
Farag, S.F., Jhaveri, M. Intelligent microprocessor based devices provides advanced motor protection, flexible control, and communication in paper mills 91997
Faraggi, E.Z. *see* Davidov, D. 64962
Farago, A. *see* Chlamtac, I. 78731
Farago, A. *see* Molnar, S. 87863
Farah, A. *see* Baba-ali, A.R. 73186
Farahani, H. *see* Zahedi, E. 120527
Farahi, F. *see* Sisk, W.N. 64601
Faraone, A. *see* Bernardi, P. 93685
Faraone, A. *see* Cicchetti, R. 97193
Faraone, L. *see* Antoszewski, J. 62735
Faraone, L. *see* Antoszewski, J. 114625
Faraone, L. *see* Fynn, K.A. 69151
Faraone, L. *see* Fynn, K.A. 69153
Faraone, L. *see* Musca, C.A. 69154
Faraone, L. *see* Siliquini, J.F. 69150
Faraone, L. *see* Siliquini, J.F. 69152
Fararooy, S., Allan, J., Jin, J., Maleki, K., Pang, F. Accurate train localisation in open space and tunnels 91837
Farber, M.S., Campion, D.C. Understanding and mitigation of false alarms as measured in LWIR clutter by the AIRMS sensor 108549
Farber, M.S. *see* Dugan, J.P. 111284
Farber, M.S. *see* Piotrowski, C.C. 108551
Farber, S. *see* Foth, H.-J. 80199
Farber, V.E. Experimental estimation of the influence of count errors in digital computing systems 66795
Farber, V.E. *see* Egorova, N.Yu. 97723
Farberov, V.G. *see* Pantskhava, E.S. 102421
Fardi, B., MacGibbons, B.S., Tripathi, S., Moghadam, F. Feasibility of an in-situ particle monitor on a tungsten LPCVD reactor 104094
Fardi, H.Z., Pankove, J.I. Modeling and characterization of high frequency high power GaN-SiC HBT's operating at high temperature 94927
Fareed, R.S.Q., Dhanasekaren, R. Investigations on the influence of Peltier effect and electromigration during growth of InP, InGaP and InAsP by liquid phase electro-epitaxy 103904
Fareed, R.S.Qhalid *see* Qhalid Fareed, R.S.
Farell, A. *see* Montanaro, J. 73430
Farell, R., Feely, O. A novel approach to bounding the integrator outputs of second order sigma-delta converters 114033
Farenik, V.I. *see* Ushakov, A.V. 69598
Fares, M., Kaminska, B. Test strategy selection for multi-chip systems 73914
Fares, M.A., Fares, S.C., Ventrice, C.A. Attenuation of the electromagnetic waves due to dry snow 107890
Fares, S.C. *see* Fares, M.A. 107890
Fares, V. *see* Ascarelli, P. 72919
Farghal, M. *see* Ashour, A. 105172
Fargin, E. *see* Bousquet, B. 76209
Fargin, E. *see* Cardinal, T. 96732
Fargin, E. *see* Segonds, P. 79741
Fargues, M.P., Brown, D.W. Hands-on exposure to signal processing concepts using the SPC Toolbox 60449
Farhadi, A. *see* Mahdavi, J. 112136
Farhang-Boroujeny, B. Channel memory truncation for maximum likelihood sequence estimation 86220
Farhang-Boroujeny, B., Lee, Y., Ko, C.C. Sliding transforms for efficient implementation of transform domain adaptive filters 97853
Farhang-Boroujeny, B., Teng-Tiow Tay Transfer function identification with filtering techniques 76966
Farhang-Boroujeny, B. *see* Huang, H.B. 77919
Farhat, N.H., Wen, Z. Large-scale photonic neural networks with biology-like processing elements: the role of electron trapping materials 75631
Faria, I.F.De, Jr. *see* De Faria, I.F., Jr.
Faria, J.A.Brandao *see* Brandao Faria, J.A.
Faria, L. *see* Vale, Z.A. 101859

Faria, R.M. A direct current piezoelectric effect in fluorinated ethylene-propylene copolymer due to space charge 106359

Faria, S.M.M.de *see* de Faria, S.M.M.

Faria de Almeida, A., Robertson, A. Domestic batteries and the environment: a life-cycle approach to consumer electronic products 60759

Faria-E-Maia, F. *see* Chou, H.P. 107047

Faria-e-Maia, F. *see* Lewis, P. 107067

Farias, A.S. *see* Tsui, K.H. 75786

Farias, G.A. *see* Filho, J.R. 114701

Farias, R. *see* Padua, M. 101913

Farias, R.G., Giarola, A.J. Frequency-dependent FDTD method applied to optically-controlled coupled-dielectric-waveguide 95762

Farias, R.H.A., Liu Lin, Tosin, G. Magnetic design of the LNLS transport line 89803

Farias, V.J. *see* Alves Pereira, A. 121727

Farias, V.J. *see* Barbosa, L.R. 121568

Farias, V.J. *see* de Paiva, E.P. 61608

Farias, V.J. *see* Lambert, J.A. 71437

Farias, V.J. *see* Oliveira, J.C. 71452

Farias, V.J. *see* Oliveira, R.C. 113779

Farias, V.J. *see* Pacheco, V.M. 71432

Farias, V.J. *see* Pereira, A.A. 71439

Farias, V.J. *see* Pereira, A.A. 121657

Farias, V.J. *see* Pinto, J.A.C. 121600

Farias, V.J. *see* Toffano, R., Jr. 121658

Farias, V.J. *see* Vilela, M.S. 71430

Farias, V.J. *see* Vilela, M.S. 71431

Farias, V.J. *see* Vilela, M.S. 113738

Faricelli, J.V. *see* Cheng-Liang Huang 63740

Farid, H. *see* Simoncelli, E.P. 67280

Farid, H. *see* Simoncelli, E.P. 108501

Faried, S.O. An exercise for teaching simultaneous faults 91432

Faried, S.O., Billinton, R., Aboreshaid, S., Fotuhi-Firuzabad, M. Stochastic evaluation of turbine-generator shaft torsional torques during faulty synchronisation 121435

Faried, S.O., El-Serafi, A.M. Effect of adaptive single-pole reclosing on turbine-generator shaft torsional torques 71232

Farina, A., Barbarossa, S., Ceccarelli, M., Petrosino, A., Timmoneri, L., Vinelli, F. Application of extreme eigenvalue analysis to signal and image processing for radar 68579

Farina, A., Gini, F., Greco, M.V., Sangston, K.J. Optimum and sub-optimum coherent radar detection in compound Gaussian clutter: a data-dependent threshold interpretation 109718

Farina, A., Langsford, P.A., Sarno, G.C., Timmoneri, L., Tosini, R. ECCM techniques for a rotating, multifunction, phased-array radar 101655

Farina, A. *see* Fabbretti, G. 97832

Farina, A. *see* Graziano, A. 78968

Farina, A. *see* Kapteijn, P. 99663

Farina, D., Bull, J.F., Flam, R.P. Ocean buoy propagation experiment antenna measurements 76639

Farina, D.J. *see* Bull, J.F. 78980

Farina, J.D., Higgins, B.R., Farina, J.P. New linearization technique for analog fiber-optic links 88567

Farina, J.P. *see* Farina, J.D. 88567

Farina, L. *see* Benvenuti, L. 73563

Farina, L. *see* Benvenuti, L. 93571

Farina, M., Gerini, G., Rozzi, T. A new technique for the field analysis of active FET devices 62270

Farina, M., Gerini, G., Rozzi, T. Full wave analysis of slow wave effects in planar circuits with lossy conductors 62339

Farina, M., Pierantoni, L., Rozzi, T. Electromagnetic investigation of travelling wave operation in AlGaAs-InGaAs pseudomorphic HEMTs 93843

Farina, M. *see* Rozzi, T. 85926

Farina, M. *see* Rozzi, T. 107976

Farinas, A.D. *see* Green, E.D.H. 95922

Farinas, P.F., Marques, G.E., Studart, N. Subband mixing in resonant magnetotunneling through double-barrier semiconductor nanostructures 74390

Farinholt, A. *see* Clendening, S. 99480

Farinon, S. *see* Fabbricatore, P. 90191

Faris, G.W. *see* Yalcin, S. 120881

Farisato, G. *see* Bortoletto, F. 100137

Farish, O. *see* Judd, M.D. 71593

Farjady, F., Wilson, M.G.F., Radmore, P.M. New all-optical linear scanner and variable-power single-soliton generator using graded-nonlinear waveguides 85065

Farjon, A. *see* Gomez, T. 121498

Farkas, D.L. *see* Wachman, E.S. 110762

Farkas, G., Toth, C., Neuman, K.C., Falcone, R.W., Tittel, F.K. Spectral dependence of harmonic generation efficiency at metal surfaces 107515

Farkas, G. *see* Szekely, V. 74808

Farkas, G. *see* Vujinovic, L. 98382

Farkas, J. *see* Kim, K.J. 106488

Farkas, Z.D. *see* Decker, F.-J. 100691

Farkhondeh, M. *see* Jacobs, K. 79916

Farkov, Yu.A. n-widths, Faber expansion, and computation of analytic functions 60977

Farla, J. *see* Blok, K. 91311

Farle, M., Henry, Y., Ounadjela, K. Magnetic anisotropy of epitaxial Co/Mn superlattices: an angular-dependent ferromagnetic resonance study 64389

Farley, D.T., Hysell, D.L. Radar measurements of very small aspect angles in the equatorial ionosphere 80616

Farley, R.J. *see* Dyer, P.E. 95640

Farlow, R. *see* Kelly, S.P. 90683

Farmer, B.K., Stolte, W.J., Reyes, A.I. Inverter performance comparison at PVUSA 111837

Farmer, D., Ming Li Patterns of bubble clouds organized by Langmuir circulation 111273

Farmer, D. *see* Pawlowicz, R. 120808

Farmer, D.M. *see* Vagle, S. 88734

Farmer, E.D. *see* Perera, B.L.P.P. 101935

Farmer, E.D. *see* Strbac, G. 70746

Farmer, J. *see* Stoker, C.R. 90821

Farmer, J.W. *see* Popovici, G. 84090

Farmer, J.W. *see* Wheeler, E.D. 84095

Farmer, K.R. *see* Statler, C.E. 79358

Farmer, R. Portugal IPP 1000-MW 'BOT' for PowerGen operational in 1998 91369

Farmer, R. Turnkey budget prices for small combined cycle plants 111803

Farmer, R., Fulton, K. Commission 1000 MW Barking IPP combined cycle in London 91363

Farn Wang, Chia Tien Lo Procedure-level verification of real-time concurrent systems 77749

Farnham, R., Tannock, P., Booth, R., McKenzie, I., Moyes, I. The development of a high accuracy mains frequency measurement for plant control purposes, and the derivation of a steady state system instability warning parameter 71001

Farnham, T.D., Foxon, B.N.T. An efficient recovery protocol for distributed network planning information with network partitioning and equipment failure 77791

Faro, F.Lo *see* Lo Faro, F.

Farokhrooz, F.N., Raina, J.P. Performance of coherent optical phase diversity systems affected by chromatic dispersion induced PM-AM conversion noise 68434

Farokhrooz, F.N., Raina, J.P. Sensitivity degradation due to fibre dispersion-induced PM-AM noise in optically preamplified direct detection systems 78745

Farokhrooz, F.N., Tafti, H.A., Raina, J.P. Impact of laser phase noise on binary- and M-ary-PSK coherent optical systems using multiple optical amplifiers 88501

Farokhrooz, F.N., Tafti, H.A., Raina, J.P. Design considerations in synchronous detection schemes in the presence of optical amplifiers 119152

Farokhzad, B., Turkes, P., Wolfgang, E., Goser, K. Reliability indicators for lift-off of bond wires in IGBT power-modules 115169

Farook, O. *see* Agrawal, J.P. 112140

Farooq, M. *see* Osman, H. 119327

Farooq, S. *see* Frankel, G.S. 60622

Farooqi, A.A. *see* Abuelma'atti, M.T. 104397

Farooqui, A.A. *see* Abuelma'atti, M.T. 73536

Farooqui, A.A. *see* Abuelma'atti, M.T. 73538

Farooqui, K. *see* Kowitt, M.S. 99705

Farquhar, A. *see* Fikes, R. 118400

Farquhar, T.H. *see* Levin, C.S. 101119

Farr, E.G., Baum, C.E., Buchenauer, C.J. Impulse radiating antennas. II 97323

Farr, K.B., Hartman, R.L. Optical-digital-neural network system for aided target recognition 98207

Farrache, G. *see* Abbes, M. 90145

Farrah, H.R., Shaw, M.P. A numerical study of chaos in transferred electron oscillators and amplifiers with the use of an improved computer model 94887

Farrand, L.D., Utsumi, Y., Kagawa, H., Kondo, K. Structure–property correlations of new materials comprising of a cyclic enone for TFT-LCD applications 75600

Farrant, M.C. Lean and mean [telephony] 108994

Farrant, S.H., Crew, D.C., Street, R. The field rate dependence of coercivity in fine particle ferromagnets and the applicability of the critical volume approach 115496

Farrara, M. *see* Bergman, L.A. 109585

Farrash, S.H.A. *see* Zohrul Kabir, A.B.M. 72192

Farre, J. *see* Naudin, N. 69010

Farre, J. *see* Naudin, N. 69546

Farre, J. *see* Solhusvik, J. 119721

Farrell, A. Making decisions about sustainability: joining social values with technical expertise 102359

Farrell, J. *see* Grewal, M.S. 79034

Farrell, P. *see* Botvich, D.D. 77580

Farrell, P.A., Miller, J.J.H., O'Riordan, E., Shishkin, G.I. A uniformly convergent finite difference scheme for a singularly perturbed semilinear equation 82552

Farrell, P.G. Soft-decision decoding of block codes is now practical 76736

Farrell, P.G. *see* Aguado-Bayon, L.E. 66421

Farrell, P.G. *see* Ahmadian-Attari, M. 108128

Farrell, P.G. *see* Arijon, I.M. 77627

Farrell, P.G. *see* Feng, X. 117230

Farrell, P.G. *see* Lee, L.H.C. 66332

Farrell, P.G. *see* Mohamed-Pour, K. 66378

Farrell, P.G. *see* Peng, X.-H. 66337

Farrell, P.G. *see* Peng, X.-H. 66548

Farrell, P.M. *see* Petreski, B.P. 75468

Farrell, T. *see* Boyd, A.R. 103869

Farrenq, A. *see* Berthelemot, C. 116280

Farrens, S., Dekker, J. A van der Waals force model of wafer bonded substrates 63198

Farrens, S., Smith, J. Chemical free wafer bonding of silicon to glass and sapphire 63194

Farrens, S. *see* Roberds, B. 63201

Farrens, S.N. *see* Roberds, B.E. 94774

Farret, F.A., Gules, R., Marian, J. Micro-turbine simulator based on speed and torque of a DC motor to drive actually loaded generators 102740

Farret, F.A. *see* Portolann, C.A. 102714

Farrey-Goudreau, E. *see* Billhartz, T. 87435

Farrington, M.D. *see* Austin, P.R. 112183

Farrington, P.A., Swain, J.J., Evans, J.L., Rogers, J.S. Developing reusable modeling capabilities for simulating high volume electronics manufacturing systems 82171

Farris, M. *see* Verhaege, K. 116815

Farroha, B.S., Deshmukh, R.G. An advanced layered MPP architecture for industrial imaging 104613

Farrow, M. *see* Knof, M. 60547

Farrow, R.F.C., Parkin, S.S.P., Marks, R.F., Krishnan, K.M., Thangaraj, N. Quenching of giant magnetoresistance by interface roughening and alloying in annealed $[(\mathrm{Ni}_x\mathrm{Fe}_{1-x})_y\mathrm{Au}_{1-y}]/\mathrm{Au}$ multilayers 106576

Farrow, R.F.C. *see* Harp, G.R. 84781

Farrow, R.L. *see* Danehy, P.M. 96627

Farrugia, P.A. *see* Simeonidou, D. 78682

Farrukh Khan, M. *see* Baqai, S. 109212

Farsakh, C., Nossek, J.A. Channel allocation and downlink beamforming in an SDMA mobile radio system 99170

Farsakh, C., Nossek, J.A. On the spatial separation potential of a uniform linear antenna array 117079

Farserotu, J.R. A performance analysis of MPSK TCM and a continuous ARQ protocol 97422

Farsi, M. *see* Finch, J.W. 121436

Farthouat, P. *see* Akesson, T. 69833

Faruqi, F. *see* Bennamoun, M. 88789

Faruque, S. A spectrally efficient modulation technique for PCS and data communication systems 86040

Faruque, S. A three ray propagation model for line of sight PCS and μ-cellular services 97104

Faruque, S., Maragoudakis, M. A cost-effective PCS deployment methodology 68301

Farvacque, L. *see* Ropert, A. 79912

Farvardin, N. *see* Brunk, H. 86084

Farvardin, N. *see* Jafarkhani, H. 86731

Farvardin, N. *see* Jafarkhani, H. 108184

Farwell, S.G. *see* Birks, T.A. 64835

Farzaneh, M., Kiernicki, J. Flashover performance of IEEE standard insulators under ice conditions 121209

Farzanpay, F. *see* Maruyama, K. 100989

Fasbender, A., Kesdogan, D., Kubitz, O. Variable and scalable security: protection of location information in mobile IP 118873

Fasbender, A. *see* Spaniol, O. 118314

Fasbender, R., Hirt, G., Thoms, M., Winnacker, A. The 'fractional thermally stimulated current' (FTSC) method: application to deep impurity levels in semi-insulating InP 74255

Fascetti, M. *see* Alei, S. 93728

Faschingbauer, U., Agakichiev, G., Baur, R., Ceretto, F., Dress, A., Fraenkel, Z., Fuchs, C., Gatti, E., Glaessel, P., Hess, F., Hemberger, M., De los Heros, C.P., Holl, P., Irmscher, D., Jacob, C., Kemmer, J., Minaev, Y., Panebrattsev, Y., Pfeiffer, A., Ravinovich, I., Razin, S., Rehak, P., Sampietro, M., Schukraft, J., Shimanskiy, S., Socol, E., Specht, H.J., Tel-Zur, G., Tserruya, I., Ullrich, T., Voigt, C., Wurm, J.P., Yurevich, V. A doublet of 3 in. cylindrical silicon drift detectors in the CERES experiment 110557

Faschingbauer, U. *see* Holl, P. 110558

Faschinger, W. Fundamental doping limits in wide gap II-VI compounds 74195

Faschinger, W. *see* Ferreira, S.O. 75762

Faschinger, W. *see* Schull, K. 96328

Faschinger, W. *see* Spahn, W. 92745

Faschinger, W. *see* Wilamowskzi, Z. 62884

Fasel, J. *see* Beylot, P. 108464

Faska, T. *see* Singh, A. 69167

Faska, T.S. *see* Beck, W.A. 69289

Fasol, G., Motohisa, J., Nagamune, Y., Sakaki, H. Ballistic electron waves as a detector of the 'internal' potential under a metal gate 63806

Fasoli, L., Fiorini, C., Bertuccio, G. Feedback stability of charge amplifiers with continuous reset through forward-biased diode junctions 100970

Fasoli, L., Fiorini, C., Gatti, E., Sampietro, M., Kemmer, J., Lechner, P., Strunder, L. Silicon drift detectors with on-chip electronics for X-ray spectroscopy 90196

Fasoli, L., Sampietro, M. Criteria for setting the width of CCD front end transistor to reach minimum pixel noise 79557

Fasoli, L. *see* Bertuccio, G. 110555

Fasoli, L. *see* Sampietro, M. 100971

Fasoli, L.G., Riedijk, F.R., Huijsing, J.H. A general circuit for resistive bridge sensors with bus compatible output 119539

Fassino, C. *see* Arioli, M. 61010

Fassois, S.D. *see* Fouskitakis, G.N. 117501

Fassouliotis, D. *see* Adam, W. 69709

Fast, P.T. Field test of UV-headlamps at a 100 km test site 103153

Faszer, W. *see* Salomon, M. 80032

Faszer, W. *see* Salomon, M. 100852

Fatah, O., Rooimans, R., Prasad, R. Performance analysis of a pico-cellular CDMA network based on hybrid DS/SFH, DS and SFH in a shadowed Rician fading channel 78476

Fateev, A.A., Dolbilov, G.V., Golubev, I.I., Ivanov, I.N., Kosukhin, V.V., Lebedev, N.I., Petrov, V.A., Razuvakin, V.N., Shvetsov, V.S., Yurkov, M.V. Status of the first stage of linear induction accelerator SILUND-21 89608
Fateev, A.A. *see* Dolbilov, G.V. 94192
Fateev, A.A. *see* Dolbilov, G.V. 96490
Fateev, A.Yu. *see* Gornov, M.G. 120188
Fateev, O.V. *see* Kheiker, D.M. 69882
Fateev, O.V. *see* Zanevskii, Yu.V. 100902
Fatehi, F., Smith, J.R., Pierre, D.A. Robust power system controller design based on measured models 70717
Fatehi, F. *see* Hehrir, M.H. 71335
Fatehi, M.T., Giles, C.R. Erbium-doped fiber amplifiers with wavelength-selective optical feedback 85398
Fateley, W.G. *see* Mortensen, A.N. 68977
Fatemi, H. *see* Sheppard, C.J.R. 75429
Fatemi, N.S. *see* Weizer, V.G. 63437
Fatemi, O., Panchanathan, S. VLSI chip-set for affine based video compression 83134
Fatemizadeh, B., Tchouangue, G., Silber, D. A user-optimized electro-thermal IGBT model for power electronic circuit simulation in the circuit simulator ELDO 61601
Fatemizadeh, B. *see* Talwalkar, N. 115154
Fathallah, M., Gharbi, R., Crovini, G., Demichelis, F., Giorgis, F., Pirri, C.F., Tresso, E., Rava, P. Light-soaking in a-SiC:H films grown by PECVD in undiluted and hydrogen diluted SiH_4+CH_4 gas mixtures 94405
Fathi, Z., Wei, J., Garard, R.S., Lauf, R.J., Clausing, R., McMillan, A. variable frequency microwave excited plasma 65867
Fathima, K.A. *see* Lakaparampil, Z.V. 112475
Fathizadeh, M. *see* Cho, Y. 79994
Fathy, A. *see* Megahed, M. 93800
Fathy, D. *see* Holland, O.W. 94669
Fatic, V.M. Natural boundary conditions for Lagrangians with reverse time scales 82554
Fatic, V.M., Castleberry, D.A. Application of Lagrangian with reverse time scales to transients in RC-transmission lines. I. Propagation 93091
Fatic, V.M., Castleberry, D.A. Application of Lagrangian with reverse time scales to transients in RC-transmission lines. II. Diffusion 97205
Fatic, V.M., Nquyen, C.Q. A single-phase to three-phase quasiconverter. V. Design methodology 81587
Fatikow, S., Magnussen, B., Rembold, U. A piezoelectric mobile robot for handling of microobjects 115445
Fatis, P.Tabarelli de *see* Tabarelli de Fatis, P.
Fatis, T.Tabarelli de *see* Tabarelli de Fatis, T.
Fatis, T.Tabarellide *see* Tabarellide Fatis, T.
Fattebert, J.-L. An inverse iteration method using multigrid for quantum chemistry 103752
Fattibene, P., Calicchia, A., d'Errico, F., De Angelis, C., Egger, E., Onori, S. Preliminary assessment of LiF and alanine detectors for the dosimetry of proton therapy beams 120574
Fattori, V. *see* Kalinowski, J. 64900
Fattori, V. *see* Kalinowski, J. 75751
Fau, C. *see* Dos Santos, O. 84293
Fau, C. *see* Mahoukou, F. 83839
Faucett, T. Benchmarking; a comparison of electronic manufacturing techniques of ten major manufacturing organizations 60587
Fauchet, P.M., Xu, Z. Harmonic generation and time-resolved spectroscopy in p-type quantum wells 62851
Fauchet, P.M. *see* Peng, C. 83797
Fauchier, E., Robach, C., Wodey, P. Impact of the VHDL description on the testability of integrated systems 83009
Fauchoux, G. *see* Belkebir, K. 61505
Faucitano, A. *see* Banford, H.M. 115435
Faucon, G., Jeannes, R.LeB. Optimization of speech enhancement techniques coping with uncorrelated or correlated noises 117274
Faucon, G. *see* Ayad, B. 67974
Faucon, G. *see* Jeannes, R.LeB. 117275
Faudskar, C.C. *see* Grimes, G.J. 116290
Faudskar, C.C. *see* Wong, Y.M. 119220
Faugeras, O., Robert, L. What can two images tell us about a third one? 67199
Faugeras, O. *see* Devernay, F. 86392
Faugeras, O. *see* Laveau, S. 67233
Faugeras, O. *see* Papadopoulo, T. 67322
Faugeras, O. *see* Zang, Z. 98144
Faugeras, O.D. *see* Vieville, T. 98052
Faugeras, P. Assembly and commissioning of the LHC test string 89782
Faugier, A., Altuna, X., Bailey, R., Blanchard, R., Bohl, T., Brouzet, E., Burkhardt, H., Collier, P., Cornelis, K., de Rijk, G., Ferioli, F., Hilaire, A., Lamont, M., Linnecar, T., Jonker, M., Niquille, C., Roy, G., Schmickler, H. The SPS as accelerator of Pb^{82+} ions 79948
Faugier, A., Altuna, X., Bailey, R., Blanchard, R., Bohl, T., Burkhardt, H., Collier, P., Cornelis, K., Garrel, N., Hilaire, A., Jonker, K., Keizer, R., Lamont, M., Linnecar, T., de Rijk, G., Roy, G., Schmickler, H., Wenninger, J. High intensity proton beams in a multi-cycled SPS 79947
Faugier, A. *see* Bailey, R. 79964
Faulkner, K. *see* Marshall, N.W. 90485
Faulkner, M. *see* Berangi, R. 118991
Faulkner, M. *see* Briffa, M.A. 104368
Faulkner, M. *see* Martin, G.T. 65862
Faulkner, M. *see* Martin, G.T. 97115
Faulkner, M. *see* Taylor, V. 121259
Faulkner, M. *see* Zonoozi, M.M. 78446
Faulkner, M. *see* Zonoozi, M.M. 118885
Faulkner, R.G. *see* Sursaeva, V.G. 113530
Faulstich, A., Baker, H.J., Hall, D.R. Face pumping of thin, solid-state slab lasers with laser diodes 65122
Faulstich, R.J. *see* Burke, L.W., Jr. 112220
Fauquembergue, R. *see* Schuler, O. 104835
Fauquet-Ben Ammar, C. *see* Bellard, L. 63435
Faur, M., Faur, M., Flood, D.J., Bailey, S., Goradia, M. Electrolyte for EC-V profiling of InP and GaAs based structures 105525
Faur, M. *see* Faur, M. 105525
Faur, M. *see* Moulot, J. 95941
Faur, M. *see* Moulot, J. 95941
Faure, C. *see* Delmas, C. 102947
Faure, C. *see* Deramecourt, P. 87716
Faure, C. *see* Julia, L. 86612
Faure, C. *see* Likforman-Sulem, L. 86604
Faure, H. *see* Xiao, Y.-J. 60865
Faure, J. *see* Simon, L. 94664
Faure, J.L. *see* Peigneux, J.P. 120164
Faurie, J.P., Almeida, L.A., Chen, Y.P., Sporken, R., Sivananthan, S. Heteroepitaxy of CdTe on Si substrates in view of infrared and X-ray detection 92743
Faurie, J.P., Tournie, E., Gibart, P., Beaumont, B. The blue laser: state of the art 76015
Faurie, J.P. *see* Grann, E. 114623
Faurie, J.P. *see* Sivananthan, S. 74543
Faurie, J.P. *see* Wijewarnasuriya, P.S. 74527
Faurie, J.P. *see* Yoo, S.S. 80142
Faus-Golfe, A. Minimisation of the ramp-induced non-linear field imperfections in LHC 120069
Faus-Golfe, A., Le Duff, J. Versatile DBA and TBA lattices for a Tau-Charm Factory with and without beam monochromatization 69679
Fausett, L.V. *see* Delgado, H.J. 107749
Fausett, L.V. *see* Elwasif, W.R. 92580
Fausett, L.V. *see* Ham, F.M. 76910
Fauss, R. *see* Kurner, T. 116908
Faust, U. *see* Li, J.H. 90535
Faust, W. *see* Vogel, D. 112952
Faustini, L., Coriasso, C., Stano, A., Cacciatore, C., Campi, D. Loss analysis and interference effect in semiconductor integrated waveguide turning mirrors 106851
Fausto, M.Di *see* Di Fausto, M.
Fauteux, D. Lithium polymer electrolyte rechargeable battery 81693
Fauteux, D.G. *see* Jie Shi 81659
Fauvet, E. *see* Dumont, C. 67152
Fava, J.A. *see* Veroutis, A.D. 72226
Fava, L. *see* Bussa, M.P. 69878
Favalli, L. *see* Canegalli, A. 119075
Favalli, M., Dalpasso, M., Olivo, P. Modeling and simulation of broken connections in CMOS IC's 73271
Favalli, M. *see* Dalpasso, M. 63944
Favalli, M. *see* Dalpasso, M. 95186
Favalli, M. *see* Metra, C. 104422
Favaro, M.L., Tiginyanu, I.M., Terletsky, A.I., Hartnagel, H.L., Zappia, M., Ajo, D. Photoluminescence study of growth-related and processing-induced defects in indium phosphide 105185
Favaro, M.L. *see* Rossetto, G. 61265
Favella, L., Balossino, N., Reineri, M.T. Compression and reconstruction of movie sequences by means of Loeve-Karhunen expansion 98350
Favennec, F. *see* Tanne, G. 62199
Favennec, M.P. *see* Gautier-Levine, A. 106074
Favero, G. *see* Campanella, L. 119941
Favier, J. *see* Abbes, M. 90145
Favin, D.L. *see* Forghieri, F. 68530
Favire, F. *see* Lee, T.-P. 78880
Favire, F. *see* Zah, C.E. 68417
Favire, F. *see* Zah, C.E. 76034
Favrat, D. *see* Staine, F. 82021
Favrat, P., Paratte, L., Ballan, H., Declercq, M., de Rooij, N.F. A 1.5 V supplied, CMOS ASIC for the actuation of an electrostatic micromotor 81494
Favre, F., Chandrakumar, V. Comparison between analytical and numerical simulations for sliding filter damped soliton jitter 64839
Favre, F., Le Guen, D., Moulinard, M.L., Henry, M., Georges, T., Devaux, F. 40 Gbit/s, 5×100 km span straight line soliton transmission experiment without in-line control 78647
Favre, F. *see* Georges, T. 85617
Favre, J. *see* Kotanowski, C. 93916
Favre, J.-P., Raud, C. Acoustic emission to monitor crack accumulation in cross-ply CFRP in conditions of mechanical loading or thermal cycling 113602
Favre, R. *see* Pautet, C. 82600
Favrel, J. *see* Keon-Myung Lee 97753
Fawcett, B., Goetting, E., Schultz, D., Parlour, D., Frake, S., Costello, P., Eccles, R., Leone, B., Marquez, D., Stokes, S., Palczewski, M., Peterson, W., Gannon, T., Hart, W., Look, K., Voogel, M., West, G., Tong, V., Chang, A., Chung, D., Hsieh, W., Carter, W. The architecture and test structures of the XC8100 FPGA family 113856
Fawcett, B.K. Digital logic synthesis–an overview 61739
Fawcett, B.K. Evolutionary improvements expand the capabilities of popular FPGA families 61746
Fawcett, B.K., Watson, J. Reconfigurable processing with field programmable gate arrays 104508
Fawcett, J.W., Jepson, R.W. Using the Common Gateway Interface 67732
Fawcett, P. *see* Fuglsang-Frederiksen, A. 90546
Fawcett, P. *see* Johnsen, B. 90545
Fawcett, R. Combination coding: a new entropy coding technique 86092
Fawcett, S.C. *see* Drueding, T.W. 85232
Fawer, U., Aazhang, B. Multiuser receivers for code-division multiple-access systems with trellis-based modulation 119019
Fawer, W., Furrer, A., Suremann, M. Interference and its influence on communication cabling 97180
Fawley, W. *see* Benjegerdes, R. 89806
Fawley, W. *see* Tatchyn, R. 96526
Fawley, W.M. Optical guiding limits on extraction efficiencies of single-pass, tapered wiggler amplifiers 107382
Fawley, W.M., Nuhn, H.-D., Bonifacio, R., Scharlemann, E.T. Merits of a sub-harmonic approach to a single-pass, 1.5-Å FEL 76056
Fawley, W.M. *see* Celata, C.M. 90010
Fawley, W.M. *see* Lampel, M. 89679
Fawley, W.M. *see* Pierini, P. 96538
Fawley, W.M. *see* Stuart, M. 89807
Fay, A., Kolbeck, R. High-resolution CRTs for medical imaging 89214
Fay, B., Rinker, M. Determination of the absolute value of ultrasonic power by means of thermoacoustic sensors 70558
Fay, B., Rinker, M. The thermoacoustic effect and its use in ultrasonic power determination 101584
Fay, C.R., III *see* Vandre, R.H. 80432
Fay, P., Wohlmuth, W., Adesida, I., Caneau, C. 18-GHz bandwidth long-wavelength MODFET and metal-semiconductor-metal photodetector-based integrated photoreceiver 78807
Fay, P., Wohlmuth, W., Caneau, C., Adesida, I. A 15 GHz bandwidth lattice-matched InAlAs/InGaAs/InP HEMT-based OEIC photoreceiver 68450
Fay, P. *see* Arafa, M. 63780
Fay, P. *see* Arafa, M. 106069
Fay, P. *see* Mahajan, A. 63793
Fay, P. *see* Wohlmuth, W.A. 85081
Fay, P. *see* Wohlmutt, A. 100042
Fay, P. *see* Xiang, A. 69182
Faye, M.M., Altibelli, A., Bonafos, C., Claverie, A. Stoichiometric disturbances in multi-atomic multi-layered structures due to ion implantation through mask openings 74545
Faye, M.M., Vieu, C., Assayag, G.B., Salles, Ph., Claverie, A. Lateral damage extension during masked ion implantation into GaAs 114881
Fayette, L. *see* Le Normand, F. 92872
Fayne, W. *see* Slemp, D. 104838
Fays, M.de *see* de Fays, M.
Fayyad, U. *see* de Carvalho, R.R. 77082
Fazan, T.A. *see* Morais, J. 63117
Fazekas, K. Image coding strategies for multimedia and teleworking services 78239
Fazekas, K. *see* Kiss, C.I. 98288
Fazel, K., Kaiser, S., Robertson, P., Ruf, M.J. A concept of a reconfigurable digital TV/HDTV-transmission scheme with flexible channel-coding and modulation for terrestrial-broadcasting 68885
Fazel, K., Papke, L. Combined multilevel turbo-code with 8PSK modulation 76757
Fazel, K. *see* Aign, S. 68882
Fazel, K. *see* Viterbo, E. 87318
Fazi, C. *see* Neudeck, P.G. 94894
Fazinic, S. *see* Jaksic, M. 100822
Fazio, A.F. *see* Haemapun, C. 111786
Fazio, E., Ramadan, W.A., Bertolotti, M. Direct measurement of birefringence in ion-exchanged planar waveguides 100365
Fazio, E., Sibilia, C., Senesi, F., Bertolotti, M. All-optical switching during quasi-collinear second harmonic generation 76129
Fazio, E. *see* Sibilia, C. 76264
Fazio, F. *see* Riddell, C. 101131
Fazio, F. *see* Riddell, C. 101289
Fazio, M.De *see* De Fazio, M.
Fazio, M.V., Carlsten, B.E., Haynes, W.B., Potter, J.M. Design for a high power, phase-stable, microwave FEL amplifier 65379
Fazio, M.V. *see* Carlsten, B.E. 96503
Fazio, M.V. *see* Carlsten, B.E. 100467
Fazio, M.V. *see* Haynes, W.B. 62599
Fazio, R. *see* Wagenblast, K.H. 95473
Fazliev, A.Z. *see* Gordov, E.P. 119322
Fazouan, N., Djafari Rouhani, M., Gue, A.M., Esteve, D. Simulation of photoemission current to monitor the thin film growth 82628
Fazzi, A., Rehak, P. "Gate-to-gate" BJT obtained from the double-gate input JFET to reset charge preamplifiers 110614
Fazzi, A., Rotta, E., Rozzi, D., Varoli, V. A high precision, wide output range, programmable and efficient power supply 121604
Fazzi, A. *see* Dalla Betta, G.F. 120204
Fdida, S. *see* Pham, C.D. 67523
Fearing, R.S. *see* Gray, B.L. 79394
Feautrier, P. *see* Beaudin, G. 79100

Febvre, P., McGrath, W.R., Bumble, B., LeDuc, H.G., George, S., Ruffie, G., Beaudin, G. Superconducting RF tuning circuits for low-noise submillimeter wave SIS receivers 68828
Febvre, P. *see* Beaudin, G. 79100
Fechan, A. *see* Mikityuk, Z. 95857
Fecher, G.L. *see* Read, B.C. 120625
Fechner, T., Hantsche, R., Tanger, R. Classification of objects in ISAR-imagery using artifical neural networks 98032
Fedasyuk, D. *see* Koval, V.A. 104973
Fedder, G.K., Santhanam, S., Reed, M.L., Eagle, S.C., Guillou, D.F., Lu, M.S.-C., Carley, L.R. Laminated high-aspect-ratio microstructures in a conventional CMOS process 74885
Feddersen, R.L. *see* VanZante, D. 121441
Feddi, M.El *see* El Feddi, M.
Fedele, G. N-branch diversity reception of M-ary DPSK signals in slow and nonselective Nakagami fading 65850
Fedele, G., Izzo, L., Tanda, M. Dual diversity reception of M-ary DPSK signals over Nakagami fading channels 97123
Fedele, G., Picardi, G., Seu, R. ROME: the ROsetta Microwave Experiment for the investigation of the cometary nucleus 109845
Fedenev, A.V. *see* Karelin, A.V. 65037
Fedenev, A.V. *see* Koval'chuk, B.M. 85361
Fedenev, A.V. *see* Tarasenko, V.F. 107060
Feder, K. *see* Young, M.G. 68418
Feder, M., Freund, Y., Mansour, Y. Optimal universal learning and prediction of probabilistic concepts 66341
Feder, M., Merhav, N. Hierarchical universal coding 97544
Feder, M. *see* Zamir, R. 76787
Feder, M. *see* Zamir, R. 97543
Federici, G. *see* Cuomo, S. 103331
Federighi, M.F. *see* Chryssou, C.E. 85051
Federrath, H., Jerichow, A., Pfitzmann, A., Kesdogan, D., Spaniol, O. Mobile communication without recordable moving tracks 109369
Fedi, G. *see* Catelani, M. 113697
Fedi, G. *see* Catelani, M. 119538
Fedin, D.A., Fedorchuk, R.V., Gullikson, E., Koshevoi, M.O., Lukjantsev, I.V., Rupasov, A.A., Shikanov, A.S. Spectral and spatial characteristics of X-ray film detectors in the wavelength range 20-150 100908
Fedin, L.N. *see* Fedyanin, V.Ya. 71107
Fedirko, V.A. *see* Eremchenko, D. 73918
Fedjanovich, A.V. *see* Nikolaeva, O.Y. 107417
Fedor, A. *see* Berseth, W. 85202
Fedorchuk, R.V. *see* Fedin, D.A. 100908
Fedorenko, A.I. *see* Artyukov, I.A. 69907
Fedorenko, A.I. *see* Tetyorkin, V.V. 64895
Fedorenko, V.A. *see* Zaitsev, B.D. 84695
Fedorenko, V.A. *see* Zaitsev, B.D. 89473
Fedorenko, V.V., Vlasov, V.I. Error probability in pattern recognition, using attribute functions 67205
Fedorin, V. *see* Abramova, L. 88898
Fedorin, V.L., Khavinson, L.F. Dynamic measurement of the length of line gauges 79218
Fedorov, A. *see* Tetyorkin, V.V. 64895
Fedorov, A.A. *see* Bayanov, V.I. 107356
Fedorov, A.I. Prospects for increasing the energy output characteristics of a Cu laser excited by a transverse discharge 107079
Fedorov, A.O. *see* Gan, M.A. 64860
Fedorov, G.M. *see* Kudryavtsev, A.V. 103065
Fedorov, I.A. *see* Bashkin, A.S. 75810
Fedorov, I.A. *see* Belyaev, A.A. 75811
Fedorov, I.A. *see* Belyaev, A.A. 116307
Fedorov, I.A. *see* Galaev, I.I. 76097
Fedorov, I.A. *see* Konkin, S.V. 75806
Fedorov, I.A. *see* Konkin, S.V. 85360
Fedorov, I.A. *see* Konkin, S.V. 85375
Fedorov, I.A. *see* Rebone, V.K. 107126
Fedorov, S.A., Khondu, A.A. Investigation of the diffraction of a plane wave on a cylindrical dipole of an average electric radius 76558
Fedorov, V.A., Korkishko, Yu.N. Crystal structure and optical properties of nonisovalent ion-exchanged $Zn:LiTaO_3$ waveguides 75541
Fedorov, V.A. *see* Korkishko, Y.N. 95735
Fedorov, V.A. *see* Korkishko, Y.N. 95753
Fedorov, V.A. *see* Korkishko, Yu.N. 64775
Fedorov, V.B. *see* Bufetov, I.A. 107492
Fedorov, V.Yu. *see* Golovkin, S.V. 80125
Fedorov, Yu.M. *see* Kuranov, V.P. 109824
Fedorovsky, M.A. *see* Shevchenko, O.A. 95538
Fedortsov, A.B. *see* Tsentsiper, L.M. 88936
Fedortsov, S.P., Linnartz, J.P.M.G. One dimensional cellular network with "spatial-ALOHA" protocol 88382
Fedortsov, S.P., Tsybakov, B.S. Channel assignment in cellular networks 119063
Fedoruk, G.G. *see* Pochtennyi, A.E. 105212
Fedoseev, B.S. *see* Bogachev, A.F. 121341
Fedoseev, D.V., Varshavskaya, I.G., Tolmachev, Yu.N., Bukhovets, V.L. Growth of a-C:H films in low-temperature plasma 92942
Fedoseev, V.I. Automatic laser system for monitoring the approach parameters of affiliated spacecraft 111046
Fedoseev, V.I. *see* Kuz'min, V.S. 111035
Fedoseev, Yu.G. *see* Rapoport, V.O. 80631
Fedosejev, A.I. *see* Nikolaeva, O.Y. 107417
Fedosejevs, R. *see* Li, Y.M. 76091
Fedosenko, I.Yu. *see* Babadzhanov, L.S. 99838
Fedosenko, Yu.K. *see* Babadzhanov, L.S. 99838
Fedosov, A.A. *see* Galeev, R.S. 107043
Fedosov, V.I. *see* Anisimkin, V.I. 110261
Fedosyuk, V.M. *see* Blythe, H.J. 106549
Fedosyuk, V.M. *see* Williams, J.M. 106550
Fedotov, A.B. *see* Zheltikov, A.M. 65426
Fedotov, A.I. *see* Kuznetsov, V.A. 71264
Fedotov, A.N. *see* Vasiliev, A.S. 116327
Fedotov, A.P. *see* Murin, B.P. 89773
Fedotov, A.V., Gluckstern, R.L. Frequency dependence of the penetration of electromagnetic fields through an elliptical hole in a thin metallic wall 110516
Fedotov, A.V. *see* Wen-Hao Cheng 90024
Fedotov, N. *see* Arsenyan, T. 120755
Fedotov, N.G., Kadyrov, A.A. New methods for formation of pattern recognition features in terms of stochastic geometry 77230
Fedotov, N.N. *see* Arsenyan, T.I. 107674
Fedotov, V.V. *see* Toporkov, V.P. 71225
Fedotov, Ye.V. *see* Toporkov, V.P. 102608
Fedotov, Yu. *see* Karshev, Yu. 89941
Fedushchak, V.F. *see* Kovsharov, N.F. 121785
Fedushchak, V.F. *see* Luchinskii, A.V. 121535
Fedushchak, V.F. *see* Ratakhin, N.A. 119962
Fedyakin, N. *see* Camin, D.V. 90208
Fedyanin, A.A., Aktsipetrov, O.A. Dc-electric-field-enhanced second-harmonic generation in $Si-SiO_2$ multiple quantum wells 94560
Fedyanin, A.A. *see* Aktsipetrov, O.A. 84009
Fedyanin, A.A. *see* Aktsipetrov, O.A. 85696
Fedyanin, A.A. *see* Aktsipetrov, O.A. 96733
Fedyanin, A.A. *see* Rubtsov, A.N. 107518
Fedyanin, V.Ya., Lavrov, I.M., Utemesov, M.A., Chertishchev, V.V., Fedin, L.N. Experience in the operation of a biogas plant in the Altai territory 71107
Fedyanovich, V.I., Dutikov, M.D. Synthesis of a spherical antenna with almost circular polarization 97299
Fedyanovich, V.N., Dutikov, M.D. Synthesis of a miniature antenna with a spherical semitransparent surface 97298
Fedyczak, Z. *see* Strzelecki, R. 121632
Fedyunin, Y.N. *see* Peredo, J.C. 84801
Feehrer, J.R., Ramfelt, L.H. Packet synchronization for synchronous optical deflection-routed interconnection networks 87330
Feely, C.A., Martin, S., Toal, V., Fimia, A., Mateos, F. Optimisation of an acrylamide-based dry photopolymer holographic recording material 96813
Feely, O. *see* Farell, R. 114033
Feeney, R.K. *see* Jones, R.D. 73994
Feeney, R.K. *see* Welton, R.F. 69691
Feerick, B. *see* Fieguth, T. 100708
Feeser, T. *see* Schilling, M. 96425
Fefer, E. *see* Leibovitch, M. 75684
Fefer, E. *see* Lubianiker, Y. 94393
Feggeler, J.C., Chen, C.-C., Chen, Y.C., Delavaux, J.-M.P., Heisman, F.L., Homsey, G.M., Kidorf, H.D., Kissel, T.M., Miller, J.L., Jr., Nagel, J.A., Nuyts, R., Park, Y.-K., Patterson, W.E. WDM transmission measurements on the installed segment H of the TPC-5 optical amplifier undersea cable system 88591
Feggeler, J.C., Duff, D.C., Bergano, N.S., Chen, C.-C., Chen, Y.C., Davidson, C.R., Ehrenberg, D.G., Evangelides, S.J., Ferguson, G.A., Heismann, F.L., Homsey, C.M., Kidorf, H.D., Kissell, T.M., Meixner, A.E., Menges, R., Miller, J.L., Jr., Mizuhara, O., Nagel, J.A., Nguyen, T.V., Nyman, B.M., Park, Y.-K., Patterson, W.W., Valvo, G.F. WDM transmission measurements on installed optical amplifier undersea cable systems 78683
Feggeler, J.C. *see* Park, Y.K. 78685
Feher, F. *see* Mehdi, H. 78429
Feher, K. *see* Brown, C. 87998
Feher, K. *see* Brown, C. 109530
Feher, K. *see* Hatamoto, C. 68999
Feher, K. *see* Kamio, Y. 68236
Feher, K. *see* Kamio, Y. 99087
Feher, K. *see* Mao Yu 88807
Feher, K. *see* Mehdi, H. 97418
Feher, M. *see* Miklos, A. 70517
Fehlmann, R. *see* Hamalainen, J. 88341
Fehr, E.S., Szygenda, S.A., Ott, G.E. An integrated hardware array for very high speed logic simulation 73254
Fehrenbach, M. *see* Wenk, B. 74983
Fehrenbach, M. *see* Wenk, B. 84664
Fehrenbach, T., Schmid, R., Schmider, K. Quality control of curved rear view mirrors for motor cars 92284
Fehrenbacher, G., Meckbach, R., Paretzke, H.G. Fast neutron detection with germanium detectors: computation of response functions for the 692 keV inelastic scattering peak 69842
Fehriboch, J.D. *see* Prins-Jansen, J.A. 71689
Fei, X.Y. *see* Li, B. 81901
Fei Dai *see* Dai Fei
Fei Deng *see* Hao, P.H. 63099
Fei Haosheng *see* Haosheng Fei
Fei Huaipu *see* Yang Shizhong 104741
Fei Long *see* Long Fei
Fei Loo Kean *see* Kean Fei Loo
Fei Peiduan *see* Peiduan Fei
Fei Wu *see* Wu Fei
Fei Xueying *see* Li Biao 112389
Fei Yushi *see* Lu Zhengde 66534
Fei Zengyao *see* Liu Jianxin 102805
Feich, K. *see* Chu, T.S. 114526
Feichouk, P. *see* Panchouk, O. 94349
Feichouk, P. *see* Shcherbak, L. 94722
Feichtinger, H.G. *see* Scharinger, J. 108446
Feick, H., Fretwurst, E., Lindstroem, G., Moll, M. Long term damage studies using silicon detectors fabricated from different starting materials and irradiated with neutrons, protons, and pions 110544
Feick, H. *see* Fretwurst, E. 110546
Feick, H. *see* Li, Z. 90125
Feick, H. *see* Li, Z. 100896
Feick, H. *see* Wunstorf, R. 110550
Feickert, C.A. *see* Croisant, W.J. 115499
Feifel, T. *see* Panzlaff, K. 92779
Feifel, T. *see* Schwander, T. 95836
Feig, E. *see* Lurng-Kuo Liu 97904
Feig, E. *see* Rajagopalan, R. 86578
Feige, U. *see* Barnes, G. 103642
Feige, U. *see* Canetti, R. 97467
Feige, U. *see* Coppersmith, D. 92490
Feigelson, R.S. *see* Kim, N.H. 75394
Feigelson, R.S. *see* Lee, S.Y. 92747
Feigelson, R.S. *see* West, D. 112320
Feigenbaum, J. *see* Blaze, M. 77888
Feigenwinter, P. *see* Michel, C. 101470
Feigin, G.E. *see* Connors, D.P. 92173
Feiginov, M.N. *see* Volkov, V.A. 62835
Feigl, K.L. *see* Massonnet, D. 90740
Feihu Ei *see* Dinggang Shen 97935
Feihu Qi, Dinggang Shen Rotation invariant image recognition using wavelet transform 98007
Feihu Qi *see* Qi Feihu
Feijo, B. *see* Pires de Azevedo, G. 70711
Feijoo, D. *see* Chabal, Y.J. 63200
Feijs, L., Jumelet, M. A rigorous and practical approach to service testing 118106
Feike, X., Qiming, W. Efficient technique to calculate eigenenergies and eigenstates of arbitrarily shaped quantum wells and optimization of asymmetric quantum well optical switches 95823
Feikert, J. *see* Tran, T.D. 112303
Feil, P. *see* Geib, R. 67535
Feil, P. *see* Geib, R. 67924
Feili Huang *see* Huang Feili
Feiming Li *see* Chen, R.T. 85079
Fein, G. *see* Berman, S. 71878
Fein, G. *see* Berman, S.M. 71877
Fein, H. Holographic analysis of the structural characteristics and operational dynamics of advanced sonar transducer arrays 88729
Fein, H. An application of holographic interferometry to characterize the dynamic and modal behavior of an advanced graphite-epoxy polymer matrix composite structure 96793
Fein, H. Holographic interferometry applied to characterize the near field acoustic displacement patterns and dynamics of operating sonar arrays 99679
Feinberg, J. *see* Lambelet, P. 96613
Feiner, L.F. *see* Grosse-Holz, K.-O. 74285
Feinerman, A. *see* Turner, L.R. 100999
Feinerman, A.D. *see* Matthews, P.J. 100436
Feingold, E. *see* Grevera, G.J. 110895
Feingold, E. *see* Horii, S. 111010
Feingold, E. *see* Kundel, H.L. 111008
Feingold, E. *see* Redfern, R. 110723
Feingold, G., Grund, C.J. Feasibility of using multiwavelength lidar measurements to measure cloud condensation nuclei 80644
Feinsilver, P., Schott, R. Operator calculus approach to orthogonal polynomial expansions 60774
Feinstein, F. The SMC muon beam polarimeter 120005
Feinstein, J. *see* Felch, K. 105035
Feistauer, M., Hsiao, G.C., Kleinman, R.E. Asymptotic and a posteriori error estimates for boundary element solutions of hypersingular integral equations 61108
Feistel, M., Baier, A. Performance of a three-dimensional propagation model in urban environments 97107
Feisullin, F. *see* Rajkumar, A. 88247
Feit, C.M., Bates, M.R. Accurate positioning in an inertial-based automatic flight inspection system using differential global navigation satellite systems: flight test results 79084
Feit, M.D. *see* Shore, B.W. 96580
Feit, M.D. *see* Shore, B.W. 96585
Feit, M.D. *see* Stuart, B.C. 107477
Feit, Z., Fuchs, J., Kostyk, D., Jalenak, W. Liquid phase epitaxy grown PbSnSeTe/PbSe double heterostructure diode lasers 75938
Feitelson, D.G., Rudolph, L., Schenfeld, E. A three-dimensional optical interconnection network with distributed control 64851
Feix, H. *see* Vydra, J. 107573
Feixue Wang *see* Wang Feixue
Feiyun He *see* He Feiyun
Feizhou He *see* He Feizhou
Fejer, M.M. Quasi-phasematched interactions: materials, devices, and applications 64593
Fejer, M.M. Microstructured media for nonlinear optics: materials, devices, and applications 107519
Fejer, M.M. *see* Arbore, M.A. 107523
Fejer, M.M. *see* Bortz, M.L. 107524
Fejer, M.M. *see* Chou, M.H. 75544
Fejer, M.M. *see* Furukawa, Y. 76217
Fejer, M.M. *see* Galanti, S.A. 96699

Fejer, M.M. *see* Mahal, V. 96708
Fejer, M.M. *see* Miller, G.D. 96682
Fejer, M.M. *see* Myers, L.E. 65443
Fejer, M.M. *see* Myers, L.E. 96692
Fejer, M.M. *see* Sanders, S. 65502
Fejer, M.M. *see* Taya, M. 75395
Fejer, M.M. *see* Taya, M. 95796
Fejes, P. *see* Tompkins, H.G. 62668
Fejfar, A., Juska, G., Kocka, J. Comments on space-charge-limited time-of-flight measurements in post-transit mode, applied to a-Si:H based solar cells 102970
Fejfar, A., Poruba, A., Vanecek, M., Kocka, J. Precise measurement of the deep defects and surface states in a-Si:H films by absolute CPM 94392
Fejfar, A. *see* Kocka, J. 94293
Fejfar, A. *see* Kocka, J. 95959
Fejfar, A. *see* Linnros, J. 96016
Fekete, M.F. *see* Payn, M. 71800
Fekih-Ahmed, L. Necessary and sufficient conditions for load balance in three-phase power systems 120967
Fekpe, E.S.K., Alfa, A.S. Phase type distributions for fitting truck weight data 69524
Felawka, L. *see* Smith, G.R. 120229
Felba, J. *see* Slowko, W. 114549
Felber, F.S., Davis, H.T., III., Mallon, C., Wild, N.C. Fusion of radar and ultrasound sensors for concealed weapons detection 119292
Felber, J. *see* Dietze, M. 110551
Felch, K., Blank, M., Borchard, P., Tak Sum Chu, Feinstein, J., Jory, H.R., Lorbeck, J.A., Loring, C.M., Mizuhara, Y.M., Neilson, J.M., Schumacher, R., Temkin, R.J. Long-pulse and CW tests of a 110-GHz gyrotron with an internal, quasi-optical converter 105035
Felcher, G. *see* Fullerton, E.E. 64350
Feld, M.S. *see* Zangaro, R.A. 110761
Feld, S.A. *see* Stanko, P.J. 85335
Feld, W.A. *see* Razafitrimo, H. 107005
Feldberg, M.A.M. *see* Van Es, H.W. 80291
Feldchtein, F. *see* Gelikonov, V. 120408
Feldchtein, F. *see* Kamensky, V. 120511
Felden, O. *see* Eversheim, P.D. 120080
Felder, A., Moller, M., Popp, J., Bock, J., Rein, H.-M. 46 Gb/s DEMUX, 50 Gb/s MUX, and 30 GHz static frequency divider in silicon bipolar technology 68479
Felder, A., Moller, M., Popp, J., Bock, J., Rein, H.-M. 46 Gb/s DEMUX, 50 Gb/s MUX, and 30 GHz static frequency divider in silicon bipolar technology 99526
Felder, A. *see* Bock, J. 84565
Felder, A. *see* Gottwald, E. 119203
Felder, A. *see* Sinnesbichler, F. 93537
Felder, A. *see* Treitinger, L. 73798
Felder, R.J. *see* Korenivski, V. 75155
Felder, R.J. *see* Suzuki, F. 75184
Felder, R.J. *see* Suzuki, Y. 75164
Feldl, F. *see* Krafft, G.A. 100581
Feldman, B.J. *see* Bowman, S.R. 65165
Feldman, B.J. *see* Stoneman, R.C. 65168
Feldman, C. *see* Markley, A.W. 81238
Feldman, D. *see* Krishnaswamy, J. 96493
Feldman, D.D. An analysis of the projection method for robust adaptive beamforming 86169
Feldman, D.W. *see* Carlsten, B.E. 89710
Feldman, H.R. Inmarsat's new asychronous data services 88177
Feldman, J. Negotiating expertise within the converting defense firm: the managerial equation 92117
Feldman, L.C. *see* Kimura, K. 82587
Feldman, L.C. *see* Krisch, K.S. 63174
Feldman, L.C. *see* Tang, I.T. 92870
Feldman, M. *see* Bliss, E.S. 96581
Feldman, M. *see* Salmon, J.T. 85552
Feldman, M.J. *see* Herla, Q.P. 95455
Feldman, M.R., Welch, W.H., Te Kolste, R.D., Morris, J.E. Diffractive optics for photonic packaging of laser diodes and fiber-optics 76292
Feldman, R.D., Wood, T.H., Raybon, G., Austin, R.F. Effect of optical beat interference on the dynamic range of a subcarrier multiple access passive optical network using Fabry-Perot lasers 68470
Feldman, R.D. *see* Feuer, M.D. 78792
Feldman, S.M., Wu, R. Speech recognition comes of age 118297
Feldman, Y., Andrianov, A., Polygalov, E., Ermolina, I., Romanychev, G., Zuev, Y., Milgotin, B. Time domain dielectric spectroscopy: an advanced measuring system 119546
Feldmann, J., Koch, M., von Plessen, G., Meier, T., Stolz, W., Thomas, P., Gogel, E.O. Coherent dynamics of excitonic wave packets in quantum wells and superlattices 62864
Feldmann, J. *see* Bastian, G. 83940
Feldmann, J. *see* Hopmeier, M. 75699
Feldmann, K., Gerhard, M. Adaptation of soldering processes to complex boards and flexible production 94071
Feldmann, K., Gerhard, M. The impact of thermoplastic substrates on soldering of electronic products 112958
Feldmann, K., Scheller, H. The printed circuit board–a challenge for automated disassembly and for the design of recyclable interconnect devices 62490
Feldmann, M. *see* Jokerst, S. 80724
Feldmann, P., Cojocaru, V.I., Brazil, T.J. The use of automatic differentiation in advanced non-linear modelling of microwave active devices 93825
Feldmann, P., Melville, B., Long, D. Efficient frequency domain analysis of large nonlinear analog circuits 113703
Feldmann, P., Melville, R., Cojocaru, V., Brazil, T. Using a C++ based simulation framework and automatic differentiation techniques for advanced non-linear modelling of microwave active devices 114266
Feldmann, P. *see* Freund, R.W. 93025
Feldmann, U., Hasler, M., Schwarz, W. Communication by chaotic signals: the inverse system approach 117109
Feldmann, U. *see* Prigge, O. 105850
Feldmar, J., Ayache, N. Rigid, affine and locally affine registration of free-form surfaces 87193
Feldmar, J., Malandain, G., Declerck, J., Ayache, N. Extension of the ICP algorithm to non-rigid intensity-based registration of 3D volumes 110709
Feldmar, J. *see* Declerck, J. 110748
Feldvoss, M., Karl, A. IGBT modules of the second generation: Econopacks shrink frequency converters 104302
Feleppa, E.J., Kalisz, A., Sokil-Melgar, J.B., Lizzi, F.L., Tian Liu, Rosado, A.L., Shao, M.C., Fair, W.R., Yu Wang, Cookson, M.S., Reuter, V.E., Heston, W.D.W. Typing of prostate tissue by ultrasonic spectrum analysis 90372
Felgentreff, T., Olbrich, G.R. Noise behavior of a 15-GHz-AlGaAs/GaAs-HEMT-oscillator 83406
Felgentreff, T., Olbrich, G.R. Modeling of low frequency noise sources in HEMTs 95054
Feliachi, M. *see* Aymard, N. 107701
Feliachi, M. *see* Bendjima, B. 71937
Feliachi, M. *see* Bendjima, B. 107818
Feliachi, M. *see* Srairi, K. 102758
Felice, C.de *see* de Felice, C.
Felici, R. *see* Gill, A. 90597
Felici, S. *see* Pardo, F. 119720
Feliciano, L. *see* Clark, S.L. 114392
Feliciello, A. *see* Agnello, M. 110583
Felipe, A. *see* Martinez-Verdu, F.M. 108574
Felisberto, P., Jesus, S.M. Towed-array beamforming during ship's manoeuvring 88726
Feliu, S. *see* Galvan, J.C. 62458
Felix, C.I. *see* Malin, J.I. 96405
Felix, C.L. *see* Malin, J.I. 65334
Felix, C.L. *see* Malin, J.I. 96263
Felix, D. *see* Svozil, K. 97401
Felix, M.T. Preparing the market for enhanced service implementations 67655
Felix, P. Interconnects for ULSI: state of the art and future trends 84226
Felix, P. *see* Hernanz, M.L. 66159
Felix, R. *see* Knollmann, F.D. 80350
Felix, R. *see* Maurer, J. 80351
Felix Wong, W.S. *see* Chan, S.W.K. 117837
Feliziani, M., Maradei, F. An explicit-implicit solution scheme to analyze fast transients by finite elements 97093
Feliziani, M., Maradei, F. Edge element analysis of complex configurations in presence of thin shields 107954
Felker, B. *see* Deis, G. 106719
Felker, B.S. *see* Langan, J.G. 61349
Fell, J., Roschke, J., Maun, K., Schaffner, C. Discrimination of sleep stages: a comparison between spectral and nonlinear EEG measures 90525
Fell, J., Roschke, J., Schaffner, C. Surrogate data analysis of sleep electroencephalograms reveals evidence for nonlinearity 110822
Fell-Bosenbeck, F. *see* Micke, T. 99792
Fellegara, A. Effects of the optical filter bandwidth on the transmission performances of in-line repeater optical amplifiers 99543
Fellegara, A. Theoretical and experimental investigation of the optimum location for an in-line fiber amplifier in high bit rate transmission systems 109638
Fellegara, A., Amato, L., Sacchetto, P., Boffi, P., Melloni, A., Martinelli, M. Polarization insensitive measurement of the fiber-optic nonlinear refractive index 85012
Fellegara, A. *see* Amato, L. 65444
Fellegara, A. *see* Boffi, P. 95672
Fellenberg, J. Possibilities of modern SCADA systems–the infrastructure control system VICOS P500 81960
Fellenz, B. *see* Chou, P.J. 100542
Feller, J. *see* Fredricksen, H. 106442
Feller, J. *see* Hucho, C. 106642
Feller, J.F. *see* Rubin, G.D. 90324
Feller, J.R. *see* Gang Zhou 82748
Feller, W.B. *see* Tremsin, A.S. 120199
Fellerhoff, J.R. *see* Burkhart, G.R. 120900
Fellers, T.J. *see* Hascicek, Y.S. 96984
Fellinger, M. *see* Grechenig, W. 80200
Fellman, R.D. *see* Bendak, M.B. 118503
Fellman, R.D. *see* Picker, D. 118056
Fellmuth, B. *see* Luther, H. 119933
Fellner, J.P., Sandhu, S.S. Diffusion-limited self-discharge reaction in the Hubble space telescope battery 120627
Fellows, A.T. A renewable energy development strategy for the borders region of Scotland 102581
Fellows, D. Mitigation of lightning-induced ingress 68381
Fells, J. *see* Molony, A. 68482
Felmlee, J.P. *see* Yi Wang 101225
Felner, I. *see* Peleg, N. 115474
Felsen, L.B. *see* Carin, L. 98204
Felsen, L.B. *see* Carin, L. *(editor)* 92029
Felsner, P. *see* Achterberg, N. 62653
Felt, E., Sangiovanni-Vincentelli, A. Optimization of analog IC test structures 106141
Felt, E. *see* Malavasi, E. 95098
Felt, K. *see* Quandt, E. 82782
Felten, J.J. *see* Hoffheins, B.S. 100167
Felter, T. *see* Fleming, J.G. 74025
Felter, T. *see* Fleming, J.G. 83736
Felter, T.E. *see* Malinowski, M.E. 74019
Felter, T.E. *see* Talin, A.A. 94171
Feltes, J.W. *see* de Mello, F.P. 101926
Feltin, L. *see* Descamps, F. 101872
Feltman, C. A reality check on virtual LANs 98718
Felts, B. *see* Parrish, G. 67215
Feltus, M.A. *see* DeChaine, M.D. 121315
Femandez, B.S. *see* Goldstein, J.L.F. 62522
Femenias, G., Furio, I. Dual MRC diversity reception of TCM-MPSK signals over Nakagami fading channels 108097
Femenias, G., Furio, I. Performance of trellis-coded DS-CDMA over frequency-selective fading mobile radio channels 108805
Femenias, G., Gelonch, A., Comas, J.M., Perez-Briceiio, F.J. Joint antenna diversity and combined soft output MAP equalization/decoding of TCM on frequency-selective fading mobile radio channels 68310
Femenias, G., Perez-Briceno, F.J., Gelonch, A., Furio, I. Transmitter power control for DS/CDMA cellular mobile radio networks 88309
Femia, N. A fast method to find the state of switches after forced commutations in switching converters 121677
Femia, N., Lupo, G., Petrarca, C., Tucci, V., Vitelli, M. Performances of high-voltage glass insulators subjected to fast transient overvoltages 70952
Femia, N., Tucci, V. An optimized method for the time domain analysis of switched RLC networks 113713
Femia, N. *see* Cirillo, A. 113714
Femia, N. *see* Cirillo, A. 121676
Fen, S.A. *see* Provorov, A.S. 116357
Fen Li Tze *see* Tze Fen Li
Fend, H. Progress in metal sealing techniques 94161
Fend Zhenming *see* Wang Xiaohua 91255
Fenech, H. *see* De Maagt, P.J.I. 66028
Fenelon, G. *see* Burgun, L. 83084
Feng, B. *see* Li, Y. 77750
Feng, C. *see* Wang, M.C. 65716
Feng, C.-C., Chi, C.-Y. A new algorithm for the design of Wiener filters using a cumulant-based MSE criterion 97858
Feng, D. Verifiable signature sharing for DSA with heuristic security 97541
Feng, D., Sung-Cheng Huang, ZhiZhong Wang, Ho, D. An unbiased parametric imaging algorithm for nonuniformly sampled biomedical system parameter estimation 101193
Feng, D. *see* Ho-Shon, K. 110771
Feng, D. *see* Hu, W.S. 95797
Feng, D. *see* Wu, X.L. 83959
Feng, G.-L. *see* Park, C.-S. 117217
Feng, G.C. *see* Huang, C. 84554
Feng, G.C. *see* Yuen, P.C. 98220
Feng, H.X.C. *see* Fochs, S.N. 65147
Feng, H.X.C. *see* Le Sage, G.P. 65381
Feng, H.X.C. *see* Le Sage, G.P. 107031
Feng, H.X.C. *see* Le Sage, G.P. 116571
Feng, J., Chen, T.R., Yariv, A. Observation of the shift of frequency chirp in two section distributed feedback semiconductor lasers 65261
Feng, J.S. Cross talk in shielded magnetoresistive sensors 115723
Feng, J.S. The effects of waveform asymmetry on the offtrack capability of an MR head 115786
Feng, J.Y., Zheng, Y., Zhang, F.W., Fan, Y.D. Growth of ZnTe films by ionized cluster beam epitaxy at low temperature 83841
Feng, L.H. *see* Mao, D. 112363
Feng, M., Gao, F., Zhongmin Zhou, Kruse, J., Heins, M., Jianshi Wang, Remillard, S., Lithgow, R., Scharen, M., Cardona, A., Forse, R. High temperature superconducting resonators and switches: design, fabrication, and characterization 93697
Feng, M., Scherrer, D.R., Apostolakis, P.J., Kruse, J.W. Temperature dependent study of the microwave performance of 0.25-μm gate GaAs MESFETs and GaAs pseudomorphic HEMTs 63788
Feng, M. *see* Ahmari, D.A. 62236
Feng, M. *see* Chian-Gauh Shih 78928
Feng, M. *see* Malin, J.I. 119675
Feng, M. *see* Stillman, G.E. 84337
Feng, M. *see* Thomas, S. 94942
Feng, M.-S. *see* Tai, Y.-H. 84368
Feng, M.S., Guo, J.D., Lu, Y.M., Chang, E.Y. Reactive ion etching of GaN with BCl_3/SF_6 plasmas 94764
Feng, M.S. *see* Chih-Hao Lee 74257
Feng, M.S. *see* Guo, J.D. 83994
Feng, M.S. *see* Guo, J.D. 94594
Feng, M.S. *see* Lin, C.F. 74260
Feng, M.S. *see* Tai, Y.H. 74286
Feng, M.S. *see* Ya-Hsiang Tai 94962
Feng, P. *see* Serbutoviez, C. 85620

Feng, Q. *see* Tompkins, M.W. 107830

Feng, S. *see* Zhuang, B. 107647

Feng, T., Christou, A., Girginoudi, D., Hatzopoulos, Z. Rapid thermal processing of contacts and buffer layers for compound semiconductor device technology 84059

Feng, T., Tong, Q.-Y., Askinazi, J., Gosele, U.M. Application of direct bonding to the fabrication of Si-ZnS composite infrared windows 69291

Feng, W., Zhang, Z.G., Yu, Y., Huang, Q., Fu, P.M., Zhou, J.M. Resonant photorefractive AlGaAs/GaAs multiple quantum wells grown by molecular beam epitaxy at low temperature 65505

Feng, W. *see* Lin, S. 106829

Feng, W. *see* Pappas, G.C. 100722

Feng, W.-C., Sechrest, S. Improving data caching for software MPEG video decompression 86563

Feng, W.-S. *see* Lin, M.-S. 81994

Feng, W.-S. *see* Lio, J.-B. 102819

Feng, W.-S. *see* Yih, S.-J. 73447

Feng, W.Q., Forsyth, E.B. Eddy currents induced in a muon storage ring vacuum chamber due to a fast kicker 89776

Feng, X., Farrell, P.G. Information set decoding of generalised concatenated codes 117230

Feng, X. *see* Holzscheiter, M.H. 79984

Feng, X.H. *see* Wilson, A.M. 112300

Feng, Y. *see* Fletcher, R. 105284

Feng, Y. *see* Gelenbe, E. 110801

Feng, Y. *see* He, J.-J. 85504

Feng, Y. *see* Koteles, E.S. 65366

Feng, Y. *see* Ponds, M.L. 96497

Feng, Y. *see* Poole, P.J. 85321

Feng, Y. *see* Poole, P.J. 96038

Feng, Y. *see* Sachrajda, A.S. 62935

Feng, Y. *see* Sachrajda, A.S. 105358

Feng, Y. *see* Sachrajda, A.S. 105412

Feng, Y.C. *see* Kemner, K.M. 64452

Feng, Y.C. *see* Laughlin, D.E. 106579

Feng, Z., Wu, H., Unbehauen, R. A real-time digital simulation model of the electromagnetic transients of one phase short circuit of double-circuit high-voltage line on the same tower 81072

Feng, Z.C., Rohatgi, A., Tin, C.C., Hu, R., Wee, A.T.S., Se, K.P. Structural, optical, and surface science studies of 4H-SiC epilayers grown by low pressure chemical vapor deposition 72779

Feng, Z.C. *see* Carter-Coman, C. 103962

Feng, Z.C. *see* Li, K. 83915

Feng, Z.C. *see* Rohatgi, A. 112365

Feng Bin *see* Zhao Zhengdong 118553

Feng Boru, Chen Baoqin Chromeless phase shift mask photolithography 63503

Feng Chen, Leung, B. A 0.25 mW 13 b passive $\Sigma\Delta$ modulator for a 10 MHz IF input 73471

Feng Chen *see* Chen Feng

Feng Chen Kuo *see* Kuo Feng Chen

Feng Chongxi *see* Liu Zhiyong 117279

Feng Chongxi *see* Shi Fuqiang 118005

Feng Chongxi *see* Zhou Guojun 118720

Feng Chongxi *see* Chongxi Feng

Feng Chunyang *see* Deng Xiancan 83409

Feng Dagan *see* Dagan Feng

Feng Deng-Guo *see* Deng-Guo Feng

Feng Dengguo, Xiao Guozhen On the construction of higher-order nonlinearity balanced Boolean functions 108092

Feng Duan *see* Duan Feng

Feng Fang *see* Fang Feng

Feng Gao, Klein, M.V., Kruse, J., Milton Feng Mode coupling in superconducting parallel plate resonator in a cavity with outer conductive enclosure 73740

Feng Gao *see* Gao Feng

Feng Guanping *see* Guanping Feng

Feng Gui-Liang *see* Gui-Liang Feng

Feng Guiliang *see* Guiliang Feng

Feng Guogang *see* Wang Pu 116343

Feng Guoying, Lu Baida, Ye Yidong, Cai Bangwei, Chunyu Yongmei, Sui Zhan, Zhang Xiaomin Measurement of small signal gain coefficient and storage efficiency of the multi-slab Nd:glass laser amplifier 107209

Feng Hongjuan *see* Lu Huaxiang 106131

Feng Huang *see* Allison, C. 118233

Feng Huanqing *see* Du Keqiang 119513

Feng Hui, Ying Long-An Infinite element method for variational inequalities with discontinuous coefficients 103541

Feng Ji *see* Ji Feng

Feng Jian *see* Jian Feng

Feng Jiang *see* Chopp, M. 120510

Feng Jieqing *see* Ma Lizhuang 60923

Feng Jin *see* Jin Feng

Feng Jin-Jun *see* Jin-Jun Feng

Feng Jing *see* Guangyi Wan 89161

Feng Lei, Itoh, M., Yatagai, T. Optical entropy network mapped from a binary feature tree classifier 86994

Feng Li *see* Li Feng

Feng Lin, Ruan Yingzheng Application of FSS to reduction of antennas' RCS 76625

Feng Lin *see* Brandt, R.D. 98287

Feng Lin *see* Lin Feng

Feng Liqiang *see* Liqiang Feng

Feng Liu *see* Kechu Yi 76886

Feng Liu *see* Sha, W.L. 96131

Feng Liu *see* Liu Feng

Feng Lu *see* Hoton How 62806

Feng Lu *see* Lu Feng

Feng Milton *see* Milton Feng

Feng Ming-Shiann *see* Ming-Shiann Feng

Feng Nan-Jin *see* Nan-Jin Feng

Feng Pan, Keane, M., Redfern, M. Wake vortex recognition in airborne lidar return signals 86656

Feng Pan *see* Pan Feng

Feng Qian *see* Qian Feng

Feng Shan *see* Yang Jianjun 96236

Feng Shiwei, Lu Changzhi, Ding Guangyu Study of temperature characteristic of GaAs MESFET forward Schottky junction 84483

Feng Shizhang *see* Li Jingwen 109708

Feng Shuwen *see* Wu Futian 75650

Feng Shuwen *see* Wu Futian 100082

Feng Suochun *see* Liao Riping 117931

Feng Tian *see* Guifang Li 119149

Feng Tian *see* Tian Feng

Feng Tinggui *see* Lai Dongxian 116613

Feng Wang, Harjani, R. Optimal design of op amps for oversampled converters 114026

Feng Wang, Heineke, R., Harjani, R. A low voltage class AB CMOS amplifier 113768

Feng Wang *see* Wang Feng

Feng Wei *see* Wei Feng

Feng Wenquan, Zhang Hua Influence of load disposition on pulse energy intruding into the heater of a RF tube 112047

Feng Wu-Chi *see* Wu-Chi Feng

Feng Wu-Shiung *see* Wu-Shiung Feng

Feng Xia, Meliopoulos, A.P.S. A methodology for probabilistic simultaneous transfer capability analysis 101925

Feng Xiang, Gar Lam Yip A TM Y-branch wavelength multi/demultiplexer by K^+ and Ag^+ ion-exchange for λ=1.31 and 1.55 μm 85073

Feng Xiaogang *see* Xiaogang Feng

Feng Yan *see* Song Tong 95956

Feng Yanming *see* Yanming Feng

Feng Ye *see* Ye Feng

Feng Yidong *see* Yidong Feng

Feng Youbin *see* Zhang Qixin 80688

Feng Yu Yu *see* Yu Yu Feng

Feng Yuan Wang *see* Wang Feng Yuan

Feng Yucai *see* Zhang Xiaoshen 98710

Feng Yucheng *see* Liu Zhanwen 110531

Feng Yumin *see* Yumin Feng

Feng Yun *see* Yan Wang 85277

Feng Yun *see* Yun Feng

Feng Yutao *see* Yutao Feng

Feng Zhang *see* Zhang Feng

Feng Zhao, Hanying Zhou, Zhongkang Wu, Yu, F.T.S., McMillen, D.K. Temperature dependence of light-induced scattering in a Ce:Fe:$LiNbO_3$ photorefractive crystal 115978

Feng Zhao, Koichi Sayano Compact read-only memory with lensless phase-conjugate holograms 95661

Feng Zhao *see* Zhao Feng

Feng Zhaozhi, Huang Zailu, Yang Shuzi CMOS current-mode signed multivalued PLA's 93286

Feng Zhibiao, Zhou Qinyi, Wu Hong Real-time digital simulation model of double-circuit high-voltage line and its digital integral method 111648

Feng Zhihong *see* Yang Ning 90953

Feng Zhihong *see* Zhou Shuangxi 120979

Feng Zhiming *see* Ye Cheng 85681

Feng Zhou *see* Zhou Feng

Feng Zhu *see* Zhu Feng

Feng-Hui Yao, Shao, G., Tamaki, A., Kato, K. Layout understanding of Japanese business card based on the destination of character center line 86697

Feng-Ming Liu *see* Hsiao-Yi Lin 115212

Feng-Qiang Li *see* Jie-Xin Li 65556

Feng-Wen Sun, Han Vinck, A.J. An algorithm for identifying rate (n−1)/n catastrophic punctured convolutional encoders 66305

Feng-Wen Sun, Vinck, A.J. An algorithm for identifying rate (n−1)/n catastrophic punctured convolutional encoders 66388

Feng-Zhen Guo, Chang-Tai Yu, Wei Wang, Lei Chen, Saruwatari, E., Morimoto, A., Kobayashi, T. Novel electro-optic modulator that can generate tetrahertz-width sidebands 116114

Fengfang Yang, Guangguo Bi On the performance analysis of multidimensional TCM DS/SSMA in Rayleigh fading channel 119050

Fenghai Liu *see* Zhixing Yang 119205

Fenghai Sui *see* Shengshi Zhu 102234

Fenghui Geng *see* Geng Fenghui

Fenglei Du, Izatt, A., Bandera, C. An MIMD computing platform for a hierarchical foveal machine vision system 86445

Fenglin Shen *see* Shen Fenglin

Fengmei Dai *see* Dai Fengmei

Fengmei Wu *see* Wu Fengmei

Fengqi Bao *see* Bao Fengqi

Fengqin Yan *see* Yan Fengqin

Fengting Sang *see* Sang Fengting

Fengxia Wang *see* Wang Fengxia

Fengxiang Liu *see* Liu Fengxiang

Fengyao Hu *see* Hu Fengyao

Fengyin Li *see* Li Fengyin

Fengying Du *see* Du Fengying

Fengyuan Yang, Dayan Ban, Rongchuan Fang, Shihong Xu, Pengshou Xu, Shixin Yuan Valence band offset and interface formation of Ge/ZnSe(100) studied by synchrotron radiation photoemission 83909

Fengyuan Yang *see* Dayan Ban 83910

Fengzen Duan *see* Duan Fengzen

Fenigstein, A., Finkman, E., Bahir, G., Schacham, S.E. X-Γ indirect intersubband transitions in type II GaAs/AlAs superlattices 105383

Fenimore, D.L., Schepler, K.L., Zelmon, D., Kuck, S., Ramabadran, U.B., Von Richter, P., Small, D. Rubidium titanyl arsenate difference-frequency generation and validation of new Sellmeier coefficients 107592

Fenk, J. *see* Pipilos, S. 114070

Fenk, J. *see* Pipilos, S. 114074

Fenn, A.J. High-resolution adaptive nulling performance for a lightweight agile EHF multiple beam antenna 66023

Fenn, A.J. Minimally invasive monopole phased arrays for hyperthermia treatment of breast cancer 70208

Fenn, L.N. *see* Fleming, A.D. 90470

Fenn, R.C. *see* Dozer, D.M. 115871

Fenn, S.T.J., Benaissa, M., Taylor, D. Fast normal basis inversion in GF(2^m) 93309

Fennell, R.E. *see* Kiessler, P.C. 98441

Fenner, D. *see* Roosli, P. 118726

Fenner, D.B. *see* Pang-Jen Kung 95303

Fenner, D.B. *see* Rosenthal, P.A. 95503

Fenner, D.K., Hoover, W.F., Jr. Test results of a space-time adaptive processing system for airborne early warning radar 109770

Fennessy, K.P. *see* Adams, R.W. 82216

Fenniman, C. *see* Merenda, J.L. 68166

Fenocchi, A. *see* Pullen, K.R. 91877

Fenq-Lin Jenq *see* Bor-Yir Chen 106036

Fenske, F. *see* Hietschold, M. 113333

Fenske, G.R. *see* Erdemir, A. 92845

Fenster, A. *see* Rickey, D.W. 70039

Fenster, A. *see* Rickey, D.W. 110673

Fenster, A. *see* Tong, S. 110672

Fenster, A. *see* Westmore, M.S. 80214

Fenster, S.D. *see* Boult, T.E. 77169

Fent, J. *see* Braunschweig, W. 120173

Fenton, B. Debug and beyond [PCB test] 114444

Fenton, C.J., Johnston, W., Gilliland, J.D. Mobile data services 99378

Fenton, E.W., Gurevich, V.L., Pevzner, V.B., Hess, K. Phonon-assisted Landauer resistance 62878

Fenton, J.M. *see* Jaw, S.-J. 63997

Fenton, R. *see* Williams, D.F. 100293

Fenves, S.J. *see* Stasiak, D.M. 72385

Fenwick, A.J. Higher order reverberation statistics for non-uniformly distributed scatterers [sonar] 68731

Fenwick, A.J., Hayward, S.D., Richardson, P.G. Clutter simulation for adaptive airborne radar 70591

Fenwick, S. *see* Raman, G. 116237

Fenyuk, A. *see* Alvsvaag, S.J. 90124

Fenyves, A., Barbuio, C. Internetting different manufacturers' MANs to provide wide-area SMDS service 67846

Fenyves, E.J. *see* Fernando, J.L. 80259

Fenyves, E.J. *see* Gemmill, P.E. 80257

Fenyvesi, A. *see* Arefiev, A. 69787

Fenzi, N.O. *see* Matthaei, G.L. 83313

Fenzi, N.O. *see* Raihn, K.F. 93700

Feo, M. *see* Bernini, U. 116656

Feofilaktov, V.A. *see* Ikonnikov, V.K. 107085

Feoktistov, L.P. *see* Burtsev, A.V. 107181

Feoktistov, V.P. Different technical solutions of high speed electrotrains 112498

Feoktistov, Yu.A. A systems approach in radio engineering 109333

Feray, N., De Brucq, D. Recognition system of unconstrained handwritten numerals 98067

Ferbrache, D. The nature of the hacking threat to open networks 87752

Ferdes, O. *see* Minea, R. 100762

Ferdinand, R., Lagniel, J.-M., Mattei, P. RFQ design for high-intensity proton beams 89727

Ferdinand, R. *see* Beauvais, P.-Y. 89995

Ferdjallah, M., Bostick, F.X., Barr, R.E. Potential and current density distributions of cranial electrotherapy stimulation (CES) in a four-concentric-spheres model 101408

Ferecatu, M. *see* Vlad, A. 87202

Fereira, N.G. *see* Mendes de Barros, R.C. 113414

Ferekides, C. *see* Rohatgi, A. 112365

Ferekides, C.S., Ceekala, V., Dugan, K., Killian, L., Oman, D., Swaminathan, R., Morel, D. Recent advances in thin film CdTe solar cells 112338

Ferekides, C.S. *see* Attar, G. 112369

Ferekides, C.S. *see* Oman, D.M. 112332

Ference, J. *see* Zoratti, P. 68640

Ferencei, J. *see* Ban, J. 69810

Ferendeci, A.M. *see* Shih-Lin Lu 73653

Ferens, K., Kinsner, W. Multifractal texture classification of images 77456

Ferentinos, K. *see* Tsairidis, C. 97399

Feretic, D., Mikulicic, V., Tomsic, Z. Solar energy application in electric energy supply 71184

Feretic, D., Tomsic, Z. Possibility of biomass application in the electric energy production of Croatia 111771

Fergason, J., McCoy, J., Berman, A. Application of time-based multiplexing to LCD projection displays 89228

Ferguson, B. *see* John, S. 114569

Ferguson, B.A., Sellidj, A., Doris, B.B., Mullins, C.B. Supersonic-jet-assisted growth of GaN and GaAs films 82591

Ferguson, B.A. *see* Pacheco, K.A. 92739

Ferguson, B.A. *see* Sellidj, A. 72759

Ferguson, D.C., Hillard, G.B., Morton, T.L. SAMPIE measurements of area effects on the electron current collection by standard silicon solar arrays 121893
Ferguson, D.C. *see* Hillard, G.B. 121894
Ferguson, D.W. *see* Nordheden, K.J. 63297
Ferguson, F.J. *see* Konuk, H. 106204
Ferguson, F.J. *see* Schlag, M. 83047
Ferguson, G.A. *see* Bergano, N.S. 88646
Ferguson, G.A. *see* Evangelides, S.G., Jr. 109667
Ferguson, G.A. *see* Feggeler, J.C. 78683
Ferguson, G.L., Berry, J.T. Implementing modern product realization 92137
Ferguson, I. *see* Michel, E. 82601
Ferguson, I. *see* Michel, E. 100006
Ferguson, J. *see* Woolery, B. 111642
Ferguson, L.J. Bus industry changing to electric 112576
Ferguson, M. *see* Horan, D. 102855
Ferguson, P.F. *see* Yunteng Huang 104296
Ferguson, P.F. *see* Yunteng Huang 104745
Ferguson, P.F., Jr. The practical design of ΣΔ data converters 83181
Ferguson, R.A. *see* Brunner, T.A. 84258
Ferguson, R.D.G. *see* Yeung, D. 120390
Ferguson, R.S. *see* Sprevak, D. 106171
Ferguson, S. *see* Elgaid, K. 104858
Ferguson, S.M., Hiltbrand, J.R. A new charging belt for an EN [tandem accelerator} 79779
Ferguson, S.W., Callis, R.W., Cary, W.P., Harris, T.E., Allen, J.C. RF power diagnostics and control on the DIII-D, 4 MW 30-120 MHz Fast Wave Current Drive System (FWCD) 110313
Ferguson, S.W., Callis, R.W., Cary, W.P., Phelps, D.A., Ponce, D., Baity, F.W., Barber, G. RF high voltage performance of RF transmission line components on the DIII-D Fast Wave Current Drive (FWCD) System 111613
Ferguson, S.W. *see* Harris, T.E. 112076
Ferhati, R. *see* Cassar, J.P. 103473
Feria, E.H. *see* Guerci, J.R. 77038
Feria, E.H. *see* Guerci, J.R. 78974
Ferianis, M. *see* Bocchetta, C.J. 79809
Ferianis, M. *see* Bulfone, D. 76053
Ferianis, M. *see* Walker, R.P. 96521
Feridun, M., Heusler, L., Nielsen, R. Implementing OSI agent/managers for TMN 108955
Ferioli, F. *see* Faugier, A. 79948
Ferkal, K., Poloujadoff, M., Dorison, E. Proximity effect and eddy current losses in insulated cables 102158
Ferket, P.J.J., Reusken, A.A. A finite difference discretization method for elliptic problems on composite grids 72672
Ferkolj, S., Fiser, R. On-line fault diagnostic techniques of induction motor drives 91824
Ferland, G., Torres-Moreno, R. Development of a computerized visual feedback system to re-educate functional pinch in patients with motor or sensory deficits 70256
Ferland, J.A. *see* Fleurent, C. 82421
Ferland, J.A. *see* Fleurent, C. 92523
Ferlet-Cavrois, V., Musseau, O., Leray, D.L., Raffaelli, M., Pelloie, J.L., Raynaud, C. Total dose effects on a fully-depleted SOI NMOSFET and its lateral parasitic transistor 106019
Ferlet-Cavrois, V. *see* Durbin, F. 94884
Ferlet-Cavrois, V. *see* Escoffier, R. 106016
Ferlet-Cavrois, V. *see* Gardic, F. 73387
Ferlet-Cavrois, V. *see* Gardic, F. 104555
Ferling, D., Richter, H. Thin film multilayer technology for microwave applications 62514
Ferling, D. *see* Spalthoff, U. 96071
Ferman, A.M., Panayirci, E. Image segmentation based on multiscale random field models 86517
Fermann, M.E., Harter, D., Minelly, J.D., Vienne, G.G. Cladding-pumped passively mode-locked fiber laser generating femtosecond and picosecond pulses 96144
Fermann, M.E., Minelly, J.D. Cladding-pumped passive harmonically mode-locked fiber laser 96145
Fermann, M.E. *see* Hofer, M. 65102
Fermann, M.E. *see* Sucha, G. 116416
Fermi, U., Fiumara, A., Rossi, G. An innovative mathematical model of RF-induced quiescent point shift in a BJT 93837
Fermigier, S. Construction of high-rank elliptic curves over **Q** and **Q**(t) with non-trivial 2-torsion 103658
Fermin, I., Imiya, A., Ichikawa, A. Randomized polygon search for planar motion detection 117548
Fermin, R.De *see* De Fermin, R.
Fermuller, C., Stuart, B., Aloimonos, Y. Medusa synthesized [Purposive and qualitative active vision] 77149
Fermuller, C. *see* Bolle, R.M. 86637
Fermuller, C. *see* Brodsky, T. 67283
Fermuller, C. *see* Loong Fah Cheong 86648
Fern, D. *see* Twidell, J.W. 102574
Fernandes, A.B. *see* Naidu, S.R. 113748
Fernandes, A.S.C. Perspectives for university engagement in continuing engineering education (CEE) 60463
Fernandes, B.E. Towards 3rd-generation mobile systems 99284
Fernandes, C.A. Scalar network analysis using a PC and a standard microwave lab bench 110045
Fernandes, C.A., Frances, P.O., Barbosa, A.M. Shaped coverage of elongated cells at millimetrewaves using a dielectric lens antenna 97336
Fernandes, C.F. On the performance of MQW-DFB InGaAsP lasers in the near-threshold regime 75932
Fernandes, C.F. Mode spectrum and threshold gain calculations in DFB lasers 96601
Fernandes, C.F. *see* Ribeiro, A.L. 116561
Fernandes, C.Ferreira *see* Ferreira Fernandes, C.
Fernandes, D., Waller, G., Moreira, J.R. Registration of SAR images using the chirp scaling algorithm 111147
Fernandes, H.C.C. *see* Junior, I.deS.Q. 62153
Fernandes, H.C.C. *see* Queiroz, I.S., Jr. 93682
Fernandes, J., Sousa, O., Neves, J. Impact of the antenna set-up and arrays on mobile radio systems 68234
Fernandes, J. *see* Albuquerque, E. 61849
Fernandes, J.C.Aparicio *see* Aparicio Fernandes, J.C.
Fernandes, L., Leme, C.A., Franca, J. Programmable IIR bitstream filters 83225
Fernandes, L. *see* Fortunato, E. 79402
Fernandes, M., Correia de Barros, M.T., Almeida, M.E. Statistical study of the lightning overvoltages at a gas insulated station transformer 112157
Fernandes, M. *see* Jawarani, D. 114998
Fernandes, M.F., Cruz, L., Kerner, H. SAS–an intelligent system application for power systems incident analysis and maintenance management 70653
Fernandes, M.F. *see* Suzuki, H. 90942
Fernandes, M.F. *see* Vale, Z.A. 101850
Fernandes, M.F. *see* Vale, Z.A. 101859
Fernandes, M.R. *see* Hummelgen, I.A. 64969
Fernandes, P. *see* Alotto, P. 65661
Fernandes, P. *see* Alotto, P. 65694
Fernandes, R., Miller, J.R., Band, L.E. Comparison of linear least squares unmixing methods and Gaussian maximum likelihood classification 111136
Fernandes, R., White, H.P., Peddle, D.R., Miller, J.R., Band, L.E. The reflectance of Pleurozium scheberi as a function of water status and its implications on understory reflectance variations for BOREAS sites 120670
Fernandez, A., Bedrossian, P.J., Baker, S.L., Vernon, S.P., Kania, D.R. Magnetic force microscopy of single-domain cobalt dots patterned using interference lithography 115521
Fernandez, A. *see* Blanco-Garcia, J. 107631
Fernandez, A. *see* Lawson, W. 62605
Fernandez, A. *see* Lawson, W. 62614
Fernandez, A. *see* Spallas, J.P. 74000
Fernandez, A. *see* Spallas, J.P. 84260
Fernandez, A.M., Sebastian, P.J., Bhattacharya, R.N., Noufi, R., Contreras, M., Hermann, A.M. An 8% CuInSe$_2$-based solar cell formed from an electrodeposited precursor film 81893
Fernandez, B.S. *see* Goldstein, J.L.F. 94117
Fernandez, C. *see* Haddadi, S. 66914
Fernandez, C. *see* Saengsuwan, T. 70963
Fernandez, C.L., Basso, A., Hubaux, J.P. Error concealment and early resynchronization techniques for MPEG-2 video streams damaged by transmission over ATM networks 86584
Fernandez, D. *see* Ganapathy, G. 83147
Fernandez, D. *see* Leon, B. 61365
Fernandez, F. *see* Luguera, E. 101468
Fernandez, F.A. Recent developments in finite element analysis of optical and microwave devices 93767
Fernandez, F.A., Lu, Y., Pan, G., Tan, J. Comments on "A new edge element analysis of dispersive waveguiding structures" 107991
Fernandez, F.A. *see* Hernandez-Figueroa, H.E. 96716
Fernandez, F.A. *see* Valenzuela, A.Q. 76370
Fernandez, F.A. *see* Yilong Lu 64745
Fernandez, G. *see* Mattavelli, M. 67064
Fernandez, G. *see* Wittenbrink, C.M. 70542
Fernandez, G.Enrique *see* Enrique Fernandez, G.
Fernandez, I.B., Wunnava, S. A private architecture for public networks 109160
Fernandez, J., Godignon, P., Berberich, S., Rebollo, J., Brezeanu, G., Millan, J. High frequency characteristics and modelling of p-type 6H-silicon carbide MOS structures 94628
Fernandez, J. *see* Barbero, O. 111019
Fernandez, J. *see* Flores, D. 63644
Fernandez, J. *see* Flores, D. 63645
Fernandez, J. *see* Thornton, T.J. 105403
Fernandez, J. *see* Vellvehi, M. 82938
Fernandez, J.-C. *see* Doldi, L. 118189
Fernandez, J.F., Dogan, A., Zhang, Q.M., Tressler, J.F., Newnham, R.E. Hollow piezoelectric composites 72978
Fernandez, J.F. *see* Koc, B. 106387
Fernandez, J.F. *see* Martin, P. 94298
Fernandez, J.F. *see* Tressler, J.F. 111375
Fernandez, J.L. *see* Blanco-Garcia, J. 107631
Fernandez, J.L. *see* de la Fuente, J.I. 101868
Fernandez, J.L. *see* Dorrio, B.V. 119862
Fernandez, J.L. *see* Doval, A.F. 76272
Fernandez, J.L. *see* Sancha, J.L. 70815
Fernandez, J.L. *see* Sancha, J.L. 101980
Fernandez, J.M., Hart, L., Zhang, X.M., Xie, M.H., Zhang, J., Joyce, B.A. Silicon/silicon-germanium multiple quantum wells grown by gas-source molecular beam epitaxy: hydrogen coverage and interfacial abruptness 103925
Fernandez, J.M. *see* Joyce, B.A. 103922
Fernandez, J.M. *see* Matsumura, A. 62821
Fernandez, J.M. *see* Morales, R. 64733
Fernandez, J.M. *see* Zhang, J. 61290
Fernandez, J.M. *see* Zhang, J. 103864
Fernandez, J.R. *see* Hermida, R.C. 90268
Fernandez, J.R. *see* Hermida, R.C. 90269
Fernandez, M. *see* Mendias, J.M. 73241
Fernandez, M.C., de Vicuna, L.G., Ripoll, J.O. An averaged continuous model for the quantum-series resonant converter 121662
Fernandez, M.Legua *see* Legua Fernandez, M.
Fernandez, P. *see* Castaldini, A. 114648
Fernandez, P. *see* Panin, G. 105655
Fernandez, P.B. *see* Naya, J.E. 69895
Fernandez, P.C. *see* Zani, C.R. 111489
Fernandez, S. *see* Morales, R. 64733
Fernandez, S.Fernandez *see* Fernandez Fernandez, S.
Fernandez, V., Sanchez, P. Partial scan high-level synthesis 73036
Fernandez Barciela, M. *see* Tasker, P.J. 62290
Fernandez Centeno, M. *see* Martinez Torre, J.I. 113897
Fernandez de Velasco, D. *see* Beltran, F.A. 97685
Fernandez del Rio, J.E., Sarkar, T.K. Comparison between the matrix pencil method and the Fourier transform technique for high-resolution spectral estimation 77047
Fernandez Diaz, J.M., Virgos Rovira, J.M., Guinea Rueda, A., Palacios Diaz, S., Diaz Crespo, R., Fernandez Fernandez, S., Martinez-Garcia, J.C., Rodriguez Garcia, J. A complete analysis of a new method for obtaining the characteristics of slab optical waveguides with step index profiles from measurements of effective indices 97250
Fernandez Fernandez, S. *see* Fernandez Diaz, J.M. 97250
Fernandez Lillo, E., Llovet, R., Boronat, M. Effect of tungsten-187 in a primary coolant on dose rate build-up in Vandellos 2 71071
Fernandez Merono, J.M., Roca Dorda, J., Roca Nieto, L., Toledo Moreo, J. Movement evaluator system via R.F. transmission 101304
Fernandez-Alonso, M. *see* Tajahuerce, E. 108646
Fernandez-Baca, D. *see* Agarwala, R. 82435
Fernandez-Canque, H.L. *see* Freer, J.A. 117875
Fernandez-de-Castro, J.J., Machelski, R.J., Swanson, L.G., Mowry, G.S. Permanent magnet stabilization of an overlaid MR head 115708
Fernandez-Duran, A., Sanjuan, T., Sevenhans, J., Dulongpont, J., Paez, J.M., Casajus, J., Barrett, J., Roste, T., Fletcher, G. Zero-IF receiver architecture for multistandard compatible radio systems. GIRAFE project 109540
Fernandez-Duran, A. *see* Perez-Abadia, M. 109515
Fernandez-Pena, J., Ramirez-Malo, J.B., Ruiz-Perez, J.J., Corrales, C., Marquez, E., Villares, P., Jimenez-Garay, R. On the Ag-photodissolution phenomenon in As$_{0.35}$S$_{0.65}$ chalcogenide glass films 74288
Fernandez-Vargas, J. *see* Ledwich, G. 90993
Fernando, C. *see* Lake, R. 105877
Fernando, C.J.L. *see* Macks, L.D. 105356
Fernando, C.L. *see* Deshpande, M.R. 63811
Fernando, C.L. *see* Frensley, W.R. 63827
Fernando, I. *see* McLaren, P.G. 81140
Fernando, I. *see* McLaren, P.G. 81146
Fernando, I. *see* McLaren, P.G. 102261
Fernando, I. *see* Mclaren, P.G. 102274
Fernando, I.T., McLaren, P.G. Single ended protection scheme for three phase double circuit lines 81141
Fernando, J.L., Xiong, R., Nguyen, T., Anderson, J.A., Arbique, G., Challa, S., Constantinescu, A., Fenyves, E.J., Kulkarni, P.V., Raheja, A., Thambi, G., Antich, P.P. Small animal PET imager built with plastic scintillating fibers 80259
Fernando, M.A.R.M. *see* Wijayakulasooriya, J.V. 101749
Fernando Silva, J. *see* Fernao Pires, V. 121758
Fernando Silva, J. *see* Ferreira Pinto, S. 121720
Fernao Pires, V., Fernando Silva, J., Anunciada, A. Twelve pulse parallel rectifier with a new topology for the output low-pass filter 121758
Fernback, J. *see* Borawski, C. 94106
Fernelius, N. *see* Singh, N.B. 82580
Ferner, J.A. *see* Boenig, H.J. 112116
Ferng Yuh-Ming *see* Yuh-Ming Ferng
Fernholz, R.C., Ragan, K.J., Strahl, K. A fast RICH detector for the CDF run II upgrade 69747
Fernier, B. *see* Simes, R. 65223
Fernier, B. *see* Simes, R. 76018
Ferniot, J.-C. *see* Ferreira, A. 121527
Fernow, J.P., Loh, R. Integrity monitoring in a GPS wide-area augmentation system (WAAS) 79074
Fernow, R. *see* Palmer, R.B. 79798
Fernsler, R.F. *see* Mathew, J. 97343
Fernsler, R.F. *see* Mathew, J. 109777
Fernsler, R.F. *see* Murphy, D.P. 120044
Fernsler, R.F. *see* Myers, M.C. 69670
Fernyhough, J.H., Cohn, A.G., Hogg, D.C. Generation of semantic regions from image sequences 67305
Feroci, M., Costa, E., Dwyer, J., Ford, E., Kaaret, P., Rapisarda, M., Soffitta, P. Background in xenon filled X-ray detectors 69768

Ferracci, P., Meunier, M., Berthet, L. An equivalent circuit for earth-fault transient analysis in resonant-grounded distribution power networks 111588
Ferrah, A., Bradley, K.J., Woolfson, M.S., Asher, G.M. A new sensorless dynamic speed-estimator for induction motor drives using predictive adaptive filtering 112454
Ferrand, H.Le *see* Le Ferrand, H.
Ferrandi, F., Fummi, F., Macii, E., Poncino, M., Scinto, D. Symbolic optimization of FSM networks based on sequential ATPG techniques 83076
Ferrandi, F., Fummi, F., Macii, E., Poncino, M., Sciuto, D. Test generation for networks of interacting FSMs using symbolic techniques 93298
Ferrandi, F., Fummi, F., Macii, E., Poncino, M., Sciuto, D. BDD-based testability estimation of VHDL designs 113882
Ferrandiz, J.M. Joint time and frequency offset estimation for clock synchronization 69520
Ferrando, A. *see* Arefiev, A. 69787
Ferrando, A. *see* Arefiev, A. 100805
Ferrando, A.T., Roig, J.M. An introduction to the design of the PLD by OrCAD/PLD 61716
Ferrando, M. *see* Boria, V.E. 66053
Ferrara, G. *see* Corona, P. 97192
Ferrara, G. *see* Corona, P. 116876
Ferrara, K.W., Zagar, B., Sokil-Melgar, J., Algazi, V.R. High resolution 3D color flow mapping: applied to the assessment of breast vasculature 69980
Ferrara, M. *see* Corvasce, C. 107339
Ferrara, R. *see* Svanberg, S. 101579
Ferrara, V. *see* De Ley, E. 89351
Ferrara, V. *see* Maltese, P. 75614
Ferrara, V. *see* Maltese, P. 89334
Ferrara, V. *see* Maltese, P. 89379
Ferrara, V. *see* Maltese, P. 110299
Ferrari, A. *see* Berenguer, C. 68616
Ferrari, A. *see* Lazarouk, S. 94577
Ferrari, A. *see* Lazarouk, S. 94904
Ferrari, A. *see* Lazarouk, S. 96036
Ferrari, C., Franzosi, P. Dopant-induced lattice dilation in n-type InP homoepitaxial layers 61245
Ferrari, C. *see* Zeng, W. 92723
Ferrari, D., Gupta, A., Ventre, G. Distributed advance reservation of real-time connections 118590
Ferrari, D. *see* Bettati, R. 118531
Ferrari, E.L. *see* Jardini, J.A. 121129
Ferrari, J. *see* Nunez, I. 111370
Ferrari, J.A., Frins, E.M. Interferometric method for fiber diameter determination 75435
Ferrari, J.A., Garcia, P. Optical-fiber vibration sensor using step interferometry 119695
Ferrari, L. Sprague Italia: integrated circuits for multimedia applications 93205
Ferrari, L. XILINX programmable logic devices 93253
Ferrari, M. *see* Wen-Hwa Chu 84660
Ferrari, P. *see* Alvsvaag, S.J. 90124
Ferrari, R. *see* Autiero, D. 69815
Ferrari, R. *see* Autiero, D. 80006
Ferrari, R.J. *see* Marques, M.A. 101142
Ferrari, R.J. *see* Pereira, A.S. 101140
Ferrari, R.L. *see* Freni, A. 65782
Ferrari, S. *see* Fontana, M. 117869
Ferrari, V., Marioli, D., Taroni, A., Ranucci, E., Ferruti, P. Development and application of mass sensors based on flexural resonances in alumina beams 89005
Ferrari de Souza, A., Barbi, I. A new ZVS semiresonant high power factor rectifier with reduced conduction losses 121587
Ferrario, B. *see* Mraz, D.D. 82921
Ferrario, M., Mosnier, A., Serafini, L., Tazzioli, F., Tessier, J.-M. Field propagation effects and related multibunch instability in multicell capture cavities 89977
Ferraris, F. *see* Carullo, A. 69092
Ferraris, F. *see* Carullo, A. 90850
Ferraris, F. *see* Carullo, A. 110355
Ferraris, G. Optical network management issues 99521
Ferraris, J.P. *see* Joswick, M.D. 107004
Ferraris, P. *see* Bergamasco, G. 122055
Ferraris, P. *see* Boglietti, A. 111968
Ferraro, N. *see* Crisci, M.R. 72709
Ferraro, R. *see* Tang, L. 91153
Ferrarott, F. *see* Di Nezza, P. 90193
Ferrazza, F. *see* de Cesare, G. 100021
Ferrazzoli, P., Guerriero, L. Emissivity of vegetation: theory and computational aspects 85831
Ferrazzoli, P. *see* Amodeo, G. 111327
Ferre, A., Figueras, J. On estimating bounds of the quiescent current for I_{DDQ} testing 106200
Ferre, J. *see* Groot Koerkamp, M. 75172
Ferre, N., Combes, P.F., Dusseux, T. Procedure of optimisation of the transmission-reception diagram of an active antenna for space radar 68556
Ferreira, A. An automated test system for piezoelectric motors 71359
Ferreira, A., Karadi, G.M. System operating benefits of fast acting pumped-storage plant 81354
Ferreira, A., Minnoti, P., Le Moal, P., Ferniot, J.-C. An integrated five-degrees of freedom piezoelectric micromanipulator 121527
Ferreira, A., Minotti, P., Le Moal, P. New multidegree of freedom piezoelectric micromotors for micromanipulator applications 112020
Ferreira, A. *see* Le Moal, P. 121526
Ferreira, A. *see* Sicard, E. 84584
Ferreira, A.C., Buyanov, A.V., Holtz, P.O., Sernelius, B.E., Monemar, B., Mauritz, O., Ekenberg, U., Sundaram, M., Campman, K., Merz, J.L., Gossard, A.C. Optical and transport studies of highly acceptor doped GaAs/AlGaAs quantum wells 105400
Ferreira, A.C., Holtz, P.O., Sernelius, B.E., Buyanov, A., Monemar, B., Ekenberg, U., Mauritz, O., Sundaram, M., Campman, K., Merz, J.L., Gossard, A.C. Optical studies of acceptor centre doped GaAs/AlGaAs quantum wells 62963
Ferreira, A.C. *see* Holtz, P.O. 62743
Ferreira, C. *see* Mendlovic, D. 98013
Ferreira, C. *see* Mendlovic, D. 117537
Ferreira, C. *see* Moya, A. 98010
Ferreira, C. *see* Zalevsky, Z. 117539
Ferreira, H.C. *see* Clarke, W.A. 66324
Ferreira, H.C. *see* Menyennett, C. 66297
Ferreira, I. *see* Martins, R. 94379
Ferreira, I.M., Barbosa, F.P.M. An on-line decoupled algorithm for state estimation and bad data processing using hyphothesis tests [for power systems] 101669
Ferreira, I.M., Barbosa, F.P.M. A decoupled algorithm for dynamic state estimation and bad data identification [of power systems] 101707
Ferreira, J. *see* Celeiro, F. 115291
Ferreira, J.A. Supraconvergence of a class of moving grid methods for solving a nonlinear problem 72668
Ferreira, J.A. *see* Hofsajer, I.W. 93116
Ferreira, J.A. *see* Roos, S.D. 102875
Ferreira, J.A. *see* van der Berg, M. 121771
Ferreira, L. *see* Kawabe, Y. 105793
Ferreira, L. *see* Medina, A. 105795
Ferreira, L.A., Santos, J.L. Demodulation scheme for fibre Bragg sensors based on source spectral characteristics 69220
Ferreira, L.A.F.M. *see* Carvalho, P.M.S. 102023
Ferreira, L.A.F.M. *see* Mendes, V.M.F. 102020
Ferreira, M. Frequency noise and modulation of a four-section DBR laser 65283
Ferreira, M. *see* Fou, A.C. 75746
Ferreira, M. *see* Onitsuka, O. 116271
Ferreira, M.A.G.V. *see* Rui Chuo Huei Chiou 86884
Ferreira, M.F. *see* Sarmento, A.D. 107238
Ferreira, M.F.S. Stimulated Brillouin scattering in active fibers: implications for uni- and bi-directional transmission systems 88491
Ferreira, M.F.S. Design optimization of tunable multi-electrode DBR lasers 107333
Ferreira, M.Rui *see* Rui Ferreira, M.
Ferreira, M.S., D'Albuquerque e Castro, J., Edwards, D.M., Mathon, J. Non-RKKY oscillations of exchange coupling in magnetic multilayers 64385
Ferreira, P., Senez, F., Baccus, B. Mechanical stress analysis of a LDD-MOSFET structure 84411
Ferreira, P., Senez, V., Baccus, B. Mechanical stress analysis of an LDD MOSFET structure 105958
Ferreira, P., Senez, V., Collard, D., Baccus, B. Study of local silicon oxidation with calibrated nitride model 63295
Ferreira, P. *see* Senez, V. 63877
Ferreira, P.A.V., Machado, M.E.S. Solving multiple-objective problems in the objective space 72514
Ferreira, P.J.S.G. Interpolation in the time and frequency domains 76914
Ferreira, P.U.A. *see* Romariz, A.R.S. 104775
Ferreira, R. *see* Annis, P. 80121
Ferreira, S. *see* Wundke, K. 74242
Ferreira, S.O., Sitter, H., Krump, R., Faschinger, W., Brunthaler, G. Room temperature blue electroluminescence from the ZnMgCdSe quaternary system 75762
Ferreira de Jesus, J.M. *see* Estanqueiro, A.I. 102559
Ferreira de Jesus, J.M. *see* Reis, F.A.G.S. 111858
Ferreira Fernandes, C. *see* Torres Pereira, J. 116568
Ferreira Pinto, S., Fernando Silva, J. Sliding mode voltage control of twelve pulse parallel rectifiers with output double LC filters 121720
Ferrell, R.K., Jatko, W.B., Sitter, D.N., Jr. An asynchronous modulation/demodulation technique for robust identification of a target for 3-D pose determination 120614
Ferrell, W.R. *see* Bray, R. 90414
Ferrer, A., Garcia-Jareno, M.A., Horwitz, N., Sanchis, E. Study of a very long scintillating fiber TOF detector. Application to the Tau-Charm-Factory 69757
Ferrer, C. *see* Rullan, M. 73240
Ferrera, J. *see* Smith, H.I. 115095
Ferreres, A. *see* Dede, E.J. 119983
Ferreres, G., M'Saad, M. Parametric robustness evaluation of a H_∞ missile autopilot 80740
Ferreri, V. *see* Brescia, M. 120705
Ferreri, V. *see* D'Argenio, B. 120655
Ferrero, A., Ottoboni, R. An automatic method for aliasing detection in digital scopes 110028
Ferrero, A. *see* Cristaldi, L. 68978
Ferrero, A. *see* Dezza, F.C. 121985
Ferrero, A. *see* Pisani, U. 119851
Ferrero, C., Li Qing Zhong, Martino, E. Metrological characteristics of ball-bearing to be used in multicomponent force measurement 100339
Ferrero, F. *see* Barbero, E. 98965
Ferrero, F. *see* Cociglio, M. 98966
Ferrero, L. *see* Bussa, M.P. 69878
Ferrero, R. *see* Torres, F. 90756
Ferrero, R.W., Shahidehpour, S.M. Energy interchange in deregulated power systems 70683
Ferrero, U. The optical access network 99513
Ferrero, U., Ims, L.A., Myhre, D., Olsen, B.T., Lahteenoja, M., Mononen, J., Zaganiaris, A., Szomolanyi, K., Orfanos, I. Advanced multiservice scenarios for Europe 98911
Ferrero, U. *see* Olsen, B.T. 98910
Ferres, O. *see* Kemtchou, J. 65085
Ferretti, G.R., Vining, D.J., Knoplioch, J., Coulomb, M. Tracheobronchial tree: three-dimensional spiral CT with bronchoscopic perspective 120384
Ferretti, M. *see* Albanesi, M.G. 104607
Ferri, F., Formenti, P., Migliorati, P., Bellini, S. Performance analysis of OFDM systems for terrestrial HDTV broadcasting 68887
Ferri, G., Sansen, W. A 1.3 V op/amp in standard 0.7 μm CMOS with constant g_m and rail-to-rail input and output stages 73123
Ferri, G. *see* Alesii, F. 95173
Ferri, G. *see* Cocchini, F. 69223
Ferri, G. *see* di Natale, C. 100155
Ferri, M. *see* Galati, G. 68573
Ferri, M.A., Shajii, A., Freidberg, J.P. Three dimensional quench and stability in CICC 111641
Ferrie, F.P. *see* Arbel, T. 67257
Ferrie, F.P. *see* Ayoung-Chee, N. 117689
Ferrie, F.P. *see* Callari, F.G. 86442
Ferrie, F.P. *see* Lejeune, A. 117540
Ferrier, J.M., Carrara, B., Granger, P. Antenna subarray architectures and antijamming constraints 68596
Ferrier, R.P. *see* Petri, I. 115831
Ferrigno, G. *see* Carnevali, P. 90297
Ferrill, D.A. *see* Henderson, D.B. 80608
Ferrill, M.G. *see* Subbarayan, G. 92209
Ferriol, M. *see* Foulon, G. 116048
Ferris, C.D., Hamann, J.C. Simulating oscillators using SPICE 61681
Ferris, D. *see* Chun, C.S.L. 98214
Ferris, D.D., Jr. *see* Currie, N.C. 119722
Ferris, M.C., Lucidi, S., Roma, M. Nonmonotone curvilinear line search methods for unconstrained optimization 82507
Ferris, M.C. *see* Billups, S.C. 92591
Ferris, M.C. *see* Menglin Cao 72507
Ferro, E. *see* Celandroni, N. 68328
Ferro, E. *see* Celandroni, N. 68329
Ferro, F. An optimization result for set-valued mappings and a stability property in vector problems with constraints 82456
Ferro, G., Monteil, Y., Vincent, H., Cauwet, F., Bouix, J., Durupt, P., Olivier, J., Bisaro, R. Infrared kinetic study of ultrathin SiC buffer layers grown on Si(100) by reactive chemical vapour deposition 94441
Ferro, G., Monteil, Y., Vincent, H., Thevenot, V., Min Duc Tran, Cauwet, F., Bouix, J. Atomic force microscopy growth modeling of SiC buffer layers on Si(100) and quality optimization 113472
Ferro, G. *see* Somatri, R. 92722
Ferro-Luzzi, M. *see* Zhou, Z.-L. 110536
Ferron, J. *see* Passeggi, M.C.G., Jr. 74476
Ferroni, F. *see* Basti, G. 90164
Ferroni, M., Guidi, V., Martinelli, G., Faglia, G., Nelli, P., Sberveglieri, G. Characterization of a nanosized TiO_2 gas sensor 119757
Ferroni, M. *see* Di Capua, E. 110598
Ferroni, M. *see* Sberveglieri, G. 72886
Ferruti, P. *see* Ferrari, V. 89005
Ferry, D.K. *see* Allgair, J. 94865
Ferry, D.K. *see* Bird, J.P. 114782
Ferry, D.K. *see* Grann, E. 114623
Ferry, D.K. *see* Grann, E.D. 62830
Ferry, D.K. *see* Guncer, S.E. 62809
Ferry, D.K. *see* Ochiai, Y. 62840
Ferry, D.K. *see* Udipi, S. 105388
Ferry, J. Establishing an in-house repair department [PCB repair] 83599
Ferry, M.G. Making the most of the media [renewable energy public relations] 102357
Ferry, S.W. *see* Wong, E.P.K. 66892
Ferryanto, S. Detecting structural changes of textures using Walsh-Fourier spectral distribution functions 97984
Ferstl, M., Frisch, A.-M. Static and dynamic Fresnel zone lenses for optical interconnections 85234
Ferstl, M. *see* Galloway, P.C.M. 116777
Fertig, W. *see* Wahl, J. 110306
Fertner, R. *see* Pockl, M. 107076
Feru, P. *see* Le Neve, M. 76211
Ferzali, W., Gravante, B., Maravic, S., Zacharakis, V., Weed, D., Jones, R. Performance comparison of the future aeronautical telecommunications network and the interim AEEC ARINC specification 622/ACARS network 68320
Feschenko, A.V. *see* Esin, S.K. 100520
Feschotte, J. *see* Houriet, R. 72936
Fesenko, E.G., Dantsiger, A.Y., Razumovskaya, O.N., Reznichenko, L.A., Devlikanova, R.U., Panich, A.E., Grinyova, L.D., Dudkina, S.I., Gavrilyachenko, S.V., Dergunova, N.V. Highly

effective piezoelectric materials for various fields of application 106312
Feser, K., Feuchter, B., Lauersdorf, M., Leibfried, T. General trends in condition monitoring of electrical insulation [of power transformers] 91592
Feser, K. *see* Bertsch, J. 102926
Feser, K. *see* Dengler, K. 81167
Feser, K. *see* Koehler, R. 102807
Feshchenko, A. *see* Braunschweig, W. 120173
Feske, K. *see* Koegst, M. 113823
Fesquet, J. *see* Beteille, D. 110913
Fesquet, J. *see* Cai, G.G. 101453
Fesquet, J. *see* Cai, G.G. 101456
Fessant, F. *see* Bengio, S. 92439
Fessenden, R.W. *see* Whitham, K. 79804
Fessenden, T. *see* Karpenko, V. 89695
Fessenden, T.J., Grote, D.P., Sharp, W.M. Accelerator waveform synthesis and longitudinal beam dynamics in a small induction recirculator 89691
Fessenden, T.J. *see* Deadrick, F.J. 100567
Fessenden, T.J. *see* Friedman, A. 89692
Fessler, J.A., Ficaro, E.P., Clinthorne, N.H., Lange, K. Fast parallelizable algorithms for transmission image reconstruction 90424
Fessler, J.A., Rogers, W.L. Spatial resolution properties of penalized-likelihood image reconstruction: space-invariant tomographs 110733
Fessler, J.A. *see* Chiao, P. 101322
Fessler, J.A. *see* Hero, A.O., III 97784
Festa, M. *see* Cellario, L. 118697
Festag, J.G. *see* Burghardt, B. 110998
Fetcenko, M.A. *see* Gifford, P.R. 71668
Fetcenko, M.A. *see* Venkatesan, S. 112584
Feteha, M.Y. *see* Al-Bustani, A. 71697
Feth, J. *see* Blake, J. 100067
Fetherston, R.P. *see* Conrad, J.R. 63249
Fetisov, Y., Romanov, I., Studenov, V. Microwave signal transportation in a magnetostatic wave transmission line under pulsed laser irradiation 84843
Fetisov, Y.K., Kabos, P., Patton, C.E. Bistable microwave oscillator with magnetostatic wave signal-to-noise enhancer in the feedback loop 114259
Fetisov, Y.K., Makovkin, A.V. Modulation of magnetostatic surface wave in garnet film by optical pulses 75286
Fetisov, Y.K., Ostrovskaya, N.V., Popkov, A.F. Parametrical interaction of magnetostatic volume waves in a space-time periodic magnetic field 75150
Fetisov, Y.K. *see* Dunaev, S.N. 64485
Fetterman, H.R. *see* Chang, Y. 97381
Fetterman, H.S. *see* Nagaraj, K. 114030
Fettouhi, N.E., Macke, B., Segard, B., Zemmouri, J. Dynamic effects in optical bistability: scaling law 76208
Fettweis, G., Karabed, R., Siegel, P.H., Thapar, H.K. Reduced-complexity Viterbi detector architectures for partial response signalling 77556
Fettweis, G., Shihua Wang, Kobayashi, S., Kawasaki, T., Fujimaki, S., Muwafi, J., Gupta, K., Mitsutake, M., Kameshima, Y., Konoma, H., Zingman, J., Wu, E., Mizushima, Y., Nambu, Y., Yamozoe, K. Strategies in a cost-effective implementation of the PDC half-rate codec for wireless communications 109283
Fettweis, G.P. *see* Aue, V. 118867
Fetzer, J., Kurz, S., Lehner, G. Comparison between different formulations for the solution of 3D nonlinear magnetostatic problems using BEM-FEM coupling 65656
Fetzer, J., Kurz, S., Lehner, G. Comparison of analytical and numerical integration techniques for the boundary integrals in the BEM-FEM coupling considering TEAM Workshop problem no. 13 107750
Fetzer, J. *see* Kurz, S. 65746
Fetzer, J. *see* Kurz, S. 96936
Feuchter, B. *see* Feser, K. 91592
Feuchter, T. *see* Hubner, J. 95791
Feuchtwang, J.B., Infield, D.G. Aerofoil profile selection for passive pitch control using self-twisting blades 102568
Feudale, M. *see* Suriani, A. 119094
Feudel, T. *see* Von Arx, C. 63593
Feudel, T. *see* Westermann, M. 74819
Feuer, M.D., Feldman, R.D., Zyskind, J.L., Shunk, S.C., Sulhoff, J., Wood, T.H. Remotely-pumped self-amplified star network for local access 78792
Feuer, M.D., Wiesenfeld, J.M., Perino, J.S., Burrus, C.A., Raybon, G., Shunk, S.C., Dutta, N.K. Single-port laser-amplifier modulators for local access 95829
Feuerstein, E., Leonardi, S., Marchetti-Spaccamela, A., Santoro, N. Efficient token-based control in rings 98705
Feuerstein, M. *see* Yingjie Li 117069
Feuerstein, R.J., Wei Feng, Powelson, J.C., Sihan Lin, Bintz, L., Mickelson, A.R. Equivalence of voltage bias and geometric waveguide design in directional couplers 64783
Feuerstein, R.J. *see* Lin, S. 106829
Feuerstein, R.J. *see* Torvik, J.T. 116213
Feugnet, G., Bussac, C., Larat, C., Schwarz, M., Pocholle, J.P. High efficiency intracavity doubled diode-end-pumped Nd:YVO$_4$ laser 96194
Feuillade, C. *see* Chandler, H.A. 68722
Feuillade, M. *see* Dorgeuille, F. 99532
Feuillard, G., Janin, Y., Teston, F., Tessler, L., Lethiecq, M. Sensitivities of surface acoustic wave sensors based on fine grain ceramics 119602
Feuillard, G. *see* Janin, Y. 110463
Feuillard, G. *see* Levassort, F. 106366
Feuillet, G. *see* Alleysson, P. 75959
Feuillet, G. *see* Deleporte, E. 62802
Feuillet, G. *see* Hacke, P. 113369
Feuillet, G. *see* Ribayrol, A. 74142
Feuillet, G. *see* Ulmer-Tuffigo, H. 62818
Feuillet, G. *see* Ulmer-Tuffigo, H. 76079
Feuillet, R. *see* Besanger, Y. 70838
Feuillet, R. *see* Besanger, Y. 81067
Feuillet, R. *see* Leitloff, V. 102095
Feurer, T., Langhoff, H. A thermal model for the ablation of polymers by lasers and high intensity ion pulses 104182
Feuvrie, B., Diouris, J.F., Saillard, J. UHF propagation measurements in space diversity (five channels) of mobile radio channel and combining techniques: criteria MSE, CMA 78391
Fevrier, I. *see* Perrier, P.A. 78855
Fey, D., Degenkolb, M., Grimm, G., Herzog, D., Korbs, T. HADLOP–A design and simulator tool for digital optoelectronic systems 106899
Fey, D. *see* Kasche, B. 106898
Fey-den Boer, A.C., van Leeuwen, K.A.H., Beijerinck, H.C.W., Fort, C., Pavone, F.S. Grating feedback in a 810 nm broad-area diode laser 116487
Feyerabend, K., Schlor, R. Hardware synthesis from requirement specifications 113828
Feygenson, A. *see* Dromgooole, D. 61652
Feygenson, A. *see* Lotfi, A. 114353
Feynman, J., Gabriel, S.B. High-energy charged particles in space at one astronomical unit 70304
Feyten, C., Taylor, G., Nutta, J. Interfacing teacher preparation and cyberspace: an innovative approach 92052
Fezzaa, K. *see* Guillemoles, J.-F. 61316
Fffenberger, F.J., Joshi, A.M. Ultrafast, dual-depletion region, InGaAs/InP p-i-n detector 95992
Fhlathuin Brid ni *see* Brid ni Fhlathuin
Fiacco, A.V. Objective function and logarithmic barrier function properties in convex programming: level sets, solution attainment and strict convexity 72542
Fiala, J.C. *see* Wavering, A.J. 86686
Fialho, M.S. *see* Roehl, N.M. 111878
Fiaschi, A. *see* Tinazzi, M. 90520
Fiaschi, G., Gaimari, G., Brignone, A. Use of open system interconnection techniques for the management of access networks in a multivendor environment 108978
Fiat, A. *see* Awerbuch, B. 87365
Fiat, A. *see* Awerbuch, B. 92411
Fiat, A. *see* Bartal, Y. 93043
Fibush, D.K. Video testing in modern television systems 119412
Ficarella, G. *see* D'Orazio, A. 116123
Ficaro, E.P. *see* Fessler, J.A. 90424
Ficca, J.F., Jr. *see* Graham, A.H. 69563
Fice, M.J. *see* Greene, P.D. 96429
Fichou, D., Charra, F. Absorption and fluorescence electro-modulation in α-sexithiophene metal-insulator-semiconductor devices 75575
Fichou, D., Charra, F. Light modulation in α-sexithiophene metal-insulator-semiconductor structures 85088
Fichou, D. *see* Charra, F. 105495
Fichou, D. *see* Chollet, P.-A. 116104
Fichou, D. *see* Horowitz, G. 64893
Fichtel, C.E. *see* Cuddapah, R. 101028
Fichthorn, K.A. *see* Wang Ruoping 61238
Fichtl, G. *see* Conley, W. 105758
Fichtner, P.F.P. *see* Herberts, M.R. 84092
Fichtner, W. *see* Bauer, F. 105910
Fichtner, W. *see* Eicher, S. 105931
Fichtner, W. *see* Eicher, S. 113725
Fichtner, W. *see* Lilja, K. 105943
Fichtner, W. *see* Ryter, R. 84309
Fichtner, W. *see* Von Arx, C. 63593
Fichtner, W. *see* Westermann, M. 63529
Fichtner, W. *see* Westermann, M. 74819
Ficili, G., Panno, D. Performance analysis of a fuzzy system in the policing of packetized voice sources 108945
Ficili, G. *see* Catania, V. 77673
Ficili, G. *see* Catania, V. 77683
Fick, D. *see* Rathmann, F. 119987
Fick, D. *see* Zapfe, K. 120083
Fick, J., Vitrant, G., Martucci, A., Guglielmi, M., Pelli, S., Righini, G.C. Nonlinear properties of semiconductor-doped silica sol-gel films 76221
Fick, J. *see* Righini, G.C. 115980
Fick, S.E. *see* Hsu, N.N. 111372
Fick, W. *see* Wittenstein, W. 69296
Ficke, D.C., Hood, J.T., Ter-Pogossian, M.M. A spheroid positron emission tomograph for brain imaging: a feasibility study 120370
Ficner, S., Alile, O., Lu, P.-H., Kokinda, E., Dammel, R. Lithographic characterization of AZ(R) 7800 high-resolution photoresist 105800
Ficner, S., Hermanowski, J., Lu, P.-H., Kokinda, E., Perez, Y., Dammel, R. The development of two new thick film photoresists 105814
Ficner, S. *see* Sounik, J. 105773
Fidan, I., Ruff, L., Derby, S. An object-oriented visual inspection tool for ultra-fine pitch SMD components 73886
Fiddes, A.J.C., Durose, K., Brinkman, A.W., Woods, J., Coates, P.D., Banister, A.J. Preparation of ZnO films by spray pyrolysis 74280
Fiddy, M.A. *see* Drake, M.D. 117752
Fiddy, M.A. *see* Morris, J.B. 98023
Fiddy, M.A. *see* Pi-Tung Chen 98025
Fiddyment, P.J. *see* Collins, J.V. 112941
Fidecaro, F. *see* Avanzini, C. 90225
Fidecaro, F. *see* Avanzini, C. 100959
Fidecaro, G. *see* Dehning, B. 79949
Fidler, J., Schrefl, T. Overview of Nd-Fe-B magnets and coercivity 64262
Fidler, J. *see* Schrefl, T. 84775
Fidler, J. *see* Schrefl, T. 106575
Fidler, J. *see* Schrefl, T. 106592
Fidler, J.K. *see* Sun, Y. 73541
Fidler, J.K. *see* Sun, Y. 93550
Fidler, J.K. *see* Yichuang Sun 61578
Fidler, J.K. *see* Yichuang Sun 83204
Fidler, J.K. *see* Yichuang Sun 83265
Fidler, J.K. *see* Yichuang Sun 114061
Fidler, J.L. *see* Summers, R.M. 69984
Fidorra, F. *see* Kaiser, R. 68384
Fiebig, M. *see* Zhao, B. 94839
Fiederer, W. *see* Dermler, G. 98450
Fiederle, M. *see* Eiche, C. 80143
Fiederle, M. *see* Rogalla, M. 120146
Fiedler, F. *see* Daleiden, J. 65232
Fiedler, H.L. *see* Verbeck, M. 73544
Fiedler, K.E. *see* Gauger, J. 120284
Fiedler, O., Kumpart, J., Labahn, N. Usage of the spatial filter method for measurements of local particle velocities in multiphase flows 69506
Fiedler, R., Gluch, M., Kirchner, J., Kasties, G. SeaNav: a real time navigation system for the identification of the dynamic parameters of ships using DGPS, GLONASS and inertial systems 79065
Fiedler, S., Preiss, B. Geosynchronous space based radar concept development for theater surveillance 90890
Fiedler, U., Reiner, G., Schnitzer, P., Ebeling, K.J. Top surface-emitting vertical-cavity laser diodes for 10-Gb/s data transmission 65302
Fiedler, U., Reiner, G., Schnitzer, P., Ebeling, K.J. Polarization dependent emission behavior of VCSELs at 3 Gbit/s data rate transmission 65324
Fiedorowicz, H. *see* Celliers, P. 76312
Fiedziuszko, S.J., Curtis, J.A., Holme, S.C., Kwok, R.S. Low loss multiplexers with planar dual mode HTS resonators 93776
Fieg, D. *see* Billhartz, T. 87435
Fiegna, C. *see* Abramo, A. 94227
Fieguth, P.W., Willsky, A.S. Fractal estimation using models on multiscale trees 66831
Fieguth, T., Bloom, E., Bulos, F., Donaldson, T., Feerick, B., Godfrey, G., Leyh, G., Nelson, D., Ross, M., Schultz, D., Sheppard, J., Smith, P., Spencer, C., Weinberg, J., Ronan, M. PEP-II injection transport construction status and commissioning plans 100708
Fiekert, W. *see* Gerke, M. 110764
Fiekowsky, P. *see* George, S. 115061
Field, B., Mosse, D., Znati, T. Simulation of v-NET, a versatile network architecture for real-time and non-real-time traffic 67756
Field, B.F. *see* Herman, S. 88818
Field, B.F. *see* Herman, S. 88830
Field, B.F. *see* Kelley, E.F. 89441
Field, C. Internet: future communication within the industry [cement] 78018
Field, C. *see* Sienski, K. 62063
Field, C.J. London Underground Ltd's materials fire performance requirements 81963
Field, D.J. *see* Olshausen, B.A. 108526
Field, D.P., Dingley, D.J., Nowell, M.M., Adams, B.L. Analysis of grain boundary structure in aluminum thin films by orientation imaging microscopy 94849
Field, J.J. Spent fuel storage: experience at Rancho Seco 81245
Field, L.A., Burriesci, D.L., Robrish, P.R., Ruby, R.C. Micromachined 1×2 optical-fiber switch 88469
Field, M., Smith, C.G., Pepper, M., Brown, K.M., Linfield, E.H., Grimshaw, M.P., Ritchie, D.A., Jones, G.A.C. Coulomb blockade as a noninvasive probe of local density of states 83946
Field, M., Smith, C.G., Pepper, M., Brown, K.M., Linfield, E.H., Grimshaw, M.P., Ritchie, D.A., Jones, G.A.C. Coulomb blockade as a non-invasive probe in double layer 2DEG systems 105362
Field, R. *see* Alexandrof, V.A. 100628
Field, R.C. *see* Shintake, T. 100531
Field, R.L. *see* Broadhead, M.K. 119331
Field, T. *see* Bennett, A.J. 118080
Fielden, J.S. Metering and tariffs for harmonics 102060
Fielden, T. *see* Ross, B. 73011
Fielder, D.C., Alford, C.O. Counting broadcast conversations on a completely utilized crossbar system 78091
Fielder, J.H. Publication, ethics, and scientific integrity 82106
Fieldhouse, J.D., Newcomb, T.P. Double pulsed holography used to investigate noisy brakes 85727
Fielding, J. Getting out front with EDI 118478
Fielding, J.T., Jr. *see* Tressler, J.F. 111375
Fielding, K.H. *see* Stright, J.R. 67047
Fields, D.J. *see* Bennett, C.L. 69270
Fields, D.J. *see* Winter, E.M. 108555
Fierke, C.A. *see* Thompson, R.B. 79568
Fiermans, L. *see* Van Driessche, I. 113535

Fierro, F., Goglione, R., Paolini, M. Finite element minimization of curvature functionals with anisotropy 72713
Fierro, R.D. Perturbation analysis for two-sided (or complete) orthogonal decompositions 61018
Fiers, T. *see* De Moor, G. 108130
Fiesel, H. *see* Klett, M. 109883
Fieselman, C.D. *see* Elkins, M.A. 94063
Fiesler, E. *see* Moerland, P.D. 116152
Fietier, N. *see* Mandrillon, P. 79906
Fievet, C., Petit, P., Chevrier, P. Experimental study of back commutation in low voltage circuit breaker 112143
Fievet, J.P. The use of programmable logic controllers in paper mill load shed systems 92006
Fiez, T. *see* Eshraghi, A. 114021
Fiez, T. *see* Sculley, S. 114135
Fiez, T.S. *see* Baird, R.T. 61986
Fife, L.D. Feature interaction—how it works in telecommunication software 118209
Fife, L.D., Canning, J., Lakshmanan, V. Parameter optimization in the detection of bounded weak echo regions in meteorological radar images 80652
Fifield, J. *see* Giacalone, G. 73368
Fiford, C.E. *see* Bushnell, M.J. 91022
Figel, M. *see* Bulur, E. 110963
Figge, M. *see* Kleinefeld, T. 64353
Figgemeier, H. *see* Bruder, M. 79419
Figielski, T., Wosinski, T., Makosa, A., Kaniewska, M., Reginski, K. Different channels of resonant tunneling in double-barrier heterostructures 115148
Figielski, T. *see* Belyaev, A.E. 105366
Figlia, G. *see* Cazzatello, G. 66178
Figueiras-Vidal, A.R. *see* Artes-Rodriguez, A. 108290
Figueiras-Vidal, A.R. *see* Pantaleon-Prieto, C.J. 76996
Figueiredo, L. *see* Sousa Pereira, A. 110821
Figueiredo, R.J.P.de *see* de Figueiredo, R.J.P.
Figuera, J.M. *see* Costela, A. 96123
Figuera, J.M. *see* Costela, A. 107136
Figuera, J.M. *see* Costela, A. 116388
Figuera, P. *see* Cardella, G. 110599
Figueras, J. *see* Caufape, S. 73225
Figueras, J. *see* Champac, V.H. 95126
Figueras, J. *see* Ferre, A. 106200
Figueras, J. *see* Manich, S. 104471
Figueras, J. *see* Rodriguez-Montanes, R. 63941
Figueroa, M., Hansen, S. Technology interworking for SMDS: from the DXI/SNI to the ATM UNI 77592
Figueroa, M.A. *see* Willoughby, C.T. 79255
Figueroa, R.E. *see* Phillips, W.E., II 69987
Figurnov, E. Design procedure of the short circuit parameters in traction systems 112538
Fijalkow, I. Multichannel equalization lower bound: a function of channel noise and disparity 117928
Fijalkow, I. *see* Touzni, A. 117921
Fijalkow, I. *see* Treichler, J.R. 67644
Fijol, J.F., Holloway, P.H. Ohmic contacts to ZnSe-based materials 94596
Fijol, J.J. *see* Trexler, J.T. 74463
Fike, S.M. *see* Jokerst, N.M. 75770
Fikes, M.P. Relative targeting with differential GPS and associated error mechanisms 119337
Fikes, R., Farquhar, A., Pratt, W. Information brokers: gathering information from heterogeneous information source 118400
Fikioris, G. Field patterns of resonant noncircular closed-loop arrays 76662
Fikri, M. *see* Khairy, M. 88096
Fikri, M. *see* Khairy, M. 99084
Fikry, W., Haddara, H., Ragaie, H.F., Omar, O.A. Extraction of the series resistance and the effective mobility in enhancement MOSFETs from weak to strong inversion using a single transistor 63754
Fiksel, J., Cook, K., Roberts, S., Tsuda, D. Design for environment at Apple Computer: a case study of the new PowerMacintosh 7200 72379
Fil, V.A. Signal-to-noise ratio in laser Doppler velocimeters 79410
Filanovsky, I.M. Linear switching of the differential pair tail current 104369
Filanovsky, I.M., Cai, S.S. Temperature stable BiCMOS voltage-to-frequency converter 114159
Filaretov, V.V. Topological synthesis of optimum formulae for transformation complete electrical polygon 61516
Filatov, B.A. *see* Kovalev, V.P. 83567
Filatov, D.O. *see* Zvonkov, B.N. 61277
Filatov, N. *see* Mukhamedyarov, R.D. 70444
Filatov, V.V., Korsunsky, V.E. The 900 kN electromagnetic press with superconducting coils 65735
Filbert, D., Guhmann, C. Fault diagnosis on bearings of electric motors by estimating the current spectrum 112017
Filbert, D., Schneider, C. New methods for the testing of electric low power motors 91925
Filbert, D. *see* Burth, M. 91563
Filbert, D. *see* Ropke, K. 111879
Filbert, D. *see* Schneider, C. 111990
Filbrandt, P.W.M. *see* Wright, C.D. 85148
Fil'chenkov, S.E., Yunakovskii, A.D. Application of harmonic perturbations to the calculation of periodically corrugated waveguides 83298
Filchenkov, V.V. *see* Baranov, V.A. 90169
Fil'chikov, V.A., Isakov, S.A., Pashchenko, V.V., Melanin, V.P. Normalizing transducers of strain-gauge sensors with correction of temperature errors 79391
Fildes, J.M., Chen, P., Xuedong Zhan Application of electrochemical impedance spectroscopy, color visible imaging, and infrared imaging for non-destructive evaluation of anti-corrosion coatings 82807
Fildhuth, R. *see* Wissbrock, H. 113544
Filges, D. *see* Albers, D. 69756
Filho, A.D.Macedo *see* Macedo Filho, A.D.
Filho, A.F.F., Basak, A., Nakata, T., Takahashi, N. Three dimensional computation of force in a novel brushless DC linear motor 102757
Filho, A.V. Utilities for sale [Brazil] 80809
Filho, C.A.dos Reis *see* dos Reis Filho, C.A.
Filho, E.Abud *see* Abud Filho, E.
Filho, E.B.de Souza *see* de Souza Filho, E.B.
Filho, E.Ruppert *see* Ruppert Filho, E.
Filho, F.De Lima *see* De Lima Filho, F.
Filho, F.J.Lopes *see* Lopes Filho, F.J.
Filho, H.S.R. *see* Naidu, S.R. 113748
Filho, J.L.L., Pandey, P.C., Weetall, H.H. An amperometric flow injection analysis enzyme sensor for sucrose using a tetracyanoquinodimethane modified graphite paste electrode 79577
Filho, J.R., Farias, G.A., Freire, V.N. The influence of growth patterns on the transmission properties of nonabrupt GaAs/$Al_xGa_{1-x}As$ heterojunctions 114701
Filho, J.R.F., Tavares, H.M.F., Ribeiro, R.V. A software planning tool for a business oriented optical access network–PREST 87977
Filho, N.C.Lima *see* Lima Filho, N.C.
Filho, R.N.Fontoura *see* Fontoura Filho, R.N.
Filho, S.A.Augisto *see* Augisto Filho, S.A.
Filho, S.N. *see* Goncalves, R.T. 93557
Filho, S.N. *see* Mayer, J. 93630
Filho, S.Noceti *see* Noceti Filho, S.
Filho, S.P.P. *see* Padua, M. 101913
Filho, W.P.Paula *see* Paula Filho, W.P.
Filho, X.V. *see* Shirmohammadi, D. 70832
Filicori, F., Vannini, G., Santarelli, A., Torcolacci, D., Monaco, V.A. Accurate prediction of intermodulation distortion in GaAs MESFETs 114263
Filicori, F. *see* Mirri, D. 110055
Filin, A.I. *see* Timofeev, V.B. 62798
Filindras, A., Larson, U.O., Ling, H. Scattering from the EMCC dielectric slabs: Simulation and phenomenology interpretation 85840
Filinov, V.N. *see* Kapranov, B.I. 82797
Filios, A. *see* Tsu, R. 61235
Filip, V. *see* Nicolaescu, D. 73963
Filip, V. *see* Nicolaescu, D. 79351
Filipczynski, L., Kujawska, T., Tymkiewicz, R., Wojcik, J. Amplitude, isobar and grey-scale imaging of ultrasonic shadows behind rigid, elastic and gaseous spheres 69977
Filipczynski, S.M. TransXpress—SDH transmission platform from Siemens 98568
Filipkowski, M.E. *see* Krebs, J.J. 64351
Filipov, Yu.F. *see* Eremenko, Z.E. 73644
Filipov, Yu.F. *see* Eremenko, Z.E. 76375
Filipovic, D.F., Eleftheriades, G.V., Rebeiz, G.M. Off-axis imaging properties of substrate lens antennas 68792
Filipovic, S., Petrovic, R. Comparison between permutation FSK and 4×4-FSK modulations in NPCS system 99389
Filippakou, M.P., Karagiannopoulos, C.G., Bourkas, P.D. Electronic phenomena on switch contacts 71564
Filippakou, M.P., Karagiannopoulos, C.G., Bourkas, P.D. Thermal fatigue of the contact/conductors system in emergency load panels 104912
Filippas, A., Fokitis, E., Maltezos, S., Patrinos, K. A system for monitoring the refractivities of fluids in the DELPHI RICH detectors in the VUV region 69738
Filippas, T.A. *see* Adam, W. 69709
Filippelli, A.R. Influence of envelope geometry on the sensitivity of "nude" ionization gauges 119943
Filippenko, L. *see* Tarasov, M. 73702
Filippenko, L. *see* Tarasov, M. 113765
Filippenko, L. *see* Vystavkin, A. 75349
Filippenko, L.V. *see* Koshelets, V.P. 93854
Filippetti, F., Franceschini, G., Tassoni, C., Meo, S., Ometto, A. Neural network aided on-line diagnostics of induction machine stator faults 91516
Filippetti, F., Franceschini, G., Tassoni, C., Vas, P. A fuzzy logic approach to on-line induction motor diagnostics based on stator current monitoring 91530
Filippetti, F., Pirani, S., Franceschini, G. About different approaches for diagnostics of electric systems 102710
Filippetti, F., Pirani, S., Tommasini, L., Franceschini, G. A LabVIEW based virtual instrument for on-line induction motor parameters identification 71305
Filippetti, F. *see* Collamati, L. 121495
Filippetti, F. *see* Franceschini, G. 91529
Filippi, A. *see* Agnello, M. 110583
Filippi, A.R.G. *see* Domenicucci, A.G. 114994
Filippi, R.G., Biery, G.A., Wachnik, R.A. Line length effects on lifetime measurements and resistance saturation during electromigration testing 115008
Filippi, R.G., Wachnik, R.A., Aochi, H., Lloyd, J.R., Korhonen, M.A. The effect of current density and stripe length on resistance saturation during electromigration testing 115018
Filippini, D., Fraigi, L., Gwirc, S. Thick film microchannels: Design and fabrication 62496
Filippini, N. *see* Bindra, R. 90209
Filippini, N. *see* Bindra, R. 100949
Filippini, V. *see* Agnello, M. 110583
Filippov, A.A., Tikhodeev, N.N., Vishnevsky, Yu.I. Dielectric strength and conductance of SF_6 in gas-insulated switchgear under a continuous DC voltage stress 81613
Filippov, E.I. *see* Rakitin, V.V. 63955
Filippov, N.V., Filippova, T.I., Karakin, M.A., Krauz, V.I., Tykshaev, V.P., Vinogradov, V.P., Bakulin, Y.P., Timofeev, V.V., Zinchenko, V.F., Brzosko, J.R., Brzosko, J.S. Filippov type plasma focus as intense source of hard X-rays ($E_x \simeq 50$ keV) 110637
Filippov, T.V. *see* Oelze, B. 61989
Filippova, N.G. *see* Gerikh, V.P. 101688
Filippova, T.I. *see* Filippov, N.V. 110637
Filjar, D., Filjar, R. The improvement of the GPS ionospheric time delay corrections for differential GPS 79038
Filjar, R., Perisa, T. The influences of weather conditions on GPS signal tropospheric delay 79039
Filjar, R. *see* Filjar, D. 79038
Filkin, V.Y. *see* Salunin, N.I. 95424
Fil'kin, V.Ya. *see* Vedernikov, G.P. 95421
Fill, E. *see* Baumhacker, H. 116308
Fill, E. *see* Zeitoun, Ph. 75781
Fill, E.E. *see* Li, Y.L. 116306
Fill, E.E. *see* Moreno, J.C. 75818
Fill, E.E. *see* Praeg, A.R. 116305
Fill, E.E. *see* Prag, A.R. 65020
Fill, E.E. *see* Yuelin Li 65016
Fill, E.E. *see* Zhang, J. 96102
Fill, U., Regulla, D., Sprunck, M. PC-assisted dose assessment in clinical TL dosimetry and QA programmes 120563
Fill, U. *see* Sprunck, M. 120567
Fillebock, M., Russer, P. Efficient stability analysis of free running microwave oscillators in the frequency domain 73743
Fillebock, M., Russer, P. Robust continuation method for tuning characteristics computation and global stability analysis of microwave oscillators 114279
Fillebock, M. *see* Anzill, W. 114294
Filler, R.L. *see* Kosinski, J.A. 106416
Filler, R.L. *see* Vig, J.R. 79300
Filler, R.L. *see* Vig, J.R. 79405
Filler, R.L. *see* Vig, J.R. 95312
Filling, G., Cobden, D.H., McEuen, P.L., Duruoz, C.I., Harris, J.S., Jr. Intrinsic bistability in nonlinear transport through a submicron lateral barrier 105291
Fillion, R., Wojnarowski, R., Gorowitz, B., Daum, W., Cole, H. Conformal multichip-on-flex (MCM-F) technology 94140
Fillion, R. *see* Kuk, D. 92217
Fillion, T. *see* Plais, A. 107318
Fillipow, S. How to develop a successful project with used equipment [power plant retrofits] 111715
Filliter, K.B. Comparison of system test alternatives using industry boundary scan standards 68985
Filliter, K.B. Comparison of system test alternatives using industry boundary scan standards 72249
Fillon, H. *see* Leconte, J. 69315
Filman, R., Linden, T. Communicating security agents 118498
Filozof, R. *see* Wagner, W.E., III 113482
Filser, M. *see* Berroth, M. 80846
Filsfils, C. The evolution of the Internet layer 67770
Filtranti, G. Layout and routing techniques for dense surface-mount PCBs 94002
Filtvedt, J. *see* Reinertsen, T. 102512
Filtz, M. Coupling impedances of muffin-tin structures with closed and open sides 100514
Filuk, A.B. *see* Bailey, J.E. 69615
Filuk, A.B. *see* Cuneo, M.E. 69683
Filuk, A.B. *see* Mehlhorn, T.A. 69637
Filuk, A.B. *see* Menge, P.R. 120122
Filus, L. A combinatorial description of some methods of computation of fixed points 113121
Filz, K. *see* Gander, H. 93431
Filz, T., Hamann, J., Mueller, R., Ostheimer, V., Wolf, H., Wichert, T. MOCVD grown CdTe investigated by photoluminescence and PAC 74163
Fimia, A., Belendez, A., Carretero, L. Noise gratings recorded with single-beam exposures in liquid holographic photopolymers 96823
Fimia, A., Fuentes, R., Pascual, I., Belendez, A. Polarization influence on the efficiency, the signal and the noise of bleached silver halide diffuse-object holograms 96779
Fimia, A., Mateos, F., Belendez, A., Mallavia, R., Amat-Guerri, F., Sastre, R. New photopolymer with trifunctional monomer for holographic applications 116753
Fimia, A. *see* Belendez, A. 85769
Fimia, A. *see* Belendez, A. 115991
Fimia, A. *see* Feely, C.A. 96813
Fimia, A. *see* Fuentes, R. 95646
Fimia, A. *see* Fuentes, R. 96792
Fimushkin, V.V. *see* Balandikov, N.I. 120111
Fimushkin, V.V. *see* Ershov, V.P. 120113
Fimushkin, V.V. *see* Ershov, V.P. 120114

Fimushkin, V.V. *see* Ershov, V.P. 120115
Finan, D.S., Barlow, S.M. The actifier: a device for neurophysiological studies of orofacial control in human infants 120279
Finan, R.A., Sapeluk, A.T., Damper, R.I. Comparison of multilayer and radial basis function neural networks for text-dependent speaker recognition 108212
Finardi, C.A., Neto, V.P., Fischer, R.A., Flacker, A., Barnett, M., de Almeida, A.M., Gozzi, A.C., Pagotto, A.C. A low cost MCM-D technology applied to microwave integrated circuits 93925
Finardi, C.A. *see* Balashov, S.M. 93548
Finardi, C.A. *see* Cabreira, C.M. 93549
Finardi, C.A. *see* Neto, V.P. 93927
Finch, J.W., Zachariah, K.J., Farsi, M. Self-tuning control applied to turbogenerator AVRs 121436
Fincham, B. Watching how you drive 71868
Findeis, N. *see* Brauninger, H. 90702
Findeis, N. *see* Cesura, G. 110581
Findikoglu, A.T., Foltyn, S.R., Arendt, P.N., Groves, J.R., Jia, Q.X., Peterson, E.J., Wu, X.D., Reagor, D.W. Microwave surface resistance of $YBa_2Cu_3Cu_3O_{7-x}$ films on polycrystalline ceramic substrates with textured buffer layers 106644
Findikoglu, A.T., Jia, Q.X., Reagor, D.W., Wu, X.D. Nonlinear dielectric thin films for active and electrically tunable microwave devices 93835
Findlay, A. The multi-media telephone: directory service and session control for multi-media communications 118570
Findlay, A. *see* Clark, M. 68902
Findlay, D.J.S. *see* Johnson, P.C. 84284
Findley, W. *see* Yuen, C. 93879
Fine, C.H. *see* Suarez, F.F. 60556
Fine, E.M. *see* Peli, E. 90620
Fine, S.M., Stets, J.R. The effect of moisture on the reliability and microcontamination of HBr delivery systems 63327
Fine, T.L. *see* Chiu Fai Wong 108103
Finean, R.J. Mobile satellite communications proposals 109374
Finean, R.J., El-Hoiydi, A. Satellite UMTS network architecture 88186
Finelli, C.J. The time-sequenced adaptive filter for analysis of cardiac arrhythmias in intraventricular electrograms 101346
Fines, R.G. *see* Micklethawaite, W.F. 74268
Fines, R.G. *see* Micklethwaite, W.F. 92760
Finesso, L., Chuang-Chun Liu, Narayan, P. The optimal error exponent for Markov order estimation 97411
Finetti, N. *see* Barbiellini, G. 69722
Finger, F. *see* Hapke, P. 92878
Finger, F. *see* Stiebig, H. 100020
Finger, N. *see* Gmachl, C. 65325
Finger, N. *see* Kock, A. 96255
Fingxuan Li, Du Wan Realization of storage elements in gate arrays 83051
Fini, M. *see* Cane, V. 90630
Fink, A. *see* Krebs, J.J. 75186
Fink, B.K., McCullough, R.L., Gillespie, J.W., Jr. Experimental verification of models for induction heating of continuous-carbon-fiber composites 112604
Fink, C.L., Humm, P.G., Martin, M.M., Micklich, B.J. Evaluation of few-view reconstruction parameters for illicit substance detection using fast-neutron transmission spectroscopy 80136
Fink, C.L., Humm, P.G., Martin, M.M., Micklich, B.J. Evaluation of few-view reconstruction parameters for illicit substance detection using fast-neutron transmission spectroscopy 100995
Fink, C.L. *see* Micklich, B.J. 80138
Fink, D. *see* Klose, H.A. 106815
Fink, D. *see* Muller, M. 84079
Fink, H., Reininghaus, U. New switchgear technology 71584
Fink, H., Sonnenschein, E., Zahn, B. A new series of ABB gas-insulated switchgear designed for higher ratings 91686
Fink, H. *see* Aufermann, A. 121786
Fink, J. *see* Jordan, J. 103451
Fink, J.W. Reliability of ceramic vs. plastic ICs based on field data in commercial avionics 101481
Fink, M. *see* Chenu, C. 104222
Fink, M. *see* Ing, R.K. 104212
Fink, M. *see* Thomas, J.-L. 110736
Fink, R.L., Xie, C., Potter, C.N., Lin, B., Kumar, N., Schmidt, H.K., Fredin, L., Brookover, W., Miller, R. Optimization of Amorphic Diamond for diode field emission displays 89322
Fink, R.L. *see* Kumar, N. 89367
Fink, S. *see* Shi, J. 105647
Fink, T. *see* Bangert, A. 83495
Fink, T. *see* Bronner, N. 64991
Fink, T. *see* Hurm, V. 109629
Fink, Y., Chen, C., Marable, W.P. Halo formation and chaos in space-charge-dominated beams 110512
Finkbeiner, S. *see* Strauss, U. 83929
Finke, B.H. Changes in factory and field high voltage DC testing of shielded medium voltage cable insulation 91171
Finke, J. *see* Eichhorn, K.F. 70927
Finkelshtein, A.F. *see* Hernandez, M.B. 72596
Finkelstein, L. Design orientated teaching of instrumentation 72126
Finkelstein, L. *see* Khan, S.H. 99972
Finkle, T. *see* Selvamanickam, V. 75330
Finkman, E. *see* Boucaud, P. 94442
Finkman, E. *see* Fenigstein, A. 105383
Finkman, E. *see* Maimon, S. 114750
Finkman, E. *see* Mamor, M. 115137
Finlan, J.M., Flood, K.M., Bojko, R.J. Efficient f/1 binary-optics microlenses in fused silica designed using vector diffraction theory 85231
Finlay, P.A. Robotic controlled endoscopic manipulator 90555
Finlayson, G. *see* Barnard, K. 67275
Finlayson, G.D. Color in perspective 117829
Finlayson, G.D., Chatterjee, S.S., Funt, B.V. Color angular indexing 67276
Finlayson, P.T. Output filter considerations for PWM drives with induction motors 91785
Finley, D. *see* Sidhu, T.S. 102229
Finley, D.W., Ray, U., Artaki, I., Vianco, P., Shah, S., Reyes, A., Haq, M. Assessment of nickel-palladium finished components for surface mount assembly applications 92249
Finley, D.W. *see* Artaki, I. 94062
Finley, D.W. *see* McCormack, M. 104944
Finley, J.J. Development of a multilayer thin-film solar control windshield 85236
Finley, J.J., Teissier, R.J., Skolnick, M.S., Cockburn, J.W., Grey, R., Hill, G., Pate, M.A. An optical and electrical study of tunnelling mechanisms through indirect gap single barrier GaAs/AlAs/GaAs heterostructures 105254
Finley, J.J., Teissier, R.J., Skolnick, M.S., Cockburn, J.W., Grey, R., Hill, G., Pate, M.A. Resonant Γ-X-Γ magnetotunneling in GaAs-AlAs-GaAs heterostructures 105281
Finley, J.J. *see* Teissier, R.J. 62854
Finley, W.R., Burke, R.R. Trouble shooting bearing currents 91443
Finn, J.P. *see* Simonetti, O.P. 80362
Finn, N., Mason, T. ATM LAN emulation 77955
Finn, S.G. *see* Barry, R.A. 77948
Finn, S.G. *see* Kaminow, I.P. 77942
Finn, S.G. *see* Marquis, D. 98638
Finn, T.A. *see* Lievrouw, L.A. 72169
Finner, H., Giani, G. Duality between multiple testing and selecting 92414
Finney, J. *see* Othman, H. 101963
Finney, J. *see* Willis, L. 121089
Finney, J.S. *see* Shirtcliffe, I. 122044
Finney, M.S. *see* Harry, M.A. 94686
Finney, P. Newest infrared technology is ideally suited for search and rescue operations 100150
Finney, S.J. *see* He, X. 71423
Finney, S.J. *see* He, X. 113758
Finney, S.J. *see* He, X. 121558
Finney, S.J. *see* He, X. 121561
Finney, S.J. *see* McNeill, N. 115187
Finney, S.J. *see* Mohd Siam, M.F.M. 121730
Finney, S.J. *see* Tooth, D.J. 121584
Finney, S.J. *see* Xiangning He 73086
Finnie, M. Optimized DSP solutions for brushless motor control 102611
Finnie, P., Buchanan, M., Lacelle, C., Roth, A.P. Growth of quantum wire structures by selective area chemical beam epitaxy 61229
Finnila, C.A. Data compression in brain-like multimedia data bases 67213
Fino, G. *see* Lovering, D.J. 106910
Finocchiaro, P. *see* Bellia, G. 90238
Finocchiaro, P. *see* Bellia, G. 100996
Finol, J.P., Rodrigues, S.G. A dual-tone multifrequency generator based on switched-capacitor filtering 93166
Finotto, D. *see* Ansbro, A.P. 99334
Finvers, I. *see* Haslett, J. 73574
Finzi, D., Tessler, N., Michaelashvili, V., Eisenstein, G., Dentai, A.G., Chandraskhar, S., Joyner, C.H. Dynamics of barrier state electron self-localization in InGaAs/InGaAsP multiple quantum well lasers 65177
Fiocchi, C. *see* Caiulo, G. 104743
Fiodorova, I.G., Rudakov, M.L. Distribution of electrical field strength of workplaces for operators of HF welder 103188
Fiol, M.A. *see* Balbuena, C. 103649
Fiol, M.A. *see* Padro, C. 82427
Fionda, E., Martellucci, A., Westwater, E.R. Variability and dynamic characteristics of attenuation derived by ground-based microwave radiometer 65838
Fionda, E. *see* Barbaliscia, F. 99453
Fionova, L.K. *see* Lisovskii, Yu.A. 95372
Fioravanti, S. *see* De Natale, F.G.B. 77221
Fiordalice, R.W., Hegde, R.I., Kawasaki, H. Orientation control of chemical vapor deposition TiN film for barrier applications 74629
Fiordelisi, M. *see* Scarinci, F. 113321
Fiore, A., Rosencher, E., Berger, V., Laurent, N., Vodjdani, N., Nagle, J. Huge birefringence in oxidized GaAs/AlAs optical waveguides for phase-matched nonlinear frequency conversion 107557
Fiore, E.M. *see* Agnello, M. 110583
Fiore, L. *see* Agnello, M. 110583
Fiorentini, G., Pagani, C., Serafini, L. Asymmetric emittance beam generation using round beam RF guns and nonlinear optics 90088
Fiorentino, G., Serra, S. Fast parallel solvers for elliptic problems 72678
Fiorentino, G., Serra, S. Multigrid methods for symmetric positive definite block Toeplitz matrices with nonnegative generating functions 113225
Fiorentino, L.Del *see* Del Fiorentino, L.
Fioretti, S. Signal processing in movement analysis (a state-space approach) 101066
Fioretto, O. *see* Busatto, G. 115183
Fiorilla, A.S. *see* Capineri, L. 101607
Fiorillo, A.S. *see* Capineri, L. 111398
Fiorillo, F. *see* Appino, C. 64211
Fiorillo, G. *see* Di Capua, E. 110598
Fiorini, C., Charra, F., Nunzi, J.-M., Kajzar, F., Raimond, P. $\chi^{(2)}$-holography in organic materials 85738
Fiorini, C. *see* Bertuccio, G. 110555
Fiorini, C. *see* Chalupczak, W. 65530
Fiorini, C. *see* Fasoli, L. 90196
Fiorini, C. *see* Fasoli, L. 100970
Fiorini, C. *see* Lechner, P. 110554
Fiorini, E. Thermal detectors for neutrinos, dark matter and rare events 75378
Fiorini, E. *see* Alessandrello, A. 80100
Fiorini, E. *see* Cribier, M. 110538
Fiorino, C., Uleri, C., Cattaneo, G.M., Calandrino, R. On-line exit dose profile measurements by a diode linear array 101449
Fiorino, C., Uleri, C., Cattaneo, G.M., Longobardi, B., Signorotto, P., Calandrino, R. Patient dose estimation in TBI using portal film transit dosimetry in combination with semiconductor detectors 80526
Fippel, M. *see* Kawrakow, I. 80507
Firby, R.J. *see* Kahn, R.E. 86447
Firda, J.M., Sekelsky, S.M., McIntosh, R.E. Dual-frequency three-dimensional images of clouds 111198
Firebaugh, S.L. *see* Pangal, K. 106263
Firenze, F., Morasso, P., Schenone, A., Acquarone, F. An interactive neural network based approach to the segmentation of multimodal medical images 120403
Firer, J. *see* Moran, A. 73461
Firer, J. *see* Moran, A. 104597
Fireteanu, V., Craiu, O., Curiac, R. Evaluation of local and integral magnitudes in metal sheets inductive levitation device by FEM electromagnetic field modeling 65752
Firjahn-Andersch, A. *see* Madlung, J. 89702
Firlej, L. *see* Zahab, A. 62699
Firmin, D.N. *see* Yang, G.Z. 80277
Firmin, J.L. *see* Bodet, J.M. 112215
Firmiss, J. *see* Conrad, J.R. 63249
Firmstone, M.G. *see* Lawrence, F.T. 83634
Firneis, F. *see* Bockstein, I. 108632
Firoiu, V., Towsley, D. Call admission and resource reservation for multicast sessions 87721
Firoozbakhah, K.K., Monein, M.S. Internal fixation of oblique metacarpal fractures: a biomechanical evaluation by impact loading 120526
Firoz Hasan, S.M. *see* Khaliquzzaman, M. 94448
Firpo, P., Savio, S. AC electric traction system analysis: modelling and simulation in railway operation 71815
Firpo, P. *see* Cesario, P. 71814
Firpo, P. *see* Cosulich, G. 91912
Firsov, A.V. *see* Kasatkin, S.I. 64441
Firsov, D.A. *see* Belykh, V.G. 105109
Firsov, D.A. *see* Dalakyan, A.T. 116557
Firsov, D.A. *see* Vorobjev, L.E. 116558
Firszt, F., Legowski, S., Meczynska, H., Oczkowski, H.L., Osinska, W., Szatkowski, J., Paszkowicz, W., Spolnik, Z.M. Luminescence of $Zn_{1-x}Mg_xSe$, $Zn_{1-x}Mg_xSe$:Al and $Zn_{1-x}Mg_xSe$:I mixed crystals grown by Bridgman method 74185
Firth, W.J., Lord, A. Two-dimensional solitons in a Kerr cavity 65510
Firth, W.J., Lord, A. Stabilizing two-dimensional solitons in a Kerr cavity 107559
Firth, W.J., Scroggie, A.J. Optical bullet holes 107575
Firth, W.J. *see* Dunlop, A.M. 76180
Fisch, H. A comparison of RISC (Reduced Instruction Set) microprocessors 104588
Fischedick, M. *see* Kaltschmitt, M. 111856
Fischenberg, D., Monnich, W. C-160 ground handling model update using taxi test data 120592
Fischer, A., Kuehne, H. Critical dose for strained layer configurations 83897
Fischer, A. *see* Kuhne, H. 103836
Fischer, A. *see* Song, J.J. 96330
Fischer, A. *see* Wendt, H. 102961
Fischer, A.J., Taheri, B., Hays, J., Song, J.J., Goldenberg, B. Picosecond four-wave mixing in GaN epilayers 116706
Fischer, B., Selmi, L., Ghetti, A., Sangiorgi, E. Electron injection into the gate oxide of MOS structures at liquid nitrogen temperature: measurement and simulation 94976
Fischer, B. *see* Horowitz, M. 95627
Fischer, B. *see* Piel, H. 84861
Fischer, C. Improved CLIC performances using the beam response for correcting alignment errors 89672
Fischer, C. *see* Camas, J. 100597
Fischer, C. *see* Schrom, G. 84583
Fischer, C. *see* Simlinger, T. 84494
Fischer, C. *see* Spahn, W. 92745
Fischer, C.M., Burghard, M., Roth, S. Dark conductivity and photoconductivity of asymmetric gold/(Langmuir-Blodgett film)/gold tunnel junctions 74502

Fischer, C.M., Burghard, M., Roth, S., von Klitzing, K. Novel tunneling experiments on organic heterostructures 105524
Fischer, C.M. *see* Burghard, M. 74503
Fischer, D., Elofsson, A., Rice, D., Eisenberg, D. Assessing the performance of fold recognition methods by means of a comprehensive benchmark 98184
Fischer, D. *see* Chabloz, P. 92905
Fischer, D. *see* Dick, E.P. 102892
Fischer, D. *see* Marttila, R.J. 101693
Fischer, D. *see* Marttila, R.J. 102912
Fischer, D.A. *see* Fukumoto, Y. 84879
Fischer, E.M. *see* Judkins, R.R. 111806
Fischer, F., Waag, A., Worschech, L., Ossau, W., Scholl, S., Landwehr, G., Maekinen, J., Hautojaervi, P., Corbel, C. Self-compensation in halogen doped CdTe grown by molecular beam epitaxy 94721
Fischer, F. *see* Litz, T. 64913
Fischer, F. *see* Scholl, S. 62714
Fischer, F. *see* Shen, J.X. 74406
Fischer, F. *see* Waag, A. 92708
Fischer, F. *see* Worschech, L. 94348
Fischer, G., Davis, A.J. A sigma-delta modulator architecture for wide bandwidth applications 104635
Fischer, G., Huebner, U. How much further with the Web? 98788
Fischer, G. *see* Fuchs, W. 120619
Fischer, G. *see* Gottwald, E. 119203
Fischer, G. *see* Heinemann, B. 84332
Fischer, G. *see* Knoll, D. 84333
Fischer, G.L. *see* Boyd, R.W. 116642
Fischer, H., Halaczek, T.L. Graphical user interface for boundary scan (BS) production test 99314
Fischer, H. *see* Dengel, D. 92291
Fischer, H. *see* Drescher, P. 105007
Fischer, H. *see* Hartmann, P. 120119
Fischer, H. *see* Seeman, J.T. 89867
Fischer, H. *see* Wienhold, F.G. 70523
Fischer, H. *see* Zhu, Q. 100104
Fischer, J. *see* Friedrich, R. 89074
Fischer, J. *see* Norsworthy, S.R. 73427
Fischer, J. *see* Visbeck, M. 90815
Fischer, J.-B., Stern, J. An efficient pseudo-random generator provably as secure as syndrome decoding 86070
Fischer, J.-G., Mewes, H., Hopp, H.-H., Schubert, R. Analysis of pressurized resistance vessel diameter changes with a low cost digital image processing device 90411
Fischer, J.E. *see* Schirber, J.E. 75320
Fischer, K., Muller, J.P., Heimig, I., Scheer, A.-W. Intelligent agents in virtual enterprises 87844
Fischer, K., Shenai, K. Dynamics of power MOSFET switching under unclamped inductive loading conditions 63743
Fischer, K., Shenai, K. Ultra-high performance rugged scaled power MOSFETs for high-frequency power conversion 71427
Fischer, K. *see* Kuhnel, C. 79374
Fischer, K. *see* Schmidt, H. 81835
Fischer, K.W. High spectral resolution, low-coherence technique for daytime Doppler wind measurements with lidar 111211
Fischer, M., Nagele, M., Eichner, D., Schollhorn, C., Strobel, R. Integration of surface-micromachined polysilicon mirrors and a standard CMOS process 84626
Fischer, M., Tomizuka, M. Application and comparison of alternative position sensors in high-accuracy control of an X-Y table 89050
Fischer, M. *see* Gopal, S. 111331
Fischer, M. *see* Reuther, H.M. 63989
Fischer, M.J., Micali, S., Rackoff, C. A secure protocol for the oblivious transfer 117163
Fischer, M.J., Wright, R.N. Bounds on secret key exchange using a random deal of cards 66526
Fischer, N. *see* Ruiz, L. 87457
Fischer, O. *see* Triscone, J.-M. 61195
Fischer, P. An area efficient 128 channel counter chip 110616
Fischer, P., Joens, A. A self adjustment technique minimizing channel to channel variations in VLSI readout chips 90228
Fischer, P. *see* Branovich, L.E. 73953
Fischer, P. *see* Schefer, J. 69680
Fischer, R., Akay, M. A comparison of analytical methods for the study of fractional Brownian motion [biomedical signal processing] 120276
Fischer, R. *see* Kronmuller, H. 106510
Fischer, R. *see* Ting, A. 96478
Fischer, R.A. *see* Finardi, C.A. 93925
Fischer, R.A. *see* Neto, V.P. 93927
Fischer, R.P., Fliflet, A.W. Design of a CW quasi-optical gyrotron for materials processing 62581
Fischer, R.P., Fliflet, A.W. A CW quasioptical gyrotron for materials processing 114528
Fischer, R.P. *see* Fliflet, A.W. 104173
Fischer, R.P. *see* Fliflet, A.W. 104174
Fischer, S., Simmer, K.W. An adaptive microphone array for hands-free communication 67994
Fischer, S., Wytrebowicz, J., Budkowski, S. Hardware/software co-design of communication protocols 108868
Fischer, S. *see* Amin, A. 66891
Fischer, S. *see* Schefer, J. 69680
Fischer, S. *see* Wetzel, C. 62704
Fischer, S.G., Mercankosk, G. Access delay analysis of a distributed queue based ATM distributor-concentrator network 77646
Fischer, S.G., Mercankosk, G., Hullett, J.L. Access delay characteristics of extended distributed queueing for ATM access networks 78010
Fischer, T., Petrova-Koch, V., Shcheglov, K., Brandt, M.S., Koch, F. Continuously tunable photoluminescence from Si$^+$-implanted and thermally annealed SiO$_2$ films 94264
Fischer, T.C. *see* Kowaleski, J.A., Jr. 73440
Fischer, T.R. *see* Liuyang Yang 66460
Fischer, T.R. *see* Qing Chen 66224
Fischer, T.R. *see* Qing Chen 86721
Fischer, U. *see* Gottwald, E. 119203
Fischer, U. *see* Schopflin, A. 119208
Fischer, U. *see* Schuppert, B. 116096
Fischer, U.H.P., Gladisch, A., Giehmann, L. Comparison of three optical frequency references for HDWDM systems under field conditions 88495
Fischer, W. *see* Bruning, O. 120056
Fischer, W. *see* Edmaier, B. 98370
Fischer, W. *see* Gabara, T. 113822
Fischer, W. *see* Gabara, T. 113857
Fischer, W. *see* Meghdadi, F. 75768
Fischer-Binder, J.-O. *see* Kupka, W. 104719
Fischerauer, G. *see* Rosler, U. 106424
Fischetti, M. *see* Caprara, A. 113129
Fischetti, M.V., Laux, S.E. Band structure, deformation potentials, and carrier mobility in strained Si, Ge, and SiGe alloys 105097
Fischetti, M.V. *see* Laux, S.E. 63537
Fischl, R. *see* Belcastro, C.M. 70388
Fischl, R. *see* Schwartzenberg, J.W. 75729
Fischler, M.A., Bolles, R.C. Image understanding research at SRI International 67471
Fischler, W., Buchberger, P., Hopfel, R.A., Zandler, G. Ultrafast reflectivity changes in photoexcited GaAs Schottky diodes 63109
Fischman, A. *see* Banzanella, A.S. 101965
Fisenko, O.G. *see* Ol'khovik, L.P. 84805
Fisenko, S.P. On the propagation of the low-frequency noise generated in the cooling tower 102429
Fisenne, I.M. *see* Scarpitta, S.C. 110623
Fiser, O. Prediction of rain and water vapour attenuation at frequencies 10-30 GHz 107899
Fiser, R. *see* Ferkolj, S. 91824
Fiset, R., Cavayas, F., Mouchot, M.C., Solaiman, B., Desjardins, R. An automatic road extraction method using a map-guided approach combined with neural networks for cartographic database validation purposes 120890
Fish, C. *see* DiDomizio, J. 111423
Fish, G. *see* Holmes, A.L., Jr. 94508
Fish, G.A. *see* Wipiejewski, T. 85509
Fish, J., Pandheeradi, M., Belsky, V. Efficient solutions schemes for interface problems 72719
Fish, P.J. *see* Wang, Y. 90473
Fish, R.S. *see* Kraut, R.E. 67695
Fishbein, B.D. *see* Orlov, V.N. 102467
Fishbein, E.F., Cofield, R.E., Froidevaux, L., Jarnot, R.F., Lungu, T., Read, W.G., Shippony, Z., Waters, J.W., McDermid, I.S., McGee, T.J., Singh, U., Gross, M., Hauchecorne, A., Keckhut, P., Gelman, M.E., Nagatani, R.M. Validation of UARS Microwave Limb Sounder temperature and pressure measurements 120780
Fishbein, E.F. *see* Froidevaux, L. 120781
Fishburn, P.C., LaValle, I.H. Binary interactions and subset choice 72451
Fishell, E. *see* Byng, J.W. 69957
Fisher, A. *see* Babzien, M. 96556
Fisher, A. *see* Catravas, P. 76055
Fisher, A. *see* Gravier, L. 63077
Fisher, A. *see* Hubbard, R.F. 61415
Fisher, A. *see* Nolting, E. 69899
Fisher, A. *see* Tatchyn, R. 96526
Fisher, A. *see* Ting, A. 96478
Fisher, A. *see* Wienands, U. 79958
Fisher, B., Genossar, J., Patlagan, L., Reisner, G.M., Knizhnik, A. Fully oxygenated RBa$_2$Cu$_{3-x}$Co$_x$O$_y$, (R=Y, Eu, Pr, and $0 \leqslant x \leqslant 1$)–from high-temperature superconductors to high-resistivity nonmetals 95440
Fisher, B. *see* Balachandran, U. 91234
Fisher, B. *see* McGuire, J. 112778
Fisher, B.J., Dillon, N., Wilkinson, A.A., Carpenter, T.A., Hall, L.D. Design and evaluation of a transverse gradient set for magnetic resonance imaging of the human brain 70000
Fisher, C., Blankenship, R., Jensen, J., Rossman, T., Svilich, K. Optimization of standard cell libraries for low power, high speed, or minimal area designs 113862
Fisher, D. *see* Collura, J. 99320
Fisher, D. *see* Greene, A. 90033
Fisher, D.H. *see* Anerella, M.D. 90036
Fisher, G.B. *see* Lacomme, P. 111407
Fisher, J. *see* Warren, T. 112820
Fisher, J.C. Enhancement of charm signal significance in hadroproduction 69813
Fisher, J.L. *see* Light, G.M. 120925
Fisher, J.R. Feed arrays as they affect the design of very large collecting area radio telescopes 66051
Fisher, K.D., Modlin, C.S. Signal processing for 10 GB/in.^{2} magnetic disk recording and beyond 64424
Fisher, L. QuickRing solutions for high-performance data transfer in multiprocessing DSP architectures 93460
Fisher, M., Rea, T., Swanton, A., Wilkinson, M., Wood, D. Techniques for automated planning of access networks 67965
Fisher, M. *see* Bueno, G. 98262
Fisher, M. *see* Conlon, P. 98260
Fisher, M.A., Allen, L.H., Cukauskas, E.J. YBa$_2$Cu$_3$O$_7$/noble metal composite thin films for applications in fluxonic and flux-flow devices 64529
Fisher, M.A. *see* Kennedy, G.T. 116524
Fisher, M.E., Ghosh, A., Sharaf, A.M. Intelligent control strategies for permanent magnet DC motor drives 112450
Fisher, M.J., Chesnutt, S.W. Fort St. Vrain decommissioning 81236
Fisher, N.E., Jackson, D.A. A common-mode optical noise-rejection scheme for an extrinsic Faraday current sensor 69207
Fisher, N.E., Jackson, D.A. Vibration immunity and Ampere's circuital law for a near perfect triangular Faraday current sensor 100062
Fisher, N.E. *see* Wacogne, B. 68465
Fisher, P. *see* Kiselyov, O. 86757
Fisher, P.H. *see* Chang, Y.H. 90144
Fisher, R.B. Is computer vision still AI? 67095
Fisher, R.B. *see* Hoover, A. 97881
Fisher, R.B. *see* Pilu, M. 67226
Fisher, R.B. *see* Wright, M. 108417
Fisher, R.C. *see* Hinshelwood, D.D. 69638
Fisher, R.C. *see* Young, F.C. 120123
Fisher, R.E., Fukasawa, A. Wideband CDMA system for personal communications 118850
Fisher, R.E., Fukasawa, A., Sato, T., Takizawa, Y., Kato, T., Kawabe, M. Wideband CDMA system for personal communications services 118897
Fisher, R.E. *see* Fukasawa, A. 68296
Fisher, R.E. *see* Takizawa, Y. 108233
Fisher, T. *see* Cao, L. 112926
Fisher, T.A., Afshar, A.M., Skolnick, M.S., Whittaker, D.M., Roberts, J.S., Hill, G., Pate, M.A. Electro-optic tuning of vacuum Rabi coupling in semiconductor quantum microcavity structures 65309
Fisher, T.A. *see* Bradley, D.D.C. 106944
Fisher, T.A. *see* Lidzey, D.G. 75700
Fisher, T.A. *see* Weaver, M.S. 85257
Fisher, T.E. *see* Kato, T. 68286
Fishkova, T.Y. *see* Ovsyannikova, L.P. 116827
Fishman, D.A., Nagel, J.A. Next generation WDM lightwave systems 68414
Fishman, G. *see* Mariette, H. 72771
Fishman, G.J. *see* Inan, U.S. 85861
Fishman, J. *see* Froidevaux, L. 120781
Fishman, T., Orenstein, M. Cyclic vertical cavity semiconductor laser arrays with odd numbers of elements: lasing modes and symmetry breaking 65187
Fishteyn, M. *see* Wong, Y.M. 119220
Fishwick, P.A. *see* Yi-Bing Lin 77554
Fisk, E. *see* Nair, V. 83362
Fisk, R. *see* Bjorge, R.W. 81332
Fisk, R.J. *see* Szymanski, J.J. 110589
Fisk, R.P., Christodoulou, C.G. Creating an engineering/marketing technology incubator for undergraduate education 103392
Fiske, L.E. *see* High, N.M. 81242
Fiske, T. *see* Martin, R.A. 110298
Fiske, T.G., Silverstein, L.D. Modeling and optimization of color gamut and color tracking in high-performance AMLCDs 89301
Fismen, S.A. Experience: Norway [electricity supply ancillary services] 91008
Fisscher, O.A.M. *see* Kerssens-Van Drongelen, I.C. 103375
Fissel, A., Kaiser, U., Pfennighaus, K., Ducke, E., Schroter, B., Richter, W. Adlayer-determined epitaxial growth of SiC on Si-stabilized α-SiC(0001) by solid-source MBE 103985
Fissel, A. *see* Ducke, E. 105711
Fisson, S. *see* Nguyen Van, V. 119898
Fister, J. *see* Bender, D. 114398
Fister, K.S.J. *see* Chang, F.I. 74976
Fisun, A. *see* Fursov, A. 93743
Fisun, A.I. *see* Belous, O.I. 73716
Fisun, A.I. *see* Belous, O.I. 105057
Fitch, A.N. *see* Hammersley, A.P. 90246
Fitch, M. ATM services for small satellite terminals 78589
Fitch, M.R. Propagation from a geostationary satellite to terminals inside buildings 85859
Fite, C.B. *see* MacKerrow, E.P. 109804
Fithian, M.J. *see* Shalkhauser, K.A. 93894
Fitio, V.M., Muravsky, L.I., Stefansky, A.I. Using of random phase masks for image recognition in optical correlators 86906
Fitio, V.M. *see* Batchevsky, R.S. 86909
Fitting, H.-J., Hingst, T., Schreiber, E., Geib, E. Vacuum emission of hot electrons from GaAs 73948
Fitting, H.-J., Hingst, Th., Schreiber, E., Geib, E. Vacuum emission of hot and ballistic electrons from GaAs 83711
Fitting, P.E. PCMCIA connector and performance criteria overview 114386
Fittinghoff, D.N., Bowie, J.L., Sweetser, J.N., Jennings, R.T., Krumbugel, M.A., DeLong, K.W., Trebino, R., Walmsley, I.A. Measurement of the

intensity and phase of ultraweak, ultrashort laser pulses 79739
Fittinghoff, D.N. *see* DeLong, K.W. 79736
Fittinghoff, D.N. *see* Krumbugel, M.A. 96599
Fittinghoff, D.N. *see* Krumbugel, M.A. 100353
Fittinghoff, D.N. *see* Ladera, C.L. 110411
Fittinghoff, D.N. *see* Trebino, R. 69541
Fittinghoff, D.N. *see* Tsang, T. 110416
Fitton, D. *see* Li, H.Y. 111664
Fitton, M.P., Nix, A.R., Beach, M.A. Evaluation of metrics for characterising the dispersion of the mobile channel 116901
Fitz, A.P., Green, R.J. Fingerprint classification using a hexagonal fast Fourier transform 117597
Fitz, J. *see* Sheng-Hui Yang 65246
Fitz, M. Structures for relativistic electron acceleration. I. Laterally closed periodic structures 119968
Fitz, M.P., Gelfand, S.B. Reduced complexity symbol-by-symbol demodulation 66245
Fitz, M.P. *see* Gelfand, S.B. 67504
Fitz, M.P. *see* Gen-Kwo Lee 86276
Fitz, M.P. *see* Jiann-Ching Guey 109426
Fitze, H.R. *see* Stammbach, T. 100434
Fitzgerald, D. *see* Carhart, T.W. 109273
Fitzgerald, D. *see* Plum, M. 89898
Fitzgerald, D. *see* Swenson, D.R. 90095
Fitzgerald, D. *see* Wang, T. 89991
Fitzgerald, D.S. *see* Adams, D.G. 119667
Fitzgerald, D.S. *see* Nelson, C.L. 117521
Fitzgerald, E.A. *see* Grillot, P.N. 105246
Fitzgerald, E.A. *see* Jeffries, A.T., III 105797
Fitzgerald, E.A. *see* Xu, Q. 92711
Fitzgerald, J.B., Martlew, B.G., Quinn, P.D., Smith, S.L. An analysis of the operational performance of the automatic global horizontal beam position control system on the SRS at Daresbury 100521
Fitzgerald, J.B. *see* Suller, V.P. 79866
Fitzgerald, M. *see* Kyriou, J.C. 80522
Fitzgerald, M. *see* Underwood, J. 60503
Fitzgerald, W.J. *see* Molina, C. 108365
FitzGerrell, A.R. *see* Cathey, W.T. 117534
Fitzgibbon, A. *see* Hoover, A. 97881
Fitzgibbon, A. *see* Wright, M. 108417
Fitzpatrick, C., Vali, V., Youmans, B. Integrated optics rotation sensor (IORS) for dual use in military and commercial applications 79310
FitzPatrick, D. Simulating interactions between RF stages 73815
Fitzpatrick, J., Xiaodong Che The dependence of overwrite on proximity effects 115785
Fitzpatrick, J.M. *see* Ge, Y. 101185
Fitzpatrick, J.M. *see* Wang, M.Y. 70047
Fitzpatrick, K.K., Milstein, L.B., Wolf, J.K. A difference metric implementation for maximum-likelihood sequence estimation of binary input intersymbol interference channels 77559
Fitzpatrick, M. IMPORT/EXPORT: image conversion tools for IRAF 77079
Fitzpatrick, M., Valk, B. REMOLINK: a bi-directional single fibre optical link based on reflective modulation 88470
Fitzpatrick, M. *see* Yaorong Ge 86429
Fitzpatrick, P. Performance analysis of a layered wireless network serving different user classes 109478
Fitzpatrick, P. *see* Ivanovich, M. 109489
Fiumara, A. *see* Fermi, U. 93837
Fiume, D.Dal *see* Dal Fiume, D.
Fixsen, D.J. *see* Kowitt, M.S. 99705
Fixsen, D.J. *see* Kowitt, M.S. 119668
Fizzotti, F. *see* Manfredotti, C. 69898
Fjallbrant, T. *see* Mekuria, F. 101052
Fjeldly, T.A., Shurf, M.S., Ytterdal, T. Device modeling issues in deep-submicron MOSFETs 84435
Fjeldly, T.A. *see* Yuhua Cheng 94958
Fjelstad, J. Chip-scale packaging technology: An overview 92193
Fjelstad, J. Key flexible circuit design principles 94014
Fjelstad, J. Flexible circuit technology overview 94016
Fjield, T., Xiaobing Fan, Hynynen, K. A parametric study of the concentric-ring transducer design for MRI guided ultrasound surgery 101300
Fjortoft, R., Lebon, F., Sery, F., Lopes, A., Marthon, P., Cubero-Castan, E. A region-based approach to the estimation of local statistics in adaptive speckle filters 109757
Fjortoft, R., Marthon, P., Lopes, A., Cubero-Castan, E. Edge detection in radar images using recursive filters 87050
Flacau, C. *see* Udrea, M. 75598
Flaccomio, A. *see* Cirrincione, M. 121983
Flach, J.M. *see* Dominguez, C.O. 110880
Flachbart, K. *see* Roman, J. 62371
Flachs, G.M. *see* Carlson, J.J. 117639
Flachs, G.M. *see* Meng, Q. 117643
Flachsbart, B., Hsieh, K.-C. Fluxless Sn-Ag solder ball formation for flip-chip application 82265
Flachsmeyer, J. The difference poset of monotone functions 61034
Flack, F. *see* Joungchel Lee 114761
Flack, R. *see* Mueller, K.A. 79787
Flack, T.J., Williamson, S. Investigation of the losses in the stator duct spacers of large AC motors using the A-ψ 3-D eddy current formulation 71256
Flack, W.W., Avlakeotes, S., Chen, D., Flores, G.E. Efficient overlay optimization of stepper correctables 115074
Flacker, A. *see* Finardi, C.A. 93925
Fladenmuller, A., Horlait, E., Seneviratne, A. QOS management scheme for multimedia applications in best practice environments 78219
Fladenmuller, A. *see* Richards, A. 98456
Flaender, D. Interactive CATV applications based on mediabus and hyperstone E1-32 and E2 99775
Flagg, M. *see* Stoker, C.R. 90821
Flagmeyer, R.H. *see* Krause, H. 94682
Flaherty, J.E. *see* Devine, K.D. 72723
Flaherty, M.K.E. *see* Lawson, W. 105055
Flaig, J., Hahle, J. Innovative EMC testing for ICs and modules 85883
Flaim, T. *see* Sturtevant, J. 105821
Flak, T., Schmid, W., Sigmund, R. A comparison of several procedures for identifying outliers in contaminated ARMA processes 72466
Flake, R. *see* Shon, S. 82229
Flake, R. *see* Shon, S. 89541
Flake, R.H. *see* Pitner, G. 82243
Flam, R.P. *see* Farina, D. 76639
Flamant, P.H. *see* Lavorato, M.B. 111199
Flamant, P.H. *see* Oh, D. 69139
Flament, D., Jonquiere, J.L., Carlier, T. SNAPSIS: Software for GNSS and DGNSS performance analysis. Application to civil aviation for precision approach 79057
Flament, O. *see* Chabrerie, C. 74846
Flament, O. *see* Chabrerie, C. 106216
Flament, O. *see* Dentan, M. 90222
Flament, O. *see* Dentan, M. 95214
Flament, O. *see* Gardic, F. 73387
Flament, O. *see* Gardic, F. 74850
Flament, O. *see* Gardic, F. 104501
Flament, O. *see* Gardic, F. 104555
Flament, O. *see* Paillet, P. 74495
Flament, O. *see* Paillet, P. 105508
Flament, S. *see* Bernstein, P. 95486
Flaminio, V. *see* Autiero, D. 69815
Flaminio, V. *see* Autiero, D. 80006
Flaminio, V. *see* Bosi, F. 90134
Flanagan, A., Conneely, A., Glynn, T.J. Applications of high-power lasers in electronic assembly 114455
Flanagan, A., Glynn, T.J. Applications of the Nd:YAG laser in electronic assembly processes 114448
Flanagan, B.P. *see* Pettifor, J.D. 99377
Flanagan, J. *see* Atal, B.S. 76869
Flanagan, J. *see* Jan, E. 86157
Flanagan, J.A. *see* Jones, A.C. 72906
Flanders, P.J. *see* He, L. 106511
Flanders, P.J. *see* Varga, L. 115477
Flanders, S.W. *see* Storer, R.H. 82422
Flandre, D. *see* Francis, P. 94991
Flandre, D. *see* Gentinne, B. 74719
Flandre, D. *see* Silveira, F. 106191
Flandre, D. *see* Wainwright, S.P. 84036
Flandrin, P. *see* Baraniuk, R.G. 66223
Flandrois, S. *see* Dubois, S. 75303
Flanegan, M.C. *see* Marshall, P.W. 88410
Flanigan, B.J., Carroll, J.E. The push-pull principle [DFB lasers] 107232
Flann, N.S. *see* Henry, R.A. 92568
Flanz, J.B. Large medical gantries 101419
Flasck, J. *see* Chau, A. 90219
Flasck, J. *see* Chau, A. 100936
Flasck, J.M. *see* Santos, D.M. 90218
Flassbeck, W., Liegl, K., Hofbauer, F., Ritcher, W. Availability and reliability of the 600 MW HVDC back-to-back stations Etzenricht/Germany and Vienna Southeast/Austria 81006
Flatabo, N. *see* Reinertsen, T. 102512
Flatau, A.B. *see* Calkins, F.T. 115488
Flatau, A.B. *see* Dapino, M.J. 115487
Flatau, A.B. *see* Zrostlik, R.L. 95387
Flater, D., Yesha, Y. The role of the database community in the National Information Infrastructure 67741
Flath, L.M., Shepard, S.M. Thermal wave methods for nondestructive inspection and process control 72333
Flatley, J.E. *see* McGregor, D.S. 80153
Flatman, J.C. *see* Truscott, P.R. 80080
Flatman, J.C. *see* Truscott, P.R. 100827
Flatte, M. *see* Grein, C.H. 69159
Flatte, M.E. *see* Ehrenreich, H. 100002
Flatte, M.E. *see* Ehrenreich, H. 100035
Flatte, M.E. *see* McCahon, S.W. 114797
Flattery, J. *see* Kornreich, P. 116025
Flaviis, F.De *see* De Flaviis, F.
Flechais, A. *see* Prud'hon, C. 66017
Flechsig, D.E. *see* Abramovitz, I.J. 61673
Flechsig, S. *see* Towe, B.C. 79582
Flechtner, D., Kerslick, G.S., Ivers, J.D., Nation, J.A., Schachter, L. Ferroelectric cathodes as electron beam sources 90107
Fleck, B., Dowling, D.A., Wenke, L. An application of azo-dye-doped polymer films in optical signal processing using Fourier holograms 85770
Fleck, J. Informal information flow and the nature of expertise in financial services 72171
Fleck, M.M., Forsyth, D.A., Bregler, C. Finding naked people 67314
Fleckner, K. *see* Whitham, K. 89719
Fleddermann, C.B. *see* Focia, R.J. 102823
Fleet, P.J.Van *see* Van Fleet, P.J.
Fleetwood, D.M. Fast and slow border traps in MOS devices 74494
Fleetwood, D.M. Fast and slow border traps in MOS devices 105506
Fleetwood, D.M. *see* Shaneyfelt, M.R. 74742
Fleetwood, D.M. *see* Shaneyfelt, M.R. 106021
Fleetwood, D.M. *see* Warren, W.L. 63171
Flegal, T. *see* Barrow, W. 89272
Flegel, W. *see* Annis, P. 80121
Flehinger, B.J. *see* Reiser, B. 82334
Fleischer, G., Hofmann, B. On inversion rates for the autoconvolution equation 97715
Fleischer, K., Munnings, R.S. Power systems analysis for direct current (DC) distribution systems 111606
Fleischer, M. *see* Ban, J. 69810
Fleischer, S.B. *see* Lenz, G. 116413
Fleischer, S.D., Wang, H.H., Rock, S.M., Lee, M.J. Video mosaicking along arbitrary vehicle paths 90830
Fleischman, A.J., Roy, S., Zorman, C.A., Mehregany, M., Matus, L.G. Polycrystalline silicon carbide for surface micromachining 74939
Fleischman, A.J., Zorman, C.A., Mehregany, M., Jacob, C., Nishino, S., Pirouz, P. Epitaxial growth of 3C-SiC films on 4-inch diameter (100) silicon wafers by APCVD 104037
Fleischman, A.J. *see* Jacob, C. 104050
Fleischmann, B. *see* Bormann, C. 90198
Fleischmann, D. *see* Bankier, A.A. 101234
Fleischmann, P. *see* Leitner, E. 74818
Fleischmann, R. *see* Smet, J.H. 105235
Fleisher, V.G., Laiho, R., Laehderanta, E., Stepanov, Yu.P., Traito, K.B. Temperature dependence of the magnetic field penetration depth versus oxygen ordering in submicron YBCO particles 106666
Fleisig, R. The first manned lunar landing spacecraft–its design, manufacture, ground test and mission 101478
Fleissner, J. *see* Czotscher, K. 107237
Fleissner, J. *see* Ehret, S. 94518
Fleissner, J. *see* Esquivias, I. 107229
Fleissner, J. *see* Ralston, J.D. 96305
Flem, G.D.Le *see* Le Flem, G.D.
Flem, G.Le *see* Le Flem, G.
Fleming, A.D., Palka, P., McDicken, W.N., Fenn, L.N., Sutherland, G.R. Verification of cardiac Doppler tissue images using grey-scale M-mode images 90470
Fleming, A.R. *see* Beckett, P.M. 82193
Fleming, D.L. *see* Chun, C.S.L. 69277
Fleming, J.G., Barron, C.C. Novel silicon fabrication process for high-aspect-ratio micromachined parts 74912
Fleming, J.G., Ohiberg, D.A.A., Felter, T., Malinowski, M. Fabrication and testing of vertical metal edge emitters with well defined gate to emitter separation 83736
Fleming, J.G., Ohlberg, D.A.A., Felter, T., Malinowski, M. Fabrication and testing of vertical metal wedge devices with well defined gate to emitter separation 74025
Fleming, J.G. *see* Barron, C.C. 106281
Fleming, J.S. Evaluation of a technique for simulation of gamma camera images 110689
Fleming, J.S., Halson, P., Conway, J., Moore, E., Nassim, M.A., Hashish, A.H., Bailey, A.G., Holgate, S.T., Martonen, T.B. Three-dimensional description of pulmonary deposition of inhaled aerosol using data from multimodality imaging 90315
Fleming, J.W. *see* Pasternack, L. 96635
Fleming, K.N. *see* Leiming Xing 102365
Fleming, K.P. Looking for nutrition science information on the World Wide Web and finding.. a need for librarians 98714
Fleming, M.E. Frequency-domain DSP: an enabling technology 61920
Fleming, P. *see* Chipperfield, A. 111796
Fleming, R.Le *see* Le Fleming, R.
Fleming, S., Fujiwara, T., Wong, D. Measurement challenges of UV-poled electro-optic fibre devices 64692
Fleming, S. *see* Zhao, Y. 75862
Fleming, S.C., Fujiwara, T., Wong, D., Zhao, Y., Poole, S.B. Poled fiber devices–mechanisms and applications 85011
Fleming, S.C., Whitley, T.J. Measurement and analysis of pump-dependent refractive index and dispersion effects in erbium-doped fiber amplifiers 75852
Fleming, T.K. *see* Huesman, R.H. 90368
Flemish, J.R., Xie, K. Profile and morphology control during etching of SiC using electron cyclotron resonant plasmas 114910
Flemish, J.R. *see* McLane, G.F. 74592
Flemming, L. *see* Fransson, M. 102387
Flensberg, K. *see* Ben Yu-Kuang Hu 63069
Flerackers, E. *see* Van Reeth, F. 118566
Flerova, G. *see* Lyakhovich, T. 115679
Fleshler, S. *see* Malozemoff, A.P. 64506
Fleshler, S. *see* Paasi, J. 95408
Flesia, C., Starkov, A.V. Multiple scattering from clear atmosphere obscured by transparent crystal clouds in satellite-borne lidar sensing 80639
Fletcher, B. *see* Dickson, R.S. 102068
Fletcher, E.A. Solar thermochemical and electrochemical research–how they can help reduce the carbon dioxide burden 91256
Fletcher, E.J., Crozier, D.S., Turnpenny, D., Busby, I., Leycure, P. The development of a semi automated road inventory data logging system 99873

Fletcher, E.J., Roberts, N., Rowley, G., Eilbeck, J. Modelling particle charging mechanisms in cyclone separators [for pharmaceutical powders] 96966
Fletcher, E.M., Kussmaul, C.L., Mangun, G.R. Estimation of interpolation errors in scalp topographic mapping 90527
Fletcher, G. *see* Fernandez-Duran, A. 109540
Fletcher, G.J., Giblin, P.J. Class based reconstruction techniques using singular apparent contours 67229
Fletcher, L.M., Rudin, S., Bednarek, D.R. Method for image equalization of ROI fluoroscopic images using mask localization, selection and subtraction 110785
Fletcher, M.J. A review of optical inspection methods 61476
Fletcher, N.R., Hopson, M.B., Lee, C., Tiede, M.A., Yang, Z., Liendo, J. High resolution particle decay spectroscopy of nuclear states produced in heavy-ion reactions 69877
Fletcher, P. Multimedia decoder chip adds a hot "SPARC" to DVD 73403
Fletcher, P.N., Dean, M. Derivation of orthogonal beams and their application to beamforming in small phased arrays 108074
Fletcher, R., Coleridge, P.T., Feng, Y. Oscillations in the low-field diffusion thermopower of a 2D electron gas 105284
Fletcher, R. *see* Al-Baali, M. 60963
Fletcher, R. *see* Brown, R.E. 121126
Fletcher, R. *see* Cao, S. 114686
Fletcher, S., Bulpitt, A., Hogg, D. Global alignment of MR images using a scale based hierarchical model 70026
Fletcher, T. *see* Anson, S. 120934
Fletcher, V. Saving energy with magnets 106639
Fleuren, F. *see* Olsen, B.T. 98910
Fleurent, C., Ferland, J.A. Genetic and hybrid algorithms for graph coloring 82421
Fleurent, C., Ferland, J.A. Genetic hybrids for the quadratic assignment problem 92523
Fleurial, J.-P. *see* Caillat, T. 114671
Fleury, A. *see* Barla, K. 60667
Fleury, M., Hayat, L., Clark, A.F. Parallel entropic auto-thresholding 77206
Flevaris, N.K. *see* Tassis, D.H. 94432
Flick, J. *see* Szymanski, J.J. 110589
Flickner, M. *see* Maiaru, L.C. 103733
Flietner, H. *see* Timoshenko, V.Yu. 94299
Fliflet, A. *see* Hubbard, R.F. 61415
Fliflet, A.W., Bruce, R.W., Kinkead, A.K., Fischer, R.P., Lewis, D., III, Rayne, R., Bender, B., Kurihara, L.K., Gan-Moog Chow, Schoen, P.E. Application of microwave heating to ceramic processing: Design and initial operation of a 2.45-GHz single-mode furnace 104173
Fliflet, A.W., Fischer, R.P., Kinkead, A.K., Bruce, R.W. Pulsed 35 GHz gyrotron with overmoded applicator for sintering ceramic compacts 104174
Fliflet, A.W., Gold, S.H. Mode competition in harmonic magnicon amplifiers 62603
Fliflet, A.W., Gold, S.H. Mode competition in fourth-harmonic magnicon amplifiers 105020
Fliflet, A.W. *see* Fischer, R.P. 62581
Fliflet, A.W. *see* Fischer, R.P. 114528
Fliflet, A.W. *see* Gold, S.H. 62226
Fliflet, A.W. *see* Gold, S.H. 100423
Fliflet, A.W. *see* Gold, S.H. 105019
Flikkema, P. *see* Gecan, A. 109820
Flikkema, P.G. Fast random-number generation for simulation using low-cost DSP's 83169
Flikkema, P.G., Johnson, S.G. A comparison of time- and frequency-domain wireless channel sounding techniques 107889
Flikkema, P.G., Johnson, S.G. Vehicle collision warning and avoidance system using real-time FFT 119296
Flikkema, P.G. *see* Xiang Li 109332
Flinchbaug, D.E. Power industry electronics for environmental monitoring and emissions control 60737
Flinchbaugh, B. *see* Rao, K. 70552
Flinn, D. *see* Roberts, J.S. 70894
Flinn, P.A. *see* Besser, P.R. 84223
Flint, A. Tackling programmable devices 73277
Flipse, M.C., Van Der Vorst, C.P.J.M., Hofstraat, J.W., Woudenberg, R.H., Van Gassel, R.A.P., Lamers, J.C., van Der Linden, G.M., Veenis, W.J., Diemeer, M.B.J., Donckers, M.C.J.M. Recent progress in polymer based electro-optic modulators: materials and technology 106848
Flipse, M.C. *see* Jager, M. 107525
Flipse, M.C. *see* Jager, M. 116662
Flipse, M.C. *see* Otomo, A. 107586
Fliyou, M. *see* Moukhliss, S. 114723
Floch, A.Le *see* Le Floch, A.
Floch, H.G., Belleville, P.F., Pegon, P.M., Dijonneau, C.S., Guerain, J. Sol-gel optical thin films for an advanced megajoule-class Nd:glass laser ICF-driver 85244
Floch, H.G., Belleville, P.F., Pegon, P.M., Dijonneau, C.S., Guerain, J. Sol-gel optical thin films for an advanced megajoule-class Nd:glass laser ICF-driver 106930
Floc'h, J.M., Desclos, L. New simplified active transverse dipole array design 66120
Flockhart, C., Christopoulos, C. Frequency domain TLM applied to microwave heating 71899
Flodstrom, A. *see* Balevichius, S. 75379
Flodstrom, A.S. *see* Hirschauer, B. 113471
Floet, D.W. *see* Schlatmann, A.R. 107008
Flohr, T.J., Allebach, J.P., Bouman, C.A. An efficient implementation for stochastic DBS [in halftones design] 87220
Flokstra, J. *see* Gijsbertsen, J.G. 115934
Flokstra, J. *see* van Duuren, M.J. 69029
Flokstra, J. *see* van Duuren, M.J. 115947
Flom, S.R., Shirk, J.S., Pong, R.G.S., Bartoli, F.J., Snow, A.W. Dynamic effects in materials designed for optical limiting 107551
Flom, S.R. *see* Shirk, J.S. 116648
Flood, D.J. *see* Faur, M. 105525
Flood, F.A., Tonguz, O.K. Effect of amplifier spacing on end-to-end gain equalization 68403
Flood, F.A., Tonguz, O.K. Comparison of gain equalizations strategies for erbium-doped fiber amplifier chains 85383
Flood, J.P. The EU directive on electromagnetic compatibility 85891
Flood, K.M. *see* Finlan, J.M. 85231
Flood, R. *see* Merz, W. 102856
Flook, A. Fractals 82430
Flora, H. *see* Arcoumanis, C. 81980
Flora, R., Martin, K., Moibenko, A., Pfeffer, H., Wolff, D., Prieto, P., Hays, S. MECAR (Main Ring Excitation Controller And Regulator): a real time learning regulator for the Fermilab Main Ring or the Main Injector synchrotron 89921
Florack, L., Ter Haar Romeny, B., Viergever, M., Koenderink, J. The Gaussian scale-space paradigm and the multiscale local jet 67202
Florack, L. *see* Nielsen, M. 67279
Floreani, D.J., Billington, J., Dadej, A. Designing and verifying a communications gateway using coloured Petri nets and Design/CPN™ 109348
Floreanini, R., Vinet, L. q-gamma and q-beta functions in quantum algebra representation theory 72397
Florence, J.M., Yoder, L.A. Display system architectures for Digital Micromirror Device (DMD) based projectors 89235
Florencio, D.A.F. *see* De Queiroz, R.L. 97968
Flores, A.P. *see* Guntzel, J.L. 93016
Flores, B.C. *see* Rodriguez, E. 99624
Flores, C. *see* Timo, G. 61266
Flores, D., Godignon, P., Vellvehi, M., Fernandez, J., Hidalgo, S., Rebollo, J., Millan, J. Numerical simulation of the insulated base MOS-controlled thyristor 63645
Flores, D., Vellvehi, M., Godignon, P., Fernandez, J., Hidalgo, S., Rebollo, J., Millan, J. Study of the electrical behaviour of the IBMCT structure 63644
Flores, D. *see* Vellvehi, M. 82938
Flores, E.L., Rezende, E.N., Carrijo, G.A., Yabu-uti, J.B.T. An algorithm to recognize numerical handwritten characters isolated and overlapped 87232
Flores, F. *see* Saiz-Pardo, R. 63092
Flores, G. *see* Venkataram, S. 115092
Flores, G.E. *see* Flack, W.W. 115074
Flores, J.C., Cruz, J.J., Cenzon, E.B. GPA SCADA/EMS project: serving our needs into the twenty-first century 80818
Flores, J.C. *see* Wong, H.H. 70765
Flores, J.S. CTE model for estimating CCD image smear 79535
Flores, L.E., Martinez, C. Dynamic control for the direct measurement of transport critical current in superconductors 95447
Flores, P. *see* Pinto de Sa, J.L. 102258
Flores Orta, A. *see* Lopez Callejas, R. 99845
Flores-Nava, L.M., Ortega-Cisneros, S., Gomez-Castañeda, F., Moreno-Cadenas, J. Electronic implementation for competitive neural network: a prototype 104759
Flores-Verdad, G.E. *see* Montero, O. 81996
Flores-Verdad, G.E. *see* Zacatelco, L.H.C. 73068
Florez, A. *see* Catunda, T. 106745
Florez-Lizarraga, M., Witulski, A.F. Input filter design for multiple-module DC power systems 71491
Floriani, L.De *see* De Floriani, L.
Floricau, D. *see* Fodor, D. 71773
Floricau, D. *see* Fodor, D. 121440
Florin, B. *see* Deleonibus, S. 114906
Floriot, D. *see* Delage, S.I. 83389
Floriot, D. *see* Delage, S.L. 62341
Floriot, D. *see* Mallet, A. 83402
Floriot, D. *see* Viaud, J.P. 73726
Floris, P.G.A. A noncommutative discrete hypergroup associated with q-disk polynomials 72398
Florissi, D., Yemini, Y. Protocols for loosely synchronous networks 118518
Florjancic, M. *see* Richter, H. 112906
Florjanczyk, M. Simulation software helps craft waveguides 106852
Florovsky, K.L. *see* Demirchyan, K.S. 97007
Flory, F., Berthier, D., Rigneault, H., Roux, L. Consequences of Ti-, Li-, and Er-ion implantations on the optical properties of single layers of Ta_2O_5 106918
Flory, F. *see* Monneret, S. 110404
Flory, M., Schaefer, R. Traffic management and analysis in today's switched networks 118231
Floryan, K. "Definity": advanced communication system for business 118276
Florzinger, D. *see* Pfurtscheller, G. 70164
Flosadottir, A.H., Constable, S. Marine controlled-source electromagnetic sounding. 1. Modeling and experimental design 70465
Flosdorff, A., Gorlitz, D., Kotzler, J. Homogeneous magnetization dynamics below T_c of EuO: effects of spin waves and anisotropy 64241
Flosdorff, A., Gorlitz, D., Kotzler, J. Temperature and field dependence of domain wall dynamics up to the Curie point of EuO 75161
Flottmann, K. *see* Alexandrof, V.A. 100628
Flottmann, K. *see* Tenenbaum, P. 89910
Flottmeyer, F., Sundermann, U., Mollmann, A. Ageing behaviour of transformer insulating oils 71389
Flotzinger, D. *see* Kalcher, J. 120535
Floudas, C.A. *see* Liu, W.B. 82504
Floury, N., Le Toan, T., Souyris, J.C. Relating forest parameters to interferometric data 120906
Floury, N. *see* Le Toan, T. 111345
Floury, N. *see* Mattia, F. 120728
Floury, N. *see* Souyris, J.-C. 111344
Flower, D.A. *see* Froidevaux, L. 120781
Flower, D.A. *see* Jarnot, R.F. 120779
Flower, J.O. *see* Pollock, H. 71534
Flower, M.A. *see* Lodge, M.A. 80310
Flower, M.A. *see* Lodge, M.A. 101192
Flower, M.A. *see* Ott, R.J. 70076
Flowers, M.C., Jonathan, N.B.H., Morris, A., Wright, S. The adsorption and reactions of water on Si(100)-2×1 and Si(111)-7×7 surfaces 74117
Floyd, C.E., Jr. *see* Bowsher, J.E. 120300
Floyd, E.M. EastNet: an Internet bridge for rural teachers 98703
Floyd, P.D., Thibeault, B.J., Coldren, L.A., Merz, J.L. Reduced threshold bottom emitting vertical cavity lasers by AlAs oxidation 65317
Floyd, P.D. *see* Itaya, K. 65220
Floyd, P.T., Diefes, R.J. VXI tuner supports HF system designs 99860
Floyd, S. *see* Fall, K. 108848
Fluck, D., Gunter, P. Tunable blue light generation by sum-frequency mixing of AlGaAs and InGaAs laser diodes in $KNbO_3$ 65470
Fluck, D., Pliska, T., Gunter, P., Beckers, L., Buchal, C. Cerenkov-type second-harmonic generation in $KNbO_3$ channel waveguides 64771
Fluck, R., Jung, I.D., Zhang, G., Kartner, F.X., Keller, U. Broadband saturable absorber for 10-fs pulse generation 65154
Fluck, R., Zhang, G., Keller, U., Weingarten, K.J., Moser, M. Diode-pumped passively mode-locked 1.3-μm Nd:YVO_4 and Nd:YLF lasers by use of semiconductor saturable absorbers 107222
Fluck, R. *see* Jung, I.D. 116708
Fluck, R. *see* Siegner, U. 114638
Fluckiger, F.F. Back to basics: networking requirements of audio and motion video 87826
Fluckiger, R. *see* Torres, P. 105094
Flueck, A.J., Hsiao-Dong Chiang Solving the nonlinear power flow equations with a Newton process and GMRES 120968
Flueck, A.J., Hsiao-Dong Chiang, Shah, K.S. Investigating the installed real power transfer capability of a large scale power system under a proposed multiarea interchange schedule using CPFLOW 70726
Fluegel, B. *see* Eliseev, P.G. 64973
Fluegel, B. *see* Giessen, H. 65495
Fluegel, B. *see* Giessen, H. 94524
Fluegel, B. *see* Giessen, H. 96294
Fluegel, B. *see* Mohs, G. 76270
Fluegel, B. *see* Mohs, G. 94525
Fluegel, T. *see* Peigneux, J.P. 120164
Fluekiger, R. *see* Ciszek, M. 75312
Fluekiger, R. *see* Grindatto, D.P. 75304
Flueler, P. *see* Brunner, A.J. 61481
Flueler, P. *see* Brunner, A.J. 113609
Flueraru, C. *see* Rosu, V.A. 121366
Flugel, K. The renovation of the transmission installation on Walmberg near Reit im Winkl: A new way for the reconstruction of a transmitter location 119384
Fluitman, J. *see* Legtenberg, R. 81497
Fluitman, J.H.J. *see* Burger, J.F. 75260
Fluitman, J.H.J. *see* Imai, S. 115691
Fluitman, J.H.J. *see* Lammerink, T.S.J. 74957
Fluitman, J.H.J. *see* Spiering, V.L. 64003
Flukiger, R. *see* Horvath, I.L. 100267
Flur, P.W., Lockhart, J.B., Yalamanchili, S. Integrating academic services in a modern networked environment 112759
Fluri, K. *see* Harrison, D.J. 119643
Flusberg, A., Fulghum, S.F. Detectivity of shot-noise-limited interferometric systems measuring weak gaseous absorption 89555
Fly, B.E. *see* Slama, M.D. 80725
Flynn, C.P. *see* Theis-Brohl, K. 64363
Flynn, D., Hogg, B.W., Swidenbank, E., Zachariah, K.J. A self-tuning automatic voltage regulator designed for an industrial environment 81393
Flynn, E.J. Effect of device impedance on the measurement of carrier lifetime and carrier density in semiconductor lasers 65268
Flynn, E.J. *see* Ackerman, D.A. 68907
Flynn, E.J. *see* Shtengel, G.E. 65198
Flynn, E.R. *see* Bracht, R.R. 101143
Flynn, E.R. *see* Kung, P.-J. 101053
Flynn, F.P. *see* Tcheir, N. 103114
Flynn, G. *see* Belomestnykh, S. 89896
Flynn, G. *see* Nadji, A. 120032
Flynn, G. *see* Padamsee, H. 100471
Flynn, J.S. *see* Redwing, J.M. 85454
Flynn, J.S. *see* Redwing, J.M. 94475

Flynn, M.F., Bos, P. Contrast and color uniformity optimization of an LCD Pi cell pixel 100244
Flynn, M.F., Kelly, J., Jamal, S.H. Applications and experimental verification of a performance-metric-based optimization scheme for LCDs 89442
Flynn, M.J., Hames, S.M., Wilderman, S.J., Ciarelli, J.J. Quantum noise in digital X-ray image detectors with optically coupled scintillators 101266
Flynn, M.J., Hames, S.M., Wilderman, S.J., Ciarelli, J.J. Quantum noise in digital X-ray image detectors with optically coupled scintillators 101292
Flynn, M.J. *see* Fu, S.T. 104541
Flynn, M.J. *see* Reimann, D.A. 101345
Flynn, M.P., Allstot, D.J. CMOS folding A/D converters with current-mode interpolation 104621
Flynn, P.J. Realistic range rendering for object hypothesis verification 77374
Flynn, P.J. *see* Hoover, A. 97881
Flynn, P.J. *see* Jianchang Ma 77469
Flynn, R., Tetzlaff, W. Disk striping and block replication algorithms for video file servers 98872
Flynt, R.A., Lu Fan, Navarro, J.A., Kai Chang Low cost and compact active integrated antenna transceiver for system applications 117022
Flystveit, A. *see* Johannessen, A.B. 99414
Flytzanis, C. *see* Buss, C. 94563
Flytzanis, C. *see* Schanne-Klein, M.C. 76206
Flytzanis, N. *see* Caputo, J.-G. 106688
Flytzanis, R. *see* Schanne-Klein, M.C. 76206
Fnidiki, A. *see* Richomme, F. 95360
Fo, H. *see* Ottow, S. 106290
Foata, D., Zeilberger, D. Graphical major indices 72474
Focardi, E. *see* Mours, B. 100821
Focardi, E. *see* Mours, B. 120196
Focardi, E. *see* Tonelli, G. 110565
Focardi, R., Gorrieri, R. Automatic compositional verification of some security properties 77738
Fochesatto, G.J. *see* Lavorato, M.B. 111199
Fochouk, P. *see* Panchouk, O. 94349
Fochouk, P. *see* Shcherbak, L. 94722
Fochs, S.N., Le Sage, G.P., Feng, H.X.C., Laurent, L., Rosenau, S.A., Hartemann, F.V., Luhmann, N.N., Jr, Perry, M.D., Heritage, J.P. Design and preliminary operation of a gigahertz repetition rate femtosecond hybrid AlGaAs/Ti:sapphire laser system for advanced photoinjectors 65147
Fochs, S.N. *see* Hartemann, F.V. 76047
Fochs, S.N. *see* Le Sage, G.P. 65381
Fochs, S.N. *see* Le Sage, G.P. 107031
Fochs, S.N. *see* Le Sage, G.P. 116571
Focht, M.W. *see* Kojima, K. 75991
Focia, R.J., Schamiloglu, E., Fleddermann, C.B. Simple techniques for the generation of high peak power pulses with nanosecond and subnanosecond rise times 102823
Fockler, J. *see* Sampayan, S. 89780
Fodor, D., Floricau, D., Ionescu, F., Niculae, D. Application of neural networks for speed sensorless estimation in electric motors 121440
Fodor, D., Ionescu, F., Floricau, D., Six, J.P., Delarue, P., Diana, D., Griva, G. Neural networks applied for induction motor speed sensorless estimation 71773
Fodor, D., Katona, Z., Vass, J. On fuzzy logic speed control for vector controlled AC motors 91811
Fodor-Davis, J. Desktop video conferencing: K-12 school and university uses and implications 92071
Foelsche, H. *see* Mulhall, S. 95576
Foelsche, H.W. *see* Tsoupas, N. 89800
Foerster, A. *see* Dubecky, F. 110574
Foerster, A. *see* Novak, J. 114951
Foerstner, J. *see* Huang, W.M. 106248
Fofana, I., Beroual, A. A model for long air gap discharge using an equivalent electrical network 64063
Fog, B. Application of various GPS-equipment and GIS for rapid field inventories of agroecosystems 78629
Fogarassy, E. *see* Antoni, F. 92831
Fogarassy, E. *see* Kantor, Z. 94690
Fogarty, J., Kong, W., Solanki, R. Monte Carlo simulation of electrical characteristics of high-field ACTFEL devices 85297
Fogarty, K.J., Matsuyama, K., Asada, H., Clegg, W.W. Fundamental studies of stripe-domain chopping in the presence of magnetic fields 84802
Fogarty, T.C. *see* Carse, B. 118170
Fogel, D.B. *see* Brotherton, T.W. 67113
Fogel, K. *see* Da-Yuan Shih 112936
Fogelberg, J., Petersson, L.-G. Kinetic modelling of the H_2-O_2 reaction on Pd and of its influence on the hydrogen response of a hydrogen sensitive Pd metal-oxide-semiconductor device 69351
Fogelman, I. *see* Patel, R. 80523
Foger, K. *see* Badwal, S.P.S. 71683
Foger, K. *see* Badwal, S.P.S. 81748
Fogg, B. *see* Dowie, T. 60765
Foggi, P. *see* Altucci, C. 96721
Foggi, P. *see* Danielius, R. 96648
Foggi, P. *see* Danielius, R. 107564
Foggia, A. *see* Nabeta, D.I. 102674
Foggia, A. *see* Nabeta, S.I. 71285
Foggia, A. *see* Silva, V.C. 71286
Foggia, A. *see* Silva, V.C. 91382
Fogleboch, J. *see* Wiedeman, S. 112334
Fogler, H.S. *see* LeBlanc, S.E. 60437
Fogler, R.J., Donohoe, G.W., Brooks, W., Holland, R. Labelling tissues in anatomical images of the Visible Human project 80342
Fogler, R.J., Hush, D.R. An artificial retina for SAR object recognition 79000
Fogliani, S. *see* Masi, M. 61272
Foglietti, V. *see* Bearzotti, A. 119642
Fogret, E. *see* Lucas, J. 115990
Foisel, H.-M. *see* Caspar, C. 109643
Foisy, M. *see* McAndrew, C. 63627
Foisy, M. *see* McAndrew, C.C. 115157
Fojt, R., Huber, J. "Systems on Silicon (SOS) electronic systems on single chips 113971
Fok, F. *see* Chan, K.K. 65821
Fok, S.C. *see* Lim, S.S. 83604
Fok Ying-Lun *see* Ying-Lun Fok
Fokanov, V.P. *see* Alexandrov, B.S. 116367
Fokin, Yu.A., Aleksandrov, S.O. A method for calculating reliability of electrical energy sources of electrical power systems when planning their development 121067
Fokin, Yu.A. *see* Sveshnikov, V.I. 70632
Fokitis, E. *see* Adam, W. 69709
Fokitis, E. *see* Filippas, A. 69738
Fokkema, D.R., Sleijpen, G.L.G., Van der Vorst, H.A. Generalized conjugate gradient squared 72609
Fokkema, D.R. *see* Sleijpen, G.L.G. 103756
Fokken, G.J. *see* Schaefer, T.M. 62513
Fol, G.Le *see* Le Fol, G.
Foland, A.D., Alexander, J.P. Radiation-induced surface leakage currents in silicon microstrip detectors 100878
Foland, A.D., Alexander, J.P., Hopman, P.I., Kim, P.C., Ward, C.W. Radiation-induced surface leakage currents in silicon microstrip detectors 90127
Foland, W.R., Jr. *see* Tuttle, G.T. 75262
Foldes, P. *see* Capece, P. 66179
Foldvari, I. *see* Peter, A. 106754
Foley, B.M. *see* Schwartz, D.B. 96052
Foley, C. Understanding eye-pattern analysis [signal transmission test tool] 88950
Foley, J. *see* Sparrow, G.R. 60710
Foley, J.P., Hawkins, A.G. The introduction of widescreen television in Europe–the digital transition route 119395
Foley, M. *see* Anderson, H. 83653
Foley, M. *see* Johnstone, C. 79799
Foley, M. *see* Ohno, Y. 105332
Foley, M. *see* Sun, D. 100501
Foley, R.J. *see* Barker, C.E. 85432
Foley, S., Ryan, A., Martin, D., Mathewson, A. A study of the influence of inter-metal dielectrics on electromigration performance 74633
Folger, H. *see* Schmidt, P.V. 90179
Folgero, K. Bilinear calibration of coaxial transmission/reflection cells for permittivity measurement of low-loss liquids 110328
Folgero, K., Tjomsland, T. Permittivity measurement of thin liquid layers using open-ended coaxial probes 100295
Folgmann, E.-E. New applications of directional radio technology 99133
Folk, T., Mallette, L., Ulmer, J. Unwanted microwave oscillator frequency shifts induced by bipolar junction transistor die attach 83397
Folkerts, R. *see* Bullman, H.G. 69682
Folkes, P.A., Smith, D., Lux, R.A., Zhou, W., Thompson, R., Moerkirk, R., Lemeune, M., Cooke, P., Brown, K. Back-gating effect of low-temperature GaAs on a pseudomorphic modulation-doped field-effect transistor 115242
Folkman, A.G. *see* Sidhu, T.S. 102229
Folkman, M.A. *see* Willoughby, C.T. 79255
Folkman, M.A. *see* Willoughby, C.T. 89146
Folkmer, B. *see* Weber, J. 89047
Follonier, S. *see* Pan, F. 113283
Follonier, S. *see* Serbutoviez, C. 85620
Follstaedt, D.M. *see* Twesten, R.D. 85456
Folmeg, U. Quality controlling. Economically-oriented quality cost and performance accounting forms the basis for efficient quality controlling 92287
Folomeev, A.A. Contactless bearings of high-accuracy optoelectronic devices 107817
Folsch, J. Amorphe Silizium-Kohlenstoff-Filme fur Dunnschichtsolarzellen auf der Basis von Silylmethanen (Amorphous silicon-carbon films for thin film solar cells on the basis of silylmethane) 61434
Folsch, J. *see* Stiebig, H. 100020
Folsom, A.R. *see* Chambless, L.E. 90468
Foltin, B. *see* Schmidhuber, J. 66943
Foltin, O. *see* Barancok, D. 115438
Foltyn, S.R. *see* Findikoglu, A.T. 106644
Foltyn, S.R. *see* Jia, Q.X. 82613
Fomenko, L.A. *see* Seryanov, Yu.V. 63462
Fomey, J. *see* LaBel, K. 70337
Fomin, E.A. Amplifier of brightening pulses 119789
Fomin, M. *see* Gorniker, E. 100510
Fomin, N.V. *see* Bobyl', A.V. 115968
Fomin, O. *see* Gorobets, V.A. 116358
Fomin, V. *see* Mirzoyan, R. 69894
Fomin, V.V. *see* Goncharov, B.I. 81204
Fominova, E.E. *see* Pirogov, Y.A. 69482
Fominova, E.E. *see* Pirogov, Y.A. 73718
Fominykh, V.I., Wawryszczuk, Ya., Veselov, G.V., Gromov, K.Ya., Lewandowski, M., Potempa, A., Sereeter, Z., Yuldashev, M.B. Spectrometric facility for studying short-lived nuclides 69875
Fon-Der-Flaass, D. A note on greedy codes 117203
Fon-Shan Huang *see* Wan-Thai Hsu 74765
Fonash, S.J. Photons, charging currents, hydrogen, and particle bombardment–the Four Horsemen of Plasma Etching 105671
Fonash, S.J. Integration of thin film electronics and MEMs 106283
Fonash, S.J., Ozaita, M., Okandana, M., Awadelkarim, O.O., Chan, Y.D. A new methodology for monitoring and comparing edge exposure and plasma charging current damage from plasma processing 105975
Fonash, S.J. *see* Aiguo Yin 84403
Fonash, S.J. *see* Howland, W.H. 74471
Fonash, S.J. *see* Okandan, M. 94967
Fonash, S.J. *see* Okandan, M. 105988
Foner, S. The vibrating sample magnetometer: experiences of a volunteer 69103
Fong, F. *see* Maas, S. 83304
Fong, J.C., Cameron, M.M. Integration of substation protection, control and data acquisition systems 91688
Fong, T.K. *see* Cerisola, M. 88575
Fong, T.K. *see* Chlamtac, I. 78735
Fong, T.K. *see* Chung-Li Lu 88611
Fong Li-Wei *see* Li-Wei Fong
Fong Manfai *see* Manfai Fong
Fong Mo-Han *see* Mo-Han Fong
Fong Shi, Brockschmidt, A. Fault tolerant distributed power 70409
Fong Yau Sze *see* Sze Fong Yau
Fongroget, J. *see* Coutand, F. 70071
Fonknechten, D. *see* Dieudonne, M. 78253
Fonollosa, J.A.R. *see* Anton-Haro, C. 119071
Fonollosa, J.A.R. *see* Fonollosa, J.R. 68126
Fonollosa, J.A.Rodriguez *see* Rodriguez Fonollosa, J.A.
Fonollosa, J.R. Positive time-frequency distributions based on joint marginal constraints 97790
Fonollosa, J.R., Fonollosa, J.A.R., Zvonar, Z., Vidal, J. Blind multiuser deconvolution in fading and dispersive channels 68126
Fonollosa, J.R. *see* Anton-Haro, C. 119071
Fonollosa, J.R. *see* Sayrol, E. 77275
Fonrobert, B. *see* Huang, X. 95712
Fons, P. *see* Yamada, A. 64914
Fons, P.J., Niki, S., Yamada, A., Okada, Y., Tweet, D.J. Strain-induced diffusion in heteroepitaxially grown CuInSe$_2$ on GaAs substrates 82605
Fons, P.J. *see* Niki, S. 83879
Fons, P.J. *see* Niki, S. 92685
Fons, P.J. *see* Yamada, A. 82604
Fonseca, A.L.A. *see* Rodrigues, C. 105161
Fonseca, F.C., Muccillo, R. Properties of YBa$_2$Cu$_3$O$_{7-\delta}$-Ag superconductors prepared by the citrate method 115886
Fonseca, H. *see* Rodrigues, L.E.T. 87421
Fonseca, L.G.S. *see* Teive, R.C.G. 102015
Fonseca, L.R.C., Korotkov, A.N., Likharev, K.K. A numerical study of the accuracy of single-electron current standards 88904
Fonseca, L.R.C., Korotkov, A.N., Likharev, K.K. Accuracy of the single-electron pump using an optimized step-like rf drive waveform 106104
Fonseca, P., Cuthbert, L.G., Pitts, J.M. Study of a space priority mechanism for ATM networks using both analytical and simulation techniques 77573
Fonseca, V. High energy cosmic ray astronomy 80114
Fonseka, J.P. *see* Jianxu Shi 77788
Fonstad, C.G. *see* Smet, J.H. 85483
Fonstad, C.G. *see* Woo-Young Choi 116495
Font, J. *see* Giral, R. 113737
Font, J.M. *see* Marrero, J.L.R. 121693
Fontaine, A. *see* Trebossen, R. 90446
Fontaine, B. *see* Tassy, I. 107059
Fontaine, B.L. Recent progress in France on excimer lasers and applications 107120
Fontaine, B.L. *see* Bernard, N. 65023
Fontaine, C. *see* Buhleier, R. 116679
Fontaine, C. *see* Faini, G. 105409
Fontaine, F., Gheeraert, E., Deneuville, A. Conduction mechanisms in boron implanted diamond films 83806
Fontaine, G.A.P., Frietman, E.E.E., Duin, R.P.W. Preventive and predictive machine maintenance using neural networks 110000
Fontaine, J. *see* Stauter, C. 72272
Fontaine, L. *see* Pascal, O. 66002
Fontaine, M., Smith, D.G. Bandwidth allocation and connection admission control in ATM networks 98387
Fontaine, M. *see* Bock, W.J. 106809
Fontaine, M. *see* Tzolov, V.P. 75528
Fontamoto, M., Honda, Y., Hirayama, Y., Itoh, K., Ide, H., Maruyama, Y. High density magnetic recording on highly oriented CoCr-alloy perpendicular rigid disk media 115765
Fontan, F.P., Seoane, A., Isasi, F., Castro, M.V., Baptista, P. An educational approach to land mobile channel modelling 68160
Fontan, F.P. *see* Agelet, F.A. 97143
Fontana, F. *see* Franco, P. 76185
Fontana, F. *see* Midrio, M. 107155
Fontana, F. *see* Persico, V. 75306

Fontana, M., Borghese, N.A., Ferrari, S. Image reconstruction using improved "neural-gas" 117869
Fontana, R.E., Jr., MacDonald, S.A., Ching Tsang, Tsann Lin Submicron trackwidth and stripe height MR sensor test structures 115717
Fontana, S. *see* Almeida, J. 94572
Fontanelli, F. *see* Adam, W. 69709
Fontanesi, P.Cantu e Marcello *see* Cantu e Marcello Fontanesi, P.
Fontcuberta, J. *see* Balcells, L. 110111
Fonte, P. A model of breakdown in parallel-plate detectors 80011
Fonte Dias, V.Da *see* Da Fonte Dias, V.
Fontelo, P.A. Continuing medical education on the World Wide Web 80172
Fontenay, V. *see* Guimbal, P. 96547
Fonteneau, G. *see* Lucas, J. 115990
Fontenille, A. *see* Adam, W. 69709
Fontenille, A. *see* Andrieux, M.L. 69739
Fontenla, D.P., Curran, J., Yaparpalvi, R., Vikram, B. Customization of a radiation management system to support in vivo patient dosimetry using diodes 110914
Fontenla, D.P. *see* Yaparpalvi, R. 80465
Fontenla, E., Pelizzari, C.A., Chen, G.T.Y. Implications of 3-dimensional target shape and motion in aperture design 110915
Fontoura Costa, L.Da *see* Da Fontoura Costa, L.
Fontoura Filho, R.N. *see* Melo, A.C.G. 101741
Fonzari, S. *see* Manzoni, G. 79052
Fonzo, S.Di *see* Di Fonzo, S.
Foo, C.F., Gong, X.H. Determination of winding losses of high frequency planar-type transformer using finite-element method 114354
Foo, K. *see* Wu, X. 89405
Foo, K.C.K. *see* Sagar, V.K. 87139
Foong, H.C. *see* Passerini, S. 81683
Foong Sui Jin *see* Gupta, S.K. 79031
Foord, J.S., Levoguer, C.L., Davies, G.J. An investigation of ZnSe growth by chemical beam epitaxy using modulated beam scattering and related techniques 103883
Foord, J.S., Loh, K.P., Singh, N.K., Jackman, R.B., Davies, G.J. Growth and mechanistic studies of diamond formation by chemical beam epitaxy using methyl and acetylene precursors 103921
Foord, J.S. *see* Jackman, R.B. 72930
Foord, J.S. *see* Whitfield, M.D. 113474
Foose, W.A. *see* Hall, C.J. 109564
Fooshe, D.S. Application of error correction technologies to near-field antenna measurement systems 76574
Foote, B.J. Radiation protection calibration facilities at the National Radiation Laboratory, New Zealand 70292
Foote, J.T. *see* Jones, G.J.F. 97653
Foote, J.T. *see* Jones, K.S. 76873
Foote, K.G. *see* Vagle, S. 88734
Fora, A.A. *see* Abu Safiya, A.S. 60857
Foraker, D. TQM in the electronics industry 103498
Forastiere, M.A., Pelli, S., Righini, G.C., Verciani, A., Gomez-Reino, C., Staronski, L.R., Jaroszewicz, Z. Diffractive structures in integrated optics 95804
Forati, F. *see* Vigneron, J.-P. 97047
Forbes, D.V. *see* Lammert, R.M. 65205
Forbes, D.V. *see* Lammert, R.M. 85322
Forbes, D.V. *see* Smith, G.M. 85469
Forbes, D.V. *see* Turkot, B.A. 114882
Forbes, I.P. *see* Zhou, K.M. 90930
Forbes, J.M. *see* Hernandez, G. 101558
Forbes, L., Lim, W.T., Yan, K.T. Guard ring diodes for suppression of substrate noise and improved reliability in mixed-mode CMOS circuits 73573
Forbes, L. *see* Yan, K.T. 74768
Forbes, L. *see* Yan, K.T. 74771
Forbes, L.K., Crozier, S., Doddrell, D.M. An analysis and optimization of elliptical RF probes used in magnetic resonance imaging 110773
Forbes, L.K. *see* Crozier, S. 85813
Forbes, S.A. *see* Catford, W.N. 69884
Forcella, A. *see* Whittaker, S.J. 67710
Forcey, K. *see* Aylett, B.J. 94844
Forcey, K.S. *see* Giaddui, T. 92971
Forchel, A., Ils, P., Wang, K.H., Schilling, O., Steffen, R., Oshinowo, J. Quantum wires and dots for optical studies 114732
Forchel, A. *see* Adler, F. 114784
Forchel, A. *see* Bacher, G. 62895
Forchel, A. *see* Bayer, M. 62871
Forchel, A. *see* Eisert, D. 75948
Forchel, A. *see* Ils, P. 62921
Forchel, A. *see* Kazantsev, D.V. 74411
Forchel, A. *see* Kerkel, K. 94557
Forchel, A. *see* Orth, A. 107260
Forchel, A. *see* Orth, A. 107325
Forchel, A. *see* Steffen, R. 94547
Forchel, A. *see* Steffen, R. 105427
Forchel, A. *see* Wang, K.H. 62986
Forchhammer, S., Justesen, J. Entropy estimates for simple random fields 66954
Forchhammer, S., Rissanen, J. Partially hidden Markov models 77491
Forchhammer, S. *see* Martins, B. 86733
Forchheimer, R. *see* Mu, F. 86625
Forcht, K., Joerger, R., Gombert, A., Kohl, M., Graf, W. Depolarization effects in ellipsometric measurements of thick layers 79734
Forcier, B. *see* Hicknan, F. 92263
Forcier, R. *see* Hickman, F. 94021
Forcier, R. *see* Monahan, K. 115079
Forcina, A. *see* Cociglio, M. 98966
Ford, A.M., Jacobson, R.E., Attridge, G.G. Characteristics of CRT monitors for the display of still digital images 79607
Ford, C.J.B. *see* Frost, J.E.F. 62934
Ford, C.J.B. *see* Mace, D.R. 63097
Ford, C.J.B. *see* Zailer, I. 105748
Ford, C.W. *see* Collins, J.V. 112941
Ford, C.W. *see* Moodie, D.G. 78707
Ford, C.W. *see* Moodie, D.G. 106863
Ford, C.W. *see* Rogers, D.C. 78692
Ford, D. *see* Casperson, D. 72616
Ford, D. *see* Jeffery, P. 61996
Ford, D.H. *see* Cotter, J.E. 112375
Ford, D.H. *see* Rand, J.A. 112358
Ford, E. *see* Feroci, M. 69768
Ford, G.E. *see* Hong Chen 97811
Ford, G.L. *see* Braun, J.M. 121210
Ford, H.D., Tatam, R.P. Multiplexed sensor network employing birefringent-fibre WDMs 119713
Ford, H.D. *see* Huang, J.-R. 119907
Ford, J., Fang Xu, Fainman, Y. Color-selective planar gratings 65557
Ford, J. *see* Huang, W.M. 106248
Ford, J.A., Moghrabi, L.A. Using function-values in multi-step quasi-Newton methods 60940
Ford, J.E., Krishnamoorthy, A.V., Goossen, K.W., Walker, J.A., Miller, D.A.B., Morrison, R., Lentine, A.L., Hui, S.P., Tseng, Q., Chirovsky, L.M.F., Leibenguth, R., Kossives, D., Dahringer, D., D'Asaro, L.A., Aplin, G.F., Rozier, R.G., Kiamilev, F.E. Optical test of a photonic FIFO page buffer memory 95642
Ford, J.E. *see* Krishnamoorthy, A.V. 65002
Ford, J.M. *see* Neugroschel, A. 63586
Ford, J.M. *see* Neugroschel, A. 74706
Ford, N., Miller, D. Gender differences in Internet perceptions and use 108997
Ford, N.J., Baker, C.T.H. Qualitative behaviour and stability of solutions of discretised nonlinear Volterra integral equations of convolution type 61076
Ford, P.V. *see* Hebert, T.J. 90445
Ford, P.V. *see* Hebert, T.J. 101290
Ford, R. Ancillary services in England and Wales [electricity supply] 91006
Ford, R.A., Hamdan, M.H., Garey, L.E. Effects of coordinate transformation and differencing schemes on matrix structure and convergence history 72657
Ford, R.J. *see* Jillings, C.J. 74083
Ford, S.D., Roggemann, M.C., Welsh, B.M. Frame selection performance limits for statistical image reconstruction of adaptive optics compensated images 77104
Ford, S.J. *see* McKeown, D.M. 70551
Ford, T.R.Pitt *see* Pitt Ford, T.R.
Ford, W.T. *see* Adams, D. 69840
Forde, M. *see* Bolland, O. 92010
Forde, M.C. *see* Davidson, N.C. 70543
Foreman, W. *see* Szymanski, J.J. 110589
Foresman, T. *see* Estes, J.E. 111333
Forest, E. *see* Cai, Y. 79973
Forest, E. *see* Nosochkov, Y. 79976
Forest, E. *see* Warnock, R.L. 89817
Forest, F. *see* Melhem, W. 121666
Forester, L. *see* Van den Bosch, G. 63919
Foresti, G.L. *see* Murino, V. 98054
Foresti, G.L. *see* Murino, V. 108644
Foresti, S.A. *see* Gullberg, G.T. 101323
Foresti, S.A. *see* Zeng, G.L. 80242
Forestier, B. *see* Tassy, I. 107059
Forestier, B.M. *see* Bernard, N. 65023
Forge, S. Re-engineering the telecoms industry 77819
Forge, S. Reshaping tomorrow's telco 118184
Forghieri, F. Granularity in WDM networks: the role of fiber nonlinearities 109664
Forghieri, F., Tkach, R.W., Chraplyvy, A.R., Vengsarkar, A.M. Dispersion-compensating fiber: is there merit in the figure of merit? 85000
Forghieri, F., Tkach, R.W., Favin, D.L. Simple model of optical amplifier chains to evaluate penalties in WDM systems 68530
Forghieri, F. *see* Chraplyvy, A.R. 99580
Forghieri, F. *see* Gnauck, A.H. 88643
Forgotson, N., Khemka, V., Hopwood, J. Inductively coupled plasma for polymer etching of 200 mm wafers 63337
Fork, D.K., Armani-Leplingard, F., Kingston, J.J. Application of electroceramic thin films to optical waveguide devices 116073
Fork, D.K. *see* Armani-Leplingard, F. 76152
Fork, D.K. *see* Kingston, J.J. 96718
Fork, D.K. *see* Mei, P. 94961
Fork, R.L. *see* Scalora, M. 105842
Forkert, R.D. Elements of adaptive wavelet image compression 86751
Forkheim, K.E., Scuse, D., Pasterkamp, H. A comparison of neural network models for wheeze detection 80184
Forlee, C. More for less? Eskom's RDSM program 70700
Forlee, C. A peek at the newly electrified customer 101782
Forma, G., Laheurte, J.M. Compact oscillating slot loop antenna with conductor backing 108022
Forman, G. *see* Kuk, D. 92217
Forman, S.E. *see* Doyle, K.B. 69293
Formato, R.A. Improved feed for the off-centre fed dipole 86014
Formato, R.A. More on the off-centre-fed dipole 117029
Formella, A. *see* Agelet, F.A. 97143
Formenti, F. *see* Barr, G.D. 90213
Formenti, F. *see* Barr, G.D. 100933
Formenti, F. *see* Hallgren, B. 90201
Formenti, F. *see* Hallgren, B. 100956
Formenti, P. *see* Ferri, F. 68887
Formisano, A., Martone, R., Villone, F. A Lagrangian approach to shape inverse electromagnetic problems 65633
Formisano, A., Martone, R., Villone, F. Optimization of the magnetostatic field in SMES devices 106705
Fornaciari, W. *see* Balboni, A. 93226
Fornaciari, W. *see* Basaglia, A. 73614
Fornander, H., Birch, A.J., Hultman, L., Petersson, L.-G., Sundgren, J.-E. Grazing incidence X-ray diffraction studies of the initial growth of Pd on MgO(001) 61217
Fornara, P., Denorme, S., de Berranger, E., Poncet, A., Mouis, M. Physical modelling of thin base n-p-n bipolar transistor with contact silicidation 84320
Fornari, R., Moriglioni, M., Thirumavalavan, M., Zappettini, A., Curti, M., Mignoni, G., Locci, M. Effect of growth parameters on iron incorporation in semi-insulating LEC indium phosphide 61158
Fornari, R., Zappettini, A., Gombia, E., Mosca, R., Curti, M., Chearkaoui, K., Manakchi, G. Semi-insulating behaviour of n-type lightly Fe-doped InP wafers after thermal annealing 94370
Fornari, R. *see* Alvarez, A. 75686
Fornaro, G., Franceschetti, G., Lanari, R. Interferometric SAR phase unwrapping using Green's formulation 70456
Fornaro, G. *see* Coltelli, M. 111083
Fornaro, G. *see* Lanari, R. 111161
Fornasari, N., Rovida, S. Conjugate-Gradients algorithms on a Cray-T3D 82532
Forne, J. *see* Cruselles, E. 67862
Fornel, B.De *see* De Fornel, B.
Fornel, F.de *see* de Fornel, F.
Fornell, G.E. *see* Rene van Dorp, J. 112864
Fornell, J.-O. *see* Yakimova, R. 103980
Fornes, A. *see* Garis, E.J. 89465
Fornes, V. *see* Aparisi, A. 62763
Forni, B. *see* Parsi, K. 75263
Fornier, A. *see* Stolz, C.J. 106923
Fornier, J. *see* De Ley, E. 106869
Fornier, J. *see* Pauwels, H. 89350
Fornier, J. *see* Pauwels, H. 100246
Fornies-Marquina, J.M., Artacho, A.M., Garcia-Gracia, M., Letosa, J. Error propagation for the transformation of time domain into frequency domain 92572
Fornies-Marquina, J.M. *see* Garcia-Gracia, M. 97814
Fornies-Marquina, J.M. *see* Letosa, J. 69475
Forno, R.Da *see* Da Forno, R.
Fornuto, G. *see* Antolino, A. 61267
Fornuto, G. *see* Cinguino, P. 96430
Foroni, R., Gerosa, M., Pasqualin, A., Hoch, J., Giri, G., Pasoli, A., Nicolato, A., Piovan, E., Zampieri, P., Lonardi, S. Shape recovery and volume calculation from biplane angiography in the stereotactic radiosurgical treatment of arteriovenous malformations 110670
Forouhar, S. *see* Monacos, S.P. 78918
Forouhi, A.R., Bloomer, I. Optical characterization of a-Si and a-Si:H 83873
Forouhi, A.R., Li, G.G., Bloomer, I. Optical characterization of ITO films used in flat panel displays 119797
Forouhi, R., Bloomer, I. Optical characterization of surface damage of silicon wafers caused by plasma cleaning 84116
Forrest, G. Beam profiling at 30 Hz for absolute fluence measurement 107457
Forrest, G.T. Field testing industrial and medical excimer laser systems 107073
Forrest, J.R. Convergence in the industry 108905
Forrest, M. *see* Temmerman, W. 118685
Forrest, M. *see* Vanfleteren, J. 114472
Forrest, S.R., Beyzavi, K., Shiau, G.-J., Chao, C.P. Sources and circuits for high performance smart-pixel based optical interconnections 64850
Forrest, S.R. *see* Burrows, P.E. 75747
Forrest, S.R. *see* Chao, C.-P. 96849
Forrest, S.R. *see* Garbuzov, D. 107246
Forrest, S.R. *see* Garbuzov, D.Z. 116194
Forrest, S.R. *see* Gu, G. 64951
Forrest, W.R. *see* Harrison, D.K. 83569
Forrester, J.V. *see* Spencer, T. 110795
Forrester, K. *see* Bray, R. 90414
Forrester, M.G. *see* Hunt, B.D. 75354
Forsberg, C.W., Conklin, J.C. Passive cooling system with temperature control for reactor containments 121328
Forsberg, J. *see* Larsson, U. 69502
Forse, R. *see* Feng, M. 93697
Forse, R. *see* Matthaei, G.L. 83313
Forse, R.J. *see* Matthaei, G.L. 98964
Forsgren, O., Henfridsson, O. Shouldn't we just mind our own business? [product development] 92144

Forsgren, P., Rahkonen, T. Specification of user requirements in SCADA/EMS projects–in search for adequate guidelines 90991
Forshay, S.E. *see* Bosi, M. 68884
Forslund, O., Sjostrand, P., As, B.-O. Methods of reducing the RCS of a tracking radar and it's pedestal 70590
Forsman, K., Kettunen, L. Hybrid and integral formulations for 3D eddy current problems 96946
Forsman, K., Kettunen, L., Nuutinen, J.-P. Properties of b- and h-type integral equation formulations 65676
Forsman, K. *see* Ikaheimo, J. 96934
Forsman, K. *see* Raugi, M. 107723
Forsman, K. *see* Salonen, J. 61080
Forssen, U., Karlsson, J., Kronestedt, F., Almgren, M., Anderson, S. Antenna arrays for TDMA personal communication systems 68233
Forssen, U. *see* Lotse, F. 118978
Forster, A. *see* Appenzeller, J. 63826
Forster, A. *see* Betko, J. 114637
Forster, A. *see* Knupfer, B. 99510
Forster, A. *see* Lauter, J. 80070
Forster, A. *see* Lauter, J. 101031
Forster, A. *see* Leuther, A. 62808
Forster, A. *see* Schmidt, T. 62952
Forster, A. *see* Schonhut, J. 63078
Forster, A. *see* Verghese, S. 95944
Forster, B. *see* Haas, A. 120912
Forster, E. *see* Chang, W.Z. 95632
Forster, G. Design of moulded integrated devices (MIDs) 92200
Forster, H., Nuernbergk, D., Schwierz, F., Schipanski, D. Differences in ac-analysis of $Si/Si_{1-x}Ge_x$ HBTs using drift-diffusion and hydrodynamic based device simulators 94940
Forster, H. *see* Schwierz, F. 115231
Forster, M., Mantz, U., Ramminger, S., Thonke, K., Sauer, R., Kibbel, H., Schaffler, F., Herzog, H.-J. Electroluminescence, photoluminescence, and photocurrent studies of Si/SiGe p-i-n heterostructures 105349
Forster, P. *see* Krim, H. 117330
Forstner, P. Clock distribution in electronic circuits without PLL clock drivers 104652
Forstner, P. Clock distribution in logic circuits without PLLs. II 114048
Forsyth, A. Recognizing algebraic surfaces from their outlines 67200
Forsyth, A.J. Review of resonant techniques in power electronic systems 81580
Forsyth, A.J., Ho, Y.K.E. Dynamic characteristics and closed-loop performance of the series-parallel resonant converter 121556
Forsyth, C.P. *see* Dugan, J.P. 111284
Forsyth, D. *see* Mundy, J. 86795
Forsyth, D.A. *see* Fleck, M.M. 67314
Forsyth, D.A. *see* Mundy, J.L. 77170
Forsyth, E.B., Pappas, G.C., Tuozzolo, J.E., Zhang, W. The RHIC injection fast kicker 100721
Forsyth, E.B. *see* Feng, W.Q. 89776
Forsyth, E.B. *see* Pappas, G.C. 100722
Forsythe, S.E. *see* Piquette, J.C. 120920
Fort, A. *see* Biagi, E. 111364
Fort, C. *see* Fey-den Boer, A.C. 116487
Fort, D. *see* Vilnrotter, V. 66174
Forte, A.R. *see* Kunz, R.R. 105789
Forte, A.R. *see* Palmateer, S.C. 84263
Forte, A.R. *see* Rothschild, M. 105752
Fortenberry, N.L. Under the jeweler's loupe: global engineering education 82120
Fortes, F. *see* Kulke, R. 83455
Fortes, F. *see* Kulke, R. 83483
Fortes, F. *see* Rosario, M.J. 83436
Fortes, J., Mongenet, C., Parhi, K.K., Taylor, V.E. *(editors)* Proceedings. International Conference on Application-Specific Systems, Architectures and Processors 1996 (Cat. No.96TB100068) 103313
Fortet, P., Bellido, M.J., Sivianes, F., Medina, A.V. Multimedia system for instruction and learning electronics 112804
Fortgang, C.M. *see* Carlsten, B.E. 96503
Forth, B. Distributed power quality monitoring using object oriented IED's (intelligent electronic devices) 91080
Forti, F. *see* Mours, B. 100821
Forti, F. *see* Mours, B. 120196
Forti, M. A note on neural networks with multiple equilibrium points 73602
Forti, M.M., Millanta, L.M., Carobbi, C.F.M. Low-frequency transients and impedance in the power mains considering line loading 97187
Fortin, B. *see* Aoucher, M. 62772
Fortin, C. *see* Delansay, P. 109646
Fortin, C. *see* Plais, A. 107318
Fortin, J. *see* Lagace, P.J. 102267
Fortin, R. *see* Rivest, J.-F. 117574
Fortin, V. *see* Carn, M. 63436
Fortino, J. *see* Lewis, P. 107067
Fortmann, C.M., Shimizu, I. Prospects for utilizing low temperature amorphous to crystalline phase transformation to define circuit elements, a new frontier for very large scale integrated technology 94799
Fortmann, C.M. *see* Futako, W. 92894
Fortmann, T.E. *see* Gelfand, S.B. 66611
Fortner, R.W. Earth systems science education: using remote imagery and environmental data access 111112
Fortner, R.W., Mayer, V.J. Constructing Earth system science learning through multidisciplinary studies of global change 112807
Fortov, V.E. *see* Baumung, K. 110480
Fortuna, L., Muscato, G., Nunnari, G., Papaleo, R. A neural networks approach to control the temperature on rapid thermal processing 112871
Fortuna, L. *see* Arena, P. 82901
Fortuna, L. *see* Arena, P. 83286
Fortuna, L. *see* Baglio, S. 93627
Fortuna, L. *see* Caponetto, R. 61564
Fortunate, E., Martins, R. Role of the collecting resistive layer on the static characteristics of a 1D a-Si:H thin film position sensitive detector 100039
Fortunate, G., Pecora, A., Tallarida, G., Reita, C., Quinn, M., Migliorato, P. A comparison of hot-hole induced degradation in thin-film transistors using thermally recrystallised and LPCVD deposited polycrystalline silicon as active layer 63678
Fortunati, L. Geo-data server on WWW 78050
Fortunato, E., Lavareda, G., Martins, R., Soares, F., Fernandes, L. Large-area 1D thin-film position-sensitive detector with high detection resolution 79402
Fortunato, E., Lavareda, G., Soares, F., Martins, R. Performances presented by large-area thin film position-sensitive detectors based on amorphous silicon 69131
Fortunato, E., Soares, F., Lavareda, G., Martins, R. A linear array thin film position sensitive detector for 3D measurements 100025
Fortunato, E. *see* Martins, R. 79403
Fortunato, E. *see* Martins, R. 94379
Fortunato, E. *see* Martins, R. 100024
Fortunato, G. *see* Balzarotti, A. 120138
Fortunato, G. *see* Colalongo, L. 84406
Fortunato, G. *see* Corradetti, A. 84423
Fortunato, G. *see* Rieta, C. 63676
Fortunko, C.M. *see* Boltz, E.S. 111376
Fortunko, C.M. *see* Grandia, W.A. 104207
Fortuny, J. *see* Nesti, G. 111158
Fortusini, D. *see* Banfi, G.P. 85675
Fortusini, D. *see* Banfi, G.P. 119909
Fortusini, D. *see* Tan Huiming 96606
Forty, R.W. *see* Di Ciaccio, L. 100820
Forward, K. *see* Wo, D. 93651
Forward, K. *see* Xie, H.A. 68987
Forys, A. *see* Truchetet, F. 67008
Forys, L.J., Erramilli, A., Wang, J.L. New traffic analysis and engineering methods for emerging technologies 77890
Forzan, M. *see* Dughiero, F. 71900
Forzan, M. *see* Dughiero, F. 96948
Foscolos, M.P., Sideris, M., Nilchan, S. The development and application of an integrated modelling system for lignite quality analysis 71037
Fose, M., Freiershausen, J., Hendrich, T., Schoenemann, T. Investigations of wear on contacts of high-voltage isolating switches 102894
Fosgate, C.H., Krim, H., Willsky, A.S., Irving, W.W., Chaney, R.D. Multiscale segmentation of SAR imagery 119289
Foshee, C.S. Mixed image format environments: comparisons, tradeoffs, and issues 110669
Fosmark, H. *see* Olerud, H.M. 120362
Fosnight, W., Martin, R. Contamination control for flat panel display fabrication 79621
Foss, A.M. *see* Liu, J.Y. 70843
Foss, R., Mosala, T. Routing MIDI messages over Ethernet 78077
Foss, R.C. Implementing application specific memory 73394
Foss, S., Proksch, R., Moloni, K., Dahlberg, E.D., Cheng, Y. Domain structure of iron single crystals grown on Si(111) investigated by magnetic force microscopy 84773
Foss, S. *see* Proksch, R. 84798
Foss, S. *see* Proksha, R. 119843
Fossas, E. *see* Giral, R. 113737
Fossat, F. Testing becomes easy [boundary scan testing] 113816
Fossati, F. Integrated circuits for image resizing 66929
Fossati, F. A new family of clamp amplifiers from Analog Devices 93145
Fossati, F. More pins in less space 103434
Fossati, F. SMT connectors 104923
Fossati, F. Charging and monitoring of batteries 112082
Fossati, G. Adapters for electronic components 114450
Fosso, O.B., Johannesen, A. Security constrained short-term hydro-thermal scheduling in a flexible market environment 102018
Fossorier, M.P.C., Aslanis, J.T. Combined partial response decision feedback equalization and coding for the Lorentzian channel 106601
Fossorier, M.P.C., Lin, S. First-order approximation of the ordered binary-symmetric channel 97545
Fossorier, M.P.C., Shu Lin Computationally efficient soft-decision decoding of linear block codes based on ordered statistics 66278
Fossorier, M.P.C., Shu Lin Coset codes viewed as terminated convolutional codes 108176
Fossorier, M.P.C., Shu Lin, Synders, J. On maximum likelihood soft decision syndrome decoding 66453
Fossum, E. *see* Yadid-Pecht, O. 100125
Fossum, E.R. *see* Beecken, B.P. 99974
Fossum, E.R. *see* Hamamoto, T. 69326
Fossum, E.R. *see* Nixon, R.H. 79146
Fossum, E.R. *see* Panicacci, R. 100123
Fossum, E.R. *see* Panicacci, R. 100124
Fossum, E.R. *see* Panicacci, R.A. 79544
Fossum, E.R. *see* Soli, G.A. 80137
Fossum, E.R. *see* Soli, G.A. 100994
Fossum, J.G. *see* Dongwook Suh 93372
Fossum, J.G. *see* Pelella, M.M. 63660
Foster, C., Van Duesen, H. Extending the range of copper for fiber channel interconnects 73845
Foster, C. *see* Weinstein, R. 115967
Foster, D. *see* Hallmark, J. 84533
Foster, E.F. *see* Deutsch, A. 62454
Foster, G.F. *see* DeLiso, E.M. 89449
Foster, G.J. *see* Gray, J.E. 68548
Foster, G.W., Bertsche, K., Ostiguy, J.-F., Brown, B., Glass, H., Jackson, G., May, M., Orris, D., Gustafson, D. Permanent magnet design for the Fermilab Main Injector Recycler ring 89784
Foster, G.W. *see* Jackson, G. 79818
Foster, G.W. *see* Jackson, G. 79936
Foster, I., Geisler, J., Nickless, B., Smith, W., Tuecke, S. Software infrastructure for the I-WAY high-performance distributed computing experiment 109105
Foster, I., Tuecke, S. Enabling technologies for Web-based ubiquitous supercomputing 109096
Foster, I. *see* Hudson, R. 98284
Foster, J. Kiln drives: past, present and future 82036
Foster, J. *see* Nassiri, A. 90086
Foster, J.D. *see* Bishop, M.T. 81056
Foster, K.R. Electromagnetic field effects and mechanisms 90636
Foster, K.R., Soltys, M., Arnofsky, S., Doshi, P., Hanover, D., Mercado, R., Schleck, D. Radiofrequency field surveys in hospitals 70300
Foster, K.R. *see* Mirotznik, M.S. 66032
Foster, L., Doering, B. Future fabs: manufacturing with 300-mm wafers 103411
Foster, N. *see* Badler, N.I. 80164
Foster, P., Soe Min Tun Modelling waveguide components using mode-matching techniques 62154
Foster, P.R. The region of application in GTD/UTD 65995
Foster, R.J. *see* Beckett, P.M. 82193
Foster, S.E., Mitchell, P.J., Mortimer, R.J., Adcock, P.L. Development and characterisation of a novel electrode fabrication technique for use in solid polymer fuel cells 112311
Foster, T.J. *see* Carmona, H.A. 62820
Foster, T.J. *see* Carmona, H.A. 105259
Foster, T.J. *see* Geim, A.K. 63812
Foster, T.J. *see* McDonnell, P. 63823
Foster, T.J. *see* Nogaret, A. 63033
Foster, T.J. *see* Nogaret, A. 105416
Foster, T.J. *see* Wang, J. 63549
Foster, T.J. *see* Wang, J. 63553
Foster, W.B. *see* Bertsche, K. 89809
Fotedar, L.K., Krishen, K. Plant condition remote monitoring technique 120674
Fotedar, S. *see* Gerla, M. 67670
Fotescu, A. The opportuneness of using the Romanian gas turbines for the combined heat and power production 71157
Foth, H.-J., Huthoff, C., Brenner, M., Farber, S., Stasche, N., Baker-Schreyer, A., Hormann, K. Measuring the motions in the human middle ear by laser Doppler vibrometry 80199
Fothergill, J.C. *see* Goodyer, P.D. 70045
Fothergill, J.C. *see* Houlgreave, J.A. 65720
Fotheringham, G. *see* Cyrusian, S. 92261
Fotheringham, G. *see* Klockau, J. 64582
Foti, E. *see* Salza, P.L. 108203
Foti, G. *see* Musumeci, P. 84102
Fotin, V.P. *see* Perunov, A.A. 96884
Fotopoulos, S. *see* Laskaris, N. 120429
Fotovat, M. Rework in surface mount technology (SMT) 112957
Fottadi, A.A., Kuzin, E.A. Stimulated Brillouin scattering associated with hypersound diffraction in multimode optical fibers 116674
Fotuhi-Firuzabad, M., Billinton, R., Aboreshaid, S. Spinning reserve allocation using response health analysis 101807
Fotuhi-Firuzabad, M. *see* Billinton, R. 70806
Fotuhi-Firuzabad, M. *see* Billinton, R. 80905
Fotuhi-Firuzabad, M. *see* Faried, S.O. 121435
Foty, D. The SPICE FET models: pitfalls and prospects (Are you an educated model consumer?) 82850
Fou, A.C., Onitsuka, O., Ferreira, M., Rubner, M.F., Hsieh, B.R. Fabrication and properties of light-emitting diodes based on self-assembled multilayers of poly(phenylene vinylene) 75746
Fou, A.C. *see* Onitsuka, O. 116271
Fouad, A.A. *see* Aboul-Ela, M.E. 70725
Fouad, A.A. *see* Chih-Ming Lin 70718
Fouad Hanna, V. *see* Begassat, Y. 65991
Fouad Hanna, V. *see* Begassat, Y. 114284
Fouad Hanna, V. *see* Ling, B. 76520
Fouad Hanna, V. *see* Linot, B. 65953
Fouaidy, M. *see* Junquera, T. 100373
Fouaidy, M. *see* Junquera, T. 100495
Fouaidy, M. *see* Maissa, S. 73971
Fouaidy, M. *see* Shu, Q.S. 100497
Fouchard, D., Xie, L., Ebner, W., Megahed, S. Fundamental safety studies of lithium-ion cells 81690
Fouchard, D. *see* Like Xie 112299

Fouchard, D. *see* Xie, L. 81680
Foucher, J.L. *see* Rattay, B. 114311
Foucher, M., Herndon, M., Jawahery, H. A study of the timing characteristics of scintillator counters with fine-mesh photomultiplier tubes 90135
Foucher, M. *see* Bruno, A. 96044
Foucher, M. *see* Dorgeuille, F. 99532
Foucher, M. *see* Kalonji, N. 119137
Fouchet, S. *see* Legay, P. 103935
Foufou, S. *see* Brun, J.M. 60922
Fougeron, C. *see* Ausset, P. 100679
Fouhaily, T.El *see* El Fouhaily, T.
Fouillat, P., Lapuyade, H., Touboul, A., Dom, J.P., Gaillard, R. Numerical modelling of mechanisms involved in latchup triggering by a laser beam 74848
Fouillat, P., Lapuyade, H., Touboul, A., Dom, J.P., Gaillard, R. Numerical modelling of mechanisms involved in latchup triggering by a laser beam 106180
Fouillat, P. *see* Hachicha, I. 115166
Fouilloy, J.P., Sirieix, M.B. History of infrared optronics in France 69312
Foukaraki, V. *see* Aperathitis, E. 115138
Fouks, B.I. Active modes of operation of low-background extrinsic IR detectors 99979
Fouladgar, J. The inverse problem methodology for the measurement of the permeability of the ferromagnetic materials 95355
Fouladgar, J., Develey, G. Non-linear optimization of the positions of the anodes in a DC-furnace 71914
Fouladgar, J. *see* Chentouf, A. 71911
Fouladgar, J. *see* Mimoune, S.M. 71916
Fouladgar, J. *see* Ploteau, J.P. 116823
Foulds, R. *see* Saxe, D. 117911
Foulds, R. *see* Shoupu Chen 101441
Fouletier, X. *see* Kesdogan, D. 118836
Foulger, D. *see* Blood, P. 96248
Foulger, D.A. *see* Thompsen, P.A. 77906
Foulgoc, K.Le *see* Le Foulgoc, K.
Foulk, P.W. *see* Taghizadeh, M.R. 85337
Foulloy, L. *see* Khodja, L. 117700
Foulloy, L. *see* Mauris, G. 110034
Foulon, F., Bergonzo, P., Jany, C., Gicquel, A., Pochet, T. CVD diamond photoconductors for picosecond radiation pulse characterisation 85252
Foulon, F., Brullot, B., Rubbelynck, C., Bergonzo, P., Pochet, T. Comparison of various GaAs materials used for gamma-ray pulses characterisation 80062
Foulon, F., Brullot, B., Rubbelynck, C., Bergonzo, P., Pochet, T. Comparison of various GaAs materials used for gamma-ray pulses characterisation 101018
Foulon, F. *see* Jany, C. 82739
Foulon, G., Ferriol, M., Brenier, A., Cohen-Adad, M.T., Boulon, G. Growth by LHPG, structure and spectroscopy of Nd^{3+}-doped $Ba_2NaNb_5O_{15}$ non-linear single-crystal fibres 116048
Foundas, E. *see* Dass, B.K. 108141
Fountain, G.V. *see* Seybold, J.S. 88762
Fountain, G.V. *see* Seybold, J.S. 98365
Fountas, N.A., Hatziargyriou, N.D. Interactive transient analysis of unsymmetrical faults in industrial plants 71948
Fountas, P. *see* Kalogeras, A. 67759
Founti, M. *see* Doukelis, A. 79755
Fouquet, J.E., Braun, D.M., Trott, G.R. Wavelength-dependent optimum output coupling enhances performance of external-cavity-tuned semiconductor lasers at 1.5 μm 116476
Fouracre, R.A. *see* Banford, H.M. 115435
Fourches, N. *see* Dentan, M. 90222
Fourches, N. *see* Dentan, M. 95214
Fourie, A.P.C., Nitch, D.C. Comparing the sparse iterative method (SIM) with the banded Jacobi and conjugate gradient techniques 116806
Fourie, A.P.C., Nitch, D.C. A fast sparse iterative method (SIM) for method of moments 117006
Fourie, A.P.C. *see* Givati, O. 76560
Fourie, A.P.C. *see* Givati, O. 117010
Fourie, A.P.C. *see* Givati, O. 117037
Fourneau, J.M., Pekergin, N., Taleb, H. An application of stochastic ordering to the analysis of the push-out mechanism 118524
Fournelle, R.A. *see* Nambisan, B.U. 83590
Fournelle, R.A. *see* Schaefer, M. 92182
Fournet, F. *see* Tenoux, T. 68679
Fournier, A., Stevens, D.E. Wavelet multiresolution analysis of numerically simulated 3D radiative convection 101549
Fournier, D., Dang, C. A study of silicone grease characteristics used in power cable accessories 102170
Fournier, D. *see* Nikolovski, J.P. 80684
Fournier, D. *see* Ocariz, A. 104243
Fournier, D. *see* Robertson, C. 70907
Fournier, F. *see* Carter-Coman, C. 82677
Fournier, J.F., II Information overload and technology education 92053
Fourniols, J.Y. *see* Sicard, E. 84584
Fourre, H., Schuler, O., Pesant, J.C., Leroy, A., Cappy, A. Implant isolation for lattice matched InGaAs/InAlAs/InP modulation doped field effect transistor realisation 106059
Fourre, H. *see* Schuler, O. 104835
Fourrier, M. *see* Ben Ayadi, Z. 95479
Foursa, D., Emplit, P. Experimental investigation of dark soliton amplification in an optical fibre by stimulated Raman scattering 64655
Fousek, J., Cudney, R.S., Zgonik, M., Gunter, P. Ferroelectric domain response to photorefractive space charge fields 106361
Fousek, J. *see* Cudney, R.S. 115411
Fouskitakis, G.N., Fassois, S.D. A pseudo-linear method for fractionally integrated ARMA (ARFIMA) model estimation 117501
Fouz, M.C. *see* Arefiev, A. 69787
Fouz, M.C. *see* Arefiev, A. 100805
Fowell, S. *see* Steeples, C. 78137
Fowers, D. *see* Christensen, D. 79294
Fowkes, W.R., Callin, R.S., Tantawi, S.G., Wright, E.L. Reduced field TE_{01} X-Band travelling wave window 100487
Fowkes, W.R., Caryotakis, G., Doyle, E., Jongewaard, E., Pearson, C., Phillips, R., Sackett, J., Wright, E., Bohlen, H., Huffman, G., Lenci, S., Lien, E., McCune, E., Miram, G. 12 MW klystron for Asymmetric Storage Ring B Factory 100416
Fowler, A. *see* Kelkar, N. 82349
Fowler, B. *see* Atluri, V. 63352
Fowler, B. *see* Carpio, R.A. 84113
Fowler, B. *see* Yang, D.X.D. 119725
Fowler, B.W. *see* Carpio, R.A. 83784
Fowler, C. *see* Meier, W. 111251
Fowler, C.J. *see* Delodovici, M.L. 70146
Fowler, E.P. Interference immunity of specialist industrial plant 81218
Fowler, H.J., Murphy, J.W. Network management considerations for interworking ATM networks with non-ATM services 77854
Fowler, J. *see* Newman, D. 78265
Fowler, J. *see* Newman, D. 118482
Fowler, J.E., Yagel, R. Lossless compression of volume data 66560
Fowler, J.F. *see* Rojas, A. 90588
Fowler, J.S. *see* Gene-Jack Wang 90291
Fowler, K.A., Elfbaum, G.M., Smith, K.A., Nelligan, T.J. Theory and application of precision ultrasonic thickness gauging 119879
Fowler, T., Kollman, R., Efland, T., Skelton, D. Multi-megahertz pulse width modulation converters with improved 1 μm p-channel metal oxide semiconductor transistors 104331
Fowler, T. *see* Bodenhamer, G. 91446
Fowler, W. *see* Bogert, D. 79929
Fowler, W.E. *see* Cuneo, M.E. 69683
Fowler, W.E. *see* Menge, P.R. 120122
Fowlkes, J.B. *see* Kaiser, A.R. 80192
Fox, A., Brewer, E.A. Reducing WWW latency and bandwidth requirements by real-time distillation 77964
Fox, A.M., Dabbicco, M., Baumberg, J.J., Huttner, B., Ryan, J.F. $\chi^{(3)}$ Nonlinear susceptibility in II-VI compounds and applications for squeezed light generation in semiconductors 76109
Fox, A.M. *see* Stone, R.J. 105866
Fox, B. *see* Donaldson, G. 90935
Fox, C.L. *see* Coates, D.K. 112206
Fox, C.L. *see* Coates, D.K. 112208
Fox, D., Bowman, D.R., Ball, G.C., Galindo-Uribarri, A., Hagberg, E., Horn, D., Beaulieu, L., Larochelle, Y. Calibration of plastic phoswich detectors for charged particle detection 90136
Fox, D. *see* Burgard, W. 119875
Fox, E.A. *see* Williams, S. 118415
Fox, G. *see* Del Rosario, J.M. 87926
Fox, G.R., Muller, C.A.P., Kuhn, M., Setter, N., Nguyen Hong Ky, Limberger, H.G. Piezoelectric fiber optic modulators and micro-tubes 75593
Fox, G.R., Muller, C.A.P., Setter, N., Ky, N.H., Limberger, H.G. Sputter deposited piezoelectric fiber coatings for acousto-optic modulators 85151
Fox, G.R., Setter, N., Limberger, H.G. Fabrication and structural analysis of ZnO coated fiber optic phase modulators 106794
Fox, G.R. *see* Nguyen Hong Ky 84996
Fox, H. *see* Abt, I. 80025
Fox, H. *see* Abt, I. 100825
Fox, J. *see* Barry, W. 100524
Fox, J. *see* Barry, W. 100607
Fox, J. *see* Claus, R. 100601
Fox, J. *see* Taylor, P. 101249
Fox, J. *see* Teytelman, D. 100523
Fox, J. *see* Wienands, U. 79958
Fox, L.A., Vannier, M.W., West, O.C., Wilson, A.J., Baran, G.A., Pilgram, T.K. Diagnostic performance of CT, MPR and 3DCT imaging in maxillofacial trauma 80245
Fox, M. *see* Ziegler, G. 79277
Fox, M.S. *see* Gupta, L. 112856
Fox, N.P. Radiometry with cryogenic radiometers and semiconductor photodiodes 89078
Fox, N.P., Prior, T.R., Theocharous, E., Mekhontsev, S.N. Solid-state detectors for infrared radiometry 89092
Fox, N.P. *see* Durant, N.M. 89073
Fox, N.P. *see* Hartree, W.S. 89076
Fox, P.T. *see* Jia-Hong Gao 90379
Fox, P.T. *see* Jia-Hong Gao 120345
Fox, R.A., Henson, P.W. Potential ocular hazard from a surgical light source 90556
Fox, R.H. Sensors and instrumentation systems. What do we teach? How do we teach? 72107
Fox, R.M. *see* Zweidinger, D.T. 63905
Fox, R.W. *see* Hollberg, L. 65593
Fox, S. Implementing the emergency alert system: What operators must do, and when 99764
Fox, S.J., Roberts, N.A., Gordon, P.J. Environmental compliance – a boost to the bottom line 60736
Fox, S.P., Grundy, P.J. Magnetic interactions and microstructure in CoCrPt discs 106583
Fox-Murphy, A. *see* Beringer, J. 75766
Foxon, B.N.T. *see* Farnham, T.D. 77791
Foxon, C.T., Cheng, T.S., Hooper, S.E., Jenkins, L.C., Orton, J.W., Lacklison, D.E., Novikov, S.V., Popova, T.B., Tret'yakov, V.V. Molecular beam epitaxy growth kinetics for group III nitrides 82693
Foxon, C.T. *see* Drozdova, S.V. 92742
Foxon, C.T. *see* Hayne, M. 105289
Foxon, C.T. *see* Lutjering, G. 105420
Foxon, C.T. *see* Mamun, A.Z. 63085
Foxon, C.T. *see* Moskalenko, E.S. 83931
Foxon, C.T. *see* Sachrajda, A.S. 105358
Foxon, C.T. *see* Stone, R.J. 105866
Foxon, T. *see* Barnham, K. 102982
Foy, P.R. *see* Wojcik, A.B. 84977
Foyn, B. *see* Wang Xinh 97981
Fraasch, S. *see* Davidovitz, M. 114185
Frabboni, S. *see* Balboni, R. 62811
Fraboni, B. *see* Castaldini, A. 114648
Fracalanza, E. *see* Brett, M.E. 71062
Fracasso, B. *see* Yao, K. 66974
Fracchia, D. *see* Kameda, T. 118092
Fracchia, M. A software package for electric engineering analysis and design 61530
Fracchia, M. *see* Cosulich, G. 91672
Fracchia, M. *see* Cosulich, G. 91904
Frace, T., Brockelman, C. Improving BWR CRD maintenance methods 71101
Fraces, M. *see* Bigue, L. 77191
Fraces, M. *see* Scheer, P. 85197
Frachon, D., Ivanov, P.M., Medvedko, E.A., Vasserman, I., Despe, O., Kang, Y.G. Results of magnetic measurements and field integral compensation for the elliptical multipole wiggler 101001
Frachon, D. *see* Gluskin, E. 101000
Frackowiak, J., Stein, Z. Analysis of operation of induction motors in the tram vehicle drive under lowered voltage in the contact line 112499
Fraenkel, S. *see* Harboe-Sorensen, R. 61877
Fraenkel, Z. *see* Faschingbauer, U. 110557
Fragale, B. *see* Venkatesan, V. 113730
Fragassi Souza, R. *see* Rocha Lauretti, S. 73745
Fragia, K. *see* Gelikonov, V. 120408
Fragniere, E. *see* van Schaik, A. 62108
Fragnito, H.L. *see* Mazzali, C. 64656
Fragnito, H.L. *see* Pontes, M.J. 75833
Fraher, P.M.A. *see* Clarke, D.W. 110105
Fraigi, L. *see* Filippini, D. 62496
Fraile-Ordonez, J.M., Jansche, A., Lemke, N. DGPS positioning of the Russian MIR station: Analysis of visibility conditions, measurement error sources and ground requirements 79054
Fraile-Ordonez, J.M., Lissner, A., Merida, J.C. DGPS for real-time monitoring of wild fires 79053
Fraile-Ordonez, J.N. *see* Jansche, A.M. 90726
Fraile-Pelaez, F.J. *see* Santos, D.J. 116668
Fraissard, D. *see* Adam, W. 69709
Frake, S. *see* Fawcett, B. 113856
Fralick, D.T. *see* Reddy, C.J. 117028
Frampton, K. *see* Dorsett, M.J. 99634
Franaszek, P., Robinson, J., Thomas, J. Parallel compression with cooperative dictionary construction 86225
Franc, J. *see* Belas, E. 74237
Franc, J. *see* Belas, E. 74607
Franca, J. *see* Fernandes, L. 83225
Franca, J. *see* Rocha, D. 104638
Franca, J.E. *see* Franca, N.E. 73067
Franca, J.E. *see* Goes, J. 93509
Franca, J.E. *see* Goes, J. 104628
Franca, J.E. *see* Guilherme, J. 93515
Franca, J.E. *see* Helfenstein, M. 109917
Franca, J.E. *see* Horta, N.C. 93514
Franca, J.E. *see* Neves, R.F. 114140
Franca, J.E. *see* Oliveira, J.P. 104641
Franca, J.E. *see* Paulino, N. 104735
Franca, J.E. *see* Santos, P.F. 73133
Franca, J.E. *see* Santos, P.F. 93556
Franca, J.E. *see* Santos, P.J. 114065
Franca, J.E. *see* Seng Pan, U. 62008
Franca, J.E. *see* Silva, J.B. 93518
Franca, N.E., Viegas, J.L., Lanca, M.A., Franca, J.E. Automatic generation of optimization programs using an electrical simulator with an optimization package 73067
Franca, P.M. *see* da Silva, M.C. 91067
Francavilla, T.L. *see* Selvaggi, J.A. 75370
Francavilla, V. *see* Leconte, A. 98819
France, C.M. *see* Pember, S.J. 79447
Frances, P.O. *see* Correia, L.M. 97113
Frances, P.O. *see* Fernandes, C.A. 97336
Franceschetti, A., Zunger, A. Free-standing versus AlAs-embedded GaAs quantum dots, wires, and films: the emergence of a zero-confinement state 74429
Franceschetti, G., Iodice, A., Migliaccio, M., Riccio, D. On the baseline decorrelation 120689
Franceschetti, G., Tesauro, M., Wall, S. SAR and one-bit coding: new ideas 111102
Franceschetti, G. *see* Coltelli, M. 111083
Franceschetti, G. *see* Fornaro, G. 70456
Franceschetti, G. *see* Lanari, R. 111161

Franceschi, A.S.M.De *see* De Franceschi, A.S.M.
Franceschi, G.De *see* De Franceschi, G.
Franceschi, R.De *see* De Franceschi, R.
Franceschini, G., Tassoni, C., Cavallini, A., Filippetti, F., Pirani, S. A global instrument for on-line induction motor integrity assessment 91529
Franceschini, G. *see* Collamati, L. 121495
Franceschini, G. *see* Filippetti, F. 71305
Franceschini, G. *see* Filippetti, F. 91516
Franceschini, G. *see* Filippetti, F. 91530
Franceschini, G. *see* Filippetti, F. 102710
Franceschini, G. *see* Vagati, A. 112465
Franceschini, R., Mukherjee, A. Data compression using encrypted text 76748
Franceschini, R.W., Mukherjee, A. Data compression using encrypted text 86230
Francescon, P., Cora, S., Colombo, F., Ghelli, G., Silvestri, C., Bernardi, L. Use of digital angiography in localization of target for the radiosurgical treatment of artero-venous malformations 80296
Francesconi, F., Liberali, V., Maloberti, F. A bandpass sigma-delta modulator architecture for digital radio 93516
Francesconi, F., Maloberti, F. A low power logarithmic A/D converter 114018
Francesconi, F. *see* Caiulo, G. 93511
Francesio, L. *see* Franzosi, P. 61274
Franchi, A., Colzi, E., Elia, C., Harris, R.A. COFDM for broadcasting satellites in elliptical orbits 88803
Franchi, A., Howard, G. Inmarsat aeronautical public correspondence services: satellite facsimile and voice-band data for air travellers 88190
Franchi, A., Liu, M. Network channel management system for aeronautical mobile satellite services 88192
Franchi, E. *see* Bellini, A. 108423
Franchi, E. *see* Rovatti, R. 113780
Franchi, G., Gamba, P., Marazzi, A., Mecocci, A. Object tracking in complex scenes by means of the correspondence based method 117883
Franchi, G. *see* Bigongiari, A. 73170
Franchi, G. *see* Bigongiari, A. 100911
Franchi, L. *see* Baggini, L. 101998
Franchi, S. *see* Bogani, F. 62999
Franchina, L. *see* Carotenuto, R. 108337
Franchois, A., De Smedt, R., Allaert, K. Software tools for electromagnetic compatibility on board level 114415
Franchois, A. *see* De Langhe, P. 116939
Franchoo, S. *see* Van Duppen, P. 69686
Francini, F., Ottavi, G., Sansoni, P., Tiribilli, E. Characterisation of fulgides in a solid matrix as recording materials for optical components 107634
Francini, F. *see* Ciamberlini, C. 67390
Franciosi, A. *see* Bratina, G. 72787
Franciosi, A. *see* Calcagnile, L. 65345
Franciosi, A. *see* Calcagnile, L. 74378
Franciosi, A. *see* Herve, D. 75950
Franciosi, A. *see* Lazzarino, M. 74462
Franciosi, A. *see* Li, J.H. 85471
Franciosi, A. *see* Netti, M.C. 105346
Franciosi, A. *see* Pellegrini, V. 76111
Franciosi, A. *see* Prete, P. 62828
Franciosi, A. *see* Sorba, L. 105461
Franciosi, A. *see* Venkateswaran, N. 92811
Franciosi, A. *see* Yang, X. 83891
Franciosi, F. *see* Bucci, G. 109281
Franciotti, D. *see* Cribier, M. 110538
Francis, B. *see* Mirabbasi, S. 117525
Francis, D. *see* Dobinson, R.W. 90233
Francis, D.P. *see* Donaldson, J.D. 65363
Francis, D.P. *see* Donaldson, J.D. 109628
Francis, F. *see* Falco, T. 90826
Francis, L.F. *see* Cooney, T.G. 113410
Francis, L.F. *see* Polla, D.L. 69178
Francis, L.F. *see* Polla, D.L. 115380
Francis, P., Flandre, D., Colinge, J.-P., van de Wiele, F. Comparison of self-heating effects in SOI and GAA devices 94991
Francis-Pelton, L., Pelton, T.W. Teaching by example: using WWW, Usenets and e-mail in a preservice course 92080
Francisco, C.A.de *see* de Francisco, C.A.
Francisco, C.D. *see* Torres, L. 64338
Francisco, C.de *see* de Francisco, C.
Francisco, H.A., Koeneke, K., Wallace, J. The effect of SiO_2 contaminated silver rivets on contact spot degradation under various arcing properties 62420
Francisco, J., Renero, C., Kinoshita, M., Miyazaki, D., Ichioka, Y. Automatic design of reflective block systems 116159
Franck, C.C. Concepts for advanced aluminum welding adaptation techniques for the chemical oxygen iodine laser (COIL) 107672
Franck, G. *see* Ware, C. 86475
Franck, J.B. *see* Riede, W. 106920
Franck, T. *see* Bischoff, S. 96353
Francke, H.-H., Blind, K. Information security in open communication networks: an economic issue? 108999
Francke, J., Wilmes, J. Tendency: positive. German companies take stock of their experiences with certification to ISO 9001 to 9003. I 92286
Francke, J., Wilmes, J. What is the benefit of certification? Companies already running a quality system certified to ISO 9000ff recount their experiences and plans for the future 103490
Francke, T. *see* Barbiellini, G. 69722
Francke, T. *see* Carlson, P. 100810
Francl, J.J. *see* West, J.L. 89415
Franco, G. *see* Boni, A. 114037
Franco, G. *see* Cacciato, A. 114883
Franco, G. *see* Coffa, S. 84087
Franco, P., Fontana, F., Cristiani, I., Zenobi, M., Midrio, M., Romagnoli, M. Clock multiplication in a singly resonant fiber parametric oscillator 76185
Franco, P. *see* Azaro, R. 103146
Franco, P. *see* Gerstenmayer, J.-L. 80140
Franco, P. *see* Midrio, M. 99483
Franco, P. *see* Midrio, M. 107155
Franco, P. *see* Midrio, M. 107610
Franco, P. *see* Picazo, M.L. 90628
Franco, R. *see* Duerinckx, A.J. 111006
Francois, A.R.J., Medioni, G. Generic shape learning and recognition 117688
Francois, B. Neural networks: new tools in power systems? 121059
Francois, B., Cambronne, J.P., Hautier, J.P. Characterization of matrix converters. 1. Organization of the control 81559
Francois, B., Cambronne, J.P., Hautier, J.P. Characterization of matrix converters. 2. Synthesis of switch states 81560
Francois, I. *see* Lepercq, P. 95488
Francois, P. *see* Benabbas, T. 105329
Francois, P. *see* Dubreuil-Chambardel, A. 91280
Francois, P.L. *see* Chartier, T. 65064
Francomano, E. *see* Ala, G. 97177
Francombe, M.H. *see* Choe, J.-W. 74364
Francombe, M.H. *see* Perera, A.G.U. 69160
Francos, J. *see* Friedlander, B. 76689
Francos, J.M., Narasimhan, A., Woods, J.W. Maximum-likelihood parameter estimation of the harmonic, evanescent, and purely indeterministic components of discrete homogeneous random fields 66665
Francos, J.M., Narasimhan, A., Woods, J.W. Maximum-likelihood parameter estimation of discrete homogeneous random fields with mixed spectral distributions 66821
Francos, J.M. *see* Friedlander, B. 67102
Francos, J.M. *see* Friedlander, B. 76939
Francos, J.M. *see* Sriram, R. 108502
Frangi, F. *see* Varesi, E. 115905
Frangis, N., Nejim, A., Hemment, P.L.F., Stoemenos, J., Van Landuyt, J. Ion beam synthesis of β-SiC at 950°C and structural characterization 94711
Frangis, N., Van Tendeloo, G., Van Landuyt, J., Muret, P., Nguyen, T.T.A. Electron microscopy characterisation of erbium silicide-thin films grown on a Si(111) substrate 113335
Frangis, N. *see* Kaltsas, G. 113332
Frangis, N. *see* Muret, P. 114804
Frangos, P., Nikitakos, N., Uzunoglu, N. Electromagnetic field of a plane trapezoid of uniform distribution of current 68602
Frank, A.M., Gillespie, C.H. Laser damage thresholds in fused silica structures light gratings 107626
Frank, D.J. *see* Wind, S.J. 115332
Frank, J. *see* Hoeher, P. 88800
Frank, J.A. *see* Ye, F.Q. 120338
Frank, J.M. Harmonics: how they affect the development and design of "K" factor transformers 91588
Frank, K., Heinrich, S., Pereverzev, S. Information complexity of multivariate Fredholm integral equations in Sobolev classes 61086
Frank, K. *see* Achterberg, N. 62653
Frank, K. *see* Efland, T. 106209
Frank, K. *see* Gortler, A. 62652
Frank, K. *see* Gortler, A. 71563
Frank, K. *see* Gortler, A. 114499
Frank, L.J., Hersman, C.B., Williams, S.P., Conde, R.F. The MSX tracking, attitude, and UVISI processors 80564
Frank, M. *see* Hutchinson, C. 68843
Frank, N. *see* Springholz, G. 61256
Frank, O., Eckhardt, B. Eigenvalue density oscillations in separable microwave resonators 62168
Frank, P., Pulter, N., Ubelhack, C. Decision-effective controlling in a supply undertaking 80847
Frank, P.M. *see* Han, Z. 60679
Frank, P.M. *see* Zhou, D.H. 117362
Frank, R., Waiters, D. MEMS applications in energy management 91263
Frank, R., Walters, D. An update on MEMS applications in energy management 99955
Frank, R. *see* Vaida, V. 81314
Frank, S.S., Ericson, M.N., Simpson, M.L., Hutchinson, D.P., Todd, R.A. A CMOS integrated circuit for pulse-shape discrimination 100939
Frank, T., Haag, M., Kollnig, H., Nagel, H.-H. Tracking of occluded vehicles in traffic scenes 67303
Frank, T. *see* Schwesinger, N. 74986
Frank, U.E. Fully automatic calculation of die-attach voids 114461
Frank, W.A. Sampling requirements for Volterra system identification 108292
Frank, W.F.X. *see* Brunner, S. 64758
Frank, W.F.X. *see* Schosser, A. 68368
Franka, S. *see* Joseph, C.L. 79528
Franke, D. *see* Jahn, E. 96072
Franke, E. Fiber optic sensor for characterization of surface coatings 79458
Franke, E., Wunderlich, J. Practical bit error rate (BER) measurement 99055
Franke, G. *see* Koegst, M. 113823
Franke, H. Optical gas detection with polymer lightguides 110264
Franke, H. *see* Dress, P. 95719
Franke, H. *see* Dress, P. 100052
Franke, H. *see* Kardinahl, T. 96816
Franke, H. *see* Nischwitz, S. 95780
Franke, J.E. *see* Zhang, S. 60689
Franke, K. *see* Martin, G. 90858
Franke, K. *see* Martin, G. 106432
Franke, P.M. *see* Nickisch, L.J. 97070
Franke, S.J. *see* Khattatov, B.V. 120783
Frankel, G.S., Purushothaman, S., Petersen, T.A., Farooq, S., Reddy, S.N., Brusic, A.V. Corrosion and adhesion of multilayer pad structures for packaging applications 60622
Frankel, G.S., Scully, J.R., Jahnes, C.V. Repassivation of pits in aluminum thin films 74595
Frankel, G.S. *see* Brusic, V. 61446
Frankel, J. *see* Abbate, A. 104215
Frankel, K.A. *see* Levy, R.P. 110882
Frankel, M.Y. Optoelectronic techniques for ultrafast device network analysis to 700 GHz 106933
Frankel, M.Y., Matthews, P.J., Esman, R.D. Two-dimensional fiber-optic control of a true time-steered array transmitter 97366
Frankel, M.Y. *see* Glassner, D.S. 78690
Frankel, R. Visual Basic and the Windows DSP RMI simplify access to PC-based DSP resources 93463
Frankel, Y., Gemmell, P., Moti Yung Witness-based cryptographic program checking and robust function sharing 97489
Franken, L. *see* Leydekkers, P. 118591
Frankenfeld, P.J. The IMPACTS curriculum: education for creating citizens in an expert-controlled, changing technological society 92085
Frankenthal, R.P. *see* Comizzoli, R.B. 69007
Frankenthal, R.P. *see* Lobnig, R.E. 61489
Frankish, C.R. *see* Murray, A.C. 117265
Frankish, C.R. *see* Noyes, J.M. 80555
Frankle, C.M. *see* Penttila, S.I. 120006
Franklin, A.R. *see* Van Berkel, C. 100219
Franklin, H. *see* Dolny, G. 69396
Franklin, M. Fast computation of C-MISR signatures 61768
Franklin, M., Saluja, K.K. Testing reconfigured RAM's and scrambled address RAM's for pattern sensitive faults 104544
Franklin, M. *see* Coppersmith, D. 76816
Franklin, M. *see* Cramer, R. 76821
Franklin, M.A., Govindan, V. A general matrix iterative model for dynamic load balancing 113210
Franklin, M.K., Reiter, M.K. The design and implementation of a secure auction service 66536
Franklin, M.K. *see* Reiter, M.K. 76741
Franklin, S. Deriving response time of client/server applications 109022
Franklin, S.E., Wulder, M.A., Lavigne, M.B. Automated derivation of geographic window sizes for use in remote sensing digital image texture analysis 80683
Frankovic, B. *see* Vesely, V. 90965
Frankovic, R., Bernstein, G.H., Clement, J.J. Pulsed-current duty cycle dependence of electromigration-induced stress generation in aluminum conductors 63419
Frankowsky, G., Steuber, F., Harle, V., Scholz, F., Hangleiter, A. Optical gain in GaInN/GaN heterostructures 75985
Franks, A. *see* Stedman, M. 79219
Franks, I.M. *see* Nagelkerke, P. 120262
Franks, R.M. *see* Rimmer, R.A. 100661
Franosch, M. *see* Bock, J. 84566
Franquelo, L.G. *see* Carrasco, J.M. 121695
Franquelo, L.G. *see* Janer, C.L. 97795
Franquelo, L.G. *see* Tombs, J. 114165
Franquelo, L.G. *see* Torralba, A. 73046
Franquelo, L.G. *see* Torralba, A.J. 93068
Franques, V.T., Jain, V.K. Enhanced wavelet-based zerotree coding of images 86752
Franques, V.T., Jain, V.K. Wavelet-based zerotree coding of aerospace images 117732
Franques, V.T., Jain, V.K. Subband coding of images using eigen designed quadrature mirror filters 117782
Franse, J. *see* Herlach, F. 96978
Fransen, M.J., Damen, E.P.N., Schiller, C., van Rooy, T.L., Groen, H.B., Kruit, P. Characterization of ultrasharp field emitters by projection microscopy 73966
Fransen, P. Electronically controlled fault current limiters allow inplant switchgear to be interconnected 91990
Fransen, P. Upgrade of paper machine winders with AC drives and the synchronous rectifier 91994
Fransman, M. The future of Japanese telecommunications 67630
Fransman, M. Information regarding the information superhighway and interpretive ambiguity 87558
Franson, J.D., Jacobs, B.C. Quantum cryptography without optical fibers 119179

Franssila, S., Palmans, R., Stone, M., Maex, K. Dual silicide technology: WSi_x polycide gate and self-aligned $CoSi_2$ source/drain 63423
Fransson, K. *see* Calen, H. 120194
Fransson, K. *see* Ronnqvist, C. 101310
Fransson, M., Johansson, H., Salomon, H., Torstenfelt, B., von Gunten, A., Schurch, E., Flemming, L. Solidification of spent resins at the Muhleberg NPP using the ABB Atom cement volume reduction solidification technology 102387
Franti, P., Kaukoranta, T., Nevalainen, O. On the design of a hierarchical BTC-VQ compression system 98309
Franti, P. *see* Kaukoranta, T. 97538
Frantz, B. *see* Chul, P.P. 98375
Frantz, G.C. *see* Malla, R.B. 100055
Frantzeskakis, L.F., Powell, W.B. Restricted recourse strategies for bounding the expected network recourse function 82452
Franz, A. *see* Contreras, M.A. 103009
Franz, A. *see* Gabor, A.M. 92938
Franz, A. *see* Tuttle, J.R. 112339
Franz, D. *see* Desmond, C.A. 69099
Franz, J., Kasper, M. Superconvergent finite element solutions of Laplace and Poisson equation 65619
Franz, M., Splitt, G., Heinstadt, J., Junqueira, C. Design guidelines for circular polarised microstrip antennas 97335
Franz, U. *see* Luft, A. 107689
Franzen, D.L. *see* Drapela, T.J. 116030
Franzen, D.L. *see* Mechels, S.E. 64661
Franzen, D.L. *see* Mechels, S.E. 64685
Franzen, D.L. *see* Schlager, I.B. 85015
Franzen, F. *see* Reisinger, T. 72774
Franzen, F. *see* Rosenauer, A. 61194
Franzheld, R. *see* Gottschalch, V. 61166
Franzke, B. *see* Schultheis, R. 89957
Franzke, B. *see* Steck, M. 79832
Franzke, B. *see* Steck, M. 120074
Franzke, B. *see* Winkler, T. 79836
Franzo, G. *see* Cardella, G. 110599
Franzo, G. *see* Coffa, S. 116250
Franzo, G. *see* Priolo, F. 114898
Franzon, P. *see* Banerjia, S. 60656
Franzoni, G., Zanino, R. Time-resolved measurements of thermal loads on the FTU limiter 110417
Franzosi, P., Francesio, L., Gennari, S. X-ray diffraction study of lattice strain relaxation in mismatched III-V heteroepitaxial layers 61274
Franzosi, P. *see* Attolini, G. 92733
Franzosi, P. *see* Ferrari, C. 61245
Frapard, B., Zasadzinski, M., Caramelle, L., Darouach, M., Champetier, C. H_∞ controller order reduction technique based on normalized coprime factors for space control systems on board implementation 78618
Frascaria, R. *see* Cohen, S. 120117
Fraser, C.J. Spreadsheet applications for control system modelling and analysis 102737
Fraser, C.S. *see* Minfeng Cheng 77418
Fraser, D. *see* Fang, S. 84140
Fraser, D.J., Hutchinson, M.H.R. A high intensity titanium-doped sapphire laser 65163
Fraser, D.J. *see* Ditmire, T. 107514
Fraser, G.J. *see* Brown, W.O.J. 120758
Fraser, G.W. *see* Castelli, C.M. 101005
Fraser, G.W. *see* Tremsin, A.S. 120199
Fraser, I., Twidell, J.W., Rue, R. Instrumenting, testing and analysing an electric vehicle 91888
Fraser-Smith, A.C. *see* Chrissan, D.A. 116935
Frasier, S. *see* Moller, D. 120835
Fratelli, L., Busatto, G., Spirito, P., Vitale, G. Instabilities and high frequency oscillations in modern power bipolar devices 94937
Fratelli, L., Giannini, C. Dual-voltage high power converter for a distributed power system in heavy traction, using high-voltage IGBT's 122029
Fratelli, L. *see* Busatto, G. 63620
Fratelli, L. *see* Busatto, G. 94926
Fratello, V.J., Licht, S.J., Brandle, C.D. Innovative improvements in bismuth-doped rare-earth iron garnet Faraday rotators 116144
Fratello, V.J. *see* Hong, M. 84029
Fratello, V.J. *see* Levy, M. 75568
Fraternali, M. *see* Autiero, D. 69815
Fraternali, M. *see* Autiero, D. 80006
Frateschi, N.C., Levi, A.F.J. The spectrum of microdisk lasers 96293
Fratkin, M.J. *see* Hackett, M.T. 69996
Fratta, A. *see* Vagati, A. 112465
Fratta, L. *see* Bianchi, G. 78515
Fratta, L. *see* Borgonovo, F. 68077
Fratta, L. *see* Borgonovo, F. 68267
Fratta, L. *see* Borgonovo, F. 78513
Fratta, L. *see* Borgonovo, F. 109465
Fratti, M. *see* Cucchi, S. 66594
Frattura, F. *see* Giuli, D. 111200
Frauchiger, L. *see* Triscone, J.-M. 61195
Frautschi, M.A., Hoeferkamp, M.R., Seidel, S.C. Capacitance measurements of double-sided silicon microstrip detectors 110601
Fray, A. *see* Bamford, L.D. 66148
Fray, R.R. *see* Rayson, J.K. 89434
Frayne, R. *see* Polzin, J.A. 70094
Frazier, A.B. Development of micromachining technologies using electroplated metals 63992
Frazier, A.B. Low temperature IC-compatible wafer-to-wafer bonding with embedded micro channels for integrated sensing systems 84640
Frazier, D.O. *see* Henderson, D.O. 61145
Frazier, G. *see* Randall, J. 115330
Frazier, K.J. Computational fluid dynamics eliminates fires in coal classifiers 102447
Frazier, L.M. Surveillance through walls and other opaque materials 109767
Frazier, L.M. Surveillance through walls and other opaque materials 119283
Frazier, M.J., Little, D.R. Laboratory testing of track signaling system susceptibility to electrical interference 91862
Frazier, S.D., Bonham, C. Suggested practices for reducing animal-caused outages 81108
Frear, D.R. The mechanical behavior of interconnect materials for electronic packaging 82269
Frechet, J.M.J. *see* Lin, Q. 115066
Frederick, R.A., Jr. Measuring the regression of a burning solid propellant 99963
Fredericks, A.A., Wen Jing MASE—an integrated environment for modeling, analysis and engineering of computer/communications systems 77849
Fredericks, A.A. *see* Wen Jing 87498
Fredericks, L.C., Carter, D.C., Coughlin, A., Holford, K.M. Impulsive excitation of steel structures by the electromagnetic acoustic transduction method 93007
Frederickson, A.R. Upsets related to spacecraft charging 70306
Frederickson, M.D. *see* Seitz, M.A. 82295
Frederiksen, F. *see* Safavi, S. 99210
Frederiksen, F. *see* Wigard, J. 99157
Frederikze, H. *see* Ball, A.R. 106573
Frediani, A. *see* Della Santa, A. 113556
Frediani, C. *see* Mariani, T. 69076
Fredin, L. *see* Fink, R.L. 89322
Fredin, L. *see* Kumar, N. 89367
Fredkin, D.R. *see* Kezhao Zhang 75093
Fredley, D.S., Jianlin Li, Quinn, B.M., Bos, P.J. Polymer-stabilized STN devices 110301
Fredley, D.S., Quinn, B.M., Bos, P.J. Polymer stabilized SBE devices 89346
Fredricksen, H., Ritums, D., Wu, N.J., Li, X.Y., Willis, J., Ignatiev, A., Feller, J., Sarma, B.K., Levy, M. Design dependent transition behavior for superconducting transducers and reflectors 106442
Fredrikze, H. *see* van der Graaf, A. 95368
Fredrikze, H. *see* van der Graaf, A. 106543
Free, C.E., Aitchison, C.S. Analysis of microstrip ring structures 62171
Free, C.E. *see* Hong Huang 94143
Freed, A. Codevelopment of user interface, control and digital signal processing with the HTM environment 99810
Freeden, W. *see* Brand, R. 113209
Freedland, R. *see* Benson, D. 95374
Freedman, A., Bose, R., Steinberg, B.D. Techniques to improve the CLEAN deconvolution algorithm 86172
Freedman, A., Bose, R., Steinberg, B.D. Thinned stepped frequency waveforms to furnish existing radars with imaging capability 109709
Freedman, M., Artz, D.S., Seong Ki Mun Image processing in digital mammography: the optimum image for each woman's breasts 80320
Freedman, M., Steller, D., Zuurbier, R.A., Hogge, J., Katial, R., Jafroudi, H., Wu, Y.C., Lo, S.-C.B., Seong Ki Mun Digital mammography: current technology 80378
Freedman, M. *see* Mun, S.K. 80376
Freedman, M.T. *see* Li, H. 70101
Freedman, M.T. *see* Yue Wang 70020
Freedman, N., Pollock, I. Ward round–mobile computing system trial 88150
Freedman, N. *see* Price, J.C. 90314
Freedman, P. *see* Dudek, G. 79713
Freedman, P. *see* Roy, N. 77007
Freehart, R.E. *see* Heinrichs, R.M. 120652
Freeman, A., Evans, D.L., Van Zyl, J.J. SAR applications in the 21st century 68630
Freeman, A. *see* Evans, D.L. 88690
Freeman, A.J. *see* Lieping Zhong 75181
Freeman, A.J. *see* Ruqian Wu 75121
Freeman, A.J. *see* Ruqian Wu 84814
Freeman, A.R., Joshi, S.P. Numerical modeling of PZT nonlinear electromechanical behavior 95277
Freeman, C. *see* DiMarco, D. 73357
Freeman, D., Heacock, D. Advanced charger designs address modern battery technologies 71528
Freeman, D.F., Michelson, A.M. A two-dimensional product code with robust soft-decision decoding 117234
Freeman, D.J. Bandwidth hunger driving high-speed datanets 98764
Freeman, E.M. *see* Chat-Uthai, C. 65730
Freeman, E.M. *see* Hamdi, E.S. 121439
Freeman, E.M. *see* Peddell, J.B. 65702
Freeman, E.M. *see* Pulnikov, A.A. 71261
Freeman, E.M. *see* Ramirez, J.A. 65609
Freeman, E.M. *see* Ramirez, J.A. 97002
Freeman, G.H. *see* Soleimanipour, M. 118031
Freeman, J.D. *see* McLean, J.W. 88713
Freeman, L.B. Critical charge calculations for a bipolar SRAM array 73333
Freeman, L.B. *see* Ziegler, J.F. 72394
Freeman, M.R., Smyth, J.F. Picosecond time-resolved magnetization dynamics of thin-film heads 75255
Freeman, M.R. *see* Elezzabi, A.Y. 79278
Freeman, P.N., Bhattacharya, P., Jaffe, M., Singh, J., Xiangkun Zhang Amplitude-modulation characteristics of barrier-reservoir and quantum-well electron-transfer (BRAQWET) modulators 74438
Freeman, P.N. *see* Dutta, N.K. 76030
Freeman, P.N. *see* Han, H. 96383
Freeman, P.N. *see* Han, N. 116562
Freeman, R. *see* Lipp, R. 113947
Freeman, R. *see* McCauley-Bell, P. 120931
Freeman, S.A. *see* Booske, J.H. 104175
Freeman, W.J. *see* Wright, J.J. 101391
Freeman, W.T., Tanaka, K., Ohta, J., Kyuma, K. Computer vision for computer games 117885
Freeman, W.T. *see* Niyogi, S. 117910
Freemantle, R.J. *see* Challis, R.E. 101623
Freer, B. *see* Tian, S. 94694
Freer, J.A., Beggs, B.J., Fernandez-Canque, H.L., Chevrier, F., Goryashko, A. Automatic video surveillance with intelligent scene monitoring and intruder detection 117875
Freer, R.W. *see* Whitaker, T.J. 103932
Freer, R.W. *see* Whitaker, T.J. 103963
Freeston, I.L. *see* Simpson, J.C. 101359
Fregeolle, M. *see* Medina, A. 105795
Frehel, J. *see* Berrebi, E. 87000
Frehlich, R., Hannon, S.M., Henderson, S.W. Performance of a 2-μm coherent Doppler lidar for wind measurements 80642
Frei, R. *see* Delorme, S. 69791
Freibert, F., Cao, G., McCall, S., Shepard, M., Crow, J.E. Effects of Pr, Tb, and Zn doping into $YBa_2Cu_3O_7$ on magnetoresistivity and magnetic phase boundaries 75301
Freidberg, J.P. *see* Ferri, M.A. 111641
Freiershausen, J. *see* Fose, M. 102894
Freifelder, R., Karp, J.S. A dedicated PET scanner for breast cancer 90427
Freifelder, R. *see* Wear, J.A. 90350
Freifelder, R. *see* Wear, J.A. 101312
Freiler, M.B., Shih, M.C., Kim, S., Levy, M., Herman, I.P., Scarmozzino, R., Osgood, R.M., Jr. Pattern transfer and photoluminescence damage assessment of deep-submicrometer features etched by photon-induced cryoetching 105691
Freiler, M.B. *see* Kim, E. 115041
Freiling, G., Jank, G., Seung-Rae Lee, Abou-Kandil, H. On the dependence of the solutions of algebraic and differential game Riccati equations on the parameter μ 82367
Freimark, M., Hauke, M. Noteworthy damage to gas turbine compressor tubes in plate construction format 102462
Freimuth, H., Hessel, V., Kolle, H., Lacher, M., Ehrfeld, W., Vaahs, T., Bruck, M. Formation of complex ceramic miniaturized structures by pyrolysis of poly(vinylsilazane) 92955
Frein, Y. *see* Bouhchouch, A. 87400
Freire, J.C. *see* Rosario, M.J. 83436
Freire, J.Costa *see* Costa Freire, J.
Freire, M.M., da Silva, H.J.A. Performance assessment of WDM dispersion supported transmission systems using single and double-cavity Fabry-Perot demultiplexers 68405
Freire, M.M., De Carvalho, M.F., Da Silva, H.J.A. Performance implications of three-mirror Fabry-Perot demultiplexers for 10-Gb/s WDM dispersion-supported transmission with 0.5-nm channel spacing 99579
Freire, R.C.S. *see* Oliveira, A. 110108
Freire, R.C.S. *see* Turnell, D.J. 119942
Freire, V.N. *see* Filho, J.R. 114701
Freisleben, B., Merz, P. A genetic local search algorithm for solving symmetric and asymmetric traveling salesman problems 92556
Freisleben, B., Metzger, M. A bottom-up document analysis method for OCR applications 87120
Freisleben, S. *see* Golshani, A. 116535
Freistedt, H. *see* Drusedau, T.P. 92798
Freitas, D. *see* Vasseghi, N. 73439
Freitas, D.S., Prata, A.T., de Lima, A.J. Thermal performance of underground power cables with constant and cyclic currents in presence of moisture migration in the surrounding soil 102157
Freitas, J.F.G.de *see* de Freitas, J.F.G.
Freitas, L.C. *see* Oliveira, R.C. 113779
Freitas, L.C.de *see* de Freitas, L.C.
Freitas, P.P. *see* Chapman, J.N. 84844
Freitas Vieira, J.L. *see* Marcio, A.C. 122076
Freivald, M. Integration and synchronization in complex digital mixed-signal testing 93615
Frej, I. RBS radio signalling system 99241
Frejlich, J., Garcia, P.M., Freschi, A.A. Improving holographic storage in $LiNbO_3$ crystals 95664
Frejlich, J. *see* Garcia, P.M. 116754
Frejlich, J. *see* Shaoping Bian 76127
Frejlich, J. *see* Shaoping Bian 95665
Frekers, D. *see* Annis, P. 80121
Frekers, D. *see* Martellotti, G. 80122
Freltoft, T. *see* Lahtinen, M. 95414
Freltoft, T. *see* Pogrebnyakov, A.V. 75344
Freltoft, T. *see* Pogrebnyakov, A.V. 95448
Fremont, G. *see* Charpentier, G. 99112
Fremont, G. *see* Odland, O.H. 110593
French, B. *see* Arcoumanis, C. 81980
French, C., Acarnley, P. Direct torque control of permanent magnet drives 112459

French, C., Acarnley, P. Control of permanent magnet motor drives using a new position estimation technique 112460
French, D.A., Peterson, T.E. A continuous space-time finite element method for the wave equation 61097
French, I. *see* Murley, D. 92897
French, I.D. *see* Shannon, J.M. 89258
French, M.J. Tadpole: a design problem in the mechanics of the use of sea wave energy 111830
French, P.J. Development of surface micromachining techniques compatible with on-chip electronics 74926
French, P.J., Goosen, J.F.L., de Boer, C., Wolffenbuttel, R.F., Sarro, P.M. A novel technique for strain measurements in encapsulated-layers 82813
French, P.J., van Drieenhuizen, B.P., Poenar, D., Goosen, J.F.L., Mallee, R., Sarro, P.M., Wolffenbuttel, R.F. The development of a low-stress polysilicon process compatible with standard device processing 106258
French, P.J. *see* Gennissen, P.T.J. 84665
French, P.J. *see* O'Halloran, G.M. 89044
French, P.J. *see* Poenar, D.P. 64929
French, P.J. *see* Poenar, D.P. 79431
French, P.M.W. *see* Jones, R. 107627
French, P.M.W. *see* Sutherland, J.M. 75895
French, P.M.W. *see* Tong, Y.P. 65132
French, S., Ebrahimzadeh, M., Miller, A. High-power, high-repetition-rate picosecond optical parametric oscillators for the near- to mid-infrared 65509
French, S., Ebrahimzadeh, M., Miller, A. Visible picosecond pulse generation in a frequency doubled optical parametric oscillator based on LiB_3O_5 85608
French, S., Ebrahimzadeh, M., Miller, A. High-power, high-repetition-rate picosecond optical parametric oscillator tunable in the visible 96649
Frenger, P., Svensson, A. A decision directed coherent detector for OFDM 117958
Freni, A. Plane wave scattering from a cylinder loaded periodically with groups of metallic rings 65757
Freni, A. Scattering from a dielectric cylinder axially loaded with periodic metallic rings 76400
Freni, A., Mias, C., Ferrari, R.L. Finite element analysis of electromagnetic wave scattering by a cylinder moving along its axis surrounded by a longitudinal corrugated structure 65782
Freni, S. *see* Cavallaro, S. 81865
Frenje, J., Conroy, S., Ericsson, G., Kaellne, J., Renberg, P.U., Traneus, E. Deuterated plastic scintillator for proton detection in a neutron background 100817
Frenkel, A., Hirtenfelder, F. Perfectly-matched absorption in finite element analysis of antennas 85953
Frenkel, A. *see* Golovkin, S.V. 80125
Frenkel, A. *see* Koschatzky, K. 103361
Frenkel, A. *see* Martellotti, G. 80122
Frenkel, R.B. *see* Reymann, D. 88901
Frenken, J.W.M. *see* Nishiyama, A. 61209
Frenklach, M. A one-dimensional stochastic model of diamond growth 113458
Frenklakh, M.M. *see* Kozlov, A.D. 79290
Frennberg, M. *see* Haitjema, H. 89492
Frennesson, C., Jakobsson, P., Nilsson, U.L. A computer and video display based system for training eccentric viewing in macular degeneration with an absolute central scotoma 70252
Frensley, W.R., Bowen, R.C., Fernando, C.L., Klimeck, G., Lake, R.K. Quantitatively accurate simulation of quantum semiconductor devices 63827
Frensley, W.R. *see* Deshpande, M.R. 63811
Frensley, W.R. *see* Klimeck, G. 63564
Frensley, W.R. *see* Macks, L.D. 105356
Frentrup, W. *see* Utke, I. 74352
Frenz, M. *see* Pratisto, H. 101412
Frenzel, J.F. *see* Ingermann, E.H. 83054
Frenzell, B., Hanitsch, R., Stephan, R.M. Saturation effects in small brushless DC motors. A simplified approach 121514
Frere, A.F. *see* Marques, M.A. 101142
Frere, A.F. *see* Pereira, A.S. 101140
Frericks, M. *see* de Nivelle, M.J.M.E. 101555
Freris, L. *see* Papantoniou, A. 121053
Freris, L.L. *see* Asbach-Cullen, R.C. 102550
Fresacher, G., Schonwetter, G., Gerhold, J. Actively shielded transportable SMES-systems 103043
Freschi, A.A. *see* Frejlich, J. 95664
Freschi, A.A. *see* Garcia, P.M. 116754
Freschi, A.A. *see* Simon, M. 85251
Freschi, D.J. *see* Micklethawaite, W.F. 74268
Freschi, D.J. *see* Micklethwaite, W.F. 92760
Freschi, G., Garetti, E., Guglielmo, M., Ravera, M., Zabberoni, F. Audio-visual interactive services and video on demand (VOD) 98842
Freschi, M. *see* Salvetti, O. 77506
Frescura, F. *see* Cacopardi, S. 88312
Frescura, F. *see* Cacopardi, S. 97120
Frescura, F. *see* Cacopardi, S. 118770
Fresina, M.A. *see* Stillman, G.E. 84337
Fresina, M.T. *see* Ahmari, D.A. 62236
Fresina, M.T. *see* Thomas, S. 94942
Fretwell, J. *see* Sharma, R. 82588
Fretwell, R. *see* Kouvatsos, D.D. 77585
Fretwurst, E., Dehn, C., Feick, H., Heydarpoor, P., Lindstroem, G., Moll, M., Schuetze, C., Schulz, T. Neutron induced defects in silicon detectors characterized by DLTS and TSC methods 110546
Fretwurst, E., Hildesheim, W., Lindstroem, G., Seidel, M. An investigation into the radiation damage of the silicon detectors of the H1–PLUG calorimeter within the HERA environment 69806
Fretwurst, E. *see* Feick, H. 110544
Fretwurst, E. *see* Wunstorf, R. 110550
Freudenberg, J.S. *see* Elta, M.E. 63389
Freund, A. *see* Dehning, B. 79949
Freund, E., Dierks, F. Map-based free navigation for autonomous vehicles 100312
Freund, H.P. Non-wiggler-averaged theory of short wavelength free-electron lasers 96527
Freund, H.P., Antonsen, T.M., Jr. Principles of free-electron lasers 112677
Freund, H.P., Granatstein, V.L. Long wavelength free-electron lasers in 1995 107403
Freund, H.P., Zaidman, E.G., Antonsen, T.M., Jr. Theory of helix traveling wave tubes with dielectric and vane loading 105078
Freund, H.P., Zaídman, E.G., Kodis, M.A., Vanderplaats, N.R. Linearized field theory of a dielectric-loaded helix traveling wave tube amplifier 105074
Freund, H.P. *see* Blank, M. 96502
Freund, H.P. *see* Blank, M. 107362
Freund, H.P. *see* Jackson, R.H. 65380
Freund, H.P. *see* Jackson, R.H. 96516
Freund, H.P. *see* Kodis, M.A. 62625
Freund, H.P. *see* Pershing, D.E. 94199
Freund, H.P. *see* Taccetti, J.M. 107374
Freund, H.P. *see* Taccetti, J.M. 114521
Freund, J. Asymptotic scaling behavior of block entropies for an intermittent process 76684
Freund, J. *see* Rateitschak, K. 117121
Freund, J.M. *see* Kojima, K. 75991
Freund, R.W., Feldmann, P. Small-signal circuit analysis and sensitivity computations with the PVL algorithm 93025
Freund, U. *see* Schorcht, G. 116889
Freund, Y. *see* Feder, M. 66341
Freundlich, A. *see* Bensaoula, A.H. 105351
Freundlich, A. *see* Vilela, M.F. 103957
Freundorfer, A.P., Falt, C. A Ka-band GaInP/GaAs HBT double balanced upconvert mixer using lumped element balun 83537
Freundorfer, A.P., Jamani, Y., Falt, C. A Ka-band GaInP/GaAs HBT four-stage LNA 83366
Freundorfer, A.P., Jamani, Y., Falt, C. A Ka-band GaInP/GaAs HBT four-stage LNA 83444
Freundorfer, A.P., Nguyen, T.L. Noise in distributed MESFET preamplifiers 99485
Freundorfer, A.P. *see* Nguyen, T.L. 78809
Freundorfer, A.P. *see* Nguyen, T.L. 93885
Freundorfer, A.P. *see* Wong, T.Y.K. 119165
Frey, B.J., Hinton, G.E. Free energy coding 86081
Frey, D. On log domain filtering for RF applications 62005
Frey, D.R. Log domain filtering for RF applications 114052
Frey, D.R., Steigerwald, L. An adaptive analog notch filter using log filtering 104658
Frey, E.C., Ju, Z.-W., Tsui, B.M.W. Reducing reconstruction time for iterative 3-D reconstruction scatter compensation 80233
Frey, E.C. *see* Gregoriou, G.K. 90422
Frey, E.C. *see* Kadrmas, D.J. 101129
Frey, E.C. *see* Kadrmas, D.J. 101287
Frey, E.C. *see* Li, J. 101155
Frey, E.C. *see* Tsui, B.M.W. 80227
Frey, E.C. *see* Tsui, B.M.W. 101150
Frey, H. *see* Khan, H.R. 82746
Frey, H. *see* Khan, H.R. 92861
Frey, H. *see* Silier, I. 113403
Frey, L. *see* Bohm, C. 93891
Frey, L. *see* Lipp, S. 113475
Frey, L. *see* Takai, M. 83740
Frey, R. *see* Buss, C. 94563
Frey, R. *see* Pankoke, R. 75902
Frey, R.E. *see* Arodzero, A. 80036
Frey, T.L., Jr. An approximation for the optimum binary integration threshold for Swerling II targets 99606
Frey, T.L., Jr, Bergen, S.P. An approximation to the optimal M of N detection criteria for non-fluctuating and exponentially fluctuating targets 99611
Frey, U., Meffert, H., Haibach, P., Uestuener, K., Jakob, G., Adrian, H. Transport properties of $Bi_2Sr_2Ca_2Cu_3O_{10+\delta}$ bicrystal grain boundary Josephson junctions and SQUIDs 95441
Frey, W., Schwab, A.J. Performance of laser-triggered rail-gap switches using low-intensity UV laser-radiation 81620
Frey, W., Schwab, A.J. Laser-triggered rail-gap switches with seed-electron generation by photoemission from metal aerosol particles 81621
Frey, W. *see* Oberli, M.T.P. 105098
Freyer, G.J., Hatfield, M.O., Johnson, D.M. Radiated immunity testing using reverberation chambers 97157
Freyer, J., Mayer, B., Tschernitz, M. CAD for MM-wave resonators 62177
Freyer, J. *see* Bauer, T. 93921
Freygang, M., Haffner, H., Messner, S., Schmidt, B. A new concept of a bimetallically actuated, normally-closed microvalve 63985
Freyhardt, H.C. *see* Ullrich, M. 64501
Freyland, J.M. *see* Kiener, C. 62980
Freylikher, V.D. *see* Gaikovich, K.P. 107892
Freyman, B., Kim, M.S., Heo, Y.W. The move to perimeter plastic BGAs 92241
Freysz, E. *see* Buil, S. 76202
Freysz, E. *see* Maleck-Rassoul, R. 76213
Freytag, D.R. *see* Haller, G.M. 90202
Frezza, F. *see* Alei, S. 93728
Frezza, F. *see* Baccarelli, P. 85938
Frezza, F. *see* Baccarelli, P. 115857
Frezza, F. *see* Di Nallo, C. 85946
Frezza, F. *see* Di Nallo, C. 93683
Frezza, F. *see* Di Nallo, C. 117021
Frias, O. *see* Rose, A. 121027
Friaud, M., Cocherel, J. Increasing energy availability and saving time: DIAMOD'S contribution to medium voltage distribution 81606
Friberg, A.T., Popov, S.Yu. Radiometric description of intensity and coherence in generalized holographic axicon images 85731
Friberg, A.T. *see* Fagerholm, J. 106444
Friberg, S.R. *see* Levanon, A. 79743
Friberg, S.R. *see* Levanon, A. 85010
Friberg, S.R. *see* Levanon, A. 95674
Fric, J. *see* Vanecek, M. 94402
Fric, V. *see* Solyom, A. 106621
Frick, G. *see* Osswald, F. 69582
Frick, M. *see* Shock, D. 110805
Fricke, A. Dispatching for magnetic levitation high-speed trains 91892
Fricke, J. *see* Ebeling, H.-J. 121377
Fricke, K. *see* Dehe, A. 88997
Fricke, K. *see* Dehe, A. 89018
Fricke, K. *see* Krozer, V. 83526
Fricke, S. *see* Albayrak, S. 87559
Fricker, R.K. Monitoring HV insulation integrity on-line 121416
Frickey, D.A. Using the inverse chirp-Z transform for time-domain analysis of simulated radar signals 99645
Fricks, R. *see* Dickey, C. 89932
Fricks, R.M. *see* Hunter, S.W. 109067
Friday, A. *see* Cheverst, K. 118341
Friday, A. *see* Davies, N. 87665
Friday, A.J., Blair, G.S., Cheverst, K.W.J., Davies, N. Extensions to ANSAware for advanced mobile applications 98502
Friden, C.-J. *see* Calen, H. 120194
Friden, C.J. *see* Ekstroem, C. 69681
Fridh, D. Mobitex connectivity 68273
Fridkin, V. *see* Palto, S. 84689
Fridkin, V.M. *see* Dam-Hansen, C. 107628
Fridman, V.M., Khutoretsky, H.M., Ryjik, B.V. A numerical simulation of turbine generation rotor system lateral vibrations and its use in condition monitoring system 91458
Fridman, V.M., Kirian, D.G., Privalova, O.V. Diagnostics of turboset stressed-and-strained state at a sudden load change across turbogenerator circuit 91460
Friebe, M. *see* Backer, P. 92289
Friebele, E.J. *see* Merzbacher, C.I. 69201
Friebele, E.J. *see* Sirkis, J.S. 89114
Fried, M. *see* Boher, P. 94697
Fried, M. *see* Khanh, N.Q. 84068
Fried, R., Blecher, Y., Friedman, S. CMOS ESD protection structures–characteristics and performance comparison 63922
Fried, R., Blecher, Y., Friedman, S. CMOS ESD protection structures–characteristics and performance comparison 74838
Fried, R., Enz, C.C. CMOS parametric current amplifier 82969
Fried, R., Python, D., Enz, C.C. Compact log-domain current mode integrator with high transconductance-to-bias current ratio 62069
Fried, R., Rosin, E. A high resolution frequency multiplier for clock signal generation 73516
Frieden, R.M. The impact of boomerang boxes and callback services on the accounting rate regime 87632
Friedenberg, A. Resolution loss caused by display lines replication and interpolation 67334
Friedenberg, A. Aliasing and zero-order hold reconstruction error in the modulation transfer function of a sampled signal 98021
Frieder, O. *see* Nastea, S.G. 86231
Friederes, M. *see* Kneip, M. 109859
Friederich, K. *see* Schroeder, A. 105207
Friederichs, K.J. *see* Lankl, B. 76702
Friedl, M.A. *see* Brodley, C.E. 111132
Friedl, M.A. *see* Brodley, C.E. 120738
Friedland, K.-J. *see* Herfort, J. 105250
Friedland, R., Pannhorst, H.-D., Kulicke, B. Digital Network Model for tests of different equipment in electric power systems 101825
Friedlander, B., Francos, J. On the accuracy of estimating the parameters of a regular stationary process 76689
Friedlander, B., Francos, J.M. The polynomial phase difference operator for parametric modeling of 2-D nonhomogeneous signals 67102
Friedlander, B., Francos, J.M. An estimation algorithm for 2-D polynomial phase signals 76939
Friedlander, B., Zeira, A. Eigenstructure-based algorithms for direction finding with time-varying arrays 66616
Friedlander, B., Zeira, A. Detection of broadband signals in frequency and time dispersive channels 79021
Friedlander, B. *see* Cardoso, J.-F. 117492

Friedlander, B. *see* Porat, B. 66669
Friedlander, B. *see* Weiss, A.J. 66713
Friedlander, B. *see* Weiss, A.J. 86274
Friedlander, B. *see* Weiss, A.J. 97728
Friedlander, B. *see* Weiss, A.J. 117479
Friedlander, B. *see* Yuen, N. 117320
Friedman, A. Managing product development 60507
Friedman, A., Barnard, J., Cable, D., Callahan, D.A., Deadrick, F.J., Eylon, S., Fessenden, T.J., Grote, D.P., Judd, D.L., Kirbie, H.C., Longinotti, D.B., Lund, S.M., Nattrass, L.A., Nelson, M.B., Newton, M.A., Sangster, T.C., Sharp, W.M., Yu, S.S. Progress toward a prototype recirculating induction accelerator for heavy-ion fusion 89692
Friedman, A. *see* Bozoki, E. 100612
Friedman, A. *see* Gluskin, E. 101000
Friedman, A. *see* Grote, D.P. 89693
Friedman, A. *see* Karpenko, V. 89695
Friedman, D., Gupta, S., Zhang, C., Ephremides, A. Innovative networking concepts tested on the advanced communications technology satellite 109582
Friedman, D.J., Bertness, K.A., Kurtz, S.R., Kramer, C., Kibbler, A.E., Olson, J.M. 30.2%-efficient GaInP/GaAs concentrator solar cells 112348
Friedman, E.G. *see* Hahm, M.D. 118852
Friedman, E.G. *see* Neves, J.L. 62001
Friedman, E.G. *see* Neves, J.L. 82873
Friedman, E.J., Landsberg, A.S. Long-run dynamics of queues: stability and chaos 60788
Friedman, H. *see* Phipps, C.R. 80679
Friedman, L.I. *see* Resler, D.P. 64821
Friedman, M., Ma Ming, Kandel, A. Numerical methods for calculating the fuzzy integral 113067
Friedman, M. *see* Burrill, J. 86938
Friedman, M. *see* Kandel, A. 103629
Friedman, M. *see* Kandel, A. 113066
Friedman, P. A change point detection method for elimination of industrial interference in radio astronomy receivers 119351
Friedman, P.S. Materials issues related to large size color plasma displays 89318
Friedman, R. *see* Chubin, D. 103356
Friedman, R. *see* Jacobs, G.D. 120451
Friedman, S. *see* Fried, R. 63922
Friedman, S. *see* Fried, R. 74838
Friedman, T. *see* Mirman, B. 112962
Friedman, V., Lakshmikumar, K.R., Price, D.L., Le, T.N., Kumar, J. A baseband processor for IS-54 cellular telephony 68155
Friedmann, A., Wei, A.D., Bertram, H.N., Wolf, J.K., Swanson, R., Jeffers, F. Experimental analysis of the effects of tape thickness on magnetic recording 75225
Friedmann, A., Wolf, J.K. A sliding threshold detector for the ternary 1-D channel 115814
Friedmann, A. *see* Wei, D. 75226
Friedmann, J.B., Ma, S.-M., McVittie, J.P., Shohet, J.L. Plasma-induced charging damage to MOS capacitor structures in electron-cyclotron-resonance plasmas 63134
Friedmann, J.B., Shohet, J.L., McVittie, J.P., Ma, S.M. Thin-oxide charging damage to microelectronic test structures in an electron-cyclotron-resonance plasma 105670
Friedmann, M., Kotzer, T., Shamir, J. High quality surface measurements using the Gabor expansion 100323
Friedmann, M.D., Deel, D.A. Techniques for transferring uncompressed video faster than realtime 118406
Friedmann, T.A. *see* Talin, A.A. 94171
Friedrich, C., Kikkeri, B. Rapid fabrication of molds by mechanical micromilling: process development 72274
Friedrich, K. *see* Kawrakow, I. 80507
Friedrich, L. *see* Moser, H.O. 79772
Friedrich, L.J., Robbie, K., Dew, S.K., Brett, M.J., Smy, T. Grain oriented thin film microstructure simulator 63467
Friedrich, R., Fischer, J., Stock, M. Accurate calibration of filter radiometers against a cryogenic radiometer using a trap detector 89074
Friedrich, R. *see* Gressmann, A. 102337
Friedrich, R. *see* Schreckenbach, W. 110134
Friedrich, R. *see* Schreckenbach, W. 119607
Friedrich, S. *see* Gaidis, M.C. 69890
Friedrichkeit, H. Changes are chances [PCB market] 72179
Friedrichs, P., Burte, E.P., Schorner, R. Interface properties of metal-oxide-semiconductor structures on n-type 6H and 4H-SiC 74478
Friedsam, H., Penicka, M., Zhao, S. Beamline smoothing of the Advanced Photon Source 89906
Friedsam, H. *see* Cho, Y. 79994
Friel, G.J. *see* Butterworth, S.D. 107220
Friel, G.J. *see* Yang Hongru 65150
Frieling, F. *see* Haas, M. 109575
Friemelt, K., Kulikova, I., Kulyuk, L., Siminel, A., Arushanov, E., Kloc, C., Bucher, E. Optical and photoelectrical properties of ReS$_2$ single crystals 83888
Friend, C.M., Hampshire, D.P. Direct evidence for a change at 50 K in the critical current properties of a $Bi_{2-x}Pb_xSr_2Ca_2Cu_3O_\delta$ tape in high magnetic fields 64519
Friend, C.M. *see* Awan, S.A. 95435
Friend, J. TRACKER: the high-tech solution to vehicle theft 109604
Friend, R.H. *see* Baigent, D.R. 64982
Friend, R.H. *see* Baigent, D.R. 75760
Friend, R.H. *see* Burns, S.E. 75703
Friend, R.H. *see* Cacialli, F. 75759
Friend, R.H. *see* Cervini, R. 72968
Friend, R.H. *see* Greenham, N.C. 75764
Friend, R.H. *see* Grimsdale, A.C. 75702
Friend, R.H. *see* Gruener, J. 75701
Friend, R.H. *see* Halls, J.J.M. 64901
Friend, R.H. *see* Halls, J.J.M. 75723
Friend, R.H. *see* Halls, J.J.M. 96024
Friend, R.H. *see* Jarrett, C.P. 62698
Friend, R.H. *see* Koehler, A. 64944
Friend, R.H. *see* Vestweber, H. 85315
Friends, M. *see* Kowel, S.T. 95852
Fries, R.W. *see* Attili, J.B. 108651
Fries, R.W. *see* Chan, C.L. 108548
Friese, J. *see* Gernhaeuser, R. 69126
Friese, J. *see* Zeitelhack, K. 69712
Friese, M. Polyphase Barker sequences up to length 36 76795
Friese, T. *see* Kruger, B. 74500
Friese, T. *see* Krugger, B. 84000
Friesel, D. *see* Liu, J.Y. 89882
Friesel, D. *see* Pei, A. 100653
Friesel, D. *see* Pei, A. 100654
Friesel, D.L., Lee, S.Y. CIS, a low energy injector for the IUCF cooler 79918
Friesel, D.L. *see* Hedblom, K. 100703
Friesel, D.L. *see* Li, D. 79813
Friesel, M.A. Proposed improvements for torsional wave measurements of density and viscosity 69523
Friesem, A.A. *see* Danziger, Y. 116767
Friesem, A.A. *see* Sharon, A. 116121
Friesem, A.A. *see* Weiss, V. 96812
Friesen, T. *see* Grover, W.D. 108777
Friesen, V.J., Harms, J.J., Wong, J.W. Resource management with virtual paths in ATM networks 118253
Friesinger, G. *see* Darweschsad, M. 95517
Friesinger, G. *see* Sihler, C. 95587
Friessnegg, T., Boudreau, M., Brown, J., Mascher, P., Simpson, P.J., Puff, W. Effect of annealing on the defect structure in a-SiC:H films 105534
Frietman, E.E.E. *see* Fontaine, G.A.P. 110000
Frietsch-Klarhof, M. *see* Althainz, P. 69373
Frieze, A., Jerrum, M., Molloy, M., Robinson, R., Wormald, N. Generating and counting Hamilton cycles in random regular graphs 103645
Frigeri, C. *see* Di Paola, A. 63052
Frigeri, C. *see* Rakovics, V. 107272
Frigerio, J.M. *see* Afif, M. 94183
Frigerio, J.M. *see* Nguyen Van, V. 119898
Frigo, N. *see* Mayweather, D. 99571
Frigo, N.I. Recent progress in optical access networks 78789
Frigo, N.J., Iannone, P.P. Is there a future for WDM in the local loop? 78753
Frigo, N.J. *see* Iannone, P.P. 78938
Frigo, N.J. *see* Iannone, P.P. 88654
Frigo, N.J. *see* Walker, J.A. 119197
Frigui, H., Krishnapuram, R. A comparison of fuzzy shell-clustering methods for the detection of ellipses 67097
Frigui, H., Krishnapuram, R. A robust clustering algorithm based on competitive agglomeration and soft rejection of outliers 86428
Frigui, H., Krishnapuram, R. Surface approximation and range image segmentation through robust competitive clustering 117701
Frigui, I., Alfa, A.S. Approximate method for polling systems with time-limited-based polling tables 77715
Frigyes, I., Molnair, B. New results in diversity modelling: general properties and angle diversity 78339
Frigyes, I., Molnar, B., Juhasz, L., Papp, I., Bodnar, Z., Berces, J., Som, F., Kasa, A. Theoretical and experimental characterisation of the satellite-to-indoor radio channel 85858
Frigyes, I., Schwelb, O., Bgrces, J. Investigations and improvements in microwave opto-electronic variable delay lines 85168
Frihart, C.R., Gordon, R.L. Electrical embedding–new polyamides 115436
Friis, P., Grauballe, J. Wind energy in Denmark and within the Elsam utility area 102548
Friis, T. *see* Jansson, B. 81003
Friis Sorensen, M. *see* Moller, H. 88875
Frijns, R. *see* Kalnitsky, A. 63700
Frikel, M. *see* Bourennane, S. 117485
Frimmel, J. Inverse multiplexing: Tailor-made for ATM 109130
Frimout, E.D., Biemond, J., Lagendijk, R.L. Tape recording of MPEG with trick mode support 68920
Frimout, E.D. *see* De Ridder, A.C. 86573
Frings, P. *see* Herlach, F. 96978
Frings, P. *see* Van Bockstal, L. 96981
Frins, E.M. *see* Ferrari, J.A. 75435
Fripp, A.L., Jr. *see* Barber, P.G. 61136
Frisby, J.P. *see* Garding, J. 67254
Frisch, A.-M. *see* Ferstl, M. 85234
Frisch, J. *see* Adolphsen, C. 89648
Frisch, J. *see* Saez, P. 90076
Frisch, J.C. *see* Tang, H. 120118
Frischeisen, S. Internet firewalls 109079
Frischholz, M. *see* Rottner, K. 106981
Frischmuth, K., Visocky, P., Grundler, P. On modelling heat transfer in chemical microsensors 69021
Friscourt, M.R. *see* Dalle, C. 73730
Friscourt, M.R. *see* Harari, J. 64925
Friscourt, M.R. *see* Harari, J. 93816
Frise, P.R. *see* Jones, K.I. 61510
Frishfelds, V. *see* Medvid, A. 116212
Frishman, G. *see* Bromberg, A. 110233
Frisina, F. *see* Coffa, S. 63585
Frisina, F. *see* Musumeci, S. 113751
Frisoni, M. *see* Laitano, R.F. 101448
Frisson, L. *see* Nijs, J. 103004
Friswell, M.I. *see* Lees, A.W. 102341
Friswell, M.I., Mottershead, J.E. *(editors)* Identification in Engineering Systems. Proceedings of the Conference 92038
Fritsch, A. *see* Piedra, R.M. 61924
Fritsch, C., Sanchez, T., Anaya, J.J., Ibanez, A., Ullate, L.G., Parrilla, M., Izquierdo, M.A.G. A pipelined architecture for high speed automated NDE 111394
Fritsch, R. *see* Albert, R. 80985
Fritsch, U., Wolff, I. Iterative calculation of the spectral-domain Green's function for arbitrary layered anisotropic media and conductors of finite thickness 65940
Fritsche, D., Liu, V., Markandey, V., Heimbuch, S. Integration of today's digital state with tomorrow's visual environment 87565
Fritsche, N. Runtime resolution of feature interactions in architectures with separated call and feature control 67622
Fritschel, P. *see* Bondu, F. 65582
Fritts, D.C. *see* Khattatov, B.V. 120783
Fritz, D., Horvath, I.L., Harzenmoser, M., Neuenschwander, J., Wittgenstein, F. Development of an aluminium stabilised reinforced superconducting conductor 90190
Fritz, D. *see* Gamelin, J. 88652
Fritz, D.I., Hobbs, R.H. Performance of an AOTF: optical routing switch in the presence of cross talk 85167
Fritz, D.J. *see* Jackel, J.L. 78891
Fritz, D.J. *see* Kissa, K.M. 85239
Fritz, D.J. *see* Smith, D.A. 78885
Fritz, D.J. *see* Smith, D.A. 109652
Fritz, I.J., Drummond, T.J., Lee, S.R., Hafich, M.J., Howard, A.J., Briggs, R.D., Vawter, G.A., Armendariz, M.G., Hietala, V.M. Vertical-cavity optical modulator for 1.32 μm grown on a graded (InGaAl)As buffer 116109
Fritz, J.N. Building bandwidth 87991
Fritz, K., Wege, S., Schmitt-Thomas, K.G. Sn-Ag-Ga, a possible lead-free solder alloy 114434
Fritz, L. *see* Karnett, M. 106208
Fritz, M.E. *see* Dale, C.J. 80562
Fritz, M.E. *see* Dale, C.J. 109693
Fritz, W.J., St. John, W.D., Yang, D.K., Doane, J.W. Reflective color of PSCT displays 85143
Fritz, W.J. *see* Leroux, N. 106877
Fritzsch, L. *see* Bluethner, K. 95083
Fritzsche, H., Heck, S., Stradins, P. Dual beam and transient infrared stimulated photoconductivity in hydrogenated amorphous silicon at 4.2 K 95943
Fritzsche, H., Meusel, E., Draugelates, U., Trapp, T.-U. Optimization of the ball-wedge bonding process for use of thick wires on non-precious metal basis 114459
Fritzsche, H. *see* Mailis, S. 116770
Fritzsche, H. *see* Stradins, P. 94241
Fritzsche, H. *see* Xirouchaki, C. 84164
Fritzson, P. *see* Engstrom, K. 87892
Fritzson, P. *see* Persson, T. 88709
Frizzell, R. Flash memories raise new design issues 83106
Frketich, G. *see* Drewell, N.H. 100760
Frobenius, R. *see* Besser, L. 93151
Froberg, N.M. *see* Veselka, J.J. 78945
Frodigh, M., Zander, J. Joint power control in cellular radio systems 88308
Frodigh, M. *see* Almgren, M. 78528
Frodigh, M. *see* Almgren, M. 109553
Froehlich, H.-G. *see* Kashyap, R. 85024
Froehlich, H.-G. *see* Kashyap, R. 106790
Froehlich, M. The high precise permanent positioning service (HPPS) in north Germany: tests and first results 88766
Froehlich, O. *see* Hoogduin, J.M. 120201
Froehlich, O.M. *see* Gross, R. 64557
Froehly, C. *see* Breuil, N. 75693
Froehly, C. *see* Desfarges, A. 76179
Froehly, C. *see* Kermene, V. 76084
Froehly, C. *see* Menard, S. 75899
Froemmichen, T. *see* Rogalla, M. 120146
Froggatt, M. Distributed measurement of the complex modulation of a photoinduced Bragg grating in an optical fiber 106785
Frohberg, W. ATM–universal transmission principle versus optimal resource utilisation. 2 77681
Frohlich, H.-J. *see* Chilla, E. 101586
Frohlich, J. *see* Brand, R. 113209
Frohlich, J. *see* Gassler, H. 72157
Frohlich, P. *see* Laufenberg, X. 103504
Frohlich, R., Rzany, A., Riedmuller, J., Bolz, A., Schaldach, M. Electroactive coating of stimulating electrodes 101407
Frohlinghaus, T., Buhmann, J.M. Real-time phase-based stereo for a mobile robot 117797
Froidevaux, D. *see* Akesson, T. 69833

Froidevaux, L., Read, W.G., Lungu, T.A., Cofield, R.E., Fishbein, E.F., Flower, D.A., Jarnot, R.F., Ridenoure, B.P., Shippony, Z., Waters, J.W., Margitan, J.J., McDermid, I.S., Stachnik, R.A., Peckham, G.E., Braathen, G., Deshler, T., Fishman, J., Hofmann, D.J., Oltmans, S.J. Validation of UARS Microwave Limb Sounder ozone measurements 120781
Froidevaux, L. *see* Fishbein, E.F. 120780
Froidevaux, L. *see* Lahoz, W.A. 120782
Froidure, J.-C., Jaunart, E., Megret, P., Lamquin, M., Blondel, M. Feasibility of AM-VSB CATV optical networks using semiconductor laser diodes 68909
Froidure, J.-C., Lebrun, C., Megret, P., Moeyaert, V., Goerg, P., Tasia, T., Lamquin, M., Blondel, M. Study of distortions in CATV DFB laser diodes 78834
Froidure, J.-C. *see* Megret, P. 78829
Froidure, J.C. *see* Meuleman, L. 68452
Froissard, P. *see* Wegrowe, J.-G. 76559
Froitzheim, K. *see* Wolf, K.H. 78001
Frolkov, O.A. *see* Remnev, A.M. 85481
Frolkov, O.A. *see* Remnev, A.M. 113734
Frolov, A.A. *see* Dianov, E.M. 75472
Frolov, A.N. *see* Samoilov, N.A. 74697
Frolov, A.R. *see* Badura, E. 69804
Frolov, A.R. *see* Badura, E. 120203
Frolov, A.V., Akimova, G.A., Mataibaev, V.V., Romanova, M.P., Seryikh, Yu.P. Practical applications of the phase problem solution 86903
Frolov, A.V., Akimova, G.A., Mataibaev, V.V., Seryikh, Yu.P. Experimental methodology on reconstruction of object fields by phase problem solution 86904
Frolov, M.G. *see* Dmitriev, D.O. 81930
Frolov, M.P. *see* Podmar'kov, Yu.P. 85376
Frolov, N.V., Kudrevatykh, N.V. 2ϕ-type magnetic systems based on permanent magnets 75276
Frolov, O. *see* Likhachev, V.P. 100816
Frolov, V.B. *see* Bukharaev, R.G. 67185
Frolov, Y.N. *see* Borisov, V.P. 116326
Frolov, Yu.N. *see* Borisov, V.P. 65040
Frolov, Yu.V. *see* Lemanov, V.V. 64165
Frolova, L.G. *see* Sergeyev, V.V. 77224
Frolow, I. *see* Kahne, S. 101491
Frolund, P.O. *see* Ulander, L.M.H. 120686
Fromard, F. *see* Proisy, C. 111326
Fromen, C.W. *see* Kezunovic, M. 102924
Fromherz, T., Kruck, P., Helm, M., Bauer, G., Nutzel, J.F., Abstreiter, G. Transverse magnetic and transverse electric polarized inter-subband absorption and photoconductivity in p-type SiGe quantum wells 74431
Fromherz, T., Kruck, P., Helm, M., Bauer, G., Nutzel, J.F., Abstreiter, G. Polarization dependence of intersubband absorption and photoconductivity in p-type SiGe quantum wells 116209
Fromhold, T.M., Wilkinson, P.B., Sheard, F.W., Eaves, L. Quantum chaotic transport in double barrier tunnel structures 62951
Fromhold, T.M. *see* Geim, A.K. 63812
Fromhold, T.M. *see* Sheard, F.W. 63531
Fromm, R.M. *see* Gronowski, P.E. 73468
Fromm, W. *see* Bertsch, J. 102926
Fromme, D. Liberating carrier networks 87600
Fromme, J.W. Energy conservation in the Russian manufacturing industry. Potentials and obstacles 71941
Frontera, F. *see* Gambaccini, M. 90365
Frontera, F. *see* Gambaccini, M. 90433
Froschle, B. *see* Sauter, M. 94912
Frossl, J., Gerlach, J., Kropf, T. An efficient algorithm for real-time symbolic model checking 73030
Frost, D. *see* Wong, T. 95402
Frost, E. *see* Barstow, D. 103343
Frost, J.D., Jr. *see* Chatrian, G.-E. 110854
Frost, J.E.F., Castleton, I.M., Liang, C.-T., Pepper, M., Ritchie, D.A., Linfield, E.H., Ford, C.J.B., Smith, C.G., Jones, G.A.C. One-dimensional ballistic channels with a double and triple barrier longitudinal potential: measurement and model 62934
Frost, J.E.F. *see* Chabasseur-Molyneux, V. 74468
Frost, J.E.F. *see* Hughes, R.J.F. 95019
Frost, J.E.F. *see* Liang, C.-T. 106099
Frost, J.E.F. *see* Zailer, I. 105748
Frost, M.M., Honeyman, J.C., Staab, E.V. Image archive evolution at the University of Florida 110812
Frost, N. *see* Karlgren, K. 66577
Frost, N.I. *see* Khatountsev, A.I. 100096
Frost, V.S. *see* Evans, J.B. 67796
Frost, V.S. *see* Petr, D.W. 67530
Frota Mattos, L.A. *see* Blundo, C. 97512
Frota Mattos, L.A. *see* Blundo, C. 108142
Frotscher, U., Rossow, U., Ebert, M., Pietryga, C., Richter, W., Berger, M.G., Arens-Fischer, R., Muender, H. Investigation of different oxidation processes for porous silicon studied by spectroscopic ellipsometry 94250
Frotscher, U. *see* Thonissen, M. 105652
Frouhar, V. *see* Palta, J.R. 90593
Frouin, F. *see* Gregoire, M.-C. 101324
Frouin, F. *see* Pelegrini, M. 80225
Frouin, V. *see* Mangin, J.-F. 110757
Frouin, V. *see* Trebossen, R. 90446
Froumin, N. *see* Mollah, S. 95434
Frowd, R. *see* Grubauer, W. 81337
Froyen, L. *see* Wevers, M. 113617
Froyen, S., Zunger, A., Mascarenhas, A. Polarization fields and band offsets in GaInP/GaAs and ordered/disordered GaInP superlattices 62733
Frucci, M., Marcelli, A. Computing line representations of ribbonlike objects 87108
Fruchart, D. *see* Grandjean, F. 64213
Fruchart, D. *see* Isnard, O. 64221
Fruchart, D. *see* Isnard, O. 64325
Fruchting, H. *see* Kattenbach, R. 97117
Fruchtman, A. *see* Jerby, E. 107032
Fruhauf, S. *see* Ruffler, D. 118632
Fruhauf, U. Data acquisition and test system with self-diagnosis 110030
Fruhwirth, O. *see* Macher, A. 104893
Frukacz, Z. *see* Kaczmarek, S. 107179
Frullone, M. Technological challenges on the way of future mobile radio communications 119067
Frullone, M., Carciofi, C., Riva, G., Grazioso, P. Interference analysis and planning requirements for data over voice in cellular systems 99296
Frullone, M., Grazioso, P., Passerini, C., Riva, G. Usage of adaptive arrays to solve resource planning problems 109494
Frullone, M. *see* Carciofi, C. 109488
Frullone, M. *see* Corazza, G.E. 97108
Frullone, M. *see* Passerini, C. 118966
Frumento, P. *see* Barabino, M. 70967
Frumkin, I. *see* Chechik, R. 80151
Frunzio, L. *see* Castellano, M.G. 106698
Fruth, B., Bennett, A. On-line diagnosis and monitoring of rotating machine insulation 121437
Fruth, B.A., Gross, D.W. Tools and sensors for flexible on-line diagnosis of high voltage insulation systems 102648
Fruth, B.A. *see* Henningsen, C.G. 121167
Frutschi, H.U. Optimal utilization of the work potential of fuels and renewable energy with combined cycle power plants 91265
Fry, H.W. *see* Schaffer, W.J. 114919
Fry, J.R. *see* Bennet, J.M. 90165
Fry, M. *see* Jha, S. 98853
Fry, M. *see* Richards, A. 77754
Fry, M. *see* Richards, A. 98456
Frye, R. *see* Dromgooole, D. 61652
Frye, R.C., Hui, C.L., Johnson, M.G. Crosstalk noise in a mixed-signal silicon-on-silicon multichip module 94136
Frye, R.C. *see* Rietman, E.A. 63323
Frye, R.C. *see* Zu, L. 94130
Frye, R.E., Ledley, R.S. Pre-processing stereo transparent images: extraction of non-transparent regions by variable length pattern correspondence 70081
Fryer, P. *see* Tsujimura, T. 89268
Fryer, P.A., Henwood, D.J. New pipe and horn modelling 68933
Fryer, P.M., Jenkins, L., John, R., Kuo, Y., Lien, A., Nywening, R., Owens, B., Palmateer, L., Rothwell, M.E., Souk, J., Wilson, J., Wright, S., Batey, J., Wisnieff, R. A high resolution copper gate TFT/LCD process 89321
Frysz, C.A., Xiaoping Shui, Chung, D.D.L. Carbon filaments and carbon black as a conductive additive to the manganese dioxide cathode of a lithium electrolytic cell 112194
Frysz, C.A., Xiaoping Shui, Chung, D.D.L. Use of carbon filaments in place of carbon black as the current collector of a lithium cell with a thionyl chloride bromine chloride catholyte 112195
Frysz, C.A., Xiaoping Shui, Chung, D.D.L. Use of submicron carbon filaments in place of carbon black as a porous reduction electrode in lithium batteries with a catholyte comprising bromine chloride in thionyl chloride 112197
Frysz, C.A. *see* Xiaoping Shui 112301
Fryszczyn, B. *see* Eager, G.S. 121176
Fu, A.M.N., Hong Yan A shape classifier based on Hopfield-Amari network 108589
Fu, A.M.N., Hong Yan Shape representation and classification by the Hopfield-Amari network 117612
Fu, C.M. *see* Hsieh, M.C. 64503
Fu, C.Y., Petrich, L., Law, B. Neural manufacturing: A novel concept for processing modeling, monitoring, and control 60560
Fu, F.H. *see* Rudy, T.W. 110652
Fu, G.H. *see* Young, T.F. 63090
Fu, H. *see* Hatamoto, C. 68999
Fu, J., Vorburger, T.V., Ballard, D.B. The calibration of scanning electron microscope magnification standards SRM484 119519
Fu, L.P. *see* Ryu, S.R. 105372
Fu, P., Mi, X., Yu, Z., Jiang, Q., Li, X. Beam-size effect in time-delayed laser-induced double gratings 96618
Fu, P.M. *see* Feng, W. 65505
Fu, S., Ide, M. A study on frictional heat of welding surface and heat due to internal loss in ultrasonic plastic welding 80697
Fu, S.-L. *see* Huang, Y.-J. 104978
Fu, S.T., Flynn, M.J. Optimal on-chip cache hierarchy synthesis with scaling of technology 104541
Fu, S.W., Wu, Z.S., Zhang, X.R., Zhang, S.Y., Zhang, Z., Chen, H.L. Ultrasonic transducer study for photoacoustic calorimetry 111371
Fu, S.Y. *see* Weng, W.T. 79872
Fu, W.N. *see* Ho, S.L. 111963
Fu, W.N. *see* Ho, S.L. 111964
Fu, W.S. *see* Yung-Cheng Lee 96300
Fu, Y., Gilson, E., Debanche, J.L., Labrique, F., Buyse, H. Current control in fully digital VSI fed SMPM synchronous motor drive systems 121973
Fu, Y., Willander, M. Energy band diagrams of nano-size field-effect transistors 106108
Fu, Y. *see* Ouacha, H. 114816
Fu, Y. *see* Willander, M. 114791
Fu, Y.H. Simulation study on the switching transients during de-energisation of filter and capacitor banks 70852
Fu Changgeng *see* Xie Youxin 119117
Fu Che-Ming *see* Che-Ming Fu
Fu Chiayu *see* Chiayu Fu
Fu Ensheng *see* Hu Suxing 65373
Fu Ensheng *see* Hu Suxing 76044
Fu Ensheng *see* Ensheng Fu
Fu Fang-Wei *see* Fang-Wei Fu
Fu Guangjie, Huang Shenghua, Zhang Guoping, Shen Yongping, Ye Jiaxiong Novel passive ranging method using pixel dither 77349
Fu Guangjie *see* Huang Shenghua 91790
Fu Han *see* Han Fu
Fu Jiang Liao, McMillan, R.W. Optical phase and frequency control of FET oscillator by low frequency signal 73142
Fu Jianjun *see* Jianjun Fu
Fu Jun, Tian Lilin, Tsien Peihsin, Lo Taichin An analytic threshold-voltage model for fully-depleted SOI MOSFET 105965
Fu Lei Tan *see* Tan Fu Lei
Fu Li *see* Pan-Tai Liu 86241
Fu Liyan, Yu Songyu The dynamical analysis of diffusion 98195
Fu Qin *see* Hongfa Luan 84073
Fu Shaojun *see* Ma Shaojie 64776
Fu Shelton *see* Shelton Fu
Fu Shen-Li *see* Shen-Li Fu
Fu Shinian *see* Wang Sheng 69659
Fu Shinian *see* Wang Sheng 105006
Fu Shinian *see* Yang Tianlu 96482
Fu Shinian *see* Shinian Fu
Fu Sijing, Luo Chun, Liang Lizhen A simple and direct method for numerical solution of characteristic equation in step index multi-mode optical fiber 64721
Fu Sijing, Luo Chun, Liang Lizhen A simple and direct method for numerical solution of characteristic equation in step index multi-mode optical fiber 64722
Fu Ta-Chang *see* Ta-Chang Fu
Fu Weihui *see* Huang Jiayu 90952
Fu Yanhong *see* Wang Jun 77115
Fu Yen *see* Yen Fu
Fu Ying *see* Li Xinyuan 90924
Fu Ying *see* Ying Fu
Fu Zhengcai *see* Li Feng 81507
Fu Zhu Bing *see* Bing Fu Zhu
Fu-Cheng Wang, Zhang, W.E., Yang, C.H., Yang, M.J., Bennett, B.R. Observation of electrically resettable negative persistent photoconductivity in InAs/AlSb single quantum wells 105309
Fu-Cheng Wang *see* Yang, M.J. 84458
Fu-Cheng Wang *see* Zhang, W.E. 105952
Fu-Chiang Tsui *see* Mingui Sun 80180
Fu-Chien Kao *see* Shi-Lin Chen 81962
Fu-Ching Wang *see* Meng-Huang Lee 68855
Fu-Ching Wang *see* Meng-Huang Lee 68856
Fu-Fuh Chen *see* Wu-Jhy Chiu 119080
Fu-Hua Chou, Cheng-Seen Ho Modeling complex systems by causal fuzzy networks 121287
Fu-Lai Chu *see* Wen-Pin Liao 92963
Fu-Neng Ku *see* Zheng-Ming Ge 120618
Fu-Nian Ku Structured design of third-order, type-2 and type-3 PLLs 83001
Fu-Nian Ku Analyze direct PN-sequence signals in the time domain 89201
Fu-Nian Ku The pull-out range and noise bandwidth of third order PLL 93190
Fu-Nian Ku PLL design. 1. Time-domain method analyzes high-order PLLs 104404
Fu-Quan Huang *see* Huang Fu-Quan
Fu-Quan Wang, Costello, D.J., Jr. Construction of trellis codes at high spectral efficiencies for use with sequential decoding 66333
Fu-Quan Wang, Costello, D.J., Jr. Robustly good trellis codes 86038
Fu-Sheng Lu, Choun-Li Tu An improved computation of the pseudo Wigner-Ville distribution and its applications 77233
Fua, P. Cartographic applications of model-based optimization 66870
Fua, P., Leclerc, Y.G. Image registration without explicit point correspondences 77312
Fua, P., Leclerc, Y.G. Taking advantage of image-based and geometry-based constraints to recover 3-D surfaces 98051
Fua, P. *see* Bignone, F. 67227
Fua, P. *see* Neuenschwander, W. 77181
Fual, P., Brechbuhler, C. Imposing hard constraints on soft snakes 67304
Fuch Chiou-Shann *see* Chiou-Shann Fuch
Fucheng Lin *see* Huimin Liu 85658
Fucheng Lin *see* Lin Fucheng
Fuchigami, N. *see* Sakamoto, K. 105992
Fuchigami, T., Komatsu, T., Saito, T. Adaptation of IFS image coding with a distortion-rate cost function 117832
Fuchino, S., Ishii, I., Okano, M., Tamada, N. Investigation of mixed convection caused in superconducting generators 102605

Fuchino, S. *see* Higuchi, N. 102606
Fuchino, S. *see* Ishii, I. 102600
Fuchino, S. *see* Nomura, H. 95572
Fuchino, S. *see* Okano, M. 95618
Fuchs, A. *see* Sauer, M. 110592
Fuchs, A. *see* Singer, S. 93125
Fuchs, B. *see* Spallas, J.P. 119658
Fuchs, C. *see* Antoni, F. 92831
Fuchs, C. *see* Faschingbauer, U. 110557
Fuchs, E.F. *see* Lin, D. 81447
Fuchs, E.F. *see* You, Y. 81529
Fuchs, F., Herres, N., Schmitz, J., Pavlov, K.M., Wagner, J., Koidl, P., Roslund, J.H. InAs-GaSb superlattices characterized by high resolution X-ray diffraction and infrared optical spectroscopy 74444
Fuchs, G., Krabbes, G., Schaetzle, P., Stoye, P., Staiger, T., Mueller, K.-H. High trapped fields in melt-textured YBCO samples 115959
Fuchs, H. *see* Winklhofer, E. 89552
Fuchs, H.-J. *see* Duparre, M. 96582
Fuchs, H.-J. *see* Golub, M.A. 76094
Fuchs, H.-J. *see* Veith, M. 115884
Fuchs, H.D. *see* Dubon, O.D. 62675
Fuchs, H.J. *see* Bluethner, K. 95083
Fuchs, H.V. *see* Zha, X. 119956
Fuchs, J., Ward, K.D., Tulin, M.P., York, R.A. Simple techniques to correct for VCO nonlinearities in short range FMCW radars 99638
Fuchs, J. *see* Feit, Z. 75938
Fuchs, J.-J. Rectangular Pisarenko method applied to source localization 117308
Fuchs, M. A very low cost and small sized 5.8 GHz synthesized signal source on PCB for automatic toll debiting and traffic control systems designed with state of the art linear and nonlinear CAD tools 68628
Fuchs, P. *see* Bordas, J.C. 92133
Fuchs, W., Fischer, G. Arc segment attitude reference–ASAR 120619
Fuchs, W. *see* Borys, M. 69489
Fuchs, W. *see* Salewski, K.D. 69488
Fuchs, W.K. *see* Boppana, V. 93037
Fuchs, W.K. *see* Boppana, V. 104424
Fuchs, W.K. *see* Dong Xiang 83085
Fuchs, W.K. *see* Neves, N. 108847
Fuchs, W.Kent *see* Kent Fuchs, W.
Fuchuan Sun, Lingyu Chen Identification of fixations in reading eye movements by a multi-layer neural network 66963
Fucili, G. *see* Rossi, A. 73470
Fuda, M. *see* Gomi, J. 78608
Fuda, Y., Ono, H., Kumasaka, K., Katsuno, T. Multilayer ceramic transformer using piezoelectric transverse effect 119800
Fudem, H. *see* Strack, D. 84215
Fudge, G.L., Linebarger, D.A. Derivative constraints for high resolution direction finding with correlated interferers 117386
Fudo, H., Uemura, K., Toyota, A. The characteristics and behavior of low voltage apparatuses to voltage variation 71222
Fudoji, H. *see* Kobayashi, M. 113550
Fudou, H., Kawasaki, Y., Egawa, S., Shinozaki, K., Abe, N., Toda, K. Development of a distribution line state monitoring system 111604
Fudou, H., Kawasaki, Y., Kishio, S., Egawa, S., Matsuike, T., Honda, Y. The development of useful components, maintenance methods and operation procedure for optical multi-drop network were used for integrated automation distribution system 111609
Fuellen, G. *see* De La Vega, F.M. 98708
Fuente, J.I.de la *see* de la Fuente, J.I.
Fuente, J.L.de la *see* de la Fuente, J.L.
Fuente, M.C.de la *see* de la Fuente, M.C.
Fuentes, M. *see* Henry, J.P. 68659
Fuentes, M. *see* Moruzzis, M. 70593
Fuentes, O. *see* Jagersand, M. 67315
Fuentes, R., Belendez, A., Fimia, A. Diffraction efficiency and signal-to-noise ratio of multiplexed volume phase holograms recorded in a photographic emulsion 95646
Fuentes, R., Pascual, I., Belendez, A., Fimia, A. Spatial frequency multiplexed diffuse-object holograms of N object waves recorded in bleached silver-halide emulsions 96792
Fuentes, R. *see* Belendez, A. 115991
Fuentes, R. *see* Fimia, A. 96779
Fuentes-Cabrera, M. *see* Rodriguez-Hernandez, P. 62796
Fuerst, C.D. *see* Kalogirou, O. 64324
Fuerst, C.D. *see* Kamarad, J. 64246
Fuerst, R.A., Torruellas, W.E., Lawrence, B.L., Stegeman, G.I. Beam clean-up utilizing spatial optical solitary waves in KTP 107615
Fuerstenau, H., Ilie, S., Joram, C., Lenzen, G., Tobar, M.J. Separation of fluorocarbons in the fluid systems of the DELPHI Barrel RICH detector 69740
Fuerstenau, H. *see* Adam, W. 69709
Fuerte-Esquivel, C.R., Acha, E. Newton-Raphson algorithm for the reliable solution of large power networks with embedded FACTS devices 121121
Fuerte-Esquivel, C.R. *see* Acha, E. 90928
Fuerte-Esquivel, C.R. *see* Tan, S.G. 91052
Fugger, J. *see* Laska, T. 106001
Fugger, M. *see* Noll, M. 110986
Fugger, M. *see* Vana, N. 110991
Fugger, M. *see* Vana, N. 110996
Fugitt, J. *see* Benson, S.V. 96445
Fugitt, J. *see* Benson, S.V. 107358
Fugitt, J. *see* Dylla, H.F. 76067
Fugitt, J. *see* Liu, H. 90083
Fugitt, J. *see* Merminga, L. 100625
Fugitt, J. *see* Neuffer, D.V. 79877
Fuglesang, C. *see* Carlson, P. 100810
Fuglistaler, S. *see* Small, D. 111081
Fuglsang-Frederiksen, A., Johnsen, B., Vingtoft, S., Carvalho, M., Fawcett, P., Liguori, R., Nix, W., Schofield, I., Veloso, M., Vila, A. Variation in performance of the EMG examination at six European laboratories 90546
Fuglsang-Frederiksen, A. *see* Johnsen, B. 90545
Fuh, A.Y.-G., Tsai, M.-S., Huang, C.-Y., Ko, T.-C., Chien, L.-C. Polymer-dispersed liquid crystal films for storing optical holographic images 116769
Fuh Chiou-Shann *see* Chiou-Shann Fuh
Fuh Kuen-Fwu *see* Kuen-Fwu Fuh
Fuhl, J., Bonek, E. Space-time decomposition: exploiting the full information of a training sequence for an adaptive array 117083
Fuhl, J., Molisch, A.F. Virtual-image-array single-snapshot (VIASS) algorithm for direction-of-arrival estimation of coherent signals 97706
Fuhl, J., Molisch, A.F. Capacity enhancement and BER in a combined SDMA/TDMA system 117080
Fuhl, J. *see* Molisch, A.F. 68109
Fuhl, J. *see* Molisch, A.F. 97376
Fuhl, J. *see* Molisch, A.F. 99195
Fuhl, J. *see* Molisch, A.F. 118895
Fuhr, J.R. *see* Griesmann, U. 104986
Fuhr, P.L. Smart civil structures 89125
Fuhr, P.L., Huston, D.R. Fiber optic smart civil structures 79450
Fuhrer, M. *see* Taddio, G. 97172
Fuhrman, C.P., Messina, S., Koppenhoefer, S. Replicating MMS clients for fault tolerance 67764
Fuhrmann, M., Aloysius, D., Huan Zhou Permeable, subsurface sorbent barrier for ^{90}Sr: laboratory studies of natural and synthetic materials 101572
Fuhs, W. *see* Schubert, M. 94389
Fuhua Chang *see* Chang Fuhua
Fuja, R. *see* Lumpkin, A. 100419
Fuja, R. *see* Lumpkin, A. 100540
Fuja, R. *see* Sereno, N.S. 89763
Fuja, R. *see* White, M. 89764
Fuja, R.E., White, M. Performance of the Advanced Photon Source (APS) linac beam position monitors (BPMs) with logarithmic amplifier electronics 100579
Fuja, T. *see* Alajaji, F. 66567
Fuja, T. *see* Kunt, T. 79587
Fuja, T.E. *see* Al-Semari, S.A. 68039
Fuja, T.E. *see* Alajaji, F.I. 108225
Fuji, H., Goto, K., Sadakata, N., Saito, T., Kohno, O., Kajikawa, K., Kaiho, K., Yamamoto, M. Conductor configuration and its characteristics of superconducting cable for 50 Hz AC use 95423
Fuji, H., Numata, T., Ishii, M., Yamaguchi, T., Sato, H., Terashima, S. Write power optimizing method for multi-pulse recording on magneto-optical disk 116012
Fuji, S. *see* Tadokoro, S. 81504
Fuji, Y., Kotaki, O., Kato, K., Fujiwara, H., Moriyama, H. Fixed/mobile radio telephone system for promotion in local area 99356
Fuji Yang, Enz, C.C. A low-distortion BiCMOS seventh-order Bessel filter operating at 2.5 V supply 62012
Fujiang Gao *see* Gao Fujiang
Fujibayashi, K. *see* Tabuchi, M. 61203
Fujie Chen *see* Chen Fujie
Fujieda, H. *see* Senda, I. 95599
Fujieda, I. *see* Sekine, H. 89142
Fujieda, S., Mizuta, M., Matsumoto, Y. Low-temperature metalorganic chemical vapour deposition of AlN for surface passivation of GaAs 61413
Fujihara, A., Onda, K., Nakayama, T., Miyamoto, H., Ando, Y., Wakejima, A., Mizuki, E., Kuzuhara, M. Thermally stable InAlAs/InGaAs heterojunction FET with AlAs/InAs superlattice insertion layer 63795
Fujihara, K. *see* Kito, M. 65229
Fujihira, M., Sakomura, M., Aoki, D., Koike, A. Scanning probe microscopies for molecular photodiodes 85274
Fujihira, M. *see* Do, L.M. 85304
Fujihira, M. *see* Eun-Mi Han 75740
Fujihira, M. *see* Han, E.M. 85303
Fujihira, M. *see* Nakajima, K. 86362
Fujihira, M. *see* Sakomura, M. 91734
Fujihira, T., Yano, Y., Obinata, S., Kumagai, N., Sakurai, K. Self-shielding: new high-voltage interconnection technique for HVICs 106128
Fujihira, T. *see* Kudoh, M. 104335
Fujii, A., Yoshida, M., Ohmori, Y., Yoshino, K. Anisotropic optical properties of an organic electroluminescent diode with a periodic multilayer structure 85302
Fujii, A., Yoshimoto, K., Yoshida, M., Ohmori, Y., Yoshino, K., Ueno, H., Kakimoto, M., Kojima, H. Electroluminescent diodes utilizing polysilanes 96017
Fujii, A. *see* Chan-Hyun Youn 78188
Fujii, A. *see* Ohmori, Y. 75741
Fujii, A. *see* Ohmori, Y. 85289
Fujii, A. *see* Ohmori, Y. 96018
Fujii, A. *see* Tsunoi, K. 83656
Fujii, A. *see* Yoshida, M. 96008
Fujii, H., Atsuta, T., Masuda, W. COIL activities in Japan 116316
Fujii, H., Kachen, W., Kurosawa, K. Combinatorial bounds and design of broadcast authentication 66291
Fujii, H., Kawata, T. Simulation study of reliability techniques for ATM-based common-channel signalling networks 77641
Fujii, H. *see* Daugela, A. 64174
Fujii, H. *see* Kawahara, K. 85120
Fujii, H. *see* Natake, T. 120175
Fujii, H. *see* Ogita, K. 91957
Fujii, K., Koiwa, I., Sawai, H. Color plasma display panels using etched metal sheet as cathode electrodes 89276
Fujii, K., Ohga, J. A new version of the NLMS algorithm suitable for fixed point processing 66848
Fujii, K., Ohga, J. "Individually normalized" least mean square algorithm suitable for fixed-point processing and its application to active noise control 97773
Fujii, K., Ohga, J. Double-talk detection method with detecting echo path fluctuation 97774
Fujii, K., Ohga, J. A method of estimating the prefixed filter coefficients requisite for active noise control system 117447
Fujii, K. *see* Fujimori, A. 121098
Fujii, K. *see* Mokuno, Y. 100388
Fujii, K. *see* Ohnishi, J. 100646
Fujii, K. *see* Okuo, T. 121868
Fujii, K. *see* Shimatani, N. 114892
Fujii, K. *see* Takai, M. 61875
Fujii, M., Ito, T., Miyake, S. Neural network model with population coding for binocular disparity extraction 98244
Fujii, M., Kobayashi, S. Accurate analysis of losses in waveguide structures by compact two-dimensional FDTD method combined with autoregressive signal analysis 76530
Fujii, M., Maeda, T., Ohno, Y., Tokushima, M., Ishikawa, M., Fukaishi, M., Hida, H. A 1.3 V supply voltage AlGaAs-InGaAs HJFET SCFL D-FF operating at up to 10 Gbps 61824
Fujii, M., Matsuyama, Y. A new algorithm for resolving position reverse problems in stereo matching using dynamic programming 67435
Fujii, M., Murase, H., Kobayashi, S. FDTD modeling of switching noise in multi-layered digital circuits with CMOS inverters and passive lumped elements 93204
Fujii, M., Murase, H., Kobayashi, S. FDTD analyses of digital pulse in multi-layered structures 107862
Fujii, M., Tanaka, T., Kobayashi, B., Tanaka, H. ML8750 series handheld measuring receiver 119792
Fujii, M. *see* Higuchi, M. 77769
Fujii, M. *see* Kanzawa, Y. 114878
Fujii, M. *see* Maeda, T. 104439
Fujii, M. *see* Shinoda, K. 114161
Fujii, M. *see* Shinoda, K. 121704
Fujii, M. *see* Takebe, T. 72821
Fujii, N., Ogawa, K., Matsumoto, T. Revolving magnet wheels with permanent magnets 71606
Fujii, N., Yamamura, T. ATM transport network operation system in Japan 108956
Fujii, N. *see* Ogawa, K. 103134
Fujii, N. *see* Samadi, S. 114114
Fujii, N. *see* Sugino, N. 114004
Fujii, N. *see* Tohjo, H. 77856
Fujii, N. *see* Wada, K. 104687
Fujii, N. *see* Yagyu, M. 114115
Fujii, N. *see* Yagyu, M. 114137
Fujii, N. *see* Yamamoto, Y. 63774
Fujii, N. *see* Yoshida, T. 73556
Fujii, N. *see* Zavarsky, P. 66621
Fujii, O. *see* Fujimori, A. 121098
Fujii, O. *see* Kaminaga, K. 102160
Fujii, O. *see* Tanaka, H. 121155
Fujii, S., Kamada, T., Hayashi, S., Tomita, Y., Takayama, R., Hirao, T., Nakayama, T., Deguchi, T. Pyroelectric linear array infrared sensors made of La-modified PbTiO$_3$ thin films and their applications 69179
Fujii, S., Kumamoto, E., Kurokawa, N., Yasuda, T., Tsukamoto, Y., Matsuo, M. External beam radiotherapy treatment planning by mixed integer programming 101427
Fujii, S. *see* Dili Zhang 86832
Fujii, S. *see* Dili Zhang 109887
Fujii, S. *see* Fujita, Y. 64919
Fujii, S. *see* Fujita, Y. 92805
Fujii, S. *see* Hasegawa, M. 62432
Fujii, S. *see* Hohzaki, R. 60836
Fujii, S. *see* Kirihata, T. 61897
Fujii, S. *see* Kirihata, T. 93380
Fujii, S. *see* Kobune, M. 61445
Fujii, S. *see* Matsui, H. 86882
Fujii, S. *see* Nakahata, H. 106448
Fujii, S. *see* Nomura, Y. 86466
Fujii, S. *see* Watanabe, Y. 61898
Fujii, S. *see* Watanabe, Y. 93381
Fujii, S. *see* Zhang, D. 108693
Fujii, T., Fujii, T., Kimura, N., Ono, S. High speed programmable ATM-HUB for HIPPI/STM-4 data network 87860

Fujii, T., Inoue, S., Kannari, F. Deposition of fluoropolymer thin films containing semiconductor microcrystallites by VUV laser ablation 92913
Fujii, T., Maeda, M., Yama, H., Ikeda, M., Yoshimatsu, N., Okada, K. High-performance 64-bit microprocessor V_R10000 73450
Fujii, T., Mazaki, H., Takei, F., Bae, J., Narihiro, M., Noda, T., Sakaki, H., Mizuno, K. Coherent power combining of millimeter wave resonant tunneling diodes in a quasi-optical resonator 83341
Fujii, T., Nagano, M., Nemoto, K. Spectroscopic and laser oscillation characteristics of highly Cr^{4+}-doped forsterite 96174
Fujii, T., Shima, H., Matsumoto, N., Kannari, F. Electrical and optical characteristics of organic thin films fabricated by laser ablation 92914
Fujii, T., Yoshimoto, M., Fuyuki, T., Matsunami, H. Bonding structures in highly photoconductive a-SiC:H films deposited by hybrid-plasma chemical vapor deposition 92838
Fujii, T. *see* Ando, H. 103859
Fujii, T. *see* Bae, J. 93752
Fujii, T. *see* Fujii, T. 87860
Fujii, T. *see* Fujikake, H. 75618
Fujii, T. *see* Inoue, M. 115559
Fujii, T. *see* Inoue, T. 104513
Fujii, T. *see* Ishikuro, H. 74722
Fujii, T. *see* Iwai, T. 63614
Fujii, T. *see* Kavalerov, V. 89575
Fujii, T. *see* Matsumoto, N. 113452
Fujii, T. *see* Nemoto, K. 76088
Fujii, T. *see* Nemoto, K. 107437
Fujii, T. *see* Ohsawa, T. 81704
Fujii, T. *see* Sawabe, T. 67121
Fujii, T. *see* Takahashi, Y. 104334
Fujii, T. *see* Takenaka, N. 110445
Fujii, T. *see* Takenaka, N. 110446
Fujii, T. *see* Takenaka, N. 110447
Fujii, T. *see* Yamamoto, T. 106503
Fujii, Y. Multiplex soliton transmission 85605
Fujii, Y., Matsumoto, H., Fujima, L. Measurements of long gauge blocks using a fringe-counting interferometer and subgauge blocks with lines 88899
Fujii, Y., Nakase, J., Matsuno, K., Gunji, H. Implementation of MPEG transport demultiplexer with a RISC-based microcontroller 109295
Fujii, Y. *see* Inoue, T. 86990
Fujii, Y. *see* Kusunoki, A. 71676
Fujii, Y. *see* Levanon, A. 79743
Fujii, Y. *see* Levanon, A. 85010
Fujii, Y. *see* Levanon, A. 95674
Fujii, Y. *see* Sakai, A. 109625
Fujii Hiroshi *see* Hiroshi Fujii
Fujikake, H., Takizawa, K., Kikuchi, H., Fujii, T., Kawakita, M., Yokozawa, M. Grayscale-memory spatial light modulator with polymer-dispersed phase-transition liquid crystal 75618
Fujikake, S. *see* Boonkosum, W. 96037
Fujikake, S. *see* Ichikawa, Y. 102990
Fujikami, J., Shibuta, N., Sato, K., Ishii, H., Hara, T. Effective reduction of AC loss in HTSC cable conductor 91187
Fujikami, J. *see* Ishii, H. 84860
Fujikami, J. *see* Ishii, H. 95446
Fujikata, J.-I., Hayashi, K., Yamamoto, H., Nakada, M. Magnetoresistance in spin-valve structures with Ni-oxide/Co-oxide bilayer antiferromagnets 115629
Fujikawa, H. *see* Chin-Chih Hsu 104455
Fujikawa, K. *see* Mochizuki, F. 81633
Fujikawa, K. *see* Oh, S.-W. 78166
Fujikawa, K. *see* Wu, Y. 91818
Fujikawa, S. *see* Saitoh, Y. 75789
Fujiki, K. *see* Shingubara, S. 115010
Fujikura, H., Hasegawa, H. Fabrication of InP-based InGaAs ridge quantum wires utilizing selective molecular beam epitaxial growth on (311)A facets 61201
Fujikura, H., Kodama, S., Hasegawa, H. Surface passivation of InP-based $In_{0.53}Ga_{0.47}As$ quantum wires using silicon interlayer-based passivation technique 105612
Fujikura, H. *see* Sai, H. 103896
Fujil, H., Ishikawa, A., Sakurai, N. Multiple-access scheduling for moving picture information based on the state of buffers and priority of clients 98885
Fujima, I., Seta, K., Matsumoto, H., Yoshida, H. High-resolution distance meter using optical modulators at 3.5 GHz 119864
Fujima, I. *see* Seta, K. 107655
Fujima, L. *see* Fujii, Y. 88899
Fujimaki, A., Kusunoki, M., Kito, M., Yoshida, S., Andoh, H., Hayakawa, H. Vortex flow transistors based on $YBa_2Cu_3O_{7-\delta}$ films 115921
Fujimaki, H., Yamano, K., Suzuki, K. A 40GHz f_T SATURN transistor using 2-step epitaxial base technology 63911
Fujimaki, S. *see* Fettweis, G. 109283
Fujimaru, K., Matsumura, H. Theoretical consideration of a new nanometer transistor using metal/insulator tunnel-junction 63183
Fujimori, A., Fujii, K., Takashima, H., Suzuki, H., Mitani, M., Fujii, O., Shigetoshi, I., Shimada, M. Development of 500 kV DC PPLP-insulated oil-filled submarine cable 121098
Fujimori, A. *see* Harumoto, Y. 80986
Fujimori, A. *see* Koide, T. 75177
Fujimori, H. *see* Ohnuma, S. 64286
Fujimori, H. *see* Sugawara, E. 64347
Fujimori, H. *see* Sugiura, T. 64585
Fujimori, I., Koyama, K., Trager, D., Tam, F., Longo, L. A 5 V single-chip delta-sigma audio A/D converter with 111 dB dynamic-range 114028
Fujimori, K. *see* Shinomiya, T. 79617
Fujimori, T. *see* Hamano, Y. 76317
Fujimoto, E. *see* Akiyama, N. 89495
Fujimoto, H., Wada, T., Sobue, S., Masuda, H. Electron beam doping of nitrogen into ternary system of ZnCdS epilayer 94723
Fujimoto, H. *see* Fujimoto, K. 109473
Fujimoto, H. *see* Kojima, M. 82770
Fujimoto, H. *see* Maeda, M. 73719
Fujimoto, H. *see* Morikawa, K. 95613
Fujimoto, H. *see* Tokumitsu, K. 81669
Fujimoto, J. *see* Miyamoto, S. 72258
Fujimoto, J. *see* Suga, T. 72227
Fujimoto, J.G. *see* Tearney, G.J. 120407
Fujimoto, K., Kunihisa, T., Yamamoto, S., Fujimoto, H., Ota, Y., Ishikawa, O. A high performance GaAs MMIC transceiver for personal handy phone system (PHS) 109473
Fujimoto, K., Maruyama, Y., Imura, R. Influence of hard bubble suppression layer on gate operation in Bloch line memory 64494
Fujimoto, K. *see* Nakamoto, K. 115706
Fujimoto, K. *see* Uda, T. 63794
Fujimoto, M., Fujimoto, M. Combination of the error estimators in the image data reduction 98124
Fujimoto, M. *see* Fujimoto, M. 98124
Fujimoto, M. *see* Suzuki, K. 83399
Fujimoto, N. *see* Braun, J.M. 121210
Fujimoto, N. *see* Rokugawa, H. 88569
Fujimoto, R. *see* Inoue, N. 82764
Fujimoto, R. *see* Inoue, N. 92918
Fujimoto, R. *see* Kobayashi, H. 80247
Fujimoto, R. *see* Takahashi, C. 78489
Fujimoto, R.M. *see* Perumalla, K.S. 108781
Fujimoto, T., Kambe, T. VLSI design and system level verification for the Mini-Disc 88878
Fujimoto, T. *see* Adachi, M. 104121
Fujimoto, T. *see* Honda, S. 115608
Fujimoto, T. *see* Ibaraki, H. 98945
Fujimoto, T. *see* Kawabata, M. 92358
Fujimoto, T. *see* Kawabata, M. 92359
Fujimoto, T. *see* Tahata, S. 95854
Fujimoto, T. *see* Tomita, T. 73211
Fujimoto, T. *see* Ueda, Y. 122033
Fujimoto, Y. *see* Tsutsui, S. 92518
Fujimura, H. *see* Budihardjo, S. 100833
Fujimura, H. *see* Kahara, T. 71206
Fujimura, H. *see* Sugihara, O. 96670
Fujimura, K., Tanaka, S., Tokutaka, H., Kishida, S. The automatic button-color matching system using Kohonen's self-organizing feature maps in the textile field 108623
Fujimura, K. *see* Okubo, N. 109765
Fujimura, M., Khan, M.S., Tsugawa, H., Haruna, M., Nishihara, H., Ikunishi, S., Gozen, T. Thermally Nd-diffused Z-propagation Ti:$LiNbO_3$ waveguide laser pumped by laser diode 116433
Fujimura, M., Kuroda, H. A study on significant block decision method for interframe coding schemes 67197
Fujimura, M., Sudoh, M., Kintaka, K., Suhara, T., Nishihara, H. Enhancement of SHG efficiency in periodically poled $LiNbO_3$ waveguide utilising a resonance effect 85701
Fujimura, M., Suhara, T., Nishihara, H. Theoretical analysis of resonant waveguide optical second harmonic generation devices 97259
Fujimura, M. *see* Mwansa, D. 67492
Fujimura, M. *see* Wang, Y. 67493
Fujimura, N., Ishida, T., Yoshimura, T., Ito, T. Epitaxially grown $YMnO_3$ film: new candidate for nonvolatile memory devices 95310
Fujimura, S. *see* Fukata, N. 94221
Fujimura, S. *see* Hayami, Y. 105624
Fujimura, S. *see* Inomata, C.R. 114974
Fujimura, T. A theory of designing the correction lenses for stripe screen picture tubes 83770
Fujimura, T. *see* Matsuoka, R. 64155
Fujimura, Y. *see* Higeta, K. 61887
Fujimura, Y. *see* Higeta, K. 113943
Fujimura, Y. *see* Kuhara, Y. 116241
Fujimura, Y. *see* Kuhara, Y. 119196
Fujinaga, H. *see* Uchida, T. 105622
Fujinaga, M., Kotani, N. Three-dimensional topography simulator: 3D-MULSS and its applications 74812
Fujinaga, S. *see* Narikiyo, T. 112885
Fujinami, M. Oxygen-related defects in Si studied by variable-energy positron annihilation spectroscopy 74528
Fujine, S., Yoneda, K., Mochiki, K., Murata, Y. An experimental method for macroscopic cross section measurements using neutron radioscopy 110364
Fujine, S. *see* Kamata, M. 110311
Fujine, S. *see* Nakajima, T. 104238
Fujine, S. *see* Yoneda, K. 110506
Fujine, T. *see* Himeshima, I. 75239
Fujino, K. *see* Muramoto, Y. 64050
Fujino, M. *see* Sun, X.-Q. 74948
Fujino, S., Tanaka, H., Okada, K., Yamaguchi, T., Miyazaki, K. Improved definition converter IDC-3000 68870
Fujino, T. *see* Kawabata, T. 88408
Fujino, T. *see* Ono, M. 100494
Fujino, T. *see* Sano, H. 78388
Fujino, Y., Fujita, M., Gyoda, K., Muraoka, T. Fundamental experiment on re-radiation of radiowaves from a rectenna 61626
Fujinuma, H. *see* Sumiya, T. 103849
Fujinuma, S. *see* Noto, K. 71586
Fujio, H. *see* Tanaka, H. 68888
Fujio, T. *see* Hayashi, N. 118332
Fujioka, H. *see* Tada, K. 82214
Fujioka, H. *see* Whitaker, J.F. 114644
Fujioka, K. *see* Yamashita, T. 88839
Fujioka, M. *see* Mutoh, N. 87618
Fujioka, N., Ohgaki, S. Spectroscopic multichannel measurements on dielectric surface discharges in atmospheric air 75006
Fujioka, N., Ohgaki, S., Kawasaki, H. Investigation of tracking test method for silicone rubber 84708
Fujioka, S. *see* Masuda, S. 116131
Fujioka, T., Nakade, M., Ishii, H. 3-D analysis of current distribution and AC loss induced by external AC magnetic field in multifilamentary superconducting wires 64510
Fujioka, T. *see* Kamozaki, K. 67977
Fujioka, T. *see* Masegi, T. 91191
Fujioka, T. *see* Nanri, K. 116797
Fujioka, T. *see* Ogata, H. 95521
Fujioka, T. *see* Shiho, M. 96551
Fujioka, T. *see* Takeda, S. 103418
Fujioka, T. *see* Tsunashima, H. 71825
Fujioka, T. *see* Vieira, R.F. 106723
Fujisaka, A. *see* Nakamura, H. 75845
Fujisaka, T. *see* Kondo, M. 78971
Fujisaki, A., Tashiro, Y., Oshima, I., Ogoshi, H. High-power polarization-maintaining dispersion-shifted EDFA 75846
Fujisaki, A. *see* Shinozaki, K. 68355
Fujisaki, A. *see* Yamamoto, H. 114481
Fujisaki, K., Ueyama, T., Okazawa, K. Magnetohydrodynamic calculation of in-mold electromagnetic stirring 103034
Fujisaki, T. Network management system development using an application framework 108939
Fujisaki, Y. *see* Matsui, Y. 104537
Fujisawa, H. *see* Marukawa, K. 67436
Fujisawa, K. *see* Murayama, R. 113562
Fujisawa, M. *see* Namatame, H. 79426
Fujisawa, T., Tanaka, S., Inoue, S. Experimental evaluation of phase contrast lithography 63508
Fujisawa, T. *see* Kasai, J. 92215
Fujishige, S., Patkar, S.B. The orthant non-interaction theorem for certain combinatorial polyhedra and its implications in the intersection and the Dilworth truncation of bisubmodular functions 72496
Fujishima, K. *see* Yamaguchi, Y. 93358
Fujishima, M. *see* Mita, Y. 115196
Fujishima, T. *see* Matsuo, H. 91206
Fujishiro, F., Ding, L., Nowak, E., Ying-Tsong Loh MOSFET drain engineering for low-power applications 84431
Fujita, E. *see* Matsuda, Y. 64453
Fujita, G., Shirai, G. Optimal load-shedding using local information 80853
Fujita, G., Shirai, G. Local optimal load-shedding considering voltage deviation 111534
Fujita, G. *see* Onoye, T. 113979
Fujita, G. *see* Onoye, T. 114003
Fujita, G. *see* Shirai, G. 102342
Fujita, H. Research activities in MEMS at the University of Tokyo 84659
Fujita, H. Recent advances in micromechatronics 106271
Fujita, H., Akagi, H. The unified power quality conditioner: The integration of series active filters and shunt active filters 121614
Fujita, H., Akagi, H., Kohata, M. A combined system of a series active filter and a double-series diode rectifier with a DC smoothing capacitor 121655
Fujita, H., Maeda, T., Sakui, M., Nakamura, F., Inokuchi, H. Calculation method of starting characteristics of single phase linear actuator with open magnetic circuit 121515
Fujita, H., Tominaga, S., Akagi, H. Analysis and design of a DC voltage-controlled static VAr compensator using quad-series voltage-source inverters 102933
Fujita, H., Yamamoto, M., Goda, T., Itoh, M. A more realistic approach for analyzing long term frequency dynamics of isolated power system 80892
Fujita, H. *see* Azegami, H. 93467
Fujita, H. *see* Chiba, H. 97741
Fujita, H. *see* Dewa, H. 120075
Fujita, H. *see* Hashiguchi, G. 74889
Fujita, H. *see* Kando, M. 100698
Fujita, H. *see* Kobayashi, D. 119639
Fujita, H. *see* Matsumoto, H. 93466
Fujita, H. *see* Mizuno, K. 102800
Fujita, H. *see* Noda, A. 79988
Fujita, H. *see* Sakui, M. 71483
Fujita, H. *see* Shirai, T. 89766
Fujita, H. *see* Takatori, M. 68507
Fujita, H. *see* Tominaga, S. 121830
Fujita, H. *see* Toshiyoshi, H. 115383
Fujita, H. *see* Tsuneoka, M. 73843
Fujita, H. *see* Uchida, S. 81132
Fujita, H. *see* Verma, S.C. 93416
Fujita, H. *see* Yano, S. 90318
Fujita, H. *see* Yasuda, H. 76313
Fujita, H. *see* Yasui, K. 104164

Fujita, H. *see* Yoshida, K. 107460
Fujita, J. *see* Uchizawa, M. 64257
Fujita, K., Isoda, Y., Kobayashi, K., Kubota, K. Semiconductor technologies for GS8600 and GS8400 61956
Fujita, K., Ohnishi, H., Hirai, M., Shimada, K., Watanabe, T. MBE growth of submicron carrier confinement structures on patterned GaAs(111)A substrates using only silicon dopant 61295
Fujita, K., Shirakata, K., Idogaki, M., Harada, T., Ohagi, T., Kawato, I. Plant structure inspection and maintenance support system using image-processing technique 71015
Fujita, K. *see* Hirai, M. 82607
Fujita, K. *see* Hosaka, S. 75405
Fujita, K. *see* Kasuga, S. 80014
Fujita, K. *see* Kawata, Y. 116627
Fujita, K. *see* Kuroda, H. 73812
Fujita, K. *see* Kuroda, H. 83419
Fujita, K. *see* Shintani, T. 95663
Fujita, K. *see* Takahashi, M. 65299
Fujita, K. *see* Takaira, H. 88396
Fujita, K. *see* Takebe, T. 72821
Fujita, K. *see* Watanabe, T. 61285
Fujita, M., Higurashi, S., Hirano, S., Ohishi, T., Zenno, Y. Newly developed D-VHS digital tape recording system for the multimedia era 109932
Fujita, M., Moon, A., Yasuda, E., Asakuma, T., Minamiguchi, T., Asakawa, M., Chen, J., Imasaki, K., Yamanaka, C., Roy, P.K., Mima, K., Nakai, S., Nakao, N., Ishida, T., Watanabe, T., Ohigashi, N., Tsunawaki, Y., Yamazaki, Y., Sakuma, M. Applications of enhanced Compton scattering in a supercavity 96451
Fujita, M., Nakaoka, Y., Saeki, T., Tanaka, A., Sekine, J. 256 Mbit synchronous DRAM 73376
Fujita, M., Take, T., Tadano, H., Kainuma, K., Sakuma, M. Coupled analyses in designing of cold crucible levitation melting furnace 112606
Fujita, M., Tokumasu, T., Yamada, T., Ooyama, T., Hirose, T., Takiguchi, S., Obara, T. 3D electromagnetic analysis of an eddy-current rail brake system 103137
Fujita, M., Yamaguchi, H. High-brightness high-resolution LCD projector 110293
Fujita, M. *see* Asakawa, M. 96555
Fujita, M. *see* Carragher, R.J. 95097
Fujita, M. *see* Chen, J. 96531
Fujita, M. *see* Fujino, Y. 61626
Fujita, M. *see* Furumochi, K. 73356
Fujita, M. *see* Ihara, T. 67849
Fujita, M. *see* Ishide, A. 80556
Fujita, M. *see* Ji, Y. 108026
Fujita, M. *see* Klouche-Djedid, A. 99220
Fujita, M. *see* Matsumura, F. 102696
Fujita, M. *see* Mike Tien-Chien Lee 83079
Fujita, M. *see* Mitsumoto, H. 109903
Fujita, M. *see* Motokawa, M. 96985
Fujita, M. *see* Mukherjee, R. 93322
Fujita, M. *see* Narayan, A. 92496
Fujita, M. *see* Ogura, K. 76240
Fujita, M. *see* Ohigashi, N. 110518
Fujita, M. *see* Saeki, T. 73369
Fujita, N. *see* Okuno, A. 112954
Fujita, O. *see* Aihara, K. 62119
Fujita, S., Baba, M., Shinyama, K. Discharge phenomena in simulated tree channels by applying DC and impulse voltage 64052
Fujita, S., Kawakami, Y., Fujita, S. MO(GS)MBE and photo-MO(GS)MBE of II-VI semiconductors 103884
Fujita, S., Maruno, S., Watanabe, H., Ichikawa, M. Nanostructure fabrication using the selective thermal desorption of SiO_2 induced by electron beams 94601
Fujita, S., Watanabe, T., Shigehara, K., Miyata, S. Phase-matched second harmonic light in five-layer waveguide with inversion of nonlinear optical susceptibilities 85049
Fujita, S., Yamaguchi, H., Matsukawa, H., Kawasaki, N., Kihara, K., Yamasaki, A., Ishihara, T. Reflective type STN-LCD for personal information terminals 100239
Fujita, S. *see* Fujita, S. 103884
Fujita, S. *see* Hauksson, I.S. 74216
Fujita, S. *see* Hauksson, I.S. 74216
Fujita, S. *see* Johnson, M.A.I. 72778
Fujita, S. *see* Johnson, M.A.L. 72776
Fujita, S. *see* Johnson, M.A.L. 82694
Fujita, S. *see* Kawakami, Y. 74335
Fujita, S. *see* Kawakami, Y. 74335
Fujita, S. *see* Kawakami, Y. 105131
Fujita, S. *see* Kawakami, Y. 105131
Fujita, S. *see* Maruno, S. 105601
Fujita, S. *see* Nishikado, Y. 80866
Fujita, S. *see* Ogata, K. 74212
Fujita, S. *see* Ogata, K. 74212
Fujita, S. *see* Ruike, M. 92961
Fujita, S. *see* Sakai, H. 73805
Fujita, S. *see* Suzuki, T. 79156
Fujita, S. *see* Takahashi, K. 93901
Fujita, S. *see* Talukder, M. 85588
Fujita, S. *see* Yamada, Y. 74379
Fujita, S. *see* Yamada, Y. 74379
Fujita, S. *see* Yamaguchi, S. 94550
Fujita, S. *see* Yamaguchi, S. 94550
Fujita, T. Characterization of the solutions of multi-objective linear programming with a general dominated cone 82498
Fujita, T., Ogawa, A., Ouchi, C., Tajima, H. Microstructure and properties of titanium alloy produced in the newly developed blended elemental powder metallurgy process 113525
Fujita, T. *see* Kobayashi, H. 114010
Fujita, T. *see* Kuroda, T. 73204
Fujita, T. *see* Kuroda, T. 73425
Fujita, T. *see* Kuroda, T. 104515
Fujita, T. *see* Matsuura, H. 83491
Fujita, T. *see* Nagaya, S. 86872
Fujita, T. *see* Ninomiya 64569
Fujita, T. *see* Sagara, K. 120100
Fujita, T. *see* Shinoda, M. 109934
Fujita, T. *see* Tsuchida, T. 120371
Fujita, T. *see* Umezawa, T. 104619
Fujita, Y. A service management business process model 87580
Fujita, Y. Low-temperature growth of ZnS by photoassisted metalorganic chemical vapor deposition 92804
Fujita, Y., Terada, T., Fujii, S. Photoluminescence spectra of nitrogen-doped ZnSe by photoassisted metal-organic chemical vapor deposition 64919
Fujita, Y., Terada, T., Fujii, S. Growth of nitrogen-doped ZnSe by photoassisted metalorganic chemical vapor deposition 92805
Fujita, Y. *see* Aimoto, Y. 73442
Fujita, Y. *see* Amine, K. 71635
Fujita, Y. *see* Kikuchi, Y. 115823
Fujita, Y. *see* Koitabashi, M. 83722
Fujita, Y. *see* Mitani, K. 68926
Fujita, Y. *see* Mitani, K. 119442
Fujita, Y. *see* Shinozaki, K. 70854
Fujita, Y. *see* Sugawara, M. 119738
Fujita, Y. *see* Tsujino, J. 101618
Fujita, Y. *see* Yabe, Y. 113980
Fujita, Y. *see* Yamawaki, M. 69248
Fujitani, S. *see* Satoh, K. 81734
Fujito, K. *see* Maeda, K. 78815
Fujito, K. *see* Maeda, K. 109665
Fujiura, K. *see* Ohishi, Y. 65107
Fujiwara, A. *see* Kita, T. 62897
Fujiwara, A. *see* Muraki, K. 83951
Fujiwara, E. *see* Jien-Chung Lo 61721
Fujiwara, E. *see* Kimura, H. 85368
Fujiwara, E. *see* Ritthongpitak, T. 66298
Fujiwara, E. *see* Ritthongpitak, T. 97439
Fujiwara, F. *see* Kaneko, M. 98752
Fujiwara, H., Chun-Hong Hou, Nishioka, K. Highly field-sensitive transverse-biased non-hysteretic spin valves 115841
Fujiwara, H., Kiryu, H., Ii, T., Shimizu, I. Growth of iodine-doped $ZnS_{0.07}Se_{0.93}$ disordered alloys and electron mobility enhancement by ordered structures in $(ZnS)_3(ZnSe)_{42}$ 83835
Fujiwara, H., Nabeta, T., Shimizu, I., Yasuda, T. Optical properties of Zn(S,Se) sawtooth superlattices grown by atomic layer epitaxy 94542
Fujiwara, H., Nishioka, K., Hou, C., Parker, M.R., Gangopadhyay, S., Metzger, R. Temperature dependence of the pinning field and coercivity of NiFe layers coupled with an antiferromagnetic FeMn layer 75132
Fujiwara, H. *see* Fuji, Y. 99356
Fujiwara, H. *see* He, L. 106511
Fujiwara, H. *see* Inoue, T. 61763
Fujiwara, H. *see* Inoue, T. 104430
Fujiwara, H. *see* Inoue, T. 104513
Fujiwara, H. *see* Klemmer, T.J. 115639
Fujiwara, H. *see* Mameno, K. 105570
Fujiwara, H. *see* Nishioka, K. 64373
Fujiwara, H. *see* Nishioka, K. 115539
Fujiwara, H. *see* Shimizu, Y. 91413
Fujiwara, H. *see* Takeda, T. 85656
Fujiwara, H. *see* Takeda, T. 86991
Fujiwara, I., Kojima, S., Seto, J. High density charge storage memory with scanning probe microscopy 74493
Fujiwara, I. *see* Seto, J. 85042
Fujiwara, K., Nakata, T., Ohashi, H. Improvement of convergence characteristic of ICCG method for the A-ϕ method using edge elements 65695
Fujiwara, K. *see* Ahagon, A. 65623
Fujiwara, K. *see* Hosoda, M. 83957
Fujiwara, K. *see* Hosoda, M. 114735
Fujiwara, K. *see* Inoue, H. 95377
Fujiwara, K. *see* Janicke, L. 95336
Fujiwara, K. *see* Kamozaki, K. 67977
Fujiwara, K. *see* Mimura, H. 64802
Fujiwara, K. *see* Misawa, K. 71556
Fujiwara, K. *see* Muramatsu, K. 71241
Fujiwara, K. *see* Nakata, T. 96882
Fujiwara, K. *see* Ohtani, N. 63080
Fujiwara, K. *see* Sawada, T. 83892
Fujiwara, K. *see* Schrottke, L. 62893
Fujiwara, K. *see* Tominaga, K. 64811
Fujiwara, K. *see* Unekawa, Y. 78296
Fujiwara, M., Hiromoto, N., Araki, K.-I. Moderate-fast transient response of the Ge:Ga photoconductors 69156
Fujiwara, M. *see* Hiromoto, N. 114561
Fujiwara, M. *see* Kato, K. 102426
Fujiwara, M. *see* Yosoi, M. 120231
Fujiwara, N., Maruyama, T., Yoneda, M. Pulsed plasma processing for reduction of profile distortion induced by charge buildup in electron cyclotron resonance plasma 74554
Fujiwara, N., Ogino, S., Maruyama, T., Yoneda, M. Charge accumulation effects on profile distortion in ECR plasma etching 74573
Fujiwara, N., Yoneyama, T., Hamada, Y., Yokota, T., Asakawa, A., Shimomura, T., Yamaoka, K., Ishibe, S. Suppression of lightning-induced overvoltages by distribution line surge arresters 111681
Fujiwara, N. *see* Horie, M. 115281
Fujiwara, N. *see* Kajihara, M. 72306
Fujiwara, N. *see* Maruyama, T. 74556
Fujiwara, N. *see* Muramatsu, K. 75281
Fujiwara, N. *see* Ogino, S. 74553
Fujiwara, N. *see* Ogino, S. 105623
Fujiwara, N. *see* Siozawa, K. 74559
Fujiwara, O. An analytical approach to model indirect effect caused by electrostatic discharge 65664
Fujiwara, O. *see* Watanabe, S.-I. 120540
Fujiwara, S., Matsumoto, K., Shirakawa, T. In situ transport rate monitor during ZnSe crystal growth by PVT 103812
Fujiwara, S., Yamashita, H., Maeda, H. Power-assist control technology 92012
Fujiwara, S. *see* Hagiwara, Y. 100254
Fujiwara, S. *see* Okita, Y. 75820
Fujiwara, S. *see* Okuno, T. 100256
Fujiwara, T. *see* Fleming, S. 64692
Fujiwara, T. *see* Fleming, S.C. 85011
Fujiwara, T. *see* Kasami, T. 66294
Fujiwara, T. *see* Kasami, T. 66473
Fujiwara, T. *see* Sugita, T. 97568
Fujiwara, T. *see* Watanabe, H. 97479
Fujiwara, T. *see* Yamamoto, H. 66397
Fujiwara, T. *see* Yamazaki, T. 78597
Fujiwara, Y., Yu, X.Y., Tsunashima, S., Iwata, S., Sakurai, M., Suzuki, K. Structural anisotropy of Tb/Fe multilayers 75197
Fujiwara, Y. *see* Li, Y. 115404
Fujiwara, Y. *see* Nakata, H. 61200
Fujiwara, Y. *see* Ogishima, M. 111637
Fujiwara, Y. *see* Shinan Wang 121151
Fujiwara, Y. *see* Tanimoto, G. 64150
Fujiwara, Y. *see* Tanimoto, G. 114356
Fujiwara, Y. *see* Watanabe, K. 110471
Fujiwara, Y. *see* Ying Li 64122
Fujiwara, Y. *see* Ying Li 106371
Fujiya, H. *see* Miura, K. 77597
Fujiyasu, H. *see* Ishida, A. 96259
Fujiyasu, H. *see* Ishida, A. 104074
Fujiyasu, H. *see* Kuwabara, H. 74398
Fujiyasu, H. *see* Muramatsu, K. 104056
Fujiyoshi, K., Kajitani, Y. An equivalent transformation of multiterminal nets to two-terminal net-sets in the topological via minimization problem 63441
Fujiyoshi, K. *see* Hayashi, K. 81813
Fukada, E. *see* Hattori, T. 64087
Fukada, E. *see* Herminghaus, S. 106850
Fukada, E. *see* Iijima, M. 64175
Fukada, S. *see* Takeuchi, T. 99209
Fukada, T. *see* Nitta, Y. 73370
Fukada, Y. *see* Hayashi, Y. 78668
Fukagawa, T. *see* Masegawa, M. 88262
Fukai, K., Amafuji, H. Development of See-Through Vision (a high resolution, see-through head-mounted display) 100257
Fukaishi, M. *see* Fujii, M. 61824
Fukaishi, M. *see* Maeda, T. 104439
Fukami, K. *see* Hayashi, K. 77843
Fukami, K. *see* Sonoi, Y. 70494
Fukami, T., Imamura, M., Kaburaki, Y., Miyamoto, T. A new self-regulated self-excited single-phase induction generator using a squirrel cage three-phase induction machine 81438
Fukami, T., Kaburaki, Y., Imamura, M., Miyamoto, T. An algorithm for selecting the capacitors of the self-regulated self-excited single-phase induction generator 91503
Fukami, T. *see* Ichikawa, F. 106664
Fukang Jiang, Yu-Chong Tai, Gupta, B., Goodman, R., Tung, S., Jin-Biao Huang, Chih-Ming Ho A surface-micromachined shear stress imager 79540
Fukang Jiang *see* Gupta, B. 69114
Fukang Jiang *see* Jin-Biao Huang 119600
Fukang Ma *see* Ma Fukang
Fukano, H., Yokoyama, K., Kadota, Y., Kondo, Y., Ueki, M., Yoshida, J. High-coupling-efficient 1.3-μm laser diodes with good temperature characteristics 116546
Fukano, H. *see* Mitomi, O. 85053
Fukao, K. *see* Horinouchi, S. 85674
Fukao, M., Ishihara, M., Aoki, S., Tanaka, F. High-speed morphology processor board VME-PiPEIII for Gray Vision GV-3000 92308
Fukao, S. *see* Sonoi, Y. 70493
Fukao, S. *see* Sonoi, Y. 70494
Fukao, S. *see* Sugiyana, T. 76433
Fukao, T. *see* Jijun Wu 113161
Fukao, T. *see* Michioka, C. 111928
Fukasako, S. *see* Morooka, N. 94670
Fukasawa, A., Fisher, R.E., Sato, T., Takizawa, Y., Kato, T., Kawabe, M., Sato, S., Kawahashi, A. Wideband CDMA system for personal communications 68296
Fukasawa, A. *see* Fisher, R.E. 118850
Fukasawa, A. *see* Fisher, R.E. 118897
Fukasawa, A. *see* Kato, T. 68286
Fukasawa, A. *see* Sato, T. 118891
Fukasawa, A. *see* Takizawa, Y. 108233
Fukase, T. *see* Saeki, T. 73369
Fukase, T. *see* Watanabe, K. 95529
Fukase, T. *see* Watazawa, K. 95539

Fukaszawa, H., Shimano, H., Ouchi, N. HDTV standards converter 99761
Fukata, N., Sasaki, S., Fujimura, S., Haneda, H., Murakami, K. Hydrogen passivation of donors and hydrogen states in heavily doped n-type silicon 94221
Fukata, S. *see* Komori, M. 84932
Fukatsu, K. *see* Cabuz, C. 63984
Fukatsu, S. *see* Issiki, F. 62957
Fukatsu, S. *see* Kishimoto, Y. 94492
Fukatsu, S. *see* Muraki, K. 83951
Fukatsu, S. *see* Oka, K. 102400
Fukatsu, S. *see* Shiraki, Y. 61216
Fukatsu, S. *see* Sunamura, H. 63076
Fukawa, K., Suzuki, H. BER performance of orthogonalizing matched filter (OMF) in mobile DS-CDMA systems 68184
Fukawa, K., Suzuki, H. Basic characteristics of timing synchronization with recursive least-squares for digital mobile radio 118825
Fukaya, K. *see* Nakamura, T. 72269
Fukaya, N., Maeno, K., Sato, K., Honda, T. Improved electroholographic display using liquid crystal devices to shorten the viewing distance with both-eye observation 89359
Fukaya, N. *see* Maeno, K. 96746
Fukaya, T. *see* Kamata, T. 76170
Fukaya, T. *see* Kamata, T. 76225
Fukaya, T. *see* Kamata, T. 85632
Fukaya, T. *see* Van Keuren, E. 85637
Fukazawa, M. *see* Fukuda, K. 77880
Fukazawa, M. *see* Yao, M. 75848
Fukazawa, T. *see* Chinzei, Y. 74557
Fukazawa, T. *see* Kabasawa, U. 75297
Fukazawa, T. *see* Kabasawa, U. 84897
Fukazawa, Y. *see* Ohashi, T. 99891
Fukazawa, Y. *see* Turner, J.E. 63363
Fuke, H., Hayashi, K., Kanke, Y., Enomoto, Y. BaPb$_{1-x}$Bi$_x$O$_3$ grain boundary junctions on SrTiO$_3$ bicrystals 84895
Fuke, N. *see* Yokoi, H. 94747
Fuke, S. *see* Takano, Y. 92752
Fukidome, H. *see* Matsumura, M. 114911
Fukiyama, N., Mochizuki, A., Asami, T. Lightning forecast method by using meteorological factors 70495
Fukiyama, N. *see* Zaima, E.-I. 121249
Fuks, P., Larson, G. Measurements of dielectric properties of liquids 100275
Fuks, P. *see* He, S. 107838
Fukuchi, F. *see* Oh, J.H. 103950
Fukuchi, Y. *see* Yamano, Y. 84704
Fukuda, A. Mobile applications of meteor burst communications 99295
Fukuda, A. *see* Furukawa, T. 85600
Fukuda, A. *see* Gang Wu 68281
Fukuda, A. *see* Gang Wu 78522
Fukuda, A. *see* Hoshi, H. 76155
Fukuda, A. *see* Kudo, K. 101461
Fukuda, A. *see* Nagasawa, M. 88449
Fukuda, A. *see* Shirota, K. 85589
Fukuda, A. *see* Yamada, T. 85594
Fukuda, A. *see* Yamada, T. 85622
Fukuda, C. *see* Okamoto, S. 75478
Fukuda, D. *see* Takahashi, H. 80058
Fukuda, D. *see* Takahashi, H. 100151
Fukuda, D. *see* Takahashi, H. 100868
Fukuda, F. *see* Koike, M. 71074
Fukuda, H. Development of a visual simulator for traffic flow/safety analysis at railway crossings 82144
Fukuda, H., Ishikawa, K., Takayama, H., Oda, T. Smart MDF 98924
Fukuda, H., Takano, H., Hatakeyama, T., Nakaoka, M. A unique digital control scheme of multiple bridges power conversion circuit for advanced magnetic resonance imaging 120404
Fukuda, H. *see* Mutoh, S. 73426
Fukuda, I., Ito, K., Tamaki, H., Yamauchi, Y., Amazutsumi, T. Prismatic lithium ion battery 81708
Fukuda, I., Sakai, E., Kotani, Y., Kitamura, M., Uchida, T. A new achromatic reflective STN-LCD with one polarizer and one retardation film 85124
Fukuda, I. *see* Kimura, M. 85137
Fukuda, J.-I. *see* Tagawa, N. 115701
Fukuda, K., Fukazawa, M., Wakamoto, M., Kim, M.W. Dual agent system DAWN to integrate IN and TMN 77880
Fukuda, K., Hongu, T., Tsuruda, H., Takahasi, Y., Haraguchi, B., Higasiyama, K. Advanced bilevel image compression expansion engine LSI μPD72187A 77490
Fukuda, K., Imai, N., Kawamura, S., Matsumura, K., Ibaraki, N. Switching performance of high rate deposition processing a-Si:H TFTs 95000
Fukuda, K. *see* Deza, A. 103706
Fukuda, K. *see* Hayashi, T. 83124
Fukuda, K. *see* Kashiro I, T. 94999
Fukuda, K. *see* Uehiro, M. 121316
Fukuda, M. Reliability of high power pump lasers for erbium-doped fiber amplifiers 85467
Fukuda, M., Nakahira, H., Sakiyama, S., Maruyama, M., Kouda, T., Imagawa, T., Maruno, S. A digital neuro chip with adaptive segmentation quantizer neuron architecture (ASQA) 104771
Fukuda, M., Yamada, N., Teshima, T., Kan, K., Utsunomiya, M. Timing verification system for relay circuit behaviours 93979
Fukuda, M. *see* Alay, J.L. 94607
Fukuda, M. *see* Hirono, T. 65280
Fukuda, M. *see* Mawatari, H. 116551
Fukuda, M. *see* Ogasawara, Y. 116001
Fukuda, N. *see* Sadamoto, M. 92902
Fukuda, N. *see* Saitoh, K. 102991
Fukuda, S. A new digital PLL for the Class I partial response channel 113812
Fukuda, S., Sugawa, S. Adaptive control of a current-fed active filter 114082
Fukuda, S. *see* Hayakawa, K. 96456
Fukuda, S. *see* Hirasaka, H. 115816
Fukuda, S. *see* Ikei, Y. 69410
Fukuda, S. *see* Kondo, T. 73138
Fukuda, S. *see* Michizono, S. 100447
Fukuda, S. *see* Sadamoto, M. 92902
Fukuda, S. *see* Saitoh, K. 102991
Fukuda, S. *see* Yamamori, M. 88140
Fukuda, T. The post war fifty years history of insulation diagnostic test methods for electric power apparatus 60769
Fukuda, T. The analysis of bending stress and mechanical property of ultralarge diameter silicon wafers at high temperatures 94655
Fukuda, T. Japan Hadron Project 119965
Fukuda, T., Nakahira, Y., Inoue, H., Shiraishi, Y. Optical buffer memory for photonic ATM system 78324
Fukuda, T., Ogino, T. Oxygen adsorption on Ge-covered Si(100) surfaces 94755
Fukuda, T., Shimizu, H. Study on the improvement of reliability of inspection system using Kalman filter–development of balancing tester for rotary machinery 66861
Fukuda, T., Umetsu, K., Rudolph, P., Koh, H.J., Iida, S., Uchiki, H., Tsuboi, N. Growth and characterization of twin-free ZnSe single crystals by the vertical Bridgman method 92671
Fukuda, T., Yokoyama, Y., Arai, F., Shimojima, K., Ito, S., Abe, Y., Tanaka, K., Tanaka, Y. Navigation system based on ceiling landmark recognition for autonomous mobile robot –position/orientation control by landmark recognition with plus and minus primitives 77302
Fukuda, T. *see* Adachi, K. 61164
Fukuda, T. *see* Arai, F. 67913
Fukuda, T. *see* Arai, F. 74952
Fukuda, T. *see* Arai, F. 89513
Fukuda, T. *see* Arai, F. 110392
Fukuda, T. *see* Guo, S. 90557
Fukuda, T. *see* Hirota, Y. 94734
Fukuda, T. *see* Hyodo, H. 69941
Fukuda, T. *see* Imai, K. 116704
Fukuda, T. *see* Kitade, S. 61478
Fukuda, T. *see* Koh, H.J. 61154
Fukuda, T. *see* Kotosaka, S. 109688
Fukuda, T. *see* Kozuka, T. 74963
Fukuda, T. *see* Kubota, N. 92512
Fukuda, T. *see* Miyazaki, N. 72746
Fukuda, T. *see* Rudolph, P. 92668
Fukuda, T. *see* Sasaki, T. 76260
Fukuda, T. *see* Shimamura, K. 82572
Fukuda, T. *see* Shimamura, K. 82579
Fukuda, T. *see* Shuxiang Guo 70189
Fukuda, T. *see* Tani, T. 112057
Fukuda, Y., Ohtaki, H., Tomita, A., Owaki, S. Estimation of ultraviolet radiation dose using CaF$_2$:Tb phosphor 110959
Fukuda, Y., Sanada, N., Kuroda, M., Suzuki, Y. Adsorption of H$_2$S on GaP(001) surface and passivation effects studied by AES, LEED and XPS 63272
Fukuda, Y. *see* Aoki, K. 64172
Fukuda, Y. *see* Ichikawa, Y. 109945
Fukuda, Y. *see* Shimomura, M. 62723
Fukuda, Y. *see* Umemura, E. 76336
Fukuhara, H. *see* Yamawaki, H. 82790
Fukuhara, K. *see* Aoki, N. 83966
Fukuhara, M., Kuwano, Y., Oguri, M. Determination of thermal degradation of heated polyvinyl chloride using diffracted SH ultrasonic waves 82791
Fukuhara, M. *see* Iigahama, Y. 110294
Fukuhara, S., Nakabayashi, T., Koga, K., Murakami, T., Takeshima, H., Yokomizo, S., Abe, S., Gotoh, S.-I. Application to practical transmission line of prefabricated joint for 275 kV XLPE cable 121201
Fukuhisa, T. *see* Kidoguchi, I. 75980
Fukui, C. *see* Higashi, S. 80877
Fukui, H. *see* Homma, Y. 69779
Fukui, H. *see* Kusaka, H. 78832
Fukui, K. *see* Enami, K. 79130
Fukui, K. *see* Hayashi, M. 109882
Fukui, K. *see* Ispir, R. 86011
Fukui, K. *see* Nogi, S. 104801
Fukui, M. *see* Hayashi, T. 119587
Fukui, M. *see* Mizukami, M. 68491
Fukui, M. *see* Snitka, V. 110464
Fukui, S., Amako, K., Tomita, H., Yoshikawa, M. A functionally distributed operations support system toward an open EMS 101854
Fukui, S. *see* Funaki, T. 91024
Fukui, S. *see* Ito, M. 95418
Fukui, T., Kumakura, K., Nakakoshi, K., Motohisa, J. Pyramidal quantum dot structures by self-limited selective area metalorganic vapor phase epitaxy 61297
Fukui, T. *see* Miyatsuji, K. 83427
Fukui, T. *see* Ohkuri, K. 62738
Fukui, T. *see* Oobuchi, T. 81828
Fukui, T. *see* Uematsu, M. 110884
Fukui, Y., Yumine, M., Matsumoto, T., Otani, T., Kobayashi, Y. A study of the active drive method for STN-LCDs 89371
Fukui, Y. *see* Nakanishi, I. 117431
Fukui, Y. *see* Nakanishi, I. 117462
Fukui, Y. *see* Tsukutani, T. 62015
Fukui, Y. *see* Tsukutani, T. 104697
Fukuizumi, A. *see* Takakura, M. 104249
Fukuma, H. *see* Kikuchi, M. 79980
Fukuma, M., Nagao, M., Kosaki, M. Measurements of space-charge distribution up to electrical breakdown field in LDPE film 64130
Fukuma, M. *see* Koike, H. 75061
Fukumi, T., Sakaguchi, T., Kamada, K., Miya, M., Moriguchi, I., Teraoka, Y., Kagawa, S. Degenerate four-wave mixing study of nonlinear optical property of PbS micro-crystallites embedded in Langmuir-Blodgett films 76236
Fukumitsu, N., Narita, H., Uchiyama, M., Mori, Y., Kawakami, K. Fusion image by simultaneous transmission and emission tomography using large-field gamma camera 90322
Fukumitsu, T. *see* Matsumoto, S. 63657
Fukumizu, K., Watanabe, S. Optimal training data and predictive error of polynomial approximation 72578
Fukumori, H., Kono, Y., Nishimatsu, K., Muraoka, Y. Finite element analysis with heterogeneous parallel computer environment over ATM network 72730
Fukumori, T. *see* Hasegawa, T. 120234
Fukumoto, H. *see* Hayashi, T. 119587
Fukumoto, H. *see* Sakamoto, S. 106707
Fukumoto, H. *see* Shirakawa, S. 104931
Fukumoto, M., Kubota, H., Tsujii, S. New block adaptive algorithm using the conjugate gradient method 72642
Fukumoto, M., Kubota, H., Tsujii, S. Improvement in stability and convergence speed on learning identification method 117370
Fukumoto, S., Okada, K., Park, D.-K., Yoshimoto, S., Sasase, I. A study on distributed control dynamic channel assignment strategies in sector cell layout systems 99297
Fukumoto, S., Park, D.-K., Okada, K., Yoshimoto, S., Sasase, I. Spectrum efficiency of sectorization for distributed dynamic channel assignment in cellular systems 99164
Fukumoto, T. *see* Hirano, H. 93366
Fukumoto, T. *see* Wu, H. 87129
Fukumoto, Y., Moodenbaugh, A.R., Suenaga, M., Fischer, D.A., Shibutani, K., Hase, T., Hayashi, S. Effect of oxygen partial pressure during postheat treatment on Bi$_2$Sr$_2$CaCu$_2$O$_y$/Ag tapes 84879
Fukumura, M. *see* Kitao, K. 82185
Fukumura, T. *see* Watanabe, T. 87121
Fukumura, Y. Navigation technologies for electronic directory information 87911
Fukunaga, A., Marks, J., Ngo, J.T. Automatic control of physically realistic animated figures using evolutionary programming 67114
Fukunaga, C. *see* Hazumi, M. 100854
Fukunaga, C. *see* Korhonen, T. 90148
Fukunaga, C. *see* Nobori, T. 90129
Fukunaga, C. *see* Nobori, T. 100962
Fukunaga, C. *see* Tsuboyama, T. 100836
Fukunaga, K., Maeno, T. Space charge behavior in an antistatic polymer including polymer solid electrolyte 106296
Fukunaga, K. *see* Harashima, K. 93049
Fukunaga, K. *see* Matsumoto, T. 86652
Fukunaga, K. *see* Yahata, Y. 87104
Fukunaga, O. *see* Karppinen, M. 106663
Fukunaga, O. *see* Qiao, X. 104116
Fukunaga, S. *see* Hara, T. 102162
Fukunaga, S. *see* Kaminaga, K. 102160
Fukunaga, S. *see* Uchida, K. 64129
Fukunaga, T., Abe, T., Yuhya, S., Hiraoka, M., Oota, A. AC losses of Bi2223 superconducting tape and rod 84870
Fukunaga, T., Wada, M., Hayakawa, T. Reliable operation of strain-compensated 1.06 μm InGaAs/InGaAsP/GaAs single quantum well lasers 85466
Fukunaga, T. *see* Hayakawa, T. 107299
Fukunaga, T. *see* Hikasa, K. 112895
Fukunaga, T. *see* Oota, A. 106646
Fukunishi, I. *see* Saitoh, Y. 80027
Fukunishi, I. *see* Saitoh, Y. 100838
Fukunishi, I. *see* Tsuboyama, T. 100836
Fukunishii, T. *see* Kobayashi, M. 83771
Fukuno, A. *see* Nishio, H. 106626
Fukuoka, H., Mizuno, H. A multimedia integration trial for groupware with video-on-demand 118634
Fukuoka, H. *see* Mizuno, H. 118382
Fukuoka, H. *see* Murayama, R. 113562
Fukuoka, K., Hashimoto, M. Measurement of magnetization property of bulk high-T$_c$ superconducting magnet by pulse magnetic field 95606
Fukuoka, K., Hashimoto, M. Assessment of quench property of YBCO superconductor 106676
Fukuoka, M. *see* Urushibara, S. 70530
Fukuoka, N. *see* Tanaka, Y. 89352
Fukuoka, N. *see* Yamamoto, T. 110300
Fukuoka, T. Research on an IVD-LAN system for laboratory application 67733
Fukuoka, T., Ozawa, H., Ikehara, M., Takahashi, S.-I. Realization of one-dimensional nonuniform-

band maximally decimated filter banks using two-dimensional filters 77027
Fukuoka, T. *see* Tohi, T. 96148
Fukuoka, T. *see* Yamashita, I. 75829
Fukuoka, Y. *see* Uchida, M. 102965
Fukurozaki-Coppinger, S. *see* Sheble, G.B. 80964
Fukusako, T. *see* Tsutsumi, M. 64493
Fukusako, T. *see* Tsutsumi, M. 93667
Fukushi, K. *see* Noro, H. 85036
Fukushima, H. *see* Mitsumori, Y. 74243
Fukushima, I., Yoshimi, U., Watanabe, T., Hayashi, T., Ryu, Y., Akashi, Y. Residential electricity consumption for cooling and heating in eight cities, Japan 91960
Fukushima, K., Kawamura, H., Kosugi, M., Sonehara, N. Personal system for practical face recognition 86918
Fukushima, K., Okada, M., Higashiyama, K., Endo, M., Sasaoka, T., Sato, J., Yaegashi, Y., Nagano, M., Wakiya, Y. A prototype model of superconducting current lead for 1MJ SMES system 91774
Fukushima, K., Okada, M., Tanaka, K., Kitaguchi, H., Kumakura, H., Togano, K., Kiyoshi, T., Inoue, K. Fabrication and transport properties of a solenoidal coil wound with $Bi_2Sr_2CaCu_2O_x$/Ag multifilamentary tapes for high magnetic field generation 115957
Fukushima, K., Yamada, I. N^+ ion implantation effects on microhardness and adhesion in TiO_2 films 92857
Fukushima, K. *see* Hatakeyama, I. 78680
Fukushima, K. *see* Itoh, M. 112915
Fukushima, K. *see* Itoh, M. 116242
Fukushima, K. *see* Nagahori, T. 119217
Fukushima, K. *see* Okada, M. 75364
Fukushima, K. *see* Okada, M. 75365
Fukushima, K. *see* Okada, M. 84867
Fukushima, K. *see* Shibata, H. 73076
Fukushima, M. *see* Kanzow, C. 92509
Fukushima, M. *see* Nakada, S. 102306
Fukushima, M. *see* Tseng, P. 92547
Fukushima, N., Katai, H., Wada, T., Horiike, Y. High-rate and smooth surface etching of Al_2O_3-TiC employing inductively coupled plasma (ICP) 75212
Fukushima, N., Sato, T., Wada, T., Horiike, Y. New reactive ion etching process for HDD slider fabrication 115764
Fukushima, N. *see* Hirasawa, N. 95330
Fukushima, N. *see* Ota, H. 101937
Fukushima, N. *see* Sato, T. 115806
Fukushima, S. *see* Yamamoto, T. 78320
Fukushima, T., Sakamoto, T. A 7×6 optical fiber grating demultiplexer-multiposition switch for 0.64-0.88 μm band 68476
Fukushima, T., Wakisaka, T., Shirasaka, Y., Tsukiji, N., Ishimaru, T., Ikegami, Y., Shibata, M. Development of compact laser diode modules for optical subscriber networks 118660
Fukushima, T. *see* Akiyama, N. 89495
Fukushima, T. *see* Ishihara, T. 79591
Fukushima, T. *see* Matsuoka, T. 106197
Fukushima, T. *see* Mori, S. 105766
Fukushima, T. *see* Shimizu, H. 116494
Fukutani, H. *see* Koide, T. 75177
Fukutani, J. *see* Henmi, Y. 119387
Fukutomi, H., Takagi, T., Tani, J., Hashimoto, M., Shimone, J., Harada, Y. Numerical evaluation of ECT impedance signal due to minute cracks 102407
Fukutomi, M. *see* Liu, J. 100500
Fukutomi, S. *see* Udagawa, T. 101416
Fukuyama, H., Takizawa, T., Sakai, N., Murakami, M. Stiffness and damping coefficients for superconducting magnetic bearings using MPMG2-YBaCuO 91454
Fukuyama, K. *see* Kurisu, K. 117271
Fukuyama, M. *see* Shibata, T. 115715
Fukuyama, T., Itoh, H., Yamamoto, K., Ikuta, N. Experimental studies and Monte Carlo simulation of luminous layers in neon 83684
Fukuyama, Y., Hsaio-Dong Chiang A parallel genetic algorithm for generation expansion planning 70796
Fukuyama, Y., Nakanishi, Y. Fast power flow for radial power systems using parallel processing 120973
Fukuyama, Y., Nakanishi, Y., Chiang, H.-D. Fast distribution power flow using multi-processors 81026
Fukuyama, Y., Nakanishi, Y., Hsaio-Dong Chiang Parallel genetic algorithm for generation expansion planning 70780
Fukuyama, Y., Nakanishi, Y., Hsaio-Dong Chiang Parallel power flow calculation in electric distribution networks 121116
Fukuyama, Y. *see* Egashira, M. 119766
Fukuzawa, K., Tanaka, Y., Akamine, S., Kuwano, H. Microfabricated photocantilever for simultaneous NSOM and AFM of optical materials 92998
Fukuzawa, K., Yanagisawa, K., Kuwano, H. Protein-based photoelectric cell with a hole array fabricated by micromachining techniques 110165
Fukuzawa, T., Hisano, T., Watabe, H. A glass disk distortion effect in an optical flying height tester 115695
Fukuzo, Y. *see* Saeki, T. 73369
Fulai Liu *see* Liu Fulai
Fulcher, A.J., Hills, P. Towards a strategic framework for design research 72221
Fulczyk, M. *see* Zielichowski, M. 111881
Fulford, J. *see* Chou, A.I. 94689
Fulford, J. *see* Wristers, D. 94630
Fulghum, S.F. *see* Flusberg, A. 89555
Fulham, M.J. *see* Ho-Shon, K. 110771
Fulham, M.J. *see* Meikle, S.R. 90429
Fuling Liu DSP-based Manchester decoder design 86287
Fuljahn, T. *see* Pekeler, M. 119967
Fulks, R. *see* Martin, R.A. 110298
Fullekrug, M. On the minimization of correlated residuals 101507
Fuller, B., Richer, I. The MAGIC project: from vision to reality 67794
Fuller, B. *see* Wallraff, G.M. 105768
Fuller, B.K. *see* Heremans, J. 94553
Fuller, C.R. *see* Brevart, B.J. 90871
Fuller, G.L., Poggio, A.J. A fresh look: a more economic approach to HIRF certification 70378
Fuller, J. *see* Carlin, R.T. 112293
Fuller, K. *see* Cooke, B. 109802
Fuller, S., McGarity, R.C., Song, S.P. The PowerPC 604 microprocessor - multimedia ready 93429
Fuller, T.F. *see* West, A.C. 91723
Fullerton, E.E., Adenwalla, S., Felcher, G., Sowers, C.H., Bader, S.D., Robertson, J.L., Berger, A. Suppression of biquadratic coupling at the Cr Neel temperature in Fe/Cr(001) superlattices 64350
Fullerton, E.E., Sowers, C.H., Pearson, J.P., Bader, S.D., Wu, X.Z., Lederman, D. A general approach to the epitaxial growth of rare-earth-transition-metal films 113368
Fullerton, E.E., Sowers, C.H., Wu, X.Z., Bader, S.D. Growth of oriented rare-earth-transition-metal thin films 113359
Fullerton, E.E. *see* Keavney, D.J. 115517
Fullett, K. *see* Bieniosek, F.M. 100726
Fullett, K. *see* Bieniosek, F.M. 100727
Fullman, M. *see* Barrow, W. 89272
Fullowan, T. *see* Park, Y.K. 99577
Fullowan, T. *see* Tanbun-Ek, T. 119235
Fulmek, P.L. *see* Hauser, H. 106558
Fulong Dai *see* Xinlin Qing 61499
Fulong Dai *see* Dai Fulong
Fulong Ma *see* Ma Fulong
Fulong Zhang *see* Shiyou Zhao 63571
Fulton, E., Halsall, C.L. Novel active filter for power system harmonics 91019
Fulton, K. *see* Farmer, R. 91363
Fulton, R.R., Hutton, B.F., Braun, M., Hooper, P.K., Eberl, S., Meikle, S.R. Evaluation of a 3-D OS-EM reconstruction algorithm for correction of patient motion in emission tomography 70063
Fultz, B. *see* Ratnakumar, B.V. 71645
Fultz, B. *see* Ratnakumar, B.V. 121844
Fultz, B. *see* Witham, C. 121856
Fultz, B. *see* Witham, C.K. 71646
Fultz, W.W. *see* Sherman, J.M. 63412
Fului, T. *see* Notzel, R. 61296
Fuma, H. *see* Yamada, N. 105514
Fumagalli, A. *see* Chlamtac, I. 78735
Fumagalli, A. *see* Chlamtac, I. 88527
Fumagalli, C. *see* Baiocco, C. 118655
Fumagalli, P., Schirmeisen, A., Gambino, R.J. Magneto-optic properties and exchange interaction of the macroscopic ferrimagnet $Co_{1-x-y}Tb_x(EuS)_y$ 75072
Fumagalli, P. *see* Rudiger, U. 75190
Fumagalli, P. *see* Rudiger, U. 84816
Fumagalli, P. *see* Rudiger, U. 115617
Fumeaux, C., Herrmann, W., Rothuizen, H., de Natale, P., Kneubuehl, F.K. Mixing of 30 THz laser radiation with nanometer thin-film Ni-NiO-Ni diodes and integrated bow-tie antennas 116654
Fumelli, M. *see* Massmann, P. 110526
Fumelli, M. *see* Pamela, J. 69697
Fuming Hong *see* Hong Fuming
Fummi, F. *see* Buonanno, G. 83030
Fummi, F. *see* Buonanno, G. 93255
Fummi, F. *see* Ferrandi, F. 83076
Fummi, F. *see* Ferrandi, F. 93298
Fummi, F. *see* Ferrandi, F. 113882
Funabashi, H. *see* Kodama, M. 113387
Funabashi, L. *see* Inoue, L. 93913
Funabashi, M. *see* Maruhashi, K. 83443
Funabashi, M. *see* Maruhashi, K. 83464
Funabashi, M. *see* Ohata, K. 73774
Funabashi, M. *see* Ohata, K. 88085
Funabashi, T. *see* Matsushita, K. 81152
Funabashi, T. *see* Ueda, T. 111677
Funabashi, T. *see* Ueda, T. 112036
Funabiki, N., Nishikawa, S. Comparisons of energy-descent optimization algorithms for maximum clique problems 60849
Funabiki, N., Nishikawa, S. A neural network model for multilayer topological via minimization in a switchbox 93029
Funabiki, N., Nishikawa, S. A binary neural network approach for link activation problems in multihop radio networks 109344
Funabiki, N., Nishikawa, S., Tajima, S. A binary neural network approach for net assignment problems 106151
Funada, F. *see* Hamada, H. 89267
Funada, M., Seino, K., Takita, K., Itoh, Y., Toyoshima, G., Takagi, T., Komaru, M., Mizutamari, H., Mineno, H., Ohuchi, C., Nishigaki, T., Takeuchi, M., Nishida, M., Saito, H. Ka-band 20 W-class SSPA utilizing MMIC technology for satellite communications 93906
Funada, S. *see* Yamamoto, T. 98895
Funada, T. *see* Miyabayashi, H. 97624
Funahashi, A. *see* Ninomiya 64569
Funahashi, T. *see* Tamaki, M. 104240
Funahashi, Y. *see* Ono, M. 100494
Funakawa, K. *see* Suzuki, S. 68255
Funaki, H., Yasuhara, N., Nakagawa, A. High voltage lateral MOS thyristor cascode switch on SOI–safe operating area of SOI-Resurf devices 105936
Funaki, H. *see* Nakagawa, A. 61641
Funaki, H. *see* Yasuhara, N. 105996
Funaki, K. *see* Yasukawa, Y. 95549
Funaki, T., Fukui, S., Matsuura, K., Kimura, N. The stability enhancement to a large scale longitudinal power system by installing the HVDC system with self commutated converter 91024
Funaki, T. *see* Michihira, M. 121628
Funaki, T. *see* Michihira, M. 121752
Funakoshi, Y., Tejima, M., Ishii, H. Feasibility study of an orbit feedback system for the KEKB facility 100558
Funakoshi, Y. *see* Chin, Y.H. 89973
Funakubo, K., Seki, I., Nakata, M., Sumi, K., Uno, M. The AS50VS visual sensor 79316
Funami, H. *see* Uda, S. 71369
Funan Shi, Latour, L.L., Ludwig, R., Sotak, C.H. A new design for a three-channel surface gradient coil employing a three-dimensional finite element model 70015
Funasugi, Y. *see* Kobayashi, T. 64620
Funato, M. *see* Kawakami, Y. 74335
Funato, S., Kawasaki, N., Kinoshita, Y., Masuda, S., Okazaki, H., Padmanaban, M., Yamamoto, T., Pawlowski, G. Application of photodecomposable base concept to two-component deep-UV chemically amplified resists 105772
Funato, S. *see* Padmanaban, M. 105776
Funato, S. *see* Yamamoto, H. 65488
Funato, S. *see* Yamamoto, H. 76258
Funatsu, E., Nitta, Y., Miyake, Y., Toyoda, T., Kanamoto, H., Nabeta, Y., Ohta, J., Kyuma, K. Focal plane image processing with an artificial retina chip 87247
Funatsu, S. *see* Koike, S. 118526
Funatsu, T. *see* Sekiguchi, T. 74800
Funck, B., Mitzkus, A. Acoustic transfer function of the clamp-on flowmeter 89004
Funda, J., Taylor, R.H., Eldridge, B., Gomory, S., Gruben, K.G. Constrained Cartesian motion control for teleoperated surgical robots 80410
Funes-Gallanzi, M. *see* Udrea, D.D. 100398
Funfschilling, J., Schadt, M., Seiberle, H. Video-compatible subtractive color projection with cholesteric liquid-crystal band-modulation filters 69423
Funfschilling, J. *see* Kelly, S. 85135
Funfschilling, J. *see* Verhulst, A.G.H. 89259
Fung, A.K., Dawson, M.S., Chen, K.S., Hsu, A.Y., Engman, E.T., O'Neill, P.O., Wang, J. A modified IEM model for: scattering from soil surfaces with application to soil moisture sensing 120864
Fung, A.K., Onstott, R.G. Modeling of ice thickness effect and its application to data interpretation 120861
Fung, A.K. *see* Hean-Teik Chuah 111164
Fung, A.K. *see* May, G.C. 111296
Fung, A.K. *see* Tjuatja, S. 107857
Fung, B.K. *see* Lee, T.S. 95247
Fung, H.T., Parker, K.J. Segmentation of scanned documents for efficient compression 86518
Fung, H.T., Parker, K.J. Image interpolation as a boundary value problem 86537
Fung, K. *see* Fang, S. 84140
Fung, K.K., Hui, S.Y.R. Fast simulation of multistage power electronic systems with widely separated operating frequencies 61621
Fung, K.K., Hui, S.Y.R. Duality of transmission line models for circuit simulation 93056
Fung, K.K., Hui, S.Y.R. Norton TLM based stub-link conversion technique 93118
Fung, K.K., Hui, S.Y.R. Improved TLM link model for reactive circuit components 104285
Fung, K.K., Hui, S.Y.R. Transputer simulation of decoupled electrical circuits 113690
Fung, K.K., Hui, S.Y.R., Christopoulos, C. Parallel simulation of electrical circuits using the TLM technique 61528
Fung, K.K. *see* Hui, S.Y.R. 61531
Fung, K.S.M., Lam, F.K., Chan, F.H.Y., Poon, P.W.F., Lin, J.G. Adaptive neural network filter for visual evoked potential estimation 70111
Fung, P.Chin Wan *see* Chin Wan Fung, P.
Fung, S. *see* Panda, S. 62849
Fung, S. *see* Panda, S. 94526
Fung, S. *see* Reddy, C.V. 105479
Fung, S.C. *see* Tse, C.K. 82933
Fung, Y.H. *see* Tso, S.K. 89016
Fung, Y.K. *see* Vithana, H. 69399
Fung, Y.R., Cheng, H.C., Lien, C.C., Chu, W.C. Accuracy and precision studies in MR flow quantification 90301
Fung Chang Li *see* Li Fung Chang
Fung Kuan-Zong *see* Kuan-Zong Fung
Fung Min-Su *see* Min-Su Fung
Fung-Fei Chen, Jenn-Hong Chen, Shao-Pin Hung, Chen-Hsiung Lin, Chia-Wen Huang The load research for Taipower Company–an example of sampling design for metering survey 80961
Fung-Yuel Chang *see* Jun-Fa Mao 76508

Funk, E.E., Saddow, S.E., Jasper, L.J., Jr., Lee, C.H. Optically controlled spread-spectrum RF data link 99100
Funk, E.E. *see* Lee, C.H. 96088
Funk, J., Korvink, J.G., Bachtold, M., Buhler, J., Baltes, H. Coupled 3D thermo-electro-mechanical simulations of microactuators 74899
Funk, J., Korvink, J.G., Wachutka, G., Baltes, H. Electro-thermo-mechanical field analysis using SESES 63979
Funk, J. *see* Mayer, F. 79328
Funk, K., Schilp, A., Offenberg, M., Elsner, B., Larmer, F. Surface-micromachining of resonant silicon structures 63981
Funk, W. *see* Akesson, T. 69833
Funk, W. *see* Hallgren, B. 90201
Funk, W. *see* Hallgren, B. 100956
Funka-Lea, G., Gupta, A. The use of hybrid models to recover cardiac wall motion in tagged MR images 90329
Funkhouser, T.A. Network topologies for scalable multi-user virtual environments 67754
Funt, B. *see* Barnard, K. 67275
Funt, B.V. *see* Finlayson, G.D. 67276
Fuochi, P.G. *see* Paccagnella, A. 63755
Fuochi, P.G. *see* Paccagnella, A. 74738
Fuochi, P.G. *see* Paccagnella, A. 106014
Fuqiang Shi *see* Shi Fuqiang
Fuqiang Yao *see* Yao Fuqiang
Fuqin Xiong Optimal sequence estimation for convolutionally coded signals with binary digital modulation in ISI channels 108177
Furber, S. The future is to asynchronous processing 73449
Furber, S.B., Day, P. Four-phase micropipeline latch control circuits 61862
Furcajg, F. *see* Levin, M. 98919
Furdyna, J.K. *see* Xin, S.H. 82699
Furen Wang *see* Zama, H. 64500
Furer, M., Miller, W. Alignment-to-alignment editing with "move gap" operations 86107
Furetta, C., Sanipoli, C., Scacco, A., Somaiah, K. Applicability in dosimetry of thermoluminescent $Li_2B_4O_7$ doped with Cu or Eu impurities 110961
Furetta, C. *see* Acciarri, M. 120165
Furetta, C. *see* Bates, S.J. 90122
Furetta, C. *see* Bates, S.J. 110607
Furetta, C. *see* Gomez Ros, J.M. 64904
Furgason, E.S. *see* Oh, S.J. 92301
Furger, M. *see* Poggio, L. 111187
Furht, B. *see* Westwater, R. 67358
Furihata, T. *see* Ishizaki, T. 88138
Furin, G.G. *see* Korobeynikov, S.M. 64040
Furio, I. *see* Femenias, G. 88309
Furio, I. *see* Femenias, G. 108097
Furio, I. *see* Femenias, G. 108805
Furlan, J., Skubic, I., Smole, F., Popovic, P., Topic, M. Small-signal capacitance and conductance of biased a-Si structures 114708
Furlan, J., Vidic, M., Smole, F. Analysis of a-Si/c-Si HIT solar cell structure 81898
Furlan, J. *see* Groznik, A. 81896
Furlan, J. *see* Kusian, W. 71718
Furlan, J. *see* Popovic, P. 75688
Furlan, J. *see* Topic, M. 81885
Furlan, J. *see* Topic, M. 81897
Furlan, J. *see* Topic, M. 100019
Furlan, M., Schmiemann, K. Background considerations for low rate SSG detector experiments 90140
Furlan, M., Schmiemann, K. Properties of a colloidal superheated superconducting granule particle detector 90175
Furlan, M. *see* Schmiemann, K. 80015
Furlan, R., Zemel, J.N. Behavior of microfluidic amplifiers 74879
Furlani, A. *see* Bearzotti, A. 119642
Furlani, E.P. Analysis and optimization of synchronous magnetic couplings 64480
Furlani, E.P. An analytical method for predicting the transient behavior of resonant electromagnetic actuators 107832
Furletov, S. *see* Akesson, T. 69833
Furlong, J.M., Newell, W.R. Secondary electron focusing in a metastable surface-detector 69781
Furman, M. *see* Raubenheimer, T. 89853
Furman, M. *see* Raubenheimer, T.O. 89662
Furman, W.N., Glase, W.E., Seymour, C.J. Error-free data delivery with HF systems utilizing the proposed US Federal Standard 1052 data link protocol 99061
Furman, Ya.A. Noise-immune symbols for message communication 76935
Furman, Ya.A., Rozhentsov, A.A., Hafizov, R.G. Discretely coded signals on the basis of composite contours 76936
Furmanov, V.B. *see* Konovalov, N.A. 117722
Furneaux, J.E., Kravchenko, S.V., Mason, W., Pudalov, V.M., D'Iorio, M. Scaling of a metal/insulator transition in a 2D system at B=0 106038
Furneaux, J.E. *see* Mason, W. 105128
Furneaux, P.W., Goddard, E.J.G., Coan, D.J. Monitoring of generator instruction following performance 71002
Furong Zhu, Kohara, H., Fuyuki, T., Matsunami, H. Structural and optical properties of polycrystalline silicon thin films deposited by the plasma enhanced chemical vapour deposition method 82758
Furrer, A. *see* Fawer, W. 97180
Furrer, J. *see* Bartschi, R. 119380
Furse, C.M., Gandhi, O.P. A memory efficient method of calculating specific absorption rate in CW FDTD simulations 70260
Furse, C.M. *see* Gandhi, O.P. 120541
Fursey, G.N., Baskin, L.M., Glazanov, D.V., Yevgen'ev, A.O., Kotcheryzhenkov, A.O., Polezhaev, S.A. The specific features of field emission from submicron cathode surface areas at high current densities 73955
Fursey, G.N. *see* Baskin, L.M. 73924
Fursov, A., Belous, O., Fisun, A., Veremey, V. Resonance systems of millimeter wave oscillators 93743
Fursov, A.M. *see* Belous, O.I. 73716
Fursov, A.M. *see* Belous, O.I. 105057
Furst, C.E. A low-noise/low-power preamplifier for capacitive microphones 113769
Furst, J.D., Pizer, S.M., Eberly, D.H. Marching cores: a method for extracting cores from 3D medical images 110713
Furst, M. *see* Rafaely, B. 69922
Furst, R. *see* Brinkmann, R.P. 63892
Furst, R. *see* Brinkmann, R.P. 72901
Furst, W. *see* Jahn, E. 96072
Furstenau, N., Janzen, D., Goetze, W. Fiber-optic sensor systems for airport ground traffic monitoring 70420
Furtado, X.A., Aniruddha Sen Synthesis of unlimited speech in Indian languages using formant-based rules 97642
Furuhara, T. *see* Makino, T. 113511
Furuhashi, T., Nitta, H., Takita, I., Mano, H., Tsunekawa, S., Iwasaki, M., Arakawa, M. A 64-gray-scale digital signal driver for color TFT-LCDs 84598
Furuhashi, T. *see* Yang Xuhua 108522
Furuhata, N. *see* Tanaka, S. 83532
Furui, S. *see* Atal, B.S. 76869
Furuichi, C., Aizawa, K., Imai, S. Use of static/dynamic parameters in automatic phonemic segmentation system for English continuous speech 76877
Furukawa, A. *see* Ichinose, H. 95988
Furukawa, A. *see* Ihara, H. 94236
Furukawa, A. *see* Ishizuka, Y. 92889
Furukawa, A. *see* Ishizuka, Y. 94424
Furukawa, A. *see* Kurisu, M. 78297
Furukawa, A. *see* Nitta, Y. 73370
Furukawa, A. *see* Yamaguchi, T. 92888
Furukawa, H., Akaiwa, Y. Performance of integrated macro and microcell systems applied to TDMA or CDMA cellular systems 68268
Furukawa, H., Akaiwa, Y. A self-organized reuse-partitioning dynamic channel assignment scheme with quality based power control 88346
Furukawa, H., Akaiwa, Y. Self-organized reuse partitioning, a distributed dynamic channel assignment method in cellular system 99236
Furukawa, H., Mima, K., Sentoku, Y., Kuruma, S., Imasaki, K., Yamanaka, C. Integrated computer simulation on FIR FEL dynamics 96508
Furukawa, H., Oishi, M., Akaiwa, Y. Performance comparison of fixed and dynamic channel assignments in indoor cellular system 118762
Furukawa, H., Oishi, M., Akaiwa, Y., Shimizu, H. Performance comparison of dynamic channel assignments for indoor microcell environment 118868
Furukawa, H. *see* Isoi, T. 112268
Furukawa, H. *see* Makioka, S. 88197
Furukawa, H. *see* Shinozaki, S. 97119
Furukawa, H. *see* Xanasugi, A. 115917
Furukawa, K. *see* Yamada, T. 78257
Furukawa, M. *see* Shinohara, N. 85979
Furukawa, N. Hydrogen-absorbing alloys for nickel-metal hydride batteries 91720
Furukawa, N. *see* Chikano, Y. 71672
Furukawa, S., Obana, M., Nomura, T. New SAW humidity sensor using double-coated hygroscopic film 106462
Furukawa, S., Roy, S., Miyajima, H., Mehregany, M. Surface roughness and adhesion of electroless plated nickel on polysilicon 63451
Furukawa, S., Roy, S., Miyajima, H., Mehregany, M. Nickel surface micromachining 64020
Furukawa, S. *see* Hogari, K. 75504
Furukawa, S. *see* Miyajima, H. 63990
Furukawa, S. *see* Motohashi, N. 90260
Furukawa, S. *see* Nomura, T. 106464
Furukawa, S. *see* Sumida, M. 119169
Furukawa, S. *see* Yano, N. 115549
Furukawa, S.-I. *see* Sumida, M. 119182
Furukawa, T., Eguchi, T., Ohchi, M. Development of EWS aided graphical facilities for computational electromagnetism 107690
Furukawa, T., Ishikawa, K., Takezoe, H., Fukuda, A., Watanabe, T., Miyata, S., Nishi, T., Sone, M., Watanabe, J. Highly-SHG-active nematic liquid crystal formed from aromatic polyester 85600
Furukawa, T., Kodama, H., Uchinokura, O., Takahashi, Y. Ferroelectric VDF/TrFE copolymers studied by nonlinear dielectric spectroscopy 106335
Furukawa, T., Maeda, T., Kubota, H. A new recursive algorithm for linear equation and its application to adaptive signal processing 97775
Furukawa, T. *see* Acovic, A. 106206
Furukawa, T. *see* Inanaga, K. 105695
Furukawa, T. *see* Miwa, H. 73345
Furukawa, T. *see* Nagakura, T. 110939
Furukawa, T. *see* Ohchi, M. 96892
Furukawa, T. *see* Shimada, H. 102111
Furukawa, Y., Makio, S., Miyai, T., Ando, T., Sato, M. Development of nonlinear crystals and violet-blue SHG laser 96683
Furukawa, Y., Sato, M., Bashaw, M.C., Fejer, M.M., Iyi, N., Kitamura, K. Investigation of increased photorefractive damage resistance in $LiNbO_3$ by two-wave mixing measurements 76217
Furukawa, Y. *see* Hirai, S. 74877
Furukawa, Y. *see* Izumi, K. 104401
Furukawa, Y. *see* Kayama, H. 61327
Furukawa, Z. *see* Kashima, H. 87696
Furukoshi, R. *see* Asou, S. 91623
Furukubo, M. *see* Sugihara, O. 76256
Furumochi, K., Shimizu, H., Fujita, M., Akita, T., Izawa, T., Katsube, M., Aoyama, K., Kawamura, S. A 500 MHz 288 kb CMOS SRAM macro for on-chip cache 73356
Furuno, T., Taga, T. Time delay spread in microcellular environment for personal communication systems 116896
Furuno, T., Urasaki, S., Katagi, T. Tri-reflector antennas eliminating cross-polarized component based on beam-mode analysis 97306
Furusawa, H., Nakamura, T., Taniguchi, H. A vehicle image detector for traffic control and information 98131
Furuse, M. *see* Ohura, Y. 91216
Furushima, Y. *see* Tomida, S. 78934
Furuta, H. *see* Kuwabara, T. 81355
Furuta, H. *see* Yanagi, H. 81907
Furuta, K. *see* Mizuno, M. 61853
Furuta, K. *see* Mizuno, M. 73194
Furuta, K. *see* Setoya, T. 112901
Furuta, K. *see* Suda, M. 74946
Furuta, S. *see* Niigaki, M. 94208
Furuta, T. *see* Akahori, N. 67719
Furuta, T. *see* Shigekawa, N. 106076
Furutani, K. *see* Ooishi, T. 61899
Furutani, K. *see* Ooishi, T. 93614
Furutani, R., Takamasu, K., Ozono, A., Saito, T., Jun-Ichi Kato Autonomous inspection planning system with coordinate measuring machine 99837
Furutani, R. *see* Asano, H. 100328
Furutoh, K. *see* Nadaya, N. 67717
Furuuchi, S. *see* Sonegawa, T. 106297
Furuuchi, S. *see* Sonegawa, T. 113461
Furuya, A., Shlmokawa, F., Matsuura, T., Sawada, R. Fabrication of fluorinated polyimide microgrids using magnetically controlled reactive ion etching (MC-RIE) and their applications to an ion drag integrated micropump 115386
Furuya, H. *see* Harada, K. 62697
Furuya, H. *see* Hasegawa, H. 63163
Furuya, H. *see* Satoh, Y. 75000
Furuya, K. *see* Hongo, H. 105440
Furuya, K. *see* Machida, N. 105857
Furuya, K. *see* Nakanishi, H. 83717
Furuya, M., Soga, M., Takano, H. Comparison of MOCVD and MBE semiconductor superlattices for the evaluation of depth resolution in AES and SIMS 105393
Furuya, S. *see* Hayashi, Y. 90946
Furuya, T., Toyoda, Y., Hori, Y. Implementation of advanced adhesion control for electric vehicle 91883
Furuya, T. *see* Kaneko, S. 71159
Furuya, T. *see* Shindo, T. 109017
Furuya, T. *see* Tajima, T. 100491
Furuya, Y. *see* Kawahara, I. 100231
Fusaro, J.M., Martinez, J.L., Jr, Romero, G.L. Variational solid modeling of metal matrix composite high current power modules 82231
Fusayasu, H. *see* Inoue, H. 104905
Fusayasu, H. *see* Okada, Y. 102645
Fuscco, V.F. *see* Qiang Chen 117019
Fusco, D. *see* Jackson, D.K. 121826
Fusco, G. *see* Attaianese, C. 91809
Fusco, V.F. An overview of the high frequency circuit modelling using concurrent processing techniques 62220
Fusco, V.F. Electromagnetic field modelling using parallel and distributed processing techniques 65625
Fusco, V.F., Hu, Z.R., Wu, Y., Gamble, H.G., Armstrong, B.M., Stewart, J.A.C. Silicon interconnects for millimetre wave circuits 93934
Fusco, V.F., Qiang Chen Slotline short and open circuit analysis by the finite-difference time-domain method 73659
Fusco, V.F. *see* Buchanan, N. 93897
Fusco, V.F. *see* Chen, Q. 62227
Fusco, V.F. *see* Hu, Z.R. 83297
Fusco, V.F. *see* Humphrey, D.E.J. 66121
Fusco, V.F. *see* Humphrey, D.E.J. 73149
Fusco, V.F. *see* Parks, G. 62311
Fusco, V.F. *see* Qiang Chen 93070
Fusco, V.F. *see* Robinson, J. 62359
Fuse, K., Ebata, K., Kotani, T., Higuchi, F., Nanba, H. Focusing optical system for dual-beam laser cutting and welding 96866
Fuse, M. *see* Maeda, K. 78815
Fuse, T., Oowaki, Y., Terauchi, M., Watanabe, S., Yoshimi, M., Ohuchi, K., Matsunaga, J. 0.5 V SOI CMOS pass-gate logic 73250
Fusellier, J. *see* Amiranoff, F. 89645
Fusellier, J. *see* Chehab, R. 89714

Fushen Chen *see* Yunqi Liu 79592
Fusheng Yang *see* Yang Fusheng
Fushimi, H., Wada, K. Degradation mechanism in carbon-doped GaAs minority-carrier injection devices 94944
Fushimi, K. *see* Nakamura, H. 63107
Fushinobu, K., Hijikata, K., Kurosaki, Y. Heat transfer regime map for electronic devices cooling 74511
Fushinobu, K., Phinney, L.M., Tien, N.C. Ultra-short-pulse laser heating of silicon to reduce microstructure adhesion 74670
Fushou Li *see* Li Fushou
Fushuan Wen *see* Wen Fushuan
Fuso, F. *see* Ceresara, L. 92907
Fuso, F. *see* Diligenti, A. 94598
Fuss, I.G. *see* Atanackovic, P.B. 75641
Fuss, M. Determination of properties of amplified fiber laser pulses by means of interferometric autocorrelation 65088
Fussell, B.K. *see* Cho, C.P. 71371
Fussell, D.S. *see* Mukherjee, R. 93322
Fussell, M.T. *see* LaVerne E. Stetson, P.E. 70623
Fuster, A. *see* Caballero, P. 86053
Fuster, J.M. *see* Marti, J. 99552
Fuster-Parra, P., Ligeza, A. Diagnostic knowledge representation and reasoning with use of AND/OR/NOT causal graphs 99857
Futagi, S. *see* Uesugi, M. 109561
Futakata, T., Tarusawa, Y., Ito, Y., Nojima, T. Noise reduction device using novel automatic wavelength-offset control for highly stable optical-microwave transmission systems 78840
Futakata, T., Tarusawa, Y., Nojima, T. Multi-terminal serial optical link (MSOL) for microwave transmission of mobile/personal communication systems 99587
Futako, W., Yoshino, K., Nakamura, K., Fortmann, C.M., Shimizu, I. Fabrication of high quality silicon related films with band-gap of 1.5 eV by chemical annealing 92894
Futami, R. *see* Kanoh, S. 108304
Futami, R. *see* Kurosawa, K. 110933
Futamoto, M. *see* Hirayama, Y. 115769
Futamoto, M. *see* Inaba, N. 64454
Futamoto, M. *see* Ishikawa, A. 64457
Futamoto, M. *see* Nolan, T.P. 64455
Futatsugawa, S. *see* Sera, K. 100378
Futerko, P. *see* Jensen, K.F. 82751
Futian Wu *see* Wu Futian
Futschik, K., Pfutzner, H. Electrode and media impedance for detection and characterization of microorganisms 110845
Futschik, K. *see* Pfutzner, H. 110738
Fuwa, Y. *see* Eguchi, M. 98169
Fuwa, Y. *see* Imura, H. 77382
Fuwa, Y. *see* Nakao, T. 62030
Fuwen Qin *see* Qin Fuwen
Fuxi Gan *see* Jianping Fan 117547
Fuxi Gan *see* Gan Fuxi
Fuyama, M. *see* Nakamoto, K. 115706
Fuyi Guan *see* Guan Fuyi
Fuyong Xu *see* Keyu Zhao 76542
Fuyuki, T. *see* Fujii, T. 92838
Fuyuki, T. *see* Furong Zhu 82758
Fuyuki, T. *see* Hatayama, T. 103984
Fuyuki, T. *see* Komatsu, Y. 112393
Fuyun Ling Convergence and output MSE of digital frequency-locked loop for wireless communications 113810
Fuzheng Zhou *see* Zhou Fuzheng
Fuzihira, K. *see* Sato, S. 91899
Fwu Jong-Kae *see* Jong-Kae Fwu
Fyath, R.S., Waily, R.S.A. Receiver analysis for gigabit-per-second non-regenerative optical fibre transmission systems: impact of phase-to-intensity noise conversion by chromatic dispersion 68484
Fyhn, M.F., Shiryaev, S.Y., Lundsgaard Hansen, J., Nylandsted Larsen, A. Surface morphology of silicon-tin alloys grown by molecular beam epitaxy on Si and Si$_{1-x}$Ge$_x$ substrates 82632
Fynn, K.A., Faraone, L. Laser beam induced current (LBIC) spatial imaging as a characterisation tool for infrared HgCdTe materials and devices 69153
Fynn, K.A., Siliquini, J.F., Nener, B.D., Dell, J.M., Faraone, L. Status of MWIR HgCdTe photovoltaic detector technology in Australia 69151
Fynn, K.A. *see* Siliquini, J.F. 69150
Fyodorov, A.A. *see* Zalessky, V.B. 80056
Fyodorov, A.A. *see* Zalessky, V.B. 100890
Fyodorov, V.B. Optoelectronic associatively switched truly nonblocking networks with free-space optical interconnects 85193
Fyong Fan Khong *see* Fan Khong Fyong

G., C.A.Gonzalez *see* Gonzalez G., C.A.
G., L.Perez *see* Perez G., L.
G., M.A.Herrara *see* Herrara G., M.A.
G., R.Gonzalez *see* Gonzalez G., R.
Ga Shaoyun *see* Dai Hongwei 81040
Ga-Lane Chen *see* Gang Wang 75242
Ga-Lane Chen *see* Xuan, J. 115756
Gaa, M., Kunz, R.E., Scholl, E. Dynamics of nascent current filaments in low-temperature impurity breakdown 83851
Gaal, I. Computing all power integral bases in orders of totally real cyclic sextic number fields 60840
Gaast, H.A.van der *see* van der Gaast, H.A.
Gaba, G. *see* Saad, O. 91179
Gaballa, H.E. *see* Arnfield, M.R. 80528
Gabara, T., Fischer, W. Capacitive coupling and quantized feedback applied to conventional CMOS technology 113822
Gabara, T., Fischer, W., Harrington, J., Troutman, W. Forming damped LRC parasitic circuits in simultaneously switched CMOS output buffers 113857
Gabathuler, E. *see* Bennet, J.M. 90165
Gabathuler, K. *see* Erdmann, W. 69864
Gabbay, D. *see* Kannell, G. 78431
Gabbitas, I. Bridging the ECAD/MCAD gap 60541
Gabbouj, M. *see* Li Song 117780
Gabbouj, M. *see* Pitas, I. 77270
Gabbouj, M. *see* Tabus, I. 77253
Gabbrielli, B. *see* Bastida, E.M. 62275
Gabel, K. *see* Delfyett, P.J. 96231
Gabel, K. *see* Richardson, M. 85430
Gabel, K. *see* Richardson, M.C. 96234
Gabella, P. *see* Alvis, J.R. 112982
Gabellone, L. *see* Cory, B.J. 70655
Gabidulin, E.M. Partial classification of sequences with perfect auto-correlation and bent functions 66236
Gabidulin, E.M., Fan, P.Z., Darnell, M. Asymptotic autocorrelation of Golomb sequences 66233
Gabillard, R. *see* Semet, C. 119338
Gabioud, C. *see* Nikles, M. 64696
Gabis, D.H., Loyalka, S.K., Storvick, T.S. Measurements of the tangential momentum accommodation coefficient in the transition flow regime with a spinning rotor gauge 99946
Gabisch, D. *see* Poech, M.-H. 112912
Gabitov, I., Turitsyn, S.K. Breathing solitons in optical fiber links 95669
Gabla, P.M. Future submarine networks: the benefit of new technologies 88064
Gabor, A. *see* Contreras, M.A. 103009
Gabor, A.H., Allen, R.D., Gallagher-Wetmore, P., Ober, C.K. Block and random copolymer resists designed for 193 nm lithography and environmentally friendly supercritical CO$_2$ development 105792
Gabor, A.H. *see* Gallagher-Wetmore, P. 115065
Gabor, A.M., Tuttle, J.R., Bode, M.H., Franz, A., Tennant, A.L., Contreras, M.A., Noufi, R., Jensen, D.G., Hermann, A.M. Band-gap engineering in Cu(In,Ga)Se$_2$ thin films grown from (In,Ga)$_2$Se$_3$ precursors 92938
Gabor, A.M. *see* Delahoy, A.E. 112333
Gabor, A.M. *see* Nelson, A.J. 103011
Gabor, A.M. *see* Tuttle, J.R. 112339
Gaborit, F. *see* Gurib, S. 116530
Gaborit, P. Mass formulas for self-dual codes over $\mathbf{Z}_4$ and $\mathbf{F}_q$+u$\mathbf{F}_q$ rings 76791
Gabovich, A.M., Rozenbaum, V.M., Voitenko, A.I. Nonadiabatic tunneling and finite screening length effects in three-layer structures 114844
Gabriagues, J.M. *see* Masetti, F. 78317
Gabriel, A. *see* Chechik, R. 80151
Gabriel, C. *see* Bothra, S. 63192
Gabriel, C. *see* Weling, M. 63358
Gabriel, C.T. Localized pattern-dependent damage to metal during etch [CMOS process] 105645
Gabriel, C.T., Nariani, S.R. Correlation of antenna charging and gate oxide reliability 84571
Gabriel, C.T. *see* Cheung, K.P. *(editor)* 103243
Gabriel, S.B. *see* Feynman, J. 70304
Gabrielli, A., Gandolfi, E., Masetti, M. Design of a family of VLSI high speed fuzzy processors 113982
Gabrielli, A., Gandolfi, E., Masetti, M., Maloberti, F. Design and preliminary results of high speed analog 1.0 μm CMOS MIN-MAX circuit for fuzzy architectures 83250
Gabrielli, A., Gandolfi, E., Masetti, M., Russo, M. High speed VLSI fuzzy processors designed for HEPE 100915
Gabrielson, T.B. *see* Rockstad, H.K. 88985
Gabrys, C.W. *see* Mulcahy, T.M. 95617
Gabucci, F.G. *see* Cevolani, G. 99712
Gac, C. *see* Beaudin, G. 79100
Gac, I.Le *see* Le Gac, I.
Gaca, J. *see* Strupinski, W. 105337
Gacek, A. *see* Graczyk, S. 110863
Gacek, A. *see* Jezewski, J. 110781
Gacek, Z., Rusek, T. Geometrical shaping of spacers in high voltage SF$_6$-insulated buses 80747
Gachagan, A., Hayward, G., Kelly, S.P., Galbraith, W. Characterization of air-coupled transducers 90859
Gachagan, A., Pierce, S.G., Philp, W.R., McNab, A., Hayward, G., Culshaw, B. Detection of ultrasonic Lamb waves in composite plates using optical-fibres 104221
Gachagan, A. *see* Hayward, G. 70559
Gachagan, A. *see* Pierce, S.G. 110176
Gachagan, A. *see* Wright, W.M.D. 101626
Gachev, I.G. *see* Zasypkin, E.V. 105042
Gacoin, T. *see* Chamarro, M.A. 74229
Gadagkar, H. *see* Casey, M.E. 70069
Gadd, R. *see* Taktak, A. 101379
Gaddis, N.B., Butler, J.R., Kumar, A., Queen, W.J. A 56-entry instruction reorder buffer 73429
Gaddoni, M. *see* Dozza, D. 113934
Gaddy, E.M. Cost trade between multijunction, gallium arsenide and silicon solar cells 70416
Gade, J., Rosenfalck, A., van Gils, M., Cluitmans, P. Modelling techniques and their application for monitoring in high dependency environments–learning models 110853
Gade, M., Alpers, W., Mingquan Bao, Huhnerfuss, H. Measurements of the radar backscattering over different oceanic surface films during the SIR-C/X-SAR campaigns 111308
Gade, M. *see* Melshelmer, C. 120804
Gadea, F. *see* Beaudin, G. 79100
Gadea, P.M., Santos-Garcia, G. Estimation and properties of average energies by band, centroids and spurious points for Spanish vocalic-utterances in a system of automatic speech recognition 76859
Gadeken, L.L., Madigan, W.P. Surface horizontal logging for radon at a Superfund site 101576
Gadenne, P. *see* Alvarez, F. 70600
Gadenne, P. *see* Rigoland, P. 76668
Gadepally, B. *see* Phanse, A.M. 63969
Gader, P.D. *see* Hongchi Shi 117697
Gader, P.D. *see* Yonggwan Won 77355
Gadetsky, S., Erwin, J.K., Mansuripur, M., Suzuki, T. Magneto-optical recording on patterned substrates 75232
Gadetsky, S., Mansuripur, M. Barkhausen jumps during domain wall motion in thin magneto-optical films 75173
Gadetsky, S.N. *see* Yung-Chieh Hsieh 75236
Gadh, R. *see* Kyonghun Lee 72231
Gadi, J., Yalamanchili, R., Shahid, M. Coupling single-mode fiber to uniform and symmetrically tapered thin-film waveguide structures using gadolinium gallium garnet 95696
Gadkari, D.B., Lal, K.B., Shah, A.P., Arora, B.M. Characterization of heavily Te doped InSb crystal growth by vertical directional solidification 103829
Gadkari, S., Rose, K. Robust vector quantisation by transmission energy allocation 97454
Gadomski, W. *see* Ratajska-Gadomska, B. 107510
Gadzhiev, Ch.M. Sequential method for verifying adequacy of mathematical models for multidimensional dynamical systems with biased measurements 99816
Gadzhiev, C.M. A robust method for fault detection in Kalman filters 66794
Gaebe, C. Analysis and compensation of ball-lens induced pupil distortion and spherical aberration 72297
Gaebe, C. *see* Sherry, W.M. 119228
Gaedicke, P., Krabs, R. Prefabricated compact sleeves with integrated field control in cold crimping technology for 6/10 to 18/30 kV MV cables 81121
Gaedke, K. *see* Otterstedt, J. 77537
Gaeggeler, H.W. *see* Parrat, Y. 100793
Gaertner, K. *see* Zentgraf, A. 94671
Gaertner, P.S. *see* Milroy, I.P. 91844
Gaertner, W. *see* Ban, J. 69810
Gaeta, A.L. *see* Kajava, T.T. 96206
Gaeta, A.L. *see* Lanzerotti, M.Y. 96722
Gaeta, A.L. *see* Lanzerotti, M.Y. 116672
Gaeta, M. *see* Amblard, P.O. 117411
Gaeta, M. *see* Amblard, P.O. 117412
Gafarov, R.M. *see* Afanas'ev, A.N. 62471
Gaffney, P. *see* Laugier, A. 109987
Gaffney, R. *see* Hucho, C. 106642
Gaffney, T.M. *see* Thomas, C.L. 90684
Gaffour, L. WKB method for analysing the electromagnetic field in a circular waveguide with linearly moving boundary 97227
Gafiteanu, R. *see* Joshi, S.M. 105102
Gafiteanu, R.A. *see* Fair, R.B. 114899
Gafney, H.D. *see* Tsang, C. 75105
Gafni, E. Simulation as an iterated task 98486
Gafni, E. *see* Bambos, N. 98637
Gafni, E. *see* Kleinrock, L. 78920
Gafsi, R. *see* Malki, A. 78663
Gafsi, R. *see* Malki, A. 110388
Gafurov, Kh.U. *see* Iordanishvili, E.K. 121884
Gafvert, U., Gubanski, S.M., Helgeson, A. Calculations of thermally stimulated depolarisation current from isothermal dielectric response data 69443
Gagara, L.S., Negru, E.A., Pleshka, V.N., Simashkevich, A.V., Sherban, D.A. Illumination controlled S-shaped current-voltage characteristics of p$^+$-nSi-ITO structures 84044
Gage, B. *see* Heckart, C. 108900
Gage, C. *see* Sholley, M. 88699
Gage, D.W. *see* Everett, H.R. 89481
Gage, E.C. *see* Milster, T.D. 64636
Gage, K.S., Williams, C.R., Ecklund, W.L. Application of the 915 MHz profiler for diagnosing and classifying tropical precipitating cloud systems 90781
Gagel, F. *see* Berthod, C. 62877
Gaggioli, N.G. *see* Quintian, F.P. 79695
Gaglia, A. *see* Balaras, C.A. 102352
Gaglia, A. *see* Santamouris, M. 122090
Gagliardi, C.A. *see* Chen, Y.K. 69865
Gagliardi, C.A. *see* Szymanski, J.J. 110589
Gagliardi, G. *see* Belforte, S. 90230
Gagliardi, G. *see* Belforte, S. 100984

Gagliardi, R., Caneve, M., Latini, M. WASP: wide area system secure protocol 118506
Gagliardi, T. *see* Levine, E.R. 90835
Gaglioti, E. *see* Baratella, P. 101712
Gagnaire, A. *see* Seassal, C. 106857
Gagnaire, M., Godlewski, P., Braneci, M. An intelligent hybrid type-II ARQ/FEC logical link control protocol for GSM mobile communication system 108859
Gagnaire, M., Kofman, D., Korezlioglu, H. An analytical description of the packet train model for LAN traffic characterization 118493
Gagnard-Landra, C. Somatosensory cortical and dermatome evoked potentials: a study conducted on 60 normal subjects. Results and their correlation relative to height and age 90497
Gagne, M. *see* Tsai, M.C. 88700
Gagne, P., Arsenault, H.H. Hybrid system using optical image compression and a neural system for parallel classification of images 117718
Gagnol, P., Marquet, A., Laidet, I., Vasseur, A. Industrial batteries in major electric power systems 102336
Gagnon, A. Exploiting new horizons of the synergistic radar concept for new outdoor perimeter sensor applications 119319
Gagnon, C. *see* Kamwa, I. 70703
Gagnon, C. *see* Nakra, H. 101715
Gagnon, C. *see* Nakra, H. 104348
Gagnon, D. Upgrading a clinker cooler: IKN clinker inlet distribution system ("KIDS") 82042
Gagnon, E., Rivest, J.-F., Greenspan, M., Burtnyk, N. A computer-assisted range image registration system for nuclear waste cleanup 108459
Gagnon, G., Currie, J.F., Brebner, J.L., Darwall, T. Efficiency of TiN diffusion barrier between Al and Si prepared by reactive evaporation and rapid thermal annealing 74615
Gagnon, G., Gujrathi, S.C., Caron, M., Currie, J.F., Tremblay, Y., Ouellet, L., Biberger, M., Reynolds, R. Effect of the oxidation of TiN on the stability of the Al/TiN interface 84142
Gagnon, G. *see* Carn, M. 63436
Gagnon, G. *see* Ouellet, L. 63434
Gagnon, H. *see* Bergevin, R. 67369
Gagnon, J. *see* Nakra, H. 101715
Gagnon, J.H. *see* Thompson, C.J. 101124
Gagnon, J.J., Potts, D.C., Park, S.C., Whitcomb, R.D. Corner point lot qualification technique 60584
Gagnon, L., Smaili, F.D. Speckle noise reduction of airborne SAR images with symmetric Daubechies wavelets 109763
Gagnon, R. *see* Senoussi, S. 106651
Gagnon, R.E. *see* Macnab, A.J. 90267
Gago, A. *see* De Zela, F. 107034
Gago-Sandoval, P.A. *see* Carey, R. 64817
Gahbauer, R.A. *see* Wambersie, A. 70194
Gahbauer, R.A. *see* Woollard, J.E. 90573
Gahl, J. *see* Grabowski, C. 62626
Gahler, C. *see* Herzog, R. 95391
Gahr, S. *see* Ejim, T.I. 92242
Gahr, S.A. *see* Holliday, A. 92235
Gai, G.L. *see* Ershov, V.P. 120114
Gai, M., Gurioli, M., Bruscaglioni, P., Ismaelli, A., Zaccanti, G. Laboratory simulations of lidar returns from clouds 111225
Gai, W. *see* Barov, N. 89644
Gai, W. *see* Lumpkin, A. 100541
Gai, W. *see* Schoessow, P. 89708
Gai Tong Vuong *see* Kandil, N. 101714
Gai Weixin, Chen Hongyi A novel CMOS current-mode analog multiplier based on the translinear principle 104728
Gai Weixin *see* Weixin Gai
Gai Xuemin *see* Li Jianjun 63831
Gaiani, E. *see* Barberis, S. 78419
Gaibraith, I. *see* Tang, P.J.P. 114775
Gaida, K. Before the transition to the broadband Internet 98683
Gaidash, V.A. *see* Vasiliev, A.S. 116327
Gaidelis, V. *see* Brazis, R. 74074
Gaidhani, A.G., Chuadhari, D.S. Electroencephalogram recording system 120420
Gaidis, M.C., Friedrich, S., Segall, K., Prober, D.E., Szymkowiak, A.E., Moseley, S.H. A superconducting X-ray spectrometer with a tantalum absorber and lateral trapping 69890
Gaidis, M.C., LeDuc, H.G., Mei Bin, Miller, D., Stern, J.A., Zmuidzinas, J. Characterization of low-noise quasi-optical SIS mixers for the submillimeter band 93773
Gaidon, T. *see* Refregier, P. 86962
Gaiduk, P.I. *see* Zentgraf, A. 94671
Gaidukov, M. *see* Vendik, I. 106733
Gaidukov, M.M. *see* Vendik, I.B. 75375
Gaier, C., Haas, H. A finite edge element method for transient skin effect in loaded multiconductor systems 62368
Gaiko, O.L. *see* Nevdakh, V.V. 75817
Gaikovich, K.P., Bogaturov, A.N., Gurvich, A.S., Kashkarov, S.S., Krivonozhkin, S.N., Shevtcov, B.M., Ivanov, V.K., Freylikher, V.D. Duct detection over the sea by TRANSIT measurements 107892
Gailhanou, M. *see* Jian Mi 82635
Gaillard, C., Prost, R., Degoue, P. 2k×2k three side buttable thinned CCD 100117
Gaillard, D., Delhote, C. Generalized monopulse technique for multiple sensors 68541
Gaillard, G. Accelerator based X-ray facilities applied to freight control 92297
Gaillard, H. *see* Stich, H. 88752
Gaillard, L. *see* Boch, P. 72961
Gaillard, P. *see* Stuerga, D.A.C. 91947
Gaillard, P. *see* Stuerga, D.A.C. 91948
Gaillard, R. *see* Buisson, J. 105846
Gaillard, R. *see* Fouillat, P. 74848
Gaillard, R. *see* Fouillat, P. 106180
Gaillard, R. *see* Marec, R. 73386
Gaillard, R. *see* Marec, R. 104564
Gaillard, S. *see* Bertru, N. 114758
Gaimari, G. *see* Fiaschi, G. 108978
Gaines, J. *see* Buijs, M. 75946
Gaines, J.M. *see* Petruzzello, J. 75945
Gaing, Z.L. *see* Leou, R.C. 102080
Gaio, E., Piovan, R., Toigo, V., Benfatto, I. Converter control strategies for reactive power reduction and compensation in ITER 102885
Gair, S., Canova, A., Eastham, J.F., Betzer, T. A new 2D FEM analysis of a disc machine with offset rotor 112003
Gair, S., Eastham, J.F., Canova, A. Effects of slot closure by soft magnetic powder wedge material in axial-field permanent magnet brushless machines 71372
Gair, S. *see* Eastham, J.F. 71829
Gaiser, H. *see* Badura, E. 69804
Gaiser, H. *see* Badura, E. 120203
Gaiser, H. *see* Langenbeck, B. 101415
Gaiser, P.W., Chang, P., Li Li Ocean surface wind direction retrievals using microwave polarimetric radiometer data 120790
Gaishun, V.E. *see* Boiko, A.A. 106912
Gaisler, J. *see* Stachetti, V. 80561
Gaisler, J. *see* Stachetti, V. 111050
Gaisler, V.A., Tenne, D.A., Moshegov, N.T., Toropov, A.I., Yaskin, A.A., Shebanin, A.P. Phonon spectra of GaAs/AlAs superlattices: the direct and inverse spectral problems 105322
Gaisser, T.K. *see* Bird, D.J. 110586
Gaitan, M. *see* Cavicchi, R.E. 119773
Gaitan, M. *see* Milanovic, V. 104881
Gaitanis, N., Gizopoulos, D., Paschalis, A., Kostarakis, P. An asynchronous totally self-checking two-rail code error indicator 104423
Gaitanis, N., Kostarakis, P., Paschalis, A. Totally Self Checking reconfigurable duplication system with separate internal fault indication 61772
Gaitanis, N. *see* Kostarakis, P. 119006
Gaiti, D. *see* Belarbi, N. 98826
Gaivoronsky, A.S. *see* Anisimov, Ye.I. 81117
Gaizauskasz, R. *see* Dixon, A. 99733
Gaj, J.A. *see* Merle d'Aubigne, Y. 62800
Gajda, J. Nonlinear Kalman filter procedure for instantaneous signal phase estimation 66656
Gajda, J. Application of nonlinear Kalman filter theory to nonstationary impedance identification problem 108350
Gajda, J., Szyper, M. Parametric optimization of measuring systems according to the joint error criterion 109968
Gajda, R. *see* Stepien, P. 65542
Gajda, R. *see* Stepien, P. 65543
Gajda, R. *see* Stepien, P. 116764
Gajendran, F. *see* Janardan, E.G. 112005
Gajewski, H. *see* Kunz, R.E. 84282
Gajic, A., Pejovic, S., Krsmanovic, L., Stojanovic, Z. Methods of representation of characteristics of performance of hydraulic machines 111821
Gajl, O. *see* Nowicki, A. 110800
Gajowniczek, P. Intelligent networks: the key to new services 109183
Gajowniczek, P. *see* Bak, A. 118277
Gajowniczek, P. *see* Pioro, M. 117996
Gajre, S.S. *see* Manthalkar, R.R. 120419
Gajski, D.D. *see* Bakshi, S. 61959
Gajski, D.D. *see* Bakshi, S. 117381
Gajski, D.D. *see* Hsiao-Ping Juan 113680
Gak Kim Jae *see* Jae Gak Kim
Gakhovich, D.E., Grabchikov, A.S., Orlovich, V.A., Pesotskij, V.I., Sevruk, B.B., Kamach, Yu.E., Shapiro, L.L., Dvornikov, S.S., Tugbaev, V.A. Highly efficient source of eye-safe radiation based on KTP optical parametric oscillator 107491
Gal, A. *see* Babai, L. 92460
Gal, D., Beier, J., Moons, E., Hodes, G., Cahen, D., Kronik, L., Burstein, L., Mishori, B., Leibovitch, M., Shapira, Y., Hariskos, D., Klenk, R., Schock, H.-W. Band diagram and band line-up of the polycrystalline CdS/Cu(In,Ga)Se$_2$ heterojunction and its response to air annealing 105135
Gal, D. *see* Moons, E. 121882
Gal, L., Hajdu, I., Pinkola, J., Szigeti, S., Toth, E. Teaching environmental protection to electronic engineers 72149
Gal, M. *see* Kim, Y. 114737
Gal, M. *see* Kraisingdecha, P. 105308
Gal, M. *see* Leon, R. 105384
Gal, M. *see* Tan, H.H. 61211
Gal, R., van Genuchten, M. Embedded software and the changes in the electrotechnical industry 112841
Galaev, I.I., Rotinyan, M.A., Tret'yakov, N.E., Fedorov, I.A., Shul'pyakov, I.O. Measuring gain of a lasing medium with a laser beam generated in a sample material 76097
Galagedera, S.B., Brierton, B., Halsall, R., Moss, C., Perera, V.J.O., Quinton, S.P.H., Watt, M., Boyle, O., Main, A., Mckay, N., Peach, K. The data merger readout controller for the NA48 experiment data acquisition electronics 90216
Galagedera, S.B., Brierton, B., Halsall, R., Moss, C., Perera, V.J.O., Quinton, S.P.H., Watt, M., Boyle, O., Main, A., McKay, N., Peach, K. The data merger readout controller for the NA48 experiment data acquisition electronics 100941
Galajda, P. *see* Levicky, D. 66838
Galaktionov, M.S. *see* Drescher, P. 105007
Galambos, G. *see* Bekesi, J. 108189
Galan, J. *see* Ayllon, F.G. 87482
Galan, J. *see* Bonilla, L.L. 62970
Galan, N., Ciumbulea, G., Ulici, A. The electromagnetic field into the multilayer rotor of the hysteresis motor 102678
Galan, N. *see* Ciumbulea, G. 107705
Galanin, M.P., Plekhanov, A.V., Savichev, V.V. The investigation of the behavior of metal contact during electrodynamic acceleration of conducting bodies 97006
Galantai, A., Jeney, A. Quasi-Newton ABS methods for solving nonlinear algebraic systems of equations 72645
Galanti, S.A., Berzins, L.V., Brown, J.B., Tamosaitis, R.S., Bortz, M.L., Day, T., Fejer, M.M., Wang, W. Demonstration of a vapor density monitoring system using UV radiation generated from quasi-phasematched SHG waveguide devices 96699
Galantowicz, J.F., Entekhabi, D. Soil moisture and temperature determination by recursive assimilation of multifrequency observations using simplified models of soil heat and moisture flow and emission 120845
Galantucci, L.M. *see* Demelio, G. 69742
Galasco, R.T., Molla, J.A. Bias potential gold plating on tin 62505
Galassini, S. *see* Jaksic, M. 100822
Galat-Skey, R. *see* Breidenthal, R.S. 64869
Galateanu, L., Baicu, F. Screening the reliable chips by laser acceleration of deep levels recombination 94461
Galati, G., Naldi, M., Ferri, M. Reconstruction of the 3D reflectivity field of precipitation through anisotropic regularization 68573
Galati, G., Perrotta, G., Di Girolamo, S., Mura, R. Space-based SSR constellation for global air traffic control 90729
Galatis, K.N. *see* Bezuidenhoudt, S.J. 102296
Galatsanos, N.P. *see* Choi, M. 86493
Galatsanos, N.P. *see* Choi, M.G. 117768
Galatsanos, N.P. *see* Mesarovi, V.Z. 101172
Galaup, J.P. *see* Boilot, J.P. 75397
Galayda, J. *see* Chung, Y. 100614
Galayda, J.N. The Advanced Photon Source 79902
Galbiati, M. *see* Ariante, M. 95405
Galbiati, P. *see* Contiero, C. 104329
Galbraith, A.E., Reagan, J.A., Spinhirne, J.D. Cirrus cloud detection by micro pulse lidar: Algorithm development and testing 120795
Galbraith, A.E. *see* Reagan, J.A. 120764
Galbraith, I., Koch, S.W. A comparison of lasing mechanisms in ZnSe and GaAs 75958
Galbraith, I. *see* Ciesla, C.M. 105348
Galbraith, I. *see* Gontijo, I. 114785
Galbraith, I. *see* Heiss, W. 62960
Galbraith, J.M., Galloway, K.F., Schrimpf, R.D., Johnson, G.H. Reliability challenges for low voltage/low power integrated circuits 115325
Galbraith, R.L. *see* Tang, Y. 64420
Galbraith, W. *see* Gachagan, A. 90859
Galczak, J. Charge carrier generation in liquid hydrocarbons 91595
Galdemard, P. *see* Rothan, F. 69311
Galdetskiy, A.V. Distributed amplifier based on FEA: new approach 74006
Galdetsky, A.V. *see* Zhimov, V.V. 73972
Galdi, C. *see* Conte, E. 111250
Galdikas, A., Mironas, A., Senuliene, D., Setkus, A. Metal-metal oxide sandwich: a new gas sensitive structure for smart sensors 89191
Galdikas, A., Mironas, A., Senuliene, D., Shetkus, A. The influence of Cu doping on gas-controlled electrical properties of tin oxide thin films 74546
Galdikas, A., Mironas, A., Setkus, A. Field effect controlled CO gas dependent resistance switching in tin oxide based multi-layer structure 69356
Galdikas, A., Mironas, A., Shetkus, A., Dapkus, L., Kazlauskiene, V., Mishkinis, J., Prikhodko, A.V., Ivanov-Omskii, V.V. Gas sensing properties of Cu$_x$O-based thin films 79597
Galdrikian, B. *see* Unterrainer, K. 105399
Gale, A. *see* Watson, A.B. 89427
Gale, F.C.T. *see* Hoeher, P. 88800
Gale, G., Busnaina, A., Dai, F., Kashkoush, I. How to accomplish effective megasonic particle removal [IC cleaning] 114925
Gale, G.M. *see* Gallot, G. 76212
Gale, G.M. *see* Hache, F. 89534
Gale, I. *see* Capper, P. 94719
Gale, M.T. *see* Heine, C. 85247
Gale, M.T. *see* Kempen, L.U. 75559
Gale, P. *see* Brown, R. 102239
Gale, P. *see* Jensen, R. 91237
Gale, R.P. *see* Spitzer, M.B. 85341
Galeazzi, F. *see* Martellotti, G. 80122
Galeev, R.S. Theoretical analysis of a fast axial flow CO$_2$ laser with the conical discharge tube 107046

Galeev, R.S., Fedosov, A.A. Numerical modelling of a fast axial flow CO_2 laser with considering viscosity and ambipolar diffusion 107043
Galeme, Y. Self-screening of the ferroelectric polarization in smectic C* cells in the bookshelf geometry 85108
Galeotti, M. *see* Giordano, H. 82627
Galeotti, S. *see* Belforte, S. 90230
Galeotti, S. *see* Belforte, S. 100984
Galerne, P. *see* Yao, K. 66974
Gales, M.J.F., Young, S.J. Robust continuous speech recognition using parallel model combination 108227
Galhotra, V., Sangishetty, V., Ma, E., Kelly, K. Electroplated nickel mould insert for LIGA 74909
Galiana, F.D. *see* Almeida, K.C. 101734
Galiana, F.D. *see* Belenguer, E. 80960
Galiana, F.D. *see* Delly Oliveira, F. 70789
Galiana, F.D. *see* McGillis, D.T. 70836
Galiano, M. *see* Robles, S. 61334
Galiano, M. *see* Robles, S. 63456
Galias, Z. *see* Ogorzalek, M.J. 86171
Galica, J.P. *see* Holley, W.H. 112388
Galik, R.S. CLEO and CESR upgrades: near- and long-term development 120130
Galin, I. Millimeter-wave mixers with Schottky diodes, for superheterodyne spaceborne radiometers–review and predictions 83391
Galin, L., Messer, H. Robust processing of heavy tails signals–comparison of approaches 117498
Galindo, D. *see* Calvet, M.C. 111048
Galindo, R.A. *see* Levy, R.P. 110882
Galindo, S., Lopez, R. A red perpex 4034 dose reader 90648
Galindo-Uribarri, A. *see* Fox, D. 90136
Galinski, B. *see* Urbas, A. 104674
Galinski, G. *see* Sumption, M.D. 64526
Galinski, G. *see* Sumption, M.D. 84864
Galiotis, C. *see* Arjyal, B. 79727
Galipeau, D.W. *see* Vetelino, K. 110465
Galipeau, D.W. *see* Vetelino, K.A. 89029
Galiulin, R.M., Galiulin, R.M., Bakirov, J.M., Bogdanov, D.R., Shulupin, C.O., Khamitov, D.H., Khabibullin, M.G., Pavlov, A.F., Ryabov, M.S., Yamaliev, K.N. Computer-aided laser-optoelectronic "OPTEL" 3-D measurement systems of complex shaped object geometry 107673
Galiulin, R.M. *see* Galiulin, R.M. 107673
Galjee, M.A., van Rossum, A.C., Doesburg, T., Hofman, M.B.M., Falke, T.H.M., Visser, C.A. Quantification of coronary artery bypass graft flow by magnetic resonance phase velocity mapping 101273
Galkiewicz, T., Krolak, M., Kowal-Michalska, K. Analysis of behaviour of transformer coils loaded by radial concentrated forces 81515
Galkin, A. *see* Golosovsky, M. 100266
Galkin, A.F. *see* Davidov, N.N. 106748
Galkin, I.A., Reinisch, B.W., Ososkov, G.A., Zaznobina, E.G., Neshyba, S.P. Feedback neural networks for ARTIST ionogram processing 120760
Galkin, N.G., Velitchko, T.V., Skripka, S.V., Khrustalev, A.B. Semiconducting and structural properties of $CrSi_2$ A-type epitaxial films on Si(111) 113307
Galkin, O.N., Kravchenko, V.I., Parkhomenko, Yu.N., Plaksij, Yu.S. Laser with the tunable shape of irradiation spectrum 107446
Galkin, O.N. *see* Andrienko, V.B. 75888
Galkin, S.L., Kokosiyska, M.B., Minkov, B.I., Yurkina, A.Yu. Practical quantum communications channels 88503
Galkowski, J. *see* Stevens, C.G. 70483
Gall, C. *see* Kuo, C.Y. 78814
Gall, C.A.Le *see* Le Gall, C.A.
Gall, H.Le *see* Le Gall, H.
Gall, J.Y.Le *see* Le Gall, J.Y.
Gall, K. *see* Mauceri, T. 80448
Gall, Y. *see* Briot, M. 87185
Galla, H.-J. *see* Wegener, J. 120456
Gallager, R.G. *see* Kaminow, I.P. 77942
Gallager, R.G. *see* Medard, M. 117114
Gallagher, A.C. *see* Molenbroek, E.C. 61405
Gallagher, B. *see* Warring-Davies, K.J. 120268
Gallagher, C., Lawlor-Wright, T. A review of PCB design for in-circuit testability guidelines and systems 83580
Gallagher, C., Matijasevic, G., Capote, M.A. Transient liquid phase sintering conductive adhesives 94066
Gallagher, D., Richards, J., Scafuri, F., Armstrong, C. High power peniotron development at Northrop Grumman 114525
Gallagher, D. *see* Bhargava, R.N. 62713
Gallagher, F.W., III, Brock, F.V. Instrument for the in situ measurement of haze in aircraft windscreens 79435
Gallagher, J. *see* Tesch, P.P. 107376
Gallagher, J.M., McClung, B. Electrical hot working safety program 82030
Gallagher, K., Johnson, F., Kirkpatrick, E.M., Scott, J.H., Majetich, S., McHenry, M.E. Synthesis, structure, and magnetic properties of Fe-Co alloy nanocrystals 115578
Gallagher, M. *see* Bartlett, A. 88084
Gallagher, M. *see* Piggin, P.W. 86034
Gallagher, N. *see* Neudeck, G.W. 92683
Gallagher, N.C. *see* Tanveer Ul Haq 95722
Gallagher, P.K. Low cost imaging solutions for quality control 103497
Gallagher, S., Mayton, A.G., Unger, R.L., Hamrich, C.A., Sonier, P. Computer design and evaluation tool for illuminating underground coal-mining equipment 71965
Gallagher, S. *see* Peri, M.L. 100132
Gallagher, T. *see* Hu, B.H.L. 115661
Gallagher, W.J. *see* Sun, J.Z. 64556
Gallagher-Wetmore, P., Ober, C.K., Gabor, A.H., Allen, R.D. Supercritical fluid processing: Opportunities for new resist materials and processes 115065
Gallagher-Wetmore, P. *see* Gabor, A.H. 105792
Gallagher-Wetmore, P. *see* Jeffries, A.T., III 105797
Gallaher, A.B. *see* Hardie, D.J.W. 88724
Gallaher, N.R. *see* Blewett, I.J. 65276
Gallardo, J. *see* van Steenbergen, A. 119960
Gallardo, J.C. *see* Palmer, R.B. 79798
Gallas, B., Berbezier, I., Chevrier, J., Derrien, J. Gallium-mediated homoepitaxial growth of silicon at low temperatures 103969
Gallasch, E. *see* Rafolt, D. 90264
Gallassi, G., Verri, L. Experiments on traffic control for ATM networks 117968
Galleano, R. *see* White, D.R. 119664
Gallego, A., Carrion, M.C., Ruiz, D.-P., Morente, J.A. Improved S-pulse automated scheme using subsectional polynomial basis functions 78957
Gallego, A. *see* Ruiz, D.P. 66751
Gallego, C.J. *see* Grunenfelder, R. 77840
Gallego, E. *see* Calero, J. 89547
Gallego, J.D. *see* Munoz, S. 83395
Gallegos, J.M., Villalobos, J.R., Carrillo, G., Cabrera, S.D. Reduced-dimension and wavelet processing of SMD images for real-time inspection 73849
Gallegos, R.R. *see* Loubriel, G.M. 94873
Gallem, D. *see* Pollak-Diener, G. 94646
Gallen, N.A. *see* Sharp, J.H. 75521
Gallenkamp, T. *see* Gick, B. 70851
Gallerano, G.P. *see* Bulfone, D. 76053
Gallerano, G.P. *see* Doria, A. 76049
Gallerano, G.P. *see* Doria, A. 96449
Gallerano, G.P. *see* Walker, R.P. 96521
Gallert, F. Design of the aplanatic and anastigmatic two mirror four reflection system 116169
Gallert, F. Design examples of diffraction-limited catadioptric objectives 116170
Gallet, B., Berriaud, C., Dael, A., Gelebart, J.C., Lesmond, C., Mayri, C., Thinel, J., Vernin, P. Test results of the Q1 quadrupoles for the CEBAF high resolution spectrometer 90054
Gallet, B. *see* Baze, J.M. 90186
Gallet, B. *see* Kircher, F. 95567
Galletti, C. *see* Giannotti, E. 112787
Galli, A. *see* Alei, S. 93728
Galli, A. *see* Baccarelli, P. 85938
Galli, A. *see* Baccarelli, P. 115857
Galli, A. *see* Di Nallo, C. 85946
Galli, A. *see* Di Nallo, C. 93683
Galli, A. *see* Di Nallo, C. 117021
Galli, A.W., Heydt, G.T., Ribeiro, P.F. Exploring the power of wavelet analysis 120952
Galli, R. *see* Blonde, L. 79151
Galli, S. *see* Baccarelli, E. 99267
Galli, S. *see* Cusani, R. 66627
Gallia, J.D., Landers, R.J., Shaw, C.-H., Blake, T.G.W., Banzhaf, W. A flexible gate array architecture for high-speed and high-density applications 61735
Gallice, J. *see* Khadraoui, D. 117565
Gallice, J. *see* Martinet, P. 86778
Gallice, J. *see* Trassoudaine, L. 98069
Gallice, J. *see* Trassoudaine, L. 117654
Galligani, E., Ruggiero, V., Zanni, L. Splitting methods for constrained quadratic programs in data analysis 92588
Galligo, M. *see* Rousseau, E. 99141
Gallio, M. *see* Lundin, M. 69805
Gallion, P. *see* Nuyts, R.J. 109666
Gallivan, K., Thirumalai, S., Van Dooren, P. On solving block Toeplitz systems using a block Schur algorithm 60992
Gallix, R. *see* O'Neill, R.C. 105029
Gallo, A. *see* Boni, R. 89750
Gallo, A.A., Bischof, C.S., Howard, K.E., Dunmead, S.D., Anderson, S.A. Moisture resistant aluminum nitride filler for high thermal conductivity microelectronic molding compounds 112928
Gallo, P.-J. *see* Burnham, N.A. 69512
Gallo, S.A. *see* Keusseyan, R.L. 89281
Galloni, R. *see* Giorgis, F. 92841
Gallop, J.C., Langham, C.D., Abbas, A. Dielectric loaded HTS resonators 62166
Gallop, J.C. *see* Abbas, F. 93812
Gallop, J.C. *see* Abbas, F. 114221
Gallop, J.C. *see* White, D.R. 119664
Gallopoulos, E. *see* Simoncini, V. 60996
Gallot, G., Hache, F., Zeboulon, A., Driscoll, T.J., Gale, G.M. Cascaded second order nonlinear effects of BBO in the femtosecond range: selfcompression in a optical parametric oscillator 76212
Galloway, J., Pazmany, A., McIntosh, R., Kelly, R., Vali, G. Calibration of an airborne W-Band polarimeter using drizzle and a trihedral corner reflector 111213
Galloway, K.F. *see* Galbraith, J.M. 115325
Galloway, K.F. *see* Johnson, G.H. 63689
Galloway, K.F. *see* Mouret, I. 74744
Galloway, K.F. *see* Mouret, I. 106025
Galloway, P.C.M., Ferstl, M., Kuhlow, B., Pawlowski, E., Przyrembel, G. Segmented Fresnel zone lens elements with several primary foci 116777
Galloway, R.L. *see* Schreiner, S. 101199
Galloway, S.A., Brinkman, A.W., Durose, K., Wilshaw, P.R., Holland, A.J. A study of the effects of post-deposition treatments on CdS/CdTe thin film solar cells using high resolution optical beam induced current 81899
Galloway, S.A., Holland, A.J., Durose, K. A study of CdS/CdTe thin film solar cells using beam injection techniques 81889
Galloway, S.A. *see* Loginov, Y.Y. 102988
Gallucci, F. The certification of electrotechnical, electronic, and software companies 60690
Galluccio, A., Loebl, M. Cycles of prescribed modularity in planar digraphs 103643
Galluzzi, F. *see* de Cesare, G. 100021
Galluzzi, F. *see* Salvatori, S. 85279
Galluzzi, F. *see* Salvatori, S. 114690
Galluzzo, G.R. *see* Miceli, R. 112566
Galluzzo, G.R. *see* Trapanese, M. 91900
Gally, Y. *see* Abbes, M. 90145
Galoch, J. *see* Mosinski, F. 91594
Galperin, A., Waksman, Z. Newton-type methods under regular smoothness 82518
Galperin, Yu. *see* Shiltont, J.M. 74326
Galperin, Yu.M. *see* Hanke, U. 95082
Galperin, Yu.M. *see* Hessling, J.P. 64534
Galster, W. *see* Catford, W.N. 69884
Galstyan, T. *see* Lessard, R.A. 85188
Galstyan, T.V., Drnoyan, V.E., Arakelian, S.M. Self-induced oscillations and asymmetry of the light angular spectrum in a dye doped nematic 85721
Galstyan, V.G. *see* Givargizov, E.I. 72905
Galtier, F. *see* Besson, O. 119954
Galtier, P. *see* Sussiau, M. 95345
Galton, I. Noise-shaping D/A converters for $\Delta\Sigma$ modulation 114013
Gal'tsev, Yu.K. *see* Berner, M.S. 103174
Galup-Montoro, C. *see* Goncalves, R.T. 93557
Galup-Montoro, C. *see* Goncalves, R.T. 104696
Galup-Montoro, C. *see* Schneider, M.C. 93624
Galushkin, M. *see* Afanas'ev, L. 107530
Galushkin, M.G., Golubev, V.S., Dembovetskii, V.V., Zavalov, Yu.N., Zavalova, V.E. Influence of a radial inhomogeneity of the active medium on the output radiation power from a cw CO_2 laser with fast axial flow 107125
Galushkin, M.G., Golubev, V.S., Dembovetsky, V.V., Zavalov, Yu.N., Zavalova, V.Ye. Influence of turbulent diffusion of excited molecules upon energy parameters of fast-axial-flow CO_2 laser 107045
Galushkin, M.G., Golubev, V.S., Dembovetsky, V.V., Zavalov, Yu.N., Zavalova, V.Ye., Panchenko, V.Ya. Amplification and nonlinear losses in relaxing laser mixture of continuous wave fast-axial-flow CO_2 lasers 107044
Galushkin, M.G., Golubev, V.S., Novodvorsky, O.A., Sagdeev, R.Ya. Amplifying optical scheme in high-power continuous-wave industrial CO_2-lasers 107418
Galushkin, M.G., Goluvev, V.S., Dembovetskii, V.V., Zavolov, Yu.N., Zavalova, V.E., Panchenko, V.Ya. Amplification and nonlinear losses in a CW CO_2 laser with fast axial flow 85366
Galushkin, M.G., Mitin, K.V., Spiridonov, K.A. Phase conjugation at four-wave interaction of laser beams in the UV range 96593
Galushkin, M.G. *see* Vasiltsov, V.V. 107083
Galushko, V.G., Yampolski, Y.M. Ionospheric diagnostics using wave field diffraction near the caustic 120759
Galuskin, M.G., Mitin, K.V., Sviridov, K.A. Phase conjugation ultraviolet laser beam by four wave mixing 116689
Galvagni, J. *see* Scheider, D. 114347
Galvan, C. *see* Rodriguez Tellez, J. 95032
Galvan, J.C., Bastidas, J.M., Feliu, S. The corrosive effect of soldering fluxes on printed circuit boards 62458
Galvanauskas, A., Krug, P.A., Harter, D. Nanosecond-to-picosecond pulse compression with fiber gratings in a compact fiber-based chirped-pulse-amplification system 95675
Galvanauskas, A. *see* Radic, S. 75497
Galvao, D.S. *see* Dantas, S.O. 83648
Galvao, L.C.R. *see* Bovolato, L.F. 102055
Galvez, J. *see* Calero, J. 89547
Galvez, J.M., de Araujo, L.P. Multivariable control design in the frequency domain for an industrial electrical tubular oven 91942
Galvez, M. 3-D thermo-fluid computer simulations of cylindrical horizontal HID lamps 104984
Galvin, J.M., Leavitt, D.D., Smith, A.A. Field edge smoothing for multileaf collimators 80462
Galwas, B. *see* Lozowski, A. 119845
Galy, C., Graffeuil, J., Larroque, J., Vigneron, S. A Ku-band MMIC transversal band-pass active filter 62335
Galy, C. *see* Zoyo, M. 82948
Galy, C. *see* Zoyo, M. 93908
Galy, Ph., Berland, V. Ideal Gummel curves simulation of high current gain vertical NPN BIMOS transistor 74861
Galyon, G. *see* Singh, P. 71454

Gam, K.S. *see* Kim, Y.-G. 119665
Gam Kee Sool *see* Kee Sool Gam
Gama, S., Ribeiro, C.A., Cabral, F.A.O., Colucci, C.C., de Morais, E., Sanjurjo, N.L., Campos, C., Ardisson, J.D., Persiano, A.I.C. Characterization of Fe$_{17}$R$_2$ phases (R=Pr and Sm) oxidized at 200°C 75103
Gama, S. *see* Cabral, F.A.O. 115503
Gamache, C., Descamps, D., Husson, D., Seznec, S., Migus, A. Amplification of broad-band chirped pulses up to the 100-mJ level using alexandrite-pumped neodymium-doped glasses 96175
Gamache, J.F., Marks, F.D., Jr., Roux, F. Comparison of three airborne Doppler sampling techniques with airborne in situ wind observations in Hurricane Gustav (1990) 90774
Gamachi, Y., Ohtsuki, T., Uehara, H., Sasase, I. Optical synchronous PPM/CDMA systems using co-channel interference cancellation 87372
Gamachi, Y., Ohtsuki, T., Uehara, H., Sasase, I. Performance analysis of optical synchronous PPM/CDMA systems with interference canceller under number-state light field 99525
Gamal, A.El *see* El Gamal, A.
Gamal, G.A., Nagat, A.T., Nassary, M.M., Abou-Alwafa, A.M. Some physical properties of Ga$_2$Se single crystals 83886
Gamal, G.A., Nassary, M.M. Crystallization and thermoelectric power of Tl$_2$Te$_3$ single crystals 83885
Gamalski, J. *see* Albrecht, H.-J. 92237
Gamaz, N. *see* Panchanathan, S. 108711
Gamba, D. *see* Alvsvaag, S.J. 90124
Gamba, P., Perregrini, L. H-plane waveguide junction design with mechanical and technological constraints 114193
Gamba, P. *see* Bressan, M. 65933
Gamba, P. *see* Franchi, G. 117883
Gamba, P. *see* Marazzi, A. 120747
Gambaccini, M., Taibi, A., Del Guerra, A., Frontera, F. Small-field imaging properties of narrow energy band X-ray beams for mammography 90365
Gambaccini, M., Taibi, A., Del Guerra, A., Frontera, F. Small-field imaging properties of narrow energy band X-ray beams for mammography 90433
Gambaccini, M. *see* Beccherle, R. 80297
Gambaccini, M. *see* Calicchia, A. 110684
Gambaccini, M. *see* Dal Fiume, D. 101038
Gambaccini, M. *see* Del Guerra, A. 101315
Gambacorti, N. *see* Bruni, M.R. 63050
Gambacorti, N. *see* Scarinci, F. 113321
Gambarani, G.P. *see* Stead, R.P. 70359
Gambardella, L.M., Dorigo, M. Solving symmetric and asymmetric TSPs by ant colonies 92557
Gambardella, U. *see* Boffa, V. 72793
Gambaro, D. *see* Jacob, M. 94216
Gambel, W. *see* Vojdani, A.F. 102005
Gambi, E. *see* Cancellieri, G. 88057
Gambini, P. Use of wavelengths in optical networks 99519
Gambini, P. *see* Bendelli, G. 78316
Gambini, P. *see* Masetti, F. 78317
Gambino, J.P., Jaso, M.A., Aochi, H., Tsunashima, Y., Peschke, M., Bronner, G.B. Integration of BPSG in a 0.25μm DRAM process 63457
Gambino, R.J. *see* Fumagalli, P. 75072
Gambino, R.J. *see* Kim, T.W. 64298
Gambino, R.J. *see* Lien-Chang Wang 72879
Gambino, R.J. *see* Tsang, C. 75105
Gambino, R.J. *see* Wu, K.T. 75201
Gambirasio, A. *see* Croitoru, N. 90181
Gamble, B.B., Snitchier, G.L., Schwall, R.E. Prospects for HTS applications 95395
Gamble, H. *see* De Courcy, M. 63629
Gamble, H. *see* McStay, K. 63910
Gamble, H.G. *see* Fusco, V.F. 93934
Gamble, H.G. *see* Hu, Z.R. 83297
Gamble, H.S. *see* Bailey, P.T. 63158
Gamble, H.S. *see* Goh, W.L. 63460
Gamble, H.S. *see* Montgomery, J.H. 82718
Gamble, H.S. *see* Parkes, C. 84063
Gamble, H.S. *see* Quinn, L.J. 63677
Gambosi, G. *see* Draoli, M. 118452
Gambrel, D. *see* Koch, R.H. 95510
Gameiro, A. A class of MSK-type pulse formats with superior performance in differentially coherent detection 66266
Gameiro, A. Performance evaluation of an improved ARQ technique to control errors in integrated service packet networks 118157
Gameiro, A. *see* Matos, J. 93191
Gameiro, A. *see* Matos, J. 114245
Gamelin, J., Goodman, M., Jackel, J., Pathak, B., Chang, G.-K., Tomlinson, W.J., Cordell, R., Zah, C.E., Lee, T.P., Brackett, C., Dreze, C., Pollex, D., Sitch, J., Willemson, H., Pedrotti, K., Wang, K.C., Walden, R., Stanchina, W., Fritz, D., Ade, R., Hobbs, R., Haigh, R., McCammon, K., Lennon, W. 8-channel reconfigurable WDM networking demonstration with wavelength translation and electronic multicasting at 2.5 Gbit/s 88652
Gamelin, J. *see* Yoo, S.J.B. 64816
Gamelin, J. *see* Zah, C.E. 68417
Gamelin, J.K. *see* Chang, G.K. 109662
Gamelin, J.K. *see* Gee-Kung Chang 78915
Gamelin, J.K. *see* Lee, T.-P. 78880
Games, R.A., Key, E.L., Rushanan, J.J. Binary trinomials divisible by a fixed primitive polynomial 66481
Gamet, R. *see* Bennet, J.M. 90165
Gamidov, R., Taskin, I., Cetintas, M., Sautenkov, V. Unmodulated external-cavity diode laser stabilised on caesium D$_2$ line 85506
Gamiz, F., Roldan, J.B., Lopez-Villanueva, J.A., Carcelier, J.E. Electron velocity saturation in quantized silicon carbide inversion layers 114669
Gamiz, F., Roldan, J.B., Lopez-Villanueva, J.A., Carceller, J.E., Cartujo, P. Strained Si/SiGe heterostructures at low temperatures. A Monte Carlo study 94610
Gamiz, F., Roldan, J.B., Lopez-Villanueva, J.A., Cartujo, P. Coulomb scattering in strained-silicon inversion layers on Si$_{1-x}$Ge$_x$ substrates 94608
Gamiz, F. *see* Banqueri, J. 74746
Gamiz, F. *see* Banqueri, J. 95015
Gamiz, F. *see* Roldan, J.B. 94975
Gamiz, F. *see* Roldan, J.B. 115188
Gamm, A., Palamarchuk, S. Two-stage approach to power system state control 101881
Gamm, A.Z., Golub, I.I. The problem of weak places in electric power systems 101969
Gammage, R.B., Meyer, K.E., Brock, J.L. The use of passive detectors to monitor tritium on surfaces 110964
Gammel, P.L. *see* Hampel, G. 83343
Gammie, G. *see* Greer, J.A. 82765
Gammie, G. *see* Palevsky, A. 89368
Gammon, D., Snow, E.S., Katzer, D.S. Naturally formed GaAs quantum dots 105429
Gammon, D., Snow, E.S., Shanabrook, B.V. Optical spectroscopy of a single naturally formed GaAs quantum dot 105316
Gamo, H., Kanemaru, S., Itoh, J. Amorphous-silicon-on-glass field emitter arrays 62576
Gamo, K. Nanofabrication by FIB 115257
Gamo, K. *see* Herfort, J. 105250
Gamo, K. *see* Tsukagoshi, K. 94530
Gamo, K. *see* Yoshiiwa, M. 115109
Gamo, N. *see* Tajima, T. 100491
Gamo, T., Tsuji, Y., Moriwaki, Y. Development of hydrogen adsorption alloys with a AB$_2$ type Laves phase and their applications to metal hydride electrodes 71654
Gamo, T. *see* Taniguchi, N. 81744
Gamo, T. *see* Taniguchi, N. 81786
Gamsu, G. *see* Andriole, K.P. 111012
Gan, D., Hayashi, Y., Nara, K., Du, Z., Wang, X., Wang, X. A novel automatic contingency selection algorithm for dynamic security assessment 80876
Gan, D., Qu, Z., Cai, H., Wang, X. Loadability of generation/transmission systems with unified steady-state and dynamic security constraints 121077
Gan, D.S. *see* Sheppard, C.J.R. 75429
Gan, H. *see* Chew, W.C. 76408
Gan, K.J. *see* Su, Y.K. 84426
Gan, K.K., Daubenmier, C.M., Kagan, H., Kass, R., Sadoff, A.J. Study of helium-based drift chamber gases 90132
Gan, L. *see* Annakkage, U.D. 80883
Gan, M.A., Tchernenko, V.G. Simulation of the electro-optical non-imaging systems 116119
Gan, M.A., Zhdanov, D.D., Novoselskiy, V.V., Fedorov, A.O., Potyemin, I.S., Ustinov, S.I., Starkov, A.A., Smirnov, S.E. DEMOS III: new possibilities 64860
Gan, T.-H., Chan, Y.-J., Wu, C.-S. S-band and X-band monolithic microwave amplifier design using pseudomorphic AlGaAs/In$_{0.15}$Ga$_{0.85}$As high electron mobility transistors (HEMTs) 62350
Gan, W.-S. Fuzzy step-size adjustment for the LMS algorithm 77000
Gan, W.S. Adaptive channel equalisation using the functional-link (FL) technique 76685
Gan, Y.P., Deng, Q.J., Ma, F., Yuan, X.Y., Cai, D.Y. Forced convective air cooling from electronic component arrays in a parallel plate channel 72285
Gan Cheong Hock *see* Liu Po-Ching 74839
Gan Fuxi *see* Chen Qiying 84948
Gan Fuxi *see* Fuxi Gan
Gan Junying *see* Jiang Taihui 117281
Gan Xuewen *see* Xuewen Gan
Gan Yu *see* Jiang Zhuamgui 82885
Gan Yugang *see* Liu Jinru 116344
Gan Zhongmin, Li Pinghui, Qu Dexing A method of modelling and intermodulation calculation in microwave GaAs FET power amplifier 104816
Gan-Moog Chow *see* Fliflet, A.W. 104173
Ganapathiraju, A., Webster, L., Trimble, J., Bush, K., Kornman, P. Comparison of energy-based endpoint detectors for speech signal processing 108194
Ganapathy, G., Narayan, R., Jorden, G., Fernandez, D., Ming Wang, Nishimura, J. Hardware emulation for functional verification of K5 83147
Ganapolskii, E.M., Matsakov, L.Ya. Microwave cavity with a very concentrated magnetic field for the ESR spectroscopy of small samples 73634
Ganchev, S. *see* Huber, C. 113573
Ganchev, S.I., Zoughi, R., Huber, C., Runser, R.J., Ranu, E. Microwave method for locating surface slot/crack tips in metals 82794
Ganchev, S.I. *see* Zoughi, R. 113590
Ganci, P., Potts, S., Okurowski, F. Forward looking automotive radar sensor 68639
Ganciu, M. *see* Udrea, M. 75598
Gancza, W.M., Jasiukiewicz, C., Kent, A.J., Lehmann, D., Paszkiewicz, T., Strickland, K.R., Strickland, R.E. The phonon-induced drag of charge carriers in heterostructures in weak magnetic fields 74355
Gandel', Yu.V., Zaginaylov, G.I. Rigorous numerical technique for simulation of relativistic electron beam (REB) radiation processes near a finite length grating 62606
Gandelli, A., Ragaini, E. ADC transfer function analysis by means of a mixed wavelet-Walsh transform 114039
Gandelli, A. *see* Bellan, D. 110067
Gandelli, A. *see* Brandolini, A. 89031
Gandelli, A. *see* Brandolini, A. 99916
Gander, H., Vincze, M., Filz, K., Prenninger, J., Zeichen, G. A dynamic robot measurement system based on a floating point digital signal processor 93431
Gandham, K. *see* Wunnava, S.V. 98898
Gandhi, A.S., Dighe, A.M. An algorithm for fast quaternary A/D conversion 83182
Gandhi, M.S. *see* Iman, R.L. 73856
Gandhi, O.P., Lazzi, G., Furse, C.M. Electromagnetic absorption in the human head and neck for mobile telephones at 835 and 1900 MHz 120541
Gandhi, O.P. *see* Furse, C.M. 70260
Gandhi, P. *see* Roletter, G. 99675
Gandhi, P.P. JPEG-based image compression for low bit rate coding 67010
Gandhi, P.P., Darlington, W.E., Dyckman, H.L. Error-resilient image compression based on JPEG 67012
Gandhi, R., Quigg, C., Reno, M.H., Sarcevic, I. New predictions for neutrino telescope event rates 80113
Gandit, P. *see* Dauguet, P. 79642
Gandit, P. *see* Dauguet, P. 100270
Gandit, P. *see* Dieny, B. 75205
Gandjbakhche, A.H. *see* Chernomordik, V. 120395
Gandler, W.R. *see* Seidel, J. 90354
Gandolfi, E. *see* Gabrielli, A. 83250
Gandolfi, E. *see* Gabrielli, A. 100915
Gandolfi, E. *see* Gabrielli, A. 113982
Gandotra, V.K., Chavada, F.R., Gupta, S.C. Growth and characterization of thin epitaxial layers of mercury cadmium telluride using Hg-rich tipping technique 104005
Gandra, F.G. *see* Medina, A.N. 64308
Gandurska, J., Sniezynska, I., Kulawik, J., Marek, A., Ciez, M., Zaraska, W., Dziurdzia, B. Ceramic sensing element of lambda sensor 69348
Gandurska, J. *see* Kulawik, J. 114451
Ganeev, R.A. Photometric method for assaying the spatial characteristics of laser radiation 107445
Ganeev, R.A., Redkorechev, V.I., Usmanov, T. Low-temperature laser plasma as a nonlinear medium for generation of higher-order optical harmonics 76120
Ganem, J. *see* Bowman, S.R. 65165
Ganem, J.-J. *see* Baumvol, I.J.R. 63284
Ganem, J.-J. *see* Baumvol, I.J.R. 114958
Ganem, J.-J. *see* Baumvol, I.J.R. 114969
Ganem, J.-J. *see* Baumvol, I.J.R. 114970
Ganesan, G.S., Lewis, G., Woosley, A., Lindsay, W.S., Berg, H. Level 1 crackfree plastic packaging technology 92205
Ganesan, G.S., Lewis, G.L., Anderson, T., Berg, H.M. Organic contamination in IC package assembly and it's impact on interfacial integrity 112919
Ganesan, P.Gopal *see* Gopal Ganesan, P.
Ganesan, R., Das, S.K., Sinha, B.K. Analysis and control of EMI from single phase commutator motor used in house-hold mixer 82017
Ganesan, R., Hoa, S.V. A new approach to modelling and analysis for uncertainty in acoustic emission testing of composites. I 113605
Ganesan, S. *see* Rao, K. 95113
Ganesan, V. *see* Marhas, M.K. 99864
Ganesh, A.J. Bias correction in effective bandwidth estimation 117960
Ganesh, C. *see* Steele, J.P.H. 72965
Ganesh, K.S. *see* Sastikumar, D. 107653
Ganesh, K.S. *see* Sastikumar, D. 110459
Ganesh, L.S. *see* Vinod Kumar, N. 92469
Ganesh, P.S. *see* Sastry, V.V. 111947
Ganetis, G. *see* Greene, A. 90033
Ganetis, G. *see* Morgillo, A. 100448
Ganetis, G. *see* Mulhall, S. 95576
Ganetis, G. *see* Ogitsu, T. 95594
Ganetis, G. *see* Ogitsu, T. 100411
Ganetis, G. *see* Thompson, P. 100412
Ganetis, G. *see* Wanderer, P. 89783
Ganetis, G.L. *see* Trbojevic, D. 89911
Gang Bao Performance evaluation of TCP/RLP protocol stack over CDMA wireless link 119047
Gang Bao, Cassandras, C.G., Zazanis, M.A. First- and second-derivative estimators for cyclic closed-queueing networks 92408
Gang Chen *see* Chowdhury, D.Q. 75471
Gang Chen *see* Chen Gang
Gang Cheng *see* Cheng Gang
Gang Ding Peng, Chu, P.K., Zhengjun Xiong, Whitbread, T.W., Chaplin, R.P. Dye-doped step-index

polymer optical fiber for broadband optical amplification 116392
Gang Guojia, Liu Zuli, Zhang Zengchang, Yao Kailun Preparation of ZrO_2-SnO_2 thin films by the sol-gel technique and their gas sensitivity 104034
Gang He A fiber-optic medical pressure-sensing system employing intelligent self-calibration 80332
Gang He *see* Vallee, R. 64724
Gang Huang *see* Jianxun Mou 99924
Gang Jin, Jansson, R., Arwin, H. Imaging ellipsometry revisited: developments for visualization of thin transparent layers on silicon substrates 100149
Gang Li, Menghwa Er Wordlength estimation for implementing stable digital filters 93591
Gang Liu *see* Liu Gang
Gang Ou, Huihuang Chen, Weiqi Wang Real-time image registration based on genetic algorithms 66902
Gang Peng Zhi *see* Zhi Gang Peng
Gang Rong *see* Rong Gang
Gang Ruan *see* Guo-Fu Niu 84433
Gang Ruan *see* Ruan Gang
Gang Wang, Silversten, J.W., Judy, J.H., Ga-Lane Chen Comparison of tribological performance of pure carbon and carbon-nitrogen coated thin film head sliders 75242
Gang Wang *see* Minying Sun 117979
Gang Wang *see* Wang Gang
Gang Wang Zhi *see* Zhi Gang Wang
Gang Wu, Mizuno, N., Taira, K., Mukumoto, K., Fukuda, A. A mixed channel access and hybrid ARQ method for wireless communication networks 68281
Gang Wu, Mukumoto, K., Fukuda, A., Mizuno, M., Taira, K. A dynamic TDMA wireless integrated voice/data system with data steal into voice (DSV) technique 78522
Gang Xiao *see* Canedy, C.L. 75117
Gang Xiao *see* Limin Sun 118449
Gang Xiao *see* Xiao Gang
Gang Xiong *see* Xiong Gang
Gang Xu Unification of stereo, motion and object recognition via epipolar geometry 86677
Gang Xu *see* Hua Yu 86824
Gang Yu, Goldschmidt, O. On locally optimal independent sets and vertex covers 82434
Gang Yu *see* Yong Cao 81652
Gang Yu *see* Yu Gang
Gang Zheng, Campbell, M., Wallace, P. Reflectometric frequency-modulation continuous-wave distributed fiber-optic stress sensor with forward coupled beams 119696
Gang Zheng *see* Zheng Gang
Gang Zhou, Tingzhang Deng, Feller, J.R., McKenna, M.J., Schneider, R.L., Sarma, B.K., Levy, M. Preparation and characterization of YBaCuO high T_c superconducting thin films 82748
Ganga, K. *see* Kowitt, M.S. 99705
Gangadaran, M. *see* Paul, A.K. 122113
Gangadhar, B.N., Dutt, D.N., Janakiramaiah, N., Sadasivan, P.K. Automation of seizure duration estimation during ECT; use of fractal dimension 120480
Gangadhara Rao, A., Narayana Murthy, K.V. Optimum placement of D.C. blocks in ultra broad band M.W. receivers 78389
Gangadharan, R. *see* Eggers, M. 69338
Gangal, A. *see* Kayikcioglu, T. 117881
Gangisetty, R. *see* Sha'aban, A.M. 99326
Gangopadhyay, A.K., Schilling, J.S. Change of density of states at Fermi level and superconductivity in $YNi_{2-x}(Co/Cu)_xB_2C$ 106665
Gangopadhyay, R. *see* Majumder, S.P. 68493
Gangopadhyay, S., Nag, B.R. Energy eigenvalues in square and rectangular quantum wires with finite barrier potential 74441
Gangopadhyay, S. *see* Fujiwara, H. 75132
Gangopadhyay, U. *see* Majumdar, B. 106007
Gangotri, K.M., Regar, O.P., Chhagan Lal, Kalla, P., Genwa, K.R., Meena, R. Use of tergitol-7 in photogalvanic cell for solar energy conversion and storage: toluidine blue-glucose system 91747
Gangshan Zhang *see* Ying Liu 117784
Ganguli, T. The study of the dependence of laser parameters on the structure of a quantum well laser diode 107341
Ganguly, A.K., Bhuinya, C.R., Kanjilal, D. Heavy ion detection properties of an indigenous phosphate glass 120219
Ganguly, A.K. *see* Choi, J.J. 62615
Ganguly, A.K. *see* Hirshfield, J.L. 105046
Ganguly, A.K. *see* Wang, C. 116293
Ganguly, G., Matsuda, A. Role of hydrogen dilution in improvement of a-SiGe:H alloys 92835
Ganguly, G., Matsuda, A. A new deposition parameter to control the carrier drift mobility in a-Si:H 94422
Ganguly, G., Sakata, I., Matsuda, A. Time of flight mobility measurements in a-Si:H grown under controlled-energy ion-bombardment 94391
Gangwu, C. *see* Kang, L. 79217
Ganibal, C. *see* Dilhac, J.-M. 106237
Ganichev, S.D., Yassievich, I.N., Prettl, W. Tunnel ionization of deep impurities by far-infrared radiation 62679
Ganichev, S.D. *see* Diener, J. 94268
Ganiere, J.-D. *see* Bonard, J.-M. 62817
Ganiere, J.-D. *see* Bonard, J.-M. 74393
Ganiere, J.-D. *see* Jian Mi 82635
Ganiere, J.D. *see* Cleton, F. 62807
Ganiere, J.D. *see* Herve, D. 75950
Ganiere, J.D. *see* Nguyen Hong Ky 62891
Ganikhanov, F. *see* Chin, A. 83844
Ganikhanov, F. *see* Gong-Ru Lin 94339
Ganing Yang *see* Falsafi, A. 98673
Ganjei, L. *see* Mayes, R. 94102
Ganji, A.A., Guillaume, P., Pintelon, R., Lataire, P. Identification of the induction motor dynamic and static inductance with regard to saturation 121497
Ganjoo, A., Yoshida, A., Shimakawa, K. Random walk approach for the proper estimation of density of defect states in amorphous chalcogenides 94394
Ganjoo, A. *see* Benton, R. 86259
Ganjoo, A. *see* Yoshida, A. 82733
Ganjoo, A. *see* Yoshida, A. 104026
Ganke, T. *see* Yamamoto, H. 91730
Gankin, E.A., Irisova, E.V., Mungalov, V.E., Naumova, I.L., Ermakov, D.S., Robachevskii, M.V., Taganov, O.K. Effect of an anticorrosion protective coating on the optical properties of materials 106737
Ganley, M.D. *see* Robinson, M.P. 97181
Ganlin Lu *see* Lu Ganlin
Gann, B.K. *see* Gonzalez, A.J. 81038
Gannamani, R., Munamarty, R. A crack-qualification procedure for SMDs 60647
Gannamani, R., Pecht, M. An experimental study of popcorning in plastic encapsulated microcircuits 72288
Ganney, P.S., Moore, K.M. Integrating a standalone wheelchair seating-pressure measurement system into a multi-user home visit-based service 90614
Gannon, A., Donnelly, D., Covington, B. Trapping mechanism to account for persistent photoeffects in heavily doped GaAs/AlGaAs multiple quantum wells 63016
Gannon, T. *see* Fawcett, B. 113856
Gannoun, L., Dubois, P., Labetoulle, J. Asynchronous interaction method for a remote teleteaching session 92072
Gans, M.J., Valenzuela, R.A., Winters, J.H., Carloni, M.J. High data rate indoor wireless communications using antenna arrays 99081
Gans, R.F. The influence of material removal models on the dynamics of cutting and grinding machines 72261
Ganser, P. *see* Haupt, M. 82633
Ganser, P. *see* Haupt, M. 92780
Gansler, T. *see* Hansson, M. 110842
Gant, E.P. *see* Wexler, A. 94001
Gantet, P. *see* De Lagrevol, R. 69956
Ganti, M.S. *see* Aggarwal, M.M. 69839
Gantner, U. *see* Dones, R. 91261
Gantsog, T. *see* Englert, B.-G. 85351
Ganu, J. *see* Unde, S. 69105
Ganz, A., Haas, Z.J., Krishna, C.M. Multi-tier wireless networks for PCS 109479
Ganz, A. *see* Bo Li 78953
Ganz, A. *see* Yan, A. 78908
Ganz, A. *see* Yan, A. 87798
Ganz, M., Dorval, N., Lefebvre, M., Pealat, M., Loumagne, F., Langlais, F. In situ optical analysis of the gas phase during the deposition of silicon carbide from methyltrichlorosilane 61406
Ganz, M.W., Smith, J.K. Russian microwave capabilities: a firsthand report 90889
Ganzherli, N.M. *see* Denisyuk, Y.N. 96784
Ganzherli, N.M. *see* Denisyuk, Yu.N. 96815
Gao, B., Morison, G.K., Kundur, P. Towards the development of a systematic approach for voltage stability assessment of large-scale power systems 101732
Gao, B.-J. *see* Bird, M.D. 96968
Gao, B.-J. *see* Bird, M.D. 96986
Gao, B.J., Bird, M.D., Bole, S., Eyssa, Y.M., Schneider-Muntau, H.-J. Design of a 20 T, 200 mm bore resistive magnet 96989
Gao, B.J., Schneider-Muntau, H.-J., Eyssa, Y.M., Bird, M.D. A new concept in Bitter disk design 96977
Gao, B.J. *see* Eyssa, Y.M. 96987
Gao, B.J. *see* Prestemon, S. 96988
Gao, C., Lee, S.Y., Malmhall, R., Rauch, G.C. Composition and underlayer effects on media noise and off-track error rate performance of CoCrPtTa sputtered films on alternative substrates 115672
Gao, C., Lee, Y.C., Chao, J., Russak, M. Tribological implications of solvents in dip-coating lubrication of thin film magnetic disks 115698
Gao, C., Zhang, B., Rauch, G.C., Hwang, S., Malmhall, R. Hillock formation–a novel approach to sputter texturing media disc substrates 115757
Gao, C. *see* Zhang, B. 115600
Gao, D. *see* Arodzero, A. 80036
Gao, F. DSP algorithms and software for modem, fax, and telephony 83131
Gao, F. *see* Feng, M. 93697
Gao, G. *see* Chen, J.X. 84342
Gao, G. *see* Shen, G.D. 84339
Gao, H.-Y. *see* Bruce, A. 117361
Gao, H.H., Zhongping Chen, Kumar, J., Tripathy, S.K., Kaplan, D.L. Tapered fiber tips for fiber optic biosensors 89180
Gao, H.J., Wang, D.W., Liu, N., Xue, Q., Pang, S.J. Ultrahigh density data storage on Ag-TDCN thin films by scanning tunneling microscopy 61426
Gao, J. Analytical formulae for the loss factors and wakefields of a disk-loaded accelerating structure 89758
Gao, J., Lythe, M.B. The maximum cross-correlation approach to detecting translational motions from sequential remote-sensing images 101511
Gao, J. *see* Brenizer, J.S., Jr. 110505
Gao, J. *see* Lewis, L.H. 84837
Gao, J. *see* Thiery, Y. 110519
Gao, J. *see* Wu, B.-G. 89345
Gao, J.X. *see* Shingyang Zhu 84580
Gao, L. *see* Guo, G. 121033
Gao, L. *see* Yao, M. 86933
Gao, L. *see* Youyi Wang 101900
Gao, M. *see* Hill, R.H. 63496
Gao, M. *see* Kopp, S. 80078
Gao, M. *see* Playfer, S. 69749
Gao, M. *see* Zimmermann, S. 79258
Gao, M. *see* Zimmermann, S. 100857
Gao, N., Yan, Z. Expert system method used in insulation diagnosis 64103
Gao, Q. *see* Blumenthal, D.J. 78697
Gao, R.X., Ji Fang, Warrington, R.O. Miniaturized surface-driven electrostatic positioners 85807
Gao, R.X., Li, C. Digital signal processing for a microprocessor-based ultrasonic ranging system 101438
Gao, S. *see* Cheng, Z. 107773
Gao, S. *see* Kaufmann, M. 73027
Gao, S. *see* Wang, A. 108207
Gao, S. *see* Wang, A. 117295
Gao, T., Chen, S., Guo, Y., Fang, N. Real phase-only closed loop algorithm of pattern nulling synthesis for phased array antennas 66164
Gao, T. *see* Chrzanowska-Jeske, M. 93242
Gao, W., Berger, P.R., Hunsperger, R.G., Pamulapati, J., Lareau, R.T. Liquid phase epitaxial growth process of InGaAs on InP with rare earth treatment 92744
Gao, W., Main, C., Reynolds, S., Bruggermann, R., Zollondz, J.H., Gibson, R.A.G. Evaluation of the DICE analysis method for a-Si:H p-i-n devices 95093
Gao, W., Snelgrove, W.M., Varelas, T., Kovacic, S.J., Harame, D.L. A 5-GHz SiGe HBT return-to-zero comparator 62051
Gao, W. *see* Yin, J. 96096
Gao, W.X. *see* Hu, Y.Z. 82752
Gao, X.M., Tanskanen, J.M.A., Ovaska, S.J. Comparison of linear and neural network-based power prediction schemes for mobile DS/CDMA systems 109416
Gao, Y., Dahn, J.R. Correlation between the growth of the 3.3 V discharge plateau and capacity fading in $Li_{1+x}Mn_{2-x}O_4$ materials 71637
Gao, Y., Dahn, J.R. The high temperature phase diagram of $Li_{1+x}Mn_{2-x}O_4$ and its implications 81713
Gao, Y., Kother, D., Roth, B., Sporkmann, T., Wolff, I. Improvements in on-wafer load pull measurements 93824
Gao, Y., Randall, R.B. Determination of frequency response functions from response measurements. I. Extraction of poles and zeros from response cepstra 86245
Gao, Y., Randall, R.B. Determination of frequency response functions from response measurements .II. Regeneration of frequency response functions from poles and zeros 89518
Gao, Y., Reimers, J.N., Dahn, J.R. Changes in the voltage profile of $Li/Li_{1+x}Mn_{2-x}O_4$ cells as a function of x 112201
Gao, Y. *see* Razafitrimo, H. 107005
Gao, Y. *see* Ritchie, S. 61187
Gao, Y. *see* Wilson, A.M. 112300
Gao, Y. *see* Zeng, X.C. 114894
Gao, Z., Jiles, D.C., Branagan, D.J., McCallum, R.W. Dependence of energy dissipation on annealing temperature of melt-spun NdFeB permanent magnet materials 64314
Gao Bao-Xin *see* Bao-Xin Gao
Gao Baoxin *see* Chen Changli 104827
Gao Baoxin *see* Baoxin Gao
Gao Chengwei *see* Chengwei Gao
Gao Chuan *see* Chuan Gao
Gao Deyuan *see* Deyuan Gao
Gao Dingsan *see* Liu Ying 96390
Gao Dingsan *see* Ma Dongge 64977
Gao Dingsan *see* Shi Jiawei 75968
Gao Feng Theoretical analysis of the error of edge localization in 2-D image by second derivative filters 67192
Gao Feng, Qin Yihong, Xu Guoyu Optimum design of decentralized fuzzy load-frequency controllers 70740
Gao Feng *see* Kong Xiangzhong 69821
Gao Feng *see* Feng Gao
Gao Fujiang *see* Bei Meiqing 91941
Gao Guo *see* Guo Gao
Gao Guoning *see* Xu Qian 91044
Gao Hong *see* Hong Gao
Gao Honghai *see* Liu Ying 96390
Gao Honghai *see* Pan Zhong 65273
Gao Hongyi *see* Dong Jinxing 65015
Gao Hongzhi *see* Li Dang 80946
Gao Hua *see* Hua Gao
Gao Jia-Hong *see* Jia-Hong Gao
Gao Jian, Chen Qinqi The double channels system for power pool telecontrol data transmission and its

application to Hu'nan electric power system 111501
Gao Jiang, Dai Guanzhong Optimal filtering and smoothing in a class of non-causal systems 117335
Gao Jianxin, Zhou Xingeng Principle and applications of digital speckle correlation method 117799
Gao Jie *see* Jie Gao
Gao Jing *see* Zhu Wenyong 100147
Gao Jiyuan *see* Liu Zhanwen 110531
Gao Junhua *see* Liu Ying 96390
Gao Lan *see* Lan Gao
Gao Liangyu *see* Geng Fenghui 61447
Gao Liangyu *see* Yu Jianjun 64070
Gao Limo *see* Zhang Haining 76099
Gao Lu *see* Lu Gao
Gao Meifang *see* Meifang Gao
Gao Nai-Kui *see* Nai-Kui Gao
Gao Qi-Gang *see* Qi-Gang Gao
Gao Qing, Jiang Yonghong A novel intelligent digital multimeter [for power systems] 111692
Gao Ru-Wei *see* Ru-Wei Gao
Gao Shengquan, Yang Jianwen, Zhang Yanxin, Mu Guoguang Architecture design of an optical neural network with lenslet array 95894
Gao Shibin *see* Chen Xiaochuan 112554
Gao Shiwei *see* Shiwei Gao
Gao Shunshou *see* Yang Libing 113688
Gao Tie, Chen Shuzheng 2-D separable multi-step amplitude quantization low sidelobe aperture synthesis with exponent restraint for airborne solid-state active phased arrays 66108
Gao Tong *see* Tong Gao
Gao Wanrong, Zha Guanhua, Miao Xinghua, Pan Laijun, Zhang Xingzhen, Ling Yunmian, Qin Bin, Xue Mingqiu The device for the measurement of the veiling glare index of long focal optical system 100354
Gao Wei *see* Wei Gao
Gao Weinan *see* Weinan Gao
Gao Wen *see* Huang Qingming 97944
Gao Wen *see* Wen Gao
Gao Wen-Yu *see* Ren Di-Yuan 95003
Gao Wenqi *see* Wenqi Gao
Gao Wenyu *see* Wenyu Gao
Gao Xiao-Ming *see* Xiao-Ming Gao
Gao Xinbo *see* Liu Jianzhuang 108399
Gao Yan *see* Yan Gao
Gao Yang *see* Yang Gao
Gao Yanmei *see* Yanmei Gao
Gao Ying *see* Su Xi'an 96014
Gao Ying *see* Ying Gao
Gao Yingjie *see* Yingjie Gao
Gao Yizhi *see* Lou Caiyun 85388
Gao Yong, Li Guozheng, Liu Enke, Zhao Cezhou, Liu Xiding, Zhang Xiangjiu, Lu Xuekun, Wang Xun Development of SiGe/Si directional coupler 75522
Gao Yong, Shi Chunshan The spectral properties of BaB_8O_{13}:Eu,Tb phosphors 95974
Gao Yong *see* Yong Gao
Gao Yougang *see* Zhu Hongbo 116879
Gao Yuliang *see* Lin Gongping 91047
Gao Yumin *see* Gong Xiaowu 84025
Gao Yuming *see* Weihan Wu 70989
Gao Zhongling *see* Sun Chengxiu 106946
Gao Zhongwen, Yu Jilai, Liu Zhuo Power system voltage stability analysis and its correction 80912
Gao Zhongwen, Yu Jilai, Liu Zhuo Power system state and tendency analysis and its dispatching measure 91048
Gaofeng Chen *see* Chen Gaofeng
Gaofeng Wang, Goswami, J.C., Chan, A.K., Chui, C.K. Comments on "On solving first-kind integral equation using wavelets on a bounded interval" [and reply] 107840
Gaosi Xiao *see* Xiao Gaosi
Gaouar, A. *see* Lamrous, O. 65035
Gaoxiang Li *see* Li Gaoxiang
Gap Park Hee *see* Hee Gap Park
Gapochka, M.G., Korolev, A.F., Kostlenko, A.I., Sukhorukov, A.P., Sheludchenkov, A.V., Golenitski, I.I., Evtushenko, O.V., Pulino, A. Compact low-voltage quasioptical millimeter-wave generators 94197
Gaponenko, N. *see* Dorofeev, A. 94292
Gaponenko, S.V. Optical processes in semiconductor nanocrystallites (quantum dots) 63006
Gaponenko, S.V., Germanenko, I.N., Kapitonov, A.M., Artemyev, M.V. Permanent spectral hole-burning in semiconductor quantum dots 63013
Gaponov, S.V. *see* Gorbunov, A.A. 92917
Gappinger, R. *see* Rosker, M.J. 116646
Gappisch, S. *see* Westermann, M. 74819
Gaquiere, C., Bourcier, E., Bonte, B., Crosnier, Y. A novel 26-40 GHz active load pull system 93920
Gaquiere, C. *see* Boudart, B. 74756
Gar Lam Yip *see* Feng Xiang 85073
Gar Lam Yip *see* Kan, D. 106849
Garabedian, G. *see* Joergensen, C. 99458
Garadkar, K.M. *see* Deshmukh, L.P. 104082
Garadkar, K.M. *see* Deshmukh, L.P. 112177
Garaldi, M.T.M.R., Celaschi, S. Optimized power performance and tunability modeling of erbium-doped fiber ring lasers 85387
Garant, E., Desbiens, P., Daigle, A., Okapuu-von Veh, A., Rizzi, J.-C., Shaikh, A., Gauthier, R., Malowany, A.S., Marceau, R.J. Three-dimensional modelling for a virtual reality operator training simulator 101702
Garant, E. *see* Okapuu-von Veh, A. 102927
Garapon, C., Champeaux, C., Mugnier, J., Panczer, G., Marchet, P., Catherinot, A., Jacquier, B. Preparation of TiO_2 thin films by pulsed laser deposition for waveguiding applications 92924
Garapon, C. *see* Bahtat, A. 116072
Garard, R.S. *see* Fathi, Z. 65867
Garat, J. Microwave techniques for radar cross section measurements: a review 119305
Garavaglia, G. *see* Cozzi, A.F. 90587
Garawal, N. *see* Mailis, S. 116770
Garawal, N.S. *see* Hosea, T.J.C. 62894
Garbar, N. *see* Lukyanchikova, N. 105963
Garbato, A. *see* Cannas, M. 72751
Garbato, T.L. *see* Cannas, M. 72751
Garbay, C. *see* Bellet, F. 67043
Garber, F. *see* Zelnio, E. 119265
Garber, F.W. *see* Wunstorf, R. 105096
Garber, V. *see* Ariel, V. 110369
Garbo, A.Di *see* Di Garbo, A.
Garbolino, T. Built-in deterministic test pattern generators used in self testable ASIC 99847
Garbuzov, D., Lee, H., York, P., Menna, R., Martinelli, R., DiMarco, L., Narayan, S.Y., Capewell, D., Connolly, J. AlGaAsSb/InGaAsSb/GaSb quantum well lasers with separate confinement heterostructures for 2 μm operation 96260
Garbuzov, D., Xu, L., Forrest, S.R., Menna, R., Martinelli, R., Connolly, J.C. 1.5 μm wavelength, SCH-MQW InGaAsP/InP broadened-waveguide laser diodes with low internal loss and high output power 107246
Garbuzov, D.Z., Abeles, J.H., Morris, N.A., Gardner, P.D., Triano, A.R., Harvey, M.G., Gilbert, D.B., Connolly, J.C. High power separate confinement heterostructure AlGaAs/GaAs laser diodes with broadened waveguide 96243
Garbuzov, D.Z., Forrest, S.R., Tsekoun, A.G., Burrows, P.E., Bulovic, V., Thompson, M.E. Organic films deposited on Si *p-n* junctions: Accurate measurements of fluorescence internal efficiency, and application to luminescent antireflection coatings 116194
Garbuzov, D.Z., Martinelli, R.U., Lee, H., York, P.K., Menna, R.J., Connolly, J.C., Narayan, S.Y. Ultralow-loss broadened-waveguide high-power 2 μm AlGaAsSb/InGaAsSb/GaSb separate-confinement quantum-well lasers 107326
Garbuzov, D.Z. *see* Chao, C.-P. 96849
Garbuzov, D.Z. *see* Martinelli, R.U. 69364
Garbuzov, D.Z. *see* Mawst, L.J. 107295
Garbuzov, D.Z. *see* Riris, H. 97878
Garcao, A.S. *see* Barata, M.M. 110016
Garcera, G. *see* Dede, E.J. 119983
Garces, I., Villuendas, F., Valles, J.A., Dominguez, C., Moreno, M. Analysis of leakage properties and guiding conditions of rib antiresonant reflecting optical waveguides 64751
Garcez, A.R. *see* Garcez, J.N. 102507
Garcez, J.N., Garcez, A.R. A connectionist approach to hydroturbine speed control parameters tuning using artificial neural network 102507
Garcha, B.S. *see* Aggarwal, M.M. 69839
Garche, J., Doring, H., Jossen, A. The use of batteries in photovoltaic systems 112214
Garchery, L., Sagnes, I., Badoz, P.A. Conduction band discontinuity and electron mobility in a strained Si/SiGe heterostructure 114691
Garchery, L. *see* Boucaud, P. 94512
Garcia, A. *see* Aguilera, A. 89273
Garcia, A. *see* Prieur, E. 105487
Garcia, A.V., Zago, M.G. Decoupled three-phase load flow 102081
Garcia, A.V. *see* Bolot, J.-C. 118428
Garcia, B.J. Approaches to stereoscopic video based on spatio-temporal interpolation 98216
Garcia, C., Quinones, C., Alvarez, L., Ruiz-Merino, F.J. Improvement on heat flow path. Thermal studies aid to choose better solutions 82249
Garcia, C. *see* Escudero, L.F. 71176
Garcia, C.A. *see* Brown, M.R. 70414
Garcia, C.M. *see* Madeira, E.R.M. 118232
Garcia, D.F., Garcia, M., del Rio, M.A., Diaz, J.L., Suarez, F. Implementation of a new quality flatness sensor in the distributed computer control system of rolling mills 99852
Garcia, E. *see* Girard, T.A. 80093
Garcia, E. *see* Jones, L.D. 75284
Garcia, E.J. *see* Sniegowski, J.J. 91576
Garcia, F., Hutchison, D., Mauthe, A., Yeadon, N. QoS support for distributed multimedia communications 98897
Garcia, F. *see* Shadaram, M. 100159
Garcia, F. *see* Yeadon, N. 78210
Garcia, F. *see* Yeadon, N. 87921
Garcia, F. *see* Yeadon, N. 109205
Garcia, F.M., Lourtie, I.M.G. An arrival time estimator for transient stochastic signals using the wavelet transform 97704
Garcia, G.A. *see* De La Houssaye, P.R. 62281
Garcia, G.A. *see* Johnson, R.A. 93931
Garcia, I., Roca, J., Sanjurjo, J., Carazo, J.M., Zapata, E.L. Implementation and experimental evaluation of the constrained ART algorithm on a multicomputer system 98095
Garcia, J., Dauphin-Tanguy, G., Rombaut, C. Electrothermal bond graph model for semiconductor switching devices 63526
Garcia, J., Dauphin-Tanguy, G., Rombaut, C. Modeling and simulating the dynamic electrothermal behavior of power electronic circuits using bond graphs 113750
Garcia, J., Mendlovic, D., Zalevsky, Z., Lohmann, A. Space-variant simultaneous detection of several objects by the use of multiple anamorphic fractional-Fourier-transform filters 98015
Garcia, J., Szu, H. Chords in wavelet projection transform space applied to aspect invariant pattern recognition 87169
Garcia, J. *see* Adam, W. 69709
Garcia, J. *see* Garcia-Martinez, P. 117535
Garcia, J. *see* Garcia-Martinez, P. 120286
Garcia, J. *see* Laurent, G. 90049
Garcia, J. *see* Moya, A. 98010
Garcia, J. *see* Ritter, M. 108877
Garcia, J. *see* Szu, H. 76961
Garcia, J. *see* Szu, H. 87165
Garcia, J. *see* Szu, H. 101647
Garcia, J.A., Dorojkine, L.M., Mandelis, A., Wallace, J.S. Thermophysical response of a solid-state thermal-wave pyroelectric-film sensor to natural gas and methane 89196
Garcia, J.C. *see* Ortion, J.M. 105630
Garcia, J.P. *see* Anton, R.C. 69177
Garcia, J.R. *see* Burdio, J.M. 121592
Garcia, J.R. *see* Burdio, J.M. 121681
Garcia, J.Rodriguez *see* Rodriguez Garcia, J.
Garcia, K. Complex designs demand optical engineering code 106886
Garcia, L.E. *see* Alonso, J.I. 99288
Garcia, M. *see* Angelov, I. 115236
Garcia, M. *see* Bengtsson, L. 114274
Garcia, M. *see* Garcia, D.F. 99852
Garcia, M. *see* Rorsman, N. 62243
Garcia, M. *see* Salazar, J. 111381
Garcia, M. *see* Verde, C. 71793
Garcia, M.A., Basanez, L. Heterogeneous multisensory integration in robotics: a data representation approach 66651
Garcia, M.J., Turo, A. Improved zero-flux type large bandwidth current sensor 119653
Garcia, M.J. *see* Bulashenko, O.M. 63068
Garcia, M.J. *see* Chavez, J.A. 110155
Garcia, M.J. *see* Espinosa, G. 110280
Garcia, N. *see* Menendez, J.M. 98120
Garcia, N. *see* Ronda, J.I. 86543
Garcia, O., Sebastian, J., Cobos, J.A., Prieto, R., Uceda, J. A comparison of output filter size in DC/DC converters 121624
Garcia, O. *see* Asensi, R. 61614
Garcia, O. *see* Prieto, R. 61612
Garcia, O. *see* Prieto, R. 121691
Garcia, O. *see* Sebastian, J. 121719
Garcia, P., Short, T., Burke, J. Lightning effects studied [distribution system protection] 111580
Garcia, P. *see* Ferrari, J.A. 119695
Garcia, P. *see* Sanchez, V. 117333
Garcia, P.M., Freschi, A.A., Frejlich, J., Kraetzig, E. Scattering reduction for highly diffractive holograms in $LiNbO_3$ crystals 116754
Garcia, P.M. *see* Frejlich, J. 95664
Garcia, R.A. *see* Estes, L.E. 107663
Garcia, R.C., Sadiku, M.N.O. Monte Carlo fixed-radius floating random walk solution for potential problems 92421
Garcia, R.C. *see* Johnson, K.F. 100583
Garcia, R.L., Estrada P., J.M., Carrillo R., V., Tang Xu, Y. Noninvasive acceleration measurements to detect mechanical failures of high-voltage circuit-breakers 102906
Garcia, R.Linan *see* Linan Garcia, R.
Garcia, S. *see* Gonzalez, J.L. 61436
Garcia, S.G., Bao-Hung, T.M., Olmedo, B.G., Martin, R.G. Volume conformation method in scattering problems with FDTD 68569
Garcia, S.G., Perez, I.V., Martin, R.G., Olmedo, B.G. Applicability of the PML absorbing boundary condition to dielectric anisotropic media 85851
Garcia, V. *see* Rodellar, V. 114122
Garcia, V.M., George, P.J., Nair, M.T.S., Nair, P.K. CdSe:In-In_2O_3 coatings with n-type conductivity produced by air annealing of CdSe-In thin films 114643
Garcia Lopes, Y.J., Cardoso, E., Maciel, M.R.W. Application of artificial intelligence for fault detection in a refinery unit 92346
Garcia Perez, J., Lopez Agueera, A. Results from background reduction in the DELPHI Forward RICH 69733
Garcia Perez, M.A. *see* Sacilotti, M. 94476
Garcia Quirino, G.S., Iturbe Castillo, M.D., Sanchez-Mondragon, J.J., Stepanov, S.I. Photoinduced phase profiles by a dark stripe and a circular dark spot intensity distributions in a photorefractive $Bi_{12}TiO_{20}$ crystal 107583
Garcia Sanchez, F. *see* Yue, Y. 94913
Garcia Sanchez, F.J., Ortiz-Conde, A., De Mercato, G., Liou, J.J., Recht, L. Eliminating parasitic resistances in parameter extraction of semiconductor device models 94885
Garcia Sanchez, F.J. *see* Latiff, Z. 74720
Garcia Sanchez, F.J. *see* Narayanan, R. 95024
Garcia Sanchez, F.J. *see* Narayanan, R. 106048
Garcia Sanchez, F.J. *see* Ortiz-Conde, A. 63578
Garcia Tabares, L. *see* Calero, J. 89547
Garcia-Castillo, L.E. *see* Blanc-Castillo, F. 97268
Garcia-Castillo, L.E. *see* Salazar-Palma, M. 76509
Garcia-Castillo, L.E. *see* Sarkar, T.K. 96880
Garcia-Esteban, M. *see* Sira-Ramirez, H. 81537

Garcia-Esteban, M. *see* Sira-Ramirez, H. 121652
Garcia-Frias, J., Crespo, P.M. A new generative method for simulation of radio channels based on hidden Markov models 107922
Garcia-Frias, J. *see* Crespo, P.M. 99357
Garcia-Gracia, M., Letosa, J., Fornies-Marquina, J.M., Artacho, J.M. A time domain method for determining the relaxation time spectrum 97814
Garcia-Gracia, M. *see* Fornies-Marquina, J.M. 92572
Garcia-Gracia, M. *see* Letosa, J. 69475
Garcia-Jareno, M.A. *see* Ferrer, A. 69757
Garcia-Jurado, I. *see* Borm, P.E.M. 72450
Garcia-Luna-Aceves, J.J. *see* Dommel, H.-P. 78231
Garcia-Luna-Aceves, J.J. *see* Muir, A. 87796
Garcia-Luna-Aceves, J.J. *see* Murthy, S. 78054
Garcia-Luna-Aceves, J.J. *see* Murthy, S. 87506
Garcia-Martinez, A. *see* Conde, J.F. 82142
Garcia-Martinez, A. *see* Molano, A. 119399
Garcia-Martinez, P., Diez, S., Garcia, J., Szoplik, T. Mathematical morphology and rank-order filtering texture analysis in medical imaging 120286
Garcia-Martinez, P., Paquet, E., Moreno, I., Garcia, J. Invariant recognition of hybrid-coded polychromatic range images 117535
Garcia-Molina, H. *see* Tak Woon Yan 77962
Garcia-Moreno, I. *see* Costela, A. 96123
Garcia-Moreno, I. *see* Costela, A. 107136
Garcia-Moreno, I. *see* Costela, A. 116388
Garcia-Pino, A. *see* Arias A., A.M. 66074
Garcia-Ramirez, R. Studies on the diffusion of cable oil through elastomeric materials for splices and terminations 121175
Garcia-Tabares, L. *see* Laurent, G. 90049
Garcia-Weidner, A., Khomenko, A.V., Tentori, D. Probe beam scanning method for beam coupling monitoring in photorefractive crystals 107589
Garcia-Weidner, A. *see* Khomenko, A.V. 76182
Garcia-Weidner, A. *see* Khomenko, A.V. 96650
Garcia-Weidner, A. *see* Khomenko, A.V. 119691
Garciaz, F. *see* Abbes, M. 90145
Garcon, I. *see* Anikin, M.M. 103817
Gard, M.F. Measurement of X-ray tube accelerating potential by differential beam filtration 69904
Garda, P. *see* Belhaire, E. 114178
Garda, P. *see* Dupret, A. 62118
Garda, P. *see* Dupret, A. 75774
Garde, A., Lane, W., Alderman, J. Improving the sensitivity of the Si_3N_4 gate pH-ISFET using modified processing techniques 69067
Gardel, A. *see* Houmin Yan 60565
Gardelis, S., Hamilton, B., Glanfield, A., Petifer, R.F. X-ray excited optical luminescence (XEOL) studies of as-prepared and rapid oxidised porous silicon 64909
Gardell, J.D. *see* Chau, N.H. 91431
Gardell, J.D. *see* Chau, N.H. 102380
Gardelle, J., Labrouche, J., Rullier, J.L. Direct observation of beam bunching produced by a high power microwave free-electron laser 75777
Gardener, J. *see* McDonnell, D. 62429
Gardeniers, H. *see* Berenschot, E. 74944
Gardeniers, J.G.E., Tilmans, H.A.C., Visser, C.C.G. LPCVD silicon-rich silicon nitride films for applications in micromechanics, studied with statistical experimental design 113438
Gardeniers, J.G.E. *see* Bressers, P.M.M.C. 62696
Gardeniers, J.G.E. *see* King, S.L. 92920
Gardent, D. *see* Bourdier, A. 65382
Gardes, J.-L. *see* Van Dyke, P. 121187
Gardette, G. *see* Krapez, J.-C. 69251
Gardic, F., Flament, O., Musseau, O., Brisset, C., Martinez, M., Brunet, J.P., Blanquart, L. Dynamic single event effects in a CMOS/thick SOI shift register 74850
Gardic, F., Flament, O., Musseau, O., Brisset, C., Martinez, M., Brunet, J.P., Blanquart, L. Dynamic single event effects in a CMOS/thick SOI shift register 104501
Gardic, F., Musseau, O., Flament, O., Brisset, C., Ferlet-Cavrois, V., Martinez, M., Corbiere, T. Analysis of local and global transient effects in a CMOS SRAM 73387
Gardic, F., Musseau, O., Flament, O., Brisset, C., Ferlet-Cavrois, V., Martinez, M., Corbiere, T. Analysis of local and global transient effects in a CMOS SRAM 104555
Gardin, I. *see* Vera, P. 101130
Gardiner, C.K., Kozlowski, D.A., England, J.M.C., Plumb, R.G.S. Simultaneous and independent semiconductor laser operation at 1.3 and 1.55 μm produced by focused ion beam etching 116472
Gardiner, I.D. *see* Fancey, N.E. *(editor)* 103282
Gardiner, J.G. Microwave and MM-wave engineering challenges in pan-European communications research 88233
Gardiner, J.G. *see* Ruiz, G. 88179
Gardiner, J.G. *see* Ruiz, G. 109435
Gardiner, J.G. *see* Tsioumparakis, K.H. 107924
Gardiner, P.T. *see* Spillman, W.B., Jr. 72979
Gardiner, S.A. *see* Zoller, P. 116158
Garding, J., Porrill, J., Frisby, J.P., Mayhew, J.E.W. Uncalibrated relief reconstruction and model alignment from binocular disparities 67254
Gardiol, F. *see* Rizk, K. 65848
Gardiol, F. *see* Rizk, K. 116884
Gardner, A. The test challenges of installing and maintaining an ATM network 77952
Gardner, B. *see* Katz, I. 120637
Gardner, B.M. *see* Davis, V.A. 70407
Gardner, C. *see* Tribastone, C. 75652
Gardner, C.J. *see* Ahrens, L.A. 79924
Gardner, C.J. *see* Blaskiewicz, M. 79926
Gardner, D.J. *see* Jensen, R.A. 78686
Gardner, F.M. Frequency granularity in digital phaselock loops 73498
Gardner, J., Rao, M.V., Holland, O.W., Kelner, G., Simons, D.S., Chi, P.H., Andrews, J.M., Kretchmer, J., Ghezzo, M. Elevated temperature nitrogen implants in 6H-SiC 74523
Gardner, J. *see* Rao, M.V. 105589
Gardner, J.L. A four-element transmission trap detector 89068
Gardner, J.W., Bartlett, P.N. Performance definition and standardization of electronic noses 119763
Gardner, J.W., Hines, E.L., Pang, C. Detection of vapours and odours from a multisensor array using pattern recognition: self organising adaptive resonance techniques 89190
Gardner, J.W. *see* Udrea, F. 89183
Gardner, J.W. *see* Welham, C.J. 88978
Gardner, L. *see* Suddoth, T.R. 91986
Gardner, L.M., Sudborough, I.H., Tollis, I.G. Net Solver: a software tool for the design of survivable networks 77786
Gardner, M. *see* Chou, A.I. 94689
Gardner, M.E. *see* Stair, A.T., Jr. 90796
Gardner, N.F. *see* Islam, M.R. 62906
Gardner, P., Jenkins, N., Allan, R.N., Saad-Saoud, Z., Castro, F., Roman, J., Rodriguez, M. Network connection of large wind turbines 102558
Gardner, P. *see* Hickson, M.T. 62249
Gardner, P.D. *see* Garbuzov, D.Z. 96243
Gardner, R.P. *see* Ao, Q. 101241
Gardner, R.P. *see* Pingjun Guo 90741
Gardner, S. *see* Bauer, D. 82316
Gardner, W.A. *see* Yeung, G.K. 66818
Gardner, W.L. Determination of diamond growth rate in a flow tube geometry as a function of measured atomic hydrogen density 92809
Gardopee, G.J. *see* Mumola, P.B. 63152
Gareeva, A.R. *see* Timoshenko, V.Yu. 94314
Gareiss, R. Mobile data networks: the business case 77860
Gareiss, R. Wireless data: the Pepsi challenge 77861
Gareiss, R. More competition for Canada [local services and long-distance deregulation] 118256
Gareiss, R. Voice over the Internet 118279
Garel, C. *see* Belin, C. 75396
Garello, R. *see* Benedetto, S. 66280
Garello, R. *see* Benedetto, S. 66547
Garello, R. *see* Kerbaol, V. 120762
Garello, R. *see* Le Caillec, J.M. 120826
Garello, R. *see* Trott, M.D. 66279
Garett, J. Mobile communications for an operational field force 109376
Garetti, E. *see* Freschi, G. 98842
Garey, L.E., Gladwin, C.J. Higher-order methods for eigenvalues of second-order ordinary differential equations with boundary conditions 61036
Garey, L.E. *see* Ford, R.A. 72657
Gareyte, J. LHC parameters and impact of magnetic errors 120052
Garfinkel, S.L. Is there a future in privacy: encryption and digital signatures 66272
Garfinkel, S.L. Public key cryptography 76723
Garfunkel, E. *see* Lu, H.C. 74118
Garg, A. Decoherence in ion trap quantum computers 95902
Garg, A. *see* Loy, J. 94135
Garg, A.K. *see* Kumar, S. 104076
Garg, H.K. Identifying generators for number theoretic transforms 82431
Garg, H.Krishna *see* Krishna Garg, H.
Garg, R. *see* Kumar, P. 81099
Garg, S., Kansal, V. Cost effective personal communications using geo-synchronous satellite 99416
Garg, S. *see* Buller, J.F. 93386
Garg, T.K. *see* Pandey, S. 90631
Garg, V., Lacy, S., Schimmel, D.E., Stogner, D., Ulmer, C., Wills, D.S., Yalamanchili, S. Incorporating multi-chip module packaging constraints into system design 73907
Garg, V.K. Optical transmission monitoring of satellite data signals 78620
Garg, V.K. *see* Murty, V.V. 98477
Garg Hari Krishna *see* Hari Krishna Garg
Gargano, L., Rescigno, A.A., Vaccaro, U. Communication complexity of gossiping by packets 118437
Gargano, L. *see* Ahlswede, R. 87501
Gargano, L. *see* Bermond, J.-C. 119231
Gargantini, M. A bus for the comfort 87653
Gargasson, C.Le *see* Le Gargasson, C.
Gargasson, J.-F.Le *see* Le Gargasson, J.-F.
Gargett, A.E. Observing turbulence with a modified acoustic Doppler current profiler 80664
Gargione, F., Acosta, R., Coney, T., Krawczyk, R. Advanced communications technology satellite (ACTS): design and on-orbit performance measurements 109578
Gargione, F. *see* Bergman, L.A. 88438
Gargour, C.S., Ramachandran, V. A graphical technique for the determination of the range of a multiplier in a stable 2-D variable magnitude filter 83222
Gari, L.Di *see* Di Gari, L.
Garibin, E.A., Mironov, I.A., Khoruzhnikov, S.E., Vorob'ev, A.N. Numerical study of gasdynamics influence on three-dimensional transport phenomena in vertical zinc selenide LPCVD reactor 82734
Gariboldi, G. New developments for SnO_2 semiconductor gas detectors 110263
Gariboldi, R., Pulvirenti, F. A 70 mΩ intelligent high side switch with full diagnostics 73100
Garie, T. *see* Coie, Y.M. 103394
Garijo, M., Cancer, A., Sanchez, J.J. A multiagent system for cooperative network-fault management 87611
Garin, B.M. Minimum dielectric losses at the millimeter and submillimeter wavelengths range 64031
Garin, P. *see* Wegrowe, J.-G. 76559
Garino, G. *see* Maruyama, K. 100989
Garipov, G.K., Khrenov, B.A. Camera obscura - the Cherenkov imaging camera for EAS experiments 69723
Garis, E.J., Giordan, L.A., Magallanes, C., Daruich, Y., Fornes, A., Catenaccio, A. Cell for the measurement of the percentage of polar component in polar-nonpolar emulsions 89465
Garis, N.S., Pazsit, I. On the kinetic response of a reactor with delayed neutrons. II. Spatial effects 71093
Garis, N.S. *see* Pazsit, I. 121313
Garitagoitia, J.R. *see* Echanobe, J. 67461
Garitagoitia, J.R. *see* Santamaria, C. 80976
Garito, A.F. *see* Arayathaitkul, K. 96735
Garito, A.F. *see* Shi, R.F. 76226
Garland, V.E., Loranger, A. The medium and the message: interactive television and distance education programs for adult learners 68871
Garlick, D.R. *see* Sharp, R.E. 109925
Garlick, D.S., Greenman, M., Larsen, M., Sargent, S., Hansen, J.S. Algorithms for calibration and point source extraction for an LWIR space based sensor 108649
Garlick, D.S. *see* Larsen, M.F. 108650
Garlick, P.B. *see* Buchanan, M. 90364
Garlick, P.B. *see* Marsden, P.K. 101332
Garling, L.K. *see* Tompkins, H.G. 62668
Garmestani, H. *see* Cox, A.W. 95586
Garmestani, H. *see* Vaghar, M.R. 95607
Garmire, E. Nonlinear optics in semiconductors enhanced by carrier transport 116619
Garmire, E. *see* Canoglu, E. 85671
Garmire, E.M. *see* Koehler, S.D. 65003
Garmire, E.M. *see* Pillai, R.M.R. 65354
Garmire, G.P. *see* Kraft, R.P. 110626
Garn, H., Mullner, W., Zink, E. EMC-conformance testing for industry 85888
Garn, H. *see* Duftschmid, K. 90651
Garnaes, J. *see* Barbato, G. 68958
Garner, C.P. *see* Reeves, M. 89563
Garner, K. *see* Phillips, C. 99647
Garner, R. The UltraSPARC microprocessor 61917
Garnero, L. *see* Coutand, F. 70071
Garnero, L. *see* Senasli, M. 70060
Garnett, R.W., Gray, E.R., Rybarcyk, L.J., Wangler, T.P. Simulation studies of the LAMPF proton linac 89998
Garnett, R.W. *see* Lapostolle, P. 120041
Garnica, O. *see* Lanchares, J. 93212
Garnier, F. New generation of organic-based thin-film transistors 63724
Garnier, F. *see* Horowitz, G. 64893
Garnier, J. *see* Tastet, P. 104337
Garnier, J.-P., Trinchero, O., New, D.A., Paul, W.B. An electron gun with double-slot arrangement for improved spot uniformity 83724
Garnier, P. *see* Calvet, M.C. 111048
Garnier, P. *see* Doucin, B. 105848
Garnier, P. *see* Poivey, C. 73462
Garnier, P. *see* Poivey, C. 104598
Garnier, Y. *see* Tarot, A.C. 66029
Garnot, M. *see* Jourdan, A. 78904
Garnov, S.V., Klimentov, S.M., Kononenko, T.V., Konov, V.I., Loubnin, E.N., Prokhorov, A.M., Dausinger, F., Raiber, A., Taut, C. Ablation of AlN ceramics by multipulsed picosecond radiation at wavelength of 1078 and 539 nm 92954
Garnov, S.V., Klimentov, S.M., Kononenko, T.V., Konov, V.I., Lubnin, E.N., Dausinger, F., Raiber, A. Laser processing of ceramics and metals by high intense picosecond and nanosecond laser pulses in UV, visible and IR range of spectrum 107659
Garnyk, V.S., Belokurova, I.N. Effect of the elastic deformation of silicon single crystals on their electrical properties 74091
Garoby, R. *see* Blas, F. 79935
Garofalo, F. *see* di Bernardo, M. 121680
Garofalo, J.G. *see* Ziger, D.H. 115086
Garone, P. *see* Tsai, C. 63624
Garosi, F. *see* Bulfone, D. 76053
Garosi, F. *see* Walker, R.P. 96521
Garra, B. *see* Ophir, J. 90290
Garratt, J., Mills, M. Measurement of the roughness of supersmooth surfaces using a stylus instrument 69501
Garraud, L. *see* Tastet, P. 104337
Garrec, P. *see* Hue, J. 107454
Garrel, N. *see* Balhan, B. 79967
Garrel, N. *see* Faugier, A. 79947
Garren, A. *see* Cline, D.B. 79955
Garren, A. *see* Neuffer, D. 96494

Garren, A.A., Cline, D.B., Green, M.A., Johnson, D.E., Kolonko, J.J., Leung, E.M., Madura, D.D., Schachinger, L.C. A 1.5 GeV compact light source with superconducting bending magnets 79910
Garren, A.A. *see* Green, M.A. 90041
Garrett, C., Maikowski, L., Thomas, R. Automating the diagnosis of analogue circuits–a tutorial 83272
Garrett, H.B., Whittlesey, A.C. Spacecraft charging, an update 120584
Garrett, H.B. *see* Soli, G.A. 80137
Garrett, H.B. *see* Soli, G.A. 100994
Garrett, J.H., Jr. *see* Stasiak, D.M. 72385
Garrett, M.H. *see* Kaczmarek, M. 65533
Garrett, M.H. *see* Ming-Feng Shih 116650
Garrett, M.H. *see* Zhigang Chen 65477
Garrett, M.W. A service architecture for ATM: from applications to scheduling 67680
Garrett, W.R. *see* Deng, L. 96614
Garrett, W.R. *see* Golovlev, V.V. 91738
Garrett, W.R. *see* Golovlyov, V.V. 65418
Garrett-Jones, S. *see* Turpin, T. 103378
Garrick, N.W., Kalikiri, V.K., Acheme, L.E.K. Artificial neural networks for pavement evaluation 77123
Garrido, A. *see* Manuel, A. 109991
Garrido, A. *see* Quiles, F. 98097
Garrido, J. *see* Cervera, M. 62685
Garrido, J. *see* Holgado, S. 104149
Garrido, M.J. *see* Sanz, C. 73415
Garrigues, L., Boeuf, J.P., Pitchford, L.C. Understanding the conductivity in ion propulsion devices 120636
Garrison, A., Shaw, H., Banker, J., Miller, R., Stopper, H. Flexible, cost-effective multichip modules for space applications 90698
Garrison, D. *see* Weber, E. 102001
Garrison, D.L. *see* Dalton, J.G., III 102041
Garrity, E.R., Chenoweth, M.A. CRT-glass optimization by selective X-ray filtration 83776
Garrou, P.E. *see* Strandjord, A.J.G. 83669
Garshelis, I.J., Conto, C.R. A magnetoelastic torque transducer utilizing a ring divided into two oppositely polarized circumferential regions 69062
Garside, R. Hazardous areas and the EC–change or status quo? 92136
Garske, D. *see* Hwang, Y. 83449
Garske, D. *see* Hwang, Y. 83472
Garstka, H. *see* Bullesbach, A. 108908
Garten, F., Vrijmoeth, J., Schlatmann, A.R., Gill, R.E., Klapwijk, T.M., Hadziioannou, G. Light-emitting diodes based on polythiophene: influence of the metal workfunction on rectification properties 75752
Garten, F. *see* Nishiyama, A. 61209
Garten, F. *see* Schlatmann, A.R. 107008
Garth, C. *see* Morrison, N.A. 104117
Garth, L.M., Bresler, Y. A comparison of optimized higher order spectral detection techniques for non-Gaussian signals 66817
Garth, L.M., Bresler, Y. On the use of asymptotics in detection and estimation 66833
Garthe, D., Lee, W.S., Hadjifotiou, A. Practical design issues for TDM transmission systems beyond 10 Gbit/s 78704
Garthe, D., Lee, W.S., Saunders, R.A., Patel, B.L., Hadjifotiou, A. Demonstration of 80 Gbit/s WDM transmission over 537 km of non-zero dispersion shifted fibre without in-line dispersion management or gain equalisation 78875
Garthe, D. *see* Lee, W.S. 68517
Garthe, D. *see* Lee, W.S. 78706
Garthe, D. *see* Lee, W.S. 99557
Garthe, D. *see* Saunders, R.A. 78717
Gartner, E. *see* Hawlitschek, N. 117818
Gartner, H., Lehle, P., Tiziani, H.J. New, highly efficient, binary codes for structured light methods 76754
Gartner, M. *see* Dinescu, M. 113505
Gartner, M. *see* Lankalapalli, K.N. 96855
Garton, R. *see* Snitzer, E. 78773
Garufi, F. *see* Martellotti, G. 80122
Garulli, A. *see* Scorzoni, A. 115028
Garus, D., Krebber, K., Schliep, F., Gogolla, T. Distributed sensing technique based on Brillouin optical-fiber frequency-domain analysis 110191
Garus, W. Contactors and semiconductor relays in comparison 83565
Garuthara, R., Levine, G. Photoluminescence of chemically deposited CdSe nanocrystallites: effects of crystallite polydispersity 83850
Garven, M., Kodis, M.A. FEA cathode experiments for microwave power amplifiers 105033
Garven, M., Kodis, M.A., Shaw, J.L., Nguyen, K.T., Gray, H.F. FEA emission characterisation and beam transport for linear microwave power amplifiers 74067
Garven, M., Spark, S.N., Cross, A.W., Cooke, S.J., Phelps, A.D.R. Gyrotron experiments employing a field emission array cathode 105048
Garven, M. *see* Kodis, M.A. 62625
Garven, M. *see* Kodis, M.A. 105010
Garven, M. *see* Lawson, W. 107028
Garven, M. *see* Saeyoung Ahn 74068
Garvens, T. Microstrip LPF design for RF applications 93702
Garverick, S. *see* Pan, T. 106284
Garverick, S.L. *see* Rao, N.K. 91585
Garvey, D.W., Kuzyk, M.G., Dirk, C.W., Martinez, S., Selnau, H., Jr., Craig, P., Green, L. Progress towards making an all-optical switch in polymer optical fibers 85657
Garvey, D.W., Zimmerman, K., Young, P., Tostenrude, J., Townsend, J.S., Zhou, Z., Lobel, M., Dayton, M., Wittorf, R., Kuzyk, M.G., Sounick, J., Dirk, C.W. Single-mode nonlinear-optical polymer fibers 106804
Garvey, J.D. *see* Harding, D.J. 89795
Garvey, J.D. *see* Harding, D.J. 89796
Garvey, T., Omeich, M., Jablonka, M., Joly, J.M., Long, H. Simulations and measurements of the TTF phase-1 injector gun 90080
Garvey, T. *see* Chehab, R. 89714
Garvin, C., Wagner, K. Real-time signal classification with an acousto-optic triple-product processor cascaded into a volume holographic classifier 98014
Garwin, E.L. *see* Heidmann, J. 84779
Garwin, E.L. *see* Maruyama, T. 114504
Garwood, M. *see* De Graaf, R. 70089
Gary-Bobo, R.J. *see* Bensaid, B. 82395
Garyet, T., Bodoh, D. Schematic synthesis for die navigation during failure analysis 95142
Garyet, T.C., Dickson, N. Improved understanding of physical defect mechanisms using fault simulation 115267
Garzella, D., Couprie, M.E., Billardon, M. Lasing at 300nm and below: optical challenges and perspectives 96463
Garzella, D. *see* Couprie, M.E. 107397
Garzella, D. *see* Hara, T. 76048
Garzelli, A. *see* Alparone, L. 67117
Garzelli, A. *see* Andreadis, A. 111087
Garzia, F., Bertolotti, M., Sibilia, C. Square root optical computing system 85205
Garzia, F. *see* Bertolotti, M. 95803
Gas, P. *see* Mangelinck, D. 63432
Gas, P. *see* Mangelinck, D. 83815
Gasan, E.A. *see* Beletski, N.N. 65816
Gasan, E.A. *see* Beletski, N.N. 65831
Gasanly, N.M. *see* Parlak, M. 114663
Gasanov, M.G. *see* Askerov, S.G. 63569
Gascuel, M.-P. *see* Guiard-Marigny, T. 97646
Gase, T., Erdmann, L., Brauer, A., Karthe, W. Highly sensitive interferometric and ellipsometric measurements of the poling behaviour and the temporal stability of electro-optic side chain copolymers 75595
Gase, T., Karthe, W. Cascading the second-order susceptibility in poled polymers by quasi-phase matching 107549
Gash, J.H.C., Culf, A.D. Applying a linear detrend to eddy correlation data in real time 120739
Gasieniec, L., Karpinski, M., Plandowski, W., Rytter, W. Randomized efficient algorithms for compressed strings: the finger-print approach 97525
Gasiewski, A.J. *see* Kunkee, D.B. 120791
Gasiewski, A.J. *see* Piepmeier, J.R. 99927
Gasiewski, A.J. *see* Piepmeier, J.R. 120710
Gasilov, V.L., Kostousov, V.B. Image recognition and simulation in problems of navigating moving objects 67170
Gasiot, J. *see* Beteille, D. 110913
Gasiot, J. *see* Cai, G.G. 101453
Gasiot, J. *see* Cai, G.G. 101456
Gasiot, J. *see* Dachs, C. 106047
Gasiot, J. *see* de La Rochette, H. 106228
Gasiot, J. *see* Marec, R. 73386
Gasiot, J. *see* Marec, R. 104564
Gasiot, J. *see* Sudre, C. 84542
Gasiot, J. *see* Sudre, C. 105270
Gaskarov, D.V. The quantitative evaluation of performance and reliability of multiparameter individual devices 92349
Gaskarov, V.D. *see* Vichrov, N.M. 92348
Gaskey, C.J., Udayakumar, K.R., Chen, H.D., Cross, L.E. "Square" hysteresis loops in phase-switching Nb-doped lead zirconate stannate titanate thin films 75021
Gasmi, A., Huyart, B., Bergeault, E., Jallet, L. MMIC quasi-circulator with low noise and medium power 93866
Gaspalou, B., Colamartino, F., Marchand, C., Ren, Z. Simulation of an electromagnetic actuator by a coupled magnetomechanical modelling 81647
Gaspar, P. *see* Le Traon, P.Y. 90817
Gaspard, F. *see* Gelloz, B. 94645
Gaspard, J.Y. *see* Sicard, D. 110957
Gasparetti, M., Paone, N., Tomasini, E.P. Laser Doppler techniques for the combined measurement of inlet flow and valve motion in IC engines 68971
Gasparian, G.S. Minimal imperfect graphs: a simple approach 92477
Gasparian, V., Ruiz, J., Ortuno, M., Cuevas, E. Brewster anomaly in Fibonacci and Thue-Morse dielectric multilayers 85818
Gasparian, V. *see* Cuevas, E. 107978
Gasparini, F. *see* De Giorgi, M. 120221
Gasparini, M. *see* Bertsch, J. 102926
Gasparini, O. *see* Martin-Neira, M. 111184
Gasparotto, A. *see* Peroni, M. 114622
Gasparotto, A. *see* Rigo, C. 103951
Gasparovic, R. Microstrip Chebyshev low-pass filter 73522
Gasparro, D.M. IP addressing: plan or pay 118395
Gasperis, P.De *see* De Gasperis, P.
Gaspoz, J.-P. Methodology for the development of distributed telecommunications services 77971
Gaspoz, J.-P. *see* Znaty, S. 77763
Gaspoz, J.-P. *see* Znaty, S. 77872
Gasquet, D. *see* Rouquette, P. 106090
Gass, S.I., Zafra, P.M.R., Ziming Qiu Modified fictitious play 113087
Gass, V.G. *see* Raevskii, E.I. 75091
Gassel, R.A.P.Van *see* Van Gassel, R.A.P.
Gasser, B., Menck, A., Brune, H., Kern, K. Design of a "beetle-type" atomic force microscope using the beam deflection technique 69106
Gasser, T. *see* Seifert, B. 103547
Gassert, D. *see* Krystal, A.D. 110855
Gassler, H., Frohlich, J., Kopcsa, A. Selective information on the national system of innovation as an important input for the technology management of firms 72157
Gassman, A. *see* Chan, J.S. 63238
Gassmann, A., Suski, T., Newman, N., Kisielowski, C., Jones, E., Weber, E.R., Liliental-Weber, Z., Rubin, M.D., Helava, H.I., Grzegory, I., Bockowski, M., Jun, J., Porowski, S. Homoepitaxial growth of GaN using molecular beam epitaxy 103838
Gassmann, H.I., Wallace, S.W. Solving linear programs with multiple right-hand sides: pricing and ordering schemes 82451
Gassner, M. *see* Berroth, M. 80846
Gassner, R.R. *see* Popp, R.L. 108375
Gassot, P., Dmowski, L., Eremets, M., Aristone, F., Goutiers, B., Gauffier, J.L., Maude, D.K., Palmier, J.F., Portal, J.C., Harmand, J.C., Mollot, F. Short period superlattices under hydrostatic pressure 62974
Gast, T., Brokate, T. Progress in mass determination with the aid of a vibrating ribbon 110397
Gast, W. *see* Stein, J. 100922
Gastaldi, M. *see* D'Angelo, A. 82158
Gastaldi, R. *see* Calligaro, C. 73400
Gastaldi, R. *see* Calligaro, C. 73401
Gastellu-Etchegorry, J.P. *see* Demarez, D.V. 120907
Gasteratos, A. *see* Andreadis, I. 77497
Gasteratos, A. *see* Andreadis, I. 104623
Gasthuber, M. *see* Albers, D. 69756
Gaston, G.J., Myler, P. Optimum test structure design for CMOS parasitic transistor characterisation 115207
Gasull, A. *see* Sayrol, E. 77275
Gatelli, F., Monti Guamieri, A., Prati, C., Rocca, F. Medium resolution efficient phase preserving focusing for interferometry 120903
Gatenby, P., Laurent, B. Small laser terminal for operational intersatellite links 99463
Gatenby, P.V. *see* Baister, G.C. 78591
Gates, J., Wacker, G., Billinton, R. Development of customer survey instruments for reliability worth evaluation in electric power systems 80901
Gates, J.V., Henein, G., Shmulovich, J., Muehlner, D.J., MacDonald, W.M., Scotti, R.E. Uncooled laser packaging based on silicon optical bench technology 72294
Gates, J.V. *see* Grimes, G.J. 116290
Gates, J.V. *see* Shmulovich, J. 85437
Gates, J.V. *see* Wong, Y.M. 119220
Gates, M. *see* Moran, A. 73461
Gates, M. *see* Moran, A. 104597
Gates, M.M. *see* LaBel, K.A. 70335
Gates, M.M. *see* LaBel, K.A. 80570
Gates, M.M. *see* Seidleck, C.M. 111030
Gates, S. *see* Creamer, G. 80551
Gath, P.-A., Falt, J. Compact capacitor bank improves electric vehicle drive performance 91835
Gatlant, M. *see* Rousina-Webb, R. 92946
Gatnar, E. Expert systems in statistics 103588
Gatos, B., Papamarkos, N. On the development of an OCR system based on curvature features 67146
Gatterer, K. *see* Macher, A. 104893
Gatti, E. Alessandro Volta's profile 116803
Gatti, E., Mazzorin, G., Tomassini, G., Torri, G. Large power voltage source IGBT inverters for industrial application 121764
Gatti, E. *see* Bertuccio, G. 110555
Gatti, E. *see* Castoldi, A. 110560
Gatti, E. *see* Faschingbauer, U. 110557
Gatti, E. *see* Fasoli, L. 90196
Gatti, E. *see* Holl, P. 110558
Gatti, E. *see* Lechner, P. 110554
Gatti, E. *see* Rehak, P. 110570
Gatti, F., Cacopardi, S., Reali, G. Channel estimation using linear prediction for wireless indoor communications 78414
Gatti, F., Meunier, P. 3.9 K transition edge particle detector with DC-SQUID read-out and temperature stabilization 90159
Gatti, F. *see* Cacopardi, S. 97120
Gatti, F. *see* Cacopardi, S. 118770
Gatti, G. *see* Rogeaux, E. 62363
Gatti, U. *see* Caiulo, G. 104743
Gatti, U. *see* Civardi, L. 83206
Gattiker, A.E., Maly, W. Current signatures [VLSI circuit testing] 106201
Gatto, F. *see* Thomas, A. 78999
Gatto, M. *see* Roawen Chen 94745
Gatts, C. *see* Grunow, P. 82737
Gattung, G. *see* Bechtold, R. 118110
Gatz, S., Hermann, J. Propagation, collision, and fusion of spatial optical soliton, in three-dimensional media with saturable nonlinear refractive index change 116651

Gatz, S., Herrmann, J., Muller, M. Kerr-lens mode locking without dispersion compensation 116459
Gatzen, H.H., Ma, X., Scherge, M., Jhon, M.S., Bauer, C.L. Observations regarding the tribological properties of SiC and AlTiC sliders 115763
Gatzen, H.H., Maetzig, J.C., Schwabe, M.K. Precision machining of rigid disk head sliders 64415
Gatzke, C., Schroeder, D. Transient three-dimensional device simulation with PARDESIM 63523
Gau, D. *see* Carabello, S. 80040
Gau, D. *see* Carabello, S. 100850
Gau Jaw-Lih *see* Jaw-Lih Gau
Gau-Ming Lyuu *see* Wen-Chau Liu 63829
Gaubas, E., Kaniava, A. Determination of recombination parameters in silicon wafers by transient microwave absorption 79681
Gaubas, E. *see* Simoen, E. 115139
Gaubatz, U. *see* Cremer, C. 78648
Gaubatz, U. *see* da Silva, V.L. 88630
Gaubatz, U. *see* Gottwald, E. 119203
Gaubatz, W.A. X-33–taking the first step 80581
Gaubatz, W.A. Rapid prototyping 90671
Gaubert, J.F. *see* Daridon, J.L. 101499
Gaubis, P. *see* Sawatari, T. 100051
Gauch, J.M. *see* Shah, J. 87208
Gauchard, S. *see* Clesca, B. 68377
Gauchard, S. *see* Perrier, P.A. 78855
Gauchard, S. *see* Rodrigues, V. 68371
Gaucher, P. *see* Noblanc, O. 64079
Gauckler, L.J. *see* Buhl, D. 113539
Gauckler, L.J. *see* Godickemeier, M. 81856
Gauckler, L.J. *see* Sasaki, K. 81814
Gaudenzi, R.De *see* De Gaudenzi, R.
Gaudet, M. *see* Anderson, M. 115062
Gaudette, M. Voice applications in a multimedia financial information terminal 98934
Gaudin, D., Boyer, J.M., Dayid, J.P., Vadrot, J.F. Worst case irradiation on MOS components: implication on CMOS4000B technology total dose testing 106221
Gaudron, C. *see* Ball, J. 120096
Gauer, C., Hartung, M., Wixforth, A., Kotthaus, J.P., Brar, B., Kroemer, H. Zero-field spin-splitting in InAs/AlSb quantum wells 105401
Gauer, C., Wixforth, A., Kotthaus, J.P., Brar, B., Kroemer, H. Spin phenomena in intersubband transitions 62842
Gauer, C. *see* Ihn, T. 105406
Gauffier, J.L. *see* Gassot, P. 62974
Gauger, J., Holzknecht, N.G., Lackerbauer, C.-A., Sittek, K., Fiedler, K.E., Petsch, R., Reiser, M. Breathhold imaging of the upper abdomen using a circular polarized-array coil: comparison with standard body coil imaging 120284
Gauggel, H.-P., Geng, C., Scholz, F., Schweizer, H. Temperature dependence of short wavelength GaInP/AlGaInP DFB lasers 65254
Gauggel, H.-P. *see* Hofmann, R. 116467
Gaughan, P.T., Dao, B.V., Yalamanchili, S., Schimmel, D.E. Distributed, deadlock-free routing in faulty, pipelined, direct interconnection networks 87433
Gaugue, A. *see* Ben Ayadi, Z. 95479
Gaul, G. *see* Nakhamkin, M. 111792
Gaul, H.-G. *see* Rathmann, F. 119987
Gaul, H.-G. *see* Zapfe, K. 120083
Gaul, L. *see* Nolte, B. 88737
Gaulard, C. *see* Zhou, Z.-L. 110536
Gauld, R. *see* Twidell, J.W. 102574
Gaulin, B.D. *see* Ming Mao 64359
Gault, K. *see* Hughes, W. 120714
Gault, M. *see* Machida, N. 105857
Gaumont, E., Graver, C., Gentner, J.L., Pinquier, A., Laube, G. Butt coupling process for InP based photonic integrated circuits 96069
Gaumont, E. *see* Peyre, J.L. 94811
Gaumont-Goarin, E. *see* Gurib, S. 116530
Gaunaurd, G.C., Brill, D., Huang, H., Moore, P.W.B., Strifors, H.C. Understanding the echo-clues used by dolphins to remotely identify the target characteristics of submerged elastic shells 88730
Gaunaurd, G.C., Strifors, H.C. Signal analysis by means of time-frequency (Wigner-type) distributions–applications to sonar and radar echoes 109700
Gaunaurd, G.C. *see* Brill, D. 97063
Gaunaurd, G.C. *see* Strasberg, M. 70505
Gaunaurd, G.C. *see* Strifors, C. 99623
Gaunaurd, G.C. *see* Strifors, H.C. 88670
Gaunaurd, G.C. *see* Strifors, H.C. 97057
Gaunt, C.T. *see* Sellick, R.L. 102086
Gaur, R.R. *see* Seyedan, B. 111811
Gause, D.C. *see* Wei Lin 72521
Gausi, E. *see* Beaudin, G. 79100
Gauss, S. *see* Elschner, S. 91232
Gauster, E., Rieder, W.F. Arc-wall interaction phenomena immediately after contact separation in magnet-blast interrupters 112149
Gautam, D.K., Ishida, K. High concentration selective tin diffusion into GaAs 64889
Gautam, J.K., Kumar, A., Saxena, R. On the modified Bartlett-Hanning window (family) 97792
Gautam, M., Sitharaman, S., Sharma, B.L., Nagpal, A., Gupta, S.C. Anodic fluoridisation of mercury cadmium telluride 105722
Gautam, M. *see* Gupta, S.C. 103854
Gautam Jai Krishna *see* Jai Krishna Gautam
Gautama, S., D'Haeyer, J.P.F. Automatic induction of relational models 117728
Gauthaman, G. *see* Anbarasu, R. 111984
Gautheron, O., Bassier, G., Letellier, V., Grandpierre, G., Bollaert, P. 8×2.5 Gbit/s WDM transmission over 6000 km with wavelength add/drop multiplexing 68499
Gauthier, D.J., Bienfang, J.C. Intermittent loss of synchronization in coupled chaotic oscillators: Toward a new criterion for high-quality synchronization 93178
Gauthier, F. *see* Ducos, L. 64704
Gauthier, F. *see* Ives, D.J. 64682
Gauthier, J. *see* Ciureanu, P. 115475
Gauthier, P. *see* Woodruff, A. 77960
Gauthier, R., Starr, J.A. Advanced manufacturing for the disc drive industry 64414
Gauthier, R. *see* Garant, E. 101702
Gauthier, R. *see* Okapuu-von Veh, A. 102927
Gauthier, R.C. Theoretical model for an improved radiation pressure micromotor 116598
Gautier, C. *see* Bhattacharya, T.K. 109772
Gautier, C. *see* Laboure, E. 121735
Gautier, C. *see* Prud'hon, C. 66017
Gautier, E., Lorin, A., Nunzi, J.-M., Schalchli, A., Benattar, J.-J., Vital, D. Electrode interface effects on indium-tin-oxide polymer/metal light emitting diodes 96028
Gautier, E. *see* Colaitis, M.-J. 77509
Gautier, F. Evolution of airborne radar antennas from parabola to smart-skins 68652
Gautier, L. *see* Delmas, C. 102947
Gautier, P., Legrand, F., Tissier, C. RCS measures system 70599
Gautier-Levine, A., Audren, P., Post, G., Favennec, M.P., Dumas, J.M. A study of trap related drain lag effects in InP HFETs 106074
Gautier-Picard, P. *see* Tixador, P. 95615
Gautschi, G.H. *see* Berther, T. 99926
Gautschi, W., Notaris, S.E. Stieltjes polynomials and related quadrature formulae for a class of weight functions 103728
Gautschi, W., Shikang Li On quadrature convergence of extended Lagrange interpolation 103727
Gauvain, J.L. *see* Atal, B.S. 76869
Gauvain, K.M. *see* Melson, D.L. 110896
Gauvin, M. *see* Crow, J.D. 119221
Gauzzi, A. *see* Wooldridge, I. 75317
Gavaggio, R. *see* van Rooij, M. 100430
Gavaises, M. *see* Arcoumanis, C. 81980
Gavalda, J. *see* Cabre, R. 75308
Gavalec, M. Periodicity of matrices and orbits in fuzzy algebra 60982
Gavalian, V.G. *see* Shikhliarov, K.K. 69758
Gavalyan, V.G. *see* Shikhlyarov, K.K. 69816
Gavan, J., Handler, F. Analysis, computation, and mitigation of the interference to a remote receiver from two collocated vehicular transceivers 99221
Gavan, J., Haridim, M. Trimode ladar/radar transponder systems for tracking long range cooperative targets 78994
Gavazza, R.J., Wiggins, C.M. Reduction of interference on substation low voltage wiring 102914
Gavazzeni, A. *see* Eckstein, F. 120340
Gavel, D. *see* Phipps, C.R. 80679
Gavi, L. Management of multimedia services in an ATM environment 108980
Gavignet, E., Ballandras, S., Bigler, E., Bonjour, C., Renaud, J.-C., Daniau, W. Analysis and experimental study of surface transverse wave resonators on quartz 84757
Gavignet, E. *see* Ballandras, S. 106446
Gavignet, P. *see* Masetti, F. 78317
Gavignet, P. *see* Perrier, P.A. 78855
Gaviko, V.S. *see* Popov, A.G. 106624
Gavioso, R.M. *see* Benedetto, G. 110468
Gaviot, E., Godts, P., Guths, S., Leclercq, D. Thin foil planar radiometers: application for designing contactless ΔT sensors 69027
Gaviot, E. *see* Machut, C. 119649
Gavish, A., Lempel, A. Match-length functions for data compression 97835
Gavish, B., Sridhar, S. Models for configuring cellular networks with mobility 68130
Gavish, M., Weiss, A.J. Array geometry for ambiguity resolution in direction finding 76634
Gavoille, A.P. *see* Ricard, M.R. 101260
Gavoille, C., Perennes, S. Memory requirement for routing in distributed networks 98512
Gavrea, I., Gonska, H.H., Kacso, D.P. Positive linear operators with equidistant nodes 113202
Gavrielides, A., Kovanis, V., Varangis, P., Erneux, T., Simpson, T.B. Subharmonic resonances in an optically injected semiconductor laser 96364
Gavrielides, A. *see* Erneux, T. 85537
Gavrielides, A. *see* Erneux, T. 96368
Gavrielides, A. *see* Peterson, P. 75879
Gavrielides, A. *see* Peterson, P. 85400
Gavrielides, A. *see* Simpson, T.B. 96290
Gavrielides, A. *see* Simpson, T.B. 107320
Gavrielides, A. *see* Varangis, P.M. 96436
Gavrikova, T.A. *see* Zykov, V.A. 62786
Gavrila, D.M., Davis, L.S. 3-D model-based tracking of humans in action: a multi-view approach 86372
Gavrilas, M. *see* Georgescu, G. 70866
Gavrilenko, A.S. *see* Kalmykov, A.I. 68634
Gavrilenko, I. *see* Akesson, T. 69833
Gavrilin, A.V., Konyukhov, A.A., Malginov, V.A. Computer simulation and experimental study of quench in superconducting epoxy-impregnated multi-layer coil 95583
Gavrilin, A.V., Romanovskii, V.R. Limiting current in a superconducting cable with various degrees of nonlinearity in the current-voltage characteristics of its components 81094
Gavrilin, A.V. *see* Dudarev, A.V. 95425
Gavriljuk, V.G. *see* Ullakko, K. 104185
Gavrilov, E.I. *see* D'yakov, A.F. 71108
Gavrilov, G.A., Pomiguev, Y.G., Sotnikova, G.Y., Ter-Martirosyan, A.L. Device for recording the spatial and spectral distributions of the near-field emission intensity of semiconductor lasers 75937
Gavrilov, N.G. *see* Gluskin, E. 101000
Gavrilov, N.G. *see* Vinokurov, N.A. 96552
Gavrilov, N.V., Nikulin, S.P., Radkovskii, G.V. Source of intense wide beams of gas ions based on the discharge with a hollow cathode in a magnetic field 90117
Gavrilov, O.T., Kvyatkevich, I.I., Obukhov, I.A., Matveev, Yu.A. Interaction of a resonant tunnel diode with the substrate through a distributed interface 74675
Gavrilov, S.P. *see* Vertiy, A.A. 79659
Gavrilova, N.D., Novik, V.K., Lotonov, A.M., Pavlov, S.V. Proton mobility and electrophysical properties of ferroelectrics with hydrogen bonds 106310
Gavrilova, N.D. *see* Esengaliev, A.B. 106309
Gavrilovic, P. *see* Tchelnokov, A.V. 76014
Gavrilyachenko, S.V. *see* Fesenko, E.G. 106312
Gavrilyuk, I.P., Makarov, V.L. Explicit and approximate solutions of a class of evolution problems in Hilbert space 72700
Gavrin, A.V. *see* Voronin, E.N. 109747
Gavrin, V.N. *see* Elliott, S.R. 80104
Gavrishchuk, O.P. *see* Aleev, A.N. 120186
Gavron, A. *see* Normand, E. 70338
Gaw, C.A. *see* Lebby, M. 99511
Gaw, C.A. *see* Lebby, M. 116286
Gawedzki, W., Jurkiewicz, J. A branched system for measurements of the slow-variable forces using a strain gauge method 109997
Gawlick, R., Kalmanek, C., Ramakrishnan, K.G. Online routing for permanent virtual circuits 87493
Gawrylczyk, K.M. Adaptive refinement and optimization of first order tetrahedral meshes for electrodynamics 72729
Gawrys, R. *see* Nowak, B. 106045
Gay, C. *see* Zimmermann, S. 79258
Gay, C. *see* Zimmermann, S. 100857
Gay, C.F. *see* Eberspacher, C. 103031
Gay, J.M. *see* Mangelinck, D. 83815
Gay, P.W. *see* Proops, J.L.R. 71014
Gay, R. *see* Pastor, D. 66659
Gay, S.L. Dynamically regularized fast recursive least squares [adaptive filtering for acoustic echo cancellation] 66845
Gay, T. *see* Mulhollan, G. 90109
Gay, V. *see* Leydekkers, P. 118591
Gay-Balmaz, P., Mosig, J.R. Study of three-dimensional microstrip antennas: The short-circuited patch 66060
Gaydadjiev, G.N. *see* van de Goor, A.J. 104549
Gaydecki, P.A. *see* Gibson, D. 90405
Gaydecki, P.A. *see* Okanla, E.I. 66781
Gayed, A. *see* Benkhoris, M.F. 121989
Gayen, T. *see* Grebel, H. 63313
Gayer, Ph. *see* Winkler, G. 100744
Gayet, P. *see* Lerme, M. 84227
Gayevsky, V.K. *see* Dovbeshko, A.A. 107128
Gaykema, H.J.G. *see* Claasen-Vujcic, T. 101224
Gaylard, A., Landy, C. Modern analysis tools applied to electrical machines 121422
Gaylard, A. *see* de Freitas, J.F.G. 102700
Gaylard, A.P. *see* de Freitas, J.F.G. 111966
Gayle, R.C., Wolfe, J.M. Unicity in piecewise polynomial L^1-approximation via an algorithm 60919
Gaylor, R., Lieblich, D., Mariani, D., Xia, J. Environmental logging with a borehole radar tool 101509
Gaylord, T.K. *see* Walker, D.B. 85109
Gaylord, W.J., Lyons, P.W., Clark, C.T. Interoperability of the Grand Alliance HDTV system with ATM networks 109904
Gaynes, M.A. *see* Shaukatullah, H. 92257
Gaynes, M.A. *see* Shaukatullah, H. 103448
Gaynor, G.H. Downsizing: Sources and justification and no scapegoats 60510
Gaynor, W., Puccetti, F., Isser, A. Infrared sensor training with the target identification sensor performance (TISP) operations trainer 70618
Gayol, A. *see* Soler, R. 80197
Gayol, Y. *see* Bunker, E. 98811
Gayou, D.E. *see* Sutherland, C.J. 90294
Gayral, M. *see* Andre, Ph. 62310
Gayral, M. *see* Llopis, O. 62277
Gayral, M. *see* Plana, R. 83408
Gazalet, M. *see* Aghaei Nia, H. 117936
Gazalet, M.G. *see* Bazzi, O. 87203
Gazdag, L. *see* Richter, P.I. 111212
Gazeau, J.-P., Patera, J. Tau-wavelets of Haar 92379
Gaziev, U.K. *see* Dyskin, V.G. 81876
Gazis, E.N. *see* Adam, W. 69709
Gazit, R.Y., Powell, J.D. The effect of GPS-based surveillance on aircraft separation standards 70427
Gazor, S., Affes, S., Grenier, Y. Robust adaptive beamforming via target tracking 76990

Gazor, S., Alavi, H., Amoozegar, F. Multi-sensor multi-target tracking in 3-dimensional space using range and bearing measurements 86236
Gazor, S. *see* Affes, S. 76917
Gazor, S. *see* Affes, S. 76980
Gazzar, M.A.El *see* El Gazzar, M.A.
Gbaguidi, C., Znaty, S., Hubaux, J.-P. A generic service management architecture for multimedia multipoint communications 98882
Gburzynski, P. *see* Dobosiewicz, W. 87436
Gdalyahu, Y., Weinshall, D. Measures for silhouettes resemblance and representative silhouettes of curved objects 67298
Gdalyahu, Y. *see* Weinshall, D. 77310
Ge, C.Z. *see* Luo, G.P. 107490
Ge, S. *see* Ruan, S. 89406
Ge, W.J. *see* Xian Zhen Chen 91543
Ge, Y., Fitzpatrick, J.M., Dawant, B.M., Bao, J., Kessler, R.M., Margolin, R.A. Accurate localization of cortical convolutions in MR brain images 101185
Ge, Y.-R., Wiedemeier, H. Characteristics of island growth of $Hg_{1-x}Cd_xTe$ on (100) CdTe substrates by chemical vapor transport 104126
Ge, Y.-R. *see* Wiedemeier, H. 103964
Ge, Y.Z. *see* Zhang, B.H. 111659
Ge, Z. *see* Kiyono, S. 69542
Ge Bao-Zhen *see* Bao-Zhen Ge
Ge Baozhen *see* Dai Xiaofang 65565
Ge Cong, SongDe Ma Image processing by derivative dyadic wavelets 67136
Ge Cong, SongDe Ma Zero-crossing location preserved nonlinear diffusion 67137
Ge Cong, SongDe Ma Local scale based adaptive smoothing 86707
Ge Debiao, Tamil, L.S., Jordan, A.K. Profile reconstruction for planar dielectric waveguide by using underrelaxed iterative method 75514
Ge Gong, Song De Ma Compact Dyadic Scale Space medical image representation and processing 86646
Ge Jialong, Deng Jie, Chen Shaoyin Development of a millimeter wave upconversion duplex communication system 78337
Ge Li *see* Li Ge
Ge Liu Chengguang, Liu Jianqiang Wu A new type of the planar whispering gallery modes dielectric resonator, application to millimeter wave integrated circuits 73645
Ge Ning *see* Wang Zhaocheng 119086
Ge Wang, Snyder, D.L., O'Sullivan, J.A., Vannier, M.W. Iterative deblurring for CT metal artifact reduction 120298
Ge Wang, Vannier, M.W., Skinner, M.W., Kalender, W.A., Polacin, A., Ketten, D.R. Unwrapping cochlear implants by spiral CT 101432
Ge Weichun *see* Wang Feng 111545
Ge Weichun *see* Xie Kai 121061
Ge Wenqi *see* Wenqi Ge
Ge Wu, Zvi Ladin The study of kinematic transients in locomotion using the integrated kinematic sensor 110656
Ge Yaorong *see* Yaorong Ge
Ge Yaozhong *see* Yang Chunming 81068
Ge Zheng-Ming *see* Zheng-Ming Ge
Ge Zhengfang *see* Zhengfang Ge
Ge Zhiqiang A downsized and integrated C-band transceiver for VSAT 99437
Gea, H.G. *see* Jain, S. 62451
Geagan, M. *see* Nellemann, P. 101337
Gealy, F.D. *see* Zurcher, P. 62380
Geambasu, C. *see* Segarceanu, D. 91275
Geannopoulos, G.L. *see* Banik, J. 113819
Geany, J.J. *see* Breidenthal, R.S. 64869
Gear, W. *see* Lightfoot, J. 68816
Gear, W.K., Cunningham, C.R. SCUBA: a camera for the James Clerk Maxwell Telescope 62140
Gear, W.K. *see* Holland, W.S. 79101
Gearhart, S.S. *see* Liu, H. 105551
Gearhart, S.S. *see* Speth, R.R. 114871
Gearhart, S.S. *see* Willke, T.L. 93658
Geary, J. *see* Mcleod, B. 100135
Geary, J.M. *see* Kojima, K. 75991
Geary, J.M. *see* Mishkevich, V. 68423
Geaves, G.P. Design and validation of a system for selecting optimized midrange loudspeaker diaphragm profiles 68939
Gebel, B. *see* Rave, W. 115502
Gebel, R. *see* Albers, D. 69756
Gebel, R. *see* Eversheim, P.D. 69606
Gebel, R. *see* Eversheim, P.D. 120080
Gebgart, A.Ya., Kolosov, M.P. Scanning system based on a mirror wedge 106905
Gebhard, U., Hein, H., Menz, W., Ruther, P. A fluidic micro-oscillator to steer a linear tool 112164
Gebhardt, J. Achieving high quality and productivity [PCB manufacture] 104937
Gebhardt, J., Kruse, R. Measures of nonspecificity for decomposing possibility distributions 92423
Gebhardt, W., Hahn, B., Stanzl, H., Deufel, M. Light emitting diodes from MOVPE-grown p- and n-doped II-VI compounds 74196
Gebhardt, W. *see* Hermans, J. 74223
Gebhardt, W. *see* Kastner, M.J. 74178
Gebhardt, W. *see* Kuttler, M. 74375
Gebhardt, W. *see* Reisinger, T. 72774
Gebhardt, W. *see* Rosenauer, A. 61194
Gebhart, T. *see* Richter, R.H. 110564
Gebizlioglu, O.S., Grimado, P.B., Kiss, G.D., Zammit, M.J. Low-temperature performance of loose tube fiber optic cables 88460
Gebizlioglu, O.S. *see* Gozdz, A.S. 81695
Gebizlioglu, O.S. *see* Volotinen, T.T. 84974
Gebler, D.D. *see* Epstein, A.J. 96022
Gebler, D.D. *see* Wang, H.L. 85301
Gebotys, C.H. Low energy memory component design for cost-sensitive high performance embedded systems 113662
Gecan, A., Flikkema, P., Snider, A.D. Jammer cancellation with adaptive arrays for GPS signals 109820
Geche, F.E., Lutsyk, A.Yu. Synthesis of combinatorial schemes and processing of discrete images on threshold basis 66911
Geck, B., Marquardt, J. A homodyne network analyzer with parallel mixers for the millimeterwave range 69004
Geck, J., Haller, T. To provide links. A step-based interface to exchange 3-D measurement information [for inspection] 113006
Geckinli, M. *see* Baytas, A.F. 69889
Gecsei, J. *see* Kerherve, B. 118587
Geddes, D.J., Swidenbank, E., Hogg, B.W. Application of intelligent control strategies to generating unit load control 111764
Geddes, J. *see* Donnelly, C.M. 72914
Geddes, L.A. Who invented the differential amplifier? [clinical electrophysiology application] 70163
Geddes, L.A. Who introduced the tetrapolar method for measuring resistance and impedance? 119827
Gedeon, T. *see* Ngu, A.H.H. 77934
Gedney, S., Lansing, F., Kihm, R.T., Owona, N., Virga, K. Simulating "large" microwave circuits with the parallel Planar Generalized Yee algorithm 93753
Gedney, S., Lansing, F.S., Rascoe, D.L. Full wave analysis of microwave monolithic circuit devices using a generalized Yee-algorithm based on an unstructured grid 93904
Gedney, S.D. An anisotropic PML absorbing media for the FTDT simulation of fields in lossy and dispersive media 97033
Gedridge, R.W. *see* Antonell, M.J. 105565
Gedridge, R.W. *see* Sadwick, L.P. 103930
Gedziorowski, M., Szoplik, T. Accuracy of operations in a programmable morphological optoelectronic processor 77190
Gee, A., Cipolla, R. Fast visual tracking by temporal consensus 77212
Gee, A., Cipolla, R. Adaptive visual tracking by temporal consensus 86641
Gee, D.A., Petersen, K.E., Kovacs, G.T.A. MEMS in the medical industry 90279
Gee, D.A., Peterson, K.E., Kovacs, G.T.A. MEMS in the medical industry 101045
Gee, G. *see* Hong, J.W. 77869
Gee, G.B. *see* Stassinopoulos, E.G. 70327
Gee, J. *see* Zhang, S. 60689
Gee, J.M. *see* Schubert, W.K. 103005
Gee, K.R. *see* Guilkey, J.E. 119953
Gee, L.A. *see* Baccar, M. 117600
Gee, M.G. *see* Prajapati, K. 115560
Gee, S., Delfyett, P.J. Intracavity gain dynamics and their role in modelocked semiconductor diode lasers 116489
Gee, S. *see* Delfyett, P.J. 96231
Gee-Hyuk Lee *see* Dong-Woo Kim 98161
Gee-In Goo Bionic sonar for target detection 99678
Gee-Kung Chang, Ellinas, G., Gamelin, J.K., Iqbal, M.Z., Brackett, C.A. Multiwavelength reconfigurable WDM/ATM/SONET network testbed 78915
Gee-Swee Poo, Chye-Guan Chew Modeling of the XOM/XMP application programming interface (API) 98593
Geel, I.P.J.van *see* van Geel, I.P.J.
Geelan, B.D.B., Robertson, I.D. Phase compensated QPSK demodulator with a C-band IF for VSAT system applications 78583
Geelen, J.A.M. *see* Hurkx, G.A.M. 63855
Geelen, J.A.M. *see* Kloosterman, W.J. 63621
Geelhaar, L., Bartynski, R.A., Ren, F., Schnoes, M., Buckley, D.N. Photoluminescence and X-ray photoelectron spectroscopy study of S-passivated InGaAs(001) 105654
Geelhood, B.D. *see* Bliss, M. 79995
Geels, R. *see* Major, J. 65251
Geels, R.S., Major, J.S., Welch, D.F. 500 W QCW red laser 65253
Geels, R.S. *see* Waarts, R.G. 100193
Geen, D., Smith, D. Compact anechoic chamber and antenna measurement system for microwave teaching and research applications 76570
Geen, D., Smith, D. Enhanced teaching of antenna theory and measurement techniques using a low cost anechoic measuring system 108013
Geen, M. *see* Rogeaux, E. 62363
Geeng-Lih Lin *see* Bing-Yue Tsui 105665
Geens, G. *see* Aherne, T. 76080
Geer, C.A.J.van der *see* van der Geer, C.A.J.
Geer, C.van der *see* van der Geer, C.
Geer, G.van der *see* van der Geer, G.
Geer, R. *see* Dow, J. 98690
Geer, R.E., Naciri, J., Ratna, B.R., Shashidhar, R. Optimization of pyroelectricity in the smectic-C^* phase of a liquid-crystalline terpolymer 106308
Geeraerts, B., Sansen, W. MOSIS: a moisture sensor structure and interfacing system for the on-line measuring of the moisture content of plaster cardboard plates 110124
Geering, K. *see* Wolf, M. 120267
Geert, A.Van *see* Van Geert, A.
Geertman, R. *see* Van Laere, A.R. 64675
Geerts, W., MacKenzie, J.D., Abernathy, C.R., Pearton, S.J., Schmiedel, T. Electrical transport in p-GaN, n-InN and n-InGaN 94355
Geest, H.De *see* De Geest, H.
Geeter, J.De *see* De Geeter, J.
Geetha, K. *see* Subbiah, V. 111955
Geetha, M.K. *see* Padiyar, K.R. 70840
Geetha, S. *see* Platt, D. 91422
Geeves, S. *see* Maschio, A. 102873
Gefeng Fang *see* Fang Gefeng
Geffen, G.M. *see* Hooper, G.S. 120416
Geffen, L.B. *see* Hooper, G.S. 120416
Geffroy, J.-P. *see* Colaitis, M.-J. 77509
Gegenmantel, E. *see* Baldus, H. 87587
Gegner, J.P., Lee, C.Q. Linear peak current mode control: a simple active power factor correction control technique for continuous conduction mode 121586
Geha, A.S. *see* Rovner, A.L. 80413
Gehlot, N.S. *see* Alsina, P.J. 102682
Gehr, R.J. *see* Boyd, R.W. 116642
Gehrels, N. *see* Inderhees, S.E. 80073
Gehrels, N. *see* Inderhees, S.E. 101022
Gehrels, N. *see* Phlips, B.F. 90123
Gehrels, N. *see* Phlips, B.F. 101023
Gehring, H., Nahm, W., Baerwald, J., Konecny, E., Schmucker, P. Breath alcohol analyzer with electrochemical sensor–measuring accuracy with artificial respiration in a lung model [surgical patients monitoring] 80173
Gehring, P.M. *see* Borchers, J.A. 64356
Gehring, R. *see* Dutz, H. 120108
Gehringer, P. *see* Vesely, A. 82184
Gehrke, A. *see* Nagel, H.-H. 86840
Gehrke, M., Walker, C., Walker, E. Some comments on interval valued fuzzy sets 113127
Gehrke, W. *see* Pirsch, P. 87227
Gehrmann, C. Information theoretical lower bounds for unconditionally secure group authentication 66424
Gehrsitz, S. *see* Epler, J.E. 96273
Gehse, P., Eisenhut, C. Simulation and characterization of a high temperature SIMOX-operational amplifier 82973
Geib, E. *see* Fitting, H.-J. 73948
Geib, E. *see* Fitting, H.-J. 83711
Geib, K.M. *see* Blum, O. 74575
Geib, K.M. *see* Choquette, K.D. 65316
Geib, K.M. *see* Choquette, K.D. 75982
Geib, K.M. *see* Choquette, K.D. 105602
Geib, K.M. *see* Choquette, K.D. 107284
Geib, K.M. *see* Hou, H.Q. 107308
Geib, K.M. *see* Lear, K.L. 107286
Geib, K.M. *see* Mar, A. 119255
Geib, R., Becker Wehner, M., Assmus, U., Hensen, A., Ruge, F., Feil, P., Christ, P., Zehl, A., Lechterbeck, M., Aletsee, R. ATM in Europe. Developments, results and perspectives since 1993. 1 67535
Geib, R., Wehner, M.B., Assmus, U., Hensen, A., Ruge, F., Feil, P., Christ, P., Zehl, A., Lechterbeck, M., Aletsee, R. ATM in Europe. Developments, results and perspectives since 1993. 2 67924
Geibel, C. *see* Wang, N.L. 75329
Geibig, A.R. *see* Kincaid, L.E. 72365
Geier, D.P. *see* Lang, D.D. 103417
Geigenmuller, U. Dynamics of a ring with three Josephson junctions 115935
Geiger, A.R. *see* Prasad, N.S. 80674
Geiger, B.J.W. Quality management training at Telecom PTT 118191
Geiger, D., Kumaran, K. Visual organization of illusory surfaces 67253
Geiger, D., Kumaran, K., Parida, L. Visual organization for figure/ground separation 86376
Geiger, D. *see* Degueurce, C. 88861
Geiger, D. *see* Liu, T.-L. 67265
Geiger, D.J. *see* Stok, L. 113637
Geiger, H. *see* Volanthen, M. 69231
Geiger, H. *see* Volanthen, M. 79511
Geiger, J.S. *see* Andrews, H.R. 70319
Geiger, M., Neubauer, N., Hoffmann, P., Hutfless, J. Adaptive beam delivery for CO_2 laser material processing 116597
Geiger, M. *see* Adler, F. 114784
Geiger, M. *see* Glasmacher, M. 104939
Geiger, M. *see* Glasmacher, M. 114422
Geiger, M. *see* Pucher, H.-J. 103430
Geiger, M. *see* Pucher, H.-J. 112889
Geiger, R. *see* Acovic, A. 106206
Geiger, R.L. *see* Joon-Yub Kim 74750
Geiges, R. *see* Hartmann, P. 120119
Geik Kew Tan *see* Tan Geik Kew
Geilen, M.C.W. *see* Bastiaans, M.J. 77051
Geim, A.K., Main, P.C., Eaves, L., Mori, N., McDonnell, P.J., Foster, T.J., Nogaret, A., Fromhold, T.M., La Scala, N., Jr., Henini, M. Resonant tunneling through a molecular state 63812
Geim, A.K. *see* Carmona, H.A. 62820
Geim, A.K. *see* Carmona, H.A. 105259
Geim, A.K. *see* Sachrajda, A.S. 105358

Geis, L.A., Dunleavy, L.P. Power contour plots using linear simulators 104270

Geis, M.W., Twichell, J.C., Efremow, N.N., Ekrohn, K.E., Marchi, C., Lyszczarz, T.M. Diamond field-emission cathodes 73938

Geis, M.W., Twichell, J.C., Lyszczarz, T.M. Diamond emitters fabrication and theory 83707

Geis, P., Boyer, A.L., Wells, N.H. Use of a multileaf collimator as a dynamic missing-tissue compensator 90590

Geischlager, F. *see* Muller, F. 66461

Geise, R.A., Palchevsky, A. Composition of mammographic phantom materials 70003

Geisel, T. *see* Smet, J.H. 105235

Geiselmann, W. A note on the hash function of Tillich and Zemor 66503

Geiser, E.A. *see* Karras, T. 69950

Geiser, E.A. *see* Wilson, D.C. 110749

Geiser, E.A. *see* Zong, X. 97872

Geisik, C. *see* Swenson, D.R. 90095

Geisinger, K. *see* Rainer, R. 110668

Geisler, A., Noelle, D., Ridder, M., Schmidt, T. Experience on the operation of the 2–in–1 electromagnetic undulator of FELICITA-I 96562

Geisler, A. *see* Schmidt, T. 96471

Geisler, H. *see* Lorenz, T. 64357

Geisler, J. *see* Foster, I. 109105

Geisler, W. *see* Kortum, P. 108534

Geisler, W. *see* Kuyel, T. 77442

Geissel, H. *see* Schmidt, K.H. 69627

Geissler, J. *see* Streitz, N.A. 67876

Geissler, K., Meineke, A., Riege, H., De Silvestri, S., Nisoli, M., Svelto, O., Boscolo, I., Handerek, J. Femtosecond laser-induced electron emission from ferroelectrics 62648

Geissler, K.H., Wolk, D. Multipactor testing of multiplexer and waveguide components exposed to multiple carrier loading 93738

Geissler, U., Hartmann, H., Krause, E., Siche, D. Investigation of the transition range in seeded vapour grown ZnSe crystals 74187

Geist, T., Hartfuss, H.-J. Array of coupled phase-locked oscillators at 160 GHz 62287

Geist, W. *see* Fang, R. 120167

Gek Woo Tan, Hayes, C.C., Shaw, M. An intelligent-agent framework for concurrent product design and planning 92139

Gekelman, W. *see* Eyre, B. 79367

Gekhtman, D., Kash, J.A., Cohen, E., Ron, A. Optical observation of impurity localized states at the edges of Landau subbands in doped quantum wells 63005

Gektin, A., Komar, V., Shlyahturov, V., Shiran, N. Pure and Ce-doped KMgF$_3$-scintillators 80053

Gektin, V., Bar-Cohen, A., Witzman, S. Thermo-structural behavior of underfilled flip-chips 112934

Gela, G., Lux, A.E., Kientz, H., Gillies, D.A., Mitchell, J.D., Lyons, P.F. Application of portable protective gaps for live work on compact 550 kV transmission lines 102187

Gela, G. *see* Pessanha, J.E.O. 102066

Gelabert, P. *see* Larson, K. 93450

Gelato, G. *see* Blas, F. 79935

Gelautz, M., Jakob, G., Paar, G., Hensley, S., Leberl, F. Automated matching experiments with different kinds of SAR imagery 111099

Gelautz, M., Leberl, F., Kellerer-Pirklbauer, W. Image enhancement and evaluation: SAR layover and shadows 68558

Gelblum, E.A., Calderbank, A.R. A forbidden rate region for generalized cross constellations 66299

Gelbwachs, J.A. Lidar for remote measurement of ozone in the exhaust plumes of launch vehicles 80678

Gelbwachs, J.A. *see* Beck, S.M. 88711

Gelderen, P.Van *see* Van Gelderen, P.

Geldzahler, B. Get a good partner [Mexican telecommunications] 108926

Gelebart, J.C. *see* Gallet, B. 90054

Gelenbe, E., Feng, Y., Ranga, K., Krishnan, R. Neural networks for volumetric MR imaging of the brain 110801

Gelenbe, E., Xiaowen Mang, Onvural, R. Diffusion based statistical call admission control in ATM 117961

Gelenbe, E., Yutao Feng, Krishnan, K.R.R. Neural network methods for volumetric magnetic resonance imaging of the human brain 120308

Gelenbe, E. *see* Cramer, C. 108169

Gelenbe, E. *see* Cramer, C. 108727

Gelenbe, E. *see* Cramer, C. 117596

Geletneky, C. *see* Burland, D.M. 115995

Geletneky, C. *see* Wortmann, R. 106757

Gelfand, N.M. Coupling in the Tevatron 79943

Gelfand, N.M., Mokhov, N.V. 2x2 TeV $\mu^+\mu^-$ collider: lattice and accelerator-detector interface study 89589

Gelfand, S.B., Fitz, M.P. A decision feedback filter 67504

Gelfand, S.B., Fortmann, T.E., Bar-Shalom, Y. Adaptive detection threshold optimization for tracking in clutter 66611

Gelfand, S.B. *see* Fitz, M.P. 66245

Gelfand, S.B. *see* Gen-Kwo Lee 86276

Gelfand, S.B. *see* Kadaba, S.R. 77403

Gelfand, S.I. *see* Bassalygo, L.A. 117123

Gelfort, E. *see* Albrecht, L. 71066

Gelikonov, G. *see* Gelikonov, V. 120408

Gelikonov, G. *see* Kamensky, V. 120511

Gelikonov, V., Sergeev, A., Gelikonov, G., Feldchtein, F., Gladkova, N., Ioannovich, J., Fragia, K., Pirza, T. Compact fast-scanning OCT device for in vivo biotissue imaging 120408

Gelikonov, V. *see* Kamensky, V. 120511

Gelin, P. *see* Mellouet, B. 66088

Gelin, P. *see* Queffelec, P. 79670

Gelinas, U.J., Jr., Rama, D.V., Skelton, T.M. Using learning communities to teach technical communication in accounting 103322

Gell-Mann, M., Lloyd, S. Information measures, effective complexity, and total information 117106

Geller, B., Capellano, V., Brossier, J.-M., Essebbar, A., Jourdain, G. Equalizer for video rate transmission in multipath underwater communications 68535

Geller, B. *see* Essebbar, A. 98356

Geller, H. *see* Nadel, S. 70672

Geller, J. *see* Marneris, I. 102851

Geller, J. *see* Sandberg, J.N. 100735

Geller, J.D. *see* Strachan, W.J. 82688

Geller, M.A. *see* Khattatov, B.V. 120783

Geller, M.R. *see* Schaich, W.L. 74419

Gelletly, W. *see* Catford, W.N. 69884

Gelli, K., McLauchlan, R.A., Omar, S.I., Challoo, R. Multisensor fusion/integration using an unsupervised hybrid neural network 77122

Gellings, C.W. Then and now. The perspective of the man who coined the term 'DSM' 70671

Gelloz, B., Bsiesy, A., Gaspard, F., Muller, F. Conduction in porous silicon contacted by a liquid phase 94645

Gelly, G. *see* Hornung, V. 96062

Gelly, G. *see* Hornung, V. 116552

Gelman, H. *see* Deming Chen 87897

Gelman, M.E. *see* Fishbein, E.F. 120780

Gel'man, Yu.A., Dymshits, Yu.M. A magnetically driven shutter 64497

Gelmont, B. *see* Gorfinkel, V. 65370

Gelmont, B. *see* Gorfinkel, V. 107352

Gelmont, B. *see* Gorfinkel, V.B. 116550

Gelmont, B. *see* Shur, M. 74324

Gelonch, A. *see* Femenias, G. 68310

Gelonch, A. *see* Femenias, G. 88309

Gelowitz, D. *see* Tontiwachwuthikul, P. 111781

Gelsema, E.S. *see* Veenland, J.F. 80211

Gelsen, O. *see* Muller, J. 85313

Geltenbort, P. *see* Zanevskii, Yu.V. 100902

Gelvich, E.A., Mazokhin, V.N., Troshin, I.I. An attempt at quantitative specification of SAR distribution homogeneity 70204

Geman, S., Manbeck, K.M., McClure, D.E. Statistical methods for reconstruction in single photon emission computed tomography 80315

Gemello, R. *see* Albesano, D. 108217

Gemert, M.J.C.Van *see* Van Gemert, M.J.C.

Gemme, G. *see* Fabbricatore, P. 95555

Gemmeke, K., Mangold, C. Advanced train communication and traction control with MICAS(R) 112500

Gemmell, P. *see* Frankel, Y. 97489

Gemmill, P.E., Chaney, R.C., Fenyves, E.J. Monte-Carlo simulation of a coded aperture SPECT apparatus using uniformly redundant arrays 80257

Gemmill, W.H. *see* Haun, M.J. 115452

Gen, M., Cheng, R. A survey of penalty techniques in genetic algorithms 92563

Gen, M. *see* Sasaki, M. 82325

Gen, M. *see* Taguchi, T. 82458

Gen, M. *see* Yokota, T. 103687

Gen, N.S. *see* Sysoeva, E.P. 100889

Gen Mitsuo *see* Mitsuo Gen

gen. Schieck, H.Paetz *see* Paetz gen. Schieck, H.

Gen-Huey Chen *see* Min-Yang Su 77566

Gen-Kwo Lee, Gelfand, S.B., Fitz, M.P. Bayesian techniques for blind deconvolution 86276

Genack, A.Z., Berger, G.A., Kempe, M., Larinov, M. Lasing in amplifying random media 96132

Genba-Shimizu, K. *see* Sonoo, M. 101381

Genc, Y. *see* Ponce, J. 86453

Genca, C.M. Pollution prevention project: Xerox development of carbon dioxide (CO$_2$) blast cleaning 60742

Gencer, N.G., Williamson, S.J., Guiziec, A., Hummel, R. Optimal reference electrode selection for electric source imaging 110857

Genda, K., Yamanaka, N. TORUS-switch: scalable Tb/s ATM switch architecture based on the internal speed-up ATM switch 78314

Genda, K., Yamanaka, N., Doi, Y., Endo, K. A 160 Gbit/s ATM switch using an internal speed-up crossbar-type switch architecture 118716

Genda, K. *see* Doi, Y. 98998

Genda, K. *see* Kurimoto, T. 109304

Genda Hu *see* Van Tran, H. 73587

Gendai, Y. *see* Murayama, T. 113667

Genderen, A.J.van *see* van Genderen, A.J.

Gendraud, S., Moraud, S., Verdeyme, S., Guillon, P., Vigneron, S., Theron, B. New miniaturized dielectric loaded cavity microwave resonators 114205

Gendreau, M., Sanso, B., Stanford, D.A. Optimizing routing in packet-switched networks with non-Poisson offered traffic 98510

Gendreau, M. *see* Soriano, P. 82448

Gendry, M. *see* Bearzi, E. 94369

Gendry, M. *see* Drouot, V. 106056

Gendry, M. *see* Maigne, P. 92686

Gendry, M. *see* Meva'a, C. 94371

Gendry, M. *see* Porte, L. 82620

Gendry, M. *see* Seassal, C. 106857

Gendy, O.E. *see* Arafa, B.A. 102201

Gene-Jack Wang, Volkow, N.D., Levy, A.V., Fowler, J.S., Logan, J., Alexoff, D., Hitzemann, R.J., Schyler, D.J. MR-PET image coregistration for quantitation of striatal dopamine D$_2$ receptors 90291

Generalov, N.A., Gorbulenko, M.I., Solov'yov, N.G., Yakimov, M.Yu., Zimakov, V.P. High-power industrial CO$_2$ lasers excited by a nonself-sustained glow discharge 107118

Generosi, R. *see* Cricenti, A. 69371

Generosi, R. *see* Cricenti, A. 104125

Genesio, R. *see* Stanghini, M. 75815

Genest, C., Shuang-Shuang Zhang A graphical analysis of ratio-scaled paired comparison data 82389

Genest, G. *see* Sabourin, R. 86609

Genest, J. *see* Benvenuti, C. 110483

Genest-Laplante, E. *see* Arsenault, E. 121028

Genfa Wu *see* Wu Genfa

Geng, C. *see* Alsina, F. 72795

Geng, C. *see* Ernst, P. 62711

Geng, C. *see* Gauggel, H.-P. 65254

Geng, C. *see* Wirth, R. 116075

Geng, R.L. *see* Zhao, K. 94182

Geng, X. *see* Zhao, J. 89924

Geng, Z.J., Xu, R.H., Weiching Shen Fingerprint classification using fuzzy CMAC neural networks 117812

Geng, Z.K. *see* Mauceli, E. 99874

Geng Fenghui, Gao Liangyu, Guo Wenyuan Study on conducting property of the organic PTCR material 61447

Geng Jihong, Zhang Guiyan, Song Xiudong, Lin Fucheng Spectral control in the injection-seeded CuBr laser 75785

Geng Lin, Pippenger, N. Routing algorithms for switching networks with probabilistic traffic 98507

Geng Mingming *see* Mingming Geng

Geng Rongli *see* Wang Lifang 115969

Geng Wen *see* Wen Geng

Geng Xiaosong *see* Zhao Jijiu 119972

Geng Xinhua *see* Yu Zhenrui 112403

Geng Xu *see* Weizhu Lin 105318

Geng Xuecang *see* Xuecang Geng

Geng Zhiyong, Wang Enping, Huang Lin Stability analysis on the family of nonlinearly parameterized real polynomials 113060

Geng-Lin Chen, Jyh-Shin Pan, Jia-Lung Wang Video encoder architecture for MPEG2 real time encoding 108472

Geng-Sheng Kuo Elements of mobile computing environment for future PCS networks 118881

Gengelbach, R. *see* Gitkind, N. 75609

Gengmin Zhang *see* Zhang Gengmin

Gengna Du *see* Jinliang Yuan 84101

Gengxing Yang Pseudocolour encoding by lensless one-step rainbow holography with a synthesized slit 107619

Gengyin Li *see* Li Gengyin

Genilloud, G. *see* Znaty, S. 77872

Genin, D. *see* Van Canneyt, M. 98943

Genin, F.Y. *see* Kang, S.H. 74616

Genin, F.Y. *see* Stolz, C.J. 106921

Genin, F.Y. *see* Walton, C.C. 107474

Genin, Y. *see* Atallah, M. 86745

Genin, Y.Y. *see* Carrette, P. 108315

Genis, V.I. *see* Varghese, T. 110681

Genming Jin *see* Jin Genming

Gennarelli, C. *see* Bucci, O.M. 65767

Gennarelli, C. *see* Bucci, O.M. 85950

Gennarelli, C. *see* Bucci, O.M. 116998

Gennarelli, C. *see* Corona, P. 116876

Gennari, E. *see* Bindra, R. 100949

Gennari, S. *see* Attolini, G. 92733

Gennari, S. *see* Franzosi, P. 61274

Gennari, S. *see* Zeng, W. 92723

Gennaro, R., Jarecki, S., Krawczyk, H., Rabin, T. Robust threshold DSS signatures 86073

Gennaro, R., Jarecki, S., Krawczyk, H., Rabin, T. Robust and efficient sharing of RSA functions 97499

Gennaro, S.Di *see* Di Gennaro, S.

Gennart, B. *see* Deppner, F. 99797

Gennart, B.A., Messerli, V., Hersch, R.D. Performances of multiprocessor multidisk architectures for continuous media storage 68854

Genneri, E. *see* Bindra, R. 90209

Gennerich, A. *see* Schild, D. 101370

Gennero, M.C. *see* Cazenave, A. 88704

Gennip, E.M.S.J.Van *see* Van Gennip, E.M.S.J.

Gennis, M. *see* Ban, J. 69810

Gennissen, P.T.J., French, P.J., De Munter, D.P.A., Bell, T.E., Kaneko, H., Sarro, P.M. Porous silicon micromachining techniques for accelerometer fabrication 84665

Gennissen, P.T.J. *see* Bartek, M. 72832

Genno, H., Matsumoto, K., Suzuki, R. High-speed method of fractal block coding in image compression 66947

Gennser, G. *see* Hu, J. 90467

Gennser, U. *see* Coppinger, F. 62929

Gennser, U. *see* Dubrovskii, Yu.V. 62827

Gennser, U. *see* Gusev, G.M. 62876

Gennser, U. *see* Gusev, G.M. 63032

Gennser, U. *see* Gusev, G.M. 74426

Gennuso, G. *see* Coli, M. 92551

Genoe, J. *see* Kindlihagen, A. 64988

Genoe, M. *see* Wenin, J. 77805
Genon, A. *see* Dular, P. 104906
Genon, A. *see* Hedia, H. 116825
Genon, A. *see* Henrotte, F. 61124
Genon, A. *see* Meys, B. 107979
Genon, A. *see* Remacle, J.-F. 65636
Genossar, J. *see* Fisher, B. 95440
Genova, L. *see* Wienands, U. 79958
Genovesi, G.L. *see* Beverini, N. 119926
Genrich, M. *see* Rohm, I. 69333
Gens, E.J.C.De *see* De Gens, E.J.C.
Genta, G. *see* Bove, M. 90495
Gentens, J. *see* Van Duppen, P. 69686
Genthe, S. *see* Ebert, A. 70761
Gentile, A., Cat, H., Kossentini, F., Sorbello, F., Wills, D.S. Real-time implementation of full-search vector quantization on a low memory SIMD architecture 83139
Gentile, A.C., Kushner, M.J. Microstreamer dynamics during plasma remediation of NO using atmospheric pressure dielectric barrier discharges 62545
Gentile, G., Meo, S., Bucci, G., Ometto, A., Scarano, M. Performance of inverter-fed linear induction motors 91562
Gentile, G., Meo, S., Ometto, A., Scarano, M. Modelling and analysis of linear induction drives 112432
Gentile, G. *see* Abbruzzese, F. 102751
Gentile, L.C. *see* Burke, W.J. 111023
Gentile, O. *see* Casapulla, G. 118435
Gentile, T.R., Cromer, C.L. Mode-locked lasers for high-accuracy radiometry 89091
Gentile, T.R., Houston, J.M., Cromer, C.L. Realization of a scale of absolute spectral response using the National Institute of Standards and Technology high-accuracy cryogenic radiometer 99998
Gentili, G.B. *see* Avitabile, G. 85988
Gentili, G.B. *see* Soffici, G. 97344
Gentili, G.Biffi *see* Biffi Gentili, G.
Gentili, G.G., Melloni, A. Analysis of cylindrical cavities coupled by rectangular apertures by the LSE generalized admittance matrix 116960
Gentili, G.G. *see* Salazar-Palma, M. 76509
Gentili, M. *see* Di Fabrizio, E. 74658
Gentilli, G. *see* Alonso, J.I. 99288
Gentinne, B., Flandre, D., Colinge, J.-P. Measurement and modeling of thin-film accumulation-mode SOI p-MOSFET intrinsic gate capacitances 74719
Gentinne, B. *see* Colinge, J.P. 105980
Gentle, D.G. *see* Cook, R.J. 76618
Gentle, D.G. *see* Stubenrauch, C.F. 108058
Gentle, G. *see* Warren, T. 112820
Gentner, F. *see* Kronenberg, S. 120239
Gentner, J.-L., Jarry, P., Goldstein, L. Chemical beam etching of InP in GSMBE 63314
Gentner, J.-L., Jarry, P., Goldstein, L. Single run etching and regrowth of InP/GaInAsP by GSMBE 105633
Gentner, J.L. *see* Gaumont, E. 96069
Gentner, J.L. *see* Peyre, J.L. 94811
Gentry, M. *see* Bernadas, S. 79200
Gentry, T. OSPs and the assembly process [PCB assembly] 94105
Gentzler, C.R. *see* Sooknanan, K. 93139
Genuchten, M.van *see* van Genuchten, M.
Genuist, Y. *see* Gruen, M. 74206
Genut, M., Tehar-Zahav, O., Iskevitch, E., Livshits, B. Excimer laser photoresist stripping 105809
Genwa, K.R. *see* Gangotri, K.M. 91747
Genxiang Chen *see* Chen Genxiang
Genxin Zhang *see* Zhang Genxin
Genz, A., Keister, B.D. Fully symmetric interpolatory rules for multiple integrals over infinite regions with Gaussian weight 72605
Genz, H. *see* Schlott, V. 79831
Geo Yuming *see* He Jinliang 70984
Geohegan, D.B. *see* Chen, K.R. 96595
Geohegan, D.B. *see* Lowndes, D.H. 113425
Geok See Ng *see* Ng Geok See
Geok Soon Hong *see* Kai Xin 97916
Geok Tan Joo *see* Tan Joo Geok
Geok-See Nn *see* Khue-Hiang Chan 86682
Geon Joon Lee *see* Tong Kun Lim 85618
Geon Kyeong Mun *see* Mun Geon Kyeong
Geon-Wen Chang *see* Bae-Heng Tseng 61330
Geonung Kim, Sunshin An Call processing architecture and algorithms for future network 98796
Geonyou Jo *see* Soamyung Park 87880
Georgakilas, A., Papavassiliou, C., Constantinidis, G., Tsagaraki, K., Krasny, H., Lochtermann, E., Panayotatos, P. Effects of Si(100) tilting angle and prelayer conditions on GaAs/Si heterostructures 113327
Georgakilas, A. *see* Aperathitis, E. 115138
Georganas, N.D. Synchronization issues in multimedia presentational and conversational applications 109254
Georgantas, N. *see* Chatzipapadopoulos, F. 120478
Georgantzis, G.J., Hatziargyriou, N.D. Integrated computer environment for economic and technical evaluation of power system interconnections 101870
Georgatsos, P., Griffin, D. A management system for load balancing through adaptive routing in multi-service ATM networks 87604
George, A., Crouch, D. SCADA/OI package boosts productivity, profitability at natural gas processing plant 119563
George, A., Ikramov, Kh. Is the polar decomposition finitely computable? 61017
George, A., Miars, M., Todd, R., Rosen, W. Modeling and simulation of processors and networks for smart Navy aircraft components and systems 70569
George, A. *see* Hopwood, L. 98345
George, D.T. *see* Rovner, A.L. 80413
George, E.V. *see* Phipps, C.R. 80679
George, F.W., III. *see* Shrivastava, P.N. 110893
George, G. *see* Birtwhistle, D. 70936
George, G. *see* Sleeth, R.G. 118198
George, G. *see* Sutherland, J. 116289
George, I. *see* Busso, E.P. 113546
George, J. *see* Deepukumar, M. 97341
George, J. *see* Wagstaff, R.A. 119328
George, K. *see* Mohanty, R.K. 72663
George, K. *see* Mohanty, R.K. 92624
George, M.A. *see* Chen, H. 114600
George, M.A. *see* Tung, Y.S. 63375
George, N. *see* Srivastava, A. 69347
George, N. *see* Srivastava, A. 79595
George, P.J., Sanchez-Juarez, A., Nair, P.K. Modification of electrical, optical and crystalline properties of chemically deposited CdS films by thermal diffusion of indium and tin 74275
George, P.J. *see* Garcia, V.M. 114643
George, P.K., Hansen, M., Machelski, R., Mowry, G. Origin of microtrack side bumps for a shared pole MR head on isotropic media 115727
George, S., Fiekowsky, P. A practical and precise method for mask defect size measurement 115061
George, S. *see* Beaudin, G. 79100
George, S. *see* Febvre, P. 68828
George, T. *see* Asif Khan, M. 75936
George, W. 1996–a good year for fieldbuses 99843
Georgel, B., Lavayssiere, B. Data fusion: a new concept in non-destructive testing 113566
Georges, J.A., III *see* Statman, D. 95729
Georges, J.B., Lux, R.A., Cutrer, D.M., Yeung, S.P., Lau, K.Y. Fiber-optic transport and RF phase control of narrowband millimeter-wave signals using multicontact monolithic semiconductor lasers 99502
Georges, J.B., Lux, R.A., Yeung, S.P., Lau, K.Y., Chang, W. Simultaneous fiber-optic transport and RF phase control of narrow-band millimeter-wave signals using multicontact monolithic semiconductor lasers 78946
Georges, J.B., Yeung, S.P., Cutrer, D.M., Ta-Chung Wu, Lau, K.Y., Lux, R.A., Chang, W. Transmission of millimeter-wave signals using uncoated telecommunications-grade distributed feedback lasers 99582
Georges, J.B. *see* Arredondo, A. 118973
Georges, J.B. *see* Cutrer, D.M. 68146
Georges, J.B. *see* Cutrer, D.M. 99289
Georges, J.B. *see* Yeung, S.P. 78824
Georges, J.B. *see* Yeung, S.P. 119150
Georges, J.P. *see* Tronc, D. 80474
Georges, L.R., Kladas, A.G., Manias, S.N. Finite element based production motor model for adaptive field-oriented drive for electrical vehicle 71830
Georges, M.P., Lemaire, P.C. Holographic interferometry using photorefractive crystals for quantitative phase measurement on large objects 96791
Georges, P. *see* Baudez, G. 98904
Georges, P. *see* Falcoz, F. 96207
Georges, P. *see* Faloss, M. 96121
Georges, P. *see* Travier, C. 90084
Georges, T. Measurement technique for pump and signal background absorption of erbium doped fibres 75428
Georges, T. Non-Gaussian timing jitter statistics of controlled solitons 85665
Georges, T. Jitter in fibre-based soliton transmission systems 119129
Georges, T., Charbonnier, B. Continuum generated by chromatic dispersion and power variations in periodically amplified soliton links 99534
Georges, T., Charbonnier, B., Favre, F. Influence of filter frequency dispersion on soliton arrival time jitter 85617
Georges, T. *see* Favre, F. 78647
Georges, T. *see* Landousies, B. 119138
Georges, T. *see* Quetel, L. 78775
Georgescu, A. *see* Constantinescu, F. 61586
Georgescu, B., Ducroquet, F., Girard, P., Guillot, G., Nait-Zerrad, K., Post, G. Correlation between trap characterization by drain conductance dispersion and current transient spectroscopy in InAlAs/InP HFET 106072
Georgescu, C. *see* Timus, C.A. 76322
Georgescu, G., Gavrilas, M., Cartina, G., Alexandrescu, V. The optimal planning of medium voltage power distribution networks 70866
Georgescu, G., Micluta, M. The role of two- and three-ion energy transfer processes in three-micron generation of erbium doped crystals 107172
Georgescu, G. *see* Di Nola, A. 92368
Georgescu, G. *see* Timus, C.A. 76322
Georgescu, S. *see* Lupei, V. 75910
Georgeson, M.A., Meese, T.S. Perceived structure of plaids implies variable combination of oriented filters in edge-finding 108529
Georghiades, C.N. *see* Jae Choong Han 88155
Georghiades, C.N. *see* Soljanin, E. 64396
Georgiades, C. *see* Persephonis, P. 104990
Georgiades, C. *see* Persephonis, P. 107092
Georgiadis, G.C. *see* Rastomjee, C.S. 105567
Georgiadis, L., Guerin, R., Peris, V., Rajan, R. Efficient support of delay and rate guarantees in an Internet 118459
Georgiadis, L., Guerin, R., Peris, V., Sivarajan, K.N. The effect of traffic shaping in efficiently providing end-to-end performance guarantees 77553
Georgiadis, L., Guerin, R., Peris, V., Sivarajan, K.N. Efficient network QoS provisioning based on per node traffic shaping 87302
Georgiadis, L., Guerin, R., Peris, V., Sivarajan, K.N. Efficient network QoS provisioning based on per node traffic shaping 98400
Georgiadis, R. *see* Peterlinz, A. 110330
Georgian, C., Taras, P., Baicu, F. Hazard plotting for incomplete failure data-computer program 84697
Georgiannakis, G.Y., Trahanias, P.E., Nikolaou, C.N., Orphanoudakis, S.C. Design of an immersive teleconferencing application 78132
Georgiev, A. *see* Stein, J. 100922
Georgiev, A.A. *see* Hong Liu 108444
Georgiev, I. *see* Gotchev, A. 86137
Georgiev, I. *see* Kraevski, N. 89198
Georgiev, J.K. *see* Dimitrov, D.A. 99917
Georgiev, S. *see* Toneva, A. 119687
Georgiev, T.P. *see* Shishkov, B.B. 86293
Georgieva, N., Yamashita, E. Analysis method for transient fields in planar structures by marching-on-in-time integral equation technique 97238
Georgievski, A.M., Zaitsev, S.V. Sensitive optical autocorrelator based on two-photon absorption in an AlGaAs waveguide for studying InGaAsP/InP lasers 85570
Georgii, R., Dattoli, G., Giannessi, L. High gain FEL regime, inhomogenous broadening effects: comparison between numerical and analytical results 76050
Georgin, E., McDonald, J.R., Ricard, B. Combining different intelligent reasoning techniques for explaining faults on turbine generators 111873
Georgsson, K. *see* Miller, M.S. 113298
Georgsson, K. *see* Persson, L. 105730
Geosling, C.E. Clean cavity contamination in gas lasers 107422
Geping Chen, Stavrakakis, I. ATM traffic management with diversified loss and delay requirements 87605
Geping Li *see* Li Geping
Geppert, L. *see* Perry, T.S. 107941
Geppert, R., Chen, J., Goppert, R., Irsigler, R., Ludwig, J., Rogalla, M., Runge, K., Schafer, F., Schmid, T., Da Via, C., Webel, M., Weber, C. Results in GaAs microstrip detectors 120141
Geppert, R. *see* Chen, J.W. 114803
Geppert, R. *see* Irsigler, R. 120139
Geppert, R. *see* Rogalla, M. 120146
Geppert, W. *see* Behammer, D. 105908
Ger Muh-Ling *see* Muh-Ling Ger
Gera, R. *see* Singhal, A. 111579
Geraci, A., Zambusi, M., Ripamonti, G. A comparative study of the energy resolution achievable with digital signal processors in X-ray spectroscopy 69888
Geraci, A., Zambusi, M., Ripamonti, G. Performance comparison of near-optimum digital pulse processors in high resolution X-ray spectroscopy 100923
Gerads, D. AIN 0.2 extensions in a testbed environment 67897
Gerads, D. AIN 0.2 extensions in a testbed environment 78149
Geraghty, D. *see* Vahala, K. 65239
Geraghty, D. *see* Vahala, K.J. 88480
Geraghty, J.E. Structural integrity of Sizewell B–the way forward 71086
Gerakoulis, D.P. Demand assignment switching for terrestrial and satellite networks 67658
Geraniotis, E. *see* Chan, W.C. 87953
Geraniotis, E. *see* Cordier, M. 68042
Geraniotis, E. *see* Ie-Hong Lin 87488
Geraniotis, E. *see* Shee Yao 108803
Geraniotis, E. *see* Yu-Wen Chang 109474
Gerard, B. *see* Parillaud, O. 61218
Gerard, G. *see* Arena, V. 90171
Gerard, J.M., Barrier, D., Marzin, J.Y., Kuszeleqicz, R., Manin, L., Costard, E., Thierry-Mieg, V., Rivera, T. Quantum boxes as active probes for photonic microstructures: the pillar microcavity case 85549
Gerard, J.M., Cabrol, O., Marzin, J.Y., Lebouche, N., Moison, J.M. Optical investigation of some statistic and kinetic aspects of the nucleation and growth of InAs islands on GaAs 72844
Gerard, J.M., Cabrol, O., Sermage, B. InAs quantum boxes: highly efficient radiative traps for light emitting devices on Si 75735
Gerard, J.M., Marzin, J.Y., Zimmermann, G., Ponchet, A., Cabrol, O., Barrier, D., Jusserand, B., Sermage, B. InAs/GaAs quantum boxes obtained by self-organized growth: intrinsic electronic properties and applications 63082
Gerard, J.M. *see* Moison, J.M. 61176
Gerard, P. *see* Andrieu, O. 115650
Gerard, P. *see* Deconihout, B. 79562
Gerardi, C. *see* Ciminelli, C. 116090
Gerardi, C. *see* Di Dio, M. 83945
Gerardin, J.-P., Donnette, J.E. Method for evaluating the system instrumentation for loose part detection in the primary cooling circuit of French PWRs 91289

Gerasimenko, I.A. *see* Sidorenko, V.D. 95552
Gerasimenko, I.A. *see* Sidorenko, V.D. 95553
Gerasimenko, N.N., Khryashchev, G.S., Kuryshev, G.L., Myasnikov, A.M., Obodnikov, V.I. SIMS study on redistribution of implanted impurities in InSb and InAs during post-implantation annealing 83848
Gerasimenko, N.N. *see* Adamenkov, A.A. 116321
Gerasimov, A. Macroparticle simulation of stochastic cooling 79855
Gerasimov, A.I. Application of nonuniform electric lines in the Marx generator to stabilize the switching delay of spark gaps 91641
Gerasimov, Yu.A. *see* Aleksandrov, G.N. 121202
Gerasimova, L.A. Interferometric measurement of the refractive-index gradient distribution in gradient-index optical blanks 89530
Gerasin, V.V., Likhobabin, N.P., Politanskii, L.F. Mathematical model of a DMOS transistor in the approximation of an exponential impurity distribution in the N-channel region 115225
Gerassimov, S.G. *see* Mueller, U. 69711
Geraud, T., Aurdal, L., Maitre, H., Bloch, I., Adamsbaum, C. Estimation of partial volume effect using spatial context. Application to morphometry in cerebral imaging [MRI] 101242
Gerber, B. *see* Sibomana, M. 101243
Gerber, C. *see* Mannhart, J. 95481
Gerber, J., Robertson, J., Sattel, S., Ehrhardt, H. Role of surface diffusion processes during bias-enhanced nucleation of diamond on Si 72912
Gerber, J., Sattel, S., Ehrhardt, H., Robertson, J., Wurzinger, P., Pongratz, P. Investigation of bias enhanced nucleation of diamond on silicon 61353
Gerber, J. *see* Manfai Fong 101656
Gerber, J. *see* Wurzinger, P. 72924
Gerber, R. TWT in the Ka-band 62637
Gerber, R., Gharai, L. Experiments with digital video playback 78168
Gerber, R., Visconti, P. New communications access for analog and ISDN customers of ETV 118517
Gerber, R.E. *see* Goodman, T.D. 84946
Gerber, R.L. *see* Cheng, A. 80512
Gerber, R.L. *see* Michalski, J.M. 70219
Gerber, S. *see* Hammoud, A. 91614
Gerber, S.S. *see* Ray, B. 71466
Gerberich, W.W. *see* De Boer, M.P. 82806
Gerbier, G. *see* Barabanov, I.R. 110568
Gerbig, F. *see* Subramanian, R. 109538
Gerbrands, J. *see* den Hartog, J. 67488
Gerdemann, R. *see* Gross, R. 64557
Gerdes, J. *see* Rheinfelder, C. 83456
Gerdes, J. *see* Rheinfelder, C. 83484
Gerdes, J. *see* Rheinfelder, C.N. 114334
Gerdjikov, V.S. *see* Uzonov, I.M. 64658
Gerek, O.N., Cetin, A.E., Tewfik, A.H. Wavelet domain textual coding of Ottoman script images 86509
Geren, N. Non-contact temperature measurement in SM component rework 73878
Gerez, V. *see* Dolan, P.S. 91939
Gerez, V. *see* Ramos, G. 102215
Gerez, V. *see* Ramos-Niembro, G. 81071
Gergel, V., Lapushkin, I., Zakharova, A. Self-consistent calculation of current-voltage characteristics of resonant tunnelling structures with type II heterojunctions 114725
Gergely, S., Saunders, D. Modelling the operation of data communication networks 78090
Gerges, R. *see* Polydoros, A. 88380
Gerhard, M. *see* Feldmann, K. 94071
Gerhard, M. *see* Feldmann, K. 112958
Gerhardt, L.A., Hyun, K. Three-dimensional view planning for noncontact dimensional inspection 67346
Gerhardt, L.A. *see* Vizcaya, P.R. 77417
Gerhardt, P.M. Multimedia Communications eXchange (MMCX) local and wide area network considerations 87997
Gerhardt, T., Rebmann, M., Spliethoff, H., Hein, K.R.G. Investigations into the combined combustion of communal sewage sludge in pulverized coal-fired combustion systems 102440
Gerhardt, T. *see* Waag, A. 92708
Gerhardt-Powals, J. *see* Hartley, S. 103338
Gerhardts, R.R. Quasiclassical calculation of magnetoresistance oscillations of a two-dimensional electron gas in spatially periodic magnetic and electrostatic fields 63026
Gerhardts, R.R., Pfannkuche, D., Gudmundsson, V. Hofstadter-type energy spectra in lateral superlattices defined by periodic magnetic and electrostatic fields 63065
Gerhardts, R.R. *see* Manolescu, A. 105282
Gerhardts, R.R. *see* Ye, P.D. 105261
Gerhart, G. *see* Meitzler, T. 87145
Gerhart, G. *see* Singh, H. 97948
Gerhart, G. *see* Tagliarini, G. 87162
Gerhart, G.R. *see* Choe, H.C. 97668
Gerhart, G.R. *see* Karlsen, R.E. 87173
Gerhold, J., Hubmann, M. Dielectric losses in liquid nitrogen 75052
Gerhold, J., Hubmann, M. Improved dry rotating disk separator 97004
Gerhold, J. *see* Fresacher, G. 103043
Gerhold, J. *see* Hara, M. 81921
Geri, A., Saulli, P., Salvini, A. Electric and magnetic coupled problems solved by equivalent circuit models 102166
Geri, A., Veca, G.M., Salvini, A. Effects of magnetic field characteristics on SC MHD linear generator performance 121903
Geri, A. *see* Battistelli, L. 121902
Gerikh, V.P., Okin, A.A., Portnoi, M.G., Beim, R.S., Litkens, I.V., Syromyatnikov, S.Yu., Filippova, N.G., Shtrobel, V.A. Investigation of dynamic characteristics of an electrical power system of longitudinal structure 101688
Gerin, G. *see* Rodriguez-Mateos, F. 90047
Gerini, G. *see* Farina, M. 62270
Gerini, G. *see* Farina, M. 62339
Gerisch, P. *see* Steinhausen, C. 101201
Gerke, M., Vogt, H., Fiekert, W., Kretschmann, H.-J. 3D reconstructions of neurofunctional structures for neuroimaging 110764
Gerken, M. On fixed-point quantization schemes 83218
Gerken, M. *see* Bahr, D. 89243
Gerken, M. *see* Miranda, M.D. 97698
Gerl, F. *see* Winkel, J.O. 73592
Gerl, J. *see* Kroell, T. 69764
Gerla, M., Cavendish, D., Mascolo, S. ATM networks: bandwidth allocation and congestion control 117994
Gerla, M., Fotedar, S. ATM traffic and bandwidth management using virtual private networks 67670
Gerla, M., Palnati, P., Walton, S. Multicasting protocols for high-speed, wormhole-routing local area networks 118125
Gerla, M. *see* Bagrodia, R. 78020
Gerla, M. *see* Bambos, N. 98637
Gerla, M. *see* Jain, R. 87669
Gerla, M. *see* Kleinrock, L. 78920
Gerla, M. *see* Lin, C.R. 78521
Gerla, M. *see* Mascolo, S. 87334
Gerlach, D.W. *see* Thallam, R.S. 111623
Gerlach, G. *see* Sager, K. 88993
Gerlach, G. *see* Sager, K. 99921
Gerlach, G. *see* Sager, K. 119597
Gerlach, G. *see* Schroth, A. 106276
Gerlach, H., Schenk, Ch. Short circuit testing device for overhead contact lines of AC railways 112488
Gerlach, J. *see* Frossl, J. 73030
Gerlach, S. *see* Schuppen, A. 93841
Gerlach, W. *see* Falck, E. 63518
Gerlach, W. *see* Reznik, D. 73096
Gerlando, A.Di *see* Di Gerlando, A.
Gerlovin, B.Ya. Method of measuring transverse aberrations 86311
Gerlovin, I.Ya. *see* Abramova, I.N. 62793
Germain, J.P. *see* Passard, M. 114665
Germain, K.M.St. *see* St. Germain, K.M.
Germain, M. *see* Lampe, S. 74208
Germain, M. *see* Lautridou, P. 69792
German, A., Katzir, A. Fatigue of mixed silver halide polycrystalline optical fibres 116022
German, D.M. *see* Haddad, A. 81168
German, D.M. *see* Spellman, C. 111676
German, R. *see* Blouke, M.M. 100119
German, R. *see* Qureshi, M.A. 113150
Germanenko, A.V. *see* Minkov, G.M. 105363
Germanenko, I.N. *see* Gaponenko, S.V. 63013
Germann, R. *see* Hunziker, W. 119214
Germond, A. *see* Czernichow, T. 91069
Germont, A. *see* Beaudin, G. 79100
Gerna, D., Brattoli, M., Chioffi, E., Colli, G., Pasotti, M., Tomasini, A. An analog memory for a QCIF format image frame storage 104737
Gerna, D. *see* Tomasini, A. 79542
Gernandt, D.L. Quality assurance through process monitoring systems 82031
Gerndt, J. *see* Musilek, L. 111001
Gerner, M. *see* Bauer, H.-D. 106801
Gernhaeuser, R., Bauer, B., Friese, J., Homolka, J., Kastenmueller, A., Kienle, P., Koerner, H.-J., Maier-Komor, P., Muench, M., Schneider, R., Zeitelhack, K. Photon detector performance and radiator scintillation in the HADES RICH 69126
Gernhaeuser, R. *see* Zeitelhack, K. 69712
Gerogiokas, M. *see* Howard, J. 104784
Geronimo, G.De *see* De Geronimo, G.
Geropp, B. *see* Seeliger, A. 103477
Gerosa, G. *see* Alei, S. 93728
Gerosa, G. *see* Di Nallo, C. 85946
Gerosa, G. *see* Sanchez, H. 73466
Gerosa, M. *see* Foroni, R. 110670
Gerrand, P. Network interworking post-1997 98570
Gerrits, J. *see* Pardoen, M. 78366
Gerritsen, H.J. *see* Jepsen, M.L. 95844
Gerritsma, G.J., Verhoeven, M.A.J., Moerman, R., Blank, D.H.A., Rogalla, H. Growth and transport properties of tunneling barriers in HTS devices 95502
Gerritsma, G.J. *see* Verhoeven, M.A.J. 95433
Gerry, M.J. *see* Walton, E.K. 99626
Gerschutz, J. *see* Scholl, S. 62714
Gersh, D.R. *see* Williamson, S. 102703
Gershenzon, E. *see* Kawamura, J. 115972
Gershenzon, E.M. *see* Semenov, A.D. 84907
Gershenzon, E.M. *see* Verevkin, A.A. 105288
Gershenzon, E.M. *see* Voronov, B.M. 75293
Gershkovich, V. *see* Craven, B.D. 72548
Gershman, A.B., Matveyev, A.L., Bohme, J.F. Signal power estimation in sensor array: ML estimator and CRB in the case of nonidentical unknown sensor noise powers 66784
Gershman, A.B., Nickel, U., Bohme, J.F. Adaptive beamforming robust against moving jammers 66739
Gershman, A.V., Sato, S.H. Multimedia communications and groupware 67933
Gersho, A. *see* Das, A. 86135
Gersho, A. *see* Kawashima, T. 99231
Gersho, A. *see* Miller, D. 66199
Gersho, A. *see* Rao, A. 66457
Gershon, D. *see* Calame, J.P. 104176
Gershoni, D. *see* Duer, R. 63038
Gersht, A., Kheradpir, S., Shulman, A. Dynamic bandwidth-allocation and path-restoration in SONET self-healing networks 88541
Gersing, E., Hofmann, B., Osypka, M. Influence of changing peripheral geometry on electrical impedance tomography measurements 120461
Gerson, D.J., Wood, S.E., Jr. RADIUS phase II–the RADIUS testbed system 67478
Gerstel, O., Cidon, I., Zaks, S. Efficient support for the client/server paradigm over heterogeneous ATM networks 87508
Gerstenberg, H. *see* Berland, V. 74693
Gerstenberg, H. *see* Berland, V. 110510
Gerstenmayer, J.-L., Gigot, J.-F., Izycki, M., Hennion, C., Le Dain, L. Gamma ray pixellized scintillator imagers: high spatial resolution and sensitivity capabilities. Simulation by Monte-Carlo 80139
Gerstenmayer, J.-L., Heindl, R., Franco, P. MeV radiography: storage phosphors imaging plate adaptations 80140
Gerster, C., Hofer, P., Karrer, N. Gate-control strategies for snubberless operation of series connected IGBTs 121715
Gerster, C. *see* Hofer, P. 121671
Gerstner, A., Hanssler, R. EMC test center supports design: One-stop testing for mobile phones 88148
Gersum, S.von *see* von Gersum, S.
Gertel, E. *see* Logan, R.T., Jr. 68457
Gertenbort *see* Tamura, T. 101025
Gerth, D.M.A. Fixed capacitors for electromagnetic interference suppression and connection to the supply mains–experiences gained by QUINEL 93969
Gerthsen, D. *see* Litz, M.T. 74160
Gertler, J., Costin, M. Model-based diagnosis of automotive engines–case study on a physical vehicle 103476
Gertman, D.I., Haney, L.N., Siu, N.O. Representing context, cognition, and crew performance in a shutdown risk assessment 81286
Gertman, D.I., Reece, W.J., Calley, M.B., Smith, C.L. NUCLARR case study for a SGTR sequence 71057
Gertmar, L., Rydholm, B. Designs of synchronous reluctance motors and performance comparisons with asynchronous motors 91488
Gertmar, L. *see* Templin, P. 91535
Gertner, E.R. *see* McDermott, B.T. 63615
Gertsev, K.F., Lugin, J.A., Novikov, V.P., Serga, E.V., Gribkov, V.L., Kiryukhin, N.N., Chervonenkis, A.J. Magneto-optical method to locate SC quadrupole magnetic axis at room temperature 79893
Gervasi, M. *see* Bonelli, G. 99697
Gervasio, D. *see* Kanamura, K. 121874
Gerver, M.J. *see* Dozer, D.M. 115871
Gerwen, P.Van *see* Van Gerwen, P.
Gerzanich, O.I. *see* Shusta, V.S. 106328
Gerzon, M. *see* Craven, P. 119510
Ges, A.P. *see* Luginets, A.M. 72747
Gesang, T. *see* Bauer, A. 112905
Gesbert, D., Duhamel, P. Robust blind joint data/channel estimation based on bilinear optimization 118811
Gesbert, D., Duhamel, P., Mayrargue, S. Blind multichannel adaptive MMSE equalization with controlled delay 117924
Geschonke, G. *see* Tuckmantel, J. 100498
Gesell, L. *see* Turpin, T. 76285
Gesell, L.H., Evanko, S.M. Optical resonators for true time-delay beam steering 116026
Gesell, L.H., Turpin, T.M., Phillips, L.C. Application of the ImSyn processor to acoustic tomography 80260
Gesell, L.H., Turpin, T.M., Rubin, M.W. True time delay beamforming using fiber optic cavities 66150
Gesell, L.H. *see* Dorsett, M.J. 99634
Geshiro, M., Kitamura, T., Yoshikawa, T., Sawa, S. A two-waveguide tapered velocity coupler for variable divider of optical power 64763
Geshiro, M. *see* Kitamura, T. 116098
Geshiro, M. *see* Yabu, T. 85067
Gesick, W.R. *see* McCormack, M.T. 83621
Gesick, W.R. *see* Ochoa, E. 94093
Gesland, J.Y. *see* Breteau, J.M. 75906
Gessert, T. *see* Niles, D.W. 91737
Gessert, T.A., Mason, A.R., Sheldon, P., Swartzlander, A.B., Niles, D., Coutts, T.J. Development of Cu-doped ZnTe as a back-contact interface layer for thin-film CdS/CdTe solar cells 91731
Gessner, T. *see* Teichert, J. 74930
Gestel, P.Van *see* Van Gestel, P.
Gester, M., Daboo, C., Hicken, R.J., Gray, S.j., Ercole, A., Bland, J.A.C. Continuous evolution of the in-plane magnetic anisotropies with thickness in epitaxial Fe films 84795
Getino, J., Gutierrez, J., Ares, L., Robla, J.I., Horrillo, M.C., Sayago, I., Agapito, J.A. Integrated

sensor array for gas analysis in combustion atmospheres 119770
Getreu, I. *see* McAndrew, C. 63627
Getreu, I. *see* McAndrew, C.C. 115157
Getty, R. *see* Drozdyk, L. 94833
Geudtner, D., Winter, R., Vachon, P.W. Flood monitoring using ERS-1 SAR interferometry coherence maps 111299
Geul Lee Sang *see* Sang Geul Lee
Geulig, E. *see* Braunschweig, W. 120173
Geum-Bae Cho *see* Jong-Gyu Hwang 121058
Geun Dae Kim *see* Byung Kyun Kim 109390
Geun Jang Chan *see* Chan Geun Jang
Geun Kim Tae *see* Tae Geun Kim
Geun Sook Park, Jae Ho Lee, Keun Hyung Park Effects of source bias on the programming characteristics of submicron EPROM/flash EEPROM 83125
Geun Teak Ryu *see* Dong Won Kim 109269
Geun-Hie Rim, Iouri Kang, Won-Ho Kim, Jong-Soo Kim A shunt hybrid active filter with two passive filters in tandem 71435
Geun-Hie Rim, Won-Ho Kim, Jung-Goo Cho ZVT single pulse-current converter for switched reluctance motor drives 71473
Geun-Hie Rim *see* Jung-Goo Cho 71442
Geun-Soon Kang *see* Hee-Cheol Choi 93530
Geun-Ung Oh *see* Dal-Ho Im 102760
Geun-Woo Lee *see* Suk-Ho Choi 114572
Geun-Young Yeom *see* Hyeon-Soo Kim 84137
Geunbae Lim, Minami, K., Yamamoto, K., Sugihara, M., Uchiyama, M., Esashi, M. Active catheter for medical intracoronary intervention 110872
Geunsoon Kang, Myungjun Choe, Minkyu Song A high performance CMOS A/D converter for a digital camcorder system 109944
Geunsoon Kang *see* Minkyu Song 113805
Geunyoung Lee *see* Soran Ine 118431
Geurkov, V.L. Diagnosis of microprocessor based measurement instruments, measuring parameters of passive complex quantities 110023
Geurts, J. The characterization of semiconductor layer and interface quality with special reference to Raman spectroscopy 74277
Geurts, J., Woitok, J. Raman and X-ray characterization of III-V interfaces 105340
Geurts, J. *see* Behres, A. 105335
Geurts, J. *see* Hamadeh, H. 74153
Geurts, J. *see* Hermans, J. 74223
Geurts, J.L. *see* Mayer, I.S. 92129
Geurtsen, A.J.M., Kools, J.C.S., de Wit, L., Lodder, J.C. Pulsed laser deposition of permanent magnetic $Nd_2Fe_{14}B$ thin films 92929
Geurtz, A.M. *see* Schulz, D. 109595
Geus, K.De *see* De Geus, K.
Geuther, H., Jacobsen, H., Mirande, W. Comparison of various microscopical techniques for CD measurements 74646
Geuther, H. *see* Mirande, W. 74645
Geuthner, K. Coaxial plug and socket connectors 114376
Geva, M. *see* Chu, S.N.G. 114862
Geva, M. *see* Hamm, R.A. 103942
Geva, M. *see* Hwang, W.-Y. 84347
Gevchuk, A. *see* Bulyak, E. 80149
Gevchuk, A.V. *see* Anischenko, N.G. 120106
Gevers, M. *see* Carrette, P. 108315
Gevorgian, H.V., Hakoplan, H.A., Sahakian, A.A. Bivariate Hermite interpolation and numerical curves 72595
Gevorgian, S., Carlsson, E., Linner, P., Kollberg, E., Vendik, O., Wikborg, E. Lower order modes of YBCO/STO/YBCO circular disk resonators 114232
Gevorgian, S., Linner, P., Kollberg, E. Analytical models for shielded and multilayered CPW 65942
Gevorgian, S. *see* Vendik, I. 114223
Gevorgian, S.S., Martinsson, T., Carlsson, E., Linner, P. Experimental characterisation of gaps in HTSC coplanar waveguides 95623
Gevorgian, S.S., Martinsson, T., Linner, P.L.J., Kollberg, E.L. CAD models for multilayered substrate interdigital capacitors 73825
Gevorgian, S.S. *see* Vendik, I.B. 62183
Gevorkian, D.Z. *see* Egiazarian, K.O. 76958
Gevorkov, I.G. *see* Vasil'ev, V.A. 102494
Geweniger, C. *see* Braunschweig, W. 120173
Gewinner, G. *see* Roge, T.P. 82623
Geyer, M. *see* Nemcsics, A. 92727
Geyer, R.G., Mantese, J., Baker-Jarvis, J. Effective medium theory for ferrite-loaded materials 108003
Geyer, R.G. *see* Krupka, J. 64328
Geyer, R.G. *see* Krupka, J. 95386
Geyer, W., Bernhardt, C., Biersack, E. A synchronization scheme for stored multimedia streams 78183
Geyer, W., Hesse, S., Newrly, N. TSE-P: A highly flexible tool for testing network management applications using simulation 118251
Geyer, W. *see* Biersack, E. 98868
Geyi Wen *see* Wen Geyi
Geyling, F., Hill, R., Krishnan, A. Flow simulations improve semiconductor yield 114944
Geyu Lu, Miura, N., Yamazoe, N. Mixed potential hydrogen sensor combining oxide ion conductor with oxide electrode 100161
Geza Joos *see* Moschopoulos, G. 121569
Gfeller, F., Hirt, W., de Lange, M., Weiss, B. Wireless infrared transmission: How to reach all office space 118401
Gfeller, F. *see* Ritter, M.B. 78866
Ghaddar, C.K. *see* Yesilyurt, S. 92632
Ghadiali, M., Poon, J.C.H., Siu, W.C. Fuzzy pattern spectrum as a texture descriptor 108560
Ghadiali, M. *see* Poon, J.C.H. 67149
Ghaemi, H.F. *see* Unlu, M.S. 65269
Ghaffarian, R. Solder-joint quality with low-volume PCB processing 101483
Ghafoor, A. Which network will win? 109222
Ghafoor, A. *see* Baqai, S. 109212
Ghaforian, A. *see* Litva, J. 65843
Ghafouri-Shiraz, H., Aruga, T. Improvement of coupling efficiency between a 0.82 μm wavelength laser diode and a VAD single-mode fibre by conical microlenses 95685
Ghafouri-Shiraz, H., Tan, P.W. Study of a novel laser diode amplifier structure 116501
Ghafouri-Shiraz, H., Tan, P.W., Aruga, T. Analysis of a semi-linear tapered-waveguide laser-diode amplifier 75931
Ghafurian, R. *see* Walldorf, S.P. 121172
Ghailane, F., Manivannan, G., Lessard, R.A. Photochromics-doped polymer systems as erasable holographic recording medias 76290
Ghailane, F. *see* Lessard, R.A. 95660
Ghailane, F. *see* Lessard, R.A. 107622
Ghaisas, S.V. *see* Harkar, A. 105872
Ghajar, R., Billinton, R. Evaluation of the marginal outage costs in interconnected generating systems 80926
Ghajar, R., Billinton, R., Chan, E. Distributed nature of residential customer outage costs 101922
Ghajar, R. *see* Billinton, R. 102531
Ghaleb, I., Davila, C.E., Srebro, R. Detection of near threshold contrast visual evoked potentials using coherent detection techniques 70136
Ghalwash, A. *see* Zaki, M. 86147
Ghanassi, M. *see* Schanne-Klein, M.C. 76206
Ghanbari, M. *see* Azari, J. 108861
Ghanbari, M. *see* da Silva, E.A.B. 67081
Ghanbari, M. *see* da Silva, E.A.B. 97901
Ghanbari, M. *see* Dagiuklas, A. 108925
Ghanbari, M. *see* de Faria, S.M.M. 86303
Ghanbari, M. *see* Tan, K.H. 86302
Ghandakly, A. *see* Idowu, P. 90917
Ghandhari, M. *see* Noroozian, M. 101910
Ghandi, K., Hagood, N.W. Nonlinear finite element modeling of phase transitions in electro-mechanically coupled material 106324
Ghane, K. Traffic model for micro-/pico-cellular packet-switching wireless networks 118884
Ghanem, M.C., Al-Haddad, K., Roy, G. A new control strategy to achieve sinusoidal line current in a cascade buck-boost converter 71535
Ghanim, M.H., Tantawy, O.A., Selim, F.M. Gradations of uniformity and gradations of proximity 60858
Ghannam, M. *see* Nijs, J. 103004
Ghannouchi, A.F.M. *see* Kouki, A.B. 110348
Ghannouchi, F.M., Cardinal, J.-S., Hajji, R. An adaptive linearizer using feedback and dynamic biasing techniques for SSPAs 93828
Ghannouchi, F.M. *see* Berube, D. 120366
Ghannouchi, F.M. *see* Boulejfen, N. 76504
Ghannouchi, F.M. *see* Hajji, R. 95058
Ghannouchi, F.M. *see* Hamade, A.H. 104871
Ghannouchi, F.M. *see* Jeckeln, E.G. 82979
Ghannouchi, F.M. *see* Poire, P. 119853
Ghannouchi, F.M. *see* Zhao, G. 82967
Ghanshyam *see* Agarwal, R.N. 107404
Ghanta, S. *see* Abed, M.A.A. 109636
Gharai, L. *see* Gerber, R. 78168
Gharavi, H., Partovi, M.H. Multilevel video coding and distribution architectures for emerging broadband digital networks 117585
Gharavi-Alkhansari, M., Huang, T.S. Fractal image coding using rate-distortion optimized matching pursuit 86549
Gharaybeh, M.A., Bushnell, M.L., Agrawal, V.D. Parallel concurrent path-delay fault simulation using single-input change patterns 93349
Gharbi, A. *see* Erten, G. 103405
Gharbi, A.B.A., Salam, F.M.A. Implementation and experimental results of a chip for the separation of mixed and filtered signals 73595
Gharbi, R. *see* Fathallah, M. 94405
Ghare, D.B. *see* Prakash, S. 94420
Gharib, A. *see* Berland, V. 110509
Gharib, M. *see* Raffel, M. 119947
Gharpurey, R., Meyer, R.G. Modeling and analysis of substrate coupling in integrated circuits 63883
Gharsallah, A., Samet, A., Popov, G., Bouallegue, A. Optimisation of the passband and gain of multilayer printed antennas 65992
Ghassemlooy, Z., Wickramasinghe, V.R., Chao, L. Optical fibre transmission of a broadband subcarrier multiplexed signal using PTM techniques 68480
Ghassemlooy, Z. *see* Lu Chao 119173
Ghassemzadeh, M., Trzynadlowski, A.M., Legowski, S.F. Detection of speed oscillation in induction motor drives using the instantaneous stator power 71749
Ghassemzadeh, S. *see* Parsa, K. 88159
Ghatage, A.K. *see* Bhise, B.V. 83866
Ghavami, M., Nader-Esfahani, S., Rupprecht, W. A step-by-step modeling technique using a generalized adaptive IIR delay filter 83238
Ghavamnia, M.H. *see* Xue Dong Yang 77454
Ghazali, A. *see* Chtourou, R. 62865
Ghazali, A. *see* Zainal, Z. 94438
Ghazanfarian, A.A., Nakhai, M.R., Tabiani, M. Real-time implementation of the formant vocoder 98949
Ghazel, A., de Fornel, B., Hapiot, J.C. Robustness of a minimal structure vector control of induction motor 102695
Ghazi, R., Toliyat, H.A., Raffiei, S.M.R. A fuzzy-genetic pulsewidth modulation for active power filters 91658
Ghazi-Moghadam, V., Kaveh, M. Interference cancellation using antenna arrays 85905
Ghazi-Moghadam, V. *see* Hosur, S. 86013
Gheber, L.A., Hershfinkel, M., Gorodetsky, G., Volterra, V. Scanning tunneling spectroscopy studies of the Au-H-terminated Si interface 83981
Ghee Teh Beng *see* Beng Ghee Teh
Gheen, G. *see* Barrett, E. 77174
Gheeraert, E. *see* Fontaine, F. 83806
Ghelli, G. *see* Francescon, P. 80296
Ghelmansarai, F.A. A digital transducer and digital microphone using an optical technique 119596
Ghenaim, A., Koncar, V., Benamar, S., Chouar, A. Real time robot tracking system with two independent lasers 110374
Gheorghe, C. *see* Dumitru, M.A. 75402
Gheorghe, V. *see* Antohe, S. 112331
Gheorghiu, A. *see* Adriaenssens, G.J. 94414
Gheorghiu, D., Taranu, G., Canja, N. The rehabilitation concept regarding units 4 and 5 Turceni T.P.P [thermal power plant retrofit] 102449
Gheorghiu, D. *see* Vaida, V. 81314
Gheorma, I. *see* Hantila, F. 104256
Gheorma, I. *see* Ioan, D. 96906
Gherm, V., Semykina, E., Roze, K. Temperature dependence of the high-field electron transport characteristics in n-GaAs emitters 73932
Ghetti, A. *see* Fischer, B. 94976
Gheudin, M. *see* Beaudin, G. 79100
Gheyas, S.I., Hirano, S., Nishio, M., Ogawa, H. Growth of high-quality ZnTe layers by MOVPE 104032
Gheyas, S.I., Hirano, S., Nishio, M., Ogawa, H. Aluminum doping of ZnTe grown by MOVPE 105581
Ghezali, S. *see* Salomon, C. 89521
Ghezzo, M. *see* Gardner, J. 74523
Ghezzo, M. *see* Ramungul, N. 105887
Ghezzo, M. *see* Ramungul, N. 105921
Ghezzo, M. *see* Rao, M.V. 105589
Ghia, K. *see* Muralirajan, K.S. 72623
Ghia, S. *see* Gori, M. 101622
Ghia, S. *see* Gori, M. 101625
Ghia, U. *see* Muralirajan, K.S. 72623
Ghibaudo, G., Balestra, F. Characterization and modeling of silicon CMOS transistor operation at low temperature 94974
Ghibaudo, G. *see* Bauza, D. 84449
Ghibaudo, G. *see* Jomaah, J. 84452
Ghibaudo, G. *see* Kies, R. 63132
Ghibaudo, G. *see* Kies, R. 74486
Ghibaudo, G. *see* Kies, R. 115298
Ghibaudo, G. *see* Morfouli, P. 63668
Ghibaudo, G. *see* Morfouli, P. 94960
Ghibaudo, G. *see* Morfouli, P. 94968
Ghibaudo, G. *see* Mounib, A. 63594
Ghibaudo, G. *see* Mounib, A. 105898
Ghibaudo, G. *see* Szelag, B. 94982
Ghibaudo, G. *see* Vincent, E. 63290
Ghibaudo, G. *see* Vincent, E. 64033
Ghibaudo, G. *see* Vincent, E. 74585
Ghibaudo, G. *see* Vincent, E. 115406
Ghibaudo, G. *see* Vogel, E.M. 63658
Ghibaudo, G. *see* Zimmermann, J. 63699
Ghibaudo, G. *see* Zimmermann, J. 63921
Ghidini, B. *see* Simone, S. 69783
Ghidini, G., Clementi, C. A new method to statistically monitor active area spread and oxide thinning in real devices 63875
Ghidini, G., Drera, D., Maugain, F. F contamination effects on intrinsic and extrinsic gate oxide reliability 63179
Ghidini, G. *see* Paccagnella, A. 95203
Ghiglia, D.C., Romero, L.A. Minimum L^p-norm two-dimensional phase unwrapping 117628
Ghigo, A. *see* Boni, R. 89750
Ghinamo, G. *see* Scarano, D. 96137
Ghindilis, A.L., Morzunova, T.G., Barmin, A.V., Kurochkin, I.N. Potentiometric biosensors for cholinesterase inhibitor analysis based on mediatorless bioelectrocatalysis 110225
Ghinea, M. Aperiodic and periodic discrete versions of the Wigner-Ville transformation 69020
Ghinello, I. *see* Cavallini, A. 121831
Ghio, G., Damiano, J.-P. Original analysis of conformal multilayer microstrip antennas using a symbolic algebra system 66102
Ghio, G. *see* Damiano, J.-P. 65989
Ghione, G. *see* Bonani, F. 93926
Ghionet, G. *see* Pirola, M. 114265
Ghioni, M., Zappa, F., Kesan, V.P., Warnock, J. A VLSI-compatible high-speed silicon photodetector for optical data link applications 78836
Ghioni, M. *see* Cova, S. 69116
Ghiorso, W. *see* Celata, C.M. 90010

Ghiraldo, F. *see* Bames, J. 74367
Ghislotti, G. *see* Li, Z. 90125
Ghislotti, G. *see* Li, Z. 100896
Ghislotti, G. *see* Mutti, P. 94262
Ghisoni, M., Sjolund, O., Larsson, A., Wang, S.M. Comparison of partially relaxed InGaAs/GaAs based high performance phototransistors 106977
Ghisoni, M. *see* Lin, H.T. 75721
Ghisoni, M. *see* Lin, H.T. 106970
Ghita, C. Industrial use and economic efficiency of thermoinductive boilers 71917
Ghita, C. *see* Burtea, V. 91527
Ghita, T. Cables for data transmissions in informatic networks 78328
Ghita, Th., Padencov, D., Sandu, L. Some features of the electric field with direct bearings in the design of the high voltage energy cables 81077
Ghita, Th. *see* Sandu, L. 78329
Ghitany, M.E. *see* Khalil, Z. 66586
Ghizzo, A., Bertrand, P., Begue, M.L., Johnston, T.W., Shoucri, M. A Hilbert-Vlasov code for the study of high-frequency plasma beatwave accelerator 79842
Ghnassia, M.D. *see* Nussbaum, G.H. 69995
Gho Jae-Seok *see* Jae-Seok Gho
Ghodki, B.K. *see* Kothari, M.L. 111463
Ghogho, M. *see* Tourneret, J.-Y. 117470
Ghoneimy, A.E., Dougall, R.S. Experimental investigation of coupled natural circulation loops 81255
Ghoniemy, S., Bahgat, S.F., El Mahalawy, M.H., Zouelfoukkar, A.M. A microcomputer-based automatic testing system for digital circuits using signature analysis 113925
Ghoranneviss, M., Masnavi, M., Khademian, A., Khorshid, P., Mehr, M.Z., Mirzaei, J. Study of preparing diamond films in presence of magnetic field by the DC plasma 113433
Ghorashi, A.H., Murthy, S.S., Singh, B.P. Field studies and transient analysis related to wind electric systems 111864
Ghorayeb, S.R. *see* Yamano, M. 113594
Ghorbel, F. *see* Zribi, M. 117291
Ghorpade, S.R. Young bitableaux, lattice paths and Hilbert functions 92375
Ghosal, S. Cognitive issues in interface design and product development 103388
Ghosal, S., McKee, D.C. Target detection in foveal ATR systems 86444
Ghosal, S. *see* Bandera, C. 87009
Ghosal, S. *see* Vanek, P. 86710
Ghosal, S. *see* Yue Zhang 84941
Ghose, A., Vasant, J. Mobile and portable communication using INSAT satellite 99418
Ghose, A. *see* Kumar, S. 109601
Ghose, A.K., Deb, G.K. EMC design verification of PCB 73854
Ghose, A.K., Deb, G.K. Notebook computer and low EMI approach 76443
Ghose, A.K., Mandal, S.K., Deb, G.K. PCB design with low EMI 73855
Ghose, R.N. Adaptive direction finding antenna system 68752
Ghose, S. *see* Mandal, C.A. 93080
Ghose, S.K. *see* Satyam, P.V. 105459
Ghosh, A. *see* Fisher, M.E. 112450
Ghosh, A. *see* Greene, A. 90033
Ghosh, A. *see* Morgillo, A. 100448
Ghosh, A. *see* Thompson, P. 100412
Ghosh, A. *see* Wanderer, P. 89783
Ghosh, A.K., Bandyopadhyay, S.K., Barat, P., Sen, P., Basu, A.N. Fluctuation-induced conductivity of polycrystalline $Y_{1-x}Ca_xBa_2Cu_3O_{7-\delta}$ superconductors 106661
Ghosh, A.K., Biswalb, K.C. Free-vibration analysis of stiffened laminated plates using higher-order shear deformation theory 72726
Ghosh, A.K., Lubkeman, D.L., Jones, R.H. Load modeling for distribution circuit state estimation 121128
Ghosh, A.K. *see* De, S.S. 83898
Ghosh, A.K. *see* Sarkar, A.K. 79143
Ghosh, B., Chakraborty, D.P., Carter, M.J. A novel back-contacting technology for $CuInSe_2$ thin films [solar cells] 112405
Ghosh, B., Miles, R.W., Carter, M.J. Contacting technology for thin film CdTe photovoltaic modules 71699
Ghosh, B. *see* Chakrabarti, P. 94614
Ghosh, B. *see* Duke, S. 81887
Ghosh, B. *see* Miles, R.W. 94587
Ghosh, B. *see* Subramanian, R. 109538
Ghosh, B.C., Bhadra, S.N. Microprocessor-based vector control of a CSI-fed induction motor drive 103055
Ghosh, B.K., Jankovic, M., Loucks, E.P. On the problem of observing motion and shape 97982
Ghosh, B.K. *see* Zhou, J. 108685
Ghosh, C.K. *see* Dey, S.T.K. 76450
Ghosh, G., Endo, M., Tanaka, Y. Passively mode-locked tunable erbium fiber ring laser operating in the 1.55 μm band 75857
Ghosh, G. *see* Endo, M. 96138
Ghosh, J. *see* Kuyel, T. 77442
Ghosh, J. *see* Stiles, B.W. 108352
Ghosh, J. *see* Tumer, K. 67394
Ghosh, K. *see* Walsh, M. 71118
Ghosh, K.K., Rakshit, A., Bhattacharya, S.N. JUINET–a novel low cost universal networking technique 67757
Ghosh, M. Digital video broadcasting: cable specification 99769
Ghosh, M. *see* Bryan, D.A. 99771
Ghosh, M.K. *see* Pal, J. 60824
Ghosh, P. *see* Kar, A. 86817
Ghosh, P.K. The indecomposability problem in binary morphology: an algorithmic approach 67075
Ghosh, P.K., Chattopadhyay, D., Sarkar, S.K. High-frequency response of GaAs and $In_{0.53}Ga_{0.47}As$ quantum structures 105437
Ghosh, P.K., Sarkar, S.K., Chattopadhyay, D. Calculations of microwave and millimeterwave response characteristics of the two-dimensional hot electron gas in $In_{0.53}Ga_{0.47}As$ quantum wells 105396
Ghosh, P.S., Chatterjee, N. Arc propagation over electrolytic surfaces under power frequency voltage 115402
Ghosh, R.N. *see* Shmulovich, J. 85437
Ghosh, S., Chowdhury, B.H. Design of an artificial neural network for fast line flow contingency ranking 80810
Ghosh, S., Gupta, A., Herman, T., Pemmaraju, S.V. Fault-containing self-stabilizing algorithms 98470
Ghosh, S., Jain, P.K., Basu, B.N. Modified field analysis of inhomogeneously loaded helical slow-wave structures for TWTs 83765
Ghosh, S., Jain, P.K., Basu, B.N. Analytical exploration of new tapered-geometry dielectric-supported helix slow-wave structures for broadband TWTs 114540
Ghosh, S., Weber, J., Presting, H. Recombination processes in doped Si_9Ge_6 superlattices 62912
Ghosh, S. *see* Bhattacharyya, A. 80123
Ghosh, S. *see* Karnett, M. 106208
Ghosh, S. *see* Mahadeven, K. 66177
Ghosh, S. *see* Sarkar, A. 69607
Ghosh, S. *see* Soni, A. 112628
Ghosh, S.K. *see* Szpytko, J. 112998
Ghosh, T.K. *see* Aggarwal, M.M. 69839
Ghoshal, J., Laskar, R., Pillone, D. Minimal rankings 92456
Ghoshroy, S. *see* Kovacs, M. 109805
Ghoshtagore, R.N. *see* Cresswell, M.W. 115087
Ghosn, J. *see* Cox, I.J. 86384
Ghotra, P. *see* Giakos, G.C. 80358
Ghots, S.S. *see* Amirkhanov, R.N. 74046
Ghots, S.S. *see* Amirkhanov, R.N. 83753
Ghourab, M.E. Evaluation of earth resistivity for grounding systems in non-uniform soil structure 81145
Ghourab, M.E. Evaluation of earth resistivity for grounding systems in non-uniform soil structure 81148
Ghourab, M.E. Application of artificial neural networks for insulation diagnosis 95288
Ghourab, M.E., Anis, H.I. Probabilistic failure of transmission line insulation under lightning 102151
Ghouz, H.H.M., El-Sharawy, E.-B. Finite-difference time-domain analysis of flip-chip interconnects with staggered bumps 73781
Ghouz, H.H.M., El-Sharawy, E.-B. An accurate equivalent circuit model of flip chip interconnects 92203
Ghrist, J.T., Eassa, N.G., Megahed, I.Y. Harmonic distortion levels in Egypt analyzed 121104
Ghrist, R.W., Holmes, P.J. An ODE whose solutions contain all knots and links 104292
Gi Choi Chaun *see* Chaun Gi Choi
Gi Ho Yun, Duk Soo Kim, Yong Sung Jang, Han Kyu Park Edge-based finite elements analysis of waveguide discontinuity problems 76532
Gi Ho Yun *see* Jae Ho Yoo 73658
Gi Hong Chang *see* Chang Gi Hong
Gi Hun Lee, Rae-Hong Park, Jae Hyuk Park, Byung-Uk Lee Shell partition-based constant modulus algorithm 66257
Gi Ko Chang *see* Chang Gi Ko
Gi Kwak Min *see* Min Gi Kwak
Gi Lee Byeong *see* Byeong Gi Lee
Gi Xue *see* Shi Jin 92966
Gi Yang Yoon *see* Yoon Gi Yang
Gi-Ho Yun *see* Seon-Taek Kim 108111
Gi-Hong Im Performance of a local distribution system for interactive multimedia TV 79168
Gi-Hong Im *see* Shanbhag, N.R. 73561
Gi-Seok Kim *see* Kun-Woen Song 67378
Gi-Won Lee *see* Tae-Woo Lee 91291
Giacalone, G., Busch, R., Creed, F., Davidovich, A., Divakaruni, S., Drake, C., Ematrudo, C., Fifield, J., Hodges, M., Howell, W., Jenkins, P., Kozyrczak, M., Miller, C., Obremski, T., Reed, C., Rohrbaugh, G., Vincent, M., von Reyn, T., Zimmerman, J. A 1 MB, 100 MHz integrated L2 cache memory with 128b interface and ECC protection 73368
Giachetti, A., Torre, V. Refinement of optical flow estimation and detection of motion edges 67286
Giachino, J.M., Miree, T.J. The challenge of automotive sensors 81984
Giacinto, G. *see* Costamagna, E. 87512
Giacobbe, F.W., Pizzo, M.G., Herring, D.A. PCB defect behaviour associated with the use of three no-clean fluxes and varying wave soldering process atmospheres 62477
Giacobino, E., Fabre, C. Quantum noise reduction in parametric oscillators and lasers 76199
Giacobino, E. *see* Marin, F. 96321
Giacobone, L. *see* Abbes, M. 90145
Giacomazzi, P., Melen, R. New interconnection patterns for multihop MANs 78044
Giacomazzi, P., Pattavina, A. A multiservice switch architecture for broadband packet networks 78308
Giacomazzi, P. *see* Beraldi, R. 87288
Giacomazzi, P. *see* Daigle, J.N. 99184
Giacomazzo, C., Hadden, J.K. Shoreham decommissioning technology: simple and effective [nuclear power] 71040
Giacometti, E. *see* Giorgi, L. 81742
Giacomoni, L. *see* Cowache, C. 84815
Giacomozzi, C. *see* Macellari, V. 101063
Giacomozzi, F., Pedrotti, S., Moscon, F. TiN diffusion barrier and Ti cap for double metal IC interconnects 63484
Giaconi, M. *see* Aureli, G. 78242
Giacuzzo, F., Miertusova, J. Total pressure measurements in the Elettra storage ring according to the performance of the sputter-ion pumps 100428
Giaddui, T., Earwaker, L.G., Forcey, K.S., Aylett, B.J., Harding, I.S. A study on the metallisation and stabilisation of porous silicon 92971
Giaddui, T. *see* Aylett, B.J. 94844
Giadrossi, G., Menis, R., Quaia, S., Tosato, F. Analysis and simulation of a converter's firing technique designed to overcome supply voltage sags 103090
Giahn-Horng Lee, R., Jiunn-Pey Wu, Chung, S.S. An efficient method for characterizing time-evolutional interface state and its correlation with the device degradation in LDD n-MOSFETs 63737
Giakos, G.C., Devidas, S., Pillai, B., DiBianca, F.A., Chowdhury, S., Ghotra, P., Nagarajan, S., Jordan, L.M., Endorf, R.J. Enhanced X-ray detectors using polar dopants for KCD digital radiography 80358
Gialanella, L., Strieder, F., Brand, K., Campajola, L., D'Onofrio, A., Greife, U., Huttel, E., Petrazzuolo, F., Roca, V., Rolfs, C., Romano, M., Romoli, M., Schmidt, S., Schulte, W.H., Terrasi, F., Trautvetter, H.P., Zahnow, D. A recoil separator for the measurement of radiative capture reactions 100639
Giallombardo, F. *see* Maroli, C. 79830
Giallonardo, N. Steve Jackson Games v. United States Secret Service: the Government's unauthorized seizure of private e-mail warrants more than the Fifth Circuit's slap on the wrist 72150
Giallorenzi, T.R., Wilson, S.G. Multiuser ML sequence estimator for convolutionally coded asynchronous DS-CDMA systems 99121
Giallorenzi, T.R., Wilson, S.G. Suboptimum multiuser receivers for convolutionally coded asynchronous DS-CDMA systems 109356
Giam, C.L. *see* Qin, S. 92993
Giam Kim Toh, Ui Wei Teok, Alimin Lie, Sun, G., Wang Ming, Kok, K. Reducing manufacturing cycle time of wafer fab with simulation 92168
Giam Siang Tian *see* Tan, W. 73367
Giambattista, J.Di *see* Di Giambattista, J.
Giambene, G. *see* Del Re, E. 78570
Giambene, G. *see* Mohorcic, M. 119126
Giamboni, S. *see* Gori, M. 101622
Giamboni, S. *see* Gori, M. 101625
Giancristofaro, D. Correlation model for shadow fading in mobile radio channels 68171
Giancristofaro, D., Zhang, L.S., Sheriff, R.E. Active user management for the combined satellite and terrestrial cellular components of the UMTS 88183
Giancristofaro, D. *see* Ruggieri, M. 99211
Giandonato, G. TINA at the age of three 108904
Gianelli, M. *see* Cantello, R. 80397
Giani, A. *see* Podlecki, J. 79433
Giani, G. *see* Finner, H. 92414
Giani, M. *see* Rousseau, E. 99141
Gianini, G. *see* Arena, V. 90171
Giannacopoulos, D. *see* McFee, S. 61122
Giannakis, G.B. Blind equalization of time-varying channels: a deterministic multichannel approach 119072
Giannakis, G.B., Serpedin, E. Blind equalizers of multichannel linear-quadratic FIR Volterra channels 117930
Giannakis, G.B. *see* Guotong Zhou 66667
Giannakis, G.B. *see* Guotong Zhou 66694
Giannakis, G.B. *see* Hall, T.E. 77261
Giannakis, G.B. *see* Tsatsanis, M.K. 68140
Giannakis, G.B. *see* Wei-Ge Chen 108705
Giannakopoulos, G.B. *see* Neris, A.S. 71962
Giannakopoulos, G.B. *see* Pastos, D.A. 70773
Giannessi, L., Mezi, L. Saturation and pulsed FEL dynamics 96509
Giannessi, L. *see* Bulfone, D. 76053
Giannessi, L. *see* Dattoli, G. 65383
Giannessi, L. *see* Georgii, R. 76050
Giannessi, L. *see* Walker, R.P. 96521
Giannetas, V. *see* Persephonis, P. 104990
Giannetas, V. *see* Persephonis, P. 107092
Giannetti, F., Luise, M., Reggiannini, R. Continuous-phase modulations for CDMA radio communications: Modem architecture and performance 88072
Giannetti, F., Luise, M., Reggiannini, R. Performance evaluation of a continuous-phase CDMA modem operating over the 60 GHz mobile radio channel 88135
Giannetti, P. *see* Belforte, S. 90230
Giannetti, P. *see* Belforte, S. 100984
Giannini, C. *see* Di Dio, M. 83945

Giannini, C. *see* Fratelli, L. 122029
Giannini, C. *see* Leo, G. 63051
Giannini, F., Leuzzi, G., Limiti, E. Class AB power amplifier advanced design techniques 93827
Giannini, F. *see* Acciari, G. 93818
Giannini, F. *see* Bartelucci, G. 93850
Giannini, F. *see* Bartolucci, G. 114315
Giannini, F. *see* Colantonio, P. 114248
Giannini, F. *see* Leuzzi, G. 73728
Giannini, F. *see* Leuzzi, G. 93845
Giannini, F. *see* Neto, V.P. 93927
Giannini, G. *see* Baldini, A. 62650
Giannini, M. *see* Bocchetta, C.J. 79809
Giannini, M. *see* Bulfone, D. 76053
Giannini, M. *see* Walker, R.P. 96521
Gianniou, M., Groten, E. Improvement of an OTF algorithm by considering the receiver performance 68779
Giannotti, E., Galletti, C. An approach based on simulation and hypermedia technology to a new courseware in mechanics of machines 112787
Giannoules, P. *see* Torres, P. 105094
Giannulli, T. Mobile point of care computing 98707
Gianola, P. Comparison with different configurations of aperture coupled microstrip antennas for dual and circular polarisation 65994
Gianola, P. *see* Ansbro, A.P. 99334
Gianolini, S. *see* Muller, R. 90299
Gianonatti, C. *see* Picazo, M.L. 90628
Gianotti, P. *see* Agnello, M. 110583
Giapis, K.P. *see* Hwang, G.S. 114912
Giaquinto, N., Savino, M., Trotta, A. Testing and optimizing ADC performance: a probabilistic approach 61976
Giaquinto, N., Trotta, A. Fast and accurate ADC testing via an enhanced sine wave fitting algorithm 114040
Giaquinto, N. *see* Cavone, G. 119589
Giard, A. *see* Mocanu, I. 111593
Giard, A. *see* Montmeat, A. 111557
Giardino, D.A., Seiler, J.P. Uncertainties associated with noise dosimeters in mining 120551
Giardino, G. *see* Bonelli, G. 99697
Giardino, R. *see* Cane, V. 90630
Giaretta, G. *see* Leight, J.E. 88486
Giarola, A.J. *see* Albuquerque, M.R.M.L. 114207
Giarola, A.J. *see* Barbosa, W.G. 97302
Giarola, A.J. *see* Costa, J.C.W.A. 95936
Giarola, A.J. *see* Farias, R.G. 95762
Giarolla, M.H. *see* Brodskyn, H.O. 102262
Giauffret, L., Laheurte, J.-M. A CPW-fed active microstrip antenna working in the C-band 76599
Giauffret, L., Laheurte, J.M. Wideband active antenna fed by coplanar line 66095
Giauffret, L., Laheurte, J.M. Microstrip antennas fed by conductor backed coplanar waveguides 76670
Giavarini, A. *see* Baccetti, B. 99134
Gibart, P., Auzel, F., Guillaume, J.-C., Zahraman, K. Below band-gap IR response of substrate-free GaAs solar cells using two-photon up-conversion 112394
Gibart, P. *see* Faurie, J.P. 76015
Gibart, P. *see* Nataf, G. 103852
Gibart, P. *see* Sanchez-Garcia, M.A. 62740
Gibassier, C. *see* Hauden, J. 88537
Gibb, K. *see* Boivin, L.P. 89082
Gibbard, H.F. Nickel metal hydride battery technology 71625
Gibbard, H.F. *see* Broadhead, J. 81692
Gibbard, M.R. *see* Sesay, A.B. 87835
Gibbens, R. Mathematical models for multi-service networks 77578
Gibbins, C.J. On the inference of rain-drop size distributions from measurements of rainfall rate and infra-red attenuation 80620
Gibbins, C.J. Flat-fade effects and millimetre-wave considerations in COST 235 97141
Gibbins, C.J. *see* Vasseur, H. 116898
Gibbon, J.F., Little, T.D.C. The use of network delay estimation for multimedia data retrieval 109211
Gibbon, J.F., Little, T.D.C. Multimedia data delivery using network delay modeling 109248
Gibbon, M.A. *see* Martin, R.W. 61207
Gibbon, S.H. *see* DiGiovine, A.S. 81269
Gibbons, B.J. *see* Madhavan, S. 72851
Gibbons, C. *see* Shehadeh, F. 75849
Gibbons, C. *see* Vodhanel, R.S. 88651
Gibbons, C.S. *see* Chadha, S.S. 85269
Gibbons, G. *see* Holler, F. 102489
Gibbons, J.F. *see* Takagi, S. 94993
Gibbons, J.P. *see* Khan, F.M. 110886
Gibbons, P.T., Prescott, J.E. Parallel competitive intelligence processes in organisations 72182
Gibbons, W.M., Bell, A., Shannon, P.J., Sun, S.T. Materials for the optically controlled alignment of liquid crystal displays 85118
Gibbs, E. *see* Coulson, D. 75466
Gibbs, H.M. *see* Boggavarapu, D. 107410
Gibbs, H.M. *see* Wick, D.V. 96576
Gibbs, M.R.J. *see* Affane, W. 79322
Gibbs, M.R.J. *see* Inoue, M. 115559
Gibbs, P.M. *see* Banerjee, P.P. 85156
Gibbs, R. Rework system selection 83598
Gibbs, R. Single-site soldering [PCB manufacture] 83601
Gibbs, S. *see* Kaul, M. 119409
Gibbs, S.J., Hall, L.D. What roles are there for magnetic resonance imaging in process tomography? 68980
Gibeaut, J.C. *see* Slatton, K.C. 120678
Gibellini, L., Panigas, B. Evolution to TMN for public telephone switching networks 108975
Gibert, D. *see* Courboulex, F. 90750
Gibert, D. *see* Moreau, F. 70431
Gibin, D. *see* Autiero, D. 69815
Gibin, D. *see* Autiero, D. 80006
Gibin, I.S. *see* Vyukhina, N.N. 75410
Gibis, R. *see* Kuenzel, H. 103954
Gibis, R. *see* Schelhase, S. 103939
Gibki, J. *see* Bakowski, A. 63559
Giblin, P.J. *see* Astrom, K. 67281
Giblin, P.J. *see* Fletcher, G.J. 67229
Giblin, P.J. *see* Wright, M. 108417
Giboney, K.S. *see* Hahn, K.H. 119222
Gibong Jeong, Ayanoglu, E. Comparison of wavelength-interchanging and wavelength-selective cross-connects in multiwavelength all-optical networks 88515
Gibong Jeong, Goodman, J.W. Long-distance parallel data link using WDM transmission with bit-skew compensation 68463
Gibson, A.A.P. *see* Dillon, B.M. 65963
Gibson, A.A.P. *see* Dillon, B.M. 114231
Gibson, A.A.P. *see* Sheikh, S.I. 93729
Gibson, C. *see* Deis, G. 106719
Gibson, D. Statistical reliability prediction 60729
Gibson, D., Gaydecki, P.A. The application of local grey level histograms to organelle classification in histological images 90405
Gibson, E.F. *see* Smith, G.R. 120229
Gibson, F. *see* Gibson, G.N. 96177
Gibson, G.A. *see* Maram, S.R. 61948
Gibson, G.N., Klank, R., Bouma, B.E. Electro-optically cavity-dumped ultrashort-pulse Ti:sapphire oscillator 116447
Gibson, G.N., Klank, R., Gibson, F., Bouma, B.E. Electro-optically cavity-dumped ultrashort-pulse Ti:sapphire oscillator 96177
Gibson, G.W., Jr., Hemker, D.J. Integrated stack etching using a helicon plasma source 114918
Gibson, J.D. *see* McClellan, S. 66566
Gibson, J.D. *see* McClellan, S. 97656
Gibson, J.D. *see* Ta-Hsin Li 66590
Gibson, J.D. *see* Ta-Hsin Li 66732
Gibson, J.M. *see* Tong, X. 63302
Gibson, J.W. *see* Hodgetts, R.M. 112817
Gibson, K. The security of the Gabidulin public key cryptosystem 76828
Gibson, M.A. *see* Knight, T.J. 61419
Gibson, P. *see* Birch, K. 78804
Gibson, R. *see* Murley, D. 92897
Gibson, R.A.G. *see* Gao, W. 95093
Gibson, R.C. *see* Kapranos, P. 82768
Gibson, T.D., Pierce, B.L.J., Hulbert, J.N., Gillespie, S. Improvements in the stability characteristics of biosensors using protein-polyelectrolyte complexes 119745
Gick, B., Gallenkamp, T., Wess, T. Introducing digital simulation into an analogue real-time power system simulator 70851
Gicquel, A., Hassouni, K., Breton, Y., Chenevier, M., Cubertafon, J.C. Gas temperature measurements by laser spectroscopic techniques and by optical emission spectroscopy [diamond PECVD] 72928
Gicquel, A. *see* Foulon, F. 85252
Gicquel, A. *see* Jany, C. 82739
Gicquel, A. *see* Silva, F. 72923
Giczi, W. *see* Donhoffer, D. 82285
Giedd, J.N. *see* Rajapakse, J.C. 69935
Giedl, R. *see* Dyer, P.E. 95640
Giegerich, R. *see* De La Vega, F.M. 98708
Giehl, J. *see* Zhu, Q. 100104
Giehler, E. *see* Vancauwenberghe, O. 88992
Giehler, M. *see* Stasch, R. 62706
Giehler, M. *see* Stasch, R. 114645
Giehmann, L. *see* Fischer, U.H.P. 88495
Giehmann, L. *see* Gladisch, A. 88456
Gielen, G. *see* Donnay, S. 62061
Gielen, G. *see* Lampaert, K. 104260
Gielen, G.G.E. *see* Carley, L.R. 82855
Gieles, P.M.C. Image-guided surgery: digital imaging as a support to patient treatment 80290
Gielisse, P.J. *see* Niculescu, H. 79656
Gielkens, S.W.A., Peters, P.J.M., Witteman, W.J., Borovikov, P.V., Stepanov, A.V., Tskhai, V.N., Zavjalov, M.A., Gushenets, V.I., Koval, N.N. A long-pulse 300 keV electron gun with a plasma cathode for high-pressure gas lasers 85381
Gientkowski, Z. *see* Greczko, E. 112062
Gieras, J.F. Light rail systems with linear induction motors 71838
Gieras, J.F. Linear induction motors in factory automation 102750
Gieras, J.F. Linear motor-driven trains 112502
Gieras, J.F., Szelag, A. Characteristics of modern high-speed trains 112501
Gieras, J.F., Wing, M. Computation of repulsive forces of DC electromagnets 65724
Gieras, J.F., Wing, M. Universal brushless permanent magnet motor drive 103084
Gieras, J.F., Wing, M. Analysis of an universal permanent magnet brushless motor drive 112453
Gieras, J.F. *see* Wing, M. 81426
Gierend, C. Combustion control by fuzzy control [thermal power plants] 111766
Gieres, G. *see* Parhofer, S.M. 115622
Gieres, G. *see* van den Berg, H.A.M. 115874
Giergiel, J., Kirschner, J. In situ Kerr microscopy for ultrahigh vacuum applications 100282
Gierkink, S.L.J. *see* Holzmann, P.J. 104377
Gierlich, H.W. The auditory perceived quality of hands-free telephones: auditory judgements, instrumental measurements and their relationship 67972
Gierlinger, A., Ofner, E. Horst 16: A DSP core for ASICS 98939
Gierull, C.H. Performance analysis of fast projections of the Hung-Turner type for adaptive beamforming 86180
Giesbers, J.B. *see* Cillessen, J.F.M. 92864
Giesbers, J.B. *see* Gijs, M.A.M. 95353
Giesbers, J.B. *see* Prins, M.W.J. 75056
Giesbers, J.B. *see* Wolf, R.M. 95302
Giesbrecht, J. *see* Kuffel, R. 80756
Giesbrecht, J. *see* Kuffel, R. 80795
Giesbrecht, J. *see* Kuffel, R. 101704
Giesbrecht, W.J. *see* Iravani, M.R. 91033
Giesch, M. Twin aperture quadrupoles for the LHC cleaning insertions 90048
Gieschen, N. *see* Olsen, B.T. 98910
Gieschen, N. *see* Rocks, M. 78754
Gieschen, N. *see* Spoleder, F. 98921
Giese, H. *see* Engelko, V. 69671
Giese, K. Electrical dimensioning of pressure-cast shaped component insulators 70956
Giese, P., Sommer, B. On the record: Siemens DataVoice system provides tamper-proof recordings of commercial telephone transactions 87634
Giesen, A. *see* Berger, L. 96245
Giesen, A. *see* Honninger, C. 116461
Giesen, A. *see* Kennedy, M. 107094
Giesen, A. *see* Plass, W. 107458
Giesen, A. *see* Ristau, D. 107433
Giesen, A. *see* Schubert, M. 96257
Giesen, B. Technical concept of the dynamic ergodic divertor for TEXTOR 94 112061
Gieser, H. *see* Egger, P. 115268
Gieser, H. *see* Musshoff, C. 115222
Gieser, H. *see* Wolf, H. 115147
Giess, J. *see* Jones, I.P. 74236
Giessen, H., Fluegel, B., Mohs, G., Hu, Y.Z., Peyghambarian, N., Woggon, U., Klingshirn, C., Thomas, P., Koch, S.W. Dephasing in the gain region of II-VI semiconductor nanocrystals 65495
Giessen, H., Woggon, U., Fluegel, B., Mohs, G., Hu, Y.Z., Koch, S.W., Peyghambarian, N. Quantum dots in the strong confinement regime: a model system for gain in quasi zero-dimensional semiconductors 94524
Giessen, H., Woggon, U., Fluegel, B., Mohs, G., Hu, Y.Z., Koch, S.W., Peyghambarian, N. Femtosecond optical gain in strongly confined quantum dots 96294
Giessen, H. *see* Eliseev, P.G. 64973
Giessen, H. *see* Mohs, G. 76270
Giessen, H. *see* Mohs, G. 94525
Giessen, P.-H.van der *see* van der Giessen, P.-H.
Giessler, A. *see* Baumgarten, B. *(editor)* 103307
Gifford, A.D., Walker, B., Jones, T.C.E., Benson, J.M. A novel technique for the measurement of optical fibre cut-off wavelength 64686
Gifford, G. *see* Clevenger, L.A. 74635
Gifford, H. *see* Wilson, D.W. 80303
Gifford, P.R., Fetcenko, M.A., Venkatesan, S., Corrigan, D.A., Holland, A., Dhar, S.K., Ovshinsky, S.R. Advances in Ovonic nickel metal hydride batteries for electric and hybrid vehicles 71668
Gifford, P.R. *see* Venkatesan, S. 112584
Gifford, S.J. *see* McKeown, D.M. 70551
Gifford, W. Prototype design mechanical fabrication 62467
Giganti, M. *see* Del Guerra, A. 90352
Giganti, M. *see* Del Guerra, A. 101112
Giger, M.L. *see* Wei Zhang 80212
Giglietto, N. *see* Barbiellini, G. 69722
Giglio, L. *see* Kummerow, C. 90769
Giglio, L. *see* Kummerow, C. 111230
Giglioli, R. *see* Barcaglioni, M. 103108
Giglmayr, J. Massively parallel Kautz and de Bruijn topologies for the free-space optical interconnection of data arrays 95893
Giglmayr, J., Reinicke, R. Number of wavelengths and switching capacity of OFDM/WDM networks 118004
Gignac, B. *see* Craig, R. 76012
Gignac, L.M., Cunningham, B., Palmer, L.F., Miller, J.A. Transmission electron microscopy sample preparation and analysis of semiconductor devices 95109
Gigon, F. *see* Twomey, A. 61872
Gigot, J.-F. *see* Gerstenmayer, J.-L. 80139
Giho Joo A new hybrid random/token access protocol for high speed LANs 118447
Gihosal, S. *see* McKee, D.C. 117631
Gihyun Jung *see* Jaehong Shim 60531
Gijs, M.A.M., Giesbers, J.B., van Est, J.W., Briaire, J., Vandamme, L.K.J., Belien, P. 1/f noise in magnetic $Ni_{80}Fe_{20}$ single layers and $Ni_{80}Fe_{20}/Cu$ multilayers 95353
Gijs, M.A.M. *see* Jorritsma, J. 114988
Gijsbertsen, J.G., Flokstra, J. Quasiparticle injection-detection experiments in niobium 115934
Gijsen, F.J.H., Palmen, D.E.M., van der Beek, M.H.E., van de Vosse, F.N., van Dongen, M.E.H., Janssen, J.D. Analysis of the axial flow field in

stenosed carotid artery bifurcation models–LDA experiments 120337
Gil, A. *see* Levin, M. 98914
Gil, B., Hamdani, F., Morkoc, H. Oscillator strengths for optical band-to-band processes in GaN epilayers 114650
Gil, B. *see* Briot, O. 104072
Gil, B. *see* Cloitre, T. 72772
Gil, B. *see* Cloitre, T. 72773
Gil, J. *see* Wu, H.-S. 77072
Gil, N., Konovalov, G., Mayorov, A., Prokhorenko, P. The ultrasonic testing of welding in plastics 113016
Gil, S., Milanese, R., Pun, T. Combining multiple motion estimates for vehicle tracking 67294
Gil B., R.V. Application of the generalized Thevenin theorem for solving asymmetrical series faults 102042
Gil Martins, C. *see* Lobo Pereira, F. 90833
Gil Sariva, J.A. *see* Estanqueiro, A.I. 102559
Gil Shin Yeong *see* Yeong Gil Shin
Gil Yong Chung, Sung Chan Park, Byung Tae Ahn Photovoltaic properties of CdTe solar cells fabricated by close-spaced sublimation of a screen-printed CdTe source 91754
Gil-Cho Ahn *see* Hee-Cheol Choi 93530
Gil-Lafon, E. *see* Parillaud, O. 61218
Gila, B.P. *see* Jeon, M.H. 113290
Gilanyi, A. *see* Kitsuta, K. 113586
Gilardi, M.C. *see* Riddell, C. 101131
Gilardi, M.C. *see* Riddell, C. 101289
Gilbert, A. Change and the communications manager 67798
Gilbert, A.L. Wireless infrastructure in Vietnam: evaluating an emergent leapfrog strategy 88107
Gilbert, B. Translinear circuits: an historical overview 61587
Gilbert, B.K. *see* Guang-Wen Pan 95163
Gilbert, B.K. *see* Hall, S.H. 116522
Gilbert, B.K. *see* Jilin Tan 97207
Gilbert, B.K. *see* Schaefer, T.M. 62513
Gilbert, B.S., III *see* Andrade, R.A. 117755
Gilbert, D., Aparicio, M., Atkinson, B., Brady, S., Ciccarino, J., Grosof, B., O'Connor, P., Osisek, D., Pritko, S., Spagna, R., Wilson, L. The role of intelligent agents in the information infrastructure 87820
Gilbert, D. *see* Shankar, A. 93042
Gilbert, D.B. *see* Garbuzov, D.Z. 96243
Gilbert, D.B. *see* Schwartzenberg, J.W. 75729
Gilbert, D.M., Morrison, I.F. A statistical method for the detection of power system faults 111689
Gilbert, D.M., Morrison, I.F. Modelling utility connected dispersed generation on an electromagnetic transients program 111859
Gilbert, D.R. *see* Singh, R.K. 113459
Gilbert, D.R. *see* Singh, R.K. 114952
Gilbert, J.A., Huang, Q. Characterization, production and reconstruction of substrate guided wave holointerferograms 65544
Gilbert, J.A. *see* Su, W. 106909
Gilbert, J.M. *see* Beckett, P.M. 82193
Gilbert, J.R., Ananthasuresh, G.K., Senturia, S.D. 3D modeling of contact problems and hysteresis in coupled electro-mechanics 74898
Gilbert, J.T., Birnbaum-More, P.H. Innovation timing advantages: from economic theory to strategic application 72173
Gilbert, K.D. Practical application of total quality management to a military electronics operation 60678
Gilbert, L. Alternate sourcing of custom power supplies. Is it a responsible investment of valuable resources? 71407
Gilbert, M. *see* Larson, L. 73786
Gilbert, M. *see* Wang, H. 115235
Gilbert, M.M. *see* Nguyen-Ngoc, D. 63964
Gilbert, M.M. *see* Nguyen-Ngoc, D. 115373
Gilbert, N. *see* Lucas, L. 67422
Gilbert, R. Design considerations of no clean fluxes used to eliminate VOC emissions 114447
Gilbert, R.K. *see* Zoratti, P. 68640
Gilbey, S.L. *see* Marple-Horvat, D.E. 110664
Gilboa, I., Schmeidler, D. Case-based optimization 92416
Gilboa, I. *see* Chopra, S. 113169
Gilboa, Y. *see* Wasserman, Y. 84070
Gilbreath, G.C., Reintjes, J.F. Photorefractive Fourier image amplification for low-light-level image detection 77384
Gilchrist, P., Gunther, B., Demery, D.A. General packet radio service on GSM for ATT 99316
Gildenberg, P. *see* Woo, S.Y. 110885
Gildenblat, G. *see* Bark, J.O. 105845
Gildenblat, G. *see* Vatannia, S. 63055
Gilder, G. *see* Dyson, E. 112825
Gildersleeve, K. *see* Huff, H.R. 63858
Gildersleeve, N. *see* Ishikawa, T. 114401
Giles, C.L. *see* Lawrence, S. 86385
Giles, C.L. *see* Omlin, C.W. 66288
Giles, C.R. *see* Delavaux, J.-M.P. 68520
Giles, C.R. *see* Fatehi, M.T. 85398
Giles, M.K. *see* Dou, R. 64824
Giles, M.K. *see* Prasad, N.S. 119902
Giles, M.K. *see* Rensheng Dou 75606
Giles, M.K. *see* Rensheng Dou 100352
Giles, N.C. *see* Summers, C.J. 74445
Giles, N.C. *see* Tran, T.K. 74224
Giles, N.C. *see* Zhonghai Yu 84074
Giles, R., Tingye Li Optical amplifiers transform long-distance lightwave telecommunications 78664
Giles, T.C. Data detection for a high frequency radio modem in impulsive noise 78266
Gilfeather, G. *see* Kudva, S.M. 92351
Gilfedder, T.H., Andonovic, I., Shabeer, M. Interferometric noise in dense WDM routed passive optical networks 67944
Gilfillan, L. *see* Yachik, T.R. 77140
Gilg, L. *see* Murphy, C.F. 94148
Gilgen, H. *see* Salathe, R.P. 100064
Gilgenbach, R.M. *see* Hochman, J.M. 69655
Gilgenbach, R.M. *see* Kishek, R. 94169
Gilgenbach, R.M. *see* Kishek, R. 114493
Gilgenbach, R.M. *see* Spencer, T.A. 62633
Gilgenbach, R.M. *see* Spencer, T.A. 105062
Gilgenbach, R.M. *see* Walter, M.T. 62634
Gilgenbach, R.M. *see* Walter, M.T. 105063
Gilhuijs, K.G.A., Drukker, K., Touw, A., Van De Ven, P.J.H., Van Herk, M. Interactive three dimensional inspection of patient setup in radiation therapy using digital portal images and computed tomography data 70217
Gili, D.R. *see* Agnello, M. 110583
Giliberti, V. *see* Dell'Aquila, A. 91650
Giling, L.J. *see* Bongers, M.M.G. 72818
Giling, L.J. *see* Driessen, F.A.J.M. 62810
Giling, L.J. *see* Schermer, J.J. 113303
Gilioli, E., Weyher, J.L., Zanotti, L., Mucchino, C. Growth striations in GaAs as revealed by DSL photoetching 61160
Gilitzky, Y. *see* David, G. 100863
Gilitzky, Yu. *see* David, G. 80077
Giljer, P., Sivertsen, J.M., Judy, J.H., Bhatia, C.S., Doerner, M.F., Suzuki, T. Magnetic recording measurements of high coercivity longitudinal media using magnetic force microscopy (MFM) 64448
Gill, A., Surridge, M., Scielzo, C., Felici, R., Modesti, M., Sardu, G. RAPT: a parallel radiotherapy treatment planning code 90597
Gill, A. *see* Brotherton, S.D. 84605
Gill, A. *see* Cahn, D. 72195
Gill, A.S. *see* Mikols, E.H. 101571
Gill, B.L. *see* Cho, B.I. 115615
Gill, B.L. *see* Ro, M.D. 75234
Gill, D.M., Kane, B.C., Svensson, S.P., Tu, D.-W., Uppal, P.N., Byer, N.E. High-performance, 0.1 μm InAlAs/InGaAs high electron mobility transistors on GaAs 84467
Gill, D.M. *see* Svensson, S.P. 82711
Gill, D.M. *see* Svensson, S.P. 89550
Gill, D.S., Anderson, A.A., Eason, R.W., Warburton, T.J., Shepherd, D.P. Laser operation of an Nd:$Gd_3Ga_5O_{12}$ thin-film optical waveguide fabricated by pulsed laser deposition 85404
Gill, J. A note on bounds for the derivatives of continued fractions 92607
Gill, K. *see* MacEvoy, B.C. 84064
Gill, M. Design of an integrated chipset for digital cellular systems 78492
Gill, M.J. *see* Bazzill, T.M. 110724
Gill, R.E. *see* Garten, F. 75752
Gill, S.S. *see* Ahmad, T. 63597
Gill, T.J., Jr. *see* Bartos, A.L. 113595
Gill, T.L. *see* Mahmood, M.F. 85029
Gill, T.L. *see* Mahmood, M.F. 116626
Gill, W.N. *see* Shareef, I.A. 61381
Gill Bueung-Lyong *see* Bueung-Lyong Gill
Gilland, D.R., Johnson, E.L., Turkington, T.G., Coleman, R.E., Jaszczak, R.J. SPECT imaging of iodine-131 distribution in the head 101128
Gilland, D.R., Johnson, E.L., Turkington, T.G., Coleman, R.E., Jaszczak, R.J. Evaluation of a pinhole collimator for I-131 SPECT head imaging 101282
Gilland, D.R. *see* Jaszczak, R.J. 101285
Gilland, D.R. *see* McCormick, J.W. 101171
Gillard, C.H., Stone, J.J., Hayasaka, T. HDTV compression in the studio 119437
Gillard, J.S. *see* Maul, G.P. 103335
Gillard, P., Wale, K., Bow, A. Re-engineering telecommunications for the way people want to live: Social research in the design of new technologies 77901
Gillard, R., Citerne, J. An electromagnetic optimization of microwave and millimeter-wave planar circuits with the use of the method of moments 93761
Gillard, R. *see* Dauguet, S. 93929
Gillard, V.T., Noble, D.B., Nix, W.D. Dislocation processes and interactions in strained heteroepitaxial thin films 62791
Gillaspy, J.D. *see* Pikin, A.I. 90064
Gille, J., Martin, R., Larimer, J. Spatial resolution, grayscale, and error diffusion trade-offs: impact on display system design 89260
Gille, J., Samadani, R., Martin, R., Larimer, J. A human visual discrimination model analysis of the gray-scale/resolution tradeoff: displays with 150 dpi or less resolution [LCDs] 89396
Gille, J. *see* Arend, L. 89284
Gille, J. *see* Larimer, J. 100197
Gille, P. *see* Neuberta, M. 74136
Gilleo, K. Step-by-step SMT: Adhesives/epoxies and dispensing 82199
Gilleo, K., Cinque, T., Silva, A. Flip chip 1, 2, 3: bump, bond and fill 82271
Gilleo, K. *see* Cinque, T. 92246
Giller, A. *see* Giller, C.A. 80203
Giller, C.A., Ratcliff, B., Berger, B., Giller, A. An impedance index in normal subjects and in subarachnoid hemorrhage 80203
Gilles, E.D. *see* Kroner, A. 113255
Gilles, F. *see* Lecourtier, Y. 86610
Gilles, G., Pierson, J. Looking to the future [warfighting environment] 90906
Gilles, P.S., Guzowski, T.S., Keller, B.L., Kerr, R.H. Test methodologies and design automation for IBM ASICs 113639
Gilleskie, R.J. The growth of Power Quality Services at San Diego Gas and Electric Company 91002
Gillespie, A. Management of ATM port relay systems 77875
Gillespie, C.H. *see* Frank, A.M. 107626
Gillespie, D. *see* Adam, W. 69709
Gillespie, D.J. *see* Horwitz, J.S. 106479
Gillespie, G.H., Hill, B.W. New graphic user interface for the charged particle beam program PARMILA 89947
Gillespie, G.H., McMichael, G.E. Applications of MeV proton and deuteron linear accelerators 79908
Gillespie, G.H. *see* Imel, G.R. 110497
Gillespie, J. *see* Dettmer, R. 93804
Gillespie, J. *see* Jenkins, T. 74704
Gillespie, J.W., Jr. *see* Fink, B.K. 112604
Gillespie, S. *see* Gibson, T.D. 119745
Gillespie, S.C. *see* Martin, G.J. 79304
Gillespie, S.J. *see* Chu, P.Y. 64167
Gillespie, W.A. An FEL beam injection system with adjustable isochronism 85545
Gillespie, W.A. *see* Knippels, G.M.H. 65377
Gillespie, W.A. *see* Wang, Z.Q. 96771
Gillett, W. *see* Hanks, L. 87197
Gillette, J.C., Stadtmiller, T.M., Hardie, R.C. Aliasing reduction in staring infrared imagers utilizing subpixel techniques 86964
Gillham, C. Spot the number plates [intelligent CCTV] 109926
Gilli, M., Maggio, G.M. Predicting chaos through an harmonic balance technique: an application to the time-delayed Chua's circuit 113705
Gilli, M. *see* Biey, M. 113711
Gilli, M. *see* Daniele, V. 65881
Gilli, M. *see* Daniele, V. 97213
Gillibrand, D., Bradbury, S.R., Yazdanpanah, A., Mobayyen, S. A simplified approach to evaluating the thermal behaviour of surface engineered cutting tools 112634
Gillick, J. *see* Hwang, C. 94977
Gillick, J. *see* Hwang, C. 95180
Gillick, L. *see* Bellisario, A.O. 97618
Gillick, M. *see* Karacaoglu, U. 104864
Gillies, D. *see* ChaChi Huang 89479
Gillies, D.A. *see* Gela, G. 102187
Gillies, M.F. *see* Chapman, J.N. 84844
Gilligan, J.G. *see* Bourham, M.A. 116834
Gilligan, J.G. *see* Kincaid, R.F. 65743
Gilligan, J.G. *see* Kincaid, R.W. 107831
Gilliland, J.D. *see* Fenton, C.J. 99378
Gillingham, P. A sense and restore technique for multilevel DRAM 83127
Gillingham, P., Hold, B., Mes, I., O'Connell, C., Schofield, P., Skjaveland, K., Torrance, R., Wojcicki, T., Chow, H. A 768 k embedded DRAM for 1.244 Gb/s ATM switch in a 0.8 μm logic process 73395
Gilliot, P. *see* Chergui, A. 76126
Gilliot, P. *see* Lami, J.-F. 94362
Gilliot, P. *see* Othmani, A. 85673
Gillman, D.W., Mohtashemi, M., Rivest, R.L. On breaking a Huffman code 66384
Gillner, A., Wehner, M. Interconnection by laser induced metal deposition from liquid solutions 112961
Gillner, L., Gustavsson, M. Scalability of optical multiwavelength switching networks: power budget analysis 78739
Gillner, L. *see* Almstrom, E. 78884
Gilloire, A. Recent advances in adaptive filtering algorithms for acoustic echo cancellation 66840
Gilloire, A. *see* Amand, F. 67997
Gilloire, A. *see* Baganne, A. 67888
Gillon, R., Raskin, J.-P., Vanhoenacker, D., Colinge, J.-P. Modelling and optimising the SOI MOSFET in view of MMIC applications 93844
Gillon, R. *see* Raskin, J.P. 115204
Gilloux, M. Handwritten digit recognition using pseudo-2D Markov models 86606
Gilloux, M. *see* Lethelier, E. 86605
Gillum, W.O. *see* Wong, C.P. 83645
Gilman, S. *see* Deryn Chu 112319
Gilman, S. *see* Jacobs, R. 80703
Gilmer, D.C. *see* Yan, J. 82741
Gilmer, G.H., Roland, C., Stock, D., Jaraiz, M., Diaz de la Rubia, T. Simulations of thin film deposition from atomic and cluster beams 72843
Gilmer, G.H. *see* Kimura, K. 82587
Gilmore, I. *see* Jones, R. 102584
Gilmore, J. *see* McDermott, T. 107819
Gilmore, J.F. State-of-the-art CME measurement 69579
Gilmore, P. *see* Pernambuco-Wise, P. 96971
Gilmore, P. *see* Prestemon, S. 96988
Gilmore, R. *see* Seng-Woon Chen 88282
Gilmore, R.S. Industrial ultrasonic imaging and microscopy 73001
Gilmour, A. *see* Xiaojiang Yu 121279

Giloteaux, D. *see* Billan, J. 100647
Gilpatrick, J.D. Phase and synchronous detector theory as applied to beam position and intensity measurements 100569
Gilpatrick, J.D. *see* Johnson, K.F. 89732
Gilpatrick, J.D. *see* Russell, S.J. 100574
Gilpatrick, J.D. *see* Yuan, V.W. 89733
Gils, M.van *see* van Gils, M.
Gils, R.A.J.C.M.van *see* van Gils, R.A.J.C.M.
Gilson, E. *see* Fu, Y. 121973
Gilson, K.L. *see* Hutchings, J.L. 93420
Gilson, R.G. *see* Warren, A.P. 106492
Gilutin, L. *see* Abramovich, A. 96078
Gilvin, P.J., Steele, J.D., Rose, D.C., Perkins, D.K., Bartlett, D.T., Sandford, D.J., Dutt, J.C., Hessey, J.D. Changes in the NRPB body TLD system 110971
Gim Jae-Hyeon *see* Jae-Hyeon Gim
Gimenez, G. *see* Ning Ma 109817
Gimenez, G. *see* Wang, H. 86916
Gimenez, J.R.B., Romano, J.M.T. New issues on the numerical stability of the fast recursive least squares algorithm 92579
Gimenez de Guzman, M.I. *see* Millan, A.J. 102744
Gimenez de Guzman, M.I. *see* Regidor, J.C. 93133
Gimeno, B., Guglielmi, M. Multimode equivalent network representation for planar junctions involving elliptical waveguides 93720
Gimeno, B., Guglielmi, M. Multimode equivalent network representation for H- and E-plane uniform bends in rectangular waveguide 116967
Gimersky, M., Amari, S., Bornemann, J. Numerical evaluation of the two-dimensional generalized exponential integral 108012
Gimersky, M., Bornemann, J. A modified method-of-moments technique for the full-wave analysis of imperfect conductors on lossy and finite-extent substrates 83546
Giminez, G. *see* Hernandez, A. 69975
Gimmnich, P. *see* Protzmann, H. 103889
Gimmnich, P. *see* Zimmermann, G. 61223
Gin Nam Hyoung *see* Hyoung Gin Nam
Gin-Kou Ma *see* Chiung-Shien Wu 77638
Gin-Kou Ma *see* Nen-Fu Huang 77645
Gin-Learn Gu *see* Bae-Heng Tseng 62797
Gin-Lern Gu *see* Bae-Heng Tseng 61330
Ginart, A. *see* Pesse, G. 103193
Gindele, F. *see* Wind, O. 74399
Giner, V.C., Holtzman, J.M. Dispatch versus interconnect traffic: a comparative analysis in a land mobile trunking system 109433
Ginesta, X., Sambhwani, S. Low complexity finite-state scalar quantization of image subbands 86753
Ginestar, D. *see* Sanchis, R. 111750
Ginet, G.P., Biasca, R., Tautz, M. PL-GEOSpace: three-dimensional visualization of the dynamic space environment 70317
Ging-Ho Hsiue, Jen-Kwan Kuo, Ru-Jong Jeng, Te-Hwei Suen, Rong-Ren Lee, Jow-Tsong Shy, Ying-Ling Liu Nonlinear optically active polyimide containing phenoxysilicon linkages 85646
Ging-Ho Hsiue *see* Te-Hwei Suen 85651
Gingins, F. *see* Beylot, P. 108464
Gingras, L. *see* Rochefort, M. 101695
Gingrich, D.M., Hewlett, J.C., Holm, L., Pinfold, J.L. A pipeline controller for the ATLAS calorimeter 100934
Gini, E., Melchior, H. The refractive index of InP and its temperature dependence in the wavelength range from 1.2 μm to 1.6 μm 106739
Gini, E. *see* Besse, P.A. 116095
Gini, F., Lombardini, F. A novel linear-quadratic technique for coherent radar detection in mixed clutter environment 99633
Gini, F., Lombardini, F., Verrazzani, L. A robust approach to decentralized CFAR detection in spiky clutter 99635
Gini, F. *see* Farina, A. 109718
Ginige, R. *see* van den Berg, M.L. 106054
Ginkou Ma *see* Jiann-Liang Chen 77889
Ginley, D.S. *see* Pehnt, M. 104078
Ginodman, V. *see* Shlimak, I. 94287
Ginsburg, N.S., Konoplev, I.V., Sergeev, A.S. Use of two-dimensional distributed feedback for radiation synchronization in a free-electron laser with a large-diameter tubular relativistic electron beam 76066
Ginter, E. *see* Pfeiffer, M. 85142
Ginthor-Kalcsics, R., Weiss, R. Design and FPGA implementation of a hardware monitor for performance measurements in multi-DSP systems (TMS320C40) 93417
Ginzboorg, P. Methods to synchronize the IN SCP's overload protection mechanism 98829
Ginzburg, N.S., Novozhilova, Yu.V., Sergeev, A.S. Generation of short electromagnetic pulses by an electron bunch in a backward-wave-tube slow-wave system 83764
Ginzburg, N.S., Sergeev, A.S., Peskov, N.Yu., Konoplev, I.V., Robb, G.R.M., Phelps, A.D.R. Mode competition and control in free electron lasers with one and two dimensional Bragg resonators 96510
Ginzburg, N.S., Sergeev, A.S., Peskov, N.Yu., Robb, G.R.M., Phelps, A.D.R. Mode competition and control in free electron lasers with one- and two-dimensional Bragg resonators 107361
Ginzburg, N.S. *see* Bogomolov, Ya.L. 76051
Ginzburg, N.S. *see* Bratman, V.L. 107030
Ginzburg, N.S. *see* Kaminsky, A.K. 96513
Ginzburg, N.S. *see* Peskov, N.Yu. 96083
Giok-Djan Khoe *see* Bachus, E.-J. 78914
Giomataris, Y., Rebourgeard, P., Robert, J.P., Charpak, G. MICROMEGAS: a high-granularity position-sensitive gaseous detector for high particle-flux environments 90177
Giordan, L.A. *see* Garis, E.J. 89465
Giordani, R. *see* Boscagli, G. 69472
Giordani, R. *see* Boscagli, G. 78637
Giordano, A., Chan, M., Habal, H. A novel location-based service and architecture 88378
Giordano, A. *see* Bolla, R. 99245
Giordano, G. *see* Houck, T. 110481
Giordano, H., Galeotti, M., Cortigiani, B., Torrini, M., Bardi, U. Growth mechanism and epitaxy of cobalt on the Pt(110) surface 82627
Giordano, N. *see* Antonucci, V. 81867
Giordano, N. *see* Arico, A.S. 121873
Giordano, P. *see* Sawant, S. 83022
Giordano, V. Sources of noise in frequency standards 119516
Giordano, V. *see* Alvsvaag, S.J. 90124
Giordanot, G., Li, H., Goffeney, N., Henestroza, E., Sessler, A., Yu, S., Houck, T., Westenskow, C. Beam dynamics issues in an extended relativistic klystron 89673
Giordmaine, J.A. *see* Tirrell, M. *(editor)* 112678
Giorgetti, E. *see* Grando, D. 95765
Giorgetti, E. *see* Palchetti, L. 95763
Giorgetti, E. *see* Palchetti, L. 119259
Giorgetti, E. *see* Sottini, S. 75401
Giorgi, L., Carewska, M., Scaccia, S., Simonetti, E., Giacometti, E., Tulli, R. Development of molten carbonate fuel cell using novel cathode material 81742
Giorgi, L. *see* Bandinelli, M. 97185
Giorgi, L. *see* Buccioni, P. 97197
Giorgi, M. *see* Cadeddu, R. 99514
Giorgi, M. *see* Marchetti, S. 69122
Giorgi, M. *see* Mours, B. 100821
Giorgi, M. *see* Mours, B. 120196
Giorgi, M.De *see* De Giorgi, M.
Giorgis, F., Rava, P., Galloni, R., Rizzoli, R., Summonte, C., Crovini, G., Demichelis, F., Pirri, C.F., Tresso, E., Rigato, V. Compositional, optoelectronic and structural properties of amorphous silicon-nitrogen alloys deposited by plasma enhanced chemical vapor deposition 92841
Giorgis, F. *see* Demichelis, F. 92912
Giorgis, F. *see* Demichelis, F. 92931
Giorgis, F. *see* Fathallah, M. 94405
Giorgis, F. *see* Rava, P. 113490
Giortzis, A.I., Turner, L.F. A mathematical programming approach to the channel assignment problem in radio networks 109520
Giovanelli, R. *see* Goldsmith, P.F. 68790
Giovangigli, V. *see* Ern, A. 72884
Giovannini, H. Coherence multiplexing: principles and applications 79504
Giovannini, H. *see* Deumie, C. 119900
Giovannozzi, M., Grassi, R., Scandale, W., Todesco, E. Analysis of quality factors in the sorting problem 120020
Giovannozzi, M. *see* Bartolini, R. 120058
Giovannozzi, M. *see* Bazzani, A. 120010
Giovannozzi, M. *see* Scandale, W. 89826
Giovannozzi, M. *see* Todesco, E. 69631
Giovantozzi, M. Stability domain of planar symplectic maps using invariant manifolds 79887
Giove, D., Bosotti, A., Pagani, C., Varisco, G. A microstrip based position system for the alignment of the TTF cryostat 89909
Giove, D., De Martinis, C., Pullia, M., Mangili, P. Low energy regime for optical transition radiation emission 100587
Giovenale, E. *see* Bulfone, D. 76053
Giovenale, E. *see* Doria, A. 96449
Giovenale, E. *see* Walker, R.P. 96521
Gipe, P. Wind energy–the breath of life or the kiss of death: high mortality may tarnish wind energy's promise 102539
Gipe, P. Design as if people matter: aesthetic guidelines for the wind industry 102582
Gippius, N.A. *see* Kazantsev, D.V. 74411
Gippius, N.A. *see* Kovalev, D. 94269
Gipprich, J., Grice, S. The analysis and modeling of ground circuit interconnects for multilayer microwave circuits 83511
Gipprich, J.W. A phase compensated, motion insensitive coaxial connector 93984
Gipprich, J.W. A constant-phase coaxial connector 114382
Gipprich, J.W. *see* Hayes, R.E. 83331
Gipser, T., Leuthold, P. Wholly optical networks–the future of information superhighways. 1. Evolution of optical transmission technology 119198
Gipser, T., Ming-Seng Kao An all-optical network architecture 68468
Gir, S. *see* Clark, M.C. 81999
Girach, K., Kerr, D., Bouzza-Marouf, K., Hewit, J.R. Teleoperation of an experimental mobile vehicle via a free space optical laser line of sight and repeater communication link for use in semi-hazardous structured environments 68357
Giraffa, A. *see* Coffa, S. 84087
Giral, R., Font, J., Martinez, L., Calvente, J., Leyva, R., Fossas, E. Self-oscillating boost converter with output filter for ideal load regulation 113737
Giral, R. *see* Calvente, J. 121694
Giraldi, M.T.M.R., Celaschi, S. Optimized power performance of tunable fiber ring lasers 96153
Giraldi, S. *see* Catelani, M. 119538
Giraldo, L., Hyman, B. An energy process-step model for manufacturing paper and paperboard 92000
Girard, A. *see* Cheikh, A.B. 67860
Girard, G., Prigent, P., Lavenant, A. Spectral properties of a forsterite laser (Cr^{4+}:Mg_2SiO_4) 75904
Girard, J.J. *see* Bayart, D. 75844
Girard, M. *see* Chambon, M. 79555
Girard, P. *see* Cavallera, P. 73217
Girard, P. *see* Cremoux, S. 104426
Girard, P. *see* Georgescu, B. 106072
Girard, S. *see* Konate, A. 65126
Girard, T.A., Morales, A., Waysand, G., Collar, J.I., Bruere-Dawson, R., Bonnierballe, P., Dubos, H., Garcia, E., Gomes, M.R., Jeudy, V., Limagne, D., Morales, J., Perrier, P., Puimedon, J., Saenz, C., Salinas, A., Sarsa, M.L., Seco, J., Ortiz de Solorzano, A., Villar, J., Yong, J. The Lisbon-Zaragoza-Paris dark matter search 80093
Girard, T.A. *see* Jeudy, V. 69789
Girardeau-Montaut, J.P. *see* Afif, M. 94183
Girardey, A. *see* Awanto, C. 71925
Girardi, R. *see* Artiglia, M. 119204
Girardin, C., Coratger, R., Pechou, R., Ajustron, F., Beauvillain, J. Study of the electron mean free path by ballistic electron emission microscopy 74692
Girardin, J.-J. Network fault handling, correlation and statistical analysis 98592
Girardot, J.J. *see* Kahlouche, H. 87463
Girau, B., Tisserand, A. On-line arithmetic-based reprogrammable hardware implementation of multi-layer perceptron back-propagation 62123
Giraud, F. *see* Clesca, B. 68377
Giraud, L. *see* Carvalho, L.M. 84292
Giraud, N., Grisel, R., Ducarouge, C. Tangents extraction method based on mathematical morphology operators application to optical metrology 98127
Giraud-Heraud, Y. *see* Barabanov, I.R. 110568
Giraudet, L. *see* Scavennec, A. 104355
Giraudo, M.T., Sacerdote, L. Some remarks on first-passage-time for jump-diffusion processes 103606
Girault, V., Lopez, H. Finite-element error estimates for the MAC scheme 82540
Girdhar, R. *see* Park, E.H. 103333
Girdinio, P., Molfino, P., Nervi, M., Manella, A. Non-linear magnetostatic adaption using a "local field error" approach 65674
Girdinio, P. *see* Alotto, P. 65661
Girdinio, P. *see* Alotto, P. 96951
Girdinio, P. *see* Alotto, P. 96991
Girdwood, C., Chiwy, P. MIRAGE: an ACTS project in virtual production and stereoscopy 119408
Girginoudi, D. *see* Feng, T. 84059
Girgis, A.A., Peterson, W.L. Optimal estimation of power system average frequency deviation using the Magill Adaptive Estimator 101864
Girgis, A.A. *see* Haili Ma 91158
Girgis, A.A. *see* Liancheng Wang 91099
Girgis, A.A. *see* Liancheng Wang 101731
Girgis, A.A. *see* Varadan, S. 91956
Giri, A.K. *see* Gonzalez, J.M. 84788
Giri, G. *see* Foroni, R. 110670
Giri, P.K., Dhar, S., Kulkarni, V.N., Mohapatra, Y.N. Electrically active defects due to end-of-ion-range damage in silicon irradiated with MeV Ar^+ ions 83809
Giribone, P., Schenone, M. Pre-design of denitration plants for thermoelectric power plants flue-gas by simulation techniques 102433
Giridhar, K., Shynk, J.J., Iltis, R.A., Mathur, A. Adaptive MAPSD algorithms for symbol and timing recovery of mobile radio TDMA signals 99361
Giridhar, K. *see* Ramamurthi, B. 66246
Giridharan, S., Ramanarayanan, V. Load diverter system for stand alone micro hydro generators 91433
Girin, S.V. *see* Elliott, S.R. 80104
Girka, I.A. *see* Girka, V.A. 76522
Girka, V.A., Girka, I.A., Tkachenko, V.I. Excitation of azimuthal surface modes in cylindrical semiconductor structures with drift motion of the electron flux 76522
Girlich, E., Kovalev, M. Classification of polyhedral matroids 60853
Girndt, A. *see* Haas, S. 96340
Girnita, I. *see* Berca, V. 112491
Girnyk, V.I., Kurashov, V.N., Mikheyev, Ya.I., Tverdokhleb, I.V. Influence of structure and shape of the movable intervening medium surface on 3-D dynamic stage parameters 110307
Giro, G. *see* Kalinowski, J. 64900
Girod, B. *see* Stuhlmuller, K.W. 86490
Girod, V. Cleanroom technology. Quality assurance in the cleanroom 60566
Girolami, B., Larsson, B., Preger, M., Schaerf, C., Stepanek, J. Photon beams for radiosurgery produced by laser Compton backscattering from relativistic electrons 110887

Girolami, M.A. Self organising nonlinear artificial neural network architectures which separate independent component signals from their mixture: a preliminary review 108245
Girolamo, B.Di *see* Di Girolamo, B.
Girolamo, S.Di *see* Di Girolamo, S.
Giron, F. *see* Dilmanian, F.A. 90434
Giron, S. *see* Cushman, P. 110590
Gironda, N. *see* Kakimoto, F. 69777
Giroult-Matlakowski, G. *see* Cuevas, A. 114559
Giroux, F. *see* Brun, A. 114993
Giroux, M. *see* Saad, O. 91179
Giroux, P. *see* Sybille, G. 91089
Girrard, K.M. *see* Cutright, P.J. 67516
Girsch, W. *see* Thoma, H. 120534
Gisin, B., Gisin, N., Cochet, F. Transmission gratings for chromatic dispersion compensation 64660
Gisin, B. *see* Conde, R. 64670
Gisin, B.V. Nonlinear frequency superposition for rotating frames 116926
Gisin, B.V., Hardy, A.A. Eigenvalue analysis of graded index nonlinear optical antiwaveguide 116085
Gisin, N. *see* Chausse, E. 64698
Gisin, N. *see* Ciprut, P. 64674
Gisin, N. *see* Conde, R. 64670
Gisin, N. *see* Gisin, B. 64660
Gisin, N. *see* Mussi, G. 69528
Gisin, N. *see* von der Weid, J.P. 64787
Gisladottir, J.V., Ramchandran, E., Orchard, M. Motion-based representation of video sequences using variable block sizes 86492
Gislason, H., Sorensen, C.B., Hvam, J.M. (110) oriented $GaAs/Al_{0.3}Ga_{0.7}As$ quantum wells for optimized T-shaped quantum wires 94498
Gisler, G.R. *see* Ahluwalia, H.S. 90156
Gismero, J. *see* Alonso, J.I. 99288
Gismero, J. *see* Grajal, J. 73809
Gisselfalt, M. *see* Hanke, U. 95509
Gissinger, G.L. *see* Sprosser, T. 103521
Gitelson, A., Kogan, F., Spivak, L., Zakarin, E., Lebed, L. Estimation of seasonal dynamics of pasture and crop productivity in Kazakhstan using NOAA/AVHRR data 120885
Giter, A. *see* Sam Ben-Yaakov 71887
Githiari, A.F., Leedham, R.J., Palmer, P.R. High performance gate drives for utilizing the IGBT in the active region 113752
Gitis, N.V. *see* Leung, C.M. 115685
Gitkind, N., Jacobson, B., Scipione, F., Gengelbach, R., Emmons, R., Holman, R. Plastic optics in LCD backlighting 75609
Gitlin, R.D. *see* Ayanoglu, E. 87868
Gitlits, M. *see* Ivanovich, M. 109489
Gitmans, F. *see* Sitar, Z. 92766
Gitsu, D. *see* Banari, V. 64927
Gittings, C. *see* Charlton, C. 118445
Gittins, G. *see* Kuhnel, S. 87522
Gitto, R. *see* Ciofi, C. 94847
Giu Kang Sin *see* Sin Giu Kang
Giubbolini, M. *see* Bottalico, S. 68689
Giubellino, P. *see* Beole, S. 110562
Giudice, G.E. *see* Thiagarajan, P. 75921
Giudice, M.Del *see* Del Giudice, M.
Giudicotti, L. *see* Sardella, A. 79530
Giuffrida, F., Vercelli, G., Morasso, P. A statistical-neural algorithm based on neural-gas network for dynamic localisation of robots 119885
Giuffrida, F., Vercelli, G., Zaccaria, R. A multi agent distributed host to host to robot real-time communication environment 108865
Giugno, P.V. *see* Calcagnile, L. 74378
Giugno, P.V. *see* Di Dio, M. 83945
Giuli, D., Facheris, E., Baldini, L., Mazzetti, P., Palmisano, E. Optimal reconstruction of rainfall fields through a meteorological radar 70497
Giuli, D., Facheris, L., Baldini, L., Lombardi, A. On-board minimum redundancy processing technique for polarimetric SAR 68580
Giuli, D., Facheris, L., Frattura, F., Baldini, L. Improvement of a standard Doppler dealiasing technique for weather radars operating in heavy clutter environment 111200
Giuli, D. *see* Capolino, F. 111202
Giuli, D. *see* Cuomo, S. 103331
Giuli, D. *see* Nativi, S. 120803
Giuliani, A. *see* Alessandrello, A. 80100
Giuliani, A. *see* Berti, M. 92757
Giuliani, G. *see* Delpiano, F. 99461
Giulio, M.Di *see* Di Giulio, M.
Giuma, T.A., Holt, P., Williams, D. Multimedia tools in electrical engineering laboratories 103327
Giuma, T.A., Warden, S.C. Microprocessor design innovations 61962
Giunti, C. *see* Bilenky, S.M. 80106
Giuntini, L. *see* Chiari, M. 100806
Giust, G.K. *see* Deng, C. 92701
Giusto, D.D. *see* De Natale, F.G.B. 77221
Giusto, P. *see* Cardelli, S. 73055
Giustolisi, G., Palmisane, G., Palumbe, G. Introduction to ΣΔ A/B converters 83174
Givant, A. *see* Sa'ar, A. 62841
Givargizov, E.I., Aksenova, L.L., Galstyan, V.G., Kiselev, A.N., Kuznetsov, A.V., Muratova, V.I., Rakova, E.V., Stepanova, A.N. Growth of diamond particles on sharpened Si tips 72905
Givargizov, E.I., Aksenova, L.L., Kuznetsov, A.V., Plekhanov, P.S., Rakova, E.V., Stepanova, A.N., Zhirnov, V.V., Nordine, P.C. Growth of diamond particles on sharpened silicon tips for field emission 92664
Givargizov, E.I., Chubun, N.N., Zhirnov, V.V., Stepanova, A.N. Si FEA with diamond coating for vacuum microelectronics devices 74031
Givargizov, E.I., Zhirnov, V.V., Kuznetsov, A.V., Plekhanov, P.S. Cold emission from single-crystalline microparticle of diamond on Si tip: not F-N behavior 73940
Givargizov, E.I., Zhirnov, V.V., Kuznetsov, A.V., Plekhanov, P.S. Cold emission from the single-crystalline microparticle of diamond on a Si tip 83702
Givargizov, E.I., Zhirnov, V.V., Stepanova, A.N., Plekhanov, P.S., Kozlov, R.I. Field emission characteristics of polycrystalline and single-crystalline diamond grown on Si tips 73968
Givargizov, E.I. *see* Zhimov, V.V. 73972
Givargizov, E.I. *see* Zhirnov, V.V. 73939
Givargizov, E.I. *see* Zhirnov, V.V. 83703
Givati, O., Fourie, A.P.C. Analysis of skeletal wire conical antennas 76560
Givati, O., Fourie, A.P.C. Radiation patterns of antennas mounted on a fighter aircraft 117010
Givati, O., Fourie, A.P.C. Initial design curves for skeletal wire conical antennas 117037
Givernaud, A. *see* Peigneux, J.P. 120164
Giyantsev, V.N. *see* Dillmann, F. 106702
Giza, M.M. *see* Bright, C.L. 97970
Gizatulin, Sh.Kh. *see* Arinkin, F.M. 111060
Gizdarski, E. High quality testing of Mbit DRAMS 104565
Gizinski, P. GTO thyristor gate firing conditions 112503
Gizopoulos, D., Nikolos, D., Paschalis, A. Fast C-testable array multipliers 61816
Gizopoulos, D., Paschalis, A., Zorian, Y. An effective BIST scheme for carry-save and carry-propagate array multipliers 61767
Gizopoulos, D. *see* Gaitanis, N. 104423
Gjaja, M.N. *see* Carpenter, G.A. 111317
Gjelsvik, A. *see* Doorman, G.L. 102019
Gjoka, M. *see* Kalogirou, O. 64324
Glacet, J.-Y., Berne, S. A practical system for hot spot detection using fluorescent microthermal imaging 113037
Glaciowski, T. *see* Britt, B.D. 61548
Gladd, N.T., Verboncoeur, J.P. Issues in providing expert advice for users of a particle-in-cell simulation code 62572
Gladden, W.K. *see* Erhart, D.L. 60728
Gladden, W.K. *see* Schafft, H.A. 95132
Gladfelter, W. *see* Venkateswaran, N. 92811
Gladfelter, W.L. *see* Yan, J. 82741
Gladigau, J., Voggenreiter, O. Power transistors in SMD packages: calculating power dissipation the right way 92274
Gladisch, A., Giehmann, L., Rocks, M. Distribution of a common reference line for transmitter laser frequency stabilization in OFDM broadband communication systems 88456
Gladisch, A. *see* Fischer, U.H.P. 88495
Gladisch, A. *see* Majd, M. 84966
Gladisch, A. *see* Rocks, M. 78754
Gladkikh, P. *see* Bulyak, E. 80149
Gladkikh, V.A. *see* Kokhanenko, G.P. 83780
Gladkov, P. *see* Nohavica, D. 103903
Gladkova, N. *see* Gelikonov, V. 120408
Gladky, V.V. *see* Sidorenko, V.D. 95552
Gladstone, S.M., IV, Scott, R.S., Runnion, E.F., Hughes, T.W., Dumin, D.J., Mitros, J.C., Lie, L. Thickness dependence of low-level leakages in thin oxides 75005
Gladstone, S.M., IV *see* Runnion, E.F. 93389
Gladun, A. *see* Escher, U. 84877
Gladun, V.V. *see* Pirogov, Y.A. 69482
Gladun, V.V. *see* Pirogov, Y.A. 73718
Gladun, V.V. *see* Pirogov, Yu.A. 80682
Gladwin, C.J. *see* Garey, L.E. 61036
Gladysheva, L.B. *see* Timofeev, F.N. 63319
Gladysheva, L.G., Kaliteevskaya, N.A., Seisyan, R.P., Smirnov, D.V. Production of wide-band (0.1 µm) periodic structures by contact lithography on thin films of arsenic sulfide using pulsed excimer laser radiation 115105
Gladyshevskii, R.E. *see* Ciszek, M. 75312
Gladyshevskii, R.E. *see* Triscone, G. 106659
Glaesemann, G.S. High speed strength testing of optical fibers 84969
Glaeser, A. Compact modular neural networks in a hybrid speaker-independent speech recognition system 108209
Glaessel, P. *see* Agakichiev, G. 69736
Glaessel, P. *see* Faschingbauer, U. 110557
Glagoleva, N.S. *see* Aksinenko, V.D. 69851
Glagoleva, N.S. *see* Aksinenko, V.D. 69852
Glaister, D.S., Curran, D.G.T., Mahajan, V.N., Stoyanof, M. Application of cryogenic thermal switch technology to dual focal plane concept for Brilliant Eyes sensor payload 90884
Glance, B., Doerr, C., Kaminow, I.P., Montagne, R. Novel optically restorable WDM ring network 78854
Glance, B., Liou, K.-Y., Koren, U., Burrows, E.C., Raybon, G., Burrus, C.A., Dreyer, K., Doerr, C. A single-fiber WDM local access network based on amplified LED transceivers 99572
Glance, B. *see* Liou, K.-Y. 68486
Glanfield, A. *see* Gardelis, S. 64909
Glantschnig, W. *see* Chen, R.W. 72236
Glapa, M. Cost-effectively delivering broadband access 67835
Glarola, A.J. *see* Souza Sobrinho, C.L. 97277
Glas, F. *see* Patriarche, G. 113354
Glas, P., Naumann, M., Reng, I., Schirrmacher, A., Townsend, J.E. A novel design for high brightness fibre lasers pumped by high-power diodes 65093
Glas, P. *see* Schonnagel, H. 65092
Glasauer, F.U., Mueller, I. Drum- and -disc-engine with shape memory wires 121352
Glasbeek, M. *see* Brucknor, V. 116240
Glase, W.E. *see* Furman, W.N. 99061
Glaser, A. *see* Banerjia, S. 60656
Glaser, E., Heft, A., Heindl, J., Kaiser, U., Bachmann, T., Wesch, W., Strunk, H.P., Wendler, E. Ion implantation and recrystallization of silicon carbide 105594
Glaser, E. *see* Bachmann, T. 92721
Glaser, E. *see* Schulz, R. 105181
Glaser, E.R. *see* Bennett, B.R. 82681
Glaser, E.R. *see* Bhargava, R.N. 62713
Glaser, E.R. *see* Carlos, W.E. 75748
Glaser, E.R. *see* Kennedy, T.A. 74215
Glaser, M. *see* Bates, S.J. 90122
Glaser, M. *see* Bates, S.J. 110607
Glaser, M. *see* Knolle, D. 116829
Glaser, R.M. *see* Herr, C.J. 70177
Glaser, U., Vierhaus, H.T. Mixed level test generation for synchronous sequential circuits using the FOGBUSTER algorithm 61802
Glasgow, P.D. *see* Kim, K.J. 106488
Glasmacher, M., Pucher, H.-J., Geiger, M. Improvement of the reliability of laser beam micro welding as interconnection technique 104939
Glasmacher, M., Pucher, H.-J., Geiger, M. 3D-simulation and experimental investigation of optimized laser beam micro joining techniques 114422
Glasmacher, M. *see* Pucher, H.-J. 103430
Glasmacher, M. *see* Pucher, H.-J. 112889
Glasmachers, G. Floating power supply circuits 113745
Glasmachers, G., Hatzfeld, F. A VCA with 300 mHz bandwidth 73126
Glasman, C., Andronov, V., Vasilyev, O., Litchakov, V. Method of paired comparisons: subjective testing of coded images 117691
Glasow, A.V., Kammer, H., Kohlhase, A. A new method to determine the influence of thermomechanical stress on the reliability of metal lines in integrated circuits 115032
Glasow, R. *see* Peitzmann, T. 100814
Glasper, J.L. *see* Nejim, A. 94928
Glass, D.H. *see* Jakobsen, M.L. 110448
Glass, E., Abrokwah, J., Lucero, R., Spears, E., Rollman, J., Huang, J.-H., Bernhardt, B., Ooms, B. A high efficiency complementary GaAs power FET technology for single supply portable applications 83459
Glass, E., Abrokwah, J., Lucero, R., Spears, E., Rollman, J., Huang, J.-W., Bernhardt, B., Ooms, B. A high efficiency complementary GaAs power FET technology for single supply portable applications 93789
Glass, E. *see* Nair, V. 83362
Glass, H. *see* Foster, G.W. 89784
Glass, H.D., Brown, B.C., DiMarco, J., Harding, D.J., Masur, P.O., Mishra, C.S., Mokhtarani, A., Orris, D.F., Reid, C.M., Sim, J.W., Tompkins, J.C., Walbridge, D.G.C. Flatcoil systems for measurements of Fermilab magnets 100644
Glass, H.D. *see* Bhat, C.M. 89794
Glass, H.D. *see* Brown, B.C. 90058
Glass, H.D. *see* Harding, D.J. 89795
Glass, H.D. *see* Harding, D.J. 89796
Glass, J., Wurz, A., Wolf, T., Manner, R., Schulz, H.D., Ressing, D. Design of the HERA-B first level trigger 100978
Glass, R.C. *see* Brandt, C.D. 104054
Glass, R.C. *see* Burk, A.A., Jr. 104038
Glass, R.C. *see* Sriram, S. 62274
Glass, R.C. *see* Sriram, S. 83385
Glass, T. *see* Stroetmann, K. 93036
Glasser, L.A. Affordability strategies in military microwave systems 90874
Glassmeier, K.-H. *see* Markgraf, S. 70458
Glassner, D.S., Frankel, M.Y., Esman, R.D. Carrier-suppressed microwave fiber-optic source using intracavity modulation 78690
Glassner, D.S. *see* Knize, R.J. 97961
Glastre, G. *see* Goutain, E. 107281
Glastre, G. *see* Joergensen, C. 99458
Glastre, G. *see* Ratovelomanana, F. 78778
Glastre, G. *see* Vodjdani, N. 68419
Glatfelter, T. *see* Guha, S. 112342
Glatt, W., Schreiblehner, M.A., Haider, C., Leeb, W.R. Optical PSK homodyne system using a switched residual carrier for phase synchronisation 88596
Glatz, F. *see* Prokop, J. 92890
Glatz, M. *see* Nguyen, P. 93317
Glauert, W.H. *see* Heinkel, U. 73229
Glavieux, A. *see* Berrou, C. 117236
Glavieux, A. *see* Pyndiah, R. 76760
Glavin, B.A. *see* Belyaev, A.E. 105366
Glavin, B.A. *see* Kochelap, V.A. 115150
Glavinas, E. *see* Dhagat, P. 75223
Glavinas, E. *see* Porter, D.G. 64446
Glavitsch, H. *see* Asal, H.P. 101855
Glaw, V. *see* Ehrmann, O. 94146

Glay, D. *see* Lasri, T. 89472
Glazanov, D.V. *see* Fursey, G.N. 73955
Glazanov, V.E., Mikhailov, A.V. Method to construct a low-frequency emitter by using water-filled tubes 111382
Glazebrook, G., Middleton, A., Ratcliffe, M. Personal public transport for Perth 99344
Glazebrook, K.D. *see* Ansell, P.S. 118050
Glazenko, A.V., Danilevich, Ya.B., Karymov, A.A. Digital modelling of thermal and mechanical processes in electrical machines 71229
Glazer, J., Perry, M. Virtual implementation in backwards induction 92417
Glazman, L.I. *see* Matveev, K.A. 105411
Glazman, R.E., Fabrikant, A., Srokosz, M.A. Numerical analysis of the sea state bias for satellite altimetry 70433
Glazounov, A.E., Tagantsev, A.K., Bell, A.J. Evidence for domain-type dynamics in the ergodic phase of the PbMg$_{1/3}$Nb$_{2/3}$O$_3$ relaxor ferroelectric 64096
Glazov, A., Krasnopolsky, V., Meshcherov, R., Masalov, V. Pulsed ion sources of duoplasmatron type with cold and hot cathodes 90098
Glazov, A. *see* Ban, J. 69810
Glazov, A. *see* Bolotin, I. 100694
Gleason, A. *see* Jone, W.-B. 93268
Gleason, D.M. Avoiding numerical stability problems of long duration DGPS/INS Kalman filters 68743
Gleason, E.F. *see* Limb, S.J. 61373
Gleason, K.K. *see* Kwan, M.C. 92847
Gleason, K.K. *see* Limb, S.J. 61373
Gleason, S.S., Tobin, K.W., Jr., Karnowski, T.P. Spatial signature analysis of semiconductor defects 82317
Gleason, S.S. *see* Hunt, M.A. 67347
Gleason, S.S. *see* Tobin, K.W. 115279
Glebov, I.A., Berejansky, V.B., Chubraeva, L.I. Scientific problems of diagnostic hardware development to increase the operating longevity of power station generators 71234
Glebov, I.A. *see* Antipov, V.N. 71339
Glebov, L.B. *see* Dianov, E.M. 96664
Glebov, L.B. *see* Efimov, O.M. 116606
Glebov, V.P. Promising air protection technologies in power engineering 121357
Glebovich, L.A., Strizhova, N.M. High-precision system for optical referencing of instrumental and structural bases with increased distance and range of measurable angles 111045
Gledhill, K. *see* Basol, B.M. 121883
Gleed, D. *see* Qi He Hong 77117
Gleeson, D. *see* Klima, M. 117874
Gleeson, D.J. *see* Keating, J.G. 77521
Gleeson, L.M., Sikora, E.S.R., Walker, N.G. Birefringence characterisation of optical fibre for low polarisation mode dispersion cables 64676
Gleeson, L.M. *see* Schuh, R.E. 85018
Gleich, T. *see* Jendritza, D.J. 99931
Gleichman, D. *see* Radford, W. 100114
Gleichmann, A. *see* Schubert, M. 119865
Glekas, J. *see* Rindos, A. 109141
Glenis, S., Choi, G., Lin, C.L., Mihalisin, T., Wang, X.Q. Oxygen dependence of the Josephson weak link effect, specific heat, and the transition temperature of YBa$_2$Cu$_3$O$_x$ 75300
Glenn, C.M., Hayes, S. Weak signal detection by small-perturbation control of chaotic orbits 97755
Glenn, D.W. *see* Hilfiker, J.N. 75189
Glenn, J., Case, M., Harame, D., Meyerson, B., Poisson, R. 12-GHz Gilbert mixers using a manufacturable Si/SiGe epitaxial-base bipolar technology 62345
Glenn, J.W. *see* Blaskiewicz, M. 79926
Glenn, J.W. *see* Tanaka, M. 100723
Glenn, W.E. Optical efficiency of light valve projectors 89219
Glenn, W.E. Consumer displays of the future 110281
Glentis, G.-O. *see* Bouras, I. 97844
Glesk, I., Prucnal, P.R. Ultrafast all-optical demultiplexers for OTDMA networks 119242
Glesk, I. *see* Kang, K.I. 88479
Gleskova, H., Konenkamp, R., Wagner, S., Chen, D.S. Electrographically patterned thin-film silicon transistors 63745
Gleskova, H., Wagner, S. Unified rate law for the thermal and light-induced annealing of defects in a-Si:H 63214
Gleskova, H. *see* Branz, H.M. 94243
Gleskova, H. *see* Conde, J.P. 114720
Glesner, M. *see* Dogaru, R. 62130
Glesner, M. *see* Poppe, A. 72218
Glew, C.N. The induction machine in its environment 81471
Glew, R. *see* Camassei, J. 63222
Glezos, N. *see* Tsamakis, D. 94229
Glick, B. *see* Turner, T.O. 80066
Glick, B. *see* Turner, T.O. 101019
Glick, H.A. *see* Hamann, W.F. 89129
Glick, J.B. *see* Lund, J.C. 110575
Glick, S.H. *see* Pern, F.J. 112380
Glick, S.J. Iterative restoration of SPECT projection images 101105
Glick, S.J., King, M.A., Pan, T.-S., Soares, E.J. An analytical approach for compensation of non-uniform attenuation in cardiac SPECT imaging 70072
Glick, S.J., King, M.A., Pan, T.-S., Soares, E.J. An analytical approach for compensation of non-uniform attenuation in cardiac SPECT imaging 101329
Glick, S.J., King, M.A., Tin-Su Pan, Soares, E.J. Compensation for nonuniform attenuation in SPECT brain imaging 69947
Glick, S.J. *see* Pretorius, P.H. 101181
Glick, S.J. *see* Soares, E.J. 90358
Glick, S.J. *see* Soares, E.J. 90421
Glick, S.J. *see* Soares, E.J. 101132
Glick, Y., Sternklar, S. Reflection grating interactions with highly doped Co:BaTiO$_3$ 116719
Glickman, E., Molotskii, M. Grain boundary electromigration beyond the diffusivity: whether grain boundary segregation can affect the driving force 94818
Glickman, E., Nathan, M. On the unusual electromigration behavior of copper interconnects 115013
Glickman, E.E., Klinger, L.M. Grain boundary grooving as the mechanism of the Blech electromigration in interconnects 63426
Glicksman, M.E. *see* Kim, G.T. 113422
Glicksman, R.A., Prior, F.W., Wilson, D.L., Keller, S. Image management in a multi-hospital environment 111018
Glidden, P. Simulation driven: board design process automation 73859
Glidles, A. *see* Griffith, A. 79571
Glielmo, L. *see* di Bernardo, M. 121680
Gliese, U., Nielsen, S.N., Nielsen, T.N. Limitations in distance and frequency due to chromatic dispersion in fibre-optic microwave and millimeter-wave links 99500
Gliese, U., Norskov, S., Nielsen, T.N. Chromatic dispersion in fiber-optic microwave and millimeter-wave links 119168
Glijer, P., Abarra, E.N., Kisker, H., Suzuki, T. MFM studies of recording phenomena in high density longitudinal recordings 115669
Glijer, P. *see* Sin, K. 106521
Glijnis, G. European utilities open lines of communication 120999
Glikerdas, P. *see* DiDomizio, J. 111423
Glikman, L.G., Goloskokov, Yu.V., Karetskaya, S.P. Theory of focusing charged particle beams in a two-dimensional electrostatic field with a median plane. III 79889
Glikman, L.G., Goloskokov, Yu.V., Karetskaya, S.P. Spatial and transit-time focusing of charged-particle beams in electrostatic transaxial mirrors 110492
Gliko, O.A. *see* Aleksandrovskii, A.L. 85103
Glinka, T., Grzenik, R., Molon, Z. Drive system for a powered wheelchair 110941
Glinka, T., Molon, Z., Grzenik, R., Kochanowski, W., Kulesz, B., Czakanski, M. Study of electric traction system composed of a chopper and a series DC motor 112504
Glinkowski, M.T. *see* King, R.L. 92093
Glinz, A. *see* Praeg, A.R. 116305
Glinz, A. *see* Prag, A.R. 65020
Glisson, A.W. *see* Junker, G.P. 66048
Glisson, A.W. *see* Junker, G.P. 76556
Glisson, A.W. *see* Junker, G.P. 108021
Glitho, R.H. Isolating faulty routing tables in SS7 networks: present and future 67608
Glitho, R.H., Hayes, S. Approaches for introducing TMN in legacy networks: a critical look 108954
Gloag, A., Langford, N., McCallion, K., Johnstone, W. Continuously tunable single-frequency erbium ring fiber laser 65091
Gloaguen, C., Lavergnat, J. 94 GHz bistatic scattering in rain 107883
Globa, N.I. *see* Shembel, E.M. 112235
Globerman, S., Janisch, H.N., Stanbury, W.T. Moving toward local distribution network competition in Canada 67657
Globus, M., Grinyov, B. Operation characteristics of ionizing radiation detectors based on inorganic and plastic scintillators for nuclear physics and medical instrumentation 80052
Globus, M., Grinyov, B. Operation characteristics of ionizing radiation detectors based on inorganic and plastic scintillators for nuclear physics and medical instrumentation 100887
Glock, H.-W. *see* Dohlus, M. 89660
Glocker, F.X. *see* Rosler, K.M. 90544
Glockler, O. *see* Pazsit, I. 121313
Glockner, S. *see* Goring, R. 99041
Glod, P. *see* Sawicki, M. 62716
Gloersen, P. *see* Josberger, E.G. 80665
Glogovsky, K.G. *see* Kojima, K. 75991
Glombik, A. *see* Eversheim, P.D. 120080
Gloor, P. *see* Matthews, J. 118612
Gloria, A.De *see* De Gloria, A.
Glorieux, C., Caerels, J., Thoen, J. Magnetic phase transition of gadolinium studied by acoustically detected magnetocaloric effect 115479
Glossbrenner, E.W. The life and times of an A-spot–a tutorial on sliding contacts 62412
Gloster, A.S., II Multimedia and asynchronous learning: the delivery of education and training utilizing the digital library 87945
Gloster, L.A.W. *see* McKinnie, I.T. 96165
Gloster, L.A.W. *see* McKinnie, I.T. 107203
Glotin, F., Berset, J.M., Jaroszynski, D., Marcouille, O., Ortega, J.M., Peremans, A., Prazeres, R., Zheng, W.Q. Short pulses and broadband measurement by autocorrelation with a sum-frequency generation setup 107383
Glotin, F., Ortega, J.-M., Prazeres, R., Devanz, G., Marcouille, O. Tunable X-ray generation in a free-electron laser by intracavity Compton backscattering 116796
Glotin, F. *see* Jaroszynski, D.A. 96565
Glotin, F. *see* Jaroszynski, D.A. 107399
Glotin, F. *see* Ortega, J.M. 107394
Glotin, F. *see* Prazeres, R. 96468
Gloukhian, A. *see* Nakajima, H. 88560
Glova, A.F., Elkin, N.N., Lysikov, A.Y., Napartovich, A.P. External Talbot cavity with in-phase mode selection 85378
Glova, A.F., Kurchatov, S.Yu., Likhanskii, V.V., Lysikov, A.Yu., Napartovich, A.P. Coherent emission of a linear array of CO$_2$ waveguide lasers with a spatial filter 85363
Glover, A.C.J. *see* Illy, E.K. 106252
Glover, B. *see* Subic, A. 72116
Glover, B.M., Ishizuka, Y., Jeyakumar, V., Tuan, H.D. Complete characterizations of global optimality for problems involving the pointwise minimum of sublinear functions 92545
Glover, B.M. *see* Craven, B.D. 82443
Glover, C.W. *see* Uberbacher, E.C. 66873
Glover, F. *see* Rolland, E. 82449
Glover, M. *see* Lee, S. 81397
Glover, R. EDA vendors advance toward system level design 84521
Glover, R.D., Schaper, L.W. A functional module comparison of the interconnected mesh power system (IMPS) with a standard four-layer MCM topology 62532
Glowacki, B.A. Changes of T$_c$, J$_c$ and stoichiometry of Nb$_3$Sn phase formed during internal tin diffusion process 95403
Glowacki, B.A. *see* Ashworth, S.P. 64507
Glowacki, B.A. *see* Ciszek, M. 64525
Glowacki, B.A. *see* Ciszek, M. 75312
Glowacki, B.A. *see* James, M.P. 106673
Glowacki, B.A. *see* Kang, D.-J. 95437
Glowacki, F. *see* Deutschmann, L. 84057
Gluch, M. *see* Fiedler, R. 79065
Gluche, P., Wolter, S.D., Borst, T.H., Ebert, W., Vescan, A., Kohn, E. Highly rectifying Au-contacts on diamond-on-silicon substrate 63576
Gluck, N.S., Bailey, R.B., de La Rosa, R., Hall, R.L. Two-color imaging by the use of patterned optical filters bonded to focal-plane-array detectors 119716
Gluck, N.S. *see* Motamedi, M.E. 100116
Gluckstad, J. Synthesis of arbitrary optical intensity distributions by use of extended phase contrast principle 87241
Gluckstad, J. Phase contrast image synthesis 108697
Gluckstern, R. *see* Ko, K. 89759
Gluckstern, R.L., Wen-Hao Cheng Stability of a breathing K-V beam 89996
Gluckstern, R.L. *see* Fedotov, A.V. 110516
Gluckstern, R.L. *see* Kurennoy, S.S. 89893
Gluckstern, R.L. *see* Murphy, J.B. 89851
Gluckstern, R.L. *see* Shicheng Jiang 90023
Gluckstern, R.L. *see* Wen-Hao Cheng 90024
Glueck, J., Lueder, E., Kallfass, T., Lauer, H.-U., Straub, D., Huttelmaier, S. A 14-in-diagonal a-Si TFT-AMLCD for PAL-TV 88817
Glueck, O. *see* Hilbrich, S. 94302
Glueck, O. *see* Thoenissen, M. 94246
Gluhchev, G. *see* Luchka, K. 90595
Glukhov, K. *see* Gorbulsky, P. 79265
Glukhovskaya, N.B. *see* Brekhovskikh, V.V. 80013
Glukhovskoi, B.M. *see* Brekhovskikh, V.V. 80013
Glushankov, E.I. *see* Batenkov, A.A. 108179
Glushkov, D.A. *see* Aleksandrov, K.S. 106330
Gluska, B. *see* Almagor, D. 87999
Gluskin, E. On the theory of emission and absorption of electromagnetic radiation–an argument 85249
Gluskin, E., Frachon, D., Ivanov, P.M., Maines, J., Medvedko, E.A., Trakhtenberg, E., Turner, L.R., Vasserman, I., Erg, G.I., Evtushenko, Yu.A., Gavrilov, N.G., Kulipanov, G.N., Medvedko, A.S., Petrov, S.P., Popik, V.M., Vinokurov, N.A., Friedman, A., Krinsky, S., Rakowsky, G., Singh, O. The elliptical multipole wiggler project 101000
Gluskin, E., Moog, E.R. Recent advances in insertion devices 89785
Gluskin, E. *see* Randall, K.J. 89635
Gluskin, E. *see* Trakhtenberg, E. 100431
Gluszak, P. High precision dew point hygrometer 89580
Gluszek, P. High precision dew point hygrometer. II 99947
Glycenfer, J.J. *see* Mader, D.P. 121687
Glynn, C.J. *see* Scott, V.A. 80372
Glynn, J.M., Buffman, M. A side scan sonar system for autonomous underwater vehicles 88740
Glynn, T.J. *see* Daly, E. 114747
Glynn, T.J. *see* Flanagan, A. 114448
Glynn, T.J. *see* Flanagan, A. 114455
Glytsis, E.N. *see* Ahmed, S. 96804
Glytsis, E.N. *see* Walker, D.B. 85109
Gmachl, C., Golshani, A., Finger, N., Kock, A., Gornik, E., Walker, J.F. Frequency tuning of VCSELs by a monolithically integrated modulator diode 65325

Gmachl, C. *see* Faist, J. 116540
Gmachl, C. *see* Golshani, A. 116535
Gmachl, C. *see* Kock, A. 96255
Gmeiner, J. *see* Herold, M. 72967
Gmiterko, A., Dovica, M., Slosarcik, S., Repej, V., Torok, C. Radiation scattering measurements of the dust mass concentration 89523
Gmitro, A.F., Ehsani, A.R., Berchem, T.A., Snell, R.J. A real-time reconstruction system for magnetic resonance imaging 70093
Gmyrek, Z. *see* Anuszczyk, J. 81452
Gmyrin, S.Ya. Effect of entry surface roughness on the structure, shape, and duration of an ultrasonic pulse 113570
Gmytrasiewicz, P. *see* Cook, D.J. 119737
Gnadig, K. *see* Dausmann, G. 65541
Gnaedinger, F. *see* Linder, S. 74644
Gnana Sagar, B. *see* Mondal, P.K. 120326
Gnaser, H. *see* Dorofeev, A. 94292
Gnatenko, L.N. *see* Surdu, M.N. 100179
Gnativ, L.A., Yevtushenko, V.N. A fast slant transform algorithm based on the Walsh-Hadamard transform 72420
Gnatovskij, K.A. *see* Zolochevskaja, O.V. 85745
Gnauck, A.H. Recent progress in high-capacity long-haul WDM systems 68531
Gnauck, A.H., Chraplyvy, A.R., Tkach, R.W., Zyskind, J.L., Sulhoff, J.W., Lucero, A.J., Sun, Y., Jopson, R.M., Forghieri, F., Derosier, R.M., Wolf, C., McCormick, A.R. One terabit/s transmission experiment 88643
Gnauck, A.H. *see* Chraplyvy, A.R. 99580
Gnauck, A.H. *see* Lu, X. 78790
Gnauck, A.H. *see* Veselka, J.J. 78945
Gnedin, A.A., Mesenzhnik, Ya.Z., Meshchanov, G.I., Prut, L.Ya. Operational reliability of winding wire in submersible oil-filled electric motors 71238
Gnewuch, H., Roman, J.E., Hempstead, M., Wilkinson, J.S., Ulrich, R. Beat-length measurement in directional couplers by thermo-optic modulation 95733
Gninenko, S.N. *see* Autiero, D. 69815
Gninenko, S.N. *see* Autiero, D. 80006
Gnudi, A. *see* Pellegrini, A. 63605
Gnyp, I.P. Cyclic corrosion cracking in steel at some nuclear power stations at high water temperatures 104170
Go, K., Takahashi, K., Kaminaga, H., Shiratori, N. Automatic modification of a protocol specification based on changes of a service specification 87440
Go Bong Choi *see* Hee Jin Lim 87939
Go Bong Choi *see* Ki Ryeung Kim 88267
Go Gun-Sup *see* Gun-Sup Go
Go Hisao *see* Hisao Go
Go Nagatani *see* Moon-Young Choi 112777
Go-Bong Choi *see* Ki-Ryeung Kimo 78143
Go-Bong Choi *see* Yu-Hyun Kim 77623
Goarin, R. *see* Gouronnec, A. 84981
Gobbert, M.K., Cale, T.S., Ringhofer, C.A. One approach to combining equipment scale and feature scale models [CVD] 63893
Gobbert, M.K., Ringhofer, C.A., Cale, T.S. Mesoscopic scale modeling of microloading during low pressure chemical vapor deposition 113419
Gobbi, L. *see* Sochtig, J. 64780
Gobbi, P.G. *see* Agnesi, A. 75892
Gobbo, G.Del *see* Del Gobbo, G.
Gobel, E.O. *see* Bastian, G. 83940
Gobel, E.O. *see* Marschner, T. 61299
Gobel, E.O. *see* Marschner, T. 114759
Gobel, E.O. *see* Protzmann, H. 103889
Gobel, E.O. *see* Volk, M. 63043
Gobel, E.O. *see* Yakovlev, D.R. 62885
Gobel, E.O. *see* Zimmermann, G. 61223
Gobel, R. *see* Steinhagen, F. 107283
Gobet, J., Cardot, F. Through mask electroplating applied to the fabrication of microelectromagnet arrays 63994
Gobil, Y. *see* Deleonibus, S. 105546
Gobin, P., Guenin, G., Morin, M., Salvia, M., Tatibouet, J. Smart materials: a future for composites 92974
Gobin, P.-F., Guenin, G., Morin, M., Salvia, M., Tatibouet, J. Smart materials: a future for composites 113552
Gobl, N. *see* Bencze, L. 121237
Gobl, N. *see* Kirschner, I. 115892
Goblirsch, W., Pasquali, P. Algorithms for calculation of digital surface models from the unwrapped interferometric phase 120685
Gobovic, D. *see* Aissi, C. 74855
Gobulukoglu, I. *see* Welipitiya, D. 92873
Gocal, B.M., Batcher, K.E. Bitonic sorting on Beneš networks 73078
Gocho, Y. *see* Hirata, K. 70857
Gockel, N., Markmann, G., Drechsler, R., Becker, B. A hybrid genetic algorithm for the bin packing problem 92500
Gockel, N. *see* Drechsler, R. 93235
Gockenbach, E. *see* Wenzel, D. 102812
Gockner, L., Landrichter, H. Plant management concept of heat and power generation in Wienstrom combined-cycle power plants 121381
Goda, T. *see* Fujita, H. 80892
Goda, Y., Okazaki, M., Inaba, T. Characteristics and classification of high-current fault arcs on distribution systems 111605
Godambe, N. *see* Shanware, A. 106214
Godara, L.C., Jahromi, M.R.S. A computationally efficient method for broadband beamforming 66783
Godara, L.C., Sayyah Jahromi, M.R. An FFT based method for broadband constrained beamforming 66740
Godard, B. *see* Boher, P. 94665
Godber, S.X. *see* Evans, J.P.O. 98219
Godber, S.X. *see* Petty, R.S. 79552
Godber, S.X. *see* Robinson, M. 77335
Godbout, N. *see* Shadaram, M. 100159
Godby, J. Powering the network: make it fail-safe 98537
Goddard, B. *see* Balhan, B. 79967
Goddard, B.J. *see* Collier, J.L. 110044
Goddard, E.J.G. *see* Furneaux, P.W. 71002
Goddard, J. *see* Partida, M.A. 83190
Goddard, N., Olliver, M., Low Thian Chye Regular feature extraction applied to the translation of Braille 90617
Goddard, T. *see* Duffus, D. 103635
Goddard, T. *see* Lachapelle, G. 88392
Goddard, W. *see* Dunbar, J. 72446
Godden, J. *see* Silver, A. 93198
Godden, P. Rejuvenation of switchboards 71577
Godden, P. *see* Whittle, T. 119564
Godec, I. *see* Milanovic, M. 121668
Godec, Z. Why the new measurement uncertainty? 99815
Godefroid, P., Long, D.E. Symbolic protocol verification with queue BDDs 108833
Godefroid, P., Peled, D., Staskauskas, M. Using partial-order methods in the formal validation of industrial concurrent programs 68012
Godefroid, P., Peled, D., Staskauskas, M. Using partial-order methods in the formal validation of industrial concurrent programs 118713
Godefroy, J.-P. *see* Briquet, P. 99854
Godeke, A. *see* ten Haken, B. 95557
Goderre, G. *see* Holt, J.A. 79944
Goderre, G.P. *see* Martens, M.A. 79941
Godet, C., Roca i Cabarrocas, P. Role of Si–H bonding in a-Si:H metastability 83795
Godet, C. *see* Vignoli, S. 94401
Godfrey, A. *see* Panosh, M. 67676
Godfrey, G. *see* Fieguth, T. 100708
Godfrey, K.W. *see* Wang, G.M. 75411
Godfried, H.P. *see* Offerhaus, H.L. 85407
Godhwani, A., Basler, M.J. A digital excitation control system for use on brushless excited synchronous generators 111931
Godic, J., Zovko-Cihlar, B. Protection from transient disturbances in communication circuits on ships 87523
Godickemeier, M., Sasaki, K., Gauckler, L.J. Current-voltage characteristics of fuel cells with ceria-based electrolytes 81856
Godickemeier, M. *see* Sasaki, K. 81814
Godignon, P. *see* Fernandez, J. 94628
Godignon, P. *see* Flores, D. 63644
Godignon, P. *see* Flores, D. 63645
Godignon, P. *see* Vellvehi, M. 82938
Godin, O.A., Mikhin, D.Yu., Mokhov, A.V. Acoustic tomography of ocean currents by the matched nonreciprocity method 101565
Godin, T. *see* Reich, S. 88974
Godinho, A. *see* Sousa Pereira, A. 110821
Godlewski, J.R. *see* Short, T.A. 122110
Godlewski, M., Surma, M., Karczewski, G., Jaroszynski, J., Wojtowicz, T., Kossut, J., Bergman, J.P., Monemai, B. Exciton dynamics in MBE grown CdTe/CdMnTe multiple quantum wells 74403
Godlewski, M. *see* Ivanov, V.Yu. 105170
Godlewski, M. *see* Wojtowicz, T. 72760
Godlewski, P. *see* Dropmann, U. 88331
Godlewski, P. *see* Gagnaire, M. 108859
Godlewski, P. *see* Lagrange, X. 119003
Godlewskia, M., Bergman, J.P., Monemar, B., Rossner, U., Barski, A. Time-resolved photoluminescence studies of GaN epilayers grown by gas source molecular beam epitaxy on an AlN buffer layer on (111) Si 114594
Godlove, T.F., Bernal, S., Reiser, M. Printed-circuit quadrupole design 89914
Godlove, T.F., Len, L.K., Mako, F.M., Black, W.M., Sloth, K. Pulse modulators for ion recirculator cells 90227
Godone, A. *see* Beverini, N. 68961
Godone, A. *see* Castelletto, S. 89072
Godot, J.C. *see* Bossart, R. 89668
Godot, J.C. *see* Bossart, R. 94181
Godoy, A. *see* Jimenez-Tejada, J.A. 94230
Godoy, A. *see* Palma, A. 94231
Godsalve, C. Simulation of ATSR-2 optical data and estimates of land surface reflectance using simple atmospheric corrections 111167
Godshalk, E.M., Burr, J., Williams, J. An air coplanar probe 69479
Godsill, S.J. *see* Kokaram, A.C. 67324
Godskesen, J.C. A formal framework for feature interaction with emphasis on testing [telecommunications systems] 67620
Godtliebsen, F. *see* Sebastiani, G. 80265
Godts, P., Machut, C., Camberlein, L., Leclercq, D. Peltier effect for measurement of fluid thermal property–application for designing new thermal sensors 69551
Godts, P., Raucoules, F., Sakly, S., Polet, F. A new self calibrating radiation planar microsensor. Application to contactless temperature measurement 110141
Godts, P. *see* Gaviot, E. 69027
Godwin, C.A. *see* Hernandez, O.J. 61939
Godwin, J.D. *see* Crawford, C.R. 80270
Godwin, J.D. *see* Ritchie, C.J. 80271
Godwin, L.M. *see* Jones, T.D. 90734
Godyak, V.A. *see* Alexandrovich, B.M. 71892
Godyak, V.A. *see* Alexandrovich, B.M. 112599
Goebel, B., Wang, L.L., Tschudi, T. Multilayer technology for diffractive optical elements 96805
Goebel, D.M. Cold-cathode, pulsed-power plasma discharge switch 121797
Goebel, E.O. *see* Hellmann, R. 74401
Goebel, E.O. *see* Hopmeier, M. 75699
Goebel, R., Kohler, R., Pello, R. Some effects of low-power ultraviolet radiation on silicon photodiodes 89075
Goebel, R., Yilmaz, S., Kohler, R. Stability under vacuum of silicon trap detectors and their use as transfer instruments in cryogenic radiometry 99999
Goebel, R. *see* Kohler, R. 89067
Goebel, R. *see* Kohler, R. 89079
Goebel, U. *see* Boheim, M. 62324
Goebel, U. *see* Guttich, U. 83445
Goebel, U. *see* Guttich, U. 83465
Goedermans, J. Networking: Customer network management, a value-added service 118252
Goedgebuer, J.-P., Merolla, J.-M. Classical and quantum coherence modulation 88532
Goedgebuer, J.-P. *see* Chollet, F. 85397
Goedgebuer, J.-P. *see* Hauden, J. 88537
Goeke, M. *see* Mosanya, E. 73050
Goel, B. *see* Baumung, K. 110480
Goel, J., Mandl, P. Real-time spatial digital filtering using ACUITY image resizing technology 87224
Goel, J., Onak, G., Stones, D.I., Yamauchi, D., Sharma, A., Tan, K., Mancini, J. High power V-band power amplifier using PHEMT technology 83466
Goel, L., Lie, T.T., Maswood, A.I., Shrestha, G.B. Enhancing power engineering education through the use of design modules 92092
Goel, L., Tao, C.M., Osman, Z.B. Software modeling of electric sub-transmission systems for educational purposes 101728
Goel, M., Naylor, D. Analysis of design strategies for Dammann gratings 96827
Goel, M., Rajan, B.S. A decoding algorithm for linear codes overs Z_4 66451
Goel, M. *see* Zaman, P. 106179
Goel, N. *see* Das, S.R. 93338
Goel, N.S., Qin, W. From leaf to scene: scaling problems in remote sensing of vegetation 111131
Goel, S. *see* Shunge Li 67871
Goel, T.C. *see* Tripathi, A. 116620
Goel, T.C. *see* Vishnoi, G. 69224
Goel, V., Brambrink, A.M., Baykal, A., Koehler, R.C., Hanley, D.F., Thakor, N.V. Dominant frequency analysis of EEG reveals brain's response during injury and recovery 120436
Goeldel, C. *see* Betin, F. 91798
Goeldel, C. *see* Depernet, D. 91799
Goeller, L. Generating understanding of technology 92091
Goeller, R. *see* Cooke, B. 109802
Goellner, G.J. *see* Boucher, R.H. 79442
Goemans, M.X. A supermodular relaxation for scheduling with release dates 113173
Goepfert, I.D. *see* Grieshaber, W. 116218
Goepfert, I.D. *see* Moustakas, T.D. 104058
Goerg, P. *see* Froidure, J.-C. 78834
Goerger, P. *see* Gomez, T. 121498
Goerigk, G. *see* Binder, M. 94257
Goering, R., Possner, T., Messerschmidt, B. Gradient index micro lenses for laser diode applications 107429
Goeringer, F. *see* Zajtchuk, R. *(editor)* 72073
Goerke, C. *see* Lehmann, T.M. 108639
Goerlitzer, M., Beck, N., Torres, P., Meier, J., Wyrsch, N., Shah, A. Ambipolar diffusion length and photoconductivity measurements on "midgap" hydrogenated microcrystalline silicon 116206
Goerlitzer, M. *see* Shah, A. 94411
Goerlitzer, M. *see* Wyrsch, N. 94388
Goeroeg, T. *see* Mucchino, C. 61159
Goers, U.-B. Laser remote sensing of sulfur dioxide and ozone with the mobile differential absorption lidar ARGOS 90804
Goers, W. Reworking BGAs–a joint concern 60628
Goertz, S. *see* Dutz, H. 120108
Goertzen, B.J., Mitkas, P.A. Volume holographic storage for large relational databases 115993
Goertzen, B.J., Richling, K.G., Mitkas, P.A. Implementation of a volume holographic database system 84960
Goes, F.M.L.Van Der *see* Van Der Goes, F.M.L.
Goes, J., Vital, J.C., Franca, J.E. An analogue self-calibration technique for high-resolution video-rate pipelined A/D converters 93509
Goes, J., Vital, J.C., Franca, J.E. A CMOS 4-bit MDAC with self-calibrated 14-bit linearity for high-resolution pipelined A/D converters 104628
Goesele, U. *see* Tong, Q.-Y. 114851
Goesele, U.M. *see* Tan, T.Y. 62890

Goessel, M., Sogomonyan, E.S. A parity-preserving multi-input signature analyzer and its application for concurrent checking and BIST 83092
Goessel, M. *see* Saposhnikov, Vl.V. 104473
Goessling, C., Kaiser, B., Rolf, A., Wunstorf, R., Andricek, L., Hauff, D., Kemmer, J., Krisch, S., Lutz, G., Richter, R.H., Weiss, R. Irradiation tests of double-sided silicon strip detectors optimized for the ATLAS-inner-detector-region 110549
Goette, J. *see* Dousse, C. 88305
Goettig, S. *see* Borowik, P. 83918
Goetting, E. *see* Fawcett, B. 113856
Goetz, A. *see* Lockyer, A.J. 120932
Goetz, I. The impact on speech quality of combining terrestrial & satellite mobile systems 88178
Goetz, I. Mobile network transmission quality 109375
Goetz, I. *see* Button, J. 99375
Goetz, K. *see* Velikov, D. 115046
Goetz, K. *see* Velikov, D. 115085
Goetz, M. *see* Bluethner, K. 95083
Goetz, M.A. *see* Cotter, J.E. 112375
Goetz, M.P. Time and frequency domain analysis of integral decoupling capacitors 93956
Goetz, M.P. *see* Tarter, T.S. 92229
Goetze, W. *see* Furstenau, N. 70420
Goff, A.Le *see* Le Goff, A.
Goff, E.Le *see* Le Goff, E.
Goffeney, N. *see* Giordanot, G. 89673
Goforth, D.E., Morse, L.R., Gulati, S.T. Lead extraction from CRT glasses 82354
Goforth, J. *see* Earley, L. 82906
Gofuku, E. *see* Ouchida, H. 89332
Gogel, E.O. *see* Feldmann, J. 62864
Gogineni, S., Demarest, K., York, J. Development of a modern undergraduate microwave laboratory 60468
Gogineni, S., Kanagaratnam, P., Jezek, K. Ultra-wideband radar measurements over bare and snow-covered saline ice 120859
Gogineni, S. *see* Beaven, S.G. 111283
Gogineni, S.P. *see* Beaven, S.G. 111259
Gogineni, S.P. *see* Zabel, I.H.H. 80666
Goglia, P. *see* Yufeng Li 115692
Goglione, R. *see* Fierro, F. 72713
Gogoasa, I., Murphy, M., Szajman, J. An extrinsic optical fibre speed sensor based on cross correlation 100076
Gogoi, B.P. *see* Man, P.F. 74890
Gogolev, Yu.A. A new reversible image detector 64606
Gogoleva, N.G., Gorbunov, V.A. Modelling of chirped pulse amplification laser 116430
Gogolides, E. *see* Grigoropoulos, S. 63359
Gogolides, E. *see* Rhallabi, A. 104088
Gogolla, T. *see* Garus, D. 110191
Goguenheim, D. *see* Vuillaume, D. 105955
Goh, C.J., Yang, X.Q. Analytic efficient solution set for multi-criteria quadratic programs 72558
Goh, C.J. *see* Dragomir, S.S. 92486
Goh, G.P. *see* Leslie, A.J. 106121
Goh, K.L., Liew, S.C., Hasegawa, B.H. Energy dependent systematic errors in dual-energy X-ray CT 101263
Goh, L.C. *see* Ang, G.L. 72301
Goh, T. *see* Birch, K. 78804
Goh, W. *see* Teng, E. 115755
Goh, W.B. *see* Ong, S.L. 86645
Goh, W.L., Campbell, D.L., Armstrong, B.M., Gamble, H.S. Buried metallic layers with silicon direct bonding 63460
Goh, W.L. *see* Goyal, R.K. 98143
Goh, W.L. *see* Kishor, G.R. 67150
Goh Chon-Huat *see* Chon-Huat Goh
Goh Jin-Ghee *see* Jin-Ghee Goh
Goh Jing Sua *see* Kumar, S. 72303
Goh Jing Sua *see* Yang Ji-Chen 112917
Goh Jing Sua *see* Jing Sua Goh
Goh Say Song *see* Say Song Goh
Goh Wee-Leng *see* Wee-Leng Goh
Gohara, Y. *see* Tomitani, H. 100255
Gohda, A. *see* Umimoto, H. 74813
Gohda, S. *see* Miyake, K. 99323
Gohda, W. *see* Uota, T. 78161
Gohen, G. *see* Carpentier, P. 70803
Gohier, R. *see* Palmier, D. 106320
Gohko, H. *see* Sakata, Y. 78404
Gohl, A. *see* Pupeter, N. 74030
Gohl, A. *see* Pupeter, N. 83706
Gohl, A. *see* Pupeter, N. 119977
Gohma, M. *see* Shirai, S. 89277
Goia, D., Mehta, M., Cormier, R., Crucilla, K., Spang, D., Burn, I., Adrian, B. Low lay-down Pd-Ag electrode systems for multilayer ceramic capacitors 93960
Goiran, M. *see* Ressier, L. 74369
Goix, M. *see* Danielsen, S.L. 88636
Goix, M. *see* Danielsen, S.L. 99559
Goix, M. *see* Joergensen, C. 88595
Gokan, H., Urai, H., Toki, K., Ohashi, K. Magnetoresistive head technology for high density hard disk drive 115861
Gokani, S., Clare, J.C., Bradley, K.J., Christopoulos, C., Ran, L. EMC measurements and simulation in variable speed drives 122006
Gokani, S. *see* Christopoulos, C. 76494
Gokdemir, T. *see* Wang, Q.H. 73787
Goke, T. *see* Blume, D. 70867
Gokeler, U.K. Monitor 'volatiles' on-line continuously, automatically 71018
Gokhale, A., Schmidt, D.C. Measuring the performance of communication middleware on high-speed networks 118416
Gokhale, M.R., Bao, K.X., Healey, P.D., Jain, F.C., Ayers, J.E. Factors influencing low-temperature photo-assisted OMVPE growth of ZnSe 103855
Gokhale, R. *see* Tzi-Hsiung Shu 61981
Gokhale, R. *see* Tzi-Hsiung Shu 114023
Gokmen, M., Jain, A.K. $\lambda\tau$-space representation of images and generalized edge detector 86451
Gokstorp, M., Danielsson, P.-E., Sanbao Xu A generalized model for optical flow 98000
Goksu, H.Y. *see* Bulur, E. 110963
Goktun, S. Finite-time optimization of a solar-driven heat engine 111844
Goktun, S. Optimal performance of a thermoelectric refrigerator 122093
Gola, A. *see* Baschirotto, A. 95215
Gola, M., Kasprzak, A. An exact algorithm for capacity and flow assignment in wide area computer networks 98786
Golabek, A., Wisniewski, P. A reliability model of combustion engine 60707
Golacki, Z. *see* Mahoukou, F. 83839
Golak, I., Bal, G., Elmas, C. Review of the testing methods for full-load temperature rise testing of induction machines 81443
Golam Chowdhury *see* Bernadas, S. 79200
Golan, Y., Hutchison, J.L., Rubinstein, I., Hodes, G. Epitaxial size control by mismatch tuning in electrodeposited Cd(Se,Te) quantum dots on {111} gold 114789
Golan, Y., Ter-Ovanesyan, E., Manassen, Y., Margulis, L., Hodes, G., Rubinstein, I., Bithell, E.G., Hutchison, J.L. Electrodeposited quantum dots. IV. Epitaxial short-range order in amorphous semiconductor nanostructures 62903
Golant, K.M. *see* Bogatyrjov, V.A. 75508
Golant, K.M. *see* Bogatyrjov, V.A. 106812
Golant, K.M. *see* Dianov, E.M. 75439
Golant, K.M. *see* Griscom, D.L. 85004
Golaski, L., Ono, K. Acoustic emission analysis of laminate failure mechanisms with reference to failure criteria 113612
Golay, M.W. *see* DuBord, R. 81209
Golba, G.A. *see* Kawecki, T.G. 95614
Golban, I.M., Novak, S.A. On the digital simulation of electron transitions in semiconductors 115128
Gold, A., Calmels, L. Valley- and spin-occupancy instability in the quasi-one-dimensional electron gas 83922
Gold, C. *see* Sereno, N.S. 89763
Gold, M. *see* Zimmermann, S. 79258
Gold, M. *see* Zimmermann, S. 100857
Gold, S., Rangarajan, A. A graduated assignment algorithm for graph matching 60835
Gold, S., Rangarajan, A. Graph matching by graduated assignment 86388
Gold, S., Rangarajan, A. Graduated assignment graph matching 103664
Gold, S., Rangarajan, A. Softmax to softassign: neural network algorithms for combinatorial optimization 103701
Gold, S.H., Fliflet, A.W., Hafizi, B. Recent results from the NRL X-band magnicon amplifier experiment 62226
Gold, S.H., Kinkead, A.K., Fliflet, A.W., Hafizi, B. Initial operation of an X-band magnicon amplifier experiment 100423
Gold, S.H., Kinkead, A.K., Fliflet, A.W., Hafizi, B., Manheimer, W.M. Initial operation of a high-power frequency-doubling X-band magnicon amplifier 105019
Gold, S.H. *see* Fliflet, A.W. 62603
Gold, S.H. *see* Fliflet, A.W. 105020
Gold, S.H. *see* Hafizi, B. 62610
Gold, V.E., Chenoweth, D.L., Selvage, J.E. Image segmentation using modified neural network techniques 66908
Gold, V.E. *see* Selvage, J.E. 86718
Goldbacher, A. Miniature and surface mounting capacitors 114346
Goldberg, B., Low, S.J., Lewis, L.D. Transforming the patient experience through telemedicine 87876
Goldberg, B.-G. Digital frequency synthesis. 1. Reviewing various techniques for synthesizing signals 82985
Goldberg, B.-G. Digital frequency synthesis. 2. Enhancing the performance of DDS signal sources 82987
Goldberg, B.-G. Generate precise RF signals with phase-locked loops 93168
Goldberg, B.B. *see* Unlu, M.S. 65269
Goldberg, D.A., Irwin, M., Rimmer, R.A. Measurement and analysis of higher-order-mode (HOM) damping in B-factory R-F cavities 100667
Goldberg, D.E. *see* Weile, D.S. 107842
Goldberg, E. *see* Biagtan, E. 100801
Gol'dberg, E.Ya. *see* Akhin'ko, I.A. 63959
Goldberg, F.N. *see* Murphy Bakes, C. 109053
Goldberg, J., Ridgeway, D. Xilinx EPLDs: the Dual Block Architecture 61752
Goldberg, J.M. The future is self-test [PCBs] 92154
Goldberg, J.S., Hoagland, A.S., Monson, J.E. Calculating final transition widths using an Augmented Williams-Comstock model 115821
Goldberg, K.A. *see* Medecki, H. 119923
Goldberg, L. Cable modems: the journey from hype to hardware 67984
Goldberg, L. One-chip power amps: a new option for cellular and PCS 82955
Goldberg, L. Fast Ethernet matures with second-generation products 87679
Goldberg, L. Designing for manageability: a bottom-up approach 108839
Goldberg, L., Burns, W.K. Deep UV to mid-IR generation with laser diodes and nonlinear frequency conversion 65516
Goldberg, L., Ripin, D.J. High-efficiency side-coupling of light into double-cladding fibers using imbedded v-grooves 75447
Goldberg, L. *see* Malin, J.I. 65334
Goldberg, L. *see* Malin, J.I. 96263
Goldberg, L. *see* Petrov, K.P. 116632
Goldberg, L.A., Goldberg, P.W., Phillips, C.A., Sorkin, G.B. Constructing computer virus phylogenies 98253
Goldberg, P.W. *see* Goldberg, L.A. 98253
Goldberg, R. *see* Koteles, E.S. 65366
Goldberg, R.B. Literature resources for understanding biological effects of EM fields 90643
Goldberg, R.D. *see* He, J.-J. 85504
Goldberg, R.D. *see* Labrie, D. 94691
Goldberg, R.D. *see* Poole, P.J. 85321
Goldberg, R.D. *see* Poole, P.J. 96038
Golden, B. *see* Xiaoyun Sun 73897
Golden, C. *see* Boiarski, A.A. 100154
Golden, E. *see* Conrad, P.T. 87408
Golden, J. *see* Hubbard, R.F. 61415
Golden, R.L. *see* Barbiellini, G. 69722
Goldenberg, B. *see* Fischer, A.J. 116706
Goldenberg, B. *see* Song, J.J. 96330
Goldenberg, B.L. *see* Akinwande, A.I. 73950
Goldenberg, M. *see* Boos, J.B. 106061
Goldenberg, M. *see* Kruppa, W. 104826
Goldenberg, M. *see* Tuttle, G.T. 75262
Goldfarb, D., Zhiying Jin A faster combinatorial algorithm for the generalized circulation problem 113182
Goldfarb, M., Celanovic, N. Behavioral implications of piezoelectric stack actuators for control of micromanipulation 75065
Goldfarb, S.I. *see* Rosenbaum, R.L. 77746
Goldfetter, W. *see* Van Slyke, M.A. 110866
Goldgof, D. *see* Jiang, X.Y. 86854
Goldgof, D.B. *see* Hoover, A. 97881
Goldhar, J. *see* Butler, D.L. 65513
Goldhar, J. *see* Rush, D.W. 96824
Goldie, D.J. *see* Booth, N.E. 90155
Goldie, D.J. *see* Peacock, A. 99994
Goldin, A. *see* Kowitt, M.S. 119668
Golding, T.D. *see* Meyer, J.R. 63108
Golding, T.D. *see* Zborowski, J.T. 74322
Goldman, A.M. *see* Chandrasekhar, N. 64532
Goldman, A.M. *see* Vas'ko, V.A. 61196
Goldman, A.M., Jr., Ozkul, A. INTELSAT-K launch vehicle considerations 101474
Goldman, J. An ideal couple: the PC and ATE 88926
Goldman, M. *see* Velikov, D. 115046
Goldman, M. *see* Velikov, D. 115085
Goldman, M.A. *see* Trbojevic, D. 89911
Goldman, P.J. *see* Kahle, C.F., II 104953
Goldman, S.R. *see* Sharp, D.L.M. 82116
Goldman, T. *see* Holzscheiter, M.H. 79984
Goldmann, L.S. Statistical model for the inherent tilt of flip-chips 60629
Goldmann, L.S. A model for deformation of solder bumps from ramp loading 60633
Goldner, E.L. *see* Dahlen, N.J. 80705
Goldner, R.B., Liu, T.-Y., Slaven, S. A transient method for measuring diffusion coefficients of thin film battery electrodes. Results for Li_yCoO_2 and Li_xC_6 thin films 81711
Goldreich, O., Kahan, A. How to construct constant-round zero-knowledge proof systems for NP 117162
Goldreich, O. *see* Canetti, R. 97467
Golds, A. *see* Kendall, K. 81772
Goldschlag, D.M. Several secure store and forward devices 77838
Goldschmidt, O. *see* Gang Yu 82434
Gol'dshtein, M.E., Klingen, I.E. Design software for the current-bearing components of a multiampere converter 121647
Goldsman, N. *see* Wenchao Liang 84283
Goldsmith, A. *see* Soon-Ghee Chua 108117
Goldsmith, A.J., Varaiya, P.P. Capacity, mutual information, and coding for finite-state Markov channels 66286
Goldsmith, B.J., Adams, R. Digital video distribution and transmission 109895
Goldsmith, C., Randall, J., Eshelman, S., Lin, T.H., Denniston, D., Chen, S., Norvell, B. Characteristics of micromachined switches at microwave frequencies 95220
Goldsmith, J.E.M. *see* Bisson, S.E. 111210
Goldsmith, P.F. The second Arecibo upgrade 109841
Goldsmith, P.F., Baker, L.A., Davis, M.M., Giovanelli, R. Multi-feed systems for the Arecibo Gregorian 68790
Goldspink, G.F. *see* Sotoudeh, N. 97973
Goldstein, E.L., Eskildsen, L. Erbium-doped fiber amplifiers for multiwavelength lightwave networks: impact of the non-flat gain spectrum 85386
Goldstein, H. *see* Collura, J. 99320
Goldstein, I. *see* Danielsen, S.L. 99559
Goldstein, J. *see* Benson, S.V. 96445

Goldstein, J. *see* Benson, S.V. 107358
Goldstein, J.C. *see* Chan, K.C.D. 76065
Goldstein, J.L.F., Logan, E.A., Femandez, B.S. Fluxless flip-chip for multichip modules 62522
Goldstein, J.L.F., Tuckerman, D.B., Kim, P.C., Fernandez, B.S. A novel flip-chip process 94117
Goldstein, L. *see* Danielsen, S.L. 88636
Goldstein, L. *see* Gentner, J.-L. 63314
Goldstein, L. *see* Gentner, J.-L. 105633
Goldstein, L. *see* Ils, P. 62921
Goldstein, L. *see* Joergensen, C. 88595
Goldstein, L. *see* Teale, P. 101299
Goldstein, L. *see* Wang, K.H. 62986
Goldstein, M. *see* Johnson, M. 118323
Goldstein, S.R. *see* Kidder, L.H. 110200
Goldstein, Y. *see* Savir, E. 114571
Goldszal, A.F., Tretiak, O.J., Liu, D.D., Hand, P.J. Multimodality multidimensional image analysis of cortical and subcortical plasticity in the rat brain 70029
Goldweber, M., Johnson, D.B. Minimizing access costs in replicated distributed systems 98472
Gole, A. *see* Sadek, K. 111571
Gole, A.M., Mazur, G.B. Modeling of HVDC controls on Electromagnetic Transients programs 91114
Gole, A.M., Mazur, G.B., Nayak, O.B. Application of control sensitivity indices to HVDC controller tuning 91113
Gole, A.M., Nayak, O.B., Sidhu, T.S., Sachdev, M.S. A graphical electromagnetic simulation laboratory for power systems engineering programs 60460
Gole, A.M. *see* Bodger, P.S. 70645
Gole, A.M. *see* Irwin, G.D. 111490
Gole, A.M. *see* Mohaddes, M. 81552
Gole, A.M. *see* Nayak, O.B. 81022
Gole, A.M. *see* Wachal, R.W. 81019
Gole, J.L. *see* Dudel, F.P. 116215
Gole, J.L. *see* Grantier, D.R. 107050
Goledzinowski, M. *see* Hill, I.R. 81664
Golembo, V., Bochkariov, A. Piezoquartz transducers parameters improvement: theoretical approaches and practical realization principles 110123
Golenitski, I.I. *see* Gapochka, M.G. 94197
Golestin, J.M. *see* Crochet, Y. 87614
Goletti, C. *see* Fanfoni, M. 105441
Golev, I.M. *see* Miloshenko, V.E. 89507
Golhar, D.Y. *see* Ahire, S.L. 82284
Goli, J., Smits, J.G., Ballato, A. Dynamic matrix of end-loaded piezoelectric bimorphs 115453
Golic, J.D. On the security of nonlinear filter generators 66513
Golic, J.D. Correlation properties of a general binary combiner with memory 66527
Golic, J.D. Fast low order approximation of cryptographic functions 76832
Golic, J.D. Constrained embedding probability for two binary strings 108154
Golic, J.D. Computation of low-weight parity-check polynomials 113061
Golic, J.D. *see* Clark, A. 66511
Golik, L.L., Kunkova, Z.E., Aminov, T.G., Shabunina, G.G. Optical absorption and photoconductivity of ZnCr$_2$S$_4$ single crystals 64903
Golikov, A.M. *see* Akulinichev, Yu.P. 80632
Golikov, I. *see* Vorobiova, A. 95427
Golin, M. *see* Choi, V.S.-N. 117194
Golinelli, P., Varani, L., Reggiani, L. Generalization of thermal conductivity and Lorenz number to hot-carrier conditions in nondegenerate semiconductors 94288
Golinescu, N. *see* Sargent, E.H. 96376
Golinval, J.-C. *see* Slangen, P. 79728
Golis, E., Kityk, I.V., Wasylak, J., Kasperczyk, J. Nonlinear optical properties of lead-bismuth-gallium glasses 107597
Golkar, M.A., Jalali, D., Berahmand-Pour, H. Optimal placement of static VAr compensators in power system for stability improvement 101890
Golkar, M.A., Toosi, K.N. Loss calculation in distribution systems by a new probabilistic method 102115
Golkar, M.A., Toosi, K.N. A new method for load flow study in radial distribution systems 102116
Golkowski, Cz. *see* Naqvi, S. 100472
Golla, D., Knoke, S., Schone, W., Bode, M., Tunnermann, A., Welling, H. High-power CW Nd:YAG lasers pumped with fiber-coupled diode lasers 96199
Gollamudi, S., Yih-Fang Huang Updator-shared adaptive parallel equalization (U-SHAPE) using set-membership identification 117420
Gollamudi, S. *see* Yih-Fang Huang 97694
Goller, G. *see* Stachetti, V. 80561
Goller, G. *see* Stachetti, V. 111050
Golles, M. *see* Uzonov, I.M. 64658
Gollihar, W.A. *see* Kennedy, C.J. 70078
Gollin, G. *see* Bergfeld, T. 100977
Gollman, D. *see* Jianying Zhou 77743
Gollmann, D. What do we mean by entity authentication? 76751
Gollmann, D. *see* Liqun Chen 108838
Gollmann, D. *(editor)* Fast Software Encryption. Third International Workshop Proceedings 60390
Gollmer, K., Posten, C. Supervision of bioprocesses using a dynamic time warping algorithm 103483
Gollnick, F. *see* Wolke, S. 70266
Golly, S. *see* Kalcher, J. 120535
Golmie, N. *see* Chang, Y. 109292
Golnabi, H., Ashrafi, A. Phase-shift generation and monitoring by a simple circuit 62082
Golo, G., Milosavljevic, C. Parabolic and triangular wave oscillator with sliding mode 93181
Golob, R., Gubina, F. Power system contingency analysis–an improved technique based on Tellegen theorem 121065
Golob, R. *see* Gubina, F. 80858
Goloborod'ko, V.T., Gur'ev, N.V., Kashtan'er, V.L., Kupko, A.D., Nazarenko, L.A. Radiometric method of constructing a thermodynamic temperature scale 68950
Golodnikov, A. *see* Messner, S. 91258
Golodnitsky, D. *see* Peled, E. 81694
Golodnitsky, D. *see* Peled, E. 112294
Golomb, S.W. Extremal polyphase sequences 66231
Golomb, S.W. *see* Moreno, O. 68710
Golomb, S.W. *see* Ning Chang 76690
Golonka, L.J., Licznerski, B.W., Nitsch, K., Teterycz, H. Thick film humidity sensors based on different materials 89032
Goloskokov, Yu.V. *see* Glikman, L.G. 79889
Goloskokov, Yu.V. *see* Glikman, L.G. 110492
Golosovsky, M., Galkin, A., Davidov, D. High-spatial resolution resistivity mapping of large-area YBCO films by a near-field millimeter-wave microscope 100266
Goloubkoff, M. *see* Murgulescu, M.-H. 62156
Golovachev, S. *see* Liberman, B. 120883
Golovanov, C., Cepisca, C., Vlaicu, C. Actual tendencies in measurements and instrumentation 79201
Golovanov, C., Vlaicu, C. The electronic analog multipliers in solid-state watthour meters 121246
Golovanov, L.B. *see* Anischenko, N.G. 120106
Golovanov, L.B. *see* Bazhanov, N.A. 69699
Golovanova, L. *see* Narayanan, R. 95024
Golovanova, L. *see* Narayanan, R. 106048
Golovchenko, E.A., Pilipetskii, A.N., Menyuk, C.R. Limitations imposed by Fabry-Perot sliding filters on soliton WDM transmission 85666
Golovchenko, E.A. *see* Arend, M.F. 75498
Golovchenko, O.P. *see* Poustylnik, O.D. 95049
Golove, W.H., Schipper, L.J. Long-term trends in US manufacturing energy consumption and carbon dioxide emissions 91977
Golovin, A.S., Gurashvili, V.A., Kochetov, I.V., Kuz'min, V.N., Kurnosov, A.K., Napartovich, A.P., Turkin, N.G. Continuous-wave electron-beam-stabilised CO laser with subsonic flow of the active medium 75805
Golovin, S.V., Gorshkov, A.V., Bovina, L.A., Boltar', K.O., Stafeev, V.I. Properties of epitaxial Cd$_x$Hg$_{1-x}$Te layers grown from the vapor phase in a quasi-closed system 95984
Goloviznin, V.V., van Amersfoort, P.W. Small-signal gain in a gas-loaded FEL 96452
Goloviznin, V.V., van Amersfoort, P.W. Ultrahigh harmonic generation in a FEL with a seed laser 96532
Golovkin, S. *see* Martellotti, G. 80122
Golovkin, S.V., Medvedkov, A.M., Dalinenko, I.N., Kossov, V.G., Lazovsky, L.Yu., Malyarov, A.V., Vishnevsky, G.I., Frenkel, A., Martellotti, G., Penso, G., Fedorov, V.Yu., Kalashnikova, N.N., Fabre, J.P., Kozarenko, E.N., Kreslo, I.E. A new tool for high resolution multichannel readout: megapixel electron-bombarded CCD image zoom tube 80125
Golovkin, S.V. *see* Dalinenko, I.N. 79524
Golovkin, S.V. *see* Dalinenko, I.N. 100094
Golovkin, V.F. *see* Babintsev, V.V. 120185
Golovko, O.Yu. Computational elements built of nondissipative logic-dynamic systems 61858
Golovlev, V.V., Winston Chen, C.H., Garrett, W.R. Heat to light energy conversion by emitters doped with rare-earth metal ions 91738
Golovlyov, V.V., Garrett, W.R., Chen, C.H. Dynamics of optical damage of thin aluminum film irradiated by picosecond laser pulses 65418
Golovnin, I.V., Dryakin, E.V., Konovalov, A.N., Kravtsov, N.V., Laptev, G.D., Makarov, A.A. Frequency sweeping of radiation in a system with a monolithic laser and a pulsed slab amplifier 85445
Golpayegani, S.M.R.H. *see* Bathaee, S.M.T. 101867
Golriz, M.R. Suspension-to-wall heat transfer in a 12-MW$_{th}$ circulating fluidized-bed combustor 91348
Golshani, A., Kock, A., Freisleben, S., Gmachl, C., Gornik, E., Korte, L. Adjustable surface emission from AlGaAs/GaAs laser diodes based on first-order-grating coupled surface mode emission 116535
Golshani, A. *see* Gmachl, C. 65325
Golshani, A. *see* Kock, A. 96255
Golshani, F. *see* Murphy, M.C. 109938
Golstein Brouwers, W.van *see* van Golstein Brouwers, W.
Golston, J. Single-chip H.324 videoconferencing 93480
Goltser, I.V. *see* Kao, Y.-H. 107321
Goltsev, A. An assembly neural network for texture segmentation 77383
Gol'tsman, G. *see* Kawamura, J. 115972
Gol'tsman, G.N. Terahertz technology in Russia 62141
Gol'tsman, G.N. *see* Semenov, A.D. 84907
Gol'tsman, G.N. *see* Verevkin, A.A. 105288
Gol'tsman, G.N. *see* Voronov, B.M. 75293
Golub, G. *see* Taubin, G. 66789
Golub, I. Emission by a faster-than-light moving source 107513
Golub, I.I. *see* Gamm, A.Z. 101969
Golub, J.E. *see* Lann, A.F. 116456
Golub, K., Hajdinjak, M. EDACS: Digital access radio system for speech and data transmission in private and special networks 68046
Golub, K. *see* Hajdinjak, M. 68047
Golub, M.A., Duparre, M., Kley, E.-B., Kowarschik, R., Ludge, B., Rockstroh, W., Fuchs, H.-J. New diffractive beam shaper generated with the aid of e-beam lithography 76094
Golub, M.A. *see* Duparre, M. 96582
Golubchik, L., Lui, J.C.S., Muntz, R.R. Adaptive piggybacking: a novel technique for data sharing in video-on-demand storage servers 88824
Golubentsev, A.F., Anikin, V.M. Statistical model of cathodes with limited emissive resource 73934
Golubev, I.I. *see* Dolbilov, G.V. 96490
Golubev, I.I. *see* Fateev, A.A. 89608
Golubev, V. *see* Nikiforov, S. 90091
Golubev, V.S. Research of some new ways to improve the efficiency and optical quality of industrial CO$_2$-lasers 107114
Golubev, V.S. On possible models of hydrodynamical nonstationary phenomena in the processes of laser beam deep penetration into materials 107666
Golubev, V.S. *see* Galushkin, M.G. 107044
Golubev, V.S. *see* Galushkin, M.G. 107045
Golubev, V.S. *see* Galushkin, M.G. 107125
Golubev, V.S. *see* Galushkin, M.G. 107418
Golubev, V.S. *see* Vasiltsov, V.V. 107083
Golubkov, A.V. *see* Popov, V.V. 83890
Golubok, A.O. *see* Guryanov, G.M. 82626
Golubok, A.O. *see* Guryanov, G.M. 83938
Golubov, A.A. *see* Mielke, F. 64522
Golubov, A.A. *see* Uhlisch, D. 105455
Golubov, A.A. *see* Verhoeven, M.A.J. 95433
Golubovic, B. *see* Tearney, G.J. 120407
Golubovic, L. *see* Pavlovic, V. 110453
Golubovic, S. *see* Ristic, G. 80141
Golubyatnikova, E.R. *see* Bogomolov, Ya.L. 76051
Golulev, G.K. *see* Bassalygo, L.A. 117123
Golutvin, I.A. *see* Baturitsky, M.A. 120224
Goluvev, V.S. *see* Galushkin, M.G. 85366
Golwala, S. *see* Sadoulet, B. 100818
Golygin, A.F. *see* Berner, M.S. 103174
Golz, A., Horstmann, G., Stein von Kamienski, E., Kurz, H. Oxidation kinetics of 3C, 4H and 6H silicon carbide 105717
Golz, A. *see* Stein von Kamienski, E. 105510
Golz, S. *see* Wahrburg, J. 80459
Golzio, D. *see* Masetti, G. 93152
Gomaa, N.G. *see* Abboudy, S. 94358
Gomarasca, M.A. *see* Serpico, S.B. 120918
Gomariz, S. *see* Arias, J. 121659
Gomatam, B. *see* Domash, L.H. 96837
Gombert, A. *see* Forcht, K. 79734
Gombia, E. *see* Darmo, J. 120154
Gombia, E. *see* Dubecky, F. 120153
Gombia, E. *see* Fornari, R. 94370
Gomelsky, L. *see* Naval, L. 69183
Gomer, F.E. *see* Reinhart, W.F. 90711
Gomes, A.S.L., Demenicis, L., Petrov, D.V., de Araujo, C.B., de Melo, C.P., Souto-Maior, R. Time-resolved picosecond optical nonlinearity and all-optical Kerr gate in poly (3-hexadecylthiophene) 116678
Gomes, C.P., Smith, D., Westfold, S. Synthesis of schedulers for planned shutdowns of power plants 121273
Gomes, E.D. *see* Hoke, J.A. 80461
Gomes, J., Barroso, V. A super-exponential algorithm for blind fractionally spaced equalization 117912
Gomes, L.E.C. Telecom R&D focuses on immediate needs 87519
Gomes, M.R. *see* Girard, T.A. 80093
Gomes, N.J. *see* Callaghan, P. 93911
Gomes, T., Craveirinha, J., Tralhao, L. A study on efficiency improvement of a teletraffic performance simulator using variance reduction techniques 76671
Gomes, W.P. *see* Vermeir, I.E. 63278
Gomes Neto, A., da Rocha, C.S., Bajon, D., Baudrand, H. Analysis of the conductor-backed coplanar waveguide by an alternative formulation of the transverse resonance technique 93680
Gomes-Casseres, M., Fabis, P.M. Thermally enhanced plastic packages using diamond for microwave applications 82208
Gomes-Ruggiero, M.A., Kozakevich, D.N., Martinez, J.M. A numerical study on large-scale nonlinear solvers 72648
Gomez, B.Rodriguez *see* Rodriguez Gomez, B.
Gomez, C.M., Sanchez Mondragon, J.J., Stepanov, S., Vysloukh, V.A. One-dimensional vector spatial soliton in photorefractive crystal with drift nonlinearity: formation conditions and some properties 76128
Gomez, G., Siferd, R. An adaptive noise canceller implemented with CMOS analog technology 74826
Gomez, H. *see* Negreira, C.A. 106367
Gomez, I. *see* Luque, J. 70729
Gomez, I. *see* Luque, J. 98677
Gomez, J.L. *see* De Blas, P. 110867

Gomez, J.M.F. High frequency high bandwidth IF crystal filter designed for manufacturing 78432
Gomez, M.E. *see* Lucia, M.L. 75318
Gomez, P. *see* Rodellar, V. 114122
Gomez, R. *see* Tuttle, G.T. 75262
Gomez, R.D., Burke, E.R., Mayergoyz, I.D. Magnetic imaging in the presence of external fields: Technique and applications 84764
Gomez, R.D., Shih, M.C., New, R.M.H., Pease, R.F.W., White, R.L. Switching characteristics of submicron cobalt islands 84794
Gomez, T., Goerger, P., Farjon, A., Tholomier, M. Fuzzy logic control of an induction machine: a behaviourable approach 121498
Gomez, T. *see* Barbir, F. 112309
Gomez, T. *see* Barquin, J. 101718
Gomez, T. *see* de la Fuente, J.I. 101868
Gomez, Y., Rodriguez, L.F., Velazquez, A. The 43 GHz receivers for the VLA 119341
Gomez del Moral, J.B., Biglieri, E. Algorithms for blind identification of terrestrial microwave channels 88130
Gomez Ros, J.M., Delgado, A., Furetta, C., Scacco, A. Effects of simultaneous release of trapped carriers and pair production on fading in thermoluminescent materials during storage in radiation fields 64904
Gomez Vela, D. *see* Quiros Olozabal, A. 73083
Gomez-Aleixandre, C. *see* Sanchez-Garrido, O. 106293
Gomez-Cadenas, J.J., Hernando, J.A., Bueno, A. A neutrino apparatus with improved capabilities for a short baseline $\nu_\mu(\nu_e)\rightleftharpoons\nu_\tau$ search 110537
Gomez-Castafieda, F. *see* Flores-Nava, L.M. 104759
Gomez-Gesteira, M. *see* Munuzuri, A.P. 120469
Gomez-Lopez, M., Preece, J.A., Stoddart, J.F. The art and science of self-assembling molecular machines 114453
Gomez-Reino, C. *see* Bao, C. 95732
Gomez-Reino, C. *see* Bao, C. 116164
Gomez-Reino, C. *see* Forastiere, M.A. 95804
Gomez-Reino, C. *see* Srivastava, R. 79296
Gomez-Rojas, L., Greenhalgh, P.A., Davies, P.A. Multi-cavity optical filters using in-fibre Bragg gratings 64887
Gomez-Trevino, E. *see* Hidalgo, H. 90751
Gomi, H. *see* Cheng, C.S. 94375
Gomi, J., Fuda, M., Takahashi, M., Okuyama, S., Saito, I. Overview of COMETS experimental data relay and tracking system 78608
Gomi, K. *see* Sagara, T. 81299
Gomi, M. *see* Zhang, Q. 75148
Gomi, T. A highly efficient vision system for fast robot/vehicle navigation 86669
Gomi, T. *see* Nakajima, N. 72111
Gominski, J. Consortium's SG replacement hat-trick [reactor steam generators] 91297
Gomory, S. *see* Funda, J. 80410
Gompel, F.M.van *see* van Gompel, F.M.
Gompertz, M.J. *see* Nogaret, A. 63033
Gompertz, M.J. *see* Nogaret, A. 105416
Gon Kim Eon *see* Eon Gon Kim
Gon Kim Han *see* Han Gon Kim
Gon Oh Chae *see* Chae Gon Oh
Goncalves, A. *see* Barabino, M. 70967
Goncalves, A.J.C., Lemos, J.M. Modelling the fuel feed system of a thermoelectric power plant 81320
Goncalves, F.M. *see* De Sousa, J.T. 115307
Goncalves, J.A.C. *see* Bueno, C.C. 69763
Goncalves, J.G., Cabrita, C.P. The equivalent current sheet in linear induction motors. A new point of view 71351
Goncalves, J.G.M. *see* Ribeiro, M.I. 119878
Goncalves, M.E. The Foz Coa rock art case: towards a new relationship between science and policy making in Portugal? 92111
Goncalves, M.J.Dias *see* Dias Goncalves, M.J.
Goncalves, R.R.Jardim *see* Jardim Goncalves, R.R.
Goncalves, R.T., Filho, S.N., Schneider, M.C., Galup-Montoro, C. Programmable switched current filters using MOSFET-only current dividers 93557
Goncalves, R.T., Noceti Filho, S., Schneider, M.C., Galup-Montoro, C. Digitally programmable switched current filters 104696
Goncalves, V. *see* Gusmao, A. 66244
Goncalves Neto, L., Yunlong Sheng Optical implementation of image encryption using random phase encoding 116765
Goncharenko, A.M. *see* Sinitsyn, G.V. 85725
Goncharenko, I.A. *see* Grudinin, A.B. 96730
Goncharov, A.D. *see* Chumakov, S.N. 102854
Goncharov, A.D. *see* Sukhina, B.N. 79806
Goncharov, B.I., Kozyr', V.N., Nosovskii, A.V., Oskolkov, B.Ya., Fomin, V.V., Ivanov, E.A. Effective decrease of radioactive inert gas emissions from nuclear power plants with RBMK reactors 81204
Goncharov, I.N. *see* Baldin, A.M. 90061
Goncharova, V.F. *see* El'yach, S.L. 89611
Goncher, G. *see* Bo Lu 96284
Goncher, G.M., Schneider, R.P., Zolper, J.C. Efficient AlGaAs/GaAs vertical-cavity surface-emitting lasers (VCSELs) optimized for cryogenic operation at 6 K to 150 K 65322
Gonda, S. *see* Asahi, H. 96276
Gonda, S. *see* Hayashi, T. 94746
Gonda, S. *see* Iwata, K. 61202
Gonda, S. *see* Joo-Hyong Noh 83967
Gonda, S. *see* Kim, J.H. 62845
Gonda, S. *see* Kim, S.J. 105341
Gonda, S. *see* Seong-Jin Kim 105328
Gonda, S. *see* Yamamoto, K. 103874
Gondal, I., Kalam, A., Xia, L. Use of RLS identification for adaptive interference cancellation on PLC communication networks 109325
Gondard, C. *see* Mahaut, S. 101616
Gondermann, J. *see* Koster, T. 62812
Gondim, P.R.L. Genetic algorithms and the location area partitioning problem in cellular networks 118998
Gondo, K. *see* Takahashi, S. 89393
Gondo, S. *see* Yamasaki, A. 79585
Gondolo, P., Bergstroem, L. Direct detection of neutralino dark matter and $b\rightarrow s\gamma$ decays 80089
Gondran, C. *see* Shi-Qing Wang 84218
Gondusky, J. *see* McDonnell, D. 62429
Gonella, F. Characterization of Cu-Na ion-exchanged glass waveguides 85050
Gonella, F., Quaranta, A., Sambo, A., Caccavale, F., Mansour, I. Construction of glass waveguide refractive index profiles by the effective-index finite-difference method 75555
Gonella, F. *see* Caccavale, F. 95755
Gonella, F. *see* De Marchi, G. 75387
Gonella, F. *see* Mazzoldi, P. 85678
Gonen, E., Mendel, J.M. An iterative virtual-ESPRIT algorithm (IVESPA) 117483
Gong, F., Parulkar, G.M. An application-oriented error control scheme for high-speed networks 117260
Gong, G.Q. *see* Canedy, C.L. 75117
Gong, H. *see* Song, Z.G. 64141
Gong, J., Legault, S., Botros, Y., Volakis, J.L., Petre, P. Application and design guidelines of the PML absorber for finite element simulations of microwave packages 83351
Gong, J., Peck, J., Yuzheng Ding RASP: a general logic synthesis system for SRAM-based FPGAs 61559
Gong, J. *see* Kleinrock, L. 78920
Gong, L., Hagel, R., Zhang, K., Unbahauen, R. A semi-analytical method for evaluation of the 3D inhomogeneous induction heating of a moving hollow cylinder 82004
Gong, L., Unbehauen, R. The 3-D computations of edge induction heating using semi-analytical method and FEM 122097
Gong, L., Zhang, K., Unbehauen, R. 3-D anisotropic electrical impedance imaging 101398
Gong, M. *see* Chang, Z. 90243
Gong, S. *see* Wagner, W.E., III 113482
Gong, W.-B. *see* Zhai, W. 72529
Gong, W.G., Bellazzini, R., Brez, A., Raffo, R., Spandre, G. MSGCs with Pestov-glass coatings 90142
Gong, X., Suo, Z. Reliability of ceramic multilayer actuators: a nonlinear finite element simulation 61438
Gong, X.H. Connectedness of super efficient solution sets for set-valued maps in Banach spaces 103640
Gong, X.H. *see* Foo, C.F. 114354
Gong, X.Y., Makino, T., Kan, H., Mangyou, A., Aoyama, M., Yamaguchi, T., Kumagawa, M. Liquid phase epitaxial growth of multilayered $InAs_{1-y}Sb_y$(y=0.33) on InAs substrate and its mid-infrared device applications 92751
Gong, Y., Mo, Y., Zhou, Y., Zhou, X. Analysis for the double staggered ladder circuit 74077
Gong, Y., Owens, D.W., Weaver, J.H. Etching of double-height-stepped Si(100)-2×1: steps and their interactions 84171
Gong, Y. *see* Wang, W. 74066
Gong, Y.S., Jing-Cheng Lin, Chiapyng Lee Interdiffusion and reactions in the Cu/TiN/Si thin film system 63127
Gong, Z.X. *see* Jin, S. 114864
Gong Bangji *see* Bangji Gong
Gong Chang-De *see* Chang-De Gong
Gong Cheng, Cheng Sao-Qin, Cheng Ke-Qin Experimental research on 4 mm shaped beam antenna 76588
Gong Da-Wei *see* Da-Wei Gong
Gong Ge *see* Ge Gong
Gong Guoli, Zhang Peihong, Dong GuangYu, Dong Zhenhua The influence of SF6 and SF6/N2 dissociating products on the electrical performance of several insulating varnishes 64157
Gong Hai *see* Zhang Jian 79257
Gong Haimei *see* Wang Zhengqui 79663
Gong Huayang *see* Shen Baogen 64476
Gong Hui, Li Chengfu Comparison of ion exchange and CW CO_2 laser treatment of Nd-doped phosphate laser glass 106751
Gong Jeng *see* Jeng Gong
Gong Jian *see* Jian Gong
Gong Jianmin Theoretical analysis on a FEL-peniotron hybrid of high frequency and high efficiency 65374
Gong Jun, Zhou Nansheng, Zhang Yancao, Zhang Wenmin Electron waveguide of quantum wires 63801
Gong Jun *see* Jun Gong
Gong Junjie, Zhang Yuxing, Qiao Donghai, Chen Dongpei A high-resolution SAW CZT-based spectrometer 75066
Gong Li *see* Li Gong
Gong Lin *see* Lin Gong
Gong Ping, Du Li, Zhang Dawei, Guo Xiaohui, Liu Ying, Hou Xun, Jia Wei Synthesis of infra-red up-conversion materials by an improved flux method 95639
Gong San-Xia *see* San-Xia Gong
Gong Shaogang *see* Shaogang Gong
Gong Sungwon *see* Sungwon Gong
Gong Wei *see* Wei Gong
Gong Wei-Bo *see* Wei-Bo Gong
Gong Xiaobin *see* Xiaobin Gong
Gong Xiaowu, Gao Yumin, Luo Jinsheng 2-dimensional analysis and experiment of planar high-voltage device terminal 84025
Gong Yifan *see* Yifan Gong
Gong Yihong *see* Yihong Gong
Gong Yiming *see* Yiming Gong
Gong Yubin *see* Yubin Gong
Gong Yun *see* Yun Gong
Gong Zhiben *see* Wang Yingjian 116923
Gong-En Gu, Morrow, C., Shixiong Chen Studies of high efficient LBO crystal for high power Q-switched intracavity SHG Nd:YAG lasers 96677
Gong-Ru Lin, Wen-Chung Chen, Ganikhanov, F., Chang, C.-S., Ci-Ling Pan Effect of rapid thermal annealing on carrier lifetimes of arsenic-ion-implanted GaAs 94339
Gong-Tang Wang *see* Wang Gong-Tang
Gong-Yu Lu *see* Hsing-Yi Chen 117039
Gongfu Chen *see* Chen Gongfu
Gonghai Ren, Ling Wang, Deyuan Gao NPU ASIC chip tester 92158
Gongping Li *see* Li Gongping
Gongping Lin *see* Lin Gongping
Gongye Zhou *see* Zhou Gongye
Gongyun Zhao, Jie Sun, Jishan Zhu A primal-dual affine scaling algorithm with necessary centering as a safeguard 72554
Gongzhu Hu *see* Ze-Nian Li 117843
Gonichon, J. *see* Chen, S.C. 90077
Gonin, I.V. *see* Birukov, I.N. 89720
Gonmori, H. *see* Ishibashi, K. 107757
Gonmori, H. *see* Ishibashi, K. 107758
Gonnard, P. *see* Aurelle, N. 101600
Gonnard, P. *see* Durris, L. 101596
Gonnard, P. *see* Lebrun, L. 95299
Gonnet, P., Sharaiha, A., Terret, C., Skrivervik, A. Wire modelization and optimization of the sinuous antenna 117049
Gonoh, B. *see* Ojo, O. 111980
Gonon, P., Prawer, S., Nugent, K.W., Jamieson, D.N. Radiation damage induced by MeV alpha particles in polycrystalline diamond films 114563
Gonska, H.H. *see* Gavrea, I. 113202
Gontar, A.G., Tkach, V.N., Romanko, L.A. Cathodoluminescent microtopography and spectroscopy of diamond produced by CVD and other methods 72875
Gontijo, I., Tessier, A.G., Livingstone, M., Galbraith, I., Walker, A.C. Direct measurement of the polarization-dependent absorption and saturation in an InGaAs/InGaAsP single quantum well 114785
Gontrand, C. *see* Gradinariu, I. 73112
Gontrand, C. *see* Kaabi, L. 94662
Gontrand, C. *see* Semmache, B. 94657
Gonzaga, A. *see* Pereira, A.S. 101140
Gonzales, A.J. Balanced electron beam induced current signals for the detection of device leakage 95147
Gonzales, C.L. *see* Wiburg, K.M. 92051
Gonzales, J. *see* Peatman, W.C.B. 84479
Gonzales, S. *see* Hill, J. 74622
Gonzalez, A. *see* Batarseh, I. 104345
Gonzalez, A.J., Batarseh, I., Qu, Z. Current efforts in revitalizing electric power engineering at the University of Central Florida 111427
Gonzalez, A.J., Morris, R.A., McKenzie, F.D., Carreira, D.J., Gann, B.K. Model-based, real-time control of electrical power systems 81038
Gonzalez, D.M. *see* Prieto, E. 68954
Gonzalez, E. *see* Calero, J. 89547
Gonzalez, E. *see* Rodriguez, A. 99662
Gonzalez, E.R. Interpretation of the power response of a fuel cell with a quadratic logistic differential equation 81743
Gonzalez, F. *see* Ramos-Niembro, G. 81071
Gonzalez, F.J.O. *see* Martin, J.L.J. 104393
Gonzalez, H. *see* Zimmermann, S. 79258
Gonzalez, H. *see* Zimmermann, S. 100857
Gonzalez, I.V. *see* Vazquez, J.A.D. 71500
Gonzalez, J. *see* Gonzalez, J.M. 84766
Gonzalez, J. *see* Melhem, W. 121666
Gonzalez, J.C. *see* Velasco, J.R. 81300
Gonzalez, J.J. *see* Rocca, J.J. 65019
Gonzalez, J.L., Hallen, J.M., Dominguez, M., Sanchez, B., Diaz, C., Garcia, S. Calculation of strain hardening and batch anneal of cold rolled copper strips for electrical uses 61436
Gonzalez, J.M., Giri, A.K., Perez Alcazar, G.A., Zamora, L.E. Low-temperature Mossbauer study of the mechanically alloyed $Fe3_xMn_{0.7-x}Al_{0.3}$ ($0.4\leqslant x\leqslant 0.5$) series 84788
Gonzalez, J.M., Ramirez, R., Smirnov-Rueda, R., Gonzalez, J. On the relaxation of simple magnetic systems 84766
Gonzalez, J.M., Smirnov-Rueda, R., Cebollada, F., Gonzalez, J.M. Relaxation processes and coercivity in hard magnets 115850
Gonzalez, J.M. *see* Cornejo, D.R. 75133
Gonzalez, J.M. *see* Gonzalez, J.M. 115850

Gonzalez, J.M.R. *see* Vazquez, J.A.D. 71500
Gonzalez, J.R. The South American cement industry 82043
Gonzalez, L., Gonzalez, Y., Aragon, G., Castro, M.J., Dotor, M.L., Dunstan, D.J. Relaxation behavior of undoped $In_xGa_{1-x}P$ $0.5<x<0.7$ grown on GaAs by atomic layer molecular-beam epitaxy 113296
Gonzalez, L., Marin, A. Transformations on valued relations with weak structure 113134
Gonzalez, L.R., Krupski, J., Szwacka, T. Low-temperature electron mobility in a real δ-doped semiconductor 114649
Gonzalez, M.A. *see* Alvarez, A. 75686
Gonzalez, M.G.Olayo *see* Olayo Gonzalez, M.G.
Gonzalez, P. *see* Chiussi, S. 113322
Gonzalez, P. *see* Leon, B. 61365
Gonzalez, R., Horowitz, M. Energy dissipation in general purpose microprocessors 104581
Gonzalez, R.C. *see* Alberto Salinas, R. 67403
Gonzalez, R.C. *see* Baccar, M. 117600
Gonzalez, R.C. *see* Salinas, R. 77541
Gonzalez, R.Guzman *see* Guzman Gonzalez, R.
Gonzalez, T. *see* Reggiani, L. 62880
Gonzalez, T. *see* Starikov, E. 74338
Gonzalez, V.M., Williams, P.K. Summary of progress in FLIR/LADAR fusion for target identification at Rockwell 77135
Gonzalez, Y. *see* Gonzalez, L. 113296
Gonzalez de la V., J. *see* Tang, Y. 102813
Gonzalez de Mendivil, J.R. *see* Echanobe, J. 67461
Gonzalez de Mendivil, J.R. *see* Santamaria, C. 80976
Gonzalez G., C.A. *see* Cotos, J. 101879
Gonzalez G., R. *see* Herrara G., M.A. 91974
Gonzalez Sirgo, J.M. *see* Reichert, W. 105216
Gonzalez-Altamiran, G. *see* Ramirez-Angulo, J. 73132
Gonzalez-Altamirano, G. *see* Ramirez-Angulo, J. 73546
Gonzalez-Altamirano, G. *see* Ramirez-Angulo, J. 93566
Gonzalez-Altamirano, G. *see* Ramirez-Angulo, J. 115271
Gonzalez-Borrero, P.P. *see* Lubyshev, D.I. 72780
Gonzalez-Caballero, D. *see* Cuevas-Rubino, M. 112803
Gonzalez-Diaz, G. *see* Cusco, R. 63239
Gonzalez-Diaz, G. *see* Leon, C. 74321
Gonzalez-Diaz, M. *see* Rodriguez-Hernandez, P. 62796
Gonzalez-Guirado, M.C. *see* Ham, F.M. 76910
Gonzalez-Marcos, A. *see* Martin-Pereda, J.A. 64855
Gonzalez-Vallejo, C., Bonazzi, A., Shapiro, A.J. Effects of vague probabilities and of vague payoffs on preference: a model comparison analysis 82400
Gonzalez-Vera, P., Santos-Leon, J.C. Properties of certain piecewise polynomial product integration rules 103771
Gonzalez-Vera, P. *see* Abouir, J. 103711
Gonzalez-Vidal, F., Dekeyser, M., Vazquez, G. SARA: Software architecture for reuse in access 118657
Gonzalo, C., Ormeno, S., Arquero, A., Martinez, E. A comparative study of Landsat digital data and laboratory spectral data for different areas of Madrid countryside 119127
Gonzalo, F. *see* Leon, C. 101875
Gonzalo, J. *see* Afonso, C.N. 92865
Gonzalvo, A. *see* Lagares, A. 71063
Gonzelez-Pinto, S., Montijano, J.I., Randez, L. Improving the efficiency of the iterative schemes for implicit Runge-Kutta methods 61043
Goo, C.H., Lau, W.S., Chong, T.C., Tan, L.S. Trap signatures of As precipitates and As-antisite-related defects in GaAs epilayers grown by molecular beam epitaxy at low temperatures 114636
Goo Choo Ahn *see* Ahn Goo Choo
Goo Gee-In *see* Gee-In Goo
Goo Jung-Suk *see* Jung-Suk Goo
Goo Kang Chang *see* Chang Goo Kang
Goo Kang Seung *see* Seung Goo Kang
Goo Kim Jeong *see* Jeong Goo Kim
Goo Kim Jin *see* Jin Goo Kim
Goo Min Byoung *see* Byoung Goo Min
Gooch, B. *see* Reed, W. 115676
Goodall, B. *see* Allen, R.D. 105786
Goodall, B.L. *see* Shick, R.A. 62536
Goodall, D. An efficient medium access scheme to support VBR traffic on a slotted ring 109118
Goodall, F. *see* Chan, S.S.M. 74604
Goodall, R.K., Huff, H.R. Wafer flatness modeling for scanning steppers 115051
Goodall, R.K. *see* Huff, H.R. 63858
Goodall, R.K. *see* Huff, H.R. 84049
Goodall, R.M. *see* Jenkins, R.G. 95550
Goodby, L., Orailoglu, A. Pseudorandom-pattern test resistance in high-performance DSP datapaths 83159
Goodchild, M.S., Barber, Z.H., Blamire, G. Conductance and leakage in superconducting tunnel junctions 106680
Goode, D.C. *see* Collier, J.L. 110044
Goodelle, G.S. *see* Brown, M.R. 70414
Goodelle, J.P., Pearson, R.A., Wu, T.Y. Interlaminar fracture toughness of a glass-filled FR-4 epoxy composite as a function of mode-mixity 114407
Goodenday, L.S. *see* Cios, K.J. 101306
Goodenough, F. Microcontroller grabs and processes analog data 61944
Goodenough, F. Low-dropout regulators get application specific 73084
Goodenough, F. High-output switcher IC converts 5 V to less than 3 V 82908
Goodenough, F. Low-spur, plain-vanilla-CMOS IC DACs clock at 100 MHz 83175
Goodenough, F. Single IC stores and plays back 4 minutes of voice 99808
Goodenough, F. Battery-management ICs meet diverse needs 104311
Goodenough, F. Chip set with power MOSFET increases cell-phone talk time 109386
Goodfellow, R. *see* Moyes, A. 71028
Goodhew, P.J. *see* Joyce, T.B. 103943
Goodhew, P.J. *see* Petkos, G.M. 103949
Goodhue, W.D. *see* Strachan, W.J. 82688
Goodin, D.G., Henebry, G.M. Seasonal NDVI trajectories in response to disturbance: toward a spectral-temporal mixing model for tallgrass prairie 120671
Gooding, C.A. *see* Andriole, K.P. 110721
Gooding, J.J., Hall, E.A.H. Membrane properties of acrylate bulk polymers for biosensor applications 110243
Gooding, J.J., Hammerle, M., Hall, E.A.H. An enzyme electrode with response independent of the thickness of the enzyme layer 69332
Gooding, R. *see* Johnson, M. 118323
Goodman, C. *see* Brauksiepe, S. 100815
Goodman, C.J. *see* Salam, Z. 122052
Goodman, D.J. *see* Thomas, M. 99136
Goodman, D.M. *see* Milner, T.E. 101081
Goodman, F.O. *see* Miskovic, Z.L. 83649
Goodman, G.L. *see* Liddiard, K.C. 70571
Goodman, J., Ballard, J., Sharp, E., Sasselli, R., Luong, T. Middle and high latitude HF channel assessment campaign: Experimental description and initial results 97098
Goodman, J.W. Optical interconnect technologies–recent progress and future directions 85325
Goodman, J.W. *see* Chang-Hasnain, C.J. 68428
Goodman, J.W. *see* Gibong Jeong 68463
Goodman, M. *see* Gamelin, J. 88652
Goodman, M.S. *see* Jackel, J.L. 78891
Goodman, M.S. *see* Wagner, R.E. 78917
Goodman, R. *see* Fukang Jiang 79540
Goodman, R. *see* Gupta, B. 69114
Goodman, R.M. *see* Ambrose, B.E. 118275
Goodman, T.D., Gerber, R.E., Mansuripur, M. Temperature dependence of the birefringence of optical-disk substrates 84946
Goodman, W.A., Goorsky, M.S. Material properties assessment for large diameter single-crystal silicon 65408
Goodman, W.D. *see* Clark, D.P. 98559
Goodner, R. *see* Ping Wang 82304
Goodner, R. *see* Wang, P. 115272
Goodnick, S.M. *see* Reigrotzki, M. 114604
Goodnick, S.M. *see* Smith, J.C. 105292
Goodrich, F.N.S. Multilateration techniques for positive aircraft location and identification 70423
Goodrich, P.J. *see* Young, F.C. 69639
Goodrich, R.Kent *see* Kent Goodrich, R.
Goodridge, A.R., Kalam, A. Stability of 6 MW gas turbines used for cogeneration 81328
Goodsitt, M.M. *see* Sahiner, B. 120292
Goodsitt, M.M. *see* Sahiner, B. 120387
Goodson, K.E. Thermal conduction in nonhomogeneous CVD diamond layers in electronic microstructures 82206
Goodson, T., Takacs, J.M., Wang, C.H., Zhang, L. The synthesis, characterization, and photochemical crosslinking of an NLO epoxy polymer 85683
Goodwill, D.J., Hinton, H.S. Compact and extensible optical interconnect module for a free-space optical backplane 99030
Goodwill, D.J. *see* Plant, D.V. 85326
Goodwill, J.E., Schmitt, R.J., Purta, D.A. New developments in microwave treatment of steel mill sludges [waste disposal] 82025
Goodwin, C.A. *see* Chabal, Y.J. 63200
Goodwin, C.A. *see* Easter, W.G. 63151
Goodwin, D., Lane, G.N. Boiler upgrades bring greater efficiency 111774
Goodwin, J. *see* Anis, H. 65262
Goodwin-Johansson, S., Bobbio, S., Bartlett, C., Eleyan, N., Jacobson, J., Mancusi, J., Yadon, L., Ball, C., DuBois, T., Palmer, W., Vellenga, D., Tranjan, F. Measured forces and displacements of integrated force arrays 74981
Goodwin-Johansson, S. *see* Bobbio, S. 106287
Goody, J. *see* Aggarwal, R.K. 102249
Goody, S.B., Saul, P.H. A fully oxide-isolated bipolar transistor integrated circuit process 62347
Goodyear, C.C. *see* Fairhurst, H. 97621
Goodyear, P. *see* Steeples, C. 78137
Goodyer, P.D., Fothergill, J.C., Jones, N.B., Hanning, C.D. The design of an optical fiber pressure transducer for use in the upper airways 70045
Gooi, H.B., Zhu, S.P. A graphics simulation environment for power system education 82113
Gooi, H.B. *see* Teo, C.Y. 80940
Gook Kang Hyun *see* Hyun Gook Kang
Gook Park Byung *see* Byung Gook Park
Gool, L.Van *see* Van Gool, L.
Gooley, T.D., Borsi, J.J., Moore, J.T. Automating Air Force satellite control network (AFSCN) scheduling 101659
Goong Chen *see* Yuanhua Deng 103785
Goor, Ad.J.van de *see* van de Goor, Ad.J.
Goor, A.J.van de *see* van de Goor, A.J.
Goor, A.Van De *see* Van De Goor, A.
Goor, F.A.Van *see* Van Goor, F.A.
Goorsky, M.S. *see* Goodman, W.A. 65408
Goorsky, M.S. *see* McGregor, D.S. 80153
Goorsky, M.S. *see* McGregor, D.S. 92663
Goorsky, M.S. *see* Stock, S.R. 69908
Goosen, J.F.L. *see* French, P.J. 82813
Goosen, J.F.L. *see* French, P.J. 106258
Goossen, K.W., Walker, J.A., Arney, S.C. Possible display applications of the silicon mechanical antireflection switch 84663
Goossen, K.W. *see* Chirovsky, L.M.F. 85334
Goossen, K.W. *see* Ford, J.E. 95642
Goossen, K.W. *see* Krishnamoorthy, A.V. 65002
Goossen, K.W. *see* Walker, J.A. 119197
Goossen, K.W. *see* Woodward, T.K. 78867
Goossen, K.W. *see* Woodward, T.K. 85333
Goossen, K.W. *see* Woodward, T.K. 88610
Goossens, A. *see* Schroten, E. 61354
Goossens, E. *see* Vandevenne, L. 118102
Goossens, J.P. *see* Maury, J. 116384
Goossens, M.J., Verhoeven, C.J.M., van Roermund, A.H.M. Single electron tunneling technology for neural networks 62117
Goovaerts, E. *see* Yan, Z.C. 116277
Gopal, B.C., Choa, F.S. Comparative study of wavelength conversion schemes using semiconductor optical amplifiers 68420
Gopal, E.S.R. *see* Ramesh, K. 105199
Gopal, S., Fischer, M. A comparison of three neural network classifiers for remote sensing classification 111331
Gopal, S., Woodcock, C.E., Strahler, A.H. Fuzzy ARTMAP classification of global land cover from AVHRR data set 111133
Gopal, S. *see* Carpenter, G.A. 111317
Gopal, T.V., Nataraj, N.S.K., Ramamurthy, C., Sankaranarayanan, V. Load balancing in heterogenous distributed systems 98656
Gopal, T.V., Raja, G.K., Vijaykumar, D.K., Sankaranarayanan, V. A novel fault tolerant token ring network 67781
Gopal, V. Comparison of MWIR and LWIR HgCdTe hybrid focal plane arrays for thermal imaging applications 69235
Gopal, V. Spatial noise limited NETD performance of a HgCdTe hybrid focal plane array 69256
Gopal, V. A general relation between zero-bias resistance-area product and perimeter-to-area ratio of the diodes in variable-area diode test structures 74694
Gopal Ganesan, P. *see* Damodara Das, V. 105219
Gopala Rao, A.S. *see* Ananthapadmanabha, T. 102061
Gopala Rao, Y. *see* Manju Latha, P. 76593
Gopalakrishnan, G. *see* Kudva, P. 83061
Gopalakrishnan, G. *see* Kudva, P. 84588
Gopalakrishnan, G.K., Brophy, T.J., Breverman, C. Experimental study of fibre induced distortions in externally modulated 1550 nm analogue CATV links 88849
Gopalakrishnan, G.K. *see* Howerton, M.M. 78850
Gopalakrishnan, K. *see* Bierbrauer, J. 108157
Gopalakrishnan, N., Dhanasekaran, R. On the nucleation and composition analysis of $InAs_{1-x}P_x$ during vapour phase epitaxial growth 72839
Gopalakrishnan, N., Dhanasekaran, R. Evaluation of composition and growth rate of $Ga_xIn_{1-x}P$ vapour phase epitaxy 92718
Gopalakrishnan, N., Dhanasekaran, R. Thermodynamic analysis of $GaAs_{1-x}P_x$ vapor phase epitaxy 113299
Gopalakrishnan, R. Surface analysis and application in magnetic hard disk media 75270
Gopalakrishnan, R. *see* Chua, S.J. 116503
Gopalakrishnan, R. *see* Dudgeon, J.E. 101547
Gopalakrishnan, V. *see* Subramanian, A.K. 70603
Gopalan, A. *see* Paruthimal Kalaignan, G. 112275
Gopalan, B. *see* Atia, W.A. 110403
Gopalan, B.P. *see* Vusirikala, V. 96382
Gopalan, K., Anderson, T.R. Speaker identification using Bessel function representation and a back-propagation neural network 66578
Gopalan, K., Gopalsami, N. Chemical decomposition by normalization of millimeter-wave spectra 120745
Gopalan, P. *see* Srinivasan, R. 61314
Gopalsami, N. *see* Dryagin, Y.A. 110344
Gopalsami, N. *see* Gopalan, K. 120745
Gopel, K.-D. Compact EMC test cell of high field homogeneity and wide frequency range 88953
Gopel, W. Nanosensors and molecular recognition 119640
Gopel, W. *see* Lee, H.Y. 81808
Gopel, W. *see* Rickert, J. 79569
Gopel, W. *see* Zheng, J.G. 74278
Gopel, W. *see* Zhou, R. 119781
Gopinath, A. *see* Cheung, P. 93690
Gopinath, A. *see* Sangin Kim 107982
Gopinath, M. *see* Pande, D.C. 76445
Gopinath, R.A. Thoughts on least squared-error optimal windows 66706
Gopinath, V.P., Verboncoeur, J., Birdsall, C.K. Simulation of transmitted current in a cylindrical cross-field diode 62602

Gopinath, V.P., Verboncoeur, J.P., Birdsall, G.K. Similarity of stability characteristics of planar and coaxial crossed-field diodes 83762
Gopinath, V.P. *see* Cartwright, K.L. 105032
Gopinathan, V. *see* Varma, S. 114019
Goplen, B. *see* Jensen, K.L. 73929
Goplen, B. *see* Jensen, K.L. 83734
Goplen, B. *see* Jensen, K.L. 83735
Goplen, B. *see* Kodis, M.A. 62625
Goplen, B. *see* Kodis, M.A. 83744
Goplen, B. *see* Kodis, M.A. 105009
Goplen, B. *see* Kodis, M.A. 105010
Goplen, B. *see* Smithe, D.N. 62632
Goppert, R. *see* Chen, J.W. 114803
Goppert, R. *see* Geppert, R. 120141
Goppert, R. *see* Irsigler, R. 120139
Goradia, C. *see* Moulot, J. 95941
Goradia, M. *see* Faur, M. 105525
Goradia, M. *see* Moulot, J. 95941
Goral, J. *see* White, M. 89764
Goralski, W. Deregulation deja vu 98544
Goranson, P. *see* Bernabei, S. 76629
Goransson, B., Jansson, M., Ottersten, B. Spatial and temporal frequency estimation of uncorrelated signals using subspace fitting 117484
Gorbach, T.Ya., Kuzma, M., Sheregii, E., Smertenko, P.S., Svechnikov, S.V., Wisz, G. Deposition of HgCdTe epitaxial layers on anisotropically etched silicon surfaces by laser evaporation 92773
Gorbachev, A.A. Polarization properties of a nonlinear scatterer modeled as a pair of dipoles 107878
Gorbachev, A.A., Krasil'nikov, V.D., Rodionov, Ya.G. Compensation methods of interference reduction in the range of ultralow frequencies 107948
Gorbachev, A.A. *see* Vasenkova, L.V. 107903
Gorbachev, P.A. Signal generation by a system of passive subharmonic scatterers 76384
Gorbachev, V.N., Trubilko, A.I. Generation and transformation of correlated light beams in a nonlinear medium 96666
Gorbachevskii, S.K. Speech signal segmentation using semantic units 66596
Gorbachevskii, S.K. Nonuniform quantization during statistical analysis of systems and signals 117410
Gorbanzade, A.M. *see* Nikitin, P.I. 64462
Gorbatchev, V.V. *see* Elliott, S.R. 80104
Gorbatkin, S.M., Poker, D.B., Rhoades, R.L., Doughty, C., Berry, L.A., Rossnagel, S.M. Cu metallization using a permanent magnet electron cyclotron resonance microwave plasma/sputtering hybrid system 84219
Gorbatov, P. *see* Kalinin, A.V. 68821
Gorbatsevich, A.A., Koltyzhenkov, V.M. Novel physical aspects and device applications of resonant tunneling in multi-barrier quantum structures 63086
Gorbatyuk, I.N. *see* Bodnaruk, O.A. 94445
Gorbenko, V.M. *see* Antonenko, A.M. 64589
Gorbold, J.R., Seller, P., Nickerson, R., Grillo, A. DORIC. A front end clock and L1 distribution chip 100951
Gorbounova, O., Ding, Y.J., Khurgin, J.B., Lee, S.J., Craig, A.E. Optical frequency shifters based on cascaded second-order nonlinear processes 65439
Gorbounova, O. *see* Cui, A.G. 94559
Gorbulenko, M.I. *see* Generalov, N.A. 107118
Gorbulsky, P., Glukhov, K., Yakubov, S. Data acquisition system 79265
Gorbunov, A. *see* Pompe, W. 104102
Gorbunov, A.A., Pompe, W., Sewing, A., Gaponov, S.V., Akhsakhalyan, A.D., Zabrodin, I.G., Kas'kov, I.A., Klyenkov, E.B., Morozov, A.P., Salaschenko, N.N., Dietsch, R., Mai, H., Vollmar, S. Ultrathin film deposition by pulsed laser ablation using crossed beams 92917
Gorbunov, L.A. Experimental study of thermocapillary convection in a germanium melt 113273
Gorbunov, L.M. *see* Andreev, N.E. 79769
Gorbunov, L.M. *see* Andreev, N.E. 79849
Gorbunov, N.I. *see* Mukhamedyarov, R.D. 70444
Gorbunov, S.M. *see* Gorish, A.V. 84687
Gorbunov, S.M. *see* Kozin, S.A. 89013
Gorbunov, V. *see* Pivinsky, E. 107184
Gorbunov, V.A. *see* Gogoleva, N.G. 116430
Gorchakov, A.Y., Kotkin, G.G. Necessary and sufficient convergence conditions for a class of nonlinear programming methods 113196
Gordeev, S.V., Turukhano, B.G. Investigation of the interference field of two spherical waves for holographic recording of precision radial diffraction gratings 76294
Gordeev, V. Referencing data of remote Earth probing to a coordinate system using the topographic base for the region of observation 70443
Gordeev, V.S. *see* Bosamykin, V.S. 100797
Gordian, A.V. Parallel implementation of algorithms for spectral analysis of images 67186
Gordian, A.V. Implementation of algorithms of real-time digital image filtration 67328
Gordienko, E.Yu. *see* Banduryan, B.B. 79519
Gordillo, F., Toro, M., Valero, S., Aracil, J., Riquelme, J. Optimal control and sensitivity analysis of an energy demand model 101835
Gordon, A.A. *see* Koshigoe, S. 70308
Gordon, A.L. *see* Byrne, D.A. 111246
Gordon, A.S., Domeshek, E.A. Retrieval interfaces for video databases 68873
Gordon, B.M., Rajamani, H.S., McMahon, R.A. An investigation of bifilar wound three-phase induction motor drives operating with only low side switches 121998
Gordon, C., Roselle, K.M. Estimating crosstalk in multiconductor transmission lines 60604
Gordon, C.L., III *see* Lemoff, B.E. 65021
Gordon, D., Wharton, K., Clayton, E., Everett, M.J., Joshi, C. A novel technique for probing the transverse interactions between an electron beam and a plasma 89680
Gordon, G.G. Automated glass fragmentation analysis 67348
Gordon, H. *see* Ellenberger, C. 94088
Gordon, H. *see* Schubert, B. 94087
Gordon, H.A., Rueger, D. *(editors)* Proceedings of the Fifth International Conference on Calorimetry in High Energy Physics 112736
Gordon, H.M. *see* Ray, U. 94089
Gordon, I.A.S. *see* Hine, N.A. 118641
Gordon, J. Pareto process as a model of self-similar packet traffic 87285
Gordon, J. *see* Panaretos, S. 97365
Gordon, J.J. Long range correlation in multiplexed pareto traffic 108822
Gordon, J.P. *see* Evangelides, S.G., Jr. 88538
Gordon, J.S. *see* Nagarkar, V.V. 80157
Gordon, J.S. *see* Nagarkar, V.V. 101034
Gordon, J.S. *see* Redus, R. 90151
Gordon, J.S. *see* Redus, R. 101035
Gordon, K.E. *see* Wong, R.J. 94640
Gordon, M.H. *see* Chandran, B. 112892
Gordon, M.J. *see* Hwang, G.S. 114912
Gordon, N., Salmond, D. Bayesian target selection after group pattern distortion 108376
Gordon, N.R. *see* Sliva, P. 79460
Gordon, N.T. *see* Ashley, T. 79412
Gordon, P.F. *see* Diaz-Garcia, M.A. 76250
Gordon, P.J. *see* Fox, S.J. 60736
Gordon, R. *see* Guan, H. 110685
Gordon, R. *see* Shashidhar, N.S. 110775
Gordon, R. *see* Sivaramakrishna, R. 77296
Gordon, R. *see* Sivaramakrishna, R. 110776
Gordon, R.G. *see* Hegedus, S. 112401
Gordon, R.J. *see* Saltzberg, M.A. 65899
Gordon, R.K. *see* Harrison, L.A. 61099
Gordon, R.K. *see* Harrison, L.A. 103801
Gordon, R.K. *see* Hutchcraft, W.E. 60912
Gordon, R.K. *see* Hutchcraft, W.E. 96930
Gordon, R.L. *see* Frihart, C.R. 115436
Gordon, S.J. *see* Benayad-Cherif, F. 79551
Gordon, S.J. *see* Theodoropoulos, P.T. 75793
Gordov, E.P., Khmelnitskii, G.S., Fazliev, A.Z. Multi-purpose CW CO_2 autodyne lidar 119322
Gordova, M.R. *see* Kozlov, V.A. 96224
Gore, B.B. *see* Nikumbh, M.S. 112418
Gore, J.C. *see* Amini, A.A. 70023
Gore, V. *see* Nikumbh, M.S. 112418
Gorea, A. *see* Kashi, R.S. 86630
Gorecki, C. Range finding using frequency-modulated interferometry with a monomode external-cavity laser diode 76321
Gorecki, C., Trolard, B. Optoelectronic implementation of two smoothing filters on Epson liquid crystal television: application to speckle noise removal in interference fringes 87235
Gorecki, C., Trolard, B., Oriat, L. Real-time pattern recognition by VanderLugt correlator using amplitude and phase modulation properties of the Epson liquid-crystal TV 98159
Gorecki, C. *see* Moreno, I. 86976
Gorecki, T. *see* Chin, R. 100054
Gorelik, L.I., Kreopalov, V.I., Kulikov, K.M., Martynov, S.N., Sviridov, A.N. Experimental studies of the threshold characteristics of photodetector systems with CO_2 quantum amplifiers 99984
Gorelik, L.Y., Jonson, M., Shekhter, R.I. Microwave-induced resonant reflection and localization of ballistic electrons in quantum microchannels 105418
Gorelik, S.S., Letyuk, L.M., Morchenko, A.T. Magnetic garnet film epitaxy on nonsingular faces 64341
Gorelik, S.Y., Nagibina, I.M., Baranov, S.V., Bolshakov, O.P., Petrishin, V.L. Using of holography in a curriculum of medical institutes 85763
Gorelik, S.Ya., Nagibina, I.M. Diffraction efficiency of pseudodeep holograms with real physical deep recording 85729
Gorelik, V.P. *see* Turukhano, B.G. 76295
Gorelov, A. *see* Smith, G.R. 120229
Gorelov, D.V. *see* Birukov, I.N. 89720
Gorely, K.I., Lampei, V.K., Nikolsky, A.V. Ionospheric effects of space vehicle launches 116912
Goren, D., Asa, G., Nemirovsky, Y. Barrier formation at graded HgTe/CdTe heterojunctions 114693
Goren, Y. *see* Stalder, K.R. 112595
Gorenstein, A. *see* Julien, C. 112222
Gorenstin, B. *see* Shirmohammadi, D. 70832
Gorenstin, B.G. *see* Pereira, M.V.F. 91064
Goretta, K.C., Cluff, J.A., Joo, J., Lanagan, M.T., Singh, J.P., Vasanthamohan, M., Xin, Y., Wong, K.W. Mechanical properties of high-temperature superconducting wires 115908
Goretta, K.C. *see* Hagen, M.R. 113537
Gorev, P.V. A new principle of the joint spatial adaptive interference cancellation and signal demodulation in communication receivers 99117
Gorev, V.V. A high-current positron source 90073
Gorev, V.V., Kachalov, K.O., Kleonsky, V.I., Serebrennikov, K.S. High-current positron beams in γ-defectoscopy 100794
Gorfinkel, V., Luryi, S., Gelmont, B. Gain spectra and temperature characteristics of quantum cascade lasers 65370
Gorfinkel, V., Luryi, S., Gelmont, B. Theory of gain spectra for quantum cascade lasers in the limit of low carrier concentration 107352
Gorfinkel, V.B., Luryi, S., Gelmont, B. Theory of gain spectra for quantum cascade lasers and temperature dependence of their characteristics at low and moderate carrier concentrations 116550
Gorg, C. *see* Schreiber, F. 108738
Gorgadze, S.F. *see* Smirnov, N.I. 68325
Gorgadze, S.F. *see* Smirnov, N.I. 78622
Gorge, A.B. *see* Olbrich, A. 112229
Gorge, A.B. *see* Olbrich, A. 112230
Gorges, B. *see* Verbeni, R. 110628
Gorges-Schleuter, M. *see* Suss, W. 79326
Gori, G. *see* Barbato, G. 68958
Gori, G. *see* Borgatti, M. 73290
Gori, M., Giamboni, S., D'Alessio, E., Ghia, S., Cernuschi, F. EMAT transducers and thickness characterization on aged boiler tubes 101625
Gori, M., Giamboni, S., D'Alessio, E., Ghia, S., Cernuschi, F., Piana, G.M. Guided waves by EMAT transducers for rapid defect location on heat exchanger and boiler tubes 101622
Gori, M. *see* Catelani, M. 109998
Gori, M. *see* Cesarini, F. 67487
Gorin, A. *see* Martellotti, G. 80122
Gorin, A.M. *see* Bosi, F. 90134
Gorin, M.Y. *see* Asseev, A.A. 100732
Gorin, M.Yu. *see* Asseev, A.A. 69678
Gorin, Yu.P. *see* Antipov, Yu.M. 69794
Goring, R., Glockner, S., Bohrisch, F. Miniaturized optical switches based on piezoelectrically driven microprism arrays 99041
Goring, R., Possner, T., Schreiber, P. Planar gradient-index cylindrical microlenses–flexible components for laser diode applications 106906
Goringe, M.J. *see* Ryan, D.T. 95411
Gorini, B. *see* Avanzini, C. 90225
Gorini, B. *see* Avanzini, C. 100959
Goris, M.L. *see* Declerck, J. 110748
Gorish, A.V., Gorbunov, S.M., Vusevker, Yu.A., Alaverdov, V.V., Artemov, Yu.A. Investigation of the aging process of piezoceramics under long-term storage conditions 84687
Gorish, A.V. *see* Czekaj, D. 119655
Gorish, A.V. *see* Koptev, Yu.N. 80550
Gorish, A.V. *see* Koptev, Yu.N. 80565
Gorish, A.V. *see* Mikhaylov, P.G. 89010
Gorkounov, B.M. *see* Sebko, V.P. 99904
Gorkounov, B.M. *see* Sebko, V.P. 99913
Gorkunov, E.S., Zakharov, V.A. Coercimeters with magnetic attachments 115653
Gorlanov, A.V. *see* Bogdanov, M.P. 107621
Gorlitz, D. *see* Flosdorff, A. 64241
Gorlitz, D. *see* Flosdorff, A. 75161
Gorman, G.L. *see* Tsann Lin 115718
Gorman, J.D., Subotic, N.S. Adaptive multiresolution SAR image formation 109724
Gorman, J.D., Werness, S.A.S., Wei, S.C. Assessing the impact of image compression on SAR automatic target detection and cuing 109712
Gormish, M.J., Zandi, A., Schwartz, E.L., Keith, A., Boliek, M. Device selective quantization for reversible wavelets 86754
Gormsen, S. *see* Mogensen, M. 81817
Gorn, L. *see* Bell, W. 120174
Gornakov, V.S. *see* Nikitenko, V.I. 79655
Gornakov, V.S. *see* Nikitenko, V.I. 115633
Gorner, K., Michalke, R., de Kluyver, J.P., Beckers, J.M.J. Measures and experiences in the conversion of Units A and B of EPZ in Maasbracht/The Netherlands 102410
Gornert, P. *see* Manzel, M. 93701
Gornik, E., Smoliner, J., Demmerle, W., Bohm, G., Weimann, G. Coherent tunneling spectroscopy of 0D states 62872
Gornik, E. *see* Chebotarev, A.P. 100016
Gornik, E. *see* Eder, C. 105389
Gornik, E. *see* Gmachl, C. 65325
Gornik, E. *see* Golshani, A. 116535
Gornik, E. *see* Heiss, W. 62960
Gornik, E. *see* Kock, A. 96255
Gornik, E. *see* Murdin, B.N. 62856
Gornik, E. *see* Robkopf, V. 62995
Gornik, E. *see* Rosskopf, V. 74453
Gornik, E. *see* Seliger, N. 84450
Gornik, E. *see* Wirner, C. 74448
Gorniker, E., Abramsky, P., Arbuzov, V., Belomestnykh, S., Bushuyev, A., Fomin, M., Kuptsov, I., Kurkin, G., Nosyrev, S., Petrov, V., Sedlyarov, I., Veshcherevich, V. RF system of VEPP-4M electron-positron collider 100510
Gorniker, E.I. *see* Vinokurov, N.A. 96552
Gornov, A.O. *see* Anisimov, V.A. 103062
Gornov, M.G., Gurov, Yu.B., Dovgun, S.V., Morokhov, P.V., Sandukovskii, V.G., Fateev, A.Yu. A system for testing strip semiconductor detectors 120188
Gornsztejn, T. *see* Mosso, M.M. 93134

Gorobets, V.A., Petukhov, V.O., Tochitsky, V.Ya., Churakov, K., Fomin, O., Jakimovich, V.N. CO_2 laser with frequency doubling in the nonlinear output mirror 116358
Gorochov, O. *see* Qu'Hen, B. 74179
Gorodetskii, I.Ya. *see* Buyanova, I.A. 116214
Gorodetskii, M.L. *see* Vasil'ev, V.V. 107329
Gorodetsky, A.E. *see* Arkhipov, I.I. 62684
Gorodetsky, A.E. *see* Lomidze, M.A. 74544
Gorodetsky, G. *see* Gheber, L.A. 83981
Gorodetsky, G. *see* Peleg, N. 115474
Gorodetzky, P. *see* Lundin, M. 69805
Gorodishenin, N.L. *see* Zalessky, V.B. 80056
Gorodishenin, N.L. *see* Zalessky, V.B. 100890
Gorodkova, E.A. Overview of the methods for the determination of the cost of transmission transactions 102033
Gorodnichii, O.P. *see* Balev, O.G. 114610
Gorodov, V.V. *see* Berezhansky, V.B. 95295
Gorokh, O.V., Werner, F. On the solution of determinantal systems of linear inequalities 72408
Gorokh, O.V., Werner, F. A strongly polynomial algorithm for a new class of linear inequalities 72532
Gorokhin, V.N., Krasheninnikov, V.R., Tashlinskii, A.G. A conveyer system for the detection of small-size objects 67171
Gorokhov, A., Loubaton, P. Multiple input, multiple output ARMA systems: second order blind identification for signal extraction 117512
Gorokhov, Al.Ju. *see* Abramovich, Yu.I. 66160
Gorokhov, A.Yu. *see* Abramovich, Yu.I. 68593
Gorolchuk, I. *see* Yang Zongquan 95444
Goronkin, H. *see* Shen, J. 61799
Goronkin, H. *see* Shiralagi, K. 103938
Gorostiza, P. *see* Servat, J. 84261
Gorowitz, B. *see* Fillion, R. 94140
Gorrieri, R. *see* Focardi, R. 77738
Gorris, F. *see* Kubsky, S. 100756
Gorrow, C.I., Iyer, A. Human tracking for environmental studies 99430
Gorry, J. *see* Cribier, M. 110538
Gorschluter, J. *see* Papalexandri, K.P. 71146
Gorsdorf, U. *see* Engelbart, D. 90761
Gorshe, S.S., Bose, B. A self-checking ALU design with efficient codes 104472
Gorshkov, A.V. *see* Borisov, R.K. 102225
Gorshkov, A.V. *see* Golovin, S.V. 95984
Gorshkov, V.A. *see* Malyshev, O.N. 90241
Gorshkov, V.N. *see* Vladimirov, V.V. 80576
Gorsich, D. *see* Karlsen, R.E. 87173
Gorska, M. *see* Jen, J.Y. 62843
Gorskaya, N.V. *see* Borodina, E.L. 98278
Gorski, A., Argyrakis, J., Biggs, J., Black, E., Humbert, J., Jagger, J., Thompson, K. Design, construction, and procurement methodology of magnets for the 7-GeV Advanced Photon Source 89792
Gorsky, S.M. *see* Borodina, E.L. 98278
Gorsky, V.B. *see* Bugaev, A.S. 106553
Gorte, B. *see* Gorte-Kroupnova, N. 62473
Gorte-Kroupnova, N., Gorte, B. Method for multispectral images segmentation in case of partially available spectral characteristics of objects 62473
Gortel, Z.W. *see* Swierkowski, L. 105252
Gortler, A., Schwandner, A., Frank, K., Christiansen, J. The use of carbides as electrode material in a pseudospark switch 114499
Gortler, A., Schwandner, A., Frank, K., Christiansen, J., Hoffmann, D.H.H. Test of SiC-electrodes in a high current pseudospark switch 62652
Gortler, A., Schwandner, A., Frank, K., Christiansen, J., Hoffmann, D.H.H. Interferometric measurement of the electron density in a pseudospark switch 71563
Gortler, A. *see* Achterberg, N. 62653
Gortsev, A.M., Klimov, I.S. Estimated dead period and intensity of a Poisson process 108820
Gortz, W. *see* Vydra, J. 107573
Goru, V.K., Akers, L.A. VLSI implementation of rehabituation 104754
Gorup, S. *see* Stajer, D. 101395
Gorup, Z. *see* Stajer, D. 101395
Gorur, A. Slow-wave characteristics of interdigitated meander transmission lines 114184
Gorur, R.S., Mishra, J., Tay, R., McAfee, R. Electrical performance of RTV silicone rubber coatings 64111
Gorur, R.S. *see* El-Kishky, H. 91207
Gorur, R.S. *see* El-Kishky, H. 121197
Gorur, R.S. *see* Matsuoka, R. 64101
Gorya, O.S., Keyanu, A.S., Kravetskii, I.V., Kalyuk, L.L., Tatarinskaya, O.M. Radiative recombination in stressed superlattices 74439
Goryachkin, D.A. *see* Bogdanov, M.P. 107621
Goryachkin, D.A. *see* Kuprenyuk, V.I. 116335
Goryaeva, E.M., Shablya, A.V. Quantum counters in the 280-820-nm spectral range 89060
Goryashko, A. *see* Freer, J.A. 117875
Goryca, Z. Influence of starting current limitation on starting parameters of compound motor 111874
Gorzalczany, M.B., Stefanski, T. Fuzzy control and fuzzy neural network control of inverter-fed induction motor drive for electrical vehicle 71794
Gosavi, P. *see* Mehdi, N. 70154
Goschenhofer, F. *see* Becker, C.R. 74443
Goschnick, J. *see* Althainz, P. 69373
Goschnick, J. *see* Althainz, P. 120878
Gosciniak, I., Badura, D. The modification of self-test path for increasing the test effectiveness 83012
Gosciniak, J. Linear modification as an element of integrated circuit testing strategy 95127
Gosden, D.F., Murray, C. An integrated electric vehicle demonstration program using electricity supplied by photovoltaics 91905
Gosden, D.F. *see* Chalmers, B.J. 103110
Gosele, U., Stenzel, H. "Lord Rayleigh's ghost" or a short history of wafer bonding 63193
Gosele, U. *see* Grundmann, M. 105374
Gosele, U. *see* Hillebrand, R. 114616
Gosele, U. *see* Kirstaedter, N. 65202
Gosele, U. *see* Kurishima, K. 61193
Gosele, U. *see* Ledentsov, N.N. 62870
Gosele, U. *see* Ledentsov, N.N. 63081
Gosele, U. *see* Ledentsov, N.N. 92737
Gosele, U. *see* Martini, T. 63197
Gosele, U. *see* Steinkirchner, J. 63370
Gosele, U. *see* Tong, Q.-Y. 63195
Gosele, U. *see* Tong, Q.-Y. 63228
Gosele, U. *see* Tong, Q.-Y. 63859
Gosele, U. *see* Tong, Q.-Y. 84037
Gosele, U. *see* Werner, P. 83845
Gosele, U.M., Reiche, M., Tong, Q.-Y. Wafer bonding: an overview 84051
Gosele, U.M. *see* Feng, T. 69291
Gosele, U.M. *see* Joshi, S.M. 105102
Goser, K. *see* Farokhzad, B. 115169
Goser, K. *see* Hilleringmann, U. 69066
Goser, K. *see* Hilleringmann, U. 85329
Goser, K. *see* Muller, J. 85313
Goser, K. *see* Pacha, C. 62134
Goser, K. *see* Rossmann, M. 62136
Goser, K.F. Implementation of artificial neural networks into hardware: concepts and limitations 73603
Goshima, H., Sakakibara, H., Hayakawa, N., Hikita, M., Uchida, K., Okubo, H. High voltage insulation based on area and volume effects of cryogenic liquids for superconducting power apparatus 102599
Goshima, H. *see* Hayakawa, N. 75007
Goshima, H. *see* Okubo, H. 75008
Goshima, H. *see* Okubo, H. 102788
Goshima, H. *see* Wakita, M. 102182
Goshtasby, A.A., Turner, D.A. Fusion of short-axis and long-axis cardiac MR images 110747
Goshtasby, A.A., Turner, D.A. Fusion of short-axis and long-axis cardiac MR images 110784
Gosling, H.G.D. An extensible systolic convolver array for signal processing in time and frequency domains [sonar] 68727
Gosling, I.G., Qu, P.Y. Heaviside absorbing layer for a TLM mesh of symmetrical condensed node 65813
Gosman, G. *see* Simoen, E. 63544
Gosnell, T.R., Ping Xie Tunable, CW, multicolor visible upconversion fiber lasers operating at room temperature 65098
Gosney, W.M. *see* Loloee, A. 70125
Gospodaric, D. Simulation of electromagnetic compatibility (EMC) problems, using numerical field analysis 116931
Gospodinov, M. *see* Petrova, D. 113270
Goss, H.H. *see* Butler, S.J. 71880
Goss, J. *see* Jones, R. 114895
Goss, M.E. The MSX Performance Assurance Program 90672
Goss, P. Simulating power switching with IGBTs 104313
Goss, W.J. *see* Koch, R.H. 95510
Gossard, A. *see* Mirin, R. 107249
Gossard, A. *see* Pinsukanjana, P. 82673
Gossard, A.C. *see* Beck, R.G. 74762
Gossard, A.C. *see* Beck, R.G. 110137
Gossard, A.C. *see* Blanke, G. 63029
Gossard, A.C. *see* Crouch, C.H. 105390
Gossard, A.C. *see* Crouch, C.H. 105413
Gossard, A.C. *see* Eriksson, M.A. 94456
Gossard, A.C. *see* Ferreira, A.C. 62963
Gossard, A.C. *see* Ferreira, A.C. 105400
Gossard, A.C. *see* Holtz, P.O. 62743
Gossard, A.C. *see* Hu, S.Y. 65266
Gossard, A.C. *see* Johnson, J.L. 95985
Gossard, A.C. *see* Katine, J.A. 106105
Gossard, A.C. *see* Sundaram, M. 105436
Gossard, A.C. *see* Unterrainer, K. 105399
Gosse, E. *see* Picheta, L. 94965
Gossel, M. *see* Sogomonyan, E.S. 110010
Gosselin, B. Multilayer perceptrons combination applied to handwritten character recognition 87186
Gosselin, S. *see* de Matos, C. 75726
Gossen, L., Van Den Hoven, S. Strike-in-optimised level crossing philosophy on NS [Dutch Railways] 81959
Gosset, L. *see* Cribier, M. 110538
Gossett, C.A. *see* McIntyre, M.D.W. 70366
Gossink, D.E., Cathcart, S., Asenstorfer, J.A. A new digital code tracking scheme for direct sequence spread spectrum 88083
Gossla, M. *see* Metzner, H. 71713
Gossman, H.-J., Mogi, T.K., Rafferty, C.S., Stolk, P.A., Eaglesham, D.J., Luftman, H.S., Unterwald, F.C., Boone, T., Thompson, M.O., Poate, J.M. Influence of vacuum annealing on native Si point defects 63256
Gossmann, H.-J. *see* Haynes, T.E. 105545
Gossmann, H.-J. *see* Herner, S.B. 63110
Gossmann, H.-J. *see* Kimura, K. 82587
Gossmann, H.-J. *see* Mogi, T.K. 63004
Gossmann, H.-J. *see* Mogi, T.K. 94538
Gossmann, H.-J. *see* Vuong, H.-H. 63251
Gossner, H. *see* Rao, V.R. 63742
Gossner, O. Overlapping generations games with mixed strategies 113085
Goswami, B. *see* Mitra, T.K. 120444
Goswami, D.Y. *see* Terry, C.K. 75803
Goswami, I., Pradeep, Y.R. Safety issued in semiconductor industry: gases 82156
Goswami, I. *see* Bhattacharyya, A.B. 74842
Goswami, I. *see* Pradeep, Y.R. 82157
Goswami, J.C., Chan, A.K., Chui, C.K. Spectral domain analysis of single and coupled microstrip open discontinuities with anisotropic substrates 97225
Goswami, J.C., Chan, A.K., Chui, C.K. On a spline-based fast integral wavelet transform algorithm 97799
Goswami, J.C. *see* Gaofeng Wang 107840
Goswami, N. *see* Lal, K. 105435
Goswami, N. *see* Niranjan, S. 105679
Gosz, M. *see* Dolbow, J. 113545
Goszczurna, T., Siatkowski, I. Construction of some multi-way block designs 92601
Gotaas, J.A. *see* McConochie, S.R. 106562
Gotaas, J.A. *see* Schmidlin, F. 64447
Gotaas, J.A. *see* Warren, A.P. 106482
Gotchev, A., Georgiev, I. Wavelet analysis of voice source 86137
Gotfryd, M. General analysis of pulse circuit for power factor correction 80843
Gothard, G.K. *see* Rao, S.M. 76326
Gothoskar, P. *see* Nagarkar, V.V. 80157
Gothoskar, P. *see* Nagarkar, V.V. 101034
Goto, A. Earth observation satellite data and its application to environmental education 103341
Goto, A., Sakamoto, Y., Lee, B.H., Bayle, M.L. Japan Window: a US-Japan Internet/WWW server for Japanese information 67803
Goto, A. *see* Batygin, Y. 90090
Goto, A. *see* Hamao, F. 103129
Goto, A. *see* Nakagawa, T. 100786
Goto, A. *see* Okamura, H. 119991
Goto, E., Noshiro, M., Hosaka, H., Minamitani, H. Ambulatory non-calibration measurement of tidal volume using optical fiber sensors 80217
Goto, H., Shibahara, K., Yokoyama, S. Atomic layer controlled deposition of silicon nitride with self-limiting mechanism 72864
Goto, H. *see* Detchprohm, T. 104064
Goto, H. *see* Hirata, K. 70853
Goto, H. *see* Jungemann, C. 106035
Goto, H. *see* Kuze, N. 114756
Goto, H. *see* Ohno, K. 73380
Goto, H. *see* Sakata, M. 75034
Goto, H. *see* Suzuki, T. 63709
Goto, H. *see* Tanoi, T. 62720
Goto, H. *see* Totani, H. 89098
Goto, H. *see* Wakabayashi, S. 74923
Goto, I. *see* Ibaraki, H. 98945
Goto, K., Murota, J., Honma, F., Matsuura, T., Sawada, Y. Super self-aligned ultrashallow junction formation using selective $Si_{1-x}Ge_x$ CVD in deep-submicron MOSFETs fabrication 63723
Goto, K., Taga, H., Kawazawa, T., Takeda, N., Otani, T., Akiba, S., Abe, H., Tanaka, M. Upgrade experiment on an installed optical amplifier submarine cable system 68396
Goto, K. *see* Fuji, H. 95423
Goto, K. *see* Ida, S. 63444
Goto, K. *see* Iwasaki, S. 95536
Goto, K. *see* Kawazawa, T. 119238
Goto, K. *see* Koyama, M. 64137
Goto, K. *see* Nayak, D.K. 106032
Goto, K. *see* Noto, K. 71586
Goto, K. *see* Sadakata, N. 91772
Goto, K. *see* Tsukamoto, S. 73472
Goto, K.-I. *see* Aoyama, T. 114931
Goto, M., Kuruma, S., Mima, K., Asakawa, M., Imasaki, K., Yamanaka, C. Simulation of a waveguide FEL oscillator using an RF linac 96511
Goto, M., Ohta, Y., Aigo, T., Moritani, A. A small-signal linear equivalent circuit of HEMTs fabricated on GaAs-on-Si wafers 62260
Goto, M., Toyoda, H., Kitagawa, M., Hirao, T., Sugai, H. Lower-temperature growth of hydrogenated amorphous silicon films from inductively coupled silane plasma 104087
Goto, M. *see* Hayama, H. 100241
Goto, M. *see* Shimakawa, K. 94381
Goto, M. *see* Song Chen 104593
Goto, N. *see* Chang-Woo Kim 73749
Goto, N. *see* Chen, S. 66005
Goto, N. *see* Hirokawa, J. 76644
Goto, N. *see* Min, K.-S. 76654
Goto, N. *see* Nemoto, K. 76088
Goto, N. *see* Nemoto, K. 107437
Goto, N. *see* Noguchi, K. 68231
Goto, N. *see* Sakakibara, K. 66170
Goto, N. *see* Sakakibara, K. 108078
Goto, N. *see* Takada, J. 68259
Goto, N. *see* Tanaka, S. 83532
Goto, N. *see* Uchida, H. 108071
Goto, N.-H. *see* Noguchi, K. 117024
Goto, R. *see* Kitajima, K. 65361
Goto, S. *see* Takeuchi, S. 109194

Goto, T. Critical current density of filamentary Y123 superconductor 115897
Goto, T., Hirose, Y., Shiraishi, J., Yamanaka, S. Properties of multi-layered AlN substrate for high frequency devices 83384
Goto, T. *see* Edamatsu, K. 74303
Goto, T. *see* Hanado, Y. 101525
Goto, T. *see* Hiramatsu, M. 72952
Goto, T. *see* Ikeda, M. 113467
Goto, T. *see* Inazaki, K. 109653
Goto, T. *see* Karasaki, T. 111634
Goto, T. *see* Kato, K. 69574
Goto, T. *see* Kitajima, K. 65361
Goto, T. *see* Kono, S. 113295
Goto, T. *see* Nakamura, A. 100330
Goto, T. *see* Nashima, O. 64243
Goto, T. *see* Shen, M.Y. 76133
Goto, T. *see* Singh, B.P. 107408
Goto, T. *see* Takahashi, K. 94733
Goto, T. *see* Takahashi, K. 94757
Goto, T. *see* Takahashi, K. 94758
Goto, T. *see* Tawara, S. 84723
Goto, T. *see* Usami, K. 114983
Goto, T. *see* Yano, S. 76107
Goto, Y. An electrode to record the mouse cornea electroretinogram 90513
Goto, Y. *see* Demus, D. 85133
Goto, Y. *see* Ichiyanagi, K. 81338
Goto, Y. *see* Ouchida, H. 89332
Goto, Y. *see* Saito, H. 119809
Goto, Y. *see* Takai, Y. 73379
Goto, Y. *see* Tarao, R. 85114
Goto, Y. *see* Yamamoto, H. 79625
Gotoda, M., Sugimoto, H., Isu, T., Nunoshita, M. Grown mirrors of InP formed by dry etching and selective CBE regrowth for short cavity lasers 103934
Gotoh, E. *see* Kakimoto, F. 69777
Gotoh, H., Koshiba, M., Kaji, R. Finite element solution of electron waveguide discontinuities and its application to quantum field effect directional couplers 114182
Gotoh, J. *see* Taike, A. 74396
Gotoh, K., Egami, N., Hirano, Y., Sato, F. Field emission characteristics of diamond-like carbon films prepared by electron cyclotron resonance plasma chemical vapor deposition 94176
Gotoh, K. *see* Deura, M. 84593
Gotoh, N. *see* Sugitani, Y. 91979
Gotoh, S., Horikawa, H. Improvement of AlGaAs/AlGaAs interface by in situ low-temperature H_2 annealing, in metalorganic vapor phase epitaxial regrowth 92684
Gotoh, S. *see* Takatsu, N. 73900
Gotoh, S. *see* Takatsu, N. 82196
Gotoh, S.-I. *see* Fukuhara, S. 121201
Gotoh, T., Otsubo, T. Data screening software for laser ranging with automatic noise rejection 99673
Gotoh, T., Otsubo, T. Crustal deformation monitoring system for the Tokyo metropolitan area. Satellite laser ranging system for the Key Stone Project. Design concept of KSP-SLR system. Network and control computer 101539
Gotoh, T. *see* Koyama, Y. 101528
Gotoh, T. *see* Koyama, Y. 101533
Gotoh, T. *see* Kunimori, H. 99671
Gotoh, T. *see* Nonomura, S. 94382
Gotoh, T. *see* Otsubo, T. 101540
Gotoh, Y., Nagao, M., Matsubara, M., Inoue, K., Tsuji, H., Ishikawa, J. Relationship between effective work functions and noise powers of emission currents in nickel-deposited field emitters 114508
Gotoh, Y., Tsuji, H., Ishikawa, J. Liquid gold-antimony ion sources 100781
Gotoh, Y. *see* Ishikawa, J. 74048
Gotoh, Y. *see* Ishikawa, J. 83739
Gotoh, Y. *see* Ohara, J. 84686
Gotou, A. *see* Kurata, K. 78800
Gotou, Y. *see* Hirano, S. 69932
Gotra, Z., Petriv, O., Nevmerzhytska, O. Analog liquid crystal display 100216
Gotro, C. Cement plant improves data handling, cuts fuel use 7 to 10% with distributed PLCs 103053
Gotshal, Y. *see* Simhi, R. 101082
Gotsman, C., Allebach, J.P. Bounds and algorithms for dither screens 108545
Gotsman, C., Lindenbaum, M. On the metric properties of discrete space-filling curves 67092
Gotsman, C. *see* Kaplan, L. 119731
Gotsu, S. *see* Matsumoto, K. 81549
Gotszalk, T. *see* Hudek, P. 63504
Gotszalk, T. *see* Linnemann, R. 69077
Gotszalk, T. *see* Rangelow, I.W. 79336
Gott, B.E.B. Advances in turbogenerator technology 102616
Gott, G.F. *see* Pantjiaros, C.A. 97102
Gotte, C. *see* Wohlsein, J. 91337
Gottert, J. *see* Kohl, M. 84649
Gottesfeld Brown, L.M., Boult, T.E. Registration of planar film radiographs with computed tomography 110705
Gottesman, D. Class of quantum error-correcting codes saturating the quantum Hamming bound 117204
Gottesman, L.D., Milstein, L.B. The performance of a direct-sequence spread-spectrum acquisition system using a linear prediction filter for narrowband interference suppression 118757
Gottesman, L.D., Milstein, L.B. The coarse acquisition performance of a CDMA overlay system 119022
Gottfried-Gottfried, R., Mokwa, W. Microsystem technologies within the Fraunhofer Institute of Microelectronic Circuits and Systems 84654
Gotti, A. *see* Plagemann, T. 118132
Gottlich, H., Heckl, W.M. A novel probe for near field optical microscopy based on luminescent silicon 99936
Gottlieb, D. *see* Abarbanel, S. 61055
Gottmann, O., Kaatze, U., Petong, P. Coaxial to circular waveguide transition as high-precision easy-to-handle measuring cell for the broad band dielectric spectrometry of liquids 69441
Gottschalch, V., Schwabe, R., Franzheld, R., Bente, K., Pietzonka, I., Bigl, F., Hirsch, D. Atomic force microscopy on (001) surfaces of GaAs MOVPE layers 61166
Gottschalch, V. *see* Kovac, J. 100046
Gottschalk, C.M. *see* Berkovski, B. 72112
Gottschalk, S.C. *see* Robinson, K.E. 96553
Gottschlich, M. *see* Hein, M.A. 84890
Gottwald, E., Felder, A., Rein, H.-M., Moller, M., Wurzer, M., Stemuller, B., Plihal, M., Bauer, J., Auracher, F., Zirwas, W., Gaubatz, U., Ebberg, A., Drogemuller, K., Weiske, C., Fischer, G., Krummrich, P., Bogner, W., Fischer, U. Towards a 40 Gb/s electrical time division multiplexed optical transmission system 119203
Gottwald, E. *see* da Silva, V.L. 88630
Gottwald, G., Wiesbeck, W. Near-field coupling calculation in cylindrical structures for conformal patch antenna applications 66059
Gottwald, G. *see* Rostan, F. 66171
Gottwald, G. *see* Stotz, M. 108077
Gotz, A. *see* Santander, J. 119833
Gotz, M.H. *see* Wahrburg, J. 80459
Gotz, R. *see* Lacomme, P. 111407
Gotz, S. *see* Peters, R.-W. 119531
Gotz, W., Johnson, N.M., Bour, D.P. Deep level defects in Mg-doped, p-type GaN grown by metalorganic chemical vapor deposition 74345
Gotz, W., Johnson, N.M., Bremser, M.D., Davis, R.F. A donorlike deep level defect in $Al_{0.12}Ga_{0.88}N$ characterized by capacitance transient spectroscopies 114631
Gotz, W., Johnson, N.M., Chen, C., Liu, H., Kuo, C., Imler, W. Activation energies of Si donors in GaN 74146
Gotz, W., Johnson, N.M., Walker, J., Bour, D.P., Amano, H., Akasaki, I. Remote plasma hydrogenation of Mg-doped GaN 114891
Gotz, W., Romano, L.T., Krusor, B.S., Johnson, N.M., Molnar, R.J. Electronic and structural properties of GaN grown by hydride vapor phase epitaxy 83833
Gotz, W. *see* Neugebauer, J. 114628
Gotz, W. *see* Okadaa, Y. 114617
Gotze, J., van der Veen, A.-J. On-line subspace estimation using a Schur-type method 76989
Gotzelmann, R. *see* Zoller, A. 116186
Gotzfried, R., Itoh, T., Luy, J.F., Schumacher, H. Zero power consumption Si/SiGe HBT SPDT T/R antenna switch 86015
Gou, Y.S. *see* Hsieh, M.C. 64503
Gou Yaxiong, Li Ying Analysis of inverted coplanar waveguide travelling wave optical modulator 95805
Gou Zhenghui *see* Zhu Shengyun 110632
Gou-Chung Chi *see* Shoon-Jinn Chang 106996
Goubert, J. *see* Peeters, R. 118654
Goubran, R.A. *see* Birkett, A.N. 78258
Goud, P.A. *see* Jae Hyung Kim 86033
Goud, P.A. *see* Madan, S. 99282
Gouda, M.G., Haddix, F.F. The stabilizing token ring in three bits 87686
Gouda, M.G. *see* Cobb, J.A. 87415
Goudail, F., Lange, E., Iwamoto, T., Kyuma, K., Otsu, N. Face recognition system using local autocorrelations and multiscale integration 117827
Goudail, F., Refregier, P. Optimal and suboptimal detection of a target with random grey levels imbedded in non-overlapping noise 67067
Goudail, F. *see* Refregier, P. 86962
Goudena, E.J.G. *see* Nanver, L.K. 62298
Goudena, E.J.G. *see* Nanver, L.K. 94930
Goudena, E.J.G. *see* Nanver, L.K. 114711
Goudeseune, F. *see* Artigaud, S. 88597
Goudeseune, F. *see* Artigaud, S. 88650
Goudonnet, J.P. *see* Cerre, N. 100061
Goudy, R. *see* Kusunoki, H. 67098
Gouesbet, G. *see* Mignon, H. 110442
Gouessant, P. *see* Rattay, B. 88110
Gouet, J.-L.Le *see* Le Gouet, J.-L.
Gouezigou, O.Le *see* Le Gouezigou, O.
Gougas, A. *see* Ypsilantis, T. 69752
Gough, C.E. *see* De Melo, M.T. 93736
Gough, C.E. *see* Yang, G. 75313
Gough, J. *see* Cacharelis, P. 63917
Gough, J. *see* Jones, I.P. 74236
Gough, M.P. *see* Miguel Vieira Monteiro, A. 77918
Gough, M.P. *see* Reeder, B.M. 120622
Gough, P.T. *see* Hawkins, D.W. 68711
Gough, P.T. *see* Hawkins, D.W. 111351
Gough, R.A. *see* Lee, Y. 90103
Gougnaud, F. *see* Chehab, R. 89714
Gouguec, T.Le *see* Le Gouguec, T.
Gouhua Li *see* Li Gouhua
Gouin, F., Beaulieu, C., Noad, J. Design and fabrication of a 3×3 optoelectronic integrated switch 85319
Gouinaud, C., Tupin, F., Maitre, H. Potential and use of radar images for characterization and detection of urban areas 111316
Gouinaut, C., Pons, I. Use of geometrical SAR simulation for visibility prediction: application to mission planning and urban study 120894
Goujon, L. *see* Durris, L. 101596
Goujou, E., Miteran, J., Laligant, O. A low cost and intelligent video surveillance system 68932
Gould, C. *see* Sachrajda, A.S. 105412
Gould, C.A. *see* Thomas, M.R. 67967
Gould, C.R. *see* Haase, D.G. 120095
Gould, R.G. *see* Andriole, K.P. 110721
Gould, S., Worth, B., Clinton, K., Millham, E., Keyser, F., Palmer, R., Hartman, S., Zittritsch, T. An SRAM-based FPGA architecture 113853
Goulden, C., Rawlins, L. Process quality costing: a lesson in application 60665
Goulding, F.S., Landis, D.A., Madden, N., Maier, M., Yaver, H. GAMMASPHERE. Overview of detector and signal processing system 100958
Goulding, R.H. *see* Swain, D.W. 76576
Goulermas, Y.J.P. *see* Liatsis, P. 67156
Goulet, A. *see* Thienpont, H. 85190
Goulet, D. *see* Blondin, J.-P. 90624
Goulianos, K. *see* Bagdasarov, S. 69837
Gounelle, C. *see* Brun, A. 114993
Gouni, P., Marchal, N., Jonquire, J.-L., Carlier, T. Description and assessment of integrity performances for LADGPS and WADGPS architectures based on augmented GPS constellations 88771
Gouni, P. *see* Loddo, S. 90725
Gour, M.J., Adgaonkar, C.S. A simple radio telemetry experiment 82108
Gourdon, C. *see* Aaviksoo, J. 63075
Gourdon, C. *see* Aaviksoo, J. 74454
Gourevitch, I.B. *see* Zhuravlev, Yu.I. 67327
Gourezigou, O.Le *see* Le Gourezigou, O.
Gourgon, C. *see* Mariette, H. 72771
Gourgoulis, D.E., Mikropoulos, P.N., Stassinopoulos, C.A. Sparkover voltage of sphere gaps under standard lightning and switching impulse voltages 70982
Gourgue, F., Bellanger, M., Azrouf, S. Radio receivers for cellular networks: Possible architectures using a ΣΔ-converter 68135
Gourlain, P. *see* Pinsard, A. 66035
Gourlay, J. *see* Bodammer, G. 106880
Gourlay, J. *see* Love, G.D. 116128
Gourlay, J. *see* O'Hara, A. 85096
Gourlay, J. *see* Underwood, I. 79631
Gourlay, P.M. *see* Ashoka, H. 78586
Gourley, P.L. *see* Meissner, K.E. 107664
Gournay, J.F. *see* Chehab, R. 89714
Gouronnec, A. Polarization mode dispersion on single optical fibers and cables 68451
Gouronnec, A., Auvray, M., Le Moigne, G., Goarin, R. Characterisation of polarization mode dispersion (PMD) effects on G652 optical fibers 84981
Gourrierec, P.Le *see* Le Gourrierec, P.
Gourrion, J. *see* Elfouhaily, T. 120805
Gouse, R.P., Goutzoulis, A.P. Comparative evaluation of optical and conventional approaches for array antenna beamforming 66149
Gousev, Yu.P., Semenov, A.D., Nebosis, R.S., Pechen, E.V., Varlashkin, A.V., Renk, K.F. Broad-band coupling of THz radiation to an $YBa_2Cu3O_{7-\delta}$ hot-electron bolometer mixer 104839
Gousev, Yu.P., Semenov, A.D., Pechen, E.V., Varlashkin, A.V., Nebosis, R.S., Renk, K.F. Coupling of terahertz radiation to a high-T_c superconducting hot electron bolometer mixer 99976
Gousev, Yu.P. *see* Semenov, A.D. 84907
Gouskov, L. *see* Perotin, M. 114889
Gouskov, L. *see* Podlecki, J. 79433
Goussal, D.M. A second look to CTSC [community teleservice centers] 87551
Goutain, E., Renaud, J.C., Krakowski, M., Glastre, G., Rondi, D., Blondeau, R. 1.55 μm MQW-DFB Q-switch two-section laser for high frequency-short pulse generation 107281
Goutain, E., Renaud, J.C., Krakowski, M., Rondi, D., Blondeau, R., Decoster, D. 30 GHz bandwidth, 1.55 μm MQW-DFB laser diode based on a new modulation scheme 65214
Goutiers, B. *see* Gassot, P. 62974
Goutoule, J.M. *see* Martin-Neira, M. 111288
Goutsias, J., Heijmans, H.J.A.M., Sivakumar, K. Morphological operators for image sequences 77470
Goutsias, J. *see* Krishnamoorthy Sivakumar 77258
Goutzoulis, A., Zomp, J., Johnson, A. Development and antenna range demonstration of an 8-element optically powered directly modulated receive fiber-optic manifold 68460
Goutzoulis, A.P. *see* Gouse, R.P. 66149
Gouveia-Neto, A.S. *see* de Araujo, M.T. 65096
Gouveia-Neto, A.S. *see* de Araujo, M.T. 116717
Gouweleeuw, B.T. *see* van de Griend, A.A. 90753
Gouy, J.P. *see* Van de Casteele, J. 64945
Gouyou Wang *see* Nong Sang 66915
Gouz, I. *see* Alvsvaag, S.J. 90124
Gouzerh, J. *see* Guillot, M. 75156
Gouziegou, O.Le *see* Le Gouziegou, O.

Gouzouasis, P. Video conferencing with preschool children: mass communications media in music instruction 118535
Govaerts, H.J.F.G., van Dooren, G.A.J., Herben, M.H.A.J. On the modelling of electromagnetic wave scattering by a row of cylinders 76431
Govaerts, R. *see* Bosselaers, A. 97530
Gove, R.J. DMD display systems: the impact of an all-digital display 89423
Gove, R.J. The Multimedia Video Processor (MVP): an architecture for advanced DSP applications 93458
Gove, R.J., Hewlett, G.J., Doherty, D.B. The MVP: a single-chip processor for advanced television applications 68866
Gove, R.J., Markandey, V., Marshall, S.W., Doherty, D.B., Sextro, G., DuVal, M. High definition display system based on digital micromirror device 69424
Gover, A. *see* Abramovich, A. 96078
Gover, A. *see* Arensburg, A. 96443
Gover, A. *see* Cohen, M. 96453
Gover, A. *see* Pinhasi, Y. 96517
Gover, A. *see* Pinhasi, Y. 107029
Gover, A. *see* Yakover, I.M. 96523
Goverdhanam, K., Simons, R.N., Dib, N., Katehi, L.P.B. Coplanar stripline components for high frequency applications 93712
Govers, N. *see* Van Nuland, E. 96752
Govind, N. Rule based approximate reasoning for intelligent control 111899
Govinda Raju, G.R. *see* Wu, Z.L. 64133
Govindachar, S. *see* Venkatesh, B. 73350
Govindacharyulu, P.A. *see* Bhattacharyya, A.B. 101436
Govindan, T.R. *see* Meyyappan, M. 63891
Govindan, V. *see* Franklin, M.A. 113210
Govindarajan, G. *see* Tiwari, A.P. 102399
Govindarajan, M. *see* Siala, S. 99505
Govindarajan, M. *see* Srinivasa Rao, M. 99885
Govindarajan, S. *see* Narasimhan, N. 104509
Govindaraju, M.R. *see* Ramesh, A. 64305
Govindaraju, M.R. *see* Ramesh, A. 115576
Govindaraju, S. *see* Kanaka, T.S. 120258
Govindaraju, V., Srihari, S.N. Assessment of image quality to predict readability of documents 66887
Govindarajulu, Z. *see* Utikal, K.J. 72449
Govindasamy, M. *see* Banks, D.R. 92243
Govindiaj, K. *see* Ravichandran, L. 67856
Govoreanu, B. Implementation of AC analysis using an iterative method in the 2D device simulator HFIELDS 63525
Govorkov, A.V., Labutin, O.A. Optical and luminescence properties of stressed layers with quantum wells in GaInAsP/InP heterostructures grown by MOS hydride epitaxy 114762
Govorkov, A.V. *see* Balagurov, L.A. 83813
Govorkov, A.V. *see* Polyakov, A.Y. 83905
Govorkov, A.V. *see* Polyakov, A.Y. 92843
Govorkov, S.A. *see* Lee, J.-G. 75160
Govorov, A. *see* Schmeller, A. 62920
Govorov, A.O. Effects of Coulomb interaction in the magneto-capacitance of quantum wires 62991
Govorov, F.P., Tolkunov, V.P. Magnetic fluxes and inductance of stepup transformer with thyristor control 71386
Gow, A.J., Perovich, D.K. Observations of sea ice physical properties during the sea ice electromagnetics initiative 120855
Gow, A.J. *see* Nghiem, S.V. 120857
Gow, J.A., Manning, C.D. Development of a model for photovoltaic arrays suitable for use in simulation studies of solar energy conversion systems 121901
Gowan, M.K. *see* Gronowski, P.E. 73468
Goward, S. *see* Shock, C.T. 66864
Gowda, S. *see* Ritter, M.B. 78866
Gowdy, J. *see* Jamrozik, M. 97659
Gowdy, J. *see* Logan, J. 97658
Gowdy, J. *see* Richardson, J.B. 108193
Gowdy, J.N. *see* Scordilis, M.S. 76842
Gowdy, S. *see* Bates, R. 80029
Gowdy, S. *see* Bates, R. 120148
Gowdy, S.J. *see* Bates, R.L. 120142
Gowdy, S.J. *see* Bates, R.L. 120149
Gowen, R.A. *see* Chun, H.J. 101003
Gower, A.H., Ross, G.F. The Umgaga challenge [township electrification] 102063
Gower, E. *see* Whitham, K. 89719
Gower, J. *see* Campbell, J.W.M. 120850
Gower, J.F.R. Intercalibration of wave and wind data from TOPEX/POSEIDON and moored buoys off the west coast of Canada 70499
Gower, M.C. *see* Harvey, E.C. 74920
Gower, M.C. *see* Harvey, E.C. 81882
Gowers, J.P. *see* Brotherton, S.D. 84605
Goy, P., Gross, M. Free space vector transmission-reflection from 18 to 760 GHz 76427
Goya, T. *see* Numajiri, K. 104155
Goyal, A. *see* Bernadas, S. 79200
Goyal, A. *see* Rajeswari, M. 75128
Goyal, D.K., Gupta, H.M. Performance evaluation of hierarchical SRMA-ALOHA and SRMA-Poll protocols 108836
Goyal, H.C. *see* Bhat, C.L. 69858
Goyal, K. *see* Sinha, N. 81939
Goyal, N.K. *see* Murthy, S.S. 111977
Goyal, P., Lam, S.S., Vin, H.M. Determining end-to-end delay bounds in heterogeneous networks 118044
Goyal, P., Vin, H.M. Network algorithms and protocol for multimedia servers 87956
Goyal, P., Vin, H.M., Cheng, H. Start-time fair queuing: a scheduling algorithm for integrated services packet switching networks 118060
Goyal, P., Vin, H.M., Shen, C., Shenoy, P.J. A reliable, adaptive network protocol for video transport 88862
Goyal, R. I/O modeling for EMI analysis of high speed digital designs 83512
Goyal, R. *see* Chaku, V. 106975
Goyal, R. *see* Cofield, J. 83672
Goyal, R.K., Goh, W.L., Mital, D.P., Chan, K.L. Invariant element compactness for texture characterization 98143
Goyal, S. *see* Soon, W.B.H. 118692
Goybet, S. *see* Brinkley, A. 72310
Goyet, D., Lapraz, D., Iacconi, P. Application of the CaSO$_4$:Dy phototransfer phenomenon to high temperature dosimetry 101467
Goyette, G., Kuczewski, M., Bush, G.S. Design of waveguide feed components of the 15m×1.5m RADARSAT SAR antenna 66180
Gozdz, A.S., Tarascon, J.-M., Gebizlioglu, O.S., Schmutz, C.N., Warren, P.C., Shokoohi, F.K. A new hybrid polymer electrolyte for lithium-ion rechargeable batteries 81695
Gozdz, A.S. *see* Doyle, M. 81714
Gozdz, A.S. *see* Schmutz, C. 81687
Gozen, T. *see* Fujimura, M. 116433
Gozewski, C.M. *see* Domash, L.H. 96837
Gozewski, P. *see* Lewis, P. 107067
Gozzi, A.C. *see* Finardi, C.A. 93925
Graack, C. Telecom operators in the European Union 98540
Graaf, A.van der *see* van der Graaf, A.
Graaf, B.de *see* de Graaf, B.
Graaf, C.De *see* De Graaf, C.
Graaf, G.de *see* de Graaf, G.
Graaf, R.De *see* De Graaf, R.
Graaf, W.A.van der *see* van der Graaf, W.A.
Graaf, W.De *see* De Graaf, W.
Graaf, W.Van De *see* Van De Graaf, W.
Graaff, H.C.de *see* de Graaff, H.C.
Graas, F.Van *see* Van Graas, F.
Graauw, T.de *see* de Graauw, T.
Grabar, A.A. *see* Odoulov, S.G. 65561
Grabari, M. *see* Dixit, M.S. 101308
Grabb, M.L., Wang, S., Birdsall, T.G. Deterministic three-dimensional analysis of long-range sound propagation through internal-wave fields 90820
Grabchikov, A.S. *see* Gakhovich, D.E. 107491
Grabeldinger, H. *see* Hofmann, R. 116467
Grabener, M. *see* Link, J. 90396
Grabenstetter, J.E. *see* Bos, L.P. 82526
Graber, A. *see* Tews, H. 116217
Graber, H.L. *see* Chang, J. 101250
Graber, H.L. *see* Jenghwa Chang 101135
Graber, J. High gradient superconducting RF systems 100464
Graber, J. *see* Crawford, C. 79853
Graber, J. *see* Pekeler, M. 119967
Graber, T. *see* Naya, J.E. 69895
Graber, W.K. *see* Poggio, L. 111187
Grabherr, M., Weigl, B., Reiner, G., Michalzik, R., Miller, M., Ebeling, K.J. High power top-surface emitting oxide confined vertical-cavity laser diodes 107247
Grabherr, M. *see* Weigl, B. 85523
Grabherr, M. *see* Weigl, B. 107285
Grabherr, M. *see* Weigl, B. 107301
Grabherr, W., Menzel, W. Broadband, low-noise active receiving microstrip antenna 76598
Grabherr, W., Menzel, W. A bidirectional dual-frequency antenna configuration 97333
Grabias, A. *see* Kopcewicz, M. 115480
Grabiec, P. *see* Rangelow, I.W. 79336
Grabinski, H. *see* Winkel, T.-M. 60653
Grabinski, H. *see* Winker, T.-M. 62537
Grabit, R. *see* Autiero, D. 69815
Grablander, T.W. *see* Paik, H.W. 93189
Grabmayr, P. *see* Sauer, M. 110592
Grabolla, T. *see* Ramgopal Rao, V. 106010
Grabolla, T. *see* Weidner, G. 105656
Grabon, V. *see* Daviot, J. 71060
Grabovski, V.V., Prokhorenko, V.I., Yatskiv, D.Ya. Spatial profile of laser beam in antiresonant ring cavity: experimental study 96598
Grabovski, V.V. *see* Bondar, M.V. 76081
Grabovskil, V.V., Prokhorenko, V.I., Yatskiv, D.Y. Experimental investigation of the spatial structure of the beam profile of a laser with a Sagnac interferometer 65170
Grabow, W., Wixforth, T., Ziegler, H. 5.8 GHz phased array antenna for electronic toll collection in road traffic applications 86005
Grabow, W. *see* Buchs, J.D. 118773
Grabowski, C., Gahl, J., Schamiloglu, E. Advances in long-pulse, high power vacuum BWO operation 62626
Grabowski, C. *see* Shimomura, N. 112141
Grabowski, H., Zhuojun Bao Graphic and analytic collision control using polytree representations 97947
Grabowski, J., Hogrefe, D., Nussbaumer, I., Spichiger, A. Improving the quality of test suites for conformance tests by using message sequence charts 118736
Grabowski, K.S. *see* Horwitz, J.S. 106479
Grabowski, W. *see* Williams, R.K. 105991
Grabtchikov, A. *see* Baumhacker, H. 116308
Graca, M.M. The sign regularity of the auxiliary family $g_i(x)=x^{\alpha(i)}(-\ln x)^{\beta(i)}$ in convergence acceleration processes using the E-algorithm 61058
Gracco, V. *see* Adam, W. 69709
Grace, D., Burr, A.G., Tozer, T.C. The effects of building geometric displacement error on urban microcellular ray based modelling 97111
Grace, D., Burr, A.G., Tozer, T.C. Distributed channel assignment strategies using coexistence etiquettes for land based radio environment 119026
Grace, J.L. *see* Bhatia, V. 79480
Grace, M.I. *see* Derian, D.J. 93617
Grace, R. *see* Denes, L.J. 69278
Grace, R.H., Grace, R.H. Automotive applications of microelectromechanical systems (MEMS) 91921
Grace, R.H. *see* Grace, R.H. 91921
Grachev, G.N., Ponomarenko, A.G., Smirnov, A.L., Shulyar'ev, V.B. Multifunctional CO$_2$ laser with average power up to 3 kW and its modern applications 107069
Grachev, G.N., Ponomarenko, A.G., Smirnov, A.L., Shulyat'ev, V.B. Multikilohertz repetition rate cw discharge CO$_2$ laser with average power up to 25 kW 107113
Grachev, V.E. *see* Matveev, A.V. 62777
Gracht, J.Van Der *see* Van Der Gracht, J.
Gracia, J. *see* Wienands, U. 79958
Gracia, L. *see* Dominguez-Hernandez, J. 61101
Graciano, M.L., Jr. *see* Romariz, A.R.S. 104775
Gracias, N. *see* Lima, J.A. 92552
Gracias, S., Reddy, V.U. Wavelet packet based channel equalization 66203
Graczyk, S., Jezewski, J., Wrobel, J., Gacek, A. Abdominal electrohysterogram data acquisition problems and their source of origin 110863
Graczyk, S. *see* Jezewski, J. 110781
Gradinariu, I., Gontrand, C. A fast-settling 3 V CMOS buffer amplifier 73112
Gradinaru, G., Sudarshan, T.S. Surface filamentation in semi-insulating silicon 74104
Gradinaru, G. *see* Khan, M.A. 84677
Gradinaru, G. *see* Madangarli, V.P. 62662
Gradinaru, G. *see* Sudarshan, T.S. 74679
Gradisar, L., Nesic, L., Rajakovic, L. Monitoring of the state of the art of the water-steam system in thermal power plants of the electric power industry of Serbia 91319
Grady, W.M. *see* Lin, D. 81447
Grady, W.M. *see* Preston, E.G. 121075
Graebner, J.E. Measurements of specific heat and mass density in CVD diamond 113416
Graebner, J.E. *see* Azar, K. 104929
Graedel, T.E., Munie, G.C., Stolte, B.K., Wightman, G.C. Applying the DFE toolkit to an electronic switch 72373
Graef, J.R., Karsai, J. On the asymptotic behavior of solutions of impulsively damped nonlinear oscillator equations 72649
Graefe, V. Object- and behavior-oriented stereo vision for robust and adaptive robot control 117774
Graeff, C.F.O., Kawachi, G., Brandt, M.S., Stutzmann, M., Powell, M.J. Spin-dependent transport in amorphous silicon thin-film transistors 94996
Graeff, W. *see* Dix, W.R. 70096
Graeme, A., Plein, M. Broadcast economics–television and the economic effects of the introduction of choice 119376
Graf, D. Charge indicator Taxtel 118644
Graf, D. SwissNet telephone sets Ruby 20, 30 and 40 118681
Graf, F.R., Plagemann, B.H., Maniloff, E.S., Altner, S.B., Renn, A., Wild, U.P. Data compression in Pr^{3+}:Y$_2$SiO$_5$ by frequency-swept pulses 76124
Graf, G. *see* Mancini, P. 120734
Graf, H.-D. *see* Schlott, V. 79831
Graf, H.-H. *see* Tarumi, K. 95873
Graf, H.A. *see* Kim, W.T. 115530
Graf, H.J. *see* Roberts, D.A. 61344
Graf, H.P. *see* Petajan, E. 117908
Graf, J. *see* Bhandal, A. 99113
Graf, M. *see* Wohl, P. 104485
Graf, T., Balmer, J.E. Laser beam quality, entropy and the limits of beam shaping 107484
Graf, W. *see* Forcht, K. 79734
Grafarend, E.W., Krarup, T., Syffus, R. An algortihm for the inverse of a multivariate homogeneous polynomial of degree n 60910
Grafe, M. *see* Oehm, J. 81400
Graffeuil, J., Plana, R. Low frequency noise properties of microwave transistors and their application to circuit design 62262
Graffeuil, J. *see* Andre, Ph. 62310
Graffeuil, J. *see* Galy, C. 62335
Graffeuil, J. *see* Llopis, O. 62277
Graffeuil, J. *see* Llopis, O. 93823
Graffeuil, J. *see* Llopis, O. 114258
Graffeuil, J. *see* Plana, R. 63604
Graffeuil, J. *see* Plana, R. 83408
Graffeuil, J. *see* Roux, J.P. 63598
Graffeuil, J. *see* Verdier, J. 93815
Graffeuil, J. *see* Zanchi, C. 62308
Graffeuil, J. *see* Zanchi, C. 93865
Graffi, S., Masetti, G., Piovaccari, A., Ricci, D., Tartagni, M. Criteria to reduce failures induced from conveyed electromagnetic interferences on CMOS operational amplifiers 95198

Graffi, S. *see* Masetti, G. 93152
Graffi, S. *see* Speciale, N. 115163
Graffitti, R. *see* Peroni, M. 114622
Graffunder, A. Confidence limits for latencies derived from the auditory brainstem response 70105
Grafham, D. *see* Bontemps, S. 82926
Grage, U. *see* Kuhn, A. 109438
Graglia, R.D. Recent developments of numerical techniques for the evaluation of RCS of conducting bodies 65795
Graglia, R.D., Sarto, M.S., Uslenghi, P.L.E. TE and TM modes in cylindrical metallic structures filled with bianisotropic material 97261
Gragnani, G.L. *see* Azaro, R. 103146
Gragnani, G.L. *see* Caorsi, S. 67218
Gragnani, G.L. *see* Caorsi, S. 120364
Gragson, D.E., McCarty, B.M., Richmond, G.L., Alavi, D.S. High-power broadly tunable picosecond IR laser system for use in nonlinear spectroscopic applications 107217
Graham, A. *see* Jones, I.P. 74236
Graham, A.H., Teeter, R.S., Jr., Ficca, J.F., Jr. Determination of composition for electroplated Pd-Ni alloy coatings 69563
Graham, B. *see* Inderhees, S.E. 80073
Graham, B. *see* Inderhees, S.E. 101022
Graham, B.L. *see* Philips, B.F. 90123
Graham, B.L. *see* Philips, B.F. 101023
Graham, C. *see* John, P. 74120
Graham, G., Smith, J. Lessons learned: PATRIOT PLGR integration 70611
Graham, G.D. *see* Jong-Hee Hwang 70088
Graham, J. *see* Byrne, M.J. 70025
Graham, J. *see* Oppermann, I. 78505
Graham, J.D. *see* Protsenko, I.E. 65339
Graham, J.M.R. *see* Jenkins, N.H.A. 102356
Graham, L.A. *see* Chen, R.T. 85318
Graham, L.A. *see* Huffaker, D.L. 85524
Graham, L.A. *see* Oh, T.-H. 114932
Graham, M. *see* Paynter, R. 102544
Graham, M.J. *see* Schmuki, P. 63380
Graham, M.J. *see* Schmuki, P. 69494
Graham, M.P., Kerr, H.W., Weckman, D.C. Laser welding of Zn-coated sheet steels 107644
Graham, M.V. *see* Michalski, J.M. 70219
Graham, R. *see* Pinsard, A. 66035
Graham, R.A. *see* Bauer, F. 106338
Graham, R.L. *see* Chung, F.R.K. 103558
Graham, T. *see* Tokunaga, H. 92103
Graham, W.R. *see* Weitering, H.H. 74456
Grahlmann, B. Verifying telecommunication protocols with PEP 98499
Grahn, H.T., Klann, R., Ruhle, W.W. Temporal-evolution of electric field domain formation in semiconductor superlattices 62855
Grahn, H.T. *see* Agullo-Rueda, F. 74366
Grahn, H.T. *see* Bertram, D. 63048
Grahn, H.T. *see* Hosoda, M. 83957
Grahn, H.T. *see* Kastrup, J. 62969
Grahn, H.T. *see* Kwok, S.H. 63035
Grahn, H.T. *see* Noerenberg, H. 61226
Grahn, H.T. *see* Schrottke, L. 62893
Grahn, H.T. *see* Schwarz, G. 94491
Grahn, H.T. *see* Yaohui Zhang 94522
Graichen, F. *see* Rohlmann, A. 101068
Graillat, B. Millimeter-wave radar: an imagery sensor for landing aid 70344
Graillot, D. *see* Szafnicki, K. 110004
Graillot, H. *see* Thiell, G. 85421
Graindourze, B. *see* Bastos, J. 115192
Graindourze, B. *see* Bastos, J. 115334
Grainger, L.G., McDonald, M.C. Increasing refiner production by using motor thermal capacity for protection and control 91998
Grainger, R.G. *see* Lambert, A. 120778
Grainger, T.E. *see* Marti, L. 111549
Grajal, J., Gismero, J., Mahfoudi, M. MMIC vector modulator for a crossbar BFN 73809
Grajal, J. *see* Alonso, J.I. 99288
Grajal, J. *see* Asensio, A. 109723
Grajewski, F., Stieb, W., Haag, H., Hog, G. Stretch sleeve for optical waveguide earth conductor air-pressure cable 70937
Grall, Y. *see* Rigaudiere, F. 70144
Grambow, P. *see* Biese, G. 105425
Grambow, P. *see* Bollweg, K. 105424
Grambow, P. *see* Nash, G.R. 105419
Gramegna, E. *see* Cicognani, J.W. 60659
Gramegna, G. *see* Beole, S. 110562
Graml, B. *see* Luther, K. 113946
Gramling, J.T. A method for the reduction of waveform distortion 82928
Grammaticos, A. *see* Pimenides, T. 61535
Grammer, W. *see* Lyons, C. 117105
Grammer, W. *see* Pollman, M.D. 90886
Grammer, W. *see* Pollman, M.D. 90893
Grams, M.L. *see* Moosa, M.S. 115266
Gramstorff, B.F. *see* Chen, C.L. 84013
Gramstorff, B.F. *see* Chen, C.L. 94971
Grana, D. *see* Cassinis, R. 117796
Granacki, J. *see* Hom, I. 114413
Granato, E., Kosterlitz, J.M., Nightingale, M.P. Critical behavior of Josephson-junction arrays at f=1/2 95462
Granatstein, V.L., Lawson, W. Gyro-amplifiers as candidate RF drivers for TeV linear colliders 110488
Granatstein, V.L., Nusinovich, G.S., Calame, J., Lawson, W., Singh, A., Guo, H., Reiser, M. Prospects for developing microwave amplifiers to drive multi-TeV colliders 100479
Granatstein, V.L. *see* Abramovich, A. 96078
Granatstein, V.L. *see* Calame, J.P. 100480
Granatstein, V.L. *see* Castle, M. 62604
Granatstein, V.L. *see* Cheng, J. 114518
Granatstein, V.L. *see* Cheng, S. 96501
Granatstein, V.L. *see* Freund, H.P. 107403
Granatstein, V.L. *see* Guo, H. 114537
Granatstein, V.L. *see* Guo, H.Z. 62584
Granatstein, V.L. *see* Guo, H.Z. 62622
Granatstein, V.L. *see* Jerby, E. 107032
Granatstein, V.L. *see* Lawson, W. 100481
Granatstein, V.L. *see* Levush, B. 105079
Granatstein, V.L. *see* Shiqiu Cheng 107369
Granatstein, V.L. *see* Taccetti, J.M. 107374
Granatstein, V.L. *see* Taccetti, J.M. 114521
Grande, G.C. *see* Badoni, D. 83291
Grande, N.K.Del *see* Del Grande, N.K.
Grandell, J. *see* Pulliainen, J. 120679
Grandhi, S.A., Chen, K., Madhavapeddy, S., Basu, K., Shaheen, K., Willhoff, S., Staley, H., Homayoun, F. Spectrum scavenging for indoor microcells 109484
Grandhi, S.A., Ping Yang, Yixin Zhu Hybrid adaptive channel allocation 118953
Grandi, G. *see* Massarini, A. 114349
Grandi, G.De *see* De Grandi, G.
Grandia, W.A., Fortunko, C.M. NDE applications of air-coupled ultrasonic transducers 104207
Grandia, W.A. *see* Schindel, D.W. 104245
Grandin, C. *see* Michel, C. 90490
Grandinetti, L. *see* Conforti, D. 91091
Grandinetti, L. *see* Conforti, D. 92609
Grandjean, F., Hautot, D., Long, G.J., Isnard, O., Miraglia, S., Fruchart, D. A spin reorientation in $Pr_2Fe_{17}D_3$ as revealed by Mossbauer spectroscopy 64213
Grandjean, F. *see* Marasinghe, G.K. 64214
Grandjean, N., Massies, J. Kinetics of surfactant-mediated epitaxy of III-V semiconductors 72796
Grandjean, N., Massies, J., Leroux, M. Nitridation of sapphire: effect on the optical properties of GaN epitaxial overlayers 114904
Grandjean, N. *see* Bouhacina, T. 94337
Grandjean, N. *see* Mesrine, M. 72805
Grando, D., Palchetti, L., Sottini, S., Giorgetti, E. Efficient coupling of a graded index glass guide to a polymer guide by means of a tapered transition 95765
Grando, D. *see* Palchetti, L. 95763
Grando, D. *see* Palchetti, L. 119259
Grando, D. *see* Sottini, S. 75401
Grandori, F. *see* Tognola, G. 120433
Grandpierre, G. *see* Gautheron, O. 68499
Graneau, P.N., Rossi, J.O., Brown, M.P., Smith, P.W. A high-voltage transmission-line pulse transformer with very low droop 102775
Granelli, G.P. *see* Berizzi, A. 101936
Granet, C., James, G.L., Pezzani, J. A new feed system for the Nancay radio telescope 68826
Grangeat, P. *see* Axelsson-Jacobson, C. 80243
Grangeat, P. *see* Azevedo, S. 80317
Grangeat, P. *see* de Murcia, J. 70075
Grangeat, P. *see* Guillemaud, R. 101163
Grangeat, P. *see* Mallon, A. 70073
Granger, E., Blaquiere, Y., Savaria, Y., Cantin, M.-A., Lavoie, P. A VLSI architecture for fast clustering with fuzzy ART neural networks 108353
Granger, M. *see* Almstrum, V.L. 103337
Granger, M.C. *see* DeClements, R. 92817
Granger, M.J., Schroeder, D.L. Integrating the Internet into the business environment 118471
Granger, P. *see* Dolfi, D. 66152
Granger, P. *see* Dolfi, D. 117057
Granger, P. *see* Ferrier, J.M. 68596
Granger, W.E. *see* Rudin, S. 101236
Grangier, P. *see* Marin, F. 96321
Granholm, J. *see* Madsen, S.N. 68633
Granholm, J. *see* Madsen, S.N. 120687
Granitza, B. *see* Laux, S. 107467
Granitza, B. *see* Mann, K. 107447
Grankov, A. *see* Liberman, B. 120883
Granlund, G. *see* Westin, C.-F. 86446
Granlund, S.W. *see* Delavaux, J.-M.P. 68520
Granlund, T. *see* Berggren, M. 75756
Grann, E., Chen, Y., Tsen, K.T., Ferry, D.K., Almeida, T., Chen, Y.P., Faurie, J.P., Slvananthan, S. Transient picosecond/subpicosecond Raman scattering studies of nonequilibrium electron distributions and phonons in CdTe 114623
Grann, E.B., Moharam, M.G. Comparison between continuous and discrete subwavelength grating structures for antireflection surfaces 64871
Grann, E.D., Tsen, K.T., Ferry, D.K., Salvador, A., Botcharev, A., Morkoc, H. Electron velocity overshoot and nonequilibrium phonons in a GaAs-based p-i-n nanostructure studied by transient subpicosecond Raman spectroscopy 62830
Grannell, J.J. *see* Donnabhain, C.A.O. 62145
Grano, K. *see* Arvonen, K. 77756
Granqvist, C.G. *see* Azens, A. 75389
Granqvist, C.G. *see* Stromme, M. 84045
Granstroem, M., Berggren, M., Inganaes, O. Polymeric light-emitting diodes of submicron size-structures and developments 75758
Grant, A., Rimoldi, B., Urbanke, R., Whiting, P. Single user coding for the discrete memoryless multiple access channel 66464
Grant, A.J., Schlegel, C. An iterative multiuser receiver: the consensus detector 67555
Grant, A.J. *see* Whiting, P. 98420
Grant, D. Power semiconductor devices 61633
Grant, D.A. *see* Rashid, T. 121746
Grant, D.M. *see* Tcheir, N. 103114
Grant, E.G. *see* Duerinckx, A.J. 111006
Grant, E.G. *see* Duerinckx, A.J. 111007
Grant, J.T. *see* Li, N.Y. 103882
Grant, J.W. *see* Mott, E. 120368
Grant, K.J. *see* Atanackovic, P.B. 75641
Grant, L.A. *see* Vygovsky, E. 64607
Grant, P.M., Mulgrew, B. Nonlinear adaptive filters: design and application 108253
Grant, P.M. *see* Chen, S. 108747
Grant, P.M. *see* Mulgrew, B. 86299
Grant, P.M. *see* Povey, G.J.R. 99227
Grant, P.M. *see* Sava, H.P. 110930
Grant, P.M. *see* Thompson, J.S. 66718
Grant, P.M. *see* Yoo-Sok Saw 117740
Grant, P.W., Sharp, J.A., Webster, M.F., Zhang, X. Sparse matrix representations in a functional language 61004
Grant, R. *see* Hwang, D.K. 63355
Grant, R. *see* Staffa, J. 63360
Grant, R.S. *see* Chu, K.C. 100369
Grant, W.H., III *see* Carol, M. 70199
Grant, W.H., III *see* Woo, S.Y. 110885
Grantham, J.W. *see* Sene, D.E. 75592
Grantham, S. *see* Delfyett, P.J. 96231
Grantham, S. *see* Richardson, M. 85430
Grantham, S.E. *see* Richardson, M.C. 96234
Grantier, D.R., Gole, J.L. Laser based probes of chemically induced Raman pumping 107050
Granville, D.N. *see* Guenter, J.K. 96310
Granville, D.N. *see* Hawthorne, R.A., III 96434
Granville, S., Mello, J.C.O., Melo, A.C.G. Application of interior point methods to power flow unsolvability 70643
Graovac, D. *see* Katic, V. 71499
Graovac, M. *see* Konrad, A. 65655
Graovac, M. *see* Konrad, A. 107741
Graovac, M. *see* Konrad, A. 114338
Grapperhaus, M.J., Kushner, M.J. An RF sheath model for high plasma density equipment simulations 62547
Grapperhaus, M.J. *see* Kushner, M.J. 105617
Grapsa, T.N., Vrahatis, M.N. A dimension-reducing method for unconstrained optimization 60941
Gras, F. *see* Anh, V.V. 86670
Gras, J.J. *see* Camas, J. 100597
Grasdepot, F. *see* Silveira, J.P. 69340
Grashuis, J.L. *see* Veenland, J.F. 80211
Grasic, I., Paulin, A., Pregelj, A., Jenko, B. Electron source using a high-frequency cavity resonator 100788
Grassberger, P. *see* Schurmann, T. 117112
Grassel, G. *see* Cossmann, H. 87893
Grassel, R.L. *see* Talisa, S.H. 84929
Grasselli, U. *see* Parise, G. 80977
Grasser, B. *see* Hutten, H. 110923
Grasser, H.J. Application of 600 volt soft start motor controllers 91451
Grasserbauer, M. *see* Herzog, S. 84097
Grasserbauer, M. *see* Mittermayr, C.R. 117398
Grasserbauer, M. *see* Nilolov, S.G. 117446
Grasserbauer, M. *see* Spicka, H. 72931
Grassi, G. *see* Brucoli, M. 83288
Grassi, G. *see* Brucoli, M. 114158
Grassi, M. *see* Baldini, A. 62650
Grassi, M.L. *see* Celentano, G. 121922
Grassi, R. *see* Giovannozzi, M. 120020
Grassi, R. *see* Scandale, W. 89826
Grassie, A.D.C. *see* Bird, J.P. 62928
Grassmann, K. Pre-production planning improves board manufacturability 104951
Grasso, A. *see* Bussa, M.P. 69878
Grasso, A. *see* Scandurra, A. 112913
Grasso, G. *see* Grindatto, D.P. 75304
Grasso, R., Lo Faro, F., Pitrone, A., Pitrone, N. Experimental model for testing the distribution system on-line management 102057
Grasza, K., Jedrzejczak, A. Growth stability in high temperature vapour growth 72749
Grasza, K. *see* Laasch, M. 92669
Gratch, J., Chien, S. Adaptive problem-solving for large-scale scheduling problems: a case study 119092
Grate, J.W., Abraham, M.H. Solubility properties of siloxane polymers for chemical sensors 79454
Gratkowski, S., Pichon, L., Razek, A. New infinite elements for a finite element analysis of 2D scattering problems 65784
Gratkowski, S., Pichon, L., Razek, A. Solving scattering problems in EMC analysis using finite and infinite elements 65890
Gratkowski, S., Pichon, L., Razek, A. Infinite elements for 2D unbounded wave problems 76414
Gratta, L. *see* Bernabei, F. 67775
Gratta, L. *see* Bernabei, F. 109671
Grattan, K.T.V. *see* Hu, Y.L. 79516
Grattan, K.T.V. *see* Jiang, X.Q. 89538
Grattan, K.T.V. *see* Katsriku, F.A. 64750
Grattan, K.T.V. *see* Marshall, R.H. 79485
Grattan, K.T.V. *see* Ning, Y.N. 69199
Grattan, K.T.V. *see* Rahman, B.M.A. 64731
Grattan, K.T.V. *see* Rahman, B.M.A. 65965

Grattan, K.T.V. *see* Rajarajan, M. 107981
Grattan, K.T.V. *see* Rizk, M.S. 98245
Grattan, K.T.V. *see* Wang, D.N. 79467
Grattan, K.T.V. *see* Wang Zhengping 119825
Grattan, K.T.V. *see* Wongcharoen, T. 95761
Grattan, K.T.V. *see* Wongcharoen, T. 95768
Grattan, K.T.V. *see* Zhang, W. 100086
Grattan, K.T.V. *see* Zhiyi Zhang 100060
Grattarola, M., Bove, M., Verreschi, G., Martinoia, S., Tedesco, M. The neuro-electronic interface: measurements and model predictions 90609
Grattarola, M. *see* Bove, M. 90495
Grattarola, M. *see* Cambiaso, A. 119754
Grattarola, M. *see* Raiteri, R. 110241
Grattepain, C. *see* Ortion, J.M. 105630
Gratton, S. On the condition number of linear least squares problems in a weighted Frobenius norm 103718
Gratton, S. *see* Chaitin-Chatelin, F. 103717
Gratz, M., Tillman, C., Mercer, I., Svanberg, S. X-ray generation for medical applications from a laser-produced plasma 101220
Gratzek, T., Brannon, B., Murden, F. ADCs for digital receivers: the whole world tunes in 99099
Grau, M.C. *see* Cameron, P.R. 100536
Grauballe, J. *see* Friis, P. 102548
Grauers, A. Efficiency of three wind energy generator systems 111867
Graugaard-Jensen, S. *see* Vandenameele, J. 79169
Grauvogl, M., Aberle, A.G., Hezel, R. 17.1% efficient metal-insulator-semiconductor inversion layer silicon solar cells using truncated pyramids 112397
Gravante, B. *see* Ferzali, W. 68320
Grave, T. *see* Siweris, H.J. 114309
Gravely, R. *see* Suetsugu, Y. 64700
Gravenstreter, G. *see* Chiarulli, D.M. 87757
Graver, C. *see* Gaumont, E. 96069
Graver, C. *see* Joergensen, C. 99458
Gravereau, P. *see* Rougier, A. 71618
Gravert, M. *see* Haes, J. 76540
Graves, B.R., Duncan, W.A., Patterson, S., Yonehara, G.N., Waypa, J. HF overtone chemical laser technology 107064
Graves, D.B. *see* Bukowski, J.D. 63403
Graves, L.W. *see* Shih, A.H. 89439
Graves, W.H. We need Internet II 118423
Graves, W.S., Solomon, L. Harmonic generation FEL magnets: measured b-fields compared to 3D simulations 95574
Graves, W.S. *see* Babzien, M. 96556
Graves, W.S. *see* Solomon, L. 96475
Graves-Morris, P.R., Baker, G.A., Jr., Woodcock, C.F. Cayley's theorem and its application in the theory of vector Padé approximants 60995
Gravesen, P. *see* Branebjerg, J. 74964
Gravey, A., Romoeuf, L., Sevilla, K., Blaabjerg, S. Models for setting ATM parameter values 77709
Gravey, A. *see* Mignault, J. 77711
Gravier, L., Potemski, M., Fisher, A., Ploog, K. Magneto-optical transitions in the presence of a two-dimensional hole gas 63077
Gravier, L. *see* Stepniewski, R. 62861
Gravier, T., Kirtsch, J., d'Anterroches, C., Chantre, A. Fluorine effects in n-p-n double-diffused polysilicon emitter bipolar transistors 105896
Gravier, T. *see* Vendrame, L. 115374
Gravill, N., Jones, P.A. Probe ageing effects and performance [pulse oximetry] 90330
Gravill, N. *see* Metherall, P. 101404
Gravrand, R. System and telecom architecture design methodology 98556
Gravvanis, G.A., Lieitakis, E.A. A three-dimensional explicit preconditioned solver 72633
Graw, G. *see* Rathmann, F. 119987
Grawe, H. *see* Pausch, G. 80022
Grawe, H. *see* Pausch, G. 100928
Grawe, J. Eta–the initiative for energy sense 102346
Gray, A. *see* Cavus, A. 75705
Gray, A. *see* de Carvalho, R.R. 77082
Gray, A. *see* Dhar, N.K. 82698
Gray, A. *see* Li, S.X. 95149
Gray, A.L. *see* Campbell, J.W.M. 120850
Gray, A.L. *see* Vachon, P.W. 120853
Gray, B.L., Fearing, R.S. A surface micromachined microtactile sensor array 79394
Gray, D. *see* Kuroda, T. 73204
Gray, D. *see* Lu, J. 107695
Gray, D.A. Broadband wireless access systems at 28 GHz: Lower infrastructure costs, faster time to market 98913
Gray, E.R. *see* Garnett, R.W. 89998
Gray, F.M. Meter design-factors affecting consumer safety [electricity meters] 102314
Gray, G. *see* Krehbiel, P. 90777
Gray, G.G., Martiny, W.J. Efficiency testing of medium induction motors–a comment on IEEE Std 112-1991 111972
Gray, G.R. *see* DeTienne, D.H. 96367
Gray, H. *see* Palmer, D. 62571
Gray, H.F. Electron source technology behind field emitter displays 89270
Gray, H.F., Shaw, J.L., Temple, D. Chemical-mechanical-polishing: a new method for fabricating low capacitance silicon field emitter arrays with small gate apertures 73985
Gray, H.F. *see* Auciello, O. 74015
Gray, H.F. *see* Garven, M. 74067
Gray, H.F. *see* Hsu, D.S.Y. 74021
Gray, H.F. *see* Palmer, D. 105051
Gray, H.F. *see* Shaw, J.L. 73947
Gray, H.F. *see* Shaw, J.L. 74043
Gray, H.F. *see* Shaw, J.L. 83708
Gray, H.F. *see* Temple, D. 74001
Gray, H.F. *see* Yadon, L.N. 74016
Gray, J. *see* Chi-Kuang Sun 119678
Gray, J.E., Foster, G.J. Filter coefficient selection using design criteria 68548
Gray, J.E. *see* McLean, D. 90483
Gray, J.L., Schwartz, R.J., Lee, Y.-J. A computer modeling study on the effect of an ordered vacancy chalcopyrite compound layer on the performance of a ZnO/CdS/CIS solar cell 112362
Gray, J.O. *see* Downes, C.G. 101434
Gray, J.P. *see* Bergman, L.A. 109585
Gray, J.W., Haydock, F.J. Industrial power quality considerations when installing adjustable speed drive systems 70819
Gray, J.W. *see* von Jouanne, A. 103074
Gray, J.W.D., Pattison, D.A., Kean, P.N., Doran, N.J., Bennion, I. Synchronized mode-locked erbium fibre lasers with intracavity dispersion control using chirped in-fibre Bragg gratings 65094
Gray, K. *see* Mil'shtein, S. 60559
Gray, M.S. *see* Sasaki, H. 95907
Gray, N. *see* Thwaites, J.H. 70279
Gray, P.R. *see* Cline, D.W. 61973
Gray, P.R. *see* Neff, R.R. 61974
Gray, R. *see* Luscombe, A.P. 120733
Gray, R.D. *see* Srivastava, S.K. 120726
Gray, R.M. *see* Chaddha, N. 86722
Gray, R.M. *see* Chaddha, N. 86730
Gray, R.M. *see* Chou, P.A. 66434
Gray, R.M. *see* Chou, P.A. 76785
Gray, R.M. *see* Nash, C.L. 86737
Gray, S., Grudinin, A.B. Passive harmonically modelocked fiber soliton laser with repetition rate above 2 GHz 107148
Gray, S. *see* Grudinin, A.B. 75836
Gray, S.j. *see* Gester, M. 84795
Gray, T.J. Grid supported C foils for tandem terminal beam stripping [tandem accelerator] 79882
Gray, W. *see* von Jouanne, A. 103086
Gray, W.J., Price, J.O. Road lighting management for safety and efficiency 91938
Graydon, F., Jr. *see* Short, T.A. 122110
Grayer, I. *sec* Melaia, R. 121469
Grayson, M., Kurdak, C., Tsui, D.C., Parihar, S., Lyon, S., Shayegan, M. Novel cleaved edge overgrowth structures for tunneling into one- and two-dimensional electron systems 62978
Grayson, M. *see* Brunt, S. 86192
Grayson, M. *see* Enright, R. 85857
Grayson, M. *see* Hirakawa, K. 105263
Grayson, T.P., Myers, L.E., Nelson, M.D., Dominic, V. Synchronous pumping of a periodically poled $LiNbO_3$ optical parametric oscillator 76101
Graziani, M. *see* Capalino, F. 97280
Graziani, S. *see* Baglio, S. 110025
Graziani, S. *see* Baglio, S. 119554
Graziani, S. *see* Carullo, A. 69092
Graziano, A., Miglioli, R., Farina, A. Multiple hypothesis tracking vs. Kalman filter with nearest neighbor correlation: performance comparison 78968
Graziosi, F. *see* Ruggieri, M. 68230
Graziosi, F. *see* Ruggieri, M. 78495
Graziosi, F. *see* Ruggieri, M. 99211
Graziosi, F. *see* Ruggieri, M. 118967
Grazioso, P. *see* Callegati, F. 68315
Grazioso, P. *see* Frullone, M. 99296
Grazioso, P. *see* Frullone, M. 109494
Grbic, A. *see* Brown, S. 82891
Grcar, B. *see* Ritonja, J. 101901
Grcev, L.D., Menter, F.E. Transient electromagnetic fields near large earthing systems 70969
Greally, M.G., Hayne, M., Usher, A., Hill, G., Hopkinson, M. Low-temperature mobility of two-dimensional electrons in (Ga,In)As-(Al,In)As heterojunctions 74330
Greason, W.D. Analysis of the charge transfer of models for electrostatic discharge (ESD) and semiconductor devices 63520
Greason, W.D. Charge and potential control of electrostatic discharge (ESD) and the human body 107747
Greated, C.A. *see* Anderson, D.J. 96864
Greated, C.A. *see* Jakobsen, M.L. 110448
Greathouse, S. Minimal size packaging solutions: A comparison 60641
Greathouse, S. Chip size solutions: a comparison 92218
Greatrix, G.R. *see* Sotoudeh, N. 97973
Greaves, C. *see* Hodges, J.P. 75324
Greaves, D.A. *see* Halkiadis, I.S. 121247
Greaves, D.J. Stability of 8 kHz distribution within ATM25 108751
Greaves, S.D., Unwin, R.T. The influence of bias conditions upon the intrinsic noise parameters of short gate length GaAs MESFETs 62252
Greaves, S.J., Hancock, C.P., O'Grady, K., Lane, A.M. Pulse and low temperature magnetometry of γ-Fe_2O_3 dispersions 115471
Greaves, S.J., O'Grady, K. Determination of pigment dispersion microstructure by magnetic measurements 106493
Greaves, S.J. *see* Hancock, C.P. 115470
Grebe, D. *see* Kaminskii, A.A. 96190
Grebe, T.E. Application of distribution system capacitor banks and their impact on power quality 70881
Grebe, T.E. Power quality and the utility/customer interface 70883
Grebe, T.E. Technologies for transient voltage control during switching of transmission and distribution capacitor banks 111585
Grebe, T.E. *see* Brooks, D.L. 121260
Grebel, H., Gayen, T., Wu, H.-W. Laser-induced etching of Si surfaces: the effect of weak background light 63313
Grebenikov, A.V. Linearization of the electronic frequency tuning characteristics of transistor oscillators over a wide range 104814
Grebenkin, K.F. *see* Barysheva, N.M. 116331
Grebieszkow, J. *see* Bormann, C. 90198
Greblicki, W. Nonlinearity estimation in Hammerstein systems based on ordered observations 66819
Grebner, S. *see* Conde, J.P. 114720
Grebner, S. *see* Koynov, S. 92887
Grebner, S. *see* Popovic, P. 75688
Grebner, S. *see* Schwarz, R. 94973
Grebogi, C. *see* Hayes, S. 97754
Greborio, L. *see* Paoletti, R. 96301
Grechenig, W., Passler, J.M., Fellinger, M., Clement, H.G. Identification and localisation of metal implants by ultrasound in the field of traumatology. An experimental study 80200
Grechikhin, V.A. *see* Burenkov, Yu.A. 79291
Grechin, S.G., Mashkovsky, D.A., Rozhdestvin, V.N., Smirnova, O.A., Sozinov, B.L., Sharandin, E.A. Regenerative amplification in 4-pass laser amplifier on YAG:Nd with PC-SBS mirror 116438
Greco, A. *see* Cellai, L. 100303
Greco, D. *see* Di Dio, M. 83945
Greco, J. Data preparation for interactive electronic program guides 119370
Greco, M.V. *see* Farina, A. 109718
Greczko, E., Kurowski, T., Gientkowski, Z. Mathematical models of 3-phase inverters with taking into account DC circuits 112062
Greczko, E. *see* Kurowski, T. 112516
Greczmiel, M. *see* Meier, M. 75754
Greed, R.B. *see* Phillips, W.A. 62304
Greef, D.De *see* De Greef, D.
Greef, R. *see* Lau, H.W. 94248
Greeff, R.E., Williams, B.H. An analysis and implementation of square-root, raised cosine filters for use with PSK modulated data signals 83215
Green, A. Low maintenance nickel cadmium batteries for standby applications 81726
Green, A. *see* Lanz, E. 70432
Green, B.J., Huguet, M. The ITER project: status and prospects 95511
Green, D. *see* Yuen-Shung Chieh 63461
Green, D. *see* Yuen-Shung Chieh 84222
Green, D.H. Hybrid forms of Reed-Muller expansions 83033
Green, D.R.M. Regulatory demands in the European Union and the impact on US business [EMC] 92098
Green, E.D.H., Evans, E.B. Combined split-cell and linear position sensing diodes 95980
Green, E.D.H., Farinas, A.D., Cordes, A.H., Day, T.O. Self-Aligning Pinhole system 95922
Green, E.D.H. *see* Hu, A.K. 72305
Green, E.J., Krutsch, M.C. An integrated theater battle management C2 architecture based on commercially available software 80714
Green, F., Chivers, M.J. Physics of noise in quantum-confined field-effect transistors 115190
Green, G. *see* Starr, A.F. 70325
Green, G.L. *see* Wildes, R.P. 86334
Green, H., Skinner, M.P. Reducing MCM fabrication costs 83675
Green, J. *see* Thompson, W.H. 114937
Green, J.-M., Klar, H. A CMOS gate array architecture for digital signal processing applications 61734
Green, J.C. *see* Shipley, A.F. 65564
Green, J.T. *see* Charlton, M.T. 120593
Green, K., Donaldson, W.R., Sobolewski, R., Okishev, A., Skeldon, M.D., Letzring, S., Seka, W. Transient microwave bandwidth measurements of illuminated silicon switches for optical pulse-shape control of laser-fusion drivers 96158
Green, K.A. *see* Beard, W.T., Jr. 82303
Green, K.D. *see* Bird, D.J. 110586
Green, K.J. *see* Newnham, C.E. 112219
Green, L. *see* Garvey, D.W. 85657
Green, M. *see* Cline, D.B. 79955
Green, M.A. Photovoltaic solar energy conversion 91743
Green, M.A. Bounds upon grain boundary effects in minority carrier semiconductor devices: a rigorous "perturbation" approach with application to silicon solar cells 102987
Green, M.A., Garren, A.A. Optimization of superconducting bending magnets for a 1.0 to 1.5 GeV compact light source 90041
Green, M.A., Madura, D. Design parameters for a 7.2 tesla bending magnet for a 1.5 GeV compact light source 90040
Green, M.A. *see* Altermatt, P.P. 121878
Green, M.A. *see* Bunce, G. 100643
Green, M.A. *see* Corkish, R. 105862
Green, M.A. *see* Garren, A.A. 79910

Green, M.A. *see* Honsberg, C.B. 103006
Green, M.A. *see* Keevers, M.J. 103007
Green, M.A. *see* Shi, Z. 92775
Green, M.A. *see* Stephens, A.W. 114575
Green, M.A. *see* Wenham, S.R. 102999
Green, M.A. *see* Zhao, J. 103003
Green, M.A. *see* Zheng, G.F. 81903
Green, M.L. Ultrathin gate dielectrics growth for ULSI: RTO or furnace? 63366
Green, M.L. Rapid thermal O_2-oxidation and N_2O-oxynitridation 84175
Green, M.L. *see* Krisch, K.S. 63174
Green, M.L. *see* Ma, Y. 84176
Green, M.I.. *see* Tang, I.T. 92870
Green, M.M. On power transmission of LC ladder filters using active inductor realizations 73532
Green, M.M. An efficient continuation method for use in globally convergent dc circuit simulation 82904
Green, M.M. Comment on "How to identify unstable DC operating points" 93102
Green, M.M., Willson, A.N., Jr. On the relationship between negative differential resistance and stability for nonlinear one-ports 61583
Green, M.M. *see* Prodanov, V.I. 73549
Green, M.M. *see* Walker, P.D. 80126
Green, M.M. *see* Walker, P.D. 93108
Green, M.V. *see* Seidel, J. 90354
Green, P., Biding, T. First TANGO in Paris 99319
Green, P.E., Jr. Optical networking update 78722
Green, P.E., Jr., Janniello, F.J., Ramaswami, R. WDM protocol-transparent distance extension using R2 remodulation 77947
Green, R. Integrated management for call centres 118290
Green, R.E., Jr. *see* Berndt, T.P. 114433
Green, R.E., Jr. *see* Whitney, T.M. 92985
Green, R.J. Picture quality restrictions in HDTV systems 68896
Green, R.J., Qi Pan Digitizing multichannel video signals for lightwave transmission 97879
Green, R.J. *see* Fitz, A.P. 117597
Green, R.J. *see* Khanifar, A. 68496
Green, R.J. *see* Khanifar, A. 109691
Green, R.J. *see* Qi Pan 88614
Green, R.J. *see* Qi Pan 118674
Green, R.J. *see* Warring-Davies, K.J. 120268
Green, R.K. *see* Ahuja, V. 71812
Green, R.P.M., Camacho-Lopez, S., Damzen, M.J. Experimental investigation of vector phase conjugation in Nd^{3+}:YAG 96707
Green, R.P.M. *see* Udaiyan, D. 96204
Green, S., Palethorpe, J.E., Peach, D.E., Bradley, D.A. Development of a calibration facility for test instrumentation in diagnostic radiology 110794
Green, S. *see* Acovic, A. 106206
Green, S.D. *see* Anderson, C.W. 109746
Green, S.van der *see* van der Green, S.
Green, T. *see* Taha, M.H. 102780
Green, T. *see* Taha, M.H. 104306
Green, T.C. *see* He, X. 121558
Green, T.C. *see* He, X. 121561
Green, T.C. *see* Mao, S. 121988
Green, T.C. *see* Soto, D. 121096
Green, T.J., Launsby, R.G. Using DOE to reduce costs and improve the quality of microelectronic manufacturing processes 94115
Greenauer, M. Navy telemedicine initiative 80167
Greenaway, A.H. *see* Blanchard, P.M. 97362
Greenaway, A.H. *see* Erry, G.R.G. 68719
Greenbaum, A., Ptak, V., Strakos, Z. Any nonincreasing convergence curve is possible for GMRES 103737
Greenbaum, A. *see* Cullum, J. 60978
Greenberg, A.G. *see* Rexford, J.L. 87396
Greenberg, B. *see* Egloff, R. 63157
Greenberg, C. Pulse fundamentals with a VXIbus waveform generator 89199
Greenberg, D. *see* Dilmanian, F.A. 90434
Greenberg, D.R., Del Alamo, J.A. Nonlinear source and drain resistance in recessed-gate heterostructure field-effect transistors 93772
Greenberg, H.J. Consistency, redundancy, and implied equalities in linear systems 113189
Greenberg, R.I., Jau-Der Shih Single-layer channel routing and placement with single-sided nets 93030
Greenberg, S., Guterman, H. Neural-network classifiers for automatic real-world aerial image recognition 98193
Greenblatt, M. *see* Shuk, P. 119594
Greene, A., Anerella, M., Cozzolino, J., Escallier, J., Fisher, D., Ganetis, G., Ghosh, A., Gupta, R., Jain, A., Kahn, S., Kelly, E., Lebel, R., Morgan, G., Morgillo, A., Mulhall, S., Muratore, J., Plate, S., Prodell, A., Rehak, M., Sampson, W., Thomas, R., Thompson, P., Wanderer, P., Willen, E. The magnet system of the Relativistic Heavy Ion Collider (RHIC) 90033
Greene, A. *see* Gupta, R. 90038
Greene, A. *see* Morgillo, A. 100448
Greene, A. *see* Mulhall, S. 95576
Greene, A. *see* Thompson, P. 100412
Greene, A. *see* Wanderer, P. 89783
Greene, A.E. *see* Bowers, R.L. 81600
Greene, B. *see* Kunimori, H. 99670
Greene, B. *see* Prochazka, I. 110171
Greene, J.A. *see* Bhatia, V. 79480
Greene, J.A. *see* Bhatia, V. 79486
Greene, J.E. *see* Kitabatake, M. 61239
Greene, J.E. *see* Kitabatake, M. 105221
Greene, J.E. *see* Lee, N.-E. 92707
Greene, J.E. *see* Lee, N.-E. 92709
Greene, J.E. *see* Lee, N.-E. 103839
Greene, J.E. *see* Lu, Q. 113362
Greene, K.J. *see* Bird, T.S. 76620
Greene, N. *see* Balabanian, V. 98448
Greene, P.D., Fice, M.J., Whiteaway, J.E.A., Collar, A.J. Modelling and optimisation of the static saturation characteristics of quantum well semiconductor optical amplifiers 96429
Greene, R. *see* Chandran, K.B. 80202
Greene, R.L. *see* Ogale, S.B. 63693
Greene, W.M. *see* Nauka, K. 106127
Greener, S. EMC compliance for large plant 116932
Greenfield, D. CTI specifications: Squaring off 67711
Greenfield, D. ISDN adapters: Narrowing the choices 67859
Greenfield, D. ISDN routing at remote sites: now it's personal 98932
Greenfield, D. Europe's alternative carriers [leased lines] 118255
Greenfield, S. *see* Chandran, K.B. 80202
Greenfield, T. *see* Hassoun, M. 89179
Greenhalgh, P.A. *see* Gomez-Rojas, L. 64887
Greenhalgh, R.J. *see* Baynham, D.E. 90035
Greenhalgh, R.J.G. *see* Fabbricatore, P. 90191
Greenham, N.C., Shinar, J., Partee, J., Lane, P.A., Amir, O., Lu, F., Friend, R.H. Optically detected magnetic resonance study of efficient two-layer conjugated polymer light-emitting diodes 75764
Greenham, N.C. *see* Baigent, D.R. 64982
Greenham, N.C. *see* Burns, S.E. 75703
Greenham, N.C. *see* Halls, J.J.M. 96024
Greenhough, P. Switched reluctance variable speed drives–a focus on applications 71963
Greenhut, D. *see* Corrie, L. 80708
Greening, D. *see* Ristau, D. 107433
Greenland, P. *see* Asou, S. 91623
Greenleaf, J.F. *see* Allam, M.E. 111388
Greenleaf, J.F. *see* Allam, M.E. 111395
Greenlief, C.M. *see* Klug, D.-A. 94219
Greenly, J.B., Appartaim, R.K., Olson, J.C., Brissette, L., Oliver, B.V., Suden, R.N. Experimental studies on ion diodes and theoretical studies on ion beam focusing by magnetic lens 69700
Greenly, J.B. *see* Davis, H.A. 119971
Greenly, J.B. *see* Hinshelwood, D.D. 69638
Greenly, J.b. *see* Smith, D.L. 89738
Greenly, J.B. *see* Young, F.C. 120123
Greenman, M. *see* Garlick, D.S. 108649
Greenough, N. *see* Bemabei, S. 76629
Greenough, R.D. *see* Prajapati, K. 115560
Greenough, R.D. *see* Pulvirenti, P.P. 75074
Greenside, H.S. *see* Krystal, A.D. 110855
Greenspan, M. *see* Gagnon, E. 108459
Greenspan, M. *see* Tobin, M.E. 109751
Greenspon, A.J. *see* Hsu, S.S. 120500
Greenstein, A. *see* Messica, A. 69213
Greenstein, L.J. *see* Ariyavisitakul, S. 68079
Greenstein, L.J. *see* Ariyavisitakul, S. 68193
Greenstein, L.J. *see* Clark, M.V. 109476
Greenstein, M., Kumar, U. Multilayer piezoelectric resonators for medical ultrasound transducers 90373
Greenstein, M. *see* Lum, P. 90369
Greenstreet, M.R. *see* Weih, D.T. 113904
Greenwald, R.A. *see* Timofeev, E.E. 78976
Greenwald, S.E., Denyer, H.T., Martyn, C.N., Bonner, S.E., Dawson, J.R. Development of an optical technique for the non-invasive measurement of arterial compliance 110802
Greenwald, S.J. *see* Moskowitz, I.S. 76682
Greenwald, Z. *see* Billing, M. 90005
Greenwald, Z. *see* Padamsee, H. 100471
Greenwell, R., Terwilliger, S. Overview of fiber optic system reliability analysis in adverse environments 84983
Greenwood, A., Kanngiessner, K.W., Lesclae, V., Margaard, T., Schultz, W. Circuit breakers for meshed multiterminal HVDC systems. II. Switching of transmission lines in meshed MTDC systems 70845
Greenwood, A. *see* Song, J. 112063
Greenwood, A.D., Ni, S.S., Jin, J.M., Lee, S.W. Hybrid FEM/SBR method to compute the radiation pattern from a microstrip patch antenna in a complex geometry 117018
Greenwood, J. *see* Welham, C.J. 88978
Greenwood, J.G., Hendricks, D.W. Implications on DFM when size reducing the glob top BGA (GTBGA) 99313
Greenwood, N.M. *see* Beck, G.A. 69775
Greer, J. *see* Lewin, I. 89295
Greer, J.A., Vanhook, H.J., Nguyen, H.Q., Tabat, M.D., Gammie, G., Koufopoulos, P. P-53 thin-film phosphors prepared by pulsed-laser deposition 82765
Greer, J.A. *see* Andres, D. 106415
Greer, K.L. *see* Johnson, E.L. 101203
Greer, S.E. Am extended eutectic solder bump for FCOB 114465
Greer, W.L., Matz, T.L. Cement kiln dust enforceable agreement–yes or no? 72360
Greev, L.D. Transient performance of substation grounding grids subjected to lightning current impulse 102929
Greevenbroek, H.R.M.van *see* van Greevenbroek, H.R.M.
Gregan, A. *see* Smeaton, A.F. 67932
Gregg, A., Kaelin, G. Space Station Freedom, technology applications in vehicle electrical power systems 70417
Gregg, B.A. Bilayer molecular solar cells on spin-coated TiO_2 substrates 112390
Gregg, J. *see* Ounadjela, K. 64352
Gregg, J.F. *see* Azizi, A. 75124
Gregg, P.J. *see* Li, P.L.S. 120520
Gregoire, G. *see* Annis, P. 80121
Gregoire, G. *see* Martellotti, G. 80122
Gregoire, G.D. Economics favors adapted ICs over other forms of pin grid array packaging 112956
Gregoire, M.-C., Frouin, F., Lavenne, F., de Dreuille, O., Janier, M., Di Paola, R., Cinotti, L. Evaluation of factor analysis accuracy for myocardial perfusion in PET studies 101324
Gregoire, R. *see* Nurmi, M.A. 109101
Gregor, J. *see* Rannou, F. 77412
Gregor, J.A. *see* Mathew, J. 97343
Gregor, J.A. *see* Mathew, J. 109777
Gregora, P. *see* Liska, D. 119375
Gregori, A.M.Carminelli *see* Carminelli Gregori, A.M.
Gregori, E. *see* Conti, M. 108470
Gregori, E. *see* Conti, M. 109156
Gregoriou, G.K., Tsui, B.M.W., Frey, E.C., Lalush, D.S. Artifacts and sampling requirement in transmission CT reconstruction with truncated projection data 90422
Gregoris, G., Bouton, F., De Keukeleire, C., Siliprandi, P., Baio, F., De Schepper, L., De Ceuninck, W., Tielemans, L., Ahrens, T., Krumm, M. Evaluation on a two-day time scale of high-reliability electronic assemblies by in-situ electrical and opto-mechanical test techniques 112862
Gregoris, G. *see* Riviere, V. 115365
Gregorwich, W. An airborne ground penetrating radar system 79008
Gregorwich, W., Hall, R.A. A multibeam phased array for aircraft 80734
Gregorwich, W.S. *see* Straka, W.C. 88786
Gregory, D. *see* Josephs, L.C. 83557
Gregory, D.A. *see* Erbach, P.S. 86889
Gregory, D.A. *see* Erbach, P.S. 86891
Gregory, D.A. *see* Erbach, P.S. 97874
Gregory, D.A. *see* McClain, J.L., Jr. 75602
Gregory, D.A. *see* Yu, F.T.S. 64841
Gregory, G.D., Curd, E.R. Consideration of motor contribution in series ratings 111892
Gregory, H.J., Ashburn, P., Kennedy, G.P., Robbins, D.J. Electrical characteristics of low thermal budget polysilicon emitters for $Si-Si_{1-x}Ge_x$ heterojunction bipolar transistors 84326
Gregory, I. *see* Birch, K. 78804
Gregory, J.A., Burke, B.E., Cooper, M.J., Mountain, R.W., Kosicki, B.B. Fabrication of large-area CCD detectors on high-purity, float-zone silicon 106055
Gregory, K., Smith, I.R. Mathematical modelling of an automatic voltage regulator 73089
Gregory, K., Smith, I.R. An electrical analogue for a gear box 81935
Gregory, K. *see* Kettleborough, J.G. 103130
Gregory, K.W. *see* HanQun Shangguan 101079
Gregory, R. *see* Hill, J. 74622
Gregory, S. *see* Swingler, D.N. 97838
Grehan, G. *see* Lebrun, D. 79693
Grehan, G. *see* Mignon, H. 110442
Grehk, M. *see* Aristov, V.Y. 114810
Greife, U. *see* Gialanella, L. 100639
Greiff, J. *see* Albers, D. 69756
Greiff, P., Antkowiak, B., Campbell, J., Petrovich, A. Vibrating wheel micromechanical gyro 79303
Greiling, A. *see* Zimmermann, G. 61223
Grein, C.H., Benedek, R., de la Rubia, T. Epitaxial growth simulation employing a combined molecular dynamics and Monte Carlo approach 113390
Grein, C.H., Cruz, H., Flatte, M., Ehrenreich, H. Infrared detectivities of 11 to 17 μm ideal $InAs/In_xGa_{1-x}Sb$ superlattices 69159
Grein, C.H. *see* Ehrenreich, H. 100002
Grein, C.H. *see* Ehrenreich, H. 100035
Grein, C.H. *see* McCahon, S.W. 114797
Grein, H. *see* Krause, M. 121389
Grein, T.C. *see* Crowe, T.W. 62279
Greiner, A. *see* Abdallah, N. 93612
Greiner, A. *see* Combes, M. 73514
Greiner, A. *see* Hillmer, H. 96343
Greiner, A. *see* Hopmeier, M. 75699
Greiner, A. *see* Zerrouk, B. 98515
Greiner, F., Brecht, D., Babst, J.-P., Ziegenbein, J. Intensity coding concepts for sonar images 68733
Greiner, F. *see* Brecht, D. 68725
Greiner, H. Three-phase motors designed for use in potentially explosive atmospheres 111884
Greiner, H. Robust optical coating design with evolutionary strategies 116178
Greiner, H., Grogler, T., Kock, W., Singer, R.F. Chromium based alloys for high temperature SOFC applications 81836
Greiner, H., Shectman, A., Chikyung Won, Elsley, R., Beith, P. Autonomous legged underwater vehicles for near land warfare 90911
Greiner, H. *see* Blum, L. 81764
Greiner, H. *see* Kock, W. 81833
Greisen, F. Ebone and other parts of the European Internet 109001

Greitmann, G., Buser, R.A. Tactile microgripper for automated handling of microparts 84648
Greitmann, G., Buser, R.A. A micromachined gripper with force feedback 112165
Greivenkamp, J.E. *see* Dai, X. 119914
Grekhov, I.V. Problems and possibilities of semiconductor converter equipment based on the reversely connected dynistors (RCD) 71519
Grekhov, I.V., Kozlov, A.K., Korotkov, S.V., Yakovchuk, N.S. High-frequency harmonic oscillator based on reverse-switched dynistors 113800
Grekhov, I.V., Shulekin, A.F., Vexler, M.I. Optimization of the tunnel MIS structure as a hot electron injector 63618
Grekhov, I.V. *see* Bolotov, L.N. 63655
Grekhov, L.L. *see* Kotler, V.R. 121358
Grekov, M.V. *see* Dianov, E.M. 96139
Grelet, F. *see* Ratsep, M. 96831
Grelick, A. *see* White, M. 89764
Grelick, A.E., Arnold, N., Ko, K., Sereno, N., White, M. Phase control and intra-pulse phase compensation of the Advanced Photon Source (APS) linear accelerator 89767
Grelick, A.E. *see* Brauer, S.O. 100740
Grelick, A.E. *see* Sereno, N.S. 89763
Grella, G. Optics is trumps: fiber-optic connections for use in motor vehicles 119159
Grella, L. *see* Di Fabrizio, E. 74658
Grelle, A., Lindroth, A. Flow distortion by a Solent sonic anemometer: wind tunnel calibration and its assessment for flux measurements over forest and field 80643
Grellet, G. *see* Duthummon, S. 71518
Grellet, G. *see* Yahoui, H. 71293
Grellet, G. *see* Yahoui, H. 111940
Gremaud, G. *see* Burnham, N.A. 69512
Gremaud, P.-A. *see* Cockburn, B. 60918
Gremaud, P.-A. *see* Cockburn, B. 61106
Grenander, U. *see* Mark, K.E. 66575
Grenfell, T.C. Microwave and thermal infrared emission from young sea ice and pancake ice 120860
Grenier, D., Bosse, E. Decorrelation performance of DEESE and spatial smoothing techniques for direction-of-arrival problems 76988
Grenier, D., Pigeon, E., Turner, R.M. High-range resolution mono-frequency pulsed radar for the identification of approaching targets using subsampling and the MUSIC algorithm 78987
Grenier, P. *see* Walukiewicz, W. 114639
Grenier, Y. *see* Affes, S. 76917
Grenier, Y. *see* Affes, S. 76980
Grenier, Y. *see* Affes, S. 97593
Grenier, Y. *see* Amand, F. 67997
Grenier, Y. *see* Gazor, S. 76990
Grenier, Y. *see* Naylor, P.A. 98906
Greninger, C. *see* Holmes, R.B. 77196
Grenishin, A.S. *see* Artemov, A.A. 107109
Grenishin, S.G., Cherkasov, Yu.A. Electrographic storage media 115997
Grenko, J.A. *see* Ketelsen, L.J.P. 109608
Grenko, J.A. *see* Kojima, K. 75991
Grenzer, J. *see* Hofbeck, K. 105330
Gresbrand, A. Rational B-splines with prescribed poles 60930
Greshishchev, Y. *see* Sowlati, T. 99197
Greshishchev, Y. *see* Sowlati, T. 114301
Greshishchev, Yu. *see* Sowlati, T. 114326
Gresillon, D. *see* Villain, J.P. 80627
Gresserov, B.N. *see* Strel'chuk, A.M. 72761
Gressmann, A., Friedrich, R. External costs of electricity generation–state of the discussion 102337
Greth, V.N. *see* Biryukov, V.M. 100729
Gretillat, M.-A. *see* Paoletti, F. 74932
Gretillat, M.A. *see* Marxer, C. 85084
Gretsch, R. *see* Dai, X. 81185
Greus, C. *see* Zengerle, R. 107263
Greuter, R.E., Brown, L.O. USS/KOBE 10-in. mill modernization [steel plant] 103182
Greve, A., Baars, J.W.M., Penalver, J., LeFloch, B. Near-focus active optics: an inexpensive method to improve millimeter-wavelength radio telescopes 119348
Greve, D.W. *see* Knight, T.J. 61419
Greve, S.C.van Someren *see* van Someren Greve, S.C.
Grevera, G. *see* Horii, S. 111010
Grevera, G.J., Feingold, E., Horii, S.C., Laufer, I. Implementing desktop image access of GI images 110895
Grewal, M.S., Farrell, J., Barth, M. Application of DGPS/INS to automobile navigation with latency compensation 79034
Grewe, A. *see* Schmidt, K.H. 69627
Grey, D.J., Bialek, J. Parallel factorisation and solution of network equations 101663
Grey, D.J. *see* Bialek, J. 101724
Grey, F. *see* Madsen, S. 84270
Grey, F.N. *see* Christodoulou, C.G. 65830
Grey, R., Mansoor, F., Haywood, S.K., Hill, G., Mason, N.J., Walker, P.J. Growth of GaSb on GaAs/AlAs mirrors for 1.68 μm detectors 119674
Grey, R. *see* Bames, J. 74367
Grey, R. *see* Finley, J.J. 105254
Grey, R. *see* Finley, J.J. 105281
Grey, R. *see* Hayden, R.K. 74394
Grey, R. *see* Peggs, D.W. 62971
Grey, R. *see* Plimmer, S.A. 63545
Grey, R. *see* Plimmer, S.A. 74689
Grey, R. *see* Teissier, R.J. 62854
Greywall, D.S., Yurke, B., Busch, P.A., Arney, S.C. Low-temperature anomalies in the dissipation of small mechanical resonators 63972
Grgic, D. *see* Uglesic, I. 81170
Grgic, M. *see* Bauer, S. 78214
Grianti, F., Montecchia, F. A programmable ventilator for clinical treatments with controlled and assisted ventilations 70220
Grianti, F., Montecchia, F., Di Gari, L., Baldassarri, M. A versatile mechanical ventilator (DIGIT) with high flow stability and a programmable inspiratory phase flow pattern 120521
Grib, A.N. Fractal properties of critical current of a self-similar system of Josephson junctions connected in parallel 95499
Grib, T.E. *see* Krause, K.A. 90712
Gribble, J.J., Kjaer, P.C., Cossar, C., Miller, T.J.E. Optimal commutation angles for current controlled switched reluctance motors 121466
Gribbons, M. *see* Pinello, W. 65818
Gribbons, W.M. The interaction of media and learner 112781
Gribenyukov, A.I. *see* Apollonov, V.V. 85576
Gribin, S., Assaoul, V., Markova, E., Gromova, L., Spesivtsev, B., Bazanov, V. Liquid disinfection using power impulse laser 107675
Gribin, S., Spesivtsev, B. The mechanism of impulse light self-focusing on shock lenses in transparent media 107480
Gribkov, V.L. *sec* Gertsev, K.F. 79893
Gribkovskii, V.P. *see* Voitikov, S.V. 107234
Gribnikov, Z.S., Korshak, A.N., Vagidov, N.Z., Mitin, V.V. Effect of base parameters on the gate-controlled squeeze of a current-conducting region in pnpn structures 74356
Gribok, A.V., Volov, A.N. A neural network for the recognition of noisy acoustic signals and its application in diagnostics of nuclear power plants 71045
Gribov, A.S. *see* Arutyunov, V.A. 69318
Grice, M. *see* Benoit, C. 97641
Grice, S. *see* Gipprich, J. 83511
Gridasov, V. *see* Andriischin, A. 100413
Gridnev, A.I. *see* Konoplev, Yu.V. 81384
Gridneva, G.N. *see* Zamalin, E.Yu. 63378
Gridneva, L. *see* Heimbrodt, W. 74231
Griebel, R. *see* Ban, J. 69810
Griebenow, U. *see* Kunzel, H. 105613
Grieco, D.M., Biederman, W.H. Video overlay on cellular using broadband-CDMA 118844
Grieff, P. SOI-based micromechanical process 74874
Griem, M. *see* Hudson, R. 98284
Griend, A.A.van de *see* van de Griend, A.A.
Griendt, M.A.J.van de *see* van de Griendt, M.A.J.
Griep, P., van den Berg, N., Doelman, J., Starrenburg, R. An epilepsy information system to support routine and research 110870
Griep, S., Keitel-Schultz, D., Schmitt-Landsiedel, D. Design based failure analysis and yield improvement in CMOS-circuits 115324
Griepentrog, G. Occurrence of the switch-on self-synchronisation effect in electromagnetically actuated switchgear 121790
Griepentrog, G. Computational model of the transient pull-in behaviour of electromagnetically actuated switchgear with introduction of a peripheral circuit 121791
Grier, J. *see* Phillips, W.A. 62304
Gries, W. *see* Zanger, E. 107531
Gries, W.H. Ion-implanted surface analysis reference materials: certification of dose densities from 10^{16} to 10^{13} cm^{-2} 94726
Griesche, J. *see* Heimbrodt, W. 74231
Griesche, J. *see* Henneberger, F. 94523
Griese, E. Derivation of an equivalent multiport description of dielectric periodic gratings based on the coupled-wave theory 64176
Griese, E. Equivalent network representation of planar gratings with periodic distribution of dielectric constant 65789
Grieser, M., Roth, M., Eckrich, H., Michel, L., Seelig, W. Time integrated measurements of the spectral line emission of a neon pinch plasma radiation source in the 0.9-1.4 nm wavelength range 120248
Grieser, M. *see* Kleffner, C.-M. 89724
Grieser, M. *see* Rathmann, F. 119987
Grieser, M. *see* Zapfe, K. 120083
Grieshaber, W., Schubert, E.F., Goepfert, I.D., Karlicek, R.F., Jr., Schurman, M.J., Tran, C. Competition between band gap and yellow luminescence in GaN and its relevance for optoelectronic devices 116218
Grieshaber, W. *see* Merle d'Aubigne, Y. 62800
Griesinger, U.A. *see* Hofmann, R. 116467
Griesinger, U.A. *see* Jian Wang 85478
Griesinger, U.A. *see* Jian Wang 107297
Griesmann, U., Bridges, J.M., Roberts, J.R., Wiese, W.L., Fuhr, J.R. Atomic data from plasma based measurements and compilations of transition probabilities 104986
Griessen, R. *see* Schnack, H.G. 110116
Griesser, M. *see* Spicka, H. 72931
Griesser, M.T. *see* Taylor, P.M. 82786
Grieszbach, G. *see* Baresova, E. 69929
Grietens, B., Van Hoof, C., Van Daele, P., Borghs, G. Growth and characterization of mid-infrared InGaAs/InAlAs strained triple-quantum-well light-emitting diodes grown on lattice-mismatched GaAs substrates 116272
Grieve, S.H. *see* Laing, I.A. 90333
Griffel, G., Taskent, D., Arnold, S., Serpenguzel, A., Connolly, J., Morris, N.A. Fiber coupling of DFB laser to micro spherical cavities–a novel approach for frequency control and linewidth quenching utilizing morphology dependent resonances 65387
Griffel, G. *see* Chih-Hsiao Chen 65194
Griffin, D. *see* Georgatsos, P. 87604
Griffin, D.A. *see* Bowen, A.J. 70498
Griffin, D.W. *see* McMillan, R.W. 73713
Griffin, E.L. *see* Pribble, W.L. 83423
Griffin, M. *see* Mandolesi, N. 109844
Griffin, M. *see* Scheider, D. 114347
Griffin, M.J. *see* Holland, W.S. 79101
Griffin, M.J. *see* So, R.H.Y. 79626
Griffin, P. *see* Barnham, K. 102982
Griffin, P. *see* Elliott, S. 118322
Griffin, P.A. *see* Atick, J.J. 98311
Griffin, P.B. *see* Chao, H.S. 74534
Griffin, P.B. *see* Chao, H.S. 114860
Griffin, P.B. *see* Herrera-Gomez, A. 74100
Griffin, P.B. *see* Smeys, P.I.L. 63349
Griffin, P.M., Yee, S.R. A decoding algorithm for unique correspondence in range data acquisition 98297
Griffin, R. Siemens: A partnership for growth in Australia and overseas 87516
Griffin, T. International regulatory accommodation of non-geostationary satellite systems 99407
Griffin, V.S. *see* Myers, E.G. 69704
Griffioen, W. Measurements of mechanical parameters for optical fiber lifetime models 64694
Griffioen, W. Why optical fiber lifetime models need weak-spot statistics 64695
Griffis, D.P. *see* Thaus, D.M. 74900
Griffith, A., Glidles, A., Cooper, J.M. Probing enzyme polymer biosensors using X-ray photoelectron spectroscopy: Determination of glucose oxidase in electropolymerised films 79571
Griffith, C. *see* Wind, J.J. 87625
Griffith, G.W., Menlove, H.O. Design of active-neutron fuel rod scanner 120179
Griffith, J.M. Development and advancements in SC-cut crystals 75064
Griffith, K.A. Enhancing Mexico's information infrastructure 87767
Griffith, M. *see* van Noorden, L. 118602
Griffith, O.T. HF link management 99060
Griffith, T.L. Negotiating successful technology implementation. A motivation perspective 103370
Griffiths, G., Bradley, S., Watson, G., Dupee, B. Acoustic correlation sonar for vertical profiling of ocean currents to a range of 1 km 90814
Griffiths, H. *see* Davies, A.M. 111665
Griffiths, H. *see* Hughes, T.A.T. 80395
Griffiths, H. *see* Hughes, T.A.T. 120463
Griffiths, H.D. Conceptual design of an ultra high-resolution MM-wave synthetic aperture radar 109785
Griffiths, H.D., Voles, R., Clamou, T., Shafeeu, H., Benjamin, R. Synthetic aperture sonar imaging of moving targets 68714
Griffiths, H.D., Wilkinson, A.J. Improvements in phase unwrapping algorithms for interferometric SAR 68678
Griffiths, H.D. *see* Anthony, D.K. 68712
Griffiths, H.D. *see* Khosrowbeygi, A. 69467
Griffiths, H.D. *see* Macedo Filho, A.D. 68597
Griffiths, J.D. The coefficient of variation of queue size for heavy traffic 82383
Griffiths, K. *see* Tang, I.T. 92870
Griffiths, M.V. *see* Baker, D. 80420
Griffiths, N.J., Johnson, K.A., Balasingam Protection auditing of mature electrical systems at nuclear power stations 102362
Griffiths, P.R. *see* Chaffin, N. 79456
Grigg, C. *see* King, R.L. 92093
Grigg, C. *see* Weber, E. 102001
Grigni, M., Mirelli, V., Papadimitriou, C.H. On the difficulty of designing good classifiers 103652
Grigoras, K., Krotkus, A., Pacebutas, V., Kavaliauskas, J., Simkiene, I. Enhanced light absorption in anodically etched silicon wafers 94301
Grigoras, K., Pacebutas, V. Porous silicon fabrication technique for large area devices 74611
Grigoras, K. *see* Jarasiunas, K. 94294
Grigorescu, C.E.A. *see* Manea, S.A. 75679
Grigorescu, F. *see* Mbaye, A. 121467
Grigorescu, S.-D. *see* Oarga, Gh. 81592
Grigorev, A.M. *see* Bogdanov, M.P. 107621
Grigor'ev, A.T. *see* Akhin'ko, I.A. 63959
Grigor'ev, S.A. *see* Gusev, V.K. 107815
Grigorev, V.A. *see* Belousova, I.M. 120767
Grigor'ev, V.D., Dubinov, A.E. Bunching of electron oscillators in a potential well of the vircator type 74058
Grigor'ev, Yu.N., Zelinsky, A.Yu. A mathematical model for investigating chromatic electron beam extraction from a pulse stretcher ring 79961
Grigor'ev, Yu.N. *see* Virchenko, Yu.P. 89885
Grigorian, A.M., Agaian, S.S. New models and nonlinear filters of image restoration 77356
Grigorie, M., de Raad Iseli, C., Krummenacher, F., Enz, C. A circuit for the temperature compensation of capacitive sensors 119606
Grigoriev, D., Karpinski, M., Meyer auf der Heide, F., Smolensky, R. A lower bound for randomized algebraic decision trees 92461

Grigoriev, D.N., Oreshkin, S.B., Ovechkin, R.P., Shwartz, B.A., Yudin, Yu.V. Study of a calorimeter element consisting of a CsI(Na) crystal and a phototriode 120128
Grigoriev, V. *see* Badura, E. 120203
Grigorieva, G.M. *see* Kagan, M.B. 81870
Grigoriscin, I.L., Mukhurov, N.I. Microrelay matrices based on electrostatic operation principle 73840
Grigorishin, I.L., Mukhurov, N.I., Kotova, I.F. Promising direction in making thermoradiation-resistant thermionic vacuum integrated microcircuits 74040
Grigoriu, C. *see* Komi, T. 116328
Grigoriu, C. *see* Miu, D. 72947
Grigoriu, C. *see* Sonegawa, T. 106297
Grigoriu, C. *see* Sonegawa, T. 113461
Grigoropoulos, A. *see* Lawson, W. 105044
Grigoropoulos, C.P. *see* Zhang, X. 105553
Grigoropoulos, S., Gogolides, E., Nassiopoulos, A.G. Highly anisotropic silicon reactive ion etching for nanofabrication with flourine only containing gases 63359
Grigoropoulos, S. *see* Nassiopoulos, A.G. 116246
Grigorov, K.G., Chakalov, R.A., Spasov, A., Benhocine, A., Bouchier, D., Karmanenko, S.F., Dedyk, A.I. Layered structures HTSC/ferroelectric, prepared by sputtering 95480
Grigorova, M. *see* Smilowitz, L. 96612
Grigor'yan, G.M., Ionikh, Y.Z. The influence of replacing He with Ar in working gas mixture on the performance of electric discharge CO laser with liquid nitrogen cooling 116360
Grigor'yan, G.M. *see* Belavin, V.A. 107088
Grigoryan, V.S. Autosoliton communication in fibers with semiconductor amplifiers 109675
Grigsby, S.S. *see* Chen, J.-S. 89174
Grigull, S. *see* Lange, K. 63204
Grill, A., Patel, V.V. Wear resistant fluorinated diamondlike carbon films [for magnetic recording media application] 113486
Grill, D. *see* Diehl, N. 98778
Grill, R. *see* Belas, E. 74237
Grill, R. *see* Belas, E. 74607
Grill, W.M., Mortimer, J.T. Quantification of recruitment properties of multiple contact cuff electrodes 80485
Grilli, A. *see* Kang, S.X. 94854
Grilli, E. *see* Mutti, P. 94262
Grillo, A. *see* Becker, R. 110615
Grillo, A. *see* Gorbold, J.R. 100951
Grillo, A. *see* Unno, Y. 80035
Grillo, A. *see* Unno, Y. 100858
Grillo, D. *see* Anastasi, G. 88274
Grillo, D.C. *see* Kozlov, V. 63061
Grillot, P.N., Ringel, S.A., Michel, J., Fitzgerald, E.A. Structural, electronic, and luminescence investigation of strain-relaxation induced electrical conductivity type conversion in GeSi/Si heterostructures 105246
Grilo, J., MacRobbie, E., Halim, R., Temes, G. A 1.8 V 94 dB dynamic range ΣΔ modulator for voice applications 73484
Grimado, P.B. *see* Gebizlioglu, O.S. 88460
Grimaila, M.R., Pineda de Gyvez, J. Parametric fault identification and dynamic compensation techniques for cellular neural network hardware 114174
Grimaldi, A. *see* Demelio, G. 69742
Grimaldi, D. *see* Avallone, F. 104901
Grimaldi, D. *see* Bernieri, A. 61977
Grimaldi, D. *see* Bernieri, A. 109972
Grimaldi, D. *see* Daponte, P. 61978
Grimaldi, D. *see* Daponte, P. 110074
Grimaldi, M.G., Ravesi, S., Spinella, C., Yan Xinshui Effect of oxygen on the growth of epitaxial ErSi$_{2-x}$ films on Si by the reactive deposition technique 113331
Grimaldi, M.G. *see* Musumeci, P. 84102
Grimaldi, M.G. *see* Scarinci, F. 113321
Grimaldi, U. *see* Carullo, A. 69092
Grimaldi, U. *see* Carullo, A. 90850
Grimalski, O.V. Calculation of the electromagnetic field of shells under the conditions of pronounced shielding 65614
Grimalski, O.V. Method of residuals applied to wire antenna calculations 108010
Grimalski, V., Koshevaya, S., Tsubin, V. The investigation of electromagnetic nonlinear response from diode components 114296
Grimal'skii, O.Y. Method of residuals for calculating wire antennas 85980
Grimalsky, V.V., Kishenko, Ya.J., Shevchenko, T., Koshevaya, S.V., Gutierrez-D, E.A. An integrated surface-oriented P-I-N device designed for quasi optical modulation 83336
Grimani, C. *see* Barbiellini, G. 69722
Grimaud, J., Lai, M., Thorpe, J., Adeleine, P., Wang, L., Barker, G.J., Plummer, D.L., Tofts, P.S., McDonald, W.I., Miller, D.H. Quantification of MRI lesion load in multiple sclerosis: a comparison of three computer-assisted techniques 101274
Grimberg, I. *see* Levit, M. 83974
Grimbergen, C. *see* Lazeroms, M. 80418
Grimbergen, T.W.M. Changes of the electrical calibration factor observed for the NMi graphite calorimeter 83548
Grimble, K. *see* Juodawlkis, P.W. 78698
Grimble, M.J. Robust filter design for uncertain systems defined by both hard and soft bounds 66806
Grimes, C.A. Effect of nucleating layers on the soft magnetic properties of multilayer permalloy films 64355
Grimes, C.A. Fabrication of magnetic thin film structures for control of electromagnetic interference 85893
Grimes, C.A. Efficient radiation from an electrically small antenna: control of higher order modes 85955
Grimes, C.A., Grimes, D.M. A clarification and extension of "Bandwidth and Q of antennas radiating both TE and TM modes" 65997
Grimes, C.A., Hock Jin Lee The use of Co$_{79}$Cr$_{21}$ undercoats for controlling the soft magnetic properties of RF sputtered Permalloy thin films 115533
Grimes, C.A., Lumpp, J.K. The soft magnetic properties of stripes fabricated using laser ablation of multilayer thin films 64384
Grimes, C.A., Lumpp, J.K. Laser processing of magnetically soft multilayer Ni$_{81}$Fe$_{19}$ thin films: control of anisotropy 115619
Grimes, D.M. *see* Grimes, C.A. 65997
Grimes, G.J., Markush, J.P.C., Wong, Y.M., Anthony, P.J., Holland, W.R., Priest, E.G., Sherman, C.J., Peck, S.R., Muehlner, D.J., Faudskar, C.C., Nyquist, J.S., Helton, J.S., Sonnier, G.L., Gates, J.V., Honea, W.K., Bortolini, J.R. Photonic packaging using laser/receiver arrays and flexible optical circuits 116290
Grimes, R.Y., Hopmeyer, J., Cape, E.G., Levine, R.A., Yoganathan, A.P. How sensitive are jet centerline velocities to an opposing flow? Implications for using the centerline method to quantify regurgitant jet flow [laser Doppler anemometry] 80357
Grimes, V.H., Willis, L.T. Meeting the challenge of military avionics procurement in beyond the end of the century 111404
Grimm, C., Waldschmidt, K. KIR–a graph-based model for description of mixed analog/digital systems 113686
Grimm, D. *see* Samson, J.R., Jr. 109789
Grimm, G. *see* Fey, D. 106899
Grimm, K. *see* Hartmann, P. 120119
Grimm, R. *see* Calabrese, R. 79834
Grimm, R.A. *see* Katz, R.A. 69928
Grimm, R.C. *see* Yi Wang 101225
Grimm, T. *see* York, R.C. 79810
Grimmeiss, H.G. *see* Engvall, J. 114783
Grimmeiss, H.G. *see* Jia, Y.B. 94328
Grimmeiss, H.G. *see* Jia, Y.B. 105345
Grimmeiss, H.G. *see* Jia, Y.B. 114599
Grimmeiss, H.G. *see* Jia, Y.B. 114619
Grimmeiss, H.G. *see* Pettersson, H. 63022
Grimmer, D. *see* Lakshmanan, S. 66937
Grimmer, J. *see* Brauer, S.O. 100740
Grimsdale, A.C., Cacialli, F., Gruener, J., Li, X.C., Holmes, A.B., Moratti, S.C., Friend, R.H. Novel poly(arylene vinylene)s carrying donor and acceptor substituents 75702
Grimshaw, A. *see* Lewis, M. 109104
Grimshaw, A.S. *see* Weissman, J.B. 109103
Grimshaw, M.P. *see* Amone, D.D. 105272
Grimshaw, M.P. *see* Brown, S.J. 103914
Grimshaw, M.P. *see* Field, M. 83946
Grimshaw, M.P. *see* Field, M. 105362
Grimshaw, M.P. *see* Patel, N.K. 62900
Grimshaw, M.P. *see* Patel, N.K. 83947
Grimshaw, R., He Jianming, Malomed, B.A. Decay of a fundamental soliton in a periodically modulated nonlinear waveguide 65445
Grimson, W. *see* Laugier, A. 109987
Grimson, W.E.L., Lozano-Perez, T., White, S.J., Wells, W.M., III, Kikinis, R., Ettinger, G.J. Automated registration for visualization in surgery 80185
Grimson, W.E.L., Ratan, A.L., Klanderman, G., O'Donnell, P.A. An active visual attention system to play "Where's Waldo" 77320
Grimson, W.E.L. *see* Ettinger, G.J. 110704
Grimson, W.E.L. *see* Wells, W.M., III 101186
Grinberg, V. *see* Jerby, E. 107032
Grinberg, V.S., Siegel, M.W. Geometry of binocular imaging. III. Wide-angle and fish-eye lenses 98217
Grinchenko, V.T., Krasny, L.G., Kriganovskii, V.V. Algorithms of breath sound sources image reconstruction 120374
Grinchenko, V.T. *see* Vovk, I.V. 120375
Grindatto, D.P., Daeumling, M., Grasso, G., Nissen, H.U., Fluekiger, R. TEM study of hot deformation effects on (Bi,Pb)$_2$Sr$_2$Ca$_2$Cu$_3$O$_x$ silver-sheathed tapes 75304
Grinde, R.B., Cavalier, T.M. Containment of a single polygon using mathematical programming 82496
Grindel, M. *see* Bundschuh, B.O. 120773
Grindley, R. *see* Brown, S. 82891
Grindrod, E.A. *see* Sharp, B.A. 68071
Grindstaff, B. *see* Coates, D.K. 112206
Grindstaff, B.K. *see* Coates, D.K. 111062
Grinev, A.Iu., Zaikin, A.E., Chebakov, I.A. Millimeter wave phased array with optical or electron beam control 66163
Grinev, A.Iu. *see* Voskresenskii, D.I. 68675
Grineva, L.D. *see* Alyoshin, V.A. 106314
Grinevich, V.S., Smyntyna, V.A. The analysis of electrical processes in semiconductor cadmium selenide layers, caused by the structural transformations. Possible applications 62710
Grinevitskaya, O.V. *see* Mikhailov, V.N. 96825
Grinstaff, M.W. *see* Eckburg, J.J. 80411
Grinyov, B. *see* Globus, M. 80052
Grinyov, B. *see* Globus, M. 100887
Grinyov, B.V. *see* Viday, Y.T. 100884
Grinyova, L.D. *see* Fesenko, E.G. 106312
Grion, N. *see* Agnello, M. 110583
Grion, N. *see* Smith, G.R. 120229
Grioropoulos, C. *see* Tam, A.C. 115759
Grisar, R. *see* Lambrecht, A. 69246
Griscom, D.L. γ and fission-reactor radiation effects on the visible-range transparency of aluminum-jacketed, all-silica optical fibers 106776
Griscom, D.L. γ-ray-induced optical attenuation in Ge-doped-silica fiber image guides 106810
Griscom, D.L. Radiation hardening of pure-silica-core optical fibers by ultra-high-dose γ-ray pre-irradiation 106811
Griscom, D.L., Golant, K.M., Tomashuk, A.L., Pavlov, D.V., Tarabrin, Yu.A. γ-radiation resistance of aluminium-coated all-silica optical fibers fabricated using different types of silica in the core 85004
Grisel, A. *see* Demame, V. 69362
Grisel, R. *see* Giraud, N. 98127
Grishaev, M.V. *see* Zuev, V.V. 120774
Grishaev, S.I., Ignatov, S.M., Maslennikov, L.A., Tisnek, N.I., Urutskoev, L.I. Scintillator-photodiode gamma detectors based on high-resistance silicon wafers 69796
Grishchenko, T.G., Dekusha, L.V. Calorimetric bridge schemes for thermophysical measurements under steady-state thermal conditions 89544
Grishin, K.V. *see* Al'khovskii, E.A. 88075
Grishin, K.V. *see* Berezhnaya, I.V. 85952
Grishin, M.P. *see* Bikmatov, R.R. 79245
Grishin, S.D. *see* Onufriev, V.V. 104980
Grishin, V.K., Chepurnov, A.S., Gudkov, K.A., Ishkhanov, B.S., Kosterin, S.A., Lasutin, E.V., Blazhevich, S.V., Nasonov, N.N. X-ray radiation by relativistic electrons in condensed media on base of MSU race-track microtron 79907
Grishin, V.K., Ishkhanov, B.S., Novikova, T.A., Shvedunov, V.I. Free electron laser–FEL–study in Institute of Nuclear Physics of MSU 79876
Grishin, V.M. *see* Bagulya, A.V. 90150
Grishin, Y.P., Sokolov, A.I., Yurchenko, Y.S. Robust detection of impulse signals in random impulse interferences 66724
Grishina, V. Synthesis of multilayer optical coatings with prescribed spectral characteristics in a specified range of light incidence angles 106927
Grison, P., Kieny, J.-C., Rioual, M. The ferroresonance, a phenomenon sometimes chaotic 91587
Grist, T.M. *see* Polzin, J.A. 70094
Griswold, E.M., Weaver, L., Sayer, M., Calder, I.D. Phase transformations in rapid thermal processed lead zirconate titanate 75024
Griswold, M.S. *see* Abernathy, P.C. 109739
Griswold, N.C. *see* Chen, W. 97687
Gritsevskii, A. *see* Messner, S. 91258
Gritskevich, O.V., Meshcheryakov, N.A., Pod'yapol'skii, Y.V. Precision laser processing of curved surfaces of revolution 85784
Gritten, M.P., Burns, D., Evans, J.M., Lamb, K., Yelland, C., Sibbett, W. All-solid-state femtosecond Cr^{3+}:LiSAF lasers pumped at 532 nm and 670 nm 65162
Gritter, D. *see* Erkuan Zhong 121776
Gritz, E.E., Ide, T. Second generation of miniature CRT's for addressing LCLVs 89225
Gritzalis, D. *see* Katsikas, S. 78067
Griva, G. *see* Donescu, V. 121936
Griva, G. *see* Donescu, V. 122002
Griva, G. *see* Fodor, D. 71773
Griva, G. *see* Ilas, C. 112445
Griva, G. *see* Kandianis, A. 112476
Griva, G. *see* Profumo, F. 122049
Grivei, E. *see* Bayot, V. 74382
Griwodz, C. *see* Cossmann, H. 87893
Grizzle, J.W. *see* Chandhok, M. 63387
Grizzle, J.W. *see* Elta, M.E. 63389
Grmanova, A., Buc, D., Vanek, O., Racko, J. Universal supporting micromechanical module for chemical sensors 106264
Grmanova, A., Vackova, S., Racko, J., Breza, J. A novel approach to the charge transport through Au/p-CdTe Schottky diodes 105881
Groark, F.M. *see* Hassell, F.R. 65395
Grob, A., Rohr, P., Mariani, G., Sevely, J., Grob, J.J. Kinetics of impurity gettering on buried defects created by MeV argon implantation 94660
Grob, A. *see* Kantor, Z. 94690
Grob, A. *see* Mangelinck, D. 63432
Grob, J.J. *see* Grob, A. 94660
Grob, J.J. *see* Kuznicki, Z.T. 94700
Grob, J.J. *see* Simon, L. 94664
Grob, U. *see* Dousse, C. 88305
Grobbelaar, G.B. *see* Phillips, A.J. 100263
Grobelny, J.M., Menon, V. Improving yield and process control through the use of real-time in situ process monitors 103410
Grober, R.D. *see* Karrai, K. 100078
Grobicki, C., Ulm, J.M. UniLINK as a media access protocol for community cable TV 118140

Grobkopf, H. *see* Kaiser, D. 78827
Grobner, O. Technological problems related to the cold vacuum system of the LHC 100404
Grobner, O. *see* Calder, R. 94167
Grobnic, D.M., Puscas, N.N. Study of the amplified emission noise reconstruction of Er,Ti:LiNbO$_3$ waveguides 116435
Grobnic, D.M., Puscas, N.N., Popescu, I.M. Transversal distribution of the stochastic properties of an Er^{3+}-doped Ti:LiNbO$_3$ waveguide amplifier 85451
Grobnic, D.M. *see* Puscas, N.N. 79746
Grochal, P. *see* Dakir, A. 71779
Grochowski, E., Hoyt, R.F. Future trends in hard disk drives 64416
Groden, M. *see* Corbett, F. 109807
Grodkiewicz, W.H. *see* de Barros, M.R.X. 65095
Grodski, J.J. *see* Rastogi, A. 100224
Grodzins, L. *see* Niemela, A. 101209
Grodzinski, P. *see* Biefeld, R.M. 82650
Grodzinski, P. *see* Fan, L. 65005
Groebli, B. *see* Conde, R. 64670
Groen, E., Bos, J.E., Nacken, P.F.M., de Graaf, B. Determination of ocular torsion by means of automatic pattern recognition 69951
Groen, F.C.A. *see* Petriu, E.M. 108349
Groen, F.C.A. *see* Schram, G. 98170
Groen, F.C.A. *see* Van Der Heiden, R. 80730
Groen, F.C.A. *see* Vos, F.M. 110659
Groen, F.H. *see* van Dam, C. 106833
Groen, F.H. *see* Wei, C. 95725
Groen, H.B. *see* Fransen, M.J. 73966
Groen, P.de *see* de Groen, P.
Groenen, J. *see* Ponchet, A. 61292
Groenen, W. GSM and beyond digital cellular technology opening mass markets for personal mobile services 109570
Groenenboom, P.H.L. *see* van der Weijde, P.J. 82772
Groeneveld, A.W. *see* Legtenberg, R. 115387
Groeneveld, C.M. *see* Colpaert, C. 85123
Groeneveld, R.H.M., Rasing, T., Kaufmann, L.M.F., Smalbrugge, E., Wolter, J.H., Melloch, M.R., Van Kempen, H. New optoelectronic tip design for ultrafast scanning tunneling microscopy 69425
Groeneveld, R.H.M., van Kempen, H. The capacitive origin of the picosecond electrical transients detected by a photoconductively gated scanning tunneling microscope 119824
Groeneveld, R.H.M. *see* Prins, M.W.J. 64461
Groenewald, J.J., Taute, B.J.E. Dielectric heating in the South African industry 122082
Groenewald, J.J. *see* Rossouw, M.J. 119838
Groenewold, G. *see* Sands, N.P. 73578
Groenhout, E.G. *see* Johnson, M. 118323
Groenig, P. *see* Venkatesan, V. 113730
Groeseneken, G., de Wolf, I., Bellens, R., Maes, H.E. Charge pumping of single interface traps in submicron MOSFET's 63680
Groeseneken, G. *see* Al-kofahi, I.S. 95029
Groeseneken, G. *see* Bellens, R. 106186
Groeseneken, G. *see* Degraeve, R. 95253
Groeseneken, G. *see* Degraeve, R. 115369
Groeseneken, G. *see* Degraeve, R. 115405
Groeseneken, G. *see* Ogier, J.L. 84606
Groeseneken, G. *see* Russ, C. 115221
Groeseneken, G. *see* Van Houdt, J. 83117
Groeseneken, G. *see* Verhaege, K. 116815
Groeseneken, G.V., De Wolf, I., Bellens, R., Maes, H.E. Observation of single interface traps in submicron MOSFET's by charge pumping 63738
Groetzschel, R. *see* von Borany, J. 110580
Groff, D.De *see* De Groff, D.
Groger, H. *see* Weiss, M.N. 79321
Groger, H. *see* Weiss, M.N. 99929
Groger, H.P. *see* Lo, K.P. 79492
Grogler, T. *see* Greiner, H. 81836
Grogler, T. *see* Heinrich, G. 72918
Grognet, V. *see* Rattay, B. 88110
Grognet, V. *see* Rogeaux, E. 62363
Grohmann, K. *see* Luther, H. 119933
Grohmann, K. *see* Rusby, R.L. 119527
Groiss, S., Bardi, I., Biro, O., Preis, K., Richter, K.R. Parameters of lossy cavity resonators calculated by the finite element method 62190
Groiss, S., Bardi, I., Biro, O., Preis, K., Richter, K.R. Finite element analysis of multiport filters by using perfectly matched layers 93748
Grokhovskii, V.I. *see* Kamenin, I.G. 67173
Grolmus, E. *see* Rebolledo, M.A. 65089
Gromadin, A.L. *see* Ivanova, N.L. 106881
Gromashevskii, V.L. *see* Ermolovich, I.B. 61343
Gromilin, G.I., Kosykh, V.P., Peretyagin, G.I. Automated system for human karyotype construction 70052
Gromilov, S.A. *see* Bessergenev, V.G. 104131
Gromme, T. *see* Hendrickson, L. 100556
Gromov, D.G. *see* Pavlov, G.Ya. 105650
Gromov, D.V., Elesin, V.V., Maltcev, P.P., Nikiforov, A.Y., Polunin, V.A. Radiation effects in resonance-tunnel diode structures 105889
Gromov, K.Ya. *see* Fominykh, V.I. 69875
Gromov, V.D. *see* Kosov, A.S. 101561
Gromov, V.D. *see* Kosov, A.S. 111192
Gromova, L. *see* Gribin, S. 107675
Gromzin, M.M. A relative principle for classifying interference 85890
Gronalt, M. *see* Gunther, H.O. 94107
Gronbech-Jensen, N. *see* Blackburn, J.A. 75359
Grondin, F. *see* Lavoie, J.L. 92366
Grondin, P. *see* Stroman, P.W. 80346
Grondin, R. *see* Kamwa, I. 70703
Gronert, E. Global mobile communications 99349
Gronhovd, S.M. *see* Mehta, S.I. 112752
Gronley, J.K. *see* Rao, S.S. 110946
Gronowski, P.E., Bannon, P., Bertone, M.S., Blake-Campos, R.P., Bouchard, G.A., Bowhill, W.J., Carlson, D.A., Castelino, R.W., Donchin, D.R., Fromm, R.M., Gowan, M.K., Jain, A.K., Loughlin, B.J., Mehta, S., Meyer, J.E., Mueller, R.O., Olesin, A., Pham, T.N., Preston, R.P., Rubinfeld, P.I. A 433 MHz 64 b quad issue RISC microprocessor 73468
Gronquist, J.F., Alvarado, F.L., Sethares, W.A., Lasseter, R.H. Stabilizing local control strategies for TCSC devices using improved models 91094
Groom, C.G., Chan, K.W., Dunn, R.W., Daniels, A.R. Real-time security assessment of electrical power systems 70737
Groom, F.M. Implementing an enterprise ATM network 87731
Groom, F.M. *see* Hibner, D. 87644
Groom, J. *see* Ayre, R.W. 78844
Groom, K. From turbo prop to power plant 91361
Groombridge, P. *see* Liu, F. 91946
Groos, G. *see* Kelly, M.K. 105687
Groot, C.A.De *see* De Groot, C.A.
Groot, F. *see* Mouthaan, T. 84229
Groot, M.De *see* De Groot, M.
Groot, S.M.Heemstra de *see* Heemstra de Groot, S.M.
Groot Koerkamp, M., Kirilyuk, A., de Jong, W., Rasing, T., Ferre, J., Jamet, J.P., Meyer, P., Megy, R. Nonlinear magneto-optical Kerr effect study of quantum-well states in an Au overlayer on a Co(0001) thin film 75172
Groote, J.F., Van de Pol, J. A bounded retransmission protocol for large data packets. A case study in computer checked algebraic verification 118143
Groothuis, S.K., Stierman, R.J., Heinen, K.G. Mechanical characterization of epoxy resins used in IC packages 112974
Grootoonk, S. *see* Bailey, D.L. 101108
Groover, R. *see* Chowdhury, A. 103436
Groover, R. *see* Guenin, B.M. 103438
Groppe, H. *see* Jonuscheit, H. 72315
Groppe, H. *see* Thoma, R.S. 108268
Groppelli, S. *see* Di Natale, C. 119765
Gros, P. *see* Lamiroy, B. 67225
Gros, X.E. Some aspects of electromagnetic testing of composites 104231
Groschl, M. *see* Thalhammer, R. 69070
Groshart, G., Armstrong, C., Smith, C., Pierce, G., Duthie, J. Microwave power module–a pocket sized transmitter 68044
Groshart, G. *see* Whaley, D.R. 105076
Groshenko, N.A. *see* Volyar, A.V. 116032
Grosmaire, S. *see* Delorme, F. 76035
Grosmaire, S. *see* Delorme, F. 85498
Grosman, A. *see* Cantin, J.L. 94259
Grosnick, D. *see* Huang, H. 119985
Grosof, B. *see* Gilbert, D. 87820
Gross, A. *see* Albers, D. 69756
Gross, A. *see* Latecki, L. 86801
Gross, B., Manassah, J.T. Effects of spatio-temporal coupling on pulse propagation in nonlinear defocusing medium 65537
Gross, B., Manassah, J.T. Propagation of femtosecond pulses in focusing nonlinear Kerr planar waveguides 95714
Gross, B. *see* Breide, S. 67884
Gross, B. *see* Manassah, J.T. 65425
Gross, B. *see* Manassah, J.T. 96676
Gross, C.A. EMAP: An aid to understanding energy conversion device performance 60461
Gross, C.A. *see* King, R.L. 92093
Gross, D.G. *see* Kersey, A.D. 89124
Gross, D.W. *see* Fruth, B.A. 102648
Gross, D.W. *see* Henningsen, C.G. 121167
Gross, G. *see* Mattison, T.S. 100719
Gross, H., Mieke, S., Ulbrich, M. An arm phantom: a digital simulation system for testing sphygmomanometers 101061
Gross, H.-M. *see* Harnker, F.H. 108617
Gross, M. *see* Bazylenko, M.V. 72888
Gross, M. *see* Bazylenko, M.V. 75398
Gross, M. *see* Bazylenko, M.V. 116074
Gross, M. *see* Fishbein, E.F. 120780
Gross, M. *see* Goy, P. 76427
Gross, M. *see* Moss, D. 106823
Gross, M. *see* Zheng, G.F. 81903
Gross, M.D. *see* Citrin, W.V. 77524
Gross, M.E. *see* Martin, P.M. 91762
Gross, R., Gerdemann, R., Alff, L., Bauch, T., Beck, A., Froehlich, O.M., Koelle, D., Marx, A. Physics and performance of high temperature superconducting vortex flow transistors 64557
Gross, R.S. *see* Barrett, R. 72980
Gross, T. *see* Ludwig, M.H. 114936
Gross, T.S. *see* Zhmurkin, D.V. 94812
Gross, V.P., Voldman, S.H., Guthrie, W.H. ESD qualification and testing of semiconductor electronic components 112944
Gross-Hardt, R. *see* Albers, D. 69756
Gross-Thebing, A. *see* Lange, M. 71824
Grossberg, P. *see* Hendrickson, L. 100556
Grosse, E. Network programming and CSE 78061
Grosse, G., Kopf, E. Shaft vibration diagnosis in condition-based monitoring 102502
Grosse-Holz, K.-O., Cillessen, J.F.M., Prins, M.W.J., Blom, P.W.M., Wolf, R.M., Feiner, L.F., Waser, R. Semiconductive behavior of Sb doped SnO$_2$ thin films 74285
Grosse-Holz, K.-O., Cillessen, J.F.M., Waser, R. Electrical characterization of semiconducting La doped SrTiO$_3$ thin films prepared by pulsed laser deposition 94378
Grosse-Holz, K.-O. *see* Cillessen, J.F.M. 92864
Grosse-Holz, K.-O. *see* Prins, M.W.J. 75056
Grosse-Holz, K.O. *see* Wolf, R.M. 95302
Grosse-Wiesmann, P. *see* Assmann, R. 79970
Grossetie, J.-C. *see* Morucci, S. 96797
Grossglauser, M. Optimal deterministic timeouts for reliable scalable multicast 87468
Grossglauser, M., Bolot, J.-C. On the relevance of long-range dependence in network traffic 118059
Grossglauser, M., Keshav, S. On CBR service 87393
Grossglauser, M., Keshav, S., Tse, D. The case against variable bit rate service 117913
Grossi, A., Latecki, L. Digitizations preserving topological and differential geometric properties 77473
Grossi, A. *see* Auricchio, C. 115341
Grosskopf, G. *see* Braun, R.P. 88236
Grosskopf, R. *see* Hoeher, P. 88800
Grossman, A.G., Pron', G.P. Design of a shield for fluidized bed furnaces [for steam power plants] 71126
Grossman, C. *see* Lum, P. 90369
Grossman, E.N. *see* Berkowitz, S.J. 115962
Grossman, J.P. *see* Hutton, M. 83020
Grossman, R. *see* Kundel, H.L. 111008
Grossman, R. *see* Listerud, J. 120346
Grossman, R. *see* Woo, S.Y. 110885
Grossman, S. *see* Dror, I. 116924
Grossmann, K. *see* Hasse, H. 82015
Grosso, S. *see* Volta, E. 99869
Grossoni, M., Palmisano, F. Power storage for telecommunication systems 98526
Grosu, R., Stolen, K. A model for mobile point-to-point data-flow networks without channel sharing 118438
Grosz, S.I., del C. Lasprilla A, M., Zerbino, L.M., Bolognini, N. Output visibility of the birefringence encoded 1-D image in a BSO crystal 119728
Grot, S.A., Hedstrom, J.C., Vanderborgh, N.E. Evaluation of the humidification requirements of new proton exchange membranes for fuel cells 112328
Grote, D. *see* Karpenko, V. 89695
Grote, D. *see* Yu, S. 89736
Grote, D.P., Friedman, A., Haber, I. Three dimensional simulations of a small induction recirculator accelerator 89693
Grote, D.P. *see* Fessenden, T.J. 89691
Grote, D.P. *see* Friedman, A. 89692
Grote, D.P. *see* Henestroza, E. 89707
Grote, H. A short spin rotator for LEP 120001
Grote, H. *see* Assmann, R. 79970
Grote, J.G., Karim, M.A. Optical digital logic using Al$_x$Ga$_{1-x}$As zero-gap directional couplers 85204
Grotecloss, G. *see* Van Winkle, M. 71132
Groteluschen, E. *see* Winkel, T.-M. 60653
Groten, D. *see* Sutter, P. 61215
Groten, E. *see* Gianniou, M. 68779
Groten, E. *see* Mathes, A. 68762
Groth, S. *see* Erko, A. 90250
Groth, T. *see* Laugier, A. 109987
Groth, W.B. Consulting in telecommunications 67689
Grothaus, B.A. Switching against the trend 98717
Grothe, H. *see* Hilburger, U. 95817
Grotheer, W., Lederer, E., Nordhausser, A. Transistorized inverter drive for light rail vehicles 112505
Grotjahn, F. *see* Kaiser, D. 78827
Grotjohn, T. *see* Erten, G. 103405
Grotjohn, T.A. *see* Mak, P. 94744
Grotschel, M., Martin, A., Weismantel, R. Optimum path packing on wheels: The consecutive case 60877
Grotstollen, H. *see* Bunte, A. 121943
Grotstollen, H. *see* Jian Sun 81575
Grotstollen, H. *see* Maas, J. 121975
Grotstollen, H. *see* Sun, J. 71410
Grotstollen, H. *see* Sun, J. 121616
Grotstollen, H. *see* Sun, J. 121707
Grotzbach, M., Bauta, M. Significance of working point determining line current harmonics in controlled AC/DC converter 81586
Grousson, R. *see* Aaviksoo, J. 63075
Grousson, R. *see* Chamarro, M.A. 74229
Grove, L.K., Kostur, P.R. Performing editorial magic 112782
Grove, N.R. *see* Shick, R.A. 62536
Grove, R.J. The MVP: a single-chip multiprocessor for image and video applications 83167
Grovenor, C.R.M. *see* Jenkins, A.P. 62162
Grovenor, C.R.M. *see* Ryan, D.T. 95411
Grover, V. *see* Malhotra, M.K. 103389
Grover, W.D., Friesen, T. Universal plesiochronous multiplexing (UPM) for arbitrary rate isochronous circuit emulation 108777
Groves, I.S. The mobile revolution 99373
Groves, I.S., Clapton, A.J. Third generation mobile systems 99379
Groves, J.R. *see* Findikoglu, A.T. 106644
Groves, R.A. *see* Nguyen-Ngoc, D. 63964
Groves, S.I. *see* Darwish, A.M. 96616

Grovlen, A. *see* Lervik, J.M. 79188
Grow, J.M. *see* Pearton, S.J. 63410
Growney, E. *see* Smutz, W.P. 69954
Groza, L. *see* Suzuki, H. 90942
Grozdanov, K.A. *see* Atanasov, P.A. 75814
Grozeva, M. *see* Mentel, J. 107101
Grozeva, M. *see* Schulze, J. 107110
Groznik, A., Smole, F., Topic, M., Furlan, J. Investigation of amorphous silicon PIN solar cell degradation 81896
Grtbov, Yu. *see* Mondino, P.-L. 64567
Grub, A. *see* Steup, D. 73814
Grubauer, W., Underwood, R., Telgenhoff, M., Frowd, R. Optimal hydro generation and interchange scheduling with flow-dependent channel constraints 81337
Grubb, K. SMD solutions for a sunrise industry 83626
Grubb, S. *see* Namkyoo Park 96150
Grubb, S. *see* Park, N. 68374
Grubb, S. *see* Park, N. 88564
Grubb, S. *see* Tanbun-Ek, T. 119235
Grubb, S.G. 1.3 μm Raman fiber amplifiers 68409
Grubb, S.G. High-power fiber amplifiers and lasers 85390
Grubb, S.G., DiGiovanni, D.J., Simpson, I.R., Cheung, W.Y., Sanders, S., Welch, D.F., Rockney, B. Ultrahigh power diode-pumped 1.5-μm fiber amplifiers 65109
Grubb, S.G. *see* Eskilden, L. 109617
Grubb, S.G. *see* Eskildsen, L. 78688
Grubb, S.G. *see* Hansen, P.B. 68498
Grubb, S.G. *see* Hansen, P.B. 88615
Grubb, S.G. *see* Stentz, A.J. 65106
Grubb, S.G. *see* Stentz, A.J. 85402
Grube, W., Hoeft, M. Networking of operations control components with signalling and safety components in the Magdeburg operations control centre 103113
Grube, W. *see* Beilstein, M. 118311
Gruben, K.G. *see* Funda, J. 80410
Gruber, H., Demoli, N., Wernicke, G., Dahms, U. Optical pattern recognition in the analysis of ancient Babylonian cuneiform inscriptions 86901
Gruber, H. *see* Demoli, N. 77393
Gruber, J.B. *see* Seltzer, M.D. 65142
Gruber, J.B. *see* Wright, A.O. 65143
Gruber, T., Kuhn, W., Thuswald, M., Staffel, G. Fault tolerance in distributed safety systems 82141
Grubmeier, H. *see* Naoumidis, A. 81818
Grubmeier, H. *see* Stochniol, G. 81848
Grubor, D.P., Sulic, D.M., Jelic, Z.V. The role of geomagnetic field configuration on the GPS signal paths through the magnetosphere and ionosphere 116891
Grucza, D.J. Selecting AC variable speed drives and their features 121924
Grucza, R. One-stage feedback amplifier with simultaneous noise and power match 62225
Gruden, M.N. *see* Buryi, E.V. 116607
Grudiev, A. *see* Rojak, M. 85799
Grudinin, A.B., Goncharenko, I.A. Increased amplifier spacing in soliton system with partial dispersion compensation 96730
Grudinin, A.B., Gray, S. cw Raman amplifier for soliton transmission 75836
Grudinin, A.B. *see* Gray, S. 107148
Grudowski, P.A., Chelakara, R.V., Dupuis, R.D. An InAlAs/InGaAs metal-oxide-semiconductor field effect transistor using the native oxide of InAlAs as a gate insulation layer 84393
Grueff, G. *see* Bortolotti, C. 79102
Gruen, D.M. *see* Erdemir, A. 92845
Gruen, M., Sadeghi, N., Cibert, J., Genuist, Y., Tserepi, A. Doping efficiency and plasma analysis of a nitrogen electron cyclotron resonance plasma 74206
Gruen, M. *see* Hetterich, M. 74166
Gruendl, R.A. *see* Regan, M.W. 77090
Gruener, J., Cacialli, F., Samuel, I.D.W., Friend, R.H. Optical mode structure in a single-layer polymer microcavity 75701
Gruener, J. *see* Grimsdale, A.C. 75702
Gruener, J. *see* Harrison, M.G. 75750
Gruening, U., Lehmann, V. Two-dimensional infrared photonic crystal based on macroporous silicon 94274
Grueninger, H.W. *see* Niemann, E. 103990
Grufi, F. *see* Di Capua, E. 110598
Gruhle, A., Kibbel, H., Speck, R. 8-12 GHz VCO with SiGe heterojunction bipolar transistor 62241
Gruhle, A., Schumacher, H., Erben, U., Kibbel, H., Konig, U. Low power consumption DC-18 GHz internally matched amplifier using Si-SiGe HBTs 83513
Gruhle, A. *see* Plana, R. 63604
Gruhle, A. *see* Schumacher, H. 62346
Gruhle, A. *see* Schuppen, A. 63601
Grula, G. *see* Cheng-Liang Huang 63749
Grula, J., Gunther, A. Parallel optical data transmission with Optobus 109678
Grula, J. *see* Lebby, M. 99511
Grula, J. *see* Lebby, M. 116286
Grun, J.B. *see* Chergui, A. 76126
Grun, J.B. *see* Chergui, A. 92772
Grun, J.B. *see* Othmani, A. 85673
Grun, J.B. *see* Tomasiunas, R. 94254
Grun, M., Haury, A., Cibert, J., Wasiela, A. The nitrogen acceptor energy in ZnTe measured by Hall effect and optical spectroscopy 62751
Grun, N. *see* Bronner, N. 64991
Grunbaum, F.A., Haine, L. The q-version of a theorem of Bochner 72399
Grunberg, P. *see* Amano, C. 103936
Grunberg, P. *see* Ankner, J.F. 64364
Grund, C.J. *see* Feingold, G. 80644
Grundemann, T. *see* Dadgar, A. 92784
Grunder, H.A. CEBAF commissioning and future plans 79793
Grunder, R. *see* Keck, H. 102501
Grundfest-Bronlatowski, S. *see* Pohlman, S. 110728
Grundler, P. *see* Frischmuth, K. 69021
Grundler, R. *see* Kalayci, Y. 62331
Grundling, H.A. *see* Pinheiro, J.R. 121631
Grundmann, K. Free Flight: air traffic control evolution or revolution 120647
Grundmann, M., Ledentsov, N.N., Heitz, R., Bimberg, D., Ustinov, V.M., Egorov, A.Yu., Maximov, M.V., Kop'ev, P.S., Alferov, Zh.I., Kosogov, A.O., Werner, P., Heydenreich, J., Gosele, U. Growth, characterizations, theory and lasing of vertically stacked quantum dots 105374
Grundmann, M. *see* Christen, J. 62925
Grundmann, M. *see* Guryanov, G.M. 82626
Grundmann, M. *see* Guryanov, G.M. 83938
Grundmann, M. *see* Kappelt, M. 72806
Grundmann, M. *see* Kappelt, M. 105342
Grundmann, M. *see* Kirstaedter, N. 65202
Grundmann, M. *see* Kuttler, M. 74375
Grundmann, M. *see* Ledentsov, N.N. 62870
Grundmann, M. *see* Ledentsov, N.N. 63081
Grundmann, N. *see* Heinrichsdorff, F. 72756
Grundspenkis, J. A methodology for knowledge acquisition and reasoning about faults in conditions of incomplete information 103513
Grundstrom, M. *see* Rinne, J. 68886
Grundy, P.J. *see* Dova, P. 106582
Grundy, P.J. *see* Fox, S.P. 106583
Grundy, P.J. *see* Guilfoyle, S.J. 61358
Grundy, P.J. *see* Holden, A.P. 64244
Grundy, P.J. *see* Holden, A.P. 75113
Grundy, P.J. *see* Matsuda, H. 106532
Grundy, P.J. *see* Sinclair, G.J. 106584
Gruneberg, K., Naciri, J., Wolff, D., Shashidhar, R. Ferroelectric properties of novel cyclic siloxane oligomers 95275
Gruneberg, K. *see* Stammnitz, P. 68891
Grunefeld, G. Laser diagnostics applied to practical combustion and flow systems 100377
Grunendahl, S. *see* Baumbaugh, B. 80030
Grunendahl, S. *see* Chung, M. 80031
Grunenfelder, R., Gallego, C.J. ATM network testing and measurement 77840
Grunenwald, B. *see* Hugel, H. 116793
Gruner, J. *see* Baigent, D.R. 64982
Gruner, J. *see* Vestweber, H. 85315
Gruner, T. *see* Adolphsen, J. 73391
Gruner, T. *see* Adolphsen, J. 111029
Gruner, T.D. *see* Seidleck, C.M. 111030
Gruner-Nielsen, L. *see* Boskovic, A. 119239
Grunewald, K. *see* Handke, J. 116318
Grunewald, W., Ungerer, T. Towards extremely fast context switching in a block-multithreaded processor 113966
Grunheid, R. *see* Rohling, H. 118976
Gruning, H. *see* Steimer, P. 91663
Gruning, H. *see* Steimer, P.K. 121095
Grunnet-Jepsen, A., Tonda, S., Laude, V. Convolution-kernel-based optimal trade-off filters for optical pattern recognition 98012
Grunnet-Jepsen, A. *see* Hattel, S.A. 115940
Grunow, P., Paes, H., Jr., Gatts, C., Losch, W. Iron silicide formation on hydrogenated amorphous silicon 82737
Grunow, V. *see* Schroeder, A. 105207
Grunthaner, P.J. *see* Sundaram, M. 110217
Grunwald, C. *see* Kubsky, S. 100756
Grunwald, H. Chopper technology for commuter traffic motor vehicles 112483
Grunze, M. *see* Josse, F. 84743
Grupen, M. Simulating carrier dynamics in quantum well lasers 96345
Grupp, H. *see* Koschatzky, K. 103361
Grut, K. *see* Deis, G. 106719
Gruverman, A., Auciello, O., Tokumoto, H. Scanning force microscopy for the study of domain structure in ferroelectric thin films 64082
Gruwe, M. *see* Annis, P. 80121
Gruwe, M. *see* Martellotti, G. 80122
Gruzdev, V.V. *see* Pirogov, Y.A. 69482
Gruzdev, V.V. *see* Pirogov, Y.A. 73718
Gruzdkov, Yu.A. *see* Smirnov, E.I. 79558
Gruzhinskis, V., Starikov, E., Shiktorov, P., Reggiani, L., Varani, L. Electron-hole driven S-type NDC in heterostructure hot carrier diodes 63552
Gruzhinskis, V. *see* Varani, L. 114606
Gruzinov, A.V., Diamond, P.H. Nonlinear mean field electrodynamics of turbulent dynamos 71345
Gruzinskis, V. *see* Starikov, E. 74338
Gruzinskiy, V.V. *see* Neyra Bueno, O.L. 116391
Gruzinskiy, V.V. *see* Neyra Bueno, O.L. 116396
Gruzs, T.M. An overview of IEEE 1100: the Emerald Book 70808
Gruzs, T.M. An optimized three-phase power conditioner featuring deep sag protection and harmonic isolation 91631
Gruzs, T.M. *see* Dorr, D.S. 90921
Gruzza, B. *see* Bideux, L. 82736
Gryazin, G.N. Television sensors: problems and prospects 69259
Gryaznov, N.A., Kiselev, V.M., Sosnov, E.N. Enhancement of relaxation oscillations with intracavity absorption cell 116355
Gryaznov, N.A. *see* Artemov, A.A. 107109
Grycewicz, T.J., Javidi, B. Experimental demonstration of a chirp modulated joint transform correlator using separate input SLMs 75578
Grycewicz, T.J., Javidi, B. Experimental comparison of binary joint transform correlators used for fingerprint identification 117753
Grygier, R.K. *see* Lundquist, P.M. 75413
Grygier, R.K. *see* Wortmann, R. 106757
Grygler, R.K. *see* Bernal, M.-P. 65569
Grynberg, M., Huant, S., Martinez, G., Kossut, J., Wojtowicz, T., Karczewski, G., Shi, J.M., Peeters, F.M., Devreese, J.T. Magnetopolaron effect on shallow indium donors in CdTe 94363
Grynkewich, G. *see* Denton, H. 105644
Grytczuk, J. Intertwined infinite binary words 66543
Grytskiv, Z., Prudius, I., Voloshynovskiy, S., Nitsovich, B. Adaptive choice of regularization parameter in iterative methods of optical data processing 86907
Grzech, A. Network performance in hierarchical architectures of computer communication subsystems 98741
Grzech, A. Routing techniques in communication subsystems of computer networks 108884
Grzegory, I. *see* Gassmann, A. 103838
Grzejewski, J.M. *see* Hodgson, J.E. 90932
Grzenik, R. *see* Glinka, T. 110941
Grzenik, R. *see* Glinka, T. 112504
Grzesik, B., Kaczmarczyk, Z., Junak, J. A Class E inverter–the influence of inverter parameters on its characteristics 121721
Grzesik, U. *see* Humbach, O. 116053
Grzesikiewicz, W., Lewandowski, M. Modelling of electromechanical drive system of a locomotive with AC motors 112506
Grzeszczuk, R. *see* Pelizzari, C.A. 69973
Grzonka, D. *see* Brauksiepe, S. 100815
Grzybkowski, M.J. International coordination of frequencies for radiocommunications 119352
Gschwendtner, B., Landstorfer, F. Adaptive propagation modelling based on neural network techniques 107921
Gschwendtner, B.E., Landstorfer, F.M. 3-D propagation modelling in microcells including terrain effects 99162
Gschwind, M., Salapura, V., Maischberger, O. A generic building block for Hopfield neural networks with on-chip learning 93638
Gschwind, M. *see* Salapura, V. 95106
Gschwind, M. *see* Vancauwenberghe, O. 88992
Gspann, J. Reactive accelerated cluster erosion (RACE) by ionized cluster beams 94868
Gu, B.X. *see* Zhang, J.R. 95352
Gu, C., Dai, F. Cross-talk noise reduction in photorefractive optical memory 84961
Gu, C., Dai, F., Hong, J. Statistics of both optical and electrical noise in digital volume holographic data storage 84957
Gu, C., Jenn-Ren Lien, Dai, F., Hong, J. Diffraction properties of volume holographic diffusers 96783
Gu, C., Sornat, G., Hong, J. Bit-error rate and statistics of complex amplitude noise in holographic data storage 95651
Gu, C. *see* Xianmin Yi 84955
Gu, C.L., Chalmers, B.J. Novel approach to longitudinal magnetic field in drum-type machine 102673
Gu, G., Bulovic, V., Burrows, P.E., Forrest, S.R., Thompson, M.E. Transparent organic light emitting devices 64951
Gu, G.-E. *see* Morrow, C.E. 106822
Gu, G.L. *see* Chin, A. 74391
Gu, H. Ambiguity function and Cramer-Rao bound in the multisignal case 108274
Gu, H., Mueller, R.E., Duley, W. Acoustic monitoring of modulated laser beam processing of metals 107640
Gu, K., Sadiku, M.N.O. A triangular mesh random walk for Dirichlet problems 82406
Gu, R.X., Elmasry, M.I. Power dissipation analysis and optimization of deep submicron CMOS digital circuits 61706
Gu, R.Y. *see* Sheng, L. 75075
Gu, S.L. *see* Liu, J.I. 105688
Gu, S.L. *see* Liu, J.L. 105324
Gu, S.L. *see* Shi, Y. 83943
Gu, S.Q. *see* Li, X. 106997
Gu, S.Q. *see* Panepucci, R. 82595
Gu, S.Q. *see* Turnbull, D.A. 65072
Gu, S.Q. *see* Turnbull, D.A. 113360
Gu, W. *see* Bagby, L. 100846
Gu, X., Dodds, S.J., Blank, L.C., Spirit, D.M., Pycock, S.J., Ellis, A.D. Duobinary technique for dispersion reduction in high capacity optical systems–modelling, experiment and field trial 109677
Gu, X. *see* Laming, R.I. 78820
Gu, X. *see* Lipp, A. 79062
Gu, X. *see* Lowry, R.K. 92276
Gu, X. *see* Song, Y.H. 90938
Gu, X. *see* Wallace, R.L. 112376
Gu, X.F. *see* Du, J.F. 95895

Gu, Y., Li, G.P., Vu, T., Iyer, S.S. Optical second harmonic generation method for the characterization of bonded SOI after implantation and annealing 63164

Gu, Y., Yuan, J.S. Gate-oxide thickness effects on hot-carrier-induced degradation in n-MOSFETs 106051

Gu, Y. *see* Chen, Z.J. 107151

Gu, Y. *see* Daido, H. 96101

Gu, Y. *see* Li, Z.H. 114992

Gu, Y.-M., Yang, W.-G., Lee, C.-W. Two-level codes for frequency/phase modulation 66551

Gu, Y.S. *see* Zhen-Jun Wang 64375

Gu, Z.G. *see* Qi, W.J. 82668

Gu Bahk Hang *see* Hang Gu Bahk

Gu Bing-Lin *see* Bing-Lin Gu

Gu Chenglin Optimization of permanent-magnet axial-field coreless DC motors based on magnetic field-network method 71342

Gu Chenglin, Wei Zhengchao, Huang Shenghua, Tao Xingshi VSCF generator with vector control for rotor AC exciting current. I. Control model and numerical simulation 71281

Gu Chengzhou *see* Sang Fengting 107095

Gu Da-Wei *see* Da-Wei Gu

Gu Donghong *see* Chen Qiying 84948

Gu Gin-Learn *see* Gin-Learn Gu

Gu Gin-Lern *see* Gin-Lern Gu

Gu Gong-En *see* Gong-En Gu

Gu Guanqun *see* Ding Wei 98816

Gu Guanqun *see* Wang Yun 87751

Gu Guanqun *see* Xia Qin 67594

Gu Guoxiang *see* Guoxiang Gu

Gu Jiahui, Zhang Bufa, Zhou Jianzhong, Lu Rong, Yu Xiaohan, Liu Jingyi, Shi Shuanghui, Guan Anmin, Shi Huajun, Li Jun An on-line Nielsen ion source 69702

Gu Jianzheng, Zhang Jinlin, Duan Fengzen Maximum entropy method used in emulating analysis of optimal filter design 76956

Gu Jianzheng *see* Wang Guolin 119317

Gu Jie *see* Chen Zhangchao 81042

Gu Jie *see* Chen Zhangehao 70876

Gu Jin-Sheng *see* Jin-Sheng Gu

Gu Jun *see* Jun Gu

Gu Junhua, Yan Weili, Yang Qingxin Finite element analysis with 9-node elements on 3D electromagnetic field 107735

Gu Keming *see* Keming Gu

Gu Lee Eun *see* Eun Gu Lee

Gu Li-Qun *see* Li-Qun Gu

Gu Ming *see* Ming Gu

Gu Mu *see* Chen Lingyan 120193

Gu Nihong *see* Cao Rongjiang 70639

Gu Shulin *see* Shulin Gu

Gu Tieer *see* Tieer Gu

Gu Wanyi *see* He Huajie 65077

Gu Wei-Kang *see* Wei-Kang Gu

Gu Xiaofeng, Huang Xinfan, Du Jiafang, Zhou Jin, Li Wei, Chen Kunji Optically addressed spatial light modulator using an a-Si:H pin photodiode 75599

Gu Xiaofeng *see* Xiaofeng Gu

Gu Ye *see* Li Zhihong 84537

Gu Yizhi *see* Zhou Huaichun 121359

Gu Yonghai *see* Yonghai Gu

Gu Yucong *see* Zhang Wenfeng 119088

Gu Yucong *see* Yucong Gu

Gu Yuhua *see* Yuhua Gu

Gu Yuqiu *see* Huang Wenzhong 96202

Gu Yuqu *see* Wu Deyong 65012

Gu Zhenan *see* Chen Haijuan 116405

Gu Zhi-Guang *see* Zhi-Guang Gu

Guahong, T. The CSSPD type of solid discharge tube and its application 114542

Guak Kyuh-Wan *see* Kyuh-Wan Guak

Gualdrini, G. *see* d'Errico, F. 110966

Gualdron, O., Arsenault, H.H. Optimum rotation-invariant filter for disjoint-noise scenes 67397

Gualtieri, J.G., Kosinski, J.A. Large-area, real-time imaging system for surface acoustic wave devices 106465

Gualtieri, J.G. *see* Kosinski, J.A. 106416

Guamieri, A.Monti *see* Monti Guamieri, A.

Guamieri, P. *see* Aiazzi, B. 111120

Guan, B., Sechen, C. Efficient standard cell generation when diffusion strapping is required 113864

Guan, H., Gordon, R. Computed tomography using algebraic reconstruction techniques (ARTs) with different projection access schemes: a comparison study under practical situations 110685

Guan, L. *see* Kong, H. 66941

Guan, X. *see* Liu, W.-H.E. 70710

Guan, Y. *see* Young, C.L. 65200

Guan Anmin, Luo Chaowei, Li Jun, Shi Huajun, Lin Chenlu, Xia Guanqun The application of low-energy ion implantation 63261

Guan Anmin *see* Gu Jiahui 69702

Guan Bingzhong *see* Bingzhong Guan

Guan Chun-Luh *see* Krishnaswami, V. 103516

Guan Dexin *see* Wang Baofa 78956

Guan Fuyi *see* Meng Shaoxian 107483

Guan Hua, Lan Tao, Zhen-Kang Shen, Zhong-Kang Sun Extracting peak statistics with recurrent networks for detecting dim point-source targets in IR noise 66916

Guan Hua *see* Lan Tao 66898

Guan Ling *see* Ling Guan

Guan Rong Guo *see* Bezotosny, V.V. 75916

Guan Xiaohong *see* Xiaohong Guan

Guan Xin Guo *see* Bezotosny, V.V. 75916

Guan Xudong *see* Sang Wenbin 105169

Guan Xudong *see* Xudong Guan

Guan Yaoxing *see* Cai Yunliang 76279

Guan Yichun *see* Tang Jianming 85448

Guan Yichun *see* Tang Jianming 85449

Guan Yichun *see* Wang Shuicai 96182

Guan-Chih Pu *see* Ching-Yin Lee 121473

Guan-Chyun Hsieh, Chun-Hung Lin, Jyh-Ming Li, Yu-Chang Hsu A study of series-resonant DC/AC inverter 81578

Guan-Chyun Hsieh *see* Jung-Chien Li 80856

Guanchang Jin, Bao, N.K., Chung, P.S. Application of nondestructive testing methods to electronic industry using computer-aided optical metrology 61495

Guanchang Jin, Bao, N.K., Chung, P.S. Optical metrology for small zone measurement 75426

Guanfeng Xu *see* Xu Guanfeng

Guang J. Choi *see* Soon T. Hwang 61348

Guang Li *see* Li Guang

Guang Shi Ying *see* Ying Guang Shi

Guang Sup Cho, Young Guon Kim, Sang Suk Lee Computer simulation of focused ion beam lithography 84256

Guang Yang *see* Kosonocky, W.F. 79546

Guang Yuan Zhao, Iwama, Y., Sasaki, N., Oda, A., Nishikawa, H., Soga, T., Egawa, T., Jimbo, T., Umeno, M. Molecular beam epitaxy of gallium antimonide 61258

Guang Zhao Wu *see* Wu Guang Zhao

Guang-can Guo *see* Guo Guang-can

Guang-di Shen *see* Chun-Xia Du 99982

Guang-Guo Bi *see* Zeng-Jun Xiang 88288

Guang-Hui Yu *see* Yu Guang-Hui

Guang-Jiong Dong, Zhong-Zhu Liu Soliton resulting from the combined effect of higher order dispersion, self-steepening and nonlinearity in an optical fiber 84987

Guang-Jong Chou, Ching-Kuang C. Tzuang An integrated quasi-planar leaky-wave antenna 97355

Guang-Jong Chou *see* Tzuang, C.-K.C. 97377

Guang-Ping Tang *see* Shaobai Mo 105136

Guang-Ping Tang *see* Wehmann, H.-H. 110150

Guang-Rong Ji *see* Nan-Jin Feng 117839

Guang-Tsai Lei *see* Jilin Tan 97207

Guang-Way Jang, Chengchang Chen, Gumbs, R.W., Yen Wei, Jui-Ming Yeh Large-area electrochromic coatings: composites of polyaniline and polyacrylate-silica hybrid sol-gel materials 116102

Guang-Wen Pan, Toupikov, M., Gilbert, B.K. A combined finite difference and analytic expression approach to crossover capacitance in a multilayer dielectric environment 95163

Guang-Wen Pan *see* Jilin Tan 97207

Guang-Yi Liu *see* Chang-Chun Zhu 74009

Guang-Yin Zhang *see* Li-Qun Gu 106903

Guang-yin Zhang *see* Zhang Guang-yin

Guangcan Che *see* Che Guangcan

Guangchang Liu *see* Liu Guangchang

Guangguo Bi *see* Fengfang Yang 119050

Guanghan Xu *see* Hui Liu 87385

Guanghan Xu *see* Hui Liu 119057

Guanghan Xu *see* Okamoto, G. 118355

Guanghan Xu *see* Torlak, M. 109501

Guangheng Wu *see* Jinghua Wang 64248

Guangheng Wu *see* Jinghua Wang 64249

Guanghua Chen *see* Wenjun Zhang 74122

Guanghua Chen *see* Chen Guanghua

Guanghua Deng *see* Ho, P. 88220

Guanghua Peng *see* Dyczij-Edlinger, R. 62344

Guanghua Peng *see* Peng Guanghua

Guanghui Guo *see* Guo Guanghui

Guanghui Rao *see* Rao Guanghui

Guanghui Wei *see* Wei Guanghui

Guangjie Fu *see* Fu Guangjie

Guanglin Kong *see* Shuran Sheng 114654

Guanglin Kong *see* Yan Wang 85277

Guangming Luo *see* Luo Guangming

Guangming Wang, Ying Ding, Yu Wei Relationship between organic thin film uniformity and its electroluminescence 64949

Guangming Wang *see* Wang Guangming

Guangnin Wu *see* Hui Ma 64102

Guangning Wu *see* Xinyan Wu 64104

Guangnying Wu *see* Kai Wu 64042

Guangpin Li *see* Kaisheng Hu 84493

Guangping Li, Qiongna Ru, Jing Li, Xiukun He, Shenjun Nin, Xiaobing Guo Study of the thermal annealing characteristic on SI-GaAs wafers 84069

Guangping Li *see* Xiukun He 83853

Guangqiong Xia *see* Xia Guangqiong

Guangqiong Zhang *see* Yidong Feng 71175

Guangqiu Chen, Onodera, H., Tamaru, K. Timing and power optimization by gate sizing considering false path 93294

Guangsen Dai *see* Dai Guangsen

Guangsheng Li *see* Li Guangsheng

Guangsheng Wang *see* Wang Guangsheng

Guangshu Hu *see* Hu Guangshu

Guangshun Huang *see* Huang Guangshun

Guanguang Huang *see* Huang Guanguang

Guangwen Pan Orthogonal wavelets with applications in electromagnetics 65792

Guangwen Pan *see* Jilin Tan 97235

Guangwu Wang *see* Zongren Peng 64051

Guangxi Dai *see* Dai Guangxi

Guangxi Zhu *see* Zhu Guangxi

Guangxian Wang *see* Wang Guangxian

Guangyao Meng *see* Meng Guangyao

Guangyi Cao *see* Cao Guangyi

Guangyi Liu *see* Liu Guangyi

Guangyi Wan, Xiaobin Gong, Zhenwei Luo, Feng Jing Studies on the measurement of charge transfer efficiency and photoresponse nonuniformity of linear charge-coupled devices 89161

Guangyin Zhang *see* Qian Sun 96642

Guangyin Zhang *see* Zhang Guangyin

Guangyong Zhu, Ioinovici, A. Switched-capacitor power supplies: DC voltage ratio, efficiency, ripple, regulation 113741

Guangyou Xu *see* Zhigang Zhu 108619

Guangyu Ding *see* Ding Guangyu

GuangYu Dong *see* Dong GuangYu

Guangyu Liu *see* Liu Guangyu

Guangyu Xe *see* Xe Guangyu

Guangzhao Zhang *see* Zhang Guangzhao

Guangzhao Zheng *see* Zheng Guangzhao

Guangzheng Ni *see* Ni Guangzheng

Guanhua Zha *see* Zha Guanhua

Guannu Wu *see* Wu Guannu

Guannui Wu *see* Wu Guannui

Guanping Feng *see* Chao Zhang 110084

Guanqun Gu *see* Gu Guanqun

Guanqun Xia *see* Xia Guanqun

Guanrong Chen *see* Malki, H.A. 121348

Guanrong Chen *see* Mi Lu 97766

Guanshen Zhang *see* Javidi, B. 117207

Guansheng He *see* He Guansheng

Guansheng Zhang *see* Zhang Guansheng

Guanwei Lin *see* Lin Guanwei

Guanxi Yin *see* Yin Guanxi

Guanxiong Chen *see* Weitang Li 80061

Guanxiong Chen *see* Weitang Li 100828

Guanzhong Dai *see* Dai Guanzhong

Guaraldo, C. *see* Agnello, M. 110583

Guard, R., Kaya, B., Riep, J., Sims, T., Shoemaker, S. Ohio Valley Community Health Information Network: design considerations 111016

Guardiani, C. *see* Zafalon, R. 115344

Guardini, R., Bellutti, P., Pavesi, L., Soncini, G., Bisi, O. A test chip for the development of porous silicon light emitting diodes 116266

Guardini, R. *see* Pavesi, L. 83937

Guardiola, J., Rojo, V., Ramos, G. Influence of particle size, fluidization velocity and relative humidity on fluidized bed electrostatics 76339

Guarin, F.J., Iyer, S., Yang, Z., Wang, W.I. The use of BESOI as a compliant substrate for SiC and GaN growth 61243

Guarin, F.J., Iyer, S.S., Powell, A.R., Ek, B.A. Growth and strain symmetrization of Si/Ge/C/Sn quaternary alloys by molecular beam epitaxy 72807

Guarino, F. *see* Barbarino, G.C. 80097

Guarnieri, A.M., Prati, C. ScanSAR focusing and interferometry 90757

Guarnieri, M. *see* Bellina, F. 107763

Guarrera, J.J. USAB where did we come from? [IEEE activities] 103527

Guasti, M.F. *see* Perez, S.A. 116680

Guay, B. *see* Altmann, M. 67991

Gubankov, V.V., Ivanchenkov, S.N., Osmanov, N.S., Tolmachev, S.V., Varfolomeev, A.A., Pavluchenkov, V.F. KIAE-1.5-3 undulator performance 96563

Gubanov, V.B. *see* Guryanov, G.M. 83938

Gubanski, S. *see* Bulinski, A. 70913

Gubanski, S.M. *see* Gafvert, U. 69443

Gubanski, S.M. *see* Mbwana, M.A. 102219

Gubarev, V.F., Aksenov, N.N. System identification for eddy currents reconstruction in Tokamak device 107790

Gubbala, N. *see* Singh, C. 70684

Gubbala, N.V. *see* Singh, C. 70631

Gubbala, N.V. *see* Singh, C. 90966

Guber, A.E., Kohler, U. Online exhaust gas analytics during plasma cleaning of PECVD facilities 61345

Guber, A.E. *see* Kohler, U. 64864

Guber, A.E. *see* Kohler, U. 84636

Guber, A.E. *see* Kohler, U. 101268

Gubin, K. *see* Dikansky, N.S. 89778

Gubina, F., Golob, R., Debs, A.S. Fast contingency evaluation by means of the improved adjoint network method 80858

Gubina, F. *see* Golob, R. 121065

Gubina, F. *see* Strmcnik, B. 121119

Gubkin, I.N. *see* Vedernikov, G.P. 95421

Gubkin, M.K. *see* Perekalina, T.M. 114679

Gubkina, T.O. *see* Voronov, B.M. 75293

Gubler, L. *see* Wurz, P. 69667

Gubner, J.A., Hayat, M.M. A method to recover counting distributions from their characteristic functions 76916

Gubner, J.A. *see* Hayat, M.M. 64849

Gubner, J.A. *see* Hayat, M.M. 66219

Gubser, D.U. *see* Selvaggi, J.A. 75370

Guchev, I.A. *see* Suvorov, I.M. 101446

Guckel, H. Micromechanics via synchrotron radiation 74991

Guckel, H., Christenson, T.R., Klein, J., Earles, T., Massoud-Ansari, S. Micro electromagnetic actuators based on deep X-ray lithography 106265

Guckel, H., Earles, T., Klein, J., Zook, J.D., Ohnstein, T. Electromagnetic linear actuators with inductive position sensing 91558

Guckel, H. *see* Burns, D.W. 84634

Guckel, H. *see* Christenson, T.R. 74907

Guckel, H. *see* Massoud-Ansari, S. 74945

Guckel, H. *see* Zook, J.D. 89117
Guda, A.N. *see* Zarkow, J.I. 112550
Gudat, W. *see* Erko, A. 90250
Gudefin, E.J. *see* Afsharnia, S. 91493
Gudel, H.U. *see* Hazenkamp, M.F. 75696
Gudino-Martinez, A. *see* Cruz-Orea, A. 83810
Gudkov, A.L., Ilin, V.A., Krutko, A.P., Kudelya, A.M., Kulikov, V.A. Three-element integral receiving module at end Josephson functions 110346
Gudkov, K. *see* Alimov, A. 89772
Gudkov, K.A. *see* Grishin, V.K. 79907
Gudmundson, B. *see* Chennakeshu, S. 99230
Gudmundson, M., Anderson, P.-O. Adjacent channel interference in an OFDM system 117942
Gudmundsson, G., Ntafos, S. A greedy algorithm for over-the-cell channel routing 113650
Gudmundsson, G. *see* Enge, P. 88759
Gudmundsson, G. *see* Thorsteinsson, S. 68755
Gudmundsson, V. *see* Gerhardts, R.R. 63065
Gudumac, M. Modelling and simulation of DC machine-static convertor set operation, at constant resistant couple 81925
Gudumac, M., Trifu, R. Checking and observation energy recovery installation 71348
Gudym, I.Ya. *see* Vertiy, A.A. 107902
Gudzovs'ka, L.O., Mervins'kyi, R.I. Optimization of physicomechanical properties of photopolymeric materials for optical data storage by treatment with high-frequency currents 106758
Gue, A.M. *see* Fazouan, N. 82628
Gue, A.M. *see* Rouhani, M.D. 72846
Gue Kim Tae *see* Tae Gue Kim
Gue Myung Lee, Do Sang Kim, Byung Soo Lee Some remarks on symmetric dual programs 103678
Gue Myung Lee *see* Cheong Lai Jo 103670
Gue Runqiu *see* Hao Yue 63861
Guebbard, J. *see* Dentan, M. 95214
Guebhard, J.M. *see* Dentan, M. 90222
Guedes, J.M.G. *see* Bayer, W. 81007
Guedes, K. *see* Zebulum, R.S. 91057
Guedes, P. *see* Zuquete, A. 77920
Guedj, C. *see* Boucaud, P. 94442
Guedj, C. *see* Boucaud, P. 94512
Guedon, J.-P. *see* Normand, N. 86523
Guee-Soo Cha *see* Dong-Hun Kim 81957
Guegan, G., Blachier, D., Ada-Hanifi, M. Impact of 0.25 μm NMOS drain engineering on performance and reliability 84600
Guegan, G., Lerme, M., Deleonibus, S., Reimbold, G. A comparative study of three designs for sub half micron buried p-channel MOSFET 63698
Guegan, G. *see* Benistant, F. 84408
Guegan, G. *see* Deleonibus, S. 63292
Guegan, G. *see* Zimmermann, J. 63699
Guegan, H. *see* Bouhacina, T. 94337
Guegan, P. *see* Short, C.L. 115504
Guekos, G. *see* D'Ottavi, A. 85705
Guekos, G. *see* Leuthold, J. 88513
Guekos, G. *see* Mecozzi, A. 96679
Guel, G.R., Rector, D.E. Very large (25-in.-diagonal) precision masks for FPD manufacturing 89438
Guelck, C. *see* Ban, J. 69810
Gueldner, H. *see* Diessel, A. 75957
Guella, T.P. *see* Fante, R.L. 108084
Guemes, A. *see* LeBlanc, M. 110192
Guemez, J., Matias, M.A. Synchronization in small assemblies of chaotic systems 61674
Guen, D.Le *see* Le Guen, D.
Guenal, I. *see* Parlak, M. 114663
Guenin, B.M., Chowdhury, A., Groover, R., Derian, E.J. Analysis of thermally-enhanced SOIC packages 103438
Guenin, B.M. *see* Chowdhury, A. 103436
Guenin, B.M. *see* Lall, B.S. 103446
Guenin, G. *see* Gobin, P. 92974
Guenin, G. *see* Gobin, P.-F. 113552
Guenoun, K. *see* Masse, G. 94336
Guenter, J.K., Hawthorne, R.A., Granville, D.N., Hibbs-Brenner, M.K., Morgan, R.A. Reliability of proton-implanted VCSELs for data communications 96310
Guenter, J.K. *see* Hawthorne, R.A., III 96434
Guenter, P. *see* Pan, F. 113283
Guenther, B.D., Narayanan, R.M. Vegetation obscuration effects on mid-infrared laser reflectance of soil 111118
Guenther, J. *see* Bormann, C. 90198
Guentherodt, H.J. *see* Ivanshin, V.A. 75319
Guenzel, R. *see* Maendl, S. 94706
Gueorguiev, V., Ivanov, T., Andreev, S., Popova, L. Silicon oxide conductivity of hydrogen ion implanted polysilicon thin film transistors 115226
Gueorguiev, Y.M., Vutova, K.G., Mladenov, G.M. Analysis of the proximity function in electron-beam lithography on high-T_c superconducting thin-films 84875
Guerain, J. *see* Floch, H.G. 85244
Guerain, J. *see* Floch, H.G. 106930
Guerci, J.R., Feria, E.H. On a least squares predictive-transform modeling methodology 77038
Guerci, J.R., Feria, E.H. Application of a least squares predictive-transform modeling methodology to space-time adaptive array processing 78974
Guerette, J. *see* Jackson, W. 107637
Guerin, A., Le Chevalier, F., Zolesio, J.L. Linear segmented array processing for coherent target detection 66006
Guerin, B. *see* Colaitis, M.-J. 77509
Guerin, C., Meunier, G. Validation of surface impedance for 3D non-linear eddy current problems 107767
Guerin, C., Meunier, G., Tanneau, G. Surface impedance for 3D nonlinear eddy current problems–application to loss computation in transformers 71387
Guerin, L., Sachot, R., Dutoit, M. A new multichip-on-silicon packaging scheme with integrated passive components 62524
Guerin, L., Schaer, M.A., Sachot, R., Dutoit, M. New multichip-on-silicon packaging scheme for microsystems 84629
Guerin, R. *see* Cidon, I. 77630
Guerin, R. *see* Georgiadis, L. 77553
Guerin, R. *see* Georgiadis, L. 87302
Guerin, R. *see* Georgiadis, L. 98400
Guerin, R. *see* Georgiadis, L. 118459
Guerin, S. Indoor wideband and narrowband propagation measurements around 60.5 GHz in an empty and furnished room 107912
Guerin-Dugue, A., Palagi, P.M. Gabor filter implementation by low-pass image pyramid 98063
Guerin-Dugue, A. *see* Pellerin, D. 98064
Guerlou-Demourgues, L. *see* Delmas, C. 102947
Guermouche, S. *see* Zarnikau, J. 71033
Guern, H.Le *see* Le Guern, H.
Guerra, A.Del *see* Del Guerra, A.
Guerra, C. *see* Cantoni, V. 86800
Guerra, J.M. *see* Encinas-Sanz, F. 96105
Guerra, J.M. *see* Weigand, R. 116397
Guerra, L. *see* Mehra, R. 113663
Guerra, L.M. *see* Corazao, M.R. 93218
Guerra, L.M. *see* Watanabe, Y. 73269
Guerraoui, R., Larrea, M., Schiper, A. Reducing the cost for non-blocking in atomic commitment 87426
Guerraoui, R., Schiper, A. Consensus service: a modular approach for building agreement protocols in distributed systems 98669
Guerre, F.X. *see* Bosc, J.M. 106185
Guerre-Chaley, B. *see* Abbes, M. 90145
Guerreau, D. Present and future radioactive beam studies at GANIL: from SISSI to SPIRAL 69628
Guerreiro, P.T., Lee, S.G., Rodrigues, A.S., Hu, Y.Z., Wright, E.M., Najafi, S.I., Kao, Y.H., Mackenzie, J., Peyghambarian, N. Near two-photon resonance femtosecond pulse propagation in a CdS quantum dot waveguide 94562
Guerreiro, P.T., Lee, S.G., Rodrigues, A.S., Hu, Y.Z., Wright, E.M., Najafi, S.I., Mackenzie, J., Peyghambarian, N. Femtosecond pulse propagation near a two-photon transition in a semiconductor quantum-dot waveguide 65237
Guerreiro das Neves, M.V., Brandao Faria, J.A. A perturbation method for analyzing multisoliton interaction 76112
Guerrero, D.J. *see* Pavelchek, E.K. 105817
Guerrero-Cusumano, J.-L. A test for population collinearity. A Kullback-Leibler information approach 97400
Guerrieri, R. *see* Borgatti, M. 73290
Guerrieri, S. *see* Nucci, C.A. 111649
Guerriero, L. *see* Ferrazzoli, P. 85831
Guerriero, P. *see* Rossetto, G. 61265
Guerrin, P. *see* Cerre, N. 100061
Guerrouat, A., Konig, H. Automation of test case derivation in respect to test purposes 118108
Guerroudji, N. A management policies framework 98589
Guerville, P. *see* Matthews, A. 80318
Guerzoni, M. *see* Alvsvaag, S.J. 90124
Guesbaoui, H., Iung, C., Touhami, O. Towards a real-time parameter identification methodology for electrical machines 91555
Guess, F.M. *see* Lin, D.K.J. 82333
Guest, E., Baldock, R. Automatic reconstruction of serial sections using the finite element method 90398
Guest, P.B. *see* Burnside, R.R. 82364
Guest, R.M. *see* Fairhurst, M.C. 80187
Guetari, S., Devars, J. Comparative study of edge detectors for stereovision 117864
Gueuning, F., Varlan, M., Eugene, C., Dupuis, P. Accurate distance measurement by an autonomous ultrasonic system combining time-of-flight and phase-shift methods 111399
Guey, C.N., Skelley, W.A. Impact of methodology and design changes on Turkey Point IPE results 71049
Guey Jiann-Ching *see* Jiann-Ching Guey
Guez, J.-E. *see* Rigaudiere, F. 70144
Guezengar, Y. A new formulation of probabilistic data association filter 119271
Guffleisch, O., Harris, I.R. Fundamental and practical aspects of the hydrogenation, disproportionation, desorption and recombination process 106509
Guggenmos, X. *see* Egger, P. 115268
Guggenmos, X. *see* Musshoff, C. 115222
Gugino, V. *see* Ettinger, G.J. 110704
Guglielmelli, E. *see* Dario, P. 80415
Guglielmi, A. *see* Autiero, D. 69815
Guglielmi, A. *see* Autiero, D. 80006
Guglielmi, F. *see* Spalvieri, A. 77547
Guglielmi, G., Parisini, T., Rossi, G., Zoppoli, R. Fault detection and diagnosis in a real power plant: a neural approach 111710
Guglielmi, L. *see* Adam, W. 69709
Guglielmi, M. *see* Bozio, R. 107541
Guglielmi, M. *see* Eleftherlades, G.V. 104872
Guglielmi, M. *see* Fick, J. 76221
Guglielmi, M. *see* Gimeno, B. 93720
Guglielmi, M. *see* Gimeno, B. 116967
Guglielmi, M. *see* Ibbs, P. 104806
Guglielmi, M. *see* Karacaoglu, U. 93724
Guglielmi, M. *see* Karacaoglu, U. 104864
Guglielmi, M. *see* Karacaoglu, U. 104883
Guglielmi, M. *see* Kinowski, D. 66118
Guglielmi, M. *see* Melconi, A.A. 76521
Guglielmi, M. *see* Righini, G.C. 115980
Guglielmi, M. *see* Schroeder, W. 97246
Guglielmi, R. *see* Mezzanotte, P. 116959
Guglielmo, M. *see* Freschi, G. 98842
Guha, B., Mukherjee, B. Network security via reverse engineering of TCP code: vulnerability analysis and proposed solutions 87788
Guha, S. Material and device consideration for high efficiency a-Si alloy-based multijunction cells 102989
Guha, S., Roberts, W.T., Ahn, B.H. Nonlinear optical limiting of C_{60}, platinum poly-yne, and tetrabenzporphyrin in the near infrared 76214
Guha, S., Steiner, P., Kozlowski, F., Lang, W. Excitation wavelength dependence of Raman and photoluminescence spectra of porous Si membranes 94258
Guha, S., Yang, J., Banerjee, A., Glatfelter, T., Hoffman, K., Xu, X. Advances in amorphous silicon alloy multijunction cells and modules 112342
Guha, S. *see* Baude, P.F. 65244
Guha, S. *see* De, S.S. 83898
Guha, S. *see* Petruzzello, J. 75945
Guha, S. *see* Xixiang Xu 92903
Guha, S. *see* Xixiang Xu 102969
Guha, S.K. *see* Anand, S. 120532
Guha, S.K. *see* Bhattacharyya, A.B. 101436
Guha, S.K. *see* Njoku, P.C. 110743
Guha, S.K. *see* Sengupta, A. 110778
Guharay, S.K. *see* Allen, C.K. 89952
Guharay, S.K. *see* Dudnikov, V.G. 69689
Guhl, R. *see* Berg, M. 93937
Guhl, R. *see* Schmegner, K.E. 83542
Guhmann, C. *see* Burth, M. 91563
Guhmann, C. *see* Filbert, D. 112017
Gui, J. *see* Kuo, D. 115754
Gui Hou Cheng *see* Cheng Gui Hou
Gui Jing *see* Jing Gui
Gui Khien Nguen *see* Nguen Gui Khien
Gui Linlin *see* Linlin Gui
Gui Xiang *see* Xiang Gui
Gui-Liang Feng *see* Nian-Feng Tzeng 66528
Gui-Ling Li *see* Li Gui-Ling
Gui-Peng Luo *see* Ya-Lin Lu 107585
Guiard, V. Different definitions of Δ-correct selection for the indifference zone formulation 92444
Guiard-Marigny, T., Tsingos, N., Adjoudani, A., Benoit, C., Gascuel, M.-P. 3D models of the lips for realistic speech animation 97646
Guibaly, F.El *see* El Guibaly, F.
Guibert, J.-C. *see* Deleonibus, S. 105546
Guibert, L., Attia, M. Optical processing at the driver's service 95849
Guibert, L. *see* Petillot, Y. 64828
Guichao Hua *see* Jung-Goo Cho 81576
Guichard, C. *see* Murphy, J.A. 65613
Guichard, E., Leroux, C., Blachier, D., Reimbold, G., Cristoloveanu, S., Borel, G. Comparison of hot-carriers effects in SOI and bulk devices using a photon emission technique 115178
Guichard, F., Rudin, L. Nonlinear frame fusion by minimizing divergence magnitude of optical flow 117647
Guicheng Wang *see* Wang Guicheng
Guid, N. *see* Zalik, B. 72222
Guida, M. *see* Calabria, R. 113032
Guidetti, G. Thissavros: A major element in the Nestos river development [hydropower project] 81352
Guidi, F. *see* Tortoli, P. 90375
Guidi, G. *see* Tortoli, P. 90375
Guidi, M. *see* Puscas, N.N. 79746
Guidi, R., Manara, G., Monorchio, A., Reggiannini, R. Stability analysis of a time-domain MM code for electromagnetic scattering predictions 97062
Guidi, V. *see* Calabrese, R. 79834
Guidi, V. *see* Calabrese, R. 79835
Guidi, V. *see* Calabrese, R. 100517
Guidi, V. *see* Ferroni, M. 119757
Guidi, V. *see* Sberveglieri, G. 72886
Guidoin, R.G. *see* Stroman, P.W. 80346
Guidon, J., Pierre, S. A client-server architecture for an instructional environment based on computer networks and the Internet 109081
Guidorzi, R.P., Pierantoni, M. On searching optimal solutions on the singularity surface of a covariance matrix 92374
Guidotti, R.A., Reinhardt, F.W. Electrolyte effects in Li(Si)-FeS_2, thermal batteries 112225
Guien Zhou *see* Qianwang Chen 74259
Guifang Li, Feng Tian, Boncek, R.K. Subcarrier optical communication link based on two-section laser diodes with optoelectronic feedback 119149
Guifang Lu *see* Lu Guifang
Guifu Zhang, Leung Tsang Wave scattering and scene image of trees generated by Lindenmayer systems 111324
Guignard, G. Updating of beam dynamics in the CLIC main linac 89671

Guignard, G., d'Amico, E.T. A new family of isochronous arcs [CLIC accelerator] 89670
Guignard, G. *see* Braun, H. 89667
Guignard, P. *see* Barry, L.P. 78736
Guignet, J.B. Generalized Recognition Of Gates: a VLSI abstraction tool 74792
Guijarro, J. *see* Mancini, P. 120734
Guijing Xu *see* Xu Guijing
Guijuan Sun *see* Haosheng Fei 116676
Guil, N. *see* Bruguera, J.D. 104594
Guilan Chang *see* Zonguang Yu 83178
Guilan Ding *see* Delong Zhang 116420
Guilbault, F. *see* Lautridou, P. 69792
Guilbeau, E.J. *see* Towe, B.C. 79581
Guilbert, A.R., Law, M., Sanderson, M.L. A novel ultrasonic/thermal clamp-on flowmeter for low liquid flowrates in small diameter pipes 100394
Guilbert, A.R., Sanderson, M.L. A novel ultrasonic mass flowmeter for liquids 69045
Guilbert, A.R., Sanderson, M.L. The development of curved reflective surfaces for ultrasonic beam redirection in high speed gas flow measurement 100395
Guilbert, M. *see* Vinouze, B. 89344
Guild, K. *see* Simeonidou, D. 78715
Guild, K.M. *see* Webb, S.M. 78711
Guild, L.S. *see* Morrissey, L.A. 70452
Guilfoyle, C., Pace, S. Repowering with G technology turbines 91362
Guilfoyle, S.J., Pollard, R.J., Grundy, P.J. Low-energy ion beam-assisted deposition of giant magnetoresistive thin films 61358
Guilhalmenc, C. *see* Prieur, E. 105487
Guilherme, J., Vital, J., Franca, J.E. New logarithmic two-step flash A/D converter with digital error correction for MOS technology 93515
Guilhou, G., Vecchietti, A. Network SDH optimization 98517
Guiliang Feng *see* Sihai Xiao 66395
Guilin Chen *see* Chen Guilin
Guilin Sun *see* Sun Guilin
Guilin Zhang *see* Chuan Zhou 86643
Guilinger, T.R. *see* Stevenson, J.O. 94038
Guilkey, J.E., Gee, K.R., McMurtry, P.A., Klewicki, J.C. Use of caged fluorescent dyes for the study of turbulent passive scalar mixing 119953
Guillaume, C.Benoit a la *see* Benoit a la Guillaume, C.
Guillaume, J.-C. *see* Gibart, P. 112394
Guillaume, P. Intrinsic expression of the derivatives in domain optimization problems 72620
Guillaume, P. Frequency response measurements of multivariable systems using nonlinear averaging techniques 110314
Guillaume, P., Kollar, I., Pintelon, R. Statistical analysis of nonparametric transfer function estimates 69017
Guillaume, P., Pintelon, R. A Gauss-Newton-like optimization algorithm for "weighted" nonlinear least-squares problems 103731
Guillaume, P. *see* Ganji, A.A. 121497
Guillaume, P. *see* Peirlinckx, L. 82805
Guillaume, P. *see* Schoukens, J. 66760
Guillaume, P. *see* Van Den Broeck, T. 110331
Guillaumond, F., Haug, R. A compensation method using a planimeter to study the motion of an arc column in a disturbing environment 83682
Guillemaud, R., Hugonnard, P., Sauze, R., Grangeat, P. Truncation artifact correction of attenuation map with iterative and model based reconstruction 101163
Guillemaud, R. *see* Axelsson-Jacobson, C. 80243
Guillemaud, R. *see* Payot, E. 70061
Guillemin, F., Hamchaoui, I. ATM transfer capacity 87584
Guillemin, F., Hamchaoui, I. Some traffic aspects in virtual private networks over ATM 108743
Guillemin, F., Rosenberg, C., Meddeb, A. Specification of cell dispersion in ATM networks 108778
Guillemin, F.M., Mazumdar, R.R., Simonian, A.D. On heavy traffic approximations for transient characteristics of M/M/∞ queues 113081
Guillemoles, J.-F., Cowache, P., Lusson, A., Fezzaa, K., Boisivon, F., Vedel, J., Lincot, D. One step electrodeposition of CuInSe$_2$: improved structural, electronic, and photovoltaic properties by annealing under high selenium pressure 61316
Guillemoles, J.F. *see* Lyubomirsky, I. 94478
Guillen, C., Herrero, J. Improvement of the optical properties of electrodeposited CuInSe$_2$ thin films by thermal and chemical treatments 113401
Guillen, S. *see* Poveda, J. 99420
Guillet, M. *see* Wu, Y. 119434
Guillier, J.F. A study of simplified CEI procedures for the coordination of pole isolation 102209
Guillier, J.F. Nondestructive testing of a generator steam's pipe by eddy current 102435
Guillon, F. *see* Aronzon, B. 83828
Guillon, F. *see* Aronzon, B.A. 83837
Guillon, P. *see* Baillargeat, D. 62188
Guillon, P. *see* Baillargeat, D. 93721
Guillon, P. *see* Billonnet, L. 62306
Guillon, P. *see* Blondy, P. 62197
Guillon, P. *see* Bourse, D. 93707
Guillon, P. *see* Brucher, A. 104882
Guillon, P. *see* Cenac, C. 62353
Guillon, P. *see* Chaimbault, D. 62189
Guillon, P. *see* Chaimbault, D. 114242
Guillon, P. *see* Cros, D. 62250
Guillon, P. *see* Cros, D. 83319
Guillon, P. *see* Delmond, M. 83499
Guillon, P. *see* Delmond, M. 114063
Guillon, P. *see* Gendraud, S. 114205
Guillon, P. *see* Krupka, J. 95386
Guillon, P. *see* Madrangeas, S. 93061
Guillon, P. *see* Moraud, S. 83322
Guillon, P. *see* Nigon, F. 93722
Guillon, P. *see* Nigon, F. 114241
Guillon, P. *see* Rada, K. 93705
Guillon, P. *see* Tantot, O. 69470
Guillory, K.S. *see* Normann, R.A. 70227
Guillot, G. *see* Baltagi, Y. 105146
Guillot, G. *see* Bearzi, E. 94369
Guillot, G. *see* Brounkov, P.N. 94503
Guillot, G. *see* Drouot, V. 105608
Guillot, G. *see* Georgescu, B. 106072
Guillot, G. *see* Meva'a, C. 94371
Guillot, G. *see* Seassal, C. 106857
Guillot, M., Le Gall, H., Gouzerh, J., Desvignes, J.M., Artinian, M. Bi-DyIG films: enhancement of the Dy contribution to the Faraday rotation 75156
Guillot, M. *see* Isnard, O. 64221
Guillot, M. *see* Isnard, O. 64325
Guillot, M. *see* Ostorero, J. 75159
Guillot, M. *see* Xijuan Zhang 75158
Guillot, P., Baudrand, H., Vigneron, S., Theron, R. Inter-cavity iris design for five-pole in line elliptic filter 62200
Guillot, Ph., Baudrand, H., Sabatier, C. Application of uniaxial discontinuities in metallic waveguide to design and optimisation of transitions used in the field of antennas 65951
Guillou, C., English, S.J., Prigent, C., Jones, D.C. Passive microwave airborne measurements of the sea surface response at 89 and 157 GHz 70476
Guillou, D.F. *see* Fedder, G.K. 74885
Guillouard, K., Wong, M.F., Hanna, V.F., Citerne, J. A new global finite element analysis of microwave circuits including lumped elements 83353
Guillouard, K., Wong, M.F., Hanna, V.F., Citerne, J. Diakoptics using finite element analysis 85940
Guilloux-Viry, M. *see* Perrin, A. 61281
Guilmain, B.D. The Midcourse Space Experiment (MSX) 80543
Guilmain, P., Korn, C., Cuypers, M., Thery, P. SYCLOP (SYstem of Control of Locations and Objects by Parabola) heat flow sensor parabola used for surveillance in safeguards 69552
Guimaraes, G. *see* Ultsch, A. 111222
Guimaraes, H.L., Dias, J.A.S. A current mode high-speed algorithmic analog-to-digital converter 93513
Guimaraes, K. *see* Dehne, F. 108586
Guimaraes, L. *see* Martins, R. 94379
Guimard, C., Drissi, M., Citerne, J. Dispersion characteristics analysis of multilayer microstrip lines with finite ground plane 65939
Guimbal, P., Binet, A., Bleses, J.P., Fontenay, V., Joly, S., Loulergue, A., Marmouget, J.G., Pranal, Y., Rodolfo, J., Sabary, F., Striby, S., Touati, D. Status of the ELSA facility. Last results at high efficiency and first test of a 60 parameters, on line tunable wiggler 96547
Guimpel, J. *see* Pardo, F. 72953
Guinand, R. *see* Balhan, B. 79967
Guinea, A. *see* Morales, R. 64733
Guinea, D. *see* Betancourt-Silva, F. 99956
Guinea Rueda, A. *see* Fernandez Diaz, J.M. 97250
Guinjoan, F. *see* Arias, J. 121659
Guinjoan, F. *see* Calvente, J. 113742
Guinjoan, F. *see* Lazaro, A.M. 109995
Guinjoan, F. *see* Manuel, A. 121740
Guinn, K.V. *see* Herman, I.P. 74548
Guinta, S. Designing for one 113747
Guiol, R., Enaud, F. MIGRAZUR computerized operational assistance system on the French Riviera 98099
Guiot, B. *see* Brousseau, C. 109782
Guiqing He, Puying Tang, Xiaozhong Pang Neural network approaches to implementation of optimum multiuser detectors in code-division multiple-access channels 67543
Guiraud, J.L. *see* Ratajczak, P. 65952
Guiraud, R. *see* De Lagrevol, R. 69956
Guirong, G. *see* Songhua, H. 79010
Guirong Guo *see* Ming Xian 119279
Guirong Guo *see* Guo Guirong
Guirong Shi *see* Shi Guirong
Guirong Yan *see* Yan Guirong
Guise, N.De *see* De Guise, N.
Guise, S. The role of the Learning from Experience Trust 60496
Guiseppi-Elie, A. *see* Sheppard, N.F., Jr. 110237
Guisfredi, G. *see* Prevedelli, M. 65472
Guisnel, F. *see* Brillault, B. 110022
Guisnet, B., Verolleman, Y. Evaluation of different methods of DOA using a circular array applied to indoor environment 107917
Guitart i Colom, P., Basart i Munoz, J.M. Petri nets and communication protocols 98771
Guiwen Qiao *see* Qiao Guiwen
Guiwen Zhao *see* Chengyun Wang 72740
Guixia Xiao *see* Xiao Guixia
Guixiang Luo *see* Luo Guixiang
Guixue Bu *see* Bu Guixue
Guiyan Zhang *see* Zhang Guiyan
Guiyun Kao *see* Kao Guiyun
Guizani, M., Memon, A.M. SEROS: A self-routing optical ATM switch 68022
Guizani, M. *see* Memon, A.M. 108756
Guizhen, L., Zhiji, M. Discussion on the parabolic equation in random media 76390
Guizhen Shi *see* Shi Guizhen
Guiziec, A. *see* Gencer, N.G. 110857
Gujoqing Wen *see* Wen Gujoqing
Gujrathi, S.C. *see* Gagnon, G. 84142
Gujrathi, S.C. *see* Ouellet, L. 63434
Gujrathi, S.C. *see* Poitras, D. 113476
Guk Jeong Weon *see* Weon Guk Jeong
Gukhyung Ihm *see* Jong Seol Yuk 105274
Gul', A.I. *see* Klepikov, V.V. 71742
Gul, E. *see* Ruscuk, M. 97709
Gulaev, V., Peskov, V., Silin, E., Sokolova, T. Performance of some photocathodes covered by liquid or solid Xe, Kr and Ar layers 73974
Gulaev, V., Peskov, V., Silin, E., Sokolova, T. Performance of some photocathodes covered by liquid or solid Xe, Kr and Ar layers 100835
Gulak, P.G. *see* Schultz, K.J. 61903
Gulak, P.G. *see* Schultz, K.J. 118727
Gulak, P.G. *see* Sheikholeslami, A. 73398
Gulamov, I.R. *see* Artemov, S.V. 90236
Gulamova, M.A., Zakharov, G.A., Muminov, R.A., Ochilov, S.M., Tursunov, M.N. Silicon solar cells with textured surface 81874
Gulari, E. *see* Deshpande, S.V. 61414
Gulari, E. *see* Lu, J. 116132
Gulari, E. *see* Malik, R. 72784
Gulari, E. *see* Yu, S. 61372
Gulati, R. *see* Chandra, I. 104843
Gulati, R. *see* Chandra, I. 104845
Gulati, R. *see* Jain, B.P. 104855
Gulati, R. *see* Sehgal, B.K. 104844
Gulati, S.T. *see* Goforth, D.E. 82354
Gulbekian, G.G. *see* Didyk, A.Yu. 84395
Gul'bekyan, G.G. *see* Borisov, O.N. 100785
Gulbins, M., Straube, B. Applying behavioural level test generation to high-level design validation 73037
Gulbrandsen, T.H. Energy efficiency, ecological disturbance and energy situation on the international market 121919
Gulden, K., Moser, M., Luscher, S. High performance deep red AlAs/AlGaAs VCSELs for applications in sensing 96848
Gulden, K.H. *see* Epler, J.E. 96273
Gulden, K.H. *see* Maizer, S. 82678
Gulersen, E. *see* Ranaweera, J. 73338
Guleryuz, O.G., Orchard, M.T. Rate-distortion based temporal filtering for video compression 86725
Gules, R. *see* Farret, F.A. 102740
Gulev, V.S., Mikerin, S.L., Ugozhayev, V.D., Pavlyuk, A.A., Nesterenko, V.F. Powerful pulse solid-state laser based on potassium-gadolinium tungstate neodymium doped crystals 107208
Gulgazov, V., Major, J.S., Jr., Zhao, H., Welch, D.F. Tunable high-power AlGaAs distributed Bragg reflector laser diodes 116527
Gulin, A.J. *see* Starodubrovsky, R.K. 62213
Gulin, D. GPS: Satellite navigation system for the next century 79091
Gulisano, A.M. *see* Janz, C.F. 64768
Gulkis, S. *see* Levin, S. 79111
Gulko, M. *see* Sam Ben-Yaakov 71887
Gullberg, G.T., Huesman, R.H., Zeng, G.L., Foresti, S.A. Efficient estimation of dynamic cardiac SPECT kinetic parameters using weighted least squares estimates of dynamic reconstructions 101323
Gullberg, G.T., Zeng, G.L. Three-dimensional SPECT reconstruction of combined cone-beam and fan-beam data acquired using a three-detector SPECT system 80308
Gullberg, G.T. *see* Hsieh, Y.-L. 101151
Gullberg, G.T. *see* Hsieh, Y.-L. 101158
Gullberg, G.T. *see* Li, J. 101155
Gullberg, G.T. *see* Tsui, B.M.W. 80227
Gullberg, G.T. *see* Welch, A. 101096
Gullberg, G.T. *see* Weng, Y. 80229
Gullberg, G.T. *see* Weng, Y. 101173
Gullberg, G.T. *see* Weng, Y. 101177
Gullberg, G.T. *see* Yu-Lung Hsieh 101291
Gullberg, G.T. *see* Zeng, G.L. 80242
Gullberg, G.T. *see* Zeng, G.L. 101156
Gullikson, E. *see* Fedin, D.A. 100908
Gullikson, E.M., Korde, R., Canfield, L.R., Vest, R.E. Stable silicon photodiodes for absolute intensity measurements in the VUV and soft X-ray regions 79425
Gulliver, T.A. New quaternary linear codes of dimension 5 66489
Gulliver, T.A., Jorgenson, M., Moreland, W.K. Performance of Reed-Solomon codes with dependent symbol errors 76771
Gulliver, T.A. *see* Almulhem, A. 98408
Gulliver, T.A. *see* Bigloo, A.M.Y. 118982
Gulliver, T.A. *see* Esmaeili, M. 66422
Gullo, L. Reliability considerations in developing a high volume chip-on-board process 92221
Gully, W.J., Hopkins, R.A., Cork, C.P., Luke, P.N., Madden, N.W., Malone, D.F., Pehl, R.H. Germanium gamma-ray detector operation with a flight-like mechanical cooler 111054
Guloksuz, A., Halici, U. A neural circuit to handle passive extinction in conditioned reinforcement learning 93653
Gulp, C. *see* Haberl, J. 121917
Gulski, E. *see* Claudi, A. 102811

Gulsrud, T.O., Kjode, S. Optimal filter for detection of stellate lesions and circumscribed masses in mammograms 90339
Gultekin, S., Al-Saleh, M.A., Al-Zakri, A.S., Abbas, K.A.A. Deactivation studies on the porous Ni-gas diffusion electrode in H_2/O_2 alkaline fuel cell 81741
Gultekin, S. *see* Al-Saleh, M.A. 91727
Gulyaev, Yu.V., Zil'berman, P.E., Temiryazev, A.G., Tikhomirova, M.P. Excitation of hypersound with thickness-inhomogeneous ferrite films 101611
Gulyaev, Yu.V. *see* Chernozatonskii, L.A. 73941
Gulyaev, Yu.V. *see* Chernozatonskii, L.A. 83709
Gulyaev, Yu.V. *see* Devyatkov, N.D. 110881
Gulyaev, Yu.V. *see* Zakharchenko, Yu.F. 74004
Gulyaev, Y.V. *see* Zakharchenko, Y.F. 83742
Gulyamov, G., Khamidova, B. Effect of sample geometry on the current-voltage characteristic of a p-n junction in a strong microwave field 74316
Gulyas, L. *see* Koever, A. 69873
Gumbel, I. *see* Shishatskaya, L.P. 111193
Gumbs, R.W. *see* Guang-Way Jang 116102
Gumenuk, V.S. *see* Karpov, O.V. 109978
Gumenyuk, S. *see* Alvsvaag, S.J. 90124
Gummadavelli, U. *see* Tugnait, J.K. 98355
Gumnova, I.I., Zolotarev, V.A., Novikov, V.N. Multifunctional microprocessor transducer 79389
Gumuskaya, H., Orencik, B., Kurugollu, T., Palaz, T. Automatic scheduling of real-time digital filtering algorithms onto processors 93439
Gun, L. *see* Peyravian, M. 98572
Gun Kim Hyo *see* Hyo Gun Kim
Gun Lee Chang *see* Chang Gun Lee
Gun Shul Yong *see* Yong Gun Shul
Gun Yong Sung *see* Park, H.J. 106697
Gun-Man Lo *see* Ying-Chung Chen 74284
Gun-Sup Go *see* Moohee Lee 83274
Gun-Woo Moon, Jung-Hoon Lee, In-Cheol Baik, Kyeong-Hwa Kim, Myung-Joong Youn Modeling and improved predictive current control for buck-boost series resonant inverter 81545
Gunagming Cha *see* Lu Fan 68217
Gunapala, S., Sundaram, M., Bandara, S. Quantum wells stare at long-wave IR scenes 89088
Gunapala, S. *see* Sundaram, M. 110217
Gunapala, S.D. *see* Sarusi, G. 69295
Gunarathne, G.P.P., Keatch, R.W. Novel techniques for monitoring and enhancing dissolution of mineral deposits in petroleum pipelines 101627
Gunasekara, O. Wireless applications for compact RISC MCUs 78384
Gunawan, E. *see* Cheng, T.-H. 67525
Gunawan, E. *see* Kok-Jung Yong 88219
Gunawan, E. *see* Tan, P.T. 68090
Gunawan, E. *see* Tan, P.T. 78499
Gunawardana, G. *see* Kularatna, A.D.V.N. 87541
Guncer, S.E., Ferry, D.K. Ensemble Monte Carlo study of nonequilibrium carrier dynamics in photoexcited p-i-n structures 62809
Gunda, A. *see* Wu, N.M. 95141
Gunder, O.A., Kopina, I.V. High-sensitivity polymer detector of α-and β-radiation 100910
Gundlach, A.M. *see* Reeves, C.M. 63776
Gundlach, K.H. *see* Gusten, R. 68806
Gundlach, K.H. *see* Karpov, A. 62297
Gundlach, K.H. *see* Karpov, A. 79096
Gundlach, K.H. *see* Maier, D. 115937
Gundrum, H. *see* El-Sharkawy, M. 97965
Gundrum, H. *see* El-Sharkawy, M. 101092
Gundrum, H.C. *see* Rizkalla, M.E. 98977
Gundurao, T.K., Sarwade, J.R., Moharil, S.V. Correlated ESR, PL and TL studies on copper activated thermoluminescence dosimetry phosphors 85268
Gunduz, G., Uslu, I., Durmazucar, H.H. Boron-nitride-coated nuclear fuels 121330
Guneratne, R. *see* Kanamura, K. 121874
Gunes, E.O., Anday, F. Realisation of current-mode universal filter using CFCCII$_p$s 73527
Gunes, F., Ramiz, R. A new design method for the quarter-wave transformer circuits based on nonuniform sampling in the frequency domain 114055
Gunes, M. *see* Incesu, L. 110786
Guney, K. *see* Coskun, O. 65802
Gung, C.Y., Seeves, M.M., Minervini, J.V. Energy dissipation in CS model coil joint during normal operation 106724
Gung Chen-yu *see* Chen-yu Gung
Gunji, H. *see* Fujii, Y. 109295
Gunji, K. *see* Okada, Y. 109542
Gunji, K. *see* Suma, S. 104659
Gunji, S. *see* Kawano, Y. 65583
Gunji, S. *see* Sakurai, H. 90170
Gunji, S. *see* Tamura, T. 80082
Gunji, S. *see* Tamura, T. 101025
Gunji, S. *see* Tamura, T. 101026
Gunji, S. *see* Tomita, H. 101027
Gunjima, M. *see* Aoyama, E. 62486
Gunjima, M. *see* Aoyama, E. 62487
Gunjima, T. *see* Hirai, Y. 89447
Gunjima, T. *see* Kumai, H. 95853
Gunluk, O. *see* Bienstock, D. 113629
Gunn, C. Partners in telecommunications and teaching: a pre-service/in-service project 92061
Gunn, C.I.M. *see* Tromop, R.W. 91041
Gunnarsson, T. *see* Enge, P. 88759
Gunnarsson, T. *see* Thorsteinsson, S. 68755
Gunnestad, J. *see* Nyland, S. 101856
Gunning, P., Lucek, J.K., Moodie, D.G., Smith, K., Davey, R.P., Chernikov, S.V., Guy, M.J., Taylor, J.R., Siddiqui, A.S. Gainswitched DFB laser diode pulse source using continuous wave light injection for jitter suppression and an electroabsorption modulator for pedestal suppression 65342
Gunning, P., Lucek, J.K., Moodie, D.G., Smith, K., Davey, R.P., Chernikov, S.V., Guy, M.J., Taylor, J.R., Siddiqui, A.S. CW injected, low-jitter, low-pedestal, gain-switched DFB-SLD/electroabsorption modulator-based pulse source at 1.5 μm for ultrafast network applications 78710
Gunning, P. *see* Davey, R.P. 78709
Gunning, P. *see* Rogers, D.C. 78692
Gunning, W. *see* Sankur, H. 95921
Gunning, W.J. *see* Eblen, J.P., Jr. 90703
Gunningberg, P. *see* Ahlgren, B. 98459
Gunningberg, P. *see* Moldeklev, K. 118091
Gunsenheimer, U., Hahn, A., Krause, A., Kuplevakhksy, S.V. Influence of magnetic field and Pincus states in normal-metal-superconductor tunnel junctions 115924
Gunshor, R.L., Han, J., Hua, G.C., Nurmikko, A.V., Jeon, H. Growth issues for blue-green laser diodes 75942
Gunshor, R.L., Nurmikko, A.V. Wide bandgap semiconductors and their application to light emitting devices 75745
Gunshor, R.L., Nurmikko, A.V. Blue-laser CD technology 106763
Gunshor, R.L. *see* Chu, C.C. 96240
Gunshor, R.L. *see* Jung Han 107239
Gunshor, R.L. *see* Kozlov, V. 63061
Gunshor, R.L. *see* Nurmikko, A.V. 75955
Gunshor, R.L. *see* Song, Y.-K. 107002
Gunten, A.von *see* von Gunten, A.
Gunter, D.L. *see* Chunwu Wu 80312
Gunter, E.J. *see* Fang Zhichu 111735
Gunter, P. *see* Bosshard, Ch. 85655
Gunter, P. *see* Cudney, R.S. 115411
Gunter, P. *see* Fluck, D. 64771
Gunter, P. *see* Fluck, D. 65470
Gunter, P. *see* Fousek, J. 106361
Gunter, P. *see* Kaatz, P.G. 85649
Gunter, P. *see* Medrano, C. 85609
Gunter, P. *see* Nakagawa, K. 85726
Gunter, P. *see* Pretre, P. 75596
Gunter, P. *see* Serbutoviez, C. 85620
Gunter, P. *see* Sitar, Z. 92766
Gunter, P. *see* Weder, Ch. 85650
Gunther, A. *see* Grula, J. 109678
Gunther, B. *see* Gilchrist, P. 99316
Gunther, C. *see* Hubert, O. 95491
Gunther, C.G. Comment on "estimate of channel capacity in Rayleigh fading environment" 66205
Gunther, E. *see* Ebersberger, B. 95206
Gunther, E. *see* Kragler, K. 63511
Gunther, G., Hartnell, B., Rall, D. Star-factors and k-bounded total domination 60869
Gunther, H.O., Gronalt, M., Piller, F. Component kitting in semi-automated printed circuit board assembly 94107
Gunther, J. *see* Merenda, J.L. 68166
Gunther, M., Rentrop, P. The differential-algebraic index concept in electric circuit simulation 93087
Gunther, M. *see* Botner, O. 69728
Gunther, M.F. *see* Murphy, K.A. 69229
Gunther, M.F. *see* Wang, A. 79473
Gunther, P. *see* Klemberg-Sapieha, J.E. 113437
Gunther, S. How to embed GSM into the fixed telecommunication infrastructure? 99240
Guntherodt, G. *see* Rudiger, U. 75190
Guntherodt, G. *see* Rudiger, U. 84816
Guntherodt, G. *see* Rudiger, U. 115617
Guntherodt, H.-J. *see* Hug, H.J. 75170
Guntherodt, H.-J. *see* Lang, H.P. 63339
Gunton, D.J., Williams, M.O. COMIS: a localized 63 GHz communication system for vehicle users 99246
Guntsch, A. Analysis of the ATDMA/PRMA++ protocol in a mobile satellite system environment 118074
Guntsch, A. Signaling analysis for an integrated GSM and satellite PCN 118842
Guntsch, A. Mobility management in an integrated GSM and satellite PCN 118997
Guntsch, A. *see* Scheibenbogen, M. 109518
Gunturi, R. *see* Neureuther, A.R. 74814
Guntzel, J.L., Reis, R.A.daL., Flores, A.P., Johann, M.deO. A novel approach for ASIC layout generation 93016
Guo, B.Q. *see* Babuska, I. 82563
Guo, C. *see* Sharaf, A.M. 80954
Guo, C.S., Weitian Wang, Cai, L.Z. Dot-array rainbow hologram 116749
Guo, D.N. *see* Chan, C.H. 100443
Guo, G., Wang, Y., Lim, K.-Y., Gao, L. Robust nonlinear controller for power system transient stability enhancement with voltage regulation 121033
Guo, H., Rodgers, J., Chen, S., Walter, M., Granatstein, V.L. Experimental investigation of a phase-locked harmonic multiplying inverted gyrotwystron 114537
Guo, H. *see* Granatstein, V.L. 100479
Guo, H.Z., Granatstein, V.L., Antonsen, T.M., Jr., Levush, B., Tate, J., Chen, S.H. Compact, harmonic multiplying gyrotron amplifiers 62622
Guo, H.Z., Hoppe, D.J., Rodgers, J., Perez, R.M., Tate, J., Conroy, B.L., Granatstein, V.L., Bhanji, A., Latham, P.E., Nusinovich, G.S., Naiman, M. Phase-locking of a second-harmonic gyrotron oscillator using a quasi-optical circulator to separate injection and output signals 62584
Guo, J.-H., Wang, C.-L. A new systolic architecture for fast exponentiation in GF(2^m) 93479
Guo, J.D., Feng, M.S., Pan, F.M. Study of Schottky barriers on n-type GaN grown by LP-MOCVD 83994
Guo, J.D., Pan, F.M., Feng, M.S., Guo, R.J., Chou, P.F., Chang, C.Y. Schottky contact and the thermal stability of Ni on n-type GaN 94594
Guo, J.D. *see* Chih-Hao Lee 74257
Guo, J.D. *see* Feng, M.S. 94764
Guo, J.D. *see* Lin, C.F. 74260
Guo, J.P. *see* Ramachandran, S. 85771
Guo, L. *see* Kuroyanagi, N. 86193
Guo, L. *see* Zhao, C.Z. 106847
Guo, Q., Huang, W.P. Polarisation-independent optical filters based on co-directional phase-shifted grating-assisted couplers: theory and designs 85235
Guo, R., Love, C.E. Linear-spline approximation for semi-parametric modeling of failure data with proportional hazards 82338
Guo, R.J. *see* Guo, J.D. 94594
Guo, S., Fukuda, T., Nakamura, T., Arai, F., Oguro, K., Negoro, M. Micro active guide wire catheter system—Characteristic evaluation, electrical model and operability evaluation of micro active catheter 90557
Guo, S. *see* Berggren, M. 75756
Guo, S.P., Chang, Y., Zhang, J.M., Shen, X.C., Chu, J.H., Yuan, S.X. Effect of the post-As$^+$-implantation thermal treatment on MBE HgCdTe optical properties 63218
Guo, S.P. *see* Zhang, J.M. 105538
Guo, T. Novel GaAs photocathodes with alkali antimonide intermediate layers and caesium-oxygen adlayers 114509
Guo, T. *see* Barty, C.P.J. 65135
Guo, T. *see* Barty, C.P.J. 96233
Guo, T. *see* Yamakawa, K. 107442
Guo, W.H. *see* Huang, J.T. 74111
Guo, X.L., Liu, Z.G., Chen, X.Y., Zhu, S.N., Xiong, S.B., Hu, W.S., Lin, C.Y. Pulsed laser deposition of $Sr_xBa_{1-x}Nb_2O_6$/MgO bilayered films on Si wafer in waveguide form 72943
Guo, X.L., Liu, Z.G., Zhu, S.N., Yu, T., Xiong, S.B., Hu, W.S. Pulsed laser deposition of c-oriented $LiNbO_3/LiTaO_3$ optical waveguiding bilayered films on silicon wafers 106824
Guo, X.L. *see* Luo, G.P. 107490
Guo, X.L. *see* Xiong, S.B. 75524
Guo, X.L. *see* Xiong, S.B. 82723
Guo, Y., Yogi, R., Wong, A. A low voltage monolithic FM/IF system for DECT and other high speed GFSK applications 88241
Guo, Y. *see* Chen, B.M. 84727
Guo, Y. *see* Dow, G.S. 89157
Guo, Y. *see* Gao, T. 66164
Guo, Y. *see* Rajagopalan, J. 71450
Guo, Y.C. *see* Wang, W.G. 61450
Guo, Y.C. *see* Wang, W.G. 113536
Guo, Y.J. *see* Alkussayer, H.M. 109500
Guo, Y.P., Lee, H.P., Teo, C.L. Multichannel image restorations using an iterative algorithm in space domain 77371
Guo, Y.P., Lee, H.P., Teo, C.L. Multichannel image restorations: iterative and adaptive constrained least square algorithm 86812
Guo Aqiang *see* Wang Xusheng 84763
Guo Bao-An, Lu Kai-Cheng Zero-knowledge proof protocol of the isomorphism of graphs 118160
Guo Baoping, Niu Hanben Study of gate pulse interference with sweep circuit 114544
Guo Benqi *see* Benqi Guo
Guo Caixia *see* Caixia Guo
Guo Changning *see* Sun Xiaopeng 73709
Guo Changzhi, Chen Shuilian Gain switching in semiconductor laser under microwave field heating electron temperature modulation 85505
Guo Changzhi, Chen Shuilian Small signal behavior in semiconductor laser under microwave field heating electron temperature modulation 116508
Guo Chuan Xiong, Zhang Shao Ren Dynamic compression, and storage of voice information in the distributed voice information database 118304
Guo Chun Biao Extraction of line using morphological processing and line linking 97923
Guo De-Kun, Deng Ning, Li Jing-Yu Network 3-dimensional analysis for communication system 118168
Guo Der-Feng *see* Der-Feng Guo
Guo Duanyang *see* Duanyang Guo
Guo Feng-Zhen *see* Feng-Zhen Guo
Guo Gao *see* Wuchen Wu 106026
Guo Guan Rong *see* Guan Rong Guo
Guo Guan Xin *see* Guan Xin Guo
Guo Guang-can *see* Zhang Xiao-yu 86076
Guo Guanghui *see* Wang Jicheng 90162
Guo Guirong *see* Yu Wenxian 99661
Guo Guirong *see* Guirong Guo
Guo Guoxiao *see* Guoxiao Guo
Guo Hetong *see* Li Guohua 91718
Guo Hong, Guo Qingji The permanent magnet synchronous motor servosystem 112025
Guo Hong *see* Hong Guo
Guo Honghui, Peng Qunsheng An efficient alignment algorithm for 3D reconstruction of pulmonary alveolus from serial microsections 69972

Guo Huiqun *see* Shen Baogen 64476
Guo Jan-Dar *see* Jan-Dar Guo
Guo Jianbo Influence of environmental protection on development of power system in China 80973
Guo Jianbo *see* Li Ruomei 71181
Guo Jianen *see* Jianen Guo
Guo Jianyu *see* Xu Zhengxiong 81074
Guo Junpeng *see* Junpeng Guo
Guo Li *see* Stewart, T.L. 73003
Guo Lingjie *see* Lingjie Guo
Guo Lurong *see* Lurong Guo
Guo Meijuan *see* Meijuan Guo
Guo Mian Improved algorithm and method for characterizing instability and write-induced magnetic center shifts for MR head 115728
Guo Nan, Hong Fuming A digitalized DS/SS receiver structure with adaptive control of soft limiting 68186
Guo Nan, Hong Fuming The constructure of rate variable multidimensional DS/SS communication systems 118799
Guo Nan, Hong Fuming, Li Lemin An M-ary DS/SS communication system and the optimization of information-combination mapping 108796
Guo Ning *see* Ning Guo
Guo Ningqun *see* Ningqun Guo
Guo Pingjun *see* Pingjun Guo
Guo Qi, Li Baoxing ELCOM protocol and its application in dispatch automatic system of Shandong provincial dispatching centre 70743
Guo Qingding, Luo Ruifu, Wang Limei Neural network adaptive observer based position and velocity sensorless control of PMSM 91477
Guo Qingding, Luo Ruifu, Wang Limei Robust PMLSM servo system using disturbance observer based on acceleration control loop 121517
Guo Qingji *see* Guo Hong 112025
Guo Qinlin *see* Qinlin Guo
Guo Ruixiang *see* Ruixiang Guo
Guo Ruyan *see* Ruyan Guo
Guo Shanglai *see* Zhao Wenbiao 111826
Guo Shangping *see* Wang Wei 106827
Guo Shaoling *see* Cai Yi 95990
Guo Shiping *see* Zhao Jun 94471
Guo Shuxiang *see* Shuxiang Guo
Guo Sumei *see* Sumei Guo
Guo Tiande *see* Tiande Guo
Guo Ting *see* Ting Guo
Guo Tiyun *see* Li Jiandong 109272
Guo Tzong-Yih *see* Tzong-Yih Guo
Guo Wang Wei *see* Wang Wei Guo
Guo Wann-Yih *see* Wann-Yih Guo
Guo Wei *see* Wei Guo
Guo Weilian *see* Zheng Yunguang 84343
Guo Weilian *see* Weilian Guo
Guo Wenyan, Chen Zhaoyu Radar cross section of two layers dielectric disk 78963
Guo Wenyuan *see* Geng Fenghui 61447
Guo Wenyuan *see* Yu Jianjun 64070
Guo Xiao-Lei *see* Xiao-Lei Guo
Guo Xiaobing *see* Xiaobing Guo
Guo Xiaohong *see* Liu Zhanwen 110531
Guo Xiaohui *see* Gong Ping 95639
Guo Yanpeng *see* Yanpeng Guo
Guo Yanping *see* Yanping Guo
Guo Yifan *see* Yifan Guo
Guo Yili *see* Zhang Zhijian 99040
Guo Yili *see* Zhang Zhijian 109315
Guo Yili *see* Yili Guo
Guo Yimin *see* Yimin Guo
Guo Ying *see* He Mincai 110152
Guo Ying *see* Ying Guo
Guo Yong *see* Shi Yan 108239
Guo Zhenfeng *see* Zhenfeng Guo
Guo Zhenming *see* Cong Wang 70782
Guo Zhenzhou *see* Zhenzhou Guo
Guo Zhizhong *see* Hu Linxian 80798
Guo Zhongyan *see* Wang Jinchuan 69823
Guo Zihai *see* Wang Wei 108520
Guo Zixiang *see* Liao Riping 117931
Guo Zongming *see* Zongming Guo
Guo-Bao Jiang *see* Bing-Zong Li 84209
Guo-Bao Jiang *see* Hua Fang 84212
Guo-Bin Ma, Wei-Han Tan Soft X-ray laser in a steep density gradient Mg XI plasma 85355
Guo-Chun Liang, Chien-Fu Shih, Withers, R.S., Cole, B.F., Johansson, M.E. Space-qualified superconductive digital instantaneous frequency-measurement subsystem 100264
Guo-Fu Niu, Gang Ruan Modelling of hole confinement gate voltage range for SiGe-channel P-MOSFETs 84433
Guo-Hong Zhu *see* Zhu Guo-Hong
Guo-Jun Zu *see* Ru-J. Hung 90673
Guo-Liang Wu, Mark, J.W. Computational methods for performance evaluation of a statistical multiplexer supporting bursty traffic 77633
Guo-Qiang Xue, Shi-Xin Cheng Simulation of uplink CDMA RAKE receiver with selective diversity and coding 118955
Guo-Qiang Zhang *see* Zhang Guo-Qiang
Guo-qing Zhu *see* Zhu Guo-qing
Guo-Qun Zhong, Chua, L.O., Brown, R. Experimental Poincare maps from the twist-and-flip circuit 114078
Guo-Qun Zhong *see* Chai Wah Wu 83273
Guo-Qun Zhong *see* Chua, L.O. 114156
Guo-Wei Huang *see* Ting-Chang Chang 61324
Guo-Wei Huang B *see* Ting-Chang Chang 64906
Guo-Xing Zheng *see* Nan-Jin Feng 117839
Guo-yu Wang, Houkes, Z., Korsten, M.J. Pose estimation of polyhedral objects from binocular images using a two stage approach 86881
Guo-Yu Wang *see* Nan-Jin Feng 117839
Guo-Zhen Xiao *see* Deng-Guo Feng 66431
Guo-zheng Li *see* Yong Gao 64807
Guo-Zua Wu *see* Shih-Hsu Chang 87103
Guobao Zheng, Pardavi-Horvath, M., Xiaohua Huang, Keszei, B., Vandlik, J. Experimental determination of an effective demagnetization factor for nonellipsoidal geometries 75154
Guobao Zheng *see* Pardavi-Horvath, M. 115592
Guochen Cao *see* Cao Guochen
Guochun Zhang *see* Zhang Guochun
Guoen Sun *see* Sun Guoen
Guofan Jin *see* Guoliang Huang 108439
Guofan Jin *see* Shifu Yuan 106762
Guofan Jin *see* Shifu Yuan 116151
Guofan Jin *see* Jin Guofan
Guofen Yu *see* Wenxiang Wang 104805
Guofu Chen *see* Chen Guofu
Guofu Niu *see* Niu Guofu
Guogang Feng *see* Feng Guogang
Guoguang Mu *see* Zikuan Chen 87207
Guoguang Mu *see* Mu Guoguang
Guoguang Yang *see* Yang Guoguang
Guohao Zhang, Pollard, R.D., Snowden, C.M. A novel technique for HEMT tripler design 83377
Guohong, T., Deying, C., Jian, Z. Instrument of the switch feature of semiconductor power devices 69009
Guohu Zhang *see* Hongfa Luan 84073
Guohua Li *see* Li Guohua
Guohua Qiu *see* Qiu Guohua
Guohua Zhang *see* Zhang Guohua
Guohui Li, Wei Han, Yan Luo, Dejun Han, Chengzhou Ji The application of ion implantation in GaAs IC 84100
Guohui Li *see* Chengzhou Ji 94675
Guohui Li *see* Li Guohui
Guoji Hu *see* Wai-Hoi Wong 90345
Guoji Hu *see* Wai-Hoi Wong 101103
Guoji Hu *see* Wai-Hoi Wong 101115
Guojia Gang *see* Gang Guojia
Guojie Dong, Ruey-Wen Liu A neural network for smallest eigenvalue with application to blind equalization 97693
Guojun Lu Image retrieval based on shapes 67130
Guojun Sun *see* Sun Guojun
Guojun Wen *see* Wen Guojun
Guojun Zhou *see* Zhou Guojun
Guoli Gong *see* Gong Guoli
Guoliang, D. Computer testing system of the temperature controller 119561
Guoliang, D. *see* Wei, Z. 120233
Guoliang Huang, Guofan Jin, Minxian Wu, Yingbai Yan Novel gray image processing in a single operation optical morphological processor 108439
Guolin Wang *see* Wang Guolin
Guolin Yu, Soga, T., Jimbo, T., Umeno, M. Characterization of MOCVD-grown GaAs on Si by spectroscopic ellipsometry 105182
Guolin-Lu *see* Youshu-Huang 89152
Guon Kim Young *see* Young Guon Kim
Guoning Gao *see* Gao Guoning
Guoping Xie *sec* Xie Guoping
Guoping Zhang *see* Jiaxiong Ye 116588
Guoping Zhang *see* Zhang Guoping
Guoqi Li *see* Li Guoqi
Guoqi Liu *see* Liu Guoqi
Guoqiang, N. *see* Weiqi, J. 77185
Guoqiang, Z. *see* Shigeki, T. 91571
Guoqiang Cao *see* Cao Guoqiang
Guoqiang Hang *see* Hang Guoqiang
Guoqiang Li, Liren Liu, Lan Shao, Yaozu Yin Optical negabinary addition with higher-order substitution rules 106895
Guoqiang Li *see* Binquan Wang 117564
Guoqiang Li *see* Bo Liu 64854
Guoqiang Li *see* Lan Shao 86890
Guoqiang Li *see* Lan Shao 95643
Guoqiang Li *see* Liren Liu 85207
Guoqiang Ni *see* Ni Guoqiang
Guoqiang Shen A path-based hub-and-spoke network design model and its linearization 108873
Guoqiang Zhang, Rongliang Yan, Wenyu Gao, Diyuan Ren, Yuanfu Zhao, Yuhong Hu Ionizing radiation effects of mobility in fluorinated NMOSFETs 84391
Guoqiang Zhang *see* Yuanfu Zhao 94736
Guoqiang Zhang *see* Zhang Guoqiang
Guoqing, H. *see* Xudong, Z. 107654
Guoqing Li *see* Li Guoqing
Guoqing Miao, Pushan Tang Design considerations for a high performance OTA with fully differential gain enhancement 82963
Guoqing Miao *see* Guoqing Xu 83098
Guoqing Sun *see* Ranson, K.J. 120895
Guoqing Tang *see* Tang Guoqing
Guoqing Xu, Guoqing Miao, Pushan Tang Improvement and synthesis techniques for low-noise Current Steering Logic (CSL) 83098
Guoqing Xue *see* Kotosaka, S. 109688
Guoqing Zheng *see* Zheng Guoqing
Guor-Rurng Lii *see* Ching-Tzong Su 71603
Guorong Xuan *see* Xuan Guorong
Guorui Dai *see* Dai Guorui
Guorui Li *see* Li Guorui
Guosheng Zhou *see* Zhou Guosheng
Guotong Du *see* Du Guotong
Guotong Zhou, Giannakis, G.B. Polyspectral analysis of mixed processes and coupled harmonics 66667
Guotong Zhou, Giannakis, G.B., Swami, A. On polynomial phase signals with time-varying amplitudes 66694
Guowei Lu *see* Lu Guowei
Guowei Wu *see* Wu Guowei
Guowei Zhang *see* Zhang Guowei
Guowen Lu *see* Serrano-Heredia, A. 116138
Guowu Zheng, Xiaoming Chen, Kangsheng Chen Analysis of nonlinear waveguides by transmission line theorem 65970
Guoxiang Gu, Jian Huang Design of QMF banks and nonlinear optimization 66644
Guoxiang Gu *see* Aravena, J.L. 117323
Guoxiang Lan *see* Qian Sun 96642
Guoxiang Xu, McGrath, P.B. Electrical and thermal analysis of polymer insulator under contaminated surface conditions 70947
Guoxiao Guo *see* Youyi Wang 70763
Guoxiao Guo *see* Youyi Wang 101900
Guoxing, F. *see* Jixiang, Z. 76389
Guoying Chen, Wenjie Liu, Songyan Yin, Xinqiao Wang Visible compound optical cavity VSIS GaAlAs-GaAs lasers 85494
Guoying Fan *see* Fan Guoying
Guoying Feng *see* Feng Guoying
Guoying Liu, Van Gelderen, P., Duyn, J., Moonen, C.T.W. Single-shot diffusion MRI of human brain on a conventional clinical instrument 70090
Guoying Wu *see* Wu Guoying
Guoyou Wang, Tianxu Zhang, Luogang Wei, Nong Sang Efficient method for multiscale small target detection from a natural scene 67386
Guoyou Wang *see* Wang Guoyou
Guoyu He *see* He Guoyu
Guoyu Wu *see* Wu Guoyu
Guoyu Xu *see* Xu Guoyu
Guoyun Ru *see* Xuanhui Lu 85406
Guozhao Wang *see* Wang Guozhao
Guozhen Xiao *see* Xiao Guozhen
Guozhen Yang *see* Xinhui Zhang 94511
Guozhen Yang *see* Yang Guozhen
Guozhen Zheng *see* Zheng Guozhen
Guozheng Li *see* Li Guozheng
Guozhong Xu *see* Xu Guozhong
Gupta, A., Jain, V.K., Jain, A., Singhal, G.K. Application of porous silicon in chemical sensing 110130
Gupta, A., Puri, M.C. "More(same)-for-less" paradox in minimal cost network flow problem 72492
Gupta, A., Rothermel, K. Failure recovery for multi-party real-time communication 98424
Gupta, A., Salib, M., Ezis, A. A high efficiency 1.8 W, 6 to 18 GHz HBT MMIC power amplifier 104859
Gupta, A., Siang-Chun The, Hayes, J.P. XPRESS: a cell layout generator with integrated transistor folding 74832
Gupta, A., Stahl, D.O., Whinston, A.B. An economic approach to networked computing with priority classes 98723
Gupta, A. *see* Abdel-Wahab, H. 112811
Gupta, A. *see* Agarwal, A. 108715
Gupta, A. *see* Ali, F. 83430
Gupta, A. *see* Bettati, R. 87424
Gupta, A. *see* Bettati, R. 118531
Gupta, A. *see* Chakrabarti, P. 115230
Gupta, A. *see* Ferrari, D. 118590
Gupta, A. *see* Funka-Lea, G. 90329
Gupta, A. *see* Ghosh, S. 98470
Gupta, A. *see* Katkere, A. 77970
Gupta, A. *see* Maly, K. 109249
Gupta, A. *see* Maly, K. 118404
Gupta, A. *see* Maly, K.J. 118346
Gupta, A. *see* Maly, K.J. 118500
Gupta, A. *see* O'Donnell, T. 90328
Gupta, A. *see* Oppliger, R. 78179
Gupta, A.K., Haslett, J.W., Trofimenkoff, F.N. A wide dynamic range continuously adjustable CMOS current mirror 93146
Gupta, A.K., Jie Chen Detecting changes of mean in multidimensional normal sequences with applications to literature and geology 103592
Gupta, A.K. *see* Maly, K. 118611
Gupta, A.K. *see* Moinuddin, S.K. 120450
Gupta, A.K. *see* Neeraj Khare 106694
Gupta, A.K. *see* Ray, U.C. 93780
Gupta, B., Goodman, R., Fukang Jiang, Yu-Chong Tai, Tung, S., Chih-Ming Ho Analog VLSI system for active drag reduction 69114
Gupta, B. *see* Fukang Jiang 79540
Gupta, B.S., Peneff, N.L., Stone, E.A. Application of CO_2 laser in improving mechanical performance of surgical knots 70211
Gupta, D. Evaluation of alternative processes for Au-Sn-Au flip chip bonding of power devices 82240
Gupta, D., Vasi, I.T. Perspectives on residential broadband 98926
Gupta, D. *see* Srinvasan, M.M. 82375
Gupta, D.C. *see* Wijaranakula, W. 63159
Gupta, D.P., Ismail, M.E.H., Masson, D.R. Contiguous relations, basic hypergeometric functions, and orthogonal polynomials. III. Associated continuous dual q-Hahn polynomials 72400

Gupta, G., Srinivas, S., Neophytou, C., Krishnan, M., Johnson, T., Tyler, S. Design and implementation of a digital spread spectrum wireless modem using rapid prototyping concepts 88003
Gupta, G.C., Uttamchandani, D. Coherent optical code division multiple access system for LANs 88498
Gupta, H. *see* Parakka, A.P. 75110
Gupta, H.K., Jha, K.K., Arora, C.L. EMI/EMC considerations in antenna design and usage for a communication system 76596
Gupta, H.M. Theory of non-steady state electrical characteristics of metal-insulator-metal structures with Schottky barriers and exponentially distributed impurity states 84042
Gupta, H.M. *see* Goyal, D.K. 108836
Gupta, H.M. *see* Singh, Y.N. 68349
Gupta, H.O. *see* Laway, N.A. 91222
Gupta, H.O. *see* Pradhan, K.C. 104276
Gupta, H.P. *see* Awasthy, B.R. 112413
Gupta, I.Sen *see* Sen Gupta, I.
Gupta, J. *see* Krishnaswamy, M.C. 70606
Gupta, K. *see* Fettweis, G. 109283
Gupta, K. *see* Parekh, B. 94803
Gupta, K.C. *see* Cebi, H. 93717
Gupta, K.C. *see* Thng, C.H. 116809
Gupta, K.C. *see* Watson, P. 93895
Gupta, K.P. *see* Zou, Y.F. 92677
Gupta, L., Chionglo, J.F., Fox, M.S. A constraint-based model of coordination in concurrent design projects 112856
Gupta, L.C. *see* Neeraj Khare 106694
Gupta, M., Sharma, V.K., Kapoor, A., Tripathi, K.N. Effect of thickness gradient on optical wave guide modes 64729
Gupta, M.C. *see* Baron, C. 96688
Gupta, M.C. *see* Davis, W.V. 95749
Gupta, M.C. *see* Davis, W.V. 95750
Gupta, N., Singh, M. Space-spectral domain analysis of rectangular fin line resonator 104804
Gupta, N. *see* Woollard, J.E. 90573
Gupta, N.C. Short circuit torque–it's generation, magnitude and effect on component design of DC machines 121512
Gupta, N.K. X-ray system for on-line detection of foreign objects in food 82319
Gupta, N.K., Bickford, J.P. Electromagnetic interference in one-rail return AC railway systems with booster transformers 103102
Gupta, N.K. *see* Buchanan, W.J. 65871
Gupta, P.D. *see* Navathe, C.P. 85558
Gupta, P.K. *see* Agarwal, A.K. 105597
Gupta, R. Estimating and adjusting field quality in superconducting accelerator magnets 120062
Gupta, R., Anerella, M., Cozzolino, J., Erickson, B., Greene, A., Jain, A., Kahn, S., Kelly, E., Morgan, G., Thompson, P., Wanderer, P., Willen, E. Tuning shims for high field quality in superconducting magnets 90038
Gupta, R., Chaudhary, A. Cost-benefit analysis of a multi-unit parallel trichotomous system with random shocks 60718
Gupta, R., Hartley, R.I. Camera estimation for orbiting pushbrooms 87049
Gupta, R., Jain, A., Kahn, S., Morgan, G., Thompson, P., Wanderer, P., Willen, E. Field quality control through the production phase of RHIC arc dipoles 95577
Gupta, R., Jain, S.K., Saksena, T.K., Chandra, S. Performance characteristics of a remote temperature sensing device based on acoustic pinger tags 80660
Gupta, R., Krauters, B., Pileggi, L.T. On moment based metrics for optimal termination of transmission line interconnects 97216
Gupta, R., Malhotra, R. Multi-criteria integer linear fractional programming problem 72555
Gupta, R., Pileggi, L.T. Modeling lossy transmission lines using the method of characteristics 82899
Gupta, R., Tyagi, P.K., Kishan, R. A two-unit system with correlated failures and repairs, and random appearance and disappearance of repairman 72341
Gupta, R. *see* Bindal, V.N. 101617
Gupta, R. *see* Bobbio, S. 106287
Gupta, R. *see* Celotta, R.J. 75073
Gupta, R. *see* Greene, A. 90033
Gupta, R. *see* Jain, A. 90037
Gupta, R. *see* Sayah, J.Y. 113638
Gupta, R. *see* Thompson, P. 100412
Gupta, R. *see* Trbojevic, D. 89911
Gupta, R. *see* Undrill, P. 80324
Gupta, R. *see* Vickers, A.J. 107257
Gupta, R. *see* Wanderer, P. 89783
Gupta, R.C., Ahluwalia, S.S., Randhawa, S.S. Design and development of pulse oximeter 110740
Gupta, R.C. *see* Randhawa, S.S. 110741
Gupta, R.C. *see* Wei, J. 79946
Gupta, R.G. *see* Bhargava, V.K. *(editor)* 92040
Gupta, R.K. *see* Anbarasu, R. 111984
Gupta, R.K. *see* Jian Li 83017
Gupta, R.K. *see* Williams, A.E. 88238
Gupta, R.K. *see* Williams, A.E. 119124
Gupta, R.P. *see* Kuruvilla, B.A. 84151
Gupta, R.S. *see* Bhatia, M. 106013
Gupta, R.S. *see* Rajesh, S. 106087
Gupta, R.S. *see* Sharma, Y.D. 106096
Gupta, R.S. *see* Thomas, C. 106012
Gupta, S. Duality in multiobjective nonlinear programming involving semilocality b-vex and related functions 82465
Gupta, S., Mizunami, T., Yamao, T., Shimomura, T. Fiber Bragg grating cryogenic temperature sensors 110177
Gupta, S., Patenaude, Y., Mok, C. MSAT L-band antenna subsystems 66024
Gupta, S., Rajski, J., Tyszer, J. Arithmetic additive generators of pseudo-exhaustive test patterns 104441
Gupta, S. *see* Brown, R.E. 121126
Gupta, S. *see* Chhaya, H.S. 87850
Gupta, S. *see* Dwivedi, P.K. 80833
Gupta, S. *see* Dykes, J.W. 75166
Gupta, S. *see* Friedman, D. 109582
Gupta, S. *see* Mishra, M. 109308
Gupta, S. *see* Mizunami, T. 64657
Gupta, S. *see* Mizunami, T. 106781
Gupta, S. *see* Mizunami, T. 106784
Gupta, S. *see* Rahmat-Samii, Y. 66086
Gupta, S. *see* Saxena, S.C. 110864
Gupta, S. *see* Tsoukatos, A. 64302
Gupta, S. *see* Tsoukatos, A. 64378
Gupta, S. *see* Vasseghi, N. 73439
Gupta, S.C., Sitharaman, S., Nagpal, A., Gautam, M., Berlouis, L.E.A. Growth and characterisation of $Hg_{1-x}Cd_xTe$ ($0.21<x<0.36$) epilayers grown from Te-rich solution by the dipping technique 103854
Gupta, S.C. *see* Chaitanya Kumar, M.V. 68686
Gupta, S.C. *see* Gandotra, V.K. 104005
Gupta, S.C. *see* Gautam, M. 105722
Gupta, S.C. *see* Hmimy, H.H. 109395
Gupta, S.C. *see* Hmimy, H.H. 109560
Gupta, S.C. *see* Hmimy, H.H. 118984
Gupta, S.C. *see* Kumar, S. 104076
Gupta, S.C. *see* Shaheen, K.M. 88160
Gupta, S.C. *see* Shaheen, K.M. 88362
Gupta, S.K., Foong Sui Jin, Khoo Aik Leong An intelligent Small Area DGPS 79031
Gupta, S.K., Hasan, M.M. KANSYS: a CAD tool for analog circuit synthesis 95158
Gupta, S.K. *see* Aggarwal, M.M. 69839
Gupta, S.K. *see* Arora, R.S. 104001
Gupta, S.K. *see* Chih-Ang Chen 82890
Gupta, S.K. *see* Datta, P. 104000
Gupta, S.K. *see* Parulkar, I. 83063
Gupta, S.K. *see* Shipp, C.E. 87729
Gupta, S.M. *see* Karaesmen, F. 72422
Gupta, S.N. *see* Links, J.M. 120302
Gupta, S.P. *see* Takkher, M.S. 121961
Gupta, S.S., Das, R.K., Sinha, B.P., Mukhopadhyaya, K. A new family of low-diameter network topologies with multiple loops 93015
Gupta, S.S., Lii-Yuh Leu, TaChen Liang Simultaneous selection for homogeneous multinomial populations based on entropy function: an empirical Bayes approach 92443
Gupta, S.S., Miescke, K.J. Bayesian look ahead one-stage sampling allocations for selection of the best population 92415
Gupta, T.K., Jau-Ho Jean Principles of the development of a silica dielectric for microelectronics packaging 82255
Gupta, U. *see* Bhattacharyya, A.B. 101436
Gupta, U.C. *see* Chaudhry, M.L. 60796
Gupta, U.C. *see* Srinivasa Rao, T.S.S. 72427
Gupta, V., Dixit, A. The design and deployment of a mobility supporting network 78057
Gupta, V., Neikirk, D.P. Design of an inductive proximity sensor using a two-coil planar transformer 79366
Gupta, V.K., Sunny, S. Analysis of routine radiological measurements in a nuclear power plant 80525
Gupta, V.K. *see* Jaggi, A.L. 70772
Gur, T.M. *see* Sunde, S. 81788
Guran, O., Middlehurst, R., Wood, D. Design and application of SMT to IC socket adapter products 114393
Guranich, P.P. *see* Shusta, V.S. 106328
Guranovic, V. *see* He, R. 95366
Gurary, A. *see* Yuan, C. 104063
Gurashvili, V.A. *see* Borodin, A.M. 65039
Gurashvili, V.A. *see* Golovin, A.S. 75805
Gurashvili, V.A. *see* Napartovich, A.P. 107070
Gurbulak, B. *see* Yildirim, M. 114674
Gurbuz, Y., Kang, W.P., Davidson, J.L., Kinser, D.L., Kerns, D.V. Diamond microelectronic gas sensors 119767
Gurcan, M. *see* Poveda, J. 99420
Gurcan, M.K., Lewis, N.H. Performance evaluation of a vehicle position reporting system for hazardous goods monitoring 99429
Gurcan, M.K. *see* Cao, Q. 118100
Gurcan, M.K. *see* Ioannou, Z. 118356
Gurcan, M.K. *see* Magasa, T. 118977
Gurcan, M.K. *see* Seah, P.H. 87266
Gurcan, M.K. *see* Tan, H.C. 109139
Gurcan, M.K. *see* Tonbul, F. 118972
Gurcan, M.K. *see* Tonbul, F. 118995
Gurcan, M.K. *see* Tsang, K.Y. 118887
Gurdev, L.L. *see* Stoyanov, D.V. 109809
Gurean, M.K. *see* Cuo, Q. 87414
Gurel, L., Aksun, M.I. Electromagnetic scattering solution of conducting strips in layered media using the fast multipole method 85852
Gurel, T., Rappaport, C.M. Anechoic chamber absorbing boundary condition for UWB applications 97053
Gurentzov, V.I. *see* Barabanov, I.R. 110568
Guretskii, S.A. *see* Luginets, A.M. 72747
Gurev, B. *see* Petrov, V. 85161
Gur'ev, N.V. *see* Goloborod'ko, V.T. 68950
Gurevich, A. *see* Borisov, N. 97134
Gurevich, A.M. *see* Drozdova, S.V. 92742
Gurevich, B.S. X-ray-to-visible image transformation by photoconductor–liquid crystal structures 110210
Gurevich, G.M. *see* Anischenko, N.G. 120106
Gurevich, G.M. *see* Bazhanov, N.A. 69699
Gurevich, G.M. *see* Borisov, N.S. 120104
Gurevich, S.A. *see* Timofeev, F.N. 63319
Gurevich, S.A. *see* Timofeev, F.N. 63320
Gurevich, V.L., Rudin, A.M. Shot noise in the presence of phonon-assisted transport through quasiballistic nanowires 63070
Gurevich, V.L. *see* Fenton, E.W. 62878
Gurevich, Yu.G., Rodriguez, M.A., Carrillo, J.L., Meza-Montes, L., Volovichev, I.N. Contact phenomena in low-dimensional systems with hot electrons and phonons 114716
Gurevich, Yu.Y., Kasparov, E.A., Labunets, I.A., Khvoshchinskaya, Z.G., Shakaryan, Yu.G. Non-traditional turbogenerators utilisation at combined and gas-turbine power plants 71160
Gureyev, T.E. *see* Nugent, K.A. 120236
Gurib, S., Labourie, C., Gaumont-Goarin, E., Gaborit, F., Le Gourezigou, O., Jourdan, A., Soulage, G., Jacquet, J., Laube, G. Realization of distributed Bragg reflector laser for polarization-independent wavelength-conversion applications 116530
Gurib, S. *see* Jourdan, A. 88603
Gurin, N.T. Energy analysis of thin-film electroluminescent capacitors 75709
Gurioli, M. *see* Gai, M. 111225
Gurkan, K. *see* De Vre, R. 95647
Gurkan, K. *see* Heanue, J.F. 64632
Gurley, S. Wireless data: the path to progress 109012
Gurlit, W., Burrows, J.P., Burkhard, H., Bohm, R., Baev, V.M., Toschek, P.E. Intracavity diode laser for atmospheric field measurements 69557
Gurman, S.J. *see* Choi, J. 94415
Gurnell, A.W. *see* Cresswell, M.W. 115333
Gurnett, K. BCT: Ball connect technology 60626
Gurnett, K.W. Switched mode power supply design for low level logic circuits 61634
Gurnett, K.W. The light emitting diode (LED) and its application 64987
Gurney, B.A. *see* Bland, A.C. 75204
Gurney, B.A. *see* Lefakis, H. 64387
Gurney, P.C.R. *see* Lowery, A.J. 99529
Gurney, P.C.R. *see* Nguyen, L.V.T. 85539
Gurnlak, B. Neutral corrosion problem overstated [underground power cables] 121154
Gurov, G. UNK status and plans 79933
Gurov, P. *see* Tchoumatchenko, V. 104534
Gurov, S.V., Utkin, L.V. Cold standby systems with imperfect and noninstantaneous switch-over mechanism 92335
Gurov, Yu.B. *see* Gornov, M.G. 120188
Gurova, E. Modified stability approach for higher-order s-to-z mapping functions 73542
Gurskas, A., Kirvaitis, R. Synthesis of the meander microstrip and helical delay lines 93065
Gurski, R.J., Williamson, C.L. TCP over ATM: simulation model and performance results 108766
Guru, S. *see* Redus, R. 90151
Guru, S. *see* Redus, R. 101035
Guru, S.V., He, Z., Wehe, D.K., Knoll, G.F., Redus, R.H., Squillante, M.R. Portable high energy gamma ray imagers 120181
Guruge, A. Success still eludes IBM 98386
Guruge, A. Leveraging token-ring investments 109124
Gurumoorthy, B. *see* Rao Nalluri, S.R.P. 98257
Gurumurthy, B.N., Jajoo Vasant, D. Dynamic uplink power control for Ku-band satcom networks 109603
Gurumurugan, K., Mangalaraj, D., Narayandass, S.K. Magnetron sputtered transparent conducting CdO thin films 61360
Gurunarayanan, S., Mehrotra, R., Chandrashekhar Modelling of ESD protection circuits 106212
Guruswamy, M., Wong, D.F. Echelon: a multilayer detailed area router 106196
Guruswamy, S., McCarter, M.K., Shield, J.E., Panchanathan, V. Explosive compaction of Magnequench Nd-Fe-B magnetic powders 64474
Gurvich, A.S. *see* Gaikovich, K.P. 107892
Gurvich-Makarov, V.D. *see* Volkov, V.G. 99890
Gurvitch, M. *see* Nadgomy, B. 115944
Gurwich, I., Censor, D. On the propagation of plane multi-band spectrum electromagnetic waves in weakly nonlinear media 97037
Gur'yanov, A.E. Mathematical analysis and speaker-independent speech recognition 66580
Guryanov, G.M., Cirlin, G.E., Golubok, A.O., Tipissev, S.Ya., Ledentsov, N.N., Shchukin, V.A., Grundmann, M., Bimberg, D., Alferov, Zh.I. An intermediate (1.0-1.5 monolayers) stage of heteroepitaxial growth of InAs on GaAs(100) during submonolayer molecular beam epitaxy 82626
Guryanov, G.M., Cirlin, G.E., Petrov, V.N., Polyakov, N.K., Golubok, A.O., Tipissev, S.Ya., Gubanov, V.B., Samsonenko, Yu.B., Ledentsov, N.N., Shchukin, V.A., Grundmann, M., Bimberg, D., Alferov, Zh.I. STM and RHEED study of

InAs/GaAs quantum dots obtained by submonolayer epitaxial techniques 83938
Gurzinski, B. *see* Chaloupka, H. 106731
Gusak, N.A. *see* Belyi, V.N. 85147
Gusat, M. *see* Brown, S. 82891
Guseikhanov, M.K., Safaraliev, G.K., Tairov, Yu.M., Magomedov, A.G. Ohmic contacts to $(SiC)_{1-x}(AlN)_x$ solid solutions 94592
Guseinov, D.T., Kerimova, T.G., Kadyrogly, Z.L. Effects arising from a repulsive barrier in the compound $GdIn_2S_4$ 74306
Guseinov, E.K. *see* Aliev, A.A. 106960
Guseinov, N.M. *see* Khudyakov, V.V. 101760
Gusev, A.O. *see* Elliott, S.R. 80104
Gusev, A.V. Average frequency of spikes accompanying analog-to-digital processing of the output signal from a gravitational detector 76937
Gusev, A.V., Kulagin, V.V. Stability of a linear algorithm for signal observation in a gravitational-wave experiment 86213
Gusev, E.P. *see* Lu, H.C. 74118
Gusev, G.G. The analysts of electrophysical processes in induction coils of power installations with quasidistributed parameters in the general case 101698
Gusev, G.G. *see* Demirchyan, K.S. 97007
Gusev, G.M., Gennser, U., Kleber, X., Maude, D.K., Portal, J.C., Lubyshev, D.I., Basmaji, P., de P.A. Silva, M., Rossi, J.C., Nastaushev, Yu.V. Quantum interference effects in a strongly fluctuating magnetic field 74426
Gusev, G.M., Gennser, U., Maude, D.K., Portal, J.-C., Rossi, J.C., Lubyshev, D.I., Basmaji, P. Conductance fluctuations in coupled quantum wells in the presence of an in-plane magnetic field 62876
Gusev, G.M., Kleber, X., Gennser, U., Maude, D.K., Portal, J.C., Lubyshev, D.I., Basmaji, P., Silva, M.De.P.A., Rossi, J.C., Nastaushev, Yu.V., Baklanov, M.R. Oscillation of the scattering time in a 2D electron system with oval antidots 63032
Gusev, N.I. *see* Boriskin, A.S. 71216
Gusev, O.B. *see* Aidaraliev, M. 116468
Gusev, O.B *see* Bresler, M.S. 75720
Gusev, O.B. *see* Bresler, M.S. 116506
Gusev, S.A. *see* Blyakhman, Y. 64240
Gusev, V.A. *see* Antsigin, V.D. 96686
Gusev, V.A. *see* Antsygin, V.D. 103824
Gusev, V.E. *see* Wright, O.B. 83875
Gusev, V.G. Registration of lateral shear interferograms for the case of dual exposure recording of Gabor holograms 85758
Gusev, V.K., Nikolaev, V.I., Podushnikova, K.A., Sakharov, N.V., Shpeizman, V.V., Bykov, V.A., Divavin, V.A., Grigor'ev, S.A., Kavin, A.A., Korotkov, V.A., Panin, A.G., Soikin, V.F., Peng, Y.-K.M. GLOBUS-M central solenoid 107815
Gusev, V.K. *see* Kavin, A.A. 102774
Gusev, Yu., Lebedev, M. Future development of the GLONASS space navigation system and its integration with foreign navigation aids 99448
Gusewell, D. *see* Winkler, G. 100744
Guseynov, N.M. *see* Khudyakov, V.V. 70650
Gusfield, D. *see* Lusheng Wang 98251
Gush, H.P. *see* Halpern, M. 99701
Gushchin, E.M., Somov, S.V., Ryabov, V.A. A fiber track detector 120217
Gushchin, E.M., Somov, S.V., Timofeev, M.K. A study of gas-discharge pulsed image intensifiers 120218
Gushchin, E.M., Somov, S.V., Tipografshchik, G.I. Detection of charmed particles using a controlled emulsion detector 80120
Gushenets, V.I. *see* Gielkens, S.W.A. 85381
Gushue, S. *see* Debbe, R. 69751
Gushue, S. *see* Wu, J. 110619
Gusiat, H. PC-based design tools for ASICs 115293
Gusinskii, G.M. *see* Naidenov, V.O. 79928
Gusmano, G. *see* Bianco, A. 84849
Gusmao, A., Goncalves, V. Representation of nonlinear OQPSK-type modulated waveforms as a sum of linear OQPSK-type components 66244
Gusmao, A. *see* Dinis, R. 117939
Gusmao, A. *see* Torres, P. 118988
Guss, W. *see* Hopmeier, M. 75699
Guss, W.C. *see* Levush, B. 62582
Gussek, P. *see* Hawlitschek, N. 117818
Gussek, P. *see* Reichel, F. 95851
Gussenhoven, E.J. *see* Li, W. 90471
Gussenhoven, E.J. *see* Pasterkamp, G. 120398
Gussenhoven, M.S., Mullen, E.G., Brautigam, D.H. Improved understanding of the Earth's radiation belts from the CRRES satellite 70480
Gust, W. *see* Kripesh, V. 62497
Gustafson, B.A.S. Microwave analog to light scattering measurements: a modern implementation of a proven method to achieve precise control 65827
Gustafson, D. *see* Foster, G.W. 89784
Gustafson, R.A., Krattenthaler, C. Heine transformations for a new kind of basic hypergeometric series in U(n) 72396
Gustafson, S.C., Little, G.R., Tuthill, T.A. Hyperacuity processing 117725
Gustafson, S.C., Tuthill, T.A., Watson, E.A. Micromirror arrays for active optical aberration control 95235
Gustafson, S.C. *see* Bright, V.M. 106250
Gustafson, S.C. *see* Comtois, J.H. 75594
Gustafson, T.L. *see* Epstein, A.J. 96022
Gustafson-Bold, C.L., Thome, K.J. Cross-calibration of two small footprint sensors 120724
Gustafsson, A. *see* Hyodynmaa, S. 80446
Gustafsson, A. *see* Sa'ar, A. 62841
Gustafsson, A. *see* Samuelson, L. 62868
Gustafsson, A. *see* Strifors, H.C. 88670
Gustafsson, B. Mathematics for computer tomography 67423
Gustafsson, F. Determining the initial states in forward-backward filtering 66707
Gustafsson, G. *see* Berggren, M. 75756
Gustafsson, K. *see* Niburg, M. 119218
Gustafsson, L. *see* Calen, H. 120194
Gustafsson, L. *see* Costa, M. 90231
Gustafsson, L. *see* Costa, M. 100982
Gustafsson, L. *see* Ronnqvist, C. 101310
Gustafsson, M.G. Towards adaptive split spectrum processing 108261
Gustafsson, M.N. *see* Krantz, N.U. 101746
Gustafsson, S.-I. Economic benefits from load management in a carpentry factory 112639
Gustafsson, T., Viberg, M. Instrumental variable subspace tracking with applications to sensor array processing and frequency estimation 117481
Gustafsson, T. *see* Lu, H.C. 74118
Gustafsson, U., Bakowski, M., Lindefelt, U. Static and dynamic properties of 4.5 kV MOSFETs in 4H and 6H SiC-simulation study 106041
Gustasson, D. *see* Jackson, P.O. 121101
Gustavsen, B., Sletbak, J. Transient sheath overvoltages in armoured power cables 91180
Gustavson, D.B., Qiang Li The Scalable Coherent Interface (SCI) 98760
Gustavson, S. *see* Kruse, B. 108540
Gustavsson, J. *see* Litvinenko, V.N. 79873
Gustavsson, L. *see* Borjesson, P. 91257
Gustavsson, M., Tomaru, T., Kitajima, S., Inoue, H. Dynamic range of bit-rate-independent pulse timing measurement technique 99821
Gustavsson, M. *see* Almstrom, E. 78884
Gustavsson, M. *see* Gillner, L. 78739
Gustavsson, M. *see* Mikkelsen, B. 88637
Gustavsson, M. *see* Pedersen, R.J.S. 68503
Gustavsson, R. *see* Hagg, S. 70707
Gusten, R., Hauschildt, H., Ediss, G.A., Kasemann, C., Keen, N.J., Mattes, H., Pilz, M., Scherschel, M., Schneider, G., Walker, C.K., Knoepfle, H., Gundlach, K.H. A 16-element 480 GHz heterodyne array for the Heinrich-Hertz-Telescope (HHT) 68806
Gut, K. *see* Karasinski, P. 89028
Gutakovsky, A.K. *see* Print, V.Ya. 105430
Gutala, R. *see* Venkatesh, B. 73350
Gutbrod, H.H., Morsch, A. Heavy ions with the Large Hadron Collider and the ALICE detector 100802
Gutbrod, H.H. *see* Aggarwal, M.M. 69839
Gutbrod, H.H. *see* Badura, E. 69804
Gutbrod, H.H. *see* Badura, E. 120203
Gutbrod, H.H. *see* Steinhaeuser, P. 69834
Guterman, H. *see* Greenberg, S. 98193
Guterman, L.R. *see* Rudin, S. 101236
Gutfeld, R.J.Von *see* Von Gutfeld, R.J.
Gutfinger, R.S. Superior mesh quality with automatic node mergers 61093
Gutfleisch, O. *see* Short, C.L. 115504
Guth, E. Paging system monitor warns of system failures 119033
Guth, G.D. *see* Catchmark, J.M. 65353
Guth, G.D. *see* Kojima, K. 75991
Guthrie, G. *see* Carter, M. 67752
Guthrie, J. *see* Bhattacharya, U. 84349
Guthrie, J. *see* Bhattacharya, U. 93853
Guthrie, R.A., Austin, L.D. Competitive implications of the Internet 67736
Guthrie, W.F. *see* Cresswell, M.W. 115333
Guthrie, W.H. *see* Gross, V.P. 112944
Guths, S. *see* Gaviot, E. 69027
Gutierez, D.A. *see* Singh, A. 69167
Gutierrez, C.J., Dail, R., Selestino, R., Tristan, L., Khater, M., Michel, S. Engineering coercivities by dual ion beam sputtering for synthesizing soft permalloy-based spin-valve multilayers 75180
Gutierrez, C.J. *see* Krebs, J.J. 64351
Gutierrez, F.F. *see* Sanchez-Garrido, O. 106293
Gutierrez, J. *see* Getino, J. 119770
Gutierrez, J. *see* Montano, J.C. 70691
Gutierrez, J.M., Hernandez, M.A., Salanova, M.A. Resolution of quadratic equations in Banach spaces 82516
Gutierrez, O. *see* Contreras, M.C. 64371
Gutierrez, R. *see* Slatton, K.C. 120678
Gutierrez Conde, P.M., Perez Santos, S. The design of comparator circuits using PSPICE. I 62077
Gutierrez Conde, P.M., Perez Santos, S. The design of comparator circuits. II. The behaviour of the differential amplifier on small signals and at low frequencies 114157
Gutierrez de la Cruz, C. *see* Davies, R.D. 99700
Gutierrez-Aitken, A. *see* Bhattacharya, P. 107270
Gutierrez-Aitken, A. *see* Zhang, X. 116534
Gutierrez-Aitken, A.L., Bhattacharya, P., Syao, K.-C., Yang, K., Haddad, G.I., Zhang, X. Low crosstalk (<-40 dB) in 1.55 μm high speed OEIC photoreceiver arrays with novel on-chip shielding 109619
Gutierrez-Aitken, A.L. *see* Jinju Lee 64947
Gutierrez-Aitken, A.L. *see* Kyounghoon Yang 96060
Gutierrez-Aitken, A.L. *see* Yang, K. 105893
Gutierrez-Aitken, A.L. *see* Zhang, X. 107245
Gutierrez-Castrejon, R., Hung, K.M., Hall, T.J. A symmetry analysis in the mixed grating geometry of degenerate four-wave mixing in saturable-gain media 85687
Gutierrez-Castrejon, R. *see* Hung, K.M. 96780
Gutierrez-D., E.A., Koshevaya, S.V., Kolev, P., Deen, J. A 4.2 K very high-gain/modulation factor silicon detector/modulator 99996
Gutierrez-D, E.A. *see* Grimalsky, V.V. 83336
Gutierrez-Martinez, C. *see* Hauden, J. 88537
Gutierrrez-Aitken, A.L. *see* Yoon, H. 65193
Gutjahr, A. *see* Kohler, R. 113349
Gutjahr, A. *see* Raidt, H. 113379
Gutjahr, A. *see* Silier, I. 113403
Gutknecht, M.H., Hochbruck, M. Optimized look-ahead recurrences for adjacent rows in the Pade table 61013
Gutleben, C.D. *see* Kita, A. 105706
Gutleben, C.D. *see* Robertson, J. 106356
Gutman, A.L. *see* Vdovin, I.V. 104810
Gutman, I., Hartings, R., Riquel, G. IEC 5000 hours ageing test: critical review and further test development 102221
Gutman, I. *see* Eklund, A. 102218
Gutmannsbauer, W., Hug, H.J., Meyer, E. Scanning probe microscopy for nanometer inspections and industrial applications 112996
Gutnik, M.N. *see* Ol'khovskii, G.G. 102466
Gutnikov, Yu.E. *see* Belikov, S.V. 120187
Gutorov, V.F. *see* Lysko, V.V. 121356
Gutowski, J. *see* Baeume, P. 74199
Gutowski, J. *see* Diessel, A. 75957
Gutowski, J. *see* Ebeling, W. 75963
Gutowski, J. *see* Kubacki, F. 94486
Gutowski, J. *see* Wundke, K. 74242
Gutsche, D. *see* Beister, G. 65175
Gutsche, M. *see* Kraus, H. 84891
Gutsche, R. *see* Kruse, E. 76954
Gutschling, S., Weiland, T. Resonance effects inside a human head exposed to a cellular phone 70270
Gutschmidt, H. *see* Brauksiepe, S. 100815
Gutsev, D.F. *see* Bulavin, V.V. 81292
Gutsev, D.F. *see* Bulavin, V.V. 91286
Gutsulyak, L.M., Ivanov-Omskii, V.I., Tsypishka, D.I. Photoexcitation of a shallow acceptor in p-type InSb 114596
Gutt, H., Muller, J. Mechatronical considerations in modern motorcar generators 122032
Gutt, H.-J. *see* Mok, P.P. 121762
Gutt, T. *see* Kubsky, S. 100756
Gutta, S., Wechsler, H. Face recognition using hybrid classifier systems 108513
Gutta, S. *see* Huang, J. 117901
Guttag, K. The TMS3208x family architecture and future roadmap 113987
Gutti, C.S. *see* Rao, P.M. 76641
Guttich, U., Dieudonne, J.-M., Klaassen, A., Sledzik, H., Schmegner, K.-E., Goebel, U., Boheim, M. A low noise heterodyne 89 GHz MMIC module for the multifrequency imaging microwave radiometer (MIMR) 83445
Guttich, U., Dieudonne, J.-M., Klaassen, A., Sledzik, H., Schmegner, K.-E., Goebel, U., Boheim, M. A low noise heterodyne 89 GHz MMIC module for the Multifrequency Imaging Microwave Radiometer (MIMR) 83465
Guttich, U., Klaassen, A., Claassen, M., Splettstosser, J. Monolithic 38 GHz MESFET VCO with integrated buffer amplifier for automotive collision avoidance systems 93914
Guttich, U., Plattner, A., Schwab, W., Telliez, I., Tranchant, S., Savary, P., Bourne-Yaonaba, P., Byzery, B., Delhaye, E., Cordier, C., Chelouche, M. 60 GHz GaAs MMIC technology for a high data rate mobile broadband demonstrator 88235
Guttich, U., Wenger, J. Design, fabrication, and performance of monolithic dielectrically, stabilized PM-HFET oscillators up to 60 GHz 62332
Guttinger, W. *see* Oppenlander, J. 95494
Guttormsen, M., Tveter, T.S., Bergholt, L., Ingebretsen, F., Rekstad, J. The unfolding of continuum γ-ray spectra 90249
Guu Sy-Ming *see* Sy-Ming Guu
Guu-Chang Yang Partitioning frequency-hopping codes for CDMA cellular systems 88230
Guu-Chang Yang *see* Kwong, W.C. 109679
Guung Zhang *see* Zhang Guung
Guven, H.M. Computerized control and on-line performance monitoring of an instructional mini-steam cycle power plant 60475
Guven, K. *see* Tanatar, B. 63062
Guy, F.W. *see* Swenson, D.A. 79920
Guy, M., Villeneuve, B., Latrasse, C., Tetu, M. Simultaneous absolute frequency control of laser transmitters in both 1.3 and 1.55 μm bands for multiwavelength communication systems 78898
Guy, M.J., Chernikov, S.V., Taylor, J.R., Moodie, D.G. Demonstration of the feasibility of dual frequency operation of an electroabsorption modulator for demultiplexing in a 16 channel 40 Gbit/s OTDM system 78654
Guy, M.J., Chernikov, S.V., Taylor, J.R., Moodie, D.G. Investigation into the feasibility of using an EA modulator as a demultiplexer in a 16 channel OTDM system 78708
Guy, M.J. *see* Chang, D.I. 107149
Guy, M.J. *see* Chemikov, S.V. 116116

Guy, M.J. *see* Chernikov, S.V. 68364
Guy, M.J. *see* Chernikov, S.V. 106779
Guy, M.J. *see* Gunning, P. 65342
Guy, M.J. *see* Gunning, P. 78710
Guy, M.J. *see* Moodie, D.G. 78707
Guy, M.J. *see* Moodie, D.G. 106863
Guy, O., Barthelemy, A. Diode pumped picosecond glass:Nd laser 75900
Guy, O., Kubecek, V., Barthelemy, A. Mode-locked diode-pumped Nd:YAP laser 107199
Guy, O. *see* Barthelemy, A. 65389
Guy, S., Joubert, M.F., Jacquier, B., Rand, S.C. Red/blue conversion via photon avalanche in a thulium doped $YAlO_3$ crystal 76203
Guy, S. *see* Mason, I. 95879
Guyadec, E.Le *see* Le Guyadec, E.
Guyader, P. *see* Abouliatim, A. 94297
Guymer, T.H. *see* Jones, M.S. 120811
Guynes, J.L. *see* Lai, V.S. 67858
Guyomar, D. *see* Aurelle, N. 101600
Guyomar, D. *see* Richard, C. 101598
Guyonnet, J.L. *see* Seguinot, J. 69714
Guyot, A., Renaudin, M., El Hassan, B., Levering, V. Self timed division and square-root extraction 93341
Guyot, A. *see* Boutamine, H. 73224
Guyot, A. *see* Renaudin, M. 73299
Guyot, M., Lisfi, A., Krishnan, R., Porte, M., Rougier, P., Cagan, V. Ferrimagnetic thin films prepared by pulsed laser deposition 95358
Guyot, O., Hamam, H. Logic operations based on the fractional Talbot effect 75639
Guyot-Sionnest, P. *see* Peremans, A. 107401
Guyta, N.K. *see* Buchanan, W.J. 65626
Guzelian, A.A., Banin, U., Kadavanich, A.V., Peng, X., Alivisatos, A.P. Colloidal chemical synthesis and characterization of InAs nanocrystal quantum dots 105151
Guzelsu, N. *see* Park, H.K. 70190
Guzik, T.G. *see* Macri, J.R. 80155
Guzik, T.G. *see* Macri, J.R. 101024
Guzik, V.F., Chernukhin, Y.V., Zaretskii, Y.D. Algorithm of automatic analog models scaling in linear algebra 113235
Guzman, A.M. *see* Denes, L.J. 69278
Guzman, J.C.De *see* De Guzman, J.C.
Guzman, M.I.Gimenez de *see* Gimenez de Guzman, M.I.
Guzman, V.M. *see* Millan, A.J. 102744
Guzman, V.M. *see* Regidor, J.C. 93133
Guzman Gonzalez, R. *see* Perez, S.A. 116680
Guzowski, T. *see* Rincon, A.M. 104514
Guzowski, T.S. *see* Engel, J.J. 115326
Guzowski, T.S. *see* Gilles, P.S. 113639
Guzzi, M. *see* Mutti, P. 94262
Gvishi, R., Ruland, G., Prasad, P.N. New laser medium: dye-doped sol-gel fiber 65063
Gvozdev, V.I., Podkovyrin, S.I. Optical-microwave electronics in the engineering of bulk integrated circuits 107018
Gvozdev, V.I., Podkovyrin, S.I., Lyalin, A.A. The volume-metrical monolithic integrated circuits for microwave band 83545
Gvozdev, V.I. *see* Kouzaev, G.A. 83356
Gvozdev, V.I. *see* Tchernyi, V.V. 65480
Gvozdic, D.M., Radunovic, J.B. The influence of electron intervalley transfer on response pulse width of the MSM photodetector 79424
Gwan Han Ki *see* Ki Gwan Han
Gwan Park Jae *see* Jae Gwan Park
Gwan-Chong Joo, Sang-Hwan Lee, Nam Hwang, Ki-Sung Park, Hong-Man Kim, Min-Kyu Song, Kwang-Eui Pyun Fabrication of optical Tx/Rx subscriber modules incorporating passive alignment technique 119216
Gwan-Soo Park, Sang-Cheol Seol, Kyeong-Jin Lee, Tag-Dong Lee, Hak-Yong Lee, Jeong-Woo Lee, Song-Yop Hahn Practical method to obtain the particle density distribution in scalar Preisach model 95379
Gwang Dong Kim *see* Seog Tae Han 93732
Gwang-Choon Lee *see* Eung-Joo Lee 68846
Gwang-Hoon Park, Yoh-Han Pao, Igelnik, B., Eyink, K.G., LeClair, S.R. Neural-net computing for interpretation of semiconductor film optical ellipsometry parameters 82657
Gwang-Su Ho, Akira Kawanaka Migration method for subsurface radar considering variation of propagation velocity in depth direction 99632
Gwang-Won Kim *see* Yonug-Moon Park 101716
Gwarek, W.K., Celuch-Marcysiak, M. A differential method of reflection coefficient extraction from FDTD simulations 65958
Gwarek, W.K. *see* Abramowicz, A. 116942
Gwarek, W.K. *see* Celuch-Marcysiak, M. 65932
Gwarek, W.K. *see* Celuch-Marcysiak, M. 73677
Gwarek, W.K. *see* Celuch-Marcysiak, M. 85918
Gwarek, W.K. *see* Celuch-Marcysiak, M. 93097
Gwarek, W.K. *see* Celuch-Marcysiak, M. 97279
Gwarek, W.K. *see* Mroczkowski, C. 65980
Gweon, D.G. *see* Cha, Y.Y. 119869
Gweon-Do Jo A new scheme for rapid CDMA pilot channel acquisition 78441
Gwi Tae Park *see* Joong Jo Park 98242
Gwi-Tae Park *see* In-Ho Lee 81553
Gwi-Tae Park *see* Sang-Lak Lee 99790
Gwilliam, B.L. *see* Hirsave, P.P. 120844
Gwilliam, S.B. *see* Kuan Chen 81918
Gwinn, D.A. *see* Smith, B.A. 102172
Gwinn, E.G. *see* Markelz, A.G. 96731
Gwinn, E.G. *see* Yuh, E.L. 105371
Gwirc, S. *see* Filippini, D. 62496
Gwo, S., Ohno, H., Miwa, S., Fan, J.-F., Tokumoto, H. Structural and doping properties of molecular beam epitaxy-grown Si-doped GaAs(001) surfaces 84108
Gwo, S. *see* Komeda, T. 84032
Gwo, S. *see* Komeda, T. 84034
Gwo-Ching Chang, Wen-Juh Kang, Jer-Junn Luh, Cheng-Kung Cheng, Jin-Shin Lai, Jia-Jin J. Chen, Te-Son Kuo Real-time implementation of electromyogram pattern recognition as a control command of man-machine interface 120434
Gwo-Chung Tai, Korman, C.E., Mayergoyz, I.D. Simulation of the logic switching characteristics of hot-carrier-degraded ultra-thin SOI CMOS inverters 113843
Gwo-Hshiung Tzeng, Ming-Jiu Hwang, Shih-Chan Ting Taipower's coal logistics system: allocation planning and bulk fleet deployment 70687
Gwo-Huei Luo, Chang, L.H., Cheng, Y., Hsu, K.T., Kuo, C.C., Lau, W.C., Wang, C., Tseng, P.K., Liu, Y.C. Asynchronized energy ramping at SRRC storage ring 79869
Gwo-Jen Chiou *see* Ching-Tzong Su 80826
Gwo-Jen Jan *see* Shih-Dean Kao 99850
Gwo-Jong Yu, Liao, H.-Y.M., Jang-Ping Sheu A new fuzzy linear mapping technique for facial feature extraction and recognition 108515
Gwo-Sheng Huang *see* Hung-Wei Chen 76769
Gwoboa Horng, Yang, C.S. Key authentication scheme for cryptosystems based on discrete logarithms 117233
Gwocherng Jiang *see* Jiang Gwocherng
Gwon Lim *see* Do-Kyeong Ko 65053
Gwon-Jong You, Jin Soo Song, In-Ho Hwang, Hong-Sung Kim, Jae-Seok Gho, Gyu-Ha Choe, Han-Sung Kim A study of residential solar air conditioning system using bidirectional PWM converter 82012
Gwozdarev, A., Newskaja, G.E. Homeotropical-aligned liquid crystal microlens properties 106883
Gwozdz, P.S. NSF Microfabrication Workshops 60451
Gwun Sang Dong *see* Sang Dong Gwun
Gwyn, B. *see* Aggarwal, R.K. 102249
Gy, R. *see* Jousse, D. 89335
Gyapong, G.J. *see* Catford, W.N. 69884
Gye Mo Yang, MacDougal, M.H., Dapkus, P.D. Effects of current spreading under oxide current aperture in vertical-cavity surface-emitting lasers 116498
Gye Mo Yang *see* Dapkus, P.D. 107344
Gyeong-Il Kweon, In-Shik Park, Jong-In Shim A computational method of determining reflectance at abrupt waveguide interfaces 116859
Gyeong-Lyong Park *see* Hyoung-Gin Nam 88117
Gyimesi, M., Tsukerman, I., Lavers, D., Pawlak, T., Ostergaard, D. Hybrid finite element-Trefftz method for open boundary analysis 65620
Gyimothy, S., Sebestyen, I. Dynamic structure and iteration scheme for FEM calculations 96911
Gyimothy, T. *see* Kokai, G. 101355
Gyo Tae Lee *see* Min Hwan Ban 69507
Gyoda, K. *see* Fujino, Y. 61626
Gyoji, S. *see* Hattori, S. 108688
Gyoo Lee Chun *see* Chun Gyoo Lee
Gyoo-Yeong Lee *see* Jae-Hoon Choi 115205
Gyoon Kim Han *see* Han Gyoon Kim
Gyoon Park Seong *see* Seong Gyoon Park
Gyorgy, E. *see* Leggieri, G. 92928
Gyorgy, E. *see* Mihailescu, I.N. 82761
Gyorgy, E. *see* Mihailescu, I.N. 92821
Gyorgy, E. *see* Teodorescu, V.S. 104110
Gyorgy, E.M. *see* Korenivski, V. 75155
Gyorgy, E.M. *see* Suzuki, F. 75184
Gyorki, J.R. Making connections with factory-floor networks 99045
Gyoujin Cho *see* Yong Gun Shul 85653
Gyoun-Yon Cho, Dong-Ho Cho On the efficient compression algorithm of the voice traffic 76853
Gyoung-Yun Cho A study on compression and decompression of Hanguel and Chinese character bit map font 97522
Gyr, H. *see* Dehning, B. 79949
Gyr, M. *see* Zazula, J.M. 100424
Gys, T. *see* D'Ambrosio, C. 80010
Gys, T. *see* Puertolas, D. 120202
Gyselinckx, B. *see* Samel, S. 99387
Gyu Han Seon *see* Seon Gyu Han
Gyu Kang Ho *see* Ho Gyu Kang
Gyu Kim Heui *see* Heui Gyu Kim
Gyu Kim Min *see* Min Gyu Kim
Gyu Kim Tae *see* Tae Gyu Kim
Gyu Lee Hyeung *see* Hyeung Gyu Lee
Gyu Lee Jang *see* Jang Gyu Lee
Gyu Lee Jeong *see* Jeong Gyu Lee
Gyu Park In *see* In Gyu Park
Gyu Sang Lee *see* Young Chul Kim 62099
Gyu Ug Kim, Yong Pyung Kim, Chil-Min Kim Period doubling of torus in an acousto-optically modelocked Ti:sapphire laser 107200
Gyu Ug Kim *see* Yong Pyung Kim 65056
Gyu-Chul Yi, Wessels, B.W. Deep level defects in n-type GaN compensated with Mg 74261
Gyu-Ha Choe *see* Gwon-Jong You 82012
Gyu-Ha Choe *see* Jong-Gyu Hwang 121058
Gyu-Hyeong Cho *see* Jae-Hoon Jeong 93155
Gyu-Hyeong Cho *see* Yong-Chae Jung 93127
Gyu-Hyeong Cho *see* Yong-Chae Jung 104341
Gyu-Hyeong Cho *see* Yong-Sik Youn 122077
Gyu-In Jee *see* Chansik Park 68763
Gyudong Kim, Min-Kyu Kim, Byoung-Soo Chang, Wonchan Kim A low-voltage, low-power CMOS delay element 73515
Gyudong Kim, Min-Kyu Kim, Wonchan Kim, Bouzerdoum, A. Bipolar transistor equivalents in CMOS technology 74711
Gyuhyeong Kim *see* Myungchul Kim 77764
Gyulai, J. *see* Biro, L.P. 94698
Gyulai, J. *see* Khanh, N.Q. 94707
Gyun Shin Yu *see* Yu Gyun Shin
Gyung Kim Ju *see* Ju Gyung Kim
Gyung Park Chan *see* Chan Gyung Park
Gyunghyun Choi *see* Sherali, H.D. 113187
Gyurcsik, R.S. *see* Davis, J.C. 63889
Gyurcsik, R.S. *see* Hughes-Oliver, J.M. 115315
Gyurcsik, R.S. *see* Perkinson, T.L. 94652
Gyuro, I. MOVPE for InP-based optoelectronic device application 82617
Gyuro, I. *see* Czub, M. 103996
Gyuro, I. *see* Kaiser, D. 78827
Gyuro, I. *see* Orth, A. 107260
Gyuro, I. *see* Weber, J. 92783
Gyvez, J.P.de *see* de Gyvez, J.P.
Gyvez, J.Pineda de *see* Pineda de Gyvez, J.

H. Kim Ju *see* Ju H. Kim
H. Kim Jung *see* Jung H. Kim
H Lee Ting *see* Lee Ting H
H. Liu Wen *see* Wen H. Liu
H-Jane Yeh *see* Mao-Hong Lu 85611
Ha, E., Choi, Y., Kim, C. A buffer overhead minimization method for multicast-based handoff in picocellular networks 118908
Ha, J.H., Kim, S.W., Seol, Y.S., Park, H.K., Choi, S.H. Reduction of loading effect by tungsten etchback in a magnetically enhanced reactive ion etcher 63324
Ha, J.H. *see* Chai, J.S. 100809
Ha, N.T. *see* Benton, J.L. 114863
Ha, N.T. *see* Chu, S.N.G. 114862
Ha, Q.P., Palis, F. Fuzzy logic application in a robust modal controller for position drives 91797
Ha, S. *see* Jhang, K.-S. 63864
Ha, W.I. *see* Hwang, S.W. 106085
Ha Dong Sam *see* Dong Sam Ha
Ha Eunyong *see* Eunyong Ha
Ha Hun-Bum *see* Hun-Bum Ha
Ha Hyun-Kwon *see* Hyun-Kwon Ha
Ha In-Joong *see* In-Joong Ha
Ha Jae-Geun *see* Jae-Geun Ha
Ha Jeong Sook *see* Jeong Sook Ha
Ha Kyeong Bong *see* Kyeong Bong Ha
Ha Lee Jeong *see* Jeong Ha Lee
Ha Lee Kyung *see* Kyung Ha Lee
Ha Pak Chae *see* Chae Ha Pak
Ha Poong Chung *see* Kwang Myoung Rho 95001
Ha Soo Kim *see* Ho Jun Lee 84619
Ha Woon Lee *see* Duck Soo Noh 85172
Ha Yeong-Ho *see* Yeong-Ho Ha
Ha-Jong Sung *see* Kyoung-Hwan Ju 86214
Haacke, E.M. *see* Jia-Hong Gao 90379
Haacke, S., Hartig, M., Oberli, D.Y., Deveaud, B., Kapon, E., Marti, U., Reinhart, F.K. Carrier transfer and capture into quantum wire arrays grown on V-groove substrates 62989
Haag, D. *see* Bokhoven, J.D. 103373
Haag, H. *see* Grajewski, F. 70937
Haag, M. *see* Frank, T. 67303
Haag, M. *see* Nagel, H.-H. 86840
Haag, P. Rehabilitation of Aswan 1 tames Nile hydropower 71174
Haag, V. Protection from electromagnetic interference 99830
Haaga, R. *see* Bunning, T.J. 96808
Haage, T. *see* Bauer, S. 94398
Haagmans, M.E.E. GPS signal reception problems: the situation in the Netherlands 88755
Haak, R. *see* Peters, R.-W. 119531
Haak, U. *see* Christoph, M. 80653
Haake, F., Kus, M., Seba, P., Stockmann, H.-J., Stoffregen, U. Microwave billiards with broken time reversal invariance 107992
Haake, F. *see* Albeverio, S. 114741
Haake, J.M. *see* Streitz, N.A. 67876
Haaland, D.M. *see* Zhang, S. 60689
Haaland, P.D. *see* Parodi, M.L. 89456
Haalman, E. *see* Afek, Y. 87459
Haan, G.de *see* de Haan, G.
Haan, P.de *see* de Haan, P.
Haan, P.E.De *see* De Haan, P.E.
Haan, S.De *see* De Haan, S.
Haan, W.De *see* De Haan, W.
Haange, R. *see* Oka, K. 102400
Haapala, P., Vainikainen, P., Eratuuli, P. Dual frequency helical antennas for handsets 108052
Haapala, P. *see* Eratuuli, P. 76578 .
Haapala, P. *see* Eratuuli, P. 108054
Haapanen, P. *see* Wahlstrom, B. 111725
Haar, G.R.ter *see* ter Haar, G.R.
Haar Romeny, B.Ter *see* Ter Haar Romeny, B.
Haarer, D. *see* Kadoi, L. 96615

Haarer, D. *see* Suzuki, H. 75763
Haarpaintner, G. *see* Barnham, K. 102982
Haas, A., Forster, B., Ammer, U. The suitability of multifrequency, multipolarimetric and multitemporal radar data for forest monitoring 120912
Haas, C. *see* Stamenkovic, B. 98983
Haas, E.C., Edworthy, J. Designing urgency into auditory warnings using pitch, speed and loudness 97840
Haas, E.de *see* de Haas, E.
Haas, F.M., Jr. *see* Brown, D. 68769
Haas, H. Continuous oil filtration and dehumidification as effective measures for upkeep of large transformers 121539
Haas, H. *see* Gaier, C. 62368
Haas, J.P. *see* Kahle, G. 86131
Haas, J.T.M.de *see* de Haas, J.T.M.
Haas, M., Kuttner, F., Frieling, F., Hobbach, G., Kriedt, H., Mueller, K., Reventlow, C.v. Advanced two IC chipset for DVB on satellite reception 109575
Haas, M., Kuttner, F., Kodytek, T., Kriedl, H., Krug, E., Meier, S., Mueller, K., Reventlow, C.v., Schmidmaier, R., Schoebinger, M., Sebald, G., Solanti, P., Tiebout, M. Flexible two IC chipset for DVB on cable reception 109868
Haas, M., Lehner, G. Inverse 2D obstacle scattering by adaptive iteration 107861
Haas, R. *see* Albertson, M.O. 92488
Haas, R.W. Further development of MMW and SMMW platelet feed horn arrays 68791
Haas, S., Honingh, C.E., Hottgenroth, D., Jacobs, K., Stutzki, J. Low noise broadband tunerless waveguide SIS receivers for 440-500 GHz and 630-690 GHz 79092
Haas, S., Stroucken, T., Girndt, A., Knorr, A., Koch, S.W. Gain and propagation in quantum well amplifiers 96340
Haas, T.W. *see* Eyink, K.G. 82684
Haas, Z.J. *see* Ganz, A. 109479
Haas, Z.J. *see* Karol, M.J. 99183
Haase, A. *see* Eichler, H.J. 116610
Haase, D., Schmid, M., Kurner, W., Domen, A., Harle, V., Scholz, F., Burkard, M., Schweizer, H. Deep-level defects and n-type-carrier concentration in nitrogen implanted GaN 114634
Haase, D.G., Keith, C.D., Gould, C.R., Huffman, P.R., Roberson, N.R., Seely, M.L., Wilburn, W.S. A statically polarized solid ^{3}He target 120095
Haase, D.G. *see* Penttila, S.I. 120006
Haase, M., Lindhorst, W., Reuter, D. Experience with the construction, commissioning and operation of the Kirchmoser Gas and Steam Power Station (160 MW) with particular reference to the heat recovery steam generator 71152
Haase, M. *see* Bechtel, H. 85271
Haase, M.A. *see* Baude, P.F. 65244
Haase, M.A. *see* Baude, P.F. 74430
Haase, M.A. *see* Buijs, M. 85513
Haase, P. Breakthrough in stability assessment [of power systems] 121010
Haaser, B., Sygel, K. Impact of control network technology in a deregulated environment 90995
Haasz, V. Problems and limitations of using DAQ systems based on PC plug-in boards for measurement of distorted waveforms in power networks 111699
Haasz, V. *see* Stadler, P. 71515
Haataja, J., Pyrhonen, J., Kurronen, P. Improving the efficiency of squirrel cage induction motors: technical and economical consideration 91531
Haavisto, P. *see* Castagno, R. 117584
Haavisto, P. *see* Salmela, P. 108210
Haba, J. *see* Hazumi, M. 100854
Haba, J. *see* Saitoh, Y. 80027
Haba, J. *see* Saitoh, Y. 100838
Haba, J. *see* Tsuboyama, T. 100836
Habal, H. *see* Giordano, A. 88378
Habara, K. *see* Misawa, A. 109316
Habara, K. *see* Ohzu, H. 66946
Habara, K. *see* Yamada, Y. 78696
Habara, K. *see* Yamada, Y. 99477
Habas, P. The application of the charge-pumping technique in reliability analysis of MOS devices 95020
Habas, P. *see* Bellens, R. 106186
Habas, P. *see* Seliger, N. 84450
Habata, N. *see* Yamauchi, H. 79144
Habazaki, H. *see* Kawashima, A. 102958
Habbal, F., Cargill, E.B. Image presentation options for a distributed PACS environment 110806
Habboush, I.H., Mitchell, K.D., Mulkern, R.V., Barnes, P.D., Treves, S.T. Registration and alignment of three-dimensional images: an interactive visual approach 90327
Haber, C. *see* Unno, Y. 80035
Haber, C. *see* Unno, Y. 100858
Haber, I. *see* Grote, D.P. 89693
Haberern, K. *see* Baude, P.F. 65244
Haberern, K. *see* Buijs, M. 75946
Haberern, K. *see* Buijs, M. 85513
Haberern, K.W. *see* Petruzzello, J. 75945
Haberger, K., Bollmann, D., Landesberger, C., Ramm, P., Seitz, S., Hieber, K. Extreme thin integrated circuits 84601
Haberger, K. *see* Bollmann, D. 94813
Haberger, K. *see* Plettner, A. 84241
Haberichter, W. *see* Norem, J. 100593
Haberichter, W.N. *see* Dawson, J.W. 100957
Haberl, F. *see* Sucha, G. 116416
Haberl, J., Sparks, R., Gulp, C. Exploring new techniques for displaying complex building energy consumption data 121917
Haberl, J. *see* Schimek, M.G. 103550
Haberli, A., Paul, O., Malcovati, P., Faccio, M., Maloberti, F., Baltes, H. CMOS integration of a thermal pressure sensor system 119605
Haberli, A., Schneider, M., Malcovati, P., Castagnetti, R., Maloberti, F., Baltes, H. 2D magnetic microsensor with on-chip signal processing for contactless angle measurement 79362
Haberli, A. *see* Bolliger, D. 79428
Haberli, A.M. *see* Korvink, J.G. 89040
Haberlin, H., Kaser, F., Liebi, C., Beutler, C. Results of new efficiency and reliability tests on photovoltaic invertors for mains-connected plants 91394
Habermann, G. *see* Cameron, A. 109710
Habermann, R. *see* Roppel, C. 108793
Habermann, T. *see* Pupeter, N. 73964
Habermann, T. *see* Pupeter, N. 74030
Habermann, T. *see* Pupeter, N. 83706
Habermann, T. *see* Pupeter, N. 119977
Habert, O., Pruski, A. Dynamic modeling of an indoor environment 79715
Habetler, T.G. *see* Brassfield, W.R. 112461
Habetler, T.G. *see* Hurst, K.D. 121968
Habetler, T.G. *see* Kamran, F. 113749
Habib, I.W. Applications of neurocomputing in traffic management of ATM networks 117937
Habib, M.K. Development of 3D fiber grating based vision sensor 89156
Habib, S. *see* Ryne, R.D. 89992
Habib, S. *see* Ryne, R.D. 120061
Habib, T. *see* Rosloniec, S. 114288
Habibi, D., Lewis, D.J.H. Fourier analysis for modelling some cyclic behaviour of networks 98429
Habibi, H. *see* Nguyen, P. 93317
Habibi, S., Tanaka, J., Hattori, H., Totsuka, M., Matsumoto, S. Characterization of ultraviolet excited Br*-radical etching of InGaAs/InAlAs material system 63312
Habibi, S. *see* Tanaka, J. 105616
Habic, H. *see* Umek, B. 90582
Habich, U., Loosen, P., Hertzler, C., Wollermann-Windgasse, R. Industrial 30 kW CO_2 laser with fast axial gas flow and RF-excitation 107066
Habinc, S., Sinander, P. Using VHDL for board level simulation 104267
Habra, R.R. *see* Hathaway, D.J. 115269
Habraken, F.H.P.M. *see* Maree, C.H.M. 116202
Habrard, M.C. *see* Dentan, M. 90222
Habrard, M.C. *see* Dentan, M. 95214
Habs, D. *see* Kleffner, C.-M. 89724
Habti, A.El *see* El Habti, A.
Habu, Y., Makikawa, M., Ishihara, K. Preliminary study of ambulatory monitoring of physiological responses under mental stress in daily life using a digital biosignal memory device 90271
Habuchi, H., Hasegawa, T. Performance evaluation of the SS-CSC system 99129
Habuchi, H. *see* Ohuchi, K. 99130
Habuchi, H. *see* Ohuchi, K. 117914
Habur, K. *see* Bayer, W. 81007
Hac, A. Call processing model for wireless network 99264
Hac, A., Dongchen Lu Architecture and implementation of a multimedia conference system 87934
Hac, A., Dongmei Wang Congestion control with a multicast routing algorithm 87499
Hac, A., Lu, D. Architecture and performance of a multimedia conference system 98813
Hach, C. *see* Fagan, J.G. 75163
Hachad, S. *see* Corbiere, T. 106219
Hache, A. *see* Atanasov, R. 105439
Hache, C. *see* Hornung, V. 96062
Hache, C. *see* Lach, E. 107231
Hache, F. Optical parametric oscillators. Picosecond and femtosecond regimes 76197
Hache, F., Driscoll, T.J., Cavallari, W., Gale, G.M. Measurement of ultrashort pulse durations by interferometric autocorrelation: influence of various parameters 89534
Hache, F. *see* Gallot, G. 76212
Hachem, N., Bedi, J. Neural network implementation for reliability evaluation 108740
Hachem, N., Bedi, J. Network reliability evaluation with link dependency failure 109041
Hachicha, I., Fouillat, P., Zimmer, T., Dom, J.P. A new approach to determine active doping profiles of bipolar transistors using electrical measurements and a physical device simulator 115166
Hachigo, A., Malocha, D.C., Richie, S.M. ZnO/diamond/Si SAW filter properties including velocity dispersion 106449
Hachigo, A. *see* Nakahata, H. 106448
Hachijin, T. *see* Waki, K. 72357
Hachikawa, T. *see* Pak, P.S. 102476
Hachiya, H., Amao, Y. Acoustic imaging for archaeological investigations using wavelet transform 90867
Hachkowski, M.R. *see* Peterson, L.D. 78638
Hachman, J.T. *see* Jackson, K.H. 76357
Hacioglu, K. *see* Hasib, A. 86120
Hack, D., Runtz, K., Mason, R. An efficient algorithm for high resolution, power quality measurements of sparsely distributed power system harmonics and inter harmonics 81179
Hack, M. *see* Jacunski, M.D. 63706
Hack, M. *see* Jacunski, M.D. 105951
Hack, M. *see* Mei, P. 94961
Hack, M. *see* Shur, M.S. 84397
Hack, M. *see* Slade, H.C. 115208
Hack-Seong Kim, Chung-Yuen Won A high voltage resonant generator for X-ray apparatus 102869
Hack-Seong Kim *see* Hong-Je Ryoo 81420
Hackam, R. *see* Deng, H. 64126
Hackam, R. *see* Deng, H. 115434
Hackbarth, T., Berg, M., Maile, B.E., Berlec, F.-J., Dickmann, J. MBE growth of lattice matched HFETs on InP: material quality and reproducibility 92782
Hackbarth, T. *see* Berg, M. 93936
Hackbarth, T. *see* Berg, M. 93937
Hacke, P., Feuillet, G., Okumura, H., Yoshida, S. Monitoring surface stoichiometry with the (2×2) reconstruction during growth of hexagonal-phase GaN by molecular beam epitaxy 113369
Hackel, L. *see* Celliers, P. 76312
Hackelmann, H. *see* Belz, C. 118576
Hackenberg, J.J. *see* DeCrosta, D.A. 82716
Hacker, E. *see* Bodemann, A. 107464
Hacker, E. *see* Eva, E. 116187
Hackert, M.J., Loughran, G.W. Development of mode field diameter and cutoff wavelength measurement by optical domain reflectometry 64699
Hackett, D. *see* Hoogs, A. 67482
Hackett, D.F. *see* Rutz, W.L. 70730
Hackett, J.T. *see* Bykhovskaia, M. 90506
Hackett, K.E. *see* Spencer, T.A. 62633
Hackett, M.T., Fratkin, M.J., Perdikaris, N. Quality control for artifacts seen on pinhole thyroid images and caused by a collimator shielding defect 69996
Hackl, H.R. *see* Kollberg, S.G. 122102
Hackney, S.A. *see* Shao, Y. 112196
Hackstein, J., Pickler, O., Teuner, A. Computer-aided analysis of ultrasound images of the left ventricle for determination of the ejection fraction 90455
Hackwell, J.A. *see* Bongiovi, R.P. 90888
Hackworth, R.J. *see* Rodriguez, R. 119588
Hacquard, A. *see* Bourquard, A. 95524
Hadaegh, F.Y. *see* Wang, P.K.C. 106908
Hadam, B. *see* Koster, T. 62812
Hadama, H. *see* Yamashita, A. 77798
Haddab, Y., Py, M.A., Buhlmann, H.-J., Ilegems, M. Drain current DLTS measurements of MBE-grown GaAs/In$_y$Ga$_{1-y}$As/Al$_x$Ga$_{1-x}$As HEMTs 63762
Haddab, Y. *see* Meneghesso, G. 84473
Haddab, Y. *see* Meneghesso, G. 106052
Haddad, A., Naylor, P., Tong, Y.K., Metwally, I., German, D.M., Waters, R.T. Trapped-charge and point-on-wave effects on the protective characteristic of surge arresters 81168
Haddad, A. *see* Spellman, C. 111676
Haddad, C.J. Operationalizing the concept of concurrent engineering: a case study from the US auto industry 60576
Haddad, G.I. Resonant tunneling heterojunction bipolar transistors and their applications in high functionality/speed digital circuits 93215
Haddad, G.I. *see* Chan, H.L. 98987
Haddad, G.I. *see* Chen, W.L. 103955
Haddad, G.I. *see* Chin, T.P. 84346
Haddad, G.I. *see* Eisele, H. 83371
Haddad, G.I. *see* Gutierrez-Aitken, A.L. 109619
Haddad, G.I. *see* Kulkarni, S. 99126
Haddad, G.I. *see* Kyounghoon Yang 96060
Haddad, G.I. *see* Munns, G.O. 103959
Haddad, G.I. *see* Peng, S. 93797
Haddad, G.I. *see* Yang, K. 105893
Haddad, G.I. *see* Zhang, X. 62907
Haddad, K.Al *see* Al Haddad, K.
Haddad, R. *see* Coudert, O. 82883
Haddad, S. *see* Peng, J.Z. 84392
Haddad, S. *see* Yuan Tang 115216
Haddad, T.F. *see* Khasawneh, M.A. 108247
Haddad, Z.S., Durden, S.L., Im, E. Parameterizing the raindrop size distribution 80648
Haddad, Z.S., Im, E., Durden, S.L. Optimal estimation of rain-rate profiles from single-frequency radar echoes 80654
Haddad, Z.S., Im, E., Durden, S.L., Hensley, S. Stochastic filtering of rain profiles using radar, surface-referenced radar, or combined radar-radiometer measurements 80655
Haddadi, S., Fernandez, C., Abdelnour, F. Textural features and neural network for image classification 66914
Haddara, H. *see* Ahmed, M.M. 114172
Haddara, H. *see* Fikry, W. 63754
Hadden, J.K. *see* Giacomazzo, C. 71040
Haddix, F.F. *see* Gouda, M.G. 87686
Haddock, C., Kovachev, V., Capone, D. Measurement of ramp rate sensitivity in model dipoles with ebanol-coated cable 95575
Haddock, J.L. *see* Wheeler, J.P. 81018
Haddon, J. The influence of antenna aperture and atmospheric absorption on amplitude scintillations on millimetric wave communications links 109328
Haddon, R. *see* Dodabalapur, A. 62503
Hader, J. *see* Bastian, G. 83940
Hadfield, B.R. The new standard voltage and its implications [in South Africa] 70699
Hadj Zoubir, N., Rinnert, H., Vergnat, M., Marchal, G., Burneau, A. Characterization of hydrogenated amorphous silicon prepared by ion beam assisted evaporation 92859
Hadj Zoubir, N. *see* Cantin, J.L. 94305

Hadjadj, A. *see* Roca i Cabarrocas, P. 82754
Hadji, E., Bleuse, J., Magnea, N., Pautrat, J.L. Resonant cavity light emitting diodes for the 3-5 μm range 64981
Hadji, E., Bleuse, J., Magnea, N., Pautrat, J.L. Photopumped infrared vertical-cavity surface-emitting laser 65176
Hadjichristov, G.B., Kircheva, P.P., Kirov, N. Multiplex CARS spectroscopy of Rochelle salt crystal 107571
Hadjidimos, A. *see* Kim, S.-B. 113251
Hadjidimos, A. *see* Yu-Ling Lai 103783
Hadjifotiou, A. *see* Davis, F. 67945
Hadjifotiou, A. *see* Garthe, D. 78704
Hadjifotiou, A. *see* Garthe, D. 78875
Hadjifotiou, A. *see* Lee, W.S. 68517
Hadjifotiou, A. *see* Lee, W.S. 78706
Hadjifotiou, A. *see* Lee, W.S. 99557
Hadjiiski, L. *see* Hudek, P. 63504
Hadjilambrinos, C. Development of renewable energy resources in Greece 102347
Hadjipanayis, G.C. *see* Al-Omari, I.A. 64215
Hadjipanayis, G.C. *see* Murthy, A.S. 64237
Hadjipanayis, G.C. *see* Panagiotopoulos, I. 64250
Hadjipanayis, G.C. *see* Wei Gong 113507
Hadjipanayis, G.C. *see* Withanawasam, L. 64253
Hadjipanayis, G.C. *see* Withanawasam, L. 115544
Hadjiprocoplou, M., Reed, G.T., Hollaway, L., Thorne, A.M. Optimization of fibre coating properties for fiber optic smart structures 110175
Hadjisavvas, N., Schaible, S. Quasimonotone variational inequalities in Banach spaces 82457
Hadjitheodosiou, M.H. The role of satellites in the ATM era: a study of two possible network architectures 78630
Hadjizada, K. *see* Klett, M. 109883
Hadjout, L. *see* Ibtiouen, R. 91491
Hadjsaid, N. *see* Besanger, Y. 70838
Hadjsaid, N. *see* Besanger, Y. 81067
Hadjsaid, N. *see* Kim, H.L. 101976
Hadjsaid, N. *see* Le Kim, H. 80815
Hadjsaid, N. *see* Le Kim, H. 91053
Hadler-Jacobsen, A. *see* Raad, R.O. 112458
Hadley, G.R. *see* Borges, B.V. 99594
Hadley, G.R. *see* Lear, K.L. 65331
Hadley, G.R. *see* Lear, K.L. 107286
Hadley, G.R. *see* Smith, R.E. 85066
Hadley, P. *see* Betouras, J.J. 115943
Hadley, P. *see* Wallage, S. 83412
Hadley, S.W. Domination and separation applied to the quadratic assignment problem 92524
Hadorn, P., Luscher, R., Fag, I., Jonsson, R. Reasons for continuous circuit breaker time monitoring and proposal for a simple realisation 102908
Hadouda, H. *see* Pouzet, J. 92788
Hadrys, W. *see* Ramesohl, I. 71288
Hadwich, V., Pfeiffer, F. The principle of virtual work in mechanical and electromechanical systems 73004
Hady, D.A., El-Shazly, A.A., Soliman, H.S., El-Shazly, E.A. The thermoelectric power, the dark electrical resistivity and the grain boundary potential barrier in $CdIn_2Se_4$ thin films 74305
Hady, F. *see* Dowd, P. 78919
Hady, K.Abdel *see* Abdel Hady, K.
Hadziioannou, G. *see* Garten, F. 75752
Hadziioannou, G. *see* Schlatmann, A.R. 107008
Hadziloannou, G. *see* Malliaras, G.G. 95631
Hae Chung *see* Sang Won Min 108759
Hae Yong Park *see* Hong Seub Kim 82703
Hae-Gwon Lee *see* Wu Lu 95065
Hae-Seung Lee *see* Jungwook Yang 114031
Hae-Seung Lee *see* Paul, S.A. 79548
Hae-Seung Lee *see* Yu, P.C. 73491
Hae-Sul Choi *see* Chul-Hwan Kim 70930
Hae-Sung Park *see* Moon-Deock Kim 85487
Hae-Woong Kwon Anisotropy and magnetic properties of $Nd_{16}Fe_{76}B_8$ and $Nd_{16}Fe_{75.3}B_8Zr_{0.1}$ HDDR materials 115513
Haebel, E. *see* Tuckmantel, J. 100498
Haeberli, W. *see* Rathmann, F. 119987
Haeberli, W. *see* Wise, T. 120082
Haeberli, W. *see* Zapfe, K. 120083
Haecheon Kim *see* Joon Seop Kwak 94566
Haegel, N.M. Photoconductors for 200-400 μm: choices and challenges 106935
Haeggstroem, S. *see* Calen, H. 120194
Haehnert, I. *see* Utke, I. 74352
Haekwan Lee *see* Tanaka, H. 113106
Haelterman, M., Louis, Y. Optical domain walls in atomic vapors 116711
Haelterman, M. *see* Trillo, S. 96655
Haelvoet, K., Criel, S., Dobbelaere, F., Martens, L., De Langhe, P., De Smedt, R. Near-field scanner for the accurate characterization of electromagnetic fields in the close vicinity of electronic devices and systems 119569
Haemapun, C., Fazio, A.F. FGD systems make Mae Moh a better neighbor [steam power plant] 111786
Haemers, W.H., Tonchev, V.D. Spreads in strongly regular graphs 72477
Haen, A.-M. *see* Widmer, A. 78352
Haeng Lee Kyung *see* Kyung Haeng Lee
Haeng-Soo Oh, Seung-Jo Han Design of the extended-DES cryptography 66426
Haenni, D. *see* Burgett, W. 79856
Haertling, G. *see* Li, G. 75029
Haertling, G.H. *see* Dausch, D.E. 84719
Haes, J., Baets, R., Weinert, C.M., Gravert, M., Nolting, H.P., Andrade, M.A., Leite, A., Bissessur, H.K., Davies, J.B., Ettinger, R.D., Ctyroky, J., Ducloux, E., Ratovelomanana, F., Vodjdani, N., Helfert, S., Pregla, R., Wijnands, F.H.G.M., Hoekstra, H.J.W.M., Krijnen, G.J.M. A comparison between different propagative schemes for the simulation of tapered step index slab waveguides 76540
Haes, J. *see* Visser, T.D. 64754
Haese, N. *see* Cailleu, D. 66096
Haese, N. *see* Cailleu, D. 86006
Haese-Coat, V. *see* Li, W. 77351
Haese-coat, V. *see* Ogor, B. 111320
Haesendonck, C.van *see* van Haesendonck, C.
Haesun Park *see* Van Huffel, S. 117316
Haesung Kwon *see* Sookyung Kim 109946
Haetty, J., Na, M.H., Chang, H.C., Luo, H., Petrou, A. Fabrication of flexible monocrystalline ZnSe-based foils and membranes 103915
Haeuser, J. *see* Engels, O. 100746
Haeusler, G., Schoenfeld, H., Stockinger, F. Calibration of optical 3D-sensors 79355
Haeusler, M. *see* Sadek, K. 111570
Haeverbeke, S.Van *see* Van Haeverbeke, S.
Hafeez, A., Stark, W.E. Combined decision-feedback multiuser detection/soft-decision decoding for CDMA channels 108346
Haferkamp, H., Bach, F.-W., von Alvensleben, F., Kreutzburg, K. Laser beam active brazing of metal ceramic joints 107651
Hafez, H.M. *see* Movahhedinia, N. 77736
Hafez, H.M. *see* Movahhedinia, N. 99082
Hafez, R.H.M. *see* Hendessi, F. 99208
Haffmans, A.F., Maletic, D., Ruggiero, A.G. Colliding crystalline beams 89878
Haffmans, A.F., Maletic, D., Ruggiero, A.G. Phenomenology of crystalline beams in smooth accelerators 90001
Haffner, H. *see* Freygang, M. 63985
Hafich, M.J. *see* Blum, O. 74575
Hafich, M.J. *see* Fritz, I.J. 116109
Hafich, M.J. *see* Zolper, J.C. 105549
Hafid, A., von Bochmann, G., Kerherve, B. A quality of service negotiation procedure for distributed multimedia presentational applications 109242
Hafid, A. *see* Kerherve, B. 118587
Hafiz A. Hamza, A.-S. Investigations of switching operations on composite feeders 70879
Hafizi, B., Gold, S.H. Field analysis of beam loading and detuning in magnicon deflection cavities 62610
Hafizi, B., Hirshfield, J.L. Theory of a rotating-mode coaxial infrared grating laser 107360
Hafizi, B., Roberson, C.W. Kinetic theory of free electron lasers 96483
Hafizi, B. *see* Gold, S.H. 62226
Hafizi, B. *see* Gold, S.H. 100423
Hafizi, B. *see* Gold, S.H. 105019
Hafizi, B. *see* Ting, A. 96478
Hafizi, M., Stanchina, W.E., Sun, H.C. Submicron fully self-aligned AlInAs/GaInAs HBTs for low-power applications 63631
Hafizi, M. *see* De Los Santos, H.J. 93872
Hafizov, R.G. *see* Furman, Ya.A. 76936
Hafner, J., Aredes, M., Heumann, K. A shunt active power filter applied to high voltage distribution lines 91143
Hafner, J. *see* Aredes, M. 91144
Hafner, J. *see* Lorenz, R. 64266
Hafner, T. *see* Poljak, M. 121532
Hafner, U. Refining image compression with weighted finite automata 86740
Hafskjaer, L. *see* Bjerkan, L. 68474
Haft, N. *see* Ahbe, T. 79704
Haftka, R.T. *see* Sensharma, P.K. 106395
Hag, U.L. *see* Inoue, K. 121993
Hag Park In *see* In Hag Park
Haga, A. *see* Kawamata, K. 81060
Haga, A. *see* Kawamata, K. 104916
Haga, E.M. *see* Nagata, H. 106831
Haga, K. *see* Maeda, T. 62442
Haga, K. *see* Nakamura, N. 100620
Haga, N. *see* Nagata, H. 106831
Haga, T., Shinzato, T., Emura, K., Takada, H. Development of a new light source using compact linac 96568
Haga, T. *see* Nakahara, K. 107312
Haga, Y. *see* Ishikawa, H. 71303
Hagan, D.J. *see* DeSalvo, R. 96639
Hagan, D.J. *see* VanStryland, E.W. 107616
Hagan, D.J. *see* Wang, Z. 76100
Hagan, G. *see* Duerinckx, A.J. 111006
Hagan, P.S. *see* Sobehart, J.R. 114550
Hagan, P.S. *see* Sobehart, J.R. 115123
Hagan, W.P., Linford, R.G. Dry battery disposal in the United Kingdom 112186
Hagan, W.P., Vickers, S.L. The effect of water on zinc polymer electrolytes in battery systems 112211
Hagara, M., Chmurny, J., Zidek, F., Magdolen, J. Biosignal processing with wavelets 90496
Hagbae Kim, White, A.L., Shin, K.G. Susceptibility of controller computers to environmental disruptions and its effects on system stability 76502
Hagberg, D.J., Jr. *see* Malone, M.D. 91081
Hagberg, E. *see* Fox, D. 90136
Hagberg, M., Eriksson, N., Larsson, A. Investigation of high-efficiency surface-emitting lasers with blazed grating outcouplers 107251
Hagberg, M. *see* Eriksson, N. 64772
Hagberg, M. *see* Ming Li 95770
Hagberg, M. *see* Ming Li 116751
Hage, J. *see* Collins, P.D. 92138
Hage, J. *see* Fabry, L. 94653
Hage, J. *see* Obermeier, G. 84509
Hage, R.J.van der *see* van der Hage, R.J.
Hage-Ali, M. *see* Chibani, L. 94350
Hageborn, D. *see* Berland, V. 110509
Hagedoorn, H.L. *see* Botman, J.I.M. 69624
Hagedoorn, H.L. *see* de Leeuw, R.W. 100710
Hagedoorn, H.L. *see* de Leeuw, R.W. 100711
Hagedoorn, H.L. *see* Ernst, G.J. 96457
Hagedoorn, H.L. *see* Kemper, A.H. 102852
Hagedoorn, H.L. *see* Theuws, W.H.C. 100626
Hagedorn, D. *see* Berland, V. 74693
Hagedorn, D. *see* Berland, V. 95593
Hagedorn, D. *see* Berland, V. 110510
Hagedorn, D. *see* Rodriguez-Mateos, F. 90046
Hagedorn, F.B. *see* McKinley, J.M. 75390
Hagedorn, P. *see* Ustundag, A. 84711
Hagel, O.-J. *see* Svedin, J. 117063
Hagel, R. *see* Gong, L. 82004
Hageman, P.R. *see* Driessen, F.A.J.M. 62810
Hagemann, M., Weber, H.J. Are ternary halides useful materials for nonlinear optical applications? 106752
Hagen, D. *see* Orzeszko, S. 112486
Hagen, J.B., Baumgartner, H.A. Backscatter gain of aperture antennas 99652
Hagen, M.R., Kupperman, D.S., Goretta, K.C., Lanagan, M.T. Liquid phase sintering and microstructure development of Ag-clad Tl-1223 superconductor 113537
Hagen, R. Robust LPC spectrum quantization–vector quantization by a linear mapping of a block code 86148
Hagen, R. *see* Kleijn, W.B. 97582
Hagenaars, T.J. *see* van Himbergen, J.E. 95466
Hagenauer, J. *see* Weiss, C. 76780
Hagenbuch, K. *see* Loker, D.R. 70004
Hagenstein, K. *see* Noerenberg, H. 61226
Hager, G.D., Belhumeur, P.N. Real-time tracking of image regions with changes in geometry and illumination 86408
Hager, G.D., Helms, C.A., Truesdell, K.A., Plummer, D., Erkkila, J., Crowell, P. A simplified analytic model for gain saturation and power extraction in the flowing chemical oxygen-iodine laser 107038
Hager, G.D., Toyama, K. X Vision: Combining image warping and geometric constraints for fast visual tracking 67306
Hager, G.D. *see* Lu, C.-P. 108682
Hager, G.D. *see* Toyama, K. 66976
Hager, G.D. *see* Toyama, K. 86381
Hager, G.D. *see* Toyama, K. 86771
Hager, G.E., Medicine Bear, R.N., Baum, A.S. Automated distribution fault locating system 70880
Hager, G.J. Integrated motion and programmable logic control cuts system cost 71358
Hager, H.E., Chan, E.Y., Beranek, M.W., Hong, C.S. VCSEL optical subassembly for avionics fiber-optic modules 99512
Hager, H.E. *see* Orr, M.D. 85021
Hager, K.-H. Short-circuit resistance of power transformers 102789
Hageraats, J.J.E.M. *see* Hurkx, G.A.M. 63855
Hagerer, A. *see* Hahn, W. 61840
Hagerman, B. Strongest interferer adaptive single-user receivers in cellular radio environments 78529
Hagerott Crawford, M., Choquette, K.D., Chow, W.W., Schneider, R.P., Jr. Many-body effects in a semiconductor microcavity laser: Experiment and theory 107426
Hagerott Crawford, M. *see* Choquette, K.D. 107284
Hagerott Crawford, M. *see* Hou, H.Q. 116490
Hagerott Crawford, M. *see* Thornton, R. 65241
Hagerott-Crawford, M. *see* Pearton, S.J. 92725
Hagerott-Crawford, M. *see* Vartuli, C.B. 84133
Hagerty, D.J., Jenq, Y.C. Designing and simulating a multistage sampling rate conversion system using a set of PC programs 97745
Hagerty, P. *see* Conley, W. 105758
Hagg, S., Ygge, F., Gustavsson, R., Ottosson, H. DA-SoC: a testbed for modelling distribution automation applications using agent-oriented programming 70707
Haggag, H. *see* Bergemont, A. 83115
Haggag, H. *see* Bergemont, A. 104535
Haggans, C.W. *see* Judkins, J.B. 64637
Haggerott-Crawford, M. *see* Pearton, S.J. 94876
Haggerty, W.T. *see* Kuhn, A. 109438
Haggman, S.-G. *see* Bergholm, P. 68297
Haggman, S.-G. *see* Laurila, J. 109516
Haggman, S.-G. *see* Zhao, Y. 118974
Haghighat, A. *see* Wagner, J.C. 81254
Hagihara, K. *see* Nitta, N. 90307
Hagihara, Y., Inui, S., Okamoto, F., Nishida, M., Nakamura, T., Yamada, H. Floating point datapaths with on-line built-in self speed test 104518
Hagimoto, K. *see* Abe, T. 63162
Hagimoto, K. *see* Kataoka, T. 68519
Hagimoto, K. *see* Matsumura, K. 68514
Hagimoto, K. *see* Mito, A. 76224
Hagimoto, K. *see* Sano, A. 78876

Hagimoto, K. *see* Tada, Y. 78732
Hagino, H. *see* Takahashi, H. 105914
Hagino, H. *see* Tomomatsu, Y. 105870
Hagino, M. *see* Nomura, T. 92753
Hagino, T. *see* Sugata, H. 113195
Hagino, T. *see* Yamashina, M. 67981
Haginomori, E. *see* Hotta, E. 110511
Haginoya, C. *see* Kohashi, T. 75070
Hagiwara, H. *see* Ishiguro, T. 106534
Hagiwara, K. *see* Matsumura, F. 102696
Hagiwara, K. *see* Takahashi, T. 61333
Hagiwara, M. *see* Ashiya, T. 60523
Hagiwara, T. *see* Ueda, T. 111677
Hagiwara, Y., Asada, T., Matsubara, K., Sakami, H., Tamura, I., Maiguma, H., Yamamoto, M., Fujiwara, S. Multi-scanning color liquid crystal display 100254
Hagiwara, Y. *see* Ishikawa, S. 112561
Hagl, G. *see* Brauninger, H. 90702
Hagler, M.O., Marcy, W.M., Yeargan, J.R., Laker, K.R., Sullivan, R.L., Conner, D.A. The making of the special issue on the application of information technologies to engineering and science education 112764
Haglund, R.F., Jr. *see* Mazzoldi, P. 85678
Hagmann, M.J. *see* Chen, Y.P. 93148
Hagn, M. *see* Wegscheider, W. 65289
Hagness, S.C., Joseph, R.M., Taflove, A. Subpicosecond electrodynamics of distributed Bragg reflector microlasers: results from finite difference time domain simulations 96391
Hagood, N.W. *see* Ghandi, K. 106324
Hagood, N.W. *see* Rodgers, J.P. 115455
Hagston, W.E. *see* Cain, N. 74380
Hagston, W.E. *see* Chen, P. 74407
Hagston, W.E. *see* Ozanyan, K.B. 74168
Hagston, W.E. *see* Ozanyan, K.B. 74455
Hagston, W.E. *see* Stirner, T. 94541
Hagstrom, T. *see* Coutsias, E.A. 61035
Haguenauer, M. *see* Peigneux, J.P. 120164
Hah Young Yoo *see* Myung Jin Bae 98944
Hah Yung-Joon *see* Yung-Joon Hah
Hahad, M., Erhel, J., Priol, T. Scheduling strategies for sparse Cholesky factorization on a shared virtual memory parallel computer 60993
Hahakura, S. *see* Ueyama, M. 115896
Hahle, J. *see* Flaig, J. 85883
Hahm, M.D., Friedman, E.G., Titlebaum, E.L. Receiver power issues related to matched filter implementation for portable wireless communication terminals 118852
Hahm Jin Hwan *see* Jin Hwan Hahm
Hahm Seung-Jae *see* Seung-Jae Hahm
Hahm Young-Kwon *see* Young-Kwon Hahm
Hahn, A. *see* Gunsenheimer, U. 115924
Hahn, B. *see* Gebhardt, W. 74196
Hahn, B. *see* Kastner, M.J. 74178
Hahn, B. *see* Kuttler, M. 74375
Hahn, B. *see* Rosenauer, A. 61194
Hahn, B. *see* Wagner, H.P. 74244
Hahn, D. *see* Zhou, H. 116673
Hahn, E.C., Wanke, C.R. Preliminary requirements for avionics intent information for free flight 70390
Hahn, E.C. *see* Strain, R.C. 70396
Hahn, E.C. *see* Strain, R.C. 120648
Hahn, F. Neural networks using broadband spectral discriminators reduces illumination required for broccoli identification on weedy fields 98036
Hahn, F. *see* Adam, W. 69709
Hahn, F. *see* Adam, W. 69735
Hahn, F. *see* Campion, R. 69727
Hahn, H. On the coupling impedance of a toroidal beam pipe with circular cross section 79900
Hahn, H., Tepikian, S., Dome, G. Heuristic treatment of the nonresonant coupling impedance of a toroidal beam tube 79791
Hahn, H.I. *see* Strickland, R.N. 77420
Hahn, J. Monitoring of hazardous chemical deposition at either underground sites or in the atmosphere with the aid of a remote, chemical-sensing network that is satellite-based 90842
Hahn, J.H. *see* Hwang, N.M. 61336
Hahn, J.H. *see* Hwang, N.M. 72744
Hahn, J.H. *see* Park, K.H. 119246
Hahn, K.-U. *see* Buchholz, J.J. 120601
Hahn, K.D. *see* Celata, C.M. 90010
Hahn, K.H., Giboney, K.S., Wilson, R.E., Straznicky, J., Wong, E.G., Tan, M.R., Kaneshiro, R.T., Dolfi, D.W., Mueller, E.H., Plotts, A.E., Murray, D.D., Marchegiano, J.E., Booth, B.L., Sano, B.J., Madhaven, B., Raghavan, B., Levi, A.F.J. Gigabyte/s data communications with the POLO parallel optical link 119222
Hahn, K.H. *see* Raddatz, L. 65301
Hahn, K.H. *see* Tan, R.T. 68516
Hahn, L.L. *see* Abramo, M.T. 114950
Hahn, M. *see* Klyscz, Th. 69967
Hahn, P.J., Mathews, V.J. Distortion-limited vector quantization 86739
Hahn, R. *see* Klockau, J. 64582
Hahn, R. *see* Renz, G. 96548
Hahn, R. *see* Schlott, V. 79831
Hahn, R.L. *see* Cribier, M. 110538
Hahn, R.von *see* von Hahn, R.
Hahn, S.H. *see* Park, Y.J. 62753
Hahn, S.J. *see* Tatchyn, R. 96526
Hahn, S.L. The N-dimensional complex delta distribution 77042
Hahn, S.L. Comments on "A tabulation of Hilbert transforms for electrical engineers" 86275
Hahn, S.L. The Hilbert transform of the product a(t) $\cos(\omega_0 t+\phi_0)$ 97833
Hahn, S.Y. *see* Hyoung Joong Kim 61123
Hahn, S.Y. *see* Kyung Choi 65956
Hahn, T. *see* Le Toan, T. 111345
Hahn, T. *see* Metzner, H. 71713
Hahn, T. *see* Metzner, H. 104011
Hahn, T.S. *see* Lee, Y.H. 75736
Hahn, T.S. *see* Park, J.H. 89084
Hahn, T.S. *see* Shim, S.Y. 100033
Hahn, U. *see* Balewski, K. 80148
Hahn, W., Hagerer, A., Kandlbinder, R. Hardware-accelerated concurrent fault simulation: eventflow computing versus dataflow computing 61840
Hahn, Y. *see* Thoma, C. 106437
Hahn Hernsoo *see* Hernsoo Hahn
Hahn Minsoo *see* Minsoo Hahn
Hahn Song-Yop *see* Song-Yop Hahn
Hahn Songyop *see* Songyop Hahn
Hahne, E.L. *see* Choudhury, A.K. 87296
Hahne, E.L. *see* Choudhury, A.K. 87340
Hahne, P., Dietz, R., Rieth, B., Weiland, T. Determination of anisotropic equivalent conductivity of laminated cores for numerical computation 64467
Hahnle, R. Commodious axiomatization of quantifiers in multiple-valued logic 73319
Hai, L.H. *see* Hung, N.D. 65055
Hai, N. ELTA mobile terminal 88176
Hai Bin Chung, Kag Hyeon Lee, Hyung Joun Yoo Catadioptric system design for ArF excimer laser lithography 85372
Hai Bin Chung *see* Doh Hoon Kim 84265
Hai Bin Chung *see* Sang-Soo Choi 63497
Hai Gong *see* Gong Hai
Hai Jin *see* Jin Hai
Hai Jing *see* Ruipeng Sun 84942
Hai Tao Cai, Chin Wan Fung, P. Pseudocoloring for a dual-phase grating method 117758
Hai Wang *see* Van Tran, H. 73587
Hai Xiao *see* Shenghua Ye 79491
Hai Zhou *see* Xiaoming Xu 65786
Hai-Feng Liu, Arahira, S., Kunii, T., Ogawa, Y. Tuning characteristics of monolithic passively mode-locked distributed Bragg reflector semiconductor lasers 116547
Hai-Feng Liu *see* Novak, D. 96413
Hai-Feng Liu *see* Uchiyama, Y. 75917
Hai-Jiang Ou *see* Yue-Fei Yang 114290
Hai-Ming Wu, Yang-Ming Zhu, Qi Luo, Xiao-Ming Yang, Zu-Hong Lu, Yu Wei Preparation and characterization of anisotropic chain structures in polyimide films 82756
Hai-Ping Ko *see* Millen, J.K. 86099
Hai-Qun Zheng *see* Jin-Min Li 69147
Hai-Shueh Lee, Pollard, R.D., Snowden, C.M. A high linearity and wide band feedforward amplifier design 113764
Hai-Tan Tran *see* Ansari, N.A. 96628
Hai-Won Yang *see* Oh Yang 102741
Hai-Woong Lee *see* Min-Yong Leon 65101
Hai-Xiao Wang, Chang-Chun Zhu, Jun-Hua Liu, Xin-Ping Lee Design of vacuum magnetic sensor with multiple-pair anodes 79330
Hai-Yan Zhang *see* Nan-Jin Feng 117839
Hai-Young Lee *see* Jung-Ki Hong 83295
Hai-Young Lee *see* Sang-Ki Yun 85463
Haibach, P. *see* Frey, U. 95441
Haibara, T. *see* Kihara, M. 116036
Haibin Wang *see* Wang Haibin
Haibin Zhang *see* Wei Tie 118548
Haibo Lu *see* Lu Haibo
Haibo Song, Qiong Li, Jingfang Xu, Xinfu Liu Instability of field electron emission from FEA 83752
Haibo Song *see* Qiong Li 73984
Haibo Wang *see* Wang Haibo
Haibo Zhang, Takaoka, A. Fundamental harmonic of ripples in symmetrical Cockcroft-Walton cascade rectifying circuit [used in ultra-HVEM] 114155
Haida, T. *see* Oki, I. 91685
Haida, T. *see* Oki, I. 121823
Haidar, J., Bouthinon, M., Vilcot, A. A new optoelectronic technique for microwave passive structures tuning 93713
Haidar, J. *see* Safwat, A.M.E. 62354
Haidar, N.H.S. On sampled Fourier sums 108329
Haider, C. *see* Glatt, W. 88596
Haider, K., Wanner, V. The technology of LIC Langmatz radio remote control receivers 90980
Haider, S. *see* Adam, W. 69709
Haider, S. *see* Adam, W. 69732
Haider, S. *see* Adam, W. 69735
Haidinyak, C. *see* Anderson, L. 63970
Haidner, H. Artificial dielectrics designed as wavelength filters 106931
Haidoux, A. *see* Tomasini, P. 113338
Haifan Liang *see* Hegedus, S. 112401
Haifeng Peng, Liren Liu Optical two-dimensional SW-banyan network: optical implementation, routing control, and determination of permissible permutations 75649
Haifeng Peng, Liren Liu, Yaozu Yin Solid state integrated optical cellular two-layer logic image processor: design and demonstration 86974
Haifeng Peng *see* Binquan Wang 75574
Haifeng Wang *see* Wang Haifeng
Haifeng Yang, Halme, A. An edge extracting method on color images 97932
Haig, N.D. *see* Moorhead, I.R. 108531
Haige Xiang *see* Tie Liu 118796
Haige Xiang *see* Tingwu Wang 119111
Haige Xiang *see* Xiang Haige
Haigh, A.T. *see* Wear, J.A. 90350
Haigh, A.T. *see* Wear, J.A. 101312
Haigh, D. *see* Webster, D. 104854
Haigh, D.G. *see* Passiopoulos, G. 61656
Haigh, D.G. *see* Webster, D.R. 73732
Haigh, J. *see* McChesney, J.-J. 113407
Haigh, R. *see* Gamelin, J. 88652
Haijing Zhou *see* Zhou Haijing
Haijuan Chen *see* Chen Haijuan
Haijun Yu *see* Yu Haijun
Haijun Zhang *see* Zhang Haijun
Haijun Zhou *see* Morozov, V.N. 116282
Haijun Zhu *see* Xuekun Lu 72755
Haikawa, K. *see* Mochida, T. 121331
Hailan Zhang *see* Xiuming Wang 120929
Haile, S. *see* Meilicke, S. 112324
Haile, S.M. *see* Anbin Yu 112322
Haile, S.M. *see* West, D. 112320
Hailey, D.M. *see* Crowe, B.L. 110817
Haili Ma, Girgis, A.A. Identification and tracking of harmonic sources in a power system using a Kalman filter 91158
Hailiang Peng *see* Peng Hailiang
Hailiang Wu *see* Wu Hailiang
Haill, T.A. *see* Johnson, D.J. 69636
Haill, T.A. *see* Mehlhorn, T.A. 69637
Haill, T.A. *see* Moats, A.R. 69642
Haim, D. *see* Szymanski, J.J. 110589
Haim, Z.B. *see* Pundak, N. 60638
Haimei Gong *see* Gong Haimei
Haiming Deng, Baohua Ma, Ningning Fan, Qingkui Yu A set of quantitative and comprehensive measures for adaptive segmenting of color image 87144
Haiming Wang Theory and experiments on diffraction patterns of an optical fiber with slight ellipticity: a perturbation method 75479
Haiming Wang, Malacara, D. Optical triangulation: a dual-channel configuration 100304
Haimovich, A. The eigencanceler: adaptive radar by eigenanalysis methods 68542
Haimovich, A., Bar-Ness, Y. On the performance of a stochastic gradient-based decorrelation algorithm for multiuser multicarrier CDMA 77015
Haimovich, A.M., Pugh, M.L., Berin, M.O. Training and signal cancellation in adaptive radar 109713
Haimovich, A.M. *see* Bernstein, X. 109350
Haimovich, A.M. *see* Wu, X. 68163
Haimovich, A.M. *see* Wu, X. 88357
Haimovich, A.M. *see* Wu, X. 118846
Haimson, J., Mecklenburg, B. HV injection phase orbit characteristics for sub-picosecond bunch operation with a high gradient 17 GHz linac 89677
Haimson, J. *see* Houck, T.L. 100474
Hain-Ching Liu, Zick, G.L. Scene adaptive MPEG encoding algorithm using the P-picture-based analysis 98101
Hainberger, R. *see* Kock, A. 96255
Haine, F. *see* Assaad, J. 101592
Haine, L. *see* Grunbaum, F.A. 72399
Haine, N.J., Jacobson, R.E., Attridge, G.G. Interimage effects in hard-copy output from electronic systems 79606
Haines, B. *see* Rice, P. 115830
Haines, K. Development of embossed holograms 96750
Haines, M.G. *see* Mitchell, I.H. 71496
Haines, N.A. *see* Bailey, J.J. 91512
Haines, N.A. *see* Lobley, R.A. 102858
Haing Sei Lee *see* Sangsin Na 76725
Haining Zhang *see* Zhang Haining
Hains, C.H. *see* Ortiz, G.G. 107287
Hains, C.P. *see* Ortiz, G.G. 75773
Hains, S. *see* Parker, P. 87535
Hainsworth, G., Leonard, P.J., Rodger, D., Leyden, C. Finite element modelling of magnetic compression using coupled electromagnetic-structural codes 65745
Hainsworth, T.J. *see* Mardia, K.V. 110706
Haiqing Yang, Panda, S.K., Liang, Y.C. Experimental investigation of feedback linearization controller for switched reluctance motor 121977
Haiqing Yang *see* Yang Haiqing
Hairapetian, A. An 81 MHz IF receiver in CMOS 78351
Hairapetian, G. *see* Brogle, R. 90108
Hairapetian, G. *see* Davis, P. 89606
Hairapetian, G. *see* Zhang, R. 89605
Hairong Lei *see* Lei Hairong
Hairong Sun *see* Sun Hairong
Haisch, H. *see* Lach, E. 107231
Haisch, H. *see* Rodrigues, V. 68371
Haisch, H. *see* Schilling, M. 96425
Haisch, H. *see* Weinmann, R. 75597
Haisong Ang *see* Ang Haisong
Haitao, T., Simula, O. The optimal utilization of multi-service SCP 98585
Haitao Hong *see* Shenghua Ye 79491
Haitao Yu *see* Yu Haitao
Haitao Zhang *see* Zhang Haitao

Haitjema, H., Bosse, H., Frennberg, M., Sacconi, A., Thalmann, R. International comparison of roundness profiles with nanometric accuracy 89492
Haitjema, H. *see* Steijaert, H.A.M. 79338
Haiwu Ma *see* Cole, L.A. 91062
Haiwu Yu *see* Yu Haiwu
Haiyan An *see* An Haiyan
Haiyan He *see* Veldhuis, R. 86123
Haiyan Ou *see* Jiqun Shi 91745
Haiyin Sun Calculation of gain saturation caused by photon density longitudinal hole burning in semiconductor lasers and in a semiconductor light amplifier 76177
Haiyong Chen *see* Chen Haiyong
Haiyun Tang *see* Yao, M. 75848
Haiyun Yang, Soo Ngee Koh, Dubey, V.K. Performance of pitch synchronous multi-band (PSMB) speech coder with error-correction coding 76883
Haizhong Wang *see* Wang Haizhong
Hajdas, W., Adams, L., Nickson, B., Zehnder, A. The Proton Irradiation Facility at the Paul Scherrer Institute 100754
Hajdas, W. *see* Parrat, Y. 100793
Hajdinjak, M. Realised dielectric resonator oscillator configuration, and relationship of its basic parts 73148
Hajdinjak, M., Golub, K., Cigrovski, J. MINI LINK: Microwave transmission radio system 68047
Hajdinjak, M. *see* Golub, K. 68046
Hajdu, I. *see* Gal, L. 72149
Hajduk, A. *see* Cevolani, G. 99712
Hajduk, J., Steck, J. Power-supply ripple affects power amplifiers 82907
Hajdukova, M. *see* Cevolani, G. 99712
Hajek, B.K. *see* Hines, J.W. 111748
Haji-Sheikh, A. *see* Roy, S.R. 63234
Hajian, M., Lam, T.S., Ligthart, L.P. Microstrip-to-waveguide transition for miniature dielectric-filled waveguide microstrip-like antennas 97318
Hajian, M. *see* Tran, D.P. 66056
Hajima, K. DSP technology enriches performance of diverse equipment 86323
Hajima, R., Matsuura, F. Advanced optimization of permanent magnet wigglers using genetic algorithm 100779
Hajime, K. Conversion circuitry overcomes image distortion, noise 83179
Hajime, K. Digital formats paint rosy future for image reproduction 86324
Hajime, K. Digital image conversion allows recall of fine points 86943
Hajime, K. Compression schemes tame multimedia's voluminous data 87943
Hajime, K. Digital processing can make world's TV systems compatible 88822
Hajime, K. Electronic displays shine as engineers burnish techniques 89282
Hajime, K. Bit by bit: digital modes offer precise control of image quality 98044
Hajime, K. Digital technology series. IX. Video compression hinges on time, space, probability 108661
Hajime Asahi *see* Joo-Hyong Noh 83967
Hajimowlana, S.H. *see* Jullien, G.A. 67340
Hajiyev, C.M. Fault detection in dynamic systems by generalized variance of Kalman filter innovation sequence 76949
Hajj, G.A. *see* Kursinski, E.R. 70484
Hajj, I.N. *see* Lee, T. 83045
Hajj, I.N. *see* Lee, T. 104427
Hajj, I.N. *see* Ping-Chung Li 73179
Hajji, R., Beauregard, F., Ghannouchi, F.M. Multitone transistor characterization for intermodulation and distortion analysis 95058
Hajji, R. *see* Ghannouchi, F.M. 93828
Hajnal, J.V. *see* Eastham, J.F. 101305
Hajnal, Z. *see* Deak, P. 94315
Hajny, M. Interference fading prediction on the line-of-sight radio links 109338
Hajra, A.K. *see* De, S.S. 83898
Hajto, J., McAuley, B., Snell, A.J., Milburn, G.H.W., Owen, A.E. Theory of room temperature quantized resistance steps in electroformed metal-a-Si:H-metal structures 63181
Hajto, J., McAuley, B., Snell, A.J., Owen, A.E. Theory of room temperature quantized resistance effects in metal-a-Si:H-metal thin film structures 94638
Hajto, J. *see* Hu, J. 94639
Hajto, J. *see* Hu, J. 94641
Hak Kyu Lee, Kyong Hon Kim, Min-Yong Jeon, El-Hang Lee All-optical NRZ to RZ format conversion using a walk-off balanced nonlinear fiber loop mirror 88568
Hak Kyu Lee *see* Kyong Hon Kim 65079
Hak Kyu Lee *see* Kyong Hon Kim 65103
Hak-Guhn Han, Kwnag-Myoung Son, Jong-Keun Park, Byung-Ha Lee Analysis of control modes of thyristor controlled series compensators using a periodic linear system model 101916
Hak-Guhn Han *see* Kwang-Myoung Son 101777
Hak-Kyu Lee *see* Min-Yong Jeon 65073
Hak-Kyu Lee *see* Min-Yong Leon 65101
Hak-Yong Lee *see* Gwan-Soo Park 95379
Hakakha, H. *see* Kim, I.I. 89244
Hakanishi, H. *see* Hamada, H. 89267
Hakansson, M.C. *see* Simpson, W.C. 94325
Hakansson, P., Della-Negra, S., Mouffron, J.P., Waast, B., Sullivan, P.A. Production, acceleration and diagnostics of molecular ions and ionized clusters 100775
Hakaridani, M. *see* Haneda, I. 109270
Hakata, A. *see* Tomonaga, H. 99024
Hakata, T. *see* Ohyama, H. 105880
Hakata, T. *see* Ohyama, H. 116228
Hakegaard, J.E. *see* Biglieri, E. 88171
Haken, B.ten *see* ten Haken, B.
Haken, R.K.Ten *see* Ten Haken, R.K.
Haken, U. *see* Humbach, O. 116053
Haker, W. *see* Adams, H.W. 103372
Hakim, E.B. *see* Lall, P. 60601
Hakimi, A.El *see* El Hakimi, A.
Hakimi, S.L. *see* Teng-Sheng Moh 106135
Hakkaralnen, H., Hoisko, S. See one, play one: DSPC for ASIC test 113992
Hakki, B.W. Polarization mode dispersion in a single mode fiber 119192
Hakkinen, J., Rahkonen, T., Kostamovaara, J. A temperature compensated 100 MHz to 1 GHz variable gain amplifier in a 8 GHz 1.2 μm BiCMOS process 104378
Hakoda, M. *see* Kato, S. 82050
Hakola, T. *see* Paulasaari, H. 102103
Hakon Husoy, J. *see* Klock, B. 83244
Hakone, Y. *see* Kawamura, Y. 107502
Hakoplan, H.A. *see* Gevorgian, H.V. 72595
Hakota, M. *see* Oshita, E. 96437
Hakuta, K. *see* Katsuragawa, M. 96644
Hakuta, K. *see* Uesaka, M. 71082
Hakuta, T. *see* Uetsuka, H. 78806
Halabe, U.B. *see* Shoukry, S.N. 68624
Halaczek, T.L. *see* Fischer, H. 99314
Halada, G. *see* Lien-Chang Wang 72879
Halali, B. *see* Wong, S.L. 73115
Halama, G. *see* Jalink, A. 80264
Halamek, J. *see* Villa, M. 79282
Halang, W.A., Wannemacher, M., Pereira, C.E. A high-precision timing and interrupt controller to support distributed real-time operating systems 73519
Halang, W.A. *see* Kwong, S. 108218
Halang, W.A. *see* Sterzbach, B. 78564
Halani, A. *see* Basol, B.M. 104093
Halani, A. *see* Basol, B.M. 112336
Halani, A. *see* Basol, B.M. 121883
Halaris, P. *see* Moronis, A. 95294
Halaris, P. *see* Tsitsoglou, I. 95258
Halaris, P.G., Bourkas, P.D., Moronis, A.X., Tsitsias, S.A., Tsitsoglou, I., Karagiannopoulos, C.G. Stressing the model of a solid-liquid dielectric through the application of high DC voltage 95259
Halaris, P.G. *see* Tsitsias, S.A. 95263
Halasz, S., Bui Tin Huu, Veszpremi, K. Rotor time constant on-line identification for field oriented AC drive 71785
Halatsis, C. *see* Voyiatzis, I. 61771
Halatsis, C. *see* Voyiatzis, J. 83095
Halbach, K. *see* Schlueter, R.D. 90062
Halbach, K. *see* Tatchyn, R. 96526
Halbach, L. *see* Kirschvink, M. 71298
Halberstadt, M.J. *see* Roberts, D.A. 61344
Halchin, D. *see* Nair, V. 83362
Halcoussis, C. *see* Verbeni, R. 110628
Haldar, J.C. *see* De, S.S. 83898
Haldar, M.K., Mendis, F.V.C., Wang, J. New technique for increasing speed of semiconductor lasers 65188
Haldar, M.K. *see* Chang Yuen Teo 85488
Haldar, M.K. *see* Linlin Li 65355
Haldar, P. *see* Balachandran, U. 84865
Haldar, P. *see* Balachandran, U. 115909
Haldar, P. *see* Selvamanickam, V. 75330
Haldar, P. *see* Yang, Y. 106671
Haldar, S. *see* Sharma, Y.D. 106096
Haldar, S. *see* Thomas, C. 106012
Haldar, T. *see* Arora, R.S. 104001
Haldar Pradeep *see* Pradeep Haldar
Halder, M.K., Wang, J., Mendis, F.V.C. Distortion in directly modulated semiconductor lasers in the presence of relatively strong coherent optical feedback 96410
Halder, P.K., Letaief, K.B. Performance analysis of spread-spectrum multiple-access with DPSK modulation in indoor wireless communications systems 68070
Haldoupis, C., Schlegel, K. Characteristics of midlatitude coherent backscatter from the ionospheric E region obtained with Sporadic E Scatter experiment 116916
Hale, C., Nguyen, C. Voice command recognition using fuzzy logic based digital filters 97612
Hale, J.R. *see* Chaplin, M.R. 106727
Hale, J.R. *see* Smith, B.A. 102172
Hale, L. *see* Eblen, J.P., Jr. 90703
Hale, L.C. On the coupling of energy in parallel plane waveguides 107972
Hale, P.D. *see* Williams, P.A. 100350
Hale, P.N., Jr *see* Ashroff, S. 70230
Hale, P.S., Jr. *see* Hollis, H.D. 72201
Hale, R. *see* Deis, G. 106719
Halen, E.C.van *see* van Halen, E.C.
Halen, P.Van *see* Van Halen, P.
Halene, C. *see* Quandt, E. 82782
Hales, R. *see* Price, T. 91401
Halevi, S., Micali, S. Practical and provably-secure commitment schemes from collision-free hashing 97502
Haley, M.B., Blake, E.H. Incremental volume rendering using hierarchical compression 108120
Haley, S.B. *see* Larson, T.M. 64562
Half, C. *see* Mu, R. 84105
Halfhill, T.R. x86 enters the multimedia era 93488
Halfmann, R. *see* Bomer, L. 88368
Halfpenny, A., Kerr, S., Quinlan, M., Bishop, N.W.M. A technical feasibility study and economic assessment of an offshore floating wind farm 102563
Halfpenny, D.R., Kane, D.M. Electric-arc cleaning of optical-fiber endfaces 95689
Halhed, B.R. Desktop video–not a POTS solution yet 87874
Halici, U. *see* Aybay, I. 114167
Halici, U. *see* Guloksuz, A. 93653
Halim, R. *see* Grilo, J. 73484
Halimic, M., Balachandran, W. Kalman filter for dynamic weighing system 69525
Halimic, M., Balachandran, W., Enab, Y. Fuzzy logic estimator for dynamic weighing system 119897
Halimic, M. *see* Tariq, M. 100346
Halin, M., Buddas, T. Operating experiences of the steam generator blowdown system at Loviisa power plant 71059
Halin, M., Kallonen, I., Sonninen, R., Linden, U., Buddas, T., Jarnstrom, R. Evaluation of suitable secondary water chemistries for Loviisa power plant 71061
Halin, M. *see* Rosenberg, R.J. 71080
Halinka, A., Winkler, W., Witek, B. Fault detection and recognition in generator-transformer units by neural network based adaptive protection 91449
Halkiadis, I.S., Theofanous, N.G., Greaves, D.A. A high-voltage low-cost wide-band fiber optic transmission with improved linearity [power system measurements] 121247
Halkias, G. *see* Aperathitis, E. 115138
Hall, A.M. *see* Peri, M.L. 100132
Hall, C.J., Foose, W.A. Practical planning for CDMA networks—a design process overview 109564
Hall, C.R. The formation of 90° interface dislocations in strained (001) semiconductor heterojunctions 83896
Hall, D.G. *see* Stuart, H.R. 119679
Hall, D.K. *see* Cavalieri, D.J. 120820
Hall, D.K. *see* Riggs, G. 120812
Hall, D.L. *see* Dapino, M.J. 115487
Hall, D.L. *see* Zrostlik, R.L. 95387
Hall, D.R. *see* Abramski, K. 107105
Hall, D.R. *see* Colley, A.D. 107104
Hall, D.R. *see* Faulstich, A. 65122
Hall, D.V. Getting started with digital simulation 73858
Hall, E., Kravitz, J., Ramaswami, R., Halvorson, M., Tenbrink, S., Thomsen, R. The Rainbow-II gigabit optical network 77943
Hall, E. *see* Samu, T. 86942
Hall, E.A.H. *see* Gooding, J.J. 69332
Hall, E.A.H. *see* Gooding, J.J. 110243
Hall, F.G. *see* Peddle, D.R. 120673
Hall, G. Level crossing rates in binary counting systems 69854
Hall, G. *see* MacEvoy, B.C. 84064
Hall, G. *see* Mason, S.E. 113614
Hall, G. *see* Matheson, J. 69771
Hall, G. *see* Spurlin, C. 61992
Hall, G. *see* Terrell, T.J. 117622
Hall, G. *see* Wheadon, R. 100837
Hall, G. *see* Wheadon, R. 100965
Hall, J., Morud, J. A power factor control IC utilizing high voltage technology combines versatility with high density packaging 91616
Hall, J. *see* Severns, R. 71818
Hall, J. *see* Waring, R. 106638
Hall, J.L. *see* Dube, P. 107594
Hall, J.L. *see* Jun Ye 96176
Hall, J.M. *see* Skuridin, S.G. 110228
Hall, J.T. *see* Hayes, J.G. 122045
Hall, K. *see* Stuopis, P.A. 120676
Hall, K.I. *see* Patel, N.S. 119240
Hall, K.L., Rauschenbach, K.A. All-optical bit pattern generation and matching at 10 Gbit/s 75642
Hall, K.L., Rauschenbach, K.A. All-optical bit pattern generation and matching 78874
Hall, K.L. *see* Barry, R.A. 77948
Hall, K.L. *see* Moores, J.D. 106761
Hall, K.L. *see* Patel, N.S. 88490
Hall, K.L. *see* Patel, N.S. 88638
Hall, K.L. *see* Patel, N.S. 116155
Hall, K.M. *see* Black, P.E. 113661
Hall, L. Experience with a cutting plane algorithm for the capacitated spanning tree problem 113627
Hall, L.C. *see* Bilbro, G.L. 110760
Hall, L.D. *see* Ablett, S. 80286
Hall, L.D. *see* Fisher, B.J. 70000
Hall, L.D. *see* Gibbs, S.J. 68980
Hall, L.O. *see* Bensaid, A.M. 67096
Hall, L.O. *see* Sharkey, M. 117270
Hall, L.O. *see* Vaidyanathan, M. 80221
Hall, M. *see* Mautz, K. 63445
Hall, M.C. *see* Whittaker, S.J. 67710
Hall, M.P.M. Background to COST Project 235 [MM wave radio propagation] 97139
Hall, P., Ngan, M., Andreae, P. Reconstruction of blood vessel networks from x-ray projections and a vascular catalogue 70027
Hall, P.J. *see* Harding, D.J. 89795
Hall, P.J. *see* Harding, D.J. 89796

Hall, P.R., Page, D.A., Myler, J.K. Recent achievements in closing the loop in interferometric toolsetting on a pneumo-precision MSG325 diamond turning lathe 76310
Hall, P.S. *see* Langley, J.D.S. 66128
Hall, R., Rohlev, L., Earley, L., Cochrane, J. Fiber optic timing, firing and control systems for high energy density physics experiments at Pegasus II 84984
Hall, R. *see* Earley, L. 82906
Hall, R. *see* Motamedi, M.E. 100116
Hall, R. *see* Sankur, H. 95921
Hall, R.A. *see* Gregorwich, W. 80734
Hall, R.B. *see* Cotter, J.E. 112375
Hall, R.B. *see* Rand, J.A. 112358
Hall, R.C., Mosig, J.R. The analysis of arbitrarily shaped aperture-coupled patch antennas via a mixed-potential integral equation 66049
Hall, R.C., Thng, C.H., Wu, D.I. Arbitrarily shaped microstrip antennas on cylinders 97300
Hall, R.C. *see* Michalski, K.A. 66063
Hall, R.L. *see* Gluck, N.S. 119716
Hall, R.S. *see* Ashley, T. 79412
Hall, R.W., Chih-Yuan Hu Time-efficient computation of 3D topological functions 98223
Hall, S. Getting the right results [SMT screen printing process control] 82297
Hall, S. *see* Wainwright, S.P. 84036
Hall, S. *see* Woods, N.J. 74475
Hall, S. *see* Woods, N.J. 84300
Hall, S. *see* Wu, Z.Y. 84419
Hall, S. *see* Wu, Z.Y. 115397
Hall, S. *see* Zarrow, P. 112947
Hall, S.E., Carter, D.L., Weber, C.L. Long endurance materials for aluminum fuel cell systems 112329
Hall, S.H., Walters, W.L., Mattson, L.F., Gilbert, B.K. Multi-GHz VCSEL electrical packaging analysis 116522
Hall, S.W. Advanced stencil printing technology 94075
Hall, T. *see* Klingenberg, H.H. 116688
Hall, T.A. *see* Pinto-Robledo, V.J. 65412
Hall, T.E., Giannakis, G.B. Image modeling using inverse filtering criteria with application to textures 77261
Hall, T.E. *see* Sheen, D.M. 117646
Hall, T.J. *see* Gutierrez-Castrejon, R. 85687
Hall, T.J. *see* Hung, K.M. 96780
Hall, T.J. *see* Masum, J. 115168
Hall, T.J. *see* Pignon, D. 64848
Hall, W., Puradi, F. Electronic interlocking system simulation for the training of traffic controllers 122014
Hall, W. *see* De Roure, D. 87968
Hall, W. *see* De Roure, D. 118347
Hall, W.F. *see* Palaniswamy, S. 97067
Hall, W.J. Defining complete reflow capability using dynamic computer modeling 94073
Hallam, W. *see* Jackson, M.K. 88563
Hallee, P.J. Testing high-tech PCBs 79271
Hallen, A., Keskitalo, N., Masszi, F., Nagl, V. Lifetime in proton irradiated silicon 62677
Hallen, A. *see* Keskitalo, N. 74343
Hallen, J.M. *see* Gonzalez, J.L. 61436
Haller, E.E. *see* Brundermann, E. 75934
Haller, E.E. *see* Dubon, O.D. 62675
Haller, E.E. *see* Holland, W.S. 79101
Haller, E.E. *see* Ruvimov, S. 105450
Haller, E.E. *see* Sadoulet, B. 100818
Haller, E.E. *see* Walukiewicz, W. 114639
Haller, E.E. *see* Wetzel, C. 62703
Haller, E.E. *see* Wetzel, C. 62704
Haller, G.M., Freytag, D.R. Analog floating-point BiCMOS sampling chip and architecture of the BaBar CsI calorimeter front-end electronics system at the SLAC B-factory 90202
Haller, J.W., Christensen, G.E., Joshi, S.C., Newcomer, J.W., Miller, M.I., Csernansky, J.G., Vannier, M.W. Hippocampal MR imaging morphometry by means of general pattern matching 101233
Haller, M. *see* Moser, H.O. 79772
Haller, M.I. *see* Ladabaum, I. 111363
Haller, T. *see* Geck, J. 113006
Hallet, B. *see* Krishnan, S. 105673
Halleux, B.de *see* de Halleux, B.
Hallewell, G. *see* Abe, K. 69708
Hallewell, G. *see* Abe, K. 69726
Halley, A. *see* Abt, I. 80025
Halley, A. *see* Abt, I. 100825
Hallgren, A. *see* Adam, W. 69709
Hallgren, B., Bal, F., Barr, G.D., Buchholz, P., Formenti, F., Funk, W., Kozhevnikov, Yu., Lacourt, A., Laverriere, G., Martini, M., Papi, A., Ponting, P., Sozzi, M., Vossnack, O., Wahl, H. High rate large dynamic range analog circuitry and digitizers for fast calorimetry 90201
Hallgren, B., Bal, F., Barr, G.D., Buchholz, P., Formenti, F., Funk, W., Kozhevnikov, Yu., Lacourt, A., Laverriere, G., Martini, M., Papi, A., Ponting, P., Sozzi, M., Vossnack, O., Wahl, H. High rate large dynamic range analog circuitry and digitizers for fast calorimetry 100956
Hallgren, J. *see* Anson, S. 120934
Halliday, D.P., Holland, E.R., Eggleston, J.M., Adams, P.N., Cox, S.E., Monkman, A.P. Electroluminescence from porous silicon using a conducting polyaniline contact 94317
Halliday, J. *see* Brocklehurst, F.K. 102565
Halliday, J.A. *(editor)* Wind Energy Conversion 1995. Proceedings of the 17th British Wind Energy Association Conference 103284
Hallidy, W. *see* Chin, R. 100054
Halligan, J. *see* Keating, J.G. 77521
Halligen, K. Portable system power; still no "best buy" battery 81556
Halligen, K. State-of-the-art battery charging and management 112202
Hallikainen, M. *see* Hyyppa, J. 120915
Hallikainen, M. *see* Kemppinen, M. 111125
Hallikainen, M. *see* Pulliainen, J. 120679
Hallikainen, M.T. *see* Pulliainen, J.T. 70459
Hallin, A. *see* Szymanski, J.J. 110589
Hallin, A.L. *see* Jillings, C.J. 74083
Hallin, C., Bakin, A.S., Owman, F., Martensson, P., Kordina, O., Janzen, E. Study of the hydrogen etching of silicon carbide substrates 105712
Hallin, C., Konstantinov, A.O., Kordina, O., Janzen, E. The mechanism of cubic SiC nucleation on off-axis substrates 104135
Hallin, C., Yakimova, R., Krastev, V., Marinova, Ts., Janzen, E. Interface chemistry and electrical properties of annealed Ni and Ni/Al-6H SiC structures 105477
Hallin, C. *see* Bakin, A.S. 104165
Hallin, C. *see* Henry, A. 105225
Hallin, C. *see* Ivanov, I.G. 114865
Hallin, C. *see* Konstantinov, A.O. 104047
Hallin, C. *see* Kordina, O. 94428
Hallin, C. *see* Kordina, O. 103913
Hallin, C. *see* Marinova, T. 83970
Halling, H. *see* Shuang-Ren Zhao 80307
Halling, H. *see* Weber, S. 101109
Halling, H. *see* Zhao, S.-R. 101178
Halling, M. *see* Alexandrof, V.A. 100628
Halling, M. *see* Bharadwaj, V. 89676
Halling, M. *see* Tenenbaum, P. 89675
Halliwell, N.A. *see* Reeves, M. 89563
Hallmark, J., Abrokwah, J., Bernhardt, B., Crawforth, B., Foster, D., Jenn-Hwa Huang, LaMacchia, M., Lucero, R., Mathes, B., Ooms, B. Complementary GaAs (CGaAs) technology and applications 84533
Hallmark, J. *see* Staudinger, J. 93150
Hallouin, M. *see* Couturier, S. 89515
Halls, D.C. *see* Russell, J.D. 62739
Halls, J.J.M., Baigent, D.R., Cacialli, F., Greenham, N.C., Friend, R.H., Moratti, S.C., Holmes, A.B. Light-emitting and photoconductive diodes fabricated with conjugated polymers 96024
Halls, J.J.M., Pichler, K., Friend, R.H., Moratti, S.C., Holmes, A.B. Exciton dissociation at a poly(p-phenylenevinylene)/C_{60} heterojunction 64901
Halls, J.J.M., Pichler, K., Friend, R.H., Moratti, S.C., Holmes, A.B. Exciton diffusion and dissociation in a poly(p-phenylenevinylene)/C_{60} heterojunction photovoltaic cell 75723
Hallworth, T.M. *see* Wenger, G.M. 92187
Halman, J.I.M. *see* Smallenburg, K. 72209
Halme, A., Visala, A., Selkainaho, J., Manninen, J. Fault detection by using process functional states and temporal logic nets 103485
Halme, A. *see* Haifeng Yang 97932
Halme, A. *see* Schonberg, T. 99686
Halnon, J. *see* Lipton, L. 100228
Halonen, K. *sec* Koli, K. 61694
Halonen, K. *see* Lindfors, S. 93519
Halonen, K. *see* Lindfors, S. 104729
Halonen, K. *see* Lindfors, S. 114015
Halonen, K. *see* Porra, V. 118915
Halouskova, A. *see* Karny, M. 108254
Halper, C., Heiss, M., Brasseur, G. Digital-to-analog conversion by pulse-count modulation methods 83180
Halperin, S.A. The difference between surface resistance and surface resistivity [ESD] 85797
Halpern, B.I. *see* Mallik, A. 74480
Halpern, E.J. *see* Varghese, T. 110681
Halpern, M., Gush, H.P., Shinkoda, I., Tucker, G.S., Towlson, W. Balloon-borne anisotropy measurement (BAM) using a cryogenic Fourier transform spectrometer 99701
Halpert, G. *see* Huang, C.-K. 81691
Halpert, G. *see* Nagasubramanian, G. 81696
Halpert, G. *see* Ratnakumar, B.V. 71645
Halpin, S.M., Burch, R.F., IV Applicability of neural networks to industrial and commercial power systems: a tutorial overview 80805
Halpin, S.M. *see* Ashcraft, S.R. 71477
Halsall, C.L. *see* Fulton, E. 91019
Halsall, F. *see* Asgari, A. 77582
Halsall, R. *see* Galagedera, S.B. 90216
Halsall, R. *see* Galagedera, S.B. 100941
Halsan, K.A. *see* Dong Wu 102223
Halsema, D.Van *see* Van Halsema, D.
Halser, K. Reliability of displaced solder joints 113042
Halson, P. *see* Fleming, J.S. 90315
Halstead, W.H., Hicks, R.F. Enhanced flat-lamp performance 90714
Haltakov, I.V. *see* Mouchovski, J.T. 72745
Haltrin, V.I., Weidemann, A.D. A method and algorithm of computing apparent optical properties of coastal sea waters 111262
Haltrin, V.I., Weidemann, A.D., McBride, W.E., III Volume scattering function of light for a mixture of polydisperse small particles with various optical properties 107925
Haluk Derin *see* Wen-Jyi Hwang 77507
Haluza, D. Lightning, ground potential rise, and electrical damage; protecting wayside equipment on the MTA Long Island Rail Road 91853
Halversen, S.D. *see* Novak, L.M. 68632
Halversen, S.D. *see* Novak, L.M. 80732
Halverson, D.R. *see* Tsai, C. 66855
Halverson, J.L., Dolezal, D.L. RIS interface for mammography results and patient reporting 110809
Halvorson, M. *see* Hall, E. 77943
Ham, F.M., Fausett, L.V., Gonzalez-Guirado, M.C., Kostanic, I. Development and analysis of interpolating ART and SOM networks 76910
Ham, F.M. *see* Bard, J.D. 108262
Ham, F.P.G.M.van *see* van Ham, F.P.G.M.
Ham, J. Sensors feel digital pressure 89006
Ham, P.A.L. *see* Smith, C.A. 81331
Ham, Y. *see* Suh, T. 115102
Ham, Y.-M., Lee, C., Suh, T.-W., Chun, K., Cho, G.-S. Development parameter measurement and profile analysis of electron beam resist for lithography simulation 115113
Ham Chang-Shik *see* Chang-Shik Ham
Ham Ho-Sang *see* Ho-Sang Ham
Hama, H. A helical optical klystron for an UV-FEL project at the UVSOR 96472
Hama, H., Inami, K., Yoshimura, M., Nakanishi, K. Estimation of breakdown voltages of surface flashovers initiated from triple junction in SF_6 gas 95296
Hama, H., Kimura, K., Yamazaki, J., Takano, S., Kinoshita, T., Couprie, M.E. Microscopic study on lasing characteristics of the UVSOR storage ring free electron laser 96460
Hama, H. *see* Cen, A. 67057
Hama, H. *see* Kimura, K. 96474
Hama, H. *see* Kimura, S. 89636
Hama, H. *see* Nakajima, S. 108571
Hama, H. *see* Nakamura, E. 89632
Hama, H. *see* Yanagihara, Y. 69999
Hama, S., Kiuchi, H., Sekido, M., Kondo, T., Takahashi, Y., Kaneko, A., Yoshino, T., Imae, M. Crustal deformation monitoring system for the Tokyo metropolitan area. VLBI system for the Key Stone Project. Real-time VLBI system. Realtime VLBI data processing system 101530
Hama, S. *see* Imae, M. 101522
Hama, S. *see* Imae, M. 101529
Hama, S. *see* Kaneko, A. 101543
Hama, S. *see* Kiuchi, H. 93493
Hama, S. *see* Nees, J. 106115
Hamabe, K. *see* Takaba, S. 78423
Hamacher, A. *see* Igel, S. 120205
Hamacher, K. *see* Ankner, J.F. 64364
Hamacher, K. *see* Theis-Brohl, K. 64363
Hamacher, M., Trommer, D., Heidrich, H. Full-duplex transceiver-PIC fabricated by using three MOVPE growth steps 78679
Hamacher, M. *see* Kaiser, R. 68384
Hamacher, M. *see* Kuenzel, H. 103954
Hamacher, M. *see* van Dam, C. 106833
Hamacher, T., Michel, E., Weyers, P., Schmidt-Parzefall, W., Krizan, P., Korpar, S., Staric, M. A TMAE based photon detector for the HERA-B RICH 69745
Hamacher, T. *see* Krizan, P. 69125
Hamacher, T. *see* Krizan, P. 69746
Hamacher, T. *see* Krizan, P. 100843
Hamad, A.M.A. *see* Betzner, T.M. 79354
Hamad, M., Landis, D. A statistical model for path delay faults in VLSI circuits 106165
Hamada, H., Hakanishi, H., Funada, F., Awane, K. A new bright single panel LC-projection system without a mosaic color filter 89267
Hamada, H., Sasaki, A., Okita, Y., Niina, T. Polysilicon thin-film transistors processed at low temperature (≤600°C) using solid-phase crystallization in wet oxygen atmosphere 74735
Hamada, H. *see* Higashida, M. 78269
Hamada, H. *see* Kirkeby, O. 117303
Hamada, H. *see* Nakamura, Y. 119559
Hamada, H. *see* Nakanishi, H. 110295
Hamada, H. *see* Sugimoto, M. 73384
Hamada, H. *see* Yamane, N. 98303
Hamada, K. *see* Asada, H. 79622
Hamada, K. *see* Matsui, K. 102175
Hamada, K. *see* Okumura, F. 100198
Hamada, K. *see* Shimamoto, S. 95590
Hamada, K. *see* Zheng Guoqing 75322
Hamada, M., Tse, S.K. The existence of maximum likelihood estimates from designed experiments 82417
Hamada, M. *see* Aimoto, Y. 73442
Hamada, M. *see* Chih-Hua Chiao 64970
Hamada, M. *see* Chipman, H. 72202
Hamada, M. *see* Yabe, Y. 113980
Hamada, N. *see* Kondo, K. 76897
Hamada, N. *see* Kondo, K. 98290
Hamada, N. *see* Miyazaki, N. 97772
Hamada, N. *see* Miyazaki, N. 117451
Hamada, N. *see* Nakachi, K. 117778
Hamada, N. *see* Nakachi, T. 114054
Hamada, N. *see* Nakagawa, T. 86871
Hamada, N. *see* Urisaka, S. 77381
Hamada, O. *see* Okajima, Y. 93362
Hamada, S., Mii, T., Hiraki, E., Nakaoka, M. Saturable reactor and lossless capacitor-assisted soft-switching asymmetrical PWM DC-DC converter with forward-flyback transformer link 121573

Hamada, S. *see* Ikezoe, H. 100991
Hamada, S. *see* Ikoma, M. 71669
Hamada, S. *see* Kimura, T. 117306
Hamada, S. *see* Yokoyama, M. 96469
Hamada, T., Chung-Kuan Cheng, Chau, P.M. A wire length estimation technique utilizing neighborhood density equations 93220
Hamada, T., Hoshiai, T., Yates, M. A perspective on TINA service security architecture 118497
Hamada, T., Matsumoto, S. Coefficient-based adaptive transform coding scheme 117562
Hamada, T. *see* Higashida, Y. 110730
Hamada, T. *see* Imanishi, Y. 76228
Hamada, T. *see* Sakurai, H. 110425
Hamada, Y., Bao, F., Mei, A., Igarashi, Y. Nonadaptive fault-tolerant file transmission in rotator graphs 67737
Hamada, Y., Bao, F., Mei, A., Igarashi, Y. Fault-tolerant file transmission by information dispersal algorithm in rotator graphs 78105
Hamada, Y. *see* Fujiwara, N. 111681
Hamada, Y. *see* Yoshida, S. 64400
Hamadai, H. *see* Toyodai, S. 114229
Hamade, A.H., Kouki, A.B., Ghannouchi, F.M. A CAD-suitable approach for the analysis of nonuniform MMIC and MHMIC transmission lines 104871
Hamade, K. *see* Ooishi, T. 61899
Hamade, K. *see* Ooishi, T. 93614
Hamadeh, H., Soellner, J., Hermans, J., Kuester, U., Woitok, J., Geurts, J., Bollig, B., Heuken, M. Optical, structural and lattice dynamical properties of epitaxial $Zn_{1-y}Mg_yS_xSe_{1-x}$ layers grown by metalorganic vapour phase epitaxy 74153
Hamaguchi, C. *see* Ershov, M. 69195
Hamaguchi, C. *see* Kunikiyo, T. 74096
Hamaguchi, C. *see* Matsuoka, T. 105945
Hamaguchi, C. *see* Morifuji, M. 105255
Hamaguchi, C. *see* Nagai, H. 107205
Hamaguchi, C. *see* Nagasawa, H. 63562
Hamaguchi, C. *see* Sonoda, K. 115119
Hamaguchi, C. *see* Ueno, H. 63798
Hamaguchi, C. *see* Wirner, C. 74448
Hamaguchi, C. *see* Ryzhii, V. *(editor)* 60418
Hamaguchi, K. A frequency offset compensation method for received QAM signal in land mobile communications 99238
Hamaguchi, K. *see* Kamio, Y. 118993
Hamaguchi, K. *see* Minami, H. 118890
Hamaguchi, K. *see* Moriyama, E. 68118
Hamaguchi, M., Yoshino, K. Color-variable electroluminescence from multilayer polymer films 85287
Hamaguchi, M., Yoshino, K. Color-variable emission in multilayer polymer electroluminescent devices containing electron-blocking layer 116248
Hamaguchi, M. *see* Yoshino, K. 82776
Hamaguchi, S. *see* Rossnagel, S.M. 84216
Hamaguchi, T. *see* Nakao, M. 75246
Hamai, M. *see* Laskar, J. 93859
Hamaide, J.-P. *see* Audouin, O. 64651
Hamaide, J.-P. *see* Desurvire, E. 78694
Hamaide, J.-P. *see* Kolltveit, E. 119131
Hamaide, J.-P. *see* Pitel, F. 119180
Hamajima, T. *see* Arata, M. 95596
Hamajima, T. *see* Ogura, A. 105544
Hamajima, T. *see* Ono, M. 95562
Hamakawa, E. *see* Hayakawa, Y. 82651
Hamakawa, Y. A technological evolution from bulk crystalline age to multilayered thin film age in optoelectronic devices 69384
Hamakawa, Y. *see* Hattori, K. 94390
Hamakawa, Y. *see* Ma, W. 103019
Hamakawa, Y. *see* Nakamoto, K. 115706
Hamakawa, Y. *see* Shams-Kolahi, W. 94417
Hamakawa, Y. *see* Shams-Kolahi, W. 114655
Hamakawa, Y. *see* Toyama, T. 94383
Hamakawa, Y. *see* Toyama, T. 96039
Hamaker, J.P., Bregman, J.D. Understanding radio polarimetry. III. Interpreting the IAU/IEEE definitions of the Stokes parameters 79113
Hamaker, J.P., Bregman, J.D., Sault, R.J. Understanding radio polarimetry. I. Mathematical foundations 79112
Hamal, K. *see* Prochazka, I. 110171
Hamalainen, J., Jokinen, H., Honkasalo, Z., Fehlmann, R. Multi-slot packet radio air interface to TDMA systems–variable rate reservation access (VRRA) 88341
Hamalainen, J., Kari, H.H. Proposed operation of GSM packet radio networks 88342
Hamalainen, J. *see* Ling Wang 88381
Hamalainen, M., Whinston, A.B., Vishik, S. Electronic markets for learning: education brokerages on the Internet 87658
Hamalainen, M.K., Parviainen, J.K., Jaaskelainen, T. A novel micromovement actuator manufactured using plastic electromechanical film 64168
Hamalainen, R.P. *see* Rasanen, M. 91050
Hamalainen, R.P. *see* Rasanen, M. 102009
Hamam, H. Hartley holograms 116741
Hamam, H., de Bougrenet de la Tocnaye, J.L. Diffraction efficiency of quantized programmable phase elements: a critical assessment 85756
Hamam, H. *see* Guyot, O. 75639
Hamam, Y. *see* Al-Ani, T. 117294
Hamamoto, K. *see* Murata, M. 61367
Hamamoto, N. Differential detection with IIR filter for improving DPSK detection performance 97429
Hamamoto, N. *see* Isobe, S. 68343
Hamamoto, N. *see* Shikatani, M. 88466
Hamamoto, T., Egi, Y., Hatori, M., Aizawa, K., Okubo, T., Maruyama, H., Fossum, E.R. Computational image sensors for on-sensor-compression 69326
Hamamoto, T., Morooka, Y., Asakura, M., Ozaki, H. Cell-plate-line/bit-line complementary sensing (CBCS) architecture for ultra low-power DRAMs 61901
Hamamoto, T., Morooka, Y., Asakura, M., Ozaki, H. Cell-plate-line/bit-line complementary sensing (CBCS) architecture for ultra low-power DRAMs 93383
Hamamoto, T. *see* Aizawa, K. 69285
Hamamoto, T. *see* Aoki, M. 93361
Hamamoto, Y. *see* Mitani, Y. 86809
Hamanaka, T. *see* Aoki, Y. 78845
Hamann, J. *see* Filz, T. 74163
Hamann, J.C. *see* Ferris, C.D. 61681
Hamann, W.F., Glick, H.A. Integrated diagnostics for Navy fiber optic systems 89129
Hamano, M. *see* Tamura, T. 80082
Hamano, S. *see* Takeuchi, Y. 64652
Hamano, T. Radio access towards telecommunication service enhancement: Personal Handy Phone System 109472
Hamano, T., Iga, K., Baba, T. Spontaneous emission behaviour and its injection level dependence in three-dimensional microcavity surface emitting lasers 96409
Hamano, T. *see* Hirayama, H. 96274
Hamano, T. *see* Suzuki, A. 73352
Hamano, Y., Ohara, M., Fujimori, T., Yamaguciii, S., Sato, J. Development of compact LIF diagnostic system 76317
Hamant, B., Kamali, B. A novel direct sequence spread spectrum automatic vehicle identification system 119002
Hamao, F., Sugawara, T., Nakamura, T., Takeshita, M., Tsurusawa, K., Goto, A. Automatic guided vehicle system for Shinkansen track yard 103129
Hamarik, U. *see* Plato, R. 82517
Hamasaki, R. *see* Ono, T. 72867
Hamasaki, T. *see* Sakaguchi, T. 68924
Hamasaki, T. *see* Shinohara, Y. 73486
Hamasaki, Y., Ide, T. A multi-layer eddy current micro sensor for nondestructive inspection of small diameter pipes 113587
Hamasaki, Y. *see* Inoue, T. 83651
Hamatsu, N. *see* Ninomiya, S. 101276
Hamatsu, R. *see* Adams, D. 69840
Hamatsu, R. *see* Ohska, T.K. 100980
Hamatsu, R. *see* Okugi, T. 100782
Hamaya, N., Okabe, N., Yamakata, M., Yagi, T., Shimomura, O. Performance of different types of detectors in a high-pressure X-ray study of phase transition 90247
Hamazumi, Y., Watanabe, A., Koga, M., Ishii, M., Suzuki, S.-I., Sato, K. Experiments on 4×4 port optical path cross-connection with 8×2.5 Gbit/s transportation employing unequal channel spacing 88053
Hamazumi, Y. *see* Koga, M. 78895
Hamazumi, Y. *see* Koga, M. 99553
Hambach, M. *see* Shams-Kolahi, W. 94417
Hambaryan, A.K. *see* Arakelian, A.K. 111267
Hambaryan, A.K. *see* Arakelian, A.K. 120829
Hamberg, R. *see* Bech, S. 110291
Hamblin, H. *see* Thackwray, B. 72338
Hamburger, S.D. *see* Rajapakse, J.C. 69935
Hamchaoui, I. *see* Coatanea, P. 87583
Hamchaoui, I. *see* Guillemin, F. 87584
Hamchaoui, I. *see* Guillemin, F. 108743
Hamchary, H.El *see* El Hamchary, H.
Hamdan, A.M.A. The utilization of eigenvalues and eigenvectors and the reliability of their calculation in power systems: a case study 101912
Hamdan, M.A. *see* Jubran, B.A. 82254
Hamdan, M.H. *see* Ford, R.A. 72657
Hamdani, F. *see* Gil, B. 114650
Hamde, S.T. *see* Kahalekar, S.G. 120252
Hamdeh, H.H., Ho, J.C., Oliver, S.A., Willey, R.J., O'Shea, M.J. Magnetic properties of Zn-Mg ferrite fine powders 64337
Hamdi, E.S., Freeman, E.M., Silvester, P.P. On the stored energy computation in permanent-magnet motors 121439
Hamdi, M., Letaief, K.B., Jun Gu An efficient medium access control protocol for high-speed networks 77747
Hamdi, M., Muppala, J. Performance evaluation of ATM switches under various traffic and buffering schemes 77648
Hamdi, M., Muppala, J.K. Performance evaluation of non-blocking ATM switches under various traffic and buffering schemes 67528
Hamdi, M. *see* Letaief, K.B. 78574
Hamdi, M. *see* Ng, C.K.Y. 108563
Hamdi, R. *see* Bakar, Z.A. 97453
Hamdy, K.N. *see* Boney, L. 97752
Hamdy, N., Soliman, H. A high-speed A/D converter architecture for high-resolution applications 114044
Hamdy, N. *see* Soliman, H.H. 114043
Hamed, A.M. *see* El-Ghandoor, H. 69529
Hamed, M. *see* Arafa, B.A. 102201
Hameenanttila, T., Carothers, J.D. Crosstalk avoidance in MCM routing with timing considerations 114475
Hameenanttila, T., Carothers, J.D., Donghui Li Fast coupled noise estimation for crosstalk avoidance in the MCG multichip module autorouter 94150
Hameenanttila, T. *see* Carothers, J.D. 73860
Hamel, A. *see* Chollet, F. 85397
Hamel, C. *see* Alvarez, F. 70600
Hamel, J.S. An accurate charge control approach for modeling excess phase shift in the base region of bipolar transistors 74701
Hamel, L.A., Macri, J.R., Stahle, C.M., Odom, J., Birsa, F., Shu, P., Doty, F.P. Signal generation in CdZnTe strip detectors 80067
Hamel, L.A., Macri, J.R., Stahle, C.M., Odom, J., Birsa, F., Shu, P., Doty, F.P. Signal generation in CdZnTe strip detectors 100831
Hamel, L.A. *see* Dubeau, J. 69849
Hamel, V.J. *see* Carlsten, R.W. 112073
Hamers, J.P. *see* Zimmermann, P. 111802
Hames, G. *see* Zhang, K.X. 63718
Hames, S.M. *see* Flynn, M.J. 101266
Hames, S.M. *see* Flynn, M.J. 101292
Hamet, J.F. *see* Bernstein, P. 95486
Hameyer, K., Belmans, R. Design and optimization of electrotechnical devices 121529
Hameyer, K., Mertens, R., Belmans, R. Computation and measurement of electromagnetic fields of AC-high-voltage transmission lines 81101
Hameyer, K., Mertens, R., Belmans, R. Numerical methods to evaluate the electromagnetic fields below overhead transmission lines and their measurement 102193
Hameyer, K., Pahner, U., Belmans, R. Enhanced accuracy of 2D finite element field quantities by a local post-process 65744
Hameyer, K. *see* De Weerdt, R. 81466
Hameyer, K. *see* De Weerdt, R. 102724
Hameyer, K. *see* Johansson, T.B. 81493
Hameyer, K. *see* Mertens, R. 65737
Hameyer, K. *see* Mertens, R. 107709
Hamid, A.-K. Generalized scattering matrix method for cascaded waveguide junctions 65926
Hamid, A.-K. Modeling the scattering from a dielectric spheroid by a system of dielectric spheres 85835
Hamidi, S.M., Adhami, R.R. Image compression using compactly supported wavelets 98125
Hamidi, S.M., Adhami, R.R., Bruce, L.M. Wavelet construction using beta functions for image data compression 98123
Hamidoune, Y.O., Serra, O. On small cuts separating an Abelian Cayley graph into two equal parts 72506
Hamidovic, A. *see* Tkalic, M. 88024
Hamidullin, V. Dynamics of ultrasonic flowmeters 119948
Hamidzadeh, B. *see* To, T.-P.J. 99785
Hamied, K., Labedz, G. AMPS cell transmitter interference to CDMA mobile receiver 118962
Hamil, R. *see* Kaye, R.J. 70535
Hamill, D.C. An efficient active ripple filter for use in DC-DC conversion 82952
Hamill, D.C. Class DE inverters and rectifiers for DC-DC conversion 121642
Hamill, D.C. *see* Baha, B. 93054
Hamill, D.C. *see* Deane, J.H.B. 73082
Hamill, D.C. *see* Van der Zel, V.M. 70408
Hamill, D.N. *see* Cooley, P.C. 98858
Hamill-Keays, W.J.P., Price, I. Instrumentation and sensor education–complacency? 72106
Hamilton, A. *see* Papathanasiou, K. 104736
Hamilton, A.R. *see* Liang, C.-T. 106099
Hamilton, A.R. *see* Millard, I.S. 62829
Hamilton, B. *see* Gardelis, S. 64909
Hamilton, B. *see* Jones, W.P. 100575
Hamilton, B. *see* Kang, X. 89843
Hamilton, B. *see* Liu, J.Y. 89882
Hamilton, B. *see* Wu, H. 96320
Hamilton, C.E. Recent advances in diode-pumped near to mid-IR lasers 65167
Hamilton, C.J., Aitchison, J.S., Dumais, P., Villeneuve, A., Kennedy, G.T., Sibbett, W., Biehlig, W., Peschel, U., Peschel, T., Lederer, F. Temporal soliton-like pulses in AlGaAs waveguides 65456
Hamilton, C.J., Marsh, J.H., Hutchings, D.C., Aitchison, J.S., Kennedy, G.T., Sibbett, W. Localized Kerr-type nonlinearities in GaAs/AlGaAs multiple quantum well structures at 1.55 μm 74387
Hamilton, C.J., Vogele, B., Aitchison, J.S., Kennedy, G.T., Sibbett, W., Biehlig, W., Peschel, U., Peschel, T., Lederer, F. Bright solitary pulses in AlGaAs waveguides at half the band gap 96711
Hamilton, C.J. *see* Roberts, J.S. 96281
Hamilton, C.J. *see* Wong, C.P.C. 71149
Hamilton, C.L. *see* Burdick, S.V. 89141
Hamilton, C.S. *see* Kron, T. 120578
Hamilton, C.S. *see* Ostwald, P.M. 120577
Hamilton, G. *see* Murtuza, M. 61929
Hamilton, H.J. *see* Kowalchuk, R.J. 109198
Hamilton, J. Asynchronous transfer mode transmission over a satellite channel 109592
Hamilton, J.A., Jr. *see* Marti, W.F. 112768
Hamilton, M., Kipp, T. ATR architecture for multisensor fusion 117635
Hamilton, M.K., Kipp, T.A. Model-based multisensor automatic target identification for FLIR fused with MMW 101650
Hamilton, R.D., III, Latimer, J.S. Standards for an effective World Wide Web site 118351
Hamilton, S. The contamination audit: a vital tool for yield improvement 60691

Hamilton, S.A. *see* Hill, R.A. 78799
Hamilton, S.S. Broadening employment horizons: transferring proposal writing skills from for-profit to nonprofit organizations 60770
Hamilton, W.J. *see* Marks, D.G. 80353
Hamilton, W.O. *see* Mauceli, E. 99874
Hamiltons, W.J. *see* Marks, D.G. 101240
Hamiter, L. The vanishing military specifications and the impact on components 101658
Hamkins, J., Zeger, K. Asymptotically optimal spherical codes 66314
Hamlen, R. *see* Jacobs, R. 80703
Hamler, A., Hribernik, B. Impact of shape of stator pole of one phase brushless motor on cogging torque 71253
Hamlin, R. *see* Rafian, M. 101942
Hamlin, S.J. *see* Shibin Jiang 96196
Hamm, C.W. *see* Dix, W.R. 70096
Hamm, R. *see* Montgomery, R.K. 93888
Hamm, R.A., Chandrasekhar, S., Lunardi, L., Geva, M., Malik, R., Humphrey, D., Ryan, R. Materials and electrical characteristics of carbon-doped $Ga_{0.47}In_{0.53}As$ using carbontetrabromide by MOMBE for HBT device applications 103942
Hamm, R.A. *see* Cotta, M.A. 82618
Hamm, R.A. *see* Kirtania, A.K. 63584
Hamma, G.A., Stroud, R.C., Underwood, M.A., Woyski, W.B., Tauscher, R.C., Cappel, K.L. A review of multiaxis/multiexciter vibration technology 61511
Hamma, S. *see* Roca i Cabarrocas, P. 82754
Hammad, A.E. Stability and control strategy for parallel operation of AC and DC transmission systems 80837
Hammad, M., Khatib, T. Energy parameters of a solar car for Jordan 91864
Hammadi, Z. *see* Perotin, M. 114889
Hammaker, R.M. *see* Mortensen, A.N. 68977
Hamman, M. *see* Al-Dallal, S. 72885
Hammel, E. *see* Sarstedt, M. 100784
Hammel, P.C. *see* Zhang, Z. 119620
Hammel, T. *see* Hartmann, P. 120119
Hammer, B.E. Magnetic field mapping with an array of nuclear magnetic resonance probes 79657
Hammer, B.E. *see* Raylman, R.R. 101219
Hammer, G. *see* Six, J. 81317
Hammerle, M. *see* Gooding, J.J. 69332
Hammerle, R., Ostermeier, J. Analysis of azimuth-dependent current distribution on motor vehicle bodies 96939
Hammerle, W. *see* Henschel, H. 75506
Hammerle, W. *see* Henschel, H. 106816
Hammersberg, J. *see* Notomi, M. 63041
Hammersberg, M. *see* Aman, J. 99822
Hammerschlag-Buttner, P. *see* Honerla, J. 121254
Hammerschmidt, D. *see* Machul, O. 119624
Hammershoi, D. *see* Moller, H. 88875
Hammersley, A.P., Svensson, S.O., Hanfland, M., Fitch, A.N., Hausermann, D. Two-dimensional detector software: from real detector to idealised image or two-theta scan 90246
Hammersley, R.J., Cirauqui, C., Faig, J., Henry, R.E. Direct containment heating experiments for Vandellos and ASCo nuclear power plants 121306
Hammock, J.B. *see* Erbach, P.S. 86889
Hammon, T.E., Ouellette, F., Stokes, A.D. A low-cost optical fibre Bragg grating temperature sensing system 79503
Hammond, B. *see* Hwang, C. 94977
Hammond, B. *see* Hwang, C. 95180
Hammond, G.P. Nuclear energy into the twenty-first century 111731
Hammond, J. *see* Botti, O. 91696
Hammond, J. *see* Bowser, M. 69232
Hammond, J.K. *see* Hashemi, S. 86243
Hammond, P. Physical processes in electromagnetism 65611
Hammond, R. *see* Osterwald, C.R. 103030
Hammond, R. *see* Osterwald, C.R. 112356
Hammond, S., Marasco, K. High efficiency MMIC power amplifier for cellular and wireless applications 93860
Hammons, A.R., Jr. CRC-based techniques for combined burst synchronization and error detection in TDMA PCS systems 109486
Hammons, B.E. *see* Biefeld, R.M. 82650
Hammons, B.E. *see* Breiland, W.G. 61421
Hammons, B.E. *see* Choquette, K.D. 105602
Hammons, B.E. *see* Hou, H.Q. 107308
Hammons, B.E. *see* Hou, H.Q. 116490
Hammons, B.E. *see* Meissner, K.E. 107664
Hammons, S. *see* Madni, A.M. 84639
Hammons, T.J. East and Central European electricity infrastructure, interconnections and electricity exchanges 91020
Hammons, T.J., Chew, K.H., Chua, T.C. Competitiveness of renewable energy from Iceland via the proposed Iceland/UK HVDC submarine cable link 91111
Hammons, T.J., Chua, T.C., Chew, K.H., Hinschberger, B. Proposed Ireland/South Wales power link: steam turbine-generator shaft torques due to steady harmonic ripple currents superimposed on the HVDC current in asynchronous links 102049
Hammons, T.J., Kacejko, P.A., Wancerz, M. Study of noncharacteristic subsynchronous currents injected into the Polish Grid by a 1000 MW HVDC inverter station 91112
Hammons, T.J., Lee, S.K. Analysis of large induction generator shaft torques following severe disturbances on the system supply 91510
Hammons, T.J., Toh, W.S., Kacejko, P.A., Wancerz, M. Transient stability enhancement by optimal control of HVDC power flow 101767
Hammons, T.J. *see* Kacejko, P.A. 90958
Hammoud, A., Gerber, S., Baumann, E., Overton, E. Development of a 1 kW, 200°C Mapham inverter 91614
Hammoudeh, A., Al-Nuaimi, M. Microwave propagation in vegetation media 65836
Hammuda, H. *see* Yan, T.X.J. 88165
Hammuda, H. *see* Yan, T.X.J. 109485
Hamnes, D.O., Tripathi, A. Evaluation of a local adaptive protocol for distributed discrete event simulation 67581
Hamnett, A. Fuel cells and their development 102962
Hamon, L. *see* Artigaud, S. 88597
Hamon, L. *see* Artigaud, S. 88650
Hamoniaux, G. *see* Le Blanc, C. 96229
Hamori, A. *see* Khanh, N.Q. 84068
Hamori, J. *see* Lotz, K. 83278
Hamouda, R.M., Badr, M.A., Alolah, A.I. Effect of torsional dynamics on salient pole synchronous motor-driven compressors 112466
Hampe, C. *see* Aberle, A.G. 91735
Hampel, G., Kolodner, P., Gammel, P.L., Polakos, P.A., de Obaldia, E., Mankiewich, P.M., Anderson, A., Slattery, R., Zhang, D., Liang, G.C., Shih, C.F. High power failure of superconducting microwave filters: investigation by means of thermal imaging 83343
Hampel, W. *see* Cribier, M. 110538
Hamplova, V. *see* Kodymova, J. 116325
Hampshire, D.P. *see* Friend, C.M. 64519
Hampton, B.F. *see* Judd, M.D. 71593
Hamrich, C.A. *see* Gallagher, S. 71965
Hamrock, B. *see* Hsiao, H.-S.S. 75216
Hamrock, B.J. *see* Hsiao, H.-S.S. 75217
Hamrouni, Z. Hierarchical feature grouping for stereo matching 77436
Hamshima, T. *see* Inazaki, K. 109653
Hamsink, W. *see* Brauksiepe, S. 100815
Hamstad, M.A. On use of piezoelectric polymers as wideband acoustic emission displacement sensors for composites 113610
Hamstad, M.A. *see* Downs, K.S. 113589
Hamstad, M.A. *see* Downs, K.S. 113622
Hamura, Y. *see* Kuroda, T. 104515
Hamza, A.-S.H.A. Application of surge arresters for the protection of SF_6 substations 121808
Hamza, A.-S.H.A., Abdel-Gawad, N.M.K. Digital computer computation and analysis of gas insulated substation overvoltages 71602
Hamza, A.-S.H.A., Abdel-Gawad, N.M.K. Single-phase motors fault current contribution to the electrical power system 121478
Hamza, A.-S.Hafiz A. *see* Hafiz A. Hamza, A.-S.
Hamza, M.H. *see* Pham, H. *(editor)* 60388
Hamzah, A.A. *see* Amin, A.A. 73325
Hamzaoui, R. Decoding algorithm for fractal image compression 87178
Han, A.-C. *see* Wojtowicz, M. 105905
Han, B. *see* Sullivan, L.A. 72887
Han, B.J. *see* Dromgooole, D. 61652
Han, B.M., Karady, G.G. New combined power-conditioning system for superconducting magnetic energy storage 121910
Han, B.M., Kim, S.Y., Jo, J.H., Chang, S., Choi, J.H., Lee, J.Y. The influence of atomic bombardment on ZnO thin films prepared by an RF planar magnetron 61347
Han, B.M. *see* Choi, B.W. 84761
Han, C.B. *see* Wu, J. 63088
Han, C.K. *see* Hwang, S.W. 106085
Han, C.M. *see* Park, J.T. 77799
Han, D.H. Structural, magnetic properties and steep magnetoresistance change with low saturation magnetic fields in Co/Ni multilayer thin films 115551
Han, D.H. *see* Kwon, M. 100689
Han, E.C. *see* Wanke, C.R. 70395
Han, E.M., Do, L.M., Yamamoto, N., Fujihira, M. Crystallization of organic thin films for electroluminescent devices 85303
Han, E.M. *see* Do, L.M. 85304
Han, H., Freeman, P.N., Hobson, W.S., Dutta, N.K., Lopata, J., Wynn, J.D., Chu, S.N.G. High-speed modulation of strain-compensated InGaAs-GaAsP-InGaP multiple-quantum-well lasers 96383
Han, H., Schramm, J.E., Mathews, J., Boudreau, R.A. Micromachined silicon structures for single mode passive alignment 82266
Han, H. *see* Dutta, N.K. 76030
Han, H. *see* Lee, J.W. 94724
Han, H. *see* Vakhshoori, D. 65340
Han, H.C. *see* Sun, Y. 65707
Han, I.K., Woo, D.H., Kim, H.J., Kim, E.K., Lee, J.I., Kim, S.H., Kang, K.N., Lim, H., Park, H.L. Thermal stability of sulfur-treated InP investigated by photoluminescence 114961
Han, I.T. *see* Kim, S.H. 113460
Han, J. *see* Chu, C.C. 96240
Han, J. *see* Gunshor, R.L. 75942
Han, J. *see* Kozlov, V. 63061
Han, J. *see* Liu, G. 82441
Han, J. *see* Nurmikko, A.V. 75955
Han, J. *see* Song, Y.-K. 107002
Han, J.-W. Construction of a heterodyne RF switch for a pulsed NMR spectrometer 104413
Han, J.H. *see* Yun, T.Y. 99570
Han, J.K., Polyzos, G.C. Networking applications of the hierarchical mode of the JPEG standard 108448
Han, J.M. *see* Lee, K.W. 107811
Han, J.R. *see* Chen, J.X. 84342
Han, K. *see* Dalal, V.L. 92901
Han, K.T. The origin of FMR parameter shift in polycrystalline $MgFe_2O_4$ ferrite spheres 84804
Han, L.K., Bhat, M., Wristers, D., Wang, H.H., Kwong, D.L. Recent developments in N_2O/NO-based ultra thin oxynitride gate dielectrics for CMOS ULSI applications 84572
Han, L.K., Rim, J., Wang, H.H., Yan, J., Kwong, D.L. High quality oxynitride gate dielectrics prepared by reoxidation of NH_3 nitrided SiO_2 and N_2O-oxide in N_2O ambient 63721
Han, L.K., Wang, H.H., Yoon, G.W., Allman, D., Kwong, D.L. Process dependence of MOSFET performance and reliability with N_2O-based furnace-grown gate oxides 63722
Han, L.K. *see* Bhat, M. 63720
Han, L.K. *see* Wristers, D. 94630
Han, L.K. *see* Yan, J. 61371
Han, M. *see* Kim, S. 87948
Han, M.-K. *see* Choi, H.-S. 113453
Han, M.-K. *see* Park, C.-M. 115223
Han, M.K. *see* Choi, H.S. 94421
Han, M.K. *see* Min, B.H. 84405
Han, M.S. *see* Kim, M.D. 105536
Han, M.S. *see* Kim, Y.J. 114914
Han, N., Freeman, P.N., Hobson, W.S., Dutta, N.K., Lopata, J., Chu, S.N.G. High-speed modulation of strain compensated modulation-doped InGaAs-GaAsP-InGaP multiple quantum well lasers 116562
Han, P. *see* Chen, H. 82610
Han, P. *see* Chen, H. 104012
Han, P. *see* Shi, Y. 83943
Han, P.G., Poon, M.C., Ko, P.K., Sin, J.K.O., Wong, H. Study of luminescent porous polycrystalline silicon thin films 64918
Han, R.Y., Messerschmitt, D.G. Asymptotically reliable transport of multimedia/graphics over wireless channels 87407
Han, S., Vaughn, M., Laskar, J., Blumenthal, D. Simulation of a subcarrier multiplexed communications system: a performance enhancement tool 88584
Han, S., Wagner, R.S. Grain boundary effects on carrier transport in undoped polycrystalline chemical-vapor-deposited diamond 62700
Han, S.G. *see* Lu, D.F. 113626
Han, S.H., Han, S.M., Kim, H.J., Kang, I.K. Soft magnetic properties of Fe-(Si_3N_4, Al_2O_3) thin films 115528
Han, S.H. *see* Kim, D.W. 108301
Han, S.M., Aydil, E.S. Study of surface reactions during plasma enhanced chemical vapor deposition of SiO_2 from SiH_4, O_2, and Ar plasma 92822
Han, S.M. *see* Han, S.H. 115528
Han, S.S., Kwon, K.H., Littlejohn, L.L. Zeros of orthogonal polynomials in certain discrete Sobolev spaces 60970
Han, S.T., Kim, H.R., Lee, C.H., Park, J.A., Jung, H.S., Kim, G.D., Kim, T.S., Park, D.C. A study on an analysis of the impedance matching efficiency of 100 GHz band waveguide-type SIS mixer 114233
Han, S.T., Kim, H.R., Lee, C.H., Park, J.A., Jung, H.S., Kim, G.D., Kim, T.S., Park, D.C. The design of 85 GHz-115 GHz band SIS mixer for observing cosmic radio waves 119347
Han, S.W. *see* Woo, S.Y. 110096
Han, T. *see* Shanjiem, Z. 72413
Han, T.-H. *see* Ryum, B.R. 84329
Han, T.S., Oishi, H. The strong converse for source coding with a fidelity criterion 117253
Han, W.-S. *see* Choi, S.-J. 105785
Han, W.Y. *see* Cole, M.W. 83976
Han, W.Y. *see* Cole, M.W. 94593
Han, W.Y. *see* Jones, K.A. 63607
Han, X., Wu, Z., Zhang, X. Automated measurement of scattering intensity 68706
Han, Y. *see* Choe, S. 78561
Han, Y.J., Yong-Jin Cho, Lambert, W.E., Bragg, C.K. Image analysis procedure for evaluation of convolution characteristics of cotton fiber and their effects on fiber strength 117615
Han, Y.K. *see* Eun Kyu Kim 63217
Han, Y.K. *see* Maeng Ho Son 104119
Han, Y.K. *see* Wang, C.H. 106348
Han, Z., Frank, P.M. Fault detection via characteristic parameter estimation 60679
Han, Z.F. *see* Lu, E.D. 114943
Han, Z.Q. Relationship between solid cones and cones with bases 82505
Han, Z.Y. *see* Jia, Y.B. 105345
Han, Z.Y. *see* Zhang, D.H. 83919
Han Aizhen *see* Li Minghua 75404
Han Bongtae *see* Bongtae Han
Han Bumsoo *see* Bumsoo Han
Han Byung-Moon *see* Byung-Moon Han
Han Chengfeng *see* Chengfeng Han
Han Chi-Moon *see* Chi-Moon Han
Han Chimoon *see* Chimoon Han
Han Chin-Chuan *see* Chin-Chuan Han
Han Ching-Chih *see* Ching-Chih Han

Han Choi Su *see* Su Han Choi
Han Chul Hi *see* Chul Hi Han
Han Dae-Hyun *see* Dae-Hyun Han
Han Daxing *see* Daxing Han
Han De Hua *see* De Hua Han
Han Dedong *see* Liang Wenbao 104587
Han Dejun *see* Dejun Han
Han Dong-Soo *see* Dong-Soo Han
Han Eun-Mi *see* Eun-Mi Han
Han Fu, Huang Fu-Quan, Wu Hong-Ao The 22 GHz solar observation system with high temporal resolution on the 13.7 m radio telescope of Purple Mountain Observatory 109846
Han Gon Kim *see* Seong Soo Choi 81257
Han Gyoon Kim, Jung Min Youn, Ju Hwan Oh, Tae Young Choi A directional defect detection in texture image using mathematical morphology 98238
Han Gyoon Kim *see* Ju Gyung Kim 77387
Han Hak-Guhn *see* Hak-Guhn Han
Han Hern Soo *see* Hern Soo Han
Han Hyun-Yong *see* Hyun-Yong Han
Han Jae Choong *see* Jae Choong Han
han Jae Hong *see* Jae Hong han
Han Jae Hyeok *see* Jae Hyeok Han
Han Jaechun *see* Jaechun Han
Han Jiaxiang, Chen Hongfang, Xu Zizong, Tang Xiaowei Properties of optical and electrical signals of self-quenching streamer mode in coexistence region 69808
Han Jiaxiang *see* Chen Hongfang 80009
Han Jin Cho *see* Nak Woong Eum 93290
Han Jin Cho *see* Young Seok Baek 104444
Han Jin Hee *see* Jin Hee Han
Han Jin-Hee *see* Jin-Hee Han
Han Jin-Man *see* Jin-Man Han
Han Jinfang, Shang Yong Space structure of classical rational grey number 92474
Han Jing-Qing *see* Jing-Qing Han
Han Jong-Hee *see* Jong-Hee Han
Han Jung *see* Jung Han
Han Ke *see* Ke Han
Han Ki Gwan *see* Ki Gwan Han
Han Ki Ho *see* Ki Ho Han
Han Ki-Chul *see* Ki-Chul Han
Han Kichul *see* Kichul Han
Han Kim Young *see* Young Han Kim
Han Kwon Chul *see* Chul Han Kwon
Han Kyoung Kim *see* Moon-Kyun Oh 87864
Han Kyu Park *see* Gi Ho Yun 76532
Han Kyu Park *see* Jae Ho Yoo 73658
Han Kyung-Hee *see* Kyung-Hee Han
Han Kyung-Koo *see* Kyung-Koo Han
Han Li *see* Li Han
Han Liang *see* Liang Han
Han Luoheng *see* Luoheng Han
Han Min Koo *see* Min Koo Han
Han Min-Koo *see* Min-Koo Han
Han Mingxiao *see* He Renmu 90925
Han Myung Soo *see* Myung Soo Han
Han Namgoong *see* Soran Ine 118431
Han Park *see* Brown, D.E. 77478
Han Park Sung *see* Sung Han Park
Han Ping *see* Chen Hao 84246
Han Ping *see* Ping Han
Han Qingquan *see* Qingquan Han
Han Ruqi *see* Ruqi Han
Han Sang-Chan *see* Sang-Chan Han
Han Sang-Sung *see* Sang-Sung Han
Han Sang-Wook *see* Sang-Wook Han
Han Sangchan *see* Sangchan Han
Han Sejin *see* Sejin Han
Han Seog Tae *see* Seog Tae Han
Han Seok Bung *see* Seok Bung Han
Han Seok Kil *see* Seok Kil Han
Han Seok Ko *see* Kyung Ho Cho 101230
Han Seok-Kil *see* Seok-Kil Han
Han Seon Gyu *see* Seon Gyu Han
Han Seong-Ho *see* Seong-Ho Han
Han Seung *see* Seung Han
Han Seung-Jo *see* Seung-Jo Han
Han Seung-Soo *see* Seung-Soo Han
Han Seung-Youp *see* Seung-Youp Han
Han Shaowei *see* Shaowei Han
Han Shuyu *see* Lei Qingquan 64121
Han Siyuan *see* Siyuan Han
Han Sung-Chul *see* Sung-Chul Han
Han Sunyoung *see* Sunyoung Han
Han Taek Sang *see* Taek Sang Han
Han Te Sun *see* Te Sun Han
Han Vinck, A.J. *see* Feng-Wen Sun 66305
Han Vinck, A.J. *see* Morita, H. 66470
Han Wang, Wee-Leng Goh Real time object tracking based on affine transformation 86640
Han Wang *see* Kaveti, S. 67456
Han Wang *see* Wei Yun Yau 86681
Han Wei *see* Wei Han
Han Weimin *see* Weimin Han
Han Xiandong *see* Chen Dongfu 111498
Han Xiandong *see* Chen Gongfu 109116
Han Yan, Shi Jiaoying A novel approach to the survivor memory management in Viterbi decoder VLSI design 61702
Han Yan, Wang Kuang, Yao Qingdong Circuit design of a 8-state 32 QAM Viterbi decoder 109908
Han Yanmei *see* Yanmei Han
Han Yingduo *see* Xiu Lincheng 111515
Han Yingduo *see* Yingduo Han
Han Yong-Tae *see* Yong-Tae Han
Han Yoon-Seok *see* Yoon-Seok Han
Han Young Su *see* Young Su Han
Han Young Tae *see* Young Tae Han
Han Young Yearl *see* Young Yearl Han
Han Young-Jin *see* Young-Jin Han
Han Young-Nam *see* Young-Nam Han
Han Young-Su *see* Young-Su Han
Han Youngnam *see* Youngnam Han
Han yue-qiu *see* Xu Jun-ku 118015
Han Yujie The application of the industrial PC bus in the performance tests of automotive brake 103096
Han Zhenghe *see* Zhenghe Han
Han Zhenxiang, Lu Jie, Qiu Jiaju Visualization in scientific computing and its application prospects in power systems 111453
Han Zhenxiang *see* Tian Jie 112111
Han Zhenxiang *see* Wen Fushuan 80793
Han Zhenxiang *see* Wen Fushuan 80933
Han Zhenxiang *see* Wu Xiaomiao 70738
Han Zhenxiang *see* Wu Xiaomiao 80869
Han Zhenxiang *see* Wu Xiaomiao 91016
Han Zhenxiang *see* Xu Enqi 90954
Han Zhenxiang *see* Xu Taishan 111452
Han Zhenxiang *see* Xu Taishan 111456
Han Zhongxu Simulation and modeling of distributed control system for thermal generation unit 91333
Han Zhou, Chang, C.H. A new dynamic bandwidth allocation scheme for ATM networks 77612
Han-Bit Kang *see* Dong-Wook Kim 97697
Han-Chang Tsai, Cheng-Kuang Liu A study of photocurrent measurement and optical illumination effects on Schottky barriers 85280
Han-Gu Kim *see* Jae-Hoon Choi 115205
Han-Ill Yoo *see* Chan-Soo Kim 121876
Han-Joon Kim, Marillier, F. Analytic minimum information deconvolution and its application to ocean bottom seismometer data 111157
Han-Kyoung Kim, Yeon-Seol Koo A domain analysis and objected-oriented design of call control software in ATM transport network 98588
Han-Kyoung Kim, Yeon-Seol Koo State-based call control domain analysis for object-oriented design 109309
Han-Kyoung Kim *see* Ho-Yong Song 108791
Han-Kyu Lee, Jae-Yeal Nam, Jin-Soo Choi, Yeong-Ho Ha Flexible VLSI architecture for block-matching motion estimation 77512
Han-kyu Park *see* Kyung-jae Kim 76606
Han-Kyu Park *see* Seon-Taek Kim 108111
Han-Kyung Kim *see* Ho-Young Song 118738
Han-Ping *see* Jinn-Chou Yoo 89323
Han-Ping *see* Kun-Wei Lin 89337
Han-Seok Lee, Yun-Sie Lim, Piu Ahn, Doo-Soo Ahn A method of hierarchical approach to design Kalman filter using single term Walsh series 97830
Han-Soo Kim, Byoung-Chan Ahn, Ik-Soo Choi, Dong-Keun Kim, Byung-Teak Lee, Joo-Heon Ahn, Kwang Ryong Oh, Won-Kuk Chung Effects of guiding layer structures on the characteristics of InGaAsP/InP strip-loaded waveguides 85043
Han-Soo Kim *see* Doo-Young Kim 94902
Han-Soo Kim *see* Jae-Hyung Kim 74764
Han-Sub Yoon *see* Jae-Hoon Choi 115205
Han-Sung Kim *see* Gwon-Jong You 82012
Han-Woong Park *see* Jin-Woo Ahn 103070
Hanabusa, M. *see* Nitta, T. 82738
Hanack, M., Segura, J.L., Spreitzer, H. New LEDs based on soluble poly(2,6-naphthylenevinylene) 116276
Hanack, M. *see* Burghard, M. 74503
Hanada, K. *see* Tada, M. 62423
Hanada, M. *see* Inoue, T. 69696
Hanada, T. *see* Yoshida, S. 75706
Hanado, H., Kumagai, H., Iguchi, T., Kozu, T., Nakamura, K., Horie, H. Calibration of an airborne multiparameter precipitation radar with an active radar calibrator 111208
Hanado, H. *see* Kumagai, H. 90788
Hanado, H. *see* Sato, K. 111206
Hanado, Y., Imae, M., Kurihara, N., Kiuchi, H., Goto, T. Crustal deformation monitoring system for the Tokyo metropolitan area. VLBI system for Key Stone Project. Observation system for KSP–VLBI. Reference signal distribution system and VLBI delay calibration system for the Key Stone Project 101525
Hanado, Y. *see* Imae, M. 101522
Hanado, Y. *see* Kurihara, N. 101545
Hanafi, H. *see* Tiwari, S. 63821
Hanafi, H. *see* Tiwari, S. 95086
Hanafi, H.I., Tiwari, S. A controlled threshold low power nano-crystal memory 84445
Hanafi, H.I., Tiwari, S., Khan, I. Fast and long retention-time nano-crystal memory 104536
Hanafusa, K. *see* Miyai, K. 81710
Hanafusa, N. *see* Udagawa, T. 101416
Hanagasaki, O. *see* Hirade, S. 94987
Hanai, M., Toda, K., Teranishi, T., Ikeda, M., Menju, S. Estimation model of leader breakdown field strength in SF_6 inhomogeneous gaps under positive lightning impulse voltage 75012
Hanai, M. *see* Inoue, T. 81526
Hanai, S., Inagaki, J., Takahashi, N., Sato, S., Miyase, T., Murase, S., Nakayama, S., Tezuka, M., Inoue, K., Kiyoshi, T., Takeuchi, T., Itoh, K., Wada, H., Maeda, H. Development of superconductor and magnet design of 40 T class hybrid magnet 96975
Hanai, S. *see* Inoue, K. 96969
Hanai, S. *see* Tezuka, M. 96976
Hanai, S. *see* Watanabe, K. 95529
Hanaizumi, O. *see* Shiraishi, K. 116097
Hanajima, R. *see* Uesaka, Y. 110798
Hanajiri, T., Katoda, T., Matsumoto, Y., Sugano, T. Trap states and their effect on the bias-voltage dependence of PL intensity in InP MIS diodes 106967
Hanaki, H. *see* Kurokawa, M. 77536
Hanaki, M. *see* Hiraki, K. 77886
Hanaki, S. *see* Ishida, H. 91142
Hanamura, C. *see* Kinoshita, Y. 68207
Hanaoka, A., Sano, S., Saraie, J. Fabrication of CdSe/ZnSe quantum well structures on glass substrates by vacuum evaporation 104107
Hanaoka, R., Nishi, T., Kohrin, T. Characteristics of creeping impulse streamers over the surface of oil-immersed PE wire 114358
Hanaoka, R. *see* Nishi, T. 70942
Hanaoka, S., Miyamoto, S., Morinaga, N. Performance of CDMA system under class-A impulsive noise environment 67562
Hanasz, M. Stray currents measurements recording. Results description 112507
Hanatani, S., Kitano, H., Shishikura, M., Tanaka, S. A strained InAlAs/InGaAs superlattice avalanche photodiode with a waveguide structure for low bias-voltage operation 64933
Hanatani, S., Nishimura, S., Matsuoka, H. Optical subsystem interconnections with large throughputs for the massively parallel computer RWC-1 85194
Hanatsuka, M., Saito, M. Componentware for network computing in the 21st century 118473
Hanawa, H. *see* Ma, D.X. 114917
Hanawa, H. *see* Shimamoto, S. 95590
Hanawa, K. Required testings to develop aerospace engines and associated propulsion test facilities 70315
Hanawa, M., Kaneko, K., Kawashimo, T., Maruyama, H. A 4.3 ns 0.3 μm CMOS 54×54 b multiplier using precharged pass-transistor logic 73289
Hanawa, S., Wachi, Y., Shibayama, K., Shibuya, J., Nakamoto, K., Kai, T., Takahata, K., Yamamoto, J., Satow, T., Motojima, O. Estimation of the superconducting joint for the forced-cooled superconducting poloidal coil for the large helical device 95571
Hanawa, S. *see* Arata, M. 95596
Hanawa, S. *see* Ono, M. 95562
Hanawa, S. *see* Takahata, K. 95516
Hanawa, T. *see* Kamon, K. 84266
Hanawa, T. *see* Miyagi, T. 114331
Hanazato, A. *see* Mitsumine, H. 109960
Hanazato, Y., Kimura, S. A highly sensitive atmospheric NO_x sensor 79315
Hanazawa, T. *see* Shirato, T. 118337
Hanazawa, T. *see* Yamada, Y. 85295
Hanbekov, E.N. *see* Bologa, A.M. 76352
Hanben Niu *see* Niu Hanben
Hance, R. *see* Pyle, R.E. 95199
Hanchek, F., Dutt, S. Node-covering based defect and fault tolerance methods for increased yield in FPGAs 93330
Hancheng Liang, Vescan, A., Kohn, E., Chin, K.K. Measurement of stress in a synthetic diamond substrate using the photoelastic method 89512
Hancke, G.P. The implementation of a least squares algorithm for estimating the frequency of a proton precession signal 108300
Hancock, C.P., Greaves, S.J., O'Grady, K., Williams, R.G., Owens, A.R. Characterisation of magnetic pigment dispersions using pulsed magnetic fields 115470
Hancock, C.P., O'Grady, K., El-Hilo, M. High speed switching in particulate magnetic recording media 106481
Hancock, C.P. *see* Greaves, S.J. 115471
Hancock, E.R., Wilson, R.C. Matching corrupted relational graphs by relaxation labelling 86819
Hancock, E.R. *see* Cross, A.D.J. 67261
Hancock, E.R. *see* Wilson, R.C. 86369
Hancock, G.C. *see* Malik, O.P. 70720
Hancock, M., Bond, I.P. The new generation of wood composite wind turbine rotor blades–design and verification 102541
Hancock, N.H. *see* Thorn, R. 72123
Hancock, P.A. *see* Scallen, S.F. 120586
Hancock, S. *see* Davies, R.D. 99700
Hancock, T., Tao Jiang, Ming Li, Tromp, J. Lower bounds on learning decision lists and trees 72440
Hand, D.P. *see* Haran, F.M. 96853
Hand, J.W. Treatment of recurrent breast cancer by microwave-induced hyperthermia and radiotherapy 80475
Hand, J.W. *see* Nussbaum, G.H. 69995
Hand, L.N., Happek, U. Photoelectric quantum efficiency of niobium for $\lambda=193$ nm and $\lambda=248$ nm 62646
Hand, M. SMT adhesives–get stuck in 94033
Hand, P.J. *see* Goldszal, A.F. 70029
Handa, H. *see* Yoshida, K. 121623
Handa, S., Yamashita, A., Oshita, S. On error probability of PSK in co-channel interference and Gaussian noise 66262
Handa, S. *see* Murata, Y. 115656
Handa, T. *see* Unno, Y. 80035
Handa, T. *see* Unno, Y. 100858
Handa, Y. *see* Kurosawa, K. 110933

Handa, Y. *see* Takahashi, K. 70242
Handa, Y. *see* Watanabe, T. 90562
Hande, B. *see* Bolland, O. 92010
Handel, P., Tichavsky, P. Frequency rate estimation based on fourth order sample moments 117519
Handel, P.H. Discussion of the conventional quantum 1/f noise source term: quantum 1/f effects in frequency standards 109979
Handel, R. Interworking of ATM with other network technologies 98371
Handen, L. *see* Taylor, J. 87622
Handerek, J. *see* Geissler, K. 62648
Handing Cao *see* Cao Handing
Handke, J., Schall, W.O., Bohm, W.L., Entress-Fursteneck, L.V., Grunewald, K., Kwirandt, R., Werner, A. Multikilowatt supersonic chemical oxygen iodine laser 116318
Handler, F. *see* Gavan, J. 99221
Handley, J.C., Dougherty, E.R. Maximum-likelihood estimation for the two-dimensional discrete Boolean model using cross-windowed observations 77352
Handley, J.C., Dougherty, E.R. Optimal nonlinear filter for signal-union-noise and runlength analysis in the directional one-dimensional discrete Boolean random set model 97843
Handlon, D. Automation in precompliance measurements: What is the right level? 97162
Hands, J.W. *see* Lemieux, L. 90515
Handschack, P., Klette, R. Evaluation of differential methods for image velocity measurement 67049
Handschin, E., Konig, D. Neutral-point connection on medium-voltage systems: physical and mathematical descriptions 121224
Handschin, E., Kubler, D. Efficient railway-power supply systems as a condition for modern railroad operation 112539
Handschin, E. *see* Blume, D. 102329
Handschin, E. *see* Castro, C.A. 111467
Handschin, E. *see* Ju, P. 70749
Handschin, E. *see* Ju, P. 90961
Handschy, M. *see* Banas, D. 89239
Handstein, A. *see* Hutten, A. 115642
Handy, E.S. *see* Lee, J.-K. 107007
Hane, B. *see* Landmark, U. 99247
Hane, E., Suzuki, E. Laser excitation of mechanical resonator sensors: self-excited vibration in Fabry-Perot interferometer 119598
Hane, K., Suzuki, K. Self-excited vibration of a self-supporting thin film caused by laser irradiation 79318
Hane, K. *see* Kumazaki, H. 79508
Hane, K. *see* Kumazaki, H. 100070
Hane, K. *see* Nakano, K. 119888
Hane, M., Ikezawa, T., Matsumoto, H. A fast Monte Carlo ion implantation simulation based on statistical enhancement technique and parallel computation 84540
Hane, M., Kinoshita, T., McVittie, J.P. Modeling of notching caused by aspect ratio dependent charging during high density plasma etching 63348
Hane, M. *see* Kinoshita, T. 106168
Hanebuchi, M. *see* Morita, K. 63105
Haneda, H. *see* Fukata, N. 94221
Haneda, I., Hakaridani, M. Technologies for personal information and intelligent tool 109270
Haneda, Y., Makino, S., Kojima, J., Shimauchi, S. Implementation and evaluation of an acoustic echo canceller using the duo-filter control system 67973
Haneda, Y. *see* Makino, S. 85887
Haneishi, H. *see* Shixin Zhou 69945
Haneishi, H. *see* Tsumura, N. 108535
Haneishi, M. *see* Matsumoto, K. 66140
Haneishi, M. *see* Yoshino, T. 79493
Hanek, H., Ansari, N. Speeding up the generalized adaptive neural filters 67082
Hanel, R., Mues, A., Sobotta, R. Description of ultrasound transducers through wave parameters 101597
Hanel, V., Thelen, W. Monitoring screws under tensile load using acoustic emission analysis 61502
Hanelt, E. *see* Schmidt, K.H. 69627
Haneman, D. *see* Kuznetsov, V.A. 74677
Haneman, D. *see* McAlpine, N.S. 62824
Haner, M. *see* Barry, R.A. 77948
Haner, M. *see* Park, N. 88564
Hanes, M.H. *see* Adam, J.D. 83307
Hanes, R. *see* Chester, A. 67662
Hanesiak, J.M., Stewart, R.E. The mesoscale and microscale structure of a severe ice pellet storm 80615
Hanestad, R.J. *see* Janzen, J.W. 84182
Haney, L.N. *see* Gertman, D.I. 81286
Haney, M. *see* Bergfeld, T. 100977
Haney, M.W., Christensen, M.P. Sliding Banyan network 68469
Haney, M.W., Christensen, M.P., Michael, R.R. Free space optoelectronic Viterbi decoder: prototype demonstration system 85201
Haney, M.W. *see* Michael, R.R. 109318
Haneyoshi, T. *see* Ohnuki, T. 71489
Hanfland, M. *see* Hammersley, A.P. 90246
Hanfland, M. *see* Hausermann, D. 89638
Hang, C.C. *see* Chen, B.M. 84727
Hang, H.-M. *see* Cheng, S.-C. 83161
Hang, H.-M. *see* Huang, K.-C. 98179
Hang, H.-M. *see* Ting, H.-C. 86535
Hang Connie *see* Connie Hang
Hang Gu Bahk A DS/SS CDMA cellular mobile infrastructure: It's fact and future prospects 99308
Hang Guoqiang *see* Wu Xunwei 73208
Hang Liu *see* Liu Hang
Hang Xin-Hong *see* Xin-Hong Hang
Hang Yin *see* Yin Hang
Hang Zhang *see* Zhang Hang
Hang-Geun Jeong *see* Sung-Chul Lee 82912
Hangari, V.U. *see* Yegna Narayanan, S.S. 111919
Hangari, V.U. *see* Yegna Narayanan, S.S. 111920
Hangartner, T.N. *see* Skipper, J.A. 70083
Hangas, J. *see* Rimai, L. 104039
Hanggi, P. *see* Zapata, I. 106690
Hangleiter, A. *see* Frankowsky, G. 75985
Hangleiter, A. *see* Knorr, C. 95837
Hangleiter, A. *see* Moritz, A. 85465
Hangleiter, A. *see* Wirth, R. 116075
Hangleiter, A. *see* Zimmermann, M. 114772
Hangleiter, A. *see* Zimmermann, R. 96426
Hangleiter, T. *see* Dietze, C. 95965
Hangleiter, T. *see* Rogulis, U. 95977
Hango, L. *see* Rindos, A. 87298
Hangseop Lee, Youngjoo Seo, Minsoo Hahn, Byeongnam Yoon Development of a speech-based menu-selection technique for the HiTEL service in Korea 97614
Hangsuk Choi *see* Soderstrand, M.A. 88167
Hangu Yeo, Yu Hen Hu A modular architecture for real time HDTV motion estimation with large search range 99760
Hanguang Shao *see* Shao Hanguang
Hangxiang Hu *see* Kato, S. 92820
Hangyo, M. *see* Tani, M. 115963
Hangyo, M. *see* Tonouchi, M. 75336
Hanias, M. *see* Kalkan, N. 75695
Hanibuchi, T., Hayakawa, Y., Suda, K., Kakinuma, M. A 0.5 μm BiCMOS gate array 73213
Hanif, M. *see* Singhal, A. 111579
Hanington, D.P. *see* Zhengrong Liang 90386
Hanington, G., Chang, C.E., Zampardi, P.J., Asbeck, P.M. Thermal effects in HBT emitter resistance extraction 94917
Haniotakis, T. *see* Voyiatzis, I. 61771
Hanisch, R.J. *see* Boden, A.F. 98027
Hanisch, R.J. *see* Mo, J. 77086
Hanish, P.D. *see* Chandhok, M. 63387
Hanitsch, R. Linear drives–a market survey 103094
Hanitsch, R., Bleyl, J.W. CHP combined heat and power–a way to improve energy efficiency 91328
Hanitsch, R. *see* Frenzell, B. 121514
Hanitsch, R. *see* Heidrich, P. 62395
Hanitsch, R. *see* Heidrich, P. 71798
Hanitsch, R. *see* Krauter, S. 103026
Hanitsch, R. *see* Quaschning, V. 102973
Hanitsch, R. *see* Quaschning, V. 112407
Hanitsch, R. *see* Van Dessel, M. 71233
Hanitsch, R. *see* Van Dessel, M. 91583
Hanjani, A. *see* Kosel, P.B. 100010
Hanjin Miao, Sforna, M., Chen-Ching Liu A new logic-based alarm analyzer for on-line operational environment 102327
Hanka, R., Harte, T.P., Dixon, A.K., Lomas, D.J., Britton, P.D. Neural networks in the interpretation of contrast-enhanced magnetic resonance images of the breast 86363
Hankare, P.P. *see* Deshmukh, L.P. 104081
Hanke, G. 10 Gbit/s byte-interleaver and deinterleaver with silicon ICs 99541
Hanke, G., Nohr, W.D. A new chip interconnection technic for ultra high-speed and millimeter-wave applications 94829
Hanke, G. *see* Kromat, O. 76747
Hanke, M. Limitations of the L-curve method in ill-posed problems 61014
Hanke, M., Raus, T. A general heuristic for choosing the regularization parameter in ill-posed problems 92595
Hanke, P. *see* Braunschweig, W. 120173
Hanke, U., Chao, K.A., Galperin, Yu.M. Optimization of charge sensitivity of a single electron tunneling transistor with a superconducting grain 95082
Hanke, U., Gisselfalt, M., Chao, K.A. Photon-assisted parity change and Andreev tunneling 95509
Hankey, T.D. *see* Paduschek, P. 89526
Hanks, A.L. Spy technology and the new space race 80542
Hanks, L., Cytron, R.K., Gillett, W. On finding topologically valid matchings in restriction-fragment maps 87197
Hankui, E. *see* Kotsuka, Y. 120496
HanKyu Park *see* YongKook Lee 76653
Hanle, E. Polarimetric suppression of clutter at off-broadside directions 68608
Hanley, D.F. *see* Braun, J.C. 101380
Hanley, D.F. *see* Goel, V. 120436
Hanley, J. *see* Jia-Zhu Wang 80451
Hanley, K.L. *see* Lowry, R.K. 60567
Hanley, K.L. *see* Lowry, R.K. 92276
Hanley, P.J. *see* Kollberg, S.G. 122102
Hanlon, A., Krueger, M. A solventless, primerless coatings option 62481
Hanly, S.V., Whiting, P.A. Interference cancellation in groups 65883
Hanmer, J. *see* Lester, G. 95859
Hanmin Shi *see* Cao Wei 75063
Hanmin Zhao *see* Major, J. 65251
Hanna, B., Dinkel, J., Jensen, C., Qunell, D., Reilly, R., Tinsley, D., Walton, J. A new fast rise time kicker system for antiproton injection into the Tevatron 100714
Hanna, D.C. *see* Butterworth, S.D. 107220
Hanna, D.C. *see* Butterworth, S.D. 107608
Hanna, D.C. *see* Clarkson, A. 65153
Hanna, D.C. *see* Clarkson, W.A. 75896
Hanna, D.C. *see* Martin, K.I. 65388
Hanna, D.C. *see* Martin, K.I. 75897
Hanna, D.C. *see* Pruneri, V. 96674
Hanna, D.C. *see* Sturman, B. 107489
Hanna, D.C. *see* Yang Hongru 65150
Hanna, H. *see* Vandenberg, J. 80341
Hanna, J., Ohuchi, T., Yamamoto, M. Direct fabrication of SiGe crystallites on glass substrate: from nanocrystals to microcrystals 92875
Hanna, J., Shimizu, I. Materials in active-matrix liquid-crystal displays 100250
Hanna, K. *see* Kumar, R. 69937
Hanna, K. *see* Kumar, R. 77309
Hanna, M.T. Weighted least squares design of two-dimensional zero-phase FIR filters in the continuous frequency domain 83241
Hanna, M.T. Design of circularly symmetric two-dimensional linear-phase low-pass FIR filters using closed-form expressions 83242
Hanna, M.T. Weighted least squares design of two-dimensional zero-phase FIR filters in the continuous frequency domain 114124
Hanna, S.M., Bowden, G.B., Hoag, H.A., Loewen, R., Vlieks, A.E., Wang, J.W. A semi-automated system for the characterization of NLC accelerating structures 89716
Hanna, V.F. *see* Guillouard, K. 83353
Hanna, V.F. *see* Guillouard, K. 85940
Hanna, V.F. *see* Wong, M.F. 73647
Hanna, V.Fouad *see* Fouad Hanna, V.
Hannah, A. Electrical field measurements on an EPRI 2 pole, 20 hp Written Pole motor 71259
Hannah, J.M. *see* Yoo-Sok Saw 117740
Hannah, P., Warren, J.G. Comparison of windspeed modelling techniques at existing and potential wind farm sites across the UK 102564
Hannah, P. *see* Warren, J.G. 102537
Hannan, W. *see* Calvin, H. 106718
Hannan, W. *see* Deis, G. 106719
Hanne, G.F. *see* Mulhollan, G. 90109
Hanni, W. *see* Niedermann, P. 82744
Hanni, W. *see* Pupeter, N. 74030
Hanni, W. *see* Pupeter, N. 83706
Hanning, C.D. *see* Goodyer, P.D. 70045
Hannoe, S., Hosaka, H. Characteristics of electrical contacts used for microrelays–development of measurement apparatus and resistance measurement of ultra low force contacts 114367
Hannon, D.J. New roles for aeronautical charts through electronic display media 70374
Hannon, S.M., Clark, T.L. Lidar measurement of windshear and turbulence and comparison with a predictive fine-mesh mesoscale model 120613
Hannon, S.M. *see* Frehlich, R. 80642
Hannon, T. *see* Woolner, L. 101771
Hano, M. The non-cubic-cell time-domain method and its application to eigenvalue problems 107994
Hano, M., Itoh, T. Three-dimensional time-domain method for solving Maxwell's equations based on circumcenters of elements 65787
Hanover, D. *see* Foster, K.R. 70300
Hanqi Zhuang, Sudhakar, R., Roth, Z.S. A new method for pose fitting from two 3D point sets and its application to robot localization 77527
Hanqing, Y., Jianguo, W., Yusheng, C., Ruyu, F. Numerical simulation method of microwave pulse couplings into narrow slots 76526
Hanqing Zhu *see* Zhu Hanqing
HanQun Shangguan, Casperson, L.W., Shearin, A., Gregory, K.W., Prahl, S.A. Drug delivery with microsecond laser pulses into gelatin 101079
Hans, F. *see* Evert, A. 101871
Hans, H.A., Khatri, F.I., Wong, W.S., Ippen, E.P., Tamura, K.R. Interaction of soliton with sinusoidal wave packet 65527
Hans, V.K. *see* Tandon, R.P. 120327
Hansch, T.W. *see* Zimmermann, C. 96210
Hansdah, R.C. *see* Prahlada Rao, B.B. 95130
Hansel, S.J. *see* Koga, R. 73390
Hansel, S.J. *see* Koga, R. 104556
Hansel, S.J. *see* Nichols, D.K. 63854
Hansen, B.J. *see* Shaukatullah, H. 103448
Hansen, C.J., Pottie, G.J. Distributed access control in wireline and wireless systems 68128
Hansen, D. *see* Sundaram, R. 86972
Hansen, G. *see* Syroid, D. 89333
Hansen, H. *see* Bruckmeier, R. 116671
Hansen, H. *see* Schneider, K. 107613
Hansen, H.E. *see* Kulys, J. 69330
Hansen, J. Breaking the 186's 1 MByte address barrier 61919
Hansen, J.Bindslev *see* Bindslev Hansen, J.
Hansen, J.H.L., Womack, B.D. Feature analysis and neural network-based classification of speech under stress 86153
Hansen, J.H.L. *see* Arslan, L.M. 97639
Hansen, J.L. *see* Lu, X.-Q. 70202
Hansen, J.Lundsgaard *see* Lundsgaard Hansen, J.
Hansen, J.P., Sekine, M. Synthesis by spectral translation using Boolean decision diagrams 83069
Hansen, J.P. *see* Sletten, M.A. 68625

Hansen, J.S., Reich, T., Andersen, B. Semi-connected TCP/IP in a mobile computing environment 78096
Hansen, J.S. *see* Garlick, D.S. 108649
Hansen, J.S. *see* Larsen, M.F. 108650
Hansen, J.S. *see* Wada, G.H. 110070
Hansen, L. *see* Schirber, J.E. 75320
Hansen, L.T., Taboryski, R., Smith, A., Lindelof, P.E., Hedegard, P. Magnetoresistance of a two-dimensional electron gas in random magnetic fields 105262
Hansen, M., Anandan, P., Dana, K., van der Wal, G., Burt, P. Real-time scene stabilization and mosaic construction 77133
Hansen, M. *see* DeFries, R. 111318
Hansen, M. *see* George, P.K. 115727
Hansen, M.H., Nair, V.N. Process and productivity improvement in semiconductor manufacturing 115270
Hansen, O., Schwarzfischer, St. Incorporation of a 25 MW gas turbine into an existing power station employing the existing generator 91356
Hansen, O. *see* Bay, J. 88986
Hansen, O.P., Olsen, J.S., Kraak, W., Saffian, B., Minina, N.Ya., Savin, A.M. Effect of uniaxial compression on quantum Hall plateaus and Shubnikov-de Haas oscillations in p-type $GaAs/Al_xGa_{1-x}As$ heterostructures 94484
Hansen, O.P. *see* Petersen, C.L. 62832
Hansen, O.P. *see* Petersen, C.L. 114707
Hansen, P. Real-time GPS carrier phase navigation 88772
Hansen, P., Keh-Wei Lih Heuristic reliability optimization by tabu search 82323
Hansen, P.B., Eskildsen, L. Long-haul repeaterless undersea lightwave systems 68395
Hansen, P.B., Eskildsen, L., Grubb, S.G., Vengsarkar, A.M., Korotky, S.K., Strasser, T.A., Alphonsus, E.J., Veselka, J.J., DiGiovanni, D.J., Peckham, D.W., Truxal, D. 442 km repeaterless transmission in a 10 Gbit/s system experiment 68498
Hansen, P.B., Eskildsen, L., Grubb, S.G., Vengsarkar, A.M., Korotky, S.K., Strasser, T.A., Alphonsus, J.E.J., Veselka, J.J., DiGiovanni, D.J., Peckham, D.W., Truxal, D., Cheung, W.Y., Kosinski, S.G., Wysocki, P.F. Unrepeatered WDM transmission experiment with 8 channels of 10 Gb/s over 352 km 88615
Hansen, P.B., Eskildsen, L., Koren, U., Miller, B.I., Young, H.C., Dreyer, K.J. SBS suppression using a temperature wavelength-modulated laser diode with low residual AM 85499
Hansen, P.B. *see* Eskilden, L. 109617
Hansen, P.B. *see* Eskildsen, L. 78688
Hansen, P.B. *see* Eskildsen, L. 85519
Hansen, P.L., Pedersen, C., Buchhave, P., Skettrup, T. Frequency tuning and stability of $Nd:YVO_4$ in a dual coupled cavity 75894
Hansen, R. *see* Mrig, L. 112354
Hansen, R. *see* Strand, T. 103029
Hansen, R. *see* Strand, T. 112383
Hansen, R.C. Dolph-Chebyshev array directivity versus spacing 76633
Hansen, R.C. Early computational electromagnetics 85790
Hansen, S. *see* Figueroa, M. 77592
Hansen, S.B., Slater, A.D., Rodriguez, C.A., Spinale, F.G., Santamore, W.P. Examination of epimysial leads used to stimulate the latissimus dorsi muscle 70234
Hansen, S.B. *see* Bruckbauer, T. 90431
Hansen, T., Smock, R. Gas turbines aim at world power market dominance 102465
Hansen, T.B. *see* Shore, R.A. 107839
Hansen, U. Restructuring the East German energy system 101990
Hansen, V. *see* Eibert, T.F. 97218
Hansen, V. *see* Vaupel, T. 82825
Hansen, V.N., Evans, P.M., Swindell, W. The application of transit dosimetry to precision radiotherapy 80449
Hansen, W., Schmerek, D., Drexler, H. Quantum wires and quantum dots in heterojunction devices with field-effect electrodes 83936
Hansen, W. *see* Schmeller, A. 62920
Hansen, W.L. *see* Brundermann, E. 75934
Hansford, W. *see* Peltier, J. 62526
Hansford, W. *see* Peltier, J. 83673
Hanshen Cai *see* Cai Hanshen
Hansheng Peng *see* Peng Hansheng
Hansl-Kozanecka, T. *see* Mours, B. 120196
Hansler, E. The hands-free telephone problem: a second annotated bibliography update 67706
Hansman, R.J. *see* Pritchett, A. 70348
Hansman, R.J. *see* Pritchett, A. 70360
Hansman, R.J., Jr. *see* Vakil, S.S. 70356
Hanson, A. *see* Beveridge, J.R. 68705
Hanson, A. *see* Ravela, S. 77324
Hanson, A.R. *see* Cheng, Y.-Q. 86498
Hanson, A.R. *see* Riseman, E.M. 67470
Hanson, A.R. *see* Williams, L.R. 98046
Hanson, A.R. *see* Xiaoguang Wang 86390
Hanson, A.R. *see* Yong-Qing Cheng 77313
Hanson, A.R. *see* Zhongfei Zhang 77322
Hanson, C.M. *see* Leibovitch, M. 114712
Hanson, D.L., Olson, C.L., Poukey, J.W., Shokir, I., Cuneo, M.E., Menge, P.R., Johnston, R.R., Welch, D.R. Self-pinched lithium beam transport experiments on SABRE 110514
Hanson, D.L. *see* Cuneo, M.E. 69683
Hanson, D.L. *see* Menge, P.R. 120122
Hanson, E. *see* Ponnekanti, S. 82730
Hanson, G. *see* Adams, D. 69840
Hanson, G.W. Complex media microstrip ridge structures: formulation and basic characteristics of ferrite structures 107984
Hanson, J.M., Zhi-Pei Liang, Wiener, E.C., Lauterbur, P.C. Fast dynamic imaging using two reference images 101303
Hanson, M. *see* Che, F.N. 80331
Hanson, M.E. Imaging standards in the national breast screening programme 80321
Hanson, R.C. *see* Levine, E.R. 90835
Hanson, S.B. *see* Davis, B.L. 80195
Hanson, S.G., Lading, L. Generics of systems for measuring linear and angular velocities of solid objects 107682
Hanson, S.G. *see* Yura, H.T. 107683
Hanson, S.G. *see* Yura, H.T. 116788
Hanson, T., Bouchefra, K., Riley, B. Parallel processing of an adaptive antenna array 97359
Hanson, T.A. Elements of quality control 64680
Hanssens, E., Legat, J.-D. A parallel processor for motion estimation 87159
Hanssler, R., Schweiberger, P. B84299 series of EMC power filters: Reduced size and cost, easier installation 85884
Hanssler, R. *see* Gerstner, A. 88148
Hansson, B. *see* Almgren, M. 78528
Hansson, G.V. *see* Buyanova, I.A. 62959
Hansson, G.V. *see* Chen, J.X. 84342
Hansson, G.V. *see* Radamson, H.H. 113329
Hansson, G.V. *see* Radamson, H.H. 114696
Hansson, G.V. *see* Shen, G.D. 84339
Hansson, M., Gansler, T., Salomonsson, G. Estimation of single event-related potentials utilizing the Prony method 110842
Hansson, P. *see* Wei, L. 67863
Hansson, U., Aulin, T.M. Soft information transfer for sequence detection with concatenated receivers 108382
Hansson, U. *see* Bjorkman, N. 77611
Hansson, U. *see* Bjorkman, N. 77656
Hansuk Kim *see* Desilva, M. 63973
Hanta, N. *see* Higeta, K. 61887
Hanta, N. *see* Higeta, K. 113943
Hantao Ji *see* Ji Hantao
Hantila, F., Gheorma, I., Demeter, E., Ioan, D., Trambitas, C. Electromagnetic circuit element: 3D FEM analysis 104256
Hantila, F. *see* Ioan, D. 96906
Hantila, F.I. *see* Albanese, R. 65692
Hantila, I.F. *see* Enache, R. 116933
Hantman, B., LaBelle, J., Siarkiewicz, K. Overview of the research and engineering framework (REF) for computational electromagnetics 65599
Hantsche, R. *see* Fechner, T. 98032
Hantschel, J. *see* Blume, D. 70867
Hanuise, C. *see* Villain, J.P. 80627
Hanuliak, I., Barwald, W. VSDS Zilina hybrid computer network 78075
Hanus, F., Jadin, A., Laude, L.D. Pulsed laser deposition of high quality ITO thin films 92919
Hanus, F. *see* Izquierdo, R. 92927
Hanusch, T. *see* Jentschel, H.-J. 98603
Hanwook Jung *see* Tonguz, O.K. 78921
Hanyi Ding *see* Ding Hanyi
Hanyi Zhang *see* Zhijian Zhang 78949
Hanyi Zhang *see* Zhang Hanyi
Hanying Zhou *see* Feng Zhao 115978
Hanyu, T., Arakaki, M., Kameyama, M. Quaternary universal-literal CAM for cellular logic image processing 73399
Hanyu, T., Kanagawa, N., Kameyama, M. One-transistor-cell multiple-valued CAM for a collision detection VLSI processor 73396
Hanyu, T. *see* Sheikholeslami, A. 73398
Hanzal, B. *see* Bristow, J. 85340
Hanzawa, H. *see* Shams-Kolahi, W. 114655
Hanzawa, S. *see* Yokoo, K. 74049
Hanzawa, S. *see* Yokoo, K. 83714
Hanzlicek, D. *see* Sikula, J. 93949
Hanzo, L., Lucas, R., Woodard, J. Automatic repeat request assisted cordless telephony 68313
Hanzo, L. *see* Streit, J. 67987
Hanzo, L. *see* Streit, J. 109286
Hanzo, L. *see* Torrance, J.M. 76704
Hanzo, L. *see* Torrance, J.M. 108109
Hanzo, L. *see* Torrance, J.M. 118769
Hanzo, L. *see* Woodard, J.P. 109285
Hanzo, L. *see* Yuen, H. 78443
Hanzo, L. *see* Yuen, H. 86066
Hao, C.P. *see* Chao, T.S. 106028
Hao, L., Macfarlane, J.C., Pegrum, C.M. Excess noise in $YBa_2Cu_3O_7$ thin film grain boundary Josephson junctions and devices 95500
Hao, P.H., Wang, L.C., Chang, J.C.P., Kuo, J.M. Shallow Si/Pd-based ohmic contacts to n type $Al_{0.5}In_{0.5}P$ and $Ga_{0.5}In_{0.5}P$ 105445
Hao, P.H., Wang, L.C., Fei Deng, Lau, S.S., Cheng, J.Y. On the low resistance Au/Ge/Pd ohmic contact to n-GaAs 63099
Hao, P.H. *see* Wang, L.C. 63100
Hao, P.H. *see* Xun Wang 63301
Hao, W. *see* Adam, W. 69709
Hao, W. *see* Adam, W. 69732
Hao, W. *see* Agasi, E. 69729
Hao Chang *see* Chang Hao
Hao Chen *see* Chen Hao
Hao Jiankang, Zhang minglian, Wen Chuanyuan Airborne target state estimator 80733
Hao Jie *see* Jie Hao
Hao Jin *see* Jin Hao
Hao Jin-Kao *see* Jin-Kao Hao
Hao Lin Yung *see* Yung Hao Lin
Hao Ling Joint time-frequency analysis of electromagnetic backscattered data 88675
Hao Ling *see* Hyeongdong Kim 116855
Hao Ling *see* Trintinalia, L.C. 88676
Hao Lu Chieh *see* Chieh Hao Lu
Hao Maosheng *see* Maosheng Hao
Hao Min *see* Min Hao
Hao Qu Zhi *see* Qu Zhi Hao
Hao Ruibing, Xu Mingwei, Zhang Zhihao, Liu Fangqiu, Wu Jianping Implementation and application of distributed test method in protocol testing 98489
Hao Ruibing *see* Ruibing Hao
Hao Shi, Drewniak, J.L. Dispersion comparison for DSI- and tensor-based nonorthogonal FDTD 60998
Hao Sun *see* Sun Hao
Hao Tang, Lin, H.C. Multi-valued decoder based on resonant tunneling diodes in current tapping mode 73321
Hao Wang *see* Wang Hao
Hao Wei-Da *see* Wei-Da Hao
Hao Wu, RongLin Liou, McCurdy, A.H. PIC code simulation of pulsed radiation in a tapered closed-cavity gyrotron 105040
Hao Yi *see* Yi Hao
Hao Ying *see* Chih-Wei Chang 110690
Hao Yudong *see* Wang Yutian 79497
Hao Yue, Gue Runqiu A method of optimal DCTT statistical tolerance assignment [IC design] 63861
Hao Yuquan *see* Yuquan Hao
Hao Zhao *see* Chen Xiaobo 65432
Hao Zhou *see* Zhou Hao
Hao-cai Wang *see* Wang Hao-cai
Hao-Hsiung Lin *see* Jin-Shung Liu 103898
Hao-Hsiung Lin *see* Tsuen-Lin Lee 84307
Haocai Wang *see* Wang Haocai
Haodong Shen *see* Shen Haodong
Haojun Xi *see* Zhigang Zhu 108619
Haomin Wu, Perkowski, M.A., Xiaoqiang Zeng, Nan Zhuang Generalized partially-mixed-polarity Reed-Muller expansion and its fast computation 117157
Haond, M., Colinge, J.-P. Silicon-on-insulator technology for microelectronics 95179
Haond, M. *see* Bravaix, A. 63669
Haond, M. *see* Sallagoity, P. 84573
Haor, M. *see* Knepper, S. 89557
Haosheng Fei, Yanlong Che, Qiguang Yang, Zhenqian Wei, Li Han, Yanqiang Yang, Guijuan Sun, Xunying Shan, Juzheng Liu Novel phenomena in new azo-dye-doped polymer films via degenerate four wave-mixing geometry 116676
Haouat, G., Pichoff, N., Couillaud, C., De Brion, J.P., Di Crescenzo, J., Joly, S., Loulergue, A., Ruiz, C., Seguin, S., Striby, S. Halo of a high-brightness electron beam 89994
Haouat, G. *see* Beauvais, P.-Y. 89995
Haouat, G. *see* Dowell, D.H. 96491
Haouat, G. *see* Joly, S. 110476
Haoues Sassene, D. *see* Olgaard, C. 104700
Haozhong Cheng *see* Cheng Haozhong
Haozhuan Lin *see* Yanwei Ma 106670
Hapeman, M.J. The development of diesel electric locomotives 71841
Hapiot, J.C. *see* Ghazel, A. 102695
Hapke, P., Luysberg, M., Carius, R., Tzolov, M., Finger, F., Wagner, H. Structural investigation and growth of $\langle n\rangle$-type microcrystalline silicon prepared at different plasma excitation frequencies 92878
Happ, L., Kappra, K.A., Ressler, M.A., Sichina, J.P., Sturgess, K., Le, F. Low-frequency ultra-wide-band synthetic aperture radar 1995 BoomSAR tests 109769
Happ, M. *see* Heimbrodt, W. 74231
Happ, T. *see* Kroell, T. 69764
Happek, U. *see* Amirmadhi, F. 96488
Happek, U. *see* Hand, L.N. 62646
Happel, R., Stadler, P.F. Canonical approximation of fitness landscapes 117107
Haq, M. *see* Finley, D.W. 92249
Haq, S.M.Ul *see* Ul Haq, S.M.
Haq Ejaz *see* Ejaz Haq
Haq Tanveer Ul *see* Tanveer Ul Haq
Haque, A., Khondker, A.N. On the conductance and the conductivity of disordered quantum wires 114768
Haque, A.S., Moore, D. Optimization of surface preparation for direct silicon-silicon bonding 84199
Haque, M. *see* Khaled, M.A. 110846
Haque, M.H. Load flow solution of distribution systems with voltage dependent load models 102079
Haque, M.H. Novel method of finding the first swing stability margin of a power system from time domain simulation 120971
Haque, M.S., Naseem, H.A., Brown, W.D. Aluminum-induced crystallization and counter-doping of phosphorous-doped hydrogenated amorphous silicon at low temperatures 74093
Haque, M.S., Naseem, H.A., Brown, W.D. Stress in high rate deposited silicon dioxide films for MCM applications 94153

Haque, M.S., Naseem, H.A., Brown, W.D. Aluminum-induced degradation and failure mechanisms of a-Si:H solar cells 103025
Har Dongsoo *see* Dongsoo Har
Har-Lev, Y. Vive le customer! [product selection for network management] 98576
Hara, A. *see* Aoki, M. 114584
Hara, H., Hoshi, Y., Yuta, H., Abe, K., Suekane, F., Neichi, M., Katayama, J., Nakajima, T., Masuda, K., Kawamura, N. A study of energy resolution in a gridded ionization chamber filled with tetramethylsilane and tetramethylgermanium 100880
Hara, H., Matsui, M., Otomo, G., Seta, K., Sakurai, T. Special and embedded memory macrocells for low-cost and low-power in MPEG environment 93354
Hara, H. *see* Miwa, T. 73348
Hara, H. *see* Mukai, J. 85116
Hara, H. *see* Parameswar, A. 73202
Hara, K., Ishii, S., Takahashi, H., Kume, N., Seki, K. Digital service unit for high-speed data leased circuit services 118701
Hara, K., Iwamoto, T., Kyuma, K. Optimum design technique for optoelectronic devices using simulated annealing 64995
Hara, K., Maekoba, H., Minato, H., Miyamoto, Y., Nakano, I., Okabe, M., Seiya, Y., Takano, T., Takikawa, K., Yasuoka, K. Design of a 2×2 scintillating tile package for the SDC barrel electromagnetic tile/fiber calorimeter 80005
Hara, K., Yamamoto, K., Eguchi, Y., Usui, M., Munekata, H., Kukimoto, H. Optical properties of wide bandgap ZnHgSSe layers grown by molecular beam epitaxy 74158
Hara, K., Zha, H.B., Nagata, T. Contour segmentation by using an extended Koch neural network 97991
Hara, K. *see* Higuchi, M. 77769
Hara, K. *see* Honda, T. 94680
Hara, K. *see* Horiuchi, K. 101878
Hara, K. *see* Inoue, K. 74177
Hara, K. *see* Kimura, H. 85368
Hara, K. *see* Kobayashi, R. 65213
Hara, K. *see* Kumar, R. 75984
Hara, K. *see* Sano, Y. 74821
Hara, K. *see* Suzuki, T. 63709
Hara, K. *see* Terashima, M. 81947
Hara, K. *see* Tokura, N. 63612
Hara, K. *see* Tokura, N. 105718
Hara, K. *see* Tokura, N. 105718
Hara, M. Digital formats polish capabilities of home camcorders 88851
Hara, M., Miyama, M., Irie, F., Tsutsumi, K. A study of electrical insulation design for pool boiling helium cooled superconducting coils 95603
Hara, M., Miyama, M., Irie, F., Tsutsumi, K., Satow, K., Gerhold, J., Telser, E. Insulation design philosophy of superconducting coils for electric power apparatus and a case study for KEPCO's SMES 81921
Hara, M. *see* Choi, B.-J. 75372
Hara, M. *see* Hori, K. 83563
Hara, M. *see* Miyama, M. 75015
Hara, M. *see* Miyama, M. 95608
Hara, M. *see* Suehiro, J. 75010
Hara, M. *see* Suehiro, J. 115399
Hara, M. *see* Tsuchiya, R. 115655
Hara, M. *see* Wang, Z.-C. 75009
Hara, M. *see* Watanabe, M. 121811
Hara, M. *see* Yoshida, K. 75227
Hara, S., Mouri, M., Okada, M., Morinaga, N. Transmission performance analysis of multi-carrier modulation in frequency selective fast Rayleigh fading channel 77014
Hara, S., Ogino, A., Araki, M., Okada, M., Morinaga, N. Throughput performance of SAW-ARQ protocol with adaptive packet length in mobile packet data transmission 99233
Hara, S., Prasad, R. DS-CDMA, MC-CDMA and MT-CDMA for mobile multi-media communications 108814
Hara, S., Tsukada, T., Ito, M. The conditions to apply the phase corrected filter to traced profiles for roughness profiles. I. Application of the Gaussian high-pass digital filter 89497
Hara, S., Tsukada, T., Ito, M. The conditions to apply the phase corrected filter to traced profiles for roughness profiles. II. Application of the Gaussian low-pass digital filter to derivation of Δ_q 119880
Hara, S. *see* Dlodlo, M.E. 78475
Hara, S. *see* Kasahara, H. 109411
Hara, S. *see* Nohara, M. 78606
Hara, S. *see* Ohkuri, K. 62738
Hara, S. *see* Teraji, T. 105475
Hara, S. *see* Wannsarnmaytha, A. 78615
Hara, T. Development of compact movement of AGS 73508
Hara, T., Couprie, M.E., Billardon, M. Temporal and spectral evolution of a storage ring FEL source: experimental results on Super-ACO and new theoretical approach 96477
Hara, T., Couprie, M.E., Garzella, D., Nahon, L., Marsi, M., Bakker, R., Billardon, M. Progress of the Super-AGO storage ring free electron laser in the UV as a source for users 76048
Hara, T., Hiraiwa, N., Hirotsu, K., Fukunaga, S. Detection of partial discharges in power cables by neural network 102162
Hara, T., Onda, T., Kakizaki, Y., Oshima, S., Kitamura, T., Kajiyama, K., Yoneda, T., Sekine, K., Inoue, M. Delaminations of thin layers by high dose hydrogen ion implantation in silicon: formation of thin silicon on insulator silicon layers 114825
Hara, T., Sone, J., Chiyokura, H. Interactive 3D modeling system with range data 117609
Hara, T., Yamamoto, O. Modelling of a transmission tower for lightning-surge analysis 70940
Hara, T., Yamamoto, O., Kitagawa, M., Ono, S. Multi-phase flashover analysis of transmission tower when struck by lightning 91209
Hara, T. *see* Balachandran, U. 91234
Hara, T. *see* Couprie, M.E. 107397
Hara, T. *see* Fujikami, J. 91187
Hara, T. *see* Himeshima, I. 75239
Hara, T. *see* Igasaki, Y. 85132
Hara, T. *see* Ishii, H. 84860
Hara, T. *see* Ishii, H. 95446
Hara, T. *see* Kikuchi, H. 91188
Hara, T. *see* Kobayashi, S. 68102
Hara, T. *see* Matsubara, I. 102197
Hara, T. *see* Miura, O. 102178
Hara, T. *see* Morimoto, H. 95604
Hara, T. *see* Okabe, S. 121543
Hara, T. *see* Sekioka, S. 111592
Hara, T. *see* Tasaki, K. 102263
Hara, T. *see* Toyoda, H. 87245
Hara, T. *see* Watanabe, Y. 61898
Hara, T. *see* Watanabe, Y. 93381
Hara, T. *see* Yamamoto, K. 91233
Hara, T. *see* Yamamoto, O. 81127
Hara, T. *see* Yamamoto, O. 94184
Hara, T. *see* Yamazaki, Y. 113659
Hara, T. *see* Yazawa, T. 102053
Hara, T. *see* Yoshida, N. 85131
Hara, Y., Doi, H., Karasaki, K., Iida, T., Minatani, N., Nohara, M. Modulation compensation of detected circuit pattern signals 60581
Hara, Y., Morikawa, H., Mizumachi, M. Multipath fading effects on the performance of wideband CDMA systems 68269
Hara, Y. *see* Suzuki, J. 76888
Hara, Y. *see* Yuasa, K. 112596
Harada, E., Patel, J.H. Overhead reduction techniques for hierarchical fault simulation 61836
Harada, H. *see* Kobayashi, M. 83771
Harada, H. *see* Ogino, S. 105623
Harada, H. *see* Tada, K. 94916
Harada, K., Anan, F., Yamasaki, K., Jinno, M., Kawata, Y., Nakashima, T., Murata, K., Sakamoto, H. Intelligent transformer 121545
Harada, K., Itoh, M., Yatagai, T. Development of spatial light modulators with nonlinear organic materials 85097
Harada, K., Noguchi, A. Reconstruction of two dimensional rough surface with Gaussian beam illumination 116871
Harada, K., Tanaka, H., Matsubara, J., Shimanuki, Y., Furuya, H. Origins of metal impurities in single-crystal Czochralski silicon 62697
Harada, K. *see* Hinamoto, T. 83220
Harada, K. *see* Ishii, M. 100808
Harada, K. *see* Kobayashi, M. 69829
Harada, K. *see* Kobayashi, M. 80004
Harada, K. *see* Miyaoku, K. 82528
Harada, K. *see* Nagao, M. 81557
Harada, K. *see* Nagao, M. 121667
Harada, K. *see* Nakamitsu, T. 70085
Harada, K. *see* Ninomiya, K. 102850
Harada, K. *see* Notake, Y. 95135
Harada, K. *see* Tada, H. 96250
Harada, K. *see* Yoshitake, A. 107823
Harada, M. Existence of new extremal doubly-even codes and extremal singly-even codes 97462
Harada, M., Usui, M., Niki, H. An extension of the criteria for generalized diagonally dominant matrices 113237
Harada, M. *see* Akizuki, M. 92855
Harada, M. *see* Douseki, T. 73248
Harada, M. *see* Maruyama, K. 100989
Harada, M. *see* Nakamura, K. 105503
Harada, M. *see* Tosa, M. 94156
Harada, N., Toyoda, K., Minato, T., Ichihara, T., Kishida, T., Koike, T., Izumi, T., Murakami, Y. Development of 400 kJ Nb$_3$Sn superconducting magnet for SMES system 103050
Harada, N. *see* Kobayashi, M. 89372
Harada, T. *see* Fujita, K. 71015
Harada, T. *see* Jijun Wu 113161
Harada, T. *see* Ogasawara, Y. 116001
Harada, T. *see* Shikida, M. 64021
Harada, T. *see* Takeda, K. 74737
Harada, T. *see* Yasui, K. 104067
Harada, Y., Kobayashi, S., Tashiro, H., Okamura, M. Development of prefabrication type aluminum pipe jumper device for narrow ROW overhead transmission line 121182
Harada, Y., Takayanagi, H., Odintsov, A.A. Cooper-pair tunneling in small junctions with tunable Josephson coupling 115927
Harada, Y. *see* Chichibu, S. 113297
Harada, Y. *see* Fukutomi, H. 102407
Harada, Y. *see* Iwamuro, N. 105938
Harada, Y. *see* Sawai, T. 83508
Harada, Y. *see* Sugiura, T. 110934
Harada, Y. *see* Tanaka, K. 76118
Harada, Y. *see* Tatsumi, T. 109068
Harada, Y. *see* Uda, H. 88199
Harada, Y. *see* Uda, H. 88231
Harada, Y. *see* Yoshida, K. 80884
Haraf, D.J. *see* Pelizzari, C.A. 69973
Haraguchi, B. *see* Fukuda, K. 77490
Haraguchi, E. *see* Kato, T. 91190
Haraguchi, K., Hiruma, K., Katsuyama, T., Tominaga, K., Shirai, M., Shimada, T. Self-organized fabrication of planar GaAs nanowhisker arrays 83843
Haraguchi, M. *see* Hayashi, T. 119587
Haraguchi, M. *see* Ichimura, Y. 75947
Haraguchi, M. *see* Tsukagoshi, K. 94530
Haraguchi, Y., Hirose, T., Ukita, M., Wada, T., Eino, M., Saito, M., Yamada, M., Yasuoka, A. A 4-Mb SRAM using a new hierarchical bit line organization utilizing a T-shaped bit line for a small sized die 93353
Harai, H., Murata, M., Miyahara, H. Multicast routing method in optical switching networks 119143
Harai, Y. VLSI neural network systems 83289
Haraichi, S., Sasaki, F., Kobayashi, S., Komuro, M., Tani, T. Time-resolved observation of laser-induced surface reaction for Si/Cl$_2$ system using second-harmonic generation 74549
Haraichi, S. *see* Wada, T. 94864
Harakal, M., Chmurny, J. Image generation by octree 108504
Harakawa, K. *see* Kajiwara, G. 97155
Haraldseth, O. *see* Jones, R.A. 69997
Haraldseth, O. *see* Sebastiani, G. 80265
Haralick, R. *see* Thornton, K. 67485
Haralick, R.M. Overview: computer vision performance characterization 77150
Haralick, R.M. Performance characterization protocol in computer vision 77151
Haralick, R.M. *see* Bedekar, A.S. 86371
Haralick, R.M. *see* Chung-Nan Lee 77370
Haralick, R.M. *see* Jisheng Liang 66885
Haralick, R.M. *see* Ramesh, V. 77152
Haralick, R.M. *see* Ramesh, V. 77153
Haralick, R.M. *see* Xufei Liu 77316
Haralick, R.M. *see* Zhang, X. 77154
Harame, D. *see* Case, M. 62088
Harame, D. *see* Case, M. 83500
Harame, D. *see* Glenn, J. 62345
Harame, D. *see* Larson, L. 73786
Harame, D.L. *see* Gao, W. 62051
Harame, D.L. *see* Long, J.R. 74822
Harame, D.L. *see* Nguyen-Ngoc, D. 63964
Harame, D.L. *see* Nguyen-Ngoc, D. 115373
Harame, D.L. *see* Vempati, L.S. 63625
Harame, D.L. *see* Vempati, L.S. 115156
Harami, T. *see* Konishi, H. 69911
Haramundanis, K. Documentation project management: some problems and solutions 60508
Haran, B.S., White, R.E. A semianalytical technique for solving nonlinear partial differential equations 103778
Haran, F.M., Hand, D.P., Peters, C., Jones, J.D.C. Real-time focus control in laser welding 96853
Harand, B. *see* Pataut, G. 73771
Harano, M., Toba, E., Sudo, A., Nishimatsu, T., Kuroshima, N. Development of finger joint angle sensor by using rubber optical fiber 79501
Harara, H.B. *see* Labbe, N. 71845
Harari, J., Jin, G.H., Journet, F., Vandecasteele, J., Vilcot, J.P., Dalle, C., Friscourt, M.R., Decoster, D. Modeling of microwave top illuminated PIN photodetector under very high optical power 93816
Harari, J., Journet, F., Rabii, O., Van de Casteele, J., Joannes, L., Vilcot, J.P., Decoster, D., Dalle, C., Friscourt, M.R. Modelling of PIN photodetectors for microwave and high power applications 64925
Harari, J. *see* Jin, G.H. 95771
Harasawa, E. *see* Nakamitsu, T. 70085
Harasawa, S. *see* Suyama, M. 88649
Harashima, F. Intelligent mechatronics 91803
Harashima, F. *see* Sabe, K. 86997
Harashima, H. *see* Bochez, K. 86548
Harashima, H. *see* Cheong, C.K. 86530
Harashima, H. *see* Naemura, T. 67126
Harashima, H. *see* Naemura, T. 86532
Harashima, K., Hirakawa, Y., Yoshida, M., Fukunaga, K. A method of data path allocation by pattern matching on the data flow graph 93049
Harashima, K. *see* Kikuta, K. 63417
Harasty, D. *see* Lin, Y.-B. 99292
Harasty, D.J. *see* Varma, V.K. 109461
Harasymiv, I., Schwarz, R. Periodic steady-state analysis of electrical circuits in the extended state-space 93095
Harata, A. *see* Tanaka, T. 94212
Harayama, M. *see* Okamura, H. 73294
Harb, A., Sawan, M., Jieyan Zhu A wireless CMOS implantable receiver for neuromuscular microstimulators 80495
Harb, A.H. *see* Nayfeh, A.H. 70705
Harb, B., Stensby, J. The half-plane pull-in range of a second-order phase-locked loop 61695
Harbison, J.P. *see* Orenstein, M. 107324
Harbison, J.P. *see* Tanaka, M. 95350
Harbison, K. *see* Mettala, E. 80722
Harbison, S.P. Uses and misuses of C++ in DSP application development 93447
Harboe, P.B., Souza, J.R. Fullwave analysis of coplanar asymmetrical stripline, with application in guided-wave optical devices 93670
Harboe-Sorensen, R., Muller, R., Fraenkel, S. Heavy ion, proton and Co-60 radiation evaluation

of 16 Mbit DRAM memories for space application 61877

Harbridge, A., Rogers, C., Jefferson, I., Coates, M. A comparison of the heat dissipation performance of twin wall HDPE and earthenware cable ducts 121216

Hardaker, P.J., Holt, A.R., Collier, C.G. A melting-layer model and its use in correcting for the bright band in single-polarization radar echoes 80651

Hardaker, W.J. *see* Current, K.W. 106190

Hardalupas, Y., Moreira, A.L.N., Taylor, A.M.K.P., Whitelaw, J.H. Evaluation of the phase Doppler technique for the measurement of bubbles 89568

Hardan, F. *see* Watthanasarn, C. 112069

Hardange, J.-P. *see* Loch-Duplex, N.L. 78997

Hardange, J.P. *see* Tenoux, T. 68679

Hardcastle, V.G. *see* Wright, J.J. 101391

Hardek, T. *see* Rees, D. 62585

Hardek, T. *see* Wang, T. 89991

Hardek, T.W., Rees, D., Ziomek, C. A low-frequency high-voltage RF-barrier bunching system for high-intensity neutron source compressor rings 100488

Harden, J.H. *see* Linder, D.H. 113838

Harden, R.C. *see* Simons, F.O., Jr. 60779

Harder, C. *see* Hunziker, W. 119214

Harder, C. *see* Meier, H.P. 76013

Harder, J. *see* Celliers, P. 76312

Harder, J.E. AC filter arrester application 102268

Harder, S. *see* Zimmermann, S. 79258

Harder, S. *see* Zimmermann, S. 100857

Hardie, D.J.W., Gallaher, A.B. Review of numerical methods for predicting sonar array performance 88724

Hardie, G. *see* Jacobsen, E.R. 69762

Hardie, J.G. *see* Leitch, M.J. 90240

Hardie, J.G. *see* Wise, T. 120082

Hardie, R. How to select an electric cable 81075

Hardie, R.C., Barner, K.E. Extended permutation filters and their application to edge enhancement 77255

Hardie, R.C. *see* Broessel, R.J. 86965

Hardie, R.C. *see* Gillette, J.C. 86964

Hardie, R.C. *see* Kaltenbacher, E. 117720

Hardin, C. *see* Carlson, J.J. 117639

Hardin, F.J., Long, D.G. Integrating reconstructed scatterometer and advanced very high resolution radiometer data for tropical forest inventory 90843

Hardin, J. *see* Thomas, C. 110735

Hardin, P.J., Long, D.G., Remund, Q.P. Discrimination of Africa's vegetation using reconstructed ERS-1 imagery 111343

Hardin, P.J., Long, D.G., Remund, Q.P., Daum, D.R. A comparison of reconstructed Ku-band scatterometry, C-band scatterometry, and SSM/I imagery for tropical vegetation classification 111347

Hardin, R.H., Sloane, N.J.A. New spherical designs in three and four dimensions 66312

Harding, D.J., Baiod, R., Brown, B.C., Carson, J.A., Chester, N.S., Desavouret, E., DiMarco, J., Garvey, J.D., Glass, H.D., Hall, P.J., Martin, P.S., Mazur, P.O., Mishra, C.S., Mokhtarani, A., Nogiec, J.M., Orris, D.F., Pachnik, J.E., Russell, A.D., Sharonov, S.A., Sim, J.W., Tompkins, J.C., Trombly-Freytag, K., Walbridge, D.G.C., Yarba, V.A. Magnetic field measurements of the initial Fermilab Main Injector production quadrupoles 89795

Harding, D.J., Baiod, R., Brown, B.C., Carson, J.A., Chester, N.S., Desavouret, E., DiMarco, J., Garvey, J.D., Glass, H.D., Hall, P.J., Martin, P.S., Mazur, P.O., Mishra, C.S., Mokhtarani, A., Nogiec, J.M., Orris, D.F., Pachnik, J.E., Russell, A.D., Sharonov, S.A., Sim, J.W., Tompkins, J.C., Trombly-Freytag, K., Walbridge, D.G.C., Yarba, V.A. Magnetic field measurements of the initial Fermilab Main Injector production dipoles 89796

Harding, D.J. *see* Baiod, R. 89793

Harding, D.J. *see* Bhat, C.M. 89794

Harding, D.J. *see* Brown, B.C. 90058

Harding, D.J. *see* Glass, H.D. 100644

Harding, D.J. *see* Johnson, D.E. 89798

Harding, D.S. *see* Havlicek, J.P. 77277

Harding, D.S. *see* Havlicek, J.P. 77440

Harding, I.S. *see* Aylett, B.J. 94844

Harding, I.S. *see* Giaddui, T. 92971

Harding, J.R., Roberts, S.A. Laser imaging in clinical radiology 80287

Harding, K., Svetkoff, D. 3D laser measurements on scattering and translucent surfaces 79708

Harding, R.A. *see* Xhu, Z.R. 103163

Hardingham, C.M. *see* Conibeer, G.J. 105166

Hardis, J.E. Improving color measurements of displays 69398

Hardjono, T., Seberry, J. Security issues in mobile information networks 98698

Hardman, B. Non-linear in an online world 109899

Hardner, H.T. *see* Bian, X. 64232

Hardock, J. The DFM audit [PCB design for manufacturability] 94010

Hardouin Duparc, O.B.M. *see* Ihlal, A. 94222

Hards, G.A. *see* Acres, G.J.K. 102963

Hardt, A. *see* Brauksiepe, S. 100815

Hardt, S. *see* Algrain, M. 102930

Hardt-English, P.K. *see* Bentley, D. 88948

Hardtdegen, H. *see* Bangert, U. 113289

Hardtdegen, H. *see* Horstmann, M. 89103

Hardtdegen, H. *see* Leuther, A. 63775

Hardtdegen, H. *see* Schimpf, K. 104836

Hardwick, C.D., Liu, J. Characterization of phase and multipath errors for an aircraft GPS antenna 119335

Hardwick, J.P., Stout, Q.F. Determining optimal few-stage allocation procedures 113071

Hardy, A., Kapon, E. Coupled-mode formulations for parallel-laser resonators with application to vertical-cavity semiconductor-laser arrays 65350

Hardy, A. *see* Dzurko, K.M. 65310

Hardy, A.A. *see* Gisin, B.V. 116085

Hardy, C. *see* Van Dyke, P. 121187

Hardy, D. *see* Bezerra, F. 110014

Hardy, D.A. *see* Burke, W.J. 111023

Hardy, L. *see* Bouchakour, R. 74751

Hare, J. *see* Sandoghdar, V. 116443

Hare, J. *see* Shetty, S. 70205

Hare, M. *see* Beeteson, J.S. 60739

Hareland, S.A. *see* Hasnat, K. 94956

Haren, R.J.F.van *see* van Haren, R.J.F.

Hares, J.D. *see* Dymoke-Bradshaw, A.K.L. 93182

Harfaoui, M.El *see* El Harfaoui, M.

Harff, N.E., Simmons, J.A., Klem, J.F. Extreme field-induced cyclotron mass variations in coupled double quantum wells 62955

Harger, R.O. Introducing DSP with an electronic book in a computer classroom 60446

Hargreaves, D., Lick, G.S., Ventrudo, B.F. High-power 980-nm pump module operating without a thermoelectric cooler 85475

Hargreaves, J.K. *see* Browne, S. 97097

Hargreaves, M. *see* Tinniswood, A.D. 65811

Hargreaves, T. *see* Palmer, D. 62571

Hargreaves, T.A., Begum, S.R., Higgins, L.L., True, R.B., Bemis, T.M., Scheitrum, G.P. Design of a 95 GHz fourth harmonic gyroklystron 62612

Hargreaves, T.A. *see* Palmer, D. 105051

Hargrove, K.L. *see* De Los Santos, H.J. 93872

Hargrove, M.J. *see* Pelella, M.M. 63660

Harhel, T. *see* Jerby, E. 107032

Hari, K.V.S. *see* Srinivas, L. 76977

Hari Krishna Garg On the factorization of polynomials and direct sum properties in integer polynomial rings 76925

Harid, N. *see* Rickard, D.A. 111653

Haridim, M. *see* Gavan, J. 78994

Harigai, H. *see* Kozu, S. 73423

Harigaya, M. *see* Sekiguchi, T. 74800

Hariharan, M.V. *see* Agarwal, M.S. 81439

Hariharan, M.V. *see* El-Refai, F.E. 81388

Hariharan, M.V. *see* El-Refai, F.E. 111882

Hariharan, P., Roy, M. Interferometric surface profiling with white light: effects of surface films 110354

Hariharan, V.K., Pal, R.K., Murthy, P.V.N., Lakshminarayana, V., Shastry, S.V.K., Katti, V.R. Electromagnetic field to unshielded wire coupling model 76458

Hariharan, V.K. *see* Renuka, R. 74827

Harikumar, G., Bresler, Y. Feature extraction techniques for exploratory visualization of vector-valued imagery 108496

Harikumar, G., Bresler, Y. Analysis and comparative evaluation of techniques for multichannel blind deconvolution 117510

Harima, H. *see* Nakashima, S. 105223

Harima, H. *see* Nakashima, S. *(editor)* 103286

Harima, Y., Okazaki, H., Kunugi, Y., Yamashita, K., Ishii, H., Seki, K. Formation of Schottky barriers at interfaces between metals and molecular semiconductors of p- and n-type conductances 94580

Harinath Reddy, K. *see* Kumar, G.N.S. 67982

Hariri, A., Malik, O.P. Adaptive-network-based fuzzy logic power system stabilizer 80903

Hariri, B., Shenton, A.T., Dorey, R.E. Parameter identification, estimation and dynamometer validation of the non-linear dynamics of an automotive spark-ignition engine 102428

Hariri, S. *see* Sundareswaran, P. 108936

Hariri, S. *see* Sung-Yong Park 109100

Haris, K., Efstratiadis, S.N., Maglaveras, N., Pappas, C. Hybrid image segmentation using watersheds 86529

Hariskos, D., Ruckh, M., Ruehle, U., Walter, T., Schock, H.W., Hedstroem, J., Stolt, L. A novel cadmium free buffer layer for $Cu(In,Ga)Se_2$ based solar cells 103013

Hariskos, D. *see* Braunger, D. 81878

Hariskos, D. *see* Gal, D. 105135

Hariskos, D. *see* Moons, E. 121882

Haritantis, I. *see* Deliyannis, T. 73531

Haritantis, I. *see* Layos, M.C. 104695

Hariton, D. *see* McStay, K. 63910

Harjani, R. A non-slewing opamp for oversampled converters 113770

Harjani, R., Shao, J. Feasibility and performance region modeling of analog and digital circuits 61567

Harjani, R. *see* Barnett, R. 114068

Harjani, R. *see* Feng Wang 113768

Harjani, R. *see* Feng Wang 114026

Harjani, R. *see* Jaworski, R.V. 115809

Harjani, R. *see* Stessman, N.J. 114071

Harjono, H. *see* Perkins, C. 118075

Harju, J. *see* Arvonen, K. 77756

Hark Byeong Park, Soo Kug Hong, Tomasek, R. Reducing PCB solder process defects and improving PCB solder joint reliability through computer simulation 104945

Harkar, A., Sundarrajan, V., Katale, K., Shaligram, A.D., Ghaisas, S.V. Monte Carlo study of carrier transport in n^+-n-n^+ silicon structure 105872

Harkay, K., Cho, Y. Transverse instability analysis for the IPNS upgrade 89859

Harkay, K., Cho, Y., Lessner, E. Longitudinal instability analysis for the IPNS upgrade 89858

Harkay, K. *see* Cho, Y. 79994

Harken, D.R. *see* McCallum, D.S. 62858

Harker, A. *see* Johnson, P.C. 84284

Harker, A.H. *see* Atkinson, A. 83801

Harker, A.H. *see* Jain, S.C. 83953

Harker, S.D.P. *see* Eason, K.D. 111514

Harkness, J.C., Lowe, R. Improved Alloy 174 1/2 HT strip for enhanced connector reliability 114397

Harkonen, G. *see* Leskela, T. 103968

Harkonen, J. *see* Pakonen, P. 102275

Harlaar, J., Roebroeck, M.E., Lankhorst, G.J. Computer-assisted hand-held dynamometer: low-cost instrument for muscle function assessment in rehabilitation medicine 120280

Harle, V. *see* Binet, F. 100030

Harle, V. *see* Frankowsky, G. 75985

Harle, V. *see* Haase, D. 114634

Harle, V. *see* Hofmann, R. 116467

Harle, V. *see* Jian Wang 85478

Harle, V. *see* Kowalski, B. 114744

Harley, G. *see* Woodward, D.R. 103085

Harley, R.G. *see* Burton, B. 102701

Harley, R.G. *see* Burton, B. 121925

Harley, R.G. *see* Kamran, F. 113749

Harley, R.G. *see* Kleinhans, C.E. 103083

Harley, R.G. *see* Rae, T.A. 102050

Harley, R.G. *see* Rigby, B.S. 102047

Harley, R.G. *see* Shepstone, N.M. 102628

Harley, R.G. *see* van der Westhuizen, M.J. 93124

Harley, R.G. *see* van der Westhuizen, M.J. 121471

Harley-Stead, M. *see* Egan, A. 65306

Harley-Stead, M. *see* Egan, A. 75979

Harlingen, D.J.Van *see* Van Harlingen, D.J.

Harlow, F. *see* Zhang, L. 78660

Harlow, M.J. *see* Moodie, D.G. 78707

Harlow, M.J. *see* Moodie, D.G. 106863

Harman, D. *see* Deis, G. 106719

Harman, G.G. *see* Seiler, D.G. 79437

Harman, P. Autostereoscopic display system 100222

Harman, T.C., Spears, D.L., Manfra, M.J. High thermoelectric figures of merit in PbTe quantum wells 105352

Harman, T.C. *see* Hicks, L.D. 63021

Harmand, J.-C. *see* Berthelemot, C. 116280

Harmand, J.C. *see* Bearzi, E. 94369

Harmand, J.C. *see* Berthelemot, C. 107026

Harmand, J.C. *see* Couturier, J. 65515

Harmand, J.C. *see* Gassot, P. 62974

Harmand, J.C. *see* Meva'a, C. 94371

Harmand, J.C. *see* Palla, R. 106075

Harmand, J.C. *see* Palmier, J.F. 93786

Harmand, Y. *see* Vu, H. 101927

Harmans, C.J.P.M. *see* Mur, L.C. 106692

Harmatha, L. *see* Ballo, P. 105242

Harmelen, G.L.Van *see* Van Harmelen, G.L.

Harmon, E.S. *see* Lochtefeld, A.J. 105152

Harmon, E.S. *see* McInturff, D.T. 104009

Harmon, E.S. *see* Melloch, M.R. 95995

Harmon, J. *see* Biagtan, E. 100801

Harmon, J.K. Method for estimating theoretical project times for product development and associated implications 112848

Harmon, R.W., Karady, G.G., Amburgey, O.G. Electrical test methods for nonceramic insulators used for live line replacement 121207

Harms, A.A. *see* Kingdon, D.R. 121325

Harms, J. *see* Addison, C. 87249

Harms, J.J. *see* Friesen, V.J. 118253

Harms, P. *see* Vinchao Chen 92266

Harms, P. *see* Yinchao Chen 76528

Harms, P.H., Chen, Y., Mittra, R., Shimony, Y. Numerical modeling of microwave heating systems 91949

Harms, U., Barkow, U., Metzdorf, J., Kessler, F.R. Thermoacoustic analysis of solar cells by current modulation 121892

Harms, W.B., Sr. *see* Cheng, A. 80512

Harmsze, F., Prasad, R. Hybrid ISMA/CDMA and CDMA/ISMA protocols for IWCC 67851

Harnagel, G. *see* Lang, R.J. 75995

Harnefors, L., Nee, H.-P. Recursive speed, position, and parameter estimation for sensorless control of synchronous machines 91484

Harness, R. Raptor electrocutions on electric utility distribution overhead structures 70888

Harnett, L.N. *see* Yujiri, L. 100107

Harning, M. *see* Ban, J. 69810

Harnisch, T. *see* Toepfer, H. 95482

Harnishfeger, D. *see* Parsi, K. 75263

Harnishfeger, D. *see* Yang, Y.-H. 94850

Harnker, F.H., Gross, H.-M. Region selection: segmentation, classification and task relevance in a single grouping mechanism 108617

Haro-Poniatowski, E. *see* Perez, S.A. 116680

Haroche, S. Trapping photons in microspheres for cavity QED experiments 107409

Haroche, S., Brune, M., Raimond, J.-M. Atoms and photons in high Q cavities: towards simple quantum logic gates 85229

Haroche, S. *see* Sandoghdar, V. 116443

Harold, M.J. *see* Smola, J.F. 90720

Haronian, D., MacDonald, N.C. A microelectromechanics-based frequency-signature sensor 88957
Haronian, D. *see* Christenson, G.L. 64623
Haronian, D. *see* Tran, A.T.T.D. 64876
Haroon-ur-Rashid, Burger, P. Motion from structure 97987
Haroon-Ur-Rashid, Khan, G.N., Iqbal, M.S., Khan, M.N. Parallel implementation of a computer vision algorithm on a transputer based parallel machine 98147
Haroutunian, H.S. *see* Ahlswede, R. 87501
Haroutyunyan, V.S., Sedrakyan, A.G., Subotowicz, M. X-ray diffraction investigations of ion-implanted semiconductor crystals 105583
Harp, G.R., Farrow, R.F.C., Marks, R.F. Magnetic circular dichroism in EELS 84781
Harper, A., Brunning, J., Cake, P. The release of corrosion products from PWR primary circuit surfaces at start-up and shutdown 71079
Harper, A.W. *see* Dalton, L.R. 106740
Harper, B. *see* Denison, D.R. 105034
Harper, B.M., Lorbeck, J.A., Vernon, R.J. Quasi-optical internal mode converters for 110 GHz gyrotrons 62595
Harper, G.C. Terminal computer for the UW tandem 79784
Harper, G.C. Terminal ion source for the UW tandem 79989
Harper, G.C. *see* Weitkamp, W.G. 79785
Harper, N.L., McKerrow, P.J. Perception of object characteristics by the interpretation of ultrasonic range data 80497
Harper, P., Knox, F.M., Kean, P.N., Zhang, L., Doran, N.J., Bennionl, I. Soliton transmission over 2700 km using an in-fibre Bragg grating filter to give Gordon-Haus jitter reduction 65460
Harper, P. *see* Knox, F.M. 65463
Harpur, G.F., Prager, R.W. Development of low entropy coding in a recurrent network 77243
Harrach, D. v. *see* Hartmann, P. 120119
Harrach, D.von *see* von Harrach, D.
Harrell, C. Heuristic planning makes the past current 60551
Harrell, J.W. *see* Yu, Y. 106568
Harren, F.J.M. *see* Bijnen, F.G.C. 100169
Harren, S.V. *see* Skipor, A.F. 112968
Harrer, S. *see* Vogel, D. 88767
Harrington, D.P. *see* Zhengrong Liang 80226
Harrington, J. *see* Gabara, T. 113857
Harrington, J.A. *see* Matsuura, Y. 75515
Harrington, J.A. *see* Matsuura, Y. 110763
Harrington, M.I. *see* Troxell, J.R. 63952
Harrington, P. *see* Allison, C. 118233
Harrington, R.J., Mueen, M. A simple approach to improve lightning performance of an uprated substation 91694
Harriott, L.R. *see* Cotta, M.A. 82618
Harris, A. *see* Wood, D. 74982
Harris, A. *see* Wood, D. 79726
Harris, A.J. *see* Wood, D. 74864
Harris, A.R., Saunders, M.A. Global validation of the along-track scanning radiometer against drifting buoys 120810
Harris, C. *see* Clendening, S. 99480
Harris, C.I., Aboelfotoh, M.O., Kern, R.S., Tanaka, S., Davis, R.F. Low interface state densities in SiC MIS devices using epitaxial AlN 105303
Harris, C.I. *see* Konstantinov, A. 64911
Harris, C.I. *see* Zetterling, C.-M. 105710
Harris, C.T. *see* Bozler, C.O. 74062
Harris, C.T. *see* Kodis, M.A. 105010
Harris, D. *see* Cordero, C. 87714
Harris, D. *see* O'Brien, K. 115837
Harris, D.A., DiPaolo, A. Advancing asynchronous distance education using high-speed networks 112763
Harris, D.A. *see* Knoedler, A.J. 70401
Harris, D.C. Frontiers in infrared window and dome materials 64599
Harris, D.O. Precision of OTDR attenuation algorithms for short single-mode fibers 64710
Harris, D.O. New technology optimum for 1550 networks: Industry reaching the limits of 1310 nm transmission 119448
Harris, E.P. *see* Young, J.H. 119533
Harris, F. *see* Dick, C.H. 114136
Harris, G.F. *see* Bachschmidt, R.A. 70254
Harris, G.L. *see* Collins, D.M. 105713
Harris, G.R. Are current hydrophone low frequency response standards acceptable for measuring mechanical/cavitation indices? 111367
Harris, G.W. *see* Wienhold, F.G. 70523
Harris, H.M. *see* McMillan, R.W. 73713
Harris, I.R. *see* Guffleisch, O. 106509
Harris, I.R. *see* Ragg, O.M. 115512
Harris, I.R. *see* Saje, B. 106630
Harris, I.R. *see* Short, C.L. 115504
Harris, I.R. *see* Tattam, C. 84838
Harris, J.B., Preist, T.W., Sambles, J.R., Thorpe, R.N., Watts, R.A. Optical response of bigratings 116846
Harris, J.B., Wood, E.L., Preist, T.W., Sambles, J.R. Characterization of a grating-coupled liquid crystal cell using a rigorous theoretical model 85136
Harris, J.G. *see* Chen, D. 90457
Harris, J.G. *see* Jones, K.M. 108197
Harris, J.G. *see* Rowley, M.D. 110209
Harris, J.G.E. *see* Yuh, E.L. 105371
Harris, J.J., Broesch, J.D., Coon, R.M. A combined PLC and CPU approach to multiprocessor control 104307
Harris, J.J., Roberts, J.M., Jaszek, R., Hopkinson, M. Strain-balanced quantum wells for power FET applications 63767
Harris, J.J. *see* Hayne, M. 105289
Harris, J.J. *see* Sander, T.H. 105405
Harris, J.M., Kumar, S.P. An algorithm for dynamically minimizing the queuing delay of packets in cellular data networks 109523
Harris, J.S. *see* Matsumoto, K. 63819
Harris, J.S. *see* Sung-Yong Park 109100
Harris, J.S., Jr. *see* Filling, G. 105291
Harris, J.S., Jr. *see* Kameyama, A. 62289
Harris, J.S., Jr. *see* Larson, M.C. 64974
Harris, J.S., Jr. *see* Lee, H. 74570
Harris, J.S., Jr. *see* Okada, Y. 82638
Harris, J.S., Jr. *see* Okada, Y. 113350
Harris, J.S., Jr. *see* Okadaa, Y. 114617
Harris, J.S., Jr. *see* Solomon, G.S. 107009
Harris, J.S., Jr. *see* Sung, B. 62887
Harris, J.S., Jr. *see* Trezza, J.A. 95834
Harris, J.S., Jr. *see* Yeo, J.S. 92695
Harris, L. *see* Patrick, K. 120479
Harris, M.P. *see* Van Andrews, G. 93165
Harris, M.R., Sykulski, J.K. Magnetic field and force characteristics of a solenoid actuator for display board application 79628
Harris, P. *see* Wendt, F. 118538
Harris, R. *see* Yie He 74897
Harris, R.A. *see* Franchi, A. 88803
Harris, R.A. *see* Hoeher, P. 88800
Harris, R.D. *see* Luff, B.J. 69329
Harris, S. *see* Davies, B. 103481
Harris, S.E. *see* Lemoff, B.E. 65021
Harris, S.J., Mei, Q., Arambula-Cosio, F., Hibberd, R.D., Davies, B.L. Robotic aided transurethral resection of the prostate 90554
Harris, T.E., Allen, J.C., Cary, W.P., Ferguson, S.W., Petty, C.C., Pinsker, R.I. System control and data acquisition of the two new FWCD RF systems at DIII-D 112076
Harris, T.E. *see* Ferguson, S.W. 110313
Harris, T.J. *see* Heffernan, K.J. 90691
Harris, V.G. *see* Horwitz, J.S. 106479
Harris, V.G. *see* Kemner, K.M. 64452
Harris, V.G. *see* Snyder, J.E. 64331
Harris, V.G. *see* Sui, X. 106570
Harrison, B., Mantei, M., Beirne, G., Narine, T. Communicating about communicating: cross-disciplinary design of a media space interface 67883
Harrison, C. *see* Leung, H. 68588
Harrison, C.G. *see* Oakley, J.P. 67000
Harrison, C.H. *see* Ainslie, M.A. 88723
Harrison, C.K. *see* Mansky, P. 63487
Harrison, C.N. *see* Danson, C.N. 85429
Harrison, D., Billett, E., Billingsley, J. Novel circuit fabrication techniques for reduced environmental impact 62494
Harrison, D.C., Chow, J.C. The Space-Based Visible sensor 90693
Harrison, D.J., Fluri, K., Chiem, N., Tang, T., Fan, Z. Micromachining chemical and biochemical analysis and reaction systems on glass substrates 119643
Harrison, D.J., Jones, L.D., Burke, S.K. Benchmark problems for defect size and shape determination in eddy-current nondestructive evaluation 92989
Harrison, D.K., Forrest, W.R., Ross, D.S. Manufacturing systems and their suitability for a product cell 83569
Harrison, H.B. *see* Dimitrijev, S. 94798
Harrison, H.B. *see* Tanner, P. 114960
Harrison, H.B. *see* Tanner, P.G. 105667
Harrison, H.B. *see* Yao, Z.-Q. 84066
Harrison, J. Why and how do surge protective devices (SPD) fail: a safety article 70995
Harrison, J.A. *see* Humphries, J. 69204
Harrison, J.C. Capacitive transducer for relative position error galvo mirrors 84950
Harrison, J.C. *see* Swann, A.C. 64401
Harrison, K. *see* Martellotti, G. 80122
Harrison, L.A., Gordon, R.K. Finite element analysis of boundary value problems using wavelet-like basis functions 61099
Harrison, L.A., Gordon, R.K. The use of wavelet-like basis functions in the finite element analysis of heterogeneous one dimensional regions 103801
Harrison, L.H., Saraceni, P.J., Jr. Reliability issues for design and test of complex integrated circuits [in avionic systems] 70365
Harrison, M. The RHIC Project–status and plans 79931
Harrison, M. Airport surface system architecture 120650
Harrison, M. *see* Trbojevic, D. 89911
Harrison, M.A. *see* Syphers, M.J. 79937
Harrison, M.G., Gruener, J., Spencer, G.C.W. Investigations of organic electroluminescent diodes by impedance spectroscopy, photo-impedance spectroscopy and modulated photovoltage spectroscopy 75750
Harrison, M.R., Worrall, B. Installation and burial of a 240 kilometer long "ASN 14 mm" fiber optic telecommunication cable in Bass Strait using the "ship-of-opportunity" installation technique 88068
Harrison, N. *see* Herlach, F. 96978
Harrison, N. *see* Van Bockstal, L. 96980
Harrison, N. *see* Van Bockstal, L. 96981
Harrison, P. Differentiating between constant and concentration-dependent diffusion coefficients via the optical spectroscopy of excitons in quantum wells 74446
Harrison, P. *see* Bennet, J.M. 90165
Harrison, P. *see* Bennett, A.J. 118080
Harrison, P. *see* Malkemes, R. 99191
Harrison, P.A. *see* Manchester, R.N. 99704
Harrison, P.F. *see* Bennet, J.M. 90165
Harrison, R. *see* Szymanski, J.J. 110589
Harrison, R.E. Use of image analysis to grade cotton yarn 117616
Harrison, R.F. *see* Jervis, B.W. 70130
Harrison, R.G. An atmospheric electrical voltmeter follower 101556
Harrison, R.G. *see* Krishnamurthi, K. 62242
Harrison, R.G. *see* Krishnamurthi, K. 104837
Harrison, R.L. *see* Kaplan, M.S. 101087
Harrison, R.L. *see* Miyaoka, R.S. 101341
Harrison, S.M. *see* Street, A.J. 84927
Harrison, S.R. *see* Cain, J.L. 106514
Harrison, T.H. *see* Darwin, A.W. 81523
Harrison, W.A. *see* Zhiping Yu 84464
Harrold, D. Overview of optical access technologies 67943
Harrold, S.J. Wide-bandwidth photoreceiver GaAs preamplifier ICs using current-mode design techniques 78719
Harrow, D. *see* Conlon, P. 98260
Harry, E. Don't overlook scope probes [IC test] 69375
Harry, M.A., Curello, G., Finney, M.S., Reeson, K.J., Sealy, B.J. Structural properties of ion beam synthesized iron-cobalt silicide 94686
Harsanyi, G. New types of reliability problems in porous ceramic based microdevices 60697
Harsanyi, G. Material design aspects of high reliability, high density interconnections 104975
Harsanyi, G. Accessing eastern European microelectronics capabilities: Sensors and controls 106157
Harsanyi, G., Percsi, L. Processing induced short-circuit failures in LTCC MCM-C structures 83671
Harsanyi, G. *see* Sali, R. 113540
Harsch, A. *see* Chadwick, A.V. 89189
Harsch, W.C. *see* Boney, C. 85508
Harsdorff, M. *see* Heyn, Ch. 104027
Harsh *see* Mishra, M. 109308
Harshavardhana, P. *see* Doshi, B.T. 87497
Harshman, P. Applying push-pull technology to optical networks: A new approach to high performance transmission 119449
Hart, A. *see* Por, P.T. 106487
Hart, A. *see* Walmsley, N.S. 64179
Hart, A. *see* Walmsley, N.S. 106578
Hart, A.L. *see* Collier, W.A. 110244
Hart, A.van der *see* van der Hart, A.
Hart, B., Taylor, D.P. Extended MLSE receiver for the frequency-flat, fast fading channel and linear modulations 88213
Hart, B.L. The current-switching principle–the versatile long-tailed pair 61520
Hart, B.W.'t *see* 't Hart, B.W.
Hart, B.W.'t *see* W.'t Hart, B.
Hart, C. *see* Andrade, R.A. 117755
Hart, D., Jones, D.G., Wall, B.F. Coefficients for estimating effective doses from paediatric X-ray examinations 90667
Hart, D., Novosel, D., Calero, F., Udren, E., LiFeng Yang Development of a numerical comparator for protective relaying: Part II 102232
Hart, D. *see* Novosel, D. 121057
Hart, D.G., Novosel, D., Saha, M.M., Nimmersjo, G. Digital techniques for testing numerical relays 102250
Hart, D.G. *see* Baggeroer, P.A. 120658
Hart, D.W., Jani, M., Barnes, N.P. Room-temperature lasing of end-pumped Ho:Lu$_3$Al$_5$O$_{12}$ 65151
Hart, F.X. *see* Bates, J.B. 81689
Hart, G. *see* Singh, P. 70209
Hart, G. *see* Szymanski, J.J. 110589
Hart, J.C. Fractal image compression and recurrent iterated function systems 86471
Hart, L. *see* Davidson, B.R. 103945
Hart, L. *see* Fernandez, J.M. 103925
Hart, L. *see* Peggs, D.W. 62971
Hart, L. *see* Tang, P.J.P. 114775
Hart, P.R. *see* Imel, G.R. 90182
Hart, R.R. *see* Thompson, K.G. 69769
Hart, S. *see* Puetz, J. 87378
Hart, W. *see* Fawcett, B. 113856
Hartal, O. Limitations of bulk current injection tests 76480
Hartanto, I. *see* Boppana, V. 93037
Hartanto, I. *see* Boppana, V. 104424
Hartanto, I. *see* Venkataraman, S. 104475
Harte, R. *see* Matthews, J. 101183
Harte, T.P. *see* Hanka, R. 86363
Hartel, G., Kettlitz, M., Schopp, H., Serick, F. Pulsed alkali pump light sources for Nd:YAG lasers 116421
Hartel, H. *see* de Jong, T. 112796
Hartel, M. *see* Spath, D. 112842
Hartemann, F.V., Le Sage, G.P., Troha, A.L., Luhmann, N.C., Jr., Fochs, S.N. Transform-limited coherent synchrotron radiation wavepackets in a chirped pulse free-electron laser 76047
Hartemann, F.V. *see* Fochs, S.N. 65147
Hartemann, F.V. *see* Le Sage, G.P. 65381
Hartemann, F.V. *see* Le Sage, G.P. 107031

Hartemann, F.V. *see* Le Sage, G.P. 116571
Hartemann, F.V. *see* McDermott, D.B. 107363
Hartemann, P. *see* Mage, J.C. 68666
Harten, A. Multiresolution representation of data: A general framework 82529
Harteneck, M., Stewart, R.W. Acoustic echo cancelation using a pseudo-linear regression and QR-decomposition 117527
Harter, D. *see* Fermann, M.E. 96144
Harter, D. *see* Galvanauskas, A. 95675
Harter, D. *see* Hofer, M. 65102
Harter, D. *see* Sucha, G. 116416
Harter, J. *see* Dupuy, P. 69317
Hartfuss, H.-J. *see* Geist, T. 62287
Hartgrove, R. Smoothing the process flow [PCB design] 93995
Harthong, J. *see* Mechahougui, S. 75421
Hartig, M. *see* Haacke, S. 62989
Hartig, M. *see* Orlowski, M. 74820
Hartig, M.J., Tobin, P.J. A model for the gas-phase chemistry occurring in a furnace N_2O oxynitride process 63384
Hartigan, P.F., Dewell, R.D. The extent of integration between satellite and terrestrial networks in future mobile communications 88185
Hartill, D.L. *see* Rogers, J.T. 100525
Hartimo, I.O. *see* Aiping Huang 97696
Hartimo, I.O. *see* Xiao-Ming Gao 108208
Harting, A. Considering clock errors in numerical simulations 69521
Hartings, R. Hydrophobicity of composite insulators: Measurement and influence on flashover performance 91201
Hartings, R. *see* Eklund, A. 102218
Hartings, R. *see* Gutman, I. 102221
Hartl, W. Simpler generation of test programs for electronic components 110019
Hartless, G., Leemis, L. Computational algebra applications in reliability theory 113024
Hartless, M. *see* Chan, C.L. 108548
Hartley, F. *see* Zavracky, P.M. 119663
Hartley, F.T., Dolgen, B., Zavracky, P.M. Progress toward a bulk micromachined tunneling tip microaccelerometer 63986
Hartley, F.T. *see* Zavracky, P.M. 80554
Hartley, J.L. *see* Zirger, B.J. 60578
Hartley, J.R. *see* Balfour, C. 96558
Hartley, J.R. *see* Dearden, G. 96505
Hartley, J.T. *see* Orr, M.D. 85021
Hartley, M.G. *see* Atiquzzaman, M. 87100
Hartley, P.W., Trecha, S.J., Patterson, P. Hazmat review reduces risk and improves operations 101792
Hartley, R. Lines and points in three views–a unified approach 77315
Hartley, R., Lehrman, I., Krishnaswamy, J. Feed forward control: an implementation at CIRFEL 96455
Hartley, R. *see* Armstrong, M. 67221
Hartley, R. *see* Krishnaswamy, J. 76058
Hartley, R.A. *see* Krishnaswamy, J. 96493
Hartley, R.A. *see* Lehrman, I.S. 76064
Hartley, R.I. Subexpression sharing in filters using canonic signed digit multipliers 114102
Hartley, R.I. *see* Gupta, R. 87049
Hartley, S., Gerhardt-Powals, J., Jones, D., McCormack, C., Medley, M.D., Price, B., Reek, M., Summers, M.K. Enhancing teaching using the Internet. Report of the Working Group on the World Wide Web as an Interactive Teaching Resource 103338
Hartley, T. *see* Young, M. 100399
Hartlieb, N., Martin, P., Sengler, A. Possibilities for rationalization in the design of large steam power plants 81313
Hartlove, J. *see* Pernyeszi, J. 103071
Hartmam, E. *see* Radojkovic, P. 105469
Hartman, D. *see* Calvin, H. 106718
Hartman, D.H. *see* Lebby, M. 99511
Hartman, D.H. *see* Lebby, M. 116286
Hartman, D.H. *see* Schwartz, D.B. 96052
Hartman, M., Iwaszkiewicz, J., Perz, J. DSP based control for the new generation of complex convertors 121744
Hartman, R. *see* Shen, X.A. 75412
Hartman, R.A. *see* Knapp, A.G. 89308
Hartman, R.C. *see* Cuddapah, R. 101028
Hartman, R.L., Mackie, W.A., Davis, P.R. 3D axisymmetric space charge simulation via boundary elements and emitted particles 73935
Hartman, R.L., Mackie, W.A., Davis, P.R. Three dimensional axisymmetric space charge simulation via boundary elements and emitted particles 83699
Hartman, R.L. *see* Farr, K.B. 98207
Hartman, R.L. *see* Ketelsen, L.J.P. 109608
Hartman, S. *see* Alexandrof, V.A. 100628
Hartman, S. *see* Gould, S. 113853
Hartman, S. *see* Krejcik, P. 89652
Hartman, S. *see* Shintake, T. 100531
Hartman, S. *see* Tenenbaum, P. 89675
Hartman, S.C., Shintake, T., Akasaka, N. Nanometer resolution BPM using damped slot resonator 100599
Hartman, S.C. *see* Turner, J.L. 89654
Hartman, Y.M. *see* Avrutin, V.S. 83798
Hartmann, B., Kalbitzer, S., Klatt, C. Energy widths of ion beams from a tandem accelerator 100753
Hartmann, C. *see* Jondral, F. 99410
Hartmann, C.S., Plessky, V.P., Jen, S. 112°-$LiTaO_3$ periodic waveguides 106409
Hartmann, C.S. *see* Chen, D.P. 104661
Hartmann, C.S. *see* Sharif, M.A. 104662
Hartmann, C.S. *see* Shen Jen 110461
Hartmann, E., Enachescu, M., Koch, F. Current-voltage characteristics of a-Si:H(P)/c-Si heterojunctions by scanning tunneling microscopy 62799
Hartmann, E. *see* Enachescu, M. 63493
Hartmann, E. *see* Koynov, S. 92887
Hartmann, E. *see* Radojkovic, P. 63121
Hartmann, F.J. *see* Niestroj, A. 80008
Hartmann, F.X. *see* Cribier, M. 110538
Hartmann, H. *see* Boettcher, K. 74184
Hartmann, H. *see* Geissler, U. 74187
Hartmann, H. *see* Plettner, A. 84241
Hartmann, H. *see* Wenisch, H. 74154
Hartmann, J. *see* Voigt, P. 106111
Hartmann, J.M. *see* Ulmer-Tuffigo, H. 62818
Hartmann, M.J., McCarthy, G.P. Computerized DC (battery) load flow calculations 81654
Hartmann, P., Bermuth, J., Hoffmann, J., Koebis, S., Reichert, E., Andresen, H.G., Aulenbacher, K., Drescher, P., Euteneuer, H., Fischer, H., Jennewein, P., Kaiser, K.-H., Kreidel, H.J., Nachtigall, C., Pluetzer, S., Schemies, M., Steffens, K.-H., Steigerwald, M., Trautner, H., Harrach, D. v., Altarev, I., Geiges, R., Grimm, K., Hammel, T., Heinen-Konschak, E., Hofmann, H., Kabuss, E.-M., Lopes-Ginja, A., Maas, F.E., Schilling, E. Picosecond polarized electron bunches from a strained layer GaAsP photocathode 120119
Hartmann, P. *see* Drescher, P. 105007
Hartmann, Q.J. *see* Ahmari, D.A. 62236
Hartmann, Q.J. *see* Kalem, S. 105236
Hartmann, Q.J. *see* Stillman, G.E. 84337
Hartmann, R., Hauff, D., Lechner, P., Richter, R., Strueder, L., Kemmer, J., Krisch, S., Scholze, F., Ulm, G. Low energy response of silicon pn-junction detector 110541
Hartmann, R., Lechner, P., Struder, L., Scholze, F., Ulm, G. The radiation entrance window of pn junction detectors 89070
Hartmann, R. *see* Lechner, P. 110543
Hartmann, R. *see* Lechner, P. 110554
Hartmann, R. *see* Soltau, H. 110553
Hartmann, R.P. *see* Ching-Cheng Shih 66452
Hartmann, S.R. *see* Moshary, F. 116731
Hartmann, T. *see* Ban, J. 69810
Hartmann, T. *see* Roseburg, D. 71390
Hartmann, U. *see* Memmert, U. 74779
Hartmann, U. *see* Mielke, F. 64522
Hartmann, W.J.A.M. *see* Shannon, J.M. 89258
Hartmut, S. A model for the simulation of polarimetric clutter signals at millimeter wave frequencies 68571
Hartnagel, H.-L. *see* Brandt, M. 115118
Hartnagel, H.L. New concepts of microwave circuits operating at increased temperatures 62264
Hartnagel, H.L. Sensors based on various physical parameters of heterostructure semiconductors 110128
Hartnagel, H.L. *see* Aller, I. 89027
Hartnagel, H.L. *see* Bellone, S. 84462
Hartnagel, H.L. *see* Berg, M. 93936
Hartnagel, H.L. *see* Berg, M. 93937
Hartnagel, H.L. *see* Bottner, T. 96005
Hartnagel, H.L. *see* Cocorullo, G. 63611
Hartnagel, H.L. *see* Dehe, A. 69145
Hartnagel, H.L. *see* Dehe, A. 88997
Hartnagel, H.L. *see* Dehe, A. 89018
Hartnagel, H.L. *see* Dehe, A. 99980
Hartnagel, H.L. *see* Dumka, D.C. 74470
Hartnagel, H.L. *see* Favaro, M.L. 105185
Hartnagel, H.L. *see* Horn, J. 62813
Hartnagel, H.L. *see* Iida, T. 114621
Hartnagel, H.L. *see* Klingbeil, H. 85948
Hartnagel, H.L. *see* Krozer, V. 83526
Hartnagel, H.L. *see* Micheel, L.J. 73313
Hartnagel, H.L. *see* Schultheis, R. 89957
Hartnagel, H.L. *see* Schussler, M. 61309
Hartnagel, H.L. *see* Schussler, M. 83393
Hartnagel, H.L. *see* Schussler, M. 113047
Hartnagel, H.L. *see* Steinhagen, F. 107283
Hartnagel, H.L. *see* Tiginyanu, I.M. 105558
Hartnell, B. *see* Gunther, G. 60869
Hartner, G. *see* Brauninger, H. 90702
Hartner, G. *see* Soltau, H. 110553
Hartnett, J. *see* Williams, R.N. 120846
Hartog, A.H. *see* Lees, G.P. 110181
Hartog, J.den *see* den Hartog, J.
Hartog, P.Den *see* Den Hartog, P.
Hartov, A. *see* Meaney, P.M. 101295
Hartree, W.S., Fox, N.P., Lambe, R.P. Towards a detector-based spectral-radiance scale in the near-ultraviolet 89076
Hartrott, M.von *see* von Hartrott, M.
Hartsell, T. Meso-American media: implications on student attitude 98862
Hartsfield, D.K. *see* Rao, N.K. 91585
Hartsough, C. *see* Baroth, B.E. 79264
Hartular, A. *see* Shekar, M.S. 106169
Hartung, M. *see* Gauer, C. 105401
Hartung, T., Lodge, R., Whittle, S., Budin, D. Increase of data throughput with BiCMOS technology 98903
Hartung, W., Barnes, P., Belomestnykh, S., Billing, M., Chiang, R., Chojnacki, E., Kirchgessner, J., Moffat, D., Padamsee, H., Pisharody, M., Rudin, D., Tigner, M. Measurement of the interaction between a beam and a beam line higher-order mode absorber in a storage ring 90028
Hartung, W. *see* Belomestnykh, S. 89896
Hartung, W. *see* Belomestnykh, S. 89897
Hartung, W. *see* Billing, M. 90005
Hartung, W. *see* Padamsee, H. 100471
Hartvigsen, D. A submodular optimization problem with side constraints 113170
Hartvigsen, J. *see* Elangovan, S. 81762
Hartwell, F.P. Serving electric fire pumps 82147
Hartwell, F.P. Applying the new 1996 NEC rules for motor circuits 91447
Hartwell, F.P. Wiring fluorescent ballasts with Class 2 controls 91929
Hartwell, F.P. Code rules for low-voltage lighting 91930
Hartwell, F.P. Unusual code issues involved in service change. I 102075
Hartwell, F.P. Wiring multiple buildings from one transformer 102076
Hartwell, F.P. Unusual design issues involved in service change. II 120995
Hartwell, F.P. *see* Lewis, W.H. 70807
Hartwell, J.K. *see* Anderl, R.A. 104251
Hartwig, F., Lacroix, A. Roundoff noise analysis on the basis of an improved floating point error model 114107
Hartwig, J. *see* Prieur, E. 105487
Hartwig, S. The importance of scan formats for bandwidth- and complexity reduction in digital image coding 67127
Hartz, C., Elrod, R. The role of optimism in the probabilistic assessment of risk: A second look at calibration of probabilities 82399
Harubin, P., Chowdhury, S., Sengupta, B. The design of a distributor in a large ATM switch 87282
Haruguchi, H. *see* Takahashi, H. 105914
Haruki, T. *see* Ohno, K. 73380
Harumoto, Y., Fujimori, A., Kawagoe, E., Kawamura, T. LSI (low surge impedance) bulk power transmission system; its 2nd preliminary study 80986
Haruna, M. *see* Fujimura, M. 116433
Haruta, K. *see* Saitoh, Y. 75789
Haruta, Y. *see* Kandori, A. 110683
Harutjunian, Z.E. *see* Loh, W.H. 75863
Haruyama, H. *see* Tagawa, N. 115701
Haruyama, J. *see* Routkevitch, D. 105392
Haruyama, M. *see* Kuga, Y. 116265
Haruyama, T. *see* Tsuchiya, K. 89626
Haruyama, T. *see* Yamamoto, A. 89625
Harvatis, C. *see* Banerjia, S. 60656
Harvel, G.D., Hori, K., Kawanishi, K., Chang, J.S. Real-time cross-sectional averaged void fraction measurements in vertical annulus gas-liquid two-phase flow by neutron radiography and X-ray tomography techniques 69565
Harvey, A. *see* Sapmaz, S. 86709
Harvey, A.J. *see* Bangert, U. 113289
Harvey, A.L. *see* He, M.G. 86699
Harvey, A.R., Yamamoto, R.M. Magnet coil electrical gaskets of high compliance and ampacity 90188
Harvey, A.R. *see* Swan, J.M. 90057
Harvey, A.R. *see* Yamamoto, R.M. 90187
Harvey, B. Current feedback amplifiers in dual configuration 61663
Harvey, B., Siu, C. Simple techniques help high-frequency op amps drive reactive loads 73109
Harvey, B., Wong, M. Broad-band operational amplifiers with single supply 113787
Harvey, C. *see* Rainey, A. 80835
Harvey, C.S. *see* Saltzberg, M.A. 65899
Harvey, E.C., Gower, M.C. Laser cutting thin films for solar panels 81882
Harvey, E.C., Rumsby, P.T., Gower, M.C., Remnant, J.L. Microstructuring by excimer laser 74920
Harvey, G.A., Chyba, T.H., Cimolino, M.C. Cleanliness and damage measurements of optics in atmospheric sensing high energy lasers 107688
Harvey, G.T. *see* Evangelides, S.G., Jr. 109667
Harvey, J. *see* Hwang, H. 83521
Harvey, J. *see* Hwang, H.-S. 83342
Harvey, J. *see* Lefebvre, L.A. 92140
Harvey, J. *see* Nuteson, T.W. 65934
Harvey, J. *see* Nuteson, T.W. 93703
Harvey, J.D. *see* Barry, L.P. 119901
Harvey, J.D. *see* Dudley, J.M. 116303
Harvey, J.D. *see* Dudley, J.M. 116342
Harvey, J.D. *see* Murdoch, S.G. 106780
Harvey, J.D. *see* Murdoch, S.G. 107508
Harvey, J.E., Reddy, S.P., Phillips, R.L. Precision pointing and tracking through random media by exploitation of the enhanced backscatter phenomenon 111408
Harvey, K. Anritsu Wiltron's Site Master drops cell site maintenance costs 99831
Harvey, K. Frequency domain reflectometry vs. time domain reflectometry [RF antenna systems] 119030
Harvey, K., Perry, P., Dong, C. A technique to assess group delay variation using scalar measurements 88951
Harvey, K.J. Environmental management in Nokia Mobile Phones 60756
Harvey, L.D.D. Solar-hydrogen electricity generation in the context of global CO_2 emission reduction 91390

Harvey, L.D.D. Solar-hydrogen electricity generation and global CO_2 emission reduction 91732
Harvey, M.G. *see* Chao, C.-P. 96849
Harvey, M.G. *see* Garbuzov, D.Z. 96243
Harvey, P.J. *see* Jillings, C.J. 74083
Harvey, R. *see* Bangham, J.A. 67237
Harvey, R. *see* Bangham, J.A. 67367
Harvey, R.J. *see* Singh, A. 74966
Harvey, S.B., Best, J.P., Soh, W.K. Vapour bubble measurement using image analysis 69567
Harvey, W.A. *see* Chun, C.S.L. 69277
Harvey, W.A. *see* McKeown, D.M. 70551
Harward, M. *see* Small, M. 63473
Harwick, P. *see* Barnes, F.S. 70858
Harwood, D. *see* Bader, D.A. 77289
Harwood, D. *see* Chellappa, R. 98329
Harwood, R. *see* Shavirin, I. 110205
Harwood, R.F. *see* Jih-Ping Peng 115741
Harwood, R.S. *see* Lahoz, W.A. 120782
Harwood, S.L. *see* Krafft, G.A. 100526
Haryu, K., Chiba, I. Synthesis of low sidelobe pattern using null points adjusting method 86000
Haryu, K., Yamasa, Y., Okamoto, T., Otsu, Y., Yoneyama, K. Development of antenna system for S-band mobile satellite communications and broadcasting 117066
Harz, M., Bruckner, W. Stress reduction in anodically bonded silicon and borosilicate glass by thermal treatment 63129
Harz, M., Bruckner, W. Thermally induced bend change of anodically bonded silicon and Pyrex wafers 64000
Harz, M. *see* Lange, K. 63204
Harzenmoser, M. *see* Fritz, D. 90190
Hasada, E. *see* Matakas, L., Jr. 71498
Hasai, H. *see* Maruyama, K. 100989
Hasan, M.-A. *see* Thompson, W.H. 114937
Hasan, M.A., Azimi-Sadjadi, M.R. A modified block FTF adaptive algorithm with applications to underwater target detection 109812
Hasan, M.K., Yahagi, T. An iterative method for the identification of multichannel autoregressive processes with additive observation noise 76907
Hasan, M.M. *see* Gupta, S.K. 95158
Hasan, M.N. *see* Abd-El-Barr, M. 73316
Hasan, P. Limiter effect on cycle slip performance of synchronization loops 67507
Hasan, S. *see* Czucha, J. 91687
Hasan, S.M.Firoz *see* Firoz Hasan, S.M.
Hasan, S.M.Rezaul *see* Rezaul Hasan, S.M.
Hasanuzzaman, M., Mastrangelo, C.H. Process compilation of thin film microdevices 74810
Haschart, D.V. *see* Sandrin, W.A. 99443
Haschberger, P., Bundschuh, M., Tank, V. Infrared sensor for the detection and protection of wildlife 69186
Hasche, K. *see* Ahbe, T. 79703
Hasche, K. *see* Ahbe, T. 79704
Hasche, K., Mirande, W., Wilkening, G. *(editors)* Proceedings of the International Seminar on Quantitative Microscopy. 125th PTB-Seminar (PTB-Bericht F-21) 72021
Hascher, W. Wafer production to order. The "smart-fab" concept 103413
Hascicek, Y.S., Pernambuco-Wise, P., Mignosi, C., Schneider-Muntau, H.J., Fellers, T.J. Microstructure of wound conductors for high field pulsed magnets 96984
Hascik, S., Lalinsky, T., Kuzmik, J., Porges, M., Mozolova, Z. The fabrication of thin GaAs cantilever beams for power sensor microsystem using RIE 115392
Hascoet, J.-Y. *see* Legoff, O. 97995
Hase, A. *see* Kunzel, H. 105613
Hase, E. *see* Kamozaki, K. 67977
Hase, N. *see* Sugiura, T. 62728
Hase, P., Menth, S. Adhesion process of electric vehicles–modeling and comparison with measured data 91832
Hase, R.C. *see* Chen, S. 63926
Hase, T., Shibutani, K., Hayashi, S., Shimada, M., Ogawa, R. Stable operation of Bi-2212 superconducting magnet with a R.T. bore 84924
Hase, T. *see* Fukumoto, Y. 84879
Hase, T. *see* Koike, H. 75061
Hase, T. *see* Shibutani, K. 84921
Hase, Y., Obara, N., Saito, H., Ohuchi, C. Slot array antenna system for COMETS advanced mobile satcom experiments 108080
Hase, Y. *see* Takeuchi, M. 68258
Hasebe, H. *see* Hashimoto, T. 89347
Hasebe, M. *see* Sakamoto, Y. 71648
Hasebe, P., Takatsu, H., Takeuchi, K., Iimura, Y., Kobayashi, S. Super twisted nematic (STN) liquid crystal displays (LCDs) using spiral polymer aligned nematic (SPAN) liquid crystals 119812
Hasebe, T. *see* Okade, M. 113593
Hasebe, T. *see* Watazawa, K. 95539
Hasegawa, A., Cullen, K.J., Mun, S.K. An adaptive-sized hybrid neural network for segmentation of breast cancer cells in pathology images 69936
Hasegawa, A., Mitsumori, Y., Minami, F. Polarization dependence of 3-pulse four wave mixing at the exciton resonance quantum beat and polarization interference 116635
Hasegawa, A. *see* Hashimoto, K. 84189
Hasegawa, A. *see* Hashimoto, K. 105636
Hasegawa, A. *see* Nozue, T. 115910
Hasegawa, B.H. *see* Bennett, P.R. 101281
Hasegawa, B.H. *see* Blankespoor, S.C. 101145
Hasegawa, B.H. *see* Blankespoor, S.C. 101286
Hasegawa, B.H. *see* Brown, J.K. 101175
Hasegawa, B.H. *see* Goh, K.L. 101263
Hasegawa, B.H. *see* Heanue, J.A. 90353
Hasegawa, B.H. *see* Heanue, J.A. 101246
Hasegawa, B.H. *see* Kalki, K. 90359
Hasegawa, B.H. *see* Kalki, K. 101098
Hasegawa, B.H. *see* Liew, S.C. 101160
Hasegawa, B.H. *see* Tang, H.R. 90362
Hasegawa, B.H. *see* Tang, H.R. 101161
Hasegawa, B.H. *see* Wu, X. 101154
Hasegawa, B.H. *see* Xiang Wu 80209
Hasegawa, E. *see* Maeda, K. 105801
Hasegawa, E. *see* Ohfuji, T. 105790
Hasegawa, F. *see* Kumagai, Y. 61225
Hasegawa, F. *see* Mori, R. 63341
Hasegawa, F. *see* Takeuchi, A. 104060
Hasegawa, F. *see* Tsuchiya, H. 82606
Hasegawa, G., Ohsaki, H., Murata, M., Miyahara, H. Performance evaluation and parameter tuning of TCP over ABR service in ATM networks 77987
Hasegawa, H. Theory of the temperature dependence of giant magnetoresistance 75206
Hasegawa, H., Kitani, S., Tsuji, A., Matsumoto, M. Outdoor substation equipment for coastal use delivered to Tokyo Electric Power Company 81634
Hasegawa, H., Moriwaki, Y., Nakashima, H., Tochihara, H. Development of a super-small size PHS terminal 78410
Hasegawa, H., Murakami, Y., Furuya, H., Shingyouji, T., Kawai, Y., Morita, E. Characterization of pn junction leakage current in bonded SOI wafers 63163
Hasegawa, H., Ohki, Y. Development of a model of on-board PEMFC powered locomotive with a metal hydride cylinder 112583
Hasegawa, H., Yotsuyanagi, M., Satoh, M., Kishi, S., Ishida, M., Yamaguchi, M. A 1.5 V 8b 8 mW BiCMOS video A/D converter 73477
Hasegawa, H. *see* Fujikura, H. 61201
Hasegawa, H. *see* Fujikura, H. 105612
Hasegawa, H. *see* Hattori, S. 108688
Hasegawa, H. *see* Kabasawa, U. 75297
Hasegawa, H. *see* Nakamura, H. 102602
Hasegawa, H. *see* Nan-Jian Wu 94570
Hasegawa, H. *see* Notzel, R. 61296
Hasegawa, H. *see* Sai, H. 103896
Hasegawa, H. *see* Suzuki, S. 63694
Hasegawa, H. *see* Uno, S. 106060
Hasegawa, H. *see* Yamanaka, N. 67843
Hasegawa, J. *see* Daeseok Rho 81048
Hasegawa, J. *see* Dai-Seub Choi 81032
Hasegawa, J. *see* Kita, H. 80875
Hasegawa, J. *see* Mekada, Y. 70035
Hasegawa, J. *see* Nara, K. 70900
Hasegawa, J. *see* Shimizu, A. 90478
Hasegawa, J. *(editor)* Proceeding of the IASTED International Conference Power Systems and Engineering 72049
Hasegawa, K. MediaShuttle services 87560
Hasegawa, K., Itozaki, H., Kado, H. Open type magnetic shields by high Tc superconducting cylinders and high-permeability cylinders 85904
Hasegawa, K., Koshiba, M. Hybrid finite-element analysis of leaky surface acoustic waves in periodic waveguides 84735
Hasegawa, K., Nara, H. Photovoltaic (PV) power system to create energy for the next age 71185
Hasegawa, K., Ohara, K., Oka, A., Kamada, T., Nagaoka, Y., Yano, K., Yamauchi, E., Kashiro, T., Nakagawa, T. Low-power video encoder/decoder chip set for digital VCRs 78271
Hasegawa, K. *see* Abe, K. 69708
Hasegawa, K. *see* Abe, K. 69726
Hasegawa, K. *see* Edamatsu, H. 83152
Hasegawa, K. *see* Ito, N. 79919
Hasegawa, K. *see* Muramatsu, K. 104056
Hasegawa, K. *see* Onozuka, M. 97005
Hasegawa, K. *see* Tamaoki, N. 95638
Hasegawa, K. *see* Tsujino, J. 101618
Hasegawa, K. *see* Tsujino, J. 101619
Hasegawa, M., Niizuma, K., Mizukoshi, H., Fujii, S., Sawa, K. Material transfer characteristic of silver contacts under resistive DC load conditions 62432
Hasegawa, M., Taira, Y. Nematic homogeneous alignment by photo depolymerization of polyimide 82777
Hasegawa, M. *see* Kato, T. 121124
Hasegawa, M. *see* Kimura, S. 79680
Hasegawa, M. *see* Kobayashi, N. 104028
Hasegawa, M. *see* Niizuma, K. 62415
Hasegawa, M. *see* Nitta, Y. 73370
Hasegawa, M. *see* Sugimoto, M. 95523
Hasegawa, N., Makino, A., Koike, F., Ikarashi, K. Spin-valves with antiferromagnetic α-Fe_2O_3 layers 115628
Hasegawa, N. *see* Imai, A. 94858
Hasegawa, N. *see* Makino, A. 95341
Hasegawa, N. *see* Yamamoto, M. 75079
Hasegawa, R. *see* Sommer, R.L. 75115
Hasegawa, S., Nitta, S., Nonomura, S. Ultra-low frequency CPM of a-Si:H and relaxation 94410
Hasegawa, S. *see* Koganezawa, S. 115797
Hasegawa, S. *see* Mizoshita, Y. 64409
Hasegawa, S. *see* Takaishi, K. 63978
Hasegawa, S. *see* Uemura, A. 92714
Hasegawa, S. *see* Yoshikawa, H. 96799
Hasegawa, S. *see* Yoshimura, N. 64156
Hasegawa, T., Fukumori, T., Kaminishi, K., Matsuda, T. Application of position-sensitive proportional counter to X-ray spectroscopy 120234
Hasegawa, T., Hasegawa, T., Kato, T., Suzuki, K. Implementation and performance evaluation of TCP gateway for LAN interconnection through wide area ATM network 77976
Hasegawa, T., Hikichi, Y., Koizumi, T., Kumakura, H., Kitaguchi, H., Togano, K. Preparation of $Bi_2Sr_2CaCu_2O_x$ phase multilayer superconducting tape and coil fabrication 106729
Hasegawa, T., Yamaji, K., Irokawa, H., Tanabe, S. A 500-kV HVDC valve using 8-kV LTT 81015
Hasegawa, T., Yamaji, K., Sanpei, M., Tada, K., Yasuda, S., Ishiguro, F. System design of an HVDC converter station 91105
Hasegawa, T. *see* Habuchi, H. 99129
Hasegawa, T. *see* Hasegawa, T. 77976
Hasegawa, T. *see* Ishida, O. 109317
Hasegawa, T. *see* Ishida, R. 78546
Hasegawa, T. *see* Ishizaki, F. 60789
Hasegawa, T. *see* Ishizaki, F. 77613
Hasegawa, T. *see* Juping Yang 86876
Hasegawa, T. *see* Kasahara, S. 82381
Hasegawa, T. *see* Kudva, S.M. 92351
Hasegawa, T. *see* Miyoshi, N. 60798
Hasegawa, T. *see* Mochida, Y. 119638
Hasegawa, T. *see* Momozawa, M. 67151
Hasegawa, T. *see* Momozawa, M. 98189
Hasegawa, T. *see* Nakata, T. 111810
Hasegawa, T. *see* Ogiwara, H. 75298
Hasegawa, T. *see* Ohuchi, K. 99130
Hasegawa, T. *see* Ohuchi, K. 117914
Hasegawa, T. *see* Shibata, I. 104092
Hasegawa, T. *see* Tadokoro, M. 121753
Hasegawa, Y., Egawa, T., Jimbo, T., Umeno, M. GaAs-based LED on Si substrate with GaAs islands active region by droplet-epitaxy 107012
Hasegawa, Y., Itoh, K., Izawa, H., Itoh, T. Development of micro mobile machine with wheels 71375
Hasegawa, Y., Ogata, Y., Yamaguchi, K., Iwato, N., Kanamori, M., Nagasako, I. 3.4 V operation power amplifier multi-chip ICs for digital cellular phones 73811
Hasegawa, Y. *see* Abe, K. 69708
Hasegawa, Y. *see* Abe, K. 69726
Hasegawa, Y. *see* Li, L. 94450
Hasegawa, Y. *see* Murakami, T. 112423
Hasegawa, Y. *see* Shinohara, S. 104336
Hasei, S. *see* Seki, Y. 118328
Haselden, A.R. *see* Bennet, J.M. 90165
Haselier, H. *see* Pollak, R. 114997
Haseltine, E.C., Ansley, D. Lasers have a bright future in projection displays 119821
Hasemi, A. *see* Yamashita, T. 118659
Hasenberg, T.C., Miles, R.H., Kost, A.R., West, L., Chow, D.H. MWIR lasers employing GaInSb/InAs broken-gap superlattice active regions and superlattice cladding layers 65258
Hasenberg, T.C. *see* Koehler, S.D. 65003
Hasenberg, T.C. *see* McCahon, S.W. 114797
Hasenclever, J., Scharf, G. Evolution of microstructure and texture in Al 99/99 – foils for high voltage electrolytic capacitors 113506
Hasenohrl, S. *see* Kovac, J. 100046
Haseroth, H. *see* Blas, F. 79935
Haseroth, H.D. The CERN Heavy Ion Accelerating Facility 79816
Haseyama, M., Aketa, Y., Kitajima, H. A method quantizing filter coefficients with genetic algorithm and simulated annealing 114116
Haseyama, M. *see* Aketa, Y. 93596
Haseyama, M. *see* Kikuchi, M. 108691
Haseyama, S., Kojima, M., Yoshizawa, S., Mukoyama, S., Ishikawa, N., Shibuya, S. Magnetic shielding room with high-Tc superconductor 85903
Haseyama, S. *see* Kojima, M. 82770
Hashem, G.M. *see* Richardson, J. 122004
Hashem, S. *see* Van Slyke, M.A. 110866
Hashemi, H., Tholl, D., Vlasschaert, T. A study of CW spatial fading of the indoor radio propagation channel 65860
Hashemi, H. *see* Abtahi, M. 88618
Hashemi, H. *see* Hassanzadeh, S. 97105
Hashemi, M.M. *see* Shealy, J.B. 115250
Hashemi, S., Hammond, J.K. The interpretation of singular values in the inversion of minimum and non-minimum phase systems 86243
Hashemian, H.M. Aging of nuclear plant instrumentation 91270
Hashemian, H.M. Precision calibration of RTDs for nuclear power plants 91271
Hashemian, H.M. Response time testing of temperature and pressure sensors in nuclear power plants 91272
Hashemian, R. Efficient variable-length coding under an assigned maximum code-length constraint 117436
Hashi, S., Ishiyama, K., Arai, K.I., Kawasaki, M., Yamashiro, Y. Study on the deformation of 3%Si-Fe single crystal with magnetic field being deviated from [001] 115580
Hashi, S. *see* Yamashiro, Y. 64210
Hashiguchi, A. *see* Kurokawa, M. 77536
Hashiguchi, G., Mimura, H., Fujita, H. Multilayered fabrication of microstructures and thin film transistors–application to polycrystalline silicon field emitters controlled by TFTs 74889

Hashiguchi, G. *see* Ishikuro, H. 74722
Hashikawa, N., Watanabe, K., Kikuchi, Y., Oshima, Y., Hashimoto, I. The determination of arsenic atom concentration in arsenic-doped silicon by using HOLZ analysis 74106
Hashim, M.D.R., Lever, R.F., Ashburn, P., Parker, G.J. Effect of transistor geometry on the electrical characteristics of $Si_{1-x}Ge_x$ heterojunction bipolar transistors at low temperatures 94920
Hashim, M.D.R. *see* Ashburn, P. 63583
Hashim, M.D.R. *see* Ashburn, P. 63603
Hashimi, K., Matsunaga, D., Kanazawa, M., Tomoyasu, M., Koshiishi, A., Ogasawara, M. Influence of gas chemistry and ion energy on contact resistance 74561
Hashimi, S.B., Carrasco, R.A. New rotationally invariant ring-TCM codes for M-PSK on fading channels 86028
Hashimi, S.B., Carrasco, R.A. 4PSK-BCM-code diversity versus 4PSK-ring-TCM over the mobile satellite channel 88169
Hashimoto, A., Yasui, K., Kusui, S. Self-calibrating standard watthour meter 102313
Hashimoto, A. *see* Kaneko, S. 71159
Hashimoto, A. *see* Katoh, H. 109589
Hashimoto, A. *see* Nakada, K. 121235
Hashimoto, A. *see* Umehira, M. 67931
Hashimoto, A. *see* Yamamoto, A. 104069
Hashimoto, C., Nakajima, S. Failure-analysis-based test chip design for quick yield improvement 95185
Hashimoto, C. *see* Miura, H. 74752
Hashimoto, H., Takaragi, K. Network security technologies 98648
Hashimoto, H. *see* Amano, N. 98070
Hashimoto, H. *see* Ohuchi, K. 78076
Hashimoto, H. *see* Sabe, K. 86997
Hashimoto, I. *see* Hashikawa, N. 74106
Hashimoto, K. Visual servoing 67419
Hashimoto, K., Ebine, T., Kimura, H. Visual servoing with hand-eye manipulator–optimal control approach 117567
Hashimoto, K., Endoh, G., Ohmaru, H., Yamaguchi, M. Analysis of surface acoustic waves obliquely propagating under metallic gratings with finite thickness 84736
Hashimoto, K., Endoh, G., Yamaguchi, M. Coupling-of-modes modelling for fast and precise simulation of leaky surface acoustic wave devices 106425
Hashimoto, K., Hikosaka, Y., Hasegawa, A., Nakamura, M. Reduction of electron shading damage using synchronous bias in pulsed plasma 84189
Hashimoto, K., Hikosaka, Y., Hasegawa, A., Nakamura, M. Reduction of the charging damage from electron shading 105636
Hashimoto, K., Kageyama, M., Touchi, K., Onoda, H. Electromigration performance in Al layered interconnects using Ti and/or TiN layers 63476
Hashimoto, K., Ueda, M., Kawachi, O., Ohmori, H., Ikata, O., Uchishiba, H., Nishihara, T., Satoh, Y. Development of ladder type SAW RF filter with high shape factor 104672
Hashimoto, K. *see* Abbott, B.P. 106423
Hashimoto, K. *see* Arimoto, H. 94794
Hashimoto, K. *see* Asada, T. 113733
Hashimoto, K. *see* Hirasawa, N. 95330
Hashimoto, K. *see* Kawashima, A. 102958
Hashimoto, K. *see* Koide, Y. 74461
Hashimoto, K. *see* Onoda, H. 94837
Hashimoto, K. *see* Shibata, Y. 98884
Hashimoto, K. *see* Tezuka, T. 116329
Hashimoto, K. *see* Ueno, K. 105885
Hashimoto, K. *see* Yamada, S. 93390
Hashimoto, K. *see* Yamamura, T. 81826
Hashimoto, M., Ishiwata, N., Nakada, M., Tsuboi, S., Okumura, T., Yanagisawa, M. High speed, high recording density magnetic disk storage technology 115700
Hashimoto, M., Uchida, I., Hatakoshi, S. Over an order of magnitude DRAM test time reduction by charge offset 113951
Hashimoto, M., Watanuki, S., Koshida, N., Komuro, M., Atoda, N. Dual function of thin MoO_3 and WO_3 films as negative and positive resists for focused ion beam lithography 94853
Hashimoto, M. *see* Fukuoka, K. 95606
Hashimoto, M. *see* Fukuoka, K. 106676
Hashimoto, M. *see* Fukutomi, H. 102407
Hashimoto, M. *see* Ishikawa, J. 64408
Hashimoto, M. *see* Kawano, T. 101058
Hashimoto, M. *see* Kimura, K. 84859
Hashimoto, M. *see* Kimura, K. 84923
Hashimoto, M. *see* Migitaka, S. 105810
Hashimoto, M. *see* Mizunami, T. 106784
Hashimoto, M. *see* Okabe, A. 115712
Hashimoto, M. *see* Sato, S. 91899
Hashimoto, M. *see* Uchino, S.-I. 105794
Hashimoto, N. *see* Ohki, H. 86663
Hashimoto, N. *see* Yoh, K. 84439
Hashimoto, O., Abe, T. The FDTD analysis on permittivity measurement using rectangular cavity resonator 119836
Hashimoto, O., Ikeda, K., Abe, T. A study of error due to deformation of sample on permittivity measurement by standing-wave method on rectangular waveguide 110325
Hashimoto, O., Tsuchida, W., Nishizawa, S. Numerical discussion on decrement of human body SAR by means of shielding material 110956
Hashimoto, O. *see* Kim, Y.D. 69812
Hashimoto, S., Takayama, K. Nonlinear resonances in a multi-stage free electron laser amplifier 107384
Hashimoto, S. *see* Bessho, K. 115518
Hashimoto, S. *see* Dingding Chang 97908
Hashimoto, S. *see* Ito, M. 69115
Hashimoto, S. *see* Kobayashi, S. 108735
Hashimoto, S. *see* Konishi, H. 69911
Hashimoto, S. *see* Kuwamura, Y. 106867
Hashimoto, S. *see* Miyajima, H. 79359
Hashimoto, S. *see* Nishio, H. 106626
Hashimoto, S. *see* Saeki, T. 73369
Hashimoto, S. *see* Sawada, H. 119511
Hashimoto, S. *see* Takao, M. 100453
Hashimoto, S. *see* Yoshino, H. 105775
Hashimoto, T. Good error detection codes satisfy the expurgated bound 66417
Hashimoto, T., Katoh, K., Hasebe, H., Takatsu, H., Iwamoto, Y., Iimura, Y., Kobayashi, S. Polymer-stabilized amorphous TN-LCD 89347
Hashimoto, T., Sato, F., Tatsumi, T., Tashiro, T. Boron spike effect on cut-off frequency and early voltage in SiGe HBTs 84328
Hashimoto, T. *see* Iimura, Y. 119811
Hashimoto, T. *see* Kamigaki, Y. 114823
Hashimoto, T. *see* Kaneko, S. 71159
Hashimoto, T. *see* Kaneko, S. 88139
Hashimoto, T. *see* Limura, Y. 85145
Hashimoto, T. *see* Mino, S. 64999
Hashimoto, T. *see* Mizusaki, J. 81794
Hashimoto, T. *see* Nakasuga, Y. 116284
Hashimoto, T. *see* Okuno, A. 112954
Hashimoto, T. *see* Sato, F. 63906
Hashimoto, T. *see* Sato, F. 68437
Hashimoto, T. *see* Sato, F. 119167
Hashimoto, T. *see* Sugiyama, T. 85146
Hashimoto, T. *see* Takayama, T. 65272
Hashimoto, T. *see* Tanaka, H. 83329
Hashimoto, T. *see* Tanaka, T. 76020
Hashimoto, T. *see* Terashima, K. 85691
Hashimoto, T. *see* Terashima, M. 85213
Hashimoto, T. *see* Terui, H. 107019
Hashimoto, T. *see* Tsuchiya, H. 66953
Hashimoto, T. *see* Uchida, N. 88639
Hashimoto, T. *see* Uchida, N. 109616
Hashimoto, T. *see* Yoshida, Y. 91110
Hashimoto, T. *see* Yoshioka, Y. 113311
Hashimoto, Y., Horii, H., Yusa, K. 64 gray scale LCD driver IC μPD16630/16631 73174
Hashimoto, Y., Kohara, N., Negami, T., Nishitani, M., Wada, T. Surface characterization of chemically treated $Cu(In,Ga)Se_2$ thin films 114947
Hashimoto, Y., Kumeta, M., Yusa, K. Full color LCD driver IC μPD16601 73176
Hashimoto, Y. *see* Ogawa, Y. 63274
Hashimoto, Y. *see* Tahara, S. 115915
Hashimoto, Y. *see* Yatsuzuka, M. 62593
Hashimshony, D. *see* Papadopoulos, K. 106298
Hashish, A.H. *see* Fleming, J.S. 90315
Hashitsume, Y. *see* Asai, Y. 98751
Hashizume, H., Toda, S. Three dimensional evaluation of the current distribution in twisted superconductors 64512
Hashizume, H., Toda, S., Maeda, K. Numerical evaluation of electromagnetic force induced in high T_c superconductor with grain boundary 64515
Hashizume, K., Tsutsui, M., Kaneko, T., Otani, S., Yoshimura, S. Electrochemical properties of carbons obtained from precursors of electrochemically polymerized polymers 112304
Hashizume, T., Matsuo, M., Inoue, S., Miyasaka, M., Takenaka, S., Yudasaka, I., Ohshima, H. 14 μm pixel pitch poly-Si TFT-LCD with integrated single data driver for full color VGA panel 89266
Hashizume, T. *see* Heike, S. 114587
Hashizume, T. *see* Matsuo, M. 89373
Hashizume, T. *see* Sai, H. 103896
Hashizume, T. *see* Sakuma, T. 108887
Hashizume, T. *see* Shinoda, C. 70915
Hashizume, T. *see* Uno, S. 106060
Hashmi, M.S.J. *see* Murphy, M.J. 113450
Hasib, A., Hacioglu, K. Source combined linear predictive analysis in pulse-based speech coders 86120
Hasimoto, M. *see* Hirano, S. 69932
Haskard, M.R. *see* Murfett, D.B. 74869
Haskell, B.G. *see* Puri, A. 87920
Haskell, T.G. *see* Barnes, T.H. 65547
Haskew, T.A., Stern, H.P., Zuojun Chen Efficient dynamic synchronous machine simulation with harmonics 81419
Haskins, P.S., McKisson, J.E., Neelands, K.C., Henderson, D.P., Jr. Point source resolution performance of a germanium Compton camera 90152
Haskins, P.S., McKisson, J.E., Neelands, K.C., Henderson, D.P., Jr. Point source resolution performance of a germanium Compton camera 101036
Haskins, P.S. *see* McKisson, J.E. 101041
Haskins, P.S. *see* McKisson, J.E. 101042
Haslam, S. *see* Pidduck, A.J. 95839
Hasler, A.F. *see* Palaniappan, K. 80637
Hasler, M. *see* Feldmann, U. 117109
Hasler, P. *see* Minch, B.A. 62067
Hasler, P. *see* Minch, B.A. 106233
Haslett, J., Trofimenkoff, F., Finvers, I., Sabouri, F., Smallwood, R. High temperature electronics using silicon technology 73574
Haslett, J.W. *see* Gupta, A.K. 93146
Haslett, J.W. *see* Sabouri, F. 110058
Hasman, F. *see* Danziger, Y. 116767
Hasnat, K., Yeap, C.-F., Jallepalli, S., Shih, W.-K., Hareland, S.A., Agostinelli, V.M., Jr., Tasch, A.F., Jr., Maziar, C.M. A pseudo-lucky electron model for simulation of electron gate current in submicron NMOSFET's 94956
Hasoon, F. *see* Li, X. 112366
Hasoon, F.S. *see* Levi, D.H. 94368
Hasoon, F.S. *see* Levi, D.H. 112368
Haspeklo, H. *see* Stotz, M. 108077
Haspel, M., Weiss, B. δ function discontinuities in maximum spectral energy probability density function of pseudorandom sequences 97433
Haspeslagh, D. *see* Chang, Z.Y. 104684
Haspeslagh, D. *see* Macq, D. 67968
Haspeslagh, L. *see* Seijnaeve, J. 99995
Haspeslagh, L. *see* Van Houdt, J. 83117
Hass, K. Computer simulation of electromagnetic wave propagation through undersized wave guides 107973
Hass, M. *see* Barak, J. 73388
Hass, M. *see* Barak, J. 104553
Hassam, G. *see* Shah, G.A. 80256
Hassan, A. *see* Rydbeck, N. 118875
Hassan, A. *see* Sharma, G. 117180
Hassan, A.A., Molnar, K.J., Imai, H. Bit-error-rate of an optical two-users communications technique 68391
Hassan, A.A., Stark, W.E., Hershey, J.E. Error rate for optimal follower tone-jamming 65888
Hassan, A.A. *see* Chennakeshu, S. 99230
Hassan, A.A. *see* Molnar, B.D. 117138
Hassan, A.A.-R.Al *see* Al Hassan, A.A.-R.
Hassan, B.E. *see* Renaudin, M. 73299
Hassan, B.El *see* El Hassan, B.
Hassan, E.E., Ragheb, H. Design of linear phase Nyquist filters 73520
Hassan, I.E. *see* Iravani, M.R. 91033
Hassan, L.H.Abu *see* Abu Hassan, L.H.
Hassan, M. Investigation of the thermal current-carrying capacity of the jointing systems for Cu-coated sheathed cables 81120
Hassan, M. *see* Rabbani, K.S. 101394
Hassan, M. *see* Rabbani, K.S. 110837
Hassan, O. *see* Morgan, K. 85850
Hassan, Y.A., Philip, O.G., Schmidl, W.D. Two-phase velocity measurements around cylinders using particle image velocimetry 89571
Hassan, Y.A. *see* Reyes, J.P. 81264
Hassan Amrani, M.E., Payne, P.A., Persaud, K.C. Multi-frequency measurements of organic conducting polymers for sensing of gases and vapours 119772
Hassan-Nikhajoei *see* Jafar-Soltani-Zamani 112480
Hassanein, H., Brind'Amour, A., Bryden, K. Vector quantization of the harmonic spectrum in frequency selective harmonic coding at 2400 bps 97603
Hassanzadeh, S., Hashemi, H. A propagation model for microcellular mobile and personal radio communications 97105
Hasse, H., Becker, M., Grossmann, K., Maurer, G. Top-down model for dynamic simulation of cold-storage plants 82015
Hasse, K. *see* Walczyna, A.M. 121920
Hasse, P., Noack, F. Lightning protection for buildings and electrical installations 81149
Hassebrook, L. *see* Mao Wang 117852
Hassebrook, L.G. *see* Lhamon, M.E. 117761
Hassel, J., Tschoke, A. New concepts in meter reading: RDT system in use in supply undertakings 91238
Hasselgren, J., Nyberg, H., Olin, B. Handling overload in AXE 10 88022
Hassell, F. *see* Buelow, L.D. 65407
Hassell, F.R., Groark, F.M. Fabrication of a 20.5 inch diameter segmented silicon annular optic prototype for the ROMA program 65395
Hasselmann, F.J.V. *see* Bergmann, J.R. 66072
Hasselt, C.W.van *see* van Hasselt, C.W.
Hassenzahl, D.M. The role of experts in Federal hazardous waste legislative decisions 92356
Hasser, C. *see* Repperger, D.W. 70253
Hasser, C.J., Daniels, M.W. Tactile feedback with adaptive controller for a force-reflecting haptic display. 1. Design 80160
Hasser, C.J., Daniels, M.W. Tactile feedback with adaptive controller for a force-reflecting haptic display. 2. Improvements and evaluation 80161
Hassin, R. On the advantage of being the first server 82380
Hassler, C. *see* Stein, R.A. 105586
Hasslinger, G., Adam, M. Modelling and performance analysis of traffic in ATM networks including autocorrelation 87362
Hasslinger, G., Rieger, E.S. Analysis of open discrete time queueing networks: a refined decomposition approach 60792
Hasson, J., Bobrovsky, B.Z. A unified approach to calculate the MTLL for code tracking loops 88398
Hasson, V. *see* Chou, H.P. 107047
Hasson, V. *see* Eng, R.S. 107048
Hasson, V. *see* Eng, R.S. 107049
Hasson, V. *see* Kovacs, M. 109805

Hassonah, W. *see* Drozd, A. 73245
Hassoun, M., Weber, R., Willham, R., Greenfield, T. A VLSI prototype for a remote livestock record system 89179
Hassoun, M.H. *see* Sudjianto, A. 108611
Hassoun, M.H. *see* Watta, P.B. 60892
Hassoun, M.H. *see* Watta, P.B. 103104
Hassoun, M.M., Huelsman, L.P. Symbolic circuit analysis: an overview 93038
Hassoun, S., Ebeling, C. Architectural retiming: pipelining latency-constrained circuits 82878
Hassouni, K. *see* Gicquel, A. 72928
Hassur, K. *see* Mansingh, V. 60646
Hastad, J. Testing of the long code and hardness for clique 98461
Hastad, J., Leighton, T., Rogoff, B. Analysis of backoff protocols for multiple access channels 108864
Hasteer, G., Banerjee, P. A parallel algorithm for state assignment of finite state machines 93086
Hastings, A. Integrated MOSFET interface for a synchronously-rectified SMPS 61638
Hastings, C. FIFO flag timing: marching to two different drummers 61884
Hastings, C. The Sharp LH543620 1024×36 synchronous FIFO: a customer-defined product 61911
Hastings, C. Different strokes: how to cascade and parallel FIFOs of various architectures 73362
Hastings, C. FIFO flag timing: marching to two different drummers 73363
Hastings, C.E. *see* Van Andrews, G. 93165
Hastings, D.E. *see* Samanta Roy, R.I. 120644
Hastings, M.C., Anderson, B.L., Bornain Chiu, Holcomb, D.E. Effects of gamma radiation on high-power infrared and visible laser diodes 75998
Hastings, M.P. *see* Baker, I.M. 89089
Hastings, N.A.J. *see* Ang, J.Y.T. 92329
Hastings, N.E., McLean, P.A. TCP/IP spoofing fundamentals 109057
Hastings, P.R. *see* Holland, W.S. 79101
Hasty, T. *see* Liu, C.-Y. 75691
Hasuike, K. *see* Okada, H. 90146
Hasumi, H. *see* Sakata, Y. 107279
Hasunuma, M. *see* Toyoda, H. 115004
Hasunuma, R. *see* Komeda, T. 74589
Hasuo, M., Nagasawa, N. Finding of the radiative decay channel of a biexciton leaving a $Z_{1,2}-1s$ exciton behind in CuCl 74304
Hasvold, O., Henriksen, H., Syversen, B. Improvements in the rate capability of the magnesium-dissolved oxygen sea-water cell 112180
Hata, C. *see* Omi, S. 76233
Hata, F. *see* Watazawa, K. 95539
Hata, K., Nakayama, F., Saito, Y., Ohshita, A. Control of formation sites for liquid-Li cones on a W ⟨100⟩ tip by means of the remolding method 73973
Hata, K., Ohya, J., Kishino, F. Automatic extraction and tracking of moving contours by an AIC-based ACM 86642
Hata, K. *see* Sung Hwan Cho 74133
Hata, M. *see* Nakanishi, T. 73558
Hata, N., Osborne, I.S., Ikeda, T., Durny, R., Matsuda, A. Light-induced metastability of "stable" a-Si:H deposited from silane-dichlorosilane mixtures–comprehensive characterization 94238
Hata, N. *see* Kamei, T. 92885
Hata, N. *see* Osborne, I.S. 92790
Hata, N. *see* Tkeda, I. 92883
Hata, S. *see* Tsunetsugu, H. 99508
Hata, Y. *see* Kamiura, N. 61829
Hatada, H. *see* Suzuki, A. 73352
Hatada, T. Multimedia and human visual function 87995
Hatae, H. *see* Ozaki, T. 69287
Hatae, T. *see* Kawano, Y. 65583
Hatafuku, H., Takahashi, S. Magnetic domain structures of plastically deformed Ni_3Fe alloys 64206
Hataguchi, T., Sugihara, K. Exact algorithm for Minkowski operators 87079
Hatakenaka, N., Kurihara, S. Josephson cascade micromaser 107035
Hatakeyama, A. *see* Miyai, H. 100238
Hatakeyama, I., Nagahori, T., Yoneda, I., Kurata, K., Miyoshi, K., Higashino, K., Yamazaki, S., Fukushima, K., Itoh, M. Low cross talk 8-channel array optical transmitter and receiver for star topology access networks 78680
Hatakeyama, I. *see* Nagahori, T. 119217
Hatakeyama, K., Togawa, H. Shielding evaluation method for microwave and millimeter waves by parallel-plate guide with center dielectric rod 85882
Hatakeyama, M. *see* Tanaka, S. 106269
Hatakeyama, T. *see* Fukuda, H. 120404
Hatakeyama, T. *see* Takano, H. 120282
Hatakeyama, T. *see* Takano, H. 121747
Hatakeyama, Y., Chida, M., Kumakura, E., Kakazu, Y. Local segmentation method for lesion detection in X-ray CT brain images 80219
Hatakka, P. *see* Mattila, K.T. 120285
Hatakoshi, G. *see* Rennie, J. 64984
Hatakoshi, S. *see* Hashimoto, M. 113951
Hatalis, M.K., Kouvatsos, D.N., Lin, S.-H., Voutsas, A.T., Kung, J., Liu, Q. Effect of grain size and process temperature on distribution of polysilicon TFT electrical characteristics 84399
Hatalis, M.K. *see* Kouvatsos, D.N. 105950
Hatalis, M.K. *see* Kouvatsos, D.N. 105953
Hatalis, M.K. *see* Olasupo, K.R. 94952
Hatalis, M.K. *see* Olasupo, K.R. 94959
Hatami-Hanza, H., Mostofi, A., Chu, P.L. A multilevel soliton communication system 65482
Hatami-Hanza, H., Mostofi, A., Chu, P.L., Malomed, B.A. Optimum dispersion profile for soliton compression in dispersion decreasing fibres 76146
Hatamoto, C., Fu, H., Feher, K. A simple measurement method to determine the burst acquisition time of digital systems 68999
Hatamoto, N. *see* Mutoh, N. 87618
Hatamura, Y. *see* Mitsuishi, M. 84652
Hatamura, Y. *see* Nakao, M. 75246
Hatamura, Y. *see* Tanaka, S. 106269
Hatanai, T. *see* Makino, A. 95341
Hatanaka, H. *see* Nagasaka, A. 98893
Hatanaka, K., Takahisa, K., Tamura, H., Kaneko, H., Miura, I. High intensity polarized ion source at RCNP 120086
Hatanaka, K. *see* Okamura, H. 119991
Hatanaka, K. *see* Sakai, H. 119994
Hatanaka, K. *see* Sato, K. 100751
Hatanaka, M. *see* Sakakibara, K. 95205
Hatanaka, N. *see* Takayanagi, T. 73424
Hatanaka, T., Uosaki, K. Optimal auxiliary input for fault detection and fault diagnosis 113012
Hatanaka, T. *see* Nadaya, N. 67717
Hatanaka, Y., Aoki, T., Morita, M., Nakanishi, Y. ZnSe crystal growth by radical assisted MOCVD 104030
Hatanaka, Y., Kitamura, K., Wickramanayaka, S., Nakanishi, Y., Tyczkowski, J. Remote plasma depositions of SiC_xN_y film using hexamethyldisilazane 113479
Hatanaka, Y. *see* Aoki, T. 61172
Hatanaka, Y. *see* Aoki, T. 72814
Hatanaka, Y. *see* Aoki, T. 92851
Hatanaka, Y. *see* Jayatissa, A.H. 63212
Hatanaka, Y. *see* Jayatissa, A.H. 72944
Hatanaka, Y. *see* Jayatissa, A.H. 83802
Hatanaka, Y. *see* Jayatissa, A.H. 92854
Hatanaka, Y. *see* Nakanishi, Y. 64905
Hatanaka, Y. *see* Nakanishi, Y. 64953
Hatanaka, Y. *see* Nakanishi, Y. 95967
Hatanaka, Y. *see* Nakanishi, Y. 104031
Hatanaka, Y. *see* Wickramanayaka, S. 74290
Hatanaka, Y. *see* Wickramanayaka, S. 92853
Hatanaka, Y. *see* Wickramanayaka, S. 114658
Hatano, A. *see* Ohba, Y. 103847
Hatano, H., Kanai, S. High-frequency ultrasonic cleaning tank utilizing oblique incidence 90868
Hatano, M. *see* Izumihara, A. 80198
Hatano, M. *see* Sampei, M. 121099
Hatano, M. *see* Yoshida, Y. 91108
Hatano, M. *see* Yoshida, Y. 91683
Hatano, M. *see* Yue-Jin Tang 71383
Hatano, S. *see* Michiguchi, Y. 67828
Hatano, S. *see* Nagayama, K. 116745
Hatano, T. *see* Suehara, S. 110139
Hatano, X.I. *see* Kato, T. 121085
Hatano, Y. *see* Kasezawa, T. 67364
Hatayama, K. *see* Date, H. 61762
Hatayama, T., Fuyuki, T., Matsunami, H. Initial stages in heteroepitaxy of 3C-SiC on Si by gas source molecular beam epitaxy 103984
Hatch, D. Design and development of unshielded and shielded twisted pair connecting hardware used in high speed LAN applications 114404
Hatchard, C. *see* Hopkins, M. 76469
Hatcher, J. *see* Lowry, R.K. 92276
Hatcher, S.R. *see* Waltar, A.E. 81227
Hatchwell, C.E. *see* Sammes, N.M. 81844
Hatfield, J.V., Armitage, A.D. High frequency ultrasonic scanning system 101093
Hatfield, J.V., Bell, S., Neaves, P.I. A wedge and strip particle detector based on a current-mode approach 80133
Hatfield, L.L. *see* Crawford, M. 62590
Hatfield, M.O. *see* Freyer, G.J. 97157
Hatfield, M.O. *see* Johnson, D.M. 70379
Hatfield, T. *see* Juutilainen, J. 70265
Hathawa, D. *see* Holdener, F.R. 100432
Hathaway, D.J., Habra, R.R., Schanzenbach, E.C., Rothman, S.J. Circuit placement, chip optimization, and wire routing for IBM IC technology 115269
Hathaway, K.B. *see* Teter, J.P. 75122
Hathaway, R.J., Bezdek, J.C., Pedrycz, W. A parametric model for fusing heterogeneous fuzzy data 97798
Hathaway, R.J. *see* Karayiannis, N.B. 108144
Hathcock, S. *see* Yu, Z. 94589
Hathouti, A. *see* Boudiaf, A. 71906
Hatney, R. *see* Loria, C.J. 90686
Hato, T. *see* Takauchi, H. 82721
Hatoh, H., Hisatake, Y., Sato, M., Ohyama, T., Watanabe, R. Lateral-electric-field diffraction mode LCD for projection display systems 89240
Hatoh, H. *see* Sato, M. 89302
Hatoh, H. *see* Tanaka, Y. 89352
Hatoh, H. *see* Yamamoto, T. 110300
Haton, J.-P. *see* Atal, B.S. 76869
Haton, J.-P. *see* Siohan, O. 97638
Hatori, F. *see* Takayanagi, T. 73424
Hatori, M. *see* Aizawa, K. 69285
Hatori, M. *see* Hamamoto, T. 69326
Hatori, M. *see* Naito, M. 77501
Hatori, M. *see* Oami, R. 67196
Hatori, M. *see* Oami, R. 97891
Hatori, M. *see* Sakai, M. 114097
Hatori, N., Mukaihara, T., Ohnoki, N., Mizutani, A., Koyama, F., Iga, K. N-type modulation doped strained InGaAs/AlGaAs quantum well lasers grown by metal organic chemical vapor deposition 107354
Hatori, Y. *see* Katsuno, S. 118309
Hatori, Y. *see* Sakazawa, S. 108572
Hatsuda, T., Mituhashi, R., Okuno, S., Inoue, H., Aoki, Y., Takahata, F., Takahata, F. Propagation characteristics experiment via JCSAT for the Hokkaido Integrated Telecommunication network 88395
Hatsuda, T., Narita, T., Tajika, Y., Narita, M., Mitsuhashi, R., Sasaki, I., Shimizu, K., Aoki, Y. System design of packet communication ultra small aperture terminal system for the Hokkaido Integrated Telecommunication network 88394
Hatsuda, T. *see* Mitsuhashi, R. 88686
Hatsuda, T. *see* Sasaki, I. 85384
Hatsugai, A. *see* Sano, Y. 74821
Hatsukaiwa, T. *see* Nitta, Y. 71717
Hatsukawa, Y. *see* Ichikawa, S. 90112
Hatsuzawa, T. Precision measurements of electron beam diameters by using a micro-laser interferometer 90065
Hatta, A. *see* Higa, A. 61262
Hatta, A. *see* Jiang, N. 94233
Hatta, A. *see* Wadayama, T. 105739
Hatta, A. *see* Won, J.H. 61374
Hatta, I., Muramatsu, S. High precision heat capacity measurement by dynamic differential scanning calorimetry 89551
Hatta, Y. *see* Ugai, Y. 106872
Hattel, S.A., Grunnet-Jepsen, A., Samuelsen, M.R. Dynamics of three coupled long Josephson junctions 115940
Hattori, A. *see* Ikeda, H. 89248
Hattori, H., Takeo, T., Yagi, R., Uchida, Y. Stereolithography employing a real-image production technique by holography 76280
Hattori, H. *see* Habibi, S. 63312
Hattori, H. *see* Nishikiori, S. 120640
Hattori, H. *see* Takeo, T. 88843
Hattori, H. *see* Tanaka, J. 105616
Hattori, J., Kubo, H., Abe, S., Nishiyama, T., Ishikawa, Y. Compact transmitting dielectric resonator filter using capacitive loaded dual mode method for PCS microcellular base station 93723
Hattori, J. *see* Ishikawa, Y. 62187
Hattori, J. *see* Ishikawa, Y. 93745
Hattori, K. Progress in Japanese frontier projects on ion beam processing of advanced materials 94705
Hattori, K., Kitagawa, T., Oguma, M., Okazaki, H., Ohmori, Y. Optical amplification in Er^{3+}-doped P_2O_5-SiO_2 planar waveguides 116434
Hattori, K., Okamoto, H., Hamakawa, Y. Modulated photocurrent spectroscopy of defect states in undoped a-Si:H 94390
Hattori, K., Takahashi, Y., Iimori, T., Komori, F. LT-STM/STS studies of Ag/Ge(100) surfaces: growth, Coulomb blockade and superconductivity 83993
Hattori, K. *see* Abe, M. 64796
Hattori, K. *see* Ji, H. 71346
Hattori, K. *see* Sato, Y. 98148
Hattori, M., Esaki, Y., Nanjo, F., Takenobu, K. 1 kW class generation test of MOLB type SOFC 81754
Hattori, M., Ideguchi, T. Grounding and wiring techniques for telecommunication equipment inside buildings 102279
Hattori, M. *see* Motomitsu, T. 66241
Hattori, M. *see* Tadokoro, S. 81504
Hattori, M.T. *see* Pequeno, M.C. 83234
Hattori, N. *see* Kishi, M. 88325
Hattori, N. *see* Okuno, K. 62506
Hattori, N. *see* Yamashita, T. 118659
Hattori, O. *see* Matsuzaki, S.-I. 103149
Hattori, R. *see* Sasaki, H. 63772
Hattori, S. Toward advanced communication network with user's systemability, serviceability and maintenability 77975
Hattori, S., Seki, A., Gyoji, S., Okamoto, A., Hasegawa, H. Interactive precise measurement of relative orientation points using least squares correlation 108688
Hattori, S. *see* Abe, N. 77978
Hattori, S. *see* Horii, Y. 88013
Hattori, S. *see* Imanishi, Y. 76228
Hattori, T., Nakamura, T., Suzuki, J., Kurio, M., Yaegashi, M., Sakuma, S. Disparity and distortion free stereoscopic fiberscope 110288
Hattori, T., Taira, T., Era, M., Tsutsui, T., Saito, S. Highly efficient electroluminescence from a heterostructure device combined with emissive layered-perovskite and an electron-transporting organic compound 75739
Hattori, T., Takahashi, Y., Iijima, M., Fukada, E. Piezoelectric and ferroelectric properties of polyurea thin films copolymerized by vapor deposition polymerization of aliphatic and aromatic monomers 64087
Hattori, T., Watanabe, K., Ohashi, M., Matsuda, M., Yasutake, M. Electron tunneling through chemical oxide of silicon 114830
Hattori, T. *see* Idogaki, T. 71374
Hattori, T. *see* Idogaki, T. 74970
Hattori, T. *see* Ishikawa, J. 64408

Hattori, T. *see* Ito, T. 100752
Hattori, T. *see* Kato, A. 89249
Hattori, T. *see* Kato, A. 100211
Hattori, T. *see* Korechika, T. 122056
Hattori, T. *see* Ogose, S. 109504
Hattori, T. *see* Ohara, J. 84686
Hattori, T. *see* Ohigashi, H. 106334
Hattori, T. *see* Sasa, K. 100757
Hattori, T. *see* Senda, K. 112167
Hattori, T. *see* Teshigahara, A. 120922
Hattori, T. *see* Watanabe, T. 83186
Hattori, T. *see* Yamada, Y. 106277
Hattori, T. *see* Yasuda, I. 91702
Hattori, Y., Mizoguchi, A., Uemiya, T., Tanaka, G. Epitaxially grown polydiacetylene thin films and their nonlinear optical properties 76229
Hattori, Y. *see* Kakui, M. 78772
Hattori, Y. *see* Komatsu, K. 72838
Hattori, Y. *see* Shigehara, M. 78798
Hatwar, T.K., Brucker, C.F. Sensitivity enhancement of Co/Pt superlattices through underlayer composition modification 75176
Hatwell, E. *see* Korn, J. 72115
Hatzfeld, F. *see* Glasmachers, G. 73126
Hatziargyrion, N. *see* Lopes, J.A.P. 101974
Hatziargyriou, N., Papadias, B. Features of voltage stability of power systems and common reasons of voltage collapse 101748
Hatziargyriou, N.D. *see* Fountas, N.A. 71948
Hatziargyriou, N.D. *see* Georgantzis, G.J. 101870
Hatziargyriou, N.D. *see* Matos, M.A. 101973
Hatziargyriou, N.D. *see* Papadias, B.C. 102150
Hatziargyriou, N.D. *see* Prousalidis, J.M. 102783
Hatziargyriou, N.D. *see* Prousalidis, J.M. 112037
Hatzifotiadou, D. *see* Cerron Zeballos, E. 69786
Hatzifotiadou, D. *see* Cerron Zeballos, E. 90141
Hatzifotiadou, D. *see* Ypsilantis, T. 69752
Hatzikonstantinidou, S., Wikman, P., Shi-Li Zhang, Petersson, C.S. Electrical characterization and physical analysis of epitaxial CoSi$_2$ grown from the Si⟨100⟩/Ti/Co system 94567
Hatzinakos, D. *see* Ilow, J. 85902
Hatzinakos, D. *see* Ilow, J. 118809
Hatzinakos, D. *see* Kundur, D. 67070
Hatzinakos, D. *see* Leung, G.C.W. 82413
Hatzold, P. Digital modulation and mobile radio (II) 88296
Hatzopoulos, N., Siapkas, D.I., Hemment, P.L.F., Skorupa, W. Formation and characterization of Si/SiO$_2$ multilayer structures by oxygen ion implantation into silicon 114876
Hatzopoulos, N. *see* Siapkas, D.I. 114902
Hatzopoulos, Z. *see* Ashenford, D.E. 81888
Hatzopoulos, Z. *see* Feng, T. 84059
Hatzopoulos, Z. *see* Lagadas, M. 113363
Hau, C.S. *see* Baldwin, D.F. 82274
Hau, S.K. *see* Ma, C.S. 113413
Hau Ka Pun *see* Ka Pun Hau
Hau Ping Chan *see* Kin Seng Chiang 64752
Hau-Wei Wang *see* Mao-Hong Lu 85611
Haubenreisser, W., Ecke, W. Extended novel slab model analysis of overlaid bent step-index single-mode fiber half-couplers. 2. Coupled-mode approach and design of overlays 64648
Haubner, M. *see* Eckstein, F. 120340
Haubner, R. *see* Spicka, H. 72931
Haubrich, H.-J., Seitz, T., Teichert, M., Roman, H. Reliability analyses as an aid to network planning–layout of medium-voltage stations 121806
Haubrich, H.-J. *see* Seitz, T. 121108
Hauchecorne, A. *see* Fishbein, E.F. 120780
Haudebourg, A. Videotex and audiotex road traffic information services 98631
Hauden, D. *see* Basrour, S. 72273
Hauden, J., Porte, H., Goedgebuer, J.-P., Abiven, J., Gibassier, C., Gutierrez-Martinez, C. Polarization independent bidirectional fiber link using coherence multi/demultiplexing LiNbO$_3$ integrated electrooptical circuits 88537
Hauenschild, C. *see* Boltze, T. 76332
Hauenschild, J., Dorschky, C., Von Mohrenfels, T.W., Seitz, R. A 10 Gb/s BiCMOS clock and data recovering 1:4-demultiplexer in a standard plastic package with external VCO 73571
Hauer, J.F. Validation of phasor calculations in the macrodyne PMU for California-Oregon Transmission Project tests of March 1993 102288
Hauer, J.F., Mittelstadt, W.A., Piwko, R.J., Damsky, B.L., Eden, J.D. Modulation and SSR tests performed on the BPA 500 kV thyristor controlled series capacitor unit at Slatt substation 70835
Hauer, J.F. *see* Trudnowski, D.J. 70716
Hauer, M. *see* Benvenuti, C. 110483
Hauf, A. ISDN: The new, all-digital network 78109
Hauff, D. *see* Bertuccio, G. 110555
Hauff, D. *see* Cesura, G. 110581
Hauff, D. *see* Goessling, C. 110549
Hauff, D. *see* Hartmann, R. 110541
Hauff, D. *see* Lechner, P. 110554
Hauff, D. *see* Mours, B. 100821
Hauff, D. *see* Mours, B. 120196
Hauff, D. *see* Richter, R.H. 110564
Hauff, D. *see* Soltau, H. 110553
Hauff, N. *see* Brauninger, H. 90702
Haug, C. *see* Samlenski, R. 92740
Haug, H. *see* Banyai, L. 76267
Haug, H. *see* Schuster, S. 96282
Haug, H. *see* Wang, K.H. 62986
Haug, K. *see* Bischof, W. 104884
Haug, R. *see* Guillaumond, F. 83682
Haug, R.J., Weis, J., Blick, R.H., von Klitzing, K., Eberl, K., Ploog, K. Linear and nonlinear transport investigations of asymmetric quantum-dot systems 62873
Haug, R.J. *see* Blick, R.H. 105408
Haug, R.J. *see* Dilger, M. 72782
Haug, R.J. *see* Ernst, G. 75727
Haug, R.J. *see* Kukushkin, I.V. 74339
Haug, R.J. *see* Kukushkin, I.V. 105251
Haug, R.J. *see* Schmidt, T. 62952
Haugan, T., Patel, S., Shaw, D.T. A study of bubble-defect formations in Ag sheathed Bi$_2$Sr$_2$CaCu$_2$O$_{8+x}$ (Bi-2212) superconducting tapes 106647
Haugen, G.M. *see* Baude, P.F. 74430
Haugen, G.M. *see* Buijs, M. 85513
Haugen, G.M. *see* Petruzzello, J. 75945
Haugen, G.M. *see* Wu, B.J. 61220
Hauger, C., Baigar, E., Wilhelm, T., Zinth, W. Time-resolved backscattering of femtosecond pulses from scattering media–an experimental and numerical investigation 120396
Haugland, S.M. Fundamental analysis of the remote-field eddy-current effect 82815
Haugsjaa, P., Armiento, C., Negri, A., Mehr, J., Tabasky, M., Hsu, H.P., Ng, W., Yap, D., Yen, H.W. Silicon waferboard alignment of laser arrays to single-mode optical fiber for analog optoelectronic module applications 72296
Haugsjaa, P.O. *see* Yap, D. 85344
Haugstad, A. *see* Doorman, G.L. 102019
Haukas, H., Aven, T. Formulae for the downtime distribution of a monotone system observed in a time interval 60701
Hauke, M. *see* Freimark, M. 102462
Hauksson, I.S., Suda, J., Tsuka, M., Kawakami, Y., Fujita, S., Fujita, S. The role of defects on radiative transitions in nitrogen doped ZnSe 74216
Haun, M.J., Cornejo, I.A., Kim, Y.D., Houng, B., Collier, J., Kim, C.Y., Landin, S.M., Gemmill, W.H. Ferroelectric compositions for thick film sensor, actuator, and capacitor applications 115452
Haupl, T. *see* Henneberger, F. 94523
Haupt, C.I., Schuff, N., Weiner, M.W., Maudsley, A.A. Removal of lipid artifacts in ^{1}H spectroscopic imaging by data extrapolation 70091
Haupt, M., Ganser, P., Kohler, K., Emminger, S., Muller, S., Rothemund, W. Growth of Al$_{0.48}$In$_{0.52}$As/Ga$_{0.47}$In$_{0.53}$As heterostructures lattice relaxed on GaAs and lattice matched on InP 92780
Haupt, M., Kohler, K., Ganser, P., Emminger, S., Muller, S., Rothemund, W. Growth of high quality Al$_{0.48}$In$_{0.52}$As/Ga$_{0.47}$In$_{0.53}$As heterostructures using strain relaxed Al$_x$Ga$_y$In$_{1-x-y}$As buffer layers on GaAs 82633
Haupt, M. *see* Bronner, N. 64991
Haupt, M. *see* Hurm, V. 109629
Haupt, R. *see* Hering, K. 73041
Haupt, R.L. Genetic algorithm design of antenna arrays 76661
Haupt, R.L. Backscattering synthesis from tapered resistive grids 97081
Hauptlmanns, U. The multi-class binomial failure rate model 102366
Hauptman, J. *see* Beuville, E. 101309
Hauptman, O., Hirji, K.K. The influence of process concurrency on project outcomes in product development: an empirical study of cross-functional teams 60579
Hauptmann, B. *see* Hummelsheim, H. 80417
Haurie, X., Roberts, G.W. A multiplier-free structure for 1-bit high-order digital delta-sigma modulators 93517
Haury, A. *see* Grun, M. 62751
Haus, H.A., Wong, W.S. Solitons in optical communications 99467
Haus, H.A. *see* Barry, R.A. 77948
Haus, H.A. *see* Cundiff, S.T. 65133
Haus, H.A. *see* Cundiff, S.T. 116444
Haus, H.A. *see* Khatri, F.I. 88505
Haus, H.A. *see* Little, B.E. 64873
Haus, H.A. *see* Margalit, M. 65278
Haus, H.A. *see* Namiki, S. 65075
Haus, J.W. *see* Bloemer, M.J. 75566
Hauschild, B., Mueller, U., Beyer, A. Comparison of coarseness error reduction measures in the two-dimensional TLM method 76510
Hauschild, R. *see* Schwarz, M. 110928
Hauschild, T., Knochel, R. Measurement of complex permittivity of solids up to 1000°C 100277
Hauschildt, H. *see* Gusten, R. 68806
Hauser, A. Calculation of superconducting magnetic bearings using a commercial FE-program (ANSYS) 95612
Hauser, G.J. *see* Tohme, W.G. 110865
Hauser, H., Fulmek, P.L. Hysteresis calculations by statistical behaviour of particles of high density 106558
Hauser, J. Replaceability of metallic heating conductors 91954
Hauser, J. *see* Morfouli, P. 63668
Hauser, J.R. *see* Silvestre, C. 94616
Hauser, J.R. *see* Vogel, E.M. 63658
Hauser, L.E. *see* Auerbach, S.P. 111409
Hauser, M.W. *see* Sands, N.P. 73578
Hauser, N. *see* Li, G. 74147
Hauser, T., Schenk, G., Bertus, N., Erhard, A. Universal digital inspection systems for ultrasonic and pulsed eddy current techniques 113597
Hausermann, D., Hanfland, M. Optics and beamlines for high-pressure research at the European Synchrotron Radiation Facility 89638
Hausermann, D. *see* Hammersley, A.P. 90246
Hausladen, P., Jozsa, R., Schumacher, B., Westmoreland, M., Wootters, W.K. Classical information capacity of a quantum channel 117118
Hausleitner, C. *see* Pohl, A. 110046
Hausler, K., Noll, F., Eberl, K. Ordering of nanoscale InP islands on strain-modulated InGaP buffer layers 61298
Hausler, K. *see* De Vries, D.K. 63266
Hausman, E. *see* Swarnakar, V. 110708
Hausselt, J.H. *see* Ruprecht, R. 74908
Haussler, D., Mirelli, V. A hybrid parametric/case-based approach to object recognition using Bayes decision theory 66912
Haussy, J. *see* Durbin, F. 94884
Hautecoeur, O., Leroy, M. Intercomparison of several BRDF models for the compositing of spaceborne POLDER data over land surfaces 120669
Hauter, A., Chang, K.C. A synthetic aperture radar hybrid ATR system 88671
Hauth, W. *see* Keller, R. 93741
Hautier, J.P. *see* Cambronne, J.P. 91610
Hautier, J.P. *see* Francois, B. 81559
Hautier, J.P. *see* Francois, B. 81560
Hautojaervi, P. *see* Fischer, F. 94721
Hautot, D. *see* Grandjean, F. 64213
Hauvel, H.van den *see* van den Hauvel, H.
Hauwermeiren, L.Van *see* Van Hauwermeiren, L.
Havaldar, P., Medioni, G. Inference of segmented, volumetric shape from three intensity images 86394
Havard, J. *see* Lin, Q. 115066
Havard, V. *see* Perrier, P.A. 78855
Havasy, C. *see* Anholt, R. 74698
Havasy, C. *see* Dettmer, R. 93804
Havasy, C. *see* Jenkins, T. 74704
Have, A.ten *see* ten Have, A.
Havela, L. *see* Sechovsky, V. 115641
Havelec, L. *see* Bankier, A.A. 101234
Havelund, K., Shankar, N. Experiments in theorem proving and model checking for protocol verification 77748
Havens, D.P. *see* Seabury, C.W. 106467
Haverkamp, D., Tsatsoulis, C. Using temporal information in an automated classification of summer, marginal ice zone imagery 111276
Haverkamp, W.B., Lyons, P.G. World-wide long-term experiences with heat-shrinkable splice concepts 121212
Haverkort, B.R. QNAUT: approximately analyzing networks of PH|PH|1|K queues 108821
Haverkort, B.R. *see* Heijenk, G. 98633
Haverkort, B.R. *see* Van Moorsel, A.P.A. 60827
Havet, C. *see* Nemouchi, Y. 86575
Haviland, D.B., Persson, S.H.M., Delsing, P., Chen, C.D. Fabrication and measurement of one-dimensional arrays of small capacitance Josephson junctions 95460
Haviland, D.B. *see* Pettersson, J. 74775
Haviland, R.P. The "Thin Wire" program for moment method antenna analysis 85963
Havinga, P.J.M. *see* Linnenbank, G.R.J. 77693
Haviv, M. On constrained Markov decision processes 92413
Havlena, V. *see* Stecha, J. 76952
Havlicek, J.P., Harding, D.S., Bovik, A.C. The multicomponent AM-FM image representation 77277
Havlicek, J.P., Pattichis, M.S., Harding, D.S., Christofides, A.C., Bovik, A.C. AM-FM image analysis techniques 77440
Havlik, F. *see* Kunzmann, S. 69706
Havranek, J.J., Sasser, G.E. Large-scale parallel numerical simulations of the relativistic klystron oscillator 114515
Havstad, M.A. *see* Warner, B.E. 60586
Havunen, I., Korpinen, L., Partanen, J. The use of hypermedia when lecturing on transformers and electromechanical machines 82127
Haw Ling Lee *see* Lee Haw Ling
Hawasly, S., Moussaoui, Z., Kornetzky, P., Batarseh, I., Lee, H., Kennedy, C. Dynamic modeling of parallel connected DC to DC converters using Weinberg topologies 112126
Hawasly, S. *see* Kornetzky, P. 112064
Hawighorst, H. *see* Essig, M. 80279
Hawk, C.W. *see* Pearson, J.B. 111067
Hawk, D.V. *see* Barkovich, B.R. 90986
Hawk, G.W. *see* Eagan, P. 60747
Hawk, G.W. *see* Eagan, P. 72230
Hawk, J.A. *see* Dogan, O.N. 92958
Hawker, C.J. *see* Barclay, G.G. 105778
Hawker, I. *see* Veitch, P.A. 77742
Hawker, I. *see* Veitch, P.A. 108882
Hawker, P., Jagadish, C., Melloch, M.R. Effects of confinement on electron-phonon coupling for the two-dimensional electron gas in a GaAs/AlGaAs quantum well 83932
Hawkes, D.J. *see* Little, J.A. 110711
Hawkes, D.J. *see* Studholme, C. 110703
Hawkins, A. *see* DeCobert, J. 89777
Hawkins, A.G. *see* Foley, J.P. 119395

Hawkins, A.R., Reynolds, T.E., England, D.R., Babic, D.I., Mondry, M.J., Streubel, K., Bowers, J.E. Silicon heterointerface photodetector 79417
Hawkins, C.E. *see* Holburn, D.M. 72358
Hawkins, C.F. *see* Soden, J.M. 106187
Hawkins, C.F. *see* Williams, R.H. 72251
Hawkins, D. *see* LaBel, K. 70337
Hawkins, D.C., Milligan, T. Exact derivation of aperture errors in antenna measurements 108018
Hawkins, D.K. *see* LaBel, K.A. 106222
Hawkins, D.W., Gough, P.T. Recent sea trials of a synthetic aperture sonar 68711
Hawkins, D.W., Gough, P.T. Multiresonance design of a Tonpilz transducer using the finite element method 111351
Hawkins, E. *see* Crooks, M. 67006
Hawkins, G. *see* Hunneman, R. 120680
Hawkins, K. *see* Darr, D. 121803
Hawkins, R. The telecommunication standardisation process: Can it be 'reformed' to support 'de-regulation'? 98546
Hawkins, R.A. *see* Ho-Shon, K. 110771
Hawkins, R.K. *see* Srivastava, S.K. 120726
Hawkins, S.A. *see* Chauvet, M. 107606
Hawkins, S.A. *see* Chauvet, M. 116652
Hawkley, C.J. *see* Watton, J. 79752
Hawks, R. *see* Lucas, W. 82039
Hawkshee, D.J., Mollon, K., Cross, P.A. Quality assurance of quality measures for DGPS positioning: truthing the truth indicators 88764
Hawley, G.T. ADSL data: the next generation 118677
Hawley, M.S. *see* Cherry, A.D. 70249
Hawley, R. Leadership challenges in an engineering environment 112823
Hawley, R.A., Wong, B.C., Thu-Ji Lin, Laskowski, J., Samueli, H. Design techniques for silicon compiler implementations of high-speed FIR digital filters 62036
Hawlitschek, N., Gartner, E., Gussek, P., Reichel, F. Properties and application of liquid crystal spatial light modulators in optical signal processing 117818
Haworth, D. *see* Bardelli, R. 76501
Haworth, D.P., Boyer, S., Martin, C.W. Position location for access policing of satellite systems for mobile communications 88195
Haworth, M.D. *see* Hendricks, K.J. 62592
Hawrylak, P. *see* Lockwood, D.J. 62996
Hawryluk, A.M. *see* Spallas, J.P. 74000
Hawryluk, A.M. *see* Spallas, J.P. 84260
Hawsey, R.A., Sokolowski, R.S., Pradeep Haldar, Motowidlo, L.R. Development of practical high temperature superconducting wire for electric power applications 115907
Hawsung Kwon, Wahl, M.H., Talke, F.E. Finite element simulation of a helical scanner with head/tape contacts 115748
Hawthorne, J. *see* Sawkar, S.S. 89437
Hawthorne, R.A. *see* Guenter, J.K. 96310
Hawthorne, R.A., III, Guenter, J.K., Granville, D.N., Hibbs-Brenner, M.K., Morgan, R.A. Reliability study of 850 nm VCSELs for data communications 96434
Hawthorne, V.T. Recent improvements to three-piece trucks [railways] 91856
Hawtof, D.W., Berkey, G.E., Antos, A.J. High figure of merit dispersion compensating fiber 85033
Hawwash, K.I.M. *see* Wang, W. 60481
Haxby, W.F. *see* Byrne, D.A. 111246
Haxell, I. *see* Simeonidou, D. 78715
Hay, A.E. *see* Zedel, L. 88733
Hay, J.N. *see* Tattam, C. 84838
Hay, N. *see* Ditmire, T. 107514
Hayafuji, N. *see* Izumi, S. 72781
Hayafuji, N. *see* Izumi, S. 115167
Hayafuji, N. *see* Yamamoto, Y. 63774
Hayahara, E. *see* Hirano, S. 73545
Hayakawa, A. *see* Chiba, Y. 98991
Hayakawa, A. *see* Shintake, T. 100531
Hayakawa, H. *see* Fujimaki, A. 115921
Hayakawa, K., Tanaka, T., Torizuka, Y., Sato, K., Matsubara, Y., Kawakami, I., Sato, I., Fukuda, S., Anami, S., Kurihara, T., Kamitani, T., Ohsawa, S., Enomoto, A., Toyama, S., Nomura, M., Yamazaki, Y., Yamazaki, T., Yamada, K., Ikezawa, M., Sibata, Y., Oyamada, M. Construction and development of an UV free electron laser under the cooperation of Nihon U., KEK, PNC, ETL and Tohoku U 96456
Hayakawa, K. *see* Honmura, H. 81987
Hayakawa, M. *see* Baba, K. 85862
Hayakawa, M. *see* Baba, K. 85865
Hayakawa, M. *see* Kitagawa, T. 65845
Hayakawa, M. *see* Kojima, T. 94036
Hayakawa, M. *see* Nickolaenko, A.P. 107895
Hayakawa, M. *see* Nishimura, Y. 65846
Hayakawa, M. *see* Shima, N. 116893
Hayakawa, N., Wakita, M., Hirose, M., Goshima, H., Hikita, M., Uchida, K., Okubo, H. Quench-induced breakdown mechanism of liquid helium 75007
Hayakawa, N. *see* Goshima, H. 102599
Hayakawa, N. *see* Kato, T. 121085
Hayakawa, N. *see* Okubo, H. 75008
Hayakawa, N. *see* Okubo, H. 102788
Hayakawa, N. *see* Shimizu, R. 69440
Hayakawa, N. *see* Wakita, M. 102182
Hayakawa, N. *see* Yue-Jin Tang 71383
Hayakawa, S., Kojima, H., Kunieda, M., Nishiwaki, N. Influence of plasma extinction on machining stability in EDM process 103187
Hayakawa, T., Yamanaka, F., Kuniyasu, T., Fukunaga, T. Single longitudinal mode properties of external cavity tapered and straight broad-stripe lasers with bandpass filter 107299
Hayakawa, T. *see* Fukunaga, T. 85466
Hayakawa, T. *see* Kasuga, S. 80014
Hayakawa, Y., Amemiya, Y., Tada, J., Hosono, K., Arimoto, T. Application of an imaging plate to dose distribution measurement of proton beam 120552
Hayakawa, Y., Hamakawa, E., Koyama, T., Kumagawa, M. Rapid diffusion of Ga into InSb and precipitation of In 82651
Hayakawa, Y., Hirokawa, K., Makino, A. Magnetic properties of Fe-M-O (M=Zr, Hf) films with high resistivity 64197
Hayakawa, Y., Ohsawa, H., Nakano, H., Koyama, T., Masaki, M., Takahashi, K., Muller, A., Dedavid, B., Eleani, C., Kumagawa, M. Anomalous segregation of Al during growth of Al-doped GaSb 92666
Hayakawa, Y., Ozawa, T., Ando, M., Koyama, T., Masaki, M., Takahashi, K., Kumagawa, M. Effect of ampoule rotation on growth of InGaAs ternary bulk crystals from solution 113269
Hayakawa, Y. *see* Hanibuchi, T. 73213
Hayakawa, Y. *see* Makino, A. 64159
Hayakawa, Y. *see* Ozawa, T. 92665
Hayakawa, Y. *see* Won, H. 73610
Hayakawa, Y. *see* Yoshiue, T. 72743
Hayama, H., Goto, M., Sayama, T., Tani, N. Crystal pigment screen for wide CRTs 100241
Hayama, H. *see* Makino, M. 71164
Hayama, K. *see* Ohyama, H. 84306
Hayama, K. *see* Ohyama, H. 105873
Hayama, K. *see* Ohyama, H. 105874
Hayama, K. *see* Ohyama, H. 105880
Hayama, K. *see* Ohyama, H. 116228
Hayama, K. *see* Ohyamaa, H. 115145
Hayama, M. *see* Yamaguchi, M. 73177
Hayama, N. *see* Chang-Woo Kim 73749
Hayama, T. *see* Matsuzaki, S.-I. 103149
Hayami, H. *see* Okamoto, S. 75477
Hayami, Y., Suzuki, M.T., Okui, Y., Ogawa, H., Fujimura, S. Characterization of cleaning technology for silicon surfaces by hot pure water containing little dissolved oxygen 105624
Hayamizu, K. *see* Masaki, A. 76157
Hayamizu, S., Tabata, H., Tanaka, H., Kawai, T. Preparation of crystallized zinc oxide films on amorphous glass substrates by pulsed laser deposition 92814
Hayamizu, Y., Hoshi, R., Kitagawara, Y., Takenaka, T. Novel evaluation method of silicon epitaxial layer lifetimes by photoluminescence technique 83785
Hayano, H. *see* Alexandrof, V.A. 100628
Hayano, H. *see* Hinode, F. 100582
Hayano, H. *see* Sakanaka, S. 100682
Hayano, H. *see* Shintake, T. 89604
Hayano, R.S. *see* Niestroj, A. 80008
Hayano, S. *see* Doi, T. 69454
Hayano, S. *see* Doi, T. 70054
Hayano, S. *see* Doi, T. 107698
Hayano, S. *see* Doi, T. 107755
Hayasaka, H. *see* Kawabe, H. 87617
Hayasaka, T. *see* Gillard, C.H. 119437
Hayasaka, T. *see* Kojima, N. 88550
Hayasaki, A. *see* Urushibara, S. 70530
Hayasaki, Y., Mori, M., Nishida, N. An optical method for analog-to-digital conversion of images 85187
Hayasaki, Y. *see* Mori, M. 86992
Hayase, A. *see* Kanbara, S. 78547
Hayase, R. *see* Onishi, Y. 105760
Hayashi, A. Variance of the median filter output with constant input corrupted by white noise–the cases of Gaussian and Laplacian distributed noise 117452
Hayashi, E.K.C.S. *see* Rafael, F.S. 100560
Hayashi, H., Kurando, T., Oka, K., Dohmaru, T., Nakayama, Y. Photobleaching process in polysilane films 96624
Hayashi, H., Kurihara, K., Sekine, M. Characterization of highly selective SiO$_2$/Si$_3$N$_4$ etching of high-aspect-ratio holes 74560
Hayashi, H., Muraguchi, M., Umeda, Y., Enoki, T. A novel loss compensation technique for high-Q broad-band active inductors 83438
Hayashi, H., Nakatsugawa, M., Muraguchi, M. A novel MMIC power amplifier using cascode FET with unequal gate widths 93907
Hayashi, H. *see* Bohno, T. 103051
Hayashi, H. *see* Li, J. 106571
Hayashi, H. *see* Muraguchi, M. 118748
Hayashi, H. *see* Satow, T. 95514
Hayashi, H. *see* Sugihara, O. 76256
Hayashi, H. *see* Yamada, T. 78257
Hayashi, J., Aizawa, K. Photodynamic therapy for vascular disease 110908
Hayashi, K. Epoch-making decision in internetworking: NTT's open network declaration from a historical perspective 87829
Hayashi, K. The ins and outs of parallel IC handlers 88912
Hayashi, K., Miyazaki, T., Shirakawa, K., Yamada, K., Ichimori, T., Fukami, K., Ohta, N. A novel approach to real-time verification of transport system design using FPGA based emulator 77843
Hayashi, K., Suzuki, H., Takemoto, M. Monitoring of out-of-plane displacement of hot medium and mechanism of fused silver solder cracking estimated by quantitative acoustic emission source wave analysis 82793
Hayashi, K., Suzumura, T., Naganawa, H. A novel power conversion method for multiple inverter system using Scott connected transformers 102871
Hayashi, K., Watanabe, H., Yamanaka, S., Okushi, H., Kajimura, K., Sekiguchi, T. Direct observation of hydrogen-related luminescent states in subsurface region of homoepitaxial diamond films 94278
Hayashi, K., Yamamoto, O., Minoura, H., Fujiyoshi, K., Mitumatu, F. The preparation of La$_{0.5}$Sr$_{0.5}$MnO$_3$-yttria stabilized zirconia composite electrodes for SOFC with a sputtering technique 81813
Hayashi, K., Yamanaka, S., Okushi, H., Kajimura, K. Stepped growth and etching of (001) diamond 94783
Hayashi, K. *see* Ban, M. 104790
Hayashi, K. *see* Fujikata, J.-I. 115629
Hayashi, K. *see* Fuke, H. 84895
Hayashi, K. *see* Hoshino, T. 102651
Hayashi, K. *see* Ishida, H. 79589
Hayashi, K. *see* Iwano, H. 104025
Hayashi, K. *see* Lei Zhong 94632
Hayashi, K. *see* Michizono, S. 100447
Hayashi, K. *see* Negoro, Y. 106637
Hayashi, K. *see* Ohmori, H. 75099
Hayashi, K. *see* Ohta, K. 71664
Hayashi, K. *see* Okabe, A. 115712
Hayashi, K. *see* Sakamoto, K. 94195
Hayashi, K. *see* Shirakawa, K. 77616
Hayashi, K. *see* Shoji, M. 115665
Hayashi, K. *see* Suzuki, K. 83399
Hayashi, K. *see* Suzuki, K. 93811
Hayashi, K. *see* Tasaka, S. 77994
Hayashi, K. *see* Ueyama, M. 84922
Hayashi, K. *see* Ueyama, M. 115896
Hayashi, K. *see* Yamada, K. 78173
Hayashi, K. *see* Yoshikawa, S. 104828
Hayashi, M., Enami, K., Noguchi, H., Fukui, K., Yagi, N., Inoue, S., Shibata, H., Yamanouchi, Y., Itoh, Y. Desktop virtual studio system 109882
Hayashi, M., Takahata, F. Satellite channel assignment method with control of call-loss probability for carriers with different transmission bandwidths under frequency division multiple access 78596
Hayashi, M., Tsuji, M., Makita, K., Nyu, T., Yamazaki, S., Sugita, K., Taguchi, K. GaAs pin-photodiodes with an AlGaInP window layer for use in 650-nm wavelength GI-POF data links 64942
Hayashi, M. *see* Watanabe 78805
Hayashi, M. *see* Watanabe, I. 64940
Hayashi, M.A. *see* Boschetti, C. 72950
Hayashi, N. A coding and decoding method of track address with Viterbi decoding 95375
Hayashi, N., Aga, H., Fujio, T., Yano, H., Sugai, M. Internet live tool NVAT 118332
Hayashi, N., Sakamoto, I., Ohkubo, M. Superconductive tunnel structures as radiation detectors 90120
Hayashi, N. *see* Dhawan, S.K. 79986
Hayashi, N. *see* Kobayashi, N. 104028
Hayashi, N. *see* Kosavisutte, K. 115497
Hayashi, N. *see* Nakamura, K. 73405
Hayashi, N. *see* Ohkubo, M. 90244
Hayashi, N. *see* Sakamoto, I. 90121
Hayashi, N. *see* Sasaki, M. 104977
Hayashi, N. *see* Watanabe, S. 69095
Hayashi, N. *see* Yamazaki, S. 104250
Hayashi, R., Takebayashi, Y., Becker, J.W. High performance engineering polymers in surface mount applications 112891
Hayashi, S., Kataoka, A., Moriya, T., Kaneko, T. Quality assessment of CS-ACELP 88008
Hayashi, S., Kataoka, A., Moriya, T., Kaneko, T. Speech quality assessment of CS-ACELP 97628
Hayashi, S., Ogawa, M. Standardization activity in ITU of extending 16-kbit/s LD-CELP for personal communication systems 68293
Hayashi, S., Sasase, I. Performance of trellis-coded 16-state differentially encoded APSK on Rayleigh fading channel 66265
Hayashi, S. *see* Fujii, S. 69179
Hayashi, S. *see* Fukumoto, Y. 84879
Hayashi, S. *see* Hase, T. 84924
Hayashi, S. *see* Kaneko, T. 88009
Hayashi, S. *see* Kaneko, T. 98959
Hayashi, S. *see* Kanno, I. 92858
Hayashi, S. *see* Kanzawa, Y. 114878
Hayashi, S. *see* Kataoka, A. 88006
Hayashi, S. *see* Kataoka, A. 88007
Hayashi, S. *see* Kataoka, A. 97626
Hayashi, S. *see* Kataoka, A. 97627
Hayashi, S. *see* Katsuta, T. 62658
Hayashi, S. *see* Kichimi, H. 69718
Hayashi, S. *see* Manabe, Y. 76237
Hayashi, S. *see* Matsumoto, T. 100210
Hayashi, S. *see* Morozumi, K. 84733
Hayashi, S. *see* Sato, M. 91109
Hayashi, S. *see* Shibutani, K. 84921
Hayashi, S. *see* Tokizaki, T. 62910
Hayashi, S. *see* Yonehara, H. 89802
Hayashi, T., Asahi, H., Yamamoto, K., Hidaka, K., Gonda, S. In-situ selective area etching of GaAs

in metalorganic molecular beam epitaxy chamber using trisdimethylaminoarsenic 94746

Hayashi, T., Fukuda, K., Ohno, M., Nishi, K., Kita, A. A study of BBT effect in flash memory cell by device simulation and development of high reliable memory cells 83124

Hayashi, T., Fukumoto, H., Okamoto, T., Haraguchi, M., Fukui, M. Experimental instrument for observing angle- and frequency-scanned attenuated total reflection spectra 119587

Hayashi, T., Hirono, S., Tomita, M., Umemura, S. Magnetic thin films of cobalt nanocrystals encapsulated in graphite-like carbon 95371

Hayashi, T., Iai, S. Effects of changes of frame rate on subjective video quality 67056

Hayashi, T., Mizuma, H., Yao, H., Takahara, S. Wavelength dependence of the ratio of the third order nonlinear optical susceptibility to the absorption coefficient in CdS microcrystallites dispersed in the polymer matrix 76234

Hayashi, T., Tsunetsugu, H. Optical module with MU connector interface using self-alignment technique by solder-bump chip bonding 119215

Hayashi, T. *see* Adachi, K. 80867

Hayashi, T. *see* Arakawa, T. 93365

Hayashi, T. *see* Fukushima, I. 91960

Hayashi, T. *see* Kikuchi, M. 106704

Hayashi, T. *see* Miyakawa, M. 69960

Hayashi, T. *see* Mori, T. 102890

Hayashi, T. *see* Murakami, Y. 106004

Hayashi, T. *see* Okamoto, S. 75477

Hayashi, T. *see* Onishi, Y. 105760

Hayashi, T. *see* Sasaki, S. 119226

Hayashi, T. *see* Takasaki, M. 81016

Hayashi, T. *see* Yamamoto, K. 103874

Hayashi, Y. Electromagnetic theory based on integral representation of fields and analysis of scattering by open boundary — summary 85834

Hayashi, Y., Fukada, Y., Maeda, H., Takahashi, T., Aikia, M. Verification of four-wave mixing suppression in WDM transmission experiments on the FSA commercial system with dispersion managed optical fiber cable 78668

Hayashi, Y., Iwamoto, S., Furuya, S., Liu, C.-C. Efficient determination of optimal radial power system structure using Hopfield neural network with constrained noise 90946

Hayashi, Y., Kim, H., Nara, K. Scenario creation method by genetic algorithm for evaluating future plan 102012

Hayashi, Y., Nara, K. Scenario selection by genetic algorithm for evaluating power resource planning 80968

Hayashi, Y., Ohkawa, N., Ito, T. Stimulated Brillouin scattering threshold representing bit error ratio degradation in single-mode optical fiber transmission 88463

Hayashi, Y. *see* Aihara, Y. 111555

Hayashi, Y. *see* Buckley, J.J. 113178

Hayashi, Y. *see* Gan, D. 80876

Hayashi, Y. *see* Honda, T. 64489

Hayashi, Y. *see* Inoue, Y. 100177

Hayashi, Y. *see* Kashiwagi, T. 102438

Hayashi, Y. *see* Kawase, Y. 71252

Hayashi, Y. *see* Kawase, Y. 102635

Hayashi, Y. *see* Kikuta, K. 63417

Hayashi, Y. *see* Koike, H. 75061

Hayashi, Y. *see* Matsushima, T. 87676

Hayashi, Y. *see* Ohdachi, Y. 102671

Hayashi, Y. *see* Ohsawa, T. 81704

Hayashi, Y. *see* O'Keeffe, P. 114982

Hayashi, Y. *see* Shinzawa, T. 105740

Hayashi, Y. *see* Yamaguchi, T. 71254

Hayashida, H., Nishio, T., Isaji, H., Nakagawa, T., Yamamoto, M., Sato, K. Development of a light-triggered thyristor 91107

Hayashida, H. *see* Nishio, T. 71171

Hayashida, H. *see* Nishio, T. 71172

Hayashida, H. *see* Nishio, T. 71809

Hayashida, K. *see* Kasai, J. 92215

Hayashida, S. *see* Matsuoka, T. 106197

Hayashida, S. *see* Usui, M. 116079

Hayashida, Y. *see* Tomita-Gotoh, S. 110826

Hayashizaki, N. *see* Sasa, K. 100757

Hayat, L. *see* Fleury, M. 77206

Hayat, M.M., Gubner, J.A. A two-step Markov point process 66219

Hayat, M.M., Saleh, B.E.A., Gubner, J.A. Shot-noise-limited performance of optical neural networks 64849

Hayat, M.M. *see* Gubner, J.A. 76916

Hayata, K. Application of fuzzy set theory to wave optics 97252

Hayatleh, K., Lidgey, F.J. Current-mode absolute value circuits for wideband performance 73085

Hayburst, T.L. *see* Bongiovi, R.P. 90888

Haycock, P.W. *see* Houlton, D.J. 72907

Haycock, P.W. *see* Ogrin, F.Y. 106518

Hayden, J.W. *see* Scoles, D.L. 90718

Hayden, L.A. *see* Jyh-Ming Jong 92212

Hayden, M., Kennedy, J., O'Brien, P., O'Connor, E., Whelan, J. Emergency bypass of a 63 MVA power transformer using temporary woodpole structures 111584

Hayden, M.C., Kennedy, J.G. The use of soft energisation in power system restoration 111481

Hayden, R.D. *see* Crowley, R.D. 109740

Hayden, R.K., Takamasu, T., Miura, N., Henini, M., Eaves, L., Hill, G. Observation of resonant hole tunnelling through a (110) oriented AlAs/GaAs/AlAs quantum well 114745

Hayden, R.K., Woods, R.C., Kumagai, S., Yamanouchi, K., Grey, R. Comparison of quantum well and single heterojunction structures for acoustic charge transfer devices 74394

Haydl, W. *see* Bangert, A. 83495

Haydl, W. *see* Krems, T. 83480

Haydl, W.H. *see* Schlechtweg, M. 114321

Haydock, F.J. *see* Gray, J.W. 70819

Haydock, L. Simple thoughts on why AC generator (alternator) parameters are different when obtained from different tests 102660

Hayduk, M.J., Hulick, K.E., Krol, M.F., Pollock, C.R. Charge transfer in (In,Ga)As/(In,Al)As asymmetric double multiple quantum well structures 114730

Hayduk, M.J. *see* Krol, M.F. 114729

Hayduk, M.J. *see* Krol, M.F. 116408

Haye, A.La *see* La Haye, A.

Hayee, M.I., Zou, X.Y., Willner, A.E. Degradations due to both dispersion and SPM/CPM on dispersion-managed WDM long-distance systems 78687

Hayee, M.I. *see* Zou, X.Y. 78899

Hayeiwa, K., Yamazoe, M., Naka, H., Minami, M., Kojima, Y. A new AM transmitter using digital phase shifting 109343

Hayes, A. *see* Lien-Chang Wang 72879

Hayes, A. *see* Sukumar, V. 82203

Hayes, A. *see* Sukumar, V. 82940

Hayes, A.V., Kanarov, V., Vidinsky, B. Fifty centimeter ion beam source [for industrial etching and deposition application] 69692

Hayes, C.C. *see* Gek Woo Tan 92139

Hayes, C.E. *see* Murakami, J.W. 70014

Hayes, C.E. *see* Yuan, C. 69989

Hayes, D.J. *see* Cox, W.R. 96583

Hayes, D.R. *see* Dummit, D.S. 103657

Hayes, D.T. *see* Herd, J.S. 97357

Hayes, H.I., Priebe, C.E., Rogers, G.W., Marchette, D.J., Solka, J.L., Lorey, R.A. Improved texture discrimination and image segmentation with boundary incorporation 98211

Hayes, J. *see* Severns, R. 71818

Hayes, J.F. *see* Jun Huang 72628

Hayes, J.F. *see* Tao Zhu 117949

Hayes, J.G., Hall, J.T., Egan, M.G., Murphy, J.M.D. Full-bridge, series-resonant converter supplying the SAE J-1773 electric vehicle inductive charging interface 122045

Hayes, J.P. *see* Blanton, R.D. 104442

Hayes, J.P. *see* Blanton, R.D. 104465

Hayes, J.P. *see* Chakrabarty, K. 61821

Hayes, J.P. *see* Gupta, A. 74832

Hayes, P.J. *see* Kapranos, P. 82768

Hayes, R.E., Gipprich, J.W., Hershfeld, M.G. A stripline re-entrant coupler network for cofired multilayer microwave circuits 83331

Hayes, S., Grebogi, C. Using controlled chaos for digital signaling: A physical principle for 1-stage waveform synthesis 97754

Hayes, S. *see* Glenn, C.M. 97755

Hayes, S. *see* Glitho, R.H. 108954

Hayes, W.S. *see* Tohme, W.G. 110808

Hayes, W.S. *see* Tohme, W.G. 110865

Hayford, M.J. Diffractive optics modeling using LightTools 96828

Haykin, S., Racine, R.J., Yan Xu, Chapman, C.A. Monitoring neuronal oscillations and signal transmission between cortical regions using time-frequency analysis of electroencephalographic activity 110829

Haykin, S. *see* Jones, G. 68591

Haylock, J.A. *see* Jack, A.G. 101472

Haylock, R.G.E. *see* Sienkiewicz, Z.J. 90622

Hayman, A.J., Parent, P., Rouault, G., Zurquiyah, S., Verges, P., Liang, K.K., Stanke, F.E., Herve, P. Quantitative corrosion evaluation in wells using a multi-function ultrasonic imager 120928

Hayman, P.J. *see* Bennet, J.M. 90165

Hayman, R. Getting closer with remote access [corporate networking] 98655

Hayne, M., Usher, A., Harris, J.J., Foxon, C.T. An elegant verification of the negative charge-state of the DX centre from mobility measurements of 2D electrons 105289

Hayne, M. *see* Greally, M.G. 74330

Haynes, B. *see* Zimmermann, S. 79258

Haynes, B. *see* Zimmermann, S. 100857

Haynes, D.L. *see* Dowling, D.T. 100713

Haynes, D.L. *see* Meigs, M.J. 79781

Haynes, D.L. *see* Meigs, M.J. 79886

Haynes, D.L. *see* Meigs, M.J. 100595

Haynes, G., Baboian, R. Copper corrosion product creep on stainless steels 61491

Haynes, T.E., Eaglesham, D.J., Stolk, P.A., Gossmann, H.-J., Jacobson, D.C., Poate, J.M. Interactions of ion-implantation-induced interstitials with boron at high concentrations in silicon 105545

Haynes, T.E. *see* Antonell, M.J. 72766

Haynes, T.E. *see* Benton, J.L. 63235

Haynes, T.E. *see* Benton, J.L. 63255

Haynes, T.E. *see* Benton, J.L. 114863

Haynes, T.E. *see* Musil, C.R. 114885

Haynes, T.E. *see* Taga, N. 94374

Haynes, W.B., Carlsten, B.E., Fazio, M.V., Stringfield, R.M. Conditioning and simulations for the one-microsecond, one kilojoule per-pulse L-band relativistic klystron 62599

Haynes, W.B. *see* Carlsten, B.E. 79857

Haynes, W.B. *see* Carlsten, B.E. 96503

Haynes, W.B. *see* Carlsten, B.E. 100467

Haynes, W.B. *see* Carlsten, B.E. 105056

Haynes, W.B. *see* Fazio, M.V. 65379

Haynes, W.B. *see* Hendricks, K.J. 62592

Haynor, D.R. *see* Chalana, V. 80267

Haynor, D.R. *see* Kaplan, M.S. 101087

Hayrapetian, A. *see* Duerinckx, A.J. 111006

Hayrapetian, A. *see* Duerinckx, A.J. 111007

Hays, E. *see* Hunninghake, J. 100199

Hays, J. *see* Fischer, A.J. 116706

Hays, J. *see* Wong, W.S. 103879

Hays, P.B. *see* Khattatov, B.V. 120783

Hays, S. *see* Flora, R. 89921

Hays, T., Padamsee, H. Response of superconducting cavities to high peak power 100490

Hays, T. *see* Crawford, C. 79853

Hays, T. *see* Padamsee, H. 100471

Hays, T. *see* Pisharody, M. 100658

Hayward, A.C., Wickenden, C.A. Military perspective–EMC measurements 65874

Hayward, B. *see* Russell, A. 68802

Hayward, C.R., Bachoo, A.B.K. Health monitoring on ground-based transit systems 91838

Hayward, G., Banks, R.A., Russell, L.B. A model for low noise design of ultrasonic transducers 111379

Hayward, G., Gachagan, A. An evaluation of 1-3 connectivity composite transducers for air-coupled ultrasonic applications 70559

Hayward, G. *see* Bajaj, S. 98680

Hayward, G. *see* Bennet, J. 106469

Hayward, G. *see* Caperan, T. 109816

Hayward, G. *see* Gachagan, A. 90859

Hayward, G. *see* Gachagan, A. 104221

Hayward, G. *see* Kelly, S.P. 90683

Hayward, G. *see* Kelly, S.P. 104208

Hayward, G. *see* Pierce, S.G. 110176

Hayward, G. *see* Wright, W.M.D. 101626

Hayward, S.D. *see* Fenwick, A.J. 70591

Hayward, T.D., Dowell, D.H., Vetter, A.M., Lancaster, C., Milliman, L., Smith, D., Adamski, J., Parazzoli, C. A high duty factor electron linac for FEL 79878

Hayward, T.D. *see* Adamski, J.L. 76062

Hayward, T.D. *see* Adamski, J.L. 96528

Hayward, T.D. *see* Dowell, D.H. 89713

Hayward, T.D. *see* Dowell, D.H. 96492

Haywood, R., Love, G. Batch control for that absolutely fail-safe process 82169

Haywood, S.K. *see* Grey, R. 119674

Hazama, H. *see* Himeno, T. 113955

Hazama, H. *see* Kawamura, K. 78350

Hazama, H. *see* Notake, Y. 95135

Hazama, H. *see* Yamada, S. 93390

Hazama, K. *see* Ide, K. 111945

Hazan, E. Transmission access is defined in a new light 111548

Hazan, E. Re-evaluating system operating limits 121181

Hazan, V. *see* Benoit, C. 97641

Hazarika, D. Optimal load-dispatch based on generation scheduling using loss coefficients and load-flow analysis without slack bus 70689

Hazdra, P. *see* Vobecky, J. 105572

Hazen, D.G., Bowen, A.J. UDATS-II: data acquisition in a client-server environment 88946

Hazen, D.G. *see* Bowen, A.J. 70498

Hazenkamp, M.F., Gudel, H.U. Luminescence properties of solids 75696

Hazer, J. *see* Hodgkinson, L. 116064

Hazin, C.A. *see* Khoury, H.J. 120565

Hazlehurst, R. *see* Corrie, L. 80708

Hazra, A. *see* Weese, S. 108957

Hazra, S., Middya, A.R., Ray, S. The effect of variation in hydrogen dilution and RF power density on the properties of a-SiGe:H and related solar cells 72945

Hazra, S. *see* Middya, A.R. 92899

Hazra, T.K., Singh, B. Transputer-based embedded parallel processing in ground systems for satellite telemetry 98630

Hazumi, M., Kawasaki, T., Senyo, K., Nagashima, Y., Yamamoto, K., Yamamura, K., Tsuboyama, T., Haba, J., Ikeda, H., Iwasaki, H., Matsuda, T., Ozaki, H., Tanaka, M., Yamada, Y., Okuno, S., Avrillon, S., Asano, Y., Mori, S., Fukunaga, C., Hirose, T., Miyata, H., Miyano, K., Banas, E., Bozek, A., Natkaniec, Z., Palka, H., Rozanska, M., Rybicki, K. Evaluation of silicon micro strip detectors with large read-out pitch 100854

Hazumi, M. *see* Tsuboyama, T. 100836

Hbib, H., Quan, D.T., Bonnaud, O., Menkassi, A. Interfacial electrical properties of $PO_xN_yIn_z$/n-InP 94615

Hbib, H. *see* Benzohra, M. 74488

HcClay, P. *see* Vusirikala, V. 88484

Hdiy, A.El *see* El Hdiy, A.

He, A.G. *see* Taylor, M.E. 113361

He, B. *see* Mehdi, N. 70154

He, B. *see* Yu, X. 70153

He, G.S., Bhawalkar, J.D., Chanfeng Zhao, Prasad, P.N. Properties of two-photon pumped cavity lasing in novel dye doped solid matrices 65057

He, G.S., Bhawalkar, J.D., Zhao, C.F., Park, C.K., Prasad, P.N. Upconversion dye-doped polymer fiber laser 75851

He, G.S. *see* Zhao, C.F. 96126

He, H., Drummond, P.D. Higher order non-topological simultons in a nonlinear parametric waveguide 76144
He, H., Drummond, P.D., Malomed, B.A. Modulational stability in dispersive optical systems with cascaded nonlinearity 76145
He, H., Werner, M.J., Drummond, P.D. Simultaneous solitary-wave solutions in a nonlinear parametric waveguide 95718
He, J. A practical method for the parallel communication interface to a microcomputer 98642
He, J., Liu, N., Xiaohan, S., Zhang, M. Prospect of B-ISDN and DQDB 99019
He, J., Malik, O.P. Design of an adaptive power system stabilizer using recurrent neural networks 80902
He, J., Shen, Y.-S., Albright, D. Intelligent SS7 network management with S7DM 87602
He, J. *see* Cada, M. 114748
He, J. *see* Ngai, T. 113854
He, J.-J., Charbonneau, S., Poole, P.J., Aers, G.C., Feng, Y., Koteles, E.S., Goldberg, R.D., Mitchell, I.V. Polarization insensitive InGaAs/InGaAsP/InP amplifiers using quantum well intermixing 85504
He, J.J. *see* Koteles, E.S. 65366
He, J.J. *see* Poole, P.J. 85321
He, K.Y. *see* Zhou, F. 75127
He, K.Y. *see* Zhou, F. 115486
He, L., Doyle, W.D. A theoretical description of magnetic switching experiments in picosecond field pulses 84780
He, L., Doyle, W.D., Varga, L., Fujiwara, H., Flanders, P.J. High-speed switching in magnetic recording media 106511
He, L. *see* Zhao, T. 80037
He, L. *see* Zhao, T. 100848
He, L.X. *see* Basart, J.P. 73555
He, M.G., Harvey, A.L., Vinay, T. Vehicle number plate location for character recognition 86699
He, M.Y., Lipkin, J., Clarke, D.R., Evans, A.G., Tenhover, M. Residual stresses in dielectrics caused by metallization lines and pads 63448
He, Q.H. *see* Kwong, S. 97650
He, R., Guranovic, V., Cruz, J.R. Reduced state Viterbi decoder for simple partial erasure model 95366
He, S. Reconstruction of source distributions on a nonuniform LCRG line using an optimization approach 76514
He, S., Abe, N., Chew Lim Tan A practical structural representation of a segmented image 87119
He, S., Abe, N., Tan, C.L. A practical structural representation of a segmented image 77515
He, S., Fuks, P., Larson, G.W. An optimization approach to time-domain electromagnetic inverse problem for a stratified dispersive and dissipative slab 107838
He, S. *see* Lundstedt, J. 85907
He, S. *see* Lundstedt, J. 85922
He, S. *see* Norgren, M. 97210
He, S. *see* Norgren, M. 107969
He, W. *see* Cooke, S.J. 65006
He, W. *see* Cooke, S.J. 116292
He, W.M. *see* Lu, Z.W. 96619
He, W.X., Teo, C.Y. Unbalanced short-circuit calculation by phase coordinates 80781
He, X., Finney, S.J., Williams, B.W., Qian, Z. Novel passive lossless soft-clamped snubber for voltage source inverters 71423
He, X., Tafazolli, R., Evans, B.G. Paging signalling in non-GEO satellite mobile systems 88184
He, X., Williams, B.W., Finney, S.J., Qian, Z. New energy recovery snubber configurations for IGBT inverters 113758
He, X., Williams, B.W., Finney, S.J., Qian, Z., Green, T.C. New snubber circuit with passive energy recovery for power inverters 121558
He, X., Williams, B.W., Green, T.C., Finney, S.J. A novel unified passive lossless turn-on and turn-off snubber for high-frequency power converter applications 121561
He, X.H. *see* Zhang, H.Y. 116707
He, Y.L. *see* Welipitiya, D. 92873
He, Y.W. *see* Johnson, M.A.L. 72776
He, Y.W. *see* Johnson, M.A.L. 82694
He, Z., Obermark, J., Du, J., Wehe, D.K., Lee, S., Knoll, G.F. The CSPD-1 γ-ray vision system 101033
He, Z., Obermark, J., Du, J., Wehe, D.K., Lee, S.W., Knoll, G.F. The CSPD-1 γ-ray vision system 80156
He, Z. *see* Guru, S.V. 120181
He, Z. *see* Palmer, M.J. 101012
He, Z.Y. *see* Li, W.S. 104763
He, Z.Y. *see* Yao, S. 66635
He Anzhi *see* Lu Jian 64939
He BaoPing *see* BaoPing He
He Bin *see* Bin He
He Chun-Xiang *see* Chun-Xiang He
He Dayu The definition, opportunities and limitations of FACTS technology 91102
He Dayu The FACTS controllers and proposals for their development and application in China 111564
He Du *see* Zhong-Xuan Zhang 73167
He Duohui *see* Li Ge 69603
He Feiyun, Wen Maosheng, Cai Yuanlong A high-speed integrated services hybrid switching network 117975
He Feizhou *see* Shi Weidong 69703
He Gang *see* Gang He
He Guansheng Classical approximation for theory of free-electron laser 65378
He Guiqing *see* Guiqing He
He Guoyu, Jiang Xianzuo, Fang Hui, Dai Zhongning On similitude of diffraction by aperture [antennas] 65975
He Guoyu, Jiang Xianzuo, Fang Hui, Dai Zhongning The similarity in aperture diffraction 97085
He Haiyan *see* Haiyan He
He Hong Qi *see* Qi He Hong
He Hongila *see* Hongila He
He Huajie, Gu Wanyi, Li Guorui, Xu Daxiong Analyses on stable and transient gain in erbium-doped fiber amplifier 65077
He Jiali *see* Chen Chaoying 121097
He Jiali *see* Li Yongli 81518
He Jiali *see* Sun Yaming 121141
He Jianmin *see* Li Qunzhan 112555
He Jianming *see* Grimshaw, R. 65445
He Jie *see* Jie He
He Jinliang, Wu Weihan, Geo Yuming, Zhang Ji On thermal properties of polymer housing ZnO surge arresters. II. ANN simulating model of power losses of varistors and thermal stability properties of arresters 70984
He Jinliang *see* Chen Xianlu 91212
He Jinliang *see* Weihan Wu 70989
He Lianna *see* Lianna He
He Lie Luo *see* Jian-Ping Wang 115473
He Liming *see* Liming He
He Longqing *see* Longqing He
He Meihua *see* Zhao Baoying 105901
He Min-Cai *see* Min-Cai He
He Mincai, Chen Changqing, Guo Ying, Liu Zhiwei An indirect-coupling photodetector operating in the peak region 110152
He Ping *see* Ping He
He Qiming *see* Qiming He
He Qing *see* Yang Yonggao 98712
He Qingyi *see* Qingyi He
He Renjie *see* Renjie He
He Renmu, Wei Xiaoming, Han Mingxiao Power system dynamic load modeling based on the measurements in the field 90925
He Rong *see* Rong He
He Sailing *see* Sailing He
He Shiping *see* Ju Xiangyang 119950
He Shousheng *see* Shousheng He
He Shunzhong, Sun Yuankun, Zhang Yimo, Wang Yongzhao, Jiang Quanzhong, Lu Xinliang, Chen Huanchu Ring self-pumped phase conjugation oscillator 65485
He Songhua *see* Zhang Liang 119314
He Suyou, Wang Xiujin, Liu Kun, Yang Yawen Development of the automatic measuring system for pyroelectric coefficient 99851
He Tianshui *see* Tianshui He
He Weijun *see* Chen Xiaochuan 112554
He Xiangning *see* Xiangning He
He Xianmei *see* Xianmei He
He Xiaoping *see* Xiaoping He
He Xiaoyin, Ens, H., Visintini, G. Network management and operations with ONMS 118247
He Xihong, Hu Hongzhang Field distribution of $Ti:LiNbO_3$ single mode optical waveguide 64742
He Xiufeng *see* Liu Jianye 101482
He Xiukun *see* Xiukun He
He Yandong *see* Chen Zhiyun 84607
He Yandong *see* Yandong He
He Yi *see* Ding Bainan 76061
He Yi *see* Xhu Dajun 62541
He Yie *see* Yie He
He Yingling *see* Wu Deyong 65012
He Yubin, Yan Guirong, Zhang Daoli, Sheng Wei A fuzzy diagnosis method of stator faults based on the unbalanced stator currents 71257
He Yuliang *see* Yuliang He
He Zhan *see* Zhan He
He Zhao *see* Zhao He
He Zhenya *see* Zhenya He
He Zhijun *see* Zhao Yu 78157
He Zhiping *see* Zhiping He
He Zhiyong *see* Li Zuyu 69773
He Zhong *see* Zhong He
He Zhongli *see* Zhongli He
He-Jun Lee, Jung-Hun Kim, Ki-Woong Whang, Jung-Heon Joo Effects of magnetic field on oxide etching characteristics in planar type radio frequency inductively coupled plasma 84132
He-Young Lee, Myung-Bo Kwak, Seung-Hoon Lee Low-voltage low-power comparator design techniques 106193
Heacock, D. *see* Freeman, D. 71528
Heacock, D.K. *see* Bently, W.F. 71622
Head, D. MIL-STD-1553B [data bus system standard] 77950
Head, J.R., Dunster, S.B., Ibrahim, D. TCAM–an open data network for traffic systems 98737
Head, L. *see* Anson, S. 83596
Head, T. Embedding lattices of fuzzy subgroups into lattices of crisp subgroups 92450
Head, T. *see* Weber, A. 97559
Headley, C.E., III *see* Stentz, A.J. 65106
Headley, K.L. *see* Dasgupta, B.B. 83775
Headley, R., Hepfer, K., Dezeeuw, P. Horizon infrared surveillance sensor (HISS): a review of the HISS project and measured performance during multi-sensor integration testing 69268
Headley, T.J. *see* Tuttle, B.A. 106400
Heafner, H. Age progression technology and its application to law enforcement 66866
Heagy, J. *see* Pecora, L. 61588
Heagy, J.F. *see* Mar, D.J. 95357
Heald, A.E. *see* Lindstrom, R.M. 80135
Heald, G.J. *see* Dobbins, P.F. 68735
Healey, A.J. *see* An, P.E. 88788
Healey, A.J. *see* Bachmann, E.R. 88790
Healey, A.J. *see* Marco, D.B. 88738
Healey, G., Jain, A. Using physics-based invariant representations for the recognition of regions in multispectral satellite images 86449
Healey, G., Jain, A. Retrieving multispectral satellite images using physics-based invariant representations 101581
Healey, G. *see* Najand, S. 98017
Healey, G. *see* Slater, D. 86452
Healey, G. *see* Wang, L. 86410
Healey, H.J. *see* Abbott, W.H. 62438
Healey, P.D. *see* Gokhale, M.R. 103855
Healy, D. *see* Bloor, D. 85582
Healy, D.M. *see* Priebe, C.E. 108443
Healy, J.T. The need for highly integrated manufacturing test equipment 72252
Healy, M. Status report: developments in the European broadband wireless industry 109860
Healy, T. *see* Stoker, C.R. 90821
Hean Koh Eng *see* Eng Hean Koh
Hean Low Lee *see* Low Lee Hean
Hean-Teik Chuah, Tjuatja, S., Fung, A.K., Bredow, J.W. A phase matrix for a dense discrete random medium: evaluation of volume scattering coefficient 111164
Heaney, E. *see* McGrath, F.J. 68144
Heang-Ping Chan, Shih-Chung B. Lo, Niklason, L.T., Ikeda, D.M., Kwok Leung Lam Image compression in digital mammography: effects on computerized detection of subtle microcalcifications 110727
Heang-Ping Chan *see* Petrick, N. 120389
Heang-Ping Chan *see* Sahiner, B. 120292
Heang-Ping Chan *see* Sahiner, B. 120387
Heanue, J. *see* Brown, J.K. 101175
Heanue, J.A. Detector and electronics design considerations for an emission-transmission medical imaging system 120393
Heanue, J.A., Brown, J.K., Kalki, K., Hasegawa, B.H. The relative importance of energy resolution for quantitative ^{99m}Tc SPECT imaging 90353
Heanue, J.A., Brown, J.K., Kalki, K., Hasegawa, B.H. The relative importance of energy resolution for quantitative ^{99m}Tc SPECT imaging 101246
Heanue, J.A. *see* Bennett, P.R. 101281
Heanue, J.F., Bashaw, M.C., Daiber, A.J., Snyder, R., Hesselink, L. Digital holographic storage system incorporating thermal fixing in lithium niobate 116011
Heanue, J.F., Gurkan, K., Hesselink, L. Signal detection for page-access optical memories with intersymbol interference 64632
Heanue, J.F. *see* De Vre, R. 95647
Heanue, M., Murphy, J.A., Withington, S. Optics for submillimetre-wave astronomical receivers 68830
Heap, T., Hogg, D. Extending the point distribution model using polar coordinates 108414
Heap, T., Hogg, D. Towards 3D hand tracking using a deformable model 117889
Hearn, G. *see* Lennie, J. 77807
Hearn, J.P. *see* Bansal, V. 118597
Hearn, W. *see* Beuville, E. 90203
Hearn, W. *see* Beuville, E. 100968
Hearne, M. Good deals: choosing an international VAN 87581
Hearne, S. *see* Xiang, J. 94788
Hearnes, W.E., II *see* Esogbue, A.O. 120982
Hearty, C. The physics program and status of the SLAC B-Factory and detector 110472
Heath, D.R. *see* Lacy, N.H. 81243
Heath, M., Sarkar, S., Sanocki, T., Bowyer, K. Comparison of edge detectors: a methodology and initial study 86790
Heather, D. Voice/data integration–sharing the costs 118514
Heatley, D.R. *see* Dunlop, A.M. 76180
Heaton, J. *see* Konarski, M.M. 92268
Hebb, J.P. *see* Jensen, K.F. 84548
Hebb, J.P. *see* Merchant, T.P. 74510
Hebbar, J. *see* Seetharaman, K. 97985
Hebbar, K.Jayaram *see* Jayaram Hebbar, K.
Hebden, J.E., Torry, J.N. Neural network and conventional classifiers to distinguish between first and second heart sounds 70127
Hebeebullah, M.B. *see* Najjar, Y.S.H. 102484
Hebel, Z., Huml-Dimitrijevic, M., Mileusnic, E., Kalea, M., Nikolovski, S. Design of operational events statistics in the transmission network of the Croatian National Electricity 111553
Hebenstreit, M. *see* Pockl, M. 107076
Heber, O. Terminal laser stripper for molecular beams 79883
Heberle, D. *see* Lewis, T. 91830
Heberlein, J. *see* Zhou, X. 62570
Heberlein, J.V.R. *see* Xin Zhou 105005
Hebert, B. *see* Amor, L.B. 102658
Hebert, F. *see* Bashir, R. 63902
Hebert, F. *see* Bashir, R. 84529
Hebert, F. *see* Mills, T.B. 61639
Hebert, G. *see* Linton, D.G. 113029
Hebert, J. *see* Pehlke, D.R. 62272

Hebert, J.-P. *see* Delansay, P. 109646
Hebert, J.-P. *see* Pitel, F. 119180
Hebert, M. *see* Heung-Yeung Shum 86424
Hebert, M. *see* Higuchi, K. 108434
Hebert, M. *see* Johnson, A.E. 99677
Hebert, M. *see* Shum, H.-Y. 117682
Hebert, M. *see* Stentz, A. 77323
Hebert, M. *see* Ponce, J. *(editor)* 112686
Hebert, P., Betge-Brezetz, S., Chatila, R. Decoupling odometry and exteroceptive perception in building a global world map of a mobile robot: the use of local maps 79716
Hebert, P. *see* Betge-Brezetz, S. 77299
Hebert, R.T. Opto-mechanical details in injection-molded assemblies 75654
Hebert, R.T. Off-axis optical elements in integrated, injection-molded assemblies 79538
Hebert, T.J., Moore, W.H., Dhekne, R.D., Ford, P.V., Ting, Y., Wendt, J.A., Murphy, P.H. Design of an automated algorithm for labeling the cardiac blood pool in gated SPECT images of radiolabeled red blood cells 101290
Hebert, T.J., Moore, W.H., Dhekne, R.D., Ford, P.V., Wendt, J.A., Murphy, P.H. Design of automated algorithms for analyzing gated SPECT cardiac blood pool images 90445
Hebrard, L. *see* Carrabina, J. 74836
Hebuterne, G., Monin, W. Service specific connection oriented protocol (SSCOP) with no credit limitation 109158
Hechner, J., Wrobel, T. The influence of PcCu layer crystalline structure on the temperature stability of SAW gas sensors 106463
Hecht, B. *see* Bauer, P. 99934
Hecht, H. *see* Dong Tang 102375
Hecht, H.M., Derick, G.R. A low cost automatic mill load level control strategy 82047
Hecht, M. *see* Dong Tang 102375
Hecht, M.H. *see* Buehler, M.G. 69073
Hecht, M.H. *see* Buehler, M.G. 89035
Hecht, M.H. *see* Chang, F.I. 74976
Hecht, M.H. *see* Muller, L. 80558
Hecht-Nielsen, R. Survey of ATR research and development at HNC Software Inc 67477
Hecht-Nielsen, R., Min Shao, Shinmin Wang Fast K-NN search for robust ATR object matching 77308
Hechtfischer, G. *see* Veith, M. 115884
Hechtman, C.D. *see* Lenzing, E.H. 97328
Heck, C. *see* Jikimoto, T. 105464
Heck, J.L. *see* Fabbricatore, P. 90191
Heck, S. *see* Fritzsche, H. 95943
Heck, W. *see* Richter, H. 112906
Heckart, C., Gage, B. Megamedia mania 108900
Heckathorn, J., Lala, J., Prizant, J., Silver, L. GPS ground antenna and monitor station upgrades: system analysis and design 68339
Heckathorn, J. *see* Burkhardt, L. 68338
Hecke, H.van *see* van Hecke, H.
Hecke, T.van *see* van Hecke, T.
Heckele, M. *see* Kohler, U. 84636
Heckenberg, N.R., Vaupel, M., Malos, J.T., Weiss, C.O. Optical-vortex pair creation and annihilation and helical astigmatism of a nonplanar ring resonator 116697
Heckenberg, N.R. *see* Tang, D.Y. 65398
Heckenberg, N.R. *see* Tang, D.Y. 96118
Heckenberg, N.R. *see* Tang, D.Y. 107133
Heckenberg, N.R. *see* Tang, D.Y. 107485
Heckens, S. *see* Hilfiker, J.N. 75189
Hecker, W. *see* Berroth, M. 80846
Heckerman, D. *see* Breese, J.S. 113014
Heckl, W.M. *see* Gottlich, H. 99936
Heckman, T., Krumm, J. Searching for contours 69970
Hecquet, M., Brochet, P. Claw-pole alternator modeling using permeance network coupled with electrical circuit 111902
Hector, S.D. *see* Smith, H.I. 115095
Hedberg, S.R. Green engineering: AI pioneers cutting a trail 72359
Hedberg, V. *see* Alvsvaag, S.J. 90124
Hedblom, K., Friesel, D.L. Stripping injection into the new booster ring at IUCF 100703
Hedblom, K. *see* Kang, X. 89843
Hedblom, K. *see* Pei, A. 100653
Hedblom, K. *see* Pei, A. 100654
Heddebaut, M. *see* Hettstedt, H.-D. 99318
Heddebaut, M. *see* Szelag, M. 99725
Hedderich, W. Dynamic diesel-backed power supply systems; a proven technology 91373
Hedegard, P. *see* Hansen, L.T. 105262
Hedekvist, P.O., Karlsson, M., Andrekson, P.A. Polarization dependence and efficiency in a fiber four-wave mixing phase conjugator with orthogonal pump waves 65512
Hedelin, P. *see* Skoglund, M. 66459
Hedemalm, P. *see* Segerberg, T. 72368
Hedemann, M.A. *see* Brannon, P.J. 96215
Heden, C., Ho, K., Pong, R., Weisenberger, W. $^{11}BFH^+$ contamination of phosphorus ion implants 63265
Hedetniemi, S. *see* Dunbar, J. 72446
Hedge, J.D. *see* Button, T.W. 95394
Hedger, D.F. *see* Benke, K.K. 120831
Hedges, S.J. *see* Phillips, W.A. 62304
Hedia, H., Henrotte, F., Dular, P., Genon, A., Legros, W. Determination of equivalent material characteristics for parasitic effects in electrical apparatus 116825
Hedia, H. *see* Meys, B. 107979
Hedin, R., Jalali, S., Weiss, S., Cope, L., Johnson, B., Mah, D., Torgerson, D., Vossler, B. Improving system stability using an advanced series compensation scheme to damp power swings 70777
Hedjazi, M., Rahbar, N., Sharafi, A.A., Khodadoost, A.A. Artifact assessment of RARE sequence in brain with motion reduction techniques 110803
Hedley, R.P. *see* Woods, M.J. 88907
Hedling, G. *see* Sjoberg, L. 68776
Hedrich, L. *see* Borchers, C. 83263
Hedrick, J. *see* Da-Yuan Shih 112936
Hedrick, J.C. *see* Deutsch, A. 62454
Hedstroem, J. *see* Hariskos, D. 103013
Hedstrom, B.A., Kirlin, R.L. Co-channel signal separation using coupled digital phase-locked loops 117446
Hedstrom, J.C. *see* Grot, S.A. 112328
Hedt, B.vom *see* vom Hedt, B.
Hedtke, R., Schnoll, M. Segment processing of MPEG-2 encoded video sequences 108406
Hee, R. *see* Pilo, H. 73353
Hee Byun Young *see* Young Hee Byun
Hee Chan Kim *see* Won Woo Choi 70236
Hee Cho Yun *see* Yun Hee Cho
Hee Chu Jang *see* Jang Hee Chu
Hee Chul Lee *see* Byung-Tak Jang 83556
Hee Gap Park *see* Myoung Soo Lee 85392
Hee Han Jin *see* Jin Hee Han
Hee Jin Lim, Min Su Cho, Go Bong Choi A study on call modelling for AIN/B-ISDN integration 87939
Hee Ju Kim, Hyun Huh, Jae Kyung Pan An implementation of the efficient optical perfect shuffle interconnection with block-quantized binary phase hologram 109635
Hee Jun Kim *see* Young Tae Kim 90716
Hee Kim Dong *see* Dong Hee Kim
Hee Kwon Song *see* Jingfei Ma 90384
hee Lee Chul *see* Chul hee Lee
Hee Lee Jung *see* Jung Hee Lee
Hee Lee Kyoung *see* Kyoung Hee Lee
Hee Lee Kyung *see* Kyung Hee Lee
Hee Lee Young *see* Young Hee Lee
Hee Min Park, Chong Suck Rim A performance-driven placement method for FPGAs 61857
Hee Nam Chang *see* Chang Hee Nam
Hee Sik Kim *see* Young Bae Jun 113116
Hee Soo Yang, Jae Hyeong Kim, Sang Ho Park, Il Dong Yun, Sang Uk Lee An implementation of the vision system for monitor inspection 72321
Hee Soo Yoon, Ki Woong Nam, Chang Seop Koh Magnetic pole shape optimization of permanent magnet motor for reduction of cogging torque 111875
Hee Suh Sang *see* Sang Hee Suh
Hee Sung Ahan *see* Jeong Doo Kim 81100
Hee Tae Lee *see* Seung Goo Kang 119229
Hee Youn Dae *see* Dae Hee Youn
Hee Youn Dae *see* Youn Dae Hee
Hee-Baik Chae *see* Jin-Yeol Do 110398
Hee-Cheol Choi, Gil-Cho Ahn, Seung-Hoon Lee, Geun-Soon Kang, Seoung-Ho Lee, Myung-Jun Choe A 10-bit 20-MHz CMOS A/D converter 93530
Hee-Chuen Cho Ge deposition from digermane on the Si(100)-(2×1) surface 61326
Hee-Don Seo *see* Takao, H. 110100
Hee-Doo Kwon, Dong-Il Kim, Suck-Mok Lee, Tae-Goo Lee, Kwang-Ryel Lee Design and fabrication of low-loss SAW filter using image-impedance IDT 84745
Hee-Je Kim, Eun-Soo Kim, Young-Bok Byun, Kee-Yeon Joe Development and operational characteristics of high repetition rate and high power pulsed Nd:YAG laser 107214
Hee-Jin Lim *see* Ki-Ryeung Kimo 78143
Hee-Joong Yun, Young-Ho Park Carrier concentration distribution in poly-Si/SiO_2/Si annealed by scanning cw Nd:YAG (1.06 μm) laser processing 63139
Hee-Kyung Sung *see* Tae-Hong Kim 61442
Hee-Ro Kwak *see* Dong-Jin Kweon 81520
Hee-seok Koh, Chung-sik Lee, Jong-dal Kim, Jong-kyu Choi Weekly maximum power demand forecasting using model in consideration of temperature estimation 101989
Hee-Seok Koh, Hyun-Duck Kim, Kwang-Seok Lee Verification and estimation of a posterior probability and probability density function using vector quantization and neural network [for speech recognition] 76857
Hee-Sook Choi *see* Wang-Hwan Lee 117970
Hee-Sung Ahan *see* Jeong-Boo Kim 81106
Hee-Sung Moon, Nam-Joon Kim, Dong-Seok Hyun Low speed control of induction machines by the instantaneous speed and inertia estimation 111967
Heeb, B. *see* Buhl, D. 113539
Heeb, B. *see* Jeandupeux, O. 106654
Heeck, K. *see* Schnack, H.G. 110116
Heedt, C. *see* Mihaila, M. 106066
Heedt, C. *see* Mihaila, M. 106071
Heegard, C. Constellation shaping for the Gaussian channel 66188
Heeger, A.J. Polymer light-emitting devices: promises, prospects–and problems 64978
Heeger, A.J. *see* Hide, F. 96212
Heeger, A.J. *see* Lemmer, U. 64985
Heeger, A.J. *see* McElvain, J. 115121
Heeger, A.J. *see* Yang, Y. 96023
Heeger, A.J. *see* Yong Cao 81652
Heeger, D.J. *see* Teo, P.C. 86979
Heekyoung Woo, Chong-Kwon Kim Multicast scheduling for VOD services 88846
Heeley, R. *see* Dobinson, R.W. 90233
Heeman, P., Allen, J. Detecting and correcting speech repairs 108192
Heemstra de Groot, S.M. *see* Olah, A.L. 98498
Heenan, M.T. Employer liability related to workplace safety and health obligations at cement operations 72194
Heens, B. *see* Meuleman, L. 68452
Heera, V. Comment on "Evidence of enhanced epitaxial crystallization at low temperature by inelastic electronic scattering of mega-electron-volt heavy-ion-beam irradiation" [J. Appl, Phys. 79, 682 (1996)] 113382
Heera, V., Kogler, R., Skorupa, W., Stoemenos, J. Ion beam induced crystallization of 6H-SiC 104052
Heera, V., Pezoldt, J., Ning, X.J., Pirouz, P. High dose co-implantation of aluminium and nitrogen in 6H-silicon carbide 105587
Heera, V. *see* Henkel, T. 74532
Heera, V. *see* Perez-Rodriguez, A. 94712
Heera, V. *see* Serre, C. 61248
Heerdt, A.S. *see* Demos, S.G. 120382
Heerens, W.C. Ideas about an absolute specimen replacement strategy 79337
Heerens, W.Chr. *see* Holman, A.E. 79383
Heering, W. Detectors for the measurement of intense ultraviolet-C radiation [using MIM structure] 89090
Heerink, L., Tretmans, J. Formal methods in conformance testing: A probabilistic refinement 118111
Heermann, D.W. *see* Ozawa, S. 60812
Heermann, P.D. *see* Pletta, J.B. 71857
Heers, B. Leader propagation in inhomogeneous SF_6-gaps under VFT-stress with critical frequencies 75047
Heesang Lee, Soung Ryong Yee, Sang-Baeg Kim IE/OR and telecommunication networks in Korea 77772
Heesch, E.J.M.van *see* van Heesch, E.J.M.
Heese, R. *see* Murphy, J.B. 79881
Heeswyk, F.Van *see* Van Heeswyk, F.
Heethaar, R.M. *see* Noordegraaf, A.V. 101393
Heffernan, J.F. *see* Aherne, T. 76080
Heffernan, J.F. *see* Donegan, J.F. 75956
Heffernan, J.F. *see* Rees, P. 96332
Heffernan, K.J., Heiss, J.E., Boldt, J.D., Darlington, E.H., Peacock, K., Harris, T.J., Mayr, M.J. The UVISI instrument 90691
Heffner, B.L. Analysis of interferometric PMD measurements: relation to principal states model for highly mode-coupled fibers 64672
Heffner, B.L. PMD measurement techniques–a consistent comparison 85014
Heffner, W. *see* Bettati, R. 118531
Heft, A. *see* Glaser, E. 105594
Hefzy, M.S., Nemunaitis, G., Hess, M. Design and development of a pressure relief seating apparatus for individuals with quadriplegia 101437
Hegab, N.A. *see* Fadel, M. 114657
Hegarat-Mascle, S.Le *see* Le Hegarat-Mascle, S.
Hegarty, J. *see* Aherne, T. 76080
Hegarty, J. *see* Donegan, J.F. 75956
Hegarty, J. *see* Egan, A. 65306
Hegarty, J. *see* Egan, A. 75979
Hegarty, J. *see* Rakennus, K. 74228
Hegarty, J. *see* Rees, P. 96332
Hegazy, Y.G., Saleh, K.I., Badr, M.A. An efficient identifier for synchronous machine dynamics 121445
Hegblom, E.R., Babic, D.I., Thibeault, B.J., Coldren, L.A. Loss limitations in dielectrically apertured vertical cavity lasers 107415
Hegde, A. Clock distribution in high speed systems 73506
Hegde, H., Qian, X.R., Jong-Guk Ahn, Cadieu, F.J. High-temperature magnetic properties of $TbCu_7$-type SmCo-based films 75279
Hegde, H. *see* Levy, M. 75568
Hegde, H. *see* Qian, X.R. 64223
Hegde, M., Moh, W.M. Effect of bursty source traffic on rate-based ABR congestion control schemes 108943
Hegde, M. *see* Naraghi-Pour, M. 67519
Hegde, M.V. *see* Min, P.S. 77687
Hegde, M.V. *see* Vargas, C. 67598
Hegde, M.V. *see* Vargas, C. 117989
Hegde, R.I. *see* Fiordalice, R.W. 74629
Hegde, R.I. *see* Maiti, B. 63175
Hegde, R.K. *see* Ravikumar, A.R. 112139
Hegde, V. *see* Bhalode, S. 120264
Hege, E.K., Angel, J.R.P., Cheselka, M., Lloyd-Hart, M. Simulation of aperture synthesis with the Large Binocular Telescope 77195
Hege, E.K. *see* Christou, J.C. 77194
Hegedus, S., Haifan Liang, Gordon, R.G. Transparent conducting oxides (TCOs) for amorphous silicon solar cells 112401
Hegedus, S.S. *see* Luft, W. 112343
Hegenbarth, E. *see* Escher, U. 84877
Heger, G. *see* Howorka, K. 110873
Heger, W., Mohr, W. Pro's and con's of TDMA and CDMA for digital cellular networks 99343
Heggarty, K. *see* Barge, M. 96774
Heggarty, K. *see* Barge, M. 98266

Heggazy, A. *see* Swidan, M.A. 101988
Heggset, J. *see* Holen, A.T. 102035
Hegland, J.E. *see* Mathur, V.K. 110979
Hegner, H.J. *see* Sudhoff, S.D. 112117
Hegt, J.A. *see* Leenaerts, D.M.W. 104723
Hegyesi, G. *see* Lakatos, T. 120225
Hehenberger, G. Development of a wind turbine for the Austrian environmental conditions. 1.2 MW pilot project in Burgenland 91411
Hehmann, J. *see* Klenk, M. 96423
Hehmann, J. *see* Spalthoff, U. 96071
Hehn, M., Ounadjela, K., Padovani, S., Bucher, J.P., Arabski, J., Bardou, N., Bartenlian, B., Chappert, C., Rousseaux, F., Decanini, D., Carcenac, F., Cambril, E., Ravet, M.F. Structural and magnetic study of submicronic single crystal cobalt box arrays 64271
Hehn, M. *see* Ounadjela, K. 64352
Hehrir, M.H., Fatehi, F. Tracking control of DC motors via input-output linearization 71335
Heiberg, E.V., Perman, W.H., Herrmann, V.M., Janney, C.G. Dynamic sequential 3D gadolinium-enhanced MRI of the whole breast 80285
Heiberger, M. *see* Jongen, Y. 101424
Heiblum, M. *see* Brill, B. 62741
Heiblum, M. *see* Reznikov, M. 63825
Heiblum, M. *see* Yacoby, A. 62977
Heid, C. *see* Malcuit, M.S. 65563
Heida, J.P. *see* Nitta, J. 105257
Heidari, S., Nikias, C.L. Co-channel interference mitigation in the time-scale domain: the CIMTS algorithm 107953
Heidari, S., Tsihrintzis, G.A., Nikias, C.L., Jonckheere, E.A. Self-similar set identification in the time-scale domain 76986
Heide, D. Encoded speech intelligibility improvement in the F/A-18 noise environment using spectral subtraction preprocessing 101645
Heide, F.Meyer auf der *see* Meyer auf der Heide, F.
Heide, P., Schubert, R., Macori, V., Schwarte, R. A high performance multisensor system for precise vehicle ground speed measurement 89506
Heide, S. *see* Nachtwei, G. 74273
Heidelbach, R. *see* Adams, G.F. 111419
Heidelberger, P. *see* Cheng-Shang Chang 87280
Heideman, G. *see* Keesman, G. 98305
Heideman, V. *see* Ellenberger, C. 94088
Heideman, V. *see* Schubert, B. 94087
Heidemann, R. The IVOD Berlin project: Access technology for service provisioning 118653
Heiden, M.J.Vander *see* Vander Heiden, M.J.
Heiden, M.S.Van Der *see* Van Der Heiden, M.S.
Heiden, R.Van Der *see* Van Der Heiden, R.
Heidenblut, T. *see* de Nivelle, M.J.M.E. 101555
Heidenreich, S. *see* Drab, F. 121251
Heider, S. *see* Albers, D. 69756
Heider, T. *see* Presia, M. 61424
Heiderhof, R., Cramer, R.M., Balk, L.J. Nanoscopic EBIC technique in a hybrid SEM/SFM system 110351
Heiderhoff, R. *see* Balk, L.J. 115117
Heidmann, J., Weller, D., Siegmann, H.C., Garwin, E.L. Magnetic reversal in perpendicularly oriented thin films subjected to picosecond magnetic fields 84779
Heidrich, H. *see* Albrecht, P. 75501
Heidrich, H. *see* Hamacher, M. 78679
Heidrich, H. *see* Kaiser, R. 68384
Heidrich, H. *see* van Dam, C. 106833
Heidrich, P., Hanitsch, R. Indirectly coupling time-stepping techniques for electro-magnetic systems using quasi Newton-Raphson solvers and on-line field calculations 62395
Heidrich, P., Hanitsch, R. Simulation of a completely controlled switched reluctance drive with eccentric rotor using a time-stepping technique realised outside numerical field calculation programs 71798
Heiduschke, K., Weber, L., Birolini, A. Damage and micro-crack evolution in SMT solder joints 112911
Heier, M. *see* Boak, D. 109668
Heifets, S., Chao, A., Daly, E., Ko, K., Kurita, N., Lin, X., Ng, C., Nordby, M., Perkins, C., Seeman, J., Stupakov, G., Wienands, U., Wright, D., Zolotarev, M., Henestroza, E., Lambertson, G., Corlett, J., Byrd, J., Zisman, M., Weiland, T., Stoeffi, W., Bolser, C. Impedance study for the PEP-II B-factory 89624
Heifets, S. *see* Henestroza, E. 89954
Heifets, S. *see* Raubenheimer, T. 89853
Heifets, S.A. Microwave instability beyond threshold 120025
Heifets, S.A., Kheifets, S.A., Woo, B. Transverse EM fields in a detuned X-band accelerating structure 89960
Heifets, S.A. *see* Jones, R.M. 89951
Heifets, S.A. *see* Wienands, U. 89916
Heigl, G. *see* Oswald, J. 105402
Heijde, G.L.van der *see* van der Heijde, G.L.
Heijden, G.W.A.M.Van der *see* Van der Heijden, G.W.A.M.
Heijenk, G., Haverkort, B.R. Design and evaluation of a connection management mechanism for an ATM-based connectionless service 98633
Heijmans, H.J.A.M. *see* Goutsias, J. 77470
Heijne, E.H.M. *see* Antinori, F. 120156
Heijne, E.H.M. *see* Becks, K.-H. 62521
Heijne, E.H.M. *see* Faccio, F. 106018
Heijne, E.H.M. *see* Pengg, F. 90221
Heijne, E.H.M. *see* Pengg, F. 100883
Heijne, M. *see* Dempsey, L. 98757
Heike, S., Hashizume, T., Wada, Y. Nanoneedle formation on silicon (111) surface using a scanning tunneling microscope tip 114587
Heikes, C., Colon-Bonet, G. A dual floating point coprocessor with an FMAC architecture 73438
Heikkila, J., Silven, O. Accurate 3-D measurement using a single video camera 67427
Heikkila, J. *see* Lipasti, L. 99802
Heikkila, L., Keski-Rahkonen, O. *(editors)* Advanced numerical modelling of a fire. Final report 91269
Heikkinen, J., Klapuri, H., Saarinen, J., Oksanen, H., Kastepohja, A. Fuzzy classifier in defect diagnosis of solder joints 113011
Heikkinen, J., Klapuri, H., Saarinen, J., Oksanen, H., Kastepohja, A., Urpelainen, M. Defect diagnosis of solder joints using fuzzy logic 104946
Heikkinen, J., Makela, J. Pure energy plants are gaining in popularity 71141
Heilbronn, B. *see* Jonard, F. 101981
Heilbronn, L.H. *see* Levy, R.P. 110882
Heilbrunn, W. *see* Batskikh, G. 89811
Heilig, R. *see* Hollmann, D. 62303
Heilmann, T. *see* Waegner, N. 118947
Heilpern, S. Comparison of fuzzy numbers in decision making 60802
Heim, D.E. *see* Chiu, A. 106599
Heim, J., Bertolini, L., Dressler, J., Fackler, O., Hobson, B., Kendall, M., O'Connor, T., Stoeffl, W., Swan, T. Wiggler insertion of the PEP-II B-Factory LER 79957
Heim, J., Kendall, M., Bertolini, L., Fackler, O., O'Connor, T., Swan, T., Zholents, A. Design and analysis of a wiggler magnet system for the PEP-II B-Factory LER 100442
Heim, K.R. *see* Scheinfein, M.R. 64267
Heim, P. *see* Atia, W.A. 110403
Heim, P.J.S. *see* Vusirikala, V. 88484
Heimala, P., Katila, P., Aarnio, J. Integrated optical ring resonator on silicon with thermal tuning and in situ temperature measurement 95788
Heimala, P., Katila, P., Aarnio, J., Heinamaki, A. Thermally tunable integrated optical ring resonator with poly-Si thermistor 116093
Heimala, P. *see* Katila, P. 64790
Heimann, C. *see* Eversheim, P.D. 120080
Heimann, R. *see* Pelizzari, C.A. 69973
Heimbach, M. EMC analysis for grounding structures in power systems 81174
Heimbeck, H.-J. *see* Langenbach, E. 116594
Heimbeck, H.J. *see* Blattner, P. 88605
Heimberg, P. *see* Jacobsen, E.R. 69762
Heimbigner, T. *see* Wilson, B.W. 90621
Heimbrodt, W., Gridneva, L., Happ, M., Neugebauer, F., Suisky, D., Hoffmann, N., Griesche, J. Dimensional dependence of magneto-optical properties of ZnMnSe MBE layers 74231
Heimbuch, M.E. *see* Cohen, D.A. 85500
Heimbuch, M.E. *see* Holmes, A.L., Jr. 94508
Heimbuch, M.E. *see* Jan, Y.-H. 109618
Heimbuch, S. *see* Fritsche, D. 87565
Heime, K. *see* Behet, M. 61279
Heime, K. *see* Behres, A. 105335
Heime, K. *see* Hofschen, S. 114214
Heime, K. *see* Mertens, K. 95776
Heime, K. *see* Opitz, B. 94558
Heime, K. *see* Schmidt, G. 62789
Heime, K. *see* Weigel, K. 106073
Heimel, J. *see* Kleinefeld, T. 64226
Heimig, I. *see* Fischer, K. 87844
Heimlinger, G. *see* Alexandrof, V.A. 100628
Hein, A. *see* Bansch, K. 82340
Hein, G.W. *see* Blomenhofer, E.T. 79047
Hein, G.W. *see* Blomenhofer, H. 79064
Hein, H. *see* Gebhard, U. 112164
Hein, H. *see* Henschel, H. 75506
Hein, H. *see* Henschel, H. 106816
Hein, J.P. *see* Tuttle, G.T. 75262
Hein, K.R.G. *see* Gerhardt, T. 102440
Hein, M.A. Potential of high-temperature superconductors for short-term microwave applications 119980
Hein, M.A., Aminov, B.A., Braginski, A.I., Piel, H., Schmoe, S., Strupp, M., Yi Zhang Effect of current amplitude and coupling strength on the microwave performance of $YBa_2Cu_3O_{7-x}$ SQUIDs at 3 GHz 83398
Hein, M.A., Beuven, S., Gottschlich, M., Perpeet, M., Piel, H., Siegel, M. Experimental evaluation of the nonlinear surface resistance of $YBa_2Cu_3O_{7-x}$ step-edge grain boundary Josephson junctions 84890
Hein, M.A., Chaloupka, H.J., Mitterer, J., Seidel, P. Frequency conversion in hysteretic HTS microwave SQUIDs at 3 GHz 62259
Heinamaki, A. *see* Heimala, P. 116093
Heinbach, M. *see* Wenger, G. 119194
Heindl, J. *see* Glaser, E. 105594
Heindl, J. *see* Pensl, G. 105224
Heindl, R. *see* Gerstenmayer, J.-L. 80140
Heine, A. *see* Albers, D. 69756
Heine, C., Morf, R.H., Gale, M.T. Coated submicron gratings for broadband antireflection in solar energy applications 85247
Heine, E. *see* Kroes, F. 100476
Heine, E. *see* Noomen, J.G. 100546
Heine, F. *see* Braun, B. 116458
Heine, N. *see* Peitzmann, T. 100814
Heinecke, H. *see* Marheineke, B. 103860
Heinecke, H. *see* Veuhoff, E. 105564
Heinecke, H. *see* Wachter, M. 103933
Heineke, R. *see* Feng Wang 113768
Heineken, H.T., Khare, J., Maly, W. Yield loss forecasting in the early phases of the VLSI design process 106173
Heineken, H.T., Maly, W. Standard cell interconnect length prediction from structural circuit attributes 106175
Heinemann, B., Ehwald, K.-E., Schley, P., Fischer, G., Herzel, F., Knoll, D., Morgenstern, T., Ropke, W., Winkler, W. Collector profile design of SiGe-HBTs for optimized static and high-frequency performance 84332
Heinemann, B. *see* Herzel, F. 83358
Heinemann, B. *see* Knoll, D. 84333
Heinemann, K., Hoffstatter, G.H. Tracking algorithm for the stable spin polarization field in storage rings using stroboscopic averaging 100649
Heinemann, L. Simulation and design of high frequency magnetics including the skin effect, nonlinear core properties and thermal effects 71436
Heinen, K.G. *see* Groothuis, S.K. 112974
Heinen-Konschak, E. *see* Hartmann, P. 120119
Heiner, Y. *see* Waschull, J. 70526
Heiney, A.J. *see* Jiang, C.-L. 75537
Heinig, K.H. *see* Bischoff, L. 94701
Heinig, K.H. *see* Reiss, S. 94703
Heinig, N. *see* Hinaus, B.M. 115928
Heinke, H. *see* Litz, T. 64913
Heinke, H. *see* Oehling, S. 74240
Heinkel, U., Glauert, W.H. An approach for a dynamic generation/validation system for the functional simulation considering timing constraints 73229
Heinlein, W.E. *see* Meier, J.E. 64688
Heinol, H., Xu, Z., Schwarte, R., Loffeld, O. A new optical 2D-modulator jacketed in rotational plastic-optics 75588
Heinol, H., Xu, Z., Schwarte, R., Loffeld, O. New optical 2D modulators of large aperture for 3D-vision systems 117810
Heinol, H. *see* Xu, Z. 79344
Heinol, H. *see* Xu, Z. 117809
Heinold, D.L. Retail wheeling: is competition among energy utilities an environmental disaster, or can it be reconciled with integrated resource planning? 90972
Heinonen, M. The CMA humidity standard 109981
Heinonen, O.J. *see* Mattila, K.T. 120285
Heinrich, F., Banziger, U., Jentzsch, A., Neumann, G., Huth, C. Novel high density plasma tool for large area flat panel display etching 79610
Heinrich, F., Banziger, U., Jentzsch, A., Neumann, G., Huth, C. Novel high-density plasma tool for large area flat panel display etching 89278
Heinrich, G., Grogler, T., Rosiwal, S.M., Singer, R.F., Stockel, R., Ley, L. The influence of diamond chemical vapour deposition coating parameters on the microstructure and properties of titanium substrates 72918
Heinrich, G., Jensen, U. Bivariate lifetime distributions and optimal replacement 103518
Heinrich, H. *see* Dickhaus, H. 120414
Heinrich, I., Tolke, P., Pesti, M., Kemnitz, A. Automated load forecasts with artificial neural nets: experiences with a process-data-coupled load forecasting system for energy-economical load management 91060
Heinrich, M. Completely new dimensions. ELMO G 2BH7 sidechannel vacuum pumps and compressors with an extended pressure range 81648
Heinrich, M., Domke, C., Ebert, P., Urban, K. Charges steps on III-V compound semiconductor surfaces 62761
Heinrich, S. *see* Frank, K. 61086
Heinrich, S.M., Shakya, S., Wang, Y., Lee, P.S., Schroeder, S.A. Improved yield and performance of ball-grid array packages: design and processing guidelines for uniform and nonuniform arrays 60609
Heinrich, S.M. *see* Nambisan, B.U. 83590
Heinrich, W., Beilenhoff, K., Mezzanotte, P., Roselli, L. Optimum mesh grading for finite-difference method 107985
Heinrich, W., Zscheile, H., Bischof, W., Keller, R., Lohrmann, R. MMIC spiral inductor modeling 73784
Heinrich, W. *see* Lindenmeier, S. 83475
Heinrich, W. *see* Niederhoff, M. 95757
Heinrich, W. *see* Niederhoff, M. 96298
Heinrich, W. *see* Rheinfelder, C. 83456
Heinrich, W. *see* Rheinfelder, C. 83484
Heinrich, W. *see* Rheinfelder, C.N. 114334
Heinrichs, F. *see* Schultz, M. 105313
Heinrichs, G. *see* Stockhorst, H. 100573
Heinrichs, J., Maslanik, J., Steffen, K. Validation of a sea ice model using forward simulation of ERS-1 SAR data: a case study in the Beaufort Sea 111297
Heinrichs, R.M., Dasey, T.J., Matthews, M.P., Campbell, S.D., Freehart, R.E., Perras, G.H., Salamitou, P. Measurements of aircraft wake vortices at Memphis International Airport with a CW CO_2 coherent laser radar 120652
Heinrichsdorff, F., Krost, A., Grundmann, N., Bimberg, D., Kosogov, A., Werner, P. Self-organization processes of InGaAs/GaAs quantum dots grown by metalorganic chemical vapor deposition 72756

Heinrichsdorff, F. *see* Ledentsov, N.N. 62870
Heins, M. *see* Feng, M. 93697
Heinsohn, K. *see* Klugmann, D. 90766
Heinstadt, J. *see* Franz, M. 97335
Heintz, R. *see* Isner-Brom, P. 106345
Heintze, M., Zedlitz, R. New diagnostic aspects of high rate a-Si:H deposition in a VHF plasma 92893
Heintze, M. *see* Toet, D. 92789
Heinz, A. *see* Schmidt, K.H. 69627
Heinz, E. *see* Machalett, F. 95457
Heinz, M. *see* Stein, S.J. 91940
Heinz, P. *see* Peuser, P. 107167
Heinz, T.F. *see* Nahata, A. 96048
Heinz, T.F. *see* Nahata, A. 116117
Heinzelmann, R. *see* Massini, C. 99588
Heinzmann, J. *see* Zelinsky, A. 117907
Heiser, E.A., Moy, P.C., Munie, G.C., Machusak, D.A., Wenger, G.M. Development of AT&T's internal solderability standard: Building on external specifications and assembly experience 94059
Heiser, G. *see* Altermatt, P.P. 121878
Heiser, G. *see* Wenham, S.R. 102999
Heiser, T. *see* Simon, L. 94664
Heisinger, B. *see* Steinhausen, C. 101201
Heisman, F.L. *see* Feggeler, J.C. 88591
Heismann, F. Compact electro-optic polarization scramblers for optically amplified lightwave systems 99530
Heismann, F. *see* Bergano, N.S. 78681
Heismann, F. *see* Park, Y.K. 78685
Heismann, F.L. *see* Feggeler, J.C. 78683
Heiss, G. *see* Chambless, L.E. 90468
Heiss, H., Xu, D., Kraus, S., Sexl, M., Bohm, G., Trankle, G., Weimann, G. Reduction of the output conductance in InAlAs/InGaAs HEMTs with 0.15 μm gates 104833
Heiss, H. *see* Chertouk, M. 62299
Heiss, H. *see* Kraus, S. 95070
Heiss, J.E. *see* Heffernan, K.J. 90691
Heiss, M. *see* Halper, C. 83180
Heiss, W., Gornik, E., Pidgeon, C.R., Lee, S.-C., Galbraith, I., Murdin, B., Langerak, C.J.G.M., Helm, M., Hertle, H., Schaffler, F. Intersubband lifetimes in Si/SiGe quantum wells 62960
Heiss, W. *see* Murdin, B.N. 62856
Heiss, W.-D. Positron emission tomography: present and future 90296
Heissenberger, T., Rapottnig, A. Operating experience after 20000 hours of operation with a fuel cell power plant 121412
Heissler, J.R. *see* Mulholland, J.E. 73694
Heisterkamp, D.R., Bhattacharya, P. Matching of 3-D curves 82428
Heistermann, J. *see* Back, T. 102408
Heisz, J.M., Zaremba, E. Transverse magnetoresistance of GaAs/Al$_x$Ga$_{1-x}$As heterojunctions in the presence of parallel magnetic fields 74341
Heitkamper, P., Walker, M. Stereophonic and multichannel hands-free speaking 67996
Heitmann, D. *see* Biese, G. 105425
Heitmann, D. *see* Bollweg, K. 105424
Heitmann, D. *see* Kuhl, J. 62867
Heitmann, G. Project-oriented study and project-organized curricula: a brief review of intentions and solutions 72137
Heitmann, J. Future archiving systems: customer requirements and technological attempts 109940
Heitmann, J.K.R. The SMPTE D-6 digital recording format 88856
Heitmann, R. The ultimate connections: BGA and flip chip attachment 82252
Heitmann, W. *see* Humbach, O. 116053
Heitz, C. Optimum time-frequency representations for the classification and detection of signals 117382
Heitz, C. *see* Aspiazu, J. 80119
Heitz, M. Automated client server code generation from object oriented designs using HOOD4 87778
Heitz, R., Moll, E., Kutzer, V., Wiesmann, D., Lummer, B., Hoffmann, A., Broser, I., Baeume, P., Taudt, W., Soellner, J., Heuken, M. Influence of compensation on the luminescence of nitrogen-doped ZnSe epilayers grown by MOVPE 74211
Heitz, R. *see* Dadgar, A. 92784
Heitz, R. *see* Grundmann, M. 105374
Heitz, R. *see* Hoffmann, A. 62803
Heitz, R. *see* Hoffmann, A. 74210
Heitz, R. *see* Kuttler, M. 74375
Heitz, R. *see* Ledentsov, N.N. 62870
Heitz, R. *see* Ledentsov, N.N. 63081
Heitzmann, M. *see* Benistant, F. 84408
Heitzmann, M. *see* Deleonibus, S. 105546
Heitzmann, M. *see* Deleonibus, S. 114906
Heitzmann, M. *see* Vinet, F. 63491
Heitzmann, M. *see* Vinet, F. 105761
Heiuchi, H. *see* Aimoto, Y. 73442
Heiuchi, H. *see* Yabe, Y. 113980
Heizinger, J. Integrated planning methods in cross compound power systems 121070
Heizinger, J., Dopf, W., Pree, K. District heating plant Linz-Sud–two years on the grid: operation experiences with concern to economical and ecological effects 91323
Heizinger, J., Pree, K. Marked reduction in emissions by accelerated extension of district heating on cogeneration basis in Linz 102481
Hejn, K., Pacut, A. Statistically based autoscaling method for mixed-signal circuits 110075
Hejny, V. *see* Novotny, R. 80047
Hejny, V. *see* Novotny, R. 100842
Hejtmanek, J., Nevriva, M., Pollert, E., Sedmidubsky, D., Vasek, P. Superconductivity and electric transport of Bi$_{2+x}$Sr$_{2-y}$CuO$_{6+\delta}$ single crystals 106657
Hejun, Y. *see* Yuanzhao, Y. 76045
Hekali, P.E. *see* Jarvinen, V.M. 80278
Hekele, M. *see* Kohler, U. 101268
Heki, K. *see* Imae, M. 101522
Heki, K. *see* Iwata, T. 101527
Heki, K. *see* Koyama, Y. 101533
Heki, K. *see* Takaba, H. 101526
Hekkenberg, R.T., Oosterbaan, W.A., Teirlinck, C.J.P.M. Handling IEC1157: complicated output measurements–a challenge 101089
Hekkenberg, R.T. *see* Beissner, K. 89582
Hel, W.van der *see* van der Hel, W.
Hel-Or, Y., Teo, P.C. Canonical decomposition of steerable functions 86458
Hel-Or, Y., Werman, M. Constraint fusion for recognition and localization of articulated objects 98071
Helaly, A. *see* Abushagur, M.A.G. 119145
Helan Huang *see* Huang Helan
Helary, J.-L. *see* Piec, Z. 106721
Helary, J.-M. *see* Baldoni, R. 98471
Helava, H.I. *see* Gassmann, A. 103838
Helbig, R. *see* Litovchenko, V.G. 105191
Helbig, R. *see* Rottner, K. 106981
Helbig, R. *see* Schoner, A. 105229
Helbig, T., Rothermel, K. An architecture for a distributed stream synchronization service 78184
Helbig, T. *see* Rothermel, K. 118595
Helbing, J. *see* Brueck, H.J. 74648
Helbing, J. *see* Bu-Xin Xu 95543
Held, A. *see* Diehl, N. 98778
Held, A. *see* Diehl, N. 118358
Held, B. *see* Soulem, N. 95089
Held, G. The CrossComm internetwork management system 77859
Held, M. *see* Jacob, P. 74734
Held, M. *see* Jacob, P. 115165
Held, M. *see* Wu, W. 96929
Held, M. *see* Wuchen Wu 106026
Held, R. *see* Kneifel, M. 61604
Helder, D., Barker, J.L., Boncyk, W.C., Markham, B.L. Short term calibration of Landsat TM: recent findings and suggested techniques 120722
Helder, D. *see* Boncyk, W.C. 120720
Helder, D.L. *see* Markham, B.L. 120721
Heleine, P. *see* Nazoa, N. 109358
Helene, O., Moralles, M. Comparison of two methods for relocation of multichannel spectra 120241
Helenon, O. *see* Moreau, J.-F. 110647
Helerea, E. *see* Olteanu, I.D. 75078
Helfenstein, M., Franca, J.E., Moschytz, G.S. Design techniques for HDTV switched-current decimators 109917
Helfert, S. *see* Haes, J. 76540
Helfert, S.F., Pregla, R. Finite difference expressions for arbitrarily positioned dielectric steps in waveguide structures 116977
Helfrick, A. A surveillance receiver for evaluating mode A/C/S activity 70347
Helgason, J.T. *see* Thorsteinsson, S. 68755
Helgason, R.V. *see* Dula, J.H. 82495
Helgee, B. *see* Uto, S. 64819
Helgeson, A. *see* Gafvert, U. 69443
Helgeson, M. *see* Dolny, G. 69396
Helgeson, W.D. *see* Loubriel, G.M. 94873
Helhel, S. *see* Vertiy, A.A. 79659
Helimann, D.L. *see* Davis, K.M. 120250
Helin Wei *see* Wei Helin
Heling Yin *see* Yin Heling
Heliot, F. *see* Etrillard, J. 84136
Heliot, F. *see* Launay, P. 106182
Heliot, F. *see* Palmier, J.F. 93786
Heliot, J.-P. *see* Tretyakov, S.A. 85951
Hell, P., Kirkpatrick, D., Li, B. Rounding in symmetric matrices and undirected graphs 103736
Hell, P., Nesetril, J., Zhu, X. Complexity of tree homomorphisms 103620
Hellaker, J., Nordstrom, A. The deployment of RDS/TMC in Sweden 99731
Hellard, D.Le *see* Le Hellard, D.
Hellberg, P.-E. *see* Hudner, J. 113502
Helle, C. *see* Eicher, U. 91325
Helleboid, J.M. *see* Lundin, M. 69805
Hellekes, D., Hettich, R. Continuous laser-Doppler free-flap monitoring via the telephone line. Preliminary experiences 101069
Hellemans, L. *see* Trenkler, T. 84532
Hellendoorn, H. Fuzzy control in telecommunications 98509
Heller, A.J. *see* Quam, L.H. 66869
Heller, D. Advanced reflow soldering applications 114442
Heller, F. *see* Bergmuller, F. 101512
Heller, K. Privatisation of Hungarian telecommunications: lessons and questions 77825
Heller, M. Local number portability: the promises, and the reality 87631
Heller, M. *see* Link, J. 90396
Heller, R., Schmidt, C., Ulbricht, A., Wuchner, F. Stability of a poloidal field coil in rapidly changing magnetic fields 91186
Heller, R. *see* Darweschsad, M. 95517
Heller, R. *see* Maurer, W. 65731
Heller, R. *see* Sihler, C. 106717
Heller, W., Wendel, H.P. Studies on contact activation after heparin application on patients undergoing end-prosthetic hip implantation and hip replacement 80480
Heller, W. *see* Wendel, H.P. 80412
Hellerstein, L. *see* Coullard, C.R. 92476
Hellesath, T. *see* Shanbhag, A.G. 97561
Helleseth, T., Johansson, T. Universal hash functions from exponential sums over finite fields and Galois rings 97493
Helleseth, T., Klove, T. The weight hierarchies of some product codes 66392
Helleseth, T., Kumar, P.V. The algebraic decoding of the Z$_4$-linear Goethals code 66446
Helleseth, T., Kumar, P.V., Moreno, O., Shanbhag, A.G. Improved estimates for the minimum distance of weighted degree Z$_4$ trace codes 66369
Helleseth, T., Kumar, P.V., Moreno, O., Shanbhag, A.G. Improved estimates via exponential sums for the minimum distance of Z$_4$-linear trace codes 76789
Helleseth, T., Kumar, P.V., Shanbhag, A.G. New codes with the same weight distributions as the Goethals codes and the Delsarte-Goethals codes 66360
Helleseth, T., Winjum, E. The generalized Hamming weight of some BCH codes and related codes 66367
Helleseth, T. *see* Yang, K. 97562
Hellestrand, G. *see* Nagalla, R. 93342
Hellinghuizen, R. *see* Keesman, G. 98305
Helliwell, W.S. *see* Piotrowski, C.C. 108551
Hellman, F. *see* Abarra, E.N. 75182
Hellmann, G. *see* Buehler, K. 120936
Hellmann, R., Euteneuer, A., Goebel, E.O., Mackh, G., Yakovlev, D.R., Waag, A., Landwehr, G. Dynamics of exciton magnetic polarons in Cd$_{1-x}$Mn$_x$Te/Cd$_{1-x-y}$Mn$_x$Mg$_y$Te quantum wells 74401
Hellmann, R. *see* Yakovlev, D.R. 62885
Hellmig, J., Klapdor-Kleingrothaus, H.V., Petry, F. Background identification by digital pulse shape analysis 80102
Hellner, L. *see* Dujardin, G. 63342
Hello, P., Man, C.N. Design of a low-loss off-axis beam expander 76090
Hellsing, J. *see* Luomi, J. 91909
Hellsten, H. *see* Ulander, L.M.H. 68560
Hellwarth, R.W. *see* Biaggio, I. 106747
Hellwich, O., Streck, C. Linear structures in SAR coherence data 111312
Hellwig, U. *see* Odoulov, S.G. 65561
Helm, A., Wess, B. Decomposition of signal flow graphs for DSP compilers using trellis trees in restricted environments 97743
Helm, A. *see* Adams, H.W. 112834
Helm, J.D., McNeill, S.R., Sutton, M.A. Improved three-dimensional image correlation for surface displacement measurement 117577
Helm, M. *see* Caspi, S. 96938
Helm, M. *see* Fromherz, T. 74431
Helm, M. *see* Fromherz, T. 116209
Helm, M. *see* Heiss, W. 62960
Helm, M. *see* Hilber, W. 114777
Helm, M. *see* Murdin, B.N. 62856
Helm, N. *see* Bergman, L.A. 88438
Helm, N. *see* Bergman, L.A. 109585
Helm, R. *see* Alexandrof, V.A. 100628
Helm, R. *see* Cai, Y. 79973
Helm, R. *see* Merminga, N. 100770
Helm, R. *see* Tenenbaum, P. 89675
Helm, R. *see* Tenenbaum, P. 89910
Helm, R. *see* Zimmermann, E. 89665
Helm, R. *see* Zimmermann, F. 89664
Helmberg, C., Rendl, F., Vanderbei, R.J., Wolkowicz, H. An interior-point method for semidefinite programming 92544
Helmcke, J. *see* Riehle, F. 68962
Helmcke, J. *see* Riehle, F. 96093
Helmers, L., Schilz, J., Baehr, G. A boundary layer model for macrosegregation of Bridgman grown Ge$_{1-x}$Si$_x$ mixed crystals 113277
Helmers, L., Schilz, J., Baehr, G., Kaysser, W.A. Macrosegregation during Bridgman growth of Ge$_{1-x}$Si$_x$ mixed crystals 62788
Helmfrid, S. *see* Jaskorzynska, B. 107161
Helmholt, K.A. *see* Nijhuis, J.A.G. 66962
Helmis, C.G., Papageorgas, P.G., Tombrou, M., Asimakopoulos, D.N., Petrakis, M. The use of minisodar for wind energy applications over complex terrain 102355
Helmis, C.G. *see* Papadopoulos, K.H. 110457
Helmis, C.G. *see* Whale, J. 111862
Helmolt, C.H.Von *see* Von Helmolt, C.H.
Helmolt, C.von *see* von Helmolt, C.
Helms, C.A. *see* Hager, G.D. 107038
Helms, C.A. *see* Rittenhouse, T.L. 107063
Helms, C.J., Berg, N.H., Barton, D.L., Osinski, M. Life tests of Nichia AlGaN/InGaN/GaN blue-light-emitting diodes 96020
Helms, C.J. *see* Barton, D.L. 96033
Helms, C.J. *see* Osinski, M. 116264
Helms, C.R. *see* Fang, S.J. 62681
Helmsen, J.J. *see* Neureuther, A.R. 74814
Helson, R.B. The HART(R) protocol an enabler for improved plant performance 109075
Helstrup, H. *see* Antinori, F. 120156
Helszajn, J. Synthesis of quarter-wave coupled junction circulators using moderately magnetised disc resonators with commensurate eigennetworks 73661

Helterbrand, J.D. One-pixel-wide closed boundary identification 67088
Helton, D.J. *see* Butker, E.K. 120506
Helton, J.S. *see* Grimes, G.J. 116290
Helvajian, H. *see* Dylla, H.F. 76067
Helvajian, H. *see* Kelley, M.J. 107359
Helvie, M.A. *see* Petrick, N. 120389
Helvie, M.A. *see* Sahiner, B. 120292
Helvie, M.A. *see* Sahiner, B. 120387
Hemachandra Kumar, Ch. *see* Deergha Rao, K. 86283
Hemami, S.S. *see* Ramos, M.G. 86524
Hemami, S.S. *see* Ramos, M.G. 87878
Hemani, A. *see* Oberg, J. 93601
Hemani, A. *see* Svantesson, B. 98407
Hemayed, E. *see* Ahmed, M. 86717
Hembd-Sollner, C., Budzinski, C., Tiziani, H. Binary gratings for CO_2 laser-beam diagnostics 92178
Hemberger, M. *see* Faschingbauer, U. 110557
Hembert, F., Le Moigne, P., Cambronne, J.P. Series association of VSI in high power active filtering 121633
Hembree, G.G. *see* Scheinfein, M.R. 64267
Hemead, E.A. *see* Van Dessel, M. 71233
Hemelsoet, G.H. *see* Autin, B. 89923
Hemenway, B.R., Stevens, M.L., Parikh, S.A., Marquis, D., Swanson, E.A., Kaminow, I.P., Koren, U. Transmission modes, cross talk requirements, and performance of the circuit-switched A-service in the all-optical network 68523
Hemenway, B.R., Jr *see* Kaminow, I.P. 77942
Hemery, J.-Y. *see* Cappi, R. 79927
Hemez, F.M. Updating of dynamically condensed models with error localization 92635
Hemink, G.J., Shimizu, K., Aritome, S., Shirota, R. Trapped hole enhanced stress induced leakage currents in NAND EEPROM tunnel oxides 93392
Hemker, D.J. *see* Gibson, G.W., Jr. 114918
Hemmady, S. *see* Hutching, R.C. 82864
Hemmati, F. *see* Miller, S.P. 98799
Hemment, P.L.F. *see* Chenglu Lin 84022
Hemment, P.L.F. *see* Cristiano, F. 92756
Hemment, P.L.F. *see* Dian-Tong Lu 94217
Hemment, P.L.F. *see* Frangis, N. 94711
Hemment, P.L.F. *see* Hatzopoulos, N. 114876
Hemment, P.L.F. *see* Nejim, A. 94928
Hemment, P.L.F. *see* Siapkas, D.I. 114902
Hemment, P.L.F. *see* Zhiping He 114866
Hemmer, M.F. *see* Trbojevic, D. 89911
Hemmer, P.R., Bigelow, N.P., Katz, D.P., Shahriar, M.S., DeSalvo, L., Bonifacio, R. Self-organization, broken symmetry, and lasing in an atomic vapor: the interdependence of gratings and gain 107041
Hemmerich, A. *see* Zimmermann, C. 96210
Hemmerich, J.L., Milverton, P. The JET hydrogen-oxygen recombination sensor–a safety device for hydrogen isotope processing systems 110250
Hemmes, K. *see* Prins-Jansen, J.A. 71689
Hemmi, M. *see* Nakagawa, T. 100786
Hemminger, T.L., Pomalaza-Raez, C.A. Determining the minimum number of transmissions in multicast packet radio networks 109345
Hemminger, T.L., Pomalaza-Raez, C.A. Determination of dependent and independent communication paths using neural networks 118807
Hemmleb, M. *see* Schubert, M. 119865
Hemp, J. *see* Krafft, R. 69043
Hempel, K.A. *see* Suerig, C. 106540
Hempel, K.A. *see* Surig, C. 115585
Hempel, K.A. *see* Zimmermann, G. 106491
Hempel, K.A. *see* Zimmermann, G. 106539
Hempel, T. *see* Schoenfeld, O. 63047
Hempelmann, U. *see* Neumann, G. 75569
Hemphill, H., Wallertz, B. Critical core parameters in the design of common mode suppression chokes 73833
Hemple, S.J. *see* Piotrowski, C.C. 108551
Hempstead, M. *see* Gnewuch, H. 95733
Hempstead, R. *see* Cain, W. 115667
Hempstead, R. *see* Payne, A. 115657
Hempstock, M.S., Sullivan, J.L. A study of the mechanical and magnetic performance of metal evaporated tape 106546
Hempstock, M.S., Sullivan, J.L. The durability and signal performance of metal evaporated and metal particle tape 115744
Hemsworth, R.S. *see* Pamela, J. 69697
Hen Hu Yu *see* Yu Hen Hu
Hen Suh Park *see* Chun Gyoo Lee 73982
Henao, H., Capolino, G.A., Martinez-Velasco, J.A. A new structure of fuzzy-hysteresis current controller for vector-controlled induction machine drives 121938
Henao, H. *see* Bassily, E. 111912
Henao, R. *see* Rabal, H. 65576
Henao, R. *see* Torroba, R. 85752
Hendaoui, H.El *see* El Hendaoui, H.
Henderson, A. *see* Adler, A. 67909
Henderson, A. *see* Dourish, P. 118534
Henderson, B. Thinking out of the box [frame relay access devices] 68005
Henderson, B.G., Borel, C.C., Theiler, J., Smith, B.W. Image quality degradation and retrieval errors introduced by registration and interpolation of multispectral digital images 108556
Henderson, C.L., Tsiartas, P.C., Simpson, L.L., Clayton, K.D., Pancholi, S., Pawloski, A.R., Willson, C.G. Factors affecting the dissolution rate of novolac resins. II. Developer composition effects 105798
Henderson, C.L. *see* Anderson, E. 95136
Henderson, C.L. *see* Anderson, R.E. 74794
Henderson, D. An advanced electronic load governor for control of micro hydroelectric generation 111829
Henderson, D. *see* Smith, A.J.A. 104402
Henderson, D.B., Ferrill, D.A., Clarke, K.C. Mapping geological faults using image processing techniques applied to hill-shaded digital elevation models 80608
Henderson, D.O., Tung, Y.S., Mu, R., Ueda, A., Collins, W.E., Burger, A., Chen, K.T., Frazier, D.O. Atomic force microscopy of mercury iodide crystal growth from porous media at room temperature 61145
Henderson, D.O. *see* Mu, R. 84105
Henderson, D.O. *see* Tung, Y.S. 63375
Henderson, D.P., Jr. *see* Haskins, P.S. 90152
Henderson, D.P., Jr. *see* Haskins, P.S. 101036
Henderson, D.P., Jr. *see* McKisson, J.E. 101041
Henderson, D.P., Jr. *see* McKisson, J.E. 101042
Henderson, D.S. Variable speed electric drives–characteristics and applications 91786
Henderson, G.N., Wu, D.-W. Noise characteristics of GaAs HBT's 94915
Henderson, H.Thurman *see* Thurman Henderson, H.
Henderson, I.A. *see* McGhee, J. 93599
Henderson, J. *see* Bao, X.J. 101014
Henderson, L., Patching, W., Putt, I. Interactive multimedia, concept mapping, and cultural context 118610
Henderson, P. *see* Chan, C.L. 108548
Henderson, R. A review of laser safety 96850
Henderson, R. *see* Nys, O. 93508
Henderson, R.A. *see* Smith, G.R. 120229
Henderson, R.C.W. *see* Burke, S. 69776
Henderson, R.H., Towe, E. X-valley related luminescence from AlAs/(Al,Ga)As quantum well structures grown on (112)B GaAs substrates 83961
Henderson, R.K., Nys, O.J.A.P. Dynamic element matching techniques with arbitrary noise shaping function 104645
Henderson, R.K. *see* Nys, O.J.A.P. 104643
Henderson, R.M. *see* Drayton, R.F. 92251
Henderson, S. *see* Padamsee, H. 100471
Henderson, S.W. *see* Frehlich, R. 80642
Henderson, T., Li, N., Osborn, J., Tanabe, J., Yee, D., Yourd, R., Du, W., Jiang, Y., Sun, Y. Design of the PEP-II low-energy ring arc magnets 89790
Henderson, T.C., Bruderlin, B., Dekhil, M., Schenkat, L., Veigel, L. Sonar sensing strategies 79023
Henderson, T.R. Bandwidth on demand for the INTELSAT network 99444
Henderson, W. *see* Coleman, J.L. 103559
Henderson, W. *see* Coutts, R. 98528
Hendessi, F., Sheikh, A.U.H., Hafez, R.H.M. Capacity improvement of microcellular systems using signal cyclic spectral properties 99208
Hendley, G.D. *see* Taylor, W.L. 121171
Hendorfer, G. *see* Widmer, T. 61186
Hendrich, C. *see* Wittmann, E. 111586
Hendrich, N. A scalable architecture for binary couplings attractor neural networks 62127
Hendrich, T. *see* Fose, M. 102894
Hendrick, W.L. *see* Chi Fan 85199
Hendricks, D.W. *see* Greenwood, J.G. 99313
Hendricks, J.R. A position paper for a central procurement organization for the nuclear power industry 102374
Hendricks, K.J., Coleman, P.D., Haworth, M.D., Carlesten, B.E., Haynes, W.B., Lemke, R.W., Spencer, T.A., Arman, M.J., Bowers, L. Recent work on an improved vacuum diode for an annular beam amplifier and initial results of rf extraction 62592
Hendricks, K.J. *see* Luginsland, J.W. 105018
Hendricks, K.J. *see* Spencer, T.A. 62633
Hendricks, K.J. *see* Spencer, T.A. 105062
Hendrickson, C. *see* Horvath, A. 72384
Hendrickson, C.T. *see* Cobas-Flores, E. 81731
Hendrickson, L., Adolphsen, C., Allison, S., Gromme, T., Grossberg, P., Himel, T., Krauter, K., MacKenzie, R., Minty, M., Sass, R., Shoaee, H., Woodley, M. Fast feedback for linear colliders 100556
Hendrickson, L.J. *see* Adolphsen, C. 89648
Hendrickson, L.J. *see* Minty, M.G. 89653
Hendrickson, S., Cary, J.R. Adiabatic beam buncher for plasma accelerators 79847
Hendriks, H.T. *see* Hoke, W.E. 84484
Hendriks, M. *see* van de Roer, T. 84500
Hendriks, P. *see* Clarke, B. 117128
Hendriks, R.F.M., van Exter, M.P., Woerdman, J.P., van der Poel, C.J. Phase coupling of two optically pumped vertical-cavity surface-emitting lasers 96596
Hendriks, R.F.M. *see* van Exter, M.P. 96337
Hendriksen, M., Hodgkinson, S., Taylor, N., Trussell, R. An innovative solution for the interconnection of future component packaging 103428
Hendriksen, P.V., Carter, J.D., Mogensen, M. Dimensional instability of doped lanthanum chromites in an oxygen pressure gradient 81842
Hendriksen, P.V. *see* Linderoth, S. 121865
Hendrix, G.J. *see* Light, G.M. 120925
Heneage, J.E., Ashley, J.R. An EMF mitigation technology for power transmission lines 70945
Heneage, J.F. *see* Ashley, J.R. 102198
Henebry, G.M., Knapp, A.K. Spatio-temporal dynamics of soil moisture in tallgrass prairie using ERS-1 SAR image time series: first year results 120817
Henebry, G.M., Kux, H.J.H. Spatio-temporal land cover dynamics in the Pantanal assessed using lacunarity analysis on an ERS-1 SAR image time series 120666
Henebry, G.M., Rieck, D.R. Applying principal components analysis to image time series: effects on scene segmentation and spatial structure 111119
Henebry, G.M. *see* Goodin, D.G. 120671
Henegar, M.M. *see* Dowling, J.L. 101221
Heneghan, C., Lowen, S.B., Teich, M.C. Two-dimensional fractional Brownian motion: wavelet analysis and synthesis 77443
Henein, G. *see* Gates, J.V. 72294
Henein, G.E. *see* Vakhshoori, D. 65340
Henes, Z.D. Test strategies for PC Card assemblies 94092
Henesian, M.A. *see* Pennington, D.M. 85424
Henestroza, E., Heifets, S., Zolotorev, M. Trapped modes in the PEP-II B-factory interaction region 89954
Henestroza, E., Yu, S.S., Eylon, S., Grote, D.P. Beam dynamics studies of the Heavy Ion Fusion Accelerator injector 89707
Henestroza, E., Yu, S.S., Li, H. Design of inductively detuned RF extraction cavities for the Relativistic Klystron Two Beam Accelerator 89674
Henestroza, E. *see* Celata, C.M. 90010
Henestroza, E. *see* Eylon, S. 89602
Henestroza, E. *see* Eylon, S. 90078
Henestroza, E. *see* Giordanot, G. 89673
Henestroza, E. *see* Heifets, S. 89624
Henestroza, E. *see* Houck, T. 110481
Henestroza, E. *see* Westenskow, G. 83757
Henestroza, E. *see* Yu, S. 89736
Henfridsson, O. *see* Forsgren, O. 92144
Heng, J.M.C. *see* Lau, W.S. 74491
Heng, K.W. *see* Ang, G.L. 72301
Heng Chen *see* Chen Heng
Heng Kek Choo *see* Jianjian Song 93024
Heng Xiao *see* Pan-Tai Liu 86241
Heng-Chia Chang, York, R.A. Enhanced MESFET VCO injection-locking bandwidth using low frequency feedback techniques 93801
Heng-Da Cheng *see* Changyi Sun 111279
Heng-Da Cheng *see* Yui Man Lui 117744
Heng-Hui Sun *see* Jian-Hong Zhu 94551
Heng-Ju Cheng *see* Jiunn-Ren Hwang 64992
Heng-Kun Xei *see* Lin Zhang 61452
Heng-Shou Hsu *see* Chung-Yu Wu 62013
Hengchun Mao, Boroyevich, D., Lee, F.C. Multi-level 2-quadrant boost choppers for superconducting magnetic energy storage 71465
Hengchun Mao, Boroyevich, D., Ravindra, A., Lee, F.C. Analysis and design of high frequency three-phase boost rectifiers 71447
Hengchun Mao, Lee, F.C., Xunwei Zhou, Heping Dai Novel soft switched three-phase voltage source converters with reduced auxiliary switch stresses 121608
Hengehold, R. *see* Andry, P.S. 82642
Hengel, K., Voigt, G. Intelligent handling of information; quality information systems help highlight improvement potential in the manufacturing process 60672
Hengkun Xie *see* Kai Wu 64042
Hengkun Xie *see* Xinyan Wu 64104
Hengkun Xie *see* Ziyu Zhao 70954
Hengkun Xie *see* Zongren Peng 64051
Hengkun Xie *see* Xie Hengkun
Hengmith, M. *see* Brauninger, H. 90702
Hengxin Qu *see* Fang Ming 80827
Heniche, M. *see* Attari, M. 69549
Heniche, M. *see* Attari, M. 110142
Henini, M. Molecular beam epitaxy from research to mass production. Part 1 92758
Henini, M. Molecular beam epitaxy from research to mass-production. II 103840
Henini, M. A new breed of diode lasers: surface emitting lasers 107258
Henini, M. *see* Buhmann, H. 63550
Henini, M. *see* Carmona, H.A. 62820
Henini, M. *see* Carmona, H.A. 105259
Henini, M. *see* Cole, B.E. 105186
Henini, M. *see* Geim, A.K. 63812
Henini, M. *see* Hayden, R.K. 114745
Henini, M. *see* Ihn, T. 105331
Henini, M. *see* Kent, A.J. 94485
Henini, M. *see* McDonnell, P. 63823
Henini, M. *see* Naylor, A.J. 105417
Henini, M. *see* Nogaret, A. 63033
Henini, M. *see* Nogaret, A. 105416
Henini, M. *see* Ouali, F.F. 84297
Henini, M. *see* Ouali, F.F. 105253
Henini, M. *see* van de Roer, T. 84500
Henini, M. *see* Wang, J. 63549
Henini, M. *see* Wang, J. 63553
Henins, A. *see* Chantler, C.T. 90453
Henins, A. *see* Hudson, L.T. 120388
Henins, I. *see* Wood, B.P. 61393
Henis, Z. *see* Baer, A. 75804
Henis, Z. *see* Moshe, E. 110383
Henk, T. *see* Molnar, S. 87863

Henke, D., Tyrroff, H., Wirth, H., Zschornack, G. Output maximization of a 7.25 GHz ECR ion source 120088
Henke, H. Planar structures for electron acceleration 100668
Henke, H. *see* Chao, A.W. 89872
Henke, H. *see* Littmann, B. 102828
Henke, S., Philipp, M., Rauschenbach, B., Stritzker, B. Formation of epitaxial β-SiC by C_{60}-carbonization of silicon 113365
Henke, W. *see* Lorenz, J. 74817
Henkel, D.P. *see* Dylla, H.F. 76067
Henkel, D.P. *see* Kelley, M.J. 107359
Henkel, T., Heera, V., Kogler, R., Skorupa, W., Seibt, M. The temperature dependence of the ion beam induced interfacial amorphization in silicon 74532
Henkel, W., Chung, H.Y. Coded 64-CAP ADSL in an impulse-noise environment—simulation results 78245
Henkel, W., Kessler, T., Chung, H.Y. A wide-band impulse-noise survey on subscriber lines and inter-office trunks – Modeling and simulation 87976
Henkelman, M. *see* Madore, B. 90382
Henking, R., Ristau, D., von Alvensleben, F. Ion-beam-sputtering: a deposition process for laser components of the future 61384
Henking, R. *see* Eva, E. 107471
Henking, R. *see* Eva, E. 116187
Henkun Xie *see* Hui Ma 64102
Henle, B. *see* Strahle, S. 104832
Henley, F. *see* Liu, Y.-M. 100215
Henley, F.J., Knuth, T., Mul, R. FPD test, inspection, and repair technologies: state of the art and future directions 89425
Henley, W. *see* Jastrzebski, L. 112347
Henley, W. *see* Ostapenko, S. 84019
Henley, W.B. Surface photovoltage analysis of iron contamination in silicon processing and the relation to gate oxide integrity 84115
Henline, P.A. *see* VanderLaan, J.F. 110036
Henmi, N. *see* Suemura, Y. 75643
Henmi, N. *see* Suemura, Y. 78890
Henmi, R. *see* Yokomizu, Y. 64069
Henmi, Y., Fukutani, J., Ishimoto, K., Watanabe, Y., Mori, H. Micro tuner system unit for multimedia personal computers 119387
Henn, K.G. Outsourcing conformal coating requirements 73874
Henn, R. *see* Humlicek, J. 114640
Henne, P. *see* Ustinov, A.V. 115949
Henneberger, F., Puls, J., Haupl, T., Kreller, F., Lowisch, M., Nickolaus, H., Schulzgen, A., Wunsche, H.-J., Griesche, J., Hoffmann, N., Rabe, M. Excitons, bi-excitons, and stimulated emission in wide-gap II-VI quantum wells 94523
Henneberger, F. *see* Babucke, H. 75581
Henneberger, F. *see* Jungnickel, V. 62882
Henneberger, F. *see* Kreller, F. 116537
Henneberger, F. *see* Nickolaus, H. 74376
Henneberger, F. *see* Puls, J. 74377
Henneberger, F. *see* Rossin, V.V. 74402
Henneberger, F. *see* Rossin, V.V. 114718
Henneberger, G. Brushless motors for electric and hybrid vehicles 91871
Henneberger, G. *see* Albertz, D. 71844
Henneberger, G. *see* Albertz, D. 112551
Henneberger, G. *see* Dappen, S. 71912
Henneberger, G. *see* Dappen, S. 103164
Henneberger, G. *see* Kuppers, S. 103126
Henneberger, G. *see* Mai, W. 96943
Henneberger, G. *see* Ramesohl, I. 71288
Henneberger, K. *see* Diessel, A. 75957
Henneberger, K. *see* Pereira, M.F., Jr. 85492
Henneberger, K. *see* Pereira, M.F., Jr. 96342
Henneberger, S. *see* Mertens, R. 65737
Henneberger, S. *see* Van Dessel, M. 91583
Hennebert, C., Rebuffel, V., Bouthemy, P. Spatio-temporal structuration of a textured scene based on motion and depth criteria 87038
Henneke, K. *see* Briles, S. 101551
Hennel, A.M. *see* Mac, W. 62719
Hennel, F. *see* Loenneker, T. 90380
Hennemann, O.-D. *see* Schafer, H. 119801
Hennessey, M.P., Donath, M. Interaction dynamics between an electric vehicle's 'pantograph' and the road 103119
Hennessey, M.P., Shankwitz, C., Donath, M. Sensor based "virtual bumpers" for collision avoidance: configuration issues 69495
Hennessy, W. *see* Ramungul, N. 105887
Hennessy, W. *see* Ramungul, N. 105921
Hennessy, W.A. *see* Liu, Y.S. 116287
Henney, A. Motivating staff in times of change 60517
Hennig, D. *see* Burgard, W. 119875
Hennig, J. *see* Loenneker, T. 90380
Hennig, J. *see* Panych, L.P. 70012
Hennig, J. *see* Scheffler, K. 70013
Hennig, R. *see* Hopmeier, M. 75699
Henniger, O. *see* Bechtold, R. 118110
Henning, A.K. Effects of doping on the dynamic mechanical response of semiconductor cantilevers to electrostatic forces 74973
Henning, A.K. *see* Monberg, J. 79574
Henning, A.K. *see* Tsai, C.-L. 74876
Henning, B., Lofgren, R., Sjostrom, L. Chamber for indirect calorimetry with improved transient response 90284
Henning, I.D. *see* Barnes, J.W.R. 78027
Henning, I.D. *see* Mirshekar-Syahkal, D. 76600
Henning, M.A. *see* Dunbar, J. 72446
Henning, R.E., Park, S.K., Szklarz, G.M. Ka-band site diversity research in a subtropical region utilizing the ACTS satellite 107888
Henning, R.E., Stanton, J.R. Effects of dew on millimeter-wave propagation 107891
Henning, T., Unnebrink, L., Scholl, M. UV laser beam shaping by multifaceted beam integrators: Fundamental principles and advanced design concepts 107639
Henningsen, C.G., Polster, K., Fruth, B.A., Gross, D.W. Experience with an on-line monitoring system for 400 kV XLPE cables 121167
Henningsen, T. *see* Singh, N.B. 82580
Hennion, C. *see* Gerstenmayer, J.-L. 80139
Henoch, C.W. *see* Meng, J.C.S. 91880
Henretta, K.J. *see* Rawsky, G.C. 112291
Henri, C.J., Peters, T.M. Three-dimensional reconstruction of vascular trees: experimental evaluation 80213
Henrich, E. *see* Cribier, M. 110538
Henricks, P.J. *see* Meng, J.C.S. 91880
Henricsson, O., Stricker, M. Exploiting photometric and chromatic attributes in a perceptual organization framework 87065
Henricsson, O. *see* Bignone, F. 67227
Henriet, A. *see* Baudez, G. 98904
Henriet, D., Moulin, H. Traffic-based cost allocation in a network 77803
Henriksen, H. *see* Hasvold, O. 112180
Henriksen, J.F., Rode, A. The corrosivity of different metals in controlled polluted atmospheres 61490
Henriksen, R.N. *see* Lepine, S. 98263
Henriksen, T. Calculation of lightning overvoltages using EMTP 111443
Henriksen, T. *see* Raad, R.O. 112458
Henriksson, A., Thesken, J.C. Acoustic emission and residual strength in fatigue loaded notched carbon/epoxy composites 113607
Henriksson, A. *see* Thesken, J.C. 113616
Henriksveen, M. *see* Tokerud, B. 97914
Henrion, W. *see* Koynov, S. 92887
Henrion, W. *see* Tomm, Y. 74314
Henriques, A.B. Quantum and transport mobilities in δ-doped semiconductors 83782
Henriques, M.A.A. *see* Kinoshita, Y. 68207
Henriquez, C. *see* Pendekanti, R. 120481
Henrotte, F., Meys, B., Genon, A., Legros, W. An object-oriented decomposition of the FE procedure 61124
Henrotte, F. *see* Dular, P. 104906
Henrotte, F. *see* Dular, P. 107754
Henrotte, F. *see* Hedia, H. 116825
Henrotte, F. *see* Remacle, J.-F. 96935
Henry, A., Bergman, J.P., Kordina, O., Hallin, C., Ivanov, I.G., Janzen, E. The temperature dependence of the band-edge luminescence from high quality 6H- and 4H-SiC 105225
Henry, A., Margottin-Maclou, M., Valentin, A. Two studies using a tunable diode laser with frequency controlled by a stepping Michelson interferometer 96267
Henry, A. *see* Buyanova, I.A. 62959
Henry, A. *see* Ivanov, I.G. 114865
Henry, A. *see* Konstantinov, A. 64911
Henry, A. *see* Kordina, O. 103913
Henry, A. *see* Tuominen, M. 103819
Henry, C. *see* Herve, D. 70544
Henry, C.H. *see* Kohnke, G.E. 88561
Henry, C.H. *see* Kohnke, G.E. 95939
Henry, C.H. *see* Li, Y.P. 78691
Henry, D.A. *see* Simonetti, O.P. 80362
Henry, J., Kori, M.H. DECT based rural radio local loop for developing countries 99252
Henry, J., Livingstone, J. Improved double layer ITO/InP solar cells using annealing techniques 112415
Henry, J.P., Carrara, B., Moruzzis, M., Fuentes, M., Tonnerre, L. Application of high resolution spectral analysis to analysis, simulation and processing of radar echoes 68659
Henry, J.P. *see* Le Hellard, D. 68691
Henry, J.P. *see* Moruzzis, M. 70593
Henry, L.J., McGrath, B.V., Alley, T.G., Kester, J.J. Optical nonlinearity in fused silica by proton implantation 65487
Henry, M. Library OPAC vendors and the Web: Innopac, Ameritech, DRA 78033
Henry, M. *see* Favre, F. 78647
Henry, M.O. *see* Daly, S.E. 74123
Henry, M.P. A SEVA sensor – the Coriolis mass flow meter 110435
Henry, R., Luxmoore, A.R. A pipe-profiling adapter for CCTV inspection cameras: development of a pipe-profiling instrument 69249
Henry, R.A., Flann, N.S., Watson, D.W. A massively parallel SIMD algorithm for combinatorial optimization 92568
Henry, R.E. *see* Hammersley, R.J. 121306
Henry, R.L. *see* King, S.E. 80063
Henry, R.L. *see* King, S.E. 101017
Henry, R.L. *see* McGregor, D.S. 80153
Henry, R.L. *see* McGregor, D.S. 92663
Henry, S. *see* Undrill, P. 80324
Henry, T.A. *see* Stack, K.A.J. 82146
Henry, Y. *see* Farle, M. 64389
Henschel, H., Baumann, E. Effect of natural radioactivity on optical fibers of undersea cables 68471
Henschel, H., Kohn, O., Lischka, H., Schmidt, H.U., Kuyt, G., Emmerich, M., Hammerle, W., Hein, H. Effect of radiation on the bandwidth of graded index fibres 75506
Henschel, H., Kohn, O., Lischka, H., Schmidt, H.U., Kuyt, G., Emmerich, M., Hammerle, W., Hein, H. Effect of radiation on the bandwidth of graded index fibres 106816
Henschel, H., Kohn, O., Schmidt, H.U. Radiation hardening of optical fibre links by photobleaching with light of shorter wavelength 75507
Henschel, H., Kohn, O., Schmidt, H.U. Radiation hardening of optical fibre links by photobleaching with light of shorter wavelength 106814
Henschel, H. *see* Liscka, H. 107017
Henschel, M. *see* Ermel, M. 111439
Hensel, F. *see* Baranovskii, S.D. 94385
Hensel, H.-J. *see* Kuhmann, J.F. 112907
Hensen, A. *see* Geib, R. 67535
Hensen, A. *see* Geib, R. 67924
Hensen, M. *see* Wilkie, D. 61915
Hensley, D. A polynomial time algorithm for the Hausdorff dimension of continued fraction Cantor sets 72489
Hensley, S. *see* Gelautz, M. 111099
Hensley, S. *see* Haddad, Z.S. 80655
Hensley, W. *see* Burkhart, G.R. 120900
Henson, G.D. *see* Crow, J.D. 119221
Henson, J.M. *see* Stuopis, P.A. 120676
Henson, P.W. *see* Fox, R.A. 90556
Henstock, P.V., Chelberg, D.M. Automatic gradient threshold determination for edge detection 67089
Hentea, T.I. Case studies in developing and teaching continuing education courses at a university 60488
Hentges, M. *see* Burgett, W. 79856
Hentges, M. *see* Datksov, V.I. 100427
Henton, C., Edelman, B. Generating and manipulating emotional synthetic speech on a personal computer 117278
Hentschel, C. High quality noise insensitive motion detector using one field memory 108422
Hentschel, D. *see* Altmann, S. 60459
Hentschel, R.M., Piper, J.A. Optical characteristics of a rectangular bore discharge-excited Sr+ recombination laser 65026
Hentschel, W., Schindler, K.-P. Flow, spray and combustion analysis by laser techniques in the combustion chamber of a direct-injection diesel engine 89562
Hentschke, S. Person-adaptive autostereoscopic monitor (PAAS)–an option for the televiewer? 88826
Hentschke, S. *see* Herrfeld, A. 61815
Henwood, D.J. *see* Fryer, P.A. 68933
Henze, C.P. *see* Chaar, L. 112128
Henze, M. The Integral Motor–a new variable-speed motor drive 81926
Henzen, A. *see* Tan, G.H. 119350
Henzing, H.F. *see* Boyhan, J.W. 88446
Henzinger, M., Williamson, D.P. On the number of small cuts in a graph 92484
Heo, E.G. *see* Choi, J.S. 96079
Heo, E.G. *see* Choi, J.S. 96082
Heo, E.G. *see* Choi, J.S. 96546
Heo, Y.W. *see* Freyman, B. 92241
Heo Yeon-Cheol *see* Yeon-Cheol Heo
Heok Kim Jin *see* Jin Heok Kim
Heon Jeong Young *see* Young Heon Jeong
Heon Oh Chang *see* Chang Heon Oh
Heon Shin Dong *see* Dong Heon Shin
Heon-Hoi Koo *see* Eun-Soo Kim 71440
Heonchul Park, Jong-Tae Lee High performance multi-standard image compression coprocessor for multimedia applications 93494
Hepburn, D.M., Kemp, I.J., Richardson, R.T. Degradation processes in filled resin insulation under partial discharge stressing 84707
Hepburn, I.D. *see* Holland, W.S. 79101
Hepfer, K. *see* Headley, R. 69268
Hepfer, K.C. *see* Austin, D.E. 70579
Heping Dai *see* Hengchun Mao 121608
Heping Xu *see* Xu Heping
Heping Yao *see* Yao Heping
Hepko, I.A. Correlation properties and statistical characteristics of periodic complementary sequences 66777
Hepler, E. *see* Duh, J. 113863
Hepp, R.G. *see* Houck, S.W. 90685
Heppelmann, S. *see* Wu, J. 110619
Heqin Zhou *see* Zhou Heqin
Heragu, K., Patel, J.H., Agrawal, V.D. Improving accuracy in path delay fault coverage estimation 93348
Heragu, K., Patel, J.H., Agrawal, V.D. Segment delay faults: a new fault model 104468
Heras, J. *see* Pardo, J.M. 90286
Herb, W.R. *see* Burns, D.W. 84634
Herb, W.R. *see* Zook, J.D. 89117
Herbelin, H. *see* Danos, V. 103572
Herben, M.H.A.J. *see* Govaerts, H.J.F.G. 76431
Herber, R. *see* Spoleder, F. 98921
Herberholz, A.R. *see* Walter, T. 114706
Herberholz, P. *see* Lutsch, W. 81189
Herberholz, R. *see* Walter, T. 92941
Herbert, D.C., Williams, C.J., Jaros, M. Impact ionisation and noise in SiGe multiquantum well structures 94903
Herbert, D.C. *see* Briggs, P.J. 73742
Herbert, D.C. *see* Plimmer, S.A. 63545

Herbert, D.C. *see* Plimmer, S.A. 74689
Herbert, F. *see* Dorn, L. 114435
Herbert, J. *see* Larsen, V. 98689
Herbert, J.D., Reid, R.J. A study of cleaning agents for stainless steel for ultra high vacuum use. Part 2. ESD results 100410
Herbert, M. *see* Dehner, G. 69944
Herbert, M.S., Curley, A.J., Perryman, R. Computer based simulation of a vector controlled AC drive system for performance analysis and condition monitoring 112433
Herbert, P.A.F. *see* Islam, M.S. 63096
Herbert, P.A.F. *see* McNally, P.J. 74678
Herbert, P.A.F. *see* McNally, P.J. 74766
Herberts, M.R., Fichtner, P.F.P., Behar, M. Range parameters study of medium-heavy ions implanted into GaAs 84092
Herbin, M., Bonnet, N., Vautrot, P. A clustering method based on the estimation of the probability density function and on the skeleton by influence zones. Application to image processing 117734
Herbin, S. Recognizing 3D objects by generating random actions 86368
Herbots, N. *see* Atluri, V. 63352
Herbots, N. *see* Xiang, J. 94788
Herbst, H., Schmitt-Landsiedel, D., Schobinger, M. From roadmaps to reality: the challenges of designing tomorrow's chips 115302
Herbst, W. *see* Diehl, F. 94242
Herceg, E.E. An LVDT primer 110086
Herchenroder, G. *see* Vobian, J. 64707
Herchenroeder, J.W. *see* Horton, J.A. 115506
Hercog, D. Timeout recovery strategies in datalink layer protocols at high bit error rates 118063
Hercules, J. Terminal boxes with insertion strips: advanced planning of the quality and validation of the design 88018
Herczfeld, P. *see* de Barros, L.E.M., Jr. 94935
Herczfeld, P. *see* DeBarros, L.E.M., Jr. 96003
Herczfeld, P. *see* Paolella, A. 83394
Herczfeld, P.R. *see* Borges, B.V. 99594
Herczfeld, P.R. *see* Camargo Silva, M.T. 99595
Herczfeld, P.R. *see* Contarino, V.M. 99669
Herczfeld, P.R. *see* de Barros, L.E.M., Jr. 73764
Herczfeld, P.R. *see* de Barros, L.E.M., Jr. 93799
Herczfeld, P.R. *see* Jemison, W.D. 85170
Herczfeld, P.R. *see* Mullen, L. 79009
Herczfeld, P.R. *see* Mullen, L. 79013
Herczfeld, P.R. *see* Mullen, L. 99640
Herczfeld, P.R. *see* Romero, M.A. 93833
Herczfeld, P.R. *see* Vieira, A.J.C. 64808
Herczfeld, P.R. *see* Vieira, A.J.C. 99659
Herczfeld, P.R. *see* Yost, T.A. 73766
Herczfeld, P.R. *see* Yost, T.A. 93923
Herczfeld, S.H. *see* Zubrzycki, W.J. 65001
Herd, J.S., Poles, L.D., Kenney, J.P., Derov, J.S., Champion, M.H., Silva, J.H., Davidovitz, M., Herd, K.G., Bocchi, W.J., Mittleman, S.D., Hayes, D.T. Twenty-GHz broadband microstrip array with electromagnetically coupled high T_c superconducting feed network 97357
Herd, K.G. *see* Herd, J.S. 97357
Herder, J.W.den *see* den Herder, J.W.
Herdman, T.L. *see* Broadwater, R.P. 91150
Heredia, E.A., Arce, G.R. Piecewise linear system modeling based on a continuous threshold decomposition 76975
Heredia, E.A., Arce, G.R. Piecewise polynomial kernel networks 108101
Heredia, F.J. *see* Chiva, A. 102017
Hereford, J. *see* Peng, H. 75661
Heremans, G. *see* Van Bockstal, L. 96980
Heremans, J., Fuller, B.K., Thrush, C.M., Bayot, V. Temperature dependence of the magnetoresistance of In$_x$Ga$_{1-x}$As antidot lattices 94553
Heremans, P. *see* Kirk, A.G. 85282
Heremans, P. *see* Premont, G. 108492
Heremans, P. *see* Thienpont, H. 85190
Herfet, T., Stottelder, U., Wendland, B. Merging television & video services by compatible progressive image representation 68867
Herfet, T. *see* Rick, A. 109276
Herfort, J., Takagaki, Y., Hey, R., Friedland, K.-J., Ploog, K., Maude, D.K., Portal, J.C., Takahara, J., Gamo, K. Transport properties of composite fermions in narrow cross junctions 105250
Hergenroder, H., Meyer, D., Simeth, J. Reorganisation and modernisation of the Reisach and Tanzmuhle pumped-storage power stations 121399
Herik, H.J.van den *see* van den Herik, H.J.
Herin, J. *see* Annis, P. 80121
Hering, K., Haupt, R., Villmann, T. Hierarchical strategy of model partitioning for VLSI-design using an improved mixture of experts approach 73041
Herino, R. *see* Hory, M.A. 94271
Herique, A., Kofman, W. Rebuilt by migration of undersampled 2D signals 101500
Heritage, J.E. CVD simulation 82720
Heritage, J.P. *see* Chu, K.C. 100369
Heritage, J.P. *see* Dienes, A. 65411
Heritage, J.P. *see* Fochs, S.N. 65147
Heritage, J.P. *see* Le Sage, G.P. 65381
Heritage, J.P. *see* Le Sage, G.P. 107031
Heritage, J.P. *see* Le Sage, G.P. 116571
Heritage, J.P. *see* Sullivan, A. 110413
Herk, A. *see* Mojzes, I. 92312
Herk, M.B.Van *see* Van Herk, M.B.
Herk, M.Van *see* Van Herk, M.
Herke, R. *see* Vithana, H. 69399
Herko, S.P. *see* Petruzzello, J. 75945
Herla, Q.P., Feldman, M.J. Error rate of a superconducting circuit 95455
Herla, S. Sound archive storage through integrated digital archives 88876
Herlach, D.M. *see* Li, D. 61137
Herlach, D.M. *see* Li, D. 82574
Herlach, D.M. *see* Li, D. 103806
Herlach, F., Li, L., Harrison, N., Van Bockstal, L., Louis, J.-M., Frings, P., Franse, J., Van Cleemput, M., Jones, H., Dupouy, F., Askenazy, S. Approaching 100 T with wire wound coils 96978
Herlach, F., von Ortenberg, M. Pulsed magnets for strong and ultrastrong fields 96967
Herlach, F. *see* Askenazy, S. 65721
Herlach, F. *see* Bogaerts, R. 83889
Herlach, F. *see* De Keyser, A. 62742
Herlach, F. *see* Li, L. 96979
Herlach, F. *see* Li, L. 96994
Herlach, F. *see* Van Bockstal, L. 96980
Herlach, F. *see* Van Bockstal, L. 96981
Herle, J.Van *see* Van Herle, J.
Herley, C. *see* Ping Wah Wong 86226
Herlin, I. *see* Cohen, I. 67285
Herlin, I.L., Cohen, I., Bouzidi, S. Image processing for sequences of oceanographic images 101566
Herluison, J.C. *see* Berrebi, E. 87000
Herman, G.T., Zhao, E. Jordan surfaces in simply connected digital spaces 67072
Herman, I.P., Donnelly, V.M., Cheng, C.-C., Guinn, K.V. Surface analysis during plasma etching by laser-induced thermal desorption 74548
Herman, I.P. *see* Freiler, M.B. 105691
Herman, J. *see* Acovic, A. 106206
Herman, M. *see* Liu, H. 67288
Herman, M.I. *see* Weller, T.M. 104870
Herman, P.M. *see* Chamberlin, J.H. 70675
Herman, R. Using the bootstrap method for evaluating variations due to sampling in voltage regulation calculations 102087
Herman, R. *see* Sellick, R.L. 102086
Herman, R. *see* Theron, D.R. 102184
Herman, R.L. *see* Jerri, A.J. 61025
Herman, S., Field, B.F., Boynton, P., de Haan, G. The perception of clamp noise in television receivers 88818
Herman, S., Field, B.F., Boynton, P.A. Quantification of temporal threshold noise in TV display 88830
Herman, S. *see* Stuart, B.C. 107477
Herman, T. *see* Ghosh, S. 98470
Herman, W. *see* Lindsay, G. 85595
Hermanis, E. Calculations on a symmetrical hyperbolic lens antenna 117042
Hermanlk, M.A., Sitter, H. MBE growth physics: application to device technology 61278
Hermann *see* Mihailescu, I.N. 82761
Hermann, A.M. *see* Fernandez, A.M. 81893
Hermann, A.M. *see* Gabor, A.M. 92938
Hermann, F., Scheidt, L.-G., Stadlbauer, H. Inclusion of environmental aspects and parameters in product specifications and product assessment: a report on ECMA TC38 72388
Hermann, J. *see* Gatz, S. 116651
Hermann, J. *see* Muller, M. 107430
Hermann, J. *see* Teodorescu, V.S. 104110
Hermann, K. *see* Otterstedt, J. 77537
Hermann, P. AlliedSignal commercial avionics windshear radar: theory and operational experience 120609
Hermann, S. *see* Oldekop, E. 74222
Hermanowicz, E. A differentiating digital product detector of variable delay 66647
Hermanowski, J. *see* Ficner, S. 105814
Hermans, J., Woitok, J., Geurts, J., Soellner, J., Heuken, M., Stanzl, H., Gebhardt, W. Optical investigation of Cl-doped ZnSe and ZnS$_x$Se$_{1-x}$ layers grown by metalorganic vapour phase epitaxy 74223
Hermans, J. *see* Hamadeh, H. 74153
Hermans, L. *see* Seijnaeve, J. 99995
Hermans, L.J.F. *see* Vugts, M.J.M. 94762
Hermans, L.J.F. *see* Vugts, M.J.M. 114926
Hermans, L.J.F. *see* Vugts, M.J.M. 114927
Hermans, L.J.F. *see* Vugts, M.J.M. 114929
Hermansen, F., Lammertsma, A.A. Linear dimension reduction of sequences of medical images. III. Factor analysis in signal space 101205
Hermansen, K. *see* Capellmann, C. 98825
Hermansky, H. *see* Bourlard, H. 76868
Hermansson, A. *see* Lejon, J. 71081
Hermansson, B. *see* van Deventer, M.O. 88496
Hermansson, H.-P., Arvidsson, P. Hide-out and micro chemistry on Oskarshamn 3 fuel cladding 102406
Hermaune, A. *see* Sonck, M. 110489
Herment, A., Demoment, G., Dumee, P. Improved estimation of low velocities in color Doppler imaging by adapting the mean frequency estimator to the clutter rejection filter 101298
Herment, A. *see* Rahmouni, A. 80366
Herment, A. *see* Senasli, M. 70060
Hermida, R. *see* Mendias, J.M. 73241
Hermida, R.C., Fernandez, J.R. Computation of time-specified tolerance intervals for ambulatorily monitored blood pressure 90268
Hermida, R.C., Mojon, A., Fernandez, J.R., Ayala, D.E. Computer-based medical system for the computation of blood pressure excess in the diagnosis of hypertension 90269
Herminghaus, S., Aust, E., Knoll, W., Takahashi, Y., Ukishima, S., Fukada, E., Boese, D. Evaporated polyurea films for optical modulators 106850
Herminghaus, S., Klewitz, S., Leiderer, P., Sogomonian, S. Stimulated scattering of Bessel beams 96726
Hern Soo Han *see* Woo Hyung Lee 108669
Hernandez, A., Basset, O., Chirossel, P., Giminez, G. Spatial compounding in ultrasonic imaging using an articulated scan arm 69975
Hernandez, A., Basset, O., Dautraix, I., Magnin, I.E. Acquisition and stereoscopic visualization of three-dimensional ultrasonic breast data 90371
Hernandez, A. *see* Aviles, R. 72720
Hernandez, A.C., Roco, J.M.M., Medina, A. Power and efficiency in a regenerative gas-turbine cycle with multiple reheating and intercooling stages 81329
Hernandez, A.E., Villasana, R.V., Ramirez, J.L. Insulation coordination in electrical power distribution networks by digital techniques: a real case study 102109
Hernandez, A.E. *see* Castellanos, O. 102145
Hernandez, A.E. *see* Leston, E. 102165
Hernandez, A.E. *see* Perez, L.G. 102089
Hernandez, B.A. *see* Voigt, J.A. 112284
Hernandez, C. *see* Carollo, A. 101409
Hernandez, C. *see* Lamb, H.C. 71855
Hernandez, E. *see* MacDougall, T.W. 100053
Hernandez, G., Forbes, J.M., Smith, R.W., Portnyagin, Y., Booth, J.F., Makarov, N. Simultaneous mesospheric wind measurements near South Pole by optical and meteor radar methods 101558
Hernandez, J.M. *see* Zhang, X.X. 75162
Hernandez, L. Frequency synthesis based on bandpass sigma-delta modulation 104386
Hernandez, L., de Melo, O., Melendez-Lira, M., Rivera-Alvarez, Z., Hernandez-Calderon, I. Investigation of deep levels in ZnSe:Cl films grown by molecular beam epitaxy 103835
Hernandez, L. *see* de Melo, O. 92763
Hernandez, M. *see* Tatchyn, R. 96526
Hernandez, M.A., Navarro, E.A., Andres, M.V., Segura, A., Munoz, V. Dynamics of thermally induced optical nonlinearity in GaSe thin slabs 76114
Hernandez, M.A. *see* Cruz, J.L. 64706
Hernandez, M.A. *see* Gutierrez, J.M. 82516
Hernandez, M.B., Finkelshtein, A.F. Zero asymptotics of Laurent orthogonal polynomials 72596
Hernandez, O.J., Godwin, C.A. The UltraSPARC-I data buffer: TI ASIC's first 0.5 µm-class product 61939
Hernandez, P. *see* Alejos, O. 63558
Hernandez, P. *see* Torres, L. 64338
Hernandez, R., Dormido, S. Kharitonov's theorem extension to interval polynomials which can drop in degree: a Nyquist approach 82359
Hernandez, R., Le Peuch, O., Parmentier, B., Vial, R. Introduction of plastic encapsulated devices in systems operating under severe temperature conditions 112953
Hernandez-Cabrera, A., Ramos, A. Valence-band mixing effects on exciton dipole terahertz emission from asymmetric triple quantum wells 94527
Hernandez-Cabrera, A. *see* Raichev, O.E. 114738
Hernandez-Calderon, I. *see* de Melo, O. 92763
Hernandez-Calderon, I. *see* Hernandez, L. 103835
Hernandez-Calderon, I. *see* Melendez-Lira, M. 94500
Hernandez-Figueroa, H.E., Loh, K.W.K., Fernandez, F.A. Trains of bright solitons in birefringent fibres 96716
Hernandez-Gil, F. *see* Roser, M. 67902
Hernandez-Gil, J.-F. *see* Salazar-Palma, M. 116943
Hernandez-Velez, M. *see* Sanchez-Garrido, O. 106293
Hernando, A. *see* Kim, W.T. 115530
Hernando, A. *see* Valenzuela, R. 84845
Hernando, J.A. *see* Gomez-Cadenas, J.J. 110537
Hernando, M.M. *see* Sebastian, J. 121645
Hernanz, J. *see* Calvente, J. 121694
Hernanz, M.L., Martin-Pascual, C., Felix, P., Lancho, M., Montesano, A. Design and performances of a very light printed antenna for advanced SAR 66159
Hernberg, R. *see* Li, D.M. 72925
Hernday, P.R. *see* Williams, P.A. 64671
Herndon, M. *see* Foucher, M. 90135
Herner, S.B., Jones, K.S., Gossmann, H.-J., Tung, R.T., Poate, J.M., Luftman, H.S. The influence of TiSi$_2$ and CoSi$_2$ growth on Si native point defects: the role of the diffusing species 63110
Herng-Der Lin *see* Hsi-Ching Chen 81513
Herng-Der Lin *see* Wen-Ying Chang 81514
Hernsoo Hahn Multisensor system integrating optical tactile and F/T sensors for determination of type and position of 3D contact surface 79317
Hernsoo Hahn, Kwangryul Choi, Yoonsan Chun, Jungkyu Joo Extraction of a feature relation graph of 3D objects using passive visual and active proximity sensors 87260
Hero, A.O. *see* Baygun, B. 117468

Hero, A.O. *see* Usman, M. 86856

Hero, A.O., III, Fessler, J.A., Usman, M. Exploring estimator bias-variance tradeoffs using the uniform CR bound 97784

Herold, C.J. *see* Bankier, A.A. 101234

Herold, G.S. *see* Kono, J. 62964

Herold, M., Gmeiner, J., Riess, W., Schwoerer, M. Tailoring of the electrical and optical properties of poly(p-phenylene vinylene) 72967

Herold, W. *see* Schmitz, M. 90079

Heros, C.P.De los *see* De los Heros, C.P.

Herper, J.C., Kaiteris, C., Valentino, P.A. Combined radar and illuminator for sea skimmers (CRISS) 111418

Herpers, R. *see* Englmeier, K.-H. 110734

Herpers, R. *see* Englmeier, K.-H. 120309

Herppich, W. Least-cost planning in the USA: an example for Europe? 80962

Herppich, W. Least-cost planning in the USA: an example for Europe? 91066

Herquet, P. *see* Botner, O. 69728

Herr, A.M. *see* Johnson, M.W. 64517

Herr, C.J., Glaser, R.M., Janssen, T.W.J., Bennett, T.L., Suryaprasad, A.G. Development of a hybrid leg cycling exercise technique for patients with lower-limb paresis 70177

Herr, D.J.C. Managing environmentally benign semiconductor manufacturing research 113049

Herr, H. *see* Ajinenko, I. 90197

Herr, W. *see* Brunner, O. 79953

Herr, W. *see* Dehning, B. 79949

Herrara G., M.A., Pedroza, M.A., Gonzalez G., R. Start-up of the shaft furnace at Hylsa 91974

Herrera, A., Algazi, V.R., Irvine, D. An acoustic approach for isolated speech recognition 97617

Herrera, A.B. *see* Xia, H.H. 68080

Herrera, F., Herrera-Viedma, E., Verdegay, J.L. Direct approach processes in group decision making using linguistic OWA operators 60804

Herrera, F., Herrera-Viedma, E., Verdegay, J.L. Preference degrees over linguistic preference relations in decision making 103353

Herrera-Gomez, A., Rousseau, P.M., Materlik, G., Kendelewicz, T., Woicik, J.C., Griffin, P.B., Plummer, J., Spicer, W.E. Evolution of the crystallographic position of As impurities in heavily doped Si crystals as their electrical activity changes 74100

Herrera-Gomez, A., Vergara, G., Spicer, W.E. Physics of high-intensity nanosecond electron source: charge limit phenomenon in GaAs photocathodes 62569

Herrera-Gomez, A. *see* Vergara, G. 94179

Herrera-Viedma, E. *see* Herrera, F. 60804

Herrera-Viedma, E. *see* Herrera, F. 103353

Herrero, J. *see* Guillen, C. 113401

Herres, N. *see* Fuchs, F. 74444

Herrfeld, A., Hentschke, S. Ternary latches for TDDNL pipelined systems 61815

Herrick, K.J. *see* Cheng, H.-J. 95830

Herrick, R.W., Cheng, Y.M., Beck, J.M., Petroff, P.M., Scott, J.W., Peters, M.G., Robinson, G.D., Coldren, L.A., Morgan, R.A., Hibbs-Brenner, M.K. Analysis of VCSEL degradation modes 96312

Herrick, R.W. *see* Cheng, Y.M. 96435

Herring, D.A. *see* Giacobbe, F.W. 62477

Herring, J.L., Hoefer, W.J.R. Improved excitation of 3D SCN TLM based on voltage sources 96872

Herring, S. Linguistic and critical analysis of computer-mediated communication: some ethical and scholarly considerations 87642

Herring, T.A. *see* Bevis, M. 76419

Herrmann, C. Transient behaviour of QOS parameters during connection admission in ATM 98439

Herrmann, C. *see* Kastner, J.F. 96318

Herrmann, F.P. *see* Choi, H.K. 96262

Herrmann, J., Konert, T. In search of the right system. Criteria for selecting a suitable CAQ system 60669

Herrmann, J., Muller, M. Theory of nonlinear coupled-cavity mode locking 96572

Herrmann, J., Nazarkin, A. Coherent Raman response and spectral characteristics of ultrashort solitons in fibers 76215

Herrmann, J. *see* Bokhoven, J.D. 103373

Herrmann, J. *see* Gatz, S. 116459

Herrmann, J. *see* Tempel, R. 83457

Herrmann, J. *see* Tempel, R. 83485

Herrmann, K. *see* Brand, U. 76314

Herrmann, P.F., Cottevieille, C., Leriche, A., Elschner, S. Refrigeration load calculation of a HTSC current lead under AC conditions 103170

Herrmann, P.F. *see* Elschner, S. 95396

Herrmann, R. *see* Huettl, B. 75712

Herrmann, R. *see* Velthaus, K.-O. 89343

Herrmann, V.M. *see* Heiberg, E.V. 80285

Herrmann, W. *see* Fumeaux, C. 116654

Herrmann, W.A. *see* Prokop, J. 92890

Herron, J.M., Yonas, H. A multi-location, teleradiology system for emergency triage consultation 110868

Herron, N. *see* Ying Wang 106936

Herrtwich, R.G. *see* Vogel, R. 109204

Herrup, D.A. Longitudinal emittance measurements in the Fermilab Booster 89860

Herrup, D.A., McGinnis, D., Steimel, J., Tomlin, R. Analog dampers in the Fermilab Booster 89861

Herry, P. *see* Houzelle, S. 111334

Hersch, R.D. *see* Deppner, F. 99797

Hersch, R.D. *see* Gennart, B.A. 68854

Herschbein, S.B. *see* Joseph, T.W. 95144

Herschtal, A., Herzberg, M. Dynamic capacity allocation and optimal rearrangement for reconfigurable networks 77790

Hersey, M.W. *see* Teare, S.W. 102398

Hershcovitch, A. *see* Beebe, E. 90094

Hershey, J.E. *see* Hassan, A.A. 65888

Hershey, P.C., Brown, T.S., Silio, C.B., Jr. Enhanced performance monitoring architecture for synchronous digital hierarchy networks 98595

Hershfeld, M.G. *see* Hayes, R.E. 83331

Hershfinkel, M. *see* Gheber, L.A. 83981

Hershkowitz, S.J. *see* Rihaczek, A.W. 68554

Hersman, C.B. *see* Frank, L.J. 80564

Hertel, G., Jung, H., Kleest, D. Expert systems for maintenance of public transit rolling stock 91863

Hertel, I.V. *see* Kittelmann, O. 96661

Hertel, P. *see* Shamonin, M. 95883

Hertel, P. *see* Shamonin, M. 97251

Hertel, P. *see* Shamonin, M. 106841

Hertle, H. *see* Heiss, W. 62960

Hertle, H. *see* Murdin, B.N. 62856

Hertwich, E.G., Sheng, P.S., Koshland, C.P. A flexible method for including environmental toxicity in DFE and LCA 72235

Hertz, H.M. *see* Berglund, M. 110630

Hertz, H.M. *see* Malmqvist, L. 63494

Hertzberg, B.S. *see* Keogan, M.T. 80363

Hertzler, C. *see* Habich, U. 107066

Herve, A. *see* Arefiev, A. 100805

Herve, D., Bonard, J.M., Vanzetti, L., Paggel, J.J., Sorba, L., Ganiere, J.D., Molva, E., Franciosi, A. Degradation of microgun-pumped blue lasers 75950

Herve, D., Chauvet, M., Viallet, J.E., Coquille, R. Polarization independent tunable narrow-band 1.55 μm grating filter in photorefractive iron doped indium phosphide 64885

Herve, D., Coste, G., Corlay, G., Plaisant, G., Schroer, S., Henry, C., Hugon, X., Reulet, J.F. SPOT 4's HRVIR and vegetation SWIR cameras 70544

Herve, P. *see* Hayman, A.J. 120928

Hervier, V. *see* Artiges, J.C. 90128

Hervier, V. *see* Artiges, J.C. 100960

Hervo, J. *see* Bayart, D. 75844

Herwaarden, S.van *see* van Herwaarden, S.

Herz, P. *see* Sarstedt, M. 100784

Herzberg, H., Saltzberg, B.R. Multilevel coding to combat quantization of the sum of the transmitted signal, a noise and a known interference 66359

Herzberg, M. *see* Herschtal, A. 77790

Herzel, E. *see* Knoll, D. 84333

Herzel, F., Heinemann, B. High-frequency noise analysis of Si/SiGe heterojunction bipolar transistors 83358

Herzel, F. *see* Heinemann, B. 84332

Herzel, F. *see* Zillmann, U. 105903

Herzig, H.P. *see* Blattner, P. 88605

Herzig, H.P. *see* Ehbets, P. 85754

Herzig, M. *see* Inkol, R.J. 61690

Herzinger, C.M. *see* Schubert, M. 119916

Herzog, A. *see* Krell, G. 108618

Herzog, A. *see* Krell, G. 110024

Herzog, D. *see* Fey, D. 106899

Herzog, G. Space charges in material science 65667

Herzog, G.W. *see* Macher, A. 104893

Herzog, H. *see* Weber, S. 101109

Herzog, H.-G., Knaulein, R., Schafer, R. Design and simulation of an optimized control unit for doubly-fed induction machines 91389

Herzog, H.-J. *see* Forster, M. 105349

Herzog, O. *see* Dudde, R. 63925

Herzog, R., Buhler, P., Gahler, C., Larsonneur, R. Unbalance compensation using generalized notch filters in the multivariable feedback of magnetic bearings 95391

Herzog, S., Simionescu, A., Hobler, G., Palmetshofer, L., Piplits, K., Grasserbauer, M. Monte Carlo simulation of channeled phosphorus implantations in silicon 84097

Herzog, S. *see* Shenker, S. 67785

Herzog, S. *see* Shenker, S. 98675

Herzog, U., Bergou, J.A. Non-Markovian micromaser field dynamics due to non-Poissonian pumping 85350

Herzog, W.D. *see* Unlu, M.S. 65269

Hesany, V. *see* Weissman, D.E. 111233

Hesch, K. *see* Abraham, M. 74910

Hese, J.Van *see* Van Hese, J.

Heshami, M., Wooley, B.A. A 250-MHz skewed-clock pipelined data buffer 61880

Hesjedal, T. *see* Chilla, E. 101586

Hesketh, J.A., Trittart, H., Aubry, P. Modernization of steam turbines for improved performance 81322

Hesketh, P.J., Yu Cheng Lin, Yangqing Pu, YuDong Ming MEMS: silicon technology for sensors and actuators 95232

Hesketh, T.G. *see* Lewis, C.P. 89508

Hesketh, T.G. *see* Lewis, C.P. 99805

Hesketh, T.G. *see* Lewis, C.P. 99941

Hespanha, J.P. *see* Belhumeur, P.N. 67224

Hess, C., Weiland, L.H. A digital tester based measurement methodology for process control in multilevel metallization systems 63430

Hess, C., Weiland, L.H., Lau, G., Simoneit, P. Control of application specific interconnection on gate arrays using an active checkerboard test structure 115287

Hess, C. *see* Couvreux, J. 82502

Hess, C.P., Zhi-Pei Liang A data-consistent linear prediction method for image reconstruction from finite Fourier samples 86634

Hess, C.W. *see* Nirkko, A.C. 80392

Hess, C.W. *see* Rosler, K.M. 90544

Hess, D.A. *see* Zari, M.C. 120940

Hess, D.W. *see* Atlas, D.A. 88566

Hess, D.W. *see* Kaluri, S.R. 94780

Hess, F. *see* Faschingbauer, U. 110557

Hess, G.T. *see* Sanders, T.J. 106163

Hess, H.L. *see* Padaca, V.F. 92002

Hess, J. *see* Reinhardt, M. 87369

Hess, K. *see* Fenton, E.W. 62878

Hess, K. *see* Jakumeit, J. 114564

Hess, K. *see* Lyding, J.W. 63654

Hess, K.McNaught-Davis *see* McNaught-Davis Hess, K.

Hess, M. *see* Hefzy, M.S. 101437

Hess, O. Spatio-temporal dynamics of high-power semiconductor lasers 96244

Hess, O., Kuhn, T. Spatio-temporal dynamics of semiconductor lasers: theory, modelling and analysis 65360

Hess, O. *see* Muenkel, M. 116560

Hess, O. *see* Simmendinger, C. 85464

Hess, O. *see* Simmendinger, C. 96365

Hess, P. *see* Barth, M. 104148

Hess, R. MMICs for commercial applications: the low-cost high volume production techniques 83421

Hess, R., Hutschenreuther, T., Lehmann, R., Schill, A. Architecture and implementation for scalable transfer of live videos in multimedia applications 118528

Hess, R., Hutschenreuther, T., Schill, A. Video communication and media scaling system "Xnetvideo": design and implementation 78181

Hess, R., Todd, J. Making HIRF certification economical 70387

Hess, R. *see* Leuthold, J. 75673

Hesse, B. *see* Rossmann, M. 62136

Hesse, E. *see* Schneider, P. 105824

Hesse, E. *see* Teichert, J. 74930

Hesse, S. *see* Dawson, M. 120259

Hesse, S. *see* Geyer, W. 118251

Hessel, G., Schmitt, W., Weiss, F.-P. A neural-network approach for acoustic leak monitoring in pressurized plants with complicated topologies 111744

Hessel, V., Ehrfeld, W., Mobius, H., Richter, T., Russow, K. Potentials and realization of microreactors 106268

Hessel, V. *see* Freimuth, H. 92955

Hesselbach, J., Pittschellis, R., Thoben, R., Oh, H.S. Handling systems for micro-assembly 104966

Hesselbarth, J., Wiedmann, F., Huyart, B. New structures for six-port reflectometers covering very large bandwidths 119854

Hesselbarth, J. *see* Shujun Xiao 97202

Hesselbom, H. *see* Niburg, M. 119218

Hesselink, L. *see* De Vre, R. 95647

Hesselink, L. *see* Downing, E.A. 89336

Hesselink, L. *see* Heanue, J.F. 64632

Hesselink, L. *see* Heanue, J.F. 116011

Hesselink, L. *see* Smith, S.L. 75576

Hesselink, L. *see* Yeo, J.S. 92695

Hessey, J.D. *see* Gilvin, P.J. 110971

Hessing, T.L. *see* Di Ciaccio, L. 100820

Hessler, S. *see* Bohne, W. 100758

Hessler, S. *see* Metzner, H. 71713

Hessler, T. *see* Okhonin, S. 115354

Hessling, J.P., Shumeiko, V.S., Galperin, Yu.M., Wendin, G. Current noise in biased superconducting weak links 64534

Hessman, D., Castrillo, P., Pistol, M.-E., Pryor, C., Samuelson, L. Excited states of individual quantum dots studied by photoluminescence spectroscopy 94497

Hessman, D. *see* Miller, M.S. 61291

Hessman, D. *see* Pistol, M.-E. 63027

Hessman, D. *see* Seifert, W. 105375

Hessmer, R. *see* Klarmann, R. 72827

Hestand, R., Christodoulou, C. Analysis of planar microstrip antennas using the finite element method 97348

Hester, D. *see* Velikov, D. 115046

Hester, D. *see* Velikov, D. 115085

Hester, S.L. *see* Serfass, J.A. 111839

Hesterlee, J.M., Sanders, E.T., Thrash, F.R., Jr. Bare overhead transmission and distribution conductor design overview 70941

Hesterman, B. *see* Ning Sun 71888

Heston, M.L., Smith, D.A., Bao, Z., Khaydarov, A., Willner, A.E., Hwang, S.-M., Huang, S.H., Zou, X.Y. Use of the acousto-optic tunable filter for optical spectrum analysis and EDFA power equalization in WDM systems 88510

Heston, W.D.W. *see* Feleppa, E.J. 90372

Hetherington, D. *see* Ababou, Y. 114605

Hetherington, D.L. *see* Barron, C.C. 106281

Hetherington, D.L. *see* De Larios, J.M. 74593

Hetherington, H.P., Pan, J.W., Mason, G.F., Adams, D., Vaughn, M.J., Twieg, D.B., Pohost, G.M. Quantitative ^{1}H spectroscopic imaging of human brain at 4.1 T using image segmentation 101301

Hethuin, S. *see* Humblet, P.A. 109094

Hetland, P.O. *see* Johansen, T.H. 115849

Hetling, K., Saulnier, G., Das, P. PR-QMF based codes for multipath/multiuser communications 88158

Hetling, K., Saulnier, G., Das, P. Performance of filter bank-based spreading codes for multipath/multiuser interference 99051

Hetong Guo *see* Guo Hetong

Hetrakul, P. *see* Lekkla, R. 78607

Hetrick, J.E. Smooth interpolation of lattice gauge fields by signal processing methods 86211

Hett, A., Drechsler, R., Becker, B. MORE: an alternative implementation of BDD packages by multi-operand synthesis 113676

Hettak, K., Coupez, J.Ph., Le Gouguec, T., Toutain, S., Legaud, P., Penard, E. Improved CPW to slotline transitions 93661

Hettak, K., Coupez, J.P., Rius, E., Toutain, S. A new uniplanar bandpass filter using λg/2 slotline and λg/4 coplanar waveguide resonators 62203

Hettel, R., Corbett, J., Keeley, D., Linscott, I., Mostowfi, D., Sebek, J., Wermelskirchen, C. Digital orbit feedback control for SPEAR 100619

Hettel, R. *see* Corbett, J. 100618

Hettel, R. *see* Sebek, J. 100551

Hetterich, M., Petillon, S., Petri, W., Dinger, A., Gruen, M., Klingshirn, C. Wurtzite $Zn_xCd_{1-x}S$ layers grown by combining MBE and hot-wall beam epitaxy 74166

Hettich, A. *see* Petras, D. 118841

Hettich, R., Still, G. Second order optimality conditions for generalized semi-infinite programming problems 72541

Hettich, R. *see* Hellekes, D. 101069

Hettl, P. *see* Kraus, H. 84891

Hettstedt, H.-D., Coraiola, A., Heddebaut, M., Buxloh, K.S., Boby, J., Baranowski, S., Lienard, M. Development and applications of radiating cables for GSM retransmission in tunnels–the optimization problem 99318

Hettwer, M. *see* Schmahl, G. 120238

Hetyei, J. Global multifunction precision landing system: GMPLS 79051

Hetyei, J. *see* Mathieu, J. 88754

Hetzel, F.W. *see* Qun Chen 120483

Hetzheim, H. Detection of stochastic structures in images by fuzzy and Choquet integrals 87053

Hetzheim, H., Dooley, L.S. Structured non-linear algorithms for image processing based upon non-parametric descriptions 87081

Hetzler, K.T. *see* Hur, K.Y. 93787

Hetzmannseder, E., Rieder, W. The influence of bounce parameters on the make erosion of silver/metal-oxide contact materials 62425

Hetzmannseder, E., Rieder, W.F. Make-and-break erosion of Ag/MeO contact materials 104921

Heuckeroth, V. *see* Bott, K. 62940

Heuell, P., Edrich, M., Maibauer, G., Meitzler, W., Eisenbeiss, G. Alpha-meter: the answer to the requirement of the market 91239

Heuer, A.H. *see* Collins, R.J. 95246

Heuer, A.H. *see* Kahn, H. 74951

Heuer, J. *see* Al-Radhi, M. 112836

Heuer, N. *see* Benqi Guo 61112

Heuermann, H., Schiek, B. The double-LNN calibration technique for scattering parameter measurements of microstrip devices 100296

Heui Gyu Kim, Doo Man Yoon, Dong Jin Oh, Cheol Sung Kim On the transmission of QAM signal using differential encoding in wireless channel 97520

Heui Seob Jeong *see* Buhm Jae Shin 89328

Heui-Wook Kim, Seung-Ki Sul A new motor speed estimator using Kalman filter in low-speed range 103068

Heuignard, J.P. *see* Loiseaux, B. 76302

Heuk Park *see* Young-Eun Kim 96006

Heuken, M. *see* Bacher, G. 62895

Heuken, M. *see* Drechsler, M. 74372

Heuken, M. *see* Hamadeh, H. 74153

Heuken, M. *see* Heitz, R. 74211

Heuken, M. *see* Hermans, J. 74223

Heuken, M. *see* Kubacki, F. 94486

Heuken, M. *see* Lampe, S. 74208

Heumann, B., Leidig, T., Rosch, P. GLASS-Studio: an open authoring environment for distributed multimedia applications 78000

Heumann, K. *see* Aredes, M. 91144

Heumann, K. *see* Aredes, M. 120994

Heumann, K. *see* Hafner, J. 91143

Heun, S., Sugiyama, M., Maeyama, S., Watanabe, Y., Wada, K., Oshima, M. The influence of an ultrathin pseudomorphic interface control layer of Si on the growth of SrF_2 on GaAs 61271

Heun, S., Sugiyama, M., Maeyama, S., Watanabe, Y., Wada, K., Oshima, M. Growth of Si on different GaAs surfaces: a comparative study 74340

Heun, S. *see* Maeyama, S. 62726

Heun, S. *see* Oshima, M. 82573

Heung Chang Soon *see* Soon Heung Chang

Heung Jo Jae *see* Jae Heung Jo

Heung Ro Choo *see* Beom-Hoan O 116563

Heung Ro Choo *see* Chongdae Park 65191

Heung Ro Choo *see* Chongdae Park 116526

Heung Ro Choo *see* Jeong Soo Kim 103891

Heung-Gyoon Ryu *see* Jong-Young Park 99307

Heung-Gyoon Ryu *see* Kyung-Sang Lee 119041

Heung-Jae Lee, Chan-Ho Lim, Young-Moon Park, Jong-Keun Park, Jin-Boo Choo, Yong-Beum Yoon An integrated fault diagnosis expert system for SCADA systems 102102

Heung-Jae Lee *see* Young-Moon Park 101889

Heung-Joon Park *see* Yong Je Lim 82868

Heung-Kyu Lee *see* Baek, Y. 73448

Heung-Sik Tae *see* Seok-Hee Hwang 83794

Heung-Woo Park, Byeong-Kwon Ju, Yun-Hi Lee, Jung-Ho Park, Myung-Hwan Oh Emission characteristics of the molybdenum-coated silicon field emitter array 114512

Heung-Yeung Shum, Hebert, M., Ikeuchi, K. On 3D shape similarity 86424

Heung-Yeung Shum, Ikeuchi, K., Reddy, R. Virtual reality modeling from a sequence of range images 77328

Heunggyu Park *see* Bumsoo Han 79911

Heunggyu Park *see* Keeman Kim 79771

Heuraux, S. *see* Pecoul, S. 76575

Heuring, J.J., Murray, D.W. Visual head tracking and slaving for visual telepresence 86772

Heusch, B. *see* Osswald, F. 69582

Heusdens, R. Design of lapped orthogonal transforms 87212

Heuser, W. *see* Cosler, A. 110006

Heusler, L. *see* Feridun, M. 108955

Heusser, G. *see* Cribier, M. 110538

Heute, U. *see* Serafat, M.R. 117285

Heutenik, B. *see* Kroes, F. 100476

Heuvel, F.van den *see* van den Heuvel, F.

Heuvel, J.V.D. *see* Benoy, D. 112600

Heuvel, R.A.van den *see* van den Heuvel, R.A.

Heuveln, F.H.van *see* van Heuveln, F.H.

Hewak, D.W. *see* Schweizer, T. 116418

Hewer, G., Kuo, W., Peterson, L. Adaptive wavelet detection of transients using the bootstrap 87163

Hewer, G., Kuo, W., Peterson, L. Multiresolution detection of small objects using bootstrap methods and wavelets 108546

Hewett, A.J. *see* Eichelberg, M. 109202

Hewings, D.B. *see* Redfern, M.A. 111877

Hewit, J.R. *see* Girach, K. 68357

Hewitt, B. *see* Ali, F. 114268

Hewitt, J.R., Bennett, L.A., Durling, R.L. On-line vs off-line maintenance in nuclear power plants–insights from a cycle-wide O&M cost model 71051

Hewitt, M.T.H. Radio spectrum for mobile networks 99374

Hewitt, T.D. *see* Wu, Q. 95822

Hewlett, G.J. *see* Gove, R.J. 68866

Hewlett, J.C. *see* Gingrich, D.M. 100934

Hewlett, S.J. *see* Arkwright, J.W. 88540

Hey, H.L. *see* Pinheiro, J.R. 121590

Hey, N. *see* Schreckenbach, W. 110134

Hey, N. *see* Schreckenbach, W. 119607

Hey, R., Wassermeier, M., Behrend, J., Daeweritz, L., Ploog, K., Raidt, H. Morphological instabilities on exactly oriented and on vicinal GaAs (001) surfaces during molecular beam epitaxy 62752

Hey, R. *see* Bellani, V. 62962

Hey, R. *see* Bellani, V. 114608

Hey, R. *see* Bott, K. 62940

Hey, R. *see* Herfort, J. 105250

Hey, R. *see* Noerenberg, H. 61226

Hey, R. *see* Ramsteiner, M. 62994

Hey, R. *see* Schwarz, G. 94491

Hey, R. *see* Stasch, R. 62706

Hey, R. *see* Stasch, R. 114645

Hey, R. *see* Stasch, R. 115131

Hey, S.A. *see* Weatherley, J.W. 81112

Hey-Shipton, G.L. Quasi-lumped element band-pass filters using DC isolated shunt inductors 93716

Hey-Shipton, G.L. *see* Raihn, K.F. 93700

Heybey, A. *see* England, P. 68851

Heyd, A.R. *see* Joungchel Lee 114761

Heydari, H. Remarks concerning the γ-production probability of high relativistic Dirac-electrons in the positron bunch 79945

Heydari, H., Ansary, O., Urban, M., Shafeei, M.E. Stepper motor control using the MC68HC11 81502

Heydarpoor, P. *see* Fretwurst, E. 110546

Heyden, A., Astrom, K. Algebraic varieties in multiple view geometry 67320

Heyden, A. *see* Astrom, K. 86461

Heyden, M.J.van der *see* van der Heyden, M.J.

Heydenreich, J. *see* Grundmann, M. 105374

Heydenreich, J. *see* Kirstaedter, N. 65202

Heydenreich, J. *see* Ledentsov, N.N. 62870

Heydenreich, J. *see* Ledentsov, N.N. 63081

Heyder, R., Watson, L., Jackson, R., Krueger, G., Conte, A. Nonevaporable gettering technology for in-situ vacuum processes [semiconductor processing] 94654

Heydt, G.T. *see* Galli, A.W. 120952

Heyer, T.J.D. *see* Wandmacher, R.A. 121214

Heyker, H. *see* van de Roer, T. 84500

Heyler, G.A. *see* Murphy, P.K. 108652

Heyman, D.P., Lakshman, T.V. What are the implications of long-range dependence for VBR-video traffic engineering? 77631

Heyman, E. *see* Marengo, E.A. 99618

Heyman, J.N. *see* Unterrainer, K. 105399

Heyman, P.M. *see* Burstyn, H.C. 89424

Heymann, P., Prinzler, H., Langer, T., Doerner, R. Modelling of Schottky varactors for NLTL applications 114273

Heymann, P. *see* Doerner, R. 62361

Heymer, S. *see* Hogrefe, D. 118113

Heyn, Ch., Harsdorff, M. Routine measurement of the absolute As_4 flux in a molecular beam epitaxy system with conventional RHEED equipment 104027

Heynderickx, D. *see* Daly, E.J. 70305

Heyns, M.M. *see* Depas, M. 84046

Heyns, M.M. *see* Depas, M. 95176

Heyns, M.M. *see* Depas, M. 105486

Heyns, M.M. *see* Rotondaro, A.L.P. 74541

Heyns, M.M. *see* Rotondaro, A.L.P. 114589

Heyong Zhang *see* Zhang Heyong

Heyu Wu *see* Wu Heyu

Heyun Lin *see* Lin Heyun

Heywod, P. International VPNs: carving up the telecom market 98569

Heywood, P. Rebel with a cause [ATM network design] 87695

Heywood, P. Global frame relay growing pains 118241

Heywood, P., Eng, T.C. International service providers: best in the world 67687

Heywood, R. *see* Ali, M. 75042

Heyworth, M. Internet archaeology: an international electronic journal for archaeology 67811

Hezel, R. *see* Aberle, A.G. 91735

Hezel, R. *see* Grauvogl, M. 112397

Hezhong Ma *see* Ma Hezhong

Hi Han Chul *see* Chul Hi Han

Hi Lee Kwae *see* Kwae Hi Lee

Hi Lee Yun *see* Yun Hi Lee

Hiasat, A.A., Abdel-Aty-Zohdy, H.S. An algorithm for the design of a residue-to-binary converter 93267

Hiatt, A.R., Vutz, N. *(editors)* Proceedings of the 1996 ASME/IEEE Joint Railroad Conference (Cat. No.96CH35947) 82066

Hiatt, D. Reengineering new product development processes to incorporate design-for-excellence (DFX) 92147

Hibbard, D.L. Electrochemically deposited nickel alloys with controlled thermal expansion for optical applications 64881

Hibbard, D.L. *see* Delatte, M.L. 70450

Hibbeln, B.A. *see* Evans, H.E., II 90887

Hibberd, R.D. *see* Harris, S.J. 90554

Hibbert, I.M. *see* Catford, W.N. 69884

Hibbs, S. *see* Deis, G. 106719

Hibbs, S.M. *see* Zbasnik, J.P. 106715

Hibbs-Brenner, M. *see* Zou, Y. 65330

Hibbs-Brenner, M.K. *see* Cheng, Y.M. 96435

Hibbs-Brenner, M.K. *see* Guenter, J.K. 96310

Hibbs-Brenner, M.K. *see* Hawthorne, R.A., III 96434

Hibbs-Brenner, M.K. *see* Herrick, R.W. 96312

Hibbs-Brenner, M.K. *see* Morgan, R.A. 96304

Hibbs-Brenner, M.K. *see* Wong, Y.M. 119220

Hibi, T. *see* Nagasaka, A. 98893

Hibino, M. *see* Takahashi, I. 61301

Hibino, S. *see* Omura, M. 94821

Hibino, T., Ushiki, K., Kuwahara, Y. Application of a single-compartment cell based on solid electrolytes to electrochemical devices 71675

Hibino, T. *see* Asano, K. 81752

Hibino, Y. *see* Tanaka, T. 76020

Hibino, Y. *see* Uchida, N. 88639

Hibino, Y. *see* Uchida, N. 109616

Hibner, D., Bellaver, R., Groom, F.M. Interlinking E-mail systems 87644

Hichri, H. *see* Birkmire, R.W. 112370

Hick, H. *see* Muck, K. 90652

Hickemell, F.S., Knuth, H.D., Dablemont, R.C., Hickernell, T.S. The surface acoustic wave propagation characteristics of 64° Y-X $LiNbO_3$ and 36° Y-X $LiTaO_3$ substrates with thin-film SiO_2 106447

Hicken, R.J. *see* Gester, M. 84795

Hickernell, F.S. *see* Baghai-Wadji, A.R. 106445

Hickernell, F.S. *see* Carlotti, G. 106329

Hickernell, T.S. *see* Hickemell, F.S. 106447

Hickernell, T.S. *see* Penunuri, D. 106422

Hickerson, T.W. *see* Dress, W.B., Jr. 119666

Hickey, B.J. *see* Laidler, H. 75192

Hickey, B.J. *see* Thomson, T. 64379

Hickey, B.R. *see* Meng, R.L. 75302

Hickey, G.S., Te-Kao Wu A four-frequency selective surface spacecraft subreflector antenna 76605

Hickey, L.M.B., Martins, E., Roman, J.E., Brocklesby, W.S., Wilkinson, J.S. Fluorescence of Ti^{3+} ions thermally diffused into sapphire 64592

Hickey, M. *see* Ting-Kuang Chiang 77944

Hickman, F., Forcier, R. Cost effective alternatives in high T_g resin systems [PCBs] 94021

Hickman, K.M. *see* Buhro, W.E. 113285

Hickman, R.J. *see* Hou, H.Q. 116490

Hickmann, J.Miguel *see* Miguel Hickmann, J.

Hicknan, F., Forcier, B. High T_g resin systems [PCB manufacture] 92263

Hicks, A.C., Common, A.K., Sobhy, M.I. Approximations to large amplitude solitary waves on nonlinear electrical lattices 107964

Hicks, D.A. Evolving complexity and cost dynamics in the semiconductor industry 92171

Hicks, D.B. *see* Shi, Q. 74913

Hicks, J.C. *see* Blue, C.T. 64091

Hicks, J.K. *see* LaVerne E. Stetson, P.E. 70623

Hicks, J.S. *see* Hunt, M.A. 67347

Hicks, K. *see* Wai-Hoi Wong 90345

Hicks, K. *see* Wai-Hoi Wong 101103

Hicks, K. *see* Wai-Hoi Wong 101115

Hicks, L.D., Harman, T.C., Sun, X., Dresselhaus, M.S. Experimental study of the effect of quantum-well structures on the thermoelectric figure of merit 63021

Hicks, P.J. *see* McLoskey, D. 89144
Hicks, R.F. *see* Halstead, W.H. 90714
Hicks, R.F. *see* Kappers, M.J. 61232
Hickson, M.T., Paul, D.K., Gardner, P., Konstantinou, K. High efficiency feedforward linearizers 62249
Hida, H. *see* Fujii, M. 61824
Hida, Y. *see* Jinguji, K. 119193
Hida, Y. *see* Takada, K. 106846
Hida, Y. *see* Takagi, A. 106817
Hidaka, H. *see* Ooishi, T. 61899
Hidaka, H. *see* Ooishi, T. 93614
Hidaka, H. *see* Yamaguchi, Y. 93358
Hidaka, I. *see* Yamaguchi, M. 73295
Hidaka, K. *see* Hayashi, T. 94746
Hidaka, M., Yamasawa, K., Sawada, Y. A simple torque-measurement of a micromotor 121520
Hidaka, N. *see* Ono, K. 114306
Hidaka, S. *see* Ishikawa, Y. 93745
Hidaka, S. *see* Ishikawa, Y. 104785
Hidalgo, F.Perez *see* Perez Hidalgo, F.
Hidalgo, H., Gomez-Trevino, E. Application of constructive learning algorithms to the inverse problem 90751
Hidalgo, S. *see* Flores, D. 63644
Hidalgo, S. *see* Flores, D. 63645
Hidalgo, S. *see* Vellvehi, M. 82938
Hidani, F. *see* Shimada, M. 68016
Hide, F., Schwartz, B.J., Diaz-Garcia, M.A., Heeger, A.J. Laser emission from solutions and films containing semiconducting polymer and titanium dioxide nanocrystals 96212
Hidetoshi, M. *see* Higashida, Y. 110730
Hidman, P. *see* Holmgren, T. 91122
Hie Tan Soon *see* Soon Hie Tan
Hieb, M.R. *see* Tecuci, G. 90679
Hiebel, P. *see* Tixador, P. 95615
Hieber, K. *see* Haberger, K. 84601
Hieda, M. *see* Miyazaki, K. 69577
Hieda, M. *see* Takami, T. 83530
Hiei, F. *see* Rees, P. 96332
Hiemenz, L., McDonald, J., Stredney, D., Sessanna, D. A physiologically valid simulator for training residents to perform an epidural block 70176
Hien, D.S. Development of nuclear spectroscopy systems using high resolution semiconductor detector 80144
Hien, T.D. *see* Nowicki, A. 110800
Hien Do-Ky, Laneve, T., Sychaleun, S., Stubbs, M., Wights, J.W. Linear and non-linear modelling verification of power HBTs 62247
Hierholzer, M. *see* Brunner, H. 121717
Hierlemann, M. *see* Brinkmann, R.P. 63892
Hierlemann, M. *see* Brinkmann, R.P. 72901
Hierlemann, M. *see* Jensen, K.F. 82751
Hierlemann, M. *see* Simka, H. 113421
Hierold, C., Hildebrandt, A., Naher, U., Scheiter, T., Mensching, B., Steger, M., Tielert, R. A pure CMOS surface micromachined integrated accelerometer 74934
Hierold, C. *see* Scheiter, T. 63221
Hieslmair, H., McHugo, S.A., Weber, E.R. External gettering of silicon materials containing various efficiency-limiting defects 105112
Hietala, V.M. *see* Fritz, I.J. 116109
Hietala, V.M. *see* Lin, S.-Y. 74358
Hietala, V.M. *see* Lin, S.-Y. 95918
Hieter, N. *see* Stok, L. 113637
Hietschold, M., Sbosny, H., Bruska, A., Roeder, M. Scanning tunneling microscopy for geometrical measurements on the nanometer scale 79340
Hietschold, M., Schulze, S., Falke, U., Fenske, F., Wolke, W. HRTEM characterization of the NiSi$_2$ growth into the Si(111) surface 113333
Hiett, M. *see* Novak, L.M. 68632
Hiett, M. *see* Novak, L.M. 80732
Higa, A., Hatta, A., Ito, T., Maehama, T., Toguchi, M., Hiraki, A. Homoepitaxial diamond synthesis by DC arc plasma jet chemical vapor deposition 61262
Higa, C., Kennard, D.N., Norris, J.B., Shigetani, M. Strategies for working in collaboration to support emergency management communications in the North, Central and Western Pacific 88443
Higa, K. *see* Takara, T. 97602
Higaki, H. Extended group communication algorithm for updating distributed programs 87447
Higaki, H., Hirakawa, Y. Group communication for upgrading distributed programs 87418
Higaki, H. *see* Shima, K. 87441
Higaki, J. *see* Ando, S. 109927
Higaki, K. *see* Nakahata, H. 106448
Higaki, T. *see* Uda, S. 71369
Higami, Y., Kajihara, S., Kinoshita, K. Test sequence compaction by reduced scan shift and retiming 61843
Higasa, H., Takahata, R., Imaizumi, H., Miya, K. Frequency response function of magnetic bearings using high-temperature superconductor 81398
Higashi, A., Taguchi, T., Ohno, K. Performance of coherent detection and RAKE for DS-CDMA uplink channels 98413
Higashi, A. *see* Adachi, F. 118939
Higashi, A. *see* Dohi, T. 118865
Higashi, A. *see* Dohi, T. 118940
Higashi, K. *see* Ohashi, S. 91902
Higashi, K. *see* Okabe, K. 109409
Higashi, K. *see* Suzuki, K. 104897
Higashi, K. *see* Suzuki, T. 115783
Higashi, M. *see* Neba, Y. 71186
Higashi, M. *see* Neba, Y. 71187
Higashi, M. *see* Neba, Y. 71526
Higashi, M. *see* Neba, Y. 71527
Higashi, M. *see* Neba, Y. 91626
Higashi, N. *see* Yamamoto, A. 89625
Higashi, S., Nakajima, H., Ookubo, M., Tamura, S., Morita, K., Fukui, C. The advanced security monitoring system to simulate the network dynamics controlled by operator 80877
Higashi, S., Yoshikawa, M., Sogawa, J., Kataoka, T., Nakamura, S., Watanabe, M., Itaya, N., Hirose, K. Power system restoration using new problem space search method 80878
Higashi, T. *see* Takayanagi, T. 73424
Higashi, Y., Maruo, T., Homma, Y., Miyake, M. Quantitative depth profiling of boron in shallow BF$_2^+$-implanted silicon by using laser-ionization sputtered neutral mass spectrometry 63146
Higashi, Y. *see* Higo, T. 100669
Higashi, Y. *see* Saitoh, Y. 80027
Higashi, Y. *see* Saitoh, Y. 100838
Higashida, M., Kobayashi, N., Ishikawa, J., Hamada, H., Okura, I. Architecture-independent HDL modeling for error-correction decoders 78269
Higashida, Y., Murakami, Y., Yoshida, A., Kastuda, N., Moribe, N., Bussaka, H., Hamada, T., Yoshida, Y., Hidetoshi, M., Takahashi, M. Basic imaging properties of a new screen-film system for chest radiography 110730
Higashiguchi, M. *see* Amano, N. 98070
Higashiguchi, T. *see* Satoh, M. 64892
Higashihama, H., Niwa, M. The power-saving potential of small-scale photovoltaic power systems 81357
Higashii, T. *see* Ishiguro, H. 75416
Higashino, K. *see* Hatakeyama, I. 78680
Higashino, T. *see* Kant, C. 98678
Higashino, T. *see* Li, X. 67585
Higashino, T. *see* Uda, H. 88199
Higashino, T. *see* Uda, H. 88231
Higashino, Y. *see* Umezawa, T. 104619
Higashisaka, N. *see* Miyashita, M. 96051
Higashisaka, N. *see* Shimada, M. 68016
Higashitani, K. *see* Watanabe, H. 115206
Higashiura, A. *see* Tatematsu, Y. 122092
Higashiwaki, M., Yamamoto, M., Higuchi, T., Shimomura, S., Adachi, A., Okamoto, Y., Sano, N., Hiyamizu, S. High-density GaAs/AlAs quantum wires grown on (775)B-oriented GaAs substrates by molecular beam epitaxy 72763
Higashiyama, K. *see* Fukushima, K. 91774
Higashiyama, K. *see* Maki, N. 115894
Higashiyama, K. *see* Okada, M. 84867
Higashiyama, M. *see* Iwasaki, Y. 118457
Higashiyama, Y. *see* Asano, K. 79685
Higashiyama, Y. *see* Sugimoto, T. 81173
Higashiyama, Y. *see* Yatsuzuka, K. 92964
Higasiyama, K. *see* Fukuda, K. 77490
Higazy, M.G. Theoretical performance of wind wheel turbines 102523
Higeta, K., Usami, M., Ohayashi, M., Fujimura, Y., Nishiyama, M., Isomura, S., Yamaguchi, K., Idei, Y., Nambu, H., Ohhata, K., Hanta, N. A soft-error-immune 0.9-ns 1.15-Mb ECL-CMOS SRAM with 30-ps 120 k logic gates and on-chip test circuitry 61887
Higeta, K., Usami, M., Ohayashi, M., Fujimura, Y., Nishiyama, M., Isomura, S., Yamaguchi, K., Idei, Y., Nambu, H., Ohhata, K., Hanta, N. A soft-error-immune 0.9-ns 1.15-Mb ECL-CMOS SRAM with 30-ps 120 k logic gates and on-chip test circuitry 113943
Higgie, G.R. Database of best T-codes 108122
Higgins, A. *see* Ali, F. 83430
Higgins, B.R. *see* Farina, J.D. 88567
Higgins, D.S.G. *see* Dykes, D.M. 100672
Higgins, F.P. *see* Liu, R.Z. 73889
Higgins, J.A. *see* Cheh-Ming Liu 93876
Higgins, J.A. *see* Khan, M.A. 84466
Higgins, J.A. *see* McNally, P.J. 74678
Higgins, J.A. *see* Pehlke, D.R. 62272
Higgins, J.A. *see* Pehlke, D.R. 93793
Higgins, J.A. *see* Sovero, E.A. 93875
Higgins, J.A. *see* Wei, C.J. 94924
Higgins, J.A. *see* Youngwoo Kwon 73791
Higgins, J.J. *see* Khamis, I.H. 82342
Higgins, J.M.M. DSNG–'virtually a reality' 119428
Higgins, L.L. *see* Hargreaves, T.A. 62612
Higgins, P. The World Wide Web: an introduction 109051
Higgins, T. *see* Sturzebecher, D. 86007
Higgins, W.E., Orlick, C.J., Ledell, B.E. Nonlinear filtering approach to 3-D gray-scale image interpolation 101200
Higgins, W.E., Spyra, W.J.T., Karwoski, R.A., Ritman, E.L. System for analyzing high-resolution three-dimensional coronary angiograms 80274
Higgins, W.E. *see* Reinhardt, J.M. 117560
Higginson, B.M. A radio network: a system and a solution for co-ordination of care provision for an ageing population 88128
Higginson, J. *see* Dixon, A. 99733
Higgs, A.W. *see* Plimmer, S.A. 63545
Higgs, A.W. *see* Plimmer, S.A. 74689
Higgs, L. *see* Lebet, J.P. 70212
High, M. *see* Sinclair, R.I. 64862
High, N.M., Fiske, L.E. Documentation of decontamination and decommissioning activities using geographic information systems 81242
Higham, D.J. *see* Calvo, M. 61049
Higham, E. *see* Keenan, R. 97394
Higham, E.H. *see* Amadi-Echendu, J.E. 72110
Higham, N., Lee, A. Broadband regulation. The OFTEL Consultative Document: beyond the telephone, the television and the PC 67656
Higham, N.J. *see* Braconnier, T. 103749
Highnam, R.P., Brady, J.M., Shepstone, B.J. A representation for mammographic image processing 80323
Hightower, A. *see* Ratnakumar, B.V. 71645
Hightower, A. *see* Ratnakumar, B.V. 121844
Hightower, A. *see* Witham, C. 121856
Higino, J. *see* Couto, C. 99893
Higley, J.K., Joffe, M.A. Airborne molecular contamination: cleanroom control strategies 84197
Higo, T. Performance of normal conducting structures for linear colliders 100415
Higo, T., Sakai, H., Higashi, Y., Takatomi, T., Koike, S. Precise fabrication of X-band detuned accelerating structure for linear colliders 100669
Higo, T., Taniuchi, T., Yamamoto, M., Odagiri, J., Tokumoto, S., Mizuno, H., Takata, K., Wilson, I., Wuensch, W. High gradient performance of X-band accelerating sections for linear colliders 79852
Higo, T. *see* Ogitsu, T. 100449
Higo, T. *see* Sakanaka, S. 100681
Higo, T. *see* Sakanaka, S. 100682
Higson, N. *see* Fairhurst, M.C. 80186
Higson, S. *see* Warriner, K. 79570
Higuchi, A. *see* Tobiyama, M. 90030
Higuchi, F. *see* Ebata, K. 96584
Higuchi, F. *see* Fuse, K. 96866
Higuchi, H., Tachibana, S., Minami, M., Nagano, T. A 5-mW, 10-ns cycle TLB using a high-performance CAM with low-power match-detection circuits 93355
Higuchi, H. *see* Chichibu, S. 113297
Higuchi, K., Hebert, M., Ikeuchi, K. Building 3-D models from unregistered multiple range images 108434
Higuchi, K., Mori, M., Kudo, M., Mishima, T. New low contact resistance triple capping layer enabling very high G$_m$ InAlAs/InGaAs HEMTs 63773
Higuchi, K., Nakajima, K. Closed loop recycling of magnesium PC housing 72311
Higuchi, K. *see* Miyagi, T. 114331
Higuchi, K. *see* Sawahashi, M. 118935
Higuchi, K. *see* Shirakawa, K. 77616
Higuchi, M., Sano, J., Hara, K., Fujii, M. A semi-automated verification method for communication protocols modeled as 2-ECFSMs 77769
Higuchi, M. *see* Li, X. 67585
Higuchi, M. *see* Mass, J.L. 113281
Higuchi, M. *see* Sano, T. 118087
Higuchi, N., Kaiho, K., Ishii, I., Nomura, H., Tateishi, H., Fuchino, S., Arai, K., Sekine, S., Natori, N., Kajikawa, K., Tamada, N., Onishi, T., Aiba, T., Iimura, T. A study on stability of rotating magnets 102606
Higuchi, N. *see* Nomura, H. 95572
Higuchi, S., Ishida, M., Hori, T. Reduction of mechanical vibration of an induction motor with pulsating torque load by feedforward control utilizing an acceleration sensor and a timing sensor 91521
Higuchi, S. *see* Zaghib, K. 81668
Higuchi, T., Oyama, J., Yamada, E., Chiricozzi, E., Parasiliti, F., Villani, M. Optimization procedure of surface PM synchronous motors 111925
Higuchi, T., Yamaguchi, T., Tanaka, M. Development of a high speed non-circular machining NC-lathe for cutting a piston-head of a reciprocating engine by use of a new servomechanism actuated by electromagnetic attractive force 82029
Higuchi, T. *see* Abe, M. 114126
Higuchi, T. *see* Aoki, T. 73893
Higuchi, T. *see* Aoki, T. 93263
Higuchi, T. *see* Aoki, T. 95898
Higuchi, T. *see* Higashiwaki, M. 72763
Higuchi, T. *see* Ju Jin 116831
Higuchi, T. *see* Kawamata, M. 62031
Higuchi, T. *see* Kawamata, M. 66686
Higuchi, T. *see* Kawamata, M. 67066
Higuchi, T. *see* Kitazawa, T. 89256
Higuchi, T. *see* Kurosawa, M. 95325
Higuchi, T. *see* Kurosawa, M. 95327
Higuchi, T. *see* Kurosawa, M. 112012
Higuchi, T. *see* Lee, Y.-H. 93605
Higuchi, T. *see* Morita, T. 91564
Higuchi, T. *see* Oka, K. 103122
Higuchi, T. *see* Ono, M. 100494
Higuchi, T. *see* Oyama, J. 81558
Higuchi, T. *see* Oyama, J. 91625
Higuchi, T. *see* Oyama, J. 121670
Higuchi, T. *see* Parhami, B. 61855
Higuchi, T. *see* Shima, T. 110286
Higuchi, T. *see* Tsutsui, Y. 75377
Higuchi, T. *see* Yamagata, Y. 75060
Higuchi, Y., Koizumi, M., Saito, S. 3D eddy current calculation with integral equation method for a transformer 107783
Higuera, J.F.D., Pernas, F.J.D., Coronado, J.L. Neural network architecture for automatic chromosome analysis 66909
Higurashi, E., Ohguchi, O., Ukita, H., Tamamura, T. Rotational manipulation of artificial micro-objects based on the radiation pressure exerted on their internal sides 106270

Higurashi, K. *see* Sato, H. 111657
Higurashi, S. *see* Fujita, M. 109932
Higuti, M., Matsushita, T., Morimoto, T. Multimedia LCD display model PC-KP411 67978
Hihara, H. *see* Sato, E. 119160
Hihara, H. *see* Yoshida, K. 95677
Hiie, J. *see* Valdna, V. 94352
Hiismaki, P.E. *see* Maayouf, R.M.A. 69871
Hiivala, L. *see* Parpal, J.-L. 121168
Hijazi, M. *see* Adnan Al-Alaoui, M. 120468
Hiji, M., Nunokawa, H., Miyazaki, M. Representation of communication protocol in communication computation model 77728
Hijikata, K. *see* Fushinobu, K. 74511
Hijikigawa, M. Future prospects for TFT-LCDs 89382
Hika, K., Panina, L.V., Mohri, K. Magneto-impedance in sandwich film for magnetic sensor heads 115839
Hikami, T. *see* Kamiya, I. 119162
Hikasa, K., Nakamura, Y., Fukunaga, T. Development of a full-surface precoat soldering technique 112895
Hikasa, K. *see* Mita, S. 75261
Hikasa, K. *see* Mita, S. 75261
Hikata, M., Shibagaki, N., Asai, K., Sakiyama, K., Sumioka, A. New miniature SAW antenna duplexer used in GHz-band digital mobile cellular radios 109381
Hikata, T. *see* Kiuchi, M. 75321
Hikata, T. *see* Kiuchi, M. 75340
Hikata, T. *see* Ueyama, M. 84922
Hikata, T. *see* Ueyama, M. 115896
Hikichi, N. *see* Nguyen Ngoc Binh 83153
Hikichi, Y. *see* Hasegawa, T. 106729
Hikida, Y. *see* Suzuki, H. 100108
Hikihara, T., Hirane, Y., Uejyou, T. Experimental study of LIM-driven, attraction-type magnetically levitated carrying system 81974
Hikita, H. *see* Takeda, K. 94404
Hikita, K. *see* Kondo, H. 90604
Hikita, K. *see* Yamada, Y. 90603
Hikita, M., Shibagaki, N., Asai, K., Sakiyama, I., Sumioka, A. 1.5-GHz SAW miniature antenna duplexer used in personal digital cellular 76669
Hikita, M. *see* Asai, K. 104668
Hikita, M. *see* Goshima, H. 102599
Hikita, M. *see* Hayakawa, N. 75007
Hikita, M. *see* Isobe, A. 84696
Hikita, M. *see* Okubo, H. 75008
Hikita, M. *see* Okubo, H. 102788
Hikita, M. *see* Segi, T. 76254
Hikita, M. *see* Shimizu, R. 69440
Hikita, M. *see* Usui, M. 116079
Hikita, M. *see* Wakita, M. 102182
Hikita, T. *see* Zhenlin Liu 116446
Hikmet, R.A.M., Boots, H.M.J., Michielsen, M. Anisotropic-network-stabilized ferroelectric gels for active matrix addressing 79605
Hikosaka, T. *see* Akiyama, J. 75224
Hikosaka, T. *see* Kikuchi, T. 70943
Hikosaka, Y. *see* Hashimoto, K. 84189
Hikosaka, Y. *see* Hashimoto, K. 105636
Hikoso, K. *see* Okabe, K. 109409
Hilaire, A. *see* Faugier, A. 79947
Hilaire, A. *see* Faugier, A. 79948
Hilal, N. *see* Salih, A.J. 113462
Hilali, A. *see* Bouchitte, V. 103669
Hilber, W., Helm, M., Alavi, K., Pathak, R.N. Hot-electron power loss in a doped GaAs/AlGaAs superlattice at intermediate temperature studied by infrared differential spectroscopy 114777
Hilberer, A. *see* Schlatmann, A.R. 107008
Hilbert, C. *see* Kumar, N. 89367
Hilbrich, S., Theiss, W., Arens-Fischer, R., Glueck, O., Berger, M.G. The influence of the doping level on the optical properties of porous silicon 94302
Hilbrich, S. *see* Krueger, M. 94804
Hilburger, U., Kneissl, M., Kiesel, P., Knupfer, B., Dohleb, G.H., Grothe, H. Monolithic waveguide smart pixels for high-contrast and high-gain all-optical switching 95817
Hilburger, U. *see* Knupfer, B. 99510
Hild, M., Okamoto, T. Balloon operator for extracting regions satisfying shape and orientation constraints 87005
Hild, M., Shirai, Y. A region extension method for natural outdoor scene interpretation 87032
Hild, R., Yzuel, M.J., Escalera, J.C. Influence of optical filtering and coherence parameter on the 3-D line spread function in photolithographic imaging 85242
Hild, R. *see* Yzuel, M.J. 116195
Hildebrand, L.T., McNamara, D.A. Full-wave analysis of a microstrip-waveguide interconnect configuration 116980
Hildebrand, O. *see* Baums, D. 109312
Hildebrand, P.H., Walther, C. The ELDORA/ASTRAIA airborne Doppler weather radar: results from recent field tests 111197
Hildebrand, P.H., Walther, C., Wen-Chau Lee The ELDORA/ASTRAIA airborne Doppler weather radar: results from recent field tests 120742
Hildebrand, T. *see* Muller, R. 90299
Hildebrandt, A. *see* Hierold, C. 74934
Hildebrandt, G., Uhlmann, F.H. Magnetic field computation in superconducting thin film structures by a volume integral equation method 64547
Hildebrandt, G., Uhlmann, F.H., Daalmans, G.M., Bommel, F.R. A novel approach in calculating V-I curves of a DC-SQUID coupled to a planar input coil 64537
Hildebrandt, G. *see* Oelze, B. 61989
Hildebrandt, S. *see* Shaobai Mo 105136
Hilder, D. *see* Hong, T. 64032
Hilderink, L.T.N. *see* Albers, H. 64739
Hilderman, R.J. *see* Kowalchuk, R.J. 109198
Hildesheim, W. *see* Fretwurst, E. 69806
Hildingsson, L. *see* Attas, E.M. 102404
Hildner, M.L., Antolak, A.J., Bench, G.S. Improved fitting of PIXE spectra: the Voigt profile and Si(Li) detector modeling 69893
Hile, C.V., Kath, W.L. Numerical solutions of Maxwell's equations for nonlinear-optical pulse propagation 76262
Hile, J.W. *see* Troxell, J.R. 63952
Hilfiker, J.N., Glenn, D.W., Heckens, S., Woollam, J.A., Wierman, K.W. In situ and ex situ optical characterization of electro deposited magneto-optic materials 75189
Hilgenberg, C.S. *see* Byers, D.L. 68872
Hilgenkamp, H. *see* Mannhart, J. 95481
Hilgenkamp, H. *see* Mayer, B. 64559
Hilger, N. *see* Obermeier, G. 84509
Hilgers, J.W., Reynolds, W.R., Strang, D.E., McManamey, J.R. Correlation length used as a predictor of fundamental scale lengths for image characterization 67388
Hill, A., Cootes, T.F., Taylor, C.J. Active shape models and the shape approximation problem 108415
Hill, A.E. *see* Ahmed, E. 74515
Hill, A.E. *see* Yakushev, M.V. 74309
Hill, A.E. *see* Zegadi, A. 94453
Hill, A.M., Houghton, A.J.N. Optical networking in the European ACTS Programme 88506
Hill, A.M. *see* Churin, E.G. 98373
Hill, A.M. *see* Churin, E.G. 109656
Hill, A.R. *see* Scott, V.A. 80372
Hill, A.T., Suli, E. Set convergence for discretizations of the attractor 60967
Hill, A.T. *see* Larsen, E.V. 91088
Hill, B. *see* Bartscher, G. 65719
Hill, B.K., Cyganski, D., Vaz, R.F. Multi-target discrimination with linear signal decomposition/direction of arrival based ATR 78964
Hill, B.O. *see* Repperger, D.W. 70253
Hill, B.W. *see* Gillespie, G.H. 89947
Hill, C. *see* Pearson, P.J. 63835
Hill, C.A., Pearson, G.N., Tapster, P., Vaughan, J.M., Miller, G.M. Polarization states and output powers of a CO_2 laser with an electro-optic phase retarder 107078
Hill, C.D., Euler, H.-J. An optimal ambiguity resolution technique for attitude determination 68761
Hill, C.E. Ion and electron sources 69684
Hill, C.J. *see* Ashkenazi, V. 79078
Hill, C.J. *see* Ashkenazi, V. 79079
Hill, C.T. The congressional office of technology assessment a retrospective and prospects for the post-OTA world 92363
Hill, C.W., Stringfellow, G.B., Sadwick, L.P. Trisdimethylaminophosphorus reactions at low pressure on GaP, InP and quartz surfaces 72817
Hill, D., Khatibzadeh, A., Liu, W., Kim, T., Ikalainen, P. Reply to "Comparison of thermal-shunt and flip-chip HBT thermal impedances: comment on novel HBT with reduced thermal impedance" 84354
Hill, D.A., Camell, D.G., Cavcey, K.H., Koepke, G.H. Radiated emissions and immunity of microstrip transmission lines: theory and reverberation chamber measurements 65885
Hill, D.J. *see* Chengshan Xiao 97794
Hill, D.J. *see* Makarov, Y.V. 101897
Hill, D.J. *see* Roglans, J. 71090
Hill, D.J. *see* Xiao, C. 66770
Hill, D.J. *see* Youyi Wang 70763
Hill, D.J. *see* Youyi Wang 101900
Hill, D.L.G. *see* Little, J.A. 110711
Hill, D.L.G. *see* Studholme, C. 110703
Hill, D.N. *see* Chung, Y.S. 92801
Hill, D.N. *see* Jones, R.D. 73994
Hill, D.N. *see* Ouali, F.F. 84297
Hill, D.N. *see* Ouali, F.F. 105253
Hill, E. *see* Casey, S. 106548
Hill, E.v.K., Walker, J.L., II, Rowell, G.H. Burst pressure prediction in graphite/epoxy pressure vessels using neural networks and acoustic emission amplitude data 82816
Hill, F.S. *see* Jiung-yao Huang 86834
Hill, G. *see* Barnham, K. 102982
Hill, G. *see* Bishop, P.J. 74413
Hill, G. *see* De Roure, D. 118347
Hill, G. *see* Finley, J.J. 105254
Hill, G. *see* Finley, J.J. 105281
Hill, G. *see* Fisher, T.A. 65309
Hill, G. *see* Greally, M.G. 74330
Hill, G. *see* Grey, R. 119674
Hill, G. *see* Hayden, R.K. 114745
Hill, G. *see* Kowalski, O.P. 72754
Hill, G. *see* McDonnell, P. 63823
Hill, G. *see* Peggs, D.W. 62971
Hill, G. *see* Teissier, R.J. 62854
Hill, G. *see* Weaver, M.S. 85257
Hill, H. *see* Zimmermann, S. 79258
Hill, H. *see* Zimmermann, S. 100857
Hill, I.R., Anderson, B.W., Goledzinowski, M., Dore, R.J. Investigations of the chemistry of rechargeable Li/SO_2 cells containing tetrachlorometallate:SO_2 electrolytes 81664
Hill, J., Gonzales, S., Keating, R., Gregory, R. Titanium nitride barrier formation and junction leakage characterization 74622
Hill, J.E. *see* Nelson, R.J. 70839
Hill, K.B. *see* Brady, D.J. 96843
Hill, K.O. *see* Ahn, K.H. 95903
Hill, K.O. *see* Albert, J. 106798
Hill, K.O. *see* Bilodeau, F. 78774
Hill, K.O. *see* Ohn, M.M. 116027
Hill, K.O. *see* Tanaka, T. 76020
Hill, K.O. *see* Temmyo, J. 119443
Hill, K.O. *see* Theriault, S. 64662
Hill, K.U., Swanson, G.S. Utilization of the World-wide Web as an extension delivery method 118352
Hill, M.D. *see* Mukherjee, S.S. 77941
Hill, N. *see* Nubla, A. 117104
Hill, N.C. *see* Bailey, R.S. 63428
Hill, N.P.R. *see* Rubel, H. 105360
Hill, P. *see* Egan, R.J. 75442
Hill, P. *see* Inglis, H.G. 75457
Hill, P. *see* Krug, P.A. 78701
Hill, P.C.J. *see* Wells, P.D. 76943
Hill, P.M. *see* Bugos, A.R. 118434
Hill, P.M. *see* Shuang Deng 98643
Hill, R., Birkwood, P., Miceli, J. Managing next generation broadband networks and services with distributed operations technology 118399
Hill, R., Lizak, P. Extensions of linear codes 66419
Hill, R. *see* Adurodija, F.O. 94439
Hill, R. *see* Duke, S. 81887
Hill, R. *see* Geyling, F. 114944
Hill, R. *see* Miles, R.W. 94587
Hill, R. *see* Pande, P.C. 72856
Hill, R.A., Bjorklund, G.C., Hamilton, S.A., Yankelevich, D.R., Knoesen, A. Polymeric in-line fiber modulator using novel processing techniques 78799
Hill, R.A., Pretre, P., Knoessen, A., Yankelevich, D.R., Tweig, R. Optically initiated electric field poling of nonlinear polymers 64604
Hill, R.H., Avey, A.A., Blair, S.L., Gao, M., Palmer, B.J. Molecular design for photo and electron beam lithography with thin films of coordination compounds 63496
Hill, R.J. Electric traction EMI studies 71836
Hill, R.J. Identification of rail track parameters using finite-element analysis 112508
Hill, R.J., Brillante, S., Leonard, P.J. Modelling rail track electrical behaviour using two-dimensional finite elements 91852
Hill, R.J., Brillante, S., Pozzobon, P. Computation of harmonic current in traction lines with vehicle motion 91911
Hill, R.J., Cai, Y. Simulation of rail voltage and earth current in a PC-based traction power simulator 71816
Hill, R.J. *see* Brillante, S. 81970
Hill, R.J. *see* Nenov, I. 112542
Hill, S.A. *see* Pigott, K.H. 120385
Hill, S.C., Chowdhury, D.Q. Models of nonlinear optics in microspheres 65449
Hill, S.C., Chylek, P. Comment on "A rigorous explanation for the resonances observed in the scattering from spherical ice particles" [and reply] 85829
Hill, S.E. *see* Sahyuna, M.R.V. 76106
Hill, S.F. Characterisation of a localised broad-band impedance phenomenon on the SRS 89983
Hill, S.L. *see* Downes, C.G. 101434
Hill, S.O. *see* Cole, B.E. 105186
Hill, W. *see* Morfouli, P. 94968
Hill, W.D. *see* Chang, A.C. 102379
Hill, W.L. *see* Morfouli, P. 94960
Hill, W.L. *see* Vogel, E.M. 63658
Hill-Cottingham, R.J. *see* Eastham, J.F. 101305
Hillard, G.B., Ferguson, D.C., Morton, T. Effect of conductive coatings on current collection by solar cells 121894
Hillard, G.B. *see* Ferguson, D.C. 121893
Hille, G., Kalla, H. Evolution with system–from the row of terminals to the WINbloc 62436
Hille, J.T. *see* Steuch, H.E. 101570
Hillebrand, R., Gosele, U. A fuzzy logic approach to HREM image analysis of III-V compounds 114616
Hillebrands, B. *see* Kleinefeld, T. 64353
Hillemann, T., Hopermann, H. Sensor fault detection for gas turbines and jet engines with uncrisp methods 111787
Hillenberg, S. *see* Thelen, D. 105059
Hillenbrand, J. *see* Calvin, H. 106718
Hillenbrand, R. *see* Deis, G. 106719
Hillenius, S.J. *see* Vuong, H.-H. 74540
Hiller, D. *see* Sochtig, J. 64780
Hiller, G. *see* Brown, B. 93808
Hiller, K. *see* Baehr, J. 69755
Hiller, P., McDonough, J. Managing turnkey test system development. I 79250
Hilleret, N. *see* Tuckmantel, J. 100498
Hilleringmam, U., Adams, S., Goser, K. Micromechanic pressure sensors with optical readout and CMOS-amplifiers on silicon 69066
Hilleringmann, U., Goser, K. Coupling of waveguides and photodetectors for microsystem applications 85329

Hilleringmann, U. *see* Muller, J. 85313
Hillery, W.J. *see* Kromat, O. 76747
Hillery, W.J. *see* Pregardier, B. 104722
Hillier, M. *see* Pakulski, G. 65192
Hillion, A. *see* Solaiman, B. 111130
Hillion, A. *see* Wilinski, P. 108612
Hillion, P. Digital plane waves 107844
Hillion, P., Weiglhofer, W.S., Lakhtakia, A. Remark on the constitutive relations of linear bi-isotropic media [and reply] 107731
Hillman, G.R. *see* Chih-Wei Chang 110690
Hillmann, W. *see* Brand, U. 79220
Hillmann-Ruge, T. *see* Schroder, H.-U. 83164
Hillmer, H. Chirped DFB gratings using bent waveguides to tailor specific laser properties 107298
Hillmer, H., Greiner, A., Steinhagen, F., Burkhard, H., Losch, R., Schlapp, W., Kuhn, T. Carrier and photon dynamics in transversally asymmetric high-speed AlGaInAs/InP MQW lasers 96343
Hillmer, H., Losch, R., Schlapp, W., Steinhagen, F., Burkhard, H. Strain-compensated MBE grown AlGaInAs/AlGaInAs/InP QWs for photonic devices 103905
Hillmer, H. *see* Marcinkevicius, S. 94521
Hillmer, H. *see* Steinhagen, F. 107283
Hillmer, H. *see* Zimmermann, M. 114772
Hillmer, H. *see* Zimmermann, R. 96426
Hills, A., Yeh, H.-Y. Using wireless technology to provide basic telephone service in the developing world 108991
Hills, J. *see* Venkatasubramanian, R. 112379
Hills, M.T. Long-distance pricing 1996: Yikes! 67636
Hills, P. *see* Fulcher, A.J. 72221
Hills, R. Cost-effectiveness of array detectors 68794
Hillson, R. Support tools for the processing graph method 97747
Hillstrom, B. *see* Kasztenny, B. 112041
Hilpert, K. *see* Kindermann, L. 81847
Hilpert, K. *see* Peck, D.H. 81834
Hils, F., Immelman, J. Migration to digital communications in process industry 88935
Hilscher, D. *see* Pausch, G. 80022
Hilscher, D. *see* Pausch, G. 100928
Hilt, A. *see* Ho-Quoc, A. 85019
Hilt, M. Office communication under the Isar-Amperwerke client/server concept in practice 87715
Hiltbrand, J.R. *see* Ferguson, S.M. 79779
Hiltgen, A.P., Paterson, K.G., Brandestini, M. Single-track Gray codes 66326
Hiltgen, A.P., Paterson, K.G., Brandestini, M. Single-track Gray codes 97557
Hilton, A., Stoddart, A.J., Illingworth, J., Windeatt, T. Reliable surface reconstruction from multiple range images 67230
Hilton, A.D., Ricketts, B.W. Dielectric properties of $Ba_{1-x}Sr_xTiO_3$ ceramics 64088
Hilton, G.C. *see* Irwin, K.D. 110631
Hilton, G.S. *see* Izzat, N. 85898
Hilton, G.S. *see* Rostbakken, O. 108053
Hilton, K.P. *see* Bourke, M.M. 63300
Hilton, K.P. *see* Jones, K.A. 63607
Hiltunen, J. *see* Lenz, R. 98018
Him Wong Shun *see* Shun Him Wong
Himanen, R. *see* Nikula, E. 111743
Himbeeck, C.van *see* van Himbeeck, C.
Himbergen, J.E.van *see* van Himbergen, J.E.
Himdi, M. *see* Cailloce, Y. 76577
Himdi, M. *see* El Yazidi, M. 65988
Himdi, M. *see* Thouroude, D. 85970
Himebaugh, F.G. *see* Patel, B. 81973
Himel, T. *see* Hendrickson, L. 100556
Himeno, A., Yamaguchi, M. Recent progress on silica-based optical switches and free-space optical switches 88055
Himeno, A. *see* Abe, M. 64796
Himeno, A. *see* Okamoto, K. 99474
Himeno, T., Hazama, H., Sakui, K., Kanda, K., Itoh, Y., Miyamoto, J. A quick address detection of an anomalous memory cell for flash EEPROM 113955
Himeshima, I., Enomoto, A., Hara, T., Fujine, T., Satou, Y., Kitaya, T., Kimura, T. Development of thin film laminated head for digital VTR 75239
Himezawa, H. *see* Kambe, Y. 79397
Himle, J. Off-track testing to evaluate ESD damage to MR heads 115722
Himmel, J.S. *see* Kosinski, J.A. 106416
Himmelbauer, M., Arenholz, E., Baeuerle, D. Single-shot UV-laser ablation of polyimide with variable pulse lengths 104183
Himmelblau, D.M. *see* Bushman, S. 63399
Himmelstoss, F.A., Edelmoser, K.H., Anselmi, C.C. Analysis of a quality class-D amplifier 104363
Himonas, S.D. *see* Prastitis, L.A. 109721
Himono, Y. *see* Hiwa, N. 91927
Himpsel, F.J. *see* Sutherland, D.G.J. 84146
Himwich, A. *see* McCord, D. 67771
Hin Leung Ka *see* Ka Hin Leung
Hinada, M. *see* Masaki, T. 79647
Hinamoto, T., Doi, A. A technique for the design of 2-D recursive digital filters with guaranteed stability 66773
Hinamoto, T., Doi, A., Muneyasu, M. 2-D adaptive state-space filters based on the Fornasini-Marchesini second model 73565
Hinamoto, T., Harada, K. Design of 3-D separable-denominator digital filters using minimal decomposition and balanced realization 83220
Hinamoto, T., Karino, S., Kuroda, N. Error spectrum shaping in 2-D state-space digital filters using error diagonal feedback 114111
Hinamoto, T. *see* Muneyasu, M. 87191
Hinamoto, T. *see* Muneyasu, M. 114105
Hinata, J. *see* Shimizu, T. 73431
Hinata, T. *see* Krasinski, Z. 76386
Hinaus, B. *see* Eckstein, J.N. 72852
Hinaus, B.M., Rzchowski, M.S., Heinig, N., Cai, X.Y., Kaiser, D.L. Phase-sensitive tunneling measurements in a bulk $YBa_2Cu_3O_{7-\delta}$ DC SQUID 115928
Hinaus, B.M. *see* Davidson, B.A. 75355
Hinchley, D.A., Palmer, P.R. The evolution of the MOS and Bipolar Gate Thyristor 74713
Hinden, R.M. IP next generation overview 87406
Hindi, H. *see* Teytelman, D. 100523
Hindkaer, L., Mentz, H., Mortensen, T.I., Ries, K., Ritchie, E., Thor, C.Y.B. Transient model of a self controlled brushless synchronous generator 111907
Hindson, W.S. *see* Aiken, E.W. 120620
Hine, N.A., Wilkinson, D., Gordon, I.A.S., Arnott, J.L. An adaptable user interface to a multimedia telecommunications conversation service for people with disabilities 118641
Hinedi, S. *see* Sadr, R. 73497
Hines, D. *see* Vandemark, D. 120874
Hines, E.L. *see* Gardner, J.W. 89190
Hines, H. *see* Nellemann, P. 101337
Hines, J. *see* Desta, Y.M. 79593
Hines, J.W., Miller, D.W., Hajek, B.K. A hybrid approach for detecting and isolating faults in nuclear power plant interacting systems 111748
Hines, K.M., Barker, D. The effect of metal vias on the mechanical properties of cofired ceramics 82245
Hines, K.P. *see* Clark, P.P. 76286
Hines, W.A. *see* Shen, N.X. 64321
Hines, W.A. *see* Zhang, Y.D. 64217
Hing Lam Wong *see* Wong Hing Lam
Hing Wong *see* Kirihata, T. 61897
Hing Wong *see* Kirihata, T. 93380
Hing Wong *see* Watanabe, Y. 61898
Hing Wong *see* Watanabe, Y. 93381
Hing-Yan To, Ismail, M. Mismatch modeling and characterization of bipolar transistors for statistical CAD 84317
Hing-Yan To, Michael, C., Ismail, M. Worst case analysis of low-voltage analog MOS integrated circuits 73134
Hing-Yan To, Waisum Wong A flexible parameter mismatch sensitivity analysis for VLSI design 106230
Hingst, T. *see* Fitting, H.-J. 73948
Hingst, Th. *see* Fitting, H.-J. 83711
Hink, P.L. *see* Doty, F.P. 101211
Hinkers, H. *see* Steinkuhl, R. 120272
Hinkle, J.D. *see* Peterson, L.D. 78638
Hinkle, L.D., Uttaro, F.L. Primary and transfer standards for vacuum and mass flow in an industrial calibration facility 99823
Hinkley, D.A. *see* Beck, S.M. 88711
Hino, K. *see* Yoshioka, Y. 71467
Hino, S., Togashi, M., Ino, M., Akazawa, Y., Tomimuro, H., Nishikido, J., Yamasaki, K., Yukimatsu, K.-I. Switching fabrics using multi-Gb/s optical interconnection 78327
Hino, S. *see* Yamaguchi, S. 94138
Hino, T. Temperature decrease caused by voltage generation in metal-insulator-metal structure of polyimide Langmuir-Blodgett insulating film: possibility of a new phenomenon of energy conversion 63182
Hino, T. *see* Young-Soo Kwon 74507
Hinode, F., Hayano, H., Tejima, M., Terunuma, N., Urakawa, J. A beam test of button-type beam position monitor for the ATF damping ring 100582
Hinode, F., Sakanaka, S. Development of a beam-pipe HOM absorber for the ATF damping ring 100670
Hinode, F. *see* Sakanaka, S. 100681
Hinode, F. *see* Sakanaka, S. 100682
Hinode, K., Homma, Y., Sasaki, Y. Whiskers grown on aluminum thin films during heat treatments 94831
Hinode, K., Kondo, S., Deguchi, O. Number of voids formed on a line: parameter for electromigration lifetime 63111
Hinohara, K., Nakamura, K., Kobayashi, T., Miyata, T. Relationship between applied voltage to cause discharge and movement of carriers for rhodium-plated contact reed switches 62434
Hinrichs, C.H. *see* Davis, P.R. 73952
Hinrichsen, G. *see* Nyilas, A. 103426
Hinrichsen, P.F. *see* Houdayer, A.J. 107016
Hinrichsen, V., Kirch, J., Reichelt, K. Medium-voltage divertors in compensated networks–operational behaviour, state of the art and standardisation 91223
Hinsberger, U. *see* Noth, W. 93297
Hinsch, A. *see* Varol, H.S. 75676
Hinsch, E., Jaegemann, A., Roper, I.C., Lan Wang The Secure Conferencing User Agent. A tool to provide secure conferencing with MBONE multimedia conferencing applications 78133
Hinschberger, B. *see* Hammons, T.J. 102049
Hinshelwood, D.D., Fisher, R.C., Greenly, J.B., Neri, J.M., Oliver, B.V., Ottinger, P.F., Rose, D.V., Stephanakis, S.J., Young, F.C. Operation of an extraction, applied-B diode using an externally-driven, metallic foil anode plasma source 69638
Hinshelwood, D.D. *see* Young, F.C. 120123
Hinterberger, F. *see* Albers, D. 69756
Hinterberger, F. *see* Eversheim, P.D. 69606
Hinteregger, H., Muftu, S. Contact tape recording with a flat head contour 115729
Hinterlong, S.J. *see* Lentine, A.L. 99018
Hinton, B., Baxter, R. Designing enclosures to minimize EMI/RFI 97154
Hinton, G.E. *see* Frey, B.J. 86081
Hinton, H.S. Optical intelligence 82205
Hinton, H.S. Progress in the smart pixel technologies 85331
Hinton, H.S., Devenport, K.E., Plant, D.V., Szymanski, T.H. Intelligent optical backplanes 72304
Hinton, H.S. *see* Goodwill, D.J. 99030
Hinton, H.S. *see* Plant, D.V. 85326
Hinton, H.S. *see* Plant, D.V. 96050
Hinton, K. Modelling system performance effects of high speed laser diodes transition dynamics 75974
Hinton, K. Estimating the output field of a directly modulated laser diode 96286
Hinton, O. Underwater acoustic telemetry for AUVs 67723
Hinton, O.R. *see* Adams, A.E. 90732
Hintz, G. *see* Achterberg, N. 62653
Hintz, K.J. *see* McIntyre, G.A. 117354
Hintz, K.J. *see* Zhang, Z. 117353
Hintz, T.R. Tools and tips for developing a World Wide Web site on the Internet 118353
Hinuber, E.Von *see* Von Hinuber, E.
Hinz, H.-J. *see* El-Sayed, M.A.H. 121012
Hinz, T. *see* Menke, F. 69463
Hioe, W. *see* Hosoya, M. 115914
Hioki, I. *see* Yamagata, Y. 81594
Hioki, I. *see* Yamagata, Y. 81596
Hiota, T. *see* Ohmura, T. 68857
Hipp, E. Benefits of commercial fleet management–the PROMETHEUS results 99291
Hipple, R. *see* Abraham, W. 89701
Hipple, R. *see* Yu, S. 89736
Hippmann, H. *see* Brauninger, H. 90702
Hiptmair, R., Schiekofer, T., Wohlmuth, B. Multilevel preconditioned augmented Lagrangian techniques for 2nd order mixed problems 82565
Hipwood, L.G. *see* Baker, I.M. 89089
Hir-Ming Shieh *see* Ming-Jer Kao 95036
Hira, A. *see* Nha Chu, D. 61090
Hira, G. *see* Talisa, S.H. 84929
Hira, M., Miyaji, H., Ogawa, K., Kurazono, S. Radiation characteristics of planar inverted F antennas with a slit 117033
Hira, R. Undergraduate engineering education curriculum and educational research 92082
Hirabayashi, A. *see* Sumida, H. 63634
Hirabayashi, A. *see* Sumida, H. 95005
Hirabayashi, A. *see* Sumida, H. 105902
Hirabayashi, H. Status of high temperature superconductor development for accelerator magnets 120036
Hirabayashi, H. *see* Kim, S.W. 95406
Hirabayashi, H. *see* Kimura, A. 95602
Hirabayashi, H. *see* Naihao Song 89627
Hirabayashi, H. *see* Nishibori, T. 66065
Hirabayashi, H. *see* Nishibori, T. 76603
Hirabayashi, H. *see* Yamamoto, A. 89625
Hirabayashi, H. *see* Yamaoka, H. 90189
Hirabayashi, I. *see* Yoshida, Y. 92698
Hirabayashi, I. *see* Yoshikawa, K. 84872
Hirabayashi, K. Hazard simulation of sequential circuits 83094
Hirabayashi, K. Relationship between optical and electrical properties of liquid-crystal optical devices 116127
Hirabayashi, K. *see* Tsuda, H. 64823
Hirabayashi, K. *see* Yamamoto, T. 78320
Hirabayashi, Y., Misawa, S., Yoshida, S. The effect of atmospheric and HIP annealing on spectral response of 3C-SiC pn photodiode 106980
Hirachi, K., Iwade, T., Mii, T., Yasutsune, H., Nakaoka, M. Improved control strategy on buck-type converter with power factor correction scheme 121565
Hirachi, K. *see* Nishimura, T.H. 120515
Hirade, S., Inoue, Y., Yamaha, T., Hanagasaki, O., Hotta, T. Influence of titanium film on MOS transistor characteristics in annealing process 94987
Hirade, T. *see* Ohyama, O. 121810
Hirae, S. *see* Sakai, T. 83863
Hiraga, T. *see* Ara, K. 69394
Hirahara, A.S. *see* Berkowitz, S.J. 115962
Hirahara, A.S. *see* Mallison, W.H. 75363
Hirai, H. *see* Yamaguchi, T. 64406
Hirai, H. *see* Yoshida, S. 64400
Hirai, J. *see* Kawamura, A. 71539
Hirai, K. *see* Maekawa, T. 111475
Hirai, K. *see* Sakaguchi, M. 74542
Hirai, K. *see* Sakaguchi, M. 105555
Hirai, M., Miyatake, M., Kusaka, M., Iwami, M. PECVD growth of a-$Si_{1-x}C_x$:H thin film on Si(111) substrates by ion species 113478
Hirai, M., Ohnishi, H., Fujita, K., Watanabe, T. Thermal stability of beryllium atoms in Be δ-doped GaAs grown on GaAs(111)A by molecular beam epitaxy 82607

Hirai, M. *see* Fujita, K. 61295
Hirai, M. *see* Jikimoto, T. 105464
Hirai, N. *see* Shinoda, M. 109934
Hirai, S., Furukawa, Y. Guideline for efficient and precise anisotropic etching conditions 74877
Hirai, T., Shindo, K., Ogata, T. Charge and discharge characteristics of thermochargeable galvanic cells with an $[Fe(CN)_6]^{4-}/[Fe(CN)_6]^{3-}$ redox couple 71619
Hirai, T., Teramoto, K., Nagashima, K., Koike, H., Matsuno, S., Tanimoto, S., Tarui, Y. Crystal and electrical characterizations of oriented yttria-stabilized zirconia buffer layer for the metal/ferroelectric/insulator/semiconductor field-effect transistor 94966
Hirai, T. *see* Awaji, S. 95404
Hirai, T. *see* Hori, A. 84061
Hirai, T. *see* Kamagami, S. 89391
Hirai, T. *see* Kato, N. 91711
Hirai, T. *see* Kaya, K. 72837
Hirai, T. *see* Kubota, M. 99753
Hirai, T. *see* Kubota, M. 109902
Hirai, T. *see* Mita, S. 75261
Hirai, T. *see* Nakano, Y. 119739
Hirai, T. *see* Sakurada, S. 64222
Hirai, T. *see* Sawai, T. 83508
Hirai, T. *see* Uda, H. 88199
Hirai, T. *see* Uda, H. 88231
Hirai, Y., Niiyama, S., Ooi, Y., Kumai, H., Wakabayashi, T., Gunjima, T. Recent developments in polymer-dispersed LCDs 89447
Hirai, Y. *see* Hirano, N. 89257
Hirai, Y. *see* Kumai, H. 95853
Hirai, Y. *see* Nanto, H. 85265
Hirai, Y. *see* Okumura, F. 100198
Hirai, Y. *see* Suzuki, T. 89293
Hiraishi, H. Time-space modal logic for verification of bit-slice circuits 61718
Hiraishi, K. *see* Mizuno, K. 102800
Hiraiwa, A., Ogasawara, M., Natsuaki, N., Itoh, Y., Iwai, H. Statistical modeling of dynamic random access memory data retention characteristics 104545
Hiraiwa, K. *see* Shimizu, H. 116494
Hiraiwa, N. *see* Hara, T. 102162
Hiraiwa, S., Kohda, Y. Info-Plaza: A social information filtering system for the World-Wide Web 87743
Hirakata, N. *see* Okada, Y. 68253
Hirakawa, I. *see* Takahashi, C. 78489
Hirakawa, K., Wilke, I., Yamanaka, K., Roskos, H.G., Vosseburger, M., Wolter, F., Waschke, C., Kurz, H., Grayson, M., Tsui, D.C. Coherent submillimeter-wave emission from non-equilibrium two-dimensional free carrier plasmas in AlGaAs/GaAs heterojunctions 105263
Hirakawa, K. *see* Sakamoto, H. 91849
Hirakawa, K. *see* Sekine, N. 75689
Hirakawa, K. *see* Umeda, T. 73518
Hirakawa, K. *see* Vosseburger, M. 62814
Hirakawa, K. *see* Vosseburger, M. 114726
Hirakawa, K. *see* Wang, S. 114779
Hirakawa, K. *see* Zheng, X.G. 64502
Hirakawa, M. *see* Matsuo, H. 90613
Hirakawa, N. *see* Baba, M. 90114
Hirakawa, N. *see* Matsuyama, S. 69843
Hirakawa, T., Tanahashi, S., Terasawa, M. Pre-attached chip capacitors for ceramic packages 82247
Hirakawa, T. *see* Shimizu, K. 87959
Hirakawa, Y. *see* Harashima, K. 93049
Hirakawa, Y. *see* Higaki, H. 87418
Hirakawa, Y. *see* Otomo, K. 87455
Hiraki, A. *see* Higa, A. 61262
Hiraki, A. *see* Jiang, N. 94233
Hiraki, A. *see* Won, J.H. 61374
Hiraki, E. *see* Hamada, S. 121573
Hiraki, E. *see* Okamura, Y. 91794
Hiraki, K., Takano, M., Nagai, N., Hanaki, M. Evaluation of network configuration identification for decentralized communication systems 77886
Hiraki, K. *see* Motomura, K. 98776
Hirako, M., Sato, Y., Ishikawa, N. SDH optical transmission system to provide enhanced reliability and improved economy 88467
Hirakoshi, H., Sandoh, H. A study on the number of spare sectors in a hard disk 84822
Hirama, T. *see* Sugihara, O. 96670
Hiramatsu, K., Ohnishi, H., Takahama, T., Yamanishi, K.-I. Formation of TiN films with low Cl concentration by pulsed plasma chemical vapor deposition 82729
Hiramatsu, K. *see* Detchprohm, T. 104064
Hiramatsu, K. *see* Kaneda, N. 63245
Hiramatsu, K. *see* Sugiura, T. 62728
Hiramatsu, M., Inayoshi, M., Yamada, K., Mizuno, E., Nawata, M., Ikeda, M., Hori, M., Goto, T. Hydrogen-radical-assisted radio-frequency plasma-enhanced chemical vapor deposition system for diamond formation 72952
Hiramatsu, M. *see* Ikeda, M. 113467
Hiramatsu, S. *see* Ebihara, K. 110482
Hiramatsu, S. *see* Saito, K. 96518
Hiramatsu, S. *see* Tokuchi, A. 91640
Hiramatsu, Y. *see* Koyama, M. 98993
Hiramoto, K., Tadokoro, M., Hirota, J.I., Nishi, M., Noda, K. Energy varying resonant beam extraction from the synchrotron 79909
Hiramoto, K. *see* Hirota, J.I. 100675
Hiramoto, K. *see* Shinoda, K. 75920
Hiramoto, K. *see* Shinoda, K. 116496
Hiramoto, M., Sakata, Y., Yokoyama, M. Patterned emission in organic electroluminescent device using photodecomposition of polysilane film by UV light 116247
Hiramoto, T. *see* Ishikuro, H. 74722
Hirane, Y. *see* Hikihara, T. 81974
Hirano, A. *see* Kataoka, T. 68519
Hirano, A. *see* Sano, A. 78876
Hirano, A. *see* Sugiyama, A. 114092
Hirano, H., Honda, T., Chaya, S., Fukumoto, T., Sumi, T. 2 V/120 ns embedded flash EEPROM circuit technology 93366
Hirano, H. *see* Kuramoto, K. 113481
Hirano, I. *see* Takubo, Y. 99806
Hirano, K., Wang, Y.L., Emoto, T., Enomoto, A., Sato, L. Development of a high power 1.2 MW CW L-band klystron 94189
Hirano, K. *see* Yamamura, T. 81826
Hirano, M., Shiozawa, T., Kinouchi, Y., Suzuki, T. Large-scale distributed control node in the advanced intelligent network 78144
Hirano, M., Suzuki, T., Shiozawa, T., Honishi, T., Kinouchi, Y. Distributed processing service control node in the advanced intelligent network 98837
Hirano, M., Tamakoshi, T. An analytical study on excitation of nuclear-coupled thermal hydraulic instability due to seismically induced resonance in BWR 81252
Hirano, M. *see* Mizukami, M. 84986
Hirano, M. *see* Mizukami, M. 116054
Hirano, M. *see* Onodera, K. 93878
Hirano, M. *see* Zeng, H.C. 61143
Hirano, N., Ikeda, N., Nishida, S., Kaneko, S. A 33-cm-diagonal high-resolution TFT-LCD with fully self-aligned a-Si TFTs 119818
Hirano, N., Ikeda, N., Yamaguchi, H., Nishida, S., Hirai, Y., Kaneko, S. A 33 cm-diagonal high-resolution multi-color TFT-LCD with fully self-aligned a-Si:H TFTs 89257
Hirano, N. *see* Doi, K. 82233
Hirano, N. *see* Kobari, T. 100406
Hirano, N. *see* Mito, T. 95525
Hirano, N. *see* Nagaya, S. 82822
Hirano, S., Gotou, Y., Hasimoto, M., Imaeda, Y., Iwata, H., Takeda, N., Sibuya, M., Mutuga, N. Application of a pressure sensor chip for intraoperative micro movement detector 69932
Hirano, S., Hayahara, E. Filter circuit realization with single operational amplifier and LCR elements and its application for all pass response 73545
Hirano, S. *see* Fujita, M. 109932
Hirano, S. *see* Gheyas, S.I. 104032
Hirano, S. *see* Gheyas, S.I. 105581
Hirano, S. *see* Ishii, H. 84860
Hirano, S. *see* Ishii, H. 95446
Hirano, S. *see* Ono, S. 82709
Hirano, S. *see* Sakamoto, Y. 71649
Hirano, T., Kanemaru, S., Itoh, J. A new metal-oxide-semiconductor field-effect-transistor-structured Si field emitter tip 83754
Hirano, T., Saegusa, T., Noda, A. High frequency accurate band-pass filter using exponential smoothing difference 66683
Hirano, T., Shinozaki, G., Abe, J., Kuga, T. Investigating statistical properties of light from high efficiency light emitting diodes 116251
Hirano, T. *see* Itoh, J. 105014
Hirano, T. *see* Kanemaru, S. 73991
Hirano, T. *see* Kanemaru, S. 83725
Hirano, T. *see* Kanemaru, S. 83726
Hirano, T. *see* Koitabashi, M. 83722
Hirano, T. *see* Kono, K. 76176
Hirano, T. *see* Py, C. 74011
Hirano, T. *see* Yamamoto, T. 106503
Hirano, Y. *see* Gotoh, K. 94176
Hirano, Y. *see* Hiroyama, Y. 74101
Hirano, Y. *see* Ji, H. 71346
Hirano, Y. *see* Katoh, T. 103837
Hirano, Y. *see* Yamazaki, T. 78597
Hirao, K. Photonics glass for PHB holographic memory 75407
Hirao, M., Kusama, H., Saitou, T., Kataoka, N., Kanda, Y., Tanabe, M. Low-cost type electronic airbag control unit 71867
Hirao, M. *see* Murayama, R. 113562
Hirao, T. *see* Deguchi, M. 84713
Hirao, T. *see* Fujii, S. 69179
Hirao, T. *see* Goto, M. 104087
Hirao, T. *see* Jiang, N. 94233
Hirao, T. *see* Kanno, I. 92858
Hirao, T. *see* Koike, T. 106633
Hirao, T. *see* Nashiyama, I. 111032
Hirao, T. *see* Takao, T. 102604
Hirao, T. *see* Watabe, K. 106210
Hirao, T. *see* Yoshida, A. 94784
Hirao, T. *see* Yoshida, K. 107460
Hiraoka, A. *see* Yano, F. 105625
Hiraoka, H. *see* Sze Keung Lor 76122
Hiraoka, I. *see* Kounos, T. 99565
Hiraoka, K. *see* Kumakura, T. 91342
Hiraoka, M. *see* Fukunaga, T. 84870
Hiraoka, M. *see* Katagiri, K. 64521
Hiraoka, M. *see* Nagata, Y. 80455
Hiraoka, M. *see* Shinohara, Y. 73486
Hiraoka, M. *see* Yuhya, S. 84919
Hiraoka, Y. *see* Kikuchi, S. 98080
Hirasaka, H., Tanaka, A., Nomura, K., Fukuda, S. An adaptive equalizer for the partial response Class I channel used by DDS3 115816
Hirasaka, M. *see* Nakai, J. 106528
Hirasawa, H. *see* Nemoto, T. 109275
Hirasawa, K. *see* Asai, N. 92597
Hirasawa, K. *see* Koga, M. 103705
Hirasawa, K. *see* Morishita, H. 66104
Hirasawa, K. *see* Morishita, H. 85985
Hirasawa, N., Ikata, O., Hashimoto, K., Mineyoshi, S., Ueda, M., Fukushima, N., Omori, H. Development of SAW filters for high frequency and high power application 95330
Hirasawa, S. *see* Matsushima, T. 66438
Hirasawa, S. *see* Matsushima, T.K. 117166
Hirasawa, S. *see* Ogino, A. 97477
Hirasawa, S. *see* Ohashi, N. 63438
Hirashima, H. *see* Horinouchi, S. 85674
Hirashima, H. *see* Horinouchi, S. 116724
Hirata, A., Kominami, M., Kusaka, H. Analytical modeling and simulation of the indoor radio propagation channel 76432
Hirata, A., Tsumori, H., Hoshino, H., Yoshikawa, M. Diamond synthesis by magnetic field assisted arc discharge plasma jet CVD 82745
Hirata, D. *see* Sugino, T. 63106
Hirata, D. *see* Takahashi, N. 63317
Hirata, G.A., McKittrick, J., Siqueiros, J., Lopez, O.A., Cheeks, T., Contreras, O., Yi, J.Y. High transmittance-low resistivity ZnO:Ga films by laser ablation 82717
Hirata, G.A. *see* Avalos-Borja, M. 104152
Hirata, H. *see* Tazawa, I. 95160
Hirata, J. *see* Tanaka, Y. 89352
Hirata, K., Goto, H., Nakamura, O., Yoshida, F., Nagasaki, O., Nagata, T., Iguchi, M., Kozuka, Y., Tomari, J. Long-term reliability verification of pad-mounted distribution equipment 70853
Hirata, K., Nakamura, O., Gocho, Y. External impact tests on communication systems for distribution automation 70857
Hirata, K., Nakamura, O., Horino, W., Nakano, H. Development of a digital computing watthour meter 69374
Hirata, K., Ohmi, K., Toge, N. A study of beam-beam interactions at finite crossing angles for a B-factory 89831
Hirata, K. *see* Asada, H. 79622
Hirata, K. *see* Houjoh, H. 100343
Hirata, K. *see* Matsushima, K. 107135
Hirata, K. *see* Mitsutake, Y. 107812
Hirata, K. *see* Okumura, F. 100198
Hirata, K. *see* Shinozaki, K. 70855
Hirata, K. *see* Yoshitake, A. 107823
Hirata, K. *see* Zi-Jiang Yang 91570
Hirata, K.S. *see* Kasuga, S. 80014
Hirata, M. Influence of synchronous axial vibration on the performance of a spinning rotor gauge 94158
Hirata, M. *see* Nagasaki, T. 86869
Hirata, M. *see* Sakamoto, Y. 71649
Hirata, N. *see* Kosaki, M. 81096
Hirata, S., Ishii, Y., Matoba, H., Inui, T. An ink-jet head using diaphragm microactuator 74960
Hirata, S., Nakajima, A., Uesaka, H. PDC mobile packet data communication network 68272
Hirata, S., Tamaki, T., Arayama, K. Challenges of NetWare 4.1J 67830
Hirata, S. *see* Nonomura, S. 94382
Hirata, S. *see* Yosoi, M. 120231
Hirata, T. *see* Iso, N. 115308
Hirata, Y., Kuriki, S. Modular middle-scale SQUID magnetometer system for neuromagnetic research 120311
Hirata, Y. *see* Sakanaka, S. 100681
Hirataka, T. *see* Tsuji, S. 95687
Hirate, T. *see* Takeuchi, F. 82261
Hiratsuka, H. *see* Kusunoki, A. 71676
Hiratsuka, K. *see* Morimoto, T. 104898
Hiratsuka, K. *see* Toyama, T. 94383
Hiratsuka, M. *see* Aoki, T. 73893
Hiratsuka, T. *see* Ishikawa, Y. 73664
Hirayama, H., Hamano, T., Aoyagi, Y. Novel surface emitting laser diode using photonic band-gap crystal cavity 96274
Hirayama, H., Kinjo, H., Mizuno, Y., Shudo, K., Kawase, S., Nakagawa, N., Nishima, R., Hirohata, N. Dynamic drum (DD) tracking system for consumer VCRs 109928
Hirayama, H., Watanabe, K., Kawada, M. Doping dependence of second harmonic generation from native oxide/Si(111) interfaces 107595
Hirayama, H. *see* Kinjo, H. 79186
Hirayama, H. *see* Tani, T. 112057
Hirayama, I. *see* Eguchi, N. 111567
Hirayama, M. *see* Ezawa, H. 80081
Hirayama, M. *see* Ezawa, H. 100931
Hirayama, M. *see* Kobayashi, K. 63286
Hirayama, M. *see* Matsui, Y. 104537
Hirayama, M. *see* Teramoto, A. 93391
Hirayama, M. *see* Wada, T. 94864
Hirayama, M. *see* Wakamiya, W. 115039
Hirayama, Y. Formation of two-dimensional electron and hole gases in undoped $Al_xGa_{1-x}As/GaAs$ heterostructures 83908
Hirayama, Y. Gate-controlled lateral diodes formed in undoped heterostructure 114713
Hirayama, Y., Futamoto, M., Kimoto, K., Usami, K. Compositional microstructures of CoCr-alloy perpendicular magnetic recording media 115769

Hirayama, Y. *see* Fontamoto, M. 115765
Hirayama, Y. *see* Nolan, T.P. 64455
Hirayama, Y. *see* Shimizu, H. 116494
Hirayama, Y. *see* Yamashita, A. 108569
Hirayama, Y. *see* Yoshida, K. 75227
Hirche, K. *see* Weigel, K. 106073
Hird, R. *see* Tweedy, J. 90973
Hiregange, A., Subramaniyan, R., Srinivasa, N. 1D FFT and 2D DCT routines for the Motorola DSP56100 family 98098
Hiregange, A. *see* Kamaraj, K. 88002
Hiregange, A. *see* Sancheti, N.K. 98953
Hiregange, A. *see* Subramaniyan, R. 86286
Hiriyannaiah, H.P., Satyaranjan, M., Ramakrishnan, K.R. Reconstruction from incomplete data in cone-beam tomography 117764
Hirji, K.K. *see* Hauptman, O. 60579
Hirko, R.G. *see* Klaassen, K.B. 115659
Hirleman, D. *see* Huff, H.R. 63858
Hirleman, E.D. *see* Nebeker, B.M. 84510
Hirleman, E.D. *see* Nebeker, B.M. 112989
Hirleman, E.D. *see* Starr, G.W. 112986
Hirleman, E.Dan *see* Dan Hirleman, E.
Hirler, F. *see* Laska, T. 106001
Hirler, H.-P. *see* Klenk, M. 96423
Hirlimann, C. *see* Lami, J.-F. 94362
Hirning, C.R. Selection of a new dosimetry system: one utility's experience 110978
Hirning, C.R. *see* Horowitz, Y.S. 69870
Hiroe, Y. *see* Ohishi, M. 74226
Hirogaki, T. *see* Aoyama, E. 62486
Hirogaki, T. *see* Aoyama, E. 62487
Hirohata, N., Mizuno, Y., Shudo, K., Kawase, S. Development of dynamic drum control system for VCR 119502
Hirohata, N. *see* Hirayama, H. 109928
Hirohata, T. *see* Niigaki, M. 94208
Hiroishi, A. *see* Maeda, F. 91959
Hirokawa, J., Ando, M., Goto, N., Uematsu, M. Low-profile mobile DBS receiving system using a single-layer slotted leaky waveguide array 76644
Hirokawa, J. *see* Min, K.-S. 76654
Hirokawa, J. *see* Sakakibara, K. 66170
Hirokawa, J. *see* Sakakibara, K. 108078
Hirokawa, K., Itoh, K., Ichioka, Y. Real-time optical wavelet-transform with joint transform correlator 87243
Hirokawa, K. *see* Hayakawa, Y. 64197
Hirokawa, T., Negishi, H., Nishimura, Y., Ichikawa, S., Tanaka, J., Kimura, T., Watanabe, K., Nashimoto, Y. A Ku-band ultra super low-noise pseudomorphic heterojunction FET in a hollow plastic PKG 93803
Hirokawa, T. *see* Kikuiri, N. 94870
Hiroki, T. *see* Nishimura, N. 75175
Hirokoshi, Y. *see* Yamada, T. 82702
Hiromoto, N., Fujiwara, M. Hole mobility in Ge:Ga far-infrared photoconductive semiconductors at low temperatures 114561
Hiromoto, N. *see* Fujiwara, M. 69156
Hironaka, K. *see* Komaki, A. 91717
Hironaka, Y. *see* Ohmori, Y. 96018
Hironishi, K. *see* Kuroyanagi, S. 88045
Hirono, H., Horie, K., Toba, Y., Sakota, M., Kitajima, K. SPC system for coil preparation and coating line of aluminum 112879
Hirono, J., Saito, M., Kamise, C. Digital terrestrial television broadcasting with OFDM–a study on the performance of single frequency networks 119362
Hirono, S., Koshimoto, Y., Umemura, S., Igarashi, M., Maeda, Y. Control of the compositionally separated microstructure of Co-Cr films prepared by electron cyclotron resonance plasma sputtering 115489
Hirono, S. *see* Hayashi, T. 95371
Hirono, S. *see* Yamamoto, S. 115772
Hirono, T., Kurosaki, T., Fukuda, M. Transition from the lowest linewidth mode operation to coherence collapse in a semiconductor laser with feedback from a distant reflector 65280
Hirono, T. *see* Kuroda, K. 109016
Hirono, T. *see* Seki, S. 96292
Hirosawa, H. *see* Kobayashi, N. 68604
Hirosawa, H. *see* Maruyama, K. 100989
Hirosawa, S. *see* Mashimo, T. 84840
Hirose, A., Eckmiller, R. Behavior control of coherent-type neural networks by carrier-frequency modulation 83294
Hirose, A., Eckmiller, R. Coherent optical neural networks 106896
Hirose, H. *see* Yamamoto, T. 98895
Hirose, J. *see* Shimizu, T. 102870
Hirose, K. *see* Higashi, S. 80878
Hirose, M. High-integrity, ultra-thin gate oxides for advanced ULSI 84149
Hirose, M., Miyake, M. Exact analytical expression of electromagnetic field of linear distribution of current on triangular patch 108008
Hirose, M. *see* Alay, J.L. 94607
Hirose, M. *see* Hayakawa, N. 75007
Hirose, M. *see* Ishiguro, H. 75416
Hirose, M. *see* Jun Xu 63244
Hirose, M. *see* Jun Xu 72910
Hirose, M. *see* Jun Xu 82750
Hirose, M. *see* Jun Xu 92839
Hirose, M. *see* Jun Xu 113473
Hirose, M. *see* Miyoshi, Y. 92891
Hirose, M. *see* Murayama, K. 64912
Hirose, M. *see* Murayama, K. 94513
Hirose, M. *see* Noguchi, K. 68231
Hirose, M. *see* Ohmura, M. 94283
Hirose, M. *see* Okamoto, K. 63501
Hirose, M. *see* Wakita, M. 102182
Hirose, M. *see* Yamaguchi, Y. 93358
Hirose, M. *see* Yamashita, K. 94685
Hirose, M. *see* Yamazaki, T. 63303
Hirose, M. *see* Yoshida, Y. 91106
Hirose, M.-N. *see* Noguchi, K. 117024
Hirose, N. *see* Matsui, T. 85983
Hirose, S., Aoyagi, M., Tomikawa, Y., Takahashi, S., Uchino, K. High power characteristics at antiresonance frequency of piezoelectric transducers 101601
Hirose, S., Magami, N., Takahashi, S. Piezoelectric ceramic transformer using piezoelectric lateral effect on input and on output 84716
Hirose, T., Morita, H., Miyoshi, J., Ikeuchi, N. Modeling and simulation of mobile communication systems using an object-oriented approach 99384
Hirose, T., Watanabe, T., Yamaguchi, A. Hybrid IC design system 62501
Hirose, T. *see* Fujita, M. 103137
Hirose, T. *see* Haraguchi, Y. 93353
Hirose, T. *see* Hazumi, M. 100854
Hirose, T. *see* Masui, S. 118472
Hirose, T. *see* Okugi, T. 100782
Hirose, T. *see* Otsuka, A. 89274
Hirose, T. *see* Ozue, T. 115789
Hirose, T. *see* Pax, P. 99179
Hirose, T. *see* Tsuboyama, T. 100836
Hirose, T. *see* Yamamoto, M. 84613
Hirose, T. *see* Yamamoto, M. 100234
Hirose, Y. *see* Goto, T. 83384
Hirose, Y. *see* Ishizawa, Y. 79175
Hiroshi, F. *see* Mikihiko, K. 104198
Hiroshi Fujii, Noburou Taniguchi, Yasushi Yamanaka Scrambling digital images for distribution through networks 87949
Hiroshige, M. *see* Miyanaga, Y. 97800
Hiroshima, H. *see* Wada, T. 94864
Hiroshima, M. *see* Ono, K. 119817
Hiroshima, Y. *see* Ito, T. 87195
Hirota, A., Yasui, H., Ohsawa, Y., Arai, K., Miyama, M. Simulated experimental study on wind/diesel hybrid generation system 81362
Hirota, E. *see* Nakagawa, Y. 118603
Hirota, I. *see* Imai, T. 103166
Hirota, I. *see* Izaki, K. 91966
Hirota, J. *see* Kamagami, S. 89391
Hirota, J.I., Hiramoto, K., Nishi, M., Iwashita, Y., Noda, A., Inoue, M. A ferrite loaded untuned cavity for a compact proton synchrotron 100675
Hirota, J.I. *see* Hiramoto, K. 79909
Hirota, K., Hosoda, M., Tai, K., Joglekar, B., Matsui, M., Muramatsu, H. Second-order optical nonlinearities in perfluoroalkylsulfonyl substituted azo dyes 76167
Hirota, K. *see* Nakagawa, Y. 77476
Hirota, K. *see* Ozawa, M. 85601
Hirota, K. *see* Uehara, K. 98567
Hirota, K. *see* Yubazaki, N. 106122
Hirota, M., Teranishi, Y., Nanaura, K. Study on underwater electric fields of a dipole moment in shallow water 80670
Hirota, N., Hisamatsu, N., Maeda, S., Tsukahara, H., Hyodo, K. Thermochromism of poly(substituted thiophene) with urethane bond and its application to reversible thermal recording 115996
Hirota, N. *see* Daigo, M. 120105
Hirota, N. *see* Kawahara, I. 100231
Hirota, N. *see* Tsuzuki, T. 91733
Hirota, S. *see* Kitazawa, T. 89256
Hirota, T., Okazaki, H. Compact and wideband MMIC frequency converters 114308
Hirota, T. *see* Tegoshi, Y. 61545
Hirota, Y., Fukuda, T. STM and tunneling current studies of a GaAs(001) surface prepared by deoxygenated and deionized water treatment 94734
Hirota, Y. *see* Miwa, T. 73348
Hirotsu, K. *see* Hara, T. 102162
Hirotsune, A. *see* Hosaka, S. 75405
Hirotsune, A. *see* Hosaka, S. 84945
Hirotsune, A. *see* Shintani, T. 95663
Hiroyama, Y., Motooka, T., Suzuki, R., Hirano, Y., Sato, F. Effects of hydrogen on structural relaxation and defect evolution in amorphous silicon 74101
Hirpara, D. *see* Peri, M.L. 100132
Hirsave, P.P., Narayanan, R.M., Tracy, B.T., Gwilliam, B.L., Bolus, R.L., Pangburn, T., McKim, H.L. Comparison of spatial statistics of SAR-derived and in-situ soil moisture estimates 120844
Hirsch, D. *see* Gottschalch, V. 61166
Hirsch, E. *see* Auciello, O. 74015
Hirsch, L. Spaced-antenna-drift measurements of the horizontal wind speed using a FMCW-radar-RASS 90762
Hirsch, M. *see* Brendel, R. 81900
Hirsch, P. *see* Cauley, G. 91076
Hirschauer, B., Soderholm, S., Paul, J., Flodstrom, A.S. Large area synthesis of thin alumina films by laser ablation 113471
Hirschberg, J., Prieto, P. Training intonational phrasing rules automatically for English and Spanish text-to-speech 76870
Hirschberg, J.D., Hughey, R., Karplus, K., Speck, D. Kestrel: a programmable array for sequence analysis 104502
Hirschberg, S. *see* Dones, R. 91261
Hirsche, B.L. *see* DeClements, R. 92817
Hirschi, W., Sauvain, H. Practical process to enter the European single market regarding the EMC Directive. Conformity of products with the regulations of the European Union. Case example: conformity with the EMC Directive 76478
Hirschinger, J. *see* Eberle, W. 74128
Hirschman, K.D. *see* Peng, C. 83797
Hirshfield, E. The Globalstar system breakthroughs in efficiency in microwave and signal processing technology 68341
Hirshfield, J.L., Changbiao Wang, Ganguly, A.K. Design of multimegawatt millimeter-wave converters for operation at high gyroharmonics 105046
Hirshfield, J.L. *see* Hafizi, B. 107360
Hirshfield, J.L. *see* Wang, C. 116293
Hirshfield, J.L. *see* Zhang, T.B. 110515
Hirst, E., Cavanagh, R., Miller, P. The future of DSM in a restructured US electricity industry 70673
Hirst, G.J. *see* Divall, E.J. 65036
Hirt, F. *see* Eisele, K. 79756
Hirt, G. *see* Fasbender, R. 74255
Hirt, W. *see* Eleftheriou, E. 117395
Hirt, W. *see* Gfeller, F. 118401
Hirt, W. *see* Ritter, M.B. 78866
Hirtenfelder, F. Coupled electromagnetic and structural finite element analysis of a superconducting dipole model 95579
Hirtenfelder, F. *see* Frenkel, A. 85953
Hirth, A. *see* Weber, B.C. 85409
Hirth, T. *see* Bortolazzi, J. 122062
Hirthe, R.W. *see* Seitz, M.A. 82295
Hirukawa, A. *see* Izumi, S. 99187
Hiruma, K., Murakoshi, H., Yazawa, M., Katsuyama, T. Self-organized growth of GaAs/InAs heterostructure nanocylinders by organometallic vapor phase epitaxy 82652
Hiruma, K. *see* Haraguchi, K. 83843
Hiruma, T. *see* Niigaki, M. 94208
Hiruta, Y. *see* Doi, K. 82233
Hirvi, K.P., Paalanen, M.A., Pekola, J.P. Numerical investigation of one-dimensional tunnel junction arrays at temperatures above the Coulomb blockade regime 84043
Hirvonen, J., Lilja, R., Ikonen, K., Nihtinen, J. Image processing in combustion control 67426
Hirvonen, P. *see* Kalviainen, H. 82370
Hirvonen, R. *see* Jyrinsalo, J. 80969
Hirvonen, R. *see* Laasonen, M. 112042
Hirvonen, T.M., Vainikainen, P., Lozowski, A., Raisanen, A.V. Measurement of dielectrics at 100 GHz with an open resonator connected to a network analyzer 89464
Hirzalla, N. *see* Orozco-Barbosa, L. 78066
Hirzel, F. Implementation of a general purpose DSP-based modem of 8 kHz telephony 87638
Hirzinger, G. *see* Liu, H. 99908
Hisada, Y. *see* Tanaka, S. 83532
Hisadomi, A. *see* Maruyama, K. 100989
Hisajima, S.T. *see* Abe, K. 117602
Hisakado, T., Yamada, T., Okumura, K. Single-phase 1/3-subharmonic oscillations in symmetrical three-phase circuit 113793
Hisamatsu, H., Ishimaru, H., Kanazawa, K., Kato, S., Nakagawa, M., Sato, M., Shimamoto, M., Suetsugu, Y., Terunuma, N. Design of the vacuum system for KEKB 100405
Hisamatsu, K. *see* Nakamoto, T. 81593
Hisamatsu, N. *see* Hirota, N. 115996
Hisamatsu, T. *see* Yamaguchi, M. 102979
Hisamatsu, T. *see* Yamaguchi, M. 121888
Hisamichi, Y. *see* Kondo, H. 106610
Hisamichi, Y. *see* Nishida, Y. 115749
Hisamune, K., Takiguchi, H., Tobita, H., Yamazaki, K., Yokoyama, J., Ojima, Z. Study on behavior of activated corrosion products in PWR primary coolant system 71070
Hisano, K., Tanaka, H., Yamamoto, T. An application of thermal infrared radiation to heat capacity measurements 69554
Hisano, T. *see* Fukuzawa, T. 115695
Hisao Go *see* Shigematsu, M. 88499
Hisaoka, Y. *see* Kobayashi, M. 83771
Hisatake, Y. *see* Hatoh, H. 89240
Hisatake, Y. *see* Sato, M. 89302
Hisatome, M. *see* Kaneko, S. 71121
Hisatome, N., Nagata, K., Saishoji, T., Kakigami, S. Development of tubular type SOFC 81770
Hisatome, N. *see* Shimojo, S. 71720
Hisha, H. *see* Yoshinaga, K. 72104
Hishida, M. *see* Kaneko, S. 71121
Hishikawa, T. *see* Tagawa, N. 115701
Hishikawa, Y., Ninomiya, K., Maruyama, E., Kuroda, S., Terakawa, A., Sayama, K., Tarui, H., Sasaki, M., Tsuda, S., Nakano, S. Approaches for stable multi-junction a-Si solar cells 103018
Hishikawa, Y. *see* Kinoshita, T. 102978
Hishikawa, Y. *see* Niiyama, Y. 90524
Hishinuma, M., Kawashima, T., Yasuda, I., Matsuzaki, Y., Ogasawara, K. Current status of planar SOFC development at Tokyo Gas 81763
Hishinuma, M. *see* Yasuda, I. 71688
Hishinuma, M. *see* Yasuda, I. 81841
Hishinuma, Y. *see* Yamamura, T. 81826
Hiskens, I.A., Davy, R.J. A technique for exploring the power flow solution space boundary 101905
Hiskens, I.A., Milanovic, J.V. Damping control of SVCs in the presence of dynamic loads 101894
Hitani, N. *see* Koike, S. 118526

Hiti, S., Boroyevich, D. Small-signal modeling of three-phase PWM modulators 121617
Hiti, S. *see* Zhang, R. 121612
Hitlin, D. Status of the $\mathrm{B_AB_{AR}}$ detector 120131
Hitsuyu, T. *see* Nishi, K. 83901
Hitt, J. *see* Keir, P.D. 116249
Hitt, J. *see* Shih, S. 106989
Hitzemann, R.J. *see* Gene-Jack Wang 90291
Hiue, H. *see* Yamada, S. 102176
Hiue, H. *see* Yasukawa, Y. 95549
Hiura, S., Sato, K., Inokuchi, S. Tracking jointed object using sequence of range images 87099
Hiura, Y. *see* Atsumi, S. 73349
Hiwa, N., Nobutoki, Y., Saksmoto, H., Terada, T., Okada, S., Himono, Y., Kimura, H., Matsuda, Y. The development of the Advanced Protocol for Automotive Local Area Multiplexing Network (Advanced PALMNET) 91927
Hiwatashi, Y. *see* Endoh, H. 104223
Hiyama, T., Kihara, H., Miyauchi, H., Ortmeyer, T.H. Fuzzy logic switching of FACTS devices for stability enhancement 121094
Hiyama, T., Miyazaki, K., Satoh, H. A fuzzy logic excitation system for stability enhancement of power systems with multi-mode oscillations 80919
Hiyama, T. *see* Kihara, H. 70670
Hiyama, T. *see* Matsui, K. 102175
Hiyama, T. *see* Ortmeyer, T.H. 81025
Hiyama, T. *see* Shimamoto, S. 95590
Hiyamizu, S. *see* Higashiwaki, M. 72763
Hiyamizu, S. *see* Shimomura, S. 63572
Hiyashi, H. *see* Makino, K. 101700
Hiyoshi, K. *see* Ohashi, T. 99891
Hizanidis, K. *see* Tiunov, A.V. 90026
Hjalmarson, H.P., Kurtz, S.R. Electron Auger processes in mid-infrared InAsSb/InGaAs heterostructures 94473
Hjartarson, A. *see* Benediktsson, J.A. 111091
Hjertager, B.H. *see* Samuelsberg, A. 71100
Hjort, K., Thornell, G., Spohr, R., Schweitz, J.-A. Heavy ion induced etch anisotropy in single crystalline quartz 74942
Hjortstam, O. *see* Tischer, M. 64233
Hjorvarsson, B. *see* Azens, A. 75389
Hlasnik, I., Jansak, L., Majoros, M., Kokavec, J., Chovanec, F., Martini, L., Zannella, S. Self-field effect in Ag/HTS tapes–skin effect at resistivity strongly increasing with J versus critical state model 95412
Hlavac, C. *see* Rahali, F. 89057
Hlavac, S. *see* Darmo, J. 120154
Hlavac, S. *see* Dubecky, F. 110574
Hlavac, S. *see* Dubecky, F. 120153
Hlavac, V., Leonardis, A., Werner, T. Automatic selection of reference views for image-based scene representations 67262
Hlavka, J., Ohlidal, I., Vizd'a, F., Sitter, H. New technique of measurement of optical parameters of thin films 110410
Hlavka, J., Svehla, R. Measurement of fast surface photovoltage relaxation 100261
Hlawiczka, A. *see* Badura, D. 119550
Hlou, L. *see* Varani, L. 114606
Hlubina, P. Experimental demonstration of the spectral interference between two linearly polarized modes at the output of a fibre waveguide excited by a low-coherence source 95670
Hlubina, P. Far zone spectral shifts in light propagation from the exit face of a few-mode fibre waveguide guiding the frequency-dependent linearly polarized modes 106806
Hluchyj, M.G. Open programmable switching: an enabling technology for enhanced services deployment 88020
Hlynka, M. *see* Stanford, D.A. 60795
Hmimy, H.H., Gupta, S.C. Throughput-delay analysis of frequency hopped NPCSMA in indoors Rician fading cellular channels 109395
Hmimy, H.H., Gupta, S.C. Performance evaluation of SFH-SS transmission for outdoors personal communication services at millimeter-waves 109560
Hmimy, H.H., Gupta, S.C. Throughput-delay analysis of frequency hopped NPCSMA in outdoors cellular multipath fading and shadowing channels 118984
Hnatowicz, V. *see* Kozlov, I.P. 63219
Ho, A.K. *see* Meiler, R.J. 90654
Ho, B.K.T., Taira, R., Kangarloo, H., Steckel, R.J. A scalable teleradiology information system 110813
Ho, C. *see* Phipps, C.R. 80679
Ho, C. *see* Schoessow, P. 89708
Ho, C.-C. *see* Das, S. 77368
Ho, C.C. *see* Johnson, D.C. 70174
Ho, C.H., Lau, W.K., Hwang, J.I., Wsu, S.Y., Liu, Y.C. The RF gun development at SRRC 83690
Ho, C.S., Chen, D.L., Kager, A., Liou, J.J. A study of the current transport in AlGaAs/GaAs HBTs with graded and setback layers 63642
Ho, C.S. *see* Lee, C.L. 109916
Ho, C.S. *see* Wen-Chung Chang 106049
Ho, C.W. *see* DeKenipp, R.J. 94147
Ho, D. *see* Feng, D. 101193
Ho, E., Petrich, G.S., Kolodziejski, L.A. Comparison of hydrogen passivation of ZnSe:N using gas source and conventional molecular beam epitaxy 74202
Ho, E. *see* Chu, C.C. 96240
Ho, E. *see* Li-Ran Wu 108937
Ho, E.M., Daykin, A.C., Petford-Long, A.K. Studies of Fe/Cr multilayer and trilayer films 75203
Ho, F. *see* Hou, A.S. 106114
Ho, F.C. *see* Daoyang Huang 106917
Ho, F.C. *see* Tsou, Y. 106919
Ho, H.T., Hung, Y.S. Direct depth estimation from monocular image sequence with statistical object boundary detection 87039
Ho, I.H. *see* Chun, Y.S. 61247
Ho, I.H. *see* Murata, H. 61246
Ho, J. *see* Donnelly, K. 74851
Ho, J. *see* Martin, R.A. 110298
Ho, J.C. *see* Hamdeh, H.H. 64337
Ho, J.G., Nelson, P.R., Lin, F.H., Chang, D.T., Kaiser, W.J., Stafsudd, O.M. Sol-gel derived lead and calcium lead titanate pyroelectric detectors on silicon MEMS structures 100005
Ho, J.R. *see* Zhang, X. 105553
Ho, J.S.M., Akyildiz, I.F. A dynamic mobility tracking policy for wireless personal communications networks 78444
Ho, J.S.M., Akyildiz, I.F. Local anchor scheme for reducing signaling costs in personal communications networks 119064
Ho, J.S.M. *see* Akyildiz, I.F. 88278
Ho, J.S.M. *see* Akyildiz, I.F. 99381
Ho, J.Y.L., Wong, K.S. High-speed and high-sensitivity silicon-on-insulator metal-semiconductor-metal photodetector with trench structure 89058
Ho, J.Y.L., Wong, K.S. Bandwidth enhancement in silicon metal-semiconductor-metal photodetector by trench formation 89111
Ho, J.Y.L. *see* Eng, T.T.H. 96063
Ho, K. *see* Heden, C. 63265
Ho, K.-M. *see* McCalmont, J.S. 62167
Ho, K.-M. *see* Sigalas, M.M. 75670
Ho, K.-P., Kahn, J.M. Methods for crosstalk measurement and reduction in dense WDM systems 78897
Ho, K.C. *see* Chan, Y.T. 66711
Ho, K.K. *see* Jia, Q.X. 75058
Ho, K.L. *see* Ni, J.Q. 117788
Ho, M., Cioffi, J.M., Bingham, J.A.C. Discrete multitone echo cancelation 87982
Ho, M. *see* Donohoe, J.P. 107770
Ho, M.C., Johnson, R.A., Chang, C.E., Ho, W.J., Pehlke, D.R., Zampardi, P.J., Chang, M.F., Asbeck, P.M. Base-collector capacitance reduction of AlGaAs/GaAs heterojunction bipolar transistors by deep ion implantation 62271
Ho, M.H. *see* Moses, W.W. 90311
Ho, P., Guanghua Deng, Cavers, J. A reduced complexity channel estimator for linear modulations operating in fading dispersive channels 88220
Ho, P. *see* Allendorf, M.D. 61422
Ho, P. *see* Bin, L. 86035
Ho, P. *see* Jae Hyung Kim 86033
Ho, P. *see* Jung-Chi Chiang 119681
Ho, P. *see* Li Bin 97455
Ho, P. *see* Yan, D. 87967
Ho, P.P. *see* Liu, Q.D. 64715
Ho, P.S., Poon, T.W., Leu, J. Adhesion and fracture of metal/polyimide fine line structures 112965
Ho, P.S., Yeo, I.-S., Liao, C.N., Anderson, S.G.H., Kawasaki, H. Thermal stress and relaxation behavior of Al(Cu) submicron interconnects 63472
Ho, P.S., Yeo, I.-S., Liao, C.N., Anderson, S.G.H., Kawasaki, H. Thermal stress and relaxation behaviour of Al(Cu) submicron interconnects 84234
Ho, P.S. *see* In-Seok Yeo 94836
Ho, P.S. *see* Jawarani, D. 114998
Ho, P.S. *see* Poon, T.W. 114406
Ho, P.S. *see* Wang, P.-H. 115002
Ho, P.S. *see* Yeo, I.-S. 114999
Ho, P.Y.S. *see* Quah, L.T.S. 79254
Ho, S. *see* Mangelsdorf, C. 79182
Ho, S.H. *see* Conforti, E. 99593
Ho, S.L., Fu, W.N., Wong, H.C. Application of automatic choice of step size for time stepping finite element method to induction motors 111963
Ho, S.L., Fu, W.N., Wong, H.C. An incremental method for steady state solution of induction motors whilst using time stepping finite element model 111964
Ho, S.L. *see* Leong, M.S. 97230
Ho, S.L. *see* Zhang, Y.J. 102641
Ho, S.M. *see* Akyildiz, I.F. 109463
Ho, S.M. *see* Lo, V.C. 105566
Ho, S.T. *see* Espindola, R.P. 65497
Ho, S.T. *see* Wang, M.G. 107355
Ho, S.T. *see* Zhang, J.P. 85522
Ho, S.Y.S., Langman, R. Accurate speed and slip measurement of induction motors 81459
Ho, T. *see* Brathwaite, N.E. 82272
Ho, T.F. Performance evaluation for multi-carrier CDMA system 108813
Ho, T.F., Wei, V.K. Construction of spectrally efficient low-crest waveforms for multicarrier CDMA systems 67566
Ho, T.F., Wei, V.K. Synthesis of low-crest waveforms for multicarrier CDMA system 87374
Ho, T.H., Lee, R.S., Young, A. Studies in popcorn and reliability phenomena of PBGA 225 I/O package 103457
Ho, T.Q. *see* Facchini, L.M. 73639
Ho, W. *see* Brown, K.A. 72768
Ho, W. *see* Schaeffer, R.D. 107648
Ho, W.-J. *see* Pehlke, D.R. 62272
Ho, W.-J. *see* Pehlke, D.R. 93793
Ho, W.J. *see* Ho, M.C. 62271
Ho, W.J. *see* Wei, C.J. 94924
Ho, Y.-C., Biyani, M., Colvin, J., Smithhisler, C., O, K. 3 V low noise amplifier implemented using a 0.8 μm CMOS process with three metal layers for 900 MHz operation 73806
Ho, Y.-K. *see* Hora, H. 107486
Ho, Y.K.E. *see* Forsyth, A.J. 121556
Ho Auh Keun *see* Keun Ho Auh
Ho Bang Jun *see* Jun Ho Bang
Ho Cheng *see* Cheng Ho
Ho Cheng-Seen *see* Cheng-Seen Ho
Ho Chien-Hsien *see* Chien-Hsien Ho
Ho Chih-Ming *see* Chih-Ming Ho
Ho Ching-Tien *see* Ching-Tien Ho
Ho Ching-Yen *see* Ching-Yen Ho
Ho Cho Dong *see* Dong Ho Cho
Ho Cho Kyung *see* Kyung Ho Cho
Ho Cho Sung *see* Sung Ho Cho
Ho Cho Woong *see* Woong Ho Cho
Ho Choi Jai *see* Jai Ho Choi
Ho Choi Jin *see* Jin Ho Choi
Ho Choi Jong *see* Jong Ho Choi
Ho Choi Ju *see* Ju Ho Choi
Ho Choi Lu *see* Lu Ho Choi
Ho Chul Kim *see* Byoung Taek Lee 84807
Ho Chun-Ta *see* Chun-Ta Ho
Ho Gwang-Su *see* Gwang-Su Ho
Ho Gyu Kang *see* Byung Hyug Roh 113942
Ho Han Ki *see* Ki Ho Han
Ho Hyung Suh, El-Hang Lee Suppression of images using combined binary phase holograms 87238
Ho Jae Lee, Woong Huh Computerized pulse diagnosis system 101070
Ho Jau-Hwang *see* Jau-Hwang Ho
Ho Je Jung *see* Jung Ho Je
Ho Jeong Jae *see* Jae Ho Jeong
Ho Jih-Shin *see* Jih-Shin Ho
Ho Jin Jeong, Yeon Wan Koh, Bong Wan Lee, Min Yong Jeon, Byoung Yoon Kim Analysis of polarization properties of a mode-locked fiber laser gyroscope 69211
Ho Jin Jeong *see* Seok Hyun Yun 75625
Ho Jin-Maun *see* Jin-Maun Ho
Ho Joon Lee, Hyung Hwa Ko An error concealment technique for lossy block coding 87143
Ho Jun Lee, Ha Soo Kim, Chul Hi Han, Choong Ki Kim Suppression of misfit dislocations in heavily boron-doped silicon layers for micro-machining 84619
Ho Jung Baek *see* Baek Ho Jung
Ho Jung Paik *see* Shirron, P.J. 111156
Ho Kai-Yuan *see* Kai-Yuan Ho
Ho Kaiming *see* Kaiming Ho
Ho Kang Seong *see* Seong Ho Kang
Ho Keang-Po *see* Keang-Po Ho
Ho Keun Song, Tae Eun Kim, Jong Soo Choi Edge-based range image segmentation method using pseudo reflectance images 98236
Ho Keun Song *see* Woo Sang Jung 98239
Ho Kim Dae *see* Dae Ho Kim
Ho Kim Jeong *see* Jeong Ho Kim
Ho Kim Jong *see* Jong Ho Kim
Ho Kim Kun *see* Kun Ho Kim
Ho Kim Sung *see* Sung Ho Kim
Ho Kuoksan *see* Kuoksan Ho
Ho Kwok-Chiang *see* Kwok-Chiang Ho
Ho Lee Chang *see* Chang Ho Lee
Ho Lee Chul *see* Chul Ho Lee
Ho Lee Hyeong *see* Hyeong Ho Lee
Ho Lee Jae *see* Jae Ho Lee
Ho Lee Moon *see* Moon Ho Lee
Ho Lee Moung *see* Moung Ho Lee
Ho Min-Chung *see* Min-Chung Ho
Ho Moon Kyo *see* Kyo Ho Moon
Ho Mow Wai *see* Wai Ho Mow
Ho Oh Jun *see* Jun Ho Oh
Ho Park Dong *see* Dong Ho Park
Ho Park Hyung *see* Hyung Ho Park
Ho Park Jung *see* Jung Ho Park
Ho Park Sang *see* Sang Ho Park
Ho Pin *see* Pin Ho
Ho Quoc Ann *see* Ann Ho Quoc
Ho Seng-Tiong *see* Seng-Tiong Ho
Ho Seong Lee, Sung Hoon Yang Long-term stabilization of the frequency and power of a laser diode 96414
Ho Seung Shin *see* Sung Joo Kim 97608
Ho Shin Cho *see* Park, S. 118971
Ho Shin Kyung *see* Kyung Ho Shin
Ho Shin Yong *see* Yong Ho Shin
Ho Soek, Seong-Kyu Park, Sun-Koo Kang, Bag-Soon Chung, Chul-Un Yi Development of a realistic source term for emergency planning and preparedness 81267
Ho Sohn Sang *see* Sang Ho Sohn
Ho Son Maeng *see* Maeng Ho Son
Ho Song Seok *see* Seok Ho Song
Ho Sun Chung *see* Ik Soo Lee 73604
Ho Sun Chung *see* Jin Kyung Ryeu 117272
Ho Sung Suh *see* Kyung Chan Kim 110371
Ho Syh-Ming *see* Syh-Ming Ho
Ho Tsung-Han *see* Tsung-Han Ho
Ho Wen-Jung *see* Wen-Jung Ho
Ho Wen-Te *see* Wen-Te Ho
Ho Won Dong *see* Dong Ho Won
Ho Woo Chong *see* Chong Ho Woo
Ho Worm-Chi *see* Worm-Chi Ho
Ho Wu Jing *see* Wu Jing Ho

Ho Wu-Jing *see* Wu-Jing Ho
Ho Yang Kwang *see* Kwang Ho Yang
Ho Yi June *see* June Ho Yi
Ho Ying-Ta *see* Ying-Ta Ho
Ho Yoo Jae *see* Jae Ho Yoo
Ho Yoo Myeong *see* Myeong Ho Yoo
Ho Young Ahn *see* Chun Gyoo Lee 73982
Ho Young Ahn *see* Chun Gyoo Lee 83738
Ho Yun Gi *see* Gi Ho Yun
Ho-Gi Kim *see* Yung Park 106349
Ho-Hyung Suh *see* Deug-Ju Lee 95866
Ho-Jin Park *see* Ho-Yong Song 108791
Ho-Jin Park *see* Ho-Young Song 118738
Ho-Jun Lee *see* Hyeon-Soo Kim 84137
Ho-kyoung Lee Non-coherent detection of multiple symbol full response M-ary CPFSK with modulation index 1/M 66263
Ho-Kyoung Lee, Divsalar, D., Weber, C. Multiple symbol trellis coding of CPFSK 66520
Ho-Kyu Kang *see* Kee-Won Kwon 61908
Ho-Quoc, A., Tedjini, S., Hilt, A. Optical polarization effect in discrete time fiber-optic structures for microwave signal processing 85019
Ho-Sang Ham, Seok-Chan Jeong, Young-Hui Kim Real-time shop floor control system for PCB auto-insertion line based on object-oriented approach 73866
Ho-Seong Kim *see* Do-In Choi 110188
Ho-Shon, K., Feng, D., Hawkins, R.A., Meikle, S., Fulham, M.J., Xianjin Li Optimized sampling and parameter estimation for quantification in whole body PET 110771
Ho-Ting Wu *see* Rubin, I. 98497
Ho-Yong Song, Ho-Jin Park, Han-Kyoung Kim, Yeon-Seal Ku An object behavior control algorithm for ATM switching software 108791
Ho-Young Song, Ho-Jin Park, Han-Kyung Kim Scenario socket architecture model for ATM switching software 118738
Ho-Yup Kwon *see* Jung-Suk Goo 63672
Hoa, D.Hui Bon *see* Hui Bon Hoa, D.
Hoa, S.V. *see* Ganesan, R. 113605
Hoa Phan *see* Cronyn, W. 109784
Hoag, A. *see* LaRose, R. 109083
Hoag, H. *see* Ko, K. 89759
Hoag, H. *see* Ko, K. 100660
Hoag, H.A. *see* Hanna, S.M. 89716
Hoagland, A.S. *see* Goldberg, J.S. 115821
Hoai An Le Thi *see* Le Thi Hoai An
Hoan Chae Soo *see* Soo Hoan Chae
Hoang, D.T., Long, P.M., Vitter, J.S. Rate-distortion optimizations for motion estimation in low-bit-rate video coding 86315
Hoang, D.T., Long, P.M., Vitter, J.S. Efficient cost measures for motion compensation at low bit rates 86723
Hoang, P., Tomsovic, K. Design and analysis of an adaptive fuzzy power system stabilizer 80920
Hoang Pham, Suprasad, A., Misra, R.B. Reliability and MTTF prediction of k-out-of-n complex systems with components subjected to multiple stages of degradation 113045
Hoang Pham *see* Hongzhou Wang 113046
Hoang Yan Lin, Jyhpyng Wang Experimental study of the geometric group-delay dispersion in graded-index media 75534
Hobara, Y. *see* Nickolaenko, A.P. 107895
Hobara, Y. *see* Shima, N. 116893
Hobart, K.D., Kub, F.J., Jernigan, G.G., Thompson, P.E. Surface segregation of arsenic and phosphorus from buried layers during Si molecular beam epitaxy 82682
Hobart, K.D. *see* Potyraj, P.A. 83379
Hobbach, G. *see* Haas, M. 109575
Hobbs, A., Inoue, K., Nakamura, T. Evolution of microstructure and texture in sputter-deposited TiN films for interconnect applications 94842
Hobbs, B.F., Yuandong Ji, Chih-Wei Chang, Loparo, K.A., Jober, J., Ohman, M. An improved bounding-based method for multiarea probabilistic production costing 70833
Hobbs, C.C., Wortman, J.J., Ozturk, M.C. Degradation of silicon dioxide during selective silicon epitaxy in a dichlorosilane environment 105500
Hobbs, D. *see* Johnson, W.H. 63427
Hobbs, D.S. *see* Resler, D.P. 64821
Hobbs, R. *see* Berisha, S.H. 112573
Hobbs, R. *see* Gamelin, J. 88652
Hobbs, R.H. *see* Fritz, D.I. 85167
Hobbs, R.H. *see* Jackel, J.L. 78891
Hobbs, T., Kotrappa, P., Tracy, J., Biss, B. Response comparisons of electret ion chambers, LiF TLD, and HPIC 70275
Hobbs, T.G. Tests on electret ion chambers used for environmental monitoring 100864
Hobby, P.C. *see* Warren, A.P. 106492
Hobeika, A.G. *see* Sha'aban, A.M. 99326
Hoberock, L.L. *see* Chen, B. 77450
Hobgood, H.M. *see* Brandt, C.D. 104054
Hobgood, H.M. *see* Sriram, S. 62274
Hobgood, H.M. *see* Sriram, S. 83385
Hobler, G. *see* Herzog, S. 84097
Hobler, G. *see* Senkader, S. 63213
Hobrecht, S. *see* Bashir, R. 63902
Hobsley, M. *see* Jameson, D.G. 88855
Hobson, B. *see* Heim, J. 79957
Hobson, D.A. *see* Bertocci, G.E. 110948
Hobson, P.R. *see* Krantz, E.P. 96789
Hobson, P.R. *see* Krantz, E.P. 116772
Hobson, R.F., Wong, P.S. A concurrent architecture for 622 Mb/s ATM segmentation and reassembly 77626
Hobson, R.K. Application of ferrite devices for EMI attenuation 97175
Hobson, W.S. *see* Chand, N. 96407
Hobson, W.S. *see* Dutta, N.K. 76030
Hobson, W.S. *see* Han, H. 96383
Hobson, W.S. *see* Han, N. 116562
Hobson, W.S. *see* Hong, J. 74587
Hobson, W.S. *see* Hong, J. 105609
Hobson, W.S. *see* Lee, J.W. 74586
Hobson, W.S. *see* Lee, J.W. 74596
Hobson, W.S. *see* Lee, J.W. 74601
Hobson, W.S. *see* Lee, J.W. 94724
Hobson, W.S. *see* Ren, F. 84156
Hobson, W.S. *see* Stradtmann, R.R. 114964
Hobson, W.S. *see* Vakhshoori, D. 65340
Hocaoglu, A.K., Devaney, M.J. Using bilinear and quadratic forms for frequency estimation 89459
Hocaoglu, A.Koksal *see* Koksal Hocaoglu, A.
Hoch, J. *see* Foroni, R. 110670
Hoch, M. *see* Bouclier, R. 80043
Hochbaum, D.S. An optimal test compression procedure for combinational circuits 113914
Hochberg, A.K. *see* Laxman, R.K. 61366
Hochbruck, M. *see* Gutknecht, M.H. 61013
Hochet, B. *see* Kanan, R. 73298
Hochhauser, E. *see* Boag, J.W. 70278
Hochholzer, V., Lueder, E., Kallfass, T., Lauer, H.-U. A full-color 14-in. MIM-LCD with improved photolithography 100202
Hochholzer, V. *see* Pfeiffer, M. 85142
Hochi, A. *see* Takeda, M. 104985
Hochmair, E.S. *see* Zierhofer, C.M. 80491
Hochman, J.M., Gilgenbach, R.M., Walter, M.T., Rintamaki, J.I., Luginsland, J., Jaynes, R.L., Lau, Y.Y. High current, annular e-beam generation and transport experiments 69655
Hochman, J.M. *see* Walter, M.T. 62634
Hochman, J.M. *see* Walter, M.T. 105063
Hochmuth, R. *see* Doppel, K. 64235
Hochmuth, R. *see* Doppel, K. 64236
Hochschild, G., Krupa, R. A new 278 GHz ground-based radiometer for vertical profile sounding of ClO and O_3 in the upper atmosphere 111191
Hochst, H., Dai Zhao, Huber, D. Determination of the energy dependence of the off-diagonal terms of the dielectric tensor by means of $M_{2,3}$ reflection MCD measurements 84782
Hock, K. *see* Noor, Y.M. 83614
Hock, K.M. Narrowband weak signal detection by higher order spectrum 66696
Hock, K.M. Probability theory of laser safety at sea 76315
Hock, T. A synthesizer design program with detailed noise analysis 73137
Hock, V. *see* Schull, K. 96328
Hock Chuan Chua *see* Chua Hock Chuan
Hock Gan Cheong *see* Gan Cheong Hock
Hock Jin Lee *see* Grimes, C.A. 115533
Hock Soon Seah Simulated motion for recognition of planar shapes in single perspective image 86838
Hock-Chuan Chua *see* Jiancheng Jia 97992
Hockanson, D.M., Drewniak, J.L., Hubing, T.H., Van Doren, T.P. FDTD modeling of common-mode radiation from cables 97194
Hocknell, A., Jones, R., Rothberg, S. Experimental analysis of impacts with large elastic deformation. I. Linear motion 110389
Hockney, R.W. *see* Arter, W. 65608
Hockney, R.W. *see* Eastwood, J.W. 65628
Hoctor, R.T., Kassam, S.A. Array redundancy for active line arrays 77404
Hodapp, T.R. *see* O'Neill, R.C. 105029
Hode, J.M., Desbois, J., Difilie, P., Solal, M., Ventura, P. SPUDT-based filters: design principles and optimization 104670
Hode, J.M. *see* Ventura, P. 106426
Hode, J.M. *see* Ventura, P. 106427
Hodel, A.Scottedward *see* Scottedward Hodel, A.
Hodel, H. Multicast routing–basis of multimedia conferencing on the Internet. 1. Introduction 118608
Hodel, U. *see* Memmert, U. 74779
Hodel, W. *see* Peter, D.S. 65074
Hodel, W. *see* Peter, D.S. 107141
Hodel, W. *see* Peter, D.S. 116407
Hodel, W. *see* Wegmuller, M. 75854
Hoder, D., Bergamo, M. Gigabit satellite network for NASA's advanced communication technology satellite (ACTS) 109579
Hoder, D., Zernic, M. Satellite delivery of wideband services by ACTS 88436
Hodes, G. *see* Gal, D. 105135
Hodes, G. *see* Golan, Y. 62903
Hodes, G. *see* Golan, Y. 114789
Hodes, G. *see* Moons, E. 121882
Hodes, G. *see* Ponomarev, E.A. 113402
Hodge, J.D., Muller, H., Applegate, D.S., Huang, Q. A resistive fault current limiter based on high temperature superconductors 70994
Hodge, L.A. *see* Huffaker, D.L. 103433
Hodge, W.A. *see* Banks, S.A. 70048
Hodges, C.R. *see* Benson, D. 114482
Hodges, D.A. Engineering education for the 21st century 82117
Hodges, D.A. *see* Leachman, R.C. 63845
Hodges, J.P., Slater, P.R., Edwards, P.P., Greaves, C., Slaski, M., van Tendeloo, G., Amelinckx, S. Observation of superconductivity (T_c=50 K) in a new tetragonal alkaline-earth cuprate $Sr_{0.8}Ba_{1.2}CuO_{3+\delta}$, synthesised at ambient pressure 75324
Hodges, L. *see* Thompson, C. 112794
Hodges, L.F. *see* Kessler, G.D. 67580
Hodges, M. *see* Button, J. 99375
Hodges, M. *see* Giacalone, G. 73368
Hodges, T. *see* Bricault, P.G. 79993
Hodgetts, R.M., Blackwell, C.W., Gibson, J.W. Using effective communication to deal with downsizing 112817
Hodgkins, D. *see* Bolme, G.O. 89706
Hodgkins, D. *see* Sherman, J. 90071
Hodgkins, D. *see* Spence, D. 69693
Hodgkinson, L., Cloughley, S., Qi Hong Wu, Kassam, S. Anisotropic scatter patterns and anomalous birefringence of obliquely deposited cerium oxide films 116183
Hodgkinson, L., Kassam, S., Hazer, J., Cloughley, S., Qi Hong Wu Modal contours for biaxial thin-film waveguides 116064
Hodgkinson, S. *see* Hendriksen, M. 103428
Hodgson, C.W., Vengsarkar, A.M. Spectrally shaped high-power amplified spontaneous emission sources incorporating long-period gratings 65108
Hodgson, J. *see* Neubauer, M. 100686
Hodgson, J.E., Grzejewski, J.M., Dunn, R.W., Daniels, A.R. The design of an object-oriented real time power system simulator 90932
Hodkinson, R.I. Brushless DC motors for electric and hybrid vehicles 91870
Hodowanec, M.M. Considerations of coupling selection, installation and alignment: effects on motor mechanical performance 91426
Hodson, R.F., Doughty, D.C., Jr., Allgood, D.C., Campbell, S.A., Wilson, W.C., Bickley, M.H. A content addressable memory for use in CEBAF's CLAS detector level 2 triggering system 90211
Hodson, R.F., Doughty, D.C., Jr., Allgood, D.C., Campbell, S.A., Wilson, W.C., Bickley, M.H. A content addressable memory for use in CEBAF's CLAS detector level 2 triggering system 100942
Hodul, D. *see* Tait, R.N. 61377
Hoe, J.C. Improving the start-up behavior of a congestion control scheme for TCP 118127
Hoe, R.L. Benchmarks for AT&T contract tariffs 67637
Hoe Koo Jung *see* Jung Hoe Koo
Hoe-Sup Soh *see* Hyuk-Ryeol Park 106030
Hoebener, K.G. *see* Cole, M.S. 92231
Hoefer, W.J.R. *see* Cascio, L. 85914
Hoefer, W.J.R. *see* Damaschke, J. 73660
Hoefer, W.J.R. *see* de Menezes, L. 96871
Hoefer, W.J.R. *see* de Menezes, L.R.A.X. 65833
Hoefer, W.J.R. *see* de Menezes, L.R.A.X. 76506
Hoefer, W.J.R. *see* Eswarappa, C. 73656
Hoefer, W.J.R. *see* Eswarappa, C. 97240
Hoefer, W.J.R. *see* Eswarappa, C. 116858
Hoefer, W.J.R. *see* Herring, J.L. 96872
Hoefer, W.J.R. *see* Qi Zhang 97236
Hoefer, W.J.R. *see* Righi, M. 82210
Hoeferkamp, M.R. *see* Frautschi, M.A. 110601
Hoefert, M. *see* Aroua, A. 70298
Hoeflich, J. *see* Teytelman, D. 100523
Hoefman, M., Peeters, H. A1000 S12 evolution to broadband: driving factors and strategy 118735
Hoeft, M. *see* Grube, W. 103113
Hoeher, P., Woerz, T., Schmidbauer, A., Schweikert, R., Frank, J., Grosskopf, R., Schramm, R., Gale, F.C.T., Harris, R.A. Digital audio broadcasting (DAB) via satellite: results of an Archimedes measurement campaign 88800
Hoehn, J.G., Jr. *see* Balachandran, U. 84865
Hoehn, J.G., Jr. *see* Balachandran, U. 115909
Hoeistad, B. *see* Calen, H. 120194
Hoekman, D.H. *see* Woodhouse, I.H. 111346
Hoekman, D.H. *see* Woodhouse, I.H. 120677
Hoeksema, F. *see* Keesman, G. 98305
Hoekstra, G., Nandhakumar, N. Quasi-invariant behavior of thermophysical features for interpretation of multisensor imagery 67384
Hoekstra, H.J.W.M. *see* Haes, J. 76540
Hoekstra, H.J.W.M. *see* Horst, F. 65481
Hoekstra, H.J.W.M. *see* Krijnen, G.J.M. 76190
Hoekstra, H.J.W.M. *see* Van Schoot, J.B.P. 64603
Hoekstra, H.J.W.M. *see* van Schoot, J.B.P. 64738
Hoekstra, J.W.M. *see* de Ridder, R.M. 64663
Hoekstra, R.J., Kushner, M.J. A model for surface and bulk chemistry during silicon etching in high plasma density inductively coupled reactors 63343
Hoelscher, J.W. *see* Mathur, V.K. 110979
Hoelzke, U. *see* Ban, J. 69810
Hoenerlage, B. *see* Tomasiunas, R. 94254
Hoenigman, J.R. *see* Evans, D.J. 113514
Hoenigman, R.F. *see* Cox, W.R. 96583
Hoenlein, W. *see* Lehmann, V. 93957
Hoepfner, K. *see* Annis, P. 80121
Hoepfner, K. *see* Martellotti, G. 80122
Hoepman, J.-H. *see* Buhrman, H. 98513
Hoepp, E.E., Kerr, H.W. Oxide-assisted laser surfacing of aluminum 111025
Hoeppner, G.W. *see* Montanaro, J. 73430
Hoeppner, K. *see* Jacob, P. 115364
Hoeppner, K. *see* Richter, H.H. 63325
Hoernel, N. *see* Cesura, G. 110581
Hoerschelmann, S. *see* Wagner, B. 74956
Hoerstel, W. *see* Neuberta, M. 74136

Hoerstel, W. *see* Tran, T.K. 74408
Hoeschl, P. *see* Belas, E. 74237
Hoeve, H. *see* Holweg, E.G.M. 89514
Hoey, J. *see* Smith, G.R. 120229
Hof, C. *see* Beck, N. 91748
Hof, C. *see* Wyrsch, N. 94388
Hof, M. *see* Barbiellini, G. 69722
Hofbauer, F. *see* Flassbeck, W. 81006
Hofbeck, K., Grenzer, J., Schomburg, E., Ignatov, A.A., Renk, K.F., Pavel'ev, D.G., Koschurinov, Yu., Melzer, B., Ivanov, S., Schaposchnikov, S., Kop'ev, P.S. High-frequency self-sustained current oscillation in an Esaki-Tsu superlattice monitored via microwave emission 105330
Hofer, B. *see* Durisch, W. 91392
Hofer, D. *see* Conley, W. 105758
Hofer, D.C. *see* Allen, R.D. 105786
Hofer, D.C. *see* Kunz, R.R. 105789
Hofer, E., Niess, K. Feel the tension. Modular drive concept for wire-drawing machines with Simovert Master Drives 81950
Hofer, E. *see* Munuzuri, A.P. 120469
Hofer, H. *see* Stock, K.D. 88893
Hofer, J. *see* Rossel, C. 79287
Hofer, M., Ober, M.H., Hofer, R., Reider, G.A., Sugden, K., Bennion, I., Fermann, M.E., Sucha, G., Harter, D., Mendonca, C.A.C., Chiu, T.H. Monolithic polarization-insensitive passively mode-locked fiber laser 65102
Hofer, M. *see* Sucha, G. 116416
Hofer, P., Karrer, N., Gerster, C. Paralleling intelligent IGBT power modules with active gate-controlled current balancing 121671
Hofer, P. *see* Gerster, C. 121715
Hofer, R. *see* Hofer, M. 65102
Hofer, S. *see* Beneder, M. 112631
Hoff, A.M., Esry, T.C., Nauka, K. Monitoring plasma damage: a real-time, noncontact approach 84194
Hoff, H.A. *see* Waytena, G.L. 94822
Hoff, J., Jelen, C., Slivken, S., Brown, G.J., Razeghi, M. Optical absorption and photoresponse in fully quaternary p-type Quantum Well detectors 100003
Hoff, L.E. *see* Beaven, S.G. 108553
Hoff, P.E.H.G. *see* Nordin, R.S.B. 102910
Hoff, S. *see* Berger, M.O. 118880
Hoff, S. *see* Spaniol, O. 118314
Hofferer, M., Knaus, B., Winiwarter, W. An evolutionary approach to intelligent information filtering 77908
Hoffheins, B.S., Lauf, R.J., Felten, J.J. Thick film hydrogen sensor: design and materials 100167
Hofflinger, B. *see* Dudek, V. 84446
Hofflinger, B. *see* Dudek, V. 106031
Hofflinger, B. *see* Irmscher, M. 105806
Hoffman, A. *see* Chakk, Y. 72915
Hoffman, B. *see* Rothwell, C. 117680
Hoffman, C.A., Meyer, J.R., Bartoli, F.J., Waterman, J.R., Shanabrook, B.V., Bennett, B.R., Wagner, R.J. InAs-GaSb-AlSb quantum confined structures for IR applications 74434
Hoffman, C.A. *see* Malin, J.I. 65334
Hoffman, C.A. *see* Malin, J.I. 96263
Hoffman, C.A. *see* Malin, J.I. 96405
Hoffman, C.A. *see* Meyer, J.R. 63108
Hoffman, C.A. *see* Meyer, J.R. 65259
Hoffman, C.M. *see* Szymanski, J.J. 110589
Hoffman, D., Bornholdt, C., Kappe, F., Morl, L., Reier, F.-W., Sigmund, A. Joint electrorefraction and electroabsorption in MQWs for digital switching with extremely low cross talk (<–45 dB) 88558
Hoffman, D. *see* Deis, G. 106719
Hoffman, D.J. *see* Swain, D.W. 76576
Hoffman, E. *see* Chang, F.I. 74976
Hoffman, E. *see* Warneke, B. 74984
Hoffman, E.A. *see* Jiang Qian 110712
Hoffman, E.A. *see* Sonka, M. 80269
Hoffman, E.J. *see* Levin, C.S. 90366
Hoffman, E.J. *see* Levin, C.S. 101116
Hoffman, E.J. *see* Levin, C.S. 101119
Hoffman, E.J. *see* Levin, C.S. 110697
Hoffman, E.J. *see* MacDonald, L.R. 80258
Hoffman, E.J. *see* Tornai, M.P. 101293
Hoffman, E.J. *see* Tornai, M.P. 101313
Hoffman, E.J. *see* Tornai, M.P. 110696
Hoffman, G.R. *see* Rakov, V.A. 65882
Hoffman, J.M. *see* Mathur, V.K. 110979
Hoffman, K. *see* Guha, S. 112342
Hoffman, K. *see* Khouzam, K. 112408
Hoffman, M. Wavelet analysis: revolutionary tool for data analysis and signal processing 117346
Hoffman, R., Jr. *see* Chatterjee, B. 71708
Hoffman, W. *see* Mundy, J.L. 77170
Hoffman, W.F., III A tiered approach to design for environment 60554
Hoffmann, A., Heitz, R., Lummer, B., Kutzer, V., Eckey, L., Broser, I., Kurtz, E., Hommel, D., Jobst, B., Nurnberger, J., Landwehr, G. Quantitative determination of the compensation in nitrogen doped ZnSe epilayers 62803
Hoffmann, A., Wiesmann, D., Loa, I., Heitz, R., Pohl, U.W., Broser, I., Worschech, L., Kurtz, E., Hommel, D., Landwehr, G., Hoffmann, D., Meyer, B.K. Strain-dependent Zeeman effect of the nitrogen acceptor bound exciton in ZnSe-epilayers 74210
Hoffmann, A. *see* Bendada, E. 106022
Hoffmann, A. *see* Heitz, R. 74211
Hoffmann, B. *see* Baehr, J. 69755
Hoffmann, D. *see* Hoffmann, A. 74210
Hoffmann, D. *see* Pendekanti, R. 120481
Hoffmann, D. *see* Reier, F.W. 103843
Hoffmann, D.H.H. *see* Achterberg, N. 62653
Hoffmann, D.H.H. *see* Gortler, A. 62652
Hoffmann, D.H.H. *see* Gortler, A. 71563
Hoffmann, D.H.H. *see* Hofmann, I. 69647
Hoffmann, H. Studio interfaces for the packetised transmission of reduced-bit-rate video signals 99742
Hoffmann, H. *see* Petri, I. 115831
Hoffmann, J. *see* Drescher, P. 105007
Hoffmann, J. *see* Hartmann, P. 120119
Hoffmann, K. *see* Klein, P. 113950
Hoffmann, K.-H., Jun Zou Parallel solution of variational inequality problems with nonlinear source terms 61117
Hoffmann, K.P. *see* Ahbe, T. 79704
Hoffmann, L. *see* Schimpe, R. 78656
Hoffmann, M. *see* Lee, Y. 90103
Hoffmann, M.B., Buck, J.A. Erbium resonance-based dispersion effects on subpicosecond pulse propagation in fiber amplifiers: analytical studies 107158
Hoffmann, N. *see* Heimbrodt, W. 74231
Hoffmann, N. *see* Henneberger, F. 94523
Hoffmann, N. *see* Puls, J. 74377
Hoffmann, P. *see* Bremer, J. 101557
Hoffmann, P. *see* Geiger, M. 116597
Hoffmann, P. *see* Khattatov, B.V. 120783
Hoffmann, P.M. *see* Oskam, G. 114908
Hoffmann, R.G. *see* Prieto, T.E. 101072
Hoffmann, W. TL dosimetry in high LET radiotherapeutic fields 120562
Hoffmann, W. *see* Castro, C.A. 111467
Hoffmann, W. *see* Suss, W. 79326
Hoffmeister, D.C. *see* Dowd, P. 78919
Hoffmeister, H.M. *see* Wendel, H.P. 80412
Hoffmeister, J.W., Reese, G.J., Ten Eyck, R.P., Smeeks, F.C. Digital image processing for detection of wooden foreign bodies in plain radiographs of chicken thighs 70021
Hoffmeister, J.W. *see* Kocur, C.M. 70086
Hoffmeister, J.W. *see* McCandless, D.A. 90458
Hoffnagle, J.A. *see* Bernal, M.-P. 65569
Hoffnagle, J.A. *see* Lundquist, P.M. 75413
Hoffnagle, J.A. *see* Lundquist, P.M. 116785
Hoffnagle, J.A. *see* Wortmann, R. 106757
Hoffner, J. *see* Alpers, M. 70475
Hoffstadt, A. Lamp-pumped Ti:sapphire 65137
Hoffstadt, A., Kolenda, J., Ulbricht, M. New developments in flash-lamp-pumped Ti:sapphire and their applications 96192
Hoffstatter, G.H. Nonlinear dependence of synchrotron radiation on beam parameters 89818
Hoffstatter, G.H. *see* Heinemann, K. 100649
Hoffstetter, D. *see* Cacharelis, P. 63917
Hoffstrom, A. *see* Lehtinen, E. 111742
Hofheinz, W. New international equipment standards for insulation monitoring 72198
Hofker, U. *see* Stammnitz, P. 68881
Hofland, L.M., Stofel, E.J., Taenaka, R.K. Galileo probe $Li-SO_2$ battery cell life testing 80572
Hofler, A. *see* Westermann, M. 74819
Hofler, G.E., Vanderwater, D.A., DeFevere, D.C., Kish, F.A., Camras, M.D., Steranka, F.M., Tan, I.-H. Wafer bonding of 50-mm diameter GaP to AlGaInP-GaP light-emitting diode wafers 96019
Hofling, E. *see* Orth, A. 107260
Hofling, J. PC engine care: comparison of X86 and power-PC microprocessors 104604
Hofling, T. Tracking of single parameters based on adaptive parity equations for fault detection 81483
Hofling, T., Isermann, R. Fault detection based on adaptive parity equations and single-parameter tracking 121500
Hofling, T., Pfeufer, T. Detection of additive and multiplicative faults–parity space vs. parameter estimation 111989
Hofling, T., Pfeufer, T., Deibert, R., Isermann, R. Industrial actuator benchmark test–a systematic approach to an optimal FDI 112016
Hofman, G. *see* Smith, G.R. 120229
Hofman, M. The Dutch radionavigation plan 79070
Hofman, M.B.M. *see* Galjee, M.A. 101273
Hofmann, A. *see* Alexahia, Y. 79968
Hofmann, A. *see* Brandt, D. 79971
Hofmann, A. *see* Brandt, D. 89824
Hofmann, A. *see* Cornacchia, M. 79969
Hofmann, B., Rockstroh, M. Study on acoustic waveguides and reflectors for use in ultrasonic two-phase flow measurement 100393
Hofmann, B. *see* Fleischer, G. 97715
Hofmann, B. *see* Gersing, E. 120461
Hofmann, D., Karpov, S.Yu., Makarov, Yu.N., Mokhov, E.N., Ramm, M.G., Ramm, M.S., Roenkov, A.D., Vodakov, Yu.A. Use of Ta container material for quality improvement of SiC crystals grown by the sublimation technique 104136
Hofmann, D.J. *see* Froidevaux, L. 120781
Hofmann, D.M. *see* Drechsler, M. 74372
Hofmann, D.M. *see* Kowalski, B. 114744
Hofmann, F., Schafer, H., Vogelsang, T., Risch, L. A 0.4 μm quantum well p-channel MOSFET with high current 63673
Hofmann, F. *see* Dorn, L. 114435
Hofmann, F. *see* Risch, L. 84407
Hofmann, F. *see* Risch, L. 105957
Hofmann, G. *see* Braun, E. 112492
Hofmann, G. *see* Koepernik, J. 69301
Hofmann, G. *see* Neumann, N. 110156
Hofmann, H. *see* Hartmann, P. 120119
Hofmann, H. *see* Houriet, R. 72936
Hofmann, H.F., Ishibashi, K., Bird, J.P., Aoyagi, Y., Sugano, T. Illumination-induced inhomogeneity in the carrier density profile of split gate devices 74673
Hofmann, I. Application of RF-linacs to heavy-ion fusion 69587
Hofmann, I., Andreani, R., Atzeni, S., Bock, R., Deitinghoff, H., Deutsch, C., Hoffmann, D.H.H., Klein, H., Martin, S., Martinez-Val, J.M., Meyer-Ter-Vehn, J., Mohl, D., Muller, R.W., Perlado, M., Plass, G., Schempp, A., Velarde, G., Von Mollendorff, U., Wollnik, H., Zotter, B. RF linac and storage ring approach to heavy ion inertial fusion 69647
Hofmann, J.S. *see* Spinka, H. 119976
Hofmann, K. *see* Poppe, A. 72218
Hofmann, L. State-space modelling of high-voltage lines with frequency-dependent parameters 70829
Hofmann, M., Brorson, S., Mork, J., Mecozzi, A. Time-resolved four-wave mixing in semiconductor laser amplifiers 107322
Hofmann, M., Brorson, S.D., Mork, J., Mecozzi, A. Time resolved four-wave mixing technique to measure the ultrafast coherent dynamics in semiconductor optical amplifiers 75913
Hofmann, M. *see* Bischoff, S. 96353
Hofmann, M. *see* Mecozzi, A. 96651
Hofmann, P. *see* Braz, A. 81063
Hofmann, P. *see* Wang, Z.-G. 99476
Hofmann, P. *see* Wang, Z.-G. 119130
Hofmann, P. *see* Zhi-Gong Wang 73504
Hofmann, R., Gauggel, H.-P., Griesinger, U.A., Grabeldinger, H., Adler, F., Ernst, P., Bolay, H., Harle, V., Scholz, F., Schweizer, H., Pilkuhn, M.H. Realization of optically pumped second-order GaInN-distributed-feedback lasers 116467
Hofmann, R., Pfleiderer, H.-J. Electro-optic sampling system for the testing of high-speed integrated circuits using a free running solid-state laser 95120
Hofmann, R. *see* Danilewsky, A.N. 103813
Hofmann, T. *see* Bernard, N. 65023
Hofmann, Th., Taylor, R.S., Leopold, K.E., Delaporte, Ph., Sentis, M.L., Uteza, O. Transmission of high average power XeCl laser radiation through fused silica fibers 107057
Hofmann, W. Practical design of the current error trajectory control for PWM AC-drives 71757
Hofmann, W., Liang-Yuh Chen, MacDonald, N.C. Design and fabrication of micromachined electron guns (MEGs) using a multiple-level planar tungsten process 73959
Hofmann, W., Qinglong Liang Parameter adaption for field-oriented AC-drives using neural network 71762
Hofmann, W. *see* Braig, E. 121253
Hofmann, W. *see* Cebulski, B. 91808
Hofmeister, C. *see* Drew, M.A. 82172
Hofmeister, R. Enhancing long-haul performance with 1550 nm links: Adventures in supertrunking 119447
Hofmeister, R.T. *see* Cerisola, M. 88575
Hofmeister, R.T. *see* Chlamtac, I. 78735
Hofmeister, R.T. *see* Chung-Li Lu 88611
Hofmeister, T. A note on the simulation of exponential threshold weights 104500
Hofrichter, K. MHEG 5–standardized presentation objects for the set top unit environment 78177
Hofsajer, I.W., Ferreira, J.A., van Wyk, J.D. Integration of power electronics–a new manufacturing and packaging technology 93116
Hofschen, S., Wolff, I. Improvements of the two-dimensional FDTD method for the simulation of normal- and superconducting planar waveguides using time series analysis 97262
Hofschen, S., Wolff, I., Waffenschmidt, E., Berntgen, J., Heime, K. Using the 2D-FDTD method for the accurate analysis of superconducting coplanar waveguides and the design of planar rectangular inductors 114214
Hofsmoen, W.F. *see* Koehler, R. 102807
Hofstad, G.L.A.Van Der *see* Van Der Hofstad, G.L.A.
Hofstetter, D., Zappe, H.P. Monolithically integrated interferometer for optical displacement measurement 100361
Hofstetter, D., Zappe, H.P., Dandliker, R. A monolithically integrated double Michelson interferometer for optical displacement measurement with direction determination 110409
Hofstetter, D. *see* Zappe, H.P. 74958
Hofstraat, J.W. *see* Flipse, M.C. 106848
Hog, G. *see* Grajewski, F. 70937
Hoga, H. *see* Tsuboi, S. 74657
Hogan, B. *see* Calame, J.P. 100480
Hogan, B. *see* Castle, M. 62604
Hogan, B. *see* Cheng, J. 114518
Hogan, B. *see* Lawson, W. 100481
Hogan, B. *see* Lawson, W. 105055
Hogan, G.E. *see* Chen, Y.K. 69865
Hogan, G.E. *see* Szymanski, J.J. 110589
Hogan, M., Pellegrini, C., Rosenzweig, J., Travish, G., Varfolomeev, A. Status of the UCLA high-gain infrared free electron laser 76060
Hogan, M. *see* Davis, P. 89606
Hogan, M. *see* Eggers, M. 69338

Hogan, M. *see* Zhang, R. 89605
Hogan, P.A., Burrows, C.R., Edge, K.A., Atkinson, R.M., Montakhab, M.R., Woollons, D.J. Automated fault tree analysis for hydraulic systems 82326
Hogan, S.J. *see* Nowland, M.J. 112387
Hogari, K., Miyajima, Y., Furukawa, S., Tomita, N., Tomiyama, K., Ohashi, M. Wideband and highly reflective step-chirped fibre grating filter embedded in an optical fibre connector 75504
Hogarth, C.A. *see* Parris, P.K. 110208
Hogema, J., van der Horst, R. Driving behaviour under adverse visibility conditions 100338
Hogert, E.N. *see* Quintian, F.P. 79695
Hogervorst, R., Tero, J.P., Hoijising, J.H. Compact CMOS constant-g_m rail-to-rail input stage with g_m-control by an electronic zener diode 74845
Hogg, B.W. *see* Flynn, D. 81393
Hogg, B.W. *see* Geddes, D.J. 111764
Hogg, B.W. *see* Man Chengxiong 80797
Hogg, B.W. *see* Prasad, G. 91330
Hogg, D. *see* Baumberg, A. 108407
Hogg, D. *see* Fletcher, S. 70026
Hogg, D. *see* Heap, T. 108414
Hogg, D. *see* Heap, T. 117889
Hogg, D. *see* Johnson, N. 108416
Hogg, D.C. *see* Fernyhough, J.H. 67305
Hogg, D.C. *see* Xu, L.-Q. 108596
Hogg, J.C.H. *see* Mock, P. 72842
Hogg, J.H.C. *see* Chen, P. 74407
Hogg, J.H.C. *see* Ozanyan, K.B. 74168
Hogg, J.H.C. *see* Ozanyan, K.B. 74455
Hogg, R.A. *see* Peggs, D.W. 62971
Hogge, J. *see* Freedman, M. 80378
Hogge, J.-P. *see* Denison, D.R. 105034
Hogge, J.P. *see* Read, M.E. 105038
Hogge, J.P. *see* Trotz, S. 114506
Hogl, H., Kugel, A., Ludvig, J., Manner, R., Noffz, K.H., Zoz, R. Enable++: a general-purpose L2 trigger processor 100981
Hoglund, R. *(editor)* Reactor Physics Calculations in the Nordic Countries. Proceedings of the 7th Nordic Reactor Physics Meeting (VTT Symp. 159) 60365
Hogrefe, D. Validation of SDL systems 77722
Hogrefe, D., Heymer, S., Tretmans, J. Report on the standardization project “Formal methods in conformance testing” 118113
Hogrefe, D. *see* Grabowski, J. 118736
Hogrefe, R. *see* Kim, S.H. 89787
Hogstedt, K. *see* Karri, R. 104269
Hogstrom, K.R. *see* Davis, M.G. 80441
Hoh, C.K. *see* Dahlbom, M. 101111
Hoh, C.K. *see* Yang, J. 90440
Hoh, K. *see* Mita, Y. 115196
Hoh, L. *see* Hsu, S.S. 120500
Hohbach, R. *see* Mitra, A.K. 100422
Hohenberg, G. *see* Aller, I. 89027
Hohkawa, K., Komine, K., Araki, N., Suzuki, H. Surface acoustic wave devices for pulse position modulated spread spectrum communication systems 109330
Hohkawa, K., Suzuki, H., Huang, Q.S., Noge, S. Fabrication of surface acoustic wave semiconductor coupled devices using epitaxial lift-off technology [GaAs-$LiNbO_3$ structure] 106455
Hohkawa, K., Suzuki, H., Komine, K., Qixin Huang Surface acoustic wave semiconductor coupled devices employing epitaxial lift-off films 84738
Hohkawa, K. *see* Komine, K. 84737
Hohkawa, K. *see* Komine, K. 106419
Hohkawa, K. *see* Noge, S. 104112
Hohl, C. *see* Steinhausen, C. 101201
Hohmann, H. *see* Klett, M. 109883
Hohnsdorf, F. *see* Protzmann, H. 103889
Hohwieler, E., Berger, R. Modular conception for programming production tasks 72327
Hohzaki, R., Fujii, S., Sandoh, H. A shortest path problem on the network with AGV-type time-windows 60836
Hoi Hwan Chung, Byeong Kwon Ju, Myung Hwan Oh, Kwan Soo Chung Study on formation of W-silicide in the doped-phosphorus poly-Si/SiO_2/Si-substrate 84240
Hoi Rin Kim *see* Young Mok Ahn 97622
Hoi-Jin Choi, Hyung-Yong Ra, Seong-Gyoon Kim, Dong-Ik Kim Silicon single-crystal growth by heat exchanger method 82585
Hoi-Man Yip, Pong, T.C. Exploiting spatiotemporal coherence for motion correspondence in long sequences 86825
Hoijising, J.H. *see* Hogervorst, R. 74845
Hoile, G.A. *see* Williams, K. 117085
Hoinville, J.R. *see* Rice, P. 115670
Hoisko, S. *see* Hakkaralnen, H. 113992
Hojjat, N. *see* Chow, Y.L. 83348
Hojjatoleslami, S.A., Kittler, J. Detection of clusters of microcalcification using a k-nearest neighbour classifier 80329
Hojo, H. *see* Kobayashi, T. 100162
Hojo, J.-I. *see* Michishita, K. 80596
Hojo, J.-I. *see* Zaima, E.-I. 121249
Hojoong Kim *see* Byungryong Kang 72393
Hojstrup, J. *see* Barthelmie, R.J. 102567
Hok, B., Bluckert, A., Sandberg, G. A non-contacting sensor system for respiratory air flow detection 90320
Hok, B. *see* Rangsten, P. 84631
Hokazono, A. *see* Itoh, M. 115371
Hokazono, A. *see* Kawarada, H. 113294
Hoke, C. *see* Jianlin Li 110302
Hoke, J.A., Burkes, E.J., Jr., Gomes, E.D., Hooper, B.A., Wolbarsht, M.L. The effect of free electron laser exposure on tooth structure 80461
Hoke, W. *see* Somerville, M.H. 106088
Hoke, W.E., Lemonias, P.J., Weir, D.G., Hendriks, H.T., Chou, L.-J., Hsieh, K.C. $In_{1-x}Al_xP$/InAlAS/InGaAs and InAlAs/$InAs_{0.3}P_{0.7}$ high-electron mobility transistor structures grown by solid source molecular beam epitaxy 84484
Hoke, W.E. *see* Hur, K.Y. 93787
Hokimoto, A., Kurihara, K., Nakajima, T. An approach for constructing mobile applications using service proxies 87709
Hokkanen, A. *see* Kiiveri, P. 100376
Hokland, J.H., Kelly, P.A. Markov models of specular and diffuse scattering in restoration of medical ultrasound images 90376
Hokosaki, M., Tsujimura, R., Yamaguchi, T. Automatic systems for high-speed mask data processing 63512
Hokyung Kim, Sungtae Park An approach for recognition by 2D shape description with noise reduction 86982
Hol, J. *see* Streitz, N.A. 67876
Holambe, R.S., Ray, A.K., Basu, T.K. Phase-only blind deconvolution using bicepstrum iterative reconstruction algorithm (BIRA) 108578
Holan, B. *see* Kravchuk, V. 85158
Holbrook, B. *see* Lin, F. 100985
Holbrook, D.S., Resor, G.L. Micropatterning for AMLCD fabrication 89426
Holburn, D.M., Anstey, M., Jordan, D.S., Hawkins, C.E. A novel architecture to facilitate disassembly and reuse of electronic components and sub-assemblies 72358
Holc, J. *see* Hrovat, M. 62378
Holc, J. *see* Hrovat, M. 81736
Holc, J. *see* Kuscer, D. 81735
Holc, J. *see* Susnik, D. 81737
Holcomb, D.E. *see* Hastings, M.C. 75998
Hold, B. *see* Gillingham, P. 73395
Holden, A.P., Lord, D.G., Grundy, P.J. Transmission electron microscopy of Terfenol-D crystals 64244
Holden, A.P., Lord, D.G., Grundy, P.J. Surface deformations and domains in Terfenol-D by scanning probe microscopy 75113
Holden, D.N. *see* Shao, X.M. 111227
Holden, D.N. *see* Smith, D.A. 80619
Holden, H. Predicting cost tradeoffs in design for manufacturing (DFM) [PCB] 104938
Holden, H. PCB build-up technologies 114425
Holden, H., Peddle, D., LeDrew, E. Fluorescence as a potential indicator of coral health 111256
Holden, H.M. *see* Peddle, D.R. 111243
Holden, J.M. *see* Wahab, M.A. 87160
Holden, L.S. Valve-regulated lead/acid batteries: they are not all the same! 112263
Holden, M. *see* Zeitoun, Ph. 75781
Holden, M. *see* Zhang, J. 96102
Holden, P.B. *see* Rus, B. 116314
Holdener, F.R., Behne, D., Hathawa, D., Kishiyama, K., Mugge, M., Stoeffl, W., van Bibber, K., Perkins, C., Daly, E.F., Hoyt, E., Hoyt, M., Nordby, M., Seeman, J., Wright, D. Test results of a combined distributed ion pump/non-evaporable getter pump design developed as a proposed alternative pumping system for the PEP-II asymmetric B-factory collider 100432
Holdener, F.R. *see* Wienands, U. 89916
Holder, D.S. *see* Boone, K.G. 120459
Holder, H. *see* Zequn Mei 83594
Holder, H.A. *see* Vander Plas, H.A. 103421
Holder, H.A. *see* Zequn Mei 103420
Holder, L.B. *see* Cook, D.J. 77139
Holder, L.B. *see* Cook, D.J. 119737
Holder, L.E. *see* Cao, Z.-J. 101164
Holder, M. *see* Akesson, T. 69833
Holdrich, R.R. Frequency analysis of non-stationary signals using a time-frequency mapping of the DFT magnitude 97686
Holdsworth, D.W. *see* Medynsky, A.O. 70080
Hole, C.R.J. *see* Ryan, D.T. 95411
Hole, K.J., Ytrehus, O. Further results on cosets of convolutional codes with short maximum zero-run lengths 66296
Hole, R.A., Broadbent, J.T. Defences against fire hazards in AGR and PWR cabling installations 81249
Holebrook, S., Mattera, T., Hutchings, C. Channel 5 distribution 119115
Holecz, F., Michel, T.R., Keller, M. Calibration and classification of SIR-C SAR data in moderate slope areas 120893
Holee Nan *see* Luguang Yan 95554
Holejko, K., Siuzdak, J. System for velocity and positioning tracking and recording of a moving object 110381
Holeman, D.L. Impact of 1-meter GPS navigation on warfighting 70622
Holen, A.T., Kvennas, O., Heggset, J., Stolen, I. “Netbas reliability”: transmission system and delivery point reliability assessment 102035
Holen, A.T. *see* Suzuki, H. 90942
Holeva, L.F. Foreground-background segmentation of optical character recognition labels by a single-layer recurrent neural network 108716
Holford, K.M. *see* Fredericks, L.C. 93007
Holford, S., Agathoklis, P. The use of model reduction techniques for designing IIR filters with linear phase in the passband 117310
Holfort, J. *see* Muller, T.J. 70503
Holgado, S., Martinez, J., Garrido, J., Morant, C., Piqueras, J. Rapid solid phase crystallization of nanocrystalline silicon deposited by electron cyclotron plasma chemical vapor deposition 104149
Holgate, S.T. *see* Fleming, J.S. 90315
Holikatti, S.G. *see* Deshmukh, L.P. 104081
Holl, M.W. *see* Mall, S. 61460
Holl, P., Rehak, P., Ceretto, F., Faschingbauer, U., Wurm, J.P., Castoldi, A., Gatti, E. A 55 cm^2 cylindrical silicon drift detector 110558
Holl, P. *see* Brauninger, H. 90702
Holl, P. *see* Castoldi, A. 110559
Holl, P. *see* Faschingbauer, U. 110557
Holl, P. *see* Meidinger, N. 106053
Holl, P. *see* Mours, B. 100821
Holl, P. *see* Mours, B. 120196
Holl, P. *see* Soltau, H. 110553
Holladay, K.L. Calibrating HART transmitters: microprocessor is big difference 88894
Holland, A. *see* Gifford, P.R. 71668
Holland, A.D. X-ray spectroscopy using MOS CCDs 110552
Holland, A.J. *see* Galloway, S.A. 81889
Holland, A.J. *see* Galloway, S.A. 81899
Holland, C. *see* Ehrichs, R. 88114
Holland, C.E. *see* Spindt, C.A. 74005
Holland, C.E. *see* Spindt, C.A. 83743
Holland, C.K., Clancy, M.J., Taylor, K.J.W., Alderman, J.L., Purushothaman, K., McCauley, T.R. Volumetric flow estimation in vivo and in vitro using pulsed-Doppler ultrasound 90472
Holland, E. *see* Bishop, G. 79029
Holland, E.R. *see* Halliday, D.P. 94317
Holland, K.R., Morfey, C.L. A model of nonlinear wave propagation in horns 109962
Holland, M. *see* Wendel, M. 62954
Holland, M.C., Stanley, C.R. Comparison of (Al,Ga)As(110) grown by molecular beam epitaxy with As_2 and As_4 82687
Holland, M.C. *see* Barton, C.J. 62931
Holland, M.C. *see* Borsosfoldi, Z. 63810
Holland, M.C. *see* Cumming, D.R.S. 104408
Holland, M.C. *see* Lockwood, D.J. 62996
Holland, M.P. Collaborative technologies in inter-university instruction 118476
Holland, O.W., Fathy, D., Sadana, D.K. Formation of ultrathin, buried oxides in Si by O^+ ion implantation 94669
Holland, O.W. *see* Gardner, J. 74523
Holland, O.W. *see* Rao, M.V. 105589
Holland, P.C. *see* Truscott, J.G. 80254
Holland, R. Two-pass finite-difference time-domain (FDTD) calculations on a fighter aircraft 70311
Holland, R. *see* Fogler, R.J. 80342
Holland, R.G., Marietta, M., Kritikos, H.N. Applications of wavelet analysis to radar 78977
Holland, S. *see* King, E.E. 69818
Holland, W.R. *see* Grimes, G.J. 116290
Holland, W.S., Ade, P.A.R., Griffin, M.J., Hepburn, I.D., Vickers, D.G., Cunningham, C.R., Hastings, P.R., Gear, W.K., Duncan, W.D., Baillie, T.E.C., Haller, E.E., Beeman, J.W. 100 mK bolometers for the submillimetre common-user bolometer array (SCUBA). I. Design and construction 79101
Hollander, B. *see* Rudiger, U. 84816
Hollands, M.A. *see* Marple-Horvat, D.E. 110664
Hollars, D. *see* Reed, W. 115676
Hollaway, L. *see* Hadjiprocoplou, M. 110175
Hollberg, L., Marquardt, J., Stephens, M., Fox, R.W. Diode lasers and spectroscopy 65593
Hollberg, L. *see* Petrov, K.P. 65592
Hollberg, L. *see* Petrov, K.P. 96395
Hollberg, L. *see* Pfister, O. 107612
Hollberg, L. *see* Tittel, F.K. 111300
Hollberg, L. *see* Vasil’ev, V.V. 107329
Hollberg, L. *see* Zibrov, A.S. 96116
Holle, J. *see* Thoma, H. 120534
Holleck, H. *see* Quandt, E. 82782
Holleman, J. *see* Rem, J.B. 84424
Holleman, J. *see* Salm, C. 84531
Hollemann, G., Muller, H., Voelckel, H. High-power cw diode-pumped Nd:YAG rod lasers for industrial applications 107165
Hollenbach, U., Eckstein, H., Fabricius, N., Krause, M., Kobayashi, S. Polarization dependent losses of integrated optical splitters in glass 95792
Hollenbeck, I. *see* Mahlstedt, U. 61761
Hollenkamp, A.F. When is capacity loss in lead/acid batteries ‘premature’? 112261
Hollenkamp, A.F., Lam, L.T., Phyland, C.G., Wilson, N.C. Evaluation of lead/acid batteries under simulated electric-vehicle duty: development of deign parameters on the basis of SFUDS performance 112571
Hollenstein, C. *see* Macarico, A. 92906
Holler, E. *see* Cronyn, W. 109784
Holler, F., Wober, J., Barac, I., Gibbons, G. Repowering of the Kelenfold district heating plant 102489
Hollerbach, J.M. *see* Aghili, F. 91468
Holley, K.A. Global system for mobile communications: what’s in store? 109373
Holley, W.H., Galica, J.P., Agro, S.C., Yorgensen, R.S., Ezrin, M., Klemchuk, P., Lavigne, G. Advanced development of non-discoloring EVA-based PV encapsulants 112388

Hollfelder, M. *see* Horstmann, M. 89103
Hollfelder, M. *see* Horstmann, M. 96068
Hollfelder, M. *see* Horstmann, M. 100045
Hollfelder, M. *see* Leuther, A. 63775
Hollfelder, M. *see* Schimpf, K. 104836
Hollick, M.J. *see* Badler, N.I. 80164
Holliday, A., Ejim, T.I., Gahr, S.A., Munie, G.C., Lockwood, R.J., Tashjian, G.P. Designed experiment to evaluate assembly defect drivers for plastic BGA packages 92235
Holliday, A. *see* Ejim, T.I. 92242
Holliday, C.R. The residential gateway: a home traffic cop 67961
Holliday, D., DeRaad, L.L., St-Cyr, G.J. Forward-backward: a new method for computing low-grazing angle scattering 65761
Holliday, D. *see* Rashid, T. 121746
Hollier, P. *see* Durpaire, J.P. 70545
Holliger, K. *see* Robertsson, J.O.A. 101501
Holliger, K. *see* Robertsson, J.O.A. 101564
Holling, G.H., Yeck, M.M. Full custom integrated circuits for the medium volume OEM 83013
Holling, G.H., Yeck, M.M. Full custom integrated circuits for the medium volume OEM 84518
Hollinger, G. *see* Bearzi, E. 94369
Hollinger, G. *see* Besland, M.P. 105499
Hollinger, G. *see* Drouot, V. 106056
Hollinger, G. *see* Maigne, P. 92686
Hollinger, G. *see* Meva'a, C. 94371
Hollinger, G. *see* Porte, L. 82620
Hollingum, J. RF tags overcome European hurdles 118776
Hollingum, J. Vehicle sensing gets an inflated image 119629
Hollingworth, J. *see* Lewis, C.P. 99805
Hollins, R. *see* Lindsay, G. 85595
Hollis, D.R. Measuring worldwide connectivity: expansion of the Internet 98632
Hollis, H.D., Arno, R.G., Briggs, S.J., Hale, P.S., Jr. Operational maintenance data for power generation distribution and HVAC components 72201
Hollis, M.A. *see* Bozler, C.O. 74062
Hollis, M.A. *see* Kodis, M.A. 105010
Hollis, R. Update on mobile satellite services 88265
Hollmann, D., Baumann, G., Heilig, R. Nonlinear monolithic circuits in coplanar waveguide technology for receiver applications up to 55 GHz 62303
Hollmann, H. *see* Stubenrauch, C.F. 108058
Hollmann, H.D.L., Vanroose, P. Entropy reduction, ordering in sequence spaces, and semigroups of non-negative matrices 66209
Hollnagel, E. Reliability analysis and operator modelling 72353
Holloman, J. *see* Pops, H. 62398
Holloway, D. *see* Monaco, J. 83148
Holloway, L.A. *see* Pfingst, B.E. 110929
Holloway, L.E. *see* Pandalai, D.N. 79260
Holloway, P.H. *see* Baldwin, F. 115022
Holloway, P.H. *see* Fijol, J.F. 94596
Holloway, P.H. *see* Rack, P.D. 96013
Holloway, P.H. *see* Swart, H.C. 95964
Holloway, P.H. *see* Trexler, J.T. 74463
Holloway, P.H. *see* Viljoen, P.E. 105126
Hollowell, B. *see* Smith, S. 110384
Holls, W.M. III. *see* Horner, S.L. 101350
Hollung, S., Shiroma, W., Markovic, M., Popovic, Z.B. A quasi-optical isolator 62193
Hollung, S. *see* Markovic, M. 93784
Hollung, S. *see* Popovic, Z. 88106
Hollung, S. *see* Shiroma, W.A. 99096
Hollung, S. *see* Taub, J.J. 114239
Holm, A., Weigel, R., Russer, P., Ruile, W. A laser probing system for characterization of SAW propagation on $LiNbO_3$, $LiTaO_3$, and quartz 95329
Holm, B. *see* Priolo, F. 94710
Holm, E. *see* Johansson, L. 100905
Holm, E.A. *see* Hosking, F.M. 104943
Holm, H., Maischak, M., Stephan, E.P. The hp-version of the boundary element method for Helmholtz screen problems 92629
Holm, J. The photographic sensitivity of electronic still cameras 89150
Holm, L. *see* Gingrich, D.M. 100934
Holm, P.D. UTD-diffraction coefficients for higher order wedge diffracted fields 76373
Holm, S., Toft, P., Jensen, M. Estimation of the noise contributions from blank, transmission and emission scans in PET 90451
Holm, S., Toft, P., Jensen, M. Estimation of the noise contributions from blank, transmission and emission scans in PET 101288
Holma, H., Toskala, A., Hottinen, A. Performance of CDMA multiuser detection with antenna diversity and closed loop power control 109441
Holma, H. *see* Hottinen, A. 88389
Holman, A.E., Laman, C.D., Scholte, P.M.L.O., Heerens, W.Chr., Tuinstra, F. A calibrated scanning tunneling microscope equipped with capacitive sensors 79383
Holman, E.R., Van Rossum, A.C., Doesburg, T., Van der Wall, E.E., de Roos, A., Visser, C.A. Assessment of acute myocardial infarction in man with magnetic resonance imaging and the use of a new paramagnetic contrast agent gadolinium-BOPTA 69986
Holman, R. *see* Gitkind, N. 75609
Holman, W.T. A new temperature compensation technique for bandgap voltage references 113722
Holmberg, J. Risk follow-up by probabilistic safety assessment–experience from a Finnish pilot study [nuclear power plants] 102364
Holmberg, J., Pulkkinen, U., Reiman, L., Virolainen, R. Regulatory decision making by decision analysis [nuclear plants] 71053
Holmberg, J. *see* Lehtinen, E. 111742
Holmberg, K., Jornsten, K. A simple modification of Dantzig-Wolfe decomposition 82440
Holmberg, K., Jornsten, K. Solving the generalized knapsack problem with variable coefficients 91034
Holmberg, M., Dale, S., Elmqvist, H., Lindstrom, C., Bone, D., Jorfeldt, L. Collimator design and manufacturing for a mobile tomographic gamma camera system based on ectomography 101259
Holmberg, M. *see* Dale, S. 101095
Holmberg, P., Bergqvist, A., Engdahl, G. Modelling eddy currents and hysteresis in a transformer laminate 106619
Holmberg, S. *see* Syroid, D. 89333
Holme, N.C.R., Ramanujam, P.S., Hvilsted, S. 10000 optical write, read, and erase cycles in an azobenzene sidechain liquid-crystalline polyester 75415
Holme, N.C.R., Ramanujam, P.S., Hvilsted, S. Photoinduced anisotropy measurements in liquid-crystalline azobenzene side-chain polyesters 95637
Holme, S.C. *see* Fiedziuszko, S.J. 93776
Holmen, G. *see* Songsiriritthigul, P. 114554
Holmen, J.O. *see* Akinwande, A.I. 79624
Holmer, A.-K. Simultaneous machining of parallel grooves in SnO_2 thin films using a Nd:YAG laser and a kinoform 72270
Holmes, A. *see* Muller, J. 85313
Holmes, A.B. *see* Baigent, D.R. 64982
Holmes, A.B. *see* Cacialli, F. 75759
Holmes, A.B. *see* Cervini, R. 72968
Holmes, A.B. *see* Grimsdale, A.C. 75702
Holmes, A.B. *see* Halls, J.J.M. 64901
Holmes, A.B. *see* Halls, J.J.M. 75723
Holmes, A.B. *see* Halls, J.J.M. 96024
Holmes, A.K. *see* Challis, R.E. 92983
Holmes, A.L. *see* Islam, M.R. 62906
Holmes, A.L., Jr., Heimbuch, M.E., Fish, G., Coldren, L.A., Denbaars, S.P. InP-based multiple quantum well structures grown with tertiarybutylarsine (TEA) and tertiarybutylphosphine (TBP): effects of growth interruptions on structural and optical properties 94508
Holmes, A.L., Jr. *see* Hu, E.L. 94808
Holmes, C. *see* Cronyn, W. 109784
Holmes, C. *see* Sampayan, S. 89780
Holmes, D. *see* Ladd, S.K. 83665
Holmes, D.G. The significance of zero space vector placement for carrier-based PWM schemes 112114
Holmes, D.M., Belk, J.G., Sudijono, J.L., Neave, J.H., Jones, T.S., Joyce, B.A. Different growth modes in GaAs(110) homoepitaxy 82593
Holmes, J.S. Low power system design: selecting the right μP 83130
Holmes, M.A. *see* Doster, J.M. 121311
Holmes, M.J. *see* Davey, R.P. 78709
Holmes, M.L. *see* Ludwick, S.L. 100320
Holmes, P.G. *see* Cirstea, M.N. 71795
Holmes, P.G. *see* Cirstea, M.N. 121953
Holmes, P.G. *see* Downes, D. 71315
Holmes, P.G. *see* Elsonbaty, N. 102508
Holmes, P.G. *see* Williams, A.A. 102515
Holmes, P.J. *see* Ghrist, R.W. 104292
Holmes, R.B., Ma, S., Bhowmik, A., Greninger, C. Aperture-synthesis techniques that use very-low-power illumination 77196
Holmes, R.D. *see* Brosey, B.H. 81240
Holmes, R.D. *see* Byrne, J.J. 81237
Holmes, R.H. *see* Swan, J.M. 90057
Holmes, R.M. *see* Yamamoto, R.M. 90187
Holmes, S. *see* Bogert, D. 79929
Holmes, S. *see* Conley, W. 105758
Holmes, S.D., Holt, J.A., Johnstone, J., Marriner, J., Martens, M., McGinnis, D. 132 nsec bunch spacing in the Tevatron proton-antiproton collider 79938
Holmes, S.N. *see* Matsumura, A. 62821
Holmes, S.N. *see* Sander, T.H. 105405
Holmes, T.E., Dingley, C.E. Potential for supplying remote communities by tapping from HV lines 102146
Holmes, W.H. *see* Mohammadi, H.R.S. 76884
Holmes, W.S. *see* Keam, R.B. 100279
Holmes-Siedle, A., Christensen, P., Adams, L., Seifert, C.-C. Modelling CMOS radiation tolerance in the high-dose range 106220
Holmgren, B. *see* Hvidsten, S. 102168
Holmgren, S., Otto, K. Semicirculant solvers and boundary corrections for first-order partial differential equations 61054
Holmgren, T., Asplund, G., Hidman, P., Jonsson, U., Kraftnat, S., Valdemarsson, S., Loof, O. A test installation of a self-tuned AC filter in the Konti-Skan 2 HVDC link 91122
Holmolka, J. *see* Jacobsen, E.R. 69762
Holmquist, T. *see* Rogers, J.T. 100525
Holmstedt, C. *see* Tarasov, M. 73702
Holmstedt, C. *see* Vystavkin, A. 75349
Holmstrom, K.J., Ruether, J.C. EPRI activities on commercial grade dedication of digital computers used in safety systems in nuclear power facilities 102377
Holonuak, N., Jr. *see* Chen, E.I. 75929
Holonyak, N., Jr. *see* Evans, P.W. 75940
Holonyak, N., Jr. *see* Evans, P.W. 116536
Holopkin, A. *see* Koops, H.W.P. 105807
Holowecky, A. *see* Homsy, N. 62482
Holowinski, M. *see* Weggel, R.J. 96974
Holowinski, M. *see* Williams, J.E.C. 95531
Holscher, A. *see* Keller, M. 100969
Holsheimer, J. *see* Struijk, J.J. 101406
Holsinger, R.F. Permanent magnet beam transport 89786
Holst, G.C. Sampling, aliasing, and target appearance 79556
Holst, P.A. Svein Rosseland and the Oslo analyzer 112699
Holstein, D., Ninnis, T., Cooke, J., Schoemehl, T., Ballagh, P., Wong, M., Chiang, N., Ma, B., Kopeck, R., Shumaker, J., Quinn, B. Millimeter wave power module for wireless applications 93764
Holt, A.R. *see* Hardaker, P.J. 80651
Holt, B. *see* Chang, C.Y. 111171
Holt, B. *see* Deis, G. 106719
Holt, J. *see* Tenenbaum, P. 89675
Holt, J.A., Martens, M.A., Michelotti, L., Goderre, G. Calculating luminosity for a coupled Tevatron lattice 79944
Holt, J.A. *see* Alexandrof, V.A. 100628
Holt, J.A. *see* Bharadwaj, V. 89676
Holt, J.A. *see* Holmes, S.D. 79938
Holt, M.J. *see* Tsang, R.S. 72927
Holt, P. *see* Giuma, T.A. 103327
Holt, P.O. *see* Russell, G.T. 90824
Holt, R. *see* Day, M. 117982
Holt, R.J., Huang, T.S., Netravali, A.N. Algebraic methods for image processing and computer vision 77264
Holt, R.J., Netravali, A.N. Uniqueness of solutions to structure and motion from combinations of point and line correspondences 86347
Holt, R.J. *see* Bruckstein, A.M. 86351
Holt, R.J. *see* Jones, C.E. 110529
Holt, S.D. Difficulties and solutions in cross-sectioning microelectronic materials 95110
Holt, T. *see* Panzner, M. 92916
Holtan, C. *see* Dumur, D. 81417
Holtey, G.von *see* von Holtey, G.
Holti, R. Corporate changes which involve information and communication technology 60519
Holtkamp, N. The S-band Linear Collider Test Facility 89587
Holtkamp, N. The status of the S-band linear collider study 89658
Holtkamp, N. *see* Dohlus, M. 89660
Holtkamp, N. *see* Khabiboulline, T. 100505
Holtkamp, N. *see* Moser, H.O. 79772
Holtkamp, N. *see* Romanov, G. 89958
Holtkamp, N. *see* Schmitz, M. 90079
Holtmann, Ch., Besse, P.-A., Melchior, H. High power superluminescent diodes for 1.3 μm wavelengths 106991
Holtmann, U. *see* Seawright, A. 113671
Holtom, C. Vertical sampling ensures accurate results [signal analysis] 100178
Holtom, E. *see* Baynham, D.E. 90035
Holtta, V. *see* Makela, K. 90409
Holtz, D.J. *see* McKinnon, G.C. 80349
Holtz, J. On the spatial propagation of transient magnetic fields in AC machines 103075
Holtz, K. Data compression for disc files and communication networks 66529
Holtz, K. The evolution of lossless data compression techniques 66782
Holtz, K. Autosophy networks yield self-learning robot vision 67208
Holtz, P.O., Zhao, Q.X., Ferreira, A.C., Monemar, B., Pasquarello, A., Sundaram, M., Merz, J.L., Gossard, A.C. Magnetic field perturbation of a shallow acceptor and its bound exciton confined in GaAs/AlGaAs quantum wells 62743
Holtz, P.O. *see* Buyanov, A.V. 74258
Holtz, P.O. *see* Cao, S.M. 114765
Holtz, P.O. *see* Ferreira, A.C. 62963
Holtz, P.O. *see* Ferreira, A.C. 105400
Holtzapple, R.L., Decker, F.-J., Jobe, R.K., Simpopoulos, C. Measurements of longitudinal phase space in the SLC linac 89866
Holtzapple, R.L., Siemann, R.H., Simopoulos, C. Measurements of longitudinal dynamics in the SLC damping rings 100529
Holtzapple, R.L. *see* Bane, K. 89979
Holtzclaw, K.W. *see* Davis, S.J. 107054
Holtzhausen, J.P. *see* van Wyk, L. 102204
Holtzman, J. *see* Kumar, P.S. 88388
Holtzman, J. *see* Mandayam, N.B. 99178
Holtzman, J.M. *see* Giner, V.C. 109433
Holtzman, J.M. *see* Mandayam, N.B. 118863
Holtzman, J.M. *see* Ning Zhang 88373
Holtzman, J.M. *see* Sampath, A. 87964
Holtzman, J.M. *see* Sampath, A. 118958
Holub, M. *see* Lantz, G. 110824
Holub-Krappe, E. *see* Aminpirooz, S. 84205
Holubek, A. *see* Vermeiren, W. 72245
Holubowicz, W. 1990s–the decade of pan-European digital standards in wireless communications 99094
Holvast, J. Codes of ethics: discussion paper 103292
Holweg, E.G.M., Hoeve, H., Jongkind, W., Marconi, L., Melchiorri, C., Bonivento, C. Slip detection by

tactile sensors: algorithms and experimental results 89514
Holy, V. *see* Springholz, G. 103886
Holyoak, J.N. *see* Minin, V.A. 91861
Holz, A. *see* Yamazaki, Y. 113659
Holz, R., Lourdudoss, S. Highly resistive GaInP:Fe/GaAs for selective embedment of GaAs based heterostructures 105237
Holzbaur, H. *see* Newman, D. 78265
Holzbaur, H. *see* Newman, D. 118482
Holzbrecher, H. *see* Leuther, A. 62808
Holzbrecher, H. *see* Stimmer, J. 75743
Holzer, B.J. Impact of persistent currents on accelerator performance 120070
Holzer, N.J. *see* Wistisen, B.A. 103180
Holzinger, M., Maier, J., Sitte, W. Potentiometric CO$_2$-sensor with open reference electrode 69358
Holzknecht, N.G. *see* Gauger, J. 120284
Holzlein, K., Mitlehner, H., Rupp, R., Stein, R., Peters, D., Volkl, J., Stephani, D. Annealing behavior and electrical properties of boron implanted 4H-SiC-layers 105595
Holzman, E.L. An approximate method for determining the noise parameters of a MESFET or HEMT 73696
Holzman, E.L. Intercept points of active phased array antennas 86009
Holzmann, M., Baumgartner, P., Engel, C., Nutzel, J.F., Abstreiter, G., Schaffler, F. Fabrication of n- and p-channel in-plane-gate transistors from Si/SiGe/Ge heterostructures by focused laser beam writing 63792
Holzmann, M. *see* Nutzel, J.F. 113330
Holzmann, M.T. Designing for solid solder deposits 83591
Holzmann, M.T. Solid solder deposits (SSD): an enabling technology for fine pitch assembly 94056
Holzmann, P.J., Wiegerink, R.J., Gierkink, S.L.J., Wassenaar, R.F., Stroet, P. A low-offset low-voltage CMOS op amp with rail-to-rail input and output ranges 104377
Holzreiter, S., Jennings, S. Programming language for motion analysis 101067
Holzscheiter, M.H., Feng, X., Goldman, T., King, N.S.P., Lewis, R.A., Nieto, M.M., Smith, G.A. Are antiprotons forever? 79984
Holzwarth, T. *see* Pfost, M. 63908
Holzwarth, T. *see* Pfost, M. 115321
Holzworth, R.H. *see* Seliga, T.A. 120761
Hom, C.L., Brown, S.A., Shankar, N. Constitutive and failure models for relaxor ferroelectric ceramics 104194
Hom, I., Granacki, J. Estimation of the number of routing layers and total wirelength in a PCB through wiring distribution analysis 114413
Homan, S. *see* Leight, J.E. 88486
Homann, D. *see* Bahr, D. 89243
Homar, M., Balle, S., San Miguel, M. Mode competition in a Fabry-Perot semiconductor laser: travelling wave model with asymmetric dynamical gain 116559
Homar, M., Mirasso, C.R., Esquivias, I., San Miguel, M. Modulation response of quantum-well lasers with carrier transport effects under weak optical feedback 76033
Homayoun, F. *see* Grandhi, S.A. 109484
Hombach, V., Meier, K., Burkhardt, M., Kuhn, E., Kuster, N. The dependence of EM energy absorption upon human head modeling at 900 MHz 120539
Hombach, V. *see* Cooper, J. 110958
Homberg, F. *see* Pauli, M. 92776
Homburg, D., Paroth, V. CE-approval for electromagnetic compatibility 97166
Homce, G.T., Thalimer, J.R. Reducing unscheduled plant maintenance delays–field test of a new method to predict electric motor failure 71967
Home, D. *see* Hu, B.H.L. 115661
Home, G.S., Drozdyk, L.P., Rellick, J.R., Draudt, R.R., Sawhill, H.T. Silver and mixed metal solutions for LTCC applications 83641
Home, W.E. *see* Martin, P.M. 91762
Homeier, H.H.H. Analytical and numerical studies of the convergence behaviour of the $\mathcal{J}$ transformation 72732
Homenko, M. *see* Ablameyko, S. 97931
Homer, J., Longstaff, I.D., Callaghan, G. High resolution 3-D SAR via multi-baseline interferometry 111146
Homer, S. *see* Zhixiang Chen 103580
Homer, S., Cai, J.-Y. *(editors)* Proceedings Eleventh Annual IEEE Conference on Computational Complexity (Formerly: Structure in Complexity Theory Conference) (Cat. No.96CB35951) 72093
Homewood, K.P. *see* Nohavica, D. 103903
Homewood, K.P. *see* Yang, Z. 62780
Homeyer, H. *see* Engels, O. 100746
Homeyer, H. *see* Schempp, A. 89704
Homma, A., Sawamura, T., Yamazaki, H., Ohkuma, J., Okuda, S., Yamamoto, T., Suemine, S., Tsumori, K. Measurement of the time profile of a single-bunch electron beam with wireline pickup by considering the wake-field effect 69608
Homma, K. *see* Ishikawa, T. 67989
Homma, K. *see* Tanaka, N. 109282
Homma, K. *see* Uesugi, M. 109561
Homma, K. *see* Watanabe, M. 108806
Homma, M. *see* Saito, K. 64195
Homma, M. *see* Watanabe, M. 115541
Homma, S., Takanashi, M., Koga, J., Matsumoto, S., Ozawa, M. An approach for evaluating equilibrium and rate constants for the reaction of Np(V) with nitric acid in the Purex process using process data 121332
Homma, T., Kurokawa, Y., Nakamura, T., Osaka, T., Otsuka, I. Magnetic force microscopy analysis of the micromagnetization mode of double-layered perpendicular magnetic recording media 64460
Homma, T., Saltelli, A. Importance measures in global sensitivity analysis of nonlinear models 60700
Homma, T. *see* Kubo, A. 61410
Homma, T. *see* Kurokawa, Y. 115770
Homma, Y., Osaka, J., Inoue, N. Secondary electron imaging of nucleation and growth of GaAs 82708
Homma, Y., Tanaka, S., Nozaki, M., Fukui, H. Simulation of pulse shape of the prototype Thin Gap Chamber for the ATLAS detector 69779
Homma, Y. *see* Higashi, Y. 63146
Homma, Y. *see* Hinode, K. 94831
Homma, Y. *see* Inoue, N. 105537
Hommel, D., Behr, T., Kurtz, E., Jobst, B., Schuell, K., Jakobs, A., Nuernberger, J., Einfeldt, S., Behringer, M., Landwehr, G. On the growth and doping of blue-green emitting ZnSe laser diodes 75944
Hommel, D. *see* Albert, D. 74204
Hommel, D. *see* Bacher, G. 62895
Hommel, D. *see* Baeume, P. 74199
Hommel, D. *see* Behr, T. 72790
Hommel, D. *see* Diessel, A. 75957
Hommel, D. *see* Ebeling, W. 75963
Hommel, D. *see* Eisert, D. 75948
Hommel, D. *see* Hoffmann, A. 62803
Hommel, D. *see* Hoffmann, A. 74210
Hommel, D. *see* Jakobs, A. 75954
Hommel, D. *see* Jobst, B. 74155
Hommel, D. *see* Kubacki, F. 94486
Hommel, D. *see* Kurtz, E. 74207
Hommel, D. *see* Neukirch, U. 74252
Hommel, D. *see* Spahn, W. 72788
Hommel, D. *see* Wenisch, H. 74154
Hommel, D. *see* Wundke, K. 74242
Hommel, H. *see* Lacomme, P. 111407
Hommerich, U. *see* MacKenzie, J.D. 113287
Homola, A. *see* Run-Han Wang 115761
Homola, A.M. Lubrication issues in magnetic disk storage devices 64412
Homolka, J. *see* Gernhaeuser, R. 69126
Homsey, C.M. *see* Feggeler, J.C. 78683
Homsey, G.M. *see* Feggeler, J.C. 88591
Homsi, W. *see* Stalder, K.R. 72893
Homsy, N., Holowecky, A. "First level" contract manufacturing 62482
Hon, S. The development of interactive multimedia services (IMS) 87944
Hon Kim Kyong *see* Kyong Hon Kim
Hon Wai Leong *see* Chor-Ping Low 73358
Hon Wai Leong *see* Liang-Ping Ku 93073
Hon-Fai Yau, Peir-Jyh Wang, En-Yea Pan, Junewen Chen Self-pumped phase conjugation with femtosecond pulses by use of BaTiO$_3$ 96662
Hon-Fai Yau, Yueh Ou Yang, Pei-Wen Chen Optical demonstration of shift-, rotation- and limited size-invariant pattern recognition using a circular harmonic-synthetic discrimination function filter 117841
Hon-Fai Yau *see* Chi-Jain Wen 117763
Hon-Fai Yau *see* Junewen Chen 116115
Hon-Tat Hui, Yung, A.K.N. The eigenfunction expansion of dyadic Green's functions for chirowaveguides 107986
Hon-Wai Chu, Tsang, D.H.K. Dynamic routing algorithms in VP-based ATM networks 77795
Honary, B., Chippendale, P., Arthur, P., Maundrell, M. Robust compression techniques for transmission of raster documents over HF channels 88082
Honary, B., Markarian, G., Edgar, J. New spectrum shaping codes and their trellises 76814
Honary, B., Markarian, G., Marple, S. Trellis decoding of block codes: practical approach 117222
Honary, B., Soyjaudah, K.M.S., Ramsawock, G., Yu Wai Man Y K L Modified trellis decoding of simple product codes and their error performance in Gaussian channels 86062
Honary, B. *see* Arani, F. 67495
Honary, B. *see* Arani, F. 76766
Honary, B. *see* Arani, F. 86190
Honary, B. *see* Browne, S. 97097
Honary, B. *see* Coulton, P. 86055
Honary, B. *see* Enright, R. 85857
Honary, B. *see* Enright, R. 88081
Honary, B. *see* Markarian, G. 76734
Honary, B. *see* Markarian, G. 76770
Honary, B. *see* Marple, S.R. 87368
Honavar, V. *see* Mikler, A. 109028
Honavar, V. *see* Mikler, A.R. 67671
Honciuc, M. *see* Dumitru, M.A. 75402
Honda, A. *see* Shams-Kolahi, W. 94417
Honda, A. *see* Watanabe, K. 110471
Honda, H. *see* Nagata, H. 106831
Honda, K., Sasakii, H., Maehara, S., Saitoh, M. The effect of low pass filter inserted in the LFC system 101866
Honda, K., Yamamoto, T., Maebara, S. An attempt to reduce a possible sensitivity for the mutual watching of LFC residues 70666
Honda, K. *see* Azuma, Y. 120373
Honda, K. *see* Sawai, T. 83508
Honda, K. *see* Suzuki, T. 71502
Honda, M. Fundamental aspects of ESD phenomena and its measurement techniques 65662
Honda, M., Taki, A. Matsushita's "pure flat" color monitor tube 89215
Honda, M. *see* Kinoshita, H. 94768
Honda, M. *see* Santoso, B. 108567
Honda, M. *see* Taki, A. 100242
Honda, N., Ariake, J., Ouchi, K., Iwasaki, S. Preparation of Co-Cr films for perpendicular recording by sputter deposition at extremely high Ar pressures 104159
Honda, N., Ouchi, K., Iwasaki, S. Extremely high linear density recording by perpendicular magnetization 115768
Honda, N., Yanase, S., Ouchi, K., Iwasaki, S. High recording performance of Co-Cr medium sputter-deposited at high Ar pressure and high substrate temperature 64456
Honda, N. *see* Ariake, J. 106526
Honda, N. *see* Iwasaki, S. 115766
Honda, N. *see* Lianna He 115793
Honda, N. *see* Yamakawa, K. 75100
Honda, S., Fujimoto, T., Nawate, M. Giant magnetoresistance of perpendicular magnetic Co/Au multilayers 115608
Honda, S. *see* Choong Seon Hong 87927
Honda, S. *see* Hong, C.S. 67919
Honda, T. Holographic 3-D display and image quality 85736
Honda, T., Banerjee, P.P. Threshold for spontaneous pattern formation in reflection-grating-dominated photorefractive media with mirror feedback 76183
Honda, T., Hayashi, Y., Yamaguchi, M., Arai, K.I. Fabrication of thin-film actuators using magnetostriction 64489
Honda, T., Katsube, A., Sakaguchi, T., Koyama, F., Iga, K. Design of GaN-based surface emitting laser with low threshold operation 116521
Honda, T., Sakaguchi, T., Koyama, F., Iga, K., Inoue, K., Munekata, H., Kukimoto, H. Design and fabrication of ZnSe-based blue/green surface emitting lasers 75949
Honda, T., Sugawara, W., Ishiyama, K., Arai, K.I. Fabrication of small moving mechanisms operated by external magnetic fields 115870
Honda, T., Sung Wook Lim, Yanashima, K., Inoue, K., Hara, K., Munekata, H., Kukimoto, H., Koyama, F., Iga, K. Formation of highly conductive p-type ZnSe using Li$_3$N diffusion 94680
Honda, T. *see* Austing, D.G. 63816
Honda, T. *see* Fukaya, N. 89359
Honda, T. *see* Hirano, H. 93366
Honda, T. *see* Ishiyama, K. 115482
Honda, T. *see* Kajiki, Y. 100182
Honda, T. *see* Maeno, K. 96746
Honda, T. *see* Matsumoto, K. 75893
Honda, T. *see* Murase, I. 86862
Honda, T. *see* Nakamura, N. 100620
Honda, T. *see* Sakaguchi, T. 62905
Honda, T. *see* Shimamoto, S. 95590
Honda, T. *see* Shinmoto, K. 77492
Honda, T. *see* Tarucha, S. 62933
Honda, T. *see* Tarucha, S. 114792
Honda, T. *see* Tokura, Y. 62927
Honda, T. *see* Tokura, Y. 94548
Honda, Y., Tokoro, M. Reflection and time-dependent computing: experiences with the R^2 architecture 79199
Honda, Y. *see* Fontamoto, M. 115765
Honda, Y. *see* Fudou, H. 111609
Honda, Y. *see* Okuda, S. 96537
Honderd, G. *see* Lazeroms, M. 80418
Hone Chin Soo *see* Chin Soo Hone
Honea, E.C. *see* Beach, R.J. 96214
Honea, W.K. *see* Grimes, G.J. 116290
Honecker, V. *see* Moser, H.O. 79772
Honein, B.V. *see* Degertekin, F.L. 104220
Honein, B.V. *see* Pei, J. 111392
Honer, K.A., Maluf, N.I., Martinez, E., Kovacs, G.T.A. Characterizing deflectable microstructures via a high-resolution laser-based measurement system 84620
Honerla, J., Hammerschlag-Buttner, P., Leurs, W. Partial discharge measurements at high DC voltage 121254
Honerlage, B. *see* Netiksis, V. 65534
Honeyman, J.C. *see* Frost, M.M. 110812
Hong, B. *see* Lee, J. 104145
Hong, B.G. *see* Kim, S.K. 107816
Hong, B.G. *see* Lee, K.W. 107811
Hong, B.H. *see* Choi, J.S. 96079
Hong, B.H. *see* Choi, J.S. 96082
Hong, B.K. *see* Choi, J.Y. 118114
Hong, C.H. *see* Kim, J.H. 84443
Hong, C.S., Honda, S., Matsushita, Y. Networking architecture for multimedia services on a distributed processing environment 67919
Hong, C.S. *see* Hager, H.E. 99512
Hong, C.S. *see* Orr, M.D. 85021
Hong, D., Aslam, M. Design and fabrication of diamond field emitter structures 74036
Hong, D., Aslam, M. Diamond field emitter pressure sensor 79329
Hong, D., Aslam, M. Diamond field emitter triode display cells 79623
Hong, D.-S. *see* Lee, S.-M. 118806

Hong, D.P., Suda, T. Performance evaluation of connectionless service for ATM networks 77655
Hong, F.-L. *see* Shimizu, T. 96112
Hong, F.C.-N. *see* Jih-Jen Wu 72863
Hong, G. *see* Ping-Wei Wang 84031
Hong, G. *see* Terrell, T.J. 117622
Hong, G.M. *see* Tsun-Lai Hsu 74664
Hong, H. The exact region of stability for MacCormack scheme 72673
Hong, H. *see* Roh, J. 67903
Hong, H.M. *see* Sun, T.P. 115245
Hong, I.P., Park, H.K. Dispersion characteristics of a unilateral fin-line using 2D FDTD 116945
Hong, J., Lee, J.W., Santana, C.J., Abernathy, C.R., Lambers, E.S., Pearton, S.J., Hobson, W.S., Ren, F. Comparison of dry etching techniques for InGaP, AlInP and AlGaP 74587
Hong, J., Lee, J.W., Santana, C.J., Abernathy, C.R., Pearton, S.J., Hobson, W.S., Ren, F. Comparison of BCl_3/Ar and BCl_3/N_2 plasma chemistries for dry etching of InGaAlP alloys 105609
Hong, J. *see* Gu, C. 84957
Hong, J. *see* Gu, C. 95651
Hong, J. *see* Gu, C. 96783
Hong, J. *see* Kneschke, T. 91858
Hong, J. *see* Lee, J.W. 74596
Hong, J. *see* Li, H.-Y.S. 65560
Hong, J. *see* Vartuli, C.B. 105648
Hong, J.-W. *see* Laih, L.-H. 69138
Hong, J.H., Psaltis, D. Dense holographic storage promises fast access 64611
Hong, J.H. *see* McMichael, I. 64627
Hong, J.M. *see* Lin, C.F. 74260
Hong, J.P., Lee, J.S. Performance of microstrip bandpass filters using high-T_c superconducting $YBa_2Cu_3O_{7-\delta}$ thin films on $LaAlO_3$ 62204
Hong, J.P., Lee, J.S. Design and characterization of high-T_c superconducting 3-pole parallel-coupled bandpass filters utilizing $YBa_2Cu_3O_{7-\delta}$ thin films 83334
Hong, J.P. *see* Im, D.H. 102707
Hong, J.S., Lancaster, M.J. End-coupled microstrip slow-wave resonator filter 93706
Hong, J.W., Gee, G., Bauer, M.A. Towards automating instrumentation of systems and applications for management 77869
Hong, J.W., Jong-Tae Park Supporting distributed management in a telecommunications management network (TMN) environment 98583
Hong, J.W. *see* Tae-Keun Park 98887
Hong, K. *see* Chakravarthy, C.V. 66957
Hong, K. *see* Marsh, P. 93935
Hong, K. *see* Sawdai, D. 93851
Hong, K.D. *see* Seo, J.S. 106118
Hong, K.T. *see* Tsui, H.T. 86875
Hong, L. *see* Bower, R.W. 63196
Hong, L. *see* Cong, S. 108372
Hong, L. *see* Mauceri, T. 80448
Hong, L. *see* Watt, V.H.C. 63372
Hong, M., Passlack, M., Mannaerts, J.P., Kwo, J., Chu, S.N.G., Moriya, N., Hou, S.Y., Fratello, V.J. Low interface state density oxide-GaAs structures fabricated by in situ molecular beam epitaxy 84029
Hong, M. *see* Chua, C.L. 65320
Hong, M. *see* Passlack, M. 74485
Hong, M. *see* Passlack, M. 84001
Hong, M.H. *see* Lu, Y.F. 84826
Hong, M.P. *see* Conrad, J.R. 63249
Hong, M.T. *see* Hsiung Chou 69135
Hong, M.Y. *see* Dienes, A. 65411
Hong, Q.H., Lettington, A.H., Macdonald, J. Measuring the MTF for focal plane arrays using random noise targets 89143
Hong, S. *see* Schniederjans, M.J. 60537
Hong, S.C. *see* Kim, D.S. 114755
Hong, S.C. *see* Kim, D.S. 116483
Hong, S.H., Chen, M.L., Baniecki, J., Ma, Q.Y., Wang, H.A., Odom, R.W. Observation of ion gettering effects in high-temperature superconducting oxide material 106645
Hong, S.H. *see* Kim, S.K. 107816
Hong, S.I., Lee, J.H., Byon, K.S., Chung, M.Y. Design and fabrication of the GPS antenna system including RF-stage 119105
Hong, S.K. *see* Tompa, G.S. 92690
Hong, S.W. *see* Choy, I. 112438
Hong, S.W. *see* Jung, G.H. 121004
Hong, T., Fang, M.T.C., Hilder, D. PD classification by a modular neural network based on task decomposition 64032
Hong, T., Srikantan, G., Zandy, V.C., Fang, C., Srihari, S.N. Character recognition in a Japanese text recognition system 66881
Hong, T.-H. *see* Liu, H. 67288
Hong, U.S. *see* Cho, C.H. 119104
Hong, W., Huang, Y., Mao, S. A comparison of several spotlight SAR algorithms 68562
Hong, W. *see* Chen, J. 76364
Hong, W.S., Cho, H.S., Perez-Mendez, V., Kadyk, J., Luk, K.B. Microstrip gas chambers fabrication based on amorphous silicon and its carbon alloy 80034
Hong, W.S., Cho, H.S., Perez-Mendez, V., Kadyk, J., Luk, K.B. Microstrip gas chambers fabrication based on amorphous silicon and its carbon alloy 100847
Hong, W.S. *see* Cho, H.S. 80044
Hong, W.S. *see* Cho, H.S. 100832
Hong, Y. *see* Wei, Y. 63275
Hong, Y.-Y., Chen, Y.-T. Three-phase optimal harmonic power flow 101806
Hong, Y.I., Shon, D.I., Kim, T.W., Kim, J.K., Nam, H.S. An analysis of electromagnetic wave properties of the leaky coaxial cable using the finite difference time domain algorithm (FDTD) 104909
Hong Bin Jeon *see* Keun Soo Lee 115248
Hong Bin Jeon *see* Sung Ki Kim 92844
Hong Chae Jung A method for solving the correspondence problem in stereo vision systems that utilize optical flow and edge information 86864
Hong Chang Gi *see* Chang Gi Hong
Hong Chang Wan *see* Chang Wan Hong
Hong Chang-Hee *see* Chang-Hee Hong
Hong Chen, Ford, G.E. A unified eigenfilter approach to the design of two-dimensional zero-phase FIR filters with the McClellan transform 97811
Hong Chen *see* Chen Hong
Hong Chen-Chuan *see* Chen-Chuan Hong
Hong Chin-Ming *see* Chin-Ming Hong
Hong Choong Seon *see* Choong Seon Hong
Hong Chum-Sam *see* Chum-Sam Hong
Hong Dae Hyoung *see* Dae Hyoung Hong
Hong Dae Sik *see* Dae Sik Hong
Hong Daehyoung *see* Daehyoung Hong
Hong Daesik *see* Daesik Hong
Hong Deng, Barnard, J.A. Nanoindentation study of the mechanical properties of metal evaporated magnetic tapes 75241
Hong Deng, Minor, M.K., Barnard, J.A. Comparison of mechanical and tribological properties of permalloy and high moment FeTaN thin films for tape recording heads 115738
Hong Dezhong *see* Dezhong Hong
Hong Dug Hun *see* Dug Hun Hong
Hong Een-Kee *see* Een-Kee Hong
Hong Fuming *see* Guo Nan 68186
Hong Fuming *see* Guo Nan 108796
Hong Fuming *see* Guo Nan 118799
Hong Gao *see* Jiasen Zhang 107598
Hong Geok Soon *see* Geok Soon Hong
Hong Guo *see* Ningjia Zhu 63012
Hong Guo *see* Wan, C.C. 63024
Hong Guo *see* Guo Hong
Hong Haitao *see* Haitao Hong
Hong han Jae *see* Jae Hong han
Hong Hua, Mirov, S., Vohra, Y.K. High-pressure and high-temperature studies on oxide garnets 115586
Hong Huang, Free, C.E., Pitt, K.E.G., Berzins, A.R., Shourthouse, G.P. High frequency measurements on modern MCM structures 94143
Hong Huang *see* Sharaf, A.M. 71514
Hong Huang *see* Sharaf, A.M. 91140
Hong Hyeong-Sun *see* Hyeong-Sun Hong
Hong Hyung-Ki *see* Hyung-Ki Hong
Hong Jeong, Cha-Gyun Jeong, Myung-Won Kim Realizing TDNN for word recognition on a wavefront toroidal mesh-array neurocomputer 76847
Hong Jeong *see* Cha-Gyun Jeong 86122
Hong Jeong-Sik *see* Jeong-Sik Hong
Hong Jia-Sheng *see* Jia-Sheng Hong
Hong Jiang, Jordan, S. A pricing model for high speed networks with guaranteed quality of service 87348
Hong Jiang *see* Carr, W.N. 91572
Hong Jiang *see* Ray, S. 77925
Hong Jiang *see* Xun Qu 78527
Hong Jiang *see* Yongqiang Wang 106325
Hong Jiang *see* Jiang Hong
Hong Jin Hyuk *see* Jin Hyuk Hong
Hong Jin Kong, Ki Gwan Han, Nam Seong Kim, Hyun Soo Kim, Ki Young Um, Jong Rak Park, Jae Yong Lee, Yun Sup Shin, Ki Ho Han, Jae Oh Byun Sinmyung laser system and study on the X-ray generation 65172
Hong Jin Kong *see* Sung Ho Kim 96130
Hong Jin Pyo *see* Jin Pyo Hong
Hong Jin Woo *see* Jin Woo Hong
Hong Jin-Woong *see* Jin-Woong Hong
Hong Jinwoo *see* Jinwoo Hong
Hong JinWoong *see* JinWoong Hong
Hong Jongill *see* Jongill Hong
Hong Ju-Chen *see* Ju-Chen Hong
Hong Jun, Mi Zhengkun, Cheng Yirong An object-oriented design approach to switching software development 118731
Hong Jun-Hee *see* Jun-Hee Hong
Hong Jung-Ki *see* Jung-Ki Hong
Hong Jung-Pyo *see* Jung-Pyo Hong
Hong Ki Sang *see* Ki Sang Hong
Hong Ki-Don *see* Ki-Don Hong
Hong Ki-Yoong *see* Ki-Yoong Hong
Hong Kim Ji *see* Ji Hong Kim
Hong Koo Baik *see* Joon Seop Kwak 94566
Hong Koo Kim *see* Almashary, B.A. 106834
Hong Kook Kim *see* Myung Soo Han 104014
Hong Kwan Pyo *see* Kwan Pyo Hong
Hong Kwang Seok *see* Kwang Seok Hong
Hong Kwon Soon *see* Soon Hong Kwon
Hong Ky Nguyen *see* Nguyen Hong Ky
Hong Kyu Chung, Rae-Hong Park High-precision inspection and alignment of surface mounting devices 112887
Hong Kyu Lee, Myung Jin Choi, Jin Suk Wang, Won Jung Jung, Young Il Choi, Byung-Taik Kim A study of a CdZnTe gamma-ray detector and the mean free path of charge carriers 110629
Hong Kyu Shin *see* Jun Ho Bang 93568
Hong Kyushik *see* Kyushik Hong
Hong Lee Jae *see* Jae Hong Lee
Hong Lei *see* Lei Hong
Hong Leung Yee *see* Yee Hong Leung
Hong Li *see* Li Hong
Hong Liang *see* Weidong Qian 84244
Hong Liang *see* Liang Hong
Hong Liu, Georgiev, A.A. Non-parametric autoregressive-regression for edge preserving: the estimate and its application in image processing 108444
Hong Liu, Miller, R.E., Van Der Schoot, H., Ural, H. Deadlock detection by fair reachability analysis: from cyclic to multi-cyclic protocols (and beyond?) 87423
Hong Liu *see* Jalink, A. 80264
Hong Liu *see* Yuliang He 113455
Hong Lu-Sheng *see* Lu-Sheng Hong
Hong Man Kim *see* Beom-Hoan O 116563
Hong Man Kim *see* Jeong Soo Kim 103891
Hong Man Kim *see* Joo-Heon Ahn 96421
Hong Man Kim *see* Kyung Sook Hyun 64930
Hong Min Yoo *see* Yoo Hong Min
Hong Ming-Chan *see* Ming-Chan Hong
Hong Mingguo *see* Mingguo Hong
Hong Minghwei *see* Minghwei Hong
Hong Nie *see* Nie Hong
Hong Nung-Pyo *see* Nung-Pyo Hong
Hong NungPyo *see* NungPyo Hong
Hong Park Kyoo *see* Kyoo Hong Park
Hong Peizhi, Ma Shaoje, Hou Shaohua, Yu Rongjin Electric field and voltage sensor using optical-waveguide Fabry-Perot interferometer 64740
Hong Peizhi *see* Liu Lijie 64743
Hong Peng Study of whispering gallery modes in double disk sapphire resonators 73651
Hong Qi He *see* Qi He Hong
Hong Qi-Zhong *see* Qi-Zhong Hong
Hong Run-Di *see* Run-Di Hong
Hong Seok Noh *see* Suh, K.S. 64132
Hong Seok-Kyun *see* Seok-Kyun Hong
Hong Seong Chang, Byoung Wan Kim, Chang Gun Lee, Sang Lyul Min, Yanghee Choi, Hyun Suk Yang, Doug Nyun Kim, Chong Sang Kim Performance comparison of static routing and dynamic routing in low-Earth orbit satellite networks 118878
Hong Seong Chang, Byoung Wan Kim, Chang Gun Lee, Yanghee Choi, Sang Lyul Min, Hyun Suk Yang, Chong Sang Kim Topological design and routing for low-Earth orbit satellite networks 78501
Hong Seong Chang, Hyung Min Nam, Chang Gun Lee, Yanghee Choi, Seon Jong Chung, Chong Sang Kim A reliable multicast protocol using round-robin ACK and selective retransmission 78601
Hong Seong Park, Changhoon Lee, Wook Hyun Won Analysis on the user's response time for Mini-MAP systems 98734
Hong Seong-Ahn *see* Seong-Ahn Hong
Hong Seong-Min *see* Seong-Min Hong
Hong Seub Kim, Yun Teak Hwang, Jae Yon Kim, Hyung Jae Lee, In Sun Hwang, Hae Yong Park, Byung Teak Lee Characterization of dislocations in strain-relaxed $Si_{1-x}Ge_x$ buffers grown by molecular beam epitaxy 82703
Hong Seung Kim *see* Jin Hyeok Kim 63662
Hong Seung-Hee *see* No Jong-Seon 68179
Hong Seungbum *see* Seungbum Hong
Hong Shen Wang, Pao-Chi Chang On verifying the first-order Markovian assumption for a Rayleigh fading channel model 66204
Hong Shi, Zukowski, C., Wing, O. VLSI design optimization of input/output-buffered broadband ATM switches 88030
Hong Shick Min *see* Jin Yang Kim 84441
Hong Sik Jung *see* Chung Lae Kim 88060
Hong Sik Kim *see* Yong Pyung Kim 65056
Hong Son Pham *see* Pham Hong Son
Hong Song-Cheol *see* Song-Cheol Hong
Hong Songcheol *see* Songcheol Hong
Hong Soo Kug *see* Soo Kug Hong
Hong Soon-Chan *see* Soon-Chan Hong
Hong suh Il *see* Il Hong suh
Hong Sun Mog *see* Sun Mog Hong
Hong Sun-Hwa *see* Sun-Hwa Hong
Hong Sun-Ki *see* Sun-Ki Hong
Hong Sung Pyo *see* Sung Pyo Hong
Hong Sungkwon *see* Sungkwon Hong
Hong Sungpyo *see* Sungpyo Hong
Hong Tao *see* Tao Hong
Hong Tian, Chao, A.M. Optimization of disk surface texturing and lubrication on CSS performance 115688
Hong Ui-Seok *see* Ui-Seok Hong
Hong Wang, Peida Ye Raman effects and four-wave mixing in a WDM soliton communication system with lumped amplifiers 68400
Hong Wang *see* Wang Hong
Hong Wei *see* Chen Jun 97084
Hong Wei *see* Wu Deyong 65012
Hong Wei *see* Zhu Zhenhai 97212
Hong Wei *see* Wei Hong
Hong Wei-Kuo *see* Wei-Kuo Hong
Hong Wong Kin *see* Kin Hong Wong
Hong Wong Wai *see* Wong Wai Hong
Hong Wu *see* Wu Hong
Hong Wu Qi *see* Qi Hong Wu

Hong Xiang Lan *see* Xin Yuan 93231
Hong Xianlong *see* Kong Tianming 61542
Hong Xianlong *see* Xianlong Hong
Hong Xianping Overall plan for computer network of large thermal power plant 111770
Hong Xing-Nan *see* Xing-Nan Hong
Hong Xingnan *see* Chen Changli 104827
Hong Yan *see* Fu, A.M.N. 108589
Hong Yan *see* Fu, A.M.N. 117612
Hong Yan *see* Hung-Hsin Chang 77101
Hong Yan *see* Whichello, A.P. 117739
Hong Yan *see* Yan Zhu 69962
Hong Yan *see* Zheru Chi 86975
Hong Yang, Wei-Bo Gong, Towsley, D. Efficient calculation of cell loss in ATM multiplexers 77665
Hong Yeoh Eng *see* Yeoh Eng Hong
Hong Yin Jia *see* Jia Hong Yin
Hong Ying-Yi, Chang Ying-Kwun Determination of locations and sizes for active power line conditioners to reduce harmonics in power systems 91154
Hong Young-Huei *see* Young-Huei Hong
Hong Yuan *see* Weitang Li 80061
Hong Yuan *see* Weitang Li 100828
Hong Yunxiang *see* Yunxiang Hong
Hong Zeng *see* Zeng Hong
Hong Zhang, McKenna, M.J., Hucho, C., Sarma, B.K., Levy, M., Kimura, T., Kishio, K., Kitazawa, K. Ultrasonic studies of superconducting and magnetic transitions in a $La_{2-x}Sr_xCuO_4$ single crystal 106643
Hong Zhang *see* Yi-Mo Zhang 117819
Hong Zhao *see* Wenyi Chen 67161
Hong Zhao *see* Zhao Hong
Hong Zhiliang *see* Zhiliang Hong
Hong Zhishen A research of future internal power market and its dispatch system in Northwest China power network 80945
Hong Zhoa *see* Zhoa Hong
Hong Zhou, Yuan-Tai Du, Tsung-Han Lin Elastic- and inelastic-scattering effects on electron magnetotunneling through a quantum well 94554
Hong Zhu *see* Zhu Hong
Hong-Ao Wu *see* Wu Hong-Ao
Hong-Bae Lee, Seung-Woo Lee, Hyun-Kyo Jung, Song-Yop Hahn, Changyul Cheon, Hyeong-Seok Kim An optimum design method for eigenvalue problems 65960
Hong-Bae Lee *see* Changyul Cheon 104793
Hong-Bae Lee *see* Juno Kim 65961
Hong-Bae Lee *see* Seung-Hyun Song 104902
Hong-Bae Lee *see* Seung-Woo Lee 112618
Hong-Beom Jin, Kang-Sik Ryu, Joon-Tae Song A design of actively shielded superconducting MRI magnet 75366
Hong-Bin Zha *see* Kojoh, T. 108724
Hong-Bo Sun *see* Sun Hong-Bo
Hong-Chan Chang, Cheng-Chien Kuo An efficient approach for reconfiguration problem in distribution systems 102114
Hong-Chan Chang, Po-Hung Chen A novel economic dispatch approach–implementation of genetic algorithm 102437
Hong-Chan Chang *see* Po-Hung Chen 70798
Hong-Chi Chang *see* Shi-Yow Lin 100333
Hong-Goo Cho *see* Jun-Seok Park 114218
Hong-Gyoo Sohn, Jezek, K.C. Ice sheet margin detection using ERS-1 synthetic aperture radar 120814
Hong-Gyu Kim *see* Chul-Ro Yu 112112
Hong-In Chae, Su-Hyun Joeng, Young-Dal Kim, Kee-Joe Lim A study on the high-permittivity dielectric with low firing temperature for multilayer ceramic capacitor 93970
Hong-Je Ryoo, Hack-Seong Kim, Sei-Chan Kim, Wook Kang, Chung-Yuen Won The speed control of the switched reluctance motor using fuzzy PI controller 81420
Hong-Jiong Tian *see* Tian Hong-Jiong
Hong-Jun Zhang *see* Ping Xie 65536
Hong-Jun Zhang *see* Ping Xie 107603
Hong-Koo Baik *see* Seok-Kyun Song 82732
Hong-Koo Baik *see* Si-Yeoul Jang 105726
Hong-Ku Shim, Do-Hoon Hwang, Kwang-Sup Lee Electrical and optical properties of poly[2,5-bis(trimethylsilyl)-1,4-phenylenevinylene] and PPV copolymers 76156
Hong-Kui Yang, El-Masry, E.I. Double sampling delta-sigma modulators 83187
Hong-Kui Yang, Snelgrove, W.M. High speed polyphase CIC decimation filters 114131
Hong-Kyu Kim *see* Sun-Ki Hong 95340
Hong-Man Kim *see* Chan-Yong Park 85276
Hong-Man Kim *see* Gwan-Chong Joo 119216
Hong-Ming Chen, Jian-Ming Lan, Jia-Lin Chen, Lee, J.Y.-M. Time-dependent and trap-related current conduction mechanism in ferroelectric $Pb(Zr_xTi_{1-x})O_3$ films 106358
Hong-Qing Xu, Ji-Nan Lin, Unbehaven, R. Piecewise-linear characteristics of MSLMS filter 83246
Hong-Seok Choi, Keun-Ho Jang, Min-Koo Han Investigation of laser-induced crystallization of fluorinated microcrystalline silicon films with varying crystalline fraction 105124
Hong-Seok Kim *see* Byeong-Chan Kim 84249
Hong-Shen Wang *see* Jian Zhang 76887
Hong-Shen Wang *see* Ming-Shan Kwok 98415
Hong-Shick Min *see* Dae-Gwan Kang 84595
Hong-shik Park *see* Kyohong Jin 78114
Hong-Shin Jun, Sun-Young Hwang Automatic synthesis of dynamically configured pipelines supporting variable data initiation intervals 61570
Hong-Shin Jun *see* Jeong-Il Choi 61958
Hong-Shuo Li, Courtois, D., Cadogan, J.M. Exchange and crystal-field interactions in $R_3(Fe,Ti)_{29}$ and $R_3(Fe,Ti)_{29}N_y$ (R=Nd,Sm) 64239
Hong-Shuo Li *see* Bo-Ping Hu 75087
Hong-Sung Kim *see* Gwon-Jong You 82012
Hong-Twu Chen, Yuan-Tung Cheng Full-wave analysis of a disk-loaded spherical annular-ring microstrip antenna 97342
Hong-Tzer Yang, Chao-Ming Huang, Huey-Min Lee, Ching-Lien Huang Multiobjective power dispatch using fuzzy linear programming 80899
Hong-Tzer Yang, Kun-Yuan Huang, Ching-Lien Huang A constraint logic programming algorithm for solving thermal unit commitment problem 80817
Hong-Tzer Yang, Pai-Chuan Yang, Ching-Lien Huang Optimization of unit commitment using parallel structures of genetic algorithm 81294
Hong-Tzer Yang, Tian-Chyi Liang, Kuang-Rong Shih, Ching-Lien Huang Power system yearly peak load forecasting: a grey system modeling approach 80956
Hong-Tzer Yang, Yann-Chang Huang, Ching-Lien Huang Solution to capacitor placement problem in a radial distribution system using tabu search method 81033
Hong-Tzer Yang *see* Chao-Ming Huang 80959
Hong-Tzer Yang *see* Pai-Chuan Yang 111768
Hong-Tzer Yang *see* Yann-Chang Huang 121544
Hong-Yi Li *see* Lek-Heng Ngoh 98845
Hong-Yi Tzeng *see* Hongqing Li 87805
Hong-Yi Tzeng *see* Hongqing Li 108842
Hong-Yi Tzeng *see* Kai-Yeung Siu 77608
Hong-Ying Wu, Xiao-Ming Yuan, Jin-Fa Zhang, Wei-Xun Lin Single-phase unity power factor current-source rectification with buck-type input 121773
Hong-Yong Zhang *see* Inushima, T. 83871
Hong-Young Chang *see* Jung-Hyung Kim 113493
Hong-Yuan Mark Liao *see* Chwen-Jye Szea 77372
Hong-Yuan Mark Liao *see* Jun-Wei Hsieh 87052
Hongbin Ji, Hui, J.Y., Karasan, E. GoS-based pricing and resource allocation for multimedia broadband networks 87955
Hongbin Sun *see* Sun Hongbin
Hongbin Yu *see* Yu Hongbin
Hongbin Zha, Shibata, T., Nagata, T. A learning-by-showing method of aspect graph generation for recognizing polyhedral objects 87116
Hongbin Zhang *see* Jinkang Zhu 68212
Hongbin Zhou *see* Zhou Hongbin
Hongbing Ji *see* Ji Hongbing
Hongbing Jiang *see* Shiyou Zhao 63571
Hongbo Sun *see* Sun Hongbo
Hongbo Zhu *see* Zhu Hongbo
Hongcai Zhang *see* Zhang Hongcai
Hongchao Liu *see* Liu Hongchao
Hongchen Zhai *see* Zhai Hongchen
Hongcheng Zhang *see* Dongsheng Wang 69499
Hongchi Shi, Gader, P.D., Keller, J.M. An O(K)-time implementation of fuzzy integral filters on an enhanced mesh processor array 117697
Hongching Shan, Lee, E., Welch, M., Pu, B., Carducci, J., Kuang-Han Ke, Hua Gao, Luscher, P., Crean, G., Rynn Wang, Blume, R., Cooper, J., Wu, R. MxP+: a new dielectric etcher with enabling technology, high productivity, and low cost-of-consumables 63334
Hongfa Liu *see* Liu Hongfa
Hongfa Luan, Xueqing Cheng, Yang Xia, Guohu Zhang, Peihsin Tsien, Fu Qin Rapid thermal annihilation of microdefects in CZ Si crystals 84073
Hongfa Luan *see* Jie He 84245
Hongfang Chen *see* Chen Hongfang
Hongfei Ma *see* Ma Hongfei
Hongfei Xi *see* Xi Hongfei
Honggu Qin *see* Dade Zhao 73768
Honggu Wang *see* Wang Honggu
Hongguang Li *see* Li Hongguang
Honghai Gao *see* Gao Honghai
Honghai Tian *see* Tian Honghai
Honghai Zhang *see* Cao Wei 75063
Honghong Wang *see* Wang Honghong
Honghua Yang *see* Ramachandran, V. 61717
Honghui Guo *see* Guo Honghui
Honghui Qi, Wyrwas, R. Performance analysis of joint voice-data PRMA over random packet error channels 67553
Hongila He *see* NuoFu Chen 113374
HongJiang Zhang *see* Di Zhong 68849
Hongjiang Zhang *see* Smoliar, S.W. 79179
Hongjie Wang *see* Wang Hongjie
Hongjin Li *see* Li Hongjin
Hongjuan Feng *see* Feng Hongjuan
Hongjun, Z. *see* Xudong, Z. 107654
Hongjun Zeng *see* Jianhua Zhu 96814
Hongjune Park *see* Jincheon Kim 109337
Honglang Lu *see* Lu Honglang
Honglei Ma *see* Ma Honglei
Honglin Liang *see* Liang Honglin
Honglin Pan, Renfrew, A.C. Research into wide speed range control of a TORUS motor 81967
Hongling Liang *see* Liang Hongling
Hongman Kim *see* Chongdae Park 65191
Hongman Kim *see* Chongdae Park 116526
Hongman Wang *see* Wang Hongman
Hongmei Wang *see* Yangxian Li 83820
Hongmei Wang *see* Yangxian Li 83821
Hongmei Wang *see* Wang Hongmei
Hongming An, Bosisio, R.G., Ke Wu, Tongqing Wang A 50:1 bandwidth cost-effective coupler with sliced coaxial cable 83328
Hongming An, Ke Wu, Bosisio, R.G. Analytical and experimental investigations of aperture coupled unidirectional dielectric radiator arrays (UDRA) 108062
Hongming An *see* Cardinal, F. 83428
Hongming Lu *see* Lu Hongming
Hongming Zhang *see* Zhang Hongming
Hongnian Xing, Jarske, P. Frequency domain equalization for the multicarrier spread spectrum system in multipath fading channel 119045
Hongo, H., Tanaka, H., Miyamoto, Y., Otake, T., Yoshinaga, J., Furuya, K. Electrical properties of 100 nm pitch Cr/Au fine electrodes with 40 nm width on GaInAs 105440
Hongo, K., Kobayashi, H. Radiation characteristics of a plano-convex lens antenna 117025
Hongo, R. *see* Tsuneoka, M. 73843
Hongo, S., Sonehara, N., Yoroizawa, I. Edge-based binocular stereopsis algorithm–a matching mechanism with probabilistic feedback 66942
Hongo, S. *see* Man-ei, K. 94164
Hongo, T. *see* Tamura, T. 83007
Hongo, Y., Michishita, K., Ishii, M. Influence of return-stroke velocity on distribution of lightning-induced voltage along overhead line dependent on ground conductivity 111611
Hongo, Y. *see* Michishita, K. 107939
Hongo, Y. *see* Michishita, K. 121114
Hongo Sun *see* Sun Hongo
Hongpu Li *see* Li Hongpu
Hongpu Wang *see* Wang Hongpu
Hongqi Li *see* Jingwei Tong 79730
Hongqi Xu *see* Surong Zhao 62641
Hongqing Li, Kai-Yeung Siu, Hong-Yi Tzeng, Ikeda, C., Suzuki, H. A simulation study of TCP performance in ATM networks with ABR and UBR services 87805
Hongqing Li, Kai-Yeung Siu, Hong-Yi Tzeng, Ikeda, C., Suzuki, H. Performance of TCP over UBR service in ATM networks with Per-VC early packet discard schemes 108842
Hongqiong Yang *see* Yang Hongqiong
Hongrae Kim, Abur, A. Enhancement of external system modeling for state estimation [power systems] 101931
Hongrong Lin *see* Lin Hongrong
Hongru Yang *see* Yang Hongru
Hongsheng Yang *see* Yang Hongsheng
Hongu, T. *see* Fukuda, K. 77490
Hongwei, M., Shirakawa, A., Kobayashi, T. Angular tuning fs synchronously pumped KTP IR OPO 65431
Hongwei Dai *see* Dai Hongwei
Hongwei Wang, Jisheng Zhang, Changqing Zhan, Pei-Hsin Tsien Simulation of temperature distribution in recrystallized SOI film with reflective-stripe structure by laser irradiation 84039
Hongwei Wang *see* Wang Hongwei
Hongwei Zhao *see* Zhao Hongwei
Hongwen Zhu *see* Zhu Hongwen
Hongxi Xue, Davies, R., Beach, M., McGeehan, J. Linearity considerations in adaptive antenna array applications 99169
Hongxi Zhang, Chongquan Zu Increased photorefractive effect in Ti-diffused $Fe:LiNbO_3$ planar waveguide 116078
Hongxin Huang, Itoh, M., Yatagai, T. Optical modified signed digit computing with reconfigurable combinatorial logic processors 85211
Hongxin Huang, Itoh, M., Yatagai, T., Liren Liu Classified one-step modified signed-digit arithmetic and its optical implementation 75627
Hongxing Meng *see* Kos, K. 65520
Hongxu Chen, Lambert, J., Pitsillides, A. RC-BB switch: a high performance switching network for B-ISDN 88040
Hongyan Li *see* Li Hongyan
Hongyan Sun *see* Sun Hongyan
Hongyao Xu, Minhua Jiang, Yinglin Song, Chunfei Li Optical limiting of a new substituted polydiacetylene 76119
Hongyao Xu *see* Xu Hongyao
Hongyi Chen *see* Qingming Shu 93423
Hongyi Chen *see* Weixin Gai 83262
Hongyi Chen *see* Yongming Li 93232
Hongyi Chen *see* Yongming Li 97596
Hongyi Chen *see* Chen Hongyi
Hongyi Gao *see* Gao Hongyi
Hongyu Chen, Yongzhong Wei, Yourong Luo, Shuzhen Duan Study and application of several-step tank formation of lead/acid battery plates 112257
Hongyu Wang, Singh, R.N. Electric field effects on the crack propagation in an electrostrictive PMN-PT ceramic 115423
Hongyu Wang *see* Tianshuang Qiu 108318
Hongyu Zhou *see* Zhou Hongyu
Hongyuan Chen, Takahashi, K., Erke, T. The analysis of the application of ARQ mechanism in ATM network 117952
Hongyue Liu, Jiao, L., Semoushkina, S., Wronski, C.R. Distribution of charged defects in a-Si:H n-i Schottky barrier solar cells 102995

Hongyue Zhang *see* Zhang Hongyue
Hongzhang Hu *see* Hu Hongzhang
Hongzhen Bao *see* Bao Hongzhen
Hongzheng Ying *see* Ying Hongzheng
Hongzhi Gao *see* Gao Hongzhi
Hongzhong Huang *see* Huang Hongzhong
Hongzhou Wang, Hoang Pham A quasi renewal process and its applications in imperfect maintenance 113046
Honig, A., Fan, Q., Wei, X., Rigney, M., Sandorfi, A.M., Whisnant, C.S. Large, accessible, highly polarized frozen-spin solid HD targets 120094
Honig, M.L. Orthogonally anchored blind interference suppression using the Sato cost criterion 67547
Honig, M.L., Roy, S. Multi-user communication with multiple symbol rates 67554
Honig, M.L., Veerakachen, W. Performance variability of linear multiuser detection for DS-CDMA 108344
Honig, T. *see* Behrens, V. 62426
Honinger, H. *see* Schmitt-Thomas, K.G. 114437
Honingh, C.E. *see* Haas, S. 79092
Honishi, T., Kobayashi, N., Nakamura, J. Design and implementation of an enhanced relational database management system for telecommunication and network applications 87814
Honishi, T. *see* Hirano, M. 98837
Honjo, H. *see* Tomita, T. 73211
Honjo, K. Microwave and millimeterwave HBT development in Japan 62266
Honjo, K. *see* Chang-Woo Kim 73749
Honjo, K. *see* Tanaka, S. 83532
Honjo, M. *see* Kakkad, R. 105984
Honjo, N. *see* Sato, M. 91109
Honkanen, A. *see* Lhersonneau, G. 80145
Honkanen, M. *see* Bergholm, P. 68297
Honkanen, S. *see* Leppihalme, M. 112909
Honkanen, S. *see* Lipasti, L. 99802
Honkanen, S. *see* Ohtsuki, T. 116091
Honkanen, T. *see* Rousseau, E. 99141
Honkasalo, Z., Ling Wang, Silventoinen, M., Kajala, M. A cell range extension technique for GSM/DCS1800 — using half-rate codec over full-rate channel 68306
Honkasalo, Z. *see* Hamalainen, J. 88341
Honkasalo, Z. *see* Ling Wang 88381
Honkasalo, Z. *see* Ling Wang 109552
Honkoop, J. *see* Li, W. 90471
Honlein, W. *see* Lehmann, V. 93966
Honma, F. *see* Goto, K. 63723
Honma, H. *see* Iwanaga, T. 116000
Honma, H. *see* Noto, K. 71586
Honma, H. *see* Sadakata, N. 91772
Honma, I. *see* Endo, A. 81810
Honma, K. *see* Uenishi, Y. 76021
Honma, M. *see* Masuda, S. 116131
Honma, M. *see* Shioiri, K. 67970
Honma, N. *see* Kishida, H. 114495
Honma, S. *see* Hosaka, S. 84945
Honma, S. *see* Ishida, H. 99564
Honma, T. *see* Igarashi, H. 64183
Honma, T. *see* Igarashi, H. 65673
Honma, T. *see* Igarashi, H. 65913
Honma, T. *see* Isoda, M. 107729
Honma, T. *see* Kawaguchi, H. 65624
Honma, T. *see* Kawaguchi, H. 69656
Honma, T. *see* Morikawa, K. 95613
Honma, T. *see* Tsubota, K. 107797
Honma, T. *see* Tsuchimoto, M. 64516
Honma, Y. *see* Seike, T. 119560
Honmou, H. *see* Itoh, M. 112915
Honmou, H. *see* Itoh, M. 116242
Honmou, H. *see* Kurata, K. 96299
Honmura, H., Ohashi, K., Minamino, H., Kato, M., Hayakawa, K. Development of display controller LSI μPD72251 81987
Honninger, C., Zhang, G., Keller, U., Giesen, A. Passively mode locked femtosecond Yb:YAG lasers 116461
Honninger, C. *see* Braun, B. 116458
Honnorat, Y. Issues and breakthrough in the manufacture of turboengine titanium parts 120639
Hono, K. *see* Ohmori, H. 75099
Honorati, O. *see* Caricchi, F. 122031
Honorati, O. *see* Solero, L. 121415
Honsberg, C. *see* Ebong, A.U. 71703
Honsberg, C.B., Edmiston, S., Koschier, L., Wenham, S.R., Sproul, A.B., Green, M.A. Capitalizing on two dimensional minority carrier injection in silicon solar cell design 103006
Honsberg, C.B. *see* Ebong, A.U. 81880
Honsberg, C.B. *see* Wenham, S.R. 102999
Honscheid, K. *see* Aronstein, D. 69717
Honscheid, K. *see* Kichimi, H. 69718
Honsinger, P.S. *see* Sayah, J.Y. 113638
Hontsu, S., Tabata, H., Nakamori, M., Ishii, J., Kawai, T. Giant electric field effect on $Al/BaTiO_3/(Y_{0.6}Pr_{0.4})Ba_2Cu_3O_y$ structures 84908
Honzatko, J., Konecny, K., Tomandl, I., Vacik, J., Becvar, F., Cejnar, P. Facility and method for studying two-step γ cascades in thermal neutron capture 101006
Honzatko, P. Interaction of two quasi-solitons in semiconductor-doped optical fibres 75486
Honzinger, M.R., Telle, J.A. Faster algorithms for the nonemptiness of Streett automata and for communication protocol pruning 118101
Hoo, G. *see* Tierney, B.L. 67795
Hood, J. *see* Mueller, R.E. 107650
Hood, J.T. *see* Ficke, D.C. 120370
Hoof, C.Van *see* Van Hoof, C.
Hoofnagle, P.S. *see* Coates, D.K. 111062
Hoogduin, J.M., van Klinken, J., Schooneveld, E.M., Froehlich, O., Mueller, K.A., Stiebing, K.E. Calibration of electron and positron polarimeters at 10 to 15 MeV 120201
Hoogduin, J.M. *see* Ditzel, E. 100992
Hoogeboom, P. *see* Snoeij, P. 68664
Hoogeboom, P. *see* Snoeij, P. 68695
Hoogerland, M.D. *see* Weijian Lu 116596
Hoogs, A., Bajcsy, R. Segmentation characterization for change detection 77177
Hoogs, A., Hackett, D. Model-supported exploitation as a framework for image understanding 67482
Hoogs, A., Kniffin, B. The RADIUS testbed database: issues and design 67483
Hoogs, A. *see* Strat, T. 66868
Hooi, Y.C., Ahmad, H.B. Self-mode-locking in a Q-switched Nd^{3+}:doped silica fibre laser 65069
Hook, E. *see* Deis, G. 106719
Hook, E.F. FRET–technical dinosaur or environmental alternative? Application of a life cycle concept in a manufacturing industry 71874
Hook, K. *see* Espinoza, F. 87842
Hook, M., Johansson, C., Olofsson, H. Frequency diversity gain in indoor GSM systems 109437
Hook, R.N., Lucy, L.B. Star finding and PSF determination using image restoration 77084
Hook, T.B., Piccirillo, J., Watson, K., Nowak, E. A CMOS technology for a sub-5-ns 3.3-V LVTTL 1-Mbit SRAM 84574
Hook, T.B., Watson, K., Mittl, S., Johnson, C. A comparison of hot-electron and Fowler-Nordheim characterization of charging events in a 0.5-μm CMOS technology 106207
Hooker, B. *see* Delen, N. 75656
Hooker, C.J. *see* Divall, E.J. 65036
Hookes, D.E. *see* Singh, R. 99914
Hoole, A.C.F. *see* Broers, A.N. 115107
Hoole, H. *see* Srinivasan, D. 65750
Hoole, P.R.P. *see* Alahakoon, U.S.K. 91906
Hoole, P.R.P. *see* Sellathurai, M. 95287
Hoole, P.R.P. *see* Senthilnathan, G.G. 99897
Hoole, P.R.P. *see* Wijayakulasooriya, J.V. 101749
Hoole, S.R.H., Agarwal, K. Optimization algorithms for magnetics and their parallelizability 107717
Hoole, S.R.H., Seefeldt, A. Newton's algorithm evaluated for finite elements based optimization in magnetics 107798
Hoole, S.R.H. *see* Arkadan, A.A. 63732
Hoole, S.R.H. *see* Pham, T.H. 65751
Hoole, S.R.H. *see* Pham, T.H. 116822
Hoole, S.R.H. *see* Srinivasan, D. 97009
Hoon Chai Sang *see* Sang Hoon Chai
Hoon Chang Implementation of highly reliable VSLI systems based on current monitoring 113847
Hoon Choi Dong *see* Dong Hoon Choi
Hoon Choi In *see* In Hoon Choi
Hoon Hwang Seung *see* Seung Hoon Hwang
Hoon Jang Ick *see* Ick Hoon Jang
Hoon Jung Jae *see* Jae Hoon Jung
Hoon Kang Byung *see* Byung Hoon Kang
Hoon Kang Kee *see* Kee Hoon Kang
Hoon Kim Doh *see* Doh Hoon Kim
Hoon Kim Seong *see* Seong Hoon Kim
Hoon Kwon Sung *see* Sung Hoon Kwon
Hoon Lee Chang *see* Chang Hoon Lee
Hoon Lee Kyung *see* Kyung Hoon Lee
Hoon Lee Ye *see* Ye Hoon Lee
Hoon Lee Yong *see* Yong Hoon Lee
Hoon Lee Zong *see* Zong Hoon Lee
Hoon Paik Jung *see* Jung Hoon Paik
Hoon Park Cheol *see* Cheol Hoon Park
Hoon Roh Tae *see* Tae Hoon Roh
Hoon Yang Sung *see* Sung Hoon Yang
Hoon Yum Jae *see* Jae Hoon Yum
Hoon-Bock Lee *see* Hyoung-Gin Nam 88117
Hoon-Gee Yang, Eun-Soo Kim A new approach for synthesizing digital hologram by waveform decomposition 65574
Hoon-Gee Yang, Eun-Soo Kim Practical image encryption scheme by real-valued data 117750
Hoon-Goo Lee, Seong-Hwan Lee, Seung-Wook Kang, Kyung-Hee Han, Yon-Tack Chung New capacitor switching schemes to control subsynchronous resonance 80807
Hoon-Sang Oh, Seung-Ki Joo Enhancement of coercivity by underlayer control in Co/Pd and Co/Pt multilayers 115611
Hoon-Soo Park, Tack-Gun Song, Jung-Suck Lee, Hun-Sub Park, Min, W.S. Self-isolated LDMOS and Bi-nMOS power transistors implemented by CMOS process technology 82937
Hoon-Soo Park *see* Bo-Eun Kim 61648
Hoon-Sung Kwak *see* Jae-Ho Choi 77218
Hoonsbeen, G.A. A new approach to the UPS concept 91630
Hoonsoo Park *see* Boeun Kim 115347
Hoop, M.V.de *see* de Hoop, M.V.
Hooper, B.A., Madey, J.M.J. Shaping pulses using frequency conversion with a modulated picosecond free electron laser 96512
Hooper, B.A. *see* Hoke, J.A. 80461
Hooper, D. Hierarchical physical design - the next generation of PCB design 62445
Hooper, D. *see* Krishnamoorthy, S. 119423
Hooper, D. *see* Robinson, D. 119421
Hooper, G., Sicher, A. Advanced TDMA digital AMPS mobile data and messaging capabilities 88225
Hooper, G.S., Geffen, G.M., Geffen, L.B., Wright, M., Smyth, D., Wiles, J. Correlation dimension analysis applied to EEG during a visuo-spatial working memory task 120416
Hooper, P.D. *see* McHale, G. 116230
Hooper, P.K. *see* Fulton, R.R. 70063
Hooper, P.K. *see* Meikle, S.R. 90429
Hooper, S.E. *see* Foxon, C.T. 82693
Hoops, M. *see* Philipps, P. 99317
Hoorebeke, L.van *see* van Hoorebeke, L.
Hoorfar, A. Closed-form expressions for microstrip Green's functions in a magneto-dielectric substrate 73641
Hoorfar, A. *see* Drennen, W.J. 76566
Hoose, N. Development and implementations of the IMPACTS traffic image processing system 98133
Hoover, A., Jean-Baptiste, G., Jiang, X., Flynn, P.J., Bunke, H., Goldgof, D.B., Bowyer, K., Eggert, D.W., Fitzgibbon, A., Fisher, R.B. An experimental comparison of range image segmentation algorithms 97881
Hoover, A. *see* Jiang, X.Y. 86854
Hoover, J. *see* Lindsay, G. 85595
Hoover, W.F., Jr. *see* Fenner, D.K. 109770
Hope, A. *see* Stow, D. 111340
Hope, A.D. *see* Baker, K. 110027
Hope, D.A.O. *see* Cristiano, F. 92756
Hope, D.A.O. *see* Nejim, A. 94928
Hopermann, H. *see* Hillemann, T. 111787
Hopewell, P.D., Jenkins, N., Cross, A.D. Loss-of-mains detection for small generators 71370
Hopf, B., Kother, D., Sporkmann, T., Wolff, I., Borkes, J. Foundry cell oriented design of active coplanar power dividers and combiners for MMIC applications 73646
Hopf, B., Wolff, I. Narrow band MMIC active filter using negative resistance circuits in coplanar line technique 114310
Hopf, B. *see* Berg, M. 93936
Hopf, B. *see* Kalayci, Y. 62331
Hopf, B. *see* Kother, D. 114314
Hopf, B. *see* Pogatski, P. 62327
Hopfel, R.A. *see* Fischler, W. 63109
Hopfl, R. *see* Hora, H. 107486
Hopkins, D. *see* Scheider, D. 114347
Hopkins, F. *see* Nagarkar, V.V. 80157
Hopkins, F. *see* Nagarkar, V.V. 101034
Hopkins, F.K. *see* Singh, N.B. 82580
Hopkins, L.N. *see* Rudin, S. 101236
Hopkins, M., Hatchard, C. Alternative test methods for RF immunity testing 76469
Hopkins, M. *see* Bell, K.D. 89154
Hopkins, M. *see* Vacek, R.M. 80544
Hopkins, P.F., Moreland, J., Malhotra, S.S., Liou, S.H. Superparamagnetic magnetic force microscopy tips 84821
Hopkins, P.F. *see* Unterrainer, K. 105399
Hopkins, R.A. *see* Gully, W.J. 111054
Hopkins, R.H. *see* Agarwal, A.K. 105997
Hopkins, R.H. *see* Brandt, C.D. 104054
Hopkins, R.H. *see* Siergiej, R.R. 63954
Hopkins, R.H. *see* Sinharoy, S. 82609
Hopkins, R.H. *see* Sriram, S. 62274
Hopkins, R.H. *see* Sriram, S. 83385
Hopkins, R.H. *see* Sudarshan, T.S. 74679
Hopkinson, D.A., Cornish, S.L., Edwards, N.H., Baird, P.E.G., Cockburn, A., Cameron, K. DFB laser diode operation at 77 K 65222
Hopkinson, F. *see* Kowalski, O.P. 72754
Hopkinson, G.R., Dale, C.J., Marshall, P.W. Proton effects in charge-coupled devices 69257
Hopkinson, G.R. *see* Skipper, M.D. 61991
Hopkinson, M. *see* Barnham, K. 102982
Hopkinson, M. *see* Greally, M.G. 74330
Hopkinson, M. *see* Harris, J.J. 63767
Hopkinson, M. *see* Peggs, D.W. 62971
Hopman, P.I., Alexander, J.P. Optimization of silicon microstrip detector design for the CLEOIII vertex detector 100879
Hopman, P.I. *see* Foland, A.D. 90127
Hopmeier, M., Siegner, U., Lemmer, U., Hennig, R., Guss, W., Pommerehne, J., Sander, R., Greiner, A., Mahrt, R.F., Baessler, H., Feldmann, J., Goebel, E.O. Optical characterization of tris-(stilbene)amine and application in microcavities 75699
Hopmeyer, J. *see* Grimes, R.Y. 80357
Hopp, H.-H. *see* Fischer, J.-G. 90411
Hopp, T.H. *see* Diaz, C. 119529
Hoppe, D.J. *see* Guo, H.Z. 62584
Hoppe, F.J., Thompson, R.S. Design, installation, and field experience with a real-time portable transformer monitoring system 121553
Hoppe, F.J., Turner, S.E., Basu, S.P., Rogers, G.E. Design, installation and field experience with real-time cathodic protection monitoring of pipe-type cable systems 121169
Hoppe, M.M. *see* Streit, D.C. 84344
Hoppe, P. *see* Baumung, K. 110480
Hopper, A. *see* Biswas, S.K. 68299
Hopson, M.B. *see* Fletcher, N.R. 69877
Hopster, H. *see* Berger, A. 75082
Hopster, H. *see* Mulhollan, G. 90109
Hopwood, J. *see* Forgotson, N. 63337
Hopwood, L., Miller, W., George, A. Parallel implementation of the Hough transform for the extraction of rectangular objects 98345

Hoque, M., Bauerle, R. Electromagnetic compatibility of wireless devices a preliminary investigation 76498
Hoque, M. *see* Baurele, R. 76499
Hor, C. *see* Jensen, K.L. 62563
Hor, C. *see* Phillips, P.M. 74056
Hor, C. *see* Phillips, P.M. 105012
Hora, H., Scheid, W., Boreham, B.W., Hopfl, R., Bolton, P.R., Ho, Y.-K. Diagnostics of picosecond laser pulses using non-linear forces of ponderomotive dynamics 107486
Hora, L.S. *see* Ravikumar, C.P. 93084
Horack, J.M. *see* Inan, U.S. 85861
Horak, J. *see* Lezal, D. 72974
Horak, J. *see* Lostak, P. 74312
Horak, R. *see* Bouchal, Z. 107843
Horak, W. *see* Lasser, O. 80533
Horan, D., Kustom, R., Ferguson, M. Performance of a 2-megawatt high voltage test load 102855
Horan, D. *see* Cho, Y. 79994
Horaud, R. *see* Christy, S. 67284
Hordabay, J. *see* Deis, G. 106719
Horeth, S. Compilation of optimized OBDD-algorithms 113675
Horhold, H.H. *see* Tak, Y.H. 96040
Hori, A., Hirai, T. A novel isolation technology utilizing Si selective epitaxial growth 84061
Hori, H. *see* Aoki, N. 83966
Hori, J., Ogawa, H. Real-time restoration of nonstationary signals 86284
Hori, J. *see* Saitoh, Y. 110235
Hori, K., Ohtsuka, M., Hara, M. Sulfide layer formation and current carrying deterioration by the Joule's heat of contacts in SF$_6$ gas 83563
Hori, K. *see* Harvel, G.D. 69565
Hori, M. *see* Hiramatsu, M. 72952
Hori, M. *see* Ikeda, M. 113467
Hori, M. *see* Naito, J. 69981
Hori, M. *see* Nomura, M. 100337
Hori, M. *see* Onuki, T. 103136
Hori, M. *see* Takahashi, K. 94733
Hori, M. *see* Takahashi, K. 94757
Hori, M. *see* Takahashi, K. 94758
Hori, R. *see* Miwa, H. 73345
Hori, S. *see* Ohtomo, T. 100233
Hori, T. Fast frame-rate cameras using a progressive/interlace combinational-scan CCD 98273
Hori, T. *see* Higuchi, S. 91521
Hori, T. *see* Matsuda, T. 114827
Hori, T. *see* Mizuno, A. 89757
Hori, T. *see* Ohzone, T. 105946
Hori, T. *see* Sakaki, H. 89929
Hori, T. *see* Shimizu, Y. 91413
Hori, T. *see* Shiraishi, H. 64293
Hori, Y., Kobayashi, M. Consideration of a non-baked start-up of a synchrotron light source 100408
Hori, Y., Kobayashi, M., Takiyama, Y. Present status of vacuum of the Photon Factory (13 years' operation and its performance) 100407
Hori, Y. *see* Baba, M. 110109
Hori, Y. *see* Furuya, T. 91883
Hori, Y. *see* Pana, T. 121957
Horiba, I. Detecting vehicle traffic conditions using real time vision 68931
Horiba, I. *see* Iwata, T. 98132
Horiba, Y. *see* Makino, H. 61826
Horibata, Y., Oikawa, H. Numerical simulation of low-altitude wind shears for a terminal Doppler weather radar system 90793
Horibe, H., Kumada, T. Relationship between resist characteristics and a matrix resin of chemically amplified three-component resist 115112
Horie, H., Meneghini, R., Iguchi, T. Preliminary results of ground-based rain measurements with a dual-frequency multiparameter radar-radiometer 120802
Horie, H. *see* Hanado, H. 111208
Horie, H.O. *see* Kashiwaba, Y. 94565
Horie, K. *see* Hirono, H. 112879
Horie, M., Fujiwara, N., Kokubo, M., Kakiuchida, H. Spectroscopic multi-layer film thickness measurement system 115281
Horie, M., Nozaki, T., Ikegami, K., Kobayashi, F. Design system of super elastic hinges and its application to manipulator for micro-bonding by adhesives 115378
Horie, M. *see* Oka, K. 102400
Horie, R. *see* Momozawa, M. 67151
Horie, T., Kuramae, H., Niho, T. Parallel electromagnetic-mechanical coupled analysis using combined domain decomposition method 107732
Horie, T., Niho, T. Electromagnetic and structural coupled analysis with the effect of large deflection 107707
Horie, Y. *see* Miyazaki, T. 113795
Horie, Y. *see* Teramura, M. 113794
Horigami, O. *see* Koyanagi, K. 95535
Horigami, O. *see* Ogiwara, H. 75298
Horiguchi, M. *see* Nakasuga, Y. 116284
Horiguchi, M. *see* Terui, H. 107019
Horiguchi, S. *see* Namatsu, H. 114719
Horiguchi, S. *see* Ono, Y. 114836
Horiguchi, T. Decoding of Reed-Solomon codes beyond the BCH bound using Euclidean algorithm 76809
Horiguchi, T. A statistical decoding of simultaneous burst and random errors beyond the BCH bound using Reed-Solomon codes 117185
Horii, H. *see* Hashimoto, Y. 73174
Horii, H. *see* Takatsu, N. 73900
Horii, H. *see* Takatsu, N. 82196
Horii, M. *see* Ohashi, T. 99891
Horii, N. *see* Kotoki, T. 72903
Horii, S., Feingold, E., Kundel, H., Nodine, C., Langlotz, C., Redfern, R., Grevera, G., Brikman, I., Muck, J. PACS workstation functions: usage differences between radiologists and MICU physicians 111010
Horii, S. *see* Miyagi, K. 112049
Horii, S. *see* Redfern, R. 110723
Horii, S. *see* Takeda, M. 104985
Horii, S.C. *see* Grevera, G.J. 110895
Horii, S.C. *see* Kundel, H.L. 111008
Horii, S.C. *see* Langlotz, C.P. 111011
Horii, Y., Mio, T., Matsuzaki, K., Hattori, S., Yamada, H., Yasuda, Y. Implementation of a high-quality MPEG2 codec for ATM network applications 88013
Horii, Y., Tsutsumi, M. Scattering parameters of semiconductor microstrip line under laser spot illumination 93665
Horii, Y., Tsutsumi, M. Propagation characteristics of microstrip line with semiconductor substrate under laser spot illumination 114189
Horiike, S. *see* Horiuchi, K. 101878
Horiike, Y. *see* Chinzei, Y. 74557
Horiike, Y. *see* Chinzei, Y. 94732
Horiike, Y. *see* Fukushima, N. 75212
Horiike, Y. *see* Fukushima, N. 115764
Horijon, J.I., Couweleers, F.C., van Amstel, W.D. Large scale, high resolution 3D laser scanner for solder paste inspection 114405
Horijon, J.L., van Amstel, W.D., Couweleers, F.C., Ligthart, W.C.M. Optical system of an industrial 3D laser scanner for solder paste inspection 73869
Horikawa, A., Okumura, Y., Tsuboi, T. A new bandwidth allocation algorithm for ATM ring networks 77999
Horikawa, H. *see* Gotoh, S. 92684
Horikawa, J. *see* Abeyratne, S.G. 91812
Horikawa, K., Nakasuga, Y., Ogawa, H. Self-heterodyning optical beam forming network for multibeam active phased array antenna 76645
Horikawa, K., Ogawa, I., Kitoh, T., Ogawa, H. Silica-based integrated planar lightwave true-time-delay network for microwave antenna applications 75558
Horikawa, K. *see* Iwata, A. 118064
Horikawa, K. *see* Kawashima, K. 118240
Horikawa, T., Yuuki, A., Shibano, T., Kawahara, T., Makita, T., Kuroiwa, T., Yamamuka, M., Oomori, T., Mikami, N., Ono, K. Novel stacked capacitor technology for 1 Gbit DRAMs with (Ba,Sr)TiO$_3$ thin films 113935
Horikawa, T., Yuuki, A., Shibano, T., Kawahara, T., Makita, T., Kuroiwa, T., Yamamuka, M., Oomori, T., Mikami, N., Ono, K. Novel stacked capacitor technology for 1 Gbit DRAMs with (Ba,Sr)TiO$_3$ thin films 115444
Horikawa, T. *see* Nishioka, Y. 73337
Horikawa, Y. *see* Nagasawa, H. 81977
Horikoshi, E. *see* Sasaki, M. 104977
Horikoshi, J., Oku, T., Kimura, K. An efficient 4-level coded-CPM modem for a wireless local area network-coded-QPTM 87727
Horikoshi, J. *see* Elsadek, H. 96845
Horikoshi, J. *see* Ohki, M. 76410
Horikoshi, J. *see* Yokota, J. 88365
Horikoshi, Y. High mobility electrons in AlGaAs/GaAs modulation-doped heterostructures and their ballistic characteristics 94468
Horikoshi, Y. *see* Tokura, Y. 62825
Horikoshi, Y. *see* Zhongling Peng 114861
Horikx, J. *see* Buijs, M. 85513
Horil, S.C., Prior, F.W., Bidgood, W.D. DICOM and the status of imaging standards in radiology 101213
Horimatsu, T. *see* Rokugawa, H. 88569
Horinaka, H. *see* Wada, K. 107254
Horing, N.J.M. *see* Lei, X.L. 62879
Horing, N.J.M. *see* Lei, X.L. 63057
Horino, H. *see* Kurioka, H. 70856
Horino, M. *see* Kohno, A. 112908
Horino, W. *see* Hirata, K. 69374
Horino, Y. *see* Mokuno, Y. 100388
Horino, Y. *see* Shimatani, N. 114892
Horino, Y. *see* Takai, M. 61875
Horinouchi, K., Nakayama, Y., Sasao, H. Magnetic drive simulation and its application to DC circuit breakers 91684
Horinouchi, S., Imai, H., Yamasaki, H., Fukao, K., Zhang, G.J., Kinoshita, T., Mito, K., Hirashima, H., Sasaki, K. Second order nonlinear optical properties in silica-based glass film waveguides 85674
Horinouchi, S., Imai, H., Yamasaki, H., Zhang, G.J., Mito, K., Hirashima, H., Sasaki, K. Optical quadratic nonlinearity in corona-poled glass film waveguides 116724
Horinouchi, S., Imai, H., Zhang, G.J., Mito, K., Sasaki, K. Optical quadratic nonlinearity in multilayer corona-poled glass films 76150
Horinouchi, S., Zhang, G.J., Kinoshita, T., Mito, K., Sasaki, K. Second harmonic generation (SHG) in corona-poled glass film waveguides 76261
Horio, Y. *see* Saito, H. 108229
Horio, Y. *see* Umoto, I. 97610
Horioka, K. *see* Miyamoto, S. 69601
Horisberger, M. *see* Schefer, J. 69680
Horisberger, R. *see* Erdmann, W. 69864
Horishima, T. *see* Yatsuda, H. 68222
Horita, E., Nishikawa, K., Miyanaga, Y. A fast recursive weighted least-squares method based on a two-dimensional AR model for spectral estimation 117453
Horita, K. *see* Koh, M. 74721
Horita, M. *see* Tanaka, H. 64799
Horita, M. *see* Tanaka, S. 95775
Horita, S., Kayama, T., Nakamura, T. Ventilation and air-conditioning system design for the new Astram metro line in Hiroshima 82011
Horita, T., Sakai, N., Kawada, T., Yokokawa, H., Dokiya, M. Oxidation and steam reforming of CH$_4$ on Ni and Fe anodes under low humidity conditions in solid oxide fuel cells 71679
Horita, T., Sakai, N., Kawada, T., Yokokawa, H., Dokiya, M. Oxidation of CH$_4$ on Ni and Fe anodes in solid oxide fuel cells 81831
Horita, T. *see* Nishiyama, H. 102966
Horita, T. *see* Rak-Hyun Song 81776
Horita, T. *see* Sakai, N. 81838
Horita, T. *see* Tani, T. 91642
Horita, T. *see* Van Herle, J. 81857
Horita, T. *see* Yokokawa, H. 81846
Horita, Y., Katayama, M., Murai, T., Miyahara, M. Construction of color sensitivity space for a sensitivity information extraction 87066
Horiuchi, H. *see* Kadota, M. 84739
Horiuchi, H. *see* Kadota, M. 84747
Horiuchi, K., Hara, K., Horiike, S. Unified object-oriented data modeling on electric power systems 101878
Horiuchi, K. *see* Matsumoto, K. 109842
Horiuchi, K. *see* Tanaka, H.-A. 73161
Horiuchi, N., Osakabe, E., Uesu, Y., Strukov, B.A. Nonlinear optical properties of new ferroelectric LaBGeO$_5$ 107569
Horiuchi, T. In-circuit hot-carrier model and its application to inverter chain optimization 106164
Horiuchi, T., Deguchi, K. Influence of pattern displacement error caused by film deposition on overlay accuracy in LSI fabrication 63507
Horiuchi, T., Yamamoto, K., Yamada, H., Toraichi, K. Relaxation optimizing operations in extended probabilistic space 60826
Horiuchi, T. *see* Iima, T. 61705
Horiuchi, T. *see* Iima, T. 93206
Horiuchi, T. *see* Nakamura, H. 74539
Horiuchi, T. *see* Noguchi, K. 63485
Horiuchi, T. *see* Noguchi, K. 105669
Horiuchi, T. *see* Sasaki, M. 115197
Horiuchi, T.K., Koch, C. Analog VLSI circuits for visual motion-based adaptation of post-saccadic drift 62109
Horiuchi, Y. *see* Ogawa, K. 103134
Horiya, T. *see* Mashino, S. 113517
Horkans, J. *see* Datta, M. 60636
Horlait, E. *see* Fladenmuller, A. 78219
Horle, J. *see* Koudelka, O. 99408
Horlock, J.H. Simplified analyses of some vapour power cycles 91334
Hormadaly, J. *see* Drozdyk, L. 94833
Hormann, B. *see* Falco Korn, C. 92570
Hormann, K. *see* Foth, H.-J. 80199
Hormann, W., Vortmann, H. For everything which rotates and moves. What DIN EN 60 204-1 (VDE 0113 part 1) and the Machinery Directive 89/392/EEC demand 81403
Hormaza, M.V. *see* Aviles, R. 72720
Hormozi, F.J. *see* Larsen, E.V. 91088
Horn, A., Wilkinson, R.H., Enslin, J.H.R. Evaluation of converter topologies for improved power quality in DC traction substations 103120
Horn, A. *see* Wilkinson, R.H. 71837
Horn, A. *see* Wilkinson, R.H. 122027
Horn, B.K.P. *see* Crimson, W.E.L. 67469
Horn, D. *see* Fox, D. 90136
Horn, G. *see* Skeie, T. 98971
Horn, G. *see* Waadeland, T. 98514
Horn, G.van der *see* van der Horn, G.
Horn, J., Vogt, A., Aller, I., Hartnagel, H.L., Stehle, M. Heterostructure interface characterization using scanning tunneling microscope excited time-resolved luminescence 62813
Horn, J. *see* Bischoff, U. 68811
Horn, J. *see* Iida, T. 114621
Horn, J. *see* Neira, J. 79714
Horn, J. *see* Schussler, M. 61309
Horn, K. *see* Drews, D. 74182
Horn, K. *see* Schomann, S. 83980
Horn, K. *see* Wolfframm, D. 82592
Horn, M.W. *see* Palmateer, S.C. 84263
Horn, M.W. *see* Rothschild, M. 105752
Hornak, L.A. *see* Tewksbury, S.K. 104970
Hornbeck, L.J. Projection displays and MEMS: Timely convergence for a bright future 79614
Horne, C., Naveen, T., Tabatabai, A., Eifrig, R.O., Luthra, A. Study of the characteristics of the MPEG2 4:2:2 profile—application of MPEG2 in studio environment 67452
Horneber, E.-H. *see* Bretthauer, U. 114146
Horneffer, M., Plassmann, D. Directed antennas in the Mobile Broadband System 88272
Horner, A. Computation and memory tradeoffs with multiple wavetable interpolation 88880
Horner, A. Double-modulator FM matching of instrument tones 88884

Horner, A., Beauchamp, J. Piecewise linear approximation of additive synthesis envelopes: a comparison of various methods 88885
Horner, A. *see* San-Kuen Chan 109965
Horner, A.B. *see* Cheung, N.-M. 68942
Horner, B. Accurate measurement of asymmetric flow by means of a multi-electrode induction flowmeter 69041
Horner, M.G. *see* Waldman, D.A. 96830
Horner, R. *see* Eaton, J., Jr. 63948
Horner, S.L., Holls, W.M. III., Crilly, P.B. A real-time system for monitoring a non-invasive and invasive FECG 101350
Horner, T. *see* Kuo, S.M. 93464
Horng, H.E. *see* Yang, W.C. 64549
Horng, J.H. *see* Lin, H.Y. 91553
Horng, J.R. *see* Tay, K.W. 100265
Horng, L. *see* Chen, K. 64508
Horng, L. *see* Chen, K. 84925
Horng, M.-H., Sun, Y.-N., Lin, X.-Z. Texture feature coding method for classification of liver sonography 70017
Horng, R. *see* Ahumada, A.J., Jr. 87219
Horng, R.H. *see* Wuu, D.S. 104892
Horng, S. *see* Chin, A. 94211
Horng Chang *see* Chih-Cheng Hsieh 110218
Horng Gwoboa *see* Gwoboa Horng
Horng Jiun-Wei *see* Jiun-Wei Horng
Horng Jui-Hong *see* Jui-Hong Horng
Horng Jyh-Shing *see* Jyh-Shing Horng
Horng Li Chii *see* Chii Horng Li
Horng Nan Chern *see* Chao Sung Lai 63661
Horng Ruey-Lian *see* Ruey-Lian Horng
Horng Shi-Jinn *see* Shi-Jinn Horng
Horng Tzyy-Sheng *see* Tzyy-Sheng Horng
Horng-Chih Lin, Chao-Hsin Chien, Tiao-Yuan Huang Characterization of antenna effect by nondestructive gate current measurement 105620
Horng-Chih Lin *see* Kow-Ming Chang 105653
Horng-Dar Lin, Anesko, A., Petryna, B. A 14 GOPS programmable motion estimator for H.26x video coding 77533
Horng-Jwo Wang *see* Chien-Chuan Cheng 104091
Horng-Ren Tsai *see* Shung-Shing Lee 98323
Horng-Yi Chang, Kuo-Shung Liu, Chen-Ti Hu, Tsai-Fa Lin, I-Nan Lin Double critical temperature characteristics of semiconducting $(Ba_{0.7}Pb_{0.3})TiO_3$ materials prepared by microwave sintering 115427
Hornick, C. *see* Laget, V. 64386
Horning, R. *see* Song, J.J. 96330
Horning, R.D. *see* Akinwande, A.I. 73950
Horning, R.D. *see* Burns, D.W. 84634
Hornjer Wei *see* Wei Hornjer
Horno, M. *see* Boix, R.R. 107999
Hornung, V., Le Du, F., Starck, C., Gelly, G., Crusson, C., Laffitte, D., Vinchant, J.F., Lesterlin, D. Study on the reliability of an InP-InGaAsP integrated laser modulator 116552
Hornung, V., Le Du, F., Starck, C., Gelly, G., Emery, J.Y., Chaumont, C., Bodere, A., Hache, C., Le Gouziegou, O., Derouin, E., Michaud, G., Matabon, M., Vinchant, J.F., Lesterlin, D. Stability evaluation of a ridge-integrated laser modulator based on a butt-coupling approach 96062
Horoba, K. *see* Jezewski, J. 110666
Horoba, K. *see* Jezewski, J. 110781
Horowitz, A. *see* Oster, L. 101452
Horowitz, C.J., Meyer, H.O. Polarizing stored beams by interaction with polarized electrons 119975
Horowitz, G., Kouki, F., Spearman, P., Fichou, D., Nogues, C., Pan, X., Garnier, F. Evidence for n-type conduction in a perylene tetracarboxylic diimide derivative 64893
Horowitz, M., Fischer, B., Barad, Y., Silberberg, Y. Photorefractive effect in a $BaTiO_3$ crystal at the 1.5-μm wavelength regime by two-photon absorption 95627
Horowitz, M. *see* Gonzalez, R. 104581
Horowitz, M.A. *see* Chih-Kong Ken Yang 73503
Horowitz, S.J. *see* Ladd, S.K. 83665
Horowitz, Y.S., Weizman, Y., Hirning, C.R. A beta-ray spectrometer based on a two-or three silicon detector coincidence telescope 69870
Horowitz, Y.S. *see* Oster, L. 101452
Horprasert, T., Yacoob, Y., Davis, L.S. Computing 3-D head orientation from a monocular image sequence 117900
Horrell, J.M. *see* Archer, P.J. 119285
Horrillo, M.C. *see* Getino, J. 119770
Horrocks, D.H. *see* Arslan, T. 114106
Horrocks, D.H. *see* Dalton, J.J. 69451
Horsburgh, A. *see* Brown, M. 102316
Horsburgh, G. *see* Brownlie, G.D. 74214
Horsburgh, G. *see* Massa, J.S. 74371
Horsburgh, G. *see* Meredith, W. 74171
Horsburgh, G. *see* Thompson, P.J. 75582
Horsburgh, G. *see* Trager-Cowan, C. 75953
Horsburgh, G. *see* Wang, S.Y. 74373
Horsburgh, G. *see* Zhu, Z. 74198
Horsch, I., Kusche, R., Marti, O., Weigl, B., Ebeling, K.J. Spectrally resolved near-field mode imaging of vertical cavity semiconductor lasers 65219
Horseling, J. *see* Sternschulte, H. 82713
Horsfall, A.B., Oktik, S., Terry, I., Brinkman, A.W. Electrical measurements of $Hg_{1-x}Mn_xTe$ films grown by metalorganic vapour phase epitaxy 74234
Horst, D., Scherr, H., Lueder, E. Increasing the dynamic range of an array of light sensors using a new thin-film circuit 100127
Horst, F., Hoekstra, H.J.W.M., Driessen, A., Popma, T.J.A. Time domain beam propagation method for the simulation of temporal solitons in periodic media 65481
Horst, G.ter *see* ter Horst, G.
Horst, J.A. Maintaining multi-level planar maps in intelligent systems 77300
Horst, J.A., Hui-Min Huang, Tsung-Ming Tsai A certainty grid to object boundary algorithm 97945
Horst, R.van der *see* van der Horst, R.
Horster, P. *see* Michels, M. 76745
Horsthuis, W.H.G., Diemeer, M.B.J. Components for multiple wavelength systems in polymer optoboard technology 68422
Horsthuis, W.H.G. *see* Jager, M. 107525
Horsthuis, W.H.G. *see* Otomo, A. 76151
Horstink, M.W.I.M. *see* Praamstra, P. 101363
Horstmann, G. *see* Golz, A. 105717
Horstmann, H. *see* Vaida, V. 81314
Horstmann, J. *see* Christensen, H.I. 86688
Horstmann, M., Hollfelder, M., Muttersbach, J., Schimpf, K., Marso, M., Kordos, P., Luth, H. Frequency response of InP/InGaAs MSM photodetector with current transport along 2 deg 100045
Horstmann, M., Hollfelder, M., Schimpf, K., Lehmann, R., Marso, M., Kordos, P. Simple realization of a monolithic integrated photoreceiver for 10 Gbit/s using an InP/InGaAs heterostructure 96068
Horstmann, M., Marso, M., Muttersbach, J., Schimpf, K., Kordos, P. Responsivity enhancement of InGaAs based MSM photodetectors using 2DEG layer sequence and semitransparent electrodes 100034
Horstmann, M., Marso, M., Schimpf, K., Ruders, F., van der Hart, A., Hollfelder, M., Hardtdegen, H., Kordos, P., Luth, H. Novel InP/GaInAs MSM photodetector for integration in HEMT circuits 89103
Horstmann, M. *see* Schimpf, K. 104836
Horstmeyer, H. *see* Lanz, E. 70432
Horswill, N. *see* Conrad, J.R. 63249
Horta, N.C., Franca, J.E. Automatic synthesis of data conversion systems using symbolic techniques 93514
Hortal, J., Izquierdo, J.M. Application of the integrated safety assessment methodology to the protection of electric systems 81150
Horton, D. Achieving compatibility in VMEbus design 109049
Horton, D. *see* Aronstein, D. 69717
Horton, J.A., Wright, J.L., Herchenroeder, J.W. Fracture toughness of commercial magnets 115506
Horton, J.L. *see* Davis, M.G. 80441
Horton, J.L. *see* Davis, M.G. 80442
Horton, K.A. *see* Winter, E.M. 108555
Horton, M., Kitchin, C. A dual axis tilt sensor based on micromachined accelerometers 79325
Horton, R. The transaction superhighway: innovation and policy implications 77811
Horton, R.R. *see* Najim, S.M. 91331
Horton, T. Fundamentals of...solid-state presence sensing technologies 82292
Horton, T. Fundamentals of solid-state presence sensing technologies 103190
Hortos, W.S. Application of neural networks to the adaptive routing control and traffic estimation of survivable wireless communication networks 67615
Hortos, W.S. Application of neural networks to channel assignment for cellular CDMA networks with multiple services and mobile base stations 99215
Hortos, W.S. Analysis of the deployment of transportable base stations in personal communication services networks with expanded user location features 109567
Horvat, J. *see* Wang, W.G. 113536
Horvath, A., MacLean, H., Hendrickson, C., Lave, L., McMichael, F. International environmental performance measurement in the electronics industry 72384
Horvath, D. *see* Niestroj, A. 80008
Horvath, E. *see* Kirschner, I. 115892
Horvath, G., Dunay, R. Application of neural networks for adaptive filtering for systems with external feedback paths 97756
Horvath, I.L. Aluminium stabilized cables for very large superconducting magnets 95556
Horvath, I.L., Esslinger, V., Flukiger, R., Seeber, B. Measurements on the residual resistivity ratio (RRR) of high purity aluminium under cyclic mechanical stresses 100267
Horvath, I.L. *see* Fritz, D. 90190
Horvath, Z.E. *see* Molnar, G. 113334
Horvath, Z.J. *see* Cvikl, B. 74686
Horwat, F. *see* Mouzi-Amady, M. 90502
Horwill, C., Young, D.J., Wong, K.T.G. A design for a relocatable tertiary connected SVC 81649
Horwitz, J.S., Dorsey, P.C., Koon, N.C., Rubinstein, M., Byers, J.M., Gillespie, D.J., Osofsky, M.S., Harris, V.G., Grabowski, K.S., Knies, D.L., Donovan, E.P., Treece, R.E., Chrisey, D.B. The effect of oxygen deposition pressure and temperature on the structure and properties of pulsed laser deposited $La_{0.67}Ca_{0.33}MnO_\delta$ films 106479
Horwitz, J.S. *see* Chrisey, D.B. 104101
Horwitz, J.S. *see* Dorsey, P.C. 72942
Horwitz, J.S. *see* Knauss, L.A. 95304
Horwitz, N. *see* Ferrer, A. 69757
Hory, M.A., Bsiesy, A., Herino, R., Ligeon, M., Muller, F., Vial, J.C. Investigation of the quenching mechanisms of the porous silicon luminescence 94271
Hosack, H.H. Process modeling and process control needs for process synthesis for ULSI devices 63885
Hosain, S.I., Meunier, J.-P., Zi Hua Wang Coupling efficiency of butt-joined planar waveguides with simultaneous tilt and transverse offset 64756
Hosaka, H. *see* Goto, E. 80217
Hosaka, H. *see* Hannoe, S. 114367
Hosaka, N. *see* Kumagai, H. 90788
Hosaka, S., Shintani, T., Miyamoto, M., Hirotsune, A., Terao, M., Yoshida, M., Honma, S., Kaemmer, S. Scanning near-field optical microscope with a laser diode and nanometer-sized bit recording 84945
Hosaka, S., Shintani, T., Miyamoto, M., Kikukawa, A., Hirotsune, A., Terao, M., Yoshida, M., Fujita, K., Kammer, S. Phase change recording using a scanning near-field optical microscope 75405
Hosaka, S. *see* Kikukawa, A. 62655
Hosaka, S. *see* Shintani, T. 95663
Hosch, J.W. *see* Prins, S.L. 115089
Hosch, J.W. *see* Raymond, C.J. 112990
Hoschek, R. *see* Huber, C.J. 107722
Hoschek, R. *see* Preis, K. 103326
Hoschette, J. CS14 infrared (IR) sensing: introduction and overview 82119
Hoschl, P. *see* Belas, E. 74607
Hose, K. *see* DiMarco, D. 73357
Hosea, T.J.C., Lancefield, D., Garawal, N.S. Detailed analysis of room-temperature photoreflectance of strained $In_xGa_{1-x}As/Al_yGa_{1-y}As$ undoped single quantum wells 62894
Hoser, A. *see* Kim, W.T. 115530
Hoshen, J. The GPS equations and the Problem of Apollonius 99402
Hoshi, H., Taniguchi, N., Morishima, H., Akiyama, T., Yamazaki, S., Okuyama, A. Off-axial HMD optical system consisting of aspherical surfaces without rotational symmetry 100229
Hoshi, H., Yamada, T., Kajikawa, K., Ishikawa, K., Takezoe, H., Fukuda, A. In-situ observation of SHG and its origin in vacuum deposited copper phthalocyanine film 76155
Hoshi, H. *see* Yamada, T. 85594
Hoshi, H. *see* Yamada, T. 85622
Hoshi, M. *see* Endo, S. 80517
Hoshi, N., Kawamura, A. Experimental discussion on the permanent magnet type anti-directional-twin-rotary motor drive for electric vehicle 91882
Hoshi, R. *see* Hayamizu, Y. 83785
Hoshi, Y., Suzuki, E., Naoe, M. Uniaxial magnetic anisotropy of iron thin films deposited by oblique incidence of deposition particles 64229
Hoshi, Y. *see* Hara, H. 100880
Hoshi, Y. *see* Iwamuro, N. 105938
Hoshi, Y. *see* Kubota, Y. 61427
Hoshi, Y. *see* Kudoh, M. 104335
Hoshi, Y. *see* Satow, T. 95514
Hoshi, Y. *see* Takamatsu, H. 80041
Hoshi, Y. *see* Takamatsu, H. 100907
Hoshiai, T. *see* Hamada, T. 118497
Hoshiai, T. *see* Yamamoto, H. 84868
Hoshida, T., Daza, M.R.H., Liu, H.F., Tsuchiya, M., Kamiya, T., Ogawa, Y. Subharmonic hybrid mode-locking of a 33-GHz multisection semiconductor laser 116525
Hoshida, T., Liu, H.F., Tsuchiya, M., Ogawa, Y., Kamiya, T. Extremely low-amplitude modulation in a subharmonically hybrid mode-locked monolithic semiconductor laser 96388
Hoshimiya, N. *see* Kanoh, S. 108304
Hoshimiya, N. *see* Kurosawa, K. 110933
Hoshimiya, N. *see* Takahashi, K. 70242
Hoshimiya, N. *see* Watanabe, T. 90562
Hoshimiya, T. *see* Endoh, H. 104223
Hoshina, S. *see* Miyakawa, M. 101444
Hoshina, Y. *see* Ikoma, M. 71669
Hoshina, Y. *see* Ikoma, M. 81715
Hoshino, H. *see* Hirata, A. 82745
Hoshino, K. *see* Washida, J. 98894
Hoshino, S., Suzuki, H. Electroluminescence from triplet excited states of benzophenone 85305
Hoshino, S. *see* Sakai, K. 81516
Hoshino, S. *see* Suzuki, H. 75761
Hoshino, S. *see* Suzuki, H. 75763
Hoshino, T., Muta, I., Tsukiji, H., Ohkubo, K., Etoh, M. Recovery time of superconducting non-inductive reactor type fault current limiter 102054
Hoshino, T., Muta, I., Yamamoto, Y., Wang, J., Tsukiji, H., Hayashi, K., Mukai, E. Current status of superconducting synchronous motor in Saga University 102651
Hoshino, T., Someya, T., Yanaki, T., Inami, N. BiCMOS technology with high performance complementary bipolar 95216
Hoshino, T. *see* Ishikawa, K. 77751
Hoshino, T. *see* Watanabe, Y. 98629
Hoshino, Y. *see* Saeki, T. 73369
Hoshiya, H., Komuro, M., Mitsuoka, K., Sugita, Y. Giant magnetoresistance of spin valve films with NiO antiferromagnetic films 64344

Hoshuyama, O., Sugiyama, A. A robust generalized sidelobe canceller with a blocking matrix using leaky adaptive filters 120921
Hosie, R.A. *see* Calder, D.J. 120531
Hosier, P. *see* Ziegler, J.F. 72394
Hoskin, R.E. *see* Warren, J.G. 102537
Hosking, F.M., Stevenson, J.O., Yost, F.G. Enhancing solder flow using chemical etching 104952
Hosking, F.M., Yost, F.G. Characterization of solder flow on PWB surfaces 92186
Hosking, F.M., Yost, F.G. Determining solder flow behaviour on printed wiring board surfaces 104935
Hosking, F.M., Yost, F.G., Holm, E.A., Michael, J.R. Solder flow on narrow copper strips [printed wiring boards] 104943
Hosking, F.M. *see* Stevenson, J.O. 94038
Hosking, M.W. Microstrip circuits of thick-film YBCO on zirconia 62318
Hoskinson, E.M. *see* Moisan, C. 90347
Hoskinson, E.M. *see* Moisan, C. 101122
Hoskinson, E.M. *see* Rogers, J.G. 101314
Hosny, E.A. *see* Abd El-Azeem, M.H. 65907
Hosny, E.A. *see* Sobhy, M.I. 93099
Hosny, E.A. *see* Sobhy, M.I. 107968
Hosny, E.A. *see* Sobhy, M.I. 114244
Hosny, E.A. *see* Sobhy, M.I. 114249
Hosny, W., Chanerley, A., Chyla, P., Dubovsky, J. Digital signal processor controlled four quadrant AC/DC converters 102857
Hosoba, M. *see* Nagata, Y. 80455
Hosoda, M., Mimura, H., Ohtani, N., Tominaga, K., Watanabe, T., Fujiwara, K., Grahn, H.T. Current self-oscillations in photoexcited type-II GaAs-AlAs superlattices 83957
Hosoda, M., Tominaga, K., Vaccaro, P.O., Watanabe, T. Electron drift reversal caused by remaining holes in semiconductor superlattices due to effective-mass filtering 74423
Hosoda, M., Tominaga, K., Vaccaro, P.O., Watanabe, T., Inomata, H., Fujiwara, K. Rapid collapse of Wannier–Stark localization caused by space charge electric field screening in short-period superlattices 114735
Hosoda, M. *see* Hirota, K. 76167
Hosoda, M. *see* Mimura, H. 64802
Hosoda, M. *see* Mimura, H. 94510
Hosoda, M. *see* Ohtani, N. 63080
Hosoda, M. *see* Tominaga, K. 64811
Hosoe, Y. *see* Inaba, N. 64454
Hosoe, Y. *see* Matsuda, Y. 64453
Hosogane, N. *see* Kikuchi, M. 106704
Hosogi, K. *see* Shimada, M. 68016
Hosoi, H., Kaji, M. OKICOM-SR: Digital key telephone system 98930
Hosoi, T. Widely tunable polarization-independent LiNbO$_3$ acousto-optic filter with high sidelobe suppression 85154
Hosokawa, H. *see* Yamaguchi, T. 64406
Hosokawa, K., Shimoyama, I., Miura, H. Two-dimensional micro-self-assembly using the surface tension of water 74892
Hosokawa, M. *see* Miki, C. 101544
Hosokawa, N. Large area deposition: sputtering- and PCVD-systems and techniques for LCD 113498
Hosokawa, N. *see* Numajiri, K. 104155
Hosokawa, N. *see* Okabe, S. 102796
Hosokawa, N. *see* So Won Kim 104156
Hosokawa, N. *see* Yoshida, Y. 91108
Hosokawa, S. *see* Nakajima, S. 108571
Hosokawa, T., Tanimoto, Y., Morita, T., Sugiyama, S., Sekiya, Y., Kaneda, T., Ohashi, Y. Impulse breakdown mechanism in the gap in SF$_6$ gas with a small arc current 81611
Hosokawa, T. *see* Ueno, S. 112878
Hosokawa, T. *see* Yamada, K. 100764
Hosokawa, Y. *see* Chun, Y.S. 61247
Hosokawa, Y. *see* Murata, H. 61246
Hosokawa, Y. *see* Yabuhara, Y. 92676
Hosono, A. *see* Takai, M. 83740
Hosono, H., Kawamura, K., Kawazoe, H., Nishii, J. Nanometer-scale heterogeneity in SiO$_2$-GeO$_2$ glass preforms and fibers prepared by vapor phase axial deposition method 106795
Hosono, H. *see* Nishii, J. 106853
Hosono, K., Tsuji, K., Shibao, K., Io, E., Yonezu, H., Ohshima, N., Pak, K. Fundamental device and circuits for synaptic connections in self-organizing neural networks 62101
Hosono, K. *see* Hayakawa, Y. 120552
Hosono, K. *see* Sato, K. 100751
Hosono, M. *see* Kobayashi, H. 80247
Hosono, S., Torii, S., Ebihara, D. Magnetic shielding effects of tile superconductors on lower frequency 84882
Hosono, T. *see* Kuroiwa, T. 107875
Hosono, Y. *see* Matsumoto, K. 101710
Hosono, Y. *see* Yoshino, T. 76026
Hosoya, F., Moriyama, Y., Masui, K. LCC type hybrid IC mounted bare chips on both sides 73892
Hosoya, H. *see* Yokosuka, H. 119224
Hosoya, K. *see* Inoue, L. 93913
Hosoya, K. *see* Ohata, K. 73774
Hosoya, K. *see* Ohata, K. 88085
Hosoya, M., Hioe, W., Kominami, S., Nagaishi, H., Nishino, T. Superconducting packet switch 115914
Hosoya, M. *see* Tsunetsugu, H. 99508
Hosoya, R. Current trends in very-high-speed computer networking 67799
Hosoya, R. Current trends in very-high-speed computer networking 78038
Hospodkova, A. *see* Maly, P. 94261
Hospodkova, A. *see* Tomasiunas, R. 94254
Hossack, J.A., Auld, B.A. Improved modeling of 0:3 composite materials 106355
Hossack, W.J. *see* Bodammer, G. 106880
Hossain, K. *see* Maruyama, K. 100989
Hossain, L. *see* Lindley, R.A. 87503
Hossain, M., Thumma, B., Ashtaputre, S. A new faster algorithm for iterative placement improvement 93022
Hossain, S.A. *see* Klemmer, T.J. 115639
Hossain, T. *see* Lowell, J. 115063
Hossain, Z., Yang, E.X., Temple, V.A.K., Ma, C.L., Olejniczak, K.J. An MCT circuit model using the lumped-charge modeling technique 113724
Hossain, Z. *see* Neeraj Khare 106694
Hosseini, A., Mavroidis, D., Konas, P. Code generation and analysis for the functional verification of microprocessors 83146
Hosseini, M., Luk, T.W. Sensitivity study and modeling of the current return path for a high frequency application 83643
Hosszurety, Z. When two are better than one [two-stage radial axial hydraulic turbine] 121398
Hoste, S. *see* Van Driessche, I. 113535
Hosten, B. *see* Baudouin, S. 92984
Hosticka, B.J. *see* Machul, O. 119624
Hosticka, B.J. *see* Schwarz, M. 110928
Hosticka, B.J. *see* Wolf, M. 74790
Hosur, P.I. *see* Rao, D.H. 66907
Hosur, S., Tewfik, A.H., Ghazi-Moghadam, V. Adaptive multiuser receiver schemes for antenna arrays 86013
Hosur, S. *see* Swanson, M.D. 86478
Hoszowska, J., Dousse, J.C., Kern, J., Rheme, C. High-resolution von Hamos crystal X-ray spectrometer 90251
Hotate, K. Recent research and applications of fiber optic gyros 79499
Hotate, K. Fiber sensor technology today 110197
Hotate, K., Ito, T. Fibre ring resonator with stable eigenstate of polarisation using twisted singlemode optical fibre 69205
Hotate, K. *see* Takushima, Y. 65100
Hotate, K. *see* Tanaka, Y. 110183
Hotate, K. *see* Tanaka, Y. 116589
Hotate, K. *see* Yamashita, S. 85395
Hothker, K. *see* Cosler, A. 110006
Hotoleanu, M. *see* Rebolledo, M.A. 65089
Hoton How, Ta-Ming Fang, Feng Lu, Ahern, B. Hall-effect characterization in semiconductor heterostructure junctions using polarized laser signal 62806
Hotta, E., Mori, T., Kobayashi, T., Okino, A., Haginomori, E., Ko, K.-C. Bidirectional pulser made from pulse lines for linear induction accelerators 110511
Hotta, H. *see* Kobayashi, R. 65213
Hotta, H. *see* Yoshikawa, T. 84157
Hotta, K., Ogawa, M., Yamamoto, H., Takeuchi, R. Magnetic properties of Sr-M ferrite powders prepared by mechanical alloying method 95359
Hotta, M. *see* Makie-Fukuda, K. 62055
Hotta, M. *see* Shinoda, C. 70915
Hotta, T. *see* Hirade, S. 94987
Hotta, T. *see* Murabayashi, F. 73459
Hotta, T. *see* Naito, M. 94832
Hotta, T. *see* Nishio, T. 71172
Hotta, T. *see* Omura, M. 94821
Hotta, T. *see* Yamaha, T. 63475
Hotte, R. *see* Pierre, S. 72129
Hotter, M., Mester, R., Muller, F. Detection and description of moving objects by stochastic modelling and analysis of complex scenes 86624
Hotter, M. *see* Meyer, M. 117876
Hottgenroth, D. *see* Haas, S. 79092
Hottinen, A., Holma, H., Toskala, A. Performance of multistage multiuser detection in a fading multipath channel 88389
Hottinen, A. *see* Holma, H. 109441
Hottinen, A. *see* Joutsensalo, J. 108800
Hotzl, H., Riedmann, W., Weinmuller, K., Winkler, R. Comparison of direct alpha spectrometry and neutron activation analysis of aerosol filters for determination of workplace thorium air concentrations 70296
Hou, A.S., Nechay, B.A., Ho, F., Bloom, D.M. Scanning probe microscopy for testing ultrafast electronic devices 106114
Hou, C. *see* Fujiwara, H. 75132
Hou, C.J. *see* Kuo, C.J. 104636
Hou, E.S.F. *see* Kaplinsky, M.B. 69550
Hou, E.S.H. *see* Ansari, N. 66612
Hou, G.W. *see* Zheng, X.G. 64502
Hou, H.Q., Chang, T.Y. Demonstration of wide-temperature-range electroabsorption modulation near 1.5 μm using coupled quantum wells 114746
Hou, H.Q., Chui, H.C., Choquette, K.D., Hammons, B.E., Breiland, W.G., Geib, K.M. Highly uniform and reproducible vertical-cavity surface-emitting lasers grown by metalorganic vapor phase epitaxy with in situ reflectometry 107308
Hou, H.Q., Hagerott Crawford, M., Hickman, R.J., Hammons, B.E. Room-temperature continuous wave operation of all-AlGaAs visible (~700 nm) vertical-cavity surface emitting lasers 116490
Hou, H.Q., Tu, C.W. Field screening in (111)BInAsP/InP strained quantum wells 94509
Hou, H.Q. *see* Blum, O. 85520
Hou, H.Q. *see* Choquette, K.D. 105602
Hou, H.Q. *see* Choquette, K.D. 107284
Hou, H.Q. *see* Lear, K.L. 107286
Hou, H.Q. *see* Ortiz, G.G. 75773
Hou, H.Q. *see* Wu, C.S. 100026
Hou, J. *see* Yong, Y.-K. 106380
Hou, S. *see* Jin, C. 74246
Hou, S. *see* Pen-Shu Yeh 120697
Hou, S.R. *see* Anticic, T. 90166
Hou, S.R. *see* Chang, Y.H. 90144
Hou, S.Y. *see* Hong, M. 84029
Hou, S.Y. *see* Nadgomy, B. 115944
Hou, T.-C., Tung, Y.-C. UPC and selective cell discarding in ATM networks 98405
Hou, X.-D. The covering radius of R(1,9) in R(4,9) 97463
Hou, X.Y. *see* Xun Wang 63301
Hou Chao-Ju *see* Chao-Ju Hou
Hou Cheng Gui *see* Cheng Gui Hou
Hou Chun-Hong *see* Chun-Hong Hou
Hou Chunghong *see* Chunghong Hou
Hou Dongyan *see* Zhang Pengfei 84060
Hou Qingfu, Lei Youxun, Meng Luoming The design and implementation of service management point in intelligent network service management system 118546
Hou Shaohua *see* Hong Peizhi 64740
Hou Tsun-Jen *see* Tsun-Jen Hou
Hou Weiguang *see* Weiguang Hou
Hou Xiang-dong *see* Xiang-dong Hou
Hou Xiao Hui, Yin Bo Architecture and switch-detected error analysis of advanced intelligent network AIN/1 118551
Hou Xiaoyuan *see* Lu Xuekun 83856
Hou Xiaoyuan *see* Xiaoyuan Hou
Hou Xiaozheng Discussion of stability measure for single line-to-ground fault occurred simultaneously in different phase and different circuit of double circuit on same support 91219
Hou Xun *see* Gong Ping 95639
Hou Xun *see* Li Xiangmin 62540
Hou Xun *see* Li Xiangmin 104997
Hou Xun *see* Liu Dongfeng 75832
Hou Xun *see* Liu Dongfeng 96398
Hou Xun *see* Wang Xiaoliang 103929
Hou Xun *see* Yang Jianjun 96236
Hou Xun *see* Zhuang Yiqiand 105964
Hou Yob Bum *see* Yob Bum Hou
Hou Young-Tseng *see* Young-Tseng Hou
Hou Yung-Ming *see* Yung-Ming Hou
Hou Zhijian *see* Wu Jishun 91042
Hou Zhongfeng *see* Xu Guijing 81344
Hou-Quan Liu *see* Liu Hou-Quan
Hou-Sheng Huang, Chan-Nan Lu Implementation of network sensitivity calculation on vector computers 80965
Hou-Sheng Huang *see* Jeng-Jye Sheen 88070
Houbak, N. *see* Qvale, V.B. 121346
Houben, P. *see* Bech, S. 110291
Houchard, J. *see* Lundgren, M. 69253
Houck, S.W., Hepp, R.G., Morris, M.J., Benne, M.E. Pressure sensitive paint flight test 90685
Houck, T., Deadrick, F., Giordano, G., Henestroza, E., Lidia, S., Reginato, L., Vanecek, D., Westenskow, G.A., Yu, S. Prototype microwave source for a relativistic klystron two-beam accelerator 110481
Houck, T. *see* Giordanot, G. 89673
Houck, T. *see* Westenskow, G. 83757
Houck, T. *see* Westenskow, G. 89715
Houck, T.L., Westenskow, G.A., Haimson, J., Mecklenburg, B. Chopperton II 100474
Houdayer, A.J., Hinrichsen, P.F., Barry, A.L. Radiation effects of 7.5-114 MeV protons incident on SiC LEDs 107016
Houdre, R. *see* Stanley, R.P. 62860
Houdre, R. *see* Tignon, J. 63034
Houdt, J.Van *see* Van Houdt, J.
Houdy, P. *see* Richomme, F. 95360
Houdzoumis, V.A., Wu, T.T., Myers, J.M. Backscattering of an electromagnetic missile by a metal cylinder of degree higher than two 85837
Houelle, A., Mehrez, H., Vaucher, N. On portable macro-cell FPU generators using the fully 754-IEEE standard 93047
Hougaard, P. Nonlinear regression and curved exponential families. Improvement of the approximation to the asymptotic distribution 92395
Hougen, D.R., Ahuja, N. Shape from appearance: A statistical approach to surface shape estimation 67231
Hough, S., Kandasamy, I., Sutton, P. Customer facing optical plant–a design philosophy 67942
Houghton, A.J.N. Access networks: an European perspective 67955
Houghton, A.J.N. *see* Hill, A.M. 88506
Houghton, A.W., Ali Abu-Rgheff, M.N. Spectrally efficient MSK scheme for SCPC communication systems 66259
Houghton, D. *see* Labrie, D. 94691
Houghton, D.C. *see* Lafontaine, H. 82636
Houghton, D.C. *see* Turan, R. 105111
Houghton, J.W. Growth and opportunity: telecommunications services markets in APEC countries 87539
Houhashi, M. *see* Kaga, T. 80861

Houix, O. Method of analysis and processing of RCS data: Presentation of a software package developed by Aerospatiale Missiles 70582
Houjoh, H., Hirata, K., Sakurai, Y. Vibration measurement of rotating elements by using an optical noncontacting slip-ring 100343
Houjou, Y. *see* Komatsubara, M. 101475
Houjun Lin *see* Shenjun Zhang 84211
Houkes, Z. *see* Damean, N. 110420
Houkes, Z. *see* Guo-yu Wang 86881
Houlden, M.A. *see* Court, G.R. 120110
Houle, J.L. *see* Achour, C. 77057
Houlet, P. *see* Varani, L. 114606
Houlgreave, J.A., Bromley, K.S., Fothergill, J.C. An electroquasistatic finite element model of electric fields and currents generated by coronating electrodes in an electrostatic precipitator 65720
Houlihan, F.M. *see* Wallow, T.I. 105788
Houlton, D.J., Jones, A.C., Haycock, P.W., Williams, E.W., Bull, J., Critchlow, G.W. The deposition of platinum-containing tin oxide thin films by metal-organic CVD 72907
Houlton, D.J. *see* Jones, A.C. 72906
Houlton, D.J. *see* Rushworth, S.A. 61412
Houlton, M.R. *see* Canham, L.T. 94267
Houlton, M.R. *see* Cristiano, F. 92756
Houmin Yan, Lou, S., Sethi, S., Gardel, A., Deosthali, P. Testing the robustness of two-boundary control policies in semiconductor manufacturing 60565
Houminer, Z., Soicher, H. Improved short-term predictions of f_0F_2 using GPS time delay measurements 116899
Hoummady, B. *see* Borie, B. 98188
Houng, B. *see* Haun, M.J. 115452
Houng, D. *see* Bahl, S.R. 105904
Houng, M.P. *see* Sze, P.W. 82590
Houng, Y.M. *see* Dowd, P. 65247
Houng, Y.M. *see* Tan, R.T. 68516
Houpeaux, T. *see* Caer, D. 66168
Houpis, C.H. *see* Reynolds, O.R. 90912
Houqi Zhang *see* Zhang Houqi
Hourany, J. *see* Delorme, F. 109313
Houri, A., Bourges, L. Optimal edge detection algorithm applied to morphological characterization of matrix bone cell 101059
Houriet, R., Feschotte, J., Dutta, J., Hofmann, H. Growth kinetics of tin oxide from tin tetrachloride/methanol complex 72936
Houriet, R. *see* Jian Mi 82635
Houry, S. *see* Blanc, F. 90816
House, D.L.Van *see* Van House, D.L.
Houser, R., DeLoach, S. Instructional design lessons technical communicators can learn from games 112691
Housheng, C., Shiqiang, L., Meiyu, Y., Chongrou, W. Influence of acceptor content and grain-boundary barrier on positive temperature coefficient resistivity properties 114678
Houshmand, B., Itoh, T. Recent advances in time-domain simulation 83357
Houshmand, B., Itoh, T. FDTD method for active and passive microwave structures 93763
Houshmand, B. *see* Chien-Nan Kuo 62278
Houshmand, B. *see* Chien-Nan Kuo 83414
Houshmand, B. *see* Chien-Nan Kuo 97237
Houshmand, B. *see* Chung-Yi Lee 85971
Houshu Wang *see* Wang Houshu
Houssaye, P.R.De La *see* De La Houssaye, P.R.
Houstis, E.N. *see* Kim, S.-B. 113251
Houstis, E.N. *see* Yu-Ling Lai 103783
Houston, J.M. *see* Gentile, T.R. 99998
Houston, P.A. *see* Plimmer, S.A. 63545
Houston, P.A. *see* Plimmer, S.A. 74689
Houston, T. *see* Carey, D. 94149
Hout, K.J.In't *see* In't Hout, K.J.
Hout, S.R.in 't *see* in 't Hout, S.R.
Houten, C.Van *see* Van Houten, C.
Houten, H.Van *see* Van Houten, H.
Houtteman, B. Coaxial connectors: new designs cut assembly costs 83573
Houwen, P.J.Van der *see* Van der Houwen, P.J.
Houwen Wang *see* Wang Houwen
Houyuan Jiang Local properties of solutions of nonsmooth variational inequalities 72535
Houzay, F. *see* Moison, J.M. 61176
Houzelle, S., Bellemain, P., Amalric, J., Herry, P. What kind of images do I need? What is the delay to obtain them? 111334
Hovanessian, S.A., Marechal, N.J., Ostroy, L.B. Doppler analysis of low PRF radars 90891
Hovanessian, S.A. *see* Jocic, L.B. 90879
Hovater, C. *see* Crawford, K. 100624
Hovater, C. *see* Reece, C. 100418
Hovater, C. *see* Ursic, R. 100598
Hovde, D.C. *see* Stanton, A.C. 69366
Hove, J.M.Van *see* Van Hove, J.M.
Hove, L.Van den *see* Van den Hove, L.
Hove, M.Van *see* Van Hove, M.
Hovel, H.J. *see* Chen, B.A. 84579
Hovel, R. *see* Behet, M. 61279
Hovel, R. *see* Mertens, K. 95776
Hoven, G.N.van den *see* van den Hoven, G.N.
Hoven, S.Van Den *see* Van Den Hoven, S.
Hovenier, J.N. *see* Planken, P.C.M. 62746
Hovin, M. *see* Marienborg, J.-T. 104756
Hovis, F.E., Shepherd, B.A., Radcliffe, C.T., Maliborski, H.A. Contamination damage in pulsed 1 μm lasers 107481
Hovsepyan, R.K. *see* Vartanyan, E.S. 92655
How, D.L. A self clocked FPGA for general purpose logic emulation 104523
How, H., Fang, T.M., Vittoria, C., Schmidt, R. Magnetic losses in stripline/microstrip circulators 73637
How Hoton *see* Hoton How
How Kee Chun, L.S., Courant, J.L., Ossart, P., Post, G. In-situ surface preparation of InP-based semiconductors prior to direct UVCVD silicon nitride deposition for passivation purposes 105614
How-Chiang Lee *see* Ching-Ting Lee 75645
How-Chiang Lee *see* Lih-Gen Sheu 95736
How-Rern Lin, Yu-Chin Hsu, TingTing Hwang Cell height driven transistor sizing in a cell based static CMOS module design 63940
Howald, R., McDonnell, C. Design and simulation of an inhomogeneous coupled-line bandpass filter 83335
Howald, R.L. Timing recovery. 2. Circuits provide IF or baseband clock recovery 61692
Howard, A.J., Blum, O., Chui, H., Baca, A.G., Crawford, H. Epitaxial layer thickness measurement by cross-sectional atomic force microscopy 79687
Howard, A.J., Rye, R.R., Ricco, A.J., Rieger, D.J., Lovejoy, M.L., Sloan, L.R., Mitchell, M.A. Using electrochemistry in device processing on poly(tetrafluoroethylene) substrates 62470
Howard, A.J. *see* Fritz, I.J. 116109
Howard, A.J. *see* Shul, R.J. 84141
Howard, A.J. *see* Vartuli, C.B. 84133
Howard, A.J. *see* Weiss, J.D. 69210
Howard, C.M. Managing color appearance in self-luminous displays 110290
Howard, D.J. *see* De Wolf, I. 115320
Howard, G. *see* Addison, C. 87249
Howard, G. *see* Cattrall, D. 67648
Howard, G. *see* Franchi, A. 88190
Howard, G.S. *see* Scalzo, A.J. 91359
Howard, J. Annular resistor technology applied to high density printed circuit boards 93946
Howard, J., Gerogiokas, M., Ying Zhu Compare analysis methods for parallel coupled structures 104784
Howard, J. *see* Lauer, H.C. 118397
Howard, J.K. *see* Barmak, K. 64294
Howard, J.K. *see* Borchers, J.A. 64356
Howard, K.E. *see* Gallo, A.A. 112928
Howard, L.L. *see* Loloee, A. 70125
Howard, N.J., Tyrrell, A.M., Allinson, N.M. The use of field-programmable gate arrays for the hardware acceleration of design automation tasks 73256
Howard, P. Networking performance and capacity: a tutorial 109020
Howard, P.G. Lossless and lossy compression of text images by soft pattern matching 86729
Howard, P.G., Vitter, J.S. Parallel lossless image compression using Huffman and arithmetic coding 108420
Howard, P.M., Edwards, R.V. A maximum likelihood based autocorrelation processor for a photon-resolved laser Doppler anemometer 65588
Howard, R.S. *see* Chroni, E. 90540
Howard, S.L. *see* Katchabaw, M.J. 98578
Howard, S.M. *see* Vogelmann, J.E. 120892
Howard, W.E. Limitations and prospects of a-Si:H TFTs 89306
Howard, W.G. *see* Crespi, A.M. 112184
Howarth, N. *see* Carey, J. 81290
Howarth, P.J.A. High count rate performance of NE213 scintillation detectors with associated pulse shape discrimination electronics 90234
Howarth, R., Buxton, H. Visual surveillance monitoring and watching 67295
Howe, A.F. *see* Selhi, H. 81942
Howe, D., Mellor, P.H., Peel, D.J. High speed electro-mechanical energy storage systems for electric vehicles 91867
Howe, D. *see* Mellor, P.H. 91872
Howe, D. *see* Riley, C.D. 75143
Howe, D. *see* Stone, D.A. 61609
Howe, M.A. *see* Weitkamp, W.G. 79785
Howe, R.D. *see* Son, J.S. 79353
Howe, R.T. *see* Boser, B.E. 69086
Howe, S.D., Metzger, J.D., Smith, G.A. Alternate methods for the production of radioisotopes 80339
Howe, W. *see* Bettati, R. 118531
Howell, A.J., Buxton, H. Towards unconstrained face recognition from image sequences 117898
Howell, B. *see* Carabello, S. 80040
Howell, B. *see* Carabello, S. 100850
Howell, G. *see* Joyce, K.T. 80584
Howell, G.W. *see* Lakshmikantham, V. 82356
Howell, J. *see* Sheng, I.C. 89592
Howell, L. *see* Moreshead, W. 95917
Howell, M. *see* Kang, W.P. 74029
Howell, M. *see* Kang, W.P. 83746
Howell, R.J. Wind energy development in the South Pennines 102595
Howell, W. *see* Giacalone, G. 73368
Howells, E. *see* McCormick, G.P. 115439
Howells, M. *see* Lindaas, S. 116755
Howells, S.C., Schlie, L.A. Transient terahertz reflection spectroscopy of undoped InSb from 0.1 to 1.1 THz 83854
Hower, N. *see* Emamian, M. 89905
Hower, N. *see* Litvinenko, V.N. 79873
Hower, N. *see* Litvinenko, V.N. 100537
Hower, N. *see* O'Shea, P.G. 89770
Hower, N. *see* Ping Wang 89596
Hower, R.W., Shin, J.H., Cha, G.S., Meruva, R.K., Meyerhoff, M.E., Brown, R.B. New solvent system for the improved electrochemical performance of screen-printed polyurethane membrane-based solid-state sensors 115385
Hower, R.W. *see* Malinowska, E. 119644
Hower, S.M. MPEG-2 video satellite transmission using ATM technology 119113
Howerton, M.M., Gopalakrishnan, G.K., Moeller, R.P., Burns, W.K. Low-biasing the cascaded downconverting fiber-optic link 78850
Howes, M.J. *see* Leroux, H. 100287
Howes, M.J. *see* Morton, C.G. 93805
Howes, M.J. *see* Morton, C.G. 93912
Howes, M.J. *see* Panks, A.J. 114316
Howes, R.H. *see* Pitts, B.J. 92089
Howick, E. *see* Brown, N. 88900
Howlader, M.M.K. *see* Azzam, R.M.A. 68477
Howlader, M.M.K. *see* Riza, N.A. 75622
Howlader, M.M.K. *see* Riza, N.A. 117206
Howland, J.W. Digital air/ground communications for air traffic control 70349
Howland, P.E. A passive metric radar using a transmitter of opportunity 68671
Howland, R.S. *see* Lincoln, I. 112991
Howland, W.H., Fonash, S.J. On semiconductor surface evaluation using the effective surface recombination speed for Schottky-coupled photovoltage measurements 74471
Howles, L. Load factors to end March 1996 [nuclear plants] 91295
Howlett, J. *see* Peacock, A. 99994
Howlett, R.J. *see* Walters, S.D. 102202
HoWon Moon *see* YongKook Lee 76653
Howorka, K., Pumprla, J., Schlusche, C., Heger, G., Dovalil, U., Thoma, H. 12 years experience with use of computers in modular outpatient education and treatment in diabetes mellitus 110873
Howorka, K. *see* Thoma, H. 120534
Howsam, J.M. *see* Dube, S.K. 81005
Howser, J., Stevens, R. Packaging a high efficiency GaAs vertical field effect transistor (VFET) power hybrid 82224
Howson, M.A. *see* Wooldridge, I. 75317
Howson, P.A., Archer, J., Miller, R., Doone, R., Al-Tai, M.A. The control of a lightning arrester spark gap by a high voltage bulk photoconductive switch 81166
Howson, P.A. *see* Steed, C.M. 91691
Howson, P.A. *see* Walters, S.D. 102202
Hoy, H.H., Lam, T. CH-47D computer graphics generated display monitor [for flight test visualization] 70321
Hoya, T., Ihara, H., Ishida, Y. Spoken word recognition by neural networks using adaptive inverse filters 97604
Hoyer, E., Akre, J., Humphries, D., Jackson, T., Marks, S., Minamihara, Y., Pipersky, P., Plate, D., Portmann, G., Schlueter, R. Wigglers at the Advanced Light Source 100455
Hoyer, E. *see* Humphries, D. 100456
Hoyer, E. *see* Marks, S. 100441
Hoyer, P. *see* Konenkamp, R. 62823
Hoying, J.F. *see* DePoyster, M.R. 118439
Hoyle, B.S. *see* Schlaberg, H.I. 100401
Hoyle, P.C., Cleaver, J.R.A., Ahmed, H. Electron beam induced deposition from $W(CO)_6$ at 2 to 20 keV and its applications 61376
Hoyt, C. *see* Sartor, M.A. 79561
Hoyt, E. *see* Holdener, F.R. 100432
Hoyt, G. TDMA with a direct sequence spread spectrum (DS/SS) overlay provides a cost effective PCS multiple access system 118851
Hoyt, J.L. *see* Takagi, S. 94993
Hoyt, M. *see* Holdener, F.R. 100432
Hoyt, R.F. *see* Grochowski, E. 64416
Hoyt, R.P., Nelson, B.A., Darling, R.B. Studies of inductively coupled plasma source antenna symmetry and characterisation of an SiO_2 sputtering plasma 113432
Hoyup Kwon *see* Hyunsang Hwang 63701
Hozhabri, N. *see* Stormer, J. 104008
Hozumi, N., Takeda, T., Suzuki, H., Okamoto, T., Watanabe, K., Watanabe, A., Miyata, H. Space charge evolution in XLPE cable insulation under high electric fields 70917
Hozumi, N. *see* Okamoto, T. 64127
Hozumi, N. *see* Takeda, T. 64148
Hozumi, N. *see* Tanaka, T. 91175
Hrabal, D. *see* Benfatto, I. 112060
Hrabal, D. *see* Roshal, A. 102884
Hrabar, S., Margetic, S., Kovacevic, R. Some experiences with implementation of the Neumeyer six-port calibration method 79679
Hrabovcova, V. *see* Brslica, V. 121461
Hradsky, G. The ideal logic analyser 119573
Hren, J. *see* Choi, W. 105002
Hren, J.J. *see* Choi, W.B. 74035
Hren, J.J. *see* Choi, W.B. 83705
Hren, J.J. *see* Myers, A.F. 74037
Hren, J.J. *see* Myers, A.F. 83701
Hribar, M.R., Taylor, V.E. Practical issues of 2-D parallel finite element analysis 61114
Hribek, P. *see* Kaczmarek, M. 107507
Hribernik, B. *see* Hamler, A. 71253
Hribernik, B. *see* Trlep, M. 107696
Hribik, J. Current-to-frequency converters with compensation 91606

Hribsek, M.F. Electromechanical silicon beam filter bank 83194
Hribsek, M.F. *see* Tosic, D.V. 73589
Hrisoho, A. *see* Ardelean, J. 100916
Hrisoho, A. *see* Dentan, M. 90222
Hrisoho, A. *see* Dentan, M. 95214
Hristakos, L.S. *see* Leuchtner, R.E. 72853
Hromadka, T.V., II Modeling error in evaluation of the CVBEM matrix system 61104
Hronik, S. Designing with high speed clock drivers 61994
Hronik, S. Designing with high speed clock drivers 73494
Hross, R., Ziavras, S.G., Manikopoulos, C.N., Lad, N.T., Xi Li A defect identification algorithm for sequential and parallel computers 67145
Hrovat, M., Drazic, G., Belavic, D., Holc, J., Soba, S. Microstructural investigations of thick film resistors with high gauge factors 62378
Hrovat, M., Kuscer, D., Bernik, S., Drazic, G., Holc, J., Dacar, B., Kolar, D. CaO modified LaFeO$_3$ as a possible SOFC cathode material 81736
Hrovat, M. *see* Belavic, D. 62499
Hrovat, M. *see* Belavic, D. 62500
Hrovat, M. *see* Kuscer, D. 81735
Hrovat, M. *see* Susnik, D. 81737
Hrubcin, L. *see* Dubecky, F. 120153
Hrubcin, L. *see* Huran, J. 113504
Hrubes, J.D. *see* Meng, J.C.S. 91880
Hruby, J. *see* Malek, C.K. 74655
Hruby, J.M. *see* Jackson, K.H. 76357
Hruska, P. *see* Koktavy, B. 93972
Hruska, P. *see* Sikula, J. 93949
Hruska, P. *see* Sikula, J. 94878
Hrybacz, M. Satellite telecommunication network of BPT TELBANK SA 99409
Hryniewicz, T., Sienicki, W. Preparation and properties of tungsten disulphide polycrystalline thin films intercalated with guest atoms 92785
Hryniewicz, T. *see* Sienicki, W. 116224
Hsaio-Dong Chiang *see* Fukuyama, Y. 70780
Hsaio-Dong Chiang *see* Fukuyama, Y. 70796
Hsaio-Dong Chiang *see* Fukuyama, Y. 121116
Hsein-Chang Chang *see* Tzong-Jih Cheng 80182
Hseuh, H.C., Snydstrup, L., Mapes, M., Pai, C. Beam vacuum system of Brookhaven's muon storage ring 89610
Hseuh, H.C. *see* Ahrens, L.A. 79924
Hseuh, H.C. *see* Blaskiewicz, M. 79925
Hsi Chi-Shiung *see* Chi-Shiung Hsi
Hsi Pao-Hsiang *see* Lu Chung-Chin 111603
Hsi-Chiang Chou *see* Ji-Chyun Liu 119844
Hsi-Ching Chen, Herng-Der Lin, Rong-Huey Huang, Yaw-Wu Chen, Kuang-Chao Wu, Ruey-Lian Horng A study on the analysis of C$_3$ and C$_4$ gas dissolved in oil and the failure diagnostic criteria for the transformers 81513
Hsia, D.Y. *see* Lee, C.H. 91301
Hsia, I.Y., Alexopoulos, N.G. Electromagnetically coupled dipole antennas in nonreciprocal microstrip 66009
Hsia, R.P. *see* Zhaug, W.-M. 117095
Hsia, S. *see* Tong, Q.-Y. 114851
Hsia, Y.-S. *see* Yang, Y.-S. 98793
Hsia Choong Procurement of environmentally responsible material 72380
Hsia Choong *see* Ross, V. 72366
Hsia Kuo-Hsien *see* Kuo-Hsien Hsia
Hsia Yiao-Tee *see* Yiao-Tee Hsia
Hsiang-Chih Sun *see* Chanh Nguyen 63632
Hsiang-Ling Li, Chakrabarti, C. Motion estimation of two-dimensional objects based on the straight line Hough transform: a new approach 86352
Hsiang-Sung Huang *see* Shih-Liang Jung 121697
Hsiao, C.Y. *see* Lin, H.Y. 91553
Hsiao, G.C. *see* Feistauer, M. 61108
Hsiao, H.-S.S., Bhushan, B., Hamrock, B. Ultrathin liquid lubrication of magnetic head-rigid disk interface for near-contact recording. I. A closed-form solution to the Reynolds equation 75216
Hsiao, H.-S.S., Bhushan, B., Hamrock, B.J. Ultrathin liquid lubrication of magnetic head-rigid disk interface for near-contact recording. II. Shear thinning and thermal thinning 75217
Hsiao, J.-H. *see* Chen, C.-T. 97860
Hsiao, K.M. *see* Wang, D.J. 94168
Hsiao, M.S., Rudnick, E.M., Patel, J.H. Alternating strategies for sequential circuit ATPG 73232
Hsiao, M.S., Rudnick, E.M., Patel, J.H. Automatic test generation using genetically-engineered distinguishing sequences 104477
Hsiao, R., Miller, D., Kellock, A. Response surface study of resist etching in high density oxygen plasma and interactions of O$_2$ plasma with NiFe, Cu, Ta, and Al$_2$O$_3$ 84134
Hsiao, W.S. *see* Boisset, G.C. 72309
Hsiao Chih-Ping *see* Chih-Ping Hsiao
Hsiao Chu-Ya *see* Chu-Ya Hsiao
Hsiao Pei-Yung *see* Pei-Yung Hsiao
Hsiao-Chuan Wang *see* Chi-Shi Liu 76871
Hsiao-Chun Wu *see* Principe, J.C. 108366
Hsiao-Dong Chiang *see* Flueck, A.J. 70726
Hsiao-Dong Chiang *see* Flueck, A.J. 120968
Hsiao-Dong Chiang *see* Jin-Cheng Wang 121135
Hsiao-Fan Wang, Jyh-Shing Horng Structural approach to parametric analysis of an IP on the case of the right-hand side 72556
Hsiao-Ping Juan, Gajski, D.D., Bakshi, S. Clock optimization for high-performance pipelined design 113680
Hsiao-Ping Juan *see* Bakshi, S. 117381
Hsiao-Yi Lin, Chun-Yen Chang, Tan Fu Lei, Feng-Ming Liu, Wen-Luh Yang, Juing-Yi Cheng, Hua-Chou Tseng, Liang-Po Chen Low-temperature and low thermal budget fabrication of polycrystalline silicon thin-film transistors 115212
Hsieh, B.B. *see* Ku, T.K. 74054
Hsieh, B.R. *see* Fou, A.C. 75746
Hsieh, B.R. *see* Onitsuka, O. 116271
Hsieh, B.R. *see* Razafitrimo, H. 107005
Hsieh, C.C. *see* Yao, Y.D. 95393
Hsieh, C.M. *see* Easter, W.G. 63151
Hsieh, C.T. *see* Huang, S.J. 120972
Hsieh, E.P. *see* Sayah, J.Y. 113638
Hsieh, F. *see* Adams, M. 110591
Hsieh, H. *see* Balarin, F. 87472
Hsieh, H. *see* Whitham, K. 89719
Hsieh, H. *see* Zisman, M.S. 79959
Hsieh, H.-Y. *see* Chen, T. 97635
Hsieh, H.F., Shih, H.C. Studies of thin films grown on InAs(111) and GaP(100) in HCl etches using X-ray diffraction methods 94765
Hsieh, I.J. *see* Ku, T.K. 62573
Hsieh, I.J. *see* Ku, T.K. 74054
Hsieh, J., Du, D.H.C., MacDonald, J.A., Pugaczewski, J., Kays, J., Wiklund, M. Experimental study of extended HIPPI connections over ATM networks 87804
Hsieh, J. *see* Cordero, C. 87714
Hsieh, J. *see* Liu, J.C.L. 88854
Hsieh, J. *see* Yuewei Wang 99787
Hsieh, J.C. *see* Liu, C.J. 89181
Hsieh, J.T., Hwang, H.L. AES and SRUPS studies on surface passivation of GaAs by (NH$_4$)$_2$S$_x$ sulfurization techniques 63273
Hsieh, K.-C. *see* Flachsbart, B. 82265
Hsieh, K.C. *see* Chin, A. 83844
Hsieh, K.C. *see* Hoke, W.E. 84484
Hsieh, K.C. *see* Malin, J.I. 94507
Hsieh, K.C. *see* Malin, J.I. 119675
Hsieh, K.C. *see* Mei, X.B. 83964
Hsieh, K.Y. *see* Chin, A. 74391
Hsieh, M. *see* Stoffel, N.C. 60617
Hsieh, M.-C. A design of switching hub for the LAN interconnection 77992
Hsieh, M.C., Tseng, T.Y., Wei, S.M., Fu, C.M., Wu, K.H., Juang, J.Y., Uen, T.M., Gou, Y.S. Effects of oxygen content on the penetration depth of pulsed laser deposited YBCO thin films 64503
Hsieh, S.-C. *see* Su, S.-L. 99131
Hsieh, S.C. *see* Lin, H.Y. 91553
Hsieh, S.F., Chow, Y.F. Multichannel sound field equalization 101588
Hsieh, W. *see* Fawcett, B. 113856
Hsieh, W.-H., Jou, S.-J., Su, C.-C. Parallel event-driven MOS timing simulator on distributed memory multiprocessors 93075
Hsieh, W.Y. *see* Lin, J.H. 84224
Hsieh, Y.-L., Gullberg, G.T., Zeng, G.L., Huesman, R.H. Fan beam image reconstruction using generalized natural pixel bases [SPECT] 101158
Hsieh, Y.-L., Zeng, G.L., Gullberg, G.T. Truncation studies using the generalized naturalized natural pixel bases for parallel beam geometry 101151
Hsieh, Y.C. *see* McKeown, D.M. 70551
Hsieh Chang-Jyh *see* Chang-Jyh Hsieh
Hsieh Chaur-Heh *see* Chaur-Heh Hsieh
Hsieh Cheng-Ta *see* Cheng-Ta Hsieh
Hsieh Cheng-Tao *see* Cheng-Tao Hsieh
Hsieh Cheng-Teh *see* Cheng-Teh Hsieh
Hsieh Chien-Hsien An investigation on the explosion of the interrupter of gas circuit breaker 112144
Hsieh Chih-Cheng *see* Chih-Cheng Hsieh
Hsieh Ching-Tang *see* Ching-Tang Hsieh
Hsieh Guan-Chyun *see* Guan-Chyun Hsieh
Hsieh Iing-Jar *see* Iing-Jar Hsieh
Hsieh Jang-Cheng *see* Jang-Cheng Hsieh
Hsieh Jenwei *see* Jenwei Hsieh
Hsieh Jer-Guang *see* Jer-Guang Hsieh
Hsieh Jun-Wei *see* Jun-Wei Hsieh
Hsieh Meng-Han *see* Meng-Han Hsieh
Hsieh Ming-Jeng *see* Ming-Jeng Hsieh
Hsieh Sheau-Ling *see* Sheau-Ling Hsieh
Hsieh Sheng-Cheng *see* Sheng-Cheng Hsieh
Hsieh Wen-Feng *see* Wen-Feng Hsieh
Hsieh Yeng-Neng *see* Yeng-Neng Hsieh
Hsieh Yu-Lung *see* Yu-Lung Hsieh
Hsieh Yuan *see* Yuan Hsieh
Hsieh Yuan-Tzone *see* Yuan-Tzone Hsieh
Hsieh Yung-Chieh *see* Yung-Chieh Hsieh
Hsieh-Cheng Lin *see* Chung-Ming Kuo 87187
Hsien Wu Ming *see* Ming Hsien Wu
Hsien-Che Lee Color image quantization based on physics and psychophysics 86599
Hsien-Hui Tseng, Sheau-Chuen Lee, Chir-Ho Chang The design of a fast inference and symmetric membership function based fuzzy chip 113898
Hsien-Hui Tseng *see* Wenn-Chau Ko 104579
Hsien-Kuei Hwang Asymptotic expansion for the Lebesgue constants of the Walsh system 77021
Hsien-Tsai Wu, Jar-Ferr Yang A Gerschgorin radii based source number detection: Analysis and simulations 117458
Hsin, W.-J., van de Liefvoort, A. The teletraffic analysis of the multi-server loss model with renewal distributions 98433
Hsin, W.-J. *see* Reece, C.S. 108826
Hsin, Y.M., Vu, D.P., Asbeck, P.M. Experimental I-V characteristics of AlGaAs/GaAs heterojunction bipolar transistors with very thin bases 84348
Hsin Chengho *see* Chengho Hsin
Hsin Wang Chih *see* Chih Hsin Wang
Hsin Wei *see* Wei Hsin
Hsin Yen Kuo *see* Kuo Hsin Yen
Hsin-Cheng Su, Kin-Lu Wong Full-wave analysis of the effective relative permittivity of a coplanar waveguide printed inside a cylindrical substrate 76518
Hsin-Chin Chang, Chin-Chih Yeh, Wei-Cheng Ku, Kuang-Chung Tao A multilayer bandpass filter integrated into RF module board 88237
Hsin-Hung Lai *see* Ching-Ting Lee 75645
Hsin-i Wu *see* Bai-Lian Li 70149
Hsin-Jang Shieh *see* Kuo-Kai Shyu 81948
Hsin-Tien Chiu, Ching-Shing Shie, Shiow-Huey Chuang Growth of ternary Si$_{1-y-y}$Ge$_x$C$_y$ thin films from a single-source precursor, Ge(SiMe$_3$)$_4$ 72941
Hsin-Tong Kao, Ling-Ling Wang A study of fractals on image processing 77516
Hsing, D.M. *see* Chang, W.C. 64255
Hsing, D.M. *see* Chang, W.C. 115545
Hsing, T.R. Video on phone lines: Technology and applications 87974
Hsing, T.R. *see* Barton, M. 88367
Hsing, T.R. *see* Chen, W.Y. 78248
Hsing Cheng *see* Baron, C. 96688
Hsing Liu Chun *see* Chun Hsing Liu
Hsing-Fei Wu *see* Sih-Li Chen 82009
Hsing-Huang Tseng *see* Perera, A.H. 115217
Hsing-Kuo Hua *see* Rubin, I. 78100
Hsing-Mean Sha, E. *see* Sheliga, M. 106134
Hsing-Wen Sung *see* Cape, E.G. 80477
Hsing-Wen Wang *see* Izatt, J.A. 120406
Hsing-Yi Chen, Gong-Yu Lu Electric field distributions between three dipole antennas and a metallic plate 117039
Hsing-Yi Chen, Wen-Chin Lan Radiation patterns prediction of a dipole antenna mounted on a complex structure using GTD method 117040
Hsiu-Fen Chou, Cheng-Hua Lee, Kwang-Cheng Chen Group randomly addressed polling with reservation for wireless integrated service networks 87477
Hsiu-Fen Chou, Kwang-Cheng Chen Performance of group randomly addressed polling with reservation in wireless integrated service networks 78525
Hsiu-Fung Cheng Structural and electrical properties of excimer laser deposited PLZT thin films 61332
Hsiu-Fung Cheng Structural and optical properties of laser deposited ferroelectric (Sr$_{0.2}$Ba$_{0.8}$)TiO$_3$ thin films 75018
Hsiue Ging-Ho *see* Ging-Ho Hsiue
Hsiung, G.-Y. *see* Hsu, I. 100592
Hsiung, G.Y. *see* Wang, D.J. 94168
Hsiung, J.C. *see* Pearson, R.A. 112964
Hsiung Chen Chun *see* Chun Hsiung Chen
Hsiung Chou, Chen, H.Z., Chen, Y.C., Lin, T.L., Chow, T.C., Wang, T.P. Surface morphology effect on the photoresponse of high temperature superconducting microbridges 95504
Hsiung Chou, Chen, H.Z., Hong, M.T., Chen, Y.C., Chow, T.C. Bolometric detection in a precipitation free Y$_1$Ba$_2$Cu$_3$O$_{7-\delta}$ film at 77 K 69135
Hsu, A. *see* Jackson, T.J. 120842
Hsu, A.Y. *see* Fung, A.K. 120864
Hsu, A.Y. *see* O'Neill, P.E. 120840
Hsu, C.C., Xu, J.B., Wilson, I.H. Surface morphology of metalorganic vapor phase epitaxy grown InAs and InGaAs observed by atomic force microscopy 61244
Hsu, C.C., Yang, Y.F., Ou, H.J., Yang, E.S. CCl$_4$-doped semi-insulating InP as a buffer layer in GaInAs/InP high electron mobility transistors 95063
Hsu, C.C. *see* Chen, W.D. 105467
Hsu, C.C. *see* Shih, S.E. 120863
Hsu, C.C. *see* Yang, Y.F. 84616
Hsu, C.F., Largent, C.C., O, J.S., Young, C.L., Zory, P.S., Bour, D.P. Internal quantum efficiency measurements of GaInP quantum well laser material using liquid contact luminescence 96251
Hsu, C.F. *see* Zory, P.S. 64916
Hsu, C.T. *see* Chen, C.S. 101893
Hsu, C.T. *see* Tzeng, Y.M. 112630
Hsu, D.K. *see* Hyunjo Jeong 72985
Hsu, D.S.Y., Gray, H.F. Vertical thin-film-edge field emitters fabricated by chemical beam deposition 74021
Hsu, F. *see* Dundar, G. 83292
Hsu, F.-R. *see* Bu, L. 97634
Hsu, H.P. *see* Haugsjaa, P. 72296
Hsu, H.P. *see* Yap, D. 85344
Hsu, I., Chu, C.-C., Yu, C.-I., Chen, C.-I., Lai, A.-T., Liu, Y.-C., Tseng, P.-K., Hsiung, G.-Y., Hsu, R.-C., Wang, C.-P., Chen, R.-C. Energy measurement of relativistic electrons by Compton scattering 100592
Hsu, I., Luo, G.H., Tsang, K.L., Chu, C.C., Yu, C.I., Weng, W.T., Chung, S.C. The electron beam orbit sensitivity of the photon flux of the photon beam line 89890
Hsu, I., Yu, C.I., Chu, C.C. Study of fast energy electron beam profile monitor system 100554
Hsu, I. *see* Kwok, P. 89918
Hsu, I. *see* Weng, W.T. 79872
Hsu, I.S. *see* Tu, P.J. 98608

Hsu, J., Pizlo, Z., Chelberg, D.M., Babbs, C.F., Delp, E.J. Issues in the design of studies to test the effectiveness of stereo imaging 119805
Hsu, J. *see* Peng, J.Z. 84392
Hsu, J. *see* Sewell, P. 62229
Hsu, J.-M. *see* Huang, C.-M. 98447
Hsu, J.H., Huang, Y.H., Chen, J.W., Yao, Y.D. Evolution of electrical and magnetic properties with annealing treatments for GdCu films 115531
Hsu, J.S., Sorenson, P.L. Field assessment of induction motor efficiency through air-gap torque 111971
Hsu, J.T., Ngo, K.D.T. Field-based finite-element circuit models for magnetic components with hysteresis 65733
Hsu, J.T. *see* Chen, H.N. 96306
Hsu, J.T. *see* Durcok, S. 106556
Hsu, J.W.P. *see* Lee, M. 69032
Hsu, J.W.P. *see* Xu, Q. 92711
Hsu, J.Y. *see* Chan, C.H. 100443
Hsu, J.Y.-J. *see* Fang-Chang Lin 87439
Hsu, K. *see* Yufei Bao 75659
Hsu, K. *see* Yufei Bao 95864
Hsu, K.C. *see* Hwang, H.L. 83793
Hsu, K.T., Kuo, C.C., Lau, W.K., Weng, W.T. Damping rates of the SRRC storage ring 79974
Hsu, K.T. *see* Chen, J. 89940
Hsu, K.T. *see* Gwo-Huei Luo 79869
Hsu, K.T. *see* Jan, G.J. 100545
Hsu, K.T. *see* Kuo, C.C. 79975
Hsu, K.T. *see* Lau, W.K. 89846
Hsu, K.T. *see* Lee, J.C. 89847
Hsu, K.T. *see* Ueng, T.S. 100548
Hsu, K.T. *see* Ueng, T.S. 100559
Hsu, K.T. *see* Wang, C.J. 100578
Hsu, K.T. *see* Wang, M.H. 89848
Hsu, K.T. *see* Weng, W.T. 79872
Hsu, K.Y. Photorefractive optical storage system 84958
Hsu, K.Y. *see* Shiuan Huei Lin 96705
Hsu, K.Y.J. *see* Huey-Liang Hwang 61328
Hsu, K.Y.J. *see* Hwang, H.L. 94716
Hsu, K.Y.J. *see* Lee, C.H. 63276
Hsu, K.Y.J. *see* Lee, C.H. 94273
Hsu, K.Y.J. *see* Lin, C.C. 63128
Hsu, L., Rao, K.R. Overlapped motion-compensated wavelet and lapped orthogonal transforms for scalable HDTV coding 86320
Hsu, L., Rao, K.R. Scalable coding of HDTV using motion-compensated wavelet transform and DCT/LOT 99759
Hsu, L. *see* Kin Man Yu 74526
Hsu, L. *see* Kin Man Yu 94678
Hsu, L. *see* Sanchez, H. 73466
Hsu, N.N., Xiang, D., Fick, S.E., Blessing, G.V. Time and polarization resolved ultrasonic measurements using a lensless line-focus transducer 111372
Hsu, N.N. *see* Xiang, D. 111366
Hsu, R.-C. *see* Hsu, I. 100592
Hsu, S. *see* Irani, M. 86626
Hsu, S. *see* Spence, C. 77306
Hsu, S.-M., Lee, T.-S. Extraction of spread spectrum signals by antenna array via codelength division multiple access 97393
Hsu, S.C. *see* Wildes, R.P. 86334
Hsu, S.F. *see* Chen, S.T. 90599
Hsu, S.N. *see* Wang, D.J. 94168
Hsu, S.S., Hoh, L., Rosenbaum, R.M., Rosen, A., Walinsky, P., Greenspon, A.J. A method for the in vitro testing of cardiac ablation catheters 120500
Hsu, T.-C.C., Kenevan, J.R., Kraft, G.D. Performance simulation of intelligent network based personal communication services 118549
Hsu, T.C. *see* Chun, Y.S. 61247
Hsu, T.M. *see* Lee, W.C. 61168
Hsu, W., Lim, A., Lee, C.S.G. Conceptual level design for assembly analysis using state transitional approach 82150
Hsu, W.C. *see* Ikai Lo 105354
Hsu, W.C. *see* Kao, M.J. 62850
Hsu, W.C. *see* Wu, Y.H. 63600
Hsu, Y., Wang, W.I., Kuan, T.S. Study of interface abruptness of molecular beam epitaxial GaAs/AlAs superlattices grown on GaAs (311) and (100) substrates 82685
Hsu, Y.-Y., Jwo-Hwu, Y. Planning of distribution substations, feeders and sectionalizing switches using heuristic algorithms 81024
Hsu, Y.-Y. *see* Liang, R.-H. 71178
Hsu, Y.T., Mason, B., von Nagy-Felsobuki, E.I. A pulse valve appropriate for supersonically cooled clusters 110621
Hsu, Y.W., Johnston, R.A. Design and analysis of one meter Beryllium space telescope 70449
Hsu, Y.W. *see* DeCaro, R.E. 94129
Hsu Bey-Jsang *see* Bey-Jsang Hsu
Hsu Cheng *see* Cheng Hsu
Hsu Chih-Chien *see* Chih-Chien Hsu
Hsu Chih-Hsu *see* Chih-Hsu Hsu
Hsu Chih-Wei *see* Chih-Wei Hsu
Hsu Chin-Chih *see* Chin-Chih Hsu
Hsu Chin-Tsar *see* Chin-Tsar Hsu
Hsu Ching-Hao *see* Ching-Hao Hsu
Hsu Chiou-Ting *see* Chiou-Ting Hsu
Hsu Chiu-Ting *see* Chiu-Ting Hsu
Hsu Chung-Chi *see* Chung-Chi Hsu
Hsu Dahsiung *see* Changxian Shi 119119
Hsu Heng-Shou *see* Heng-Shou Hsu
Hsu Hung-Hseng *see* Hung-Hseng Hsu
Hsu Hwai-Zeng *see* Hwai-Zeng Hsu
Hsu Jenq-Muh *see* Jenq-Muh Hsu
Hsu Jia Tzer *see* Jia Tzer Hsu
Hsu Jui-Hung *see* Jui-Hung Hsu
Hsu Ken Yuh *see* Ken Yuh Hsu
Hsu Kou-Cheng *see* Kou-Cheng Hsu
Hsu Liangchi *see* Liangchi Hsu
Hsu Lih-Hsing *see* Lih-Hsing Hsu
Hsu Liu Chong *see* Liu Chong Hsu
Hsu Ming-Yuh *see* Ming-Yuh Hsu
Hsu Rong Tay *see* Rong Tay Hsu
Hsu Rong-Tay *see* Rong-Tay Hsu
Hsu Shau-Wei *see* Shau-Wei Hsu
Hsu Shih-Min *see* Shih-Min Hsu
Hsu Shou-Chen *see* Shou-Chen Hsu
Hsu Sin Yun *see* Sin Yun Hsu
Hsu Tsun-Lai *see* Tsun-Lai Hsu
Hsu Wan-Pau *see* Wan-Pau Hsu
Hsu Wan-Thai *see* Wan-Thai Hsu
Hsu Wei Chou *see* Wei Chou Hsu
Hsu Wei-Chen *see* Wei-Chen Hsu
Hsu Wei-Chou *see* Wei-Chou Hsu
Hsu Wei-Yung *see* Wei-Yung Hsu
Hsu Wen-Hsing *see* Wen-Hsing Hsu
Hsu Wenbin *see* Wenbin Hsu
Hsu Wenjing *see* Hu Zejun 78952
Hsu Yen-Feng *see* Yen-Feng Hsu
Hsu Yimin *see* Yimin Hsu
Hsu Yu-Chang *see* Yu-Chang Hsu
Hsu Yu-Chin *see* Yu-Chin Hsu
Hsu Yuan-Yih *see* Yuan-Yih Hsu
Hsu Yuang-Ming *see* Yuang-Ming Hsu
Hsu-Chih Wang, Ya-Dong Wu, Tsukamoto, M., Inoue, K. A method of pitch extraction by fuzzy matching 108266
Hsu-Tung Chen, Po-Cheng Wu, Yeong-Kang Lai, Liang-Gee Chen A multimedia video conference system: using region base hybrid coding 109162
Hsu-Tung Chen *see* Yeong-Kang Lai 104582
Hsuan Yi *see* Yi Hsuan
Hsue, C.S. *see* Kuo, C.C. 79975
Hsue, C.S. *see* Lee, J.C. 89687
Hsue, C.S. *see* Lee, J.C. 89847
Hsue, C.S. *see* Wang, M.H. 89848
Hsue, C.S. *see* Weng, W.T. 79872
Hsueh, A., Shlomot, E., Ye, Q., Simpson, M., Braun, D., Johnston, J. A low-complexity high quality speech coder for multimedia applications 98952
Hsueh, F. *see* Dolny, G. 69396
Hsueh, F.-L. *see* Khormaei, R. 89376
Hsueh, K.-S., Mosleh, A. The development and application of the accident dynamic simulator for dynamic probabilistic risk assessment of nuclear power plants 81230
Hsueh, Y.-T., Smith, R.L., Northrup, M.A. A microfabricated, electrochemiluminescence cell for the detection of amplified DNA 119751
Hsueh-I Lu *see* Klein, P. 92511
Hsueh-Yuan Pao, Dvorak, S.L., Dudley, D.G. An accurate and efficient analysis for transient plane waves obliquely incident on a conductive half space (TE case) 85821
Hsueh-Yuan Pao, Dvorak, S.L., Dudley, D.G. An accurate and efficient analysis for transient plane waves obliquely incident on a conductive half space (TM case) 85822
Hsueh-Yuan Pao, Dvorak, S.L., Dudley, D.G. The effects of neglecting displacement currents when studying transient wave propagation in the Earth 107837
Hsun Yeh Ia *see* Ia Hsun Yeh
Hsun-Hsin Chuang *see* Ching-Hsing Luo 120333
Hsung TaiChiu *see* TaiChiu Hsung
Hsunling Bai, Jong-Hourm Wei The CO$_2$ mitigation options for the electric sector. A case study of Taiwan 70651
Htun, M. *see* Jiang, J. 101126
Hu, A. Miniature optical fiber splitters for sensor and telecommunications applications 84982
Hu, A., Dun, H.-P., Renteln, P., Sachs, E. Sensor development and process control for chemical mechanical planarization of multilevel interconnect devices 63388
Hu, A.K., Green, E.D.H. Packaging of MEMS devices 72305
Hu, B., Ko, T.-M. A Viterbi equalizer for nonlinear communication channels 77058
Hu, B.H. *see* Xin, S.H. 82699
Hu, B.H.L., Weresin, W.E., Home, D., Gallagher, T., Robertson, N., Re, M. High frequency characterization and recording performance of NiFe and laminated FeN heads 115661
Hu, C. AC effects in IC reliability 115297
Hu, C., Cheung, N.W., Tao, J. Electromigration under bidirectional current stress 63478
Hu, C. *see* Anselm, K.A. 85283
Hu, C. *see* Murtaza, S.S. 88488
Hu, C. *see* Zheng, S. 105973
Hu, C.-K., Edelstein, D.C., Uzoh, C., Sullivan, T. Comparison of electromigration in submicron Al(Cu) and Cu thin film lines 115003
Hu, C.-K., Lee, K.Y., Lee, K.L., Cabral, C., Jr., Colgan, E.G., Stanis, C. Electromigration drift velocity in Al-alloy and Cu-alloy lines 63479
Hu, C.-K. *see* Domenicucci, A.G. 114994
Hu, C.-L.J. Ultra-fast learning in a hard-limited neural-network pattern recognizer 66917
Hu, C.-M., Tong, H.-S. Hygroscopic-type anti-glare anti-static coatings for CRTs 83773
Hu, C.C. *see* Lee, M.K. 61174
Hu, E.E. *see* Babic, D.I. 85472
Hu, E.L., Yu, D.G., Chen, C.-H., Keller, B.P., Holmes, A.L., Jr., DenBaars, S.P. Ion damage propagation in dry-etched InP-based structures 94808
Hu, E.L. *see* Anselm, K.A. 64936
Hu, E.L. *see* Babic, D.I. 65226
Hu, E.L. *see* Babic, D.I. 107274
Hu, E.L. *see* Ching-Hui Chen 105380
Hu, E.L. *see* Koester, S.J. 74421
Hu, E.L. *see* Margalit, N.M. 85503
Hu, E.L. *see* Margalit, N.M. 85541
Hu, E.L. *see* Margalit, N.M. 107243
Hu, E.L. *see* Murtaza, S.S. 79432
Hu, E.L. *see* Parikh, P.A. 105944
Hu, E.L. *see* Strand, T.A. 105357
Hu, E.L. *see* Thomas, M. 106691
Hu, E.L. *see* Yen, J.C. 61798
Hu, E.L. *see* Yen, J.C. 115370
Hu, E.Q., Zhang, B.J., Chen, X.Z., Zhou, J.M., Zhou, K.D., Li, L.R. Error estimation and fully automatic adaptive mesh generation for finite element computation of electromagnetic field 96909
Hu, E.Q. *see* Zhang, B.J. 102639
Hu, G.Y. *see* Young Bong Kang 95085
Hu, H.C. *see* Liu, G.Y. 73978
Hu, J., Dawson, D.M. Adaptive control of induction motor systems despite rotor resistance uncertainty 111943
Hu, J., Dawson, D.M., Qu, Z. Robust tracking control of an induction motor 71292
Hu, J., Hajto, J., Snell, A.J., Owen, A.E., Rose, M.J. Capacitance anomaly near the metal-non-metal transition in Cr-hydrogenated amorphous Si-V thin-film devices 94641
Hu, J., Leviner, M.D., Dawson, D.M., Vedagarbha, P. An adaptive tracking controller for multiple-phase permanent-magnet machines 102738
Hu, J., Nakamura, K., Ueha, S. Optimum operation conditions of an ultrasonic motor driving fluid directly 91567
Hu, J., Snell, A.J., Hajto, J., Owen, A.E., Rose, M.J. Critical behavior of the dielectric properties near the metal-non-metal transition in Cr/p$^+$a-Si:H/V thin film devices 94639
Hu, J., Wallensteen, M., Gennser, G. Increased stiffness of the aorta in children and adolescents with insulin-dependent diabetes mellitus 90467
Hu, J. *see* Bridges, M.M. 102732
Hu, J. *see* Vedagarbha, P. 121506
Hu, J. *see* Yamazaki, T. 91566
Hu, J.-H., Wang, Y., Cahill, P. Code-excited linear predictive coding of multispectral MR images 90337
Hu, J.-P., Lin, P. High-coercivity CoPt alloy films grown by sputtering 115491
Hu, J.M. An empirical crack propagation model and its applications for solder joints 82181
Hu, K.X., Huang, Y., Yah, C.P., Wyatt, K.W. Stress analysis of printed circuit boards with highly populated solder joints and components: a micromechanics approach 83595
Hu, K.X., Yeh, C.P., Wu, X.S., Wyatt, K. An interfacial delamination analysis for multi-chip module thin film interconnects 114489
Hu, L., Morrison, R.E., Young, D.J. Comparison of physical modelling and CAD representation of compensated railway systems 71813
Hu, L. *see* Farag, A.S. 102136
Hu, L. C., Lin, K.-J. A simulation study of real-time MPEG traffic using forward error control scheme 87329
Hu, L.Q. *see* Chen, H. 104012
Hu, L.Q. *see* Shi, Y. 83943
Hu, L.Z. *see* Sun, H.B. 65231
Hu, M. *see* Pusl, J.A. 83501
Hu, M. *see* Scarmozzino, R. 88485
Hu, M. *see* Shen, B. 84662
Hu, Q., Panchanathan, S. Spatial scalability in compressed domain 86319
Hu, Q. *see* Cheng, Z. 107773
Hu, Q.J., Klein, S.A. A two-dimensional lookup table to correct the spatial nonlinearity on CRT displays 89364
Hu, Q.J. *see* Klein, S.A. 119799
Hu, Q.Y., Liu, H.K., Dou, S.X. Effect of mechanical deformation on the mass density of Ag-clad $(Bi,Pb)_2Sr_2Ca_2Cu_3O_{10}$ wire and tape 106672
Hu, R. *see* Feng, Z.C. 72779
Hu, R.L.-R., Chang, J., Yong, K. Commercialization of PACS in the south-east Asia 119081
Hu, S.-Q. *see* Crandell, D.A. 100780
Hu, S.B., Liu, B., Lee, C.S. Bit-shift performance investigations at different skew angles and for different media orientations 75222
Hu, S.B. *see* Bo Liu 115790
Hu, S.B. *see* Jian-Ping Wang 115473
Hu, S.B. *see* Liu, B. 64402
Hu, S.B. *see* Liu, B. 115694
Hu, S.F. *see* Chang, L. 72829
Hu, S.Y., Peters, M.G., Young, D.B., Gossard, A.C., Coldren, L.A. Submilliamp-threshold InGaAs/GaAs quantum-well ridge-waveguide lasers with impurity-induced disordering 65266
Hu, S.Z. *see* Chaung, J.M. 61075
Hu, T.C., Morgenthaler, J.D. Optimum alphabetic binary trees 103668
Hu, W., Kreischer, K.E., Manheimer, W., Temkin, R.J., Wang, C.Y. Theoretical studies of high

power millimeter wave quasi-optical gyro-amplifiers 62638
Hu, W., Kreischer, K.E., Shapiro, M., Temkin, R.J. Novel 140 GHz gyro-TWT amplifier 114534
Hu, W. *see* Shapiro, M.A. 114533
Hu, W.C. *see* Pan, J.L. 120334
Hu, W.C. *see* Su, J.L. 120485
Hu, W.S., Liu, Z.G., Lu, Y.-Q., Zhu, S.N., Feng, D. Pulsed-laser deposition and optical properties of completely (001) textured optical waveguiding $LiNbO_3$ films upon SiO_2/Si substrates 95797
Hu, W.S. *see* Guo, X.L. 72943
Hu, W.S. *see* Guo, X.L. 106824
Hu, W.S. *see* Xiong, S.B. 82723
Hu, X., Martin, K.W. A switched-current sample-and-hold circuit 104746
Hu, X. *see* Mizuseki, H. 115835
Hu, X.-W. *see* Zhao, Y.-G. 107323
Hu, X.F. *see* Dadap, J.I. 107584
Hu, X.F. *see* Liu, H. 97287
Hu, X.L. *see* Van Keuls, F.W. 105298
Hu, X.W. *see* Chen, Z.Q. 105184
Hu, Y., Berst, J.D., Dulinski, W. Design of a low noise, low power consumption CMOS preamplifier shaper for readout of microstrip detectors in the DMILL radiation hardened process and irradiation measurements 120226
Hu, Y., Chen, S. Interrogation of wavelength coded phase signals in digital spatial domain for optical fibre sensing applications 100058
Hu, Y. *see* Bauer, R. 100920
Hu, Y. *see* Comes, G. 110613
Hu, Y.F., Sheriff, R.E. Asia, the dominant future market for mobile-satellite communications 119110
Hu, Y.F. *see* Sheriff, R.E. 119116
Hu, Y.F. *see* Zhang, L.S. 119106
Hu, Y.H. *see* Yeo, H. 108608
Hu, Y.L., Zhang, Z.Y., Grattan, K.T.V., Palmer, A.W., Meggitt, B.T. Design aspects of a ruby-based fiber optic thermometer probe for use in the cryogenic region (>77 K) 79516
Hu, Y.M. *see* Du, Y.C. 94737
Hu, Y.M. *see* Huang, J.C.A. 75198
Hu, Y.Z., Diehl, D.J., Zhao, C.Y., Wang, C.L., Liu, Q., Irene, E.A., Christensen, K.N., Venable, D., Maher, D.M. Real time investigation of nucleation and growth of silicon on silicon dioxide using silane and disilane in a rapid thermal processing system 61379
Hu, Y.Z., Zhao, C.Y., Basa, C., Gao, W.X., Irene, E.A. Effects of hydrogen surface pretreatment of silicon dioxide on the nucleation and surface roughness of polycrystalline silicon films prepared by rapid thermal chemical vapor deposition 82752
Hu, Y.Z. *see* Giessen, H. 65495
Hu, Y.Z. *see* Giessen, H. 94524
Hu, Y.Z. *see* Giessen, H. 96294
Hu, Y.Z. *see* Guerreiro, P.T. 65237
Hu, Y.Z. *see* Guerreiro, P.T. 94562
Hu, Y.Z. *see* Wang, Y. 84154
Hu, Z., King, G.A., Adamopoulos, P.G., Al-Dabass, D. A systolic structure for median filters 93469
Hu, Z., Yelon, W.B., James, W.J. Neutron diffraction studies of $Nd_nFe_{m-x-y}V_xAl_y$ [(n,m)=(1,12), (2,17), (3,29)] 75134
Hu, Z., Yelon, W.B., Marasinghe, G.K., James, W.J. Aluminum site occupation in $Y_2Fe_{14-x}Al_xB$ 115510
Hu, Z., Yelon, W.B., Zhang, X., James, W.J. Neutron diffraction and magnetic studies of $RFe_{12-x}T_xC_y$ (R=Y,Er; T=V,Ti,Mo) alloys 64318
Hu, Z. *see* Chen, H. 114600
Hu, Z. *see* Leung, H. 101654
Hu, Z. *see* Leung, H. 109703
Hu, Z. *see* Luo, H. 75135
Hu, Z. *see* Luo, H. 115511
Hu, Z. *see* Marasinghe, G.K. 64214
Hu, Z. *see* Yelon, W.B. 75101
Hu, Z. *see* Yelon, W.B. 115543
Hu, Z. *see* Yelon, W.B. 115547
Hu, Z.R., Fusco, V.F., Wu, Y., Gamble, H.G., Armstrong, B.M., Stewart, J.A.C. Contact effects on HF loss of CPW high resistivity silicon lines 83297
Hu, Z.R. *see* Fusco, V.F. 93934
Hu Ben Yu-Kuang *see* Ben Yu-Kuang Hu
Hu Bo *see* Zhang Liang 119314
Hu Bo *see* Bo Hu
Hu Bo-Ping *see* Bo-Ping Hu
Hu Chaocun *see* Chen Lingyan 120193
Hu Chen-Ti *see* Chen-Ti Hu
Hu Cheng Chong *see* Chong Hu Cheng
Hu Cheng-Chung *see* Cheng-Chung Hu
Hu Chenglie *see* Chenglie Hu
Hu Chengquan *see* Zhou Chunguang 92516
Hu Chengyi *see* Chengyi Hu
Hu Chengyu *see* Bao Minhang 84181
Hu Chenming *see* Chenming Hu
Hu Chih-Yuan *see* Chih-Yuan Hu
Hu Chun *see* Chun Hu
Hu Chun-Min *see* Chun-Min Hu
Hu Da Zhang *see* Da Zhang Hu
Hu En Qiu *see* En Qiu Hu
Hu Fengyao *see* Liu Zejian 61719
Hu Genda *see* Genda Hu
Hu Gongzhu *see* Gongzhu Hu
Hu Guangshu *see* Liao Wangcai 110841
Hu Guoji *see* Guoji Hu
Hu Hangxiang *see* Hangxiang Hu
Hu Hongzhang, Zhan Yangqin, Zhao Ci, Cheng Gang Variation of the effective refractive index profile in Ti:$LiNbO_3$ strip waveguide with diffusion parameters 95739
Hu Hongzhang *see* He Xihong 64742
Hu Hui *see* Hui Hu
Hu Hwai-Tsu *see* Hwai-Tsu Hu
Hu Jiachun, Xu Heping Zero dynamic linear multivariable excitation controller 111890
Hu Jian Dong *see* Li Xing Ming 118816
Hu Jianan, Qin Yi, Shen Chengliang Design and manufacturing of the electric resistance type of strain sensor 79348
Hu Jiandong *see* Hu Saigui 109331
Hu Jiandong *see* Jin Hao 118519
Hu Jiandong *see* Li Xingming 108797
Hu Jiandong *see* Zheng Zhaohui 117067
Hu Jianjun *see* Yuan Bin 80792
Hu Jianying *see* Jianying Hu
Hu Jiasheng *see* Jiasheng Hu
Hu Jiayuan *see* Wang Lifu 66169
Hu Jifan *see* Jifan Hu
Hu Jin-Lin *see* Jin-Lin Hu
Hu Jinfei *see* Chen Haijuan 116405
Hu Jinquan *see* Zhou Wenzhen 107033
Hu Jun *see* Jun Hu
Hu Kaisheng *see* Kaisheng Hu
Hu Kesong *see* Xu Zhou 116573
Hu Li-Zhong *see* Sun Hong-Bo 107261
Hu Lihua *see* Lihua Hu
Hu Linxian, Chen Xueyun Direct transient stability analysis of AC/DC power system with Taylor series method 91043
Hu Linxian, Chen Xueyun AC/DC system transient stability analysis 111525
Hu Linxian, Guo Zhizhong, Chen Xueyan Fast transient stability calculation of AC/DC system 80798
Hu Linzhi *see* Linzhi Hu
Hu Liqun *see* Liqun Hu
Hu Lizhong *see* Sun Hongo 65263
Hu Lon-Rong *see* Lon-Rong Hu
Hu Minghua, Xu Xiaohao Optimal flow control problem in air traffic control. I 101492
Hu Minghua *see* Xu Xiaohao 101485
Hu Mingqiang *see* Lin Heyun 96932
Hu Minqiang, Huang Xueliang, Du Yansen A new algorithm to speed up the convergence of non-linear electromagnetic fields 96950
Hu Minqiang *see* Du Yansen 71243
Hu Mou *see* Mou Hu
Hu Neng-Chung *see* Neng-Chung Hu
Hu Nengzheng *see* Zhou Qinhui 80870
Hu Ping *see* Cheng Muhua 70239
Hu Po-Chi *see* Po-Chi Hu
Hu Qi-Ya Extrapolation for collocation solutions of Volterra integro-differential equations 103790
Hu Qifan *see* Cui Xiang 102806
Hu Qing *see* Qing Hu
Hu Qingmin *see* Qingmin Hu
Hu Rujun *see* Wu Jishun 91042
Hu Saigui, Zou Yong, Hu Jiandong, Bao Liu A synchronous CDMA system using discrete coupled-chaotic sequence 109331
Hu Saigui *see* Zheng Zhaohui 117067
Hu Shaogang Application of integrated substation automation in Anshan Electric Power Bureau 81645
Hu Sheng-Bin *see* Sheng-Bin Hu
Hu Shenzong *see* Ding Bainan 76061
Hu Shiming *see* Shiming Hu
Hu Shizheng, Shen Xingzhong An infrared diagnostics example of internal moistened arrester 121241
Hu Shizheng *see* Shen Xingzhong 81373
Hu Shze-Jer *see* Shze-Jer Hu
Hu Suxing, Fu Ensheng New performance of far infrared waveguide free electron laser driven by RF linac 65373
Hu Suxing, Fu Ensheng Possible generation of the ultrashort optical pulse in far-infrared free electron laser 76044
Hu Tran Lan *see* Lan Hu Tran
Hu Wanping *see* Wanping Hu
Hu Wei *see* Liu Dongfeng 75832
Hu Weidong *see* Yu Wenxian 99661
Hu Wentao *see* Li Chuandong 75870
Hu Xiao *see* Zhang, J.Q. 117414
Hu Xiao *see* Xiao Hu
Hu Xiaobo Sharon *see* Xiaobo Sharon Hu
Hu Xiaofeng *see* Zhang Maojun 98103
Hu Xiaoping *see* Xiaoping Hu
Hu Xinlin *see* Yao Fuqiang 107930
Hu Xiying *see* Xiying Hu
Hu Xuemin, Yang Lei, Yu Xinhua, Yang Ying Design of an automatic cost calculating system of a NEAXZ2400SDS private automatic branch exchange 99005
Hu Yi *see* Yi Hu
Hu Yi-Kwang *see* Yi-Kwang Hu
Hu Yihuai *see* Yang Shuzi 110020
Hu Yong *see* Yong Hu
Hu Yongmin *see* Yongmin Hu
Hu Youlin *see* Youlin Hu
Hu Yu *see* Liu Hua 78658
Hu Yu Hen *see* Yu Hen Hu
Hu Yuan *see* Yuan Hu
Hu Yuda, Meng Zhiqing Some efficiency sufficient conditions for major-efficient solutions and weakly major-efficient solutions of multiobjective programming 72518
Hu Yuhong *see* Yuhong Hu
Hu Zejun, Hsu Wenjing, Lau Chiewtong A multi-hop lightwave network based on star graphs 78952
Hu Zhanyi *see* Zhanyi Hu
Hu Zhaohui, Jiang Wenhan Optimizing the matching problem of wavefront sensor and wavefront corrector 119635
Hu Zhaoyi *see* Wang Guangsheng 71320
Hu Zhengming *see* Wang Duanyi 117231
Hu Zhihong *see* Shi Wen 121661
Hu Zhiyun *see* Liu Jinru 116344
Hu-Jong Lee *see* Jinhee Kim 84893
Hua, B. *see* Ahn, T.W. 114141
Hua, C. *see* Raicu, D. 62336
Hua, C.G. *see* Kozlov, V. 63061
Hua, G. *see* Watson, R. 61616
Hua, G.C. *see* Chu, C.C. 96240
Hua, G.C. *see* Gunshor, R.L. 75942
Hua, H. *see* Zhang, L. 78660
Hua, L., Bishop, J.E.L., Tucker, J.W. Micromagnetic simulation of domain walls in iron films 106512
Hua, T.H. *see* Ogawa, Y. 63274
Hua, Y. *see* Hua Yang, H. 66719
Hua, Y. *see* Qiu, W. 86184
Hua Cao Jun *see* Cao Jun Hua
Hua Chang The scan sequence of image compression and its optimization 117790
Hua Chen, Wolff, L.B. A polarization phase-based method for material classification and object recognition in computer vision 77348
Hua Chen, Wolff, L.B. Polarization phase-based method for material classification and object recognition in computer vision 86375
Hua Chen *see* Billinton, R. 102531
Hua Chen *see* Qun Chen 120483
Hua Chi *see* Afsar, M.N. 69484
Hua Chi *see* Afsar, M.N. 74061
Hua Chun Miao *see* Miao Hua Chun
Hua Fang, Bing-Zong Li, Wei-Feng Yu, Wei-Ning Huang, Kai Shao, Wei-Jun Wu, Zhi-Guang Gu, Guo-Bao Jiang Study on solid state reaction of TiN/Co/Ti multi-layer with amorphous silicon 84212
Hua Fang *see* Bing-Zong Li 84209
Hua Gao *see* Hongching Shan 63334
Hua Guan *see* Guan Hua
Hua Guichao *see* Guichao Hua
Hua Han De *see* De Hua Han
Hua Hong *see* Hong Hua
Hua Hsing-Kuo *see* Hsing-Kuo Hua
Hua Huang *see* Huang Hua
Hua Huang Xiao *see* Xiao Hua Huang
Hua Hui, Qian Xing, Qian Tao, Jiang Dongxing, Tan Jilian, Zhang Jinxia, Li Huiling, Jin Genming A ring-parallel plate avalanche detector used for identification of the projectile-like [fragments] and evaporation-residues 69820
Hua Ji *see* Ji Hua
Hua Jiadong *see* Sang Wenbin 105169
Hua Jiang, Rappaport, S.S. Hybrid channel borrowing and directed retry in highway cellular communications 109517
Hua Jiang, Sano, M., Sekine, M. Radar reflectivity and rainfall rate relation from Weibull raindrop-size distribution 90792
Hua Jianmin *see* Jianmin Hua
Hua Jilong *see* Jilong Hua
Hua Kun Liu *see* Van Vo, N. 84926
Hua Lin, Mi Lu, Fang, J.Z. A direct approach for finding loop transformation matrices 72626
Hua Ling *see* Yang Zongquan 95444
Hua Liu *see* Liu Hua
Hua Mu-Yi *see* Mu-Yi Hua
Hua Nan, Zemin Liu A neural network controlled ATM switch 108786
Hua Nan, Zemin Liu Study on neural network-controlled ATM switching network with input-output-queueing 118013
Hua Qin *see* Kunji Chen 94284
Hua Qin *see* Xinfan Huang 62883
Hua Quen Tserng *see* Yarborough, R. 83422
Hua Su, Nelder, J.A., Wolbert, P., Spence, R. Application of generalized linear models to the design improvement of an engineering artefact 60546
Hua Su *see* Michael, C. 63953
Hua Su *see* Ruowen Rong 107804
Hua Tiejun *see* Wang Jun 77115
Hua Wang *see* Wang Hua
Hua Wang Zi *see* Zi Hua Wang
Hua Wei, Sasaki, H., Kubokawa, J. Interior point method for hydro-thermal optimal power flow 80758
Hua Wu Jian *see* Jian Hua Wu
Hua Xia *see* Xia Hua
Hua Xiaobo *see* Xiaobo Hua
Hua Xie *see* Xie Hua
Hua Xu, Wu-Sheng Lu, Antoniou, A. Improved iterative methods for the design of quadrature mirror-image filter banks 62041
Hua Xu, Wu-Sheng Lu, Antoniou, A. Efficient iterative design method for cosine-modulated QMF banks 77033
Hua Xu *see* Xu Hua
Hua Yang *see* Baqai, F.A. 86215
Hua Yang, H., Hua, Y. On rank of block Hankel matrix for 2-D frequency detection and estimation 66719

Hua Ye *see* Ye Hua
Hua Yingbo *see* Yingbo Hua
Hua Yu, Qian Chen, Gang Xu, Yachida, M. Recovering 3-D shape and motion from image sequences under perspective projection by SVD 86824
Hua Zhang *see* Zhang Hua
Hua Zhao, Schmidt, R., Escoubet, C.P., Torkar, K., Riedler, W. Self-consistent determination of the electrostatic potential barrier due to the photoelectron sheath near a spacecraft 111027
Hua Zong *see* Zong Hua
Hua-Ching Tong *see* Jian-Gang Zhu 75252
Hua-Ching Tong *see* Liu, F.H. 75254
Hua-Ching Tong *see* Liu, F.H. 115663
Hua-Ching Tong *see* Minshen Tan 64376
Hua-Ching Tong *see* Ravipati, D. 64261
Hua-Ching Tong *see* Yansheng Luo 64429
Hua-Ching Tong *see* Yuan, S.W. 115724
Hua-Chou Tseng *see* Hsiao-Yi Lin 115212
Hua-Fang Wei, Chung, J.E., Annamalai, N.K. Buried-oxide charge trapping induced performance degradation in fully-depleted ultra-thin SOI p-MOSFET's 94951
Hua-Fang Zhang *see* Zhang Hua-Fang
Hua-Ming Chen, Kin-Lu Wong A study of the transverse current contribution to the characteristics of a wide cylindrical microstrip line 73619
Hua-Ming Wang *see* Desiraju, R. 102680
Hua-Sou Tong, Chun-Min Hu A review of the current status of CRT technologies 79629
Hua-Xiang Wang *see* Wang Hua-Xiang
Huabei Jiang, Paulsen, K.D., Osterberg, U.L. Optical image reconstruction using DC data: simulations and experiments 101206
Huabei Jiang *see* Paulsen, K.D. 101084
Huabing Wang *see* Kexi Xu 89100
Huabing Wang *see* Yan Gao 73698
Huacen Wang *see* Wang Huacen
Huafeng Zhao *see* Xiaodan Jin 79495
Huafeng Zhao *see* Yanbiao Liao 79478
Huag, T.C. *see* Tan, R.T. 68516
Huai, Y. *see* Spallas, J.P. 119658
Huai Huaying *see* Huaying Huai
Huai-Jiang Yang *see* Zhao-Heng Weng 95884
Huai-wu Zhang *see* Zhang Huai-wu
Huaichun Zhou *see* Zhou Huaichun
Huaifang Xu *see* Xu Huaifang
Huaiguo Xue *see* Shaolin Mu 110231
Huaihong Lei *see* Lei Huaihong
HuaiJian Ma, Xu Lei, Jun Tang A study of color measuring method based on numerical correction 100356
Huaijiang Yang *see* Yang Huaijiang
Huaijin Chen *see* Chen Huaijin
Huaipu Fei *see* Fei Huaipu
Huaiqing Wang, Chen Wang APACS: a multi-agent system with repository support 121289
Huaitao Zhang *see* Zhang Huaitao
Huaiwu Zhang *see* Zhang Huaiwu
Huajie He *see* He Huajie
Huajun Shi *see* Shi Huajun
Huamao Liu Process updatable layout design in GDT 84556
Huamin Jia, Xiaomu Dou, Jianping Yuan DGPS-based aircraft flight guidance/test system 90700
Huan, G.W. *see* Chang, T.C. 61190
Huan, W. *see* Yongkang, J. 79216
Huan Shunji *see* Shunji Huan
Huan Yue *see* Kwon, H.M. 78360
Huan Zhou *see* Fuhrmann, M. 101572
Huan-Bang Li, Wakana, H., Ikegami, T. Performance of a multiple block coded modulation scheme 66264
Huan-Chang Liu, Min, J.S., Samueli, H. A low-power baseband receiver IC for frequency-hopped spread spectrum communications 68139
Huan-Chun Yen *see* Siddiqui, M.K. 83503
Huan-Ping Su *see* Ping-Wei Wang 84031
Huan-Shang Tsai *see* Alexanian, A. 93790
Huanchen Wang *see* Wang Huanchen
Huanchu Chen *see* Liangmin Zhang 107572
Huanchu Chen *see* Chen Huanchu
Huang, A.Q. Analysis of the inductive turn-off of double gate MOS controlled thyristors 63651
Huang, A.Q. Lateral insulated gate p-i-n transistor (LIGPT)–a new MOS gate lateral power device 63750
Huang, B.J., Chuang, M.D. System design of orifice pulse-tube refrigerator using linear flow network analysis 122094
Huang, B.L. *see* Cai, G.G. 101453
Huang, C., Yang, Y.H. LINDECIRSIM–integrated device and circuit simulation study 83527
Huang, C., Yang, Y.H., Lee, G.H., Feng, G.C., Chi, T.J. Device physics studies of large signal transient performance and large signal power amplification performance of 0.1 micron channel length thin film SOI/CMOS IC and 0.1 micron basewidth HBT MMIC's 84554
Huang, C. *see* Donnelly, K. 74851
Huang, C. *see* Mundy, J.L. 77170
Huang, C. *see* Peng, N.C. 94606
Huang, C. *see* Tahui Wang 94969
Huang, C. *see* Yeh, C.S. 106050
Huang, C.-C., Zheng, Y.F. Integration of vision and laser displacement sensor for efficient and precise digitizing 67404
Huang, C.-F. *see* Chen, W.-T. 78286
Huang, C.-K., Ratnakumar, B.V., Surampudi, S., Halpert, G. Development of ambient temperature lithium-ion cells 81691
Huang, C.-L. *see* Yang, P.-C. 101994
Huang, C.-M., Hsu, J.-M., Lee, S.-W. Probabilistic fuzzy timed protocol verification 98447
Huang, C.-M., Lee, R.-Y. Achieving multimedia synchronization between live video and live audio streams using QoS controls 98840
Huang, C.-M., Lee, R.-Y. A multimedia synchronization protocol for live presentations 98878
Huang, C.-M., Lee, R.-Y. Quantification of quality-of-presentations (QOPs) for multimedia synchronization schemes 109223
Huang, C.-M. *see* Lu, S.-C. 74007
Huang, C.-Y., Srihari, K., McLenaghan, A.J., Westby, G.R. The solderability evaluation of surface mount components through the use of wetting balance analysis 62478
Huang, C.-Y., Srihari, K., McLenaghan, A.J., Westby, G.R. The wetting balance in the solderability evaluation of surface mount components 104958
Huang, C.-Y., Wong, K.-L. Curvature effect on the input impedance of circular microstrip patch antennas 97350
Huang, C.-Y. *see* Fuh, A.Y.-G. 116769
Huang, C.H. *see* Wang, K.Z. 95963
Huang, C.H. *see* Weaver, M.S. 75753
Huang, C.I., Liou, L., Barrette, J.P. Thermal shunt approach for microwave power heterojunction bipolar transistors–a review (invited) 93848
Huang, C.I. *see* Kager, A. 84338
Huang, C.I. *see* Liou, J.J. 84336
Huang, C.I. *see* Sheu, S. 63633
Huang, C.I. *see* Sheu, S. 94945
Huang, C.I. *see* Sheu, S. 105924
Huang, C.L. *see* Chang, W.C. 110793
Huang, C.L. *see* Huang, S.J. 120972
Huang, C.P. *see* Peatross, J. 96230
Huang, C.W. *see* Chen, C.S. 91070
Huang, C.Y. *see* Burke, W.J. 111023
Huang, C.Y. *see* Chang, J.Y. 116699
Huang, C.Y. *see* Chern, M.Y. 95362
Huang, D., Yamamoto, Y. Si dimer chain on Si(100)-2×1:H surface fabricated by scanning tunneling microscope 83819
Huang, D.-H. *see* Nakayama, T. 115097
Huang, D.-L. *see* Chen, L.-G. 98180
Huang, D.M. *see* Xun Wang 63301
Huang, D.R. *see* Chang, S.P. 75235
Huang, D.R. *see* Yao, Y.D. 65682
Huang, D.R. *see* Yao, Y.D. 95393
Huang, D.R. *see* Ying, T.F. 71373
Huang, E. *see* Makino, T. 85496
Huang, F. *see* Lancaster, M.J. 93696
Huang, F.Y., Wang, K.L. Normal-incidence epitaxial SiGeC photodetector near 1.3 μm wavelength grown on Si substrate 119680
Huang, G. *see* Chen, J. 89940
Huang, G. *see* Wang, Y. 107645
Huang, G. *see* Woodward, S.L. 99575
Huang, H., Ahrens, L., Alessi, J.G., Beddo, M., Brown, K.A., Bunce, G., Caussyn, D.D., Grosnick, D., Kponou, A.E., Lee, S.Y., Li, D., Lopiano, D., Luccio, A.U., Makdisi, Y.I., Ratner, L., Reece, K., Roser, T., Spinka, H., Ufimtsev, A.G., Underwood, D.G., van Asselt, W., Williams, N.W., Yokosawa, A. Partial Siberian snake experiment at the AGS 119985
Huang, H. *see* Brill, D. 97063
Huang, H. *see* Brown, K.A. 90007
Huang, H. *see* Gaunaurd, G.C. 88730
Huang, H. *see* Koka, R. 115687
Huang, H. *see* Roawen Chen 94745
Huang, H. *see* Sharaf, A.M. 80954
Huang, H. *see* Strasberg, M. 70505
Huang, H. *see* Yatagai, T. 75629
Huang, H.-C., Jeng, J.D., Lee, R.S. Thermal analysis of electronic components by an easy and effective way 103463
Huang, H.-C. *see* Lin, Y.-S. 99001
Huang, H.-C. *see* Wu, C.-H. 98563
Huang, H.-L., Purser, R.J. Objective measures of the information density of satellite data 117117
Huang, H.B., Farhang-Boroujeny, B., Tan, B.T. Double-through equalization technique an efficient strategy for processing of teletext signals 77919
Huang, H.C., Schwartz, S.C., Verdu, S. Combined multipath and spatial resolution for multiuser detection: potentials and problems 68125
Huang, H.C. *see* Lo, T.C. 84567
Huang, H.C. *see* Sun, X.W. 61370
Huang, H.C. *see* Yann-Jong Hwang 60704
Huang, H.K. Teleradiology technologies and some service models 110783
Huang, H.K., Arenson, R.L., Wong, A.W.K., Bazzill, T., Lou, A.S.L., Andriole, K., Jun Wang, Jianguo Zhang, Wong, S. Current status of the UCSF second generation PACS 111013
Huang, H.K. *see* Jianguo Zhang 110722
Huang, H.K. *see* Lee, J.K. 111005
Huang, H.K. *see* Pietka, E. 90397
Huang, H.K. *see* Wong, A.W.K. 108469
Huang, H.K. *see* Wong, S.T.C. 80535
Huang, H.K.B. *see* Andriole, K.P. 110721
Huang, H.K.B. *see* Andriole, K.P. 111012
Huang, H.K.B. *see* Bazzill, T.M. 110724
Huang, H.L. *see* Sobolev, V.L. 106486
Huang, H.M. *see* Yavuz Oruc, A. 98397
Huang, J., Gutta, S., Wechsler, H. Detection of human faces using decision trees 117901
Huang, J., Wu, K. Modeling and analysis of guided-wave structures involving both bi-isotropic and bi-anisotropic media 97243
Huang, J. *see* Densmore, A.C. 88174
Huang, J. *see* Lyle, R. 116921
Huang, J. *see* Phillips, P.J. 86338
Huang, J. *see* Phillips, P.J. 117633
Huang, J. *see* Reddy, S. 113855
Huang, J. *see* Scarmozzino, R. 88485
Huang, J. *see* Sicard, E. 84584
Huang, J. *see* Vahldieck, R. 116951
Huang, J. *see* Yun, Z.Q. 101387
Huang, J. *see* Yun, Z.Q. 107752
Huang, J.-H. *see* Glass, E. 83459
Huang, J.-H. *see* Martinez, M.J. 83374
Huang, J.-H. *see* Shyu, H.-M. 98785
Huang, J.-J. *see* Cheng, K.-S. 110848
Huang, J.-R., Ford, H.D., Tatam, R.P. Phase-stepped speckle shearing interferometer by source wavelength modulation 119907
Huang, J.-S. *see* Wu, C.-H. 98563
Huang, J.-W. *see* Glass, E. 93789
Huang, J.C.A., Lee, Y.H., Hu, Y.M., Chang, T.C. Studies of anisotropic and giant magnetoresistance in Co/Cu(111) epitaxial multilayers 75198
Huang, J.C.A. *see* Liou, Y. 75200
Huang, J.C.A. *see* Yao, Y.D. 113378
Huang, J.H. Micromechanics determinations of thermoelectroelastic fields and effective thermoelectroelastic moduli of piezoelectric composites 106350
Huang, J.R. *see* Wang, D.J. 94168
Huang, J.T., Guo, W.H., Hwang, J., Chang, H. Reliability of Hall effect measurements on chemical vapor deposited polycrystalline B-doped diamond films 74111
Huang, J.W. *see* Kuech, T.F. 82648
Huang, J.Y. *see* Liao, C.L. 76223
Huang, J.Y. *see* Yoon, M. 79864
Huang, K. The design principle of an application specific video amplifier 82962
Huang, K. *see* Wang, J. 101196
Huang, K.-C., Hang, H.-M. A near-optimal post-processing scheme for transform-coded images 98179
Huang, L., Tadokoro, Y., Tsukakoshi, M., Matsuse, K. Deadbeat flux level control of direct-field-oriented induction motor 81442
Huang, L. *see* So, B.K.L. 84129
Huang, L.J. *see* Xia, H. 114705
Huang, M. *see* Boswell, E.C. 73928
Huang, M. *see* Boswell, E.C. 73987
Huang, M. *see* Boswell, E.C. 83694
Huang, M. *see* Boswell, E.C. 83696
Huang, M.-F. *see* Kuo, Y.-K. 75885
Huang, M.A. *see* Bird, D.J. 110586
Huang, M.J., Yeh, S.L., Lee, C.K., Huang, T.K. Large format grating image hologram based on e-beam lithography 96756
Huang, M.Q. *see* Lai, P.T. 63136
Huang, N., Jin, L., Wang, D., Wang, L., Xiao, A., Xu, G. Lattice design of Beijing Light Source 89989
Huang, N., Jin, L., Wang, D., Wu, Y., Xu, G. A preliminary lattice design of a tau-charm factory storage ring in Beijing 79972
Huang, P.-C. *see* Jang, Y.-F. 61927
Huang, P.M. *see* Jandzinski, D.A. 73681
Huang, Q. *see* Feng, W. 65505
Huang, Q. *see* Gilbert, J.A. 65544
Huang, Q. *see* Hodge, J.D. 70994
Huang, Q. *see* Kellerman, D. 82219
Huang, Q. *see* Kuratli, C. 63988
Huang, Q.S. *see* Hohkawa, K. 106455
Huang, R., Wey, C.-L. A 5 mW, 12-b, 50 ns/b switched-current cyclic A/D converter 104642
Huang, R. *see* El-Diwany, M. 63967
Huang, R. *see* Ma, J. 118563
Huang, R.S., Kuo, C.J., Ling-Ling Tsai, Chen, O.T.C. EEG pattern recognition–arousal states detection and classification 110839
Huang, R.T. *see* Wang, K.C. 61970
Huang, S., Kortanek, K.O. On the length of primal-dual projection of potential reduction algorithm 82442
Huang, S., Ming, Z.H., Soo, Y.L., Kao, Y.H., Tanaka, M., Minekata, H. X-ray scattering and absorption studies of MnAs thin films grown by MBE on GaAs (001) substrates 113346
Huang, S. *see* Jin, C. 74246
Huang, S. *see* Zhao, J. 74247
Huang, S.-C. *see* Austin, E.M. 104188
Huang, S.-C. *see* Chinn, G. 101169
Huang, S.-C. *see* Chinn, G. 101180
Huang, S.-C. *see* Lee, J.-H. 66750
Huang, S.-J., Lian, R.-J. A combination of fuzzy logic and neural network algorithms for active vibration control 112002
Huang, S.C. *see* Yang, J. 90440
Huang, S.C. *see* Yang, J. 101320
Huang, S.H., Zou, X.Y., Hwang, S.-M., Willner, A.E., Bao, Z., Smith, D.A. Experimental demonstration of dynamic equalization of three 2.5-Gbit/s WDM channels over 1000 km using acousto-optic tunable filters 75624
Huang, S.H., Zou, X.Y., Hwang, S.-M., Willner, A.E., Bao, Z., Smith, D.A. Experimental demonstration of dynamic network equalization of three

2.5-Gb/s WDM channels over 1000 km using acoustooptic tunable filters 99573
Huang, S.H., Zou, X.Y., Willner, A.E., Bao, Z., Smith, D.A. Experimental demonstration of active equalization and ASE suppression of three 2.5-Gbit/s WDM-network channels over 2500 km using AOTF as transmission filters 119236
Huang, S.H. *see* Heston, M.L. 88510
Huang, S.H. *see* Shieh, W. 78780
Huang, S.H. *see* Smith, D.A. 78885
Huang, S.J., Huang, C.L., Hsieh, C.T. Application of Gabor transform technique to supervise power system transient harmonics 120972
Huang, S.L., Lee, K.C., Tsai, P.J., Lin, J.Y., Chen, W.J., Lin, J.S. Experimental study of a coplanar strip-line based high-speed device interconnect 95987
Huang, S.R., Hwang, C.C., Bor, S.S., Lin, Y.W. Pollutants emission evaluation by Monte Carlo simulation 71030
Huang, S.R., Lin, Y.W. Applications of cluster analysis in Monte Carlo production simulation 70801
Huang, S.R., Lin, Y.W. Effectiveness of optimum stratified sampling in Monte Carlo chronological CO_2 emission pollutants of generation system modeling 71120
Huang, S.Y. Accurate thermal impedance measurement for semiconductor lasers by the double modes of fiber grating lasers 116523
Huang, S.Y. *see* LeBlanc, M. 110192
Huang, T., Jun Yuan Performance analysis of the gateway interconnecting LANs with ISDN 118451
Huang, T. *see* Ahuja, N. 67475
Huang, T. *see* Nikolora, E. 110018
Huang, T.C., El-Sharkawi, M.A. High performance speed and position tracking of induction motors using multi-layer fuzzy control 81451
Huang, T.F. *see* Yeo, J.S. 92695
Huang, T.K. *see* Huang, M.J. 96756
Huang, T.M. *see* Chen, Y.F. 96170
Huang, T.M. *see* Chen, Y.F. 107210
Huang, T.M. *see* Chen, Y.F. 116454
Huang, T.Q. *see* Zomorrodian, A.R. 106398
Huang, T.S., Lopez, R. Computer vision in next generation image and video coding 86635
Huang, T.S. *see* Colmenarez, A.J. 117904
Huang, T.S. *see* Gharavi-Alkhansari, M. 86549
Huang, T.S. *see* Holt, R.J. 77264
Huang, T.S. *see* Jiebo Luo 108498
Huang, T.S. *see* Li-an Tang 97967
Huang, T.S. *see* Lopez, R. 86930
Huang, T.S. *see* Qian, R.J. 77178
Huang, T.S. *see* Qian, R.J. 77409
Huang, T.S. *see* Qian, R.J. 86499
Huang, T.W. *see* Aust, M.V. 83435
Huang, T.Y. *see* Lin, H.C. 105663
Huang, V. *see* Chen, Z. 98955
Huang, V.S.K. *see* Paul, K. 105994
Huang, W., MacLaren, J.M., Victoria, R.H. First principles calculations of the Kerr effect in MnBi, MnSb, and Mn_2BiSb 75120
Huang, W., Nakagawa, M. Channel coding with MPSK/orthogonal multi-carrier transmission 117169
Huang, W. *see* Jain, F. 65284
Huang, W. *see* MacLaren, J.M. 75119
Huang, W. *see* Syms, R.R.A. 75565
Huang, W.-P. *see* Sarangan, A.M. 96375
Huang, W.-P. *see* Sarangan, A.M. 107315
Huang, W.-S., Lee, K.Y., Chen, R.K.-J., Schepis, D. A negative tone resist system using vinyl cyclic acetal crosslinker 105784
Huang, W.F. *see* Benaissa, K. 75563
Huang, W.J. *see* Meen, T.H. 75314
Huang, W.K., Chen, X.T., Lombardi, F. On the diagnosis of programmable interconnect systems: Theory and application 104476
Huang, W.K., Lombardi, F. An approach for testing programmable/configurable field programmable gate arrays 104498
Huang, W.M., Ngo, D., Babcock, J., Shin, H.C., Welch, P., Racanelli, M., Foerstner, J., Ford, J., Cheng, S. TFSOI complementary BiCMOS technology for low power RF mixed-mode applications 106248
Huang, W.N. *see* Qi, W.J. 82668
Huang, W.P. *see* Chen, K.S. 70462
Huang, W.P. *see* Chen, K.S. 90841
Huang, W.P. *see* Guo, Q. 85235
Huang, W.P. *see* Li, G.P. 96427
Huang, W.P. *see* Ma, F. 65925
Huang, X., Jaque, D., Vereda, F., Fonrobert, B., Chandler, P.J., Townsend, P.D. Optical effects caused by high laser powers in ion-implanted $Bi_4Ge_3O_{12}$ waveguides 95712
Huang, X., Ngo, K.D.T. Design technique for a spiral planar winding with geometric radii 62391
Huang, X. *see* Deis, G. 106719
Huang, X. *see* Jiang, M. 89418
Huang, X. *see* Shao, X. 89419
Huang, X.-L. *see* Zhao, Y.-G. 107323
Huang, X.D. *see* Chen, H. 82610
Huang, X.D. *see* Chen, H. 104012
Huang, X.F. *see* Du, J.F. 95895
Huang, X.G., Lee, W.K., Liu, D., Yu, Z.X. Laser crystallization of a-Si:H/a-SiN_x:H multilayers 107656
Huang, X.L. *see* Shen, S.C. 69290
Huang, X.R., Cheung, S.K., Cartwright, A.N., Smirl, A.L., Tseng, W.F. An interdigitated stacked p-i-n multiple-quantum-well modulator 95828
Huang, X.R. *see* McCallum, D.S. 62858
Huang, X.T., Liang-Yuh Chen, MacDonald, N.C. A low temperature process for very high aspect ratio silicon microstructures using SOG etch mask 74605
Huang, X.T., Saif, M.T., MacDonald, N.C. A micromotion amplifier 74961
Huang, Y., Iwamoto, S. On detection of possible voltage collapse buses in stressed power systems based on information of multiple solutions in load flow calculations 90926
Huang, Y., Jenq, Y.-C. A fast algorithm for adaptive notch filtering 97683
Huang, Y., McKinley, P.K. Efficient collective operations with ATM network interface support 98790
Huang, Y., Williams, C.C., Wendman, M.A. Quantitative two-dimensional dopant profiling of abrupt dopant profiles by cross-sectional scanning capacitance microscopy 83807
Huang, Y., Yamada, H., Okuda, T., Torikai, T., Uji, T. External optical feedback resistant characteristics in partially corrugated-waveguide laser diodes 65341
Huang, Y., Yamada, H., Okuda, T., Torikai, T., Uji, T. External optical feedback resistant characteristics in partially-corrugated-waveguide laser diodes 65365
Huang, Y. *see* Duesing, E. 108953
Huang, Y. *see* Hong, W. 68562
Huang, Y. *see* Hu, K.X. 83595
Huang, Y. *see* Kurano, M. 103573
Huang, Y. *see* Ophir, J. 90290
Huang, Y. *see* Smith, L.L. 105463
Huang, Y. *see* Wang, M.C. 65716
Huang, Y. *see* Xia, X.-G. 117388
Huang, Y.-H. *see* Wu, C.-H. 98563
Huang, Y.-J., Fan, F.-C., Fu, S.-L. Interconnection analysis for MCM applications 104978
Huang, Y.-W. *see* Shih, W. 62480
Huang, Y.C., Byer, R.L. Design for a GeV per meter, laser-driven electron accelerator 110470
Huang, Y.C., Byer, R.L. A proposed high-gradient laser-driven electron accelerator using crossed cylindrical laser focusing 119970
Huang, Y.H., Weerasoorlya, S., Low, T.S. Autotuning of a servowriter head positioning system with minimum positioning error 75229
Huang, Y.H. *see* Hsu, J.H. 115531
Huang, Y.M. *see* Chang, W.C. 110793
Huang, Y.P. *see* Wang, X.H. 84040
Huang, Y.S. *see* Ke Liu 98232
Huang, Z., Cohen, F.S. Affine-invariant B-spline moments for curve matching 108707
Huang, Z., Demarest, K., Plumb, R. Ground-penetrating radar antenna modeling 109762
Huang, Z. *see* Chaturvedi, P. 97040
Huang, Z. *see* Demarest, K. 99605
Huang, Z. *see* Wang, H.B. 101431
Huang, Z.C., Chen, J.C., Mott, D.B., Shu, P.K. High performance GaN linear array 89108
Huang, Z.C., Wie, C.R., Na, I., Luo, H., Mott, D.B., Shu, P.K. High performance ZnSe photoconductors 99989
Huang, Z.C. *see* Lee, K.-J. 105164
Huang, Z.C. *see* Yang, K. 105188
Huang Aiping *see* Aiping Huang
Huang Anli *see* Cai Hanshen 81601
Huang Anshan *see* Anshan Huang
Huang B Guo-Wei *see* Guo-Wei Huang B
Huang Benxiong *see* Chen Wenge 101568
Huang ChaChi *see* ChaChi Huang
Huang Chang *see* Zhang Xing 63939
Huang Changcheng *see* Changcheng Huang
Huang Chao-Ming *see* Chao-Ming Huang
Huang Chau-Tan *see* Chau-Tan Huang
Huang Chen-Tang *see* Chen-Tang Huang
Huang Chen-Yi *see* Chen-Yi Huang
Huang Cheng-Liang *see* Cheng-Liang Huang
Huang Chi-Yen *see* Chi-Yen Huang
Huang Chia-Chun *see* Chia-Chun Huang
Huang Chia-Wen *see* Chia-Wen Huang
Huang Chiang-Tsung *see* Chiang-Tsung Huang
Huang Chien-Pang *see* Chien-Pang Huang
Huang Chih-Chin *see* Chih-Chin Huang
Huang Chih-Yu *see* Chih-Yu Huang
Huang Chimoon *see* Chimoon Huang
Huang Ching Yao *see* Ching Yao Huang
Huang Ching-Lien *see* Ching-Lien Huang
Huang Ching-Yu *see* Ching-Yu Huang
Huang Chun-Jieh *see* Chun-Jieh Huang
Huang Chun-Yueh *see* Chun-Yueh Huang
Huang Chunchieh *see* Chunchieh Huang
Huang Chung-Ming *see* Chung-Ming Huang
Huang Chunhua *see* Dai Hongwei 81040
Huang Danhong *see* Danhong Huang
Huang Daoyang *see* Daoyang Huang
Huang Dehua *see* Dehua Huang
Huang Der-Ray *see* Der-Ray Huang
Huang Dexiu *see* Min Shuangquan 109631
Huang Dexiu *see* Xiang Qing 78657
Huang Deyin *see* Zhai Xianghua 76105
Huang Din-Wei *see* Din-Wei Huang
Huang Ding-Gou *see* Ding-Gou Huang
Huang Ding-Wei *see* Ding-Wei Huang
Huang Dishan A wavelet-based algorithm for the Hilbert transform 86209
Huang Duen-Tay *see* Duen-Tay Huang
Huang Feili *see* Qin Zhengqing 112436
Huang Feng *see* Feng Huang
Huang Fon-Shan *see* Fon-Shan Huang
Huang Fu-Quan *see* Han Fu 109846
Huang Gang *see* Gang Huang
Huang Guangshun *see* Zhou Hongyu 69765
Huang Guanguang *see* Zheng Qilun 61937
Huang Guo-Wei *see* Guo-Wei Huang
Huang Guoliang *see* Guoliang Huang
Huang Gwo-Sheng *see* Gwo-Sheng Huang
Huang Helan *see* Yang Yukan 103857
Huang Hong *see* Hong Huang
Huang Hongxin *see* Hongxin Huang
Huang Hongzhong Foundation of fuzzy mechanical science and technology 92464
Huang Hou-Sheng *see* Hou-Sheng Huang
Huang Hsiang-Sung *see* Hsiang-Sung Huang
Huang Hua *see* Xia Liansheng 62578
Huang Huei Li *see* Huei Li Huang
Huang Hui-Min *see* Hui-Min Huang
Huang Hung-Chin Microwave approach to a class of highly irregular fiber optics 97271
Huang Jau-Hsiung *see* Jau-Hsiung Huang
Huang Jen-Bin *see* Jen-Bin Huang
Huang Jenn-Hwa *see* Jenn-Hwa Huang
Huang Jian, Rao Mingzhong, Yun Zhenqing, Jiang Kexun, Cheng Zhiguang, Zhang Yuanlu The loss simulation of large transformer oil tank 102810
Huang Jian, Yu Jihui, Tan Bangding, Rao Mingzhong, Yun Zhenqing Calculating new three-dimension electrostatic field model by complementary variational method 96924
Huang Jian, Yu Jihui, Tan Bangding, Rao Mingzhong, Yun Zhenqing Complementary variational method in three dimensional eddy current field computation 107766
Huang Jian, Yu Jihui, Tan Bangding, Rao Mingzhong, Yun Zhenqing The modification and discretization for $\vec{H}$–ψ functional in three dimensional eddy current field 107774
Huang Jian *see* Jian Huang
Huang Jian-Guo Additive Schwarz alternating method for nonconforming finite element–case of weak overlap 103797
Huang Jian-Jang *see* Jian-Jang Huang
Huang Jiantao *see* Jiantao Huang
Huang Jiayu, Sun Dechang, Fu Weihui Application of the Park's equations to the electric power system calculation 90952
Huang Jie *see* Jie Huang
Huang Jifu *see* Jifu Huang
Huang Jin-Biao *see* Jin-Biao Huang
Huang Jinman *see* Jinman Huang
Huang Jinxi *see* Wang Lifu 66169
Huang Jiun-Jie *see* Jiun-Jie Huang
Huang Jiung-yao *see* Jiung-yao Huang
Huang Jiying, Wan Wenjun, Yin Guanxi A study of snow backscattering properties in MM band 76423
Huang Jiying *see* Du Wenqi 76424
Huang Jun *see* Jun Huang
Huang Jung-A *see* Jung-A Huang
Huang Kai-Chuang *see* Kai-Chuang Huang
Huang Kaibang *see* Liang Wenbao 104587
Huang Keh-Ching *see* Keh-Ching Huang
Huang Kou-Shung *see* Kou-Shung Huang
Huang Kuang-Chih *see* Kuang-Chih Huang
Huang Kun-Yuan *see* Kun-Yuan Huang
Huang Lin *see* Geng Zhiyong 113060
Huang Liwei *see* Jiao Yongchang 97382
Huang Liying *see* Liying Huang
Huang Maoquan, Zhen Jinling, Zhang Kuanshou, Pen Kuenchi A frequency-stabilized and-doubled pulsed ring Nd:YAG laser 65159
Huang Mautzai *see* Jang Lingyun 69902
Huang Meisheng *see* Liu Jinru 116344
Huang Min-Cheng *see* Min-Cheng Huang
Huang Ming-Huang *see* Ming-Huang Huang
Huang Ming-Zhu *see* Ming-Zhu Huang
Huang Minghus *see* Xu Zhengshan 111695
Huang Mingjyue *see* Mingjyue Huang
Huang Motao *see* Motao Huang
Huang Mu-Yeh *see* Mu-Yeh Huang
Huang Nae Woei *see* Nae Woei Huang
Huang Nen-Fu *see* Nen-Fu Huang
Huang Pao-Yao *see* Pao-Yao Huang
Huang Ping-Hue *see* Ping-Hue Huang
Huang Po-Chiun *see* Po-Chiun Huang
Huang Pujiang *see* Pujiang Huang
Huang Qiang *see* Qiang Huang
Huang Qihong *see* Qihong Huang
Huang Qing-An *see* Qing-An Huang
Huang Qingming, Gao Wen, Zhang Tianwen A stereo correspondence algorithm based on color constraint 97944
Huang Qiuting A capacitor-area efficient realization of sigma-delta modulator-based FIR/IIR analog linear-phase filters 104713
Huang Qiuting *see* Qiuting Huang
Huang Qixin *see* Qixin Huang
Huang Renyuan *see* Renyuan Huang
Huang Rong-Huey *see* Rong-Huey Huang
Huang Ruey Shing *see* Ruey Shing Huang
Huang Ruey-Shing *see* Ruey-Shing Huang
Huang Shang-Lian *see* Chen Wei-Min 79309
Huang Shanglian *see* Liu Yan 100083
Huang Shanglian *see* Tu Yaqing 79465
Huang Shengguo, Lu Bin, Zhong Liang The modeling of ATC systems based on Petri net 101493

Huang Shenghua, Fu Guangjie Decoupling control of three-dimensional drive in robot 91790
Huang Shenghua *see* Fu Guangjie 77349
Huang Shenghua *see* Gu Chenglin 71281
Huang Shi *see* Shi Huang
Huang Shi-Yu *see* Shi-Yu Huang
Huang Shiang-Tang *see* Shiang-Tang Huang
Huang Shiao-Jiuan *see* Shiao-Jiuan Huang
Huang Shih-Chu *see* Shih-Chu Huang
Huang Shiuh-Jer *see* Shiuh-Jer Huang
Huang Show-Ching *see* Show-Ching Huang
Huang Shu-Chuan *see* Shu-Chuan Huang
Huang Shu-Zhao *see* Shu-Zhao Huang
Huang Shung-I *see* Lu Chung-Chin 111603
Huang Shyh-Jier *see* Shyh-Jier Huang
Huang Sianchang *see* Sianchang Huang
Huang Sunan *see* Sui Jiaxian 60706
Huang Sung-Cheng *see* Sung-Cheng Huang
Huang Sunren *see* Xu Zhou 116573
Huang Sy-Ruen *see* Sy-Ruen Huang
Huang Tayuan *see* Tayuan Huang
Huang Tiao-Yuan *see* Tiao-Yuan Huang
Huang Tiexia *see* Chen Wenge 101568
Huang Tongcheng, Lu Yuchu Linear regression forecasting model of multilevel fuzzy factors 72483
Huang Tsang-Sum *see* Tsang-Sum Huang
Huang Tzuen-Hsi *see* Tzuen-Hsi Huang
Huang Wan Chang *see* Wan Chang Huang
Huang Wei *see* Wei Huang
Huang Wei Kang *see* Wei Kang Huang
Huang Wei-Ning *see* Wei-Ning Huang
Huang Wei-Ping *see* Wei-Ping Huang
Huang Weishi *see* Zhou Jun 117733
Huang Wen-Yen *see* Wen-Yen Huang
Huang Wengzhong *see* Wu Deyong 65012
Huang Wenhao *see* Zhang Haijun 69279
Huang Wenlong *see* Wenlong Huang
Huang Wenzhong, You Yonglu, Chunyu Shutai, Zhang Jie, Zhang Qiren, Yang Shangjin, Wu Deyong, Zhuang Xiuqun, Gu Yuqiu, Liu Shuping, Du Fengying, Cai Yuqin, Yuan Xiaodong, Wei Xiaofeng Experimental investigation of Ne-like Ti X-ray laser 96202
Huang Xiangfu *see* Shi Wen 121661
Huang Xiangfu *see* Xiangfu Huang
Huang Xianlie, Cao Guoqiang Multitarget detection using a chirp-encoded joint transform correlator with high pass filtering 117817
Huang Xianlin, Sun Qunxue, Liu Shengcai A temperature control system of simple Earth simulator 111033
Huang Xianrui *see* Xianrui Huang
Huang Xiao Hua *see* Xiao Hua Huang
Huang Xiaodong *see* Xiaodong Huang
Huang Xiaohua *see* Xiaohua Huang
Huang Ximin *see* Jianq Min 95881
Huang Ximin *see* Ximin Huang
Huang Xinfan *see* Gu Xiaofeng 75599
Huang Xinfan *see* Wu Wei 105535
Huang Xinfan *see* Xinfan Huang
Huang Xingzhong *see* Xingzhong Huang
Huang Xinping *see* Xinping Huang
Huang Xu-guang *see* Xu-guang Huang
Huang Xuefeng *see* Xuefeng Huang
Huang Xueliang *see* Du Yansen 71243
Huang Xueliang *see* Hu Minqiang 96950
Huang Yan *see* Li Chunsheng 97824
Huang Yan *see* Toh Peng Seng 90389
Huang Yan *see* Yan Huang
Huang Yang-Tung *see* Yang-Tung Huang
Huang Yann-Chang *see* Yann-Chang Huang
Huang Yenchieh *see* Yenchieh Huang
Huang Yi *see* Wu Ying 73707
Huang Yih *see* Yih Huang
Huang Yih-Fang *see* Yih-Fang Huang
Huang Yimin *see* Yimin Huang
Huang Ying *see* Yang Chunming 81068
Huang Ying *see* Ying Huang
Huang Ying-Sheng *see* Ying-Sheng Huang
Huang Yiping *see* Yiping Huang
Huang Yo-Ping *see* Yo-Ping Huang
Huang Yong *see* Chen Xianlu 91212
Huang Yong *see* Yong Huang
Huang Yong-Zhen *see* Yong-Zhen Huang
Huang Yongnian *see* Zhan Yushu 79717
Huang Youqin, Jiang Yijing Research on static voltage stability of East China electric power grid 90956
Huang Yu *see* Yu Huang
Huang Yu Wong *see* Yu Wong Huang
Huang Yuanfang Technical challenges for the design of the Three Gorges generating equipment 81342
Huang Yuh-Ming *see* Yuh-Ming Huang
Huang Yunteng *see* Yunteng Huang
Huang Yunxian *see* Yunxian Huang
Huang Zailu *see* Feng Zhaozhi 93286
Huang Zailu *see* Zailu Huang
Huang Zhan-Hua *see* Zhan-Hua Huang
Huang Zhaoming *see* Wu Fang 116051
Huang Zhibin *see* Zhibin Huang
Huang Zhigang *see* Zhigang Huang
Huang Zhiming *see* Zhiming Huang
Huang Zhongping, Chen Panao, Zhang Shudan, Cai Yong, Wang Baoping Fabrication and characteristics of micro-vacuum tube of Si-tip FEAs 73983
Huang Zhongzang, Lu Hongming, Li Hongjin, Pan Xiaoming Preparation and properties of PTC material with low resistivity 112489
Huang Zse-Ting *see* Zse-Ting Huang
Huang-Chung Cheng, Tzong-Kuei Kang, Tzun-Kun Ku, Bau-Tong Dai, Liang-Po Chen A novel technology to reduce the antenna charging effects during polysilicon gate electron-cyclotron-resonance etching 84163
Huang-Chung Cheng *see* Chih-Chong Wang 74055
Huang-Chung Cheng *see* Chih-Chong Wang 94172
Huang-Chung Cheng *see* Chin-Kun Wang 105731
Huang-Chung Cheng *see* Chun-Yi Chai 63113
Huang-Chung Cheng *see* Chun-Yi Chai 63114
Huang-Chung Cheng *see* Fang-Shing Wang 63232
Huang-Chung Cheng *see* Ping-Wei Wang 84031
Huang-Shen Lin *see* Ming-Jer Jeng 63211
HuangFu Kan *see* Wan Jian-Wei 117520
Huangzhang Li *see* Liang Tang 121542
Huanliu Liu *see* Liu Huanliu
Huanqing Feng *see* Feng Huanqing
Huant, S., Etienne, B. Magneto-optical studies of laterally modulated nanostructures grown on GaAs vicinal substrates 105295
Huant, S. *see* Grynberg, M. 94363
Huant, S. *see* Mandray, A. 62744
Huanye Sheng *see* Minglu Li 98870
Huapeng Xu *see* Weitang Li 80061
Huapeng Xu *see* Weitang Li 100828
Huaqing Zeng *see* Ural, H. 98496
Huard, J.-F., Inoue, I., Lazar, A.A., Yamanaka, H. Meeting QOS guarantees by end-to-end QOS monitoring and adaptation 108860
Huard, S. *see* Bendamardji, S. 69344
Huart, M. *see* Roshal, A. 102884
Huat Aw Chye *see* Chye Huat Aw
Huat Chua Beng *see* Chua Beng Huat
Huaxiang Lu *see* Lu Huaxiang
Huayang Gong *see* Gong Huayang
Huaying Huai *see* Jakab, E. 110433
Huayu Wang *see* Wang Huayu
Huazhong Yang *see* Yang Huazhong
Hubaux, J.-P. *see* Basso, A. 67912
Hubaux, J.-P. *see* Gbaguidi, C. 98882
Hubaux, J.-P. *see* Znaty, S. 77763
Hubaux, J.-P. *see* Znaty, S. 77872
Hubaux, J.-P. *see* Znaty, S. 87846
Hubaux, J.P. *see* Fernandez, C.L. 86584
Hubbard, B. *see* Adams, D. 69840
Hubbard, B. *see* Unno, Y. 80035
Hubbard, C. *see* Dhawan, S. 100987
Hubbard, E. *see* Jongen, Y. 101424
Hubbard, F.R., Mosleh, A. The search for dependencies or how could two current design nuclear power plants produce IPE results three orders of magnitude different? 71048
Hubbard, L.C.M. *see* Dodson, A.H. 76418
Hubbard, R.F., Fisher, A., Fliflet, A., Ayers, J., Golden, J. Materials processing applications of moderate energy, pulsed electron beams 61415
Hubbert, J.C., Bringi, V.N. Specular null polarization theory: applications to radar meteorology 90808
Hubbi, W. Computational method for remote meter calibration in power systems 121252
Hubele, N.F. *see* Ranaweera, D.K. 70787
Huber, A.D. *see* Sayah, J.Y. 113638
Huber, A.K., Budge, S.E. Global and local distortion inference during embedded zerotree wavelet decompression 86755
Huber, B. *see* Kozlowski, F. 83686
Huber, C. A system platform for the access network 78255
Huber, C., Ganchev, S., Zoughi, R. Tip location determination of exposed and filled cracks using microwaves 113573
Huber, C., Sadoqi, M., Huber, T., Chacko, D. Microengineered conducting composites from nanochannel templates 72966
Huber, C., Zoughi, R. Detecting stress and fatigue cracks 113567
Huber, C. *see* Ganchev, S.I. 82794
Huber, C. *see* Zoughi, R. 113590
Huber, C.J., Rucker, W.M., Hoschek, R., Richter, K.R. A new method for the numerical calculation of Cauchy principal value integrals in BEM applied to electromagnetics 107722
Huber, D. *see* Hochst, H. 84782
Huber, D. *see* Obermeier, G. 84509
Huber, E., Urban, M. Helmholtz coils for the calibration of magnetic field sensors 93973
Huber, G. *see* Braun, B. 116458
Huber, G. *see* Jensen, T. 65120
Huber, G.M. *see* Maruyama, K. 100989
Huber, H. *see* Assmann, W. 103035
Huber, H. *see* Bielski, S. 110372
Huber, H. *see* Kramer, E. 91351
Huber, J., Lohninger, G. RF measurements on SIEGET bipolar transistors: Predicting performance straight from the wafer 84311
Huber, J. *see* Abe, K. 69708
Huber, J. *see* Abe, K. 69726
Huber, J. *see* Braunschweig, W. 120173
Huber, J. *see* Fojt, R. 113971
Huber, J.L. *see* Deshpande, M.R. 63811
Huber, K. Computing complex convolutions using surrogate fields 66756
Huber, K.P. *see* Lehmann, A. 108938
Huber, L., Jovanovic, M.M. Optimizing flyback topologies for portable AC/DC adapter/charger applications. II. DC/DC converter design 121686
Huber, M.A. *see* Schmidt, R.J. 81197
Huber, M.N. *see* Bischoff, M. 119261
Huber, M.N. *see* Osborne, R. 109320
Huber, O. *see* Toutain, F. 87954
Huber, P. *see* Jochle, K. 70201
Huber, P. *see* Mentz, H.-J. 98797
Huber, S. *see* Manzel, M. 93701
Huber, T. *see* Huber, C. 72966
Huber, W. *see* Junge, G. 99421
Huber, W.D., Worstell, G. Maximal areal density for PRML data channels 115813
Huber, W.M., Berr, M., Kalbeck, A., Prettl, W., Huggard, P.G. Far infrared video detection and difference frequency mixing with tilted c-axis epitaxial $YBa_2Cu_3O_{7-\delta}$ thin films 79396
Hubers, H.-W. *see* Roser, H.P. 105863
Hubert, A. *see* Cuntze, G. 115501
Hubert, A. *see* McCord, J. 115652
Hubert, A. *see* McCord, J. 115878
Hubert, A. *see* Schmeusser, S. 115646
Hubert, M. *see* Othonos, A. 85007
Hubert, O., Monfort, Y., Lepaisant, J., Gunther, C., Bloyet, D. DC SQUID amplifier for NMR experiments on small samples 95491
Hubicka, Z. *see* Sicha, M. 113494
Hubik, P., Mares, J.J., Kristofik, J., Sestskova, V., Stepanek, B. Deep donors in tellurium and sulphur codoped GaSb 74272
Hubin, J. *see* Shah, A. 94411
Hubin, M., Lee, S.G. Sequential deposition method and add-on processes to obtain InSb thin film suitable for magnetic sensors 72937
Hubing, T.H. *see* Hockanson, D.M. 97194
Hubler, A. *see* Dueweke, M. 93982
Hubmann, M. *see* Gerhold, J. 75052
Hubmann, M. *see* Gerhold, J. 97004
Hubner, A. *see* Aberle, A.G. 91735
Hubner, B. *see* Zengerle, R. 107263
Hubner, J., Poulsen, C.V., Pedersen, J.E., Poulsen, M.R., Feuchter, T., Kristensen, M. UV-written Y-splitter in Ge-doped silica 95791
Hubner, J. *see* Sejka, M. 78670
Hubner, M. *see* Bott, K. 62940
Hubner, M. *see* Buhleier, R. 116679
Hubner, M. *see* Buret, H. 73776
Hubner, M. *see* Rattay, B. 88110
Hubner, R. *see* Otterpol, H. 103061
Hubner, U. *see* Tang, D.Y. 107133
Hubsch, P. *see* Bankier, A.A. 101234
Huc, P. *see* Renovell, M. 61839
Huc, P. *see* Renovell, M. 104486
Hucho, C., Feller, J., Gaffney, R., McKenna, M., Sarma, B., Levy, M. Surface acoustic wave investigation of mixed-state phases in $YBa_2Cu_3O_7$ 106642
Hucho, C. *see* Hong Zhang 106643
Huck, H. *see* Pollak, R. 114997
Huck, R.W. Information highway and satellite communications initiatives in Canada 109591
Huda, W., Slone, R.M., Belden, C.J., Williams, J.L., Cumming, W.A., Palmer, C.K. Mottle on computed radiographs of the chest in pediatric patients 80365
Hudait, M.K. *see* Modak, P. 104002
Hudak, J. *see* Blazek, J. 110114
Huddleston, J. *see* Mordecai, N. 91983
Huddleston, W., Snyder, J. Vision system for measuring semiconductor devices 94097
Hudec, L. *see* Nahlik, J. 65164
Hudeczek, M. *see* Kijonka, J. 112431
Hudek, C.C., Richer, I. Signaling protocol implementations on a burst-switched all-optical networking testbed 88576
Hudek, P., Rangelow, W.I., Kostic, I., Stangl, G., Borkowicz, Z., Linnemann, R., Hadjiiski, L., Gotszalk, T. Submicro- and nanometer structure fabrication using direct electron-beam writing and reactive ion etching [mask-making] 63504
Hudepohl, J.P. *see* Khoshgoftaar, T.M. 98525
Hudgins, J.L. *see* Brice, C.W. 111682
Hudner, J., Hellberg, P.-E., Kusche, D., Ohlsen, H. Tantalum oxide films on silicon grown by tantalum evaporation in atomic oxygen 113502
Hudoklin, A., Rozman, V. Reliability of railway traffic personnel 72167
Hudry, O. *see* Charon, I. 66348
Hudson, D.L. *see* Cohen, M.E. 120413
Hudson, J. *see* Ward, C. 97132
Hudson, J.T. *see* Cooper, J.D. 102312
Hudson, L.T., Deslattes, R.D., Henins, A., Chantler, C.T., Kessler, E.G., Schweppe, J.E. A curved crystal spectrometer for energy calibration and spectral characterization of mammographic X-ray sources 120388
Hudson, L.T. *see* Chantler, C.T. 90453
Hudson, M. Statistical models and algorithms for tomography 90394
Hudson, N.R. *see* Riddington, E.P. 70131
Hudson, P.T.W. *see* Postma, E.O. 103702
Hudson, R., Aarsvold, J.N., Chen, C.-T., Chen, J., Davies, P., Disz, T., Foster, I., Griem, M., Kwong, M.K., Lin, B. An optical microscopy system for 3D dynamic imaging 98284
Hudson, R.E. *see* Wang, A. 90611
Hudson, R.E. *see* Wang, A. 108207
Hudson, R.E. *see* Wang, A. 117295
Hudson, R.P. *see* Rusby, R.L. 119527
Hudson, T.D. *see* Mingzhe Lu 117762
Hudson, T.D. *see* Yu, F.T.S. 86970
Hudyma, R.M. Athermal MWIR objectives 64861

Hudzovic, P., Oravec, I. A comparative method for unconstrained optimization 113180
Hue, J., Dijon, J., Lyan, P. The CMO YAG laser damage test facility 107455
Hue, J., Garrec, P., Dijon, J., Lyan, P. R-on-1 automatic mapping: a new tool for laser damage testing 107454
Hue, J. *see* Dijon, J. 107465
Huebener, R.P. *see* Lachenmann, S.G. 75358
Huebener, R.P. *see* Ochs, E. 95496
Huebener, R.P. *see* Quenter, D. 115964
Huebner, U. *see* Fischer, G. 98788
Huebner, U. *see* Machalett, F. 95457
Huebner, W., Anderson, H.U., Reed, D.M., Sehlin, S.R., Xiaohua Deng Microstructure$\rightleftharpoons$property relationships of Ni:ZrO_2 anodes 81821
Huebner, W. *see* Anderson, H.U. 81787
Huebner, W. *see* Peed, D.M. 71687
Hueckel, G. *see* Abadeer, W. 105501
Hueckel, G.R. *see* Abadeer, W.W. 60726
Huei Chiou Rui Chuo *see* Rui Chuo Huei Chiou
Huei Li Huang *see* Jing Ju Lu 115472
Huei Lin Shiuan *see* Shiuan Huei Lin
Huei Wang, Kwo Wei Chang, Tran, L.T., Cowles, J.C., Block, T.R., Lin, E.W., Dow, G.S., Oki, A.K., Streit, D.C., Allen, B.R. Low phase noise millimeter-wave frequency sources using InP-based HBT MMIC technology 114320
Huei Wu Yu *see* Yu Huei Wu
Huei-Yang Lai *see* Chung-Ming Huang 108832
Huele, A.F. *see* Engel, J. 60545
Huelsman, L.P. Symbolic analysis–a tool for teaching undergraduate circuit theory 60452
Huelsman, L.P. *see* Hassoun, M.M. 93038
Huelsman, L.P. *see* Oksasoglu, A. 83210
Huenger, A., Kordsmeier, R., Schumacher, M., Selke, O., Ahrens, J., Peise, J., Schmitz, M., Schneider, M., Wissmann, F., Dolbilkin, B., Kondratjev, R., Lisin, V., Polonski, A. A high angular-resolution and time-of-flight detector system for recoil protons from the reactions $p(\gamma,\gamma)p$ and $p(\gamma,\pi^0)p$ 69838
Huertas, J.L., Sanchez-Solano, S., Baturone, I., Barriga, A. Integrated circuit implementation of fuzzy controllers 73460
Huertas, J.L. *see* Lubaszewski, M. 93609
Huertas, J.L. *see* Serrano-Gotarredona, T. 93640
Huertas, J.L. *see* Vazquez, D. 106199
Hueschen, M. *see* Sheats, J.R. 116244
Huesman, R.H., Klein, G.J., Fleming, T.K. A hybrid UNIX controller for real-time data acquisition 90368
Huesman, R.H. *see* Gullberg, G.T. 101323
Huesman, R.H. *see* Hsieh, Y.-L. 101158
Huesman, R.H. *see* Klein, G.J. 90447
Huesman, R.H. *see* Yu-Lung Hsieh 101291
Huesmann, R. *see* Toschek, P.E. 119517
Huet, A. Teleports: a business development tool for enterprises 118206
Huet, F. *see* Bruno, A. 96044
Huet, F. *see* Devaux, F. 75586
Huet, K. *see* Adam, W. 69709
Huet, K. *see* Botner, O. 69728
Huet, K. *see* Campion, R. 69727
Huete, A.R. *see* Sano, E.E. 120816
Hueting, R.J.E., Slotboom, J.W., Pruijmboom, A., de Boer, W.B., Timmering, C.E., Cowern, N. On the optimisation of SiGe-base bipolar transistors 84318
Hueting, R.J.E., Slotboom, J.W., Pruijmboom, A., de Boer, W.B., Timmering, C.E., Cowern, N.E.B. On the optimization of SiGe-base bipolar transistors 105894
Huettl, B., Velthaus, K.O., Troppenz, U., Herrmann, R., Mauch, R.H. SrS:Ce,Mn,Cl–a novel efficient EL phosphor 75712
Huettl, B. *see* Quang, V.X. 106958
Huey, K. *see* Benson, D. 114482
Huey-Chi Chu *see* Liwei Lin 64016
Huey-Kuo Chen, Huey-Wen Chou Solving multi-objective linear programming problems–a generic approach 92517
Huey-Liang Hwang, Po-Ching Chen, Hsu, K.Y.J. Ultra-thin gate dielectrics grown by low-temperature processes for applications to ULSI devices 61328
Huey-Min Lee *see* Hong-Tzer Yang 80899
Huey-Wen Chou *see* Huey-Kuo Chen 92517
Huff, G.J. *see* Cruder, O. 80782
Huff, H.R., Goodall, R.K. Growing pains [semiconductor wafers] 84049
Huff, H.R., Goodall, R.K., Williams, E., Woo, K.S., Liu, B.Y.H., Warner, T., Hirleman, D., Gildersleeve, K., Bullis, W.M., Scheer, B.W., Stover, J. Measurement of silicon particles by laser surface scanning and angle-resolved light scattering 63858
Huff, H.R. *see* Bullis, W.M. 62665
Huff, H.R. *see* Bullis, W.M. 63857
Huff, H.R. *see* Goodall, R.K. 115051
Huff, J.R. *see* Doughty, D.H. *(editor)* 103316
Huff, L.W. *see* Triebes, K.J. 64867
Huff, M.A. *see* Kahn, H. 74951
Huffaker, D.L., Deppe, D.G. Multiwavelength, densely-packed 2×2 vertical-cavity surface-emitting laser array fabricated using selective oxidation 76032
Huffaker, D.L., Deppe, D.G., Lei, C., Hodge, L.A. Sealing AlAs against oxidative decomposition and its use in device fabrication 103433
Huffaker, D.L., Graham, L.A., Deng, H., Deppe, D.G. Sub-40 μA continuous-wave lasing in an oxidized vertical-cavity surface-emitting laser with dielectric mirrors 85524
Huffaker, D.L. *see* Oh, T.-H. 114932
Huffel, S.Van *see* Van Huffel, S.
Huffman, D.D. *see* Iman, R.L. 73856
Huffman, G. *see* Fowkes, W.R. 100416
Huffman, G.J. *see* Negri, A.J. 90768
Huffman, J.A. *see* Werner, D.H. 97332
Huffman, K., Roan, D., Wang, S.-Q., Lee, T.W. The use of PECVD glass coatings for the encapsulation of low-K dielectrics for failure analysis 95145
Huffman, K. *see* Kudva, S.M. 92351
Huffman, L., Bullock, S. Digital modulation and demodulation within E-systems differential GPS transmitter and receiver 68337
Huffman, M. *see* Scott, J.F. 113944
Huffman, P.R. *see* Haase, D.G. 120095
Huffman, T. *see* Zimmermann, S. 79258
Huffman, T. *see* Zimmermann, S. 100857
Hufnagel, S. *see* Mettala, E. 80722
Hug, H.J., Stiefel, B., Moser, A., Parashikov, I., Klicznik, A., Lipp, D., Guntherodt, H.-J., Bochi, G., Paul, D.I., O'Handley, R.C. Magnetic domain structure in ultrathin Cu/Ni/Cu/Si(001) films 75170
Hug, H.J. *see* Gutmannsbauer, W. 112996
Hug, P. *see* Rogalla, M. 120146
Hug, S.E. *see* Moon, S.W. 104800
Hugel, H., Dausinger, F., Bloehs, W., Grunenwald, B. Basic coupling mechanisms in laser surface treatment 116793
Hugel, H. *see* Berger, L. 96245
Hugelschafer, L., Vaupel, G. Digital firing control for line-commutated high power converters 81540
Hugelschafer, L. *see* Sadek, K. 111571
Hugentobler, U. *see* Beutler, G. 68323
Huggard, M. *see* Duffield, N.G. 77579
Huggard, P.G. *see* Huber, W.M. 79396
Hugger, J. Local polynomial interpolation in a rectangle 72565
Huggett, P. *see* Russell, P.C. 79514
Huggins, R.A. Supercapacitors 102936
Huggins, R.A. Transient behavior of ultracapacitors and supercapacitors 112429
Hughen, J.H., Kahn, B.A., Dixon, J.L. Mobile vehicle ATR for a medium resolution SAR 119286
Hughes, A.W., Longair, I.M. Improvement of accuracy in large sewer mean flow measurements using an array of Doppler transducers 69044
Hughes, B. *see* Yu-Sun Liu 66462
Hughes, B.L. On nonlinear direct-sequence detectors in arbitrary power-limited interference 78340
Hughes, B.L. *see* Cooper, A.B. 66488
Hughes, B.T. *see* Jones, K.A. 63607
Hughes, C.A. *see* Endo, T.R. 70400
Hughes, C.D. *see* Koudelka, O. 99408
Hughes, C.W. *see* Woodworth, P.L. 120809
Hughes, D. STRATAGEM–a methodology and computer-based tool for strategic regeneration 72155
Hughes, D. Virtual studio technology. The 1996 Eurovision Song Contest 109889
Hughes, D., Davies, P. Monitoring steel tower foundation corrosion 121200
Hughes, D., Wen, J.T. Preisach modeling of piezoceramic and shape memory alloy hysteresis 92978
Hughes, D.T., Clarke, I.J. Jitter reduction in adaptive sonar signal processing 68738
Hughes, E.B. *see* Szymanski, J.J. 110589
Hughes, E.J. *see* Sayah, J.Y. 113638
Hughes, E.S. *see* Earp, S.L. 109766
Hughes, E.S. *see* Earp, S.L. 111424
Hughes, F. Electrostatic allergen control 116832
Hughes, F.M. *see* Meaburn, A. 111843
Hughes, G. Self-assessment process focus on outcomes [nuclear safety] 81221
Hughes, G. *see* Ambrose, J. 70580
Hughes, G. *see* Barbato, G. 68958
Hughes, H. *see* Krunz, M. 77077
Hughes, H.D. *see* Cheng, L. 87703
Hughes, H.G. Chemical gas sensors on silicon 79594
Hughes, J.B., Moulding, K.W. Enhanced S^{2}I switched-current cells 104732
Hughes, J.B., Moulding, K.W., Richardson, J., Bennett, J., Redman-White, W., Bracey, M., Soin, R.S. Automated design of switched-current filters 73543
Hughes, J.B. *see* Bracey, M. 73481
Hughes, J.L.A. *see* Juodawlkis, P.W. 78698
Hughes, J.S. *see* Smith, G.M. 65204
Hughes, J.S. *see* Smith, G.M. 76004
Hughes, L.L. *see* Butker, E.K. 120506
Hughes, M.B., Chan, J.S. Canadian National Power Quality Survey results 121086
Hughes, M.B. *see* Koval, D.O. 82023
Hughes, P. *see* Twist, P. 67661
Hughes, P.K., II *see* Rao, J.B.L. 111416
Hughes, P.M., Quilliam, P.B., Rose, K.R. The interactive speech applications platform 67839
Hughes, R.J., Luther, G.G., Morgan, G.L., Peterson, C.G., Simmons, C. Quantum cryptography over underground optical fibers 97510
Hughes, R.J.F., Savchenko, A.K., Frost, J.E.F., Linfield, E.H., Nicholls, J.T., Pepper, M., Kogan, E., Kaveh, M. Distribution-function analysis of mesoscopic hopping conductance fluctuations [transistors] 95019
Hughes, S., Knorr, A., Koch, S.W. Femtosecond pulse breakup in a semiconductor amplifier 96295
Hughes, S. *see* Lammert, R.M. 65000
Hughes, S.W., D'Arcy, T.J., Maxwell, D.J., Chiu, W., Milner, A., Saunders, J.E., Sheppard, R.J. Volume estimation from multiplanar 2D ultrasound images using a remote electromagnetic position and orientation sensor 90469
Hughes, S.W., D'Arcy, T.J., Maxwell, D.J., Saunders, J.E., Ruff, C.F., Chiu, W.S.C. Application of a new discreet form of Gauss' theorem for measuring volume 110688
Hughes, T. *see* Warring-Davies, K.J. 120268
Hughes, T. *see* Yang, Y. 106671
Hughes, T.A.T., Liu, P., Griffiths, H., Lawrie, B.W., Wiles, C.M. Simultaneous electrical impedance tomography and videofluoroscopy in the assessment of swallowing 80395
Hughes, T.A.T., Liu, P., Griffiths, H., Wiles, C.M. Repeatability of indices of swallowing in healthy adults: electrical impedance tomography compared with a simple timed test of swallowing 120463
Hughes, T.P., Moir, D.C., Allison, P.W. Beam injector and transport calculations for ITS 89739
Hughes, T.W. *see* Gladstone, S.M., IV 75005
Hughes, T.W. *see* Scott, R.S. 75004
Hughes, W., Gault, K., Princz, G.J. A comparison of the Range-Doppler and Chirp Scaling algorithms with reference to RADARSAT 120714
Hughes, W.C. *see* Boney, C. 85508
Hughes, W.C. *see* Johnson, M.A.I. 72778
Hughes, W.C. *see* Johnson, M.A.L. 72776
Hughes, W.C. *see* Johnson, M.A.L. 82694
Hughes Clarke, J. *see* Campbell, J.W.M. 120850
Hughes-Edwards, L.M., Edwards, J.M. Liquid waste processing at Comanche Peak 121284
Hughes-Oliver, J. *see* Davis, J.C. 63889
Hughes-Oliver, J.M., Davis, J.C., Jye-Chyi Lu, Gyurcsik, R.S. Achieving uniformity in a semiconductor fabrication process using spatial modeling 115315
Hughey, R. *see* Hirschberg, J.D. 104502
Hugi, J. *see* Averin, S. 94637
Hugli, H., Schutz, C., Semitekos, D. Geometric matching for free-form 3D object recognition 87146
Hugon, X., Amore, O., Cortial, S., Lenoble, C., Villard, M. Near-room operating temperature SWIR InGaAs detectors in progress 69307
Hugon, X. *see* Herve, D. 70544
Hugonnard, P. *see* Guillemaud, R. 101163
Hugtenburg, R.P. *see* Turner, J.R. 70196
Huguenin, G.R., Bandla, S., Moore, E.L. A millimeter wave monolithic load switching twist reflector for compact imaging cameras 89158
Huguet, M., Thome, R.J. The ITER magnet system 64566
Huguet, M., Thome, R.J., Mitchell, N., Okuno, K. The ITER magnet system program-design and R&D 95609
Huguet, M. *see* Green, B.J. 95511
Huguet, M. *see* Thome, R.J. 64568
Huh, H. *see* Kim, B.-C. 105765
Huh, J.Y. *see* Chai, J.S. 100809
Huh, Y., Rao, K.R. Progressive transmission of images using the wavelet transform 77292
Huh Chang-Soo *see* Chang-Soo Huh
Huh Hyun *see* Hyun Huh
Huh Jae Doo *see* Jae Doo Huh
Huh Kijae *see* Kijae Huh
Huh Uk-Youl *see* Uk-Youl Huh
Huh Woong *see* Woong Huh
Huh Yoonjong *see* Yoonjong Huh
Huhn, T., Jentschel, H.-J. A frequency-sensitive and time-variant stepsize control for the adaptive echo canceler 66846
Huhnerfuss, H. *see* Gade, M. 111308
Huhse, D., Schell, M., Utz, W., Bimberg, D., Williams, J.A.R., Zhang, L., Bennion, I. Fast wavelength switching of semiconductor laser pulses by self-seeding 116466
Huhta, M. *see* Lhersonneau, G. 80145
Hui, B. Progress of optical networking and technology in the U.S.A 88507
Hui, C. *see* McCanny, J.V. 77535
Hui, C.C.W., Ding, T.J., McCanny, J.V., Woods, R.F. A new FFT architecture and chip design for motion compensation based on phase correlation 108607
Hui, C.L. *see* Frye, R.C. 94136
Hui, C.W., Ng, K.C. Camera calibration: error analysis by predicting parameter accuracy 86829
Hui, D., Neuhoff, D.L. On the encoding complexity of scalar quantizers 66435
Hui, G.K.C. *see* So, B.K.L. 84129
Hui, H.T., Yung, E.K.N. Modal expansion of dyadic Green's functions of the cylindrical chirowaveguide 108001
Hui, I.K. *see* Xie, D.J. 93987
Hui, I.K. *see* Xie, D.J. 93988
Hui, J.Y. *see* Hongbin Ji 87955
Hui, J.Y. *see* Ji, H. 108947
Hui, J.Y. *see* Reininger, D.J. 98367
Hui, K.-W., Choi, Y.-M., Wu, B.-Y. Phase velocity matching in broadband guided wave electro-optic modulators 75589

Hui, L.C., Ben Letaief, K. Co-channel interference cancellation for CDMA over multipath fading channels 68064
Hui, L.C.-K. *see* Kwok-Yan Lam 108161
Hui, P. *see* Woodward, T.K. 85333
Hui, R., O'Sullivan, M. Noise squeezing due to Kerr effect nonlinearities in optical fibres with negative dispersion 116028
Hui, S. *see* Bond, J.W. 108246
Hui, S.P. *see* Chirovsky, L.M.F. 85334
Hui, S.P. *see* Ford, J.E. 95642
Hui, S.P. *see* Krishnamoorthy, A.V. 65002
Hui, S.P. *see* Woodward, T.K. 78867
Hui, S.P. *see* Woodward, T.K. 88610
Hui, S.Y.R., Fung, K.K., Zhang, M.Q., Christopoulos, C. Generalised variable-time-step TLM technique for electrical circuit analysis 61531
Hui, S.Y.R., Sathiakumar, I. Optimisation of microprocessor-based random PWM schemes for power inverters with low switching frequencies 71424
Hui, S.Y.R., Sathiakumar, S., Sung, K.K. Novel random PWM schemes with weighted switching decision 121743
Hui, S.Y.R. *see* Chung, H. 71537
Hui, S.Y.R. *see* Fung, K.K. 61528
Hui, S.Y.R. *see* Fung, K.K. 61621
Hui, S.Y.R. *see* Fung, K.K. 93056
Hui, S.Y.R. *see* Fung, K.K. 93118
Hui, S.Y.R. *see* Fung, K.K. 104285
Hui, S.Y.R. *see* Fung, K.K. 113690
Hui, S.Y.R. *see* Selhi, H. 81942
Hui, S.Y.R. *see* Woolfson, M.S. 114053
Hui, Y.V. *see* Ng, W.C. 112846
Hui Bon Hoa, D. *see* Tillerot, F. 88050
Hui Chen *see* Jilong Hua 118729
Hui Fang *see* Fang Hui
Hui Feng *see* Feng Hui
Hui Gong *see* Gong Hui
Hui Hon-Tat *see* Hon-Tat Hui
Hui Hou Xiao *see* Hou Xiao Hui
Hui Hu A new cone beam reconstruction algorithm for the circle-and-line orbit [CT/SPECT] 80305
Hui Hua *see* Hua Hui
Hui Li *see* Li Hui
Hui Liu, Guanghan Xu A subspace method for signature waveform estimation in synchronous CDMA systems 87385
Hui Liu, Guanghan Xu A subspace method for signature waveform estimation in synchronous CDMA systems 119057
Hui Liu *see* Torlak, M. 109501
Hui Luo, Ruey-Wen Liu, Yanda Li Internal structure identification for layered medium 117439
Hui Luo *see* Luo Hui
Hui Ma, Jixun Ma, Guangnin Wu, Zhigang Huang, Xinyan Wu, Henkun Xie, Delin Sun, Rumin Zhang The study of broadband current transducer system for on-line monitoring of partial discharges in turbine generator 64102
Hui Ma *see* Xinyan Wu 64104
Hui Wang *see* Wang Hui
Hui Xie *see* Morris, J.M. 117579
Hui Xinbiao, Zheng Zhihang, Duan Chenggang An efficient rate control algorithm for HDTV 88835
Hui Yang, Brandt, O., Ploog, K. Real-time monitoring of the surface stoichiometry during molecular beam epitaxy of cubic GaN on (001) GaAs by RHEED 72775
Hui Yang *see* Zhixing Yang 119205
Hui Yongqin, Wang Xishi The reliability and performability of a repairable and degradable ATP system 113035
Hui Yun Wang, Wai-Kai Chen On dual topological theorems of linear active networks 93012
Hui Zhang *see* Bennett, J.C.R. 87392
Hui Zhang *see* Wrege, D.E. 77632
Hui Zhao *see* Zonguang Yu 83178
Hui-Jen Yang *see* Yun Long Lay 100359
Hui-Ling Lou *see* Cohen, E. 78573
Hui-Min Huang *see* Horst, J.A. 97945
Hui-Zhen Zhang *see* Qing-An Huang 74008
HuiBin, S. *see* Bangqi, M. 63850
Huibin Liu *see* Liu Huibin
Huicai Xie *see* Xie Huicai
Huifang Sun *see* Jay Bao 109912
Huifang Wang *see* Wang Huifang
Huifen Zhang *see* Zhang Huifen
Huignard, J. *see* Laude, V. 75577
Huignard, J.-P. *see* Brignon, A. 96657
Huignard, J.-P. *see* Brignon, A. 116684
Huignard, J.-P. *see* Dolfi, D. 66152
Huignard, J.-P. *see* Dolfi, D. 117057
Huignard, J.-P. *see* Durand, O. 75672
Huignard, J.-P. *see* Joubert, C. 89241
Huignard, J.-P. *see* Merlet, T. 64938
Huignard, J.-P. *see* Merlet, T. 66761
Huignard, J.P. *see* Naudan, F. 76093
Huihuang Chen *see* Gang Ou 66902
Huijgen, H. *see* De Loore, B. 77534
Huijsing, J.H. *see* Bakker, A. 79378
Huijsing, J.H. *see* Cherry, E.M. 61664
Huijsing, J.H. *see* Fasoli, L.G. 119539
Huijsing, J.H. *see* Lyahou, K.F. 110089
Huijsing, J.H. *see* Verhoeven, H.-J. 88983
Huijskens, F. *see* Lennartz, C. 100368
Huijsmans, J.P.P., de Jong, J.P., van Heuveln, F.H., van Berkel, F.P.F. Status of SOFC development at ECN 81756
Huijsmans, J.P.P. *see* Van Berkel, F.P.F. 81855
Huijuan Yuan *see* Yuan Huijuan
Huijuan Zhang *see* Zhang Huijuan
Huilai Liang *see* Shurong Li 94914
Huili Wang, Jaszczak, R.J., Coleman, R.E. Determination of collimator and acquisition parameters for astigmatic SPECT imaging 101133
Huiling Li *see* Li Huiling
Huimin Liu, Yanyun Wang, Weiyi Jia, Fucheng Lin, Sen Mao Optical properties of fullerene in glass 85658
Huimin Xu *see* Xu Huimin
Huiming, Z. *see* Sixi, S. 77777
Huiming Tan *see* Tan Huiming
Huinink, W.F. *see* Roks, E. 89163
Huinink, W.F. *see* Roks, E. 110201
Huiping Luo *see* Luo Huiping
Huiqi Yin *see* Pedanekar, N.R. 110419
Huiqiang Jiang *see* Jiang Huiqiang
Huiqun Guo *see* Guo Huiqun
Huisheng Chi *see* Ke Chen 97651
Huisheng Chi *see* Ke Chen 108196
Huisheng Chi *see* Chi Huisheng
Huishun Mao *see* Mao Huishun
Huiskamp, W. *see* Theil, A. 68699
Huisken, J., Welten, F. FADIC: architectural synthesis applied in IC design 83156
Huisman, F.R.J., Buyk, O.J.A., Hurkx, G.A.M. Band-band tunneling in high-voltage varactor diodes 84301
Huisso, A. *see* Van Vliet, C.M. 105088
Huitang Chen *see* Chen Huitang
Huitema, C. *see* Chrisment, I. 98457
Huitema, C. *see* Diot, C. 98453
Huitema, C. *see* Turletti, T. 78135
Huitian Wang, Aruga, T., Peixian Ye Theory and properties of quasiwaveguide modes 95705
Huitian Wang, Yoshikawa, N., Yoshikado, S., Aruga, T. Mutually pumped phase conjugator with a rainbow configuration in BaTiO$_3$:Ce crystal using nanosecond pulses 65440
Huiting Chen, Dawei Yu, Xianling Dong, Ning Duan, Yongling Wang The preparation and properties of PZT thin film by sputtering method 61321
Huitouze, S.Le *see* Le Huitouze, S.
Huiwen Jin *see* Jin Huiwen
Huiyang Zhou, Liangsheng Qu, Aihua Li Test sequencing and diagnosis in electronic system with decision table 82404
Huiying Luo *see* Luo Huiying
Huiyuan Zhang *see* Zhang Huiyuan
Huizenga, H. *see* Althof, V.G.M. 120508
Huizhen Kou *see* Kou Huizhen
Huizing, A.G. Ambiguity resolution in digital pulse compression systems 68611
Huizing, H.G.A., Cartuyvels, R., Dupas, L., Crans, W. New optimization strategy combining response surface model and Levenberg-Marquardt methods for various optimization purposes 84541
Huizing, H.G.A., Visser, C.C.G., Cowern, N.E.B., Stolk, P.A., de Kruif, R.C.M. Ultrafast interstitial injection during transient enhanced diffusion of boron in silicon 94668
Hujanen, A. *see* Hyvonen, L. 83533
Hujanen, A. *see* Ruotanen, L.H. 76379
Hujanen, A. *see* Sihvola, A. 69464
Hukui, S. *see* Watanabe, M. 70859
Hulan, D.G. *see* Hull, A.B. 70323
Hulays, R.A. *see* Karadly, M.M.Z. 65841
Hulbert, A.P. Chip TDM–A new orthogonal downlink transmission technique for CDMA cellular mobile radio 88358
Hulbert, J.N. *see* Gibson, T.D. 119745
Hulenyi, L. *see* Maly, L. 63934
Hulenyi, L. *see* Maly, L. 106133
Hulfachor, R.B., Kim, K.W., Littlejohn, M.A., Osburn, C.M. A Monte Carlo study of drain and channel engineering effects on hot electron injection and induced device degradation in 0.1 μm n-MOSFETs 63726
Hulfachor, R.B. *see* Ellis-Monaghan, J.J. 74726
Hulick, K.E. *see* Hayduk, M.J. 114730
Hulick, K.E. *see* Krol, M.F. 114729
Hulick, T.P. Digital amplitude modulator 79145
Hulin, I. *see* Slavkovsky, P. 90522
Hulka, C. *see* Kumar, R. 69937
Hull, A.B., Arsenault, R., Hulan, D.G., Morgan, W.F. Design of a space-qualified zoom lens for the space station mobile servicing system video camera 70323
Hull, C.D., Chu, R.R., Leong Tham, J. A direct-conversion receiver for 900 MHz (ISM band) spread-spectrum digital cordless telephone 78536
Hull, F.M., Collins, P.D., Liker, J.K. Composite forms of organization as a strategy for concurrent engineering effectiveness 60577
Hull, F.M. *see* Collins, P.D. 92138
Hull, J.J. *see* Tao Hong 66880
Hull, J.R., Labataille, J.F., Mulcahy, T.M., Lockwood, J.A. Reduced hysteresis loss in superconducting bearings 106732
Hull, J.R. *see* Mulcahy, T.M. 95617
Hull, R., Stach, E.A. Equilibrium and metastable strained layer semiconductor heterostructures 74319
Hull, R. *see* Choquette, K.D. 105602
Hull, R. *see* Cotta, M.A. 82618
Hull, R.W. *see* Tuttle, G.T. 75262
Huller, J. *see* Pham, M.T. 63141
Hullett, J.L., Ivandich, S.A. Combined rate control and packet discard strategy for congestion management in ATM data networks 78011
Hullett, J.L. *see* Fischer, S.G. 78010
Hulley, L.N. *see* Cumbi, M.J.N. 61547
Hulme, P.G. Mass storage: the options 106618
Hulot, C. *see* Bergamaschi, F.A. 88710
Hulsbos, D. *see* De Graaf, C. 93369
Hulse, J.E. *see* Landheer, D. 61407
Hulsink, W. *see* Mansell, R. 77815
Hulsmann, A. *see* Lutjering, G. 105431
Hulsmann, A. *see* Schlechtweg, M. 114321
Hulsmann, A. *see* Wang, Z.-G. 99476
Hulsmann, A. *see* Wang, Z.-G. 119130
Hulsmann, A. *see* Zhi-Gong Wang 73504
Hulsmann, P. *see* Dohlus, M. 89660
Hulsmann, P. *see* Krietenstein, B. 89661
Hulsmann, T., Meyer, H., Nichols, R.J. Scanning force microscopy investigations of photoresists 63505
Hulst, N.F.van *see* van Hulst, N.F.
Hult, B.M. *see* Persson, L. 114987
Hult, M. *see* Persson, L. 105730
Hultin, M., Stavrand, H. Development of an integrated RF front end 78584
Hultman, L. *see* Fornander, H. 61217
Hultman, L. *see* Radamson, H.H. 114696
Hultquist, S. *see* Krupczak, B. 77851
Hultqvist, K., Jacobsson, R., Johansson, K.E. Using a neural network in the search for the standard model Higgs boson 90195
Hultqvist, S. *see* Ringbom, A. 69874
Hultqvist, S. *see* Ringbom, A. 80134
Hulvey, M.D. *see* Soyuer, M. 73804
Hulyalkar, S.N. *see* Bryan, D.A. 99771
Hulyalkar, S.N. *see* Rysdale, L. 99721
Hulzebosch, A.A. *see* Timmermans, A.J.M. 77236
Hum, B.T. *see* Cushing, M.J. 80744
Humbach, O., Fabian, H., Grzesik, U., Haken, U., Heitmann, W. Analysis of OH absorption bands in synthetic silica 116053
Humbert, G. *see* Marcouille, O. 96567
Humbert, G. *see* Ortega, J.M. 107394
Humbert, J. *see* Gorski, A. 89792
Humbert, L. *see* Dai, M. 98326
Humbert, P. *see* Lefakis, H. 64387
Humbert, W.R., Scott, W.R., Jr. A new technique for measuring the permittivity and loss tangent of cylindrical dielectric rods 79652
Humblet, P.A., Hethuin, S., Ramel, L. A multiaccess protocol for high-speed WLAN 109094
Humblet, P.A. *see* Barry, R.A. 78726
Humblet, P.A. *see* Knopp, R. 98419
Humblet, P.A. *see* Li, P.C. 78741
Hume, A., Thanisch, P. Microcalcification detection for mass screening programmes 80326
Hume, J.N.P. *see* Yiu Kwok Tham 87402
Humer, H., Rotzer, H. Measurement and informational methods for environmental protection 90837
Humihiko Yoshiba *see* Yoshiba Humihiko
Humin Yang *see* Yang Humin
Huml-Dimitrijevic, M. *see* Hebel, Z. 111553
Humlicek, J., Henn, R., Cardona, M. Far-infrared ellipsometry of depleted surface layer in heavily doped n-type GaAs 114640
Humm, P.G. *see* Fink, C.L. 80136
Humm, P.G. *see* Fink, C.L. 100995
Humme, D.H. *see* Singer, R. 112625
Hummel, M. *see* Proske, D. 102921
Hummel, R. *see* Gencer, N.G. 110857
Hummel, R. *see* Liu, T.-L. 67265
Hummel, R.E., Ludwig, M.H. Spark-processing–A novel technique to prepare light-emitting, nanocrystalline silicon 83788
Hummel, R.E. *see* Ludwig, M.H. 114936
Hummelgen, I.A., Roman, L.S., Nart, F.C., Peres, L.O., de Sa, E.L. Polymer and polymer/metal interface characterization via Fowler-Nordheim tunneling measurements 74504
Hummelgen, I.A., Yadava, Y.P., Roman, L.S., Arias, A.C., Fernandes, M.R., Nart, F.C. Tin oxide as a transparent electrode material for light-emitting diodes fabricated with poly (p-phenylene vinylene) 64969
Hummelgen, I.A. *see* Roman, L.S. 96041
Hummels, D.M., Mcdonald, J.J., II., Irons, F.H. Distortion compensation for time-interleaved analog to digital converters 110056
Hummels, D.M. *see* Irons, F.H. 68998
Hummels, D.M. *see* Irons, F.H. 110057
Hummelsheim, H., Hauptmann, B., Neumann, S. Influence of physiotherapeutic facilitation techniques on motor evoked potentials in centrally paretic hand extensor muscles 80417
Hummer, K. *see* Moser, H.O. 79772
Humpherys, B. *see* Rice, M. 109587
Humphrey, B. Safeguarding electronic position sensors with vacuum deposited parylene conformal coating 119614
Humphrey, C.H. *see* Beeler, C.J. 90795
Humphrey, C.H. *see* Stair, A.T., Jr. 90796
Humphrey, D. *see* Hamm, R.A. 103942
Humphrey, D.A. *see* Lee, T.-H. 83369
Humphrey, D.A. *see* Mehdi, I. 83368
Humphrey, D.A. *see* Montgomery, R.K. 93888
Humphrey, D.E.J., Fusco, V.F. Capacitively coupled oscillator array behaviour 73149
Humphrey, D.E.J., Sancheti, S., Fusco, V.F. Nonlinear active antenna array dynamics and load analysis 66121

Humphrey, F.B. *see* Redjdal, M. 84799
Humphrey, F.B. *see* Yano, N. 115549
Humphrey, J. *see* Udrea, F. 105492
Humphrey, L.M., Minh DoVan, Ravin, C.E. Network infrastructure for a large radiology environment 109047
Humphreys, C.J. *see* Brown, P.D. 94481
Humphreys, C.J. *see* Chen, G.S. 84254
Humphreys, R.G. *see* Keene, M.N. 75350
Humphries, D., Akre, J., Hoyer, E., Marks, S., Minamihara, Y., Pipersky, P., Plate, D., Schlueter, R. Design of end magnetic structures for the Advanced Light Source wigglers 100456
Humphries, D. *see* Hoyer, E. 100455
Humphries, D. *see* Marks, S. 100441
Humphries, J., Harrison, J.A., Spencer, J.W., Jones, G.R. Online compensation and calibration of a chromatically addressed, photoelastic strain sensor with optical fibre transmission 69204
Humphries, M.E. *see* Roberts, G. 90696
Humphries, P. *see* Tsai, C. 63624
Humphries, R. *see* Stein, S.J. 91940
Humphries, S., Jr. Numerical modeling of space-charge-limited charged-particle emission on a conformal triangular mesh 62567
Hun Choi Jeong *see* Jeong Hun Choi
Hun Chung Chae *see* Chae Hun Chung
Hun Hong Dug *see* Dug Hun Hong
Hun Kang *see* Sun Kang 118725
Hun Kang Jie *see* Jie Hun Kang
Hun Kuk, Do Sang Kim Nonlinear programming with Hanson-Mond classes of functions 103677
Hun Lee *see* Chang Soon Kang 118866
Hun Lee *see* Kim, S.R. 119000
Hun Lee Gi *see* Gi Hun Lee
Hun Sung Sang *see* Sang Hun Sung
Hun-Bum Ha *see* Seung-Jong Park 118960
Hun-Hsien Chang *see* Ming-Dou Ker 84576
Hun-Hsien Chang *see* Ming-Dou Ker 95189
Hun-Sub Park *see* Hoon-Soo Park 82937
Hunag Kuo-Tai *see* Lu Chung-Chin 111603
Hund, T.D. *see* Schubert, W.K. 103005
Hundhausen, M. The moving-photocarrier-grating technique for the determination of transport parameters in thin film semiconductors 94380
Hundhausen, M., Ley, L., Witt, C. Influence of space charges on the resonant photoconductor employing a moving laser induced grating 106976
Hundhausen, M., Nagy, A., Ley, L. High field transport in the inversion layer of amorphous silicon thin film transistors 94972
Hundhausen, M. *see* Stockel, R. 72921
Hundhausen, M. *see* Strauss, J. 95799
Hundhausen, M. *see* Teuschler, T. 63411
Hundiwal, A.K. *see* Singh, H. 97948
Hundt, M. *see* Zhou, T. 103440
Hung, C.-P. *see* Su, Yu.T. 99108
Hung, C.P. *see* Su, Y.T. 108802
Hung, D. *see* Lancaster, M.J. 93696
Hung, D.C.D., Ching-Yu Huang A model for detecting singular points of a fingerprint 117618
Hung, E.K.L. Computation of the coupling matrix among the elements of an array antenna 66165
Hung, E.K.L. Estimation of array element gains and phases in the presence of specular multipath 68578
Hung, H.-L., Liao, H.-Y.M., Lin, S.-J., Lin, W.-C., Fan, K.-C. Cascade fuzzy ART: a new extensible database for model-based object recognition 86915
Hung, J.-C. *see* Wu, T.-F. 71889
Hung, J.Y., Nelms, R.M., Xia, F., Story, M. Three-mode variable structure control for a pulse-density modulated current feedback amplifier 71516
Hung, J.Y. *see* Cho, C.P. 71371
Hung, K.M., Gutierrez-Castrejon, R., Hall, T.J. Multibeamlet competition in a unidirectional photorefractive ring oscillator using a computer generated hologram 96780
Hung, K.M. *see* Gutierrez-Castrejon, R. 85687
Hung, K.S., Curtis, K.M., Orton, J.W. Optoelectronic implementation of a multifunction cellular neural network 96065
Hung, L.-S. Hetero-epitaxial structures of $LiTaO_3$ thin films 92764
Hung, M.-C. *see* Fang, W.-H. 97859
Hung, N.D., Segawa, Y., Meyer, Y.H., Long, P., Hai, L.H. A time-compensated spectral filter for transform-limited tunable picosecond pulse generation from spectro-temporal-selection dye lasers 65055
Hung, R., Dommel, H.W. Synchronous machine models for simulation of induction motor transients 71934
Hung, S.-L. *see* Lee, C.S.-V. 117938
Hung, W.H. *see* Simpson, W.C. 94325
Hung, Y.S. *see* Ho, H.T. 87039
Hung Aina *see* Aina Hung
Hung Chang Lin *see* Ming-Huei Shieh 83113
Hung Chih-Cheng *see* Chih-Cheng Hung
Hung Chih-Chien *see* Chih-Chien Hung
Hung Chun-Nan *see* Chun-Nan Hung
Hung Chung-Chih *see* Chung-Chih Hung
Hung Lyan Chin *see* Chin Hung Lyan
Hung Nguyen Dai *see* Nguyen Dai Hung
Hung Pai-Ning *see* Pai-Ning Hung
Hung Ru-J. *see* Ru-J. Hung
Hung Shao-Pin *see* Shao-Pin Hung
Hung Shoren-Chien *see* Shoren-Chien Hung
Hung Tat Tsui *see* Tsui Hung Tat
Hung Y. David Yang Characteristics of switchable ferrite microstrip antennas 97311
Hung Yi-Feng *see* Yi-Feng Hung
Hung Yi-Ping *see* Yi-Ping Hung
Hung-Chi Chu *see* Yo-Ping Huang 117840
Hung-Chin Huang *see* Huang Hung-Chin
Hung-Chun Chang, Ting-Huei Lin Modelling of optical fibre couplers with weakly fused asymmetrical cross-sections based on superposition of normal modes 116041
Hung-Hseng Hsu *see* Bing-Fei Wu 86207
Hung-Hsin Chang, Hong Yan Skeletonization of binary digital patterns using a fast Euclidean distance transformation 77101
Hung-Jen Chu, Jer-Guang Hsieh, Kuo-Hsien Hsia, Li-Wen Chen Fuzzy differential game of guarding a movable territory 60809
Hung-Jen Li, Li-Feng Young Application of EMTP on protective relaying system 81136
Hung-Ju Lee, Jyh-Charn Liu Real-time guaranteed video transport for video-on-demand systems 99740
Hung-Ju Lee, Jyh-Charn Liu, Chan, A.K., Chui, C. An error concealment algorithm for wavelet-coded images over packet-switched networks 87900
Hung-Keng Pung *see* Lek-Heng Ngoh 98845
Hung-Lung Chao *see* Shih-Chu Huang 79512
Hung-Min Sun, Shiuh-Pyng Shieh Cryptanalysis of private-key encryption schemes based on burst-error-correcting codes 76746
Hung-Pin Chiu *see* Din-Chang Tseng 108670
Hung-Sheng Chen, Chih Sieh Teng, Ji Zhao, Moberly, L., Chin-Miin Shyu, Bergemont, A. A CMOS process for mixed mode signal design 106231
Hung-Sheng Chen, Ji Zhao, Chih Sieh Teng, Len Yi Leu AIDE (Angle-Implanted Drain and Emitter): A BiCMOS technology module for mixed-signal applications 63968
Hung-Sheng Chen *see* Ji Zhao 63946
Hung-Sing Liu *see* Jenn-Fang Chen 83860
Hung-Ta Pai *see* Wehnes, J.C. 77433
Hung-Tat Tsui *see* Shang-Hua Wang 87257
Hung-Tat Tsui *see* Shang-Hua Wang 98006
Hung-Tat Tsui *see* Xiao-Di Li 97940
Hung-tat Tsui *see* Ying-li Tian 87027
Hung-Tser Lin, Yao-Huang Kao A predistortion technique for multichannel AM-VSB lightwave CATV systems 68446
Hung-Wei Chen, Jiin-Chuan Wu, Gwo-Sheng Huang, Ji-Chien Lee, Shin-Shi Chang A new VLSI architecture of Reed Solomon decoder with erasure function 76769
Hung-Yan Chen *see* Ching-Hsing Luo 120333
Hung-Yeop Sung *see* Hyun Meen Jung 118690
Hung-Yih Wang *see* Yao-Huang Kao 104818
Hung-Yuan Kuo *see* Tsai-Hsiang Chen 81968
Hunger, A. Test and validation of switching functions in ATM-systems 99013
Hunger, A., Papathanasiou, A. Acceleration of simulation time by hierarchical modelling 61529
Hunger, A., Papathanasiou, A. Partial fault dictionary: a new approach for computer-aided fault localization 106119
Hunger, G.L., Chatterjee, A. International network planning in a changing environment 87502
Hungerford, E.V. *see* Chen, Y.K. 69865
Hungerford, E.V., III *see* Szymanski, J.J. 110589
Hunklinger, S. *see* Becker, H. 84746
Hunklinger, S. *see* Von Schickfus, M. 106460
Hunn, D. *see* Redfern, M.A. 111877
Hunn, H. Quality management at Telecom PTT 118190
Hunneman, R., Hawkins, G. Infrared filters and dichroics for the advanced along-track scanning radiometer 120680
Hunninghake, J., Stroder, M., Mayo, J., Brand, G., Hays, E. A systems approach to color filters for flat-panel displays 100199
Hunsperger, R.G. *see* Gao, W. 92744
Hunsub Park *see* Boeun Kim 115347
Hunt, A. *see* Engel, J.J. 115326
Hunt, A. *see* Kirk, R. 68934
Hunt, A.J. Improving speech understanding through integration of prosody and syntax 76845
Hunt, A.W. *see* Riege, S.P. 115019
Hunt, B. *see* Tang, L. 91153
Hunt, B.D., Forrester, M.G., Talvacchio, J., McCambridge, J.D., Young, R.M. High T_c superconductor/normal-metal/superconductor edge junctions and SQUIDS with integrated groundplanes 75354
Hunt, C. Intercomparison results of a gold plated nickel solderability reference standard 83618
Hunt, C. *see* Malinowski, M.E. 74019
Hunt, C.B. High-resolution post-production: Evolution in the video compositing suite 68860
Hunt, C.E., Kesling, W.D. Field penetration, electron supply and effective work function in semiconductor field-emission cathodes 74020
Hunt, C.E. *see* Booth, D.E. 63199
Hunt, C.E. *see* Trujillo, J.T. 73988
Hunt, D., Kennedy, K., Stevens, T. Design of the PEP-II low energy ring vacuum system 100429
Hunt, D.O. *see* Sturges, R.H. 72206
Hunt, G. *see* Miller, N.W. 121414
Hunt, J. *see* McGuire, J. 112778
Hunt, K.J., Cesky, T., Jeacock, T., Magele, M., O'Leary, T., Petke, G. The CEPT T-DAB Planning Meeting - Wiesbaden, July 1995 79131
Hunt, M.A., Hicks, J.S., Gleason, S.S. Part identification using robust feature extraction and pattern classifications 67347
Hunt, M.J. *see* Atal, B.S. 76869
Hunt, N.E.J. *see* Schubert, E.F. 85309
Hunt, R. ATM–protocols and architecture 108837
Hunt, R. Frame relay: Protocols, architecture, operation and performance 118464
Hunt, R.W.G. Viewing parameters affecting self-luminous, reflection and transmissive colours 79633
Hunt, S. A nonlinear adaptive predictor for speech compression 108213
Hunt, S., Shuttleworth, G. Unlocking the grid [electricity industry restructuring] 90985
Hunt, W.D. *see* Cameron, T.P. 106441
Hunt, W.D. *see* Irby, J.H. 106454
Hunt, W.D. *see* Sleva, M.Z. 90374
Hunt, W.D. *see* Woodberry, M.E. 106450
Hunter, A. Connectionist median filtering networks 77208
Hunter, A.G., Morgan, O.W. Farm applications for wind energy–a systems model 103197
Hunter, D.B., Minasian, R.A., Krug, P.A. Tunable fibre optic transversal filters using chirped fibre Bragg gratings 75669
Hunter, G. *see* Jeffers, S. 97130
Hunter, G.W., Neudeck, P.G., Liang-Yu Chen, Knight, D., Liu, C.C., Wu, Q.H. Silicon carbide-based detection of hydrogen and hydrocarbons 110273
Hunter, I.A. *see* Setarehdan, S.K. 70005
Hunter, I.W. *see* Charette, P.G. 97866
Hunter, I.W. *see* Madden, J.D. 64015
Hunter, J. *see* Andry, P.S. 82642
Hunter, J.D. *see* Stubenrauch, C.F. 108058
Hunter, S. *see* Rindos, A. 109141
Hunter, S.D. *see* Cuddapah, R. 101028
Hunter, S.W., Fricks, R.M. The effects of LAN-like input traffic on a switch access node 109067
Hunter, W.R. A failure rate based methodology for determining the maximum operating gate electric field, comprehending defect density and burn-in 95125
Hunter, W.R. *see* Kowalski, M.P. 85730
Huntington, S.T. *see* Roberts, A. 95723
Huntley, L. The telecommunications revolution: a survivor's guide 108901
Huntley, R.B. *see* Boas, J.F. 88903
Hunziker, G. *see* Paiella, R. 65511
Hunziker, S., Baechtold, W. Simple model for fundamental intermodulation analysis of RF amplifiers and links 107952
Hunziker, W., Vogt, W., Melchior, H., Germann, R., Harder, C. Low cost packaging of semiconductor laser arrays using passive self-aligned flip-chip technique on Si motherboard 119214
Hunziker, W. *see* Lai, Q. 95766
Hunziker, W. *see* Lai, Q. 116065
Hunziker, W. *see* Masetti, F. 78317
Huo, D.Tai-Chan *see* Tai-Chan Huo, D.
Huo, D.T.C. *see* Kakuhara, Y. 63481
Huo Di *see* Di Huo
Huo Yongzhong *see* Yongzhong Huo
Huopaniemi, J. *see* Valimaki, V. 79198
Huosheng Sun, Wei-Pai Tang An overdetermined Schwarz alternating method 92611
Huot, J. *see* Akiba, E. 71655
Huovelin, J. *see* Tikkanen, T. 120245
Huoy-Yu Liou, Lin, T.-T.Y., Chung-Kuan Cheng Area efficient pipelined pseudo-exhaustive testing with retiming 83023
Hupfauer, H., Schegner, P., Simon, R. Distance protection of unsymmetrical lines 70965
Huq, S.E. *see* Boswell, E.C. 73928
Huq, S.E. *see* Boswell, E.C. 83696
Huq, S.S. Biomedical engineering education 120254
Hur, I.-B. *see* Kim, K.-Y. 115072
Hur, K.Y., Hetzler, K.T., McTaggart, R.A., Vye, D.W., Lemonias, P.J., Hoke, W.E. Ultralinear double pulse doped AlInAs/GaInAs/InP HEMTs 93787
Hur, Y., Szygenda, S.A. A simulation tool for design error models utilizing error compression and sampling 61551
Hur Chang-Hoi *see* Chang-Hoi Hur
Hur Yong-Min *see* Yong-Min Hur
Hur Youngmin *see* Youngmin Hur
Huran, J., Hrubcin, L., Kobzev, A.P., Liday, J. Properties of amorphous silicon carbide films prepared by PECVD 113504
Hurd, C.M., McKinnon, W.R. Modeling a back-gated GaAs metal-semiconductor–metal photodetector 119673
Hurd, M., Datta, S., Bagwell, P.F. Current-voltage relation for asymmetric ballistic superconducting junctions 115925
Hurd, T.Q. *see* Rotondaro, A.L.P. 114589
Hurdubetiu, S. *see* Conecini, I. 102199
Hurely, C. *see* Schmitt, G. *(editor)* 71982
Huret, F. *see* Delplanque, Y. 65943
Hurink, J. Polygon scheduling 103671
Hurkens, S. *see* van Damme, E. 103576
Hurkmans, C., Knoos, T., Nilsson, P. Dosimetric verification of open asymmetric photon fields calculated with a treatment planning system based on dose-to-energy-fluence concepts 101447
Hurkx, F. *see* van der Wel, W. 84323

Hurkx, G.A.M., Baltus, P.G.M., de Boet, J.A.M., Geelen, J.A.M., Hageraats, J.J.E.M. The pn-junction as an inductive design component in silicon IC processes 63855
Hurkx, G.A.M. *see* Huisman, F.R.J. 84301
Hurley, J.D., Meger, R.A., Jenkins, D.J., Myers, M.C. Experimental investigations of plasma armatures in railgun launchers 65742
Hurley, P. *see* Duane, R. 115367
Hurley, P. *see* Kalnitsky, A. 84231
Hurley, P. *see* Xiao-Jie Yuan 63663
Hurley, P.K., Sheehan, E., Moran, S., Mathewson, A. The impact of oxide degradation on the low frequency (1/f) noise behaviour of p channel MOSFETs 115219
Hurley, P.K. *see* Moran, S. 114893
Hurley, R. A new Super-16 mm telecine alignment film 109953
Hurley, R.T., Soon Aun Yeap File migration and file replication: a symbiotic relationship 87761
Hurley, S. *see* Castelino, D.J. 88795
Hurley, T.R. Evolution of the digital set top box 119392
Hurley, W.G. *see* Breslin, J.G. 83562
Hurley, W.G. *see* Collins, M.P. 91083
Hurley, W.G. *see* Mannion, L.G. 102837
Hurm, V., Benz, W., Berroth, M., Bronner, W., Fink, T., Haupt, M., Kohler, K., Ludwig, M., Raynor, B., Rosenzweig, J. 10 Gbit/s long wavelength monolithic integrated optoelectronic receiver grown on GaAs 109629
Hurm, V. *see* Bronner, N. 64991
Hurm, V. *see* Lao, Z. 104353
Hurn, M., Jennison, C. An extension of Geman and Reynolds' approach to constrained restoration and the recovery of discontinuities 77379
Hurn, M.A. *see* Mardia, K.V. 110706
Hurn, T. *see* Jongen, Y. 101424
Hurrell, A. The reconstruction of transducer vibration patterns from the amplitude distribution of the radiated pressure field alone 101590
Hurrell, A., Blakey, J.R. The application of phase recovery techniques to the determination of transducer source distributions 101591
Hurrell, E. *see* Colomb, F.R. 79107
Hurst, D. Training and certification of personnel for work in potentially explosive atmospheres 60530
Hurst, F.W. *see* Lin, D.F. 70247
Hurst, J.P., Kanopoulos, N. Flip-flop sharing in standard scan path to enhance delay fault testing of sequential circuits 61777
Hurst, K.D., Habetler, T.G. A self-tuning thermal protection scheme for induction machines 121968
Hurst, P.J. *see* Brown, J.E.C. 104716
Hurst, P.J. *see* Burmas, T.V. 61972
Hurst, P.J. *see* Kajley, R.S. 104721
Hurst, P.J. *see* Roo, P. 73582
Hurst, P.J. *see* Zeng, R.W. 104403
Hurt, J. *see* McKenzie, B.K. 92055
Hurt, L. DFM for test and the customer. II 62448
Hurt, L. Ambient vs inert wave soldering for PCB assembly 83608
Hurt, M. *see* Peatman, W.C.B. 63781
Hurt, M. *see* Peatman, W.C.B. 84479
Hurt, M. *see* Ytterdal, T. 63757
Hurtado, F.J., Sanchis, E., Carrasco, J.A. Novel harmonic reduction and unity power factor DC/AC conditioning technique for renewable energies applications 91651
Hurtado, F.J. *see* Navarro, A.E. 120630
Hurtaud, Y. *see* Khenchaf, A. 120827
Hurton, C.J. *see* Kassakian, J.G. 103145
Hurtz, G. *see* Bhattacharya, U. 93853
Hurwitz, A. *see* Telfeyan, R. 60574
Hurwood, W. *see* Aspnes, J. 98482
Hurych, Z. *see* Huttel, Y. 83979
Husain, I. Indirect rotor-position estimation techniques for switched reluctance motors–a review 121960
Husain, I. *see* Mir, S. 71761
Husain, I. *see* Oppenheimer, M. 121699
Husain, M. *see* Khan, Z.H. 105202
Husain, S.S., Marocchi, J.A. Intelligent network: a key platform for PCS interworking and interoperability 109458
Husbands, C.R., Devine, J.F. Wideband analog signal transmission in all-optical networks 88489
Huse, S.M., Meliksetian, D.S., Chen, C.Y.R. Prediction-based routing for cell-switched networks 109059
Husek, I. *see* Kovac, P. 75338
Husek, I. *see* Kovac, P. 106669
Huseman, J.M. Servicing surface-mount technology circuit boards 60555
Huseman, J.M. Testing large solid-state devices 82164
Hush, D.R. *see* Fogler, R.J. 79000
Husimi, K. *see* Kuwata, M. 90205
Husimi, K. *see* Kuwata, M. 100925
Husinsky, W., Betz, G. Fundamental aspects of SNMS for thin film characterization: experimental studies and computer simulations 60815
Huson, M.L. *see* Sen, A. 88108
Husoy, J.H. *see* Randen, T. 86503
Husoy, J.Hakon *see* Hakon Husoy, J.
Huss, R.E. Passive situation awareness: a case study 70617
Hussain, A., Elmirghani, J.M.H., Cryan, R.A. Sensitivity evaluation of EDFA PPM systems under chromatic dispersion 116955
Hussain, A. *see* Albright, R.E. 117745
Hussain, B., Beck, C.E., Wiedman, T.E., Sufana, C.R. Transmission system protection: a reliability study 121229
Hussain, B., Behera, A.K., Beck, C.E., Alsammarae, A.J. Impact of power conditioning on the life of nuclear plant auxiliary system equipment 91268
Hussain, B., Behera, A.K., Beck, C.E., Alsammarae, A.J. Life cycle management of auxiliary systems by power conditioning 102402
Hussain, I., Reed, T.R. Segmentation-based compression of mixed still images 87214
Hussain, M.F. *see* Al-Sultan, K.S. 60837
Hussain, S., Al-Ahmad, H. Analysis of a velocity processor for ultrawideband radars with zero DC pulses 99642
Hussain, S.T., Smith, R.E., Wood, R.F.M., Bland, M. Observer variability in volumetric blood flow measurements in leg arteries using duplex ultrasound 69979
Hussain, T.M. *see* Saleh, M. 117992
Hussein, A.M. *see* Motoyama, H. 85789
Hussein, E.M.A. *see* Abdelbaky, M.E.A. 69811
Hussein, K. *see* Agarwal, A. 108715
Hussein, K. *see* Pena-Mora, F. 87872
Hussein, M., Sebak, A. FDTD applications to electromagnetic interference and shielding 76500
Hussein, M., Sebak, A. Application of the finite-difference time-domain method to the analysis of mobile antennas 97315
Hussein, M.Z. *see* Zainal, Z. 94438
Hussein, Z.A., Rahmat-Samii, Y. On the accurate calibration of the SeaWinds radar antenna: a cylindrical near-field measurement approach 111209
Hussell, C.P., Ramaswarny, R.V. High reflectance DBR gratings in $LiNbO_3$ channel waveguides for WDM applications 64786
Hussen, H.B. *see* Malik, A.Q. 91767
Hussin, Y.A., Shaker, S.R. Optical and radar satellite image fusion techniques and their applications in monitoring natural resources and land use changes 68637
Hussmann, H. *see* Plenge, C. 99176
Husson, D. *see* Gamache, C. 96175
Husson, L., Dany, J.-C. A new method for reducing the power consumption of portable handsets in TDMA mobile systems: conditional equalization 78471
Husson, R. *see* Taktak, R. 86618
Hustache, R. *see* Dehning, B. 79949
Huston, A.L., Justus, B.L., Johnson, T.L. Fiber-optic-coupled, laser heated thermoluminescence dosimeter for remote radiation sensing 80527
Huston, D.R. *see* Fuhr, P.L. 79450
Huston, E.L. *see* Tryk, D.A. 71674
Huston, M.A. *see* Hutchinson, D.P. 69137
Hutchby, J.A. *see* Venkatasubramanian, R. 112379
Hutchcraft, W.E., Gordon, R.K. The use of Richardson extrapolation to reduce the truncation error in the finite difference solution of one and two dimensional electrostatics problems 60912
Hutchcraft, W.E., Gordon, R.K. Reduction of truncation error using Richardson extrapolation in the finite difference and finite element analysis of one dimensional electrostatics problems 96930
Hutching, R.C., Hemmady, S. How to write Awk and Perl scripts to enable your EDA tools to work together 82864
Hutchings, C. *see* Holebrook, S. 119115
Hutchings, D.C. *see* Hamilton, C.J. 74387
Hutchings, J.L., Gilson, K.L. High-performance digital signal processing using reconfigurable FPGA logic 93420
Hutchings, K.M. *see* Bird, J.P. 62928
Hutchings, W.G. *see* Diaz-Garcia, M.A. 76250
Hutchins, C.L. Safe and reliable removal/replacement of grid array packages 103466
Hutchins, D.A., Bashford, A.G., Wright, W.M.D., Schindel, D.W. Advances in wide bandwidth air-coupled capacitance transducers 111385
Hutchins, D.A. *see* Bashford, A.G. 101599
Hutchins, D.A. *see* Schindel, D.W. 104245
Hutchins, D.A. *see* Scudder, L.P. 104203
Hutchins, D.A. *see* Wright, W.M.D. 101626
Hutchins, J.W., Parameshwaran, B., Skromme, B.J., Smith, D.J., Sivananthan, S. Optical characterization of ZnMnSSe quaternary alloys for visible light emitting devices 74159
Hutchins, J.W. *see* Tsen, S.C.Y. 74161
Hutchins, M.A. Twenty-first century calibration 68966
Hutchins, M.G. *see* Orel, Z.C. 75674
Hutchinson, A.L. *see* Capasso, F. 65210
Hutchinson, A.L. *see* Faist, J. 75981
Hutchinson, A.L. *see* Faist, J. 85460
Hutchinson, A.L. *see* Faist, J. 96258
Hutchinson, A.L. *see* Sirtori, C. 65257
Hutchinson, A.L. *see* Sirtori, C. 85461
Hutchinson, C., Frank, M., Negus, K. Silicon bipolar 12 GHz downconverter for satellite receivers 68843
Hutchinson, C.E. *see* Solloway, S. 70028
Hutchinson, C.H., Troy, T.L., Sevick-Muraca, E.M. Fluorescence-lifetime determination in tissues or other scattering media from measurement of excitation and emission kinetics 70007
Hutchinson, D.P., Simpson, M.L., Bennett, C.A., Richards, R.K., Emery, M.S., Crutcher, R.I., Sitter, D.N., Jr., Wachter, E.A., Huston, M.A. Coherent infrared imaging camera (CIRIC) 69137
Hutchinson, D.P. *see* Frank, S.S. 100939
Hutchinson, E.B., Buchanon, M.T., Hynynen, K. Design and optimization of an aperiodic ultrasound phased array for intracavitary prostate thermal therapies 80458
Hutchinson, I.H. *see* Visosky, M.M. 105001
Hutchinson, J., Melaku, Y., Nguyen, W., Das, S. TSI process performance in a transformer coupled plasma dry develop tool 105791
Hutchinson, J.A. *see* Wright, A.O. 65143
Hutchinson, J.M.R. *see* Colle, R. 80513
Hutchinson, M.H.R. *see* Ditmire, T. 107514
Hutchinson, M.H.R. *see* Fraser, D.J. 65163
Hutchinson, N. *see* Neufeld, G. 87992
Hutchinson, N. *see* Neufeld, G. 119406
Hutchinson, S., Stephens, J., Carr, M., Kelly, M.J. Implant isolation scheme for current confinement in graded-gap Gunn diodes 62234
Hutchinson, S. *see* Bishop, B. 108680
Hutchinson, S. *see* Reed, J.M. 60692
Hutchinson, T.F. Automation of the ANSI C119.4-1991 connector test 121218
Hutchison, A., Kaiserswerth, M., Moser, M., Schade, A. Electronic data interchange for health care 90561
Hutchison, D. *see* Ball, F. 77936
Hutchison, D. *see* Campbell, A. 118593
Hutchison, D. *see* Garcia, F. 98897
Hutchison, D. *see* Robin, P. 118588
Hutchison, D. *see* Yeadon, N. 78210
Hutchison, D. *see* Yeadon, N. 87921
Hutchison, D. *see* Yeadon, N. 109205
Hutchison, J.L. *see* Golan, Y. 62903
Hutchison, J.L. *see* Golan, Y. 114789
Huterer, M. *see* Ambrosoli, L. 118246
Hutfless, J. *see* Geiger, M. 116597
Huth, C. *see* Heinrich, F. 79610
Huth, C. *see* Heinrich, F. 89278
Huth, J. *see* Zimmermann, S. 79258
Huth, J. *see* Zimmermann, S. 100857
Huthoff, C. *see* Foth, H.-J. 80199
Hutschenreuther, T. *see* Hess, R. 78181
Hutschenreuther, T. *see* Hess, R. 118528
Hutson, R. *see* Wang, T. 89991
Hutson, R.L. *see* Chan, K.C.D. 89690
Hutt, G., Jaek, I. Optically stimulated luminescence materials based on CaS for γ and fast neutron dosimetry 101465
Hutt, G. *see* Meijvogel, K. 110960
Huttel, E. *see* Gialanella, L. 100639
Huttel, E. *see* Moser, H.O. 79772
Huttel, Y., Soukiassian, P., Mangat, P.S., Hurych, Z. Antimony on metal and semiconductor surfaces: interface formation and passivation 83979
Huttelmaier, S. *see* Glueck, J. 88817
Hutten, A., Handstein, A., Eckert, D., Muller, H.-K., Schultz, L. Giant magnetoresistance in pseudo-binary bulk alloys 115642
Hutten, E.K.H. *see* Paulzen, G.M. 84680
Hutten, H., Schreier, G., Kastner, P., Grasser, B., Iberer, F., Tscheliessnigg, K.H. The pacemaker as a bridge to cardiac telemonitoring 110923
Huttenlocher, D.P., Lilien, R.H., Olson, C.F. Object recognition using subspace methods 67263
Hutter, H. *see* Mittermayr, C.R. 117398
Hutter, H. *see* Nilolov, S.G. 117746
Hutter, H. *see* Spicka, H. 72931
Hutter, L. *see* Bayer, E. 63966
Hutter, L.N. *see* Corsi, M. 62050
Hutterer, G. *see* Schieffert, T. 119451
Huttl, B. *see* Velthaus, K.-O. 89343
Huttner, B. *see* Fox, A.M. 76109
Hutton, A. *see* Ursic, R. 100598
Hutton, B.F. *see* Fulton, R.R. 70063
Hutton, M., Grossman, J.P., Rose, J., Corneil, D. Characterization and parameterized random generation of digital circuits 83020
Huttunen, H., Kuosmanen, P., Astola, J. Optimal RASF filtering 76960
Huttunen, H. *see* Koivisto, P. 76957
Huttunen, H. *see* Koivisto, P. 108322
Huttunen, H. *see* Koivisto, P. 117781
Huttunen, J. *see* Fagerholm, J. 106444
Hutzler, B. *see* Deschamps, F. 90626
Huu Bui Tin *see* Bui Tin Huu
Huu Le Tuong *see* Tuong Huu Le
Huu Thanh Nguyen *see* Nguyen Huu Thanh
Huwer, S., Rahmel, J., Wangenheim, A.v. Data-driven registration for local deformations 98221
Huy Linh Anh Le, van Roosmalen, H., Nijhof, J., Prasad, R. Unslotted hybrid CDMA/ISMA protocol for indoor wireless computer communications 78028
Huy Thoa Pham *see* Pham Huy Thoa
Huyart, B., Wiedmann, F., Jallet, L., Bergeault, E., Benelbar, R., Bosisio, R.G. Microwave measurement using Wheatstone's bridges 69465
Huyart, B. *see* Abou Chahine, S. 69003
Huyart, B. *see* Benelbar, R. 114285
Huyart, B. *see* Gasmi, A. 93866
Huyart, B. *see* Hesselbarth, J. 119854
Huyart, B. *see* Maurin, D. 69002
Huyberechts, G. *see* Czech, I. 119758
Huyet, G., Mathis, C., Tredicce, J.R. Dynamics of annular lasers 76082

Huynen, I., Stockbroeckx, B., Verstraeten, G., Vanhoenacker, D., Vander Vorst, A. Planar gyrotropic devices analyzed by using a variational principle 64486
Huynen, I. *see* Vanhoenacker, D. 112771
Huynh, C. *see* Altshuler, K. 115739
Huynh, D. *see* Kosinski, J.A. 106416
Huynh, T. *see* Chowdhury, R. 92278
Huynh, T.V., Lordi, J.V. Simulation of an air defense radio protocol 90880
Huynh, V.C. *see* McKee, W.R. 93387
Huyse, M. Radioactive beam experiments at the ARENAS^3 facility: past, present and future 69629
Huyse, M. *see* Catford, W.N. 69884
Huyse, M. *see* Van Duppen, P. 69686
Hvalica, D. Best first search algorithm in AND/OR graphs with cycles 103644
Hvam, J.M. *see* Birkedal, D. 107558
Hvam, J.M. *see* Birkedal, D. 114728
Hvam, J.M. *see* Erland, J. 62939
Hvam, J.M. *see* Gislason, H. 94498
Hvidsten, S., Ildstad, E., Holmgren, B., Werelius, P. Correlation between AC breakdown strength and low frequency dielectric loss of water tree aged XLPE cables 102168
Hviid Larsen, E. *see* Thomsen, L. 70134
Hvilsted, S. *see* Berg, R.H. 116763
Hvilsted, S. *see* Holme, N.C.R. 75415
Hvilsted, S. *see* Holme, N.C.R. 95637
Hvilsted, S. *see* Nikolova, L. 96772
Hvizd, J.J., Dieffenbach, O.W. APALS™ program status, pre-production flight test results and production implementation 120645
Hvorecky, J. *see* Southworth, J.H. 87544
Hwa Ang Peng *see* Peng Hwa Ang
Hwa Beack Seung *see* Seung Hwa Beack
Hwa Kim Chung *see* Chung Hwa Kim
Hwa Ko Hyung *see* Hyung Hwa Ko
Hwa Lee Jung *see* Jung Hwa Lee
Hwa Seo Chong *see* Chong Hwa Seo
Hwa Sook Shin *see* Kyeong Koo Chi 74552
Hwa-Jong Kim, Won-Young Jeong Communication protocol for virtual cellular network (VCN) 88337
Hwa-Joon Oh *see* Salam, F.M. 104755
Hwa-Ming Twu *see* Jia-Min Shieh 96178
Hwack Joo Lee, Hyun Ryv, Jae-Young Leem, Sam-Kyu Noh Microstructural observation of ZnSe/GaAs grown by molecular beam epitaxy with dual-growth chambers 82608
Hwai-Tsu Hu Noise compensation for linear prediction via orthogonal transformation 97601
Hwai-Zeng Hsu *see* Bae-Heng Tseng 62797
Hwan An Myung *see* Myung Hwan An
Hwan Ban Min *see* Min Hwan Ban
Hwan Cha Kyung *see* Kyung Hwan Cha
Hwan Cho Sung *see* Sung Hwan Cho
Hwan Chung Hoi *see* Hoi Hwan Chung
Hwan Hahm Jin *see* Jin Hwan Hahm
Hwan Jin Choi, Seong Jin Yun, Yung Hwan Oh Isolated words recognition using an acoustic segment model and the relative distance based smoothing 66599
Hwan Kim Sung *see* Sung Hwan Kim
Hwan Kim Young *see* Young Hwan Kim
Hwan Koh Yo *see* Yo Hwan Koh
Hwan Kyu Kim *see* Hyung-Jong Lee 85627
Hwan Lee A study on current sensors 79347
Hwan Lee Bong *see* Bong Hwan Lee
Hwan Oh Ju *see* Ju Hwan Oh
Hwan Oh Jun *see* Jun Hwan Oh
Hwan Oh Myung *see* Myung Hwan Oh
Hwan Oh Yung *see* Yung Hwan Oh
Hwan Ryeo Ji *see* Ji Hwan Ryeo
Hwan-Rei Lee, Chein-Wei Jen, Chi-Min Liu A new hardware-efficient architecture for programmable FIR filters 114093
Hwan-Seong Kim *see* Bong-Hwan Jeon 102708
Hwang, C., Gillick, J., Jenq, C., Hammond, B., Woo, J. Bias dependent hot-carrier reliability and lifetime over a wide temperature range 94977
Hwang, C., Hammond, B., Gillick, J., Woo, J., Jenq, C. Process modification for improved low temperature CMOS performance 95180
Hwang, C., Parsons, B. An optimal procedure for deriving marine gravity from multi-satellite altimetry 90749
Hwang, C. *see* Motamed, A. 73588
Hwang, C. *see* Motamed, A. 113788
Hwang, C.-Y. *see* Yuan, C. 61205
Hwang, C.-Y. *see* Yuan, C. 104063
Hwang, C.C. *see* Huang, S.R. 71030
Hwang, C.C. *see* Lai, W.K. 98784
Hwang, C.G., Lee, S.I., Lee, M.Y. The state of the art and future trends in DRAMs 83114
Hwang, C.J. *see* Yuan-Kuang Tu 119199
Hwang, C.S., Chang, C.H., Hwang, G.J., Uen, T.M., Tseng, P.K. Features of the magnetic field of a rectangular combined function bending magnet 96996
Hwang, C.S., Shuting Yeh, Teng, P.K., Uen, T.M. A highly automatic measurement system for three orthogonal magnetic moments of a permanent magnet block 69455
Hwang, C.S. *see* Chan, C.H. 100443
Hwang, C.Z. *see* Lee, M.K. 61174
Hwang, D. *see* Staffa, J. 63360
Hwang, D.G., Lee, S.S., Lee, K.A., Park, C.M., Kim, M.Y., Choi, K.R., Choi, S.J., Lee, Y.H., Rhee, J.R. Magnetoresistance and morphology in magnetic multilayers by insertion of very thin Fe, Co layers 115623
Hwang, D.H. *see* Park, J.Y. 107014
Hwang, D.K., Ruzyllo, J., Grant, R. Conditioning of silicon surface after RIE using O_2 and NF_3 remote plasma 63355
Hwang, D.K., Torek, K., Ruzyllo, J. Slight etching of silicon to control post-RIE damage 105664
Hwang, D.M. *see* Kapon, E. 63083
Hwang, D.M. *see* Moon-Ho Park 63104
Hwang, E.-J., Lee, J.-H., Kim, S., Na, M.-S., Hwang, S.-Y. Design of a performance enhanced traceback algorithm for the Viterbi decoder 86103
Hwang, E.Y. *see* Kaiser, A.R. 80192
Hwang, F.K., Rothblum, U.G. Directional-quasi-convexity, asymmetric Schur-convexity and optimality of consecutive partitions 113183
Hwang, G.-H., Shen, W.-Z. Fault analysis and automatic test pattern generation for break faults in programmable logic arrays 73258
Hwang, G.J. *see* Chan, C.H. 100443
Hwang, G.J. *see* Hwang, C.S. 96996
Hwang, G.S., Anderson, C.M., Gordon, M.J., Moore, T.A., Minton, T.K., Giapis, K.P. Gas-surface dynamics and profile evolution during etching of silicon 114912
Hwang, H., Nuteson, T.W., Steer, M.B., Mink, J.W., Harvey, J., Paollela, A. Quasi-optical power combining in a dielectric substrate 83521
Hwang, H., Park, K.B. New AFC tracking algorithms for digital DBS receiver 109871
Hwang, H.-J. *see* Choe, J.-W. 74364
Hwang, H.-S., Nuteson, T.W., Steer, M.B., Mink, J.W., Harvey, J., Paolella, A. Two-dimensional quasi-optical power combining system: performance and component design 83342
Hwang, H.H., Kushner, M.J. Regimes of particle trapping in inductively coupled plasma processing reactors 74591
Hwang, H.H., Kushner, M.J. Dust nucleation and growth in reactive ion etching discharges 114956
Hwang, H.L., Hsu, K.Y.J., Ueng, H.Y. Fundamental studies of p-type doping of CdTe 94716
Hwang, H.L., Wang, K.C., Hsu, K.C., Yew, T.-R., Loferski, J.J. Microstructure evolution of hydrogenated silicon thin films 83793
Hwang, H.L. *see* Hsieh, J.T. 63273
Hwang, H.L. *see* Lee, C.H. 94273
Hwang, H.L. *see* Lin, C.C. 63128
Hwang, H.L. *see* Wang, K.C. 61322
Hwang, I.G., Yang, J.U., Park, C.S., Park, H.M., Kim, H.S., Yoon, K.S. Design and fabrication of MMIC VCO for double conversion TV tuner 119425
Hwang, I.J. *see* Stroud, D. 95472
Hwang, J. *see* Huang, J.T. 74111
Hwang, J.-K., Chang, C.-H. CORDIC-based VLSI design of a pipelined coordinate converter 93478
Hwang, J.-K., Ding, Z.-F. An improved coherent signal subspace broadband beamformer 97861
Hwang, J.-N. *see* Chiou, G.I. 97645
Hwang, J.-T. *see* Yang, C.-F. 70977
Hwang, J.C. *see* Chen, C.S. 91070
Hwang, J.C. *see* Chen, C.S. 102328
Hwang, J.C. *see* Cho, M.Y. 80957
Hwang, J.C.M. *see* Wei, C.J. 73695
Hwang, J.C.M. *see* Wei, C.J. 94924
Hwang, J.D., Fang, Y.K., Song, Y.J., Yaung, D.N. High mobility β-SiC epilayer prepared by low-pressure rapid thermal chemical vapor deposition on a (100) silicon substrate 61183
Hwang, J.H. *see* Matsumura, K. 65930
Hwang, J.H. *see* Paik, J.H. 86536
Hwang, J.I. *see* Ho, C.H. 83690
Hwang, J.R., Cheng, H.J., Whitaker, J.F., Rudd, J.V. Modulation bandwidth and noise limit of photoconductive gates 106962
Hwang, J.S. Step-by-step SMT: Solutions for today. III. Solder materials 62463
Hwang, J.S. *see* Chai, J.S. 100809
Hwang, J.S. *see* Inoue, K. 74177
Hwang, J.S. *see* Tyan, S.L. 74344
Hwang, K.W. *see* Yeh, C.S. 106050
Hwang, M.-S. *see* Chang, C.-C. 97436
Hwang, M.S. *see* Lee, C.H. 118913
Hwang, N., Kang, S.-G., Lee, H.-T., Song, M.-K., Pyun, K.-E. Degradation models and lifetime projections of InGaAs/InP MQW-DFB laser diodes for high-speed optical communication systems 107266
Hwang, N.M., Hahn, J.H., Yoon, D.Y. Chemical potential of carbon in the low pressure synthesis of diamond 61336
Hwang, N.M., Hahn, J.H., Yoon, D.Y. Charged cluster model in the low pressure synthesis of diamond 72744
Hwang, N.M., Yoon, D.Y. Thermodynamic approach to the paradox of diamond formation with simultaneous graphite etching in the low pressure synthesis of diamond 61337
Hwang, O.H. *see* Lee, H.S. 93751
Hwang, R.-H. Multicast routing in single rate loss networks based on Markov decision process 98522
Hwang, R.Y. *see* Chen, H.N. 96306
Hwang, S. *see* Gao, C. 115757
Hwang, S.-M., Miyasato, K., Tsutsui, K. Heteroepitaxy of GaAs on a modified CaF_2 surface by an extremely low energy electron beam 113310
Hwang, S.-M. *see* Heston, M.L. 88510
Hwang, S.-M. *see* Huang, S.H. 75624
Hwang, S.-M. *see* Huang, S.H. 99573
Hwang, S.-M. *see* Smith, D.A. 78885
Hwang, S.-M. *see* Zou, X.Y. 78899
Hwang, S.-Y. *see* Chen, P.-C. 86345
Hwang, S.-Y. *see* Choi, I.-S. 83086
Hwang, S.-Y. *see* Hwang, E.-J. 86103
Hwang, S.-Y. *see* Kim, H. 73198
Hwang, S.-Y. *see* Lee, J.-S. 93211
Hwang, S.J. *see* Kim, S.R. 98004
Hwang, S.J. *see* Song, J.J. 96330
Hwang, S.W., Yu, Y.S., Ha, W.I., Kim, T.G., Han, C.K., Park, J.H., Kim, M.S., Kim, E.K., Min, S.K. Fabrication and characterization of modulation-doped-field-effect-transistors with antidot-patterned passivation layers 106085
Hwang, S.W. *see* Yu, Y. 115263
Hwang, T. *see* Lee, N.-Y. 76710
Hwang, T.-S. *see* Lin, B.-R. 71506
Hwang, T.-S. *see* Lin, B.-R. 71789
Hwang, W.-Y., Micovic, M., Miller, D.L., Geva, M. Carbon tetrabromide doping memory effect, incorporation efficiency, and InAlAs/InGaAs heterojunction bipolar transistor application 84347
Hwang, Y., Chow, P.D., Lester, J., Chi, J., Garske, D., Biedenbender, M., Lai, R. Fully-matched, high-efficiency Q-band 1 watt MMIC solid state power amplifier 83449
Hwang, Y., Chow, P.D., Lester, J., Chi, J., Garske, D., Biedenbender, M., Lai, R. Fully-matched, high-efficiency Q-band 1 watt MMIC solid state power amplifier 83472
Hwang, Y. *see* Lester, J.A. 83450
Hwang, Y. *see* Lester, J.A. 83473
Hwang, Y. *see* Zhang, Y.P. 116917
Hwang, Y.-S. *see* Liu, S.-I. 62072
Hwang, Y.G. *see* Seo, Y.H. 103991
Hwang, Y.M. *see* Oh, S.G. 71775
Hwang, Z.W. *see* Lu, W.L. 95181
Hwang Bor Chuan *see* Bor Chuan Hwang
Hwang Chan Sik *see* Chan Sik Hwang
Hwang Chang-Chou *see* Chang-Chou Hwang
Hwang Chang-Won *see* Chang-Won Hwang
Hwang Changku *see* Changku Hwang
Hwang Chi Jung *see* Chi Jung Hwang
Hwang Chi-Hung *see* Chi-Hung Hwang
Hwang Chi-Sun *see* Chi-Sun Hwang
Hwang Chien-Meen *see* Chien-Meen Hwang
Hwang Chyi *see* Chyi Hwang
Hwang Do-Hoon *see* Do-Hoon Hwang
Hwang Don-Ha *see* Don-Ha Hwang
Hwang Hsien-Kuei *see* Hsien-Kuei Hwang
Hwang Huey-Liang *see* Huey-Liang Hwang
Hwang Hyunsang *see* Hyunsang Hwang
Hwang In Kag *see* In Kag Hwang
Hwang In Sun *see* In Sun Hwang
Hwang In-Chul *see* In-Chul Hwang
Hwang In-Ho *see* In-Ho Hwang
Hwang Jae-Ho *see* Jae-Ho Hwang
Hwang Jen-Jyh *see* Jen-Jyh Hwang
Hwang Jenq-Neng *see* Jenq-Neng Hwang
Hwang Jiunn-Ren *see* Jiunn-Ren Hwang
Hwang Jong-Gyu *see* Jong-Gyu Hwang
Hwang Jong-Hee *see* Jong-Hee Hwang
Hwang Jong-Young *see* Jong-Young Hwang
Hwang Jun-Dar *see* Jun-Dar Hwang
Hwang Jung-Hyun *see* Jung-Hyun Hwang
Hwang Kai *see* Kai Hwang
Hwang Ki-Hyun *see* Ki-Hyun Hwang
Hwang Kyu Woong *see* Kyu Woong Hwang
Hwang Kyu-Ho *see* Kyu-Ho Hwang
Hwang Kyu-Woong *see* Kyu-Woong Hwang
Hwang Lain-Chyr *see* Lain-Chyr Hwang
Hwang Ming-Hwei *see* Lu Chung-Chin 111603
Hwang Ming-Jiu *see* Ming-Jiu Hwang
Hwang Nam *see* Nam Hwang
Hwang Ng Boon *see* Ng Boon Hwang
Hwang Ruey-Bing *see* Ruey-Bing Hwang
Hwang Seok Yoon *see* Seok Yoon Hwang
Hwang Seok-Hee *see* Seok-Hee Hwang
Hwang Seon-Ug *see* Seon-Ug Hwang
Hwang Seong Min *see* Seong Min Hwang
Hwang Seong-Min *see* Seong-Min Hwang
Hwang Seung Hoon *see* Seung Hoon Hwang
Hwang Shin-Jia *see* Shin-Jia Hwang
Hwang Shin-Jin *see* Shin-Jin Hwang
Hwang Soon T. *see* Soon T. Hwang
Hwang Sun-Young *see* Sun-Young Hwang
Hwang Sung Min *see* Sung Min Hwang
Hwang Sung-Bum *see* Sung-Bum Hwang
Hwang Sy-Ruen *see* Sy-Ruen Hwang
Hwang Ting Ting *see* Ting Ting Hwang
Hwang TingTing *see* TingTing Hwang
Hwang Wen-Jyi *see* Wen-Jyi Hwang
Hwang Wol-Yon *see* Wol-Yon Hwang
Hwang Yann-Jong *see* Yann-Jong Hwang
Hwang Yean-Yow *see* Yean-Yow Hwang
Hwang Yeong Weon *see* Yeong Weon Hwang
Hwang Yin-Tsung *see* Yin-Tsung Hwang
Hwang Yoo-Sang *see* Yoo-Sang Hwang
Hwang Young-Moon *see* Young-Moon Hwang
Hwang Yun Teak *see* Yun Teak Hwang
Hwang-Gyu Yoon *see* Seung-Ho Ahn 82212
Hwang-Nam Kim *see* Byung-Kyu Choi 118621
Hwang-Seok Oh *see* Baek, Y. 73448
Hwangbo Chang Kwon *see* Chang Kwon Hwangbo
Hwe Ihn Chung, Jae Hoon Yum, Moon Ho Lee A VLSI architecture for high speed subblock motion field estimation 67465
Hwe Yoong Whang *see* Myung Jin Bae 98944

Hweihn Chung *see* Jung-Hyun Hwang 108477
Hwoon Lee Jae *see* Jae Hwoon Lee
Hwu, K.H. *see* Ueng, T.S. 100548
Hwu, R.J. *see* Sadwick, L.P. 74052
Hwu, R.J. *see* Sadwick, L.P. 103930
Hwu, Y. *see* Fanfoni, M. 105441
Hwu Chyanbin *see* Chyanbin Hwu
Hwu Jenn-Gwo *see* Jenn-Gwo Hwu
Hyang-Beom Lee, Do-Wan Kim, Ki-Sik Lee, Il-Han Park Time domain finite element analysis method for the induction motors with skewed rotor bars 102720
Hyang-Beom Lee, Hyun-Kyo Jung, Song-Yop Hahn, Kyung Choi, Hyoung-Joong Kim On the convergence rate improvement of ICCG solver on the FE mesh 92646
Hyang-Beom Lee *see* Hyoung Joong Kim 112609
Hyang-Beom Lee *see* Il-Han Park 71913
Hyang-Beom Lee *see* Il-Han Park 107765
Hyang-Beom Lee *see* Min-Kyu Kim 102717
Hyang-Beom Lee *see* Yangsoo Lee 102722
Hyatt, H.M. ESD effects and measurements 96920
Hybertsen, H.S. *see* Shtengel, G.E. 65198
Hybertsen, M.S., Baraff, G.A., Sputz, S.K., Ackerman, D.A., Shtengel, G.E., Vandenberg, J.M., Lum, R., Reynolds, C.L., Leibovitch, M., Pollak, F.H. Modeling of optical spectra for characterization of multi-quantum well InGaAsP-based lasers 96350
Hybertsen, M.S. *see* Pollak, F.H. 96352
Hybertsen, M.S. *see* Zhang, L.M. 96362
Hybler, T. *see* Jinxing Shen 96949
Hyde, J.M. *see* Cerezo, A. 79563
Hyde, J.R., Kemp, I.J., Nesbitt, A. Artificial neural networks as a tool for partial discharge source recognition 84699
Hyde, S.C.W. *see* Jones, R. 107627
Hyde, T. It's all change in condition monitoring 68974
Hyde, T.A. *see* Branagan, D.J. 106628
Hyden, E., Trotter, J., Krzyzanowski, P., Srivastava, M., Agrawal, P. SWAN: an indoor wireless ATM network 67853
Hyden, E. *see* Agrawal, P. 87671
Hyden, E. *see* Leslie, I.M. 109207
Hyden, L. Programming and testing of surface-mounted devices 73890
Hye Rim Kim *see* Beom-Hoan O 116563
Hye Rim Kim *see* Jeong Soo Kim 103891
Hye-Sung Park, Jin-Hyuk Kwon Real-time measurement using a surface profile system 89487
Hye-Young Kim *see* Seon Gyu Han 116108
Hyek Lim Jong *see* Jong Hyek Lim
Hyek-Jae Yu *see* Tae-Won Chun 103127
Hyen Pahk Yong *see* Yong Hyen Pahk
Hyeng-Hwan Chong, Yong-Peel Wang, Byung-Chul An, Kwang-Woo Lee A study on comparative analysis of direct current control in AC-DC interconnected power system 101776
Hyeob Baek Jong *see* Jong Hyeob Baek
Hyeok Han Jae *see* Jae Hyeok Han
Hyeok Kim Jin *see* Jin Hyeok Kim
Hyeok Yang Eui *see* Eui Hyeok Yang
Hyeokjae l'Yee *see* Jung-Suk Goo 63672
Hyeon, J.Y. *see* Dadgar, A. 92784
Hyeon Deok Bae *see* Dong Won Kim 109269
Hyeon Lee Kag *see* Kag Hyeon Lee
Hyeon Soo Kim, Jeoung Ju Lee, Kun Ho Kim, Tae Kyun Im, Choul Sung Yoo, Chi Kyu Choi, Jeong Yong Lee Structural properties of Ge_xSi_{1-x}/Si(100) grown by solid phase epitaxy 61192
Hyeon Soo Park *see* Hyung-Ki Hong 119778
Hyeon-Sik Shin, Jong-Arm Jun, Jae-Geun Kim Design of an ASIC for the ATM layer functions 118739
Hyeon-Soo Ahn, Il-Seok Oh Fast shot detection from video images using large and adaptable skip factors 87021
Hyeon-Soo Kim, Wook-Jun Nam, Geun-Young Yeom, Ho-Jun Lee, Jung-Hoon Kim, Ki-Woong Whang Study of radiation damage and contamination by magnetized inductively coupled plasma etching 84137
Hyeong Ho Lee *see* Byeongdo Kang 117977
Hyeong Joon Kim *see* Kijoon Kim 82726
Hyeong Joon Kim *see* Wook Bahng 104044
Hyeong Joon Kim *see* Yong Eui Lee 92810
Hyeong Jun Park *see* Jin Kyu Choe 109289
Hyeong Kim Jae *see* Jae Hyeong Kim
Hyeong Rae Kim, Kae Dal Kwack An optimum design of buried heterostructure lasers with minimum threshold current using MEDICI 65357
Hyeong-Gyu Lim *see* Yeong-Dae Kim 72240
Hyeong-Ho Lee *see* Ik-Soo Kim 81650
Hyeong-Ho Lee *see* Ki-Ryeung Kimo 78143
Hyeong-Seok Kim *see* Hong-Bae Lee 65960
Hyeong-Seok Kim *see* Seung-Hyun Song 104902
Hyeong-Seok Lim, Jung-Heum Park, Kyung-Yong Chwa Embedding trees in recursive circulants 103617
Hyeong-Sun Hong *see* Jae-Hoon Choi 115205
Hyeongdong Kim, Hao Ling, Chankil Lee A fast moment method algorithm using spectral domain wavelet concepts 116855
Hyeongho Lee *see* Kyunghun Jang 78146
HyeongJu Kim, Joonhyuk Choi, Byungdo Ko Web application based on ATM in Korea 118508
Hyeongseok Kim *see* Juno Kim 65961
Hyeoungkyu Chang *see* Eun-Hyang Lee 118719
Hyeun Bae Lee, Seungwon Choi Antenna array for estimation of direction of arrival utilizing modified minimum eigenvalue searching 97807
Hyeun Tae Lee, Yeong Weon Hwang, Seo Ki Lee, Young Hee Lee A high performance switch architecture for fibre channel 67597
Hyeung Gyu Lee *see* Kyu Bok Lee 83197
Hyland, K., Rao, S. An environmentally friendly manufacturing solution 83624
Hyland, S., McConnell, W., III Are your lifts driving you (and your neighbors) crazy? 71808
Hyle, R.A., Jr. *see* MacDiarmid, P.R. 60720
Hylton, T.L. *see* Borchers, J.A. 64356
Hyman, B. *see* Giraldo, L. 92000
Hynck Cho *see* Sang-Hoon Lee 89753
Hynynen, K. *see* Fjield, T. 101300
Hynynen, K. *see* Hutchinson, E.B. 80458
Hyo Duk Nam *see* Eng Chan Kim 115581
Hyo Gun Kim *see* Dong Do Lee 118030
Hyo Ju Kim *see* Kwan Pyo Hong 109943
Hyo Ryung Kim *see* Seog Tae Han 93732
Hyo Sang Kim, Seung Kwan Kim, Byoung Yoon Kim Few-mode erbium-doped fiber laser using saturable absorber 75843
Hyo Sang Kim, Seung Kwan Kim, Byoung Yoon Kim Longitudinal mode control in few-mode erbium-doped fiber lasers 96147
Hyo Taek Lim, DaeHun Nyang, JooSeok Song Improving the performance of cell-loss recovery in ATM networks 97536
Hyo-Hoon Park *see* Seong-Ju Park 61208
Hyo-Sung Kim, Jae-Ho Choi Input and output filter design of current source PWM converter for high-precision magnet power supply 76358
Hyodo, H., Aoyama, R., Fukuda, T., Obara, Y., Takahashi, Y., Monma, K., Arai, Y. Display of viewing direction of three-dimensional image using a dummy doll 69941
Hyodo, K. *see* Hirota, N. 115996
Hyodo, K. *see* Takeda, T. 69943
Hyodo, M., Carty, T., Sakai, K. Near shot-noise-level relative frequency stabilization of a laser-diode-pumped Nd:YVO_4 microchip laser 107201
Hyodo, M., Tani, M., Matsuura, S., Onodera, N., Sakai, K. Generation of millimetre-wave radiation using a dual-longitudinal-mode microchip laser 96237
Hyodo, T., Miura, N., Yamazoe, N. Gas diffusion-type oxygen electrode using perovskite-type oxides for metal-air batteries 112281
Hyodo, T. *see* Nagai, Y. 120182
Hyodynmaa, S., Gustafsson, A., Brahme, A. Optimization of conformal electron beam therapy using energy- and fluence-modulated beams 80446
Hyogo, A. *see* Takagiwa, T. 113715
Hyoguchi, T. *see* Yamada, H. 113015
Hyojeong Song, Seong Bae Eun, Hyunsoo Yoon A static wormhole routing algorithm exploiting communication characteristics of applications in mesh-connected multicomputers 108886
Hyojoong Kim *see* Changoo Lee 119213
Hyon Tchah Kyun *see* Kyun Hyon Tchah
HyoTaek Lim, JooSeok Song A reliable communication using FEC in ATM networks 109298
Hyouk Lee, Youn Young Earmme A fracture mechanics analysis of the effects of material properties and geometries of components on various types of package cracks 72286
Hyoun Woo Kim *see* Won Jong Yoo 74562
Hyoung Cho Min *see* Min Hyoung Cho
Hyoung Gin Nam *see* Nam-Ihn Cho 74473
Hyoung Hong Dae *see* Dae Hyoung Hong
Hyoung Joong Kim, Hyung Soo Kim Cost-effective parallel processing for remote sensing applications 111089
Hyoung Joong Kim, Hyung Soo Kim, Kyung Choi, Hyang-Beom Lee, Hyun Kyo Jung, Song-Yop Hahn Cost-effective parallel preconditioner for network-based computing [microwave oven EM field calculations] 112609
Hyoung Joong Kim, Kyung Choi, Lee, H.B., Jung, H.K., Hahn, S.Y. A new algorithm for solving ill conditioned linear systems 61123
Hyoung Joong Kim *see* Chang Wan Jeon 113233
Hyoung Lee Wook *see* Wook Hyoung Lee
Hyoung-Do Kim, Jong Sung A virtual music network service scalable to network and terminal characteristics 109256
Hyoung-Gin Nam, Kyung-Hi Chang, Gyeong-Lyong Park, Jung-Bum Kim, Hoon-Bock Lee Communication system simulation methodologies: CDMA system in VHDL environment 88117
Hyoung-Joong Kim *see* Hyang-Beom Lee 92646
Hyoungsoo Lim, Donghoon Lee, Kyungwhoon Cheun, Kwonhue Choi, Minsoo Jung, Seokrim Choi Low-complexity receiver algorithms for the Grand-Alliance VSB HDTV system 109906
Hyoungsoo Lim *see* Jincheon Kim 109337
Hysell, D.L. *see* Farley, D.T. 80616
Hyslop, A.E. *see* McKee, W.R. 93387
Hyslop, J. *see* Caperan, T. 109816
Hyub Won Yong *see* Yong Hyub Won
Hyuck Jae Lee *see* Seon Gyu Han 116108
Hyuck Yoo *see* Young-Il Kang 67791
Hyuck-Jae Lee *see* Dong-Doo Lee 78437
Hyug Roh Byung *see* Byung Hyug Roh
Hyuga, F. *see* Shiojima, K. 63555
Hyuk Chan Kwon *see* Kyoung Wan Park 94536
Hyuk Chang, Chan Lim Effect of substrate on zinc deposition in nickel-zinc batteries: Electrochemical aspects 112210
Hyuk Hong Jin *see* Jin Hyuk Hong
Hyuk Jeong, Jeong-Guon Ih Harmonic balance method for estimating the nonlinear parameters of electrodynamic direct-radiator loudspeakers 79190
Hyuk Jin Cha *see* Kyung Ha Lee 63744
Hyuk Jun Oh, Woo Jin Oh, Yong Hoon Lee Design of cascade-form IIR filters with powers-of-two coefficients using mixed integer linear programming 114129
Hyuk Kang Sang *see* Sang Hyuk Kang
Hyuk Kim *see* Yong-San Yoon 71862
Hyuk Lee Eung *see* Eung Hyuk Lee
Hyuk Park Jae *see* Jae Hyuk Park
Hyuk Ryeol Park *see* Kyung Ha Lee 92904
Hyuk Yim Chung *see* Chung Hyuk Yim
Hyuk-Joo Kwon, Yong-Hyun Lee, Miki, O., Yamano, H., Yoshida, A. Raman spectra of indium nitride thin films grown by microwave-excited metalorganic vapor phase epitaxy on (0001) sapphire substrates 92732
Hyuk-Ryeol Park, Dong-Sun Oh, Jin Jang Change in bulk defect density of hydrogenated amorphous silicon by bias stress in thin film transistor structures 74102
Hyuk-Ryeol Park, Dong-Sun Oh, Jin Jang Study of the instabilities in hydrogenated amorphous silicon thin film transistors by constant photocurrent spectroscopy 84385
Hyuk-Ryeol Park, Dong-Sun Oh, Sun-Hwa Hong, Jin Jang, Hoe-Sup Soh CPM optical absorption spectra of a-Si:H films in TFT structures 106030
Hyun, D.S. *see* Lee, B.K. 71422
Hyun, K. *see* Gerhardt, L.A. 67346
Hyun, K.S. *see* Kwon, O.K. 75570
Hyun, S.B. *see* Choi, B.W. 84761
Hyun, S.H. *see* Park, Y.M. 80811
Hyun Cho Moo *see* Moo Hyun Cho
Hyun Choi Jong *see* Jong Hyun Choi
Hyun Chul Shin *see* Sung Hoon Kwon 113657
Hyun Chung Ki *see* Ki Hyun Chung
Hyun Dong-Seok *see* Dong-Seok Hyun
Hyun Duk Cho, Byung Sun Choi, Kyoung Won Lim, Seong Deuk Kim, Jong Beom Ra A region-based adaptive perceptual quantization technique for MPEG coder 77511
Hyun Gook Kang, Poong Hyun Seong Development of a real-time thermal performance diagnostic monitoring system using self-organizing neural network for KORI-2 nuclear power unit 81229
Hyun Huh, Jae Kyung Pan Optical/digital invariant recognition of two-dimensional patterns with straight lines 77100
Hyun Huh *see* Hee Ju Kim 109635
Hyun In-Ha *see* In-Ha Hyun
Hyun Jai-Sop *see* Jai-Sop Hyun
Hyun Jang Lak *see* Lak Hyun Jang
Hyun Jin-Il *see* Jin-Il Hyun
Hyun Ju Cho, Chang Kwon Hwangbo Optical inhomogeneity and microstructure of ZrO_2 thin films prepared by ion-assisted deposition 113412
Hyun Kang *see* Lee, J. 103582
Hyun Kim Chang *see* Chang Hyun Kim
Hyun Kim Dai *see* Dai Hyun Kim
Hyun Kim Jae *see* Jae Hyun Kim
Hyun Kim June *see* June Hyun Kim
Hyun Kim Nak *see* Nak Hyun Kim
Hyun Kim Oh *see* Oh Hyun Kim
Hyun Kwon Wook *see* Wook Hyun Kwon
Hyun Kyo Jung *see* Hyoung Joong Kim 112609
Hyun Kyo Jung *see* Juno Kim 65961
Hyun Kyung Sook *see* Kyung Sook Hyun
Hyun Kyung-Sook *see* Kyung-Sook Hyun
Hyun Lee *see* Ki-Hong Kim 118894
Hyun Lee Jong *see* Jong Hyun Lee
Hyun Lee Yong *see* Yong Hyun Lee
Hyun Meen Jung, Yongkyu Kim, Seunghyeon Rhee, Hung-Yeop Sung, Kyu Tae Park HD-VCR codec for studio application using quadtree structured binary symbols in wavelet transform domain 118690
Hyun Moon Yung *see* Yung Hyun Moon
Hyun Nam Kyung *see* Kyung Hyun Nam
Hyun Nam Seung *see* Seung Hyun Nam
Hyun Park Ju *see* Park Ju Hyun
Hyun Ryu Dae *see* Dae Hyun Ryu
Hyun Ryv *see* Hwack Joo Lee 82608
Hyun Seo Jeong *see* Jeong Hyun Seo
Hyun Seo Kang *see* Kyung Shik Lee 89133
Hyun Seok Oh *see* Pillai, S.U. 97074
Hyun Seong Poong *see* Poong Hyun Seong
Hyun Seung-Ho *see* Seung-Ho Hyun
Hyun Shin *see* Widmer, A. 78352
Hyun Song Shin, Williamson, T. How much common belief is necessary for a convention? 72457
Hyun Soo Jung *see* Seog Tae Han 93732
Hyun Soo Kim *see* Hong Jin Kong 65172
Hyun Suk Yang *see* Hong Seong Chang 78501
Hyun Suk Yang *see* Hong Seong Chang 118878
Hyun Won Wook *see* Wook Hyun Won
Hyun Woo Shin *see* Hyung-Ki Hong 119778
Hyun Wook Cho *see* Sand Kyu Park 67563
hyun Yi Jeong *see* Jeong hyun Yi
Hyun Yoon Seok *see* Seok Hyun Yoon
Hyun Yun Dong *see* Dong Hyun Yun
Hyun Yun Seok *see* Seok Hyun Yun
Hyun-Chul Park *see* Chul-Ro Yu 112112
Hyun-Duck Kim *see* Hee-Seok Koh 76857

Hyun-Eoi Shin, Yung-Gu Zoo, Yong-Hee Lee Ultralow threshold current 780-nm vertical-cavity surface-emitting lasers with oxide current aperture 107288
Hyun-Hee Kim *see* Sang-Hyun Kim 106728
Hyun-Ho Doh, Jung-Hun Kim, Ki-Woong Whang, Seok-Hyun Lee Effect of hydrogen addition to fluorocarbon gases (CF_4, C_4F_8) in selective SiO_2/Si etching by electron cyclotron resonance plasma 84139
Hyun-Ho Doh, Jung-Hun Kim, Seok-Hyun Lee, Ki-Woong Whang Mechanism of selective SiO_2/Si etching with fluorocarbon gases (CF_4, C_4F_8) and hydrogen mixture in electron cyclotron resonance plasma etching system 114930
Hyun-Jai Kim *see* Dong-Hun Yeo 95238
Hyun-Kwon Ha, Yoshimoto, M., Koinuma, H., Bum-Ki Moon, Ishiwara, H. Open air plasma chemical vapor deposition of highly dielectric amorphous TiO_2 films 61423
Hyun-Kyo Jung *see* Dong-Joon Sim 102677
Hyun-Kyo Jung *see* Dong-Joon Sim 111904
Hyun-Kyo Jung *see* Hong-Bae Lee 65960
Hyun-Kyo Jung *see* Hyang-Beom Lee 92646
Hyun-Kyo Jung *see* Jang-Sung Chun 97001
Hyun-Kyo Jung *see* Jang-Sung Chun 111889
Hyun-Kyo Jung *see* Jang-Sung Chun 111891
Hyun-Kyo Jung *see* Jeong-Tae Park 111962
Hyun-Kyo Jung *see* Min-Kyu Kim 97815
Hyun-Kyo Jung *see* Min-Kyu Kim 102717
Hyun-Kyo Jung *see* Seung-Hyun Song 104902
Hyun-Kyo Jung *see* Seung-Woo Lee 112618
Hyun-Kyo Jung *see* Sun-Ki Hong 95340
Hyun-Soo Kang, Seong-Dae Kim A fractal-based still image coding 77281
Hyun-Soo Kang, Soon-Bong Cho, Dong-Seok Hyun A robust indirect vector control for the rotor time constant variation of induction motors 81446
Hyun-Sook Rhee, Kyung-Whan Oh A validity measure for fuzzy clustering and its use in selecting optimal number of clusters 117696
Hyun-Yong Han, Shimada, A., Kawamura, S. Analysis of friction on human fingers and design of artificial fingers 90278
Hyunchol Shin, Jeong-Hwan Son, Young-Se Kwon Monolithic integration of AlGaAs/GaAs HBT and GaAs junction-gate floated electron channel field effect transistor using selective MOCVD growth 93930
Hyunchul Shin, Sunghoon Kwon, Sunghyuk Park, Jungho Kim, Sungpyo Hong Embedded pilot tracking tone generation for digital VCRs 109929
Hyunchul Shin *see* Chunghee Kim 73263
Hyung Ho Park *see* Jae Sung Lee 84239
Hyung Hwa Ko *see* Ho Joon Lee 87143
Hyung Hwa Ko *see* Young Tae Kim 77280
Hyung Jae Lee *see* Hong Seub Kim 82703
Hyung Jae Lee *see* Keunjoo Kim 74606
Hyung Jin Choi *see* Byun Kyun Kim 78604
Hyung Jin Choi *see* Byung Kyun Kim 109390
Hyung Jin Choi *see* Jae Hyung Lee 78464
Hyung Jin Choi *see* Jai Chul Song 117141
Hyung Jin Jung, Tao Song Kim Electrical characteristics of heteroprocessed $Pb(Zr_{0.52}Ti_{0.48})O_3$ films 84690
Hyung Jong Lee *see* Seon Gyu Han 116108
Hyung Jong Lee *see* Young Yun Chun 64760
Hyung Joun Yoo *see* Doh Hoon Kim 84265
Hyung Joun Yoo *see* Hai Bin Chung 85372
Hyung Joun Yoo *see* Sang-Soo Choi 63497
Hyung Ki Lee, Dong Sam Ha HOPE: an efficient parallel fault simulator for synchronous sequential circuits 104450
Hyung Kim *see* Khaleghi, F. 99576
Hyung Kim Jae *see* Jae Hyung Kim
Hyung Kim Ki *see* Ki Hyung Kim
Hyung Kook Yang *see* Yong Eui Lee 92810
Hyung Kun Kim *see* Min Gi Kwak 85292
Hyung Kun Kim *see* Youn Soo Park 85290
Hyung Lee Jae *see* Jae Hyung Lee
Hyung Lee Seung *see* Seung Hyung Lee
Hyung Lee Woo *see* Woo Hyung Lee
Hyung Lee-Kwang *see* Keon-Myung Lee 97753
Hyung Min Nam *see* Hong Seong Chang 78601
Hyung Moo Park *see* Joo-Heon Ahn 96421
Hyung Mun Kim *see* Beom-Hoan O 116563
Hyung Mun Kim *see* Chongdae Park 65191
Hyung Mun Kim *see* Chongdae Park 116526
Hyung Mun Kim *see* Jeong Soo Kim 103891
Hyung Myung Kim *see* Youngkwon Ryu 87376
Hyung Park Keun *see* Keun Hyung Park
Hyung Soo Kim *see* Hyoung Joong Kim 111089
Hyung Soo Kim *see* Hyoung Joong Kim 112609
Hyung Suh Ho *see* Ho Hyung Suh
Hyung Uk Kwon, Tae Young Choi, Seong Keun Oh A simple computational algorithm of ML optimum multiuser detector for synchronous code division multiple access channels 109335
Hyung Yim Jong *see* Jong Hyung Yim
Hyung-Boo Kang *see* Kee-Chang Lee 107131
Hyung-Boo Kang *see* Yong-Moo Chang 81143
Hyung-Gon Kim, Chan-Il Song The fabrication of photoelectric devices for $Ga_{2-x}Sb_xSe_3$ single crystals 95998
Hyung-Ho Park *see* Min-Gu Kang 94815
Hyung-Hwan Kim *see* Sang-Hyeo Lee 92834
Hyung-Jin Jung *see* Jeon-Kook Lee 84714
Hyung-Jin Jung *see* Seok-Kyun Song 82732
Hyung-Jong Lee, Su-Jin Kang, Ji-Hoon Lee, Sam-Kwon Choi, Hwan Kyu Kim Novel polymeric materials for NLO applications: poly(1,6-heptadiyne)s bearing various NLO chromophores 85627
Hyung-Joun Yu *see* Byung-Tak Jang 83556
Hyung-Ki Hong, Hyun Woo Shin, Hyeon Soo Park, Dong Hyun Yun, Chul Han Kwon, Kyuchung Lee, Sung-Tae Kim, Moriizumi, T. Gas identification using micro gas sensor array and neural-network pattern recognition 119778
Hyung-Ki Lee *see* Ki-Cheol Park 105157
Hyung-Kwon Kim *see* Duck-Chool Lee 74997
Hyung-Kyu Lim *see* Jei-Hwan Yoo 73371
Hyung-Kyu Lim *see* Tae-Sung Jung 73344
Hyung-Lae Baek *see* Jong-Gyu Hwang 121058
Hyung-Moo Park *see* Hyung-Sup Yoon 63770
Hyung-Moo Park *see* Jin-Hee Lee 63782
Hyung-Myung Kim *see* Seong Ro Lee 117338
Hyung-Rae Park *see* Bub-Joo Kang 68185
Hyung-Rae Park *see* Bub-Joo Kang 118959
Hyung-Sik Oh, Deok-Joo Lee, Chang-Won Song An analysis of the cost structure of telecommunication industry in Korea 118199
Hyung-Sup Yoon, Jin-Hee Lee, Sang-Soo Choi, Chul-Soon Park, Kwang-Eui Pyun, Hyung-Moo Park Fabrication and characteristics of 0.2-μm $Al_{0.24}Ga_{0.76}As/In_{0.15}Ga_{0.65}As/GaAs$ pseudomorphic HEMTs with wide-head T-shaped multifinger gates 63770
Hyung-Sup Yoon *see* Jin-Hee Lee 63782
Hyung-Sup Yoon *see* Wu Lu 95065
Hyung-Woo Jang *see* Eungsoo Kim 84214
Hyung-Wook Jeon *see* Jung-Young Son 96747
Hyung-Yong Ra *see* Hoi-Jin Choi 82585
Hyungho Kim *see* Ilgyu Jung 104967
Hyungsoo Choi *see* Soon T. Hwang 61348
Hyungsoo Lee *see* Sangwon Kang 76860
Hyungsoon Shin Unified model for junction size, substrate doping, and energy dependence of α-particle-induced charge collection 115314
Hyungsoon Shin *see* Hyunsang Hwang 63701
Hyungsoon Shin *see* Jung-Suk Goo 63672
Hyungsuk Kim *see* Taehee Cho 69157
Hyunjo Jeong, Hsu, D.K. Quantitative estimation of material properties of porous ceramics by means of composite micromechanics and ultrasonic velocity 72985
Hyunjoon Cho *see* Kyunghun Jang 78146
Hyunjoon Cho *see* Sungkeun Lee 67868
Hyunkyo Jung *see* Dongjin Bae 111961
Hyunsang Hwang, Jung-Suk Goo, Hoyup Kwon, Hyungsoon Shin Anomalous temperature dependence of NMOSFET lifetime under hot electron stress 63701
Hyunsik Chang *see* Sanggyu Park 98162
Hyunsoo Shin *see* Kibum Kim 109913
Hyunsoo Yoon *see* Hyojeong Song 108886
Hyunsoo Yoon *see* Seong-Min Hong 76825
Hyunsook Lee *see* Kwang Bae Lee 64166
Hyup Ko Joong *see* Joong Hyup Ko
Hyup-Jong Kim *see* Jin-Tae Oh 118262
Hyvarinen, E. *see* Kaila, S. 78288
Hyvonen, H. *see* Kosunen, A. 110970
Hyvonen, L., Hujanen, A. A compact MMIC-compatible microstrip to waveguide transition 83533
Hyyppa, J., Hallikainen, M. Optimization of a scanning radar altimeter for forest inventory; a simulation method 120915

I, T.Kashiro *see* Kashiro I, T.
i Cabarrocas, B.Roca *see* Roca i Cabarrocas, B.
i Cabarrocas, P.Roca *see* Roca i Cabarrocas, P.
i Colom, P.Guitart *see* Guitart i Colom, P.
i Munoz, J.M.Basart *see* Basart i Munoz, J.M.
I-Chung Deng *see* Kow-Ming Chang 105653
I-Hsing Tan *see* Chi-Kuang Sun 119678
I-In, P. *see* Kleinrock, L. 78920
I-Jun Park *see* Jinsoo Song 62724
I-Lung Show Automation Taipower's dispatch and control system 101814
I-Ming Ryan Lee, Takoudis, C.G. Process-property relationships in $Si_{1-x}Ge_x$ chemical vapor deposition. Thermodynamic and kinetic studies 61251
I-Nan Lin *see* Chang-Shun Chen 114340
I-Nan Lin *see* Horng-Yi Chang 115427
I.-Nan Lin *see* Tzu-Feng Tseng 64071
I-Nan Lin *see* Tzu-Feng Tseng 113442
I-Tai Lu *see* Qiu, R.C. 68164
I-Tai Lu *see* Qiu, R.C. 118835
Ia Hsun Yeh *see* Kow Ming Chang 92910
Iacconi, P. *see* Benabdesselam, M. 110987
Iacconi, P. *see* Goyet, D. 101467
Iaciofano, A. *see* Basti, G. 90164
Iacopini, E. *see* Autiero, D. 69815
Iacopini, E. *see* Autiero, D. 80006
Iacovlev, V. *see* Sarbu, A. 68360
Iacozza, J. *see* Barber, D.G. 120856
Iafrate, G.J., Stroscio, M.A. Application of quantum-based devices: trends and challenges 106107
Iafrate, G.J. *see* Erdogan, M.U. 74392
Iafrate, G.J. *see* Mickevicius, R. 114739
Iai, S. *see* Hayashi, T. 67056
Iaizzo, P.A. *see* Brass, T.J. 101060
Iakovlev, V.P. *see* Botez, D. 116491
Iancu, D., Pinho, A. Digital simulation of analog systems application 93046
Iannelli, J. *see* Chen, T.R. 65215
Ianni, A. *see* Anderlini, L. 72454
Ianni, M.Di *see* Di Ianni, M.
Iannizzotto, G., Puliajito, A., Salvato, G. A new method for extracting and representing object contours in real images 98152
Iannone, E., Amoroso, N. Very high capacity FDM optical transmission system based on direct and coherent detection 99546
Iannone, E., Listanti, M., Sabella, R. Analysis of multicasting in photonic transport networks 109674
Iannone, E., Sabella, R. Wavelength conversion in WDM optical networks: a comparison among different devices based on semiconductor amplifiers 68397
Iannone, E., Sabella, R. Optical path technologies: a comparison among different cross-connect architectures 119190
Iannone, E., Sabella, R., De Stefano, L., Valeri, F. All-optical wavelength conversion in optical multicarrier networks 78742
Iannone, E. *see* Sabella, R. 78734
Iannone, E. *see* Sabella, R. 88602
Iannone, E. *see* Sabella, R. 119260
Iannone, L. *see* Iannone, P.P. 109663
Iannone, P.P., Reichmann, K.C., Doerr, C.R., Zimgibl, M., Iannone, L. Simultaneous WDM and broadcast transmission using a single multiwavelength waveguide-grating-router laser 109663
Iannone, P.P., Reichmann, K.C., Frigo, N.J. Broadcast digital video delivered over WDM passive optical networks 78938
Iannone, P.P., Reichmann, K.C., Frigo, N.J. Broadcast digital video upgrade for WDM passive optical networks 88654
Iannone, P.P. *see* Frigo, N.J. 78753
Iannone, P.P. *see* Walker, J.A. 119197
Iannucci, A.M. *see* Seccia, L. 117749
Iannuzzelli, R. *see* Seyyedi, J. 83617
Iannuzzelli, R.J., Pitarresi, J.M., Prakash, V. Solder joint reliability prediction by the integrated matrix creep method 82179
Ianovich, E.A. *see* Barabanov, I.R. 110568
Ianoz, M., Nicoara, B.I.C., Radasky, W.A. Modeling of an EMP conducted environment 97195
Ianoz, M. *see* Rachidi, F. 102195
Ianoz, M. *see* Rachidi, F. 121225
Ianoz, M. *see* Tabara, D. 91676
Ianucci, A.M. *see* Seccia, L. 86307
Iashvili, I. Aspects of CMS detector relevant to B-physics 120133
Iatrou, C.T. Mode selective properties of coaxial gyrotron resonators 105039
Iatrou, C.T. *see* Dammertz, G. 105036
Iatrou, C.T. *see* Piosczyk, B. 105037
Iatrou, S. *see* Mil'shtein, S. 60559
Iazzi, F. *see* Agnello, M. 110583
Iazzourene, F. *see* Bocchetta, C.J. 79809
Iazzourene, F. *see* Svandrlik, M. 100632
Iba, H. *see* Akiba, E. 71655
Iba, S. *see* Koike, M. 102388
Ibanez, A. *see* Fritsch, C. 111394
Ibanez, D. An introduction strategy for digital terrestrial television based on single frequency networks: the Spanish approach 119360
Ibanez, D. *see* Polo, A. 119457
Ibaragi, O. *see* Chiba, Y. 98990
Ibaraki, A. *see* Bessho, Y. 65252
Ibaraki, H., Goto, I., Nakano, S., Fujimoto, T. Design and evaluation of programmable video codec board (VC64) 98945
Ibaraki, M. *see* Matsuyama, S. 69843
Ibaraki, N. a-Si TFT technologies for large-size and high-pixel-density AM-LCDs 63686
Ibaraki, N. *see* Fukuda, K. 95000
Ibaraki, N. *see* Kakkad, R. 105984
Ibaraki, N. *see* Kashiro I, T. 94999
Ibaraki, T. *see* Abe, K. 117602
Ibarra, A. *see* Molla, J. 95240
Ibarra, J. *see* Diaz-Santana, L. 117705
Ibarra, J.G., Arrizon, V., Serrano-Heredia, A. Split array illuminators 116124
Ibarra, M.R. *see* Abadia, C. 75139
Ibarra, M.R. *see* Aigarabel, P.A. 64247
Ibarra, M.R. *see* Kamarad, J. 64246
Ibarra, O.H. *see* Andresen, D. 78022
Ibarra-Zannatha, J.M. *see* Jaime-Rivas, R. 117644
Ibbeken, K. *see* Philipps, P. 99317
Ibbetson, J.P., Mishra, U.K. Space-charge-limited currents in nonstoichiometric GaAs 74263
Ibbetson, J.P. *see* Brehmer, D.E. 63561
Ibbetson, J.P. *see* Ching-Hui Chen 105380
Ibbetson, L.J. *see* Joyce, R.M. 109439
Ibbotson, D. *see* Maynard, H. 63397
Ibbotson, D.E. *see* Maynard, H.L. 74598
Ibbs, P., Guglielmi, M. Plastic microwave filter for large-volume space applications 104806
Iber, H., Peiner, E., Schlachetzki, A. The effect of dislocations on the optical absorption of heteroepitaxial InP and GaAs on Si 83849
Iberer, F. *see* Hutten, H. 110923
Ibettson, J. *see* Parikh, P.A. 105944
Ibi, Y. *see* Takeuchi, Y. 80865
Iblyaminova, A.F. *see* Kossov, V.G. 100095

Ibnkahla, M., Castanie, F. Neural network identification of digital satellite channels: the adaptive nonlinear enhancer 109577
Ibragimov, E., Struthers, A. Second-harmonic pulse compression in the soliton regime 116736
Ibraheem *see* Kumar, P. 80885
Ibraheem *see* Kumar, P. 111712
Ibrahim, A., Abdullah, A.R. Solving the two dimensional diffusion equation by the four point explicit decoupled group (EDG) iterative method 72687
Ibrahim, D. Wind potential in the Turkish republic of Northern Cyprus and the generation of electricity from this energy 111865
Ibrahim, D. *see* Head, J.R. 98737
Ibrahim, E.A. *see* El-Sherbiny, M.K. 111487
Ibrahim, E.S. Interconnection of electric power systems in the Arab world 80939
Ibrahim, E.S. Study of turbine-generator shaft parameters from the viewpoint of subsynchronous resonance 81387
Ibrahim, M.M. On injection-locking of inhomogeneously pumped semiconductor lasers 85538
Ibrahim, O.M. Design considerations for ammonia-water Rankine cycle 111820
Ibrahim, S.M.A. The science and technology priority areas relevant to nonconventional energy goals in Egypt 71036
Ibsen, M. *see* Krug, P.A. 78701
Ibsen, M. *see* Moss, D. 75530
Ibsen, M. *see* Moss, D. 106823
Ibtiouen, R., Hadjout, L., Kechroud, R., Laporte, B. Torque analysis of permanent magnet synchronous motors 91491
Ibuki, K. Trends in the development and application of DC power-transmission systems 91104
Icardi, U., Di Sciuva, M. Large-deflection and stress analysis of multilayered plates with induced-strain actuators 61457
Icel, A. *see* Waisum Wong 95021
Ichai, J.J. *see* Licciardi, L. 68011
Ichiang Lin *see* Venkat, K. 61993
Ichiba, M., Katayama, M., Yamazato, T., Ogawa, A. A preliminary study of a multimedia SSMA system considering the interactions between the signals 87965
Ichiba, M., Katayama, M., Yamazato, T., Ogawa, A. Effects of multiple access interference in a multirate SSMA system 118763
Ichibashi, H. *see* Tabuchi, H. 70440
Ichida, M. *see* Takayanagi, T. 73424
Ichige, A. *see* Manabe, K. 91879
Ichige, K. *see* Kamada, M. 113808
Ichige, K. *see* Shimizu, I. 117808
Ichiguchi, T. *see* Tomaru, T. 63809
Ichiguchi, T. *see* Tomaru, T. 105968
Ichihara, M. *see* Kaminaga, K. 102160
Ichihara, M. *see* Matsui, K. 102175
Ichihara, M. *see* Miyake, S. 106730
Ichihara, T., Nakagawa, S., Matsushita, N., Naoe, M. Theory, fabrication and testing of dual track complimentary type of thin-film recording heads for perpendicular magnetic recording system 75256
Ichihara, T., Nakagawa, S., Naoe, M. Improvement of the magnetic characteristics of multilayered Ni-Fe thin films by applying external in-plane field during sputtering 115550
Ichihara, T. *see* Harada, N. 103050
Ichihara, T. *see* Sugimoto, M. 95523
Ichihashi, M. *see* Murakoshi, H. 62657
Ichihashi, T. *see* Namoto, Y. 109015
Ichihashi, Y. *see* Sudo, S. 105676
Ichii, M., Ohta, T., Davis, P. Dynamic memory arrays in a spatial-light-modulator ring circuit 84956
Ichijyou, M. *see* Takahashi, Y. 104334
Ichikawa, A., Yoshida, T., Yamaoka, K., Sakai, Y. Multimedia synchronization system for MPEG video based on quality of pictures 99750
Ichikawa, A. *see* Fermin, I. 117548
Ichikawa, A. *see* Ino, K. 60563
Ichikawa, A. *see* Uchida, H.H. 115858
Ichikawa, A. *see* Yamaoka, K. 77841
Ichikawa, F., Zhao, B., Uchiyama, T., Kawabata, R., Koga, T., Arai, T., Fukami, T., Aomine, T., Sun Jijun, Xu Bo, Li Lin Magnetic field and orientation dependence of vortex motion in YBa$_2$Cu$_3$O$_7$/PrBa$_2$Cu$_3$O$_7$ multilayers 106664
Ichikawa, H. *see* Ohkuma, S. 93356
Ichikawa, H. *see* Ohtsuka, H. 98923
Ichikawa, J. *see* Nagata, H. 85095
Ichikawa, J. *see* Nagata, H. 106831
Ichikawa, K., Aibara, T., Muranaka, M., Izumida, M., Murakami, K. Automated assessment of the appearance of seam pucker on textiles using Hough transform 86501
Ichikawa, K. *see* Asanuma, H. 100068
Ichikawa, K. *see* Asanuma, H. 119694
Ichikawa, K. *see* Watanaabe, S. 71153
Ichikawa, M. *see* Fujita, S. 94601
Ichikawa, M. *see* Imura, S. 73455
Ichikawa, M. *see* Maruno, S. 105601
Ichikawa, M. *see* Sano, Y. 69282
Ichikawa, M. *see* Takeshita, T. 102739
Ichikawa, M. *see* Watanabe, H. 114913
Ichikawa, O. *see* Michioka, C. 111928
Ichikawa, R. *see* Kurihara, N. 101545
Ichikawa, R. *see* Makino, K. 101996
Ichikawa, S., Asai, M., Tsukada, K., Osa, A., Ikuta, T., Shinohara, N., Iimura, H., Nagame, Y., Hatsukawa, Y., Nishinaka, I., Kawade, K., Yamamoto, H., Shibata, M., Kojima, Y. Mass separation of neutron-rich isotopes using a gas-jet coupled thermal ion source 90112
Ichikawa, S., Nakamura, Y. An analysis of linear antenna system as multi-port nonlinear circuit 116996
Ichikawa, S. *see* Hirokawa, T. 93803
Ichikawa, T. *see* Chibe, H. 102601
Ichikawa, T. *see* Itoh, N. 69276
Ichikawa, T. *see* Katagiri, A. 102603
Ichikawa, T. *see* Kayama, H. 78517
Ichikawa, T. *see* Kayama, H. 99366
Ichikawa, T. *see* Yoshitomi, J. 84871
Ichikawa, Y., Sadakata, T., Anzai, F., Fukuda, Y., Nakaya, K., Matsubara, S., Saitoh, T., Araki, T. Development of VCR video/audio signal processing LSI chip 109945
Ichikawa, Y., Tabuchi, K., Takano, A., Fujikake, S., Yoshida, T., Sakai, H. Film-substrate a-Si solar cells with a new monolithic series-connected structure 102990
Ichikawa, Y., Yamada, H. Inductance simulation of a conductor for LSI package circuit 106138
Ichikawa, Y. *see* Minagawa, T. 121433
Ichikawa, Y. *see* Okada, K.-I. 118539
Ichikawa, Y. *see* Sasaki, T. 92886
Ichikawaa, Y. *see* Okada, K. 67878
Ichiki, K. *see* Tanaka, S. 106269
Ichiki, S. *see* Tabuchi, M. 103909
Ichiki, T., Amagi, S., Yoshida, T. Initial stage of cubic boron nitride film growth from vapor phase 61352
Ichiki, T. *see* Chinzei, Y. 74557
Ichimiya, A., Nakahara, H., Tanaka, Y. Structural study of epitaxial growth on silicon surfaces 113393
Ichimori, T. *see* Hayashi, K. 77843
Ichimura, K., Tomita, H., Kudo, K. Photoregulation of liquid crystal alignment by photoisomerizable molecular layers 75617
Ichimura, K. *see* Nakamoto, M. 74013
Ichimura, M., Yoshida, H., Usami, A. Surface condition of Si implanted GaAs revealed by the non-contact laser/microwave method 105165
Ichimura, S. *see* Kurokawa, A. 105697
Ichimura, S. *see* Nakamura, K. 105699
Ichimura, Y., Kishino, K., Haraguchi, M., Yoshida, A. Effect of ZnSe/ZnSSe superlattice buffer on improved emission efficiency of ZnCdSe/MgZnSSe quantum wells for MgZnSSe-based blue/green lasers 75947
Ichimura, Y. *see* Yamada, N. 75997
Ichino, H. *see* Koike, K. 63907
Ichino, K. *see* Kitagawa, M. 74193
Ichino, K. *see* Sang Tae Lee 104158
Ichinohe, T. *see* Shimasaki, M. 64908
Ichinokawa, T. *see* Ishii, Y. 68747
Ichinomiya, N. *see* Korechika, T. 122056
Ichinose, H., Ishizuka, Y., Nozaki, H., Furukawa, A., Tango, H., Yoshida, O. The bias-annealing effect on a-Si:H photodiode 95988
Ichinose, H. *see* Zhang, Y. 92830
Ichinose, M., Kainuma, S. Polarization characteristics of VHF radio waves reflected by the E$_s$-layer 85873
Ichinose, M. *see* Saeki, T. 73369
Ichinose, N., Udagawa, K. Piezoelectric properties of (Bi$_{1/2}$Na$_{1/2}$)TiO$_3$ based ceramics 106333
Ichinose, Y. *see* Ishiguro, T. 106534
Ichinose, Y. *see* Nagai, Y. 98963
Ichinose, Y. *see* Sakurai, Y. 64178
Ichioka, Y., Iwaki, T., Matsuoka, K. Optical information processing and beyond 64840
Ichioka, Y. *see* Awatsuji, Y. 85186
Ichioka, Y. *see* Francisco, J. 116159
Ichioka, Y. *see* Hirokawa, K. 87243
Ichioka, Y. *see* Inoue, T. 86990
Ichioka, Y. *see* Kagawa, K. 106897
Ichioka, Y. *see* Konishi, T. 85185
Ichioka, Y. *see* Suzuki, T. 71502
Ichioka, Y. *see* Tanida, J. 85228
Ichioka, Y. *see* Watanabe, W. 85222
Ichiya, Y., Kase, I., Ogawa, K., Yoshida, T., Niimura, M. Call data system: flexible and integrated operations, management and control of telecommunications networks 87603
Ichiyanagi, K., Goto, Y., Yokomizu, Y., Matsumura, T., Kito, Y. A prediction of river flow rate into a dam for a hydro power plant by artificial neural network trained with data classified according to total amount of rain 81338
Ichiyanagi, N. *see* Miura, O. 102178
Ichizli, V.M. *see* Tiginyanu, I.M. 105558
Ichoku, C., Deffontaines, B., Chorowicz, J. Segmentation of digital plane curves: a dynamic focusing approach 77482
Ick Choy *see* Kwon, S.H. 121669
Ick Hoon Jang, Dae Ho Kim, Dong Joon Lee, Nam Chul Kim Reduction of blocking effect in block coded images using wavelet transform 98241
Ick Jae Eom *see* Kyung Chan Kim 110371
Ick-Ho Whang, Jang-Gyu Lee, Yong-Hwan Park Generalized input estimation for maneuvering target tracking 76891
Ida, J., Ohtomo, A., Yoshimaru, N. Application of low dielectric interlayer film on sub half micron CMOS 74617
Ida, K. *see* Taguchi, T. 82458
Ida, M. Optimality on possibilistic linear programming with normal possibility distribution coefficient 60882
Ida, M., Yamahata, S., Kurishima, K., Ito, H., Kobayashi, T., Matsuoka, Y. High-f$_{max}$ InP/InGaAs HBTs with extrinsic base layers selectively grown by MOCVD 63630
Ida, N., Yuferev, S. Impedance boundary conditions for transient scattering problems 107864
Ida, N. *see* Minghui Xu 107756
Ida, N. *see* Raugi, M. 92992
Ida, N. *see* Yuferev, S. 65814
Ida, S., Kuramochi, A., Watanabe, H., Koyama, M., Goto, K., Yoshiki, M., Takemura, M. Evaluation of the SO$_2$ and NO$_2$ mixed gas tests for electronic parts 63444
Ida, T., Kagoshima, T. Image decoding of fractal coding using escape-time algorithm 67439
Ida, Y., Imai, N., Ogawa, E. A transversal filter using CPW directional couplers 114237
Ida, Y. *see* Strandjord, A.J.G. 83669
Idahl, P. *see* Lotse, F. 118978
Idan, M. *see* Rotstein, H. 76904
Idan, Y. *see* Barge, M. 98266
Ide, H. A modified PRML channel for perpendicular magnetic recording 115815
Ide, H. *see* Fontamoto, M. 115765
Ide, J., Nakamoto, T., Moriizumi, T. Sensing film characterization for QCM array in an odor sensing system 119610
Ide, J. *see* Nakamoto, T. 69360
Ide, K., Hazama, K., Tsuji, T., Oguro, R. Speed sensorless field-oriented controlled IM with stator voltage error compensator 111945
Ide, K. *see* Satoh, K. 81546
Ide, M. *see* Fu, S. 80697
Ide, M. *see* Klaus, W. 85130
Ide, M. *see* Suzaki, S. 85098
Ide, M. *see* Xiao-Liang Bai 91707
Ide, N. *see* Katsuki, A. 112884
Ide, S. *see* Ninomiya 64569
Ide, T., Ohkubo, S., Okada, M. Phase change optical disks having recording marks with large optical phase difference suitable for mark edge recording 115999
Ide, T. *see* Gritz, E.E. 89225
Ide, T. *see* Hamasaki, Y. 113587
Ide, T. *see* Yasuda, H. 87760
Ide, Y. *see* Watanabe, S. 71130
Ideguchi, T. *see* Akiyama, Y. 65900
Ideguchi, T. *see* Hattori, M. 102279
Ideguchi, T. *see* Motomitsu, T. 77817
Ideguchi, T. *see* Watanabe, A. 77985
Idehara, T. *see* Barroso, J.J. 94198
Idei, Y. *see* Higeta, K. 61887
Idei, Y. *see* Higeta, K. 113943
Idemen, M., Akduman, I. One-dimensional profile inversion of a half-space over a two-part impedance ground 85823
Idler, W., Daub, K., Laube, G., Schilling, M., Wiedemann, P., Dutting, K., Klenk, M., Lach, E., Wunstel, K. 10 Gb/s wavelength conversion with integrated multiquantum-well-based 3-port Mach-Zehnder interferometer 96706
Idler, W. *see* Baums, D. 109312
Idler, W. *see* Joergensen, C. 99458
Idler, W. *see* Jourdan, A. 88603
Idler, W. *see* Klenk, M. 96423
Idler, W. *see* Schilling, M. 78777
Idler, W. *see* Schilling, M. 99599
Ido, H. *see* Ito, T. 64313
Ido, H. *see* Konno, K. 75140
Ido, H. *see* Nashima, O. 64243
Ido, M. *see* Momono, N. 106667
Ido, T., Koizumi, M., Tanaka, S., Suzuki, M., Inoue, H. Polarization and wavelength insensitive MQW electroabsorption optical gates for WDM switching systems 64810
Ido, T., Sano, H., Tanaka, S., Moss, D.J., Inoue, H. Performance of strained InGaAs/InAlAs multiple-quantum-well electroabsorption modulators 116113
Ido, T., Tanaka, S., Suzuki, M., Koizumi, M., Sano, H., Inoue, H. Ultra-high-speed multiple-quantum-well electro-absorption optical modulators with integrated waveguides 106862
Ido, T. *see* Mutoh, T. 108043
Ido, T. *see* Tanoi, T. 62720
Idogaki, M. *see* Fujita, K. 71015
Idogaki, T., Kanayama, H., Ohya, N., Suzuki, H., Hattori, T. Characteristics of piezoelectric locomotive mechanism for an in-pipe micro inspection machine 71374
Idogaki, T., Kanayama, H., Suzuki, H., Nagakubo, M., Hattori, T. Heat transmission effects of hetero-material (Al-PZT) direct bonding on an in-pipe micro inspection machine 74970
Idogaki, T. *see* Ohara, J. 84686
Idogaki, T. *see* Senda, K. 112167
Idomoto, Y. *see* Itazaki, N. 93236
Idota, K., Niwa, M., Sumita, I. Ultrahigh vacuum system for atomic-scale planarization of 6 inch Si(001) substrate 105692
Idowu, P., Ghandakly, A. A discrete-time coordinated adaptive stabilizer for multimachine power systems 90917
Idris, F., Panchanathan, S. Indexing of compressed video sequences 68850

Idrisov, F.F. Estimated correlation function and intensity spectrum of a doubly stochastic Poisson process 108279
Idrissi, A.L.El *see* El Idrissi, A.L.
Idrissi-Benzohra, M., Akani, M., Benzohra, M. Influence of processing parameters on electrical properties of polysilicon/monosilicon junctions 74350
Idzerda, Y.U. *see* Kemner, K.M. 64452
Idzerda, Y.U. *see* Wolf, J.A. 75083
Ie-Hong Lin, Geraniotis, E. Near-optimal routing for voice and data traffic in integrated broadband networks 87488
Ieda, K. *see* Murakami, Y. 66010
Ieda, K. *see* Singh, B.P. 107408
Ieda, M. *see* Kawamoto, A. 64125
Ieda, M. *see* Kon, H. 91178
Ieda, M. *see* Tanaka, T. 64113
Ieiri, T. Testing coaxial switches of BPM using a high-resolution RF detector 100570
Ieki, H., Tanaka, H., Koike, J., Nishikawa, T. Microwave low insertion loss SAW filter by using ZnO/sapphire substrate with Ni dopant 84749
Iembo, A. *see* Ceresara, L. 92907
Ienne, P., Cornu, T., Kuhn, G. Special-purpose digital hardware for neural networks: an architectural survey 104765
Ienne, P. *see* Vassilas, N. 108198
Iera, A., Marano, S., Molinaro, A. Multimedia services management in next generation mobile networks 68279
Iera, A., Marano, S., Molinaro, A. “call-level” and “burst-level” priorities for an effective management of multimedia services in UMTS 88276
Iera, A., Marano, S., Molinaro, A. Synchronisation of multimedia service traffic components in UMTS networks 118573
Iera, A., Marano, S., Molinaro, A. Transport and control issues in multimedia wireless networks 118582
Iera, A. *see* Beraldi, R. 68229
Iezekiel, S. *see* Bennett, S. 65249
Ifeachor, E.C. *see* Riddington, E.P. 70131
Iftekharuddin, K.M., Ahmed, F., Karim, M.A. Rotation-invariant target recognition using an amplitude-coupled minimum-average correlation-energy filter 77102
Iftekharuddin, K.M., Tuthill, T.A. Wavelet packet-based nonlinear speckle reduction in optical synthetic aperture radar image analysis 88681
Iftekharuddin, K.M., Tuthill, T.A., Karim, M.A., Jemili, K. Wavelet preprocessed amplitude-modulated phase-only filter for recognition applications 117581
Iftimia, N., Necsoiu, T., Babin, V., Ersen, S., Moldovan, A., Spanulescu, I., Strzelec, M., Puzewicz, Z., Kopica, M. State of art in CO_2 laser Doppler systems in the Institute of Optoelectronics from Romania 116369
Ifuku, T. *see* Otobe, M. 92874
Ifukube, T. *see* Nejime, Y. 80486
Ifukube, T. *see* Wada, C. 80496
Ifukube, T. *see* Wada, C. 110954
Ig Chang Dae *see* Dae Ig Chang
Ig Lee Jong *see* Jong Ig Lee
Iga, H. *see* Nishigaki, S. 114940
Iga, K. Vertical cavity surface emitting lasers based on InP and related compounds–bottleneck and corkscrew 107273
Iga, K., Kawaguchi, Y., Katsura, S. Generation of ultra-flat optical ring beam and its application to laser levels 116616
Iga, K. *see* Hamano, T. 96409
Iga, K. *see* Hatori, N. 107354
Iga, K. *see* Honda, T. 75949
Iga, K. *see* Honda, T. 94680
Iga, K. *see* Honda, T. 116521
Iga, K. *see* Koyama, F. 65242
Iga, K. *see* Loh, T.H. 103900
Iga, K. *see* Matsutani, A. 63326
Iga, K. *see* Sakaguchi, T. 62905
Iga, K. *see* Takahashi, M. 65299
Iga, T. *see* Sato, H. 78535
Igai, K., Kawaguchi, Y., Katsura, S. Generation of ultra-flat optical ring beam and its application to laser levels 116617
Igarashi, H., Honma, T. An analysis of thin magnetic materials using hypersingular integral equations 64183
Igarashi, H., Mizuyama, Y., Honma, T. A boundary element analysis of transmission-line parameters using singular elements 65913
Igarashi, H., Watanabe, K., Honma, T., Kost, A. Regularization of near singularity in FE-BE coupling analysis of three-dimensional static magnetic fields 65673
Igarashi, H. *see* Sakai, S. 91304
Igarashi, H. *see* Tsubota, K. 107797
Igarashi, J., Yokoyama, T., Mizutani, K., Nagai, K. Experimental measurement of transverse velocities using a single circular planar transducer by Doppler-spectra 89505
Igarashi, K. *see* Kainuma, S. 101552
Igarashi, K. *see* Kato, H. 70482
Igarashi, K. *see* Koh, M. 74721
Igarashi, K. *see* Nagayama, M. 80636
Igarashi, K. *see* Nguyen, N.T. 89299
Igarashi, K. *see* Ohtani, A. 76437
Igarashi, K. *see* Ohtani, A. 80650
Igarashi, K. *see* Tanii, T. 73372
Igarashi, M. Node system evolution for multimedia service network 78237
Igarashi, M. *see* Hirono, S. 115489
Igarashi, M. *see* Nozaki, K. 63502
Igarashi, M. *see* Sugita, Y. 75080
Igarashi, N., Kokubo, H. Multisync LCD monitors, PC-KP651 and LA-1332JSW 69389
Igarashi, O. Epitaxial growth of I-III-VI chalcopyrite-type semiconductor single-crystals by halogen transport method and characterization by reflection electron diffraction 82603
Igarashi, T. *see* Kawaguchi, H. 96357
Igarashi, T. *see* Yokotani, A. 104086
Igarashi, Y., Takahashi, K. Mobile Pentium (0.25 mm pitch 320 pin TCP) soldering technology for notebook PC 83655
Igarashi, Y. *see* Hamada, Y. 67737
Igarashi, Y. *see* Hamada, Y. 78105
Igarashi, Y. *see* Sakuma, T. 108887
Igarashi, Y. *see* Yamaguchi, S. 100484
Igarashi, Z. *see* Shinto, K. 90092
Igari, Y. *see* Kusunoki, I. 113480
Igasaki, A. *see* Tsuchida, K. 71723
Igasaki, Y., Yoshida, N., Toyoda, H., Kobayashi, Y., Mukohzaka, N., Hara, T. High speed parallel aligned liquid crystal spatial light modulator (PAL-SLM) operated with 180 Hz 85132
Igasaki, Y. *see* Kitayama, K. 109637
Igasaki, Y. *see* Toyoda, H. 87245
Igasaki, Y. *see* Yoshida, N. 85131
Igawa, M. *see* Asai, M. 79148
Ige, O. *see* Bu-Xin Xu 95543
Igel, S., Hamacher, A., Kilian, K., Machner, H., Protic, D., Budzanowsky, A., Kliczewski, S., Plendl, H.S. Germanium wall of a GEM detector system at COSY 120205
Igelbrink, M. *see* Albers, D. 69756
Igelnik, B. *see* Gwang-Hoon Park 82657
Igeta, M. *see* Saeki, T. 73369
Igetogt, L. *see* Jackson, P.O. 121101
Igic, P. *see* Prijic, Z. 84364
Igl, S.A. *see* Crow, J.D. 119221
Iglesias, A. *see* Arefiev, A. 69787
Iglesias, A. *see* Arefiev, A. 100805
Iglesias, C.A. *see* Velasco, J.R. 81300
Ignat, M. *see* De Wolf, I. 115320
Ignatenko, M.A. *see* Boyko, I.R. 79996
Ignatenko, S.V., Mal’tsev, A.A. The statistical characteristics of adaptive antenna arrays when processing discrete signals with correlated readouts 66622
Ignat’ev, A.S., Kopylod, V.B., Shmelev, S.S., Perov, P.I. Excitonic light modulators based on heterostructures with a system of quantum wells 116101
Ignat’ev, A.S. *see* Vinogradov, V.S. 105321
Ignat’ev, I.V. *see* Abramova, I.N. 62793
Ignat’ev, V.K., Chernkh, S.V. Superconducting magnetometer with a magnetic field feedback 110335
Ignatiev, A. *see* Fredricksen, H. 106442
Ignatiev, A. *see* Zomorrodian, A.R. 106398
Ignatiev, A.I. *see* Dianov, E.M. 96664
Ignatov, A.A. *see* Hofbeck, K. 105330
Ignatov, S.M. *see* Grishaev, S.I. 69796
Ignatyev, A. *see* Shalnov, A. 100483
Ignatyev, A. *see* Shalnov, A. 100783
Ignatyuk, A.V. *see* Schmidt, K.H. 69627
Ignetik, R., Jarvis, B.J. On the importance of Earth geometry for over-the-horizon radar coordinate registration 68681
Igolkin, V.B. *see* Kalmykov, A.I. 68634
Igonin, M.A. *see* Lange, Yu.V. 113600
Igoshi, M. *see* Sae-Tang, A. 87248
Igoshin, V.I., Pichugin, S.Y. New dynamic photon branching regimes in chemical HF lasers with a two-phase active medium 65041
Igoshin, V.I., Pichugin, S.Y. Physical principles of developing the high energy pulsed sources of laser IR radiation on photon branching reactions 75792
Iguchi, M. *see* Hirata, K. 70853
Iguchi, M. *see* Izumi, H. 95347
Iguchi, M. *see* Yen-Wei Chen 67187
Iguchi, M. *see* Yen-Wei Chen 86861
Iguchi, N. *see* Kawanaka, M. 63582
Iguchi, N. *see* Takahashi, H. 118456
Iguchi, T., Meneghini, R. Intercomparison of single-frequency methods for retrieving a vertical rain profile from airborne or spaceborne radar data 80641
Iguchi, T. *see* Hanado, H. 111208
Iguchi, T. *see* Horie, H. 120802
Iguchi, T. *see* Kinugasa, T. 109933
Iguchi, T. *see* Kumagai, H. 90788
Iguchi, T. *see* Meneghini, R. 120749
Iguchi, T. *see* Sakasai, K. 80085
Iguchi, T. *see* Sakasai, K. 100876
Iguchi, T. *see* Takahashi, H. 66658
Iguchi, T. *see* Takahashi, H. 80058
Iguchi, T. *see* Takahashi, H. 100151
Iguchi, T. *see* Takahashi, H. 100868
Iguchi, Y. *see* Kuhara, Y. 119196
Iguchi, Y. *see* Shiraishi, H. 64293
Iguchi, Y. *see* Uno, Y. 82242
Iguchi, Y. *see* Yabuhara, Y. 92676
Iguchit, T. *see* Kozu, T. 90787
Igura, H. *see* Mizuno, M. 61853
Ih Jeong-Guon *see* Jeong-Guon Ih
Iha, K. *see* Mendes de Barros, R.C. 113414
Iha, M. *see* Akagi, K. 81760
Iha, M. *see* Shiratori, A. 81775
Ihanus, J. *see* Kukli, K. 75003
Ihara, C. *see* Izutani, S. 71032
Ihara, H., Oba, E., Iida, Y., Nozaki, H., Wada, T., Furukawa, A., Manabe, S., Tango, H., Yoshida, O. Electric field concentration at electrode edge with decreasing amorphous silicon defect density 94236
Ihara, H. *see* Hoya, T. 97604
Ihara, H. *see* Nakamoto, M. 102516
Ihara, K. *see* Andres, F. 109247
Ihara, K. *see* Andres, F. 109891
Ihara, M. *see* Aida, T. 81832
Ihara, M. *see* Endo, A. 81810
Ihara, M. *see* Takahashi, T. 81849
Ihara, S. Mutual information and mean square error 66189
Ihara, S. Some inequalities for channel capacities, mutual informations and mean-squared errors 97413
Ihara, S., Kamatani, M., Satoh, S., Yamabe, C., Akiyama, H. Characteristics of a TEA-CO_2 laser oscillation by an inductive energy storage pulsed-power generator 65017
Ihara, S., Sakuma, Y. Signal detection in continuous-time white Gaussian channel 66643
Ihara, S. *see* Muraji, H. 89369
Ihara, S. *see* Ohkura, Y. 95009
Ihara, T. Research and development activities on millimeter-wave short-range application systems in Japan 78359
Ihara, T., Manabe, T., Fujita, M., Matsui, T., Sugimoto, Y. Research activities on millimeter-wave indoor wireless communication systems at CRL 67849
Ihara, T., Nakagawa, Y. Dependence on waveguide width of elastic convolver efficiency 84742
Ihara, T. *see* Manabe, T. 97114
Ihara, T. *see* Suzuki, S. 119035
Ihlal, A., Hardouin Duparc, O.B.M., Rizk, R. Gettering efficiencies of $\Sigma=25$, $\Sigma=13$ and $\Sigma=9$ silicon bicrystals 94222
Ihlal, A., Rizk, R., Duparc, O.B.M.H. Correlation between the gettering efficiencies and the energies of interfaces in silicon bicrystals 105106
Ihlal, A., Rizk, R., Voivenel, P., Nouet, G. EBIC and DLTS of the electrical activity of Fe-contaminated silicon bicrystals 94462
Ihlmann, F.H. *see* Oelze, B. 61989
Ihloff, E. *see* Jacobs, K. 79916
Ihm, J. *see* Kim, D.S. 114755
Ihm Gukhyung *see* Gukhyung Ihm
Ihm Jong Tae *see* Jong Tae Ihm
Ihn, T., Carmona, H., Main, P.C., Eaves, L., Henini, M. Magnetic-field-induced resonant tunneling in parallel two-dimensional systems 105331
Ihn, T., Gauer, C., Koch, F., Kotthaus, J.P. Anisotropy of the conductivity in δ-doped multilayers 105406
Ihn Chung Hwe *see* Hwe Ihn Chung
Ihn Tae-Hyung *see* Tae-Hyung Ihn
Ihn-Kiel Chang, Stuber, G.L. Soft-limiter RAKE receivers for coded DS/DPSK systems over pulse jammed multipath-fading channels 109355
Ihori, H., Uto, S., Arii, K. Electrooptic measurement of three-dimensional nonuniform electric field mapping in nitrobenzene 110312
Ihra, R. *see* Pernyeszi, J. 103071
Ihs, H., Dufaza, C. Tolerance DC bands of CMOS operational amplifier 63943
Ihsin Cheng David *see* David Ihsin Cheng
Ii, T. *see* Fujiwara, H. 83835
Ii, Y. *see* Kaneda, A. 90564
II Kim Tae *see* Tae II Kim
Ii Min *see* Min Ii
Iickho Song *see* Seong Ro Lee 117338
Iickho Song *see* Youngkwon Ryu 78407
Iickho Song *see* Youngkwon Ryu 78408
Iickho Song *see* Youngkwon Ryu 87376
Iida, A. *see* Itoh, K. 83538
Iida, A. *see* Itoh, K. 93164
Iida, A. *see* Iyama, Y. 83275
Iida, A. *see* Shimozawa, M. 88283
Iida, A. *see* Takami, T. 83530
Iida, F., Okuno, K., Vieira, R., Stoner, J., Thome, R.J., Salpietro, E., Tsuji, H., Egorov, S., Montgomery, D.B. Progress in the ITER Model Coil program 95520
Iida, H., Miura, S., Narita, Y., Kanno, I., Satoh, T., Kitamura, K., Tanaka, K., Amano, M. Real-time weighted integration system for rapid calculation of parametric rate-constant images in 3-dimensional positron emission tomography 101321
Iida, H. *see* Ishigami, S. 108029
Iida, H. *see* Yamamoto, S. 90323
Iida, I., Nishigaya, T. Agent-based personal communication network 99217
Iida, I. *see* Nishigaya, T. 78427
Iida, K., Masaki, M., Makamura, S., Sawa, G. Effect of coupling agent on dielectric breakdown of glass-polyamideimide composite films prepared by sol-gel process 64049
Iida, M. *see* Parnklang, J. 63736
Iida, M. *see* Phetchakul, T. 105858
Iida, M. *see* Sato, Y. 95225
Iida, M. *see* Ying, W.B. 105542
Iida, R. *see* Kasai, H. 85634
Iida, S. *see* Fukuda, T. 92671
Iida, S. *see* Monden, Y. 91397
Iida, S. *see* Tajima, T. 100491

Iida, T., Makita, Y., Shima, T., Kimura, S., Horn, J., Hartnagel, H.L., Uekusa, S.-I. C^+-energy-dependent residual ion damage in GaAs:C grown by the low-energy ion-beam doping method 114621
Iida, T., Suzuki, M., Aihara, M. Proximity effect of electron-hole BCS state in highly excited semiconductors 74337
Iida, T., Uchida, K., Yamamoto, M., Matsui, F. The role of satellite communications in the GII: Japan's approach 109590
Iida, T. *see* Hara, Y. 60581
Iida, T. *see* Itakura, T. 73108
Iida, T. *see* Kadowaki, N. 88439
Iida, T. *see* Oshitani, M. 71665
Iida, T. *see* Warashina, Y. 60637
Iida, Y. *see* Ihara, H. 94236
Iida, Y. *see* Ishizuka, Y. 92889
Iida, Y. *see* Ishizuka, Y. 94424
Iida, Y. *see* Yamaguchi, T. 92888
Iigahama, Y., Fukuhara, M., Nagatani, S. LCD multi-panel display 110294
Iiguni, Y. Hierarchical image coding via cerebellar model arithmetic computers 108700
Iijima, A. *see* Sasaki, H. 73410
Iijima, B. *see* Vilnrotter, V. 66174
Iijima, H. *see* Yoshie, K. 79118
Iijima, K. *see* Li Jianping 120192
Iijima, K. *see* Munaka, T. 99964
Iijima, M., Sato, M., Takahashi, Y. Photoresist characteristics of polyurea films prepared by vapor deposition polymerization depolymerization of polyurea 104109
Iijima, M., Shen, G.H., Takahashi, Y., Fukada, E., Tanaka, A., Sakata, S. Characteristics of pyroelectric sensors of polyurea films prepared by vapor deposition polymerization 64175
Iijima, M. *see* Hattori, T. 64087
Iijima, S. *see* Matsui, Y. 104537
Iijima, T. A method for the limit estimation of convergent sequence of numbers 60911
Iijima, T. *see* Aoki, Y. 108577
Iijima, T. *see* Iima, Y. 98892
Iijima, T. *see* Kimura, H. 85368
Iima, M. *see* Satow, T. 95514
Iima, T., Mizuno, M., Horiuchi, T., Yamashina, M. Capacitance coupling immune, transient sensitive accelerator for resistive interconnect signals of subquarter micron ULSI 61705
Iima, T., Mizuno, M., Horiuchi, T., Yamashina, M. Capacitance coupling immune, transient sensitive accelerator for resistive interconnect signals of subquarter micron ULSI 93206
Iima, Y., Iijima, T., Yamashita, O., Washida, J. Multimedia front office system 98892
Iimori, T. *see* Hattori, K. 83993
Iimura *see* Nishikawa, M. 106870
Iimura, H. *see* Ichikawa, S. 90112
Iimura, T. *see* Higuchi, N. 102606
Iimura, Y., Kobayashi, S., Hashimoto, T., Sugiyama, T., Katoh, K. Alignment control of liquid crystal molecules using photo-dimerization reaction of poly(vinyl cinnamate) 119811
Iimura, Y. *see* Hasebe, P. 119812
Iimura, Y. *see* Hashimoto, T. 89347
Iimura, Y. *see* Kobayashi, S. 89314
Iimura, Y. *see* Nishikawa, M. 106870
Iimuro, S. *see* Sugino, N. 114004
Iimuro, S. *see* Sugino, N. 114007
Iinatti, J. Performance comparison of DS signal data detection using matched filter with median filter and with transversal filter 109509
Iinatti, J., Leppanen, P. Approximated probability density functions for the output signal of coherent matched filter and median filter code acquisition structure in an AWGN channel 99079
Iing-Jar Hsieh *see* Chih-Chong Wang 74055
Iing-Jar Hsieh *see* Chih-Chong Wang 94172
Iinuma, K., Miyata, H., Takahashi, T., Yamamoto, S. Factor for dielectric strength reduction due to fibrous contaminants in XLPE 64119
Iinuma, M. *see* Daigo, M. 120105
Iinuma, T. *see* Okino, T. 99752
Iinuma, T. *see* Yoshie, K. 79118
Iinuma, T.A. *see* Nishizawa, K. 101215
Iio, K. *see* Ishikawa, Y. 73664
Iio, K. *see* Koide, T. 75177
Iitaka, F. *see* Shimoi, N. 89049
Iiyama, M. *see* Nakamura, T. 84899
Iiyama, T. *see* Tsuneoka, M. 73843
Iiyoshi, R., Maruse, S. Tungsten-point-cathode electron gun using electron bombardment for cathode tip heating: cathode life and operating characteristics at cathode temperatures above 2800 K 83721
Iizawa, J., Kamura, Y., Katsumi, T., Miyazaki, M., Kawamoto, K., Masuda, I. Multipoint videoconference system 87883
Iizuka, A. *see* Takeda, M. 112562
Iizuka, H., Endoh, T., Aritome, S., Shirota, R., Masuoka, F. A novel programming method using a reverse polarity pulse in flash EEPROMs 93367
Iizuka, H. *see* Komachiya, M. 100050
Iizuka, M., Kitamura, M. Simplified compression and reconstruction techniques of digital images by means of discrete wavelet transforms 67416
Iizuka, M., Kitamura, M. Simplified digital image compression techniques using a united square matrix for wavelet transforms and a role of difference images for intuitive evaluation between two similar images 86708
Iizuka, S. *see* Yatsuzuka, Y. 77916
Iizuka, T. *see* Ryzhii, V. 64948
Iizuka, T. *see* Ryzhii, V. 89105
Iizuka, Y. *see* Okamoto, K. 118691
Iji, M. *see* Ikuta, Y. 72313
Ijiri, H., Ohgaki, H., Uozumi, Y., Sakae, T., Matoba, M. Development of soft X-ray sources with electron guns of field emission- and thermal cathode-types and their application to counter experiments 83692
Ijsselsteijn, R. *see* Schultze, V. 95485
Ijuin, N. *see* Uchida, H. 118065
Ijumba, N.M., Wekesah, C.W. Potential of renewable energy sources in rural electrification 102522
Ik Cho Nam *see* Nam Ik Cho
Ik Cho Seong *see* Seong Ik Cho
Ik Jeon Soon *see* Soon Ik Jeon
Ik Joe Jn *see* Jn Ik Joe
Ik Kim Dae *see* Dae Ik Kim
Ik Soo Chang *see* Joong Sung Chung 104791
Ik Soo Lee, Jin Kyung Ryeu, Kyung Hoon Lee, Ji Hwan Ryeo, Ho Sun Chung A study on implementation and interconnection of chaotic neuron circuit 73604
Ik-Soo Choi *see* Han-Soo Kim 85043
Ik-Soo Eo *see* KyungHi Chang 78442
Ik-Soo Kim, Hyeong-Ho Lee, Jung-Soo Cho, Jung-Hoo Park A study on the step response characteristics in shielded resistor divider for full lightning impulse voltage 81650
Ikaheimo, J. Modeling and optimization of end section of MFISC model magnet 75367
Ikaheimo, J., Forsman, K., Kettunen, L. Adaptive mesh generation in 2D magnetostatic integral formulations 96934
Ikaheimo, J., Savelainen, M. A 56 mm twin aperture model dipole magnet for the large hadron collider 89904
Ikai Lo, Kao, M.J., Hsu, W.C., Kuo, K.K., Chang, Y.C., Weng, H.M., Chiang, J.C., Tsay, S.F. Photoinduced electron coupling in δ-doped $\mathrm{GaAs/In_{0.18}Ga_{0.82}As}$ quantum wells 105354
Ikalainen, P. *see* Hill, D. 84354
Ikame, M. *see* Kumakura, T. 91342
Ikarashi, K. *see* Hasegawa, N. 115628
Ikarashi, N., Ishida, K. High-resolution transmission electron microscopy of AlAs-GaAs semiconductor superlattices 105315
Ikari, T. *see* Arimura, H. 80216
Ikari, T. *see* Shigetomi, S. 114673
Ikata, O. *see* Hashimoto, K. 104672
Ikata, O. *see* Hirasawa, N. 95330
Ikata, O. *see* Nishihara, T. 106451
Ikawa, N. *see* Uchikoshi, J. 79689
Ikawa, S. *see* Edamatsu, H. 83152
Ikawa, T. *see* Sonoi, Y. 70494
Ike, K., Sato, H. Hybrid optical resonator type laser proposed for direct coupling into optical fiber 96573
Ikebe, M. *see* Ohki, H. 86663
Ikebe, S. *see* Kudoh, T. 120269
Ikebe, Y. *see* Asai, N. 92597
Ikebe, Y. *see* Ohashi, T. 99891
Ikebukuro, K., Wakamura, H., Karube, I., Kubo, I., Inagawa, M., Sugawara, T., Arikawa, Y., Suzuki, M., Takeuchi, T. Phosphate sensing system using pyruvate oxidase and chemiluminescence detection 110236
Ikeda, B. *see* Katagiri, A. 102603
Ikeda, B. *see* Takao, T. 102604
Ikeda, C. *see* Hongqing Li 87805
Ikeda, C. *see* Hongqing Li 108842
Ikeda, C. *see* Li, H. 77986
Ikeda, C. *see* Ohsaki, H. 77606
Ikeda, C. *see* Ohsaki, H. 77662
Ikeda, C. *see* Ohsaki, H. 77668
Ikeda, D.M. *see* Heang-Ping Chan 110727
Ikeda, H., Kosugi, H., Uwano, T. A low distortion and high efficiency parallel-operation power amplifier combined in different phases in wide range of load impedances 82966
Ikeda, H., Okuda, S., Ttani, Y., Tanabe, S., Hattori, A., Takita, H. The new chassis and auto-degauss coil of a CRT display monitor 89248
Ikeda, H., Saitoh, Y., Yamanaka, J., Kitta, T. Single-channel prototype of a CMOS SVD preamplifier for the B-factory experiment, BELLE 69863
Ikeda, H., Tsuboyama, T., Okuno, S., Saitoh, Y., Akamine, T., Satoh, K., Inoue, M., Yamanaka, J., Mandai, M., Takeuchi, H., Kitta, T., Miyahara, S., Kamiya, M. Charge-partitioning study of a wide-pitch silicon micro-strip detector with a 64-channel CMOS preamplifier array 100804
Ikeda, H. *see* Ara, K. 69394
Ikeda, H. *see* Asada, H. 108478
Ikeda, H. *see* Asada, H. 118513
Ikeda, H. *see* Avrillon, S. 80033
Ikeda, H. *see* Avrillon, S. 100851
Ikeda, H. *see* Choi, Y. 68027
Ikeda, H. *see* Ezawa, H. 80081
Ikeda, H. *see* Ezawa, H. 100931
Ikeda, H. *see* Hazumi, M. 100854
Ikeda, H. *see* Kaga, S. 91887
Ikeda, H. *see* Kamiya, M. 68424
Ikeda, H. *see* Kamiya, M. 100077
Ikeda, H. *see* Kamiyama, N. 78117
Ikeda, H. *see* Mizutani, M. 81976
Ikeda, H. *see* Nishio, T. 119211
Ikeda, H. *see* Nobori, T. 90129
Ikeda, H. *see* Nobori, T. 100962
Ikeda, H. *see* Ohashi, T. 99891
Ikeda, H. *see* Saitoh, Y. 80027
Ikeda, H. *see* Saitoh, Y. 100838
Ikeda, H. *see* Shibata, T. 65586
Ikeda, H. *see* Shibata, T. 110377
Ikeda, H. *see* Shinoda, H. 105466
Ikeda, H. *see* Suzuki, T. 71502
Ikeda, H. *see* Tode, H. 78190
Ikeda, H. *see* Tsuboyama, T. 100836
Ikeda, H. *see* Ueno, Y. 98362
Ikeda, H. *see* Wakai, K. 119382
Ikeda, H. *see* Wu, Y. 68426
Ikeda, H. *see* Yoshikawa, K. 84872
Ikeda, K. Quantitative evaluation of pain by analyzing non-invasively obtained physiological data with particular reference to joint healing with continuous passive motion 120275
Ikeda, K., Ashizawa, T., Adachi, K., Kamada, I. Integrated systems for automated power distribution 81041
Ikeda, K., Moriya, T., Iwakami, N., Miki, S. A design of Twin VQ audio-codec for personal communication systems 67990
Ikeda, K., Nakayama, S., Maeda, M. Characteristics of silicon dioxide films on patterned substrates prepared by atmospheric-pressure chemical vapor deposition using tetraethoxysilane and ozone 61408
Ikeda, K. *see* Hashimoto, O. 110325
Ikeda, K. *see* Ito, M. 111476
Ikeda, K. *see* Katsuki, A. 112884
Ikeda, K. *see* Kawabe, H. 87617
Ikeda, K. *see* Kubodera, K. 63847
Ikeda, K. *see* Kubodera, K. 113577
Ikeda, K. *see* Okumura, F. 100198
Ikeda, K. *see* Sugawara, Y. 80966
Ikeda, K. *see* Tsuda, K. 77477
Ikeda, K. *see* Yoshio, M. 112283
Ikeda, M., Kashima, T., Kato, K., Okouchi, T., Tamura, T., Izumi, H. A small-capacity satellite communication system for the Kyushu Electric Power Company 80868
Ikeda, M., Mizuno, E., Hori, M., Goto, T., Yamada, K., Hiramatsu, M., Nawata, M. Diamond film formation by OH radical injection from remote microwave H_2/H_2O plasma into parallel-plate RF methanol plasma 113467
Ikeda, M., Okubo, T., Abe, T., Ito, Y., Tashiro, Y., Kasai, R. A hardware/software concurrent design for a real-time SP@ML MPEG2 video-encoder chip set 73416
Ikeda, M., Shibata, T., Makino, E., Takahashi, Y., Ono, A., Matsumoto, F. Study on laser breaking of glass plate. I. Generation and growth of vertical cracks by scribing 76318
Ikeda, M., Umeshima, Y., Tanaka, Y., Takada, T. Development of new crosslinked polyethylene for DC power cable insulator 64145
Ikeda, M. *see* Asada, T. 64143
Ikeda, M. *see* Fujii, T. 73450
Ikeda, M. *see* Hanai, M. 75012
Ikeda, M. *see* Hiramatsu, M. 72952
Ikeda, M. *see* Inoue, T. 81526
Ikeda, M. *see* Kaibazawa, H. 98931
Ikeda, M. *see* Komatsu, S. 113516
Ikeda, M. *see* Nagayoshi, H. 105621
Ikeda, M. *see* Nakai, Y. 69421
Ikeda, M. *see* Nakai, Y. 89269
Ikeda, M. *see* Nanto, H. 85265
Ikeda, M. *see* Okamoto, T. 64127
Ikeda, M. *see* Okuyama, H. 65243
Ikeda, M. *see* Toda, K. 81527
Ikeda, M. *see* Togawa, Y. 81510
Ikeda, M. *see* Totani, H. 89098
Ikeda, M. *see* Wakabayashi, S. 74923
Ikeda, M. *see* Yoshida, J. 64998
Ikeda, N., Ohkubo, M., Osabe, J., Nomura, T., Shiojima, T., Ninomiya, T., Kashiwa, S. Development of graded-GaAsP bases in heterojunction bipolar transistors 115155
Ikeda, N. *see* Hirano, N. 89257
Ikeda, N. *see* Hirano, N. 119818
Ikeda, N. *see* Jeong, S.C. 100438
Ikeda, N. *see* Sudo, S. 105676
Ikeda, R. *see* Quist, S. 79468
Ikeda, S., Ito, Y. New state of fuel cell commercialization 112316
Ikeda, S. *see* Maeda, Y. 85700
Ikeda, S. *see* Matsuyama, K. 115626
Ikeda, S. *see* Miura, H. 74752
Ikeda, S. *see* Sugiyama, A. 114092
Ikeda, S. *see* Yoh, K. 84439
Ikeda, S. *see* Yoshida, A. 82733
Ikeda, T., Ikeda, T. Earthquake-resistant type 6 kV substation tower delivered to Hanshin Expressway Public Corporation 121815
Ikeda, T., Sampei, S., Morinaga, N. TDMA based adaptive modulation with dynamic channel assignment (AMDCA) for large capacity voice transmission in microcellular systems 77702
Ikeda, T., Watanabe, K., Yamaguchi, H., Nishizawa, H., Tamba, N., Usami, M., Natsuaki, N. High performance bipolar SOI technology 63909
Ikeda, T. *see* Hata, N. 94238
Ikeda, T. *see* Ikeda, T. 121815
Ikeda, T. *see* Iyama, Y. 73793
Ikeda, T. *see* Kashiwaba, Y. 94565
Ikeda, T. *see* Sato, H. 78535
Ikeda, T. *see* Takubo, Y. 99806
Ikeda, T. *see* Ueda, Y. 122033
Ikeda, T. *see* Yamane, T. 90607

Ikeda, Y., Nakajima, T. Burst digital correlator as laser-Doppler velocimetry signal processor 89566
Ikeda, Y., Sonobe, Y., Uchida, H., Toyooka, T. Noise and $\Delta M\perp$ analysis of a Cr-rich Co-Cr perpendicular medium for an MR head 115773
Ikeda, Y., Yokoi, M., Oda, M., Tamaki, M., Matsumoto, G. Correction of scattering neutron effects on neutron CT 104237
Ikeda, Y. *see* Ishida, M. 75046
Ikeda, Y. *see* Kawakyu, K. 88240
Ikeda, Y. *see* Kita, E. 61088
Ikeda, Y. *see* Kita, E. 61089
Ikeda, Y. *see* Kita, E. 61094
Ikeda, Y. *see* Miwa, H. 73345
Ikeda, Y. *see* Ninomiya 64569
Ikeda, Y. *see* Sakai, H. 73805
Ikeda, Y. *see* Santoso, B. 108567
Ikeda, Y. *see* Sonobe, Y. 115767
Ikedo, J., Kataoka, A. Low complexity speech coder for personal multimedia communication 68292
Ikedo, J. *see* Kataoka, A. 88007
Ikedo, J. *see* Kataoka, A. 97627
Ikedo, T. A multimedia VR system 98844
Ikedo, Y. *see* Kawada, K. 102243
Ikegami, F. *see* Maeyama, T. 118759
Ikegami, I. *see* Chinzei, Y. 74557
Ikegami, K. *see* Horie, M. 115378
Ikegami, K. *see* Kinsho, M. 120078
Ikegami, K. *see* Shinto, K. 90092
Ikegami, M. Visualization of temperature distribution using CT from resistance of metal thin wire 89549
Ikegami, M. *see* Kando, M. 100698
Ikegami, M. *see* Noda, A. 79988
Ikegami, M. *see* Shirai, T. 89766
Ikegami, N., Matsui, T., Kanamori, J. Dry-etching mechanism of sputtered $Pb(Zr_{1-x}Ti_x)O_x$ film 74563
Ikegami, N. *see* Miyakawa, Y. 74577
Ikegami, T., Slyusarev, S., Ohshima, S., Sakuma, E. Accuracy of an optical parametric oscillator as an optical frequency divider 76130
Ikegami, T., Slyusarev, S., Ohshima, S., Sakuma, E. Long term operation of a cw doubly resonant optical parametric oscillator 76172
Ikegami, T. *see* Huan-Bang Li 66264
Ikegami, T. *see* Okazawa, H. 119101
Ikegami, T. *see* Slyusarev, S. 85707
Ikegami, T. *see* Yoshimura, N. 109594
Ikegami, Y. *see* Fukushima, T. 118660
Ikegami, Y. *see* Nakai, H. 92860
Ikegami, Y. *see* Uehara, H. 81359
Ikegaya, K., Miyashita, I., Sugihara, O., Okamoto, N., Egami, C. Effect of UV exposure on poled organic-inorganic films for channel waveguide fabrication 85044
Ikegaya, K. *see* Kawata, K. 73884
Ikeguchi, S. *see* Kanayama, H. 107768
Ikehara, A. *see* Saraie, J. 74217
Ikehara, A. *see* Takeuchi, Y. 80865
Ikehara, M. *see* Fukuoka, T. 77027
Ikehara, M. *see* Matsuyama, K. 117526
Ikehara, M. *see* Nagai, T. 66685
Ikehara, M. *see* Nagai, T. 77029
Ikehara, M. *see* Nagai, T. 83229
Ikehara, M. *see* Nagai, T. 114110
Ikehara, M. *see* Okuda, M. 77024
Ikehara, M. *see* Okuda, M. 117369
Ikehara, M. *see* Tsutsui, S. 117528
Ikei, Y., Fukuda, S. Tactile display presenting a surface texture sensation 69410
Ikejiri, T. *see* Kawamoto, A. 64125
Ikemura, K. *see* Ogawa, Y. 68494
Ikenaga, T. *see* Niwa, A. 118383
Ikeno, M. *see* Shirasu, H. 90226
Ikeno, M. *see* Shirasu, H. 100961
Ikeno, R., Asada, K. Optimum design of device parameters for switching energy minimization using circuit simulation 113693
Ikeno, R., Asada, K. Optimum design of device parameters for switching energy minimization using circuit simulation 113694
Ikeo, I., Morooka, H., Shinohara, H., Takenouchi, A., Takagi, N., Arai, Y. Fabrication and properties of flexible a-Si:H solar cells with textured Al-Si alloy electrodes 102993
Ikeshita, T. *see* Matsuda, T. 95962
Ikesue, A., Kamata, K., Yoshida, K. Effects of neodymium concentration on optical characteristics of polycrystalline Nd:YAG laser materials 107218
Iketani, M. *see* Kosugi, R. 73327
Ikeuchi, K., Shakunaga, T., Wheeler, M.D., Yamazaki, T. Invariant histograms and deformable template matching for SAR target recognition 88667
Ikeuchi, K. *see* Heung-Yeung Shum 77328
Ikeuchi, K. *see* Heung-Yeung Shum 86424
Ikeuchi, K. *see* Higuchi, K. 108434
Ikeuchi, K. *see* Shafer, S.A. 67473
Ikeuchi, K. *see* Shum, H.-Y. 117682
Ikeuchi, K. *see* Solomon, F. 66939
Ikeuchi, N. *see* Hirose, T. 99384
Ikeuchi, S. *see* Tosaka, S. 111636
Ikeya, M. *see* Adachi, K. 111402
Ikeya, T. *see* Warashina, Y. 60637
Ikeyama, M. *see* Nakao, S. 114591
Ikezaki, H., Komai, H., Naito, Y., Toukubo, R., Sato, K., Maeda, N. SA401 Taste Sensing System 69331
Ikezawa, M. *see* Hayakawa, K. 96456
Ikezawa, T. *see* Hane, M. 84540
Ikezawa, Y. *see* Takamura, T. 81676
Ikezawa, Y. *see* Takamura, T. 112306
Ikezi, H. *see* Phelps, D.A. 108031
Ikezoe, H., Nagame, Y., Ikuta, T., Hamada, S., Nishinaka, I., Ohtsuki, T. JAERI recoil mass separator 100991
Ikezoe, J. *see* Ueguchi, T. 66791
Ikezouhene, M., Meziane, B., Stephan, G.M. Dynamical response of modulated Nd-doped kilometric fibre lasers 85399
Iki, H. Development of large-capacity multiple-phase rectifier model for industrial use by utilizing EMTP 112074
Iki, Y. *see* Nakajima, K. 68741
Ikoma, M., Hamada, S., Morishita, N., Hoshina, Y., Matsuda, H., Ohta, K., Kimura, T. Development of a nickel/metal hydride battery (Ni/MH) system for EV application 71669
Ikoma, M., Hoshina, Y., Matsumoto, I., Iwakura, C. Self-discharge mechanism of sealed-type nickel/metal-hydride battery 81715
Ikoma, M. *see* Ohta, K. 71664
Ikoma, N. Estimation of time varying peak of power spectrum based on non-Gaussian nonlinear state space modeling 76997
Ikoma, N., Ohkouchi, S. Scanning tunneling microscopy of surface structures of InAs layers on GaAs (001) substrates 105149
Ikoma, T. *see* Ishikuro, H. 74722
Ikoma, T. *see* Noguchi, M. 114734
Ikoma, T. *see* Wang, S. 114779
Ikoma, Y., Watanabe, F., Motooka, T. Epitaxial growth of β-SiC by tetramethylsilane supersonic free jets: precursor control effects 104043
Ikonen, E., Karha, P., Lassila, A., Mnnoochehri, F., Fagerlund, H., Liedquist, L. Radiometric realization of the candela with a trap detector 89101
Ikonen, E. *see* Abramova, L. 88898
Ikonen, E. *see* Liedquist, L. 88905
Ikonen, E. *see* Talvitie, H. 107291
Ikonen, J.-P. *see* Pulliainen, J.T. 70459
Ikonen, K. *see* Hirvonen, J. 67426
Ikonic, Z. *see* Milanovic, V. 63063
Ikonic, Z. *see* Milanovic, V. 96638
Ikonnikov, V.K., Maliavine, V.P., Plotnikov, V.A., Feofilaktov, V.A. The development of self-contained mobile technological CO_2 GDL on the basis of gas-turbine engine 107085
Ikonnikov, V.K., Yegoyantc, P.A., Bersh, A.V., Bungova, T.A., Lavrov, A.V. Characteristics of a noncomplete combustion-driven downstream-mixing CO_2-GDL 107086
Ikossi-Anastasiou, K. *see* Valsaraj, N. 63610
Ikramov, K.D. The unitary factor in the polar representation of a positively stable matrix 61003
Ikramov, Kh. *see* George, A. 61017
Ikryannikov, N.P. *see* Kharitonov, V.V. 107428
Iksoo Chang *see* Youngchan Moon 104777
Iksoo Pyo *see* Jaewon Oh 82862
Ikuhara, Y. *see* Oobuchi, T. 81828
Ikuhara, Y. *see* Stemmer, S. 103841
Ikuina, K., Kimura, M., Utsumi, K., Ohmagari, S., Kosugi, Y., Yamamoto, O. Glass-ceramic multichip module for satellite microwave communication systems 94139
Ikunishi, S. *see* Fujimura, M. 116433
Ikuno, H., Nishimoto, M. Extended ray analysis of electromagnetic wave scattering from 3-D smooth objects 97059
Ikuno, H. *see* Kawano, M. 116873
Ikushima, K. *see* Umeda, K. 77528
Ikuta, H. *see* Li Guohua 91718
Ikuta, H. *see* Uchida, T. 121845
Ikuta, H. *see* Wakihara, M. 81662
Ikuta, K. Biomedical micro device fabricated by micro stereo lithography (IH process). "Metabiotic device"–a synthetic approach for life science 70186
Ikuta, K., Kato, T., Nagata, S. Micro active forceps with optical fiber scope for intra-ocular microsurgery 80426
Ikuta, K., Ogata, T., Tsubio, M., Kojima, S. Development of mass productive micro stereo lithography (Mass-IH process) 74947
Ikuta, K. *see* Kunji Chen 94284
Ikuta, N. *see* Fukuyama, T. 83684
Ikuta, T. *see* Ichikawa, S. 90112
Ikuta, T. *see* Ikezoe, H. 100991
Ikuta, Y., Iji, M., Ayukawa, D., Shibano, S. A pyrolysis-based technology for recovering useful materials from IC package molding resin waste 72313
Il Bang Chong *see* Chong Il Bang
Il Chien Sung *see* Sung Il Chien
Il Choi Young *see* Young Il Choi
Il Dong Yun, Sang Uk Lee Retrieving the reflectance parameters from range and brightness data 87026
Il Dong Yun *see* Hee Soo Yang 72321
Il Dong Yun *see* Sang Ho Park 87064
Il Eom Cheon *see* Cheon Il Eom
Il Hong suh, Tae Won Kim A visual servoing algorithm using fuzzy logics and fuzzy-neural networks 86784
Il Jeong Tae *see* Tae Il Jeong
Il Jin Park *see* Do Run Kim 90343
Il Jun Yong *see* Yong Il Jun
Il Kang Young *see* Young Il Kang
Il Kim, Jong-Seok Kim, Bok-Won Cho, Sung-Duck Ahn, Chun, J.S., Won-Jong Lee Effects of deposition temperature on the electrical properties of electron cyclotron resonance, plasma-enhanced chemical vapor deposition Ta_2O_5 film and the formation of interfacial SiO_2 72878
Il Kim Dong *see* Dong Il Kim
Il Lee Dong *see* Dong Il Lee
Il Lim Seong *see* Seong Il Lim
Il Min Seung *see* Seung Il Min
Il Park Sang *see* Sang Il Park
Il Park Se *see* Se Il Park
Il Song Jin *see* Jin Il Song
Il Yong Choe *see* Sato, Y. 95225
Il-Dong Kim, Jong-Keun Park Auto-reclosing dead time control using artificial neural network based on-line transient stability assessment 111673
Il-Dong Kim *see* Chul-Hwan Kim 81079
Il-Han Park, In-Gu Kwak, Hyang-Beom Lee, Ki-Sik Lee, Song-Yop Hahn Optimal design of transient eddy current systems driven by voltage source 107765
Il-Han Park, In-Gu Kwak, Hyang-Beom Lee, Song-Yop Hahn, Ki-Sik Lee Design sensitivity analysis for transient eddy current problems using finite element discretization and adjoint variable method 71913
Il-Han Park *see* Hyang-Beom Lee 102720
Il-Jeong Lee *see* Dong-Hwan Kim 113420
Il-Jong Kim, Yong-Hoon Cho, Kwan-Shik Kim, Byung-Doo Choe, Lim, H. Band line-up transition in $Al_xGa_{1-x}As/In_{0.5}Ga_{0.5}P$ from capacitance-voltage analysis 74346
Il-Jung Kim *see* Matsumoto, S. 63657
Il-Seok Oh *see* Hyeon-Soo Ahn 87021
Ilac, A., Dongchen Lu Design and implementation of the user interface in a multimedia conference system 118627
Ilaiwi, K.F. Screening effect on polarizabilities of shallow donors and accepters in infinite-barrier quantum wells 114764
Ilan Fanshi *see* Song Yunzian 112795
Ilan-Ill Yoo *see* Chan-Soo Kim 81792
Ilas, C., Griva, G., Profumo, F. Wide range speed sensorless induction motor drives with rotor resistance adaptation 112445
Ilas, C., Magureanu, R. An improved speed sensorless scheme for vector-controlled induction motor drives 121958
Ilavarasan, P. *see* Chen, K.M. 99656
Ilavarasan, P. *see* Norman, A. 88669
Ilchenko, M.E. *see* Poplavko, Y.M. 64086
Il'chenko, V.S. *see* Vasil'ev, V.V. 107329
Ilchishin, I.P., Vakhnin, A.Y. Detecting of the structure distortion of cholesteric liquid crystal using the generation characteristics of the distributed feedback laser based on it 95847
Ilderem, V. *see* Denton, H. 105644
Ildis, B. *see* Rattay, B. 114311
Ildstad, E. Status and trends in diagnostics of polymeric high voltage cables 91174
Ildstad, E. *see* Hvidsten, S. 102168
Ilegems, M. *see* Amano, C. 103936
Ilegems, M. *see* Averin, S. 94637
Ilegems, M. *see* Beck, M. 95077
Ilegems, M. *see* Carlin, J.F. 103901
Ilegems, M. *see* Carlin, J.F. 103958
Ilegems, M. *see* Haddab, Y. 63762
Ilegems, M. *see* Mur, L.C. 106692
Ilegems, M. *see* Ren, L. 104825
Ilegems, M. *see* Spicher, J. 85281
Ilegems, M. *see* Spicher, J. 109630
Ilegems, M. *see* Stanley, R.P. 62860
Ileri, A., Moshiri, S. Effects of common fuel and heating system options on the energy usage, pollutant emissions and economy 122089
Ilev, I., Kumagai, H., Toyoda, K., Koprinkov, I. Highly efficient wideband continuum generation in a single-mode optical fiber by powerful broadband laser pumping 76148
Ilev, I.K., Kumagai, H., Toyoda, K. A widely tunable (0.54-1.01 μm) double-pass fiber Raman laser 107157
Ilev, I.K., Kumagai, H., Toyoda, K. A fiber-optic autocollimation refractometric method for dispersion measurement of bulk optical materials using a widely tunable fiber Raman laser 119711
Il'gamov, M.A. An equation for the severe bending of a superconducting cable 102181
Ilgyu Jung, Taekoo Lee, Joonghyun Baek, Hyungho Kim Optimization of TAB inner lead bonding process 104967
Ilhun Son, Joon-Ho Lee, Ki-Sik Lee Adaptive mesh refinement in 2-D FE solver for Poisson's equations 96912
Ilhyun Park, Sukil Kim A communication-performance comparison of chordal-ring and modified chordal ring networks 78073
Ilic, A. *see* Awad, M. 103052
Ilic, A. *see* Lu, E. 102669
Ilic, M.D. *see* Zobian, A. 70731
Il'ichev, E., Poltoratskii, E.A., Rychkov, G.S., Khainovskii, V.I. Temperature limitations of the operation of gallium arsenide integrated circuits 84507
Il'ichev, E.A. *see* Akhin'ko, I.A. 63959
Il'ichev, E.A. *see* Maksimov, S.K. 61276
Ilichev, N.N., Kiryanov, A.V., Pashinin, P.P., Sandulenko, V.A., Sandulenko, A.V. Nonlinear absorption anisotropy in $YAG:V^{3+}$ crystal 106756
Ilie, A. *see* Pochet, T. 80071

Ilie, M. *see* Moldovan, N. 74609
Ilie, S. *see* Adam, W. 69709
Ilie, S. *see* Fuerstenau, H. 69740
Iliescu, E., Banu, V. Electron beam technology for improvement of the recovery characteristics of power thyristors 94948
Iliescu, F. *see* Zaharescu, T. 64029
Iliescu, M., Roman, T., Culcer, M., Curuia, M. System for the measurement and control of the parameters of the cryogenic equipment using a personal computer 119823
Iliescu, M. *see* Curuia, M. 69879
Iliescu, R. *see* Culcer, M. 119929
Iliev, A. *see* Buchvarov, I. 107182
Iliev, I. *see* Kaisheva, A. 119747
Ilieva, R. *see* Kovatchev, M. 85767
Il'in, A.A. *see* Antonov, V.I. 120954
Il'in, E.M. *see* Zakharchenko, Y.F. 83742
Il'in, E.M. *see* Zakharchenko, Yu.F. 74004
Il'in, V.A., Raizer, V.Yu., Rosiiskii, A.V., Sosnovskii, Yu.M. Temperature dependence of the dielectric permittivity of frozen sand 111075
Ilin, V.A. *see* Gudkov, A.L. 110346
Il'in, V.K. Preconditions for introducing controllable electric drives at distribution centers in Moscow 102412
Il'in, V.N. Application of Fresnel diffraction for dimensional control of holes 69498
Il'in, Yu.K. *see* Bovina, L.A. 99985
Il'inskaya, N.D. *see* Toropov, A.A. 63007
Il'inskii, A.S. *see* Al'khovskii, E.A. 88075
Il'inskii, A.S. *see* Berezhnaya, I.V. 85952
Il'inskii, N.F. Energy-saving pump electric drives 103060
Il'inykh, Yu.S., Chashechkin, Yu.D., Levtsov, V.I., Belyaev, V.S. Precision hydrological probe for oceanological studies 80667
Iljima, N. *see* Azegami, H. 93467
Iljima, T., Shimooka, Y., Suguro, K. Inlaid Cu interconnects employing Ti-Si-N barrier metal for ULSI applications 63464
Iljinov, A.N. *see* Birukov, I.N. 89720
Ilker Karsilayan, A. *see* Oralkan, O. 104698
Il'kiv, V.S. Weighted matrix pencil method for estimating exponents in noise 66778
Ilkov, F.A. *see* Brodeur, A. 96591
Ill Park Seong *see* Seong Ill Park
Illarionova, E.A., Larionov, V.P. The calculation of probability of lightning strikes to conductors of ground-wire protected overhead lines 102191
Illchenko, M. *see* Sunduchkov, K. 99435
Illgner, E., Praefcke, W., Muller, F. Multiresolution motion estimation 66992
Illgner, K. *see* Muller, F. 67016
Illgner, M., Overhof, H. Electronic structure and hyperfine interactions of 3d transition element ions in CdTe 74271
Illich, J. Intelligent sensors improve process control 115277
Illing, F. *see* Al-Hilal, S. 71189
Illing, G. *see* Dix, W.R. 70096
Illingworth, J. *see* Hilton, A. 67230
Illingworth, R. *see* Brown, K.M. 65577
Illy, E.K., Glover, A.C.J., Withford, M.J., Piper, J.A. High speed micro-machining with UV-copper vapour lasers 106252
Ilow, J., Hatzinakos, D. Impulsive noise modeling with stable distributions in fading environments 118809
Ilow, J., Hatzinakos, D., Venetsanopoulos, A.N. Performance bounds evaluation of FH SS radio networks with interference modeled as a mixture of Gaussian and alpha-stable noise 85902
Ils, P., Wang, K.H., Forchel, A., Pagnod-Rossiaux, P., Goldstein, L. Lateral subband transitions in ultranarrow InGaAs/InP quantum wires 62921
Ils, P. *see* Forchel, A. 114732
Ils, P. *see* Wang, K.H. 62986
Ilsu Powen *see* Powen Ilsu
Ilsun Kim *see* Chansik Park 68763
Iltis, R.A. Performance bounds for decorrelator detectors in a QS-CDMA system 68101
Iltis, R.A. *see* Agate, C.S. 108653
Iltis, R.A. *see* Giridhar, K. 99361
Ilwun Shim *see* Soon T. Hwang 61348
Ilyas, M., Alsaka, Y. Threshold-based congestion control in ATM networks 108794
Ilyas, M. *see* Barrantes-Sliesarieva, E.G. 109385
Ilyas, M. *see* Nayak, C. 109164
Ilyas, N. *see* Khan, Z.H. 105202
Ilyas, Q.S.M., Potter, M.E. Experimental evaluation of moisture-induced failures of surface mount plastic packages 112918
Il'yashenko, I.N., Strokan, N.B. Shape of the spectral line of silicon-based ion detectors 120191
Ilyashenko, I.N. *see* Eremin, V.K. 105095
Ilyasov, B.G. *see* Babak, S.F. 113156
Ilyenko, O.S. *see* Udod, E.I. 81130
Ilyenkov, A.V., Khiznyak, A.I., Kreminskaya, L.V., Soskin, M.S., Vasnetsov, M.V. Birth and evolution of wavefront dislocations in laser beam passed through photorefractive $LiNbO_3$ crystal 85672
Ilyin, S.P. *see* Adamenkov, A.A. 116321
Ilyin, V.I. *see* Kharchenko, V.P. 120504
Ilyin, Yu.A. *see* Dudarev, A.V. 95425
Ilyinsky, S.V. *see* Zhuravlev, Yu.I. 67327
Il'yushenko, N. *see* Titov, A.A. 93156
Im, D.H., Chang, J.H., Kim, B.T., Park, S.C., Hong, J.P., Kwon, B.I. Analysis of radial force as a source of vibration in an induction motor with skewed slots 102707
Im, E. *see* Haddad, Z.S. 80648
Im, E. *see* Haddad, Z.S. 80654
Im, E. *see* Haddad, Z.S. 80655
Im, H.S. *see* Kim, T.-G. 114749
Im, J.-W. *see* Onuki, T. 111896
Im, J.S., Sposili, R.S. Crystalline Si films for integrated active-matrix liquid-crystal displays 100251
Im, J.S. *see* Song, H.J. 72877
Im, P., Wingate, M., Bin Qiu A cluster prototype centring by membership algorithm for fuzzy clustering 86804
Im, S., Lie, D.Y.C., Nicolet, M.-A. Advantage of short over long annealing to activate As implanted in metastable pseudomorphic $Ge_{0.08}Si_{0.92}$ layers on Si(100) 63227
Im, S. *see* Lie, D.Y.C. 74512
Im, S.T. *see* Choi, B. 91712
Im, Y.J., Kim, C.M. Design rules of three-waveguide optical switches 116111
Im Choongjae *see* Choongjae Im
Im Dal-Ho *see* Dal-Ho Im
Im Duck-Bin *see* Duck-Bin Im
Im Gi-Hong *see* Gi-Hong Im
Im Pil-Gyu *see* Pil-Gyu Im
Im Sungbin *see* Sungbin Im
Im Tae Kyun *see* Tae Kyun Im
Im Young Joon *see* Young Joon Im
Imada, G. *see* Komi, T. 116328
Imada, H. *see* Tumiran 106304
Imada, S., Muro, T., Suga, S., Kobayashi, K., Maruyama, H., Yamazaki, H. MCD in soft X-ray absorption of $Nd_2Fe_{14}B$ 75146
Imadojemu, H. A new approach to teaching a required technical course 82109
Imae, H. *see* Kaneko, A. 101543
Imae, M., Hama, S., Yoshino, T. Crustal deformation monitoring system for the Tokyo metropolitan area. VLBI system for Key Stone Project. Real-time VLBI system. The concept of real-time VLBI system for the Key Stone Project 101529
Imae, M., Kurihara, N., Takahashi, Y., Kondo, T., Takaba, H., Iwata, T., Kiuchi, H., Koyama, Y., Hanado, Y., Sekido, M., Heki, K., Yoshino, T., Hama, S. VLBI system for Key Stone Project. The design concept of the VLBI system for the Key Stone Project 101522
Imae, M. *see* Amagai, J. 101542
Imae, M. *see* Hama, S. 101530
Imae, M. *see* Hanado, Y. 101525
Imae, M. *see* Kato, T. 70470
Imae, M. *see* Kiuchi, H. 93493
Imae, M. *see* Kiuchi, H. 101524
Imae, M. *see* Kurihara, N. 101523
Imae, M. *see* Kurihara, N. 101545
Imae, M. *see* Miki, C. 101544
Imae, M. *see* Yoshino, T. 101546
Imaeda, K. *see* Kawamura, H. 81169
Imaeda, M. *see* Imai, K. 116704
Imaeda, Y. *see* Hirano, S. 69932
Imafuji, O. *see* Takayama, T. 65272
Imafuji, O. *see* Takayama, T. 116270
Imagawa, H. *see* Yumiba, H. 98822
Imagawa, S., Yanagi, N., Yamaguchi, S., Satow, T., Yamamoto, J., Motojima, O., Senba, T., Suzuki, S., Nakanishi, K., Asano, K., Yamagiwa, T. Construction of helical coil winding machine for LHD and on-site winding 95515
Imagawa, S. *see* Nishimura, A. 92982
Imagawa, S. *see* Satow, T. 95514
Imagawa, S. *see* Takahata, K. 95516
Imagawa, T. *see* Fukuda, M. 104771
Imahashi, K. *see* Shimamoto, S. 95590
Imai, A., Hasegawa, N., Asai, N., Okazaki, S., Terasawa, T., Tanaka, T. KrF excimer laser lithography for gigabit-scale DRAM 94858
Imai, A. *see* Nakamura, A. 110942
Imai, D. *see* Cain, W. 115667
Imai, H., Imai, M., Ogura, Y., Kubota, K. Eye-position tracking stereoscopic display using image shifting optics 100221
Imai, H., Tani, S., Sekine, K. Ordered binary decision diagrams, graph theory and computational geometry 92482
Imai, H. *see* Hassan, A.A. 68391
Imai, H. *see* Horinouchi, S. 76150
Imai, H. *see* Horinouchi, S. 85674
Imai, H. *see* Horinouchi, S. 116724
Imai, H. *see* Isaka, M. 68317
Imai, H. *see* Iwatani, J. 67567
Imai, H. *see* Katoh, T. 117240
Imai, H. *see* Kobara, K. 117241
Imai, H. *see* Morelos-Zaragoza, R. 119432
Imai, H. *see* Mori, T. 117167
Imai, H. *see* Nagaoka, N. 111589
Imai, H. *see* Tanaka, A. 67440
Imai, H. *see* Yamaguchi, K. 66303
Imai, K., Taniuchi, T., Fukuda, T., Imaeda, M. SHG properties of $K_3Li_{2-x}Nb_{5+x}O_{15+2x}$ single crystals grown by the micro-pulling-down method 116704
Imai, K. *see* Itsumi, M. 94772
Imai, K. *see* Madihian, M. 99333
Imai, K. *see* Sawada, T. 83892
Imai, K. *see* Shibata, Y. 91522
Imai, K. *see* Suzuki, K. 74140
Imai, K. *see* Suzuki, K. 74141
Imai, K. *see* Unno, H. 63156
Imai, K. *see* Yoshida, H. 84230
Imai, M., Adachi, T., Takamatsu, K., Imai, Y. Numerical analysis of nonlinear optical fiber couplers with a Gaussian mode field distribution 116023
Imai, M., Naito, H., Okuda, M., Sugimura, A. Measurement of rotational viscosity and pretilt angle in nematics from transient current 95867
Imai, M., Uno, T. Qualitative depth from zooming [computer vision] 87007
Imai, M. *see* Binh, N.N. 113871
Imai, M. *see* Imai, H. 100221
Imai, M. *see* Nguyen Ngoc Binh 83153
Imai, M. *see* Shi Yi 74109
Imai, N., Banba, S., Suematsu, E., Sawada, H. Millimeter-wave fiber optic technologies for subcarrier transmission systems 68497
Imai, N., Kawamura, H., Imaoka, T., Ogawa, E. Millimeter wave personal communications system using fiber-optic links 68251
Imai, N., Minakawa, A., Okazaki, H. Novel high-isolation FET switches 63769
Imai, N. *see* Fukuda, K. 95000
Imai, N. *see* Ida, Y. 114237
Imai, N. *see* Imaoka, T. 114307
Imai, N. *see* Kashiro I, T. 94999
Imai, N. *see* Kawamura, H. 116283
Imai, N. *see* Matsui, K. 104863
Imai, N. *see* Sawada, H. 78801
Imai, S., Burger, G.-J., Lammerink, T.S.J., Fluitman, J.H.J. Fundamental study on a thin-film AE sensor for measurement of behavior of a multi-pad contact slider 115691
Imai, S. *see* Burger, J.F. 75260
Imai, S. *see* Furuichi, C. 76877
Imai, S. *see* Kanaya, H. 105108
Imai, T., Kashiwagi, A. Remote education network via satellite utilizing 6.7 Mbit/s digital compressed video 88440
Imai, T., komukai, T., Yamamoto, T., Nakazawa, M. A wavelength tunable Q-switched erbium-doped fiber laser with fiber Bragg grating mirrors 116415
Imai, T., Sakiyama, K., Hirota, I., Omori, H. A study of impedance analysis of an induction heating device by applying a new interpolation method 103166
Imai, T. *see* Murakami, M. 68466
Imai, T. *see* Sakamoto, K. 94195
Imai, T. *see* Sakiyama, A. 107710
Imai, T. *see* Takahashi, K. 106295
Imai, T. *see* Takano, Y. 92752
Imai, T. *see* Tsuneoka, M. 73843
Imai, Y. Simulated inductance circuit with parallel negative conductance and its application for a sinusoidal oscillator 73141
Imai, Y. Method of detecting the index position of a spindle motor for slim flexible disk drive 102769
Imai, Y., Kimura, S. 20 Gbit/s GaAs distributed direct-coupled amplifier 104352
Imai, Y., Kimura, S., Enoki, T., Umeda, Y. A DC-to-100-GHz InP HEMT 1:2 distributor IC using distributed amplification 78839
Imai, Y., Kimura, S., Umeda, Y., Enoki, T. New distributed amplifier design using transmission-gate FET's 104877
Imai, Y. *see* Aiping Wu 75742
Imai, Y. *see* Imai, M. 116023
Imai, Y. *see* Kimura, S. 109620
Imai, Y. *see* Kimura, S. 113775
Imai, Y. *see* Kimura, S. 119163
Imai, Y. *see* Kuwano, S. 88648
Imai, Y. *see* Liming Wang 76165
Imai, Y. *see* Nakamura, M. 99484
Imai, Y. *see* Ogitsu, T. 100449
Imai, Y. *see* Watanabe, A. 83882
Imai, Y. *see* Wu Aiping 85258
Imai, Y. *see* Yamaguchi, S. 82209
Imai, Y. *see* Yokoyama, S. 95542
Imaizumi, H. *see* Higasa, H. 81398
Imaizumi, H. *see* Nishida, Y. 68879
Imaizumi, M., Endoh, Y., Suita, M., Ohtsuka, K., Isu, T., Namizaki, H., Nunoshita, M. ZnCdSe-MgZnSSe laser diodes fabricated by gas-source molecular beam epitaxy 75964
Imaizumi, M., Kuroki, H., Endoh, Y., Suita, M., Ohtsuka, K., Isu, T., Namizaki, H., Nunoshita, M. Low-resistivity p-type ZnSe, ZnSSe and MgZnSSe grown by gas-source molecular beam epitaxy 74200
Imaizumi, M. *see* Endoh, Y. 62757
Imaizumi, M. *see* Oda, T. 99503
Imaizumi, N. *see* Owada, T. 114474
Imaizumi, Y., Suzuki, K., Tanaka, Y., Takada, T. Three-dimensional space charge distribution measurement in electron beam irradiated PMMA 110353
Imaizumi, Y., Suzuki, K., Tanaka, Y., Takeda, T. Three-dimensional space charge distribution measurement in solid dielectrics using pulsed electroacoustic method 69448
Imaizumi, Y. *see* Urisu, T. 114976
Imaizumi, Y. *see* Young-Bae Park 95241
Imajima, Y. *see* Tobe, T. 88841
Imajo, M. *see* Okumura, F. 100198
Imajuku, W. *see* Takada, A. 75837
Imajyo, N. High rate deposition of μc-Si with plasma gun CVD 92880
Imakado, Y. *see* Kamozaki, K. 67977
Imaki, S. *see* Ohnishi, K. 95207
Imakubo, J. *see* Kawamata, M. 66686

Imam, M.A., Osman, M.A., Osman, A.A. MOSFET global modeling for deep submicron devices with a modified BSIM1 SPICE model 63729
Imamiya, K.-I. *see* Nakamura, H. 93368
Imamizu, J. *see* Kaneko, S. 88139
Imamura, E. *see* Wada, Y. 92260
Imamura, K., Nagumo, S., Watanabe, S., Tomidokoro, S., Tejima, A., Katayama, N. Development of remote control TIG welding equipment for LNG storage tank 60591
Imamura, K. *see* Strutz, T. 63588
Imamura, K. *see* Yokoyama, N. 63824
Imamura, M. *see* Fukami, T. 81438
Imamura, M. *see* Fukami, T. 91503
Imamura, R. *see* Kobayashi, H. 102463
Imamura, S. *see* Usui, M. 116079
Imamura, T., Koshikawa, T., Katayama, M. Transverse mode electrostatic microactuator for MEMS-based HDD slider 76356
Imamura, T., Nakagawa, Y. Elasticity measurement of unidirectional carbon fiber reinforced polymer laminates by water immersion ultrasonic sing-around method 70562
Imamura, T. *see* Nejime, Y. 80486
Imamura, T. *see* Takaishi, K. 63978
Iman, R.L., Burress, R.V., Anderson, D.J., Huffman, D.D., Sellers, R.L., Koon, E.F., Waller, B.M., Gandhi, M.S., Carroll, T.A., Shireman, M.J., Krska, C.M., Becka, G.A., Carlton, D.P., Nickell, R.D., Siewers, M.I., Falconbury, G.S., Munson, T.L. Design rules a must for any soldering process 73856
Iman, S., Pedram, M. POSE: power optimization and synthesis environment 84587
Iman, S., Pedram, M. An approach for multilevel logic optimization targeting low power 93219
Imanaka, H. *see* Nojiri, H. 98876
Imanaka, Y. *see* Cole, B.E. 105186
Imanaka, Y. *see* Nicholas, R.J. 62973
Imani, T. *see* Daido, H. 96101
Imanieh, M. *see* Mullan, C.A. 63237
Imanishi, A. *see* Arai, S. 79811
Imanishi, D. *see* Toda, A. 96333
Imanishi, H. *see* Komori, K. 72810
Imanishi, H. *see* Maeda, F. 91959
Imanishi, K. *see* Yamada, H. 83375
Imanishi, M. *see* Doi, K. 73457
Imanishi, N. *see* Yamamoto, O. 81791
Imanishi, S. *see* Muranaka, N. 73315
Imanishi, Y., Hattori, S., Hamada, T., Ishihara, S., Nalwa, H.S., Kakuta, A. New organic superlattices for nonlinear optics 76228
Imanisi, Y. *see* Nalwa, H.S. 85628
Imano, K., Inoue, H. Measurement of micrometer order displacement using phase-shift type ultrasonic correlation system in MHz range 89484
Imaoka, T., Banba, S., Imai, N. A millimeter-wave wideband balanced amplifier using multilayer MMIC directional couplers 114307
Imaoka, T. *see* Imai, N. 68251
Imasaka, T. *see* Kawano, H. 116653
Imasaki, K. *see* Asakawa, M. 96555
Imasaki, K. *see* Chen, J. 96531
Imasaki, K. *see* Fujita, M. 96451
Imasaki, K. *see* Furukawa, H. 96508
Imasaki, K. *see* Goto, M. 96511
Imasaki, K. *see* Miyamoto, S. 69601
Imasaki, K. *see* Ohigashi, N. 110518
Imaya, A. *see* Takeda, M. 100191
Imayoshi, T. *see* Bohno, T. 103051
Imberman, W. Boosting output and quality in PCB plants 92155
Imbertson, P., Mohan, N. A novel asymmetrical duty-cycle soft-switching DC-DC converter with lower conduction losses than in hard-switched PWM converters 112132
Imbornone, J., Pantoja, R., Bosch, W. A novel technique for the design of high efficiency power amplifiers 62276
Imbriale, W.A., Esquivel, M.S. A novel design technique for beam-waveguide antennas 76627
Imel, G.R., Hart, P.R. The performance of hafnium and gadolinium self powered neutron detectors in the TREAT reactor 90182
Imel, G.R., Singleterry, R.C., Jr., Gillespie, G.H., McMichael, G.E. Moderator design for accelerator driven neutron radiography sources 110497
Imel, G.R. *see* Singleterry, R.C., Jr. 79807
Imenkov, A.N. *see* Danilova, T.N. 96325
Imenkov, A.N. *see* Danilova, T.N. 96326
Imenkov, A.N. *see* Danilova, T.N. 116509
Imenkow, A.N. *see* Popov, A.A. 96269
Imhof, K. *see* Czernichow, T. 91069
Imhof, K. *see* Dondl, P. 101858
Imhof, K. *see* Nordieker, B. 121001
Imhof, K. *see* Singh, N. 90998
Imhof, M. *see* Koch, N. 80129
Imielinski, T. *see* Badrinath, B.R. 87662
Imielinski, T. *see* Viswanathan, S. 109848
Imiya, A. Detection of piecewise-linear signals by the randomized Hough transform 77016
Imiya, A. *see* Fermin, I. 117548
Imler, W. *see* Chen, C.H. 92710
Imler, W. *see* Gotz, W. 74146
Immelman, J. Level monitoring of liquids 100397
Immelman, J. *see* Hils, F. 88935
Immink, A.H.J., Bijker, M.D., Abelmann, L., Lodder, J.C. Interaction in double layered ME tapes 106537
Immink, K.A.S. The digital versatile disc (DVD): system requirements and channel coding 116007
Immink, K.A.Schouhamer *see* Schouhamer Immink, K.A.
Immonen, P.J. Classification and placement of measurements through LP/MIP algorithms 109985
Immovilli, G., Merani, M.L. Priority traffic in wireless PCS systems: transmission and traffic parameters trade-off 109431
Imori, M., Taniguchi, T., Matsumoto, H., Sakai, T. A photomultiplier high voltage power supply incorporating a piezoelectric ceramic transformer 80131
Imori, M., Taniguchi, T., Matsumoto, H., Sakai, T. A high voltage supply using a piezo ceramic transformer 100930
Imoto, H., Nagamine, M., Nishi, Y. Structure order and its influence on an anode capacity of carbonaceous material for lithium ion battery 81661
Imoto, N. *see* Koashi, M. 97415
Imoto Nobuyuki *see* Nobuyuki Imoto
Impagliazzo, L. *see* Amendola, A.M. 113984
Impagliazzo, R. *see* Dimitriou, T. 92515
Impagliazzo, R. *see* Jakobsson, M. 76823
Imparato, A. *see* Bertocchi, A. 110038
Imperiale, C. A fast, programmable, stand-alone pulse generator emulating spectroscopy nuclear events 120227
Ims, L.A. *see* Ferrero, U. 98911
Ims, L.A. *see* Olsen, B.T. 78788
Ims, L.A. *see* Olsen, B.T. 98910
Imtiaz, M. *see* Shaw, A.K. 114132
Imtiaz, S.M.S. *see* Alsunaidi, M.A. 73737
Imtiaz, S.M.Sohel *see* Sohel Imtiaz, S.M.
Imura, A., Shimomura, A., Ohkubo, S., Miyamoto, J., Ohtsuta, K., Yamada, K. Multisync monitor of 15-inch (34.6 cm visual) color CRT display 69391
Imura, H., Eguchi, M., Fuwa, Y., Nakamura, Y. A topology for discrete spaces and its application in scratch detection for surface inspections 77382
Imura, K. *see* Eguchi, M. 98169
Imura, R. *see* Fujimoto, K. 64494
Imura, R. *see* Kikukawa, A. 62655
Imura, R. *see* Shintani, T. 95663
Imura, R. *see* Sugita, Y. 75080
Imura, S., Kumagai, S., Watanabe, T., Doki, K., Ichikawa, M., Shinhama, Y. 8-bit microcontroller for DTS μPD178P018/178018/178016/178006/178004 73455
Imura, T. *see* Saeki, T. 73369
Imura, Y. *see* Nishikawa, M. 119798
Imuta, S. *see* Kudoh, T. 120269
In, S.R. *see* Kim, S.K. 107816
In Eung Kim *see* Choukh, A.M. 115733
In Gyu Park, Ji Taek Yoon A new base/gate drive suppression method for voltage source inverters by detecting the output voltage polarity 121705
In Hag Park *see* Nak Woong Eum 93290
In Hag Park *see* Seong-Bong Lee 104274
In Hoon Choi *see* Je Won Kim 105244
In Kag Hwang *see* Bong Kyu Kim 100063
In Kang *see* Jin-Jong Cha 68175
In Kang *see* KyungHi Chang 88303
In Kim *see* Sang Koo Park 105344
In Kim Dong *see* Dong In Kim
In Lee Joo *see* Joo In Lee
In Lee Soo *see* Soo In Lee
In Seop Jeong *see* Kwangsoo No 75036
In Sun Hwang *see* Hong Seub Kim 82703
In Sung Lee *see* Yung Hyun Moon 111530
in 't Hout, S.R. Quasineutrality in semiconductors 74088
In Won Lee *see* Yong Wan Kim 110408
In-Cheol Baik *see* Gun-Woo Moon 81545
In-Chil Lim *see* Chang-Wouk Park 87279
In-Chil Lim *see* Chul-Won Lee 66601
In-Chil Lim *see* Jae-Heung Shin 83038
In-Chil Lim *see* Jae-Heung Shin 83039
In-Chil Lim *see* Yong-Min Hur 83040
In-Chul Hwang *see* Sung-Nam Kim 108195
In-Gab Jeong *see* Eung-Joo Lee 68846
In-Gil Park, Jang-Ho Chung, Sung-Gap Lee, Young-Hie Lee Microwave dielectric properties of the BSST ceramics with BaO compositional ratio 74993
In-Gu Kwak *see* Il-Han Park 71913
In-Gu Kwak *see* Il-Han Park 107765
In-Ha Hyun *see* Kwon, H.M. 78360
In-Ha Hyun *see* Kwon, H.M. 108342
In-Hang Chung, Ming-Ching Yen Performance analysis of hybrid-switched integrated voice/data cellular radio systems with prioritized handoff voice channels and diversity data reservations 68304
In-Ho Bae *see* Sang-Gi Kim 61253
In-Ho Hwang *see* Gwon-Jong You 82012
In-Ho Lee, Seong-Hwan Kim, Ji-Yoon Yoo, Gwi-Tae Park Design of active power factor control AC/DC converter having current control loop with no compensator 81553
In-Hoon Choi *see* Chang-Sik Son 83862
In-Hoon Choi *see* Chang-Sik Son 105158
In-Hyu Choi *see* Jeong-Du Kim 72267
In-Joong Ha *see* Chang-Hwan Kim 81424
In-Lan Lo *see* Lir-Fang Sun 78151
In-Sang Yang *see* Park, H.J. 106697
In-Sang Yang *see* Wang, C.H. 106348
In-Seok Yeo, Ho, P.S. Stress relaxation and microstructural change in passivated Al(Cu) lines 94836
In-Seon Kim *see* Ahn, D. 93726
In-Shik Park *see* Gyeong-Il Kweon 116859
In-Sool Chung *see* Joe-Sun Choi 115191
In-Soung Jung *see* Dal-Ho Im 102761
Ina, E. *see* Matsumoto, N. 113452
Inaba, H., Okuda, M. Analysis of resonant tunneling in double-barrier structures with asymmetric potential profiles 62949
Inaba, H., Okuda, M. Resonant tunneling diode characteristics in a scanning tunneling microscopy system 74687
Inaba, H. *see* Taniguchi, H. 116398
Inaba, H. *see* Tanosaki, S. 96119
Inaba, H. *see* Uemura, A. 92714
Inaba, M. Remote-brained robot 67420
Inaba, M. *see* Cho, H. 104216
Inaba, M. *see* Matsumoto, Y. 77525
Inaba, M. *see* Mori, T. 86774
Inaba, M. *see* Shibata, T. 108664
Inaba, N., Baba, N., Ohnishi, M. Bifurcation sets in forced Rayleigh oscillator containing a diode 82992
Inaba, N., Nakamura, A., Yamamoto, T., Hosoe, Y., Futamoto, M. Magnetic and crystallographic properties of CoCrPt thin films formed on Cr-Ti single crystalline underlayers 64454
Inaba, S. *see* Kumazaki, H. 79508
Inaba, S. *see* Kumazaki, H. 100070
Inaba, T. *see* Goda, Y. 111605
Inaba, Y. *see* Kobayashi, K. 63286
Inabayashi, Y., Doko, T., Sakata, M. Behavior of Mg evaporation in vacuum brazing of aluminum 112876
Inabe, N. *see* Nakagawa, T. 100786
Inabe, N. *see* Okamura, H. 119991
Inacio, C., Ombres, D. The DSP decision: fixed point or floating? 104567
Inada, S. *see* Kubota, Y. 109942
Inada, T. *see* Kaga, Y. 112874
Inada, T. *see* Kiyota, Y. 63263
Inada, T. *see* Ninomiya, A. 95592
Inae, Y. *see* Kanbara, S. 78547
Inafune, M. *see* Narita, S. 109299
Inagaki, H. *see* Kurosawa, M. 95327
Inagaki, H. *see* Nishio, T. 71171
Inagaki, J. *see* Hanai, S. 96975
Inagaki, J. *see* Matsuda, Y. 64453
Inagaki, K. *see* Suzuki, K, 74140
Inagaki, M. *see* Mori, Y. 85615
Inagaki, M. *see* Ozawa, M. 73002
Inagaki, M. *see* Yap, Y.K. 107609
Inagaki, N., Tasaka, S., Sei, Y. Plasma polymerization of metal phthalocyanine and application of its plasma polymer film to NO_2 gas sensor 92965
Inagaki, N. *see* Jayasuriya, A.C. 75033
Inagaki, N. *see* Kikuma, N. 99168
Inagaki, N. *see* Tasaka, S. 106343
Inagaki, S. *see* Liu, J. 100500
Inagaki, T. *see* Itoh, M. 110031
Inagaki, T. *see* Kurokawa, K. 79749
Inagaki, Y. *see* Maruyama, S. 109958
Inagawa, K. *see* Katsuyama, Y. 99488
Inagawa, M. *see* Ikebukuro, K. 110236
Inaguchi, T. *see* Ogitsu, T. 100449
Inaguchi, T. *see* Yokoyama, S. 95542
Inai, H., Yamakita, J. Performance study of the selective discarding of cells for efficient data packet transfer through ATM networks 98379
Inami, K. *see* Hama, H. 95296
Inami, N. *see* Hoshino, T. 95216
Inamori, H., Ueda, K., Kishi, T., Koyanagi, K. Common software platform with reusable software environment for achieving the TMN concept 87588
Inamori, H. *see* Sunaga, H. 77882
Inamori, H. *see* Sunaga, H. 87589
Inamori, H. *see* Ueda, K. 77867
Inamori, M., Naganuma, J., Wakabayashi, H., Endo, M. A memory-based architecture for MPEG2 System protocol LSIs 73418
Inamori, Y. *see* Kushiya, K. 112392
Inamoto, Y. *see* Nishikawa, K. 78209
Inamura, K., Kondoh, H., Takeda, H. Development and operation of PACS/teleradiology in Japan 90475
Inamura, M. *see* Ishitani, H. 110282
Inamura, Y. *see* Motokawa, M. 96985
Inan, A. SEMMS–open architecture, open standards communications 102308
Inan, U.S., Reising, S.C., Fishman, G.J., Horack, J.M. On the association of terrestrial gamma-ray bursts with lightning and implications for sprites 85861
Inan, U.S. *see* Lev-Tov, S.J. 107893
Inanaga, K., Nakahata, T., Furukawa, T., Ono, K. Initial stage of oxidation of Si(100) surfaces in dry oxygen 105695
Inanoglu, H., Topuz, E. Hybrid ray-mode modelling of indoor propagation for wireless applications 97121
Inarrea, J., Platero, G. A.C. field assisted current in GaAs-AlGaAs superlattices 62988
Inatani, J. *see* Shi, S.C. 62211
Inatani, J. *see* Sunada, K. 68807
Inatsu, M. *see* Sugiura, A. 66950
Inatsu, M. *see* Sugiura, A. 108429
Inatsu, M. *see* Sugiura, A. 118805
Inayatullah, S. *see* Lennie, J. 77807
Inayoshi, M. *see* Hiramatsu, M. 72952
Inayoshi, M. *see* Takahashi, K. 94733

Inazaki, K., Okamura, M., Tatsuki, Y., Kamide, H., Goto, T., Kadota, N., Hamshima, T., Ueda, S. Development of VICS optical beacon in-vehicle unit 109653
Inbar, E., Mahal, V., Arie, A. Frequency stabilization of Nd:YAG lasers to molecular cesium lines near 1064 nm 96168
Inbar, E., Mahal, V., Arie, A. Frequency stabilization of Nd:YAG lasers to $^{133}Cs_2$ sub-Doppler lines near 1064 nm 96171
Inbar, H. *see* Marom, E. 98019
Inbi, D., Zubov, V.E. A new method for the measurement of hysteresis loops in the near-surface layer of ferromagnets 110334
Incesu, L., Gunes, M., Akan, H., Selcuk, M.B. MRI of the intracerebral lesions at 0.5 tesla: comparison of fast spin-echo and conventional spin-echo sequences 110786
Incicchitti, A. *see* Balzarotti, A. 120138
Incicchitti, A. *see* Barabanov, I.R. 110568
Indebetouw, G. *see* Doh, K.B. 85773
Indebetouw, G. *see* Korwan, D.R. 96633
Indebetouw, G. *see* Korwan, D.R. 96643
Indebetouw, G. *see* Xiaojun Fang 95688
Indeck, R.S. *see* Dhagat, P. 75223
Indeck, R.S. *see* Jander, A. 115709
Indeck, R.S. *see* Porter, D.G. 64446
Indelli, G.F. *see* Scandurra, A. 112913
Inderhees, S.E., Phlips, B., Kroeger, R.A., Johnson, W.N., Kinzer, R.L., Kurfess, J.D., Graham, B., Gehrels, N. Spectroscopy, imaging and Compton-scatter polarimetry with a germanium strip detector 101022
Inderhees, S.E., Phlips, B.F., Kroeger, R.A., Johnson, W.N., Kinzer, R.L., Kurfess, J.D., Graham, B., Gehrels, N. Spectroscopy, imaging and Compton-scatter polarimetry with a germanium strip detector 80073
Inderhees, S.E. *see* Phlips, B.F. 90123
Inderhees, S.E. *see* Phlips, B.F. 101023
Indermaur, K. Spider 1.5 [software review] 77930
Inderpal *see* Narula, R.C. 103828
Indiresan, A. *see* Mehra, A. 87598
Indiveri, G., Kramer, J., Koch, C. System implementations of analog VLSI velocity sensors 69324
Indiveri, G., Kramer, J., Koch, C. System implementations of analog VLSI velocity sensors 117533
Indiveri, G. *see* Sarpeshkar, R. 77508
Indjin, D. *see* Milanovic, V. 63063
Indlekofer, G. *see* Aristov, V.Y. 114810
Indovina, P.L. *see* Calicchia, A. 110684
Indrajit, P.E. *see* Adiono, T. 86874
Indrajit, P.E. *see* Rasyid, R. 87114
Indri, M., Tornambe, A. Robust regulation and trajectory tracking for flexible robots by using piezoelectric actuators 106405
Indukumar, K.C. *see* Rao, T.S. 86279
Indutnyi, I.Z. *see* Kostioukevitch, S.A. 84949
Ine Soran *see* Soran Ine
Ineichen, R. *see* Bender, M. 91944
Inenaga, T. *see* Okafuji, S. 64744
Iness, J., Ramamurthy, B., Mukherjee, B., Bala, K. Elimination of all-optical cycles in wavelength-routed optical networks 78905
Inesta, J.M., Buendia, M., Sarti, M.A. Local symmetries of digital contours from their chain codes 117604
Infantino, M. *see* Bandinelli, M. 98979
Infantosi, A.F.C. *see* Klemt, A. 101141
Infantosi, A.F.C. *see* Simpson, D.M. 101368
Infield, D. *see* Paynter, R. 102544
Infield, D.G. *see* Child, D. 91414
Infield, D.G. *see* Feuchtwang, J.B. 102568
Infield, D.G. *see* Lloyd, S.H. 91415
Infield, D.G. *see* Mahmmud, F. 102572
Infield, D.G. *see* Schlez, W. 91417
Ing, R.K., Fink, M. Surface and sub-surface flaws detection using Rayleigh wave time reversal mirrors 104212
Ing Yann Soon *see* Soon Ing Yann
Ing-Chau Chang, Jau-Hsiung Huang, Wei-Hsin Tseng Design and implementation of a multimedia CSCW platform 87925
Ing-Song Lin, Mitra, S.K. Efficient 2D FIR filtering algorithms based on overlapped block structure 86195
Ing-Song Lin, Mitra, S.K. Overlapped block digital filtering 97809
Ingalls, W. *see* Swenson, D.R. 90095
Inganaes, O. *see* Berggren, M. 75756
Inganaes, O. *see* Granstroem, M. 75758
Inganas, O. *see* Smela, E. 112166
Inganas, O. *see* Yohannes, T. 102938
Ingber, L. Adaptive simulated annealing (ASA): lessons learned 82437
Ingber, L. *see* Wright, J.J. 101391
Ingco, S.P. Structural changes in the power sector in Asia. Improving profitability 121014
Ingebretsen, F. *see* Guttormsen, M. 90249
Ingenhoff, J. *see* Ohtsuki, T. 116091
Ingeol Lee *see* Changsik Yoo 61990
Ingerly, D.B., Swenson, D., Jan, C.-H., Chang, Y.A. Phase equilibria of the Ga-Ni-As ternary system 83992
Ingermann, E.H., Frenzel, J.F. Behavior of a radiation-immune CMOS logic family under resistive shorts 83054
Inggs, M.R. *see* Archer, P.J. 119285
Inggs, M.R. *see* Lord, R.T. 109756
Inglis, B.A. *see* Andrew, E.R. 120283
Inglis, H.G., Egan, R.J., Ouellette, F., Krug, P.A., Hill, P. Effect of grating strength on thermal stability of fibre Bragg gratings 75457
Inglis, H.G. *see* Egan, R.J. 75442
Inglis, S.J., Witten, I.H. Bi-level document image compression using layout information 86756
Ingold, G., Ben-Zvi, I., Solomon, L., Woodle, M. Fabrication of a high-field short-period superconducting undulator 96564
Ingram, A.E. *see* Cotter, J.E. 112375
Ingram, D.C. *see* Voevodin, A.A. 92807
Ingram, M.A. *see* Cross, J. 109659
Ingram, M.A. *see* Shih-Cheng Wang 116038
Ingram, S.G., Clifton, J.C. The use of active traveling-wave structures in GaAs MMIC's 73788
Ingruber, B., Pritzl, W., Magerl, G. High efficiency harmonic control amplifier 83403
Ings, J.B. *see* Fagan, J.G. 75163
Inguscio, M. *see* Prevedelli, M. 65472
Ingvarson, P. *see* Johansson, F. 66069
Ingvarsson, T. *see* Suzuki, H. 90942
Ingwall, R.T. *see* Waldman, D.A. 96830
Ingwersen, P. *see* Smith, D.L. 89738
Inhag Park *see* Young Seok Baek 104444
Inhester, B. *see* Timofeev, E.E. 78976
Inhyok Cha, Kassam, S.A. RBFN restoration of nonlinearly degraded images 77263
Inigo, R.M. *see* Chew, H.W.V. 101442
Iniguez, B., Moreno, E.G. C_∞-continuous small-geometry MOSFET modeling for analog applications 74749
Iniguez, J. *see* Torres, L. 64338
Inkin, V.N. *see* Akhin'ko, I.A. 63959
Inkol, R.J., Saper, R.H., Herzig, M. Design of digital filters for precision quadrature demodulation 61690
Inkov, Y.M., Kablukova, E.A., Simonov, M.D. Probability forecasting of semiconductor electrical power converter performances 91645
Inkov, Y.M., Rotanov, V.N., Simonov, M.D. Specific features of the autonomous current inverter circuit for electrical locomotive traction drive 91895
Inkson, J.C. *see* Boero, M. 105410
Inman, C.A. *see* Kowitt, M.S. 99705
Inman, D.J. *see* Austin, E.M. 104188
Inman, T.K. *see* Erickson, R. 89717
InMyoung Jeong *see* DongSeung Kwon 87367
Innamorati, S. *see* Dass, B.K. 108140
Innocenti, M. *see* Maselli, F.P. 80579
Ino, H. *see* Ito, N. 79919
Ino, J. *see* Ando, Y. 74119
Ino, K., Natori, I., Ichikawa, A., Vrtis, R.N., Ohmi, T. Plasma enhanced in situ chamber cleaning evaluated by extracted-plasma-parameter analysis 60563
Ino, M., Miyano, J., Kurogi, H., Tamura, H., Nagatomo, Y., Yoshimaru, M. Rugged surface polycrystalline silicon film deposition and its application in a stacked dynamic random access memory capacitor electrode 61380
Ino, M., Sawada, H., Nishimura, K., Urano, M., Suto, H., Date, S., Ishihara, T., Takeda, T., Kado, Y., Inokawa, H., Tsuchiya, T., Sakakibara, Y., Arita, Y., Izumi, K., Takeya, K., Sakai, T. 0.25 μm CMOS/SIMOX gate array LSI 73249
Ino, M. *see* Hino, S. 78327
Ino, M. *see* Maekawa, T. 89265
Ino, M. *see* Nishimura, K. 115340
Ino, M. *see* Ohtomo, Y. 63942
Ino, M. *see* Ohtomo, Y. 104516
Ino, S. *see* Wada, C. 80496
Ino, S. *see* Wada, C. 110954
Ino, S. *see* Yamanaka, T. 72848
Ino, Y. *see* Abe, K. 90317
Inoe, M. *see* Ohtomo, T. 100233
Inoguchi, K. *see* Kato, A. 100211
Inohara, S. *see* Yamamoto, K. 89384
Inokawa, H. *see* Awaya, N. 84202
Inokawa, H. *see* Awaya, N. 95175
Inokawa, H. *see* Douseki, T. 73248
Inokawa, H. *see* Ino, M. 73249
Inokawa, H. *see* Nishimura, K. 115340
Inokoshi, Y. *see* Sugawara, E. 64347
Inokuchi, H. *see* Fujita, H. 121515
Inokuchi, H. *see* Tanaka, S. 81107
Inokuchi, S. *see* Cheon Woo Shin 67154
Inokuchi, S. *see* Hiura, S. 87099
Inokuchi, S. *see* Kato, H. 86867
Inokuchi, S. *see* Manabe, Y. 87028
Inokuchi, S. *see* Yokoyama, A. 110213
Inomata, C.R., Ogawa, H., Ishikawa, K., Fujimura, S. Infrared spectroscopy study of chemical oxides formed by a sequence of RCA standard cleaning treatments 114974
Inomata, H. *see* Hosoda, M. 114735
Inomata, K., Yamaguchi, Y., Yamada, H. The experimental results for polarimetric diffraction tomography 76393
Inomata, M., Nakagawa, M. Bistable switching in PDLC films with a ferroelectric alignment layer 116142
Inomata, T. *see* Kunimochi, Y. 113119
Inomata, T. *see* Yosoi, M. 120231
Inomoto, Y. *see* Sakata, Y. 107279
Inooka, H. *see* Takahashi, T. 101076
Inooka, H. *see* Yukawa, T. 80494
Inoshiri, R., Masuda, M. Measuring of movement and clothing amount by image processing technology 77219
Inoshita, T., Shimizu, A., Kuramoto, Y., Sakaki, H. Correlated electron transport through a real-life quantum dot 62875
Inou, K., Katsumata, Y., Matsuda, S., Naruse, H., Sugaya, H., Iwai, H. Improvement of narrow emitter bipolar transistor performance by in-situ highly doped arsenic polysilicon technique 63623
Inoue, A., Kojima, A., Takeuchi, A., Masumoto, T., Makino, A. Hard and soft magnetic properties of nanocrystalline Fe-Nd-Zr-B alloys containing intergranular amorphous phase 64252
Inoue, A., Takeuchi, A., Makino, A., Masumoto, T. Soft and hard magnetic properties of nanocrystalline Fe-M-B (M=Zr, Nd) base alloys containing intergranular amorphous phase 95343
Inoue, A., Takeuchi, A., Zhang, T., Murakami, A., Makino, A. Soft magnetic properties of bulk Fe-based amorphous alloys prepared by copper mold casting 115582
Inoue, A., Tao Zhang, Takeuchi, A., Wei Zhang Hard magnetic bulk amorphous Nd-Fe-Al alloys of 12 mm in diameter made by suction casting 64274
Inoue, A. *see* Adachi, N. 67564
Inoue, A. *see* Kakuda, Y. 67891
Inoue, A. *see* Kakui, M. 78772
Inoue, A. *see* Katoh, T. 93910
Inoue, A. *see* Kawamura, Y. 95342
Inoue, A. *see* Makino, A. 95341
Inoue, A. *see* Ohata, K. 88085
Inoue, A. *see* Shigehara, M. 78798
Inoue, A. *see* Takahashi, K. 81144
Inoue, A. *see* Takimoto, Y. 87750
Inoue, A. *see* Yokoyama, Y. 64273
Inoue, E., Ogawa, K. Analysis of trabecular patterns using fractal dimensions 101245
Inoue, H. Induced noise from arc discharge and its simulation 62551
Inoue, H., Fusayasu, H., Takahashi, N. Investigation of factors affecting crosstalk in a rotary transformer 104905
Inoue, H., Okada, Y., Nakata, T., Fujiwara, K. Magnetic recording analysis of MIG head and medium in a flexible disc drive 95377
Inoue, H. *see* Akahori, N. 67719
Inoue, H. *see* Aoyama, E. 62486
Inoue, H. *see* Aoyama, E. 62487
Inoue, H. *see* Fukuda, T. 78324
Inoue, H. *see* Gustavsson, M. 99821
Inoue, H. *see* Hatsuda, T. 88395
Inoue, H. *see* Ido, T. 64810
Inoue, H. *see* Ido, T. 106862
Inoue, H. *see* Ido, T. 116113
Inoue, H. *see* Imano, K. 89484
Inoue, H. *see* Ishida, H. 77620
Inoue, H. *see* Iwata, Y. 107809
Inoue, H. *see* Kawase, Y. 71582
Inoue, H. *see* Kirihara, T. 88478
Inoue, H. *see* Matsumoto, Y. 77525
Inoue, H. *see* Mori, T. 86774
Inoue, H. *see* Ohashi, T. 99891
Inoue, H. *see* Okada, Y. 102645
Inoue, H. *see* Okamoto, K. 118691
Inoue, H. *see* Ono, M. 100494
Inoue, H. *see* Shibata, T. 108664
Inoue, H. *see* Suzuki, Y. 78204
Inoue, H. *see* Tanaka, M. 119860
Inoue, H. *see* Tomaru, T. 89539
Inoue, H. *see* Watanabe, R. 78323
Inoue, I., Morita, N. Partial-frame retransmission scheme for data communication error recovery in B-ISDN 118137
Inoue, I. *see* Huard, J.-F. 108860
Inoue, I. *see* Miura, O. 75335
Inoue, J., Kawaguchi, H. Lasing characteristics of a mode-locked EDF laser using an LD as an optical modulator 96142
Inoue, J.-I. *see* Oku, K. 121123
Inoue, K. Optical filtering to reduce chirping influence in LD wavelength conversion 64883
Inoue, K. Dependence of frequency chirping on bias current in LD wavelength conversion 65307
Inoue, K. Noise transfer characteristics in wavelength conversion based on cross-gain saturation in a semiconductor optical amplifier 76039
Inoue, K. Noise translation characteristics in OE/EO conversion with a Mach-Zehnder modulator 106865
Inoue, K., Baranov, A.V., Yamanaka, A. Resonant hyper-Raman scattering in semiconductor quantum dots 94466
Inoue, K., Kiyoshi, T., Kosuge, M., Takeuchi, T., Matsumoto, F., Maeda, H., Hanai, S., Tezuka, M., Matsutani, K. First test operation of 40 tesla class hybrid magnet system 96969
Inoue, K., Kumamaru, K., Nakamura, H. Mainstream temperature raising control for a thermal power plant via MRACS based on a quick identification method 111762
Inoue, K., Nakaoka, M. Analysis and design of AC servo motion drive control system with 2-mass mechanical resonant load 91817
Inoue, K., Syed, M., Hag, U.L., Nakaoka, M. Control strategy for AC servo motion drive system with mechanically resonant load and its design approach 121993

Inoue, K., Yanashima, K., Takahashi, T., Hwang, J.S., Hara, K., Munekata, H., Kukimoto, H. Growth of p-type ZnSe by metalorganic vapor phase epitaxy using ethylazide as a new nitrogen source 74177
Inoue, K. *see* Fukushima, K. 115957
Inoue, K. *see* Gotoh, Y. 114508
Inoue, K. *see* Hanai, S. 96975
Inoue, K. *see* Hobbs, A. 94842
Inoue, K. *see* Honda, T. 75949
Inoue, K. *see* Honda, T. 94680
Inoue, K. *see* Hsu-Chih Wang 108266
Inoue, K. *see* Ishikawa, J. 74048
Inoue, K. *see* Ishikawa, J. 83739
Inoue, K. *see* Ito, H. 76125
Inoue, K. *see* Kiyoshi, T. 95530
Inoue, K. *see* Kohda, T. 60698
Inoue, K. *see* Kohda, T. 117397
Inoue, K. *see* Kuroda, T. 74249
Inoue, K. *see* Matsushita, S.I. 74248
Inoue, K. *see* Mitsui, T. 105183
Inoue, K. *see* Nakamura, H. 102602
Inoue, K. *see* Nakamura, S. 70920
Inoue, K. *see* Nakamura, T. 91698
Inoue, K. *see* Nakashima, K. 108690
Inoue, K. *see* Ohteru, S. 98973
Inoue, K. *see* Okada, M. 75364
Inoue, K. *see* Okada, M. 75365
Inoue, K. *see* Sakai, H. 73805
Inoue, K. *see* Takahashi, Y. 73898
Inoue, K. *see* Tezuka, M. 96976
Inoue, K. *see* Toba, H. 78723
Inoue, K. *see* Tomita, N. 84920
Inoue, K. *see* Udagawa, T. 101416
Inoue, K. *see* Yoshino, M. 107244
Inoue, L., Ohata, K., Funabashi, L., Hosoya, K., Maruhashi, K., Makino, Y., Kuzuhara, M. 60 GHz dielectrically stabilized monolithic voltage controlled oscillator 93913
Inoue, M., Fujii, T., Gibbs, M.R.J. Improvement of low field magnetostriction of amorphous TbFe sputtered films by thermal annealing 115559
Inoue, M., Morikawa, H., Mizumachi, M. A new duplex method for integrated voice/data wireless communications 68305
Inoue, M. *see* Avrillon, S. 80033
Inoue, M. *see* Avrillon, S. 100851
Inoue, M. *see* Dewa, H. 120075
Inoue, M. *see* Hara, T. 114825
Inoue, M. *see* Hirota, J.I. 100675
Inoue, M. *see* Ikeda, H. 100804
Inoue, M. *see* Iwashita, Y. 89771
Inoue, M. *see* Kando, M. 100698
Inoue, M. *see* Kavalerov, V. 89575
Inoue, M. *see* Kimoto, T. 94692
Inoue, M. *see* Kono, J. 105391
Inoue, M. *see* Naito, J. 69981
Inoue, M. *see* Noda, A. 79988
Inoue, M. *see* Ogawa, S. 75374
Inoue, M. *see* Saitoh, Y. 75789
Inoue, M. *see* Saitoh, Y. 80027
Inoue, M. *see* Saitoh, Y. 100838
Inoue, M. *see* Shirai, T. 89766
Inoue, M. *see* Tsuboyama, T. 100836
Inoue, M. *see* Yamamoto, T. 106503
Inoue, N., Homma, Y., Osaka, J., Araki, T. Behavior of monolayer holes on MBE grown GaAs surfaces during annealing revealed by in situ scanning electron microscopy 105537
Inoue, N., Itoh, A., Kimoto, T., Matsunami, H., Nakata, T., Watanabe, M. Hot implantation of N^+ into α-SiC epilayers 105590
Inoue, N., Kashiwabara, S., Toshima, S., Fujimoto, R. Off-axis excimer laser deposition of Ta_2O_5 thin films 92918
Inoue, N., Ozaki, T., Kashiwabara, S., Toshima, S., Fujimoto, R. Off-axis pulsed laser deposition method using a perforated screening plate 82764
Inoue, N., Yamasawa, K. Stabilization of temperature dependence of Verdet constant of Bi-doped garnet and development of high sensitive optical fiber magnetic field sensor 121159
Inoue, N. *see* Akita, H. 105511
Inoue, N. *see* Homma, Y. 82708
Inoue, N. *see* Kawamura, Y. 107502
Inoue, N. *see* Okada, M. 84867
Inoue, N. *see* Satow, T. 95514
Inoue, O. *see* Kosugi, R. 73327
Inoue, R. Digital mobile communication system designed for nationwide police activities–WIDE system 119073
Inoue, S., Nakao, M., Yoshinobu, T., Sugihara, H., Iwasaki, H. Position-sensitive detection of nerve impulses in neural network of rat brain slice by an electric-potential imaging sensor 70121
Inoue, S. *see* Fujii, T. 92913
Inoue, S. *see* Fujisawa, T. 63508
Inoue, S. *see* Hashizume, T. 89266
Inoue, S. *see* Hayashi, M. 109882
Inoue, S. *see* Matsuo, M. 89373
Inoue, S. *see* Nikawa, K. 74801
Inoue, S. *see* Nikawa, K. 106188
Inoue, S. *see* Nikawa, K. 115011
Inoue, S. *see* Onishi, K. 119493
Inoue, T., Abe, S., Kayama, M. LSI module placement using the Kohonen network 73864
Inoue, T., Fujii, T., Fujiwara, H. Performance analysis of parallel test generation for combinational circuits 104513
Inoue, T., Fujii, Y., Itoh, K., Ichioka, Y. Block blind separation of independent spectra in hyperspectral-images 86990
Inoue, T., Fujiwara, H., Michinishi, H., Yokohira, T., Okamoto, T. Universal test complexity of field-programmable gate arrays 61763
Inoue, T., Hamasaki, Y., Shimoyama, I., Miura, H. Micromanipulation using a microcoil array 83651
Inoue, T., Hanada, M., Kuriyama, M., Maeno, S., Matsuoka, M., Miyamoto, K., Ohara, Y., Okumura, Y., Watanabe, K. Development of high power negative ion sources and accelerators for neutral beam heating and current drive systems 69696
Inoue, T., Iritani, T., Kinouchi, Y. Filter optimization for pulse timing detector 78948
Inoue, T., Maeda, H., Fujiwara, H. On the effect of scheduling in test generation 104430
Inoue, T., Teranishi, T., Hanai, M., Murase, H., Ohshima, I., Ikeda, M. Turn-to-turn insulation characteristics of gas-insulated transformer under very fast transient overvoltage 81526
Inoue, T., Tsukano, K., Eguchi, K. Synthesis and analysis of chaotic circuits using switched-current techniques 73583
Inoue, T. *see* Eguchi, K. 114171
Inoue, T. *see* Itoh, J. 73997
Inoue, T. *see* Itoh, J. 83748
Inoue, T. *see* Kishi, M. 108115
Inoue, T. *see* Korechika, T. 122056
Inoue, T. *see* Maruhashi, K. 83443
Inoue, T. *see* Maruhashi, K. 83464
Inoue, T. *see* Maruyama, T. 81837
Inoue, T. *see* Nishimura, T.H. 120515
Inoue, T. *see* Nohara, M. 78606
Inoue, T. *see* Ohata, K. 73774
Inoue, T. *see* Ohata, K. 88085
Inoue, T. *see* Onishi, K. 119493
Inoue, T. *see* Takano, H. 103088
Inoue, T. *see* Toda, K. 81527
Inoue, T. *see* Tomita, H. 115535
Inoue, T. *see* Tsukano, K. 93626
Inoue, T. *see* Watanabae, T. 80864
Inoue, T. *see* Watanabe, K. 110471
Inoue, T. *see* Yamamoto, T. 106945
Inoue, T. *see* Yonezawa, H. 80893
Inoue, W. *see* Takau, K. 91507
Inoue, Y. High-speed multimedia networking technologies and applications 67922
Inoue, Y. Towards a multimedia network 78195
Inoue, Y., Kobayashi, K., Tanaka, E., Okamoto, S., Tsuchiya, Y., Takizawa, K. Blue electroluminescent devices with $SrGa_2S_4$:Ce for full-color display 106987
Inoue, Y., Muranishi, Y., Nakamura, M., Nakano, E., Takahashi, T., Teramoto, Y. High voltage distributions in RPCs 69828
Inoue, Y., Sawada, K., Kawamura, N., Sudo, T. A synthetic criterion for level-1 crack-free package–proposal of a superior package structure 112920
Inoue, Y., Tamura, T., Shiratake, F., Hayashi, Y. Automatic meter setting apparatus and utilized system 100177
Inoue, Y., Tanaka, K., Okamoto, S., Kobayashi, K. Blue electroluminescent devices with $SrGa_2S_4$:Ce thin films grown by molecular beam epitaxy 82663
Inoue, Y. *see* Abe, M. 106828
Inoue, Y. *see* Hirade, S. 94987
Inoue, Y. *see* Kozu, S. 73423
Inoue, Y. *see* Matsubara, T. 102719
Inoue, Y. *see* Tachikawa, Y. 78881
Inoue, Y. *see* Takada, K. 85072
Inoue, Y. *see* Tamura, T. 74992
Inoue, Y. *see* Tanaka, K. 78937
Inoue, Y. *see* Tsunetsugu, H. 99508
Inoue, Y. *see* Uchida, K. 64129
Inoue, Y. *see* Uchida, N. 88639
Inoue, Y. *see* Uchida, N. 109616
Inoue, Y. *see* Yamada, H. 99549
Inoue, Y. *see* Yamaguchi, Y. 93358
Inoue, Y. *see* Yonezawa, N. 73453
Inoue, Y. *see* Yongchang Zhu 84679
Inouye, L., Moser, L.E., Melliar-Smith, P.M. The QuickRing ATM switches 88027
Inouye, T., Tanabe, T., Nakanobou, M., Matsunaga, T. Laser in otolaryngology 110906
Inouye, Y., Ohta, T. Blind equalization of digital communication channels using fractionally spaced samples 117126
Inouye, Y., Sato, T. Unconstrained optimization criteria for blind equalization of multichannel linear systems 117927
Insalaco, L. *see* Sturtevant, J. 105821
InSan Jeon *see* KyungHi Chang 78442
Insana, M.F. *see* Bilgen, M. 70053
Insana, M.F. *see* Chaturvedi, P. 80367
Insepov, Z. *see* Yamada, I. 84118
Inshin, P.P. *see* Alexandrov, A.B. 77197
Insook Chung *see* Soamyung Park 87880
Insook Lee *see* Reigrotzki, M. 114604
Insung Lee Complexity-reduction algorithm of speech coder (QCELP) for CDMA digital cellular system 88202
Insung Lee, Won-Myung Lee, Myung-Seob Lim, Ki-Chul Han Improved QCELP algorithm (KQCELP) for CDMA digital cellular system 78436
In't Hout, K.J. A note on unconditional maximum norm contractivity of diagonally split Runge-Kutta methods 82551
Intae Ryoo *see* Cheul Shim 78045
Interlando, J.C., Palazzo, R., Jr. Multisequence generation and decoding of cyclic codes over $\mathbf{Z}_q$ 66363
Interlando, J.C., Palazzo, R., Jr., Elia, M. Group block codes over nonabelian groups are asymptotically bad 76802
Intrator, N. *see* Shimshoni, Y. 111153
Intrator, N. *see* Shimshoni, Y. 111181
Introna, F., Jr., Mastronardi, F. On human face identification methods 117884
Introna, F., Jr., Mastronardi, G. Compactness descriptors for human face 2D-morphometric analysis 77522
Inturi, V.R., Barnard, J.A. Effect of base layers on the soft magnetic properties of FeTaN films 75098
Inubushi, A. *see* Tanomaru, J. 66965
Inui, H. *see* Yamaguchi, M. 113512
Inui, K., Katsu, Y., Kominami, M., Kusaka, H. Characteristics of electromagnetic security tag system 76399
Inui, K., Katsu, Y., Kominami, M., Kusaka, H. Basic propositions of the resonant security tag system 78641
Inui, M., Abe, H. Robust Boolean set operation of polygons with degenerate intersections based on variable tolerances and topological necessary conditions 91448
Inui, S., Okubo, M., Nakagawa, M. Cancellation of SS interfering near-far problem with unknown spreading code 118793
Inui, S. *see* Hagihara, Y. 104518
Inui, T. *see* Hirata, S. 74960
Inui, Y., Emoto, N., Ishikawa, M., Umoto, J. Conceptual design of coupled nonequilibrium disk MHD generator and superconducting magnet system 91758
Inui, Y., Ishikawa, M., Umoto, J. Power control of coupled nonequilibrium disk MHD generator and line-commutated inverter system 81912
Inuishi, M. *see* Oda, H. 83122
Inuishi, M. *see* Shimizu, S. 84440
Inukai, E. *see* Kasuga, T. 64523
Inuma, K. Two-way interactive advertising in the information society 88863
Inumaru, J. *see* Watanaabe, S. 71153
Inushima, T., Kusumoto, N., Kubo, N., Hong-Yong Zhang, Yamazaki, S. Phase transformation in amorphous silicon under excimer laser annealing studied by Raman spectroscopy and mobility measurements 83871
Inuzuka, T. *see* Ohtsuka, K. 103918
Invernizzi, M. *see* Delfino, B. 101860
Invernizzi, M. *see* Delfino, B. 101930
Inyeol Lee, Changsik Yoo, Wonchan Kim, Sanghoon Chai, Wonchul Song A 622 Mb/s CMOS clock recovery PLL with time-interleaved phase detector array 73502
Io, E. *see* Hosono, K. 62101
Ioan, C. *see* Moldovanu, E. 69458
Ioan, D., Hantila, F., Gheorma, I. A study on the combined use of edge and nodal elements 96906
Ioan, D., Sfetcu, M.B. New models of magnetic circuit elements for coupled problems 107828
Ioan, D. *see* Dogaru, R. 117263
Ioan, D. *see* Hantila, F. 104256
Ioan, S. *see* Conecini, I. 102199
Ioan, S. *see* Ungueanu, M. 112801
Ioannides, D.A., Alevizos, P.D. Hazard analysis with errors 60823
Ioannidis, G., Xanthoulis, E., Manias, S.N. A novel uninterruptible power supply system with sinusoidal input-output characteristics and simplified control circuit 71512
Ioannidou, M.P. *see* Skaropoulos, N.C. 120547
Ioannou, A. *see* Persephonis, P. 104990
Ioannou, A. *see* Persephonis, P. 107092
Ioannou, D.E. *see* Lawrence, R.K. 84015
Ioannou, P. *see* Adam, W. 69709
Ioannou, P. *see* Pitsillides, A. 87343
Ioannou, Z., Gurcan, M.K. An efficient centrally controlled radio local area network model for network optimisation 118356
Ioannovich, J. *see* Gelikonov, V. 120408
Iochida, L. *see* Aaron, D.J. 101044
Iochimescu, A. *see* Badea, T. 69345
Iodice, A. *see* Franceschetti, G. 120689
Iodice, M. *see* Cocorullo, G. 88547
Iodice, R.M., Ruterbusch, P.H. Acousto-optic null steering processor (AONSP) hardware performance summary update 68649
Ioerger, M. Business process strategies for electronic PC boards 93996
Iofan, A.A. *see* Lemanov, V.V. 64165
Ioffe, M.S. *see* Wan, J.K.S. 71904
Iof'yev, B.I. Determining the extrema of real power in the three-node network of power system 121037
Iogansen, V.I. *see* Shtilerman, J.Z. 91456
Ioi, K., Sasae, K., Ohtsuki, Y., Kurosaki, Y. Development of a miniature 3 DOF rotational actuator 121519
Ioi, K. *see* Sasae, K. 91700
Ioinovici, A. *see* Chung, H. 113740
Ioinovici, A. *see* Divakar, B.P. 121728
Ioinovici, A. *see* Guangyong Zhu 113741
Ioka, S. *see* Satow, T. 95514
Ioki, K. *see* Piec, Z. 106721
Ioli, N. *see* Carelli, G. 75797
Ioli, N. *see* Moraes, J.C.S. 116296

Ionascu, D. *see* Antohe, S. 112331
Ionel, D.M. *see* Eastham, J.F. 102746
Ionescu, A.M., Cristoloveanu, S., Wilson, S.R., Rusu, A., Chovet, A., Seghir, H. Improved characterization of fully-depleted SOI wafers by pseudo-MOS transistor 94704
Ionescu, A.M. *see* Rusu, A. 63682
Ionescu, B. The study of the external characteristic of an electromagnetic flow indicator 119609
Ionescu, D. *see* Lavoie, P. 108591
Ionescu, D. *see* Petriu, E.M. 108349
Ionescu, D.M. *see* Wickert, M.A. 108745
Ionescu, E. *see* Antipa, C. 80470
Ionescu, F. *see* Delarue, P. 62011
Ionescu, F. *see* Fodor, D. 71773
Ionescu, F. *see* Fodor, D. 121440
Ionescu, F. *see* Simionescu, M. 89038
Ionescu, M., Ramer, R., Constantin, C., Ribco, L., Russell, G., Ramer, A., Fagan, J. Properties of yttrium barium copper oxide (YBCO) containing vanadium 95442
Ionescu-Goga, M. *see* Nussbaum, G.H. 69995
Ionikh, Y.Z. *see* Grigor'yan, G.M. 116360
Ionin, A., Spalding, I. CO lasers–state of the art and potential of applications 107116
Ionin, A. *see* Afanas'ev, L. 107071
Ionin, A. *see* Afanas'ev, L. 107530
Ionin, A. *see* Spalding, I. 107087
Ionita, C. *see* Covrig, M. 81436
Ionita, I. *see* Micu, D. 71325
Ionita, V., Cranganu-Cretu, B., Loan, D. Quasi-stationary magnetic field computation in hysteretic media 64279
Ionov, S.I., Reeder, R.A. Megahertz-repetition-rate Nd:glass fiber laser 75850
Iordache, M. *see* Voicu, N. 71326
Iordache, M. *see* Voicu, N. 121488
Iordanescu, S. *see* Simion, S. 62317
Iordanishvili, E.K., Kasymakhunova, A.M., Gafurov, Kh.U. Manufacturing procedure and basic design of photothermoelectric batteries 121884
Iorga-Siman, I. *see* Anghel, S. 76309
Iorio, R. *see* Borghetti, A. 111650
Iorio, V. *see* de Cesare, G. 100023
Iorish, Yu.I. Three-component accelerometer "Hexemshear" 69093
Ioroi, T., Uchimoto, Y., Ogumi, Z., Takehara, Z. Oxygen reduction at the interface YSZ/$LaMnO_3$ prepared by a vapor phase processes 81811
Ioup, G.E. *see* Pflug, L.A. 119958
Ioup, J.W. *see* Pflug, L.A. 119958
Iouri Kang *see* Geun-Hie Rim 71435
Iouri Kang *see* Jung-Goo Cho 71442
Iova, I. *see* Anghel, S. 76309
Iova, I. *see* Ralea, M.F. 76308
Iova, I. *see* Rosu, N.N. 76307
Iovan, M. *see* Berca, V. 112491
Iovenitti, P., Thompson, W., Singh, M. Three-dimensional measurement using a single image 79564
Iovu, M.S., Khanchevskaya, E.G. Electrostimulated recording media based on As_2Se_3 thin films 105278
Iovu, M.S., Shutov, S.D., Toth, L. Transient photocurrents under optical bias in time-of-flight experiment with amorphous films of As_2Se_3:Sn and As_2S_3:Sb_2S_3 75692
Ip, C.N., Dill, D.L. State reduction using reversible rules 87471
Ip, C.N., Dill, D.L. Better verification through symmetry 118088
Ip, D.M.C. *see* Ng, C.K.Y. 108563
Ip, H.H.S., Yu, R.P.K. Recursive splitting of active contours in multiple clump segmentation 98292
Ip, H.H.S. *see* Shen, D. 117552
Ipakchi, A. *see* Kumar, A.B.R. 101882
Iparraguirre, P. *see* Torres, M.I. 97640
Ippen, E.P. *see* Barry, R.A. 77948
Ippen, E.P. *see* Cundiff, S.T. 65133
Ippen, E.P. *see* Cundiff, S.T. 116444
Ippen, E.P. *see* Darwish, A.M. 96616
Ippen, E.P. *see* Hans, H.A. 65527
Ippen, E.P. *see* Lenz, G. 65519
Ippen, E.P. *see* Lenz, G. 116413
Ippen, E.P. *see* Namiki, S. 65075
Ippolito, L.J. The move to Ka-band satellite telecommunications: An assessment of services, availability and performance 88434
Ipponmatsu, M. *see* Kusunoki, A. 71676
Ipri, A. *see* Dolny, G. 69396
Ipri, A. *see* Khormaei, R. 89376
Ipson, S.S., Somaie, A.A., Booth, W. Face identification using 2-D isodensity moments 87020
Ipson, S.S. *see* Mohamad, D. 86702
Iqbal, A., Darwazeh, I.Z. Modelling of the heterojunction bipolar transistor based distributed amplifier 73777
Iqbal, A. *see* Ashraf, I. 111849
Iqbal, M. *see* Bokhari, M.A. 72582
Iqbal, M.S. *see* Haroon-Ur-Rashid 98147
Iqbal, M.Z. *see* Chang, G.K. 109662
Iqbal, M.Z. *see* Gee-Kung Chang 78915
Iqbal, M.Z. *see* Jackel, J.L. 78891
Irace, A., Breglio, G., Cutolo, A. An all fiber optic device for dynamic rotation of the polarization plane of a light wave 119258
Irace, A. *see* Bernini, R. 83792
Iracleous, D.P., Alexandridis, A.T. Nonlinear control of a series-connected DC motor using singular perturbation and feedback linearization techniques 71344
Iracleous, D.P., Alexandridis, A.T. Fuzzy tuned PI controllers for series connected DC motor drives 71780
Irakliotis, L.J., Mitkas, P.A. Design considerations for an intelligent optoelectronic interface 106766
Irakliotis, L.J., Mitkos, P.A. Optoelectronic random access memory with selective row decoder for optical information processing 95644
Irani, M., Anandan, P. Parallax geometry of pairs of points for 3D scene analysis 67222
Irani, M., Anandan, P., Bergen, J., Kumar, R., Hsu, S. Efficient representations of video sequences and their applications 86626
Iravani, M.R., Chandhary, A.K.S., Giesbrecht, W.J., Hassan, I.E., Keri, A.J.F., Lee, K.C., Martinez, J.A., Morched, A.S., Mork, B.A., Parniani, M., Sarshar, A., Shirmohammadi, D., Walling, R.A., Woodford, D.A. Modelling and analysis guidelines for slow transients. II. Controller interactions; harmonic interactions 91033
Iravani, S.M.R., Posner, M.J.M. An M/G/1 queue with cyclic service times 72432
Iravani, R.M. *see* Sarshar, A. 91945
Irby, J.H., Hunt, W.D., Corless, R.F. Characterization of SAW devices up to 2.6 GHz on GaAs and InP 106454
Irby, S.E., Kaufman, K.R., Sutherland, D.H. Electronically controlled long leg brace 70245
Irene, E.A. *see* Hu, Y.Z. 61379
Irene, E.A. *see* Hu, Y.Z. 82752
Irene, E.A. *see* Wang, Y. 84154
Iribarnegaray, L.Serrano *see* Serrano Iribarnegaray, L.
Irie, F. Progress and recent trend of SMES research 81920
Irie, F. The state of the art of superconductive magnetic energy storage (SMES) 121911
Irie, F. *see* Bohno, T. 103051
Irie, F. *see* Hara, M. 81921
Irie, F. *see* Hara, M. 95603
Irie, F. *see* Okada, H. 91770
Irie, F. *see* Tsutsumi, K. 91773
Irie, H. *see* Okui, H. 121951
Irie, K., Ohta, N., Morisaki, M., Tsuji, H. Regional PC communication network for residential use supported by fiber-optic access systems 118429
Irie, M. Dynamics of spatially and temporally decaying arcs for lightning discharge initiation 62548
Irie, M. Transversally accelerated kA arcs in air 116839
Irie, M. *see* Maeda, H. 72785
Irie, M. *see* Tsujioka, T. 106765
Irie, T., Shiraishi, K., Sato, T., Kasahara, R., Kawakami, S. Fiber-integrated isolators with high performance 78671
Irie, T. *see* Shiraishi, K. 116097
Irie, Y. Cathode-follower RF system for proton synchrotron and compressor rings 120034
Irie, Y. *see* Sakakima, H. 95364
Irikawa, M. *see* Shimizu, H. 116494
Irisov, V.G., Trokhimovski, Y.G. Polarimetric observation of ocean internal waves by microwave radiometers during the Coastal Ocean Probing Experiment 120847
Irisova, E.V. *see* Gankin, E.A. 106737
Iritani, T. *see* Inoue, T. 78948
Iriyama, Y. *see* Kiss, T. 113424
Irkaev, S.M., Mal'tsev, Yu.N. A precision Doppler modulator for Mossbauer spectrometer 69905
Irmer, B. *see* Wendel, M. 105825
Irmisch, M. High voltage diagnostics on electrical insulation of superconducting magnets 115956
Irmisch, M. *see* Darweschsad, M. 95517
Irmscher, D. *see* Agakichiev, G. 69736
Irmscher, D. *see* Faschingbauer, U. 110557
Irmscher, K. *see* Tomm, Y. 74314
Irmscher, M., Hofflinger, B., Springer, R., Stauffer, C., Peterson, W. High-performance TSI-process for e-beam using vapor-applied crosslinking silylating agents 105806
Irnich, W. 50 Hz magnetic field and cancer–a critical appraisal of current conceptions 70268
Irokawa, H. *see* Hasegawa, T. 81015
Irokawa, H. *see* Tadokoro, M. 121753
Irokawa, H. *see* Yoshida, Y. 91106
Irokawa, H. *see* Yoshida, Y. 91110
Irokawa, S. *see* Nakajima, T. 91661
Irokawa, S. *see* Tanabe, S. 80994
Ironmonger, S. *see* Patel, R. 102290
Ironmonger, S.N., Bushnell, M.J., Patel, R., Bradley, M.E., Vaughan, B.W. An object-oriented power system model and graphical information display system for control engineers 70630
Ironmonger, S.N. *see* Bushnell, M.J. 91022
Irons, F.H., Hummels, D.M. The modulo time plot–a useful data aquisition diagnostic tool 68998
Irons, F.H., Hummels, D.M., Papantonopoulos, I.N., Zoldi, C.A. Analog-to-digital converter error diagnosis 110057
Irons, F.H. *see* Hummels, D.M. 110056
Irrera, F. *see* Caputo, D. 100018
Irrera, F. *see* Caputo, D. 110149
Irrera, F. *see* de Cesare, G. 100021
Irrera, F. *see* de Cesare, G. 100023
Irschik, H., Schlacher, K. A convolution integral for piezoelectric vibrations: flexural vibrations of plates 106390
Irschik, H. *see* Belyaev, A.K. 107821
Irsen, W., Sandmann, S. Data capture and data updating with GPS 80605
Irsigler, R., Bauser, E., Chen, J.W., Da Via, C., Geppert, R., Goppert, R., Jorger, C., Klaas, K., Ludwig, J., Rogalla, M., Runge, K., Schmid, T., Webel, M., Weber, C. LPE-GaAs radiation detectors 120139
Irsigler, R. *see* Chen, J.W. 114803
Irsigler, R. *see* Geppert, R. 120141
Irsigler, R. *see* Rogalla, M. 120146
Irtuganov, V.M. *see* Bogdanov, M.P. 107621
Irvin, M., Kitazawa, T., Suzuki, T. A new generation of MPEG-2 video encoder ASIC and its application to new technology markets 113981
Irvine, D., Narayanan, M. Robotics and vision systems–an overview 69288
Irvine, D. *see* Herrera, A. 97617
Irvine, D. *see* McStay, K. 63910
Irvine, J., Cosimini, P., Dunlop, J. Implementation considerations for gross rate link adaptation 117191
Irvine, J. *see* Dunlop, J. 119028
Irvine, J. *see* Manzanedo, B.S. 109550
Irvine, K.G. *see* Bulman, G.E. 65240
Irvine, K.G. *see* Bulman, G.E. 96329
Irvine, K.G. *see* Dmitriev, V.A. 115144
Irvine, K.G. *see* Kalinina, E.V. 74474
Irvine, K.G. *see* Shenoy, J.N. 105516
Irving, M.R. *see* Abdelaziz, A.Y. 101668
Irving, M.R. *see* Cai, Y. 71851
Irving, M.R. *see* Rolim, J.G. 101908
Irving, M.R. *see* Zhu, J.Z. 101808
Irving, W.W. *see* Fosgate, C.H. 119289
Irwin, D. *see* Baur, T. 89238
Irwin, G. *see* Kuffel, P. 111491
Irwin, G.D., Nayak, O.B., Neufeld, A., Woodford, D.A., Gole, A.M. Designing controls for non-linear systems with electromagnetic transient programs 111490
Irwin, G.D. *see* Bodger, P.S. 70645
Irwin, G.D. *see* Wedepohl, L.M. 102147
Irwin, J. Computation of lattice maps using modular BCH and similarity composition rules [particle accelerators] 89609
Irwin, J. Using Lie algebraic maps for the design and operation of colliders 120051
Irwin, J., Chen, T. A map for the thick beam-beam interaction 89837
Irwin, J., Chun-Xi Wang Explicit soft fringe maps of a quadrupole 100515
Irwin, J. *see* Alexandrof, V.A. 100628
Irwin, J. *see* Cai, Y. 79973
Irwin, J. *see* Donald, M.H.R. 79978
Irwin, J. *see* Merminga, N. 100770
Irwin, J. *see* Nosochkov, Y. 79976
Irwin, J. *see* Raubenheimer, T. 89588
Irwin, J. *see* Spencer, J. 89666
Irwin, J. *see* Tenenbaum, P. 89675
Irwin, J. *see* Tenenbaum, P. 89910
Irwin, J. *see* Yan, Y.T. 79977
Irwin, J. *see* Zimmermann, E. 89665
Irwin, J. *see* Zimmermann, F. 89664
Irwin, K.D., Hilton, G.C., Wollman, D.A., Martinis, J.M. X-ray detection using a superconducting transition-edge sensor microcalorimeter with electrothermal feedback 110631
Irwin, K.D. *see* Cabrera, B. 100819
Irwin, K.D. *see* Lee, A.T. 106701
Irwin, M. *see* Goldberg, D.A. 100667
Irwin, M.J. *see* Acken, K.P. 108606
Irwin, M.J. *see* Borah, M. 73266
Irwin, M.J. *see* Borah, M. 93014
Irwin, M.J. *see* Borah, M. 108694
Irwin, M.J. *see* Mehta, H. 83101
Irwin, M.J. *see* Mehta, H. 93208
Irwin, M.J. *see* Nagendra, C. 93213
Irwin, M.J. *see* Nagendra, C. 113921
Isa, H., Sato, Y. Performance of implicit blind Viterbi algorithm in QPSK 68141
Isa, S. *see* Saeki, T. 73369
Isaac, G.A. *see* Cober, S.G. 90803
Isaac-Smith, T. *see* Lang, M. 105883
Isaacs, E.A., Morris, T., Rodriguez, T.K. A forum for supporting interactive presentations to distributed audiences 67879
Isaacs, E.A. *see* Tang, J.C. 67873
Isaacs-Smith, T. *see* Crofton, J. 105471
Isaacson, I.P. *see* Waytena, G.L. 94822
Isaacson, M.J. *see* Josephs, L.C. 83557
Isabelle, D.B. *see* Desgardin, P. 94708
Isabelle, D.B. *see* Ntsoenzok, E. 105832
Isaev, M.V. *see* Karetnikov, A.A. 95876
Isaeva, O.M. *see* Agrba, D.S. 66623
Isagawa, S. *see* Liu, J. 100500
Isago, T. *see* Shimizu, I. 117808
Isaji, H. *see* Hayashida, H. 91107
Isaka, K. *see* Chiba, A. 96944
Isaka, M., Imai, H. A simple method for keeping security in networks 68317
Isaka, S., Ishioka, Y., Abe, K. Diagnosis by colorimetry of aged insulating paper of transformers 71388
Isaka, S., Yagisawa, T., Tokumasu, T., Kase, T., Menju, S. Development and practical application of fully split core for power transformers 112048
Isaka, S. *see* Tsuchida, Y. 102808
Isakov, M.V., Permyakov, V.A. Radiation from slot antennas through a nonlinear plasma layer 85881
Isakov, S.A. *see* Fil'chikov, V.A. 79391

Isakov, V.A. *see* Belenov, E.M. 65428
Isaksen, O. Three phase pipe flow imaging using a capacitance tomography system 69250
Isaksen, O. *see* Mwambela, A.J. 101373
Isakson, S. *see* Meyyappan, A. 90869
Isaksson, M. *see* Engstrom, B. 98410
Isaksson, M. *see* van de Beek, J.-J. 67542
Isamoto, K. *see* Yamamoto, T. 106503
Isard, M., Blake, A. Contour tracking by stochastic propagation of conditional density 67248
Isasa, M.Vera *see* Vera Isasa, M.
Isasi, F. *see* Fontan, F.P. 68160
Isawa, K. *see* Kurono, M. 99496
Iscra, A. *see* Bolla, R. 87476
Ise, K. *see* Kamatani, Y. 78290
Ise, K. *see* Unekawa, Y. 78296
Ise, T., Marutani, Y., Murakami, Y., Yoneda, E., Sugawara, R. Operating characteristics of a superconducting transformer connected in parallel with a conventional transformer 102801
Ise, T., Yoneda, H., Murakami, Y., Tanahashi, S., Yamada, S., Chikaraishi, H. Current control of magnetically coupled superconducting coils for nuclear fusion experimental system using H∞ control scheme 115961
Ise, T. *see* Ishikawa, Y. 104785
Isei, K. *see* Yamakawa, K. 75100
Iseki, T. *see* Nishioka, K. 64373
Iseki, Y. *see* Miyagi, T. 114331
Isele, B., Russer, P. The modeling of coplanar circuits in a parallel computing environment 93709
Isele, B. *see* Lindenmeier, S. 85910
Isele, B. *see* Sobhy, M.I. 114249
Iseler, G., Anselmo, A.P., Bliss, D.F., Bryant, G., Lancto, R. A model for rapid synthesis of large volume InP melts 92680
Iseli, C.de Raad *see* de Raad Iseli, C.
Iselt, P. Fully automatic transmission of information via HF and comparison to satellite transmission 99068
Isermann, R. Model-based supervision and fault diagnosis of technical systems 72314
Isermann, R. Model-based supervision and fault diagnosis of technical systems. II 81484
Isermann, R. *see* Hofling, T. 112016
Isermann, R. *see* Hofling, T. 121500
Isernia, T., Leone, G., Pierri, R. Radiation pattern evaluation from near-field intensities on planes 66050
Isernia, T., Pascazio, V., Pierri, R., Schirinzi, G. Image reconstruction from Fourier transform magnitude with applications to synthetic aperture radar imaging 66973
Isernia, T., Pascazio, V., Pierri, R., Schirinzi, G. Synthetic aperture radar imaging from phase-corrupted data 109698
Isernia, T., Pascazio, V., Pierri, R., Schirinzi, G. Phase errors compensation in SAR imaging 120719
Isernia, T. *see* Cutolo, A. 69527
Ishak, W.S. InP based optoelectronic components for measurements, communications, and computers 99596
Ishchenko, A.A. *see* Bezrodnyi, V.I. 65406
Ishi, K. *see* Tsutaya, T. 62169
Ishi, T., Suzuki, T., Ishiwata, N., Yamada, K. Stress induced anisotropy effect for SAL films in magnetoresistive elements 115862
Ishi, Y. *see* Machida, S. 79814
Ishi, Y. *see* Tajima, T. 100491
Ishiai, Y. *see* Korechika, T. 122056
Ishiba, K., Komatsu, T., Takahara, M. Soliton system evaluations using fibers with dispersion and loss fluctuations 99568
Ishibashi, A. II-VI blue-green light emitters 75943
Ishibashi, A., Takeishi, H., Mannoh, M., Yabuuchi, Y., Ban, Y. Residual impurities in GaN/Al_2O_3 grown by metalorganic vapor phase epitaxy 72777
Ishibashi, A. *see* Chuang, S.L. 106999
Ishibashi, A. *see* Maruyama, T. 74157
Ishibashi, A. *see* Nakayama, N. 75965
Ishibashi, A. *see* Nakayama, N. 96031
Ishibashi, A. *see* Okuyama, H. 65243
Ishibashi, A. *see* Rees, P. 96332
Ishibashi, A. *see* Toda, A. 96333
Ishibashi, H. *see* Kurashige, K. 100900
Ishibashi, K. Eddy current analysis by BEM utilizing edge boundary condition 65696
Ishibashi, K. High-speed CMOS SRAM technologies for cache applications 93351
Ishibashi, K., Gonmori, H. Static magnetic field analysis by BEM utilizing edge boundary condition 107757
Ishibashi, K., Gonmori, H. Nonlinear magnetostatic analysis using surface and volume integral equations 107758
Ishibashi, K. *see* Arima, H. 106625
Ishibashi, K. *see* Bird, J.P. 62928
Ishibashi, K. *see* Bird, J.P. 74384
Ishibashi, K. *see* Bird, J.P. 114782
Ishibashi, K. *see* Hofmann, H.F. 74673
Ishibashi, K. *see* Joosse, K. 75337
Ishibashi, K. *see* Mizuno, H. 73354
Ishibashi, K. *see* Nishioka, T. 91192
Ishibashi, K. *see* Ochiai, Y. 62840
Ishibashi, R. *see* Nishi, T. 70942
Ishibashi, R. *see* Ohizumi, N. 82182
Ishibashi, T., Tokuhiro, M., Kojima, Y. Seismic design in electrical control technology [for water supply plant] 71960
Ishibashi, T. *see* Kumagai, Y. 61225
Ishibashi, T. *see* Seto, J. 85042
Ishibashi, T. *see* Yamagata, Y. 73452
Ishibashi, Y., Tasaka, S., Minami, E. Performance measurement of a stored media synchronization mechanism: quick recovery scheme 79184
Ishibashi, Y., Tsudzuki, K., Shouno, K. Synthesis of an LR doubly terminated LC filter and its simulation using an RC active circuit (GICs) 62021
Ishibashi, Y. *see* Nakanishi, H. 118034
Ishibashi, Y. *see* Tasaka, S. 77994
Ishibashi, Y. *see* Tsuduki, K. 62009
Ishibe, K. *see* Nakamura, Y. 119559
Ishibe, S. *see* Fujiwara, N. 111681
Ishibuchi, H., Murata, T. A learning method of fuzzy classification rules by a genetic algorithm 98168
Ishibuchi, S. *see* Kozu, S. 73423
Ishida, A., Fujiyasu, H. Recent progress in lead-salt lasers 96259
Ishida, A., Yamamoto, E., Iwata, F., Fujiyasu, H. Growth characteristics of GaN films and initial layers prepared by hot wall epitaxy 104074
Ishida, A. *see* Muramatsu, K. 104056
Ishida, A. *see* Toyokura, M. 90541
Ishida, H., Hanaki, S., Murai, N. Application of a virtual environment model to field work planning and the control of distribution line work by robots 91142
Ishida, H., Hayashi, K., Takakusaki, M., Nakamoto, T., Moriizumi, T., Kanzaki, R. Odour-source localization system mimicking behaviour of silkworm moth 79589
Ishida, H., Inoue, H., Shiraishi, Y. An ATM multiplexing system for cell delay variation 77620
Ishida, H., Kagawa, Y., Nakamoto, T., Moriizumi, T. Odor-source localization in the clean room by an autonomous mobile sensing system 119768
Ishida, H., Katsumata, S., Murakami, F., Honma, S. 2.488 Gbit/s optical transmitter and receiver 99564
Ishida, H. *see* Miyatsuji, K. 83427
Ishida, H. *see* Mizuno, H. 73354
Ishida, H. *see* Shimizu, A. 84072
Ishida, H. *see* Suzuki, Y. 78204
Ishida, H. *see* Yamano, N. 121792
Ishida, K. *see* Gautam, D.K. 64889
Ishida, K. *see* Ikarashi, N. 105315
Ishida, K. *see* Ishitani, H. 110282
Ishida, K. *see* Kawakyu, K. 88240
Ishida, K. *see* Takaki, Y. 86893
Ishida, K. *see* Tanizawa, M. 99446
Ishida, K. *see* Tsurumi, H. 78488
Ishida, K. *see* Yamada, Y. 85295
Ishida, M., Ikeda, Y., Naohara, N., Mitsui, H., Kumazawa, R., Kuroki, T. Dielectric properties of mica-alumina combined insulation at high temperatures 75046
Ishida, M., Kawase, T., Miyazawa, H., Katsuyama, T., Nebashi, S., Shimoda, T. Read/write properties of Nd-RE-TM films in the short-wavelength region 64392
Ishida, M., Kim, H., Kimura, T., Nakamura, T. A new etching method for single-crystal Al_2O_3 film on Si using Si ion implantation 84081
Ishida, M., Yamashita, M., Nagata, Y., Suda, Y. Growth temperature window and self-limiting process in sub-atomic-layer epitaxy 92704
Ishida, M. *see* Hasegawa, H. 73477
Ishida, M. *see* Higuchi, S. 91521
Ishida, M. *see* Kobayashi, S. 68102
Ishida, M. *see* Matsumoto, Y. 84635
Ishida, M. *see* Ogawa, Y. 91279
Ishida, M. *see* Ohashi, T. 99891
Ishida, M. *see* Parhami, B. 61855
Ishida, M. *see* Shimizu, Y. 91413
Ishida, M. *see* Takao, H. 110100
Ishida, M. *see* Taura, K. 109866
Ishida, M. *see* Tsuchiya, H. 82606
Ishida, M. *see* Tsukutani, T. 62015
Ishida, M. *see* Tsukutani, T. 104697
Ishida, M. *see* Wado, H. 72849
Ishida, M. *see* Young-Chul Jung 61257
Ishida, O., Hasegawa, T., Tsurumaki, W., Iwashita, K. Parallel-optical-interconnecting multiwavelength star network (POIMS Net) for high-capacity switching 109317
Ishida, O. *see* Asao, H. 115864
Ishida, O. *see* Itoh, K. 83538
Ishida, O. *see* Iyama, Y. 83275
Ishida, O. *see* Iyama, Y. 114293
Ishida, O. *see* Miyazaki, M. 86016
Ishida, O. *see* Nakayama, M. 83431
Ishida, O. *see* Shimozawa, M. 88283
Ishida, O. *see* Suematsu, N. 93864
Ishida, O. *see* Yamauchi, K. 88284
Ishida, R., Tanaka, S., Hasegawa, T., Kumagiri, K., Sasaki, K., Kusano, T. High-speed DSP for dual-mode speech codec μ-PD77018 78546
Ishida, S., Takaoka, S., Nakagawa, K., Oto, K., Murase, K., Shirai, S., Serikawa, T. Electron localization in band-tail transport of high-mobility poly-Si TFTs 94998
Ishida, S. *see* Miwa, S. 89450
Ishida, S. *see* Nagaoka, N. 111589
Ishida, S. *see* Okuda, S. 96537
Ishida, T., Nagao, M., Kosaki, M. Effect of instantaneous voltage change rate on appearance of swarming pulsive microdischarges 64046
Ishida, T., Nagao, M., Kosaki, M. Quantitative analysis of swarming pulsive microdischarges by using very low frequency voltage application 95290
Ishida, T. *see* Asakawa, M. 96555
Ishida, T. *see* Bessho, Y. 82239
Ishida, T. *see* Fujimura, N. 95310
Ishida, T. *see* Fujita, M. 96451
Ishida, T. *see* Kawakubo, T. 100547
Ishida, T. *see* Kuwabara, K. 77730
Ishida, T. *see* Ohigashi, N. 110518
Ishida, T. *see* Sasaki, H. 63772
Ishida, T. *see* Tomura, Y. 104979
Ishida, Y. *see* Hoya, T. 97604
Ishida, Y. *see* Izutani, S. 71032
Ishida, Y. *see* Kashima, H. 87696
Ishida, Y. *see* Shinoda, M. 109934
Ishida, Y. *see* Sugano, F. 97594
Ishida, Y. *see* Tanaka, S. 83532
Ishida, Y. *see* Taura, K. 109866
Ishida, Y. *see* Tokinaga, S. 77026
Ishida, Y. *see* Zhang, Y. 92830
Ishide, A., Fujita, M., Niimi, K., Matsuzaki, F., Yukawa, K. Development of experimental automatic dependent surveillance system and in-flight performances 80556
Ishidera, E., Nishiwaki, D., Yamada, K. A candidate reduction method for Japanese character segmentation 87125
Ishigaki, N. *see* Kaneko, Y. 95344
Ishigami, S., Iida, H., Iwasaki, T. Measurements of complex antenna factor by the near-field 3-antenna method 108029
Ishigami, S., Iwasaki, T. Evaluation of charge transition in a small gap discharge 65663
Ishigohka, T., Kasuya, A., Ninomiya, A. Stability improvement of AC superconducting magnet by forced-convection cooling 95595
Ishigohka, T. *see* Ninomiya, A. 95592
Ishigure, K. *see* Asai, K. 94334
Ishigure, T., Nihei, E., Koike, Y. Optimum refractive-index profile of the graded-index polymer optical fiber, toward gigabit data links 64640
Ishiguro, E., Ohashi, H., Sasano, T., Shobatake, K. Synchrotron radiation etching of diamond surfaces in the low pressure atmosphere of O_2 and SF_6 84145
Ishiguro, E. *see* Ohashi, H. 74590
Ishiguro, F. *see* Hasegawa, T. 91105
Ishiguro, H. Active, omnidirectional and distributed vision systems 67418
Ishiguro, H., Kamimura, S., Higashii, T., Hirose, M., Ueno, A., Yoshikawa, A., Itoh, K., Yamaguchi, M. A laser-detector-hologram unit with IV amplifiers and built-in micro-mirror 75416
Ishiguro, H. *see* Kato, K. 86665
Ishiguro, H. *see* Kato, K. 117568
Ishiguro, N. *see* Sadamoto, M. 92902
Ishiguro, N. *see* Saitoh, K. 102991
Ishiguro, O. *see* Matsumoto, H. 81333
Ishiguro, T., Sato, T., Iwashita, T., Yamada, S., Ichinose, Y., Shinohara, T., Tobise, M., Hagiwara, H. Pole density distribution in CoCrTa/Cr sputtered thin film media and their magnetic properties 106534
Ishiguro, T., Yamazato, T., Katayama, M., Ogawa, A. A study on improvement of performance of CDMA with DS/SS/GMSK 99390
Ishiguro, T. *see* Ishijima, Y. 75694
Ishiguro, T. *see* Logvenov, G.Yu. 106662
Ishiguro, T. *see* Sakurai, Y. 64178
Ishihara, H. *see* Kato, A. 100211
Ishihara, H. *see* Yanagawa, S. 114282
Ishihara, K. *see* Dosaka, K. 61894
Ishihara, K. *see* Dosaka, K. 73335
Ishihara, K. *see* Dosaka, K. 93377
Ishihara, K. *see* Habu, Y. 90271
Ishihara, K. *see* Matsumura, T. 73407
Ishihara, K. *see* Matsumura, T. 104574
Ishihara, K. *see* Nagakura, T. 110939
Ishihara, K. *see* Okazaki, T. 110804
Ishihara, K. *see* Sifu Zhang 110242
Ishihara, K. *see* Suzuki, T. 115707
Ishihara, M., Yumoto, H., Tsuchiya, T., Akashi, K. Effect of bias voltage on AlN thin films prepared by electron shower method 113500
Ishihara, M. *see* Fukao, M. 92308
Ishihara, M. *see* Mizuseki, H. 95361
Ishihara, M. *see* Mizuseki, H. 115835
Ishihara, M. *see* Sasaki, H. 95129
Ishihara, M. *see* Yumoto, H. 61155
Ishihara, N., Ohama, T., Yamada, Y. A proposed detector DCBA for double beta decay experiments 80003
Ishihara, N. *see* Alexandrof, V.A. 100628
Ishihara, N. *see* Uchida, N. 88639
Ishihara, N. *see* Uchida, N. 109616
Ishihara, O. *see* Kashiwa, T. 62356
Ishihara, O. *see* Katoh, T. 93910
Ishihara, O. *see* Sasaki, H. 63772
Ishihara, O. *see* Shimada, M. 68016
Ishihara, O. *see* Yatsuzuka, M. 62593
Ishihara, O. *see* Young, D. 62591
Ishihara, S. *see* Imanishi, Y. 76228.
Ishihara, S. *see* Nalwa, H.S. 85628
Ishihara, T., Minami, H., Matsuda, H., Takita, Y. Application of the new oxide ionic conductor, $LaGaO_3$, to the solid electrolyte of fuel cells 81785

Ishihara, T., Sato, K., Takita, Y. Electrophoretic deposition of Y_2O_3-stabilized ZrO_2 electrolyte films in solid oxide fuel cells 71693
Ishihara, T., Sato, S., Fukushima, T., Takita, Y. Capacitive gas sensor of mixed oxide CoO-In_2O_3 to selectively detect nitrogen monoxide 79591
Ishihara, T., Shimose, K., Shiomitsu, T., Takita, Y. Electrophoretic deposition of Y_2O_3-stabilized ZrO_2 on the porous $La_{0.8}Sr_{0.2}MnO_3$ cathode substrate for SOFC 81784
Ishihara, T., Tadano, H., Shimawaki, H., Sagae, K., Sato, N., Yokoo, K. Space harmonic peniotron in a magnetron waveguide resonator 62580
Ishihara, T., Tanaka, J., Yamashita, H. AMICS: ATM-based integrated platform for multimedia services 78206
Ishihara, T., Tanaka, J., Yamashita, H. AMICS: ATM-based integrated platform for multimedia services 98857
Ishihara, T. *see* Fujita, S. 100239
Ishihara, T. *see* Ino, M. 73249
Ishihara, T. *see* Masuda, S. 67720
Ishihara, T. *see* Nishimura, K. 115340
Ishihara, T. *see* Yokoo, K. 74002
Ishihara, Y. *see* Kawase, Y. 71252
Ishihara, Y. *see* Matsubara, T. 102719
Ishihara, Y. *see* Minagawa, T. 121433
Ishihara, Y. *see* Mitsutake, Y. 107812
Ishihara, Y. *see* Yoshitake, A. 107823
Ishii, A. *see* Okita, Y. 75820
Ishii, H., Hirano, S., Hara, T., Fujikami, J., Sato, K. The a.c. losses in $(Bi,Pb)_2Sr_2Ca_2Cu_3O_x$ silver-sheathed superconducting wires 95446
Ishii, H., Hirano, S., Hara, T., Fujikami, J., Shibuta, N., Sato, K. AC losses in BSCCO silver sheathed wires 84860
Ishii, H., Tomita, Y. Dynamics of space-charge fields created in photorefractive barium titanate by single picosecond pulses: a computer simulation 65529
Ishii, H. *see* Fujikami, J. 91187
Ishii, H. *see* Fujioka, T. 64510
Ishii, H. *see* Funakoshi, Y. 100558
Ishii, H. *see* Harima, Y. 94580
Ishii, H. *see* Kikuchi, H. 91188
Ishii, H. *see* Matsuda, T. 95962
Ishii, H. *see* Miura, O. 102178
Ishii, H. *see* Tanaka, H. 87592
Ishii, H. *see* Terada, N. 99773
Ishii, H. *see* Yasaka, H. 68485
Ishii, H. *see* Yasaka, H. 78889
Ishii, H. *see* Yasaka, H. 85497
Ishii, H. *see* Yonemori, H. 121582
Ishii, H. *see* Yoneyama, K. 118057
Ishii, I., Fuchino, S., Okano, M., Tamada, N. Electrical insulation characteristics of liquid helium under high speed rotating field 102600
Ishii, I., Nakabo, Y., Ishikawa, M. Target tracking algorithm for 1 ms visual feedback system using massively parallel processing 86767
Ishii, I. *see* Fuchino, S. 102605
Ishii, I. *see* Higuchi, N. 102606
Ishii, I. *see* Nakashizuka, M. 110827
Ishii, I. *see* Nomura, H. 95572
Ishii, I. *see* Okano, M. 95618
Ishii, I. *see* Sato, E. 110878
Ishii, J. *see* Asai, M. 116874
Ishii, J. *see* Hontsu, S. 84908
Ishii, J. *see* Murakami, K. 65906
Ishii, J. *see* Murakami, K. 84512
Ishii, J. *see* Murakami, K. 104794
Ishii, K. PHS: revolutionizing personal communication in Japan 119036
Ishii, K., Ohue, H., Mito, K., Sasaki, K. Amplification properties of solid-state dye laser medium 75828
Ishii, K. *see* Charkari, N.M. 77095
Ishii, K. *see* Shimokawa, R. 91756
Ishii, K. *see* Shirai, S. 89277
Ishii, K. *see* Tomizawa, T. 75827
Ishii, K. *see* Wada, T. 94864
Ishii, K. *see* Yoneoka, M. 109572
Ishii, M., Harada, K., Kobayashi, M., Usuki, Y., Yazawa, T. Mechanical properties of $PbWO_4$ scintillating crystals 100808
Ishii, M., Komatsubara, M., Matsuoka, R., Matsumoto, T., Kurokawa, M., Naito, K. Behavior of insoluble materials in artificial contamination tests 91205
Ishii, M., Minami, T., Miyata, T., Karaki, S., Takata, S. Mass-spectrometric study of gas reaction of trimethylgallium-monomethylhydrazine in a low-pressure metalorganic chemical vapor deposition apparatus by in-situ gas sampling 104168
Ishii, M. *see* Baba, Y. 102203
Ishii, M. *see* Cai, Y. 79636
Ishii, M. *see* Fuji, H. 116012
Ishii, M. *see* Hamazumi, Y. 88053
Ishii, M. *see* Hongo, Y. 111611
Ishii, M. *see* Kobayashi, M. 69829
Ishii, M. *see* Kobayashi, M. 80004
Ishii, M. *see* Komatsubara, M. 101475
Ishii, M. *see* Krumins, A. 107568
Ishii, M. *see* Leung, W.H. 89570
Ishii, M. *see* Matsumoto, K. 63819
Ishii, M. *see* Matsumoto, K. 64007
Ishii, M. *see* Michishita, K. 80596
Ishii, M. *see* Michishita, K. 107939
Ishii, M. *see* Michishita, K. 121113
Ishii, M. *see* Michishita, K. 121114
Ishii, M. *see* Tachikawa, Y. 78881
Ishii, M. *see* Wu, Q. 121302
Ishii, M. *see* Wu, Q. 121303
Ishii, M. *see* Yamaguchi, I. 61397
Ishii, M. *see* Zaima, E.-I. 121249
Ishii, N., Kohno, R. Tap selectable Viterbi equalization in spatial and temporal domains for multipath channel 68308
Ishii, N. *see* Delgado, J. 102090
Ishii, N. *see* Kohno, R. 88387
Ishii, N. *see* Muramoto, M. 76623
Ishii, O., Senda, M., Takei, K., Koshimoto, Y., Mori, T. Application of Co-based amorphous ribbon to a noise filter and a shielded cable 64309
Ishii, O. *see* Senda, M. 115732
Ishii, R. *see* Iwaki, M. 66854
Ishii, S., Ohyama, K., Yamanaka, K. A 1,024-bit high-speed RSA encryption processor 61950
Ishii, S., Shibata, T., Mizutani, K., Itabe, T. Optical fiber coupled multitelescope lidar system: application for a Rayleigh lidar 120756
Ishii, S., Tanaka, K., Kuwa, S., Yoshino, H., Kuwayama, T., Okamura, Y., Kume, S., Yuasa, Y., Ozawa, T. Video supervision network for eruption disaster of Mt. Unzen-Fugen 119445
Ishii, S. *see* Hara, K. 118701
Ishii, S. *see* Ohishi, M. 74226
Ishii, T., Chiba, R. SOFC using cubic stabilized zirconia in a ZrO_2-Sc_2O_3-Al_2O_3 system as an electrolyte 81779
Ishii, T., Madani, N. High-speed, high-drive SN74ABT7819 FIFO 73392
Ishii, T., Shinkoda, T., Ueha, S., Nakamura, K., Kurosawa, M. Efficiency improvement of an ultrasonic motor driven with rectangular waveform 91565
Ishii, T. *see* Chiba, R. 81798
Ishii, T. *see* Kobayashi, I. 115673
Ishii, T. *see* Miwa, H. 73345
Ishii, T. *see* Mizuno, T. 97010
Ishii, T. *see* Mochizuki, Y. 114980
Ishii, T. *see* Suzuki, A. 84939
Ishii, T. *see* Suzuki, A. 113554
Ishii, T. *see* Yano, K. 73397
Ishii, T. *see* Yoshida, K. 121623
Ishii, T.K. *see* Shetty, S. 70205
Ishii, T.K. *see* Wang, S.T. 89474
Ishii, Y. Fabrication technologies of InP-based digital ICs and MMICs 95210
Ishii, Y., Ariyoshi, H., Yamaura, S., Ichinokawa, T., Tanaka, S. Car navigation system CMP-G1 68747
Ishii, Y., Nakabaru, M., Utena, S. Development of a symptom-based transient mitigation method for feedwater system failure in the ABWR plant 102376
Ishii, Y., Tanaka, R., Isoya, A. Low-energy ion source characteristics for producing an ultra-fine microbeam 100792
Ishii, Y. *see* Hirata, S. 74960
Ishii, Y. *see* Kawamura, H. 81169
Ishii, Y. *see* Noyori, Y. 89338
Ishii, Y. *see* Onodera, R. 85724
Ishii, Y. *see* Onodera, R. 100363
Ishii, Y. *see* Shimodaira, Y. 89303
Ishii, Y. *see* Shinomiya, T. 79617
Ishii, Y. *see* Suemitsu, T. 74753
Ishii, Y. *see* Takahashi, T. 75604
Ishii, Y. *see* Tsukamoto, K. 88519
Ishii, Y. *see* Umeda, Y. 83251
Ishii, Y. *see* Umeda, Y. 93292
Ishii, Y. *see* Washio, H. 89339
Ishijima, Y., Ishiguro, T. Negative photoconductance in a single crystal of C_{60} 75694
Ishikawa, A., Tanahashi, K., Futamoto, M. Magnetic and structural properties of Ba-ferrite films prepared by sol-gel processing 64457
Ishikawa, A. *see* Fujil, H. 98885
Ishikawa, A. *see* Kato, D. 68927
Ishikawa, A. *see* Matsuda, Y. 64453
Ishikawa, F., Kitagawa, M., Sasaki, H., Yorino, N., Okimura, H. The small signal stability analysis of large power systems by means of improved simultaneous iteration method 101751
Ishikawa, G., Sugata, A., Ooi, H., Nishimoto, H. 20 Gbit/s transmission experiments over 2040 km using OTDM and conventional TDM transmitter schemes 78684
Ishikawa, G. *see* Onaka, H. 88642
Ishikawa, H., Haga, Y. A study of voltage distribution in motor windings against steep-fronted surge 71303
Ishikawa, H., Shinonaga, H., Kobayashi, H. Position determination method for personal satellite communication systems using non-geostationary satellites 78610
Ishikawa, H., Shinonaga, H., Kobayashi, H. Ambiguity removal technique for user position determination method in non-geostationary satellite system 88188
Ishikawa, H., Soda, M., Takeuchi, T., Kaneko, H., Suzaki, T. 2.4-Gbit/s compact optical receiver module with one-chip 3R IC 88571
Ishikawa, H., Tsukui, K., Koide, Y., Teraguchi, N., Tomomura, Y., Suzuki, A., Murakami, M. Effects of surface cleaning on electrical properties for Ni contacts to p-type ZnSe 83982
Ishikawa, H. *see* Egawa, T. 96015
Ishikawa, H. *see* Koide, Y. 74461
Ishikawa, H. *see* Kuriyama, N. 71659
Ishikawa, H. *see* Kuriyama, N. 91721
Ishikawa, H. *see* Kusunoki, A. 71676
Ishikawa, H. *see* Kuwatsuka, H. 78802
Ishikawa, H. *see* Shoji, H. 85470
Ishikawa, H. *see* Shoji, H. 96278
Ishikawa, H. *see* Shoji, H. 116493
Ishikawa, H. *see* Suetsugu, Y. 64700
Ishikawa, I. *see* Mochiki, K. 104241
Ishikawa, I. *see* Onuki, J. 114456
Ishikawa, I. *see* Seta, K. 107655
Ishikawa, J., Inoue, K., Sadakane, S., Gotoh, Y., Tsuji, H. Cone-shaped Metal-Insulator-Semiconductor cathode for vacuum microelectronics 74048
Ishikawa, J., Inoue, K., Sadakane, S., Gotoh, Y., Tsujl, H. Cone-shaped metal-insulator-semiconductor cathode for vacuum microelectronics 83739
Ishikawa, J., Yanagita, Y., Hattori, T., Hashimoto, M. Head positioning control for low sampling rate systems based on two degree-of-freedom control 64408
Ishikawa, J. *see* Endo, K. 95367
Ishikawa, J. *see* Gotoh, Y. 100781
Ishikawa, J. *see* Gotoh, Y. 114508
Ishikawa, J. *see* Higashida, M. 78269
Ishikawa, J. *see* Nagamachi, S. 72951
Ishikawa, K., Hoshino, T. Rapid protocol prototyping from message sequence chart based specification 77751
Ishikawa, K. *see* Fukuda, H. 98924
Ishikawa, K. *see* Furukawa, T. 85600
Ishikawa, K. *see* Hoshi, H. 76155
Ishikawa, K. *see* Inomata, C.R. 114974
Ishikawa, K. *see* Jayatissa, A.H. 72944
Ishikawa, K. *see* Jayatissa, A.H. 92854
Ishikawa, K. *see* Kuroda, T. 79547
Ishikawa, K. *see* Matsumura, T. 73053
Ishikawa, K. *see* Nakamura, K. 64800
Ishikawa, K. *see* Nomura, T. 92753
Ishikawa, K. *see* Shingu, H. 79080
Ishikawa, K. *see* Shiraishi, T. 118693
Ishikawa, K. *see* Shirota, K. 85589
Ishikawa, K. *see* Yamada, T. 85594
Ishikawa, K. *see* Yamada, T. 85622
Ishikawa, M. Present and future of cockpit 70303
Ishikawa, M. System architecture for optoelectronic parallel computing 85175
Ishikawa, M., Kyogoku, A., Umoto, J. Stability of large-scale coal-fired MHD channels 71719
Ishikawa, M., Matsuo, T., Umoto, J. Stability analysis of MHD disk generators designed for coal-fired power system with CO_2 recovery 121904
Ishikawa, M. *see* Fujii, M. 61824
Ishikawa, M. *see* Inui, Y. 81912
Ishikawa, M. *see* Inui, Y. 91758
Ishikawa, M. *see* Ishii, I. 86767
Ishikawa, M. *see* Iwashita, T. 112422
Ishikawa, M. *see* McArdle, N. 85177
Ishikawa, M. *see* Maeda, T. 104439
Ishikawa, M. *see* Matsuda, Y. 81665
Ishikawa, M. *see* Morita, M. 112292
Ishikawa, M. *see* Mukai, T. 66850
Ishikawa, M. *see* Nagai, A. 112305
Ishikawa, M. *see* Naruse, M. 85192
Ishikawa, M. *see* Sato, M. 89302
Ishikawa, M. *see* Takamatsu, H. 80041
Ishikawa, M. *see* Takamatsu, H. 100907
Ishikawa, M. *see* Tanaka, Y. 89352
Ishikawa, N. *see* Ariki, Y. 87134
Ishikawa, N. *see* Haseyama, S. 85903
Ishikawa, N. *see* Hirako, M. 88467
Ishikawa, O. *see* Fujimoto, K. 109473
Ishikawa, O. *see* Itoh, J. 88198
Ishikawa, O. *see* Maeda, M. 73719
Ishikawa, R. *see* Kamata, T. 76225
Ishikawa, S., Hagiwara, Y. Substation power cut-off detection device on regenerative braking high speed trains 112561
Ishikawa, S., Yokota, Y., Iwata, A., Yoshida, Y. ECG coding using orthogonal wavelet transform followed by learning vector quantization 110859
Ishikawa, S. *see* Kaneko, S. 88139
Ishikawa, S. *see* Kurata, K. 78800
Ishikawa, S. *see* Kurata, K. 96299
Ishikawa, S. *see* Nojima, A. 93765
Ishikawa, T., Gildersleeve, N. Torsional versus bending behavior in connector alloys 114401
Ishikawa, T., Matsunami, M. An optimization method based on radial basis function 96961
Ishikawa, T., Nakashima, K., Kajikawa, Y., Nomura, Y. A consideration on elimination of nonlinear distortion of the loudspeaker system by using digital Volterra filter 99807
Ishikawa, T., Suzuki, H., Taki, H., Homma, K., Kabuo, H., Okamoto, M., Ueda, K., Asahi, R. A 16 bit low-power-consumption digital signal processor for portable terminals 67989
Ishikawa, T., Tanaka, N., Lopez, M., Matsuyama, I. Effects of GaAs-surface roughness on the electron-beam patterning characteristics of a surface-oxide layer 74637
Ishikawa, T., Tanaka, N., Lopez, M., Matsuyama, I. In situ electron-beam processing for GaAs/AlGaAs nano-structures 94867
Ishikawa, T., Tsukui, Y., Matsunami, M. Optimization of electromagnetic devices using artificial neural network with quasi-Newton algorithm 65749
Ishikawa, T., Yamashita, E. Characterization of buried microstrip lines for constructing high-density microwave integrated circuits 73780

Ishikawa, T., Yamashita, E. Experimental evaluation of basic circuit components using buried microstrip lines for constructing high-density microwave integrated circuits 93855
Ishikawa, T. *see* Kabuo, H. 61946
Ishikawa, T. *see* Kabuo, H. 93477
Ishikawa, T. *see* Lopez, M. 61294
Ishikawa, T. *see* Mizoguchi, H. 108665
Ishikawa, T. *see* Nakamura, H. 90612
Ishikawa, T. *see* Niestroj, A. 80008
Ishikawa, T. *see* Okabe, S. 81612
Ishikawa, T. *see* Sasaki, H. 68015
Ishikawa, T. *see* Ueno, M. 69302
Ishikawa, T. *see* Yoshida, S. 105626
Ishikawa, Y. Multimedia network and future Internet 118333
Ishikawa, Y., Hattori, J., Abe, S., Kobayashi, E., Nishiyama, T. 1.9 GHz compact low loss dielectric duplexer designed by dual mode waveguide transmission line method 62187
Ishikawa, Y., Hidaka, S., Hattori, J. Low profile filter using open disk dual mode dielectric resonators for microcellular base station 93745
Ishikawa, Y., Hidaka, S., Ise, T., Matsui, N. Low-profile filter using open disk dual-mode dielectric resonators 104785
Ishikawa, Y., Hiratsuka, T., Yamashita, S., Iio, K. Planar type dielectric resonator filter at millimeter-wave frequency 73664
Ishikawa, Y., Suzuki, K., Sengoku, S., Tanei, Y., Sano, M., Kun, H. PDA (personal digital assistant) controller: μPD72170 73458
Ishikawa, Y., Tamagawa, T. Enhanced nitridation of silicon at low temperature by ultraviolet irradiation 84191
Ishikawa, Y., Tanizaki, T., Saitoh, A., Yoneyama, T. Complex permittivity measurement of dielectric materials using nonradiative dielectric guide at millimeter wavelength 89466
Ishikawa, Y., Yoshino, H., Sasaki, C. Long-term investigation of indoor thermal environment and energy performance in an actual detached house with passive solar systems 71194
Ishikawa, Y. *see* Ando, Y. 74119
Ishikawa, Y. *see* Ando, Y. 95227
Ishikawa, Y. *see* Hattori, J. 93723
Ishikawa, Y. *see* Takahashi, S. 98224
Ishikawa, Y. *see* Tanaka, H. 83329
Ishikawa, Y. *see* Yang, B. 74186
Ishikubo, Y. *see* Uchida, S. 81132
Ishikubo, Y. *see* Yasuda, H. 76313
Ishikura, M., Ito, Y., Yamazaki, K., Asami, T. Multi connection TCP mechanism for high performance transport in an ATM network 108853
Ishikura, T. *see* Asano, T. 74028
Ishikuro, H., Fujii, T., Saraya, T., Hashiguchi, G., Hiramoto, T., Ikoma, T. Coulomb blockade oscillations at room temperature in a Si quantum wire metal-oxide-semiconductor field-effect transistor fabricated by anisotropic etching on a silicon-on-insulator substrate 74722
Ishimaru, A., Ailes-Sengers, L., Phu, P., Winebrenner, D. Pulse scattering by rough surfaces 97055
Ishimaru, A., Le, C., Kuga, Y., Sengers, L.A., Chan, T.K. Polarimetric scattering theory for high slope rough surface: Summary 85838
Ishimaru, A. *see* Chan, T.K. 116897
Ishimaru, A. *see* Johnson, J.T. 65763
Ishimaru, A. *see* Moehring, M.A. 70043
Ishimaru, H. *see* Hisamatsu, H. 100405
Ishimaru, K. *see* Suzuki, A. 73352
Ishimaru, M. *see* Abe, M. 76810
Ishimaru, N. *see* Kurioka, H. 70980
Ishimaru, N. *see* Sakamoto, Y. 71648
Ishimaru, T. *see* Fukushima, T. 118660
Ishimaru, Y. *see* Yu Zhu 94586
Ishimaru Akira *see* Akira Ishimaru
Ishimatsu, T. *see* Wang, H.B. 101431
Ishimi, K. *see* Shimizu, T. 73431
Ishimoto, K. *see* Henmi, Y. 119387
Ishimoto, K. *see* Kumagai, Y. 61225
Ishimura, E., Miyazaki, Y., Aoyagi, T., Kimura, T., Itagaki, T., Takemi, M. A semiconductor laser with an integrated 2.5 Gbps modulator 78743
Ishimura, H., Murayama, M., Arai, K., Saito, Y., Oda, Y., Kuroda, H. L- and S-band 50-watt power GaAs MESFETs 83372
Ishino, I. *see* Banmongkol, C. 64144
Ishino, M. *see* Kito, M. 65229
Ishino, M. *see* Kito, M. 65368
Ishino, M. *see* Kito, M. 107313
Ishino, M. *see* Otsuka, N. 65221
Ishino, M. *see* Otsuka, N. 76005
Ishino, M. *see* Otsuka, N. 94683
Ishio, S. *see* Koizumi, H. 64345
Ishio, S. *see* Kurita, N. 64177
Ishio, S. *see* Sato, M. 64343
Ishioka, K., Takanashi, H., Tanaka, T. Improved throughput characteristics by ARQ with weighted majority decision 68246
Ishioka, K. *see* Kawamura, A. 71539
Ishioka, M. *see* Banmongkol, C. 64144
Ishioka, Y. *see* Isaka, S. 71388
Ishioka, Y. *see* Matsumoto, M. 77915
Ishisaki, Y. *see* Ohashi, T. 99891
Ishitani, H., Ishida, K., Tamano, K., Watabu, K., Someya, J., Inamura, M., Nagayama, T., Okuno, Y., Yoshikawa, S., Sugiura, H., Kuno, T., Asakawa, K., Shikawa, S., Maemura, Y. Development of very bright LC projector 110282
Ishitani, H. *see* Nakanishi, K. 89435
Ishitani, Y., Minagawa, S., Kita, T., Nishino, T., Yaguchi, H., Shiraki, Y. The optical processes in AlInP/GaInP/AlInP quantum wells 114766
Ishitsuka, N. *see* Miura, H. 74752
Ishiwa, T., Mizuno, T. PCMCIA modem/fax card connector with internal DAA 114387
Ishiwaka, Y. *see* Chettri, S. 97669
Ishiwara, H. *see* Hyun-Kwon Ha 61423
Ishiwata, N. *see* Hashimoto, M. 115700
Ishiwata, N. *see* Ishi, T. 115862
Ishiyama, A. *see* Noguchi, S. 95547
Ishiyama, A. *see* Noguchi, S. 95605
Ishiyama, A. *see* Noguchi, S. 95611
Ishiyama, A. *see* SeokBeom Kim 95416
Ishiyama, A. *see* Tsuda, M. 102177
Ishiyama, H. *see* Ohska, T.K. 100980
Ishiyama, I. *see* Suzuki, K. 104897
Ishiyama, K., Honda, T., Arai, K.I. Magnetostriction of amorphous Tb-Fe and Sm-Fe thin films [and microactuator application] 115482
Ishiyama, K. *see* Bi, X.F. 115571
Ishiyama, K. *see* Hashi, S. 115580
Ishiyama, K. *see* Honda, T. 115870
Ishiyama, K. *see* Yamashiro, Y. 64210
Ishiyama, Y. *see* Kubota, Y. 118386
Ishizaka, A. *see* Iwata, S. 63167
Ishizaka, K. *see* Itoh, R. 61630
Ishizaka, K. *see* Itoh, R. 112427
Ishizaka, K. *see* Oishi, H. 91627
Ishizaki, A., Sekimoto, H. Two-dimensional analysis using one-dimensional FEM for straight-crested waves in arbitrary anisotropic crystal plates and axisymmetric piezoelectric vibrations in ceramic disks 106377
Ishizaki, A., Sekimoto, H., Tajima, D., Watanabe, Y. Analysis of spurious vibrations in mesa-shaped AT-cut quartz plates 106397
Ishizaki, A., Takasaki, K., Shimomura, S., Masaki, K., Kitazawa, K. Theory and characteristics of novel variable reluctance 1X resolver 100324
Ishizaki, A. *see* Wada, T. 89578
Ishizaki, F., Takine, T., Hasegawa, T. Analysis of a discrete-time queue with geometrically distributed gate opening intervals 60789
Ishizaki, F., Takine, T., Terada, H., Hasegawa, T. Loss probability approximation of a statistical multiplexer and its application to call admission control in high-speed networks 77613
Ishizaki, J. *see* Ohkuri, K. 62738
Ishizaki, M. *see* Kohiyama, K. 109918
Ishizaki, O., Ohnuki, T., Adachi, K., Akagi, K., Momiji, H., Komoda, O., Ohta, N. Plastic substrate preembossed 100 kbpi, 3.4 μm track width magnetic disk (abstract) 64427
Ishizaki, T., Asakawa, Y., Furihata, T., Kato, J., Kawasaki, O. A low-profile ladder filter for portable telephones employing length expander mode 88138
Ishizaki, T., Uwano, T., Miyake, H. An extended configuration of a stepped impedance comb-line filter 73663
Ishizaki, T. *see* Sakakura, M. 113796
Ishizaki, T. *see* Yamada, T. 115464
Ishizawa, K. *see* Tanizawa, M. 99446
Ishizawa, N. *see* Linfeng Mei 64594
Ishizawa, Y., Nakayama, I., Hirose, Y., Murata, H., Yamada, K. 64/256 QAM chip-set for digital CATV application 79175
Ishizu, K. Outline of Series 300X EMU Shinkansen train built for testing purpose at high speed 122036
Ishizuka, H. *see* Shiho, M. 96551
Ishizuka, K. *see* Ando, M. 68103
Ishizuka, M. *see* Koike, A. 67513
Ishizuka, M. *see* Kondo, A. 73060
Ishizuka, M. *see* Tokunaga, H. 109189
Ishizuka, O. *see* Tanno, K. 93625
Ishizuka, O. *see* Zhang Tang 61968
Ishizuka, T., Nezu, K., Sato, Y., Yamaguchi, H., Kataoka, T. Supply current control of voltage-type PWM rectifiers applying lossless resonator 112084
Ishizuka, T. *see* Kasuga, S. 80014
Ishizuka, T. *see* Kataoka, T. 121750
Ishizuka, T. *see* Ohashi, T. 99891
Ishizuka, Y., Sasaki, M. Fully balanced CMOS current-mode filters for high-frequency applications 83208
Ishizuka, Y., Yamaguchi, T., Iida, Y., Nozaki, H., Furukawa, A. Predominant influences on the bulk properties and surface morphology in hydrogenated amorphous silicon carbide films 94424
Ishizuka, Y., Yamaguchi, T., Iida, Y., Nozaki, H., Furukawa, A., Tango, H., Yoshida, O. Improvement of surface morphology and bulk structure of a-SiC:H films 92889
Ishizuka, Y. *see* Glover, B.M. 92545
Ishizuka, Y. *see* Ichinose, H. 95988
Ishizuka, Y. *see* Yamaguchi, T. 92888
Ishkhanov, B. *see* Alimov, A. 89772
Ishkhanov, B.S. *see* Grishin, V.K. 79876
Ishkhanov, B.S. *see* Grishin, V.K. 79907
Ishmukhametov, A.I. *see* Siniakova, O.G. 101086
Isida, Y. *see* Kojima, N. 88550
Isidorsson, J. *see* Stromme, M. 84045
Ising, A. *see* David, G. 62360
Ising, T.M. *see* McWhirter, J.H. 121554
Iskander, D.R., Zoubir, A.M. On coherent modelling of non-Gaussian radar clutter 119278
Iskander, M.F., Catten, J.C., Jones, A., Jameson, R., Balcells, A. Interactive multimedia lessons for education 92096
Iskander, M.F. *see* Bringhurst, S. 79650
Iskarous, M. *see* Kawamura, K. 80499
Iske, A., Sonar, T. On the structure of function spaces in optimal recovery of point functionals for ENO-schemes by radial basis functions 103721
Iskevitch, E. *see* Genut, M. 105809
Iskhakov, A.S. *see* Balakshina, L.V. 102840
Islam, A.K.M.Sadrul *see* Sadrul Islam, A.K.M.
Islam, M.N. Advanced logic gates for ultrafast network interchanges 117935
Islam, M.N. *see* Ahn, K.H. 95903
Islam, M.N. *see* Cao, X.D. 95906
Islam, M.N. *see* Kao, Y.-H. 107321
Islam, M.N. *see* Min Jiang 75855
Islam, M.Quamrul *see* Quamrul Islam, M.
Islam, M.R., Dupuis, R.D., Curtis, A.P., Stillman, G.E. Effects of thermally grown native oxides on the luminescence properties of compound semiconductors 94472
Islam, M.R., Holmes, A.L., Dupuis, R.D., Gardner, N.F., Stillman, G.E. Improvement of luminescence properties of InGaP/InAlP QW heterostructures with oxidized InAlP cladding layers grown by MOCVD 62906
Islam, M.R. *see* Anselm, K.A. 64936
Islam, M.R. *see* Murtaza, S.S. 79432
Islam, M.S., McNally, P.J., Cameron, D.C., Herbert, P.A.F. Characterization of Pd/Sn ohmic contacts on n-GaAs using electrical measurements, EDAX and SIMS 63096
Islam, M.S., Samra, A.H., Andrian, J. Wavelet transform analysis of arrester voltage in surge motor protection 111938
Islam, M.U., Bilal, M.S., Abbas, T., Rana, M.U., Raza, S.M. Empirical estimates of physical parameters from electrical resistivity measurements on ferrites 83864
Islam, N., Dave, A., Campbell, R.H. Communication compilation for unreliable networks 77767
Islam, Q. *see* Arnfield, M.R. 80528
Islam, S.M., Mostafa, M.G. Novel microprocessor based negative phase sequence relay and meter 121431
Islam, S.M. *see* Al-Alawi, S.M. 80972
Islam, S.M. *see* Al-Alawi, S.M. 121073
Islam, T., Meade, N. Forecasting the development of the market for business telephones in the UK 87616
Islamov, R.Sh. Analytic investigation of the glow discharge anode region in elevated-pressure electronegative gases 73920
IslamRaja, M. *see* Paranjpe, A. 63466
Isler, J.R. *see* Khattatov, B.V. 120783
Ismaeel, A.A., Bhatnagar, R. Modeling and testing for stuck faults in pseudo nMOS combinational circuits 61738
Ismaeel, A.A., Mathew, R., John, T. Structurally self-testable data path synthesis of application specific integrated circuits 106166
Ismaelli, A. *see* Gai, M. 111225
Ismail, A.F. 2-D and 3-D cellular models using erosion and dilation: model development 117814
Ismail, A.S. *see* Abdullah, A.H. 118442
Ismail, F., Wahsh, S., Mohamed, A.Z. Fuzzy control based speed regulation of variable reluctance motor 102653
Ismail, G.A.F. One derivative P-C formulae with minimum error bounds 72692
Ismail, I. *see* Bakar, J.H.M.A. 78008
Ismail, I. *see* Nor, S.M. 78007
Ismail, K. *see* Arafa, M. 63780
Ismail, K. *see* Arafa, M. 106069
Ismail, K. *see* Sadek, A. 94953
Ismail, K.E. *see* Dunford, R.B. 105287
Ismail, K.S., Marzouk, R.A. Iterative hybrid finite element-boundary element method for the analysis of induction heating system with nonlinear charge 91955
Ismail, M. *see* Changku Hwang 61707
Ismail, M. *see* Changku Hwang 93149
Ismail, M. *see* Changku Hwang 104385
Ismail, M. *see* Chung-Chih Hung 93633
Ismail, M. *see* Hing-Yan To 73134
Ismail, M. *see* Hing-Yan To 84317
Ismail, M. *see* Khachab, N.I. 83203
Ismail, M. *see* Lande, T.S. 62074
Ismail, M. *see* Larsen, F. 63846
Ismail, M. *see* Larsen, F. 104747
Ismail, M. *see* Larsen, F. 115372
Ismail, M. *see* Michael, C. 63953
Ismail, M. *see* Motamed, A. 73588
Ismail, M. *see* Motamed, A. 113788
Ismail, M. *see* Shan-Shan Lee 104462
Ismail, M. *see* Shu-Chuan Huang 104726
Ismail, M.A. *see* Senbel, S.A. 66877
Ismail, M.E.H., Rahman, M., Ruiming Zhang Diagonalization of certain integral operators. II 72705
Ismail, M.E.H. *see* Gupta, D.P. 72400
Ismail, M.S., Rahman, T.A. Forward-link frequency reuse efficiency of power controlled CDMA cellular system 98414
Ismail, N.H. *see* El-Khamy, S.E. 65797
Ismail, T.B., Daveau, J.-M., O'Brien, K., Jerraya, A.A. A system-level communication synthesis approach for hardware/software systems 77761

Ismailos, E., Mastorakou, I., Kelekis, N., Papadopoulos, K.P., Efstathopoulos, E.P., Panayiotakis, G., Kelekis, D.A. Clinical evaluation of manual and automatic exposure control techniques in film-based chest radiography 90454
Ismailov, Kh.K. *see* Zaveryukhin, B.N. 114808
Isnard, L. *see* Cleton, F. 62807
Isnard, O., Guillot, M., Miraglia, S., Fruchart, D. High field magnetization isotherms of the $Pr_2Fe_{17}D_5$ system 64221
Isnard, O., Guillot, M., Miraglia, S., Fruchart, D. High field magnetization measurements of $SmFe_{11}Ti$ and $SmFe_{11}TiH_{1-\delta}$ 64325
Isnard, O. *see* Grandjean, F. 64213
Isner-Brom, P., Brissaud, M., Heintz, R., Eyraud, L., Bauer, F. Intrinsic piezoelectric characterization of PVDF copolymers: determination of elastic constants 106345
Iso, N., Hirata, T. Improved subdivision for placement 115308
Isoaho, J. *see* Oberg, J. 93601
Isoardi, P. *see* Benotto, F. 69866
Isobe, A., Hikita, M., Asai, K. Propagation properties of Love wave-type surface-acoustic wave on α-quartz 84696
Isobe, C. *see* Watanabe, K. 115431
Isobe, H., Moriguchi, T., Kyusojin, A. Development of piezoelectric XYΓ positioning device using impulsive force 84724
Isobe, I. *see* Asai, K. 104668
Isobe, M. *see* Masumi, T. 64543
Isobe, N. *see* Takahashi, K. 89428
Isobe, R. *see* Long Tran 83463
Isobe, R. *see* Tran, L. 83442
Isobe, R. *see* Tran, L. 83453
Isobe, R. *see* Tran, L. 83481
Isobe, R. *see* Yi-Chi Shih 83519
Isobe, S., Kawamata, F., Hamamoto, N., Naito, H., Takeuchi, M., Isogai, M., Ohmori, S. Experimental advanced mobile satellite communications system in the MM wave and Ka-band using communications and broadcasting engineering test satellite 68343
Isobe, S. *see* Nishikiori, S. 120640
Isobe, S. *see* Noda, T. 113527
Isobe, S. *see* Sasase, M. 113457
Isobe, T., Ohya, A., Kai, K., Usui, K., Ueno, M., Yanagimachi, A., Nishizawa, T. Interactivity in broadcasting and its application to ISDB services 109225
Isobe, T. *see* Kai, K. 109226
Isobe, T. *see* Kuroda, T. 109852
Isoda, H. *see* Masui, T. 90292
Isoda, M., Kawaguchi, H., Honma, T. Consideration on the Dirichlet gauge BEM from topological point of view 107729
Isoda, S., Kawakubo, H., Nishikawa, S., Wada, O. Preparation of C_{60} single crystalline thin film by ionized cluster beam deposition and ion implantation into single crystalline C_{60} thin film 92856
Isoda, Y. *see* Fujita, K. 61956
Isogai, H. *see* Yamamoto, H. 84868
Isogai, M. *see* Isobe, S. 68343
Isoi, T., Furukawa, H. Valve-regulated lead/acid batteries for SLI use in Japan 112268
Isojima, S. *see* Masuda, T. 89630
Isomae, S. *see* Kouketsu, M. 94770
Isomatsu, N. *see* Maeda, T. 102797
Isomura, H. *see* Watanabe, T. 83186
Isomura, M., Tanaka, M., Tsuda, S. Two kinds of dopant activation in boron-doped hydrogenated amorphous silicon-carbon 105192
Isomura, M., Tanaka, M., Tsuda, S. Considering the dependence of the light-induced effect on carbon content in boron-doped amorphous silicon-carbon 116204
Isomura, M. *see* Kinoshita, T. 102978
Isomura, M. *see* Terakawa, A. 102992
Isomura, S., Katoh, M. Visual programming expedites process control [of power stations] 121268
Isomura, S. *see* Chichibu, S. 113297
Isomura, S. *see* Higeta, K. 61887
Isomura, S. *see* Higeta, K. 113943
Isomura, S. *see* Shirakata, S. 61259
Isomura, S. *see* Shirakata, S. 72933
Isomura, S. *see* Sugimoto, K. 115174
Ison, K., Edmonds, M.E., Lord, M. Time-dependent behaviour of a force-sensitive resistor plantar pressure measurement insole 80176
Isono, H., Komiyama, S., Tamegaya, H. Highly realistic autostereoscopic 3D HDTV display system 79162
Isono, H. *see* Kotoki, T. 72903
Isono, T. *see* Kato, T. 91189
Isono, T. *see* Matsui, K. 102175
Isono, T. *see* Ogata, H. 95521
Isono, T. *see* Shimamoto, S. 95590
Isono, T. *see* Sugimoto, M. 95523
Isoshima, T., Wada, T., Ya-Dong Zhang, Aoyama, T., Bredas, J.-L., Sasabe, H. Two-dimensional charge-transfer molecular design: control of anisotropy in linear and nonlinear optical properties for photonic device applications 85586
Isoshima, T. *see* Kajikawa, K. 85593
Isoshima, T. *see* Sokoloff, J.P. 76159
Isota, Y. *see* Miyazaki, M. 86016
Isotani, S. *see* Matsuoka, M. 92816
Isoya, A. *see* Ishii, Y. 100792
Isoyama, G. *see* Nakamura, E. 89632
Isoyama, G. *see* Okuda, S. 96537
Isoyama, Y. *see* Kashihara, T. 103148
Isoyama, Y. *see* Matsuzaki, S.-I. 103149
Isozaki, M. *see* Tanabe, K. 91196
Ispas, S. *see* Ciulli, S. 110844
Ispasoiu, R.G. *see* Smeu, E. 79747
Ispasoiu, R.G. *see* Syrbu, A. 65207
Ispasoiu, R.G. *see* Syrbu, A.V. 76041
Ispir, R., Nogi, S., Sanagi, M., Fukui, K. Transmission line coupled active microstrip antennas for phased arrays 86011
Israel, J.-P. *see* Petit, F. 97714
Israel, S. *see* Saravanan, R. 62707
Israel, S.L. *see* Kauffman, J.V. 81232
Israel, W.F. Application of padmounted fault interrupters to single-phase URD systems 70890
Israeli, M. *see* Vozovoi, L. 61046
Issa, H., Moghaddasi, J., Saleh, M. Semiconductor optical amplifier for use as an external modulator at the transmitter end of a multi-Gb/s OTDM system 119249
Issa, M. A tutorial and an experimental demonstration of how ESD is generated and its impact on electronic devices 65666
Issarny, V. *see* Billot, M. 98871
Isser, A. *see* Gaynor, W. 70618
Isshiki, H. *see* Lee, J.-S. 61180
Isshiki, H. *see* Yamamoto, Y. 70119
Isshiki, M. *see* Mochizuki, K. 61170
Isshiki, M. *see* Yang, B. 74186
Issiki, F., Fukatsu, S., Ohta, T., Shiraki, Y. Efficient green luminescence from a type-II neighboring confinement structure realized in an AlP/GaP system 62957
Issinsky, I.B., Mikhailov, V.A., Shchepunov, V.A. Magnetic field correction in Nuclotron 89827
Issinsky, I.B. *see* Baldin, A.M. 90061
Issinsky, I.B. *see* Chernikov, V.I. 100720
Isu, T. *see* Endoh, Y. 62757
Isu, T. *see* Gotoda, M. 103934
Isu, T. *see* Imaizumi, M. 74200
Isu, T. *see* Imaizumi, M. 75964
Isworo, L., Sutanto, D. Some generalizations for z-transform methods in power systems: s-z mapping functions, generator model and discretization 101725
Itabashi, M. *see* Nakano, T. 73274
Itabashi, Y. *see* Kuroda, T. 73204
Itabe, T. *see* Ishii, S. 120756
Itagaki, K. *see* Sugawara, A. 112151
Itagaki, M. *see* Tomura, Y. 104979
Itagaki, T. *see* Ishimura, E. 78743
Itagaki, T. *see* Sugino, T. 83900
Itahashi, T., Kondo, M., Yamagata, T. Technique for fluence attenuation by acceleration of decay particles 100791
Itahashi, T. *see* Sato, K. 100751
Itai, Y. *see* Takeda, T. 69943
Itakura, A. *see* Tosa, M. 94156
Itakura, F. *see* Yehia, H. 76866
Itakura, K. *see* Sugawara, M. 119738
Itakura, T., Iida, T. A feedforward technique with frequency-dependent current mirrors for a low-voltage wideband amplifier 73108
Itakura, T., Kojima, M., Aoki, M. Advantages of epitaxial wafers for suppressing latchup and threshold voltage variation in CMOSFETs 95195
Itakura, T. *see* Takahashi, C. 78489
Itakura, T. *see* Tanimoto, H. 73547
Itami, S., Araki, T. An intense, broadband emission spectrum, thyratron-gated nanosecond light source using a commercially available Xe short-arc lamp 122075
Itami, T. *see* Masaki, T. 79647
Itani, N.R., Sculley, T.L. An oversampling transconductance amplifier using sampled-data feedback 104384
Itani, T. *see* Saeki, T. 73369
Itani, T. *see* Yoshino, H. 105775
Itano, A. *see* Noda, K. 89755
Itano, W.M. *see* Monroe, C. 95896
Itao, K. A micro-energy flow of a microcantilever 84618
Itatani, J., Kanai, T., Jia-Qi Liang, Ozaki, T., Kuroda, H. Nd:glass and Ti:sapphire hybrid short pulse laser system 116427
Itatani, J. *see* Orimo, S. 116302
Itatani, T. *see* Zhenlin Liu 116446
Itaya, A.Y. *see* Okamoto, H. 96432
Itaya, K., Mondry, M.J., Floyd, P.D., Coldren, L.A., Merz, J.L. Impurity-induced disordering of AlGaInAs quantum wells by low temperature Zn diffusion 65220
Itaya, N. *see* Higashi, S. 80878
Itaya, S. *see* Uno, Y. 82242
Itaya, Y. *see* Itoh, M. 85529
Itaya, Y. *see* Kondo, Y. 107264
Itaya, Y. *see* Mawatari, H. 116551
Itaya, Y. *see* Okamoto, H. 75919
Itaya, Y. *see* Sakai, Y. 75976
Itaya, Y. *see* Tanaka, T. 76020
Itaya, Y. *see* Yamamoto, M. 107262
Itazaki, N., Idomoto, Y., Kinoshita, K. A fault simulation method for crosstalk faults in synchronous sequential circuits 93236
Ith, M. *see* Pratisto, H. 101412
Itkis, M.G. *see* Schmidt, K.H. 69627
Ito, A., Terashita, N., Naganuma, K. A personal training simulator for thermal power plants 102427
Ito, A. *see* Tomita, H. 61184
Ito, C. *see* Dettmer, R. 93804
Ito, C. *see* Jenkins, T. 74704
Ito, D., Urabe, M., Yasunaga, T., Jindo, N. Applicability of high T_c superconducting bulk to superconducting fault current limiting device 95397
Ito, D. *see* Morita, K. 95400
Ito, E., Ohashi, M., Tamagaki, T., Kitamura, K. A telecommunication network system which changes severely physically handicapped people's life style and awareness 101440
Ito, F. *see* Miyao, H. 78803
Ito, F. *see* Miyao, H. 98974
Ito, H. Deep-UV resists: evolution and status 84273
Ito, H. Hydrogen diffusion in C-doped InGaAs 114597
Ito, H., Kurishima, K. Influence of gallium sources on carbon incorporation efficiency into InGaAs grown by metalorganic chemical vapor deposition 113448
Ito, H., Minami, F., Yoshida, K., Inoue, K. Resonant second harmonic generation in semiconductor quantum wells 76125
Ito, H., Ohe, Y., Watanabe, N. Novel photopolymer system for holograms 96811
Ito, H., Song, K., Naoe, M. Occurrence of large perpendicular magnetic anisotropy in bilayered films with nanometer-thick TbFeCo and Al layers 75131
Ito, H., Song, K., Naoe, M. Investigation of magnetization reversal mechanism in nanometer-thick Tb-Fe-Co films with Al overlayer 115570
Ito, H., Takyu, C., Ohashi, M., Sato, M. 500 μm-thick periodic volume domain grating of $LiTaO_3$ fabricated by static electric field 75658
Ito, H., Yamahata, S., Kurishima, K. Evaluation of base transit time in ultra-thin carbon-doped base InP/InGaAs heterojunction bipolar transistors 84351
Ito, H., Yamahata, S., Shigekawa, N., Kurishima, K. High f_{max} carbon-doped base InP/InGaAs heterojunction bipolar transistors grown by MOCVD 84352
Ito, H., Yamahata, S., Shigekawa, N., Kurishima, K., Matsuoka, Y. Growth and characterization of high-speed carbon-doped-base InP/InGaAs heterojunction bipolar transistors by metalorganic chemical vapor deposition 84353
Ito, H. *see* Abedin, K.S. 65141
Ito, H. *see* Barclay, G.G. 105778
Ito, H. *see* Conley, W. 105758
Ito, H. *see* Ida, M. 63630
Ito, H. *see* Kakkad, R. 105984
Ito, H. *see* Kamimura, K. 72876
Ito, H. *see* Kasezawa, T. 67364
Ito, H. *see* Kawase, K. 65423
Ito, H. *see* Kurishima, K. 61193
Ito, H. *see* Logvenov, G.Yu. 106662
Ito, H. *see* Maeda, S. 80425
Ito, H. *see* Matsuzaki, T. 109014
Ito, H. *see* Ota, H. 101937
Ito, H. *see* Sasaki, M. 115197
Ito, H. *see* Sato, M. 85710
Ito, H. *see* Shigekawa, N. 106076
Ito, H. *see* Suzuki, T. 63709
Ito, H. *see* Tanaka, N. 68842
Ito, H. *see* Tomiyama, S. 94995
Ito, H. *see* Umeda, Y. 83251
Ito, H. *see* Wallraff, G.M. 105768
Ito, I. *see* Oshita, E. 96437
Ito, K., Kanazawa, K., Suzuki, Y. A contour-based approach for determining the motion of 3-D objects from a sequence of images 108721
Ito, K., Kawamoto, K., Momiji, H. Noise properties of quasi-phase-matched second-harmonic radiation pumped by a laser diode with a grating feedback 76266
Ito, K., Takada, J., Okano, Y., Maeda, M. Characteristics of slot coupling in dielectric loaded radial line slot antenna 66076
Ito, K. *see* Aritaka, N. 98856
Ito, K. *see* Fukuda, I. 81708
Ito, K. *see* Izumi, S. 72781
Ito, K. *see* Konishi, H. 69911
Ito, K. *see* Matsukura, Y. 111656
Ito, K. *see* Nakayama, N. 61307
Ito, K. *see* Ogawa, Y. 63274
Ito, K. *see* Zhang, Y. 92830
Ito, M. An automated thresholding approach for segmenting deteriorated SEM images in X-ray mask visual inspection 77514
Ito, M., Fukui, S., Tsukamoto, O., Amemiya, N. Dependence of magnetic instability of AC superconducting wire on phases of external AC magnetic field 95418
Ito, M., Kawabata, K., Tajima, F. Coupled magnetic field analysis with circuit and kinematics modelings of brushless motors 102643
Ito, M., Takeda, K., Otani, J., Katori, H., Ikeda, K. Industrial computer systems for electric power transmission and distribution facilities 111476
Ito, M., Yamamoto, E., Hashimoto, S., Komazaki, I., Miyajima, H., Shinohara, S., Yanagisawa, K. Compound-cavity tactile sensor using surface-emitting laser [for endoscope/catheter tips] 69115
Ito, M. *see* Hara, S. 89497
Ito, M. *see* Hara, S. 119880
Ito, M. *see* Kan, K. 71395
Ito, M. *see* Kobayashi, T. 102725
Ito, M. *see* Miyajima, H. 79359

Ito, M. *see* Shibata, H. 69089
Ito, M. *see* Takemura, A. 120397
Ito, M. *see* Neufield, G. *(editor)* 112727
Ito, M.R. *see* Meisl, P.G. 76946
Ito, M.R. *see* Meisl, P.G. 99665
Ito, N., Kamekura, R., Shimazu, Y., Yokoyama, T., Matsushita, Y. The combination of edge detection and region extraction in nonparametric color image segmentation 97880
Ito, N., Mizumoto, M., Hasegawa, K., Oguri, H., Kusano, J., Okumura, Y., Kawai, M., Ino, H., Murata, H., Touchi, Y. The R&D works on the high intensity proton accelerator for nuclear waste transmutation 79919
Ito, N., Sakamoto, M., Takei, K. Nuclear power environmental information network system in Fukui prefecture 111732
Ito, N., Yamada, Y., Kikuta, K., Kikkawa, T., Tai-Chan Huo, D. Influence of contact hole profile and underlayer materials on aluminum reflow filling properties 84237
Ito, N. *see* Kato, A. 89249
Ito, N. *see* Kato, A. 100211
Ito, N. *see* Umeda, Y. 93292
Ito, R., Shida, T., Kindo, T. Competitive models for unsupervised clustering 108132
Ito, R. *see* Kondo, T. 85599
Ito, R. *see* Usami, N. 74357
Ito, S. Decentralized location registration information storage method for multimedia services in mobile communication networks 68213
Ito, S. Continuous operation up to 3 kHz in a discharge-pumped XeCl excimer laser 96095
Ito, S., Kawase, Y., Mori, H. 3-D finite element analysis of repulsion forces on contact systems in low voltage circuit breakers 71581
Ito, S., Kawase, Y., Mori, H. 3-D finite element analysis of magnetic blowout forces acting on the arc in molded case circuit breakers 102900
Ito, S., Nakamura, T., Nishikawa, S. Kinetics of epitaxial Si$_{1-x}$Ge$_x$ growth using SiH$_2$Cl$_2$-GeH$_4$-H$_2$ mixture in reduced-pressure chemical vapor deposition 92738
Ito, S., Ohkubo, S., Sakai, T., Yamao, Y. Time diversity improvements in FLEX-TD new generation paging system 118892
Ito, S., Terashima, M., Aoi, H., Yamamoto, K. Design features and operation data of the high efficiency refuse power generation system 111772
Ito, S., Tokumaru, S. Source and radiation field solution for dielectric scatterers–E wave 116870
Ito, S. *see* Aihara, Y. 81766
Ito, S. *see* Ando, M. 68103
Ito, S. *see* Fukuda, T. 77302
Ito, S. *see* Kamimura, K. 72876
Ito, S. *see* Kawase, Y. 71582
Ito, S. *see* Kawase, Y. 93978
Ito, S. *see* Kondo, Y. 76123
Ito, S. *see* Kondo, Y. 76235
Ito, S. *see* Mizuno, Y. 111658
Ito, S. *see* Sekita, H. 65018
Ito, S. *see* Shimizu, K. 98821
Ito, S. *see* Toyoda, H. 115004
Ito, S. *see* Xinhua Ye 64465
Ito, S. *see* Yamano, N. 121792
Ito, S. *see* Yamanoi, Y. 90050
Ito, T. A theoretical investigation of the epitaxial relationship of Al/AlAs(001) 82704
Ito, T. Universal Traffic Management System (UTMS) in Japan 99497
Ito, T. A theoretical investigation of the epitaxial relationship of NiAl/AlAs 105447
Ito, T., Asano, H., Ido, H., Yamada, M. Magnetocrystalline anisotropy and spin reorientation in Gd$_{1-x}$Dy$_x$Co$_4$B 64313
Ito, T., Jidai, E. Mitsubishi Electric's commitment to global environmental problems 72361
Ito, T., Konomi, I., Azuma, H., Noda, S. Lattice location of ^{15}N atoms in SiC analyzed by nuclear resonant reaction 105584
Ito, T., Yamada, K., Hiroshima, Y. Rear-end collision avoidance system 87195
Ito, T., Yamaki, S., Okamura, M., Sasa, K., Schubert, H., Hattori, T. Development of heavy ion IHQ linac for material irradiation 100752
Ito, T. *see* Aoyama, T. 94771
Ito, T. *see* Aoyama, T. 114931
Ito, T. *see* Ehara, Y. 75043
Ito, T. *see* Ehara, Y. 95289
Ito, T. *see* Fujii, M. 98244
Ito, T. *see* Fujimura, N. 95310
Ito, T. *see* Hayashi, Y. 88463
Ito, T. *see* Higa, A. 61262
Ito, T. *see* Hotate, K. 69205
Ito, T. *see* Jiang, N. 94233
Ito, T. *see* Kawamura, H. 81169
Ito, T. *see* Kawamura, Y. 107502
Ito, T. *see* Koizumi, N. 95512
Ito, T. *see* Nonami, K. 102624
Ito, T. *see* Ogata, H. 95521
Ito, T. *see* Onodera, M. 89446
Ito, T. *see* Sasa, K. 100757
Ito, T. *see* Shiraishi, K. 92693
Ito, T. *see* Soramoto, S. 88967
Ito, T. *see* Sugino, R. 114826
Ito, T. *see* Sugiyama, A. 114042
Ito, T. *see* Takeda, T. 69943
Ito, T. *see* Urano, K. 64045
Ito, T. *see* Won, J.H. 61374
Ito, T.M. *see* Kuwata, M. 90205
Ito, T.M. *see* Kuwata, M. 100925
Ito, W. *see* Nagaya, S. 86872
Ito, Y. *see* Asakawa, K. 88069
Ito, Y. *see* Futakata, T. 78840
Ito, Y. *see* Ikeda, M. 73416
Ito, Y. *see* Ikeda, S. 112316
Ito, Y. *see* Ishikura, M. 108853
Ito, Y. *see* Kanno, T. 69273
Ito, Y. *see* Kawahara, I. 100231
Ito, Y. *see* Nitta, T. 90927
Ito, Y. *see* Ogasawara, M. 61879
Ito, Y. *see* Okazaki, Y. 120522
Ito, Y. *see* Ootani, W. 63541
Ito, Y. *see* Ozaki, T. 64055
Ito, Y. *see* Shinonaga, H. 68327
Ito, Y. *see* Sumiyoshi, H. 109881
Ito, Y. *see* Tashiro, Y. 78270
Ito, Y. *see* Yoshida, Y. 92698
Ito-Landers, K.M. *see* Cotta, M.A. 103899
Itoafa, M., Marciu, L., Teaca, R. Integrated system of application development/operation for simulating/supervising technological processes 101795
Itoga, T. *see* Yano, F. 105625
Itoh, A., Kimoto, T., Matsunami, H. Low power-loss 4H-SiC Schottky rectifiers with high blocking voltage 105884
Itoh, A., Takemura, O., Kimoto, T., Matsunami, H. Barrier height analysis of metal/4H-SiC Schottky contacts 105481
Itoh, A. *see* Inoue, N. 105590
Itoh, A. *see* Kimoto, T. 74522
Itoh, A. *see* Kimoto, T. 104045
Itoh, A. *see* Kimoto, T. 104049
Itoh, A. *see* Miyaho, N. 78313
Itoh, G., Kanno, M., Niwa, N. Mechanical properties of a Ti-15V-3Cr-3Sn-3Al alloy affected by the impurity hydrogen 113521
Itoh, G., Okumura, H., Suzuki, K., Suzuki, K. Advanced multi-field-driving method for low power TFT-LCDs 89251
Itoh, G. *see* Okumura, H. 119819
Itoh, H., Brandl, D., Mukai, S., Watanabe, M., Stork, W. Monolithic integrable velocity-sensing head for laser Doppler velocimetry using a fringe-shifting laser diode 89572
Itoh, H., Yamada, T., Brandl, D., Mukai, S., Watanabe, M. Optoelectronic analog fuzzy control of an inverted pendulum using laser diode arrays 85223
Itoh, H., Yamamoto, T., Mori, M., Abe, T. Sintering behavior and performance of anode materials for SOFC 81815
Itoh, H. *see* Aska Juste, K. 64058
Itoh, H. *see* Brandl, D. 89573
Itoh, H. *see* Fukuyama, T. 83684
Itoh, H. *see* Kobayashi, H. 80247
Itoh, H. *see* Law, T. 97917
Itoh, H. *see* Maruyama, K. 100989
Itoh, H. *see* Mori, M. 81839
Itoh, H. *see* Mukai, J. 85116
Itoh, H. *see* Nakamitsu, T. 70085
Itoh, H. *see* Nashiyama, I. 111032
Itoh, H. *see* Noda, K. 89755
Itoh, H. *see* Ohshima, T. 106043
Itoh, H. *see* Takeo, T. 88843
Itoh, H. *see* Yamamoto, T. 81774
Itoh, H. *see* Yokoo, A. 85636
Itoh, H. *see* Yoshikawa, M. 84008
Itoh, H. *see* Yoshikawa, M. 105515
Itoh, I. *see* Konishi, K. 65966
Itoh, I. *see* Sasaki, T. 75333
Itoh, I. *see* Yamada, S. 102176
Itoh, I. *see* Yasukawa, Y. 95549
Itoh, J., Hirano, T., Kanemaru, S. Ultrastable emission from a metal-oxide-semiconductor field-effect transistor-structured Si emitter tip 105014
Itoh, J., Nakatsuka, T., Nishitsuji, M., Uda, T., Ishikawa, O. A 1.0 V GaAs receiver front-end IC for mobile communication equipment 88198
Itoh, J., Nazuka, Y., Inoue, T., Yokoyama, H., Kanemaru, S. Microscopic characterization of field emitter array structure and work function by scanning Maxwell-stress microscopy 73997
Itoh, J., Nazuka, Y., Kanemaru, S., Inoue, T., Yokoyama, H., Shimizu, K. Microscopic characterization of field emitter array structure and work function by scanning Maxwell-stress microscopy 83748
Itoh, J. *see* Gamo, H. 62576
Itoh, J. *see* Hirano, T. 83754
Itoh, J. *see* Kanemaru, S. 73991
Itoh, J. *see* Kanemaru, S. 83725
Itoh, J. *see* Kanemaru, S. 83726
Itoh, J. *see* Py, C. 74011
Itoh, J. *see* Takahashi, I. 121684
Itoh, J. *see* Toma, Y. 73981
Itoh, J. *see* Toma, Y. 83728
Itoh, J. *see* Yoshio, M. 81705
Itoh, K., Kaneda, Y., Kitamura, S., Kimura, K., Nishimura, A., Tanaka, T., Tokura, H., Okada, I. Noise rejection techniques for on-line PD monitor of turbine generators 71245
Itoh, K., Kaneda, Y., Kitamura, S., Kimura, K., Nishimura, A., Tanaka, T., Tokura, H., Okada, I. New noise rejection techniques on pulse-by-pulse basis for on-line partial discharge measurement of turbine generators 111894
Itoh, K., Niikura, H., Murabayashi, M., Odawara, O. Analyses of ion-exchanged glass optical waveguides by means of secondary ion mass spectroscopy: condensation of impurity halide ions at the surface 95737
Itoh, K., Ogawa, Y., Purwanto, Y. A continuous G/T measurement technique for satellite broadcasting receivers 78587
Itoh, K., Shlmozawa, M., Kawakami, K., Iida, A., Ishida, O. Even harmonic quadrature modulator with low vector modulation error and low distortion for microwave digital radio 83538
Itoh, K., Tajima, K., Nishimura, S., Iida, A. A dual tuned type low spurious PLL synthesizer driven by DDS with frequency converter 93164
Itoh, K. *see* De-Kui Qing 75550
Itoh, K. *see* De-Kui Qing 99948
Itoh, K. *see* Fontamoto, M. 115765
Itoh, K. *see* Hanai, S. 96975
Itoh, K. *see* Hasegawa, Y. 71375
Itoh, K. *see* Hirokawa, K. 87243
Itoh, K. *see* Inoue, T. 86990
Itoh, K. *see* Ishiguro, H. 75416
Itoh, K. *see* Kanematsu, K. 64304
Itoh, K. *see* Muramoto, M. 76623
Itoh, K. *see* Nagai, H. 107205
Itoh, K. *see* Ogawa, Y. 68265
Itoh, K. *see* Sadoulet, B. 100818
Itoh, K. *see* Saitoh, H. 68174
Itoh, K. *see* Shimoi, N. 89049
Itoh, K. *see* Shimozawa, M. 88283
Itoh, K. *see* Suzuki, N. 66045
Itoh, K. *see* Suzuki, T. 64621
Itoh, K. *see* Takayama, T. 65272
Itoh, K. *see* Takayama, T. 116270
Itoh, K. *see* Tezuka, M. 96976
Itoh, K. *see* Yamamoto, M. 117004
Itoh, M. Information retrieval techniques on the Internet 67802
Itoh, M., Hokazono, A., Noda, H., Kawarada, H. Fabrication of logic circuits using diamond metal-semiconductor field-effect transistor 115371
Itoh, M., Inagaki, T. An experimental study on a decision support in less predictable situations 110031
Itoh, M., Kondo, Y., Kishi, K., Yamamoto, M., Itaya, Y. High-quality 1.3-μm GaInAsP-BH-lasers fabricated by MOVPE and dry-etching technique 85529
Itoh, M., Mori, K., Minemoto, T. Analysis for magnetic shielding effects of HTS cylinder using a ferromagnetic cylinder 95454
Itoh, M., Mori, K., Minemoto, T. Magnetic shielding effects by the superposition of a six-layered ferromagnetic cylinder over a BPSCCO cylinder 95616
Itoh, M., Sasaki, J., Uda, A., Yoneda, I., Honmou, H., Fukushima, K. Use of AuSn solder bumps in three-dimensional passive aligned packaging of LD/PD arrays on Si optical benches 112915
Itoh, M., Yoneda, I., Sasaki, J., Honmou, H., Fukushima, K., Nagahori, T. Self-aligned packaging of multichannel photodiode array module using AuSn solder bump flip-chip bonding 116242
Itoh, M., Yoshida, N., Tanaka, H., Tanaka, K. Transient photoconduction and photoinduced phenomenon in ion-conducting amorphous semiconductors 94416
Itoh, M. *see* Arima, H. 86993
Itoh, M. *see* Feng Lei 86994
Itoh, M. *see* Fujita, H. 80892
Itoh, M. *see* Harada, K. 85097
Itoh, M. *see* Hatakeyama, I. 78680
Itoh, M. *see* Hongxin Huang 75627
Itoh, M. *see* Hongxin Huang 85211
Itoh, M. *see* Jianping Ding 87242
Itoh, M. *see* Kawarada, H. 113294
Itoh, M. *see* Kondo, Y. 107264
Itoh, M. *see* Koshino, M. 67825
Itoh, M. *see* Nagahori, T. 119217
Itoh, M. *see* Ogawa, M. 106888
Itoh, M. *see* Satoh, T. 72520
Itoh, M. *see* Sugawara, Y. 80966
Itoh, M. *see* Sugiura, H. 72752
Itoh, M. *see* Yoshikawa, N. 85776
Itoh, N., Yanagisawa, K., Ichikawa, T., Tarusawa, K., Kataza, H. Kiso observatory near-infrared camera with a large format array 69276
Itoh, N. *see* Kunisa, A. 109936
Itoh, N. *see* Kunisa, A. 117237
Itoh, N. *see* Yamashita, A. 108569
Itoh, O. *see* Nugraha 82655
Itoh, O. *see* Nugraha 113278
Itoh, R., Ishizaka, K., Okada, H. Reactive power compensation of parallel-connected current-source converter for SMES 112427
Itoh, R., Oishi, H., Okada, H., Ishizaka, K., Komiya, H. Characteristics of single-phase switch-mode rectifier with multiple switching cells 61630
Itoh, R. *see* Lu, C. 69720
Itoh, R. *see* Oishi, H. 91627
Itoh, R. *see* Okada, H. 91770
Itoh, S., Niiyama, T., Taniguchi, M., Watanabe, T. A new structure of field emitter arrays 73999
Itoh, S., Niiyama, T., Taniguchi, M., Watanabe, T. A new structure of field emitter arrays 83741
Itoh, S. *see* Maruyama, T. 74157
Itoh, S. *see* Mitsumoto, H. 109903
Itoh, S. *see* Nakayama, N. 96031
Itoh, S. *see* Okuyama, H. 65243
Itoh, S. *see* Tsuchiya, H. 66953
Itoh, S. *see* Watanabe, M.O. 114680

Itoh, T. Simulating fair dice with biased coins 60811
Itoh, T., Lee, C., Suga, T. Deflection detection and feedback actuation using a self-excited piezoelectric $Pb(Zr,Ti)O_3$ microcantilever for dynamic scanning force microscopy 106278
Itoh, T., Morita, R., Yamashita, M. Extremely fast-response, highly nonlinear doped-silica single-mode fibers 106788
Itoh, T., Ohashi, T., Suga, T. Piezoelectric cantilever array for multiprobe scanning force microscopy 79360
Itoh, T., Sueda, H. RCS fluctuation reduction in high-resolution radar 99617
Itoh, T., Sueda, H., Watanabe, Y. Motion compensation for ISAR via centroid tracking 99608
Itoh, T. *see* Boric-Lubecke, O. 62244
Itoh, T. *see* Boric-Lubecke, O. 73739
Itoh, T. *see* Boric-Lubecke, O. 85996
Itoh, T. *see* Chengkuo Lee 89003
Itoh, T. *see* Chien-Nan Kuo 62278
Itoh, T. *see* Chien-Nan Kuo 83414
Itoh, T. *see* Chien-Nan Kuo 97237
Itoh, T. *see* Chung-Yi Lee 62158
Itoh, T. *see* Chung-Yi Lee 85971
Itoh, T. *see* Edamatsu, K. 74303
Itoh, T. *see* Gotzfried, R. 86015
Itoh, T. *see* Hano, M. 65787
Itoh, T. *see* Hasegawa, Y. 71375
Itoh, T. *see* Houshmand, B. 83357
Itoh, T. *see* Houshmand, B. 93763
Itoh, T. *see* Kaga, A. 91524
Itoh, T. *see* Kawasaki, S. 66116
Itoh, T. *see* Lee, C.-Y. 114187
Itoh, T. *see* Lin, L.Y. 110162
Itoh, T. *see* Liu, Y. 62149
Itoh, T. *see* MacDonald, P.A. 114194
Itoh, T. *see* MacDonald, P.A. 117062
Itoh, T. *see* Maeda, S. 78972
Itoh, T. *see* Mimura, Y. 74302
Itoh, T. *see* Minegishi, M. 66122
Itoh, T. *see* Mizunami, T. 64657
Itoh, T. *see* Nonomura, S. 94382
Itoh, T. *see* Pekarek, J. 83352
Itoh, T. *see* Perkons, A.R. 93711
Itoh, T. *see* Pobanz, C.W. 88103
Itoh, T. *see* Sakagami, I. 62159
Itoh, T. *see* Siou Teck Chew 114272
Itoh, T. *see* Yamakawa, K. 107187
Itoh, T. *see* Yano, S. 76107
Itoh, T. *see* Zhang, Q. 75148
Itoh, Y. Detail-preserving noise filtering using binary index 66989
Itoh, Y. High power amplifiers for mobile communication systems 83544
Itoh, Y., Kiyama, J., Kojima, H., Seki, S., Oka, R. Reference interval-free continuous dynamic programming for spotting speech waves by arbitrary parts of a reference sequence pattern 108223
Itoh, Y., Mizutani, U. Pulsed field magnetization of melt-processed Y-Ba-Cu-O superconducting bulk magnet 64570
Itoh, Y., Mochizuki, M., Nii, M., Kohno, Y., Takagi, T. An ultrabroadband monolithic lossy match power amplifier using prematching circuits 104876
Itoh, Y., Takahashi, M., Asada, K., Sumida, W. development of low-resistance IPD process for H-bridge circuit 74858
Itoh, Y., Yanagi, Y., Yoshikawa, M., Oka, T., Yamada, Y., Mizutani, V. Pulsed field magnetization of melt-processed Y-Ba-Cu-O bulk superconductor with no weak links 115883
Itoh, Y. *see* Funada, M. 93906
Itoh, Y. *see* Hayashi, M. 109882
Itoh, Y. *see* Himeno, T. 113955
Itoh, Y. *see* Hiraiwa, A. 104545
Itoh, Y. *see* Katoh, T. 93910
Itoh, Y. *see* Kiyama, J. 108222
Itoh, Y. *see* Kobayashi, M. 114113
Itoh, Y. *see* Nakanishi, I. 117462
Itoh, Y. *see* Ohiso, Y. 96279
Itoh, Y. *see* Sakaki, H. 89929
Itoh, Y. *see* Tsuchimoto, M. 64516
Itoh, Y. *see* Yamauchi, K. 88284
Itoh Nobuyuki *see* Nobuyuki Itoh
Itohi, K. *see* Tomizawa, T. 75827
Itoi, S. *see* Sekiguchi, T. 119495
Itou, K. *see* Kawata, K. 81137
Itou, M. *see* Matsumura, M. 91559
Itoua, S. *see* Rousset, V. 84251
Itozaki, H. *see* Hasegawa, K. 85904
Itozaki, H. *see* Tanaka, S. 84906
Itsumi, M., Omura, Y., Imai, K., Ueki, T., Akiya, H., Tomita, M., Yamawaki, M. Copper decoration followed by TEM observation identifying defects in the buried oxides of SOI substrates 94772
Ittel, T.H. *see* Steinhausen, C. 101201
Ittipiboon, A. *see* Petosa, A. 108075
Ittner, A. *see* Zeidler, J. 113090
Iturbe Castillo, M.D. *see* Garcia Quirino, G.S. 107583
Iturbe Castillo, M.D. *see* Mendez-Otero, M.M. 119921
Iturralde, A. A review of sensing technologies for semiconductor process applications 69054
Iturralde, A. *see* Nanez, R., Jr. 63880
Itzkan, I. *see* Zangaro, R.A. 110761
Itzler, M.A., Tinkham, M. Vortex pinning by disordered columnar defects in large Josephson junctions 75346
Iu Siu-Leong *see* Siu-Leong Iu
Iuan Liu Shen *see* Shen Iuan Liu
Iucci, G. *see* Bearzotti, A. 119642
Iuculano, G. *see* Mirri, D. 110055
Iuga, A. *see* Rafiroiu, D. 76354
Iula, A. *see* Lamberti, N. 106474
Iung, C. *see* Guesbaoui, H. 91555
Iurescu, M. *see* Maruyama, K. 100989
Iusem, A.N., Zenios, S.A. Interval underrelaxed Bregman's method with an application 72551
Iusem, A.N. *see* Yuan, J.Y. 72604
Ivanchenko, I.M. *see* Aleev, A.N. 120186
Ivanchenko, I.V., Popenko, N.A. The features of application of open resonator in original structures in millimeter wavelength range 93821
Ivanchenko, I.V. *see* Bodnaruk, O.A. 94445
Ivanchenko, I.V. *see* Vertiy, A.A. 62209
Ivanchenko, I.V. *see* Vertiy, A.A. 107902
Ivanchenkov, S.N. *see* Gubankov, V.V. 96563
Ivanchik, I. *see* Chesnokov, S. 69134
Ivanchik, I.I. *see* Belogorokhov, A.I. 62781
Ivancic, P.C., Siegler, S., McClure, P.W., Nobilini, R., Mazur, D., Peters, T., Torg, J.S. A technique for objective evaluation of the passive restraint characteristics of cervical orthoses 70246
Ivandich, S.A. *see* Hullett, J.L. 78011
Ivaneko, L. *see* Tomm, Y. 74314
Ivankov, A.F. *see* Ershov, S.G. 105690
Ivannikov, P.V. *see* Saparin, G.V. 86615
Ivannikov, V.I., Chernousov, Yu.D., Shebolaev, I.V. Transient processes in a pair of coupled cavities 75548
Ivannikov, V.P., Kalinkin, A.A., Sanikov, A.I. Optomechanical system for monitoring the quality of the deposition of a picture on a moving belt 119549
Ivanon, D.K., Posch, H.A., Stumpf, Ch. Statistical measures derived from the correlation integrals of physiological time series 90508
Ivanov, A. Design for testability and built-in self-test of integrated circuits and systems: how these can add value to your products 95107
Ivanov, A. *see* Maleck-Rassoul, R. 76213
Ivanov, A.A. Diagnostics of barium component of high-temperature superconductors in barium dipivaloylmethanate vapor plasma by optical emission spectroscopy 106641
Ivanov, A.A. *see* Biryukov, V.M. 100729
Ivanov, A.B. Thyristor switches for mine locomotives 103202
Ivanov, A.I. Fast synthesis of models for nonlinear dynamic systems with given error 97404
Ivanov, A.S. *see* Tolstun, N.G. 89741
Ivanov, A.V., Kazaryan, M.A. *(editors)* CIS selected papers. Laser use in oncology (SPIE Vol.2728) 112663
Ivanov, D. *see* Izquierdo, R. 92927
Ivanov, D. *see* Lecours, A. 100166
Ivanov, D.V., Yelon, A. Chemical sensitivity of the thickness-shear-mode quartz-resonator nanobalance 119659
Ivanov, E.A. *see* Goncharov, B.I. 81204
Ivanov, E.N., Tobar, M.E., Woode, R.A. Ultra-low-noise microwave oscillator with advanced phase noise suppression system 93839
Ivanov, E.N. *see* Cuthbertson, B.D. 89056
Ivanov, E.N. *see* Cuthbertson, B.D. 99928
Ivanov, E.N. *see* Notcutt, M. 79225
Ivanov, E.N. *see* Woode, R.A. 104822
Ivanov, G.V. *see* Johnson, R.O. 107459
Ivanov, I. *see* Vuong, S. 87741
Ivanov, I.G., Hallin, C., Henry, A., Kordina, O., Janzen, E. Nitrogen doping concentration as determined by photoluminescence in 4H- and 6H-SiC 114865
Ivanov, I.G. *see* Henry, A. 105225
Ivanov, I.G. *see* Kordina, O. 103913
Ivanov, I.G. *see* Tuominen, M. 103819
Ivanov, I.N. *see* Dolbilov, G.V. 96490
Ivanov, I.N. *see* Fateev, A.A. 89608
Ivanov, L. *see* Minkovski, N. 96617
Ivanov, M. *see* Nikolova, L. 96772
Ivanov, M.V. *see* Ivanov, V.V. 83267
Ivanov, N. *see* Khulugurov, V. 96729
Ivanov, N.G., Losev, V.F. Minimisation of the radiation divergence in an XeCl laser with a 12 cm×16 cm aperture 116350
Ivanov, O.P., Stepanov, V.E., Sudarkin, A.N., Volkovich, A.G., Urutskoev, L.I. An algorithm for material density reconstruction from X-ray images of field of Compton scattering obtained with HERV 92995
Ivanov, O.P. *see* Sudarkin, A.N. 100973
Ivanov, O.P. *see* Sudarkin, A.N. 101040
Ivanov, O.P. *see* Volkovich, G. 80159
Ivanov, P. *see* Kovalsky, S. 120000
Ivanov, P. *see* Zwart, T. 79825
Ivanov, P.A. Subthreshold current in silicon carbide buried-gate junction field-effect transistor 106092
Ivanov, P.A., Maltsev, A.A., Panteleev, V.N., Samsonova, T.P., Maksimov, A.Yu., Yushin, N.K., Chelnokov, V.E. 4H-SiC field-effect transistor hetero-epitaxially grown on 6H-SiC substrate by sublimation 104055
Ivanov, P.E. *see* Chervyakov, N.I. 66775
Ivanov, P.M. *see* Frachon, D. 101001
Ivanov, P.M. *see* Gluskin, E. 101000
Ivanov, S. Impedance matrix - an unified approach to longitudinal coupled-bunch feedbacks in a synchrotron 89845
Ivanov, S. *see* Hofbeck, K. 105330
Ivanov, S. *see* Khabiboulline, T. 100505
Ivanov, S. *see* Romanov, G. 89958
Ivanov, S. *see* Suchalkin, S. 69188
Ivanov, S.K. *see* Zuyev, Yu.A. 76678
Ivanov, S.N. *see* Kaznacheyev, K.V. 89631
Ivanov, S.N. *see* Shkuratov, S.I. 73956
Ivanov, S.N. *see* Shkuratov, S.I. 114547
Ivanov, S.V., Sorokin, S.V., Kop'ev, P.S., Kim, J.R., Jung, H.D., Park, H.S. Composition, stoichiometry and growth rate control in molecular beam epitaxy of ZnSe based ternary and quaternary alloys 74152
Ivanov, S.V. *see* Dolinina, V.I. 85365
Ivanov, S.V. *see* Ledentsov, N.N. 107223
Ivanov, S.V. *see* Toropov, A.A. 63007
Ivanov, S.V. *see* Toropov, A.A. 75930
Ivanov, S.V. *see* Zhmerik, V.N. 74537
Ivanov, T. The nonlinear response of a quantum dot in a time-dependent field 62902
Ivanov, T., Mortazawi, A. Quasi-optical microstrip amplifiers based on multilayer coupled structures 83522
Ivanov, T., Mortazawi, A. A double layer microstrip spatial amplifier with increased active device density 93918
Ivanov, T. *see* Balasubramaniyan, A. 62208
Ivanov, T. *see* Gueorguiev, V. 115226
Ivanov, T. *see* Rahman, M. 93868
Ivanov, T. *see* Rahman, M. 104856
Ivanov, U.V. An adaptive spatial Doppler filter for a coherent PAA pulse radar 119304
Ivanov, V.A. Some characteristics of trajectory-processing algorithms and software implementation 67375
Ivanov, V.A., Kiselyov, S.S., Mikaelian, A.L. Optoelectronic neural network-based contour line features filtration 98091
Ivanov, V.I. *see* Eshchin, E.K. 71309
Ivanov, V.I. *see* Niemela, A. 80074
Ivanov, V.I. *see* Niemela, A. 100861
Ivanov, V.I. *see* Niemelae, A. 110576
Ivanov, V.K. *see* Gaikovich, K.P. 107892
Ivanov, V.N. *see* Babichev, R.K. 106631
Ivanov, V.V., Ivanov, M.V. Operational amplifier for redundant analog systems 83267
Ivanov, V.V., Knyazev, A.K., Kutsenko, A.V., Matsveiko, A.A., Mikhailov, Yu.A., Osetrov, V.P., Popov, A.I., Sklizkov, G.V., Starodub, A.N. Multichannel system for measuring the energy of single laser pulses 119543
Ivanov, V.V., Sklizkov, G.V. Modulator for an optically triggered electrooptic shutter 85094
Ivanov, V.V. *see* Bussa, M.P. 69878
Ivanov, V.Yu., Semenov, Yu.G., Surma, M., Godlewski, M. Anti-Stokes luminescence in chromium-doped ZnSe 105170
Ivanov, Yu. *see* Suchalkin, S. 69188
Ivanov, Yu.D. *see* Murin, B.P. 89773
Ivanov, Yu.L. *see* Churakov, G.V. 63002
Ivanov, Z. *see* Nurgaliev, T. 106655
Ivanov, Z. *see* Tarasov, M. 82971
Ivanov, Z.G. *see* Boikov, Yu.A. 64505
Ivanov, Z.G. *see* Chen, Y.F. 84911
Ivanov-Omskii, V.I. *see* Gutsulyak, L.M. 114596
Ivanov-Omskii, V.V. *see* Galdikas, A. 79597
Ivanov-Smolenskii, A.V., Abramkin, Yu.V., Avanesov, M.A., Ouchi, J.M. Electromagnetic forces acting on the magnetic core elements and current-carrying conductors in the slot area of an electrical machine 71228
Ivanov-Smolenskii, A.V. *see* Abramkin, Yu.V. 65600
Ivanov-Smolenskii, A.V. *see* Abramkin, Yu.V. 116805
Ivanova, E.E. *see* Vazhinskii, V.N. 108467
Ivanova, E.N. *see* Bessergenev, V.G. 104131
Ivanova, N.L., Chaika, A.N., Onokhov, A.P., Gromadin, A.L. Spatial light modulators with amorphous hydrogenated silicon and p-i-n structures on its base 106881
Ivanova, P. Feature selection for neural network forecaster by genetic algorithms 101999
Ivanova, V.N. *see* Dutov, A.I. 85358
Ivanova, V.N. *see* Dutov, A.I. 85367
Ivanova, V.N. *see* Dutov, A.I. 107082
Ivanova, V.N. *see* Dutov, A.I. 116354
Ivanova-Anninskaya, E.L. *see* Shvets-Teneta-Gurii, T.B. 70135
Ivanovich, M., Zukerman, M., Fitzpatrick, P., Gitlits, M. Performance analysis of circuit allocation schemes for half and full rate connections in GSM 109489
Ivanovskaja, O. *see* Danilov, O.B. 116364
Ivanovskii, M. *see* Artemiev, V. 80101
Ivanshin, V.A., Schauwecker, R., Warden, M., Erhart, P., Keller, H., Guentherodt, H.J., Lang, H.P., Thommen-Geiser, V. Microwave studies of the superconducting state in Rb_3C_{60} 75319
Ivanyi, A. Shielding for phase conductors 65893
Ivanyos, G. *see* De Graaf, W. 103743
Ivanyukovich, A. *see* Demidenko, S. 61770
Ivanyushenkov, I. *see* Alvsvaag, S.J. 90124
Ivas, D. *see* Munteanu, Fl. 111690
Ivashchenco, A. *see* Dorogan, V. 69133
Ivashchenko, M.M. *see* Ol'khovskii, G.G. 102466

Ivashchuk, V.Ye., Prokhorenko, V.P. A short-pulse system for confidential communications 68050
Ivashin, A.V. *see* Kharchenko, V.P. 120504
Ivashkin, P.I. *see* Vlasov, D.V. 100208
Ivchenko, E.L., Kaliteevski, M.A., Kavukin, A.V., Nesvizhskii, A.I. Reflection and absorption spectra from microcavities with resonant Bragg quantum wells 65390
Ivensky, G., Zeltser, N., Katz, A., Ben-Yaakov, S. Reducing IGBT losses in ZCS series resonant converters 71438
Ivers, J.D., Kerslick, G.S., Nation, J.A., Schachter, L. Design and operation of a 700 kV, 700 A modulator 89607
Ivers, J.D. *see* Flechtner, D. 90107
Ivers, T.H. *see* Reass, W.A. 112172
Ivers-Tiffee, E., Lohwasser, W., Manner, R., Preu, G., Wersing, W. The materials and technology development of ceramic components for a reduced temperature SOFC 81852
Ivers-Tiffee, E. *see* Blum, L. 81764
Iversen, A.W. *see* Nafstad, H. 98534
Iversen, K., Ziemann, O. An all-optical CDMA communication network by spectral encoding of LED using acoustically tunable optical filters 88629
Iversen, V.B. *see* Norgaard, J. *(editor)* 92043
Iverson, D.E. Measuring moving target speed and angle in ultra-wideband radar 99629
Iverson, R. *see* Alexandrof, V.A. 100628
Iverson, R. *see* Kwok, P. 89918
Iverson, R. *see* Shintake, T. 100531
Iverson, R. *see* Tenenbaum, P. 89675
Ives, D., Tulloch, S., Churchill, J. INT prime focus mosaic camera 100139
Ives, D.J., Andersson, R., Artiglia, M., Bergamin, F., Caviglia, F., De Pauw, C., Ducos, L., Gauthier, F., de Lignie, M., Oksanen, L., Perny, B., Pollitt, S., Ravet, F., Ricaldone, P., Santaguistina, M., Schiano, M., Thorsen, P., Vobian, J., Valkeapaa, T., Walker, B. Evaluation of OTDR calibration technique and test methods for optical fibre attenuation and backscatter uniformity measurements 64682
Ives, F.J. *see* Jianmin Hua 101275
Ives, J.R., Drislane, F.W., Schachter, S.C., Miles, D.K., Coots, J.F., Martin, D.L., McGuiggan, J.M., Schomer, D.L. Comparison of coronal sphenoidal versus standard anteroposterior temporal montage in the EEG recording of temporal lobe seizures 90526
Ivey, P.A. *see* Warde, W. 118042
Ivkovic, S. *see* Mladenovic, M. 71901
Ivochkin, V. *see* Arefiev, A. 69787
Ivochkin, V. *see* Arefiev, A. 100805
Ivochkin, V.G. *see* Akesson, T. 69833
Iwaana, T. *see* Iwamuro, N. 105938
Iwadare, Y. *see* Nishinaga, N. 117130
Iwadare, Y. *see* Wakita, N. 97442
Iwadate, K. *see* Takahashi, Y. 95080
Iwade, T. *see* Hirachi, K. 121565
Iwahara, H. *see* Asano, K. 81752
Iwahashi, M., Kambayashi, N., Kiya, H. A scalable decoder with reduced hardware complexity 97476
Iwahashi, M., Kambayasi, N., Kiya, P. Bit reduction of DCT basis for transform coding 98302
Iwahashi, T., Tanaka, H. Satellite technology for environmental observation 80597
Iwai, H., Karasawa, Y. The theoretical foundation and applications of equivalent transmission-path model for assessing wideband digital transmission characteristics in Nakagami-rice fading environments 118930
Iwai, H., Watanabe, F., Mizuno, T. An investigation on wideband signal fluctuation characteristics in CDMA mobile radio using path and spatial diversity combination 68218
Iwai, H. *see* Hiraiwa, A. 104545
Iwai, H. *see* Inou, K. 63623
Iwai, H. *see* Momose, H.S. 84437
Iwai, H. *see* Sasaki, H. 94954
Iwai, K. *see* Nishizawa, K. 101215
Iwai, K. *see* Sawada, K. 70949
Iwai, N. *see* Kasukawa, A. 85515
Iwai, N. *see* Kasukawa, A. 85518
Iwai, N. *see* Yokouchi, N. 65199
Iwai, N. *see* Yokouchi, N. 107265
Iwai, S. *see* Edamatsu, K. 74303
Iwai, S. *see* Lee, J.-S. 61180
Iwai, S. *see* Sawaragi, T. 70467
Iwai, T., Asakura, T. Speckle reduction in coherent information processing 66945
Iwai, T., Shigematsu, H., Yamada, H., Tomioka, T., Sasa, S., Joshin, K., Fujii, T. Microwave power InAlAs/InGaAs double heterojunction bipolar transistors with 1.5 V-low voltage operation 63614
Iwai, T. *see* Yamada, H. 83375
Iwakami, N. *see* Ikeda, K. 67990
Iwaki, M., Ishii, R. Description of FIR digital filters in the form of parallel connection of linear phase FIRs 66854
Iwaki, M., Takahashi, K., Watanabe, H., Sato, S. Structure and macroscopic properties of ion-implanted carbon materials 63259
Iwaki, T. *see* Ichioka, Y. 64840
Iwaki, T. *see* Sakai, T. 71671
Iwaki, T. *see* Takaoka, D. 90559
Iwakiri, M. *see* Matsumoto, Y. 84635
Iwakuma, E. *see* Yasukawa, Y. 95549
Iwakura, C. *see* Ikoma, M. 81715
Iwakura, H. *see* Suyama, K. 90860
Iwakura, H. *see* Xi Zhang 62023
Iwakura, H. *see* Xi Zhang 76965
Iwakura, H. *see* Xi Zhang 117448
Iwakura, H. *see* Zhang, X. 114118
Iwakura, T. *see* Ohtsu, T. 115734
Iwakuro, H., Kuroda, T., Dian-Hong Shen, Zhangda Lin Enhanced dry etching of silicon with deuterium plasma 63332
Iwama, T. *see* Kanazawa, A. 99299
Iwama, T. *see* Watanabe, F. 99163
Iwama, Y. *see* Guang Yuan Zhao 61258
Iwamatsu, T. *see* Yamaguchi, Y. 93358
Iwami, M. *see* Hirai, M. 113478
Iwami, M. *see* Jikimoto, T. 105464
Iwamoto, A. *see* Kim, S.W. 95406
Iwamoto, A. *see* Mito, T. 95525
Iwamoto, A. *see* Namoto, Y. 109015
Iwamoto, A. *see* Satow, T. 95514
Iwamoto, A. *see* Takahata, K. 95516
Iwamoto, H. *see* Ebata, K. 96584
Iwamoto, K., Tanie, K. High resolution, wide view angle head mounted display using eye movement tracking: system structure and evaluation experiments 110310
Iwamoto, K., Tanie, K., Maeda, T. Study on the eye movement tracking type head mounted display–investigation of the image display method which can present high resolution images at the intensional visual area 69417
Iwamoto, M. Transient current across insulating films with long-range movements of charge carriers 74994
Iwamoto, M. *see* Kondo, M. 78971
Iwamoto, M. *see* Takayama, J. 78757
Iwamoto, M. *see* Xiaobin Xu 64120
Iwamoto, O. *see* Amurohka, H. 100892
Iwamoto, S., Miyake, M. A technique for preventing divergence of fast decoupled load flow with load characteristics 80777
Iwamoto, S. *see* Aihara, Y. 111555
Iwamoto, S. *see* Hayashi, Y. 90946
Iwamoto, S. *see* Huang, Y. 90926
Iwamoto, S. *see* Kashiwagi, T. 102438
Iwamoto, S. *see* Morita, H. 111540
Iwamoto, T. *see* Goudail, F. 117827
Iwamoto, T. *see* Hara, K. 64995
Iwamoto, T. *see* Tamaki, H. 60907
Iwamoto, Y. *see* Hashimoto, T. 89347
Iwamoto, Y. *see* Kita, E. 113469
Iwamura, H. *see* Kawamura, Y. 107502
Iwamura, H. *see* Mogi, K. 83826
Iwamura, H. *see* Suzuki, Y. 114780
Iwamura, H. *see* Takahashi, R. 64842
Iwamura, H. *see* Takahashi, R. 88468
Iwamura, H. *see* Takahashi, R. 99038
Iwamura, H. *see* Uenohara, H. 65286
Iwamura, T. *see* Ogawa, T. 99355
Iwamuro, N., Harada, Y., Iwaana, T., Hoshi, Y., Seki, Y. 2nd generation dual gate MOS thyristor 105938
Iwanaga, H. *see* Motojima, S. 92957
Iwanaga, K. *see* Yamanoi, Y. 90050
Iwanaga, T., Honma, H. High storage capacity technology for optical disk 116000
Iwanaga, T. *see* Motooka, T. 84048
Iwanczyk, J.S. *see* Wang, Y.J. 80049
Iwane, N. *see* Kitanoya, J. 112896
Iwaniczko, E. *see* Mahan, A.H. 112341
Iwano, H., Yoshikawa, K., Kojima, A., Hayashi, K., Zaima, S., Yasuda, Y. Novel method of strain-relaxed Si$_{1-x}$Ge$_x$ growth on Si(100) by MBE 104025
Iwano, S., Nagase, R., Kanayama, K., Ando, Y., Mitachi, S. MU-type optical fiber connector system 95682
Iwano, S. *see* Kobayashi, M. 95683
Iwano, S. *see* Mitachi, S. 99523
Iwano, S. *see* Nagase, R. 99524
Iwanoto, T. *see* Shioiri, K. 67970
Iwanski, W. *see* Barr, G.D. 90213
Iwanski, W. *see* Barr, G.D. 100933
Iwao, K., Okajima, M. Behavior of particles drifting in the air in a clean room and its effects on contamination [biomedical application] 110643
Iwao, T. *see* Kawahara, I. 100231
Iwasa, H. *see* Araki, S. 86850
Iwasa, H. *see* Suzuki, S. 87018
Iwasa, N. *see* Nakamura, S. 75914
Iwasa, N. *see* Nakamura, S. 107293
Iwasa, N. *see* Nakamura, S. 107296
Iwasa, T. Lean burn gas engine cogeneration with ebullient cooling 71113
Iwasa, T. *see* Dohmeki, H. 102754
Iwasa, Y., Kim, J.B., Ayai, N., Yamada, Y., Sato, K., Ando, T. A niobium-aluminium (Nb$_3$Al) coil: performance, including quench behaviour, in the temperature range 4.2-12 K 95601
Iwasaki, A. *see* Koyama, K. 92657
Iwasaki, H. A circularly polarized small-size microstrip antenna with a cross slot 108059
Iwasaki, H., Kato, F. Synthesis of symmetrical double-barrier structures with repulsive well with a prescribed resonant energy 114731
Iwasaki, H., Suzuki, Y. Electromagnetically coupled circular-patch antenna consisting of multilayered configuration 76579
Iwasaki, H. *see* Hazumi, M. 100854
Iwasaki, H. *see* Inoue, S. 70121
Iwasaki, H. *see* Kamiguchi, Y. 84812
Iwasaki, H. *see* Kohriki, T. 80039
Iwasaki, H. *see* Oba, N. 69243
Iwasaki, H. *see* Saeki, T. 73369
Iwasaki, H. *see* Saitoh, Y. 80027
Iwasaki, H. *see* Saitoh, Y. 100838
Iwasaki, H. *see* Tsuboyama, T. 100836
Iwasaki, H. *see* Unno, Y. 80035
Iwasaki, H. *see* Unno, Y. 100858
Iwasaki, H. *see* Yoda, H. 115704
Iwasaki, H. *see* Yoshinobu, T. 79539
Iwasaki, K. Superresolution linear array. I 76962
Iwasaki, K. Superresolution linear array. II 76963
Iwasaki, K. *see* Nomura, T. 79616
Iwasaki, M. *see* Furuhashi, T. 84598
Iwasaki, M. *see* Kuwata, M. 90205
Iwasaki, M. *see* Kuwata, M. 100925
Iwasaki, S., Goto, K., Sadakata, N., Saito, T., Kohno, O., Awaji, S., Watanabe, K. Development of high strength Nb$_3$Sn conductors for high magnetic field applications 95536
Iwasaki, S., Ouchi, K., Honda, N. Gbit/in^2 perpendicular recording using double layer medium and MIG head 115766
Iwasaki, S. *see* Honda, N. 64456
Iwasaki, S. *see* Honda, N. 104159
Iwasaki, S. *see* Honda, N. 115768
Iwasaki, S. *see* Matsuyama, S. 69843
Iwasaki, S. *see* Yamakawa, K. 75100
Iwasaki, S.I. *see* Ariake, J. 106526
Iwasaki, T. *see* Baba, M. 90114
Iwasaki, T. *see* Ishigami, S. 65663
Iwasaki, T. *see* Ishigami, S. 108029
Iwasaki, T. *see* Kawase, D. 105588
Iwasaki, T. *see* Makita, H. 102766
Iwasaki, T. *see* Nagai, A. 112305
Iwasaki, T. *see* Slack, P.A. 119498
Iwasaki, T. *see* Takada, M. 68963
Iwasaki, T. *see* Yabuhara, Y. 92676
Iwasaki, Y., Obata, T., Matsuoka, T., Higashiyama, M., Sekimizu, M. Performance and medium access method about CSMA/CD and demand priority 118457
Iwasaki, Y., Sugino, T., Shirafuji, J. Electrical and optical characteristics of diamond/a-Si:H pin diodes 115143
Iwasaki, Y. *see* Abe, K. 69708
Iwasaki, Y. *see* Abe, K. 69726
Iwasaki, Y. *see* Bessho, K. 115518
Iwasaki Shun-Ichi *see* Shun-Ichi Iwasaki
Iwasawa, C., Nagata, M., Yamaoka, S., Seino, Y., Ono, M. A study on structure of fuel electrode for SOFC 81820
Iwasawa, C. *see* Nagata, M. 81765
Iwase, K. *see* Kanefuji, K. 103596
Iwase, M. *see* Shimasaki, M. 64908
Iwase, M. *see* Show, Y. 83799
Iwase, M. *see* Wakaki, M. 92819
Iwase, S. Company name analysis technology 87619
Iwase, S. *see* Kurokawa, M. 77536
Iwase, S. *see* Sugiyama, Y. 90500
Iwase, T. *see* Suzuki, T. 79156
Iwase, Y. *see* Chiba, Y. 98991
Iwashima, T. *see* Kakui, M. 78772
Iwashita, K. *see* Ishida, O. 109317
Iwashita, K. *see* Kuwano, S. 88648
Iwashita, K. *see* Yasukawa, Y. 95549
Iwashita, K. *see* Yoshida, S. 68521
Iwashita, M. A study on evaluation of access network transition scenarios 109264
Iwashita, T., Matsuo, T., Ishikawa, M., Umoto, J. Stabilization analysis of supersonic diagonal type MHD generators of commercial scale 112422
Iwashita, T. *see* Ishiguro, T. 106534
Iwashita, T. *see* Kashihara, T. 103148
Iwashita, Y., Noda, A., Okamoto, H., Shirai, T., Inoue, M. Cold model test of biperiodic L-support disk-and-washer linac structure 89771
Iwashita, Y. *see* Dewa, H. 120075
Iwashita, Y. *see* Hirota, J.I. 100675
Iwashita, Y. *see* Kando, M. 100698
Iwashita, Y. *see* Noda, A. 79988
Iwashita, Y. *see* Shirai, T. 89766
Iwaszkiewicz, J. *see* Hartman, M. 121744
Iwata, A., Izmailov, R., Horikawa, K., Suzuki, H., Sengupta, B. PNNI routing schemes for ATM Internet 118064
Iwata, A., Izmailov, R., Lee, D.-S., Sengupta, B., Ramamurthy, G., Suzuki, H. ATM routing algorithms with multiple QOS requirements for multimedia internetworking 109229
Iwata, A. *see* Ishikawa, S. 110859
Iwata, A. *see* Matsuo, H. 98136
Iwata, F., Kawaguchi, M., Sasaki, A., Katumata, A., Aoyama, H. Development of scanning shearing-stress microscopy utilized the quartz crystal microbalance technique 69514
Iwata, F. *see* Ishida, A. 104074
Iwata, F. *see* Takahashi, S. 96751
Iwata, H., Ohzone, T. Transport equations for homogeneous and variable-composition semiconductor devices at low temperatures 63532
Iwata, H., Yamada, H., Sampei, T., Kikuchi, S. An ATM subscriber line interface circuit for voice and telephony over ATM (VTOA) 78294
Iwata, H. *see* Hirano, S. 69932
Iwata, H. *see* Kashima, N. 106791
Iwata, H. *see* Naniwae, K. 74156
Iwata, H. *see* Suyama, M. 88649
Iwata, H. *see* Watanabe, S. 69095

Iwata, K. Nonflammable transformers to avoid electric fire hazard 71384

Iwata, K., Asahi, H., Ogura, T., Sumino, J., Gonda, S., Ohki, A., Kawaguchi, Y., Matsuoka, T. Low temperature grown Be-doped InAlP band offset reduction layer to p-type ZnSe 61202

Iwata, K. *see* Asahi, H. 96276

Iwata, K. *see* Kawano, T. 101058

Iwata, K. *see* Matsui, K. 91649

Iwata, N. *see* Shimatsu, T. 106530

Iwata, S., Ishizaka, A. Electron spectroscopic analysis of the SiO_2/Si system and correlation with metal-oxide-semiconductor device characteristics 63167

Iwata, S., Murota, K., Sakuta, I. Primal-dual combinatorial relaxation algorithms for the maximum degree of subdeterminants 92447

Iwata, S., Shimizu, T., Korematu, J., Dosaka, K., Tsubota, H., Saitoh, K. Performance evaluation of a microprocessor with on-chip DRAM and high bandwidth internal bus 113978

Iwata, S. *see* Fujiwara, Y. 75197

Iwata, S. *see* Shimizu, T. 73431

Iwata, T. Characterization of Ni-YSZ anode degradation for substrate-type solid oxide fuel cells 71686

Iwata, T., Kadokawa, N., Takonoiri, S. Development of new substrate-type, planar SOFC at Fuji Electric 81758

Iwata, T., Kobayashi, T., Horiba, I., Onodera, H., Okada, T. Parking availability discrimination systems for expressway parking areas 98132

Iwata, T., Takahashi, Y., Kurihara, N., Takaba, H., Koyama, Y., Heki, K., Kaneko, A. Crustal deformation monitoring system for the Tokyo metropolitan area. VLBI system for Key Stone Project. Observation system for KSP–VLBI. Automatic monitoring system 101527

Iwata, T. *see* Imae, M. 101522

Iwata, T. *see* Kaneko, A. 101543

Iwata, T. *see* Koyama, Y. 101528

Iwata, T. *see* Kurihara, N. 101545

Iwata, T. *see* Nagai, Y. 120182

Iwata, T. *see* Taimatsu, H. 81822

Iwata, T. *see* Takaba, H. 101526

Iwata, Y., Inoue, H., Okada, Y., Yokota, Y. Analysis of low-ozone scorotoron-electric-charger in electrophotographic system 107809

Iwata, Y., Tanaka, S., Sakamoto, K., Konishi, H., Kawazoe, H. Simulation study of a hybrid HVDC system composed of a self-commutated converter and a line-commutated converter 81013

Iwata, Y. *see* Naka, M. 111329

Iwata, Y. *see* Nakamura, H. 93368

Iwata, Y. *see* Unno, Y. 80035

Iwata, Y. *see* Unno, Y. 100858

Iwatai, A. *see* Kawashima, K. 118240

Iwatani, J., Imai, H. Anti-jamming properties of MFSK/FH-SSMA systems using FH patterns generated from permutation polynomials 67567

Iwatani, K. *see* Maruyama, K. 100989

Iwatani, K. *see* Mineo, Y. 92132

Iwate, Y. *see* Mochida, T. 121331

Iwato, N. *see* Hasegawa, Y. 73811

Iwatsuki, K. Optical soliton transmission system 85603

Iwatsuki, M., Ebata, M. Interpolation of depth map with occlusions using the features of color regions for stereo vision 87031

Iwatsuki, M., Sato, T., Yamamoto, Y. High-temperature STM for atomic processes on semiconductor surfaces 62663

Ixaru, L.G. *see* Coleman, J.P. 60966

Iyama, Y., Chaki, S., Ishida, O. Distributed type FET T/R switch 114293

Iyama, Y., Iida, A., Ishida, O., Urasaki, S., Andoh, N. A high-pass/lowpass phase shifter with resistive matching networks 83275

Iyama, Y., Suematsu, N., Shigematsu, T., Moriwaki, T., Ikeda, T. L-band SPDT switch using Si-MOSFET 73793

Iyama, Y. *see* Atsumi, S. 73349

Iyama, Y. *see* Suematsu, N. 93864

Iychettira, A., LaForge, L.E. Simulation of wafer scale diagnosis 63876

Iye, M. Frontiers of astronomical imaging 69244

Iye, Y. *see* Endo, A. 105260

Iye, Y. *see* Ohno, H. 62801

Iye, Y. *see* Ohno, H. 83884

Iyengar, G., Lippman, A.B. Entropy measures for controlled coding 86568

Iyengar, S.S., Deng, W., Brener, N.E. A fast parallel thinning algorithm 98327

Iyengar, S.S. *see* Brooks, R.R. 66979

Iyengar, S.S. *see* Brooks, R.R. 77345

Iyengar, S.S. *see* Raghavendra, A.D. 109035

Iyengar, S.S. *see* Weian Deng 66936

Iyengar, S.S. *see* Zheng, S.Q. 95153

Iyengar, S.Sitharama *see* Sitharama Iyengar, S.

Iyengar, V.R.K. Computerized integrated telecom operations management system 118294

Iyer, A., Subbarao, G.V. Inverse control for nonlinear excitation and governor control 121048

Iyer, A. *see* Gorrow, C.I. 99430

Iyer, A.N. *see* Balachandran, U. 84865

Iyer, A.N. *see* Balachandran, U. 115909

Iyer, B., Karri, R. Introspection: a low overhead binding technique during self-diagnosing microarchitecture synthesis 82846

Iyer, H.A.Purushothama *see* Purushothama Iyer, H.A.

Iyer, M.A., Abramovici, M. FIRE: a fault-independent combinational redundancy identification algorithm 61866

Iyer, M.A., Long, D.E., Abramovici, M. Surprises in sequential redundancy identification 73218

Iyer, N. *see* Prorok, B.C. 95432

Iyer, R. *see* Plant, D.V. 85326

Iyer, S., Amin, A. Neural network for the recognition of hand printed Latin characters 77124

Iyer, S. *see* Guarin, F.J. 61243

Iyer, S.S. *see* Gu, Y. 63164

Iyer, S.S. *see* Guarin, F.J. 72807

Iyer, S.S. *see* Lange, R. 114672

Iyer, S.S.K. *see* Min, J. 84023

Iyer, S.S.K. *see* Min, J. 105552

Iyer, S.Venkatakrishna *see* Venkatakrishna Iyer, S.

Iyi, N. *see* Furukawa, Y. 76217

Iyoda, I., Sakaguchi, T., Kojima, Y. Digital real-time simulation–from electromechanical to electromagnetic transients 90920

Iyoda, I. *see* Nagai, N. 80891

Iyoda, I. *see* Tsukamoto, Y. 70830

Iyoku, T. *see* Maruyama, S. 109958

Izadju, F. *see* Failer, E. 121385

Izak-Biran, T., Malchi, S., Shamai, Y., Alfassi, Z.B. Low pre- and post-irradiation fading of LiF:Mg,Ti (TLD-100, TLD-600, TLD-700) using a preheat technique 80530

Izaki, K., Hirota, I., Yamashita, H., Omori, H., Wang, S.P., Sun, J.M., Nakaoka, M. New soft-switched PWM quasi-resonant high-frequency IGBT inverter with power factor correction and sinewave line current shaping scheme 91966

Izatt, A. *see* Fenglei Du 86445

Izatt, A.J. *see* Bandera, C. 87009

Izatt, J.A., Hsing-Wen Wang, Kulkarni, M., Canto, M.I., Sivak, M.V. Optical coherence microscopy in gastrointestinal tissues 120406

Izatt, J.A. *see* Kulkarni, M.D. 120409

Izawa, H. *see* Hasegawa, Y. 71375

Izawa, H. *see* Miyama, M. 95608

Izawa, M. *see* Koseki, T. 100683

Izawa, M. *see* Nagatsuka, T. 100662

Izawa, M. *see* Tajima, T. 100491

Izawa, N., Taguchi, A., Murata, Y. Synthesis of fuzzy center weighted median (FCWM) filters 114084

Izawa, S. *see* Endo, A. 105260

Izawa, T. *see* Furumochi, K. 73356

Izawa, T. *see* Kastsube, M. 93289

Izawa, Y. *see* Kiriyama, H. 96696

Izawa, Y. *see* Srinivasan, N. 85706

Izawa, Y. *see* Srinivasan, N. 116663

Izawa, Y. *see* Yasuda, H. 76313

Izgorodin, A.K. Crack resistance of one-piece pressed multipole rotors 81383

Izgorodin, A.K., Konoplev, Yu.V., Rastegaev, B.V. Features of the pressing texture in multipole magnetic systems 106552

Izgorodin, A.K. *see* Konoplev, Yu.V. 81384

Izhyk, E.V. *see* Cherpak, N.T. 79653

Izmailov, A., Ozolov, V., Vorotnev, P. Rays self-imaging cavity for polychromatic lasers 96577

Izmailov, A.F. Stable methods for finding special solutions to nonlinear multipoint boundary value problems 103775

Izmailov, A.M. Shaper of rectangular pulses with stable length 104412

Izmailov, R. Analysis and optimization of feedback control algorithms for data transfers in high-speed networks 118175

Izmailov, R. *see* Iwata, A. 109229

Izmailov, R. *see* Iwata, A. 118064

Izmailov, V.V. Influence of coatings on mechanical and electrical contact of rough surfaces 114362

Izmailova, T. *see* Vorobiova, A. 95427

Izmajlov, V.V., Mitjurev, A.A. Tribological aspects of using the liquid metallic interlayers in electrical contacts 114363

Izosimov, D.B. Forced commutated current converter 71479

Izosimov, D.B., Ryvkin, S.Ye. Improvement in the quality of the electric energy consumption by semiconductor converters with pulse-duration modulation 71530

Izotova, V.F., Maksimova, I.L., Romanov, S.V. Analysis of errors of a laser polarization nephelometer 89537

Izpura, I., Valtuena, J.F., Sanchez-Rojas, J.L., Sacedon, A., Calleja, E., Munoz, E. Transient negative photocurrent and out-of-well dipole kinetics in novel piezoelectric InGaAs/GaAs MQW pin diodes 64943

Izquierdo, E., Ernst, M. Motion/disparity analysis and image synthesis for 3DTV 68863

Izquierdo, J.M., Melendez, E., Devooght, J. Relationship between probabilistic dynamics and event trees 72351

Izquierdo, J.M. *see* Hortal, J. 81150

Izquierdo, J.M.G. *see* Roberts, G. 90696

Izquierdo, M.A.G. *see* Fritsch, C. 111394

Izquierdo, R., Hanus, F., Lang, Th., Ivanov, D., Meunier, M., Laude, L., Currie, J.F., Yelon, A. Pulsed laser deposition of NASICON thin films 92927

Izso, L. *see* Bareith, A. 71050

Izu, M., Ovshinsky, S.R., Deng, X., Ovshinsky, H.C., Jones, S., Doehler, J. Continuous roll-to-roll a-Si PV module manufacturing 112359

Izui, Y. *see* Oki, I. 91685

Izui, Y. *see* Swarup, K.S. 70654

Izum, M. *see* Nitta, Y. 71717

Izumi, H., Machida, K., Shiomi, A., Iguchi, M., Adachi, G.-Y. High-performance characteristics of bonded magnets produced using $Sm_2Fe_{17}N_x$ powder stabilized by photoinduced zinc metal coating 95347

Izumi, H. *see* Ikeda, M. 80868

Izumi, K., Furukawa, Y., Tsuji, M., Oyama, J., Yamada, E. Development of PWM generator for voltage-type inverter using hardware description language 104401

Izumi, K. *see* Ino, M. 73249

Izumi, K. *see* Omura, Y. 63751

Izumi, K. *see* Tsuji, M. 121482

Izumi, K. *see* Uno, A. 69390

Izumi, K. *see* Yamada, E. 111836

Izumi, K. *see* Yamada, E. 112051

Izumi, M. *see* Matsumoto, T. 86652

Izumi, M. *see* Yahata, Y. 87104

Izumi, S., Hayafuji, N., Ito, K., Sato, K., Otsubo, M. Chemical beam epitaxial growth of Si-doped GaAs and InP by using silicon tetraiodide 72781

Izumi, S., Hirukawa, A., Takanashi, H. PHS inter-base-station frame synchronization technique using UW with experimental results 99187

Izumi, S., Sakai, M., Shimura, T., Hayafuji, N., Sato, K., Otsubo, M. Evaluation of molecular beam epitaxially grown AlGaAs/GaAs heterojunctions for bipolar transistor with InGaAs emitter contact layer 115167

Izumi, S. *see* Kato, Y. 102498

Izumi, S. *see* Kitaguchi, H. 90153

Izumi, S. *see* Kitaguchi, H. 100894

Izumi, T. Trend in laser applied precision measurement instruments 65585

Izumi, T. *see* Harada, N. 103050

Izumi, T. *see* Shimasaki, M. 64908

Izumi, T. *see* Show, Y. 83799

Izumida, M. *see* Ichikawa, K. 86501

Izumida, S. *see* Zhenlin Liu 116446

Izumihara, A., Orita, T., Tsurutani, T., Kajiwara, K., Matsunaga, T., Hatano, M. Pineal and suprasellar metastasis of lung cancer: case report and review of the literature 80198

Izumikawa, M., Yamashina, M. A current direction sense technique for multiport SRAM's 61895

Izumikawa, M., Yamashina, M. A current direction sense technique for multiport SRAMs 93378

Izumitani, T. Continuous melting of phosphate laser glass 84936

Izumitani, T., Peng, B. Low expansion and high gain Nd laser glasses 84937

Izumov, A.O., Selolov, A.V. Scintillation on millimeter and submillimeter waves in absorptive atmosphere 76425

Izumskaya, N.F. *see* Avrutin, V.S. 83798

Izunome, K. *see* Togawa, S. 61134

Izunome, K. *see* Togawa, S. 61135

Izunome, K. *see* Togawa, S. 113275

Izuoka, T. *see* Suguri, K. 77531

Izuoka, T. *see* Tashiro, Y. 78270

Izutani, S., Yuasa, Y., Kusano, T., Takakura, M., Seike, S., Ishida, Y., Ihara, C. Automated on-line assay of coal 71032

Izycki, M. *see* Gerstenmayer, J.-L. 80139

Izykowski, J., Kasztenny, B., Rosotowski, E., Saha, M.M. Fault loop impedance measurement for digital distance protection of series-compensated transmission line 121220

Izykowski, J., Rosolowski, E., Saha, M.M., Eriksson, L. Study of transient simulation of series compensated network for investigation of digital protective relays 102252

Izzard, M.J. *see* Anirudhan, P.N. 87879

Izzat, N., Hilton, G.S., Railton, C.J. Analysis of shielded-room error for screened rooms and its application to low-frequency emission measurements from electrically small sources 85898

Izzo, L., Tanda, M. Incoherent diversity detection of fading signals in correlated non-Gaussian noise 66725

Izzo, L., Tanda, M. Asymptotically optimum diversity detection in correlated non-Gaussian noise 66762

Izzo, L. *see* Fedele, G. 97123

J. Chen Jia-Jin *see* Jia-Jin J. Chen

J. Choi Guang *see* Guang J. Choi

J. Jang Sung *see* Sung J. Jang

Ja, Y.H., Dai, X. Optical double-loop fiber resonator with two identical or nonidentical 2×2 fiber couplers 85006

Ja Park Soon *see* Soon Ja Park

Ja Suotang *see* Wang Haibin 116693

Ja Yoon Koo *see* Dong Il Lee 102185

Ja Yoon Koo *see* Jeong Doo Kim 81100

Ja-Chen Lin A simplified fold number detector for shapes with monotonic radii 67457

Ja-Chen Lin, Jenn-Yih Lin, Zen Chen Clustering by comparing regions of different density 77232
Ja-Chen Lin *see* Ching-Yung Yang 117550
Ja-Chen Lin *see* Ching-Yung Yang 117623
Ja-Hum Ku, Nemanich, R.J. Hydrogen evolution from strained Si_xGe_{1-x}(100)2×1:H surfaces 114948
Ja-Ling Wu, Shiao-Jiuan Huang, Yuh-Ming Huang, Chiou-Ting Hsu, Jiun Shiu An efficient JPEG to MPEG-1 transcoding algorithm 108475
Ja-Ling Wu *see* Chu-Song Chen 67071
Ja-Ling Wu *see* Chu-Song Chen 79016
Ja-Ling Wu *see* Chun-Hung Lin 98104
Ja-Ling Wu *see* Jiun Shiu 66302
Ja-Ling Wu *see* Jiun-Jie Huang 108421
Ja-Yoon Koo *see* Jeong-Boo Kim 81106
Jaafar, M.A.S., Denton, D.D. A plated through-hole interconnect technology in silicon 63450
Jaag, S., Kappeler, F. Moxon-Rae setup for the measurement of stellar (n,γ) rates and the example of ^{87}Rb 69824
Jaam, J. Ramsey numbers by stochastic algorithms with new heuristics 103708
Jaap, D. *see* Evert, A. 101871
Jaaskelainen, S. *see* Makela, K. 90409
Jaaskelainen, T. *see* Hamalainen, M.K. 64168
Jaaskelainen, T. *see* Kamshilin, A.A. 85723
Jaaskelainen, T. *see* Kamshilin, A.A. 116691
Jaaskelainen, T. *see* Lenz, R. 98018
Jaaskelainen, T. *see* Onodera, R. 85724
Jabbar, A. *see* Chen, S.X. 112471
Jabbar, M.A. Design and development of a new controller for disk-drive spindle motors 112444
Jabbar, M.A. *see* Chen, S.X. 115781
Jabbar, M.A. *see* Chen, S.X. 116820
Jabbar, M.A. *see* Liu, Z.J. 115792
Jabbari, B. Mobility and teletraffic issues in wireless personal communications 68215
Jabbour, K. *see* Barjaktarovic, M. 67738
Jabczynki, J.K., Zendzian, W. Free-running and electrooptically Q-switched single frequency generation of 1 cm quasi-CW diode-bar-end-pumped Nd:YVO_4 laser 85435
Jabczynski, J., Szczesniak, A. Digital processing of Doppler signals by means of fast Fourier transform 110455
Jabczynski, J.K. Laser diode beam shaping for end pumped lasers 107440
Jabczynski, J.K., Peshko, I. Novel solid state lasers for optical velocimetry 107679
Jabczynski, J.K., Zendzian, W., Janucki, J. Performance of pulsed Nd:YAG and Nd:YVO_4 lasers end pumped by 1 cm quasi-cw laser diode bar 107166
Jabczynski, J.K., Zendzian, W., Skorczakowski, M., Mierczyk, Z., Jankiewicz, Z. Single frequency diode pumped Q-switched Nd:YVO_4 laser 107681
Jabczynski, J.K. *see* Peshko, I. 107680
Jabczynski, J.K. *see* Zendzian, W. 107170
Jabillo, E.C. Dual N-channel power DMOS transistor array in half-bridge configuration 82939
Jabillo, E.C. Dual N-channel power DMOS transistor array in half-bridge configuration 84374
Jablonka, M. *see* Chehab, R. 89714
Jablonka, M. *see* Garvey, T. 90080
Jablonski, M., Majer, K. Peculiar phenomena caused by leakage flux in convertor three winding transformers 91637
Jablonski, P., Pilat, Z. Various control algorithms for DC-drives of industrial robots ₑvelopment, testing and tuning 103057
Jablonski, S. *see* Badziak, J. 75802
Jabri, A.Kh.Al *see* Al Jabri, A.Kh.
Jabri, M.A. *see* Partridge, M.G. 117611
Jabzynski, J.K. Shaping of laser diode beams for end pumped lasers 107468
Jabzynski, J.K. *see* Zendzian, W. 107211
Jac-Woo Yang *see* Yanghee Choi 78228
Jacak, B.V. *see* Britton, C.L., Jr. 110617
Jaccard, Y. *see* Czernichow, T. 91069
Jach, J. Exploitation features of digital switches in special communications systems 88036
Jacholkowski, A. *see* Antinori, F. 120156
Jack, A.G., Mecrow, B.C., Haylock, J.A. A comparative study of permanent magnet and switched reluctance motors for high-performance fault-tolerant applications 101472
Jack, M. *see* Yoma, N.B. 97585
Jack, M.D. *see* Johnson, J.L. 95985
Jacka, F. *see* Argall, P.S. 80638
Jacka, M. *see* Weijian Lu 116596
Jackel, J. *see* Gamelin, J. 88652
Jackel, J.L. Acousto-optic tunable switching: an interim report 64875
Jackel, J.L., Goodman, M.S., Baran, J.E., Tomlinson, W.J., Chang, G.-K., Iqbal, M.Z., Song, G.H., Bala, K., Brackett, C.A., Smith, D.A., Chakravarthy, R.S., Hobbs, R.H., Fritz, D.J., Ade, R.W., Kissa, K.M. Acousto-optic tunable filters (AOTFs) for multiwavelength optical cross-connects: crosstalk considerations 78891
Jackel, J.L. *see* Kissa, K.M. 85239
Jackel, J.L. *see* Smith, D.A. 78885
Jackel, J.L. *see* Smith, D.A. 109652
Jackel, S. *see* Ting, A. 96478
Jackiewicz, Z., Renaut, R.A., Zennaro, M. Explicit two-step Runge-Kutta methods 72671
Jackiewicz, Z., Tracogna, S. Variable stepsize continuous two-step Runge-Kutta methods for ordinary differential equations 103777
Jackman, R.B., Baral, B., Kingsley, C.R., Foord, J.S. Dopant incorporation mechanisms during the growth of thin film diamond 72930
Jackman, R.B. *see* Baral, B. 105604
Jackman, R.B. *see* Chan, S.S.M. 74604
Jackman, R.B. *see* Foord, J.S. 103921
Jackman, R.B. *see* Whitfield, M.D. 89096
Jackman, R.B. *see* Whitfield, M.D. 113474
Jackson, A. A new family of microcontrollers simplify aerospace communications systems 78640
Jackson, A. *see* Kim, C. 79868
Jackson, A. *see* Massoletti, D. 79870
Jackson, A. *see* Pinsukanjana, P. 82673
Jackson, A. *see* Raubenheimer, T.O. 89662
Jackson, A.H., Christopher, P. Angle diversity for millimeter wave satellite communications 88402
Jackson, A.M. *see* Artaki, I. 94062
Jackson, A.M. *see* McCormack, M. 104944
Jackson, B. A software power model for a spin-stabilized LEO spacecraft utilizing V/T charge control 90717
Jackson, C.B. *see* Cootes, T.F. 108408
Jackson, D.A. *see* Fisher, N.E. 69207
Jackson, D.A. *see* Fisher, N.E. 100062
Jackson, D.A. *see* Lobo Ribeiro, A.B. 69212
Jackson, D.A. *see* McGarrity, C. 79510
Jackson, D.A. *see* McGarrity, C. 119697
Jackson, D.A. *see* Podoleanu, A.Gh. 87199
Jackson, D.A. *see* Rao, Y.J. 69206
Jackson, D.A. *see* Rao, Y.J. 119714
Jackson, D.A. *see* Rao, Y.T. 69208
Jackson, D.A. *see* Wacogne, B. 68465
Jackson, D.A. *see* Wacogne, B. 78944
Jackson, D.A. *see* Yun-Jiang Rao 89115
Jackson, D.J., Mahmoud, W. Parallel pipelined fractal image compression using quadtree recomposition 66862
Jackson, D.J., Tinney, G.S. Performance analysis of distributed implementations of a fractal image compression algorithm 77392
Jackson, D.K., Leeb, S.B., Mitwalli, A., Narvaez, P., Fusco, D., Lupton, E.C., Jr. Power electronic drives for magnetically triggered phase transition gels 121826
Jackson, D.K. *see* Schultz, A.M. 122046
Jackson, D.L. *see* Stephens, G.L. 80617
Jackson, D.R. *see* Awada, K.A. 65651
Jackson, D.R. *see* Di Nallo, C. 85933
Jackson, D.R. *see* Nghiem, D. 114251
Jackson, D.R. *see* Villegas, F.J. 85935
Jackson, E.M. *see* Weaver, B.D. 106648
Jackson, F., Berlouis, L.E.A., Rocabois, P. Layer-by-layer electrodeposition of cadmium telluride onto silicon 74192
Jackson, G. Analysis of the Tevatron Collider beam spectrum for bunched beam stochastic cooling 89842
Jackson, G., Carrigan, D., Chen, D., Murphy, C.T., Bogacz, A., Ramachandran, S., Rhoades, J., McManus, A., Baker, S. Results from experiments of crystal extraction of 900 GeV proton beams from the Tevatron Collider 100728
Jackson, G., Foster, G.W. Storage ring for enhanced antiproton production at fermilab 79818
Jackson, G., Foster, G.W. Potential accelerator improvements required for the Tevatron upgrade at Fermilab 79936
Jackson, G. *see* Chou, P.J. 89974
Jackson, G. *see* Chou, P.J. 89975
Jackson, G. *see* Chou, P.J. 100542
Jackson, G. *see* Foster, G.W. 89784
Jackson, H.E., Lindsay, S.M., Poweleit, C.D., Naghski, D.H., De Brabander, G.N., Boyd, J.T. Near field measurements of optical channel waveguide structures 95760
Jackson, H.E., Xuelong Cao, Ahn Goo Choo, Smith, L.M., Chen, P., Steckl, A.J. Anisotropic exciton diffusion in FIB-patterned AlGaAs/GaAs MQW wire-like structures 62919
Jackson, H.E. *see* Mantei, T.D. 72868
Jackson, H.E. *see* Naghski, D.H. 95707
Jackson, J. *see* Bunce, G. 100643
Jackson, J. *see* Elliott, S. 118322
Jackson, J.K. *see* Ohno, Y. 88906
Jackson, K. *see* McGrath, F.J. 68144
Jackson, K.H., Khan-Malek, C., Muray, L.P., Bonivert, W.D., Hruby, J.M., Hachman, J.T., Chang, T.H.P. Fabrication of miniaturized electrostatic deflectors using LIGA 76357
Jackson, K.H. *see* Malek, C.K. 74655
Jackson, K.P. *see* Kuchta, D.M. 78787
Jackson, L.T., Saab, A.H., Shimer, D.W. PEP-II magnet power conversion systems 100734
Jackson, L.T. *see* Leyh, G.E. 102853
Jackson, M. *see* Deis, G. 106719
Jackson, M.D. *see* Wacogne, B. 68465
Jackson, M.K., Smith, V., Hallam, W., Maycock, J. Chirp in optically-linearized external modulators and its effect on analog transmission 88563
Jackson, M.K. *see* Shah, S.A. 93688
Jackson, M.K. *see* Shah, S.A. 108249
Jackson, M.K. *see* Zeng, A. 95812
Jackson, M.K. *see* Zeng, A. 107020
Jackson, M.R. *see* Parkin, R.M. 103482
Jackson, M.S. The basics of low-current probing [IC testing] 63843
Jackson, N.N. *see* Excell, P.S. 99293
Jackson, P. *see* Pham, T.V. 81863
Jackson, P.D. *see* Ashwell, G.J. 76248
Jackson, P.M. *see* Pflug, L.A. 119958
Jackson, P.O., Abrahamsson, B., Gustasson, D., Igetogt, L. Corrosion in HVDC valve cooling systems 121101
Jackson, R. *see* Heyder, R. 94654
Jackson, R.G. *see* Simpson, M.L. 90214
Jackson, R.G. *see* Simpson, M.L. 100938
Jackson, R.G. *see* Wintenberg, A.L. 100967
Jackson, R.H., Blank, M., Freund, H.P., Pershing, D.E., Taccetti, J.M. Design of a novel coaxial wiggler 65380
Jackson, R.H., Blank, M., Freund, H.P., Pershing, D.E., Tacetti, J.M. Design of a far-infrared CHI wiggler free-electron laser 96516
Jackson, R.H., Taccetti, J.M. Expansion solution of Laplace's equation: technique and application to hollow beam gun design 114503
Jackson, R.H. *see* Blank, M. 96502
Jackson, R.H. *see* Blank, M. 107362
Jackson, R.H. *see* Pershing, D.E. 94199
Jackson, R.H. *see* Taccetti, J.M. 107374
Jackson, R.H. *see* Taccetti, J.M. 114521
Jackson, R.W. A circuit topology for microwave modeling of plastic surface mount packages 93857
Jackson, S.D., Piper, J.A. Encapsulated rod for efficient thermal management in diode-side-pumped Nd:YAG lasers 75882
Jackson, S.L., Baker, J.E., Stillman, G.E. Influence of AsH_3 cracking temperature on the H passivation of C acceptors in $In_{0.53}Ga_{0.47}As$ grown by beam epitaxy techniques 104013
Jackson, S.L. *see* Stillman, G.E. 84337
Jackson, S.R. *see* Dyer, P.E. 92926
Jackson, T. *see* Hoyer, E. 100455
Jackson, T. *see* Marks, S. 100441
Jackson, T. *see* Wienands, U. 79958
Jackson, T.J., Tang Ling Li, Wood, E.F., Hsu, A., O'Neill, P.E., Engman, E.T. SIR-C/X-SAR as a bridge to soil moisture estimation using current and future operational satellite radars 120842
Jackson, T.J. *see* Engman, E.T. 120839
Jackson, T.J. *see* O'Neill, P.E. 120840
Jackson, T.L. Transmission of electronically generated FSK using a 1.3 μm InGaAsP Fabry-Perot laser diode 68436
Jackson, W., Guerette, J. Automated beam manipulation in UV laser systems 107637
Jackson, W.B., Johnson, N.M. Origin of the anomalous pulse-width dependence in capacitance transient measurements on n-type a-Si:H 94408
Jackson, W.B. *see* Street, R.A. 100144
Jackson, W.B. *see* Van de Walle, C.G. 114959
Jackway, P.T. Gradient watersheds in morphological scale-space 77259
Jacob, A.F. *see* Oberschmidt, G. 65946
Jacob, C., Nishino, S., Pirouz, P., Zorman, C.A., Fleischman, A.J., Mehregany, M. Structural and electrical characterization of single-crystal 4″ CVD grown 3C-SiC films 104050
Jacob, C. *see* Faschingbauer, U. 110557
Jacob, C. *see* Fleischman, A.J. 104037
Jacob, C. *see* Wu, C.H. 103979
Jacob, D. *see* Poirson, J. 76083
Jacob, D.K., Mark, M.B., Duncan, B.D. Heterodyne ladar system efficiency enhancement using single-mode optical fiber mixers 88718
Jacob, G. A look at video cameras for inspection 82279
Jacob, G., Renken, D. Passenger safety and satellite positioning on the Berlin S-Bahn 71823
Jacob, J. *see* Biswas, N.N. 92377
Jacob, J. *see* Damodare, R.P. 67046
Jacob, J. *see* Majhi, A.K. 93269
Jacob, J. *see* Majhi, A.K. 93347
Jacob, J. *see* Mathew, K.T. 97308
Jacob, J. *see* Moser, H.O. 79772
Jacob, J. *see* Raveendranath, U. 69450
Jacob, J. *see* Ropert, A. 79912
Jacob, J. *see* Srinivas, M.K. 73272
Jacob, J.B. *see* Masetti, F. 78317
Jacob, M., Pichler, P., Ryssel, H., Gambaro, D., Falster, R. Determination of vacancy concentration in float zone and Czochralski silicon 94216
Jacob, M. *see* Narmada, S. 92315
Jacob, P. A line monitoring concept to shorten learn loops in semiconductor-microchip manufacturing lines 95146
Jacob, P., Held, M., Scacco, P. IGBT power semiconductor reliability analysis for traction application 74734
Jacob, P., Held, M., Scacco, P. Groundrules for reliability improvement of IGBT power module packaging 115165
Jacob, P., Hoeppner, K. Oxide breakdown decrease by oxide growth projection of implantation-caused stacking faults: a characterization case study using atomic force microscopy 115364
Jacob, P. *see* Wu, W. 96929
Jacob, P. *see* Wuchen Wu 106026
Jacob, T. *see* Meyer-Hilberg, J. 88756
Jacob, T. *see* Tarumi, K. 95873
Jacob Tsao, H.-S. *see* Shu-Cherng Fang 82479
Jacobeni, C. *see* Abramo, A. 95078
Jacobina, C.B., Lima, A.M.N. Control strategies for asynchronous machine drive systems 102688
Jacobina, C.B. *see* de Souza Filho, E.B. 102687
Jacobina, C.B. *see* Montero, L.R.R. 111913
Jacobina, C.B. *see* Ribeiro, L.A.S. 122009
Jacobina, C.B. *see* Ribeiro, R.L.A. 121576
Jacoboni, C. *see* Nedjalkov, M. 63528

Jacobs, A., Roska, T., Werblin, F. Methods for constructing physiologically motivated neuromorphic models in CNNs 83279
Jacobs, A. *see* Lotz, K. 83278
Jacobs, B. *see* Spoleder, F. 98921
Jacobs, B.A.J. *see* Jongenelis, A.P.J.M. 74297
Jacobs, B.C. *see* Franson, J.D. 119179
Jacobs, D.W. *see* Alter, T.D. 77311
Jacobs, D.W. *see* Williams, L.R. 86377
Jacobs, E.S. *see* Dai, D. 62301
Jacobs, E.W. *see* Chang, C.T. 96387
Jacobs, G.D., Benson, H., Friedman, R. Topographic EEG mapping of the relaxation response 120451
Jacobs, I. *see* Cheng, F. 109541
Jacobs, J.M. *see* Shannon, J.M. 89258
Jacobs, J.T. Range extension for electric vehicles 71854
Jacobs, K., Averill, R., Bradley, S., Carter, A., Dodson, G., Dow, K., Farkhondeh, M., Ihloff, E., Kowalski, S., McAllister, B., Sapp, W., Sibley, C., Sobczynski, S., Tieger, D., Tschalaer, C., Tsentalovich, E., Turchinetz, W., Zolfaghari, A., Zwart, T. Commissioning the MIT-Bates South Hall Ring 79916
Jacobs, K. *see* Bischoff, U. 68811
Jacobs, K. *see* Haas, S. 79092
Jacobs, K. *see* Neuberta, M. 74136
Jacobs, K. *see* Zwart, T. 79825
Jacobs, P. *see* Kim, K.J. 106488
Jacobs, R., Christopher, H., Hamlen, R., Rizzo, R., Paur, R., Gilman, S. Portable power source needs of the future Army–batteries and fuel cells 80703
Jacobs, R.J. *see* Berman, S.M. 71876
Jacobs, S. *see* Kordonski, W. 82784
Jacobsen, C. *see* Lindaas, S. 116755
Jacobsen, E., Baum, J. A dynamically compensated smart sensor system. I. The evolution 79323
Jacobsen, E., Loggins, B., Perraud, E., Baum, J. A dynamically compensated smart sensor system. II. The design 79381
Jacobsen, E., Loggins, B., Perraud, E., Baum, J. A dynamically compensated smart sensor system. III. Implementation 110088
Jacobsen, E.R., Segel, R.E., Bent, R.D., Brown, J.D., Hardie, G., Schneider, R., Sun, C., Berg, G.P.A., Blomgren, J., Chen, F.-J., Heimberg, P., Holmolka, J., Kurepin, A., Nann, H., Pancella, P., Rehm, K.E., Rinckel, T., Saber, M., Yu, Z., Zhuravlev, A. Measurement of high momentum transfer reactions by recoil detection at a cooler ring 69762
Jacobsen, F.L. *see* Nielsen, O.S. 119467
Jacobsen, F.M., Zarcone, M.J., Steski, D., Smith, K., Thieberger, P., Lynn, K.G., Throwe, J., Cholewa, M. Detection of heavy trace impurities in silicon 84184
Jacobsen, G. *see* Dallal, Y.E. 68388
Jacobsen, G. *see* Dallal, Y.E. 99544
Jacobsen, G. *see* Dallal, Y.E. 99545
Jacobsen, G. *see* Olofsson, L. 88454
Jacobsen, H. *see* Geuther, H. 74646
Jacobsen, H. *see* Mirande, W. 74645
Jacobsen, K.S., Bingham, J.A.C., Cioffi, J.M. Synchronized DMT for multipoint-to-point communications on HFC networks 78859
Jacobsen, M. *see* Tak Woon Yan 77962
Jacobsen, R. *see* Becker, R. 110615
Jacobsen, R.A. *see* Aiken, E.W. 120620
Jacobsen, R.G. *see* Mours, B. 100821
Jacobsen, R.G. *see* Mours, B. 120196
Jacobsen, S.M. *see* Tran, T.K. 75714
Jacobsen, T. *see* Juhl, M. 81806
Jacobsen, W. *see* Eickmans, J. 62485
Jacobsmeyer, J.M. *see* Wickert, M.A. 109524
Jacobson, B., DiPerna, R. Design of high voltage, high density series resonant converter with component parasitics 91619
Jacobson, B. *see* Gitkind, N. 75609
Jacobson, D.A. *see* Bayer, W. 81007
Jacobson, D.A.N., Swatek, D.R., Mazur, R.W. Mitigating potential transformer ferroresonance in a 230 kV converter station 121103
Jacobson, D.C. *see* Benton, J.L. 63235
Jacobson, D.C. *see* Benton, J.L. 63255
Jacobson, D.C. *see* Benton, J.L. 114863
Jacobson, D.C. *see* Cheng, J.Y. 105547
Jacobson, D.C. *see* Dutta, N.K. 100011
Jacobson, D.C. *see* Haynes, T.E. 105545
Jacobson, D.C. *see* Vuong, H.-H. 63251
Jacobson, D.M., Sangha, S.P.S. Novel applications of diffusion soldering 82189
Jacobson, D.M., Tetzlaff, B.A., Berg, R.L. Establishing an electroretinography laboratory according to an international standard 90493
Jacobson, G.P., Calder, J.A., Newman, C.W., Peterson, E.L., Wharton, J.A., Ahmad, B.K. Electrophysiological indices of selective auditory attention in subjects with and without tinnitus 101389
Jacobson, H. *see* Kudva, P. 83061
Jacobson, H. *see* Kudva, P. 84588
Jacobson, J. *see* Bobbio, S. 106287
Jacobson, J. *see* Goodwin-Johansson, S. 74981
Jacobson, M.D., Emery, W.J., Westwater, E.R. Oceanic wind vector determination using a dual-frequency microwave airborne radiometer theory and experiment 120794
Jacobson, R. The real work of teams 82131
Jacobson, R.E. *see* Ford, A.M. 79607
Jacobson, R.E. *see* Haine, N.J. 79606
Jacobson, V. *see* McCanne, S. 118123
Jacobsson, A.H. *see* Xiang, J. 94788
Jacobsson, R. *see* Hultqvist, K. 90195
Jacobsson, S. *see* Ehrnberg, E. 72163
Jacobsson, S. *see* Rickne, A. 72152
Jacobsson, S. *see* Tarasov, M. 73702
Jacobsson, S. *see* Vystavkin, A. 75349
Jacoby, R.S. *see* Englmeier, K.-H. 110734
Jacome, M.G., Director, S.W. A formal basis for design process planning and management 112851
Jacomet, M., Walti, R. A VLSI fuzzy processor with parallel rule execution 113896
Jacomet, M. *see* Dousse, C. 88305
Jacomino, M. *see* Crepaux-Motte, S. 104483
Jacovitti, G. *see* Scarano, G. 117489
Jacq, J.J. *see* Lecornu, L. 70070
Jacqmin, L.G. *see* Luche, J. 81280
Jacquemard, B. *see* Chehab, R. 89714
Jacquemin, P., Rodrigues, A.J., Vandendorpe, L. Performance of multi-h DS-CDMA in multipath Rayleigh fading channels with multi-user interference and uplink diversity 88322
Jacques, F. *see* Ory, J.-M. 119752
Jacques, P. *see* Abe, K. 69708
Jacques, P. *see* Abe, K. 69726
Jacquet, F. *see* Amiranoff, F. 79838
Jacquet, F. *see* Amiranoff, F. 89645
Jacquet, J. *see* Gurib, S. 116530
Jacquet, J. *see* Plais, A. 107318
Jacquier, B. *see* Bahtat, A. 116072
Jacquier, B. *see* Garapon, C. 92924
Jacquier, B. *see* Guy, S. 76203
Jacquot, C. *see* Massmann, P. 110526
Jacquot, C. *see* Pamela, J. 69697
Jacquot, J.P., Bouchet, J.L., Despujols, A., Dewailly, J., Martin-Mattei, C. Development of RCM methodology and tools for EDF nuclear power plants 71068
Jacquot, P. *see* Colonna de Lega, X. 110387
Jacunski, M.D., Shur, M.S., Hack, M. New interpretation of threshold voltage in polysilicon TFTs: a theoretical and experimental study 63706
Jacunski, M.D., Shur, M.S., Hack, M. Threshold voltage, field effect mobility, and gate-to-channel capacitance in polysilicon TFTs 105951
Jacunski, M.D. *see* Shur, M.S. 84397
Jadali, F. *see* Kinahan, P.E. 101113
Jadali, F. *see* Townsend, D. 80237
Jadhav, U.S., Kale, S.S., Lokhande, C.D. Doping effect of (Al and Co) on photoconducting properties of chemically deposited CdS films 116205
Jadid, S. *see* Monsef, H. 101711
Jadid, S. *see* Tabatabaei, N.M. 101708
Jadin, A. *see* Hanus, F. 92919
Jadoul, M., Van Ackere, M. Multimedia networks: the role of the network operator 118624
Jadoul, M. *see* Van Ackere, M. 118622
Jae Bin Lee *see* Yong Eui Lee 92810
Jae Chang Kim *see* Dae Hyun Ryu 67379
Jae Choong Han, Georghiades, C.N. Pilot symbol initiated optimal decoder for the land mobile fading channel 88155
Jae Doo Huh *see* Chang Doon Shin 118272
Jae Doo Huh *see* Kun Suk Kim 67691
Jae Eom Ick *see* Ick Jae Eom
Jae Gak Kim *see* Ki Hyung Kim 62676
Jae Gwan Park *see* Jei-Hwan Yoo 73371
Jae Heung Jo *see* Soo Chang 107703
Jae Ho Jeong, Tae Il Jeong, Sung Jo Kim An efficient scheduling mechanism using multiple thresholds for multimedia traffic in ATM networks 78223
Jae Ho Lee *see* Geun Sook Park 83125
Jae Ho Yoo, Gi Ho Yun, Yong Sung Jang, Han Kyu Park Computer-aided design of waveguide duplexer for K-band microwave digital radio system 73658
Jae Ho Yoo, Jeong Ha Lee, Kyung Ha Lee, Byeong Yeon Moon, Jin Jang Fabrication of high-quality SiO_2 by plasma-enhanced chemical-vapor deposition 104120
Jae Ho Yoo *see* Kyung Ha Lee 92904
Jae Hong han *see* Suh, K.S. 111602
Jae Hong Lee *see* Chaehag Yi 68063
Jae Hong Lee *see* Chanbum Park 118023
Jae Hong Lee *see* Dong Heon Shin 119147
Jae Hong Lee *see* Jin Young Kim 88095
Jae Hong Lee *see* Jin Young Kim 88115
Jae Hong Lee *see* Jin Young Kim 88298
Jae Hong Lee *see* Jin Young Kim 109502
Jae Hong Lee *see* Min-Goo Kim 64395
Jae Hong Lee *see* Min-Goo Kim 66293
Jae Hong Lee *see* Min-Goo Kim 66521
Jae Hong Lee *see* Min-Goo Kim 75620
Jae Hoon Jung *see* Kyung Ha Lee 92904
Jae Hoon Yum *see* Hwe Ihn Chung 67465
Jae Hwoon Lee, Chong Kwan Un Synchronous reservation protocol for variable-sized messages in WDM networks 87702
Jae Hwoon Lee, Chong Kwan Un Dynamic scheduling protocol for variable-sized messages in a WDM-based local network 88534
Jae Hyeok Han *see* Byung-Do Yoon 112456
Jae Hyeong Kim *see* Hee Soo Yang 72321
Jae Hyuk Park *see* Gi Hun Lee 66257
Jae Hyun Kim, Jong Kyn Lee Throughput analysis of CSMA/CA protocol for wireless LANs 118083
Jae Hyung Kim, Ho, P., Goud, P.A. Performance of binary CPM schemes in frequency selective fading channels with pilot symbol assisted detection 86033
Jae Hyung Lee, Hyung Jin Choi Capacity evaluation of S-ALOHA in microcell environment by Nakagami approximation 78464
Jae Jeong Eun *see* Deug Ju Lee 106874
Jae Jeong Kim *see* Byeong-Chan Kim 84249
Jae Jung Kim *see* Young Joon Song 119051
Jae Kim Sin *see* Sin Jae Kim
Jae Kyung Pan *see* Hee Ju Kim 109635
Jae Kyung Pan *see* Hyun Huh 77100
Jae Lee Ho *see* Ho Jae Lee
Jae Lee Hyuck *see* Hyuck Jae Lee
Jae Lee Hyung *see* Hyung Jae Lee
Jae Lee Kil *see* Kil Jae Lee
Jae Mook Kim *see* Myung Soo Han 104014
Jae Myung Seo *see* Jeong Won Kim 74472
Jae Oh Byun *see* Hong Jin Kong 65172
Jae Seong Byun *see* Sung Ki Kim 92844
Jae Shin Buhm *see* Buhm Jae Shin
Jae Soon Choi *see* Won Woo Choi 70236
Jae Suk Yang *see* Eng Chan Kim 115581
Jae Sul Shim *see* Shim Jae Sul
Jae Sung Lee, Hyung Ho Park, Jung Hee Lee, Yong Hyun Lee The interfacial properties of the annealed SiO_2-TiW structure 84239
Jae Wan Kim *see* Jie Hun Kang 83731
Jae Weon Choi Comment on “A new approach to robust fault detection and identification” 92314
Jae Woo Jeong, Sampei, S., Morinaga, N. Large Doppler frequency compensation techniques for DS/CDMA LEO mobile satellite communication systems 78562
Jae Yeong Kim, Moon Sang Kang, Yong Seo Koo, Chul An A study on the fabrication and its electrical characteristics of the Schottky diodes on the laser annealed poly-Si substrate 94899
Jae Yon Kim *see* Hong Seub Kim 82703
Jae Yong Lee *see* Hong Jin Kong 65172
Jae Young Kim *see* Suh, K.S. 64108
Jae Yu Soon *see* Soon Jae Yu
Jae Yun Sung *see* Sung Jae Yun
Jae-Bong Lim *see* Jun-Seok Park 114218
Jae-Choon Lee *see* Doo-Soo Ahn 97829
Jae-Chul Kim *see* Seong-Ho Han 102104
Jae-Duk Moon, Dae-Hee Lee, Jin-Gyu Kim Electrophysicochemical characteristics of a waterpen point discharge in atmosphere 106373
Jae-Geun Ha *see* Kyuno, K. 75195
Jae-Geun Kim *see* Hyeon-Sik Shin 118739
Jae-Geun Oh, Kil-Ho Lee, Byung-Jin Cho, Jong-Choul Kim Shallow p^+-n junction formation in a Si substrate by Ge pre-amorphization and additional RTA 105243
Jae-Gon Lee *see* Kyo Ho Moon 105970
Jae-Heung Shin, In-Chil Lim On the detection of faults on digital logic circuits using current sensor 83038
Jae-Heung Shin, In-Chil Lim On the detection of short faults in BiCMOS circuits using current path graph 83039
Jae-Ho Choi, Hoon-Sung Kwak New appraisal method for blocking effects in subimage coding 77218
Jae-Ho Choi *see* Hyo-Sung Kim 76358
Jae-Ho Hwang, Noh-Hoon Myung Design and fabrication of the 2.4 to 2.5 GHz voltage controlled oscillator using microstrip patch antenna 82991
Jae-Ho Song, Tae-Whan Yoo, Moon-Soo Park 10 Gbit/s timing recovery circuit using temperature compensated dielectric resonator filter 99533
Jae-Hoon Choi, Hyeong-Sun Hong, Yo-Hwan Koh, Gyoo-Yeong Lee, Han-Gu Kim, Han-Sub Yoon A quasi-three-dimensional analysis of ESD failure mechanism and a new ESD structure with rounded drain corner 115205
Jae-Hoon Jeong, Gyu-Hyeong Cho High efficiency and wide bandwidth class D switching amplifier with dual negative feedback 93155
Jae-Hyeon Gim *see* Wei-Jen Lee 81187
Jae-Hyuk Do *see* Jong-Tae Park 78115
Jae-Hyun Lee *see* Jun-Seok Park 114218
Jae-Hyung Kim, Han-Soo Kim, Min-Koo Han, Yearn-Ik Choi The modified HSINFET using the trenched hybrid injector 74764
Jae-Il Jung Quality of service in telecommunications. I. Proposition of a QoS framework and its application to B-ISDN 98800
Jae-Il Jung Quality of service in telecommunications .II. Translation of QoS parameters into ATM performance parameters in B-ISDN 98801
Jae-Jin Lee *see* Sang-Gi Kim 61253
Jae-Jin Shin, Jae-Kyoon Kim, Dan Keun Sung Characterization of variable bit rate video traffic as vector autoregressive processes 77676
Jae-Kong Kim *see* Shin, J. 88076
Jae-Kyoon Kim *see* Jae-Jin Shin 77676
Jae-Kyung Jung *see* Yoo-Sang Hwang 106317
Jae-Moon Chung, Nagata, T. Extraction of parametric descriptions of circular GCs from a pair of contours for 3-D shape recognition 67454
Jae-Moon Chung, Nagata, T. Binocular vision planning with anthropomorphic features for grasping parts by robots 77075
Jae-Moon Chung, Nagata, T. Stereo matching by spheres: recognizing 3-D shapes of circular GCs from a pair of contours 97918

Jae-Seok Gho *see* Gwon-Jong You 82012
Jae-Seung Lee Signal-to-noise ratio of spectrum-sliced incoherent light sources including optical modulation effects 119191
Jae-Shin Lee *see* Bo-Eun Kim 104724
Jae-Sop Kong *see* Nam-Hoon Jo 73521
Jae-Suk Lee *see* Yong Gun Shul 85653
Jae-Whan Kim, Joong-Shik Shin, Dang-Moon Wee, Kwangsoo No, Won-Jong Lee Composition control of lead zirconate titanate thin films in electron cyclotron resonance plasma enhanced chemical vapor deposition system 72939
Jae-Woo Kim *see* Maeng-Sub Cho 87067
Jae-Woo Yang, Youngjik Lee, Jin-H. Kim Multimedia spoken language translation 86128
Jae-Woong Yi, Jun-Ho Oh Estimation of depth and 3D motion parameter of moving object with multiple stereo images 77375
Jae-Yeal Nam *see* Han-Kyu Lee 77512
Jae-Yel Yi *see* Seong-Ju Park 61208
Jae-Young Leem *see* Hwack Joo Lee 82608
Jaeaeskelaeinen, S. *see* Adam, W. 69709
Jaechan Shim *see* Misoon Kim 118521
Jaechun Han, Keeyeol Na, Sungchul Lee, Yeongseuk Kim Programming characteristics of single-poly EEPROM 83103
Jaecklin, V.P. *see* Carrass, A. 114460
Jaecklin, V.P. *see* Marxer, C. 85084
Jaegemann, A. *see* Hinsch, E. 78133
Jaeger, J.C.De *see* De Jaeger, J.C.
Jaeger, N.A.F. *see* DeGroot, D.C. 114181
Jaeger, R.C. *see* Latham, M.S. 94919
Jaeger, R.C. *see* Richey, D.M. 63635
Jaeger, R.C. *see* Richey, D.M. 74708
Jaeger, R.C. *see* Vempati, L.S. 63625
Jaeger, R.C. *see* Vempati, L.S. 115156
Jaeger, R.C. *see* Wilamowski, B.M. 104761
Jaeger, W. *see* Rahmati, B. 72898
Jaegermann, W. *see* Lang, O. 114767
Jaegle, M., Steiner, K. Gas-sensitive GaAs-MESFETs 69361
Jaegle, P. *see* Zeitoun, Ph. 75781
Jaehee Lee *see* Sangho Yoon 106167
JaeHeung Kim *see* DongSeung Kwon 87367
Jaehong Park, Cheeha Kim An effective mean rate policing scheme: moving ceiling scheme 108789
Jaehong Park, Yongseok Yoon, Cheeha Kim An effective mean rate policing scheme: moving ceiling scheme 77658
Jaehong Shim, Kyunghee Choi, Dong Yoon Kim, Kangbin Yim, Jinkun Jung, Junho Shin, Gihyun Jung A real-time reconfigurable entrance control system 60531
Jaehoon Choi, Kyungwoo Lee, Sangseol Lee Electromagnetic scattering characteristics of a hyperbolic reflector antenna accounting for the UTD higher order diffraction 108037
Jaehwan Kim, Varadan, V.V., Varadan, V.K. Finite element modeling of active noise control with optimal placement of multiple actuators 106386
Jaehwan Kim, Varadan, V.V., Varadan, V.K., Xiao-Qi Bao Finite-element modeling of a smart cantilever plate and comparison with experiments 61458
Jaehyun Park, Kurz, L. Image enhancement using the modified ICM method 67087
Jaehyun Yeo *see* Sehun Kim 118981
Jaejin Lee, Chungyong Lee, Williams, D.B. Secure communication using chaos 76763
Jaejoon Choi, Minami, K., Esashi, M. Silicon angular rate sensor by deep reactive ion etching 106267
Jaejune Jang, Kan, E.C., So, L., Dutton, R.W. Parasitic characterization of radio-frequency (RF) circuits using mixed-mode simulation 114327
Jaek, I. *see* Hutt, G. 101465
Jaek, I. *see* Meijvogel, K. 110960
Jaekel, A., Jullien, G.A., Bandyopadhyay, S. A multilevel factorization technique for pass transistor logic 93339
Jaekel, B.W. Investigations on radio interference and power line carrier interference of a back-to-back converter 80996
Jaekel, C., Roskos, H.G., Kurz, H. Emission of picosecond electromagnetic pulses from optically excited superconducting bridges 115929
Jaekel, C. *see* Barth, R. 110163
Jaekyun Moon, Brickner, B. Maximum transition run codes for data storage systems 117200
Jaekyun Moon, Taehyun Jeon, Young-Joon Choi, Sang-Moon Lee, Yuag-Gil Kim BER performance comparisons in digital tape recording 75271
Jaekyun Moon *see* Brickner, B. 77001
Jaekyun Moon *see* Brickner, B. 115808
Jaekyun Moon *see* Nair, S.K. 106600
Jaemyoung Lee, Becker, M.F., Brock, J.R., Keto, J.W., Walser, R.M. Permalloy nanoparticles generated by laser ablation 115525
Jaenicke, R. High speed data transfer for embedded applications 93407
Jaeschke, E., Khan, S., Kramer, D., Schirmer, D. Status of the high brilliance synchrotron radiation source BESSY-II 100450
Jaeschke, E. *see* Kleffner, C.-M. 89724
Jaeschke, J.R. *see* Erkuan Zhong 121776
JaeSeog Yoon, Sangdon Lee, Bongryui Kim The evaluation of plasma damage on N_2O oxide and pure oxide 105668
Jaeseog Yoon *see* Sangdon Lee 105571
Jaeseok Kim *see* Jin-Jong Cha 68175
JaeSeok Kim *see* KyungHi Chang 78442
JaeSeok Kim *see* KyungHi Chang 88303
JaeSeok Kim *see* XuDuan Lin 77691
Jaewon Kim, Sung-Mo Kang A new triple-layer OTC channel router 104451
Jaewon Oh, Iksoo Pyo, Pedram, M. Constructing lower and upper bounded delay routing trees using linear programming 82862
Jaeyong Lee *see* Adeyeye, A.O. 75116
Jafar-Soltani-Zamani, Hassan-Nikhajoei, Saeid-Mirzai A more accurate model to predict the steady-state torque-speed characteristics of the static-Scherabius drives 112480
Jafari, S. *see* Dorn, L. 114435
Jafarkhani, H., Farvardin, N. Fast reconstruction of subband decomposed signals for progressive transmission 86731
Jafarkhani, H., Ligdas, P., Farvardin, N. Adaptive rate allocation in a joint source/channel coding framework for wireless channels 108184
Jaffe, J.M. The informatization of Japan: creating an information-society, or just good salesmanship? 87529
Jaffe, J.S. *see* Chandran, G. 76933
Jaffe, M. *see* Freeman, P.N. 74438
Jaffe, R.L. *see* Lin, K. 114752
Jaffery, T. *see* Burgett, W. 79856
Jaffery, T.S., Butteris, J., Wake, M. Automated methods of field harmonic signal extraction and processing for the magnets in Superconducting Supercollider 100462
Jaffrezic, H. *see* Baccar, Z.M. 63236
Jaffrezic-Renault, N. *see* Baccar, Z.M. 63236
Jaffrezic-Renault, N. *see* Poyard, S. 119748
Jafroudi, H. *see* Freedman, M. 80378
Jagadeesh, J.M. *see* Amini, A. 70082
Jagadeesh, J.M. *see* Lichorwic, D.J. 70137
Jagadish, C. *see* Egan, R.J. 75590
Jagadish, C. *see* Hawker, P. 83932
Jagadish, C. *see* Kim, Y. 114737
Jagadish, C. *see* Krotkus, A. 74250
Jagadish, C. *see* Leon, R. 105384
Jagadish, C. *see* Li, G. 61173
Jagadish, C. *see* Li, G. 74147
Jagadish, C. *see* Li, G. 114858
Jagadish, C. *see* Li, G. 114887
Jagadish, C. *see* Tan, H.H. 61211
Jagadish, C. *see* Tan, H.H. 64993
Jagadish, C. *see* Tan, H.H. 105245
Jagadish, H.V. *see* Panagos, E. 77935
Jagannath, S., Bala, K., Mihail, M. Hierarchical design of WDM optical networks for ATM transport 88474
Jagannathan, B. *see* Wallace, R.L. 112376
Jagannathan, R. Eu^{3+} luminescence in $BiSr_2V_3O_{11}$– A potential red phosphor? 85264
Jagannathan, R. *see* Agi, I. 86594
Jagannathan, R. *see* Kottaisamy, M. 95978
Jagannathan, S. *see* Dozer, D.M. 115871
Jagannathan, V., Almasi, G., Suvaiala, A. Collaborative infrastructures using the WWW and CORBA-based environments 118501
Jagathesan, S., Kehtarnavaz, N., Rastegar, S., Motamedi, M., Torres, J. Ultrasound imaging to track the advance of coagulation front in laser irradiated tissue 80469
Jagdhold, U. *see* Bauch, L. 105799
Jagdhold, U. *see* Zeindl, H.P. 114733
Jagdish, S., Biswas, P.K., Mukherjee, J., Chatterji, B.N. Surface characterization and parameter estimation for industrial vision system 77220
Jager, C.de *see* de Jager, C.
Jager, C.W.De *see* De Jager, C.W.
Jager, D., David, G. Two dimensional imaging of fields in monolithic integrated circuits using optical techniques 73799
Jager, D., David, G. MMIC characterization using electro-optic field mapping 83520
Jager, D. *see* Berini, P. 116086
Jager, D. *see* David, G. 62360
Jager, D. *see* David, G. 93892
Jager, D. *see* David, G. 104862
Jager, D. *see* Deming Liu 69222
Jager, D. *see* Kremer, R. 62316
Jager, D. *see* Kremer, R. 83454
Jager, D. *see* Kremer, R. 83482
Jager, D. *see* Massini, C. 99588
Jager, J., Osterberg, H. Using DECT for radio in the local loop 88137
Jager, K. *see* Bers, K. 88701
Jager, M., Stegeman, G.I., Horsthuis, W.H.G., Mohlmann, G.R., Flipse, M.C. Efficient second harmonic generation in polymeric channel waveguides using modal dispersion 107525
Jager, M., Stegeman, G.I., Mohlmann, G.R., Flipse, M.C., Diemeer, M.B.J. Second harmonic generation in polymeric channel waveguides using modal dispersion 116662
Jager, M. *see* Otomo, A. 107586
Jager, U. *see* Fageth, R. 117553
Jager-Waldau, A. *see* Ogawa, Y. 63274
Jagersand, M. A scale decomposed information measure in images 77155
Jagersand, M., Fuentes, O., Nelson, R. Acquiring visual-motor models for precision manipulation with robot hands 67315
Jagger, J. *see* Gorski, A. 89792
Jaggi, A.L., Kumar, M., Gupta, V.K. Voltage control in real time operation 70772
Jagher, P.C.De *see* De Jagher, P.C.
Jagiello, A.S., Matras, A. Simulation of commutator DC-machine with short-circuit in armature winding 81481
Jagielski, S. *see* Akesson, T. 69833
Jagla, E.A. *see* Lopez, D. 75323
Jagpal, P. *see* Spooner, N.J.C. 100840
Jaguiro, P. Electrochemiluminescence observation and measurements of electrohydrodynamic streams 106990
Jaguiro, P. *see* Lazarouk, S. 94577
Jaguiro, P. *see* Lazarouk, S. 96036
Jagust, W.J. *see* Klein, G.J. 90447
Jahan, M.M., Anwar, A.F.M. An exact current partitioning and its effect on base transit time in double heterojunction bipolar transistors 74710
Jahanian, F. *see* Dawson, S. 108845
Jahanian, F. *see* Wu-Chi Feng 99784
Jahn, A. Keeping flexible: Hicom cordless telephones allow flexibility and offer a host of features 87633
Jahn, E., Agrawal, N., Ehrke, H.-J., Pieper, W., Franke, D., Furst, W., Weinert, C.M. Monolithically integrated nonlinear interferometers for all-optical switching 96072
Jahn, E. *see* Ludwig, R. 78784
Jahn, G. *see* Beneder, M. 112631
Jahn, H. Image segmentation with a layered graph network 77363
Jahn, L., Schumann, R., Rodewald, W. Magnetic viscosity of modified neodymium iron boron magnets with high coercivities 64475
Jahn, M. *see* Knuttgen, D. 90530
Jahn, R. *see* Albers, D. 69756
Jahn, U. *see* Kwok, S.H. 63035
Jahnes, C. *see* Datta, M. 60636
Jahnes, C.V. *see* Frankel, G.S. 74595
Jahng Wong Sang *see* Wong Sang Jahng
Jahng Woong Sang *see* Woong Sang Jahng
Jahnke, B., Kohlmeyer, A. First 220 kV XLPE cable installation with prefabricated joint sleeves in Germany 81084
Jahnke, B., Kohlmeyer, A., Memmer, H. Commercial 220 kV XLPE cable with prefabricated joints in Germany 91181
Jahnke, F., Schneider, H.C., Koch, S.W. Ultrashort dynamic response of vertical-cavity surface-emitting quantum well lasers 96341
Jahnke, F., Schneider, H.C., Koch, S.W. Combined influence of design and carrier scattering on the ultrafast emission dynamics of quantum well microcavity lasers 96396
Jahns, J., Sinzinger, S. Wide planar-optical interconnect for processor-memory communication 87776
Jahns, J. *see* Sinzinger, S. 85178
Jahns, T.M. *see* Deodhar, R.P. 71258
Jahromi, M.R.S. *see* Godara, L.C. 66783
Jahromi, M.R.Sayyah *see* Sayyah Jahromi, M.R.
Jai Chul Song, Hyung Jin Choi The performance of symbol timing algorithm for multi-level modulation scheme 117141
Jai Ho Choi, Saito, K., Yokota, T., Watanabe, A. High-energy Al implantation techniques for power semiconductor devices 105573
Jai Krishna Gautam, Kumar, A., Saxena, R. Corrections to and comments on "Minimum-bias windows for high-resolution spectral estimates" by Athanasios Papoulis 66670
Jai Yon Ryu *see* Young Bong Kang 95085
Jai-Hoon Sim *see* Jei-Hwan Yoo 73371
Jai-Hyung Lee *see* See-Hyung Lee 92767
Jai-Sop Hyun, Kwang Sub Yoon A 3 V-50 MHz analog CMOS current-mode high frequency filter with a negative resistance load 93574
Jai-Sop Hyun, Yoon, K.S. Design of a 3 V-50 MHz analog CMOS current-mode NRL filter 104693
Jai-Yong Lee *see* Jang-Woo Son 77624
Jai-Yong Lee *see* Wonhong Cho 87701
Jai-Young Lee *see* Kwang-Sup Kim 121853
Jaillot, F. *see* Caer, D. 66168
Jaime-Rivas, R., Pineda-Castillo, J., Ibarra-Zannatha, J.M. Texture discrimination through fractal geometry 117644
Jaimes-Romero, F.J., Munoz-Rodriguez, D., Tekinay, S. Channel assignment in cellular systems using genetic algorithms 109521
Jain, A. Cell planning in mobile communication 99270
Jain, A., Gupta, R., Thompson, P., Wanderer, P. Skew quadrupole in RHIC dipole magnets at high fields 90037
Jain, A., Rawat, N.K., Mogane, S. Wireless connectivity using spread spectrum overlay 109132
Jain, A. *see* Chakrabarti, D.R. 61760
Jain, A. *see* Chakrabarti, D.R. 93327
Jain, A. *see* Greene, A. 90033
Jain, A. *see* Gupta, A. 110130
Jain, A. *see* Gupta, R. 90038
Jain, A. *see* Gupta, R. 95577
Jain, A. *see* Healey, G. 86449
Jain, A. *see* Healey, G. 101581
Jain, A. *see* Morgillo, A. 100448
Jain, A. *see* Panchanathan, S. 108711
Jain, A. *see* Thompson, P. 100412
Jain, A. *see* Trbojevic, D. 89911
Jain, A. *see* Wanderer, P. 89783
Jain, A. *see* Wei, J. 79946
Jain, A.K. *see* Bin Yu 117598
Jain, A.K. *see* Gokmen, M. 86451

Jain, A.K. *see* Gronowski, P.E. 73468
Jain, A.K. *see* Jianchang Ma 77469
Jain, A.K. *see* Karu, K. 98313
Jain, A.K. *see* Murni, A. 87051
Jain, A.K. *see* Ratha, N.K. 98100
Jain, A.K. *see* Ratha, N.K. 98226
Jain, B.P., Tandle, D.M., Talesara, V.K., Jain, R.K., Gulati, R. MBE growth of hot electron injector Gunn diode structure using linearly graded Al$_x$Ga$_{1-x}$As 104855
Jain, D.K., Mittal, A.P., Singh, B. Advanced controlled series compensated self-excited induction generator 111982
Jain, F., Huang, W. Modeling of optical gain in InGaN-AlGaN and In$_x$Ga$_{1-x}$N-In$_y$Ga$_{1-y}$N quantum-well lasers 65284
Jain, F.C. *see* Gokhale, M.R. 103855
Jain, J. *see* Mukherjee, R. 93322
Jain, J. *see* Narayan, A. 92496
Jain, K.K. *see* Kumar, A.V.R. 85544
Jain, K.P. *see* Verma, P. 62721
Jain, L.C. *see* Rathore, T.S. 61661
Jain, L.C. *see* Rathore, T.S. 73117
Jain, L.C. *see* Vonk, E. 83285
Jain, M., Weidner, J.W. Effect of hydrogen diffusion and charge-transfer on metal hydride discharge curves 71658
Jain, M. *see* Kasapi, A. 65113
Jain, M.K. *see* Mohanty, R.K. 72663
Jain, M.K. *see* Mohanty, R.K. 92624
Jain, N. Microwave circuit design utilizing efficient use of electromagnetic modeling of circuit elements 73687
Jain, N., Onno, P. High power 6-18 GHz H/V switch designed in channelized wafer scale fabrication process 83536
Jain, N. *see* Caverly, R.H. 73727
Jain, N. *see* Landolsi, M.A. 118961
Jain, N. *see* Molina, C. 109527
Jain, N.K. Group formation mechanisms for transactions in Isis 67574
Jain, N.K., Nangia, U., Wadhwa, C.L. Investigations on multiobjective optimal load flow study by sequential goal programming 120959
Jain, P. A hybrid high frequency AC power distribution architecture for telecommunication systems 112130
Jain, P., Vincenti, D., Jin, H. An optimized single-phase AC power supply with DC bus synchronization 71469
Jain, P. *see* Bhatia, D. 72549
Jain, P. *see* Bhatia, D. 92541
Jain, P. *see* Daniele, M. 121589
Jain, P. *see* Moschopoulos, G. 71420
Jain, P. *see* Moschopoulos, G. 121569
Jain, P.K., St-Martin, A., Edwards, G. Asymmetrical pulse-width-modulated resonant DC/DC converter topologies 71485
Jain, P.K. *see* Ghosh, S. 83765
Jain, P.K. *see* Ghosh, S. 114540
Jain, R., Alwan, A., Gerla, M., Kleinrock, L., Villasenor, J., Belzer, B., Boring, W., Molloy, S., Nazareth, S., Siqueira, M., Short, J., Tsai, J. Multimedia wireless networking 87669
Jain, R., Brodersen, R.W. VLSI in mobile communications 99341
Jain, R. *see* Katkere, A. 77970
Jain, R. *see* Moezzi, S. 68915
Jain, R. *see* Moezzi, S. 68921
Jain, R. *see* Moezzi, S. 99794
Jain, R. *see* Mujumdar, A. 113887
Jain, R. *see* Rao, S.J. 62640
Jain, R. *see* Santini, S. 86434
Jain, R.K., Jain, S. Inverse Gaussian distribution and its application to reliability 92429
Jain, R.K. *see* Dobal, P.S. 116481
Jain, R.K. *see* Dobal, P.S. 116485
Jain, R.K. *see* Jain, B.P. 104855
Jain, R.K. *see* Mehta, S.K. 107340
Jain, S., Gea, H.G. PCB layout design using a genetic algorithm 62451
Jain, S. *see* Jain, R.K. 92429
Jain, S.C. Recent advances in producing patterned orientation of liquid crystals 95855
Jain, S.C., Maes, H.E., Pinardi, K., De Wolf, I. Stresses and strains in lattice-mismatched stripes, quantum wires, quantum dots, and substrates in Si technology 74368
Jain, S.C., Pinardi, K., Harker, A.H., Willander, M., Maes, H.E., Mertens, R.P. Stresses in selectively grown III-V semiconductor stripes and buried quantum wire lasers: effect on optical properties 83953
Jain, S.C., Pinardi, K., Maes, H. Unified FE calculations of stresses in LOCOS, stripes and quantum device heterostructures 105376
Jain, S.C., Willander, M., Maes, H. Stresses and strains in epilayers, stripes and quantum structures of III-V compound semiconductors 62899
Jain, S.C. *see* Atkinson, A. 83801
Jain, S.C. *see* De Wolf, I. 115320
Jain, S.C. *see* Kitzerow, H.-S. 96810
Jain, S.C. *see* Pinardi, K. 105267
Jain, S.K. *see* Bindal, V.N. 101617
Jain, S.K. *see* Gupta, R. 80660
Jain, S.R., Kumar, A., Kalia, V.C., Satyanarayana, T., Joshi, A.P. Biodegradation of organic wastes to fuel gases by microbial fermentation 111720
Jain, V.K. *see* Franques, V.T. 86752
Jain, V.K. *see* Franques, V.T. 117732
Jain, V.K. *see* Franques, V.T. 117782
Jain, V.K. *see* Gupta, A. 110130
Jain, V.K. *see* Li, H.D. 117390
Jain, V.K. *see* Singh, Y.N. 68349
Jain Mu *see* Perlin, P. 107006
Jainandunsing, K. *see* Chen, Z. 98955
Jaing Cheng-Chung *see* Cheng-Chung Jaing
Jairam, K.L. Reliability and reliability prediction in optoelectronic devices and fibre 78747
Jairam, K.L. Optical sources and detectors 119176
Jairazbhoy, V. Prediction of equilibrium shapes and pedestal heights of solder joints for leadless chip components 73868
Jaishankar, T.V. *see* Khare, R.P. 119710
Jaisimha, M.Y., Riskin, E.A., Ladner, R., Stuetzle, W. Model based restoration of document images for OCR 66886
Jaisson, D. Bandstop filter combines CPW and microstrip lines 62195
Jaisson, D. A suspended bridge for coplanar waveguides 73629
Jaisson, D. Design microstrip components with a dielectric cover without buying additional software 73665
Jaisson, D. Quasi-static model for circular transmission lines 93676
Jaiwang, P. *see* Sriyudthsak, M. 79578
Jaiyong Lee *see* Cheul Shim 78045
Jaja, J. *see* Bader, D.A. 77289
Jaja, J. *see* Fallah-Adl, H. 77463
Jaja, J. *see* Fallah-Adl, H. 101582
Jaja, J.F. *see* Acharya, T. 86087
Jaja, J.F. *see* Acharya, T. 117202
Jajodia, S. *see* Ray, I. 78017
Jajoo Vasant, D. *see* Gurumurthy, B.N. 109603
Jajszczyk, A., Jekel, G. Call repacking in cellular mobile systems 109471
Jajszczyk, A. *see* Czarnecki, P. 87601
Jajszczyk, A. *see* Czarnecki, P. 98565
Jak, M.J.G. *see* Kelder, E.M. 113532
Jakab, E., Huaying Huai, Xiansheng Nie, Meuzelaar, H.L.C. On-line GC-MS techniques for monitoring high-pressure conversion reactions 110433
Jakab, P.D. *see* Williamson, D.S. 69998
Jakabovic, J. *see* Kovac, J. 100046
Jakeman, E. *see* Jordan, D.L. 100351
Jaker, K.-P. *see* Castiglioni, G. 91699
Jakimiec, J. *see* Siarkowski, M. 77460
Jakimovich, V.N. *see* Gorobets, V.A. 116358
Jakob, B., Pasztor, G., Cerri, A., Vanini, F. The fabrication and properties of Nb$_3$Sn superconductors by the internal tin process 95420
Jakob, B. *see* Blau, B. 95527
Jakob, G., Teichmann, J., Berkermann, U., Schiffner, G. Measurement of the optical losses of CO$_2$-laser components 107112
Jakob, G. *see* Frey, U. 95441
Jakob, G. *see* Gelautz, M. 111099
Jakob, W. *see* Suss, W. 79326
Jakobs, A., Hommel, D., Landwehr, G. Optimization of the waveguide properties for ZnSe laser diodes 75954
Jakobs, A. *see* Hommel, D. 75944
Jakobs, K., Procter, R., Williams, R. Standardisation of global telecommunication services–expertise or market shares? 98550
Jakobs, K. *see* Berger, M.O. 118880
Jakobs, K. *see* Braunschweig, W. 120173
Jakobsen, K.B. *see* Pedersen, N.V. 68473
Jakobsen, M.L., Easson, W.J., Greated, C.A., Glass, D.H. Particle image velocimetry: simultaneous two-phase flow measurements 110448
Jakobsson, A. *see* Stoica, P. 108330
Jakobsson, M., Sako, K., Impagliazzo, R. Designated verifier proofs and their applications 76823
Jakobsson, M., Yung, M. Proving without knowing: On oblivious, agnostic and blindfolded provers 97501
Jakobsson, P. *see* Frennesson, C. 70252
Jakobus, T. *see* Lutjering, G. 105431
Jakobus, U., Landstorfer, F.M. Application of Fock currents for curved convex surfaces within the framework of a current-based hybrid method 65773
Jakoby, B., Baghai-Wadji, A.-R. Analysis of bianisotropic layered structures with laterally periodic inhomogeneities–an eigenoperator formulation 65759
Jakoby, B., Olyslager, F. Quasistatic asymptotics of dynamic Green dyadics for general bianisotropic media 76329
Jakovlev, E.B. *see* Veiko, V.P. 106907
Jaksic, A., Ristic, G., Pejovic, M. Analysis of the processes in power MOSFETs during γ-ray irradiation and subsequent thermal annealing 94990
Jaksic, M., Bogdanovic, I., Bogovac, M., Fazinic, S., Galassini, S., Kovacevic, K., Manfredotti, C., Vittone, E. Testing of radiation detectors by IBIC imaging 100822
Jakubenja, S.N. Measurement of nonequilibrium charge carrier lifetime by a contactless microwave phase method 74108
Jakubiec, L. *see* Allemand, M. 73243
Jakubovics, J.P. *see* Aharoni, A. 115520
Jakubovics, J.P. *see* Daykin, A.C. 119840
Jakubovics, J.P. *see* Ng, D.H.L. 75112
Jakubowicz, A. *see* Chernyak, L. 105107
Jakubowski, A. *see* Jurczak, M. 106005
Jakubowski, A. *see* Nowak, B. 106045
Jakumeit, J., Ravaioli, U., Hess, K. Calculation of hot electron distributions in silicon by means of an evolutionary algorithm 114564
Jakuschev, A.K. *see* Chtchoupak, O.S. 76095
Jakwani, A.Y. *see* Perunicic, B. 102324
Jalabert, R.A. *see* Richter, K. 105280
Jalade, J. *see* Berriane, R. 82913
Jalali, B. *see* Coppinger, F. 95940
Jalali, B. *see* Naval, L. 69183
Jalali, B. *see* Trinh, P.D. 64761
Jalali, B. *see* Yegnanarayanan, S. 64880
Jalali, B. *see* Yoon, T. 113762
Jalali, D. *see* Abedi, M. 102129
Jalali, D. *see* Golkar, M.A. 101890
Jalali, S. *see* Hedin, R. 70777
Jalderot, P. *see* van Deventer, M.O. 88496
Jaldhag, R.T.K., Johansson, J.M., Davis, J.L., Elosegui, P. Geodesy using the Swedish permanent GPS network: effects of snow accumulation on estimates of site positions 101517
Jalenak, W. *see* Feit, Z. 75938
Jalics, S. *see* Parakka, A.P. 75110
Jalink, A., McAdoo, J., Halama, G., Hong Liu CCD mosaic technique for large-field digital mammography 80264
Jalkio, J. *see* Mysore, A. 99970
Jallard, T. Workgroup switching: the need for speed 78081
Jallepalli, S. *see* Hasnat, K. 94956
Jallet, L. *see* Abou Chahine, S. 69003
Jallet, L. *see* Gasmi, A. 93866
Jallet, L. *see* Huyart, B. 69465
Jalocha, A. *see* Bertrand, S. 100071
Jalocha, A. *see* Ruiter, A.G.T. 99935
Jalonen, M. *see* Toivonen, M. 92778
Jalovaara, P. *see* Jamsa, T. 90281
Jalowiecki, I.P. *see* Dislis, C. 73909
Jalsovszky, G. *see* Cantin, J.L. 94259
Jam, C. *see* Parsi, K. 75263
Jamal, K., Dahlman, E. Multi-stage serial interference cancellation for DS-CDMA 109512
Jamal, K. *see* Dahlman, E. 118898
Jamal, R. VISA–a new input-output software standard for VXI systems 119551
Jamal, S. *see* Vithana, H. 69399
Jamal, S.H. *see* Chen, J. 110283
Jamal, S.H. *see* Flynn, M.F. 89442
Jamalipour, A., Katayama, M., Yamazato, T., Ogawa, A. Transmit permission control scheme for spread-slotted ALOHA in LEO satellite communication systems 78612
Jamani, Y. *see* Freundorfer, A.P. 83366
Jamani, Y. *see* Freundorfer, A.P. 83444
Jamba, D.M. *see* Rajavel, R.D. 82697
Jambazian, P. *see* Tench, D.M. 94064
Jambi, K., Shamsan, R. An experimental approach for recognizing handwritten Arabic words 86863
Jambor, J. *see* Reznik, V. 102403
Jambunathan, K. *see* Ju Xiangyang 119950
Jamelot, G. *see* Rus, B. 116314
Jamelot, G. *see* Zeitoun, Ph. 75781
James, A.L. Key issues [metering security issues] 102305
James, D.A., Norris, W.T. Series compensation using power electronic switches: the sercom 80759
James, D.J.G. *see* Smith, C.A. 81331
James, D.J.G. *see* Smith, C.A. 102434
James, D.J.G. *see* Smith, C.A. 111776
James, E.J. A practical approach to high resolution printing [thick films] 83636
James, G.C., Bird, T.S. Design of a shaped reflector antenna with a dual-band feed 66079
James, G.F. *see* Yamamoto, R.M. 90187
James, G.H., Carne, T.G., Veers, P.S. Damping measurements using operational data [of wind turbines] 111870
James, G.L. *see* Bird, T.S. 76620
James, G.L. *see* Cooray, F.R. 66097
James, G.L. *see* Granet, C. 68826
James, J.R. *see* Bamford, L.D. 66148
James, J.W. *see* Kluepfel, H.M. 118502
James, K.B. *see* Rongching Dai 80421
James, M., Rickwood, D.H. Experience with VRLA batteries and economical arrangements for higher reliability in UPS applications 81728
James, M.P., Ashworth, S.P., Glowacki, B.A. Correlation between cold deformation and microcrack formation in BSCCO-2223 powder in tube superconductor 106673
James, R. *see* Tozer, R. 122088
James, R.B. *see* Chen, H. 114600
James, R.B. *see* Lund, J.C. 80154
James, R.B. *see* Lund, J.C. 100829
James, R.B. *see* Lund, J.C. 110575
James, R.B. *see* McGregor, D.S. 80153
James, R.B. *see* Schieber, M. 110578
James, R.D., Mendola, J.B. Ultra-wideband sensor for range-finding and communication 69080
James, R.D., Mendola, J.B. Ultra-wideband technology for vehicle-to-vehicle communication and sensing 90876
James, R.D., Wuttig, M. Alternative smart materials 92976
James, R.G. The future infrastructure for commerce and social interaction: Ending the tyranny of distance, place and organisation 87527
James, R.O. *see* Chamberlain, F.R. 119841
James, S.D. *see* Smith, P.H. 91896

James, S.W., Dockney, M.L., Tatam, R.P. Simultaneous independent temperature and strain measurement using in-fibre Bragg grating sensors 79438
James, S.W. *see* Dockney, M.L. 69198
James, W.J. *see* Hu, Z. 64318
James, W.J. *see* Hu, Z. 75134
James, W.J. *see* Hu, Z. 115510
James, W.J. *see* Luo, H. 115511
James, W.J. *see* Marasinghe, G.K. 64214
James, W.J. *see* Yelon, W.B. 75101
James, W.J. *see* Yelon, W.B. 115547
Jameson, A.R., Durden, S.L. A possible origin of linear depolarization observed at vertical incidence in rain 80657
Jameson, A.R., Murphy, M.J., Krider, E.P. Multiple-parameter radar observations of isolated Florida thunderstorms during the onset of electrification 88703
Jameson, A.R. *see* Kwiatkowski, J.M. 90772
Jameson, A.R. *see* Rincon, R.F. 111188
Jameson, D.G., Hobsley, M., O'Hanlon, P., Buckton, S. Video-teaching on high performance networks 88855
Jameson, J. New media: the likely development path and future regulatory requirements 108894
Jameson, P. *see* Parulski, K. 89149
Jameson, P. *see* Parulski, K. 100130
Jameson, R. *see* Iskander, M.F. 92096
Jamet, J.P. *see* Groot Koerkamp, M. 75172
Jamet, M. *see* Dujardin, G. 63342
Jamieson, D.N. *see* Gonon, P. 114563
Jamieson, D.N. *see* Walker, S.R. 94232
Jamieson, D.N. *see* Weiser, P.S. 72828
Jamieson, G. *see* Sokola, M. 111952
Jamieson, N. *see* Eggers, M. 69338
Jamin, T. *see* Tassin, N. 112209
Jamison, K. *see* Chin, R. 100054
Jamkar, R.G. *see* Kahalekar, S.G. 120252
Jammes, B. *see* Biel, D. 121660
Jammy, R. *see* Balachandran, U. 84865
Jamoussi, B.N., Bowman, M., Metzner, J.J., Adams, W.S. A framework for traffic characterization of LAN internetworks 109026
Jampel, M. *see* Shankar, A. 93042
Jamrozik, M., Gowdy, J. Enhanced quality modified multiband excitation model at 2400 bps 97659
Jamsa, T., Jalovaara, P. A cost-effective, accurate machine for testing the torsional strength of sheep long bones 90281
Jamshidi, S., Cotner, C.B. Communications performance of the INTELSAT VII and VIIA satellites 99445
Jan, C.-H. *see* Ingerly, D.B. 83992
Jan, E., Flanagan, J. Microphone arrays for speech processing 86157
Jan, G.J., Chen, J., Kuo, C.H., Lin, T.F., Pan, K.T., Lin, G., Hsu, K.T. Prototype bunch killer system at SRRC 100545
Jan, G.J. *see* Chen, J. 89940
Jan, G.J. *see* Wang, C.J. 100578
Jan, J. *see* Novotny, M. 83230
Jan, L.C. *see* Liaw, C.M. 102529
Jan, P. *see* Brillault, B. 110022
Jan, S.-C., Jeng, S.-K. Propagation modeling using hybrid SBR, image, and UTD method in urban environments 97148
Jan, W.Y. *see* Collings, B.C. 96180
Jan, W.Y. *see* Knox, W.H. 65146
Jan, W.Y. *see* Woodward, T.K. 78867
Jan, W.Y. *see* Woodward, T.K. 85333
Jan, W.Y. *see* Woodward, T.K. 88610
Jan, Y.-H., Heimbuch, M.E., Coldren, L.A., DenBaars, S.P. InP/InGaAsP grating-assisted codirectional coupler tunable receiver with a 30 nm wavelength tuning range 109618
Jan, Y.-H. *see* Wei, S.-W. 98927
Jan Cheng-Geng *see* Cheng-Geng Jan
Jan Gwo-Jen *see* Gwo-Jen Jan
Jan Lang *see* Lang Jan
Jan Shing Su *see* Rong Tay Hsu 63779
Jan-Bin Lio *see* Mu-Shen Lin 103151
Jan-Dar Guo *see* Chun-Yi Chai 63113
Jan-Min Chen *see* Lung-Hsiung Wang 87938
Janaki, M.S., Dasgupta, B. Eigenmodes in a toroidal cavity of elliptic cross section 93694
Janakiramaiah, N. *see* Gangadhar, B.N. 120480
Janardan, E.G., Gajendran, F., Nambisan, P.M.S. State feedback using artificial neural network for speed control of DC motor 112005
Janardan, R. *see* Lopez, M.A. 106129
Janardhanan, P. *see* Basha, A.M. 102240
Janas, D., Dahlhans, R. A frequency domain bootstrap for time series 103602
Janas, E. *see* Debski, A. 118229
Janchen, H. *see* Zuber, A. 119899
Janda, R.S. *see* Auerbach, S.P. 111409
Jander, A., Indeck, R.S., Brug, J.A., Nickel, J.H. A model for predicting heating of magnetoresistive heads 115709
Jander, A. *see* Brug, J.A. 64422
Jander, A. *see* Dhagat, P. 75223
Jandhyala, V., Michielssen, E., Mittra, R. A sparse multiresolution technique for fast capacitance computation 62370
Jandrell, I.R. *see* Bhutt, S. 95261
Jandrell, I.R. *see* Bhutt, S. 95262
Jandrell, I.R. *see* Dickson, A.E. 102207
Jandrell, I.R. *see* Nielsen, S.D. 81614
Jandrell, I.R. *see* Phillips, A.J. 100263
Jandzinski, D.A., Stafford, J.W., Huang, P.M. Multilayer PTFE circuits for RF applications 73681
Janer, C.L., Quero, J.M., Ortega, J.G., Franquelo, L.G. Fully parallel stochastic computation architecture 97795
Janes, D.B. *see* Keh-Ching Huang 62401
Janes, D.B. *see* Kolagunta, V.R. 84314
Janes, D.B. *see* Roychowdhury, V.P. 104772
Janes, M.C. A review of the development of technology assessment 92120
Janesick, J. *see* Pawley, J. 110199
Janesick, J.R. *see* Blouke, M.M. 100119
Janet, J.A., White, M.W., Chase, T.A., Luo, R.C., Sutton, J.C. Pattern analysis for autonomous vehicles with the region-and feature-based neural network: global self-localization and traffic sign recognition 86783
Janez, L. *see* De Blas, P. 110867
Janezic, M.D. *see* Jargon, J.A. 100289
Jang, C. *see* Balasubramanian, N. 113434
Jang, D. *see* Long Tran 83463
Jang, D. *see* Tran, L. 83442
Jang, D. *see* Tran, L. 83453
Jang, D. *see* Tran, L. 83481
Jang, D.H., Shin, Y.J., Oh, S.M. Dissolution of spinel oxides and capacity losses in 4 V Li/$Li_xMn_2O_4$ cells 102951
Jang, D.H. *see* Cho, H.S. 116555
Jang, D.H. *see* Jeong, J. 85530
Jang, D.H. *see* Lee, Y.M. 82236
Jang, D.H. *see* Lee, Y.M. 82276
Jang, D.H. *see* Park, K.H. 119246
Jang, D.H. *see* Yoshida, J. 65235
Jang, D.J. *see* McCahon, S.W. 114797
Jang, G.-J. *see* Kim, K.-Y. 115072
Jang, H.G. *see* Yoon, Y.S. 95636
Jang, J. *see* Choi, H.S. 94421
Jang, J. *see* Park, M. 105723
Jang, J. *see* Wook Hyoung Lee 94286
Jang, J.-S. *see* Ji, C.-H. 118742
Jang, J.H. *see* Kim, H. 95934
Jang, J.S. *see* Yoon, M. 79864
Jang, K.-H. *see* Choi, H.-S. 113453
Jang, K.H. *see* Choi, H.S. 94421
Jang, S. Packaging of photonic devices using laser welding 72295
Jang, S.-H. *see* Kim, K. 83162
Jang, S.-H. *see* Lee, S. 87158
Jang, S.J. *see* Park, J.T. 115352
Jang, W.-J. *see* Kimura, S. 79680
Jang, Y.-F., Kao, J.-N., Huang, P.-C. VLSI architecture and implementation of a high speed 2-D DCT core processor 61927
Jang, Y.S. *see* Kim, J.H. 95171
Jang Byung-Tak *see* Byung-Tak Jang
Jang Chan Geun *see* Chan Geun Jang
Jang Dae Young *see* Dae Young Jang
Jang Daeyoung *see* Daeyoung Jang
Jang Dhong-Woon *see* Dhong-Woon Jang
Jang Guang-Way *see* Guang-Way Jang
Jang Gyu Lee *see* Chang Wan Jeon 113233
Jang Gyu Lee *see* Chansik Park 68763
Jang Hee Chu *see* Sungkyu Yu 85573
Jang Hyung-Woo *see* Hyung-Woo Jang
Jang Ick Hoon *see* Ick Hoon Jang
Jang Jaejune *see* Jaejune Jang
Jang Jin *see* Jin Jang
Jang Jong-Kook *see* Jong-Kook Jang
Jang Ju-Seog *see* Ju-Seog Jang
Jang Keun-Ho *see* Keun-Ho Jang
Jang Kyung Dong *see* Kyung Dong Jang
Jang KyungHun *see* KyungHun Jang
Jang Lak Hyun *see* Lak Hyun Jang
Jang Lingyun, Huang Mautzai, Chang Shihlin Working conditions on designing an X-ray phase plate using three-beam dynamical diffraction 69902
Jang Min *see* Min Jang
Jang Park Mann *see* Mann Jang Park
Jang Seok-Myeong *see* Seok-Myeong Jang
Jang Sheng-Lyang *see* Sheng-Lyang Jang
Jang Si-Yeoul *see* Si-Yeoul Jang
Jang Sung J. *see* Sung J. Jang
Jang Yong Sung *see* Yong Sung Jang
Jang Youngbeom *see* Youngbeom Jang
Jang Yungsoo *see* Yungsoo Jang
Jang Yungtaek *see* Yungtaek Jang
Jang-Cheng Hsieh *see* Chii-Wen Chen 74724
Jang-Cheol Seo, Tae-Hyun Kim, Jong-Keun Park, Seung-Ill Moon An LQG based PSS design for controlling the SSR in power systems with series-compensated lines 80916
Jang-Gyu Lee *see* Ick-Ho Whang 76891
Jang-Ho Chung *see* In-Gil Park 74993
Jang-Hun Yeh, Kostuk, R.K. Free-space holographic optical interconnects for board-to-board and chip-to-chip interconnections 96064
Jang-Jong Fan, Keh-Yih Su An improved preprocessing algorithm for FS multiple pattern matching 77488
Jang-Joo Kim, Wol-Yon Hwang Design considerations of electro-optic polymer waveguide devices 85089
Jang-Joo Kim, Wol-Yon Hwang, Taehyoung Zyung Design and fabrication of nonlinear optical polymer waveguide devices 75549
Jang-Joo Kim *see* Taehyoung Zyung 76161
Jang-Joo Kim *see* Wol-Yon Hwang 64813
Jang-Joo Kim *see* Wol-Yon Hwang 106861
Jang-Joo Kim *see* Young-Eun Kim 96006
Jang-Mok Kim, Kitae Park, Seog-Joo Kang, Seung-Ki Sul, Jung-Lock Kwon Improved dynamic performance of interior permanent magnet synchronous motor drive in flux-weakening operation 121972
Jang-Ping Sheu *see* Gwo-Jong Yu 108515
Jang-Rae Kim *see* Tae-Sung Jung 73344
Jang-Sung Chun, Hyun-Kyo Jung, Joong-Suk Yoon Shape optimization of closed slot type permanent magnet motors for cogging torque reduction using evolution strategy 111889
Jang-Sung Chun, Hyun-Kyo Jung, Joong-Suk Yoon Optimal design of stator slot of closed slot type permanent magnet motors for cogging torque reduction 111891
Jang-Sung Chun, Min-Kyu Kim, Hyun-Kyo Jung, Sun-Ki Hong Shape optimization of electromagnetic devices using immune algorithm 97001
Jang-Sung Chun *see* Dong-Joon Sim 102677
Jang-Sung Chun *see* Sun-Ki Hong 95340
Jang-Woo Son, Jun-Ho Lee, Jai-Yong Lee, Sang-Bae Lee A dynamic resource allocation algorithm based on multiple traffic class structure in ATM networks 77624
Jangbom Chai, Lyon, R.H. Determination of component motions in a motor-operated valve using housing vibration 91697
Jangid, D.R., Raina, N., Sen, A. Kinematics of radionuclide ventriculographic iso-count contours (Xi; i=1,2,3,...,n) and quasi-3-dimensional (x,ϕ,z*) cardiac wall motion analysis (q3D-CWMA) 120380
Jangseob Lim *see* Lim Jangseob
Jangyeon Park, Yanghee Choi Rate-based flow control scheme considering queue dynamics 77706
Jani, M. *see* Hart, D.W. 65151
Janiak, K., Niggebrugge, U. Investigation of macroscopic uniformity during CH_4/H_2 reactive ion etching of InP and improvement using a guard ring 94809
Janicke, L., Kost, A. Error estimation and adaptive mesh generation in the 2D and 3D finite element method 65634
Janicke, L., Merte, R., Kost, A., Nakata, T., Takahashi, N., Fujiwara, K., Muramatsu, K. Numerical modelling for anisotropic magnetic media including saturation effects 95336
Janicke, L. *see* Zwingel, R. 81453
Janiczek, R. *see* Mikrut, M. 82124
Janier, M. *see* Gregoire, M.-C. 101324
Janig, C. Ecological-economic reorganisation of a communal electricity supply undertaking–presented using as an example the Unna city power station 80852
Janik, W. *see* Dwilinski, R. 92943
Janin, Y., Feuillard, G., Teston, F., Levassort, F., Lethiecq, M. Simple measurement method for determining surface acoustic wave velocities 110463
Janin, Y. *see* Feuillard, G. 119602
Janisch, H.N. *see* Globerman, S. 67657
Janischewskyj, W. *see* Memari, A.R. 91198
Janischewskyj, W. *see* Motoyama, H. 85789
Janischowsky, K. *see* Stockel, R. 72921
Janiszewski, J.M. Cellular networks design 118828
Janiszewski, P., Walczyna, A.M. Analysis of harmonics generated by chopper-inverter locomotive fed from 3 kV DC system 112509
Janiszewski, S., Zalucki, Z. Expansion of cathode spots in diffuse vacuum arcs 62562
Janiszowski, K. *see* Wislicki, K.R. 121980
Janjua, N.U. Need for biomedical engineering educational program in Pakistan 120253
Jank, G. *see* Freiling, G. 82367
Janke, B. *see* Wurfl, J. 104885
Jankiewicz, Z. *see* Chrzanowski, K. 69121
Jankiewicz, Z. *see* Jabczynski, J.K. 107681
Jankiewicz, Z. *see* Zendzian, W. 107170
Jankovic, M. *see* Ghosh, B.K. 97982
Jankowski, T., Kwapisz, M. Convergence of numerical methods for systems of neutral functional-differential-algebraic equations 72735
Jann, A., Ben-Aryeh, Y. Quantum-noise reduction in semiconductor lasers 65275
Janne-Hua Wu *see* Chien-Jen Wang 72769
Janne-Wha Wu *see* Chun-Yi Chai 63114
Janne-Wha Wv *see* Chun-Yi Chai 63113
Jannet, B. *see* Pelz, R.M. 78486
Janney, C.G. *see* Heiberg, E.V. 80285
Janniello, F.J. *see* Green, P.E., Jr. 77947
Janning, H. *see* Zengerle, R. 107263
Jannot, B. *see* Khatib, D. 75032
Jannson, T. *see* Kostrzewski, A. 108287
Janocha, H. *see* Mueckklich, F. 72981
Janocko, M.A. *see* Talisa, S.H. 84929
Janocko, M.A. *see* Talisa, S.H. 93774
Janos, M., Canning, J., Sceats, M.G. Incoherent scattering losses in optical fibre Bragg gratings 75460
Janos, M. *see* Canning, J. 64647
Janos, M. *see* Canning, J. 75490
Janos, M. *see* Canning, J. 75492
Janos, M. *see* Canning, J. 99554
Janoska, M.W., Todd, T.D. A single-hop wavelength routed LAN/MAN architecture 87749
Janosy, Z. *see* Valimaki, V. 79198
Janousek, M. *see* Kock, W. 81833
Janout, Z. *see* Ball, J. 120096
Janout, Z. *see* Briancon, C. 69880

Janovsky, V., Plechac, P. Local numerical analysis of Hopf bifurcation 82536
Jans, W., Ziegenbein, J. Comparison of the conventional and the multi aspect side scan sonar concept 68726
Jansak, L., Chovanec, F., Kokavec, J., Jergel, M. Critical current anisotropy and AC losses in Bi(Pb)SrCaCuO-2223 and TlBaCaCuO-2212 Ag sheathed superconducting tapes 95407
Jansak, L. *see* Hlasnik, I. 95412
Jansche, A. *see* Fraile-Ordonez, J.M. 79054
Jansche, A.M., Fraile-Ordonez, J.N. Navigation and integrity monitoring: a system analysis 90726
Janse, A. *see* Noordegraaf, A.V. 101393
Janse van Rensburg, D.J. *see* Romanowska, E.M. 68642
Jansen, B., Roos, C., Terlaky, T., Vial, J.-P. Long-step primal-dual target-following algorithms for linear programming 103682
Jansen, E., Dorsch, O., Obermeier, E., Kulisch, W. Thermal conductivity measurements on diamond films based on micromechanical devices 89540
Jansen, E.D. *see* Pratisto, H. 101412
Jansen, E.J. *see* Staring, A.A.M. 96384
Jansen, E.J. *see* Thijs, P.J.A. 107280
Jansen, E.J. *see* Tiemeijer, L.F. 76024
Jansen, E.J. *see* Tiemeijer, L.F. 76036
Jansen, E.J. *see* Tiemeijer, L.F. 76037
Jansen, E.J. *see* Tiemeijer, L.F. 96385
Jansen, F. *see* Miyaoka, R.S. 90425
Jansen, F.A. *see* van den Berg, M.L. 106054
Jansen, H., de Boer, M., Elwenspoek, M. The black silicon method. VI. High aspect ratio trench etching for MEMS applications 74940
Jansen, H. *see* Berenschot, E. 74944
Jansen, K. *see* Carlson, D.E. 112360
Jansen, M. *see* Mawst, L.J. 107295
Jansen, M. *see* Mellis, G. 102285
Jansen, M. *see* Napp-Zinn, H. 62090
Jansen, M.G. *see* Prasad, R. 88321
Jansen, R.H. Computer aided design of microwave and millimeterwave integrated circuits–progress during the last decade and future perspectives 93909
Jansen, R.H. *see* Engels, M. 93880
Jansen, R.H. *see* John, A. 62338
Jansen, R.H. *see* John, A. 83506
Jansen, R.H. *see* Tadjiky, S. 83505
Jansen, R.W. *see* Chubb, S.R. 111289
Jansen, S.C.L. *see* van der Wel, W. 104820
Jansen, W.J. *see* Diepenhorst, M. 62138
Jansen, W.J. *see* Keegstra, H. 104758
Jansen van Doorn, A.K., van Exter, M.P., Woerdman, J.P. Elasto-optic anisotropy and polarization orientation of vertical-cavity surface-emitting semiconductor lasers 96323
Jansing, E.D. *see* Ahmed, M. 86717
Jansky, I. *see* Borisov, N.S. 120104
Janson, M. *see* Mikkelsen, B. 88637
Janson, M. *see* Pedersen, R.J.S. 68503
Janssen, C.L. *see* Allendorf, M.D. 61422
Janssen, D. *see* Collier, W.A. 110244
Janssen, G. *see* Bertenburg, R.M. 88623
Janssen, G. *see* Meykens, K. 92741
Janssen, G. *see* Van Waasen, S. 104866
Janssen, G.C.A.M. *see* Jongste, J.F. 63216
Janssen, G.J.M. A dual-signal receiver for narrowband DPSK modulation with co-channel interference cancellation 78479
Janssen, G.J.M., Stigter, P.A., Prasad, R. Wideband indoor channel measurements and BER analysis of frequency selective multipath channels at 2.4, 4.75, and 11.5 GHz 119053
Janssen, G.J.M. *see* 't Hart, B.W. 78356
Janssen, G.M.J. *see* van der Wijk, F. 88363
Janssen, H. *see* Van Dooren, R. 61045
Janssen, H.J., de Cooman, G., Kerre, E.E. First results for a mathematical theory of possibilistic processes 103605
Janssen, J., Vandewalle, S. Multigrid waveform relaxation on spatial finite element meshes: the continuous-time case 61037
Janssen, J.D. *see* Gijsen, F.J.H. 120337
Janssen, M., Catthoor, F., De Man, H. A specification invariant technique for regularity improvement between flow-graph clusters 72485
Janssen, M. *see* Mandolesi, N. 99703
Janssen, M. *see* Smoot, G.F. 99702
Janssen, M.A., Lawrence, C.R. Primordial Structure Investigation (PSI): a low-cost space mission to image the intermediate-scale cosmic background anisotropy 99706
Janssen, T.W.J. *see* Herr, C.J. 70177
Janssen, V. ESxS-K1: Attractively priced Windows software for EMC measurements 85901
Janssen, V. In house or contracted testing for EMC? 107956
Janssen, W. Refining knowledge oriented actions to layered implementations 98479
Janssens, G.K. Analysis of the input to a buffer storage in front of a packet switch 108758
Janssens, J. *see* Andrioli, A. 120281
Janssens, N., Van Craenenbroeck, T., Van Dommelen, D., Van De Meulebroeke, F. Direct calculation of the stability domains of three-phase ferroresonance in isolated neutral networks with grounded neutral voltage transformers 90947
Janssens, N. *see* Van Craenenbroeck, T. 101701
Janssens, P. *see* Chen, J.D.Z. 117402
Jansson, A. *see* Ekstroem, C. 69681
Jansson, B., Friis, T., Stovring-Hallsson, S. Kontek HVDC interconnection 81003
Jansson, C., Ringh, U., Liddiard, K. Theoretical analysis of pulse bias heating of resistance bolometer infrared detectors and effectiveness of bias compensation 69303
Jansson, C. *see* Liddiard, K.C. 69298
Jansson, M. *see* Goransson, B. 117484
Jansson, M. *see* Onnegren, J. 68455
Jansson, R. *see* Gang Jin 100149
Jansson, U. *see* Ljungberg, K. 63371
Jansson, U. *see* Ljungberg, K. 63383
Jansson, U. *see* Lundberg, N. 63570
Jansson, U. *see* Lundberg, N. 105882
Janszky, J. *see* Vinogradov, A.V. 79738
Jantarang, S. *see* Pookaiyaudom, S. 104261
Jantsch, A. *see* Oberg, J. 93601
Jantsch, A. *see* Svantesson, B. 98407
Jantsch, W. *see* Ostermayer, G. 64897
Jantsch, W. *see* Widmer, T. 61186
Jantsch, W. *see* Wilamowskzi, Z. 62884
Jantz, W. *see* Rupp, R.A. 116776
Jantzi, S.A., Martin, K.W., Sedra, A.S. The effects of mismatch in complex bandpass $\Delta\Sigma$ modulators 104411
Janucki, J. *see* Jabczynski, J.K. 107166
Januszko, A. *see* Miniewicz, A. 107623
Janwa, H., Moreno, O. McEliece public key cryptosystems using algebraic-geometric codes 66480
Janwa, H., Moreno, O. McEliece public key cryptosystems using algebraic-geometric codes 97464
Jany, C., Foulon, F., Bergonzo, P., Brambilla, A., Silva, F., Gicquel, A., Pochet, T. Influence of the crystalline structure on the electrical properties of CVD diamond films 82739
Jany, C. *see* Foulon, F. 85252
Janyszek, J. Access to networking and supercomputing services in academic and research community of Wroclaw 109114
Janz, C.F., Gulisano, A.M., Walker, R.G. Improved fibre coupling to GaAs/AlGaAs rib waveguides using a regrowth-free mode 'drive-down' technique 64768
Janz, S., Akano, U.G., Mitchell, I.V. Nonlinear optical response of As^+-ion implanted GaAs studied using time resolved reflectivity 74127
Janz, V.E. *see* Barabanov, I.R. 110568
Janzen, D. *see* Furstenau, N. 70420
Janzen, E., Kordina, O. Recent progress in epitaxial growth of SiC for power device applications 104053
Janzen, E. *see* Bakin, A.S. 104165
Janzen, E. *see* Hallin, C. 104135
Janzen, E. *see* Hallin, C. 105477
Janzen, E. *see* Hallin, C. 105712
Janzen, E. *see* Henry, A. 105225
Janzen, E. *see* Ivanov, I.G. 114865
Janzen, E. *see* Konstantinov, A. 64911
Janzen, E. *see* Konstantinov, A.O. 104047
Janzen, E. *see* Kordina, O. 94428
Janzen, E. *see* Kordina, O. 103913
Janzen, E. *see* Marinova, T. 83970
Janzen, E. *see* Tuominen, M. 103819
Janzen, E. *see* Yakimova, R. 103980
Janzen, J.W., Hanestad, R.J. Extension of polish pad lifetime using wafer backpressure 84182
Janzen, J.W. *see* McKee, W.R. 93387
Janzura, M. Maximum pseudo-likelihood estimators for multivariate discrete exponential distributions 92396
Janzura, M., Koski, T., Otahal, A. Minimum entropy of error estimation for discrete random variables 76688
Jaouen, L. *see* Tassy, I. 107059
Jaque, D. *see* Huang, X. 95712
Jaquet, I. *see* Charpentier, G. 99112
Jar-Ferr Yang *see* Hsien-Tsai Wu 117458
Jara Perez, M., Machaca Luque, W., Damiani, F. Design of a 4×4 Kohonen neural net–VHDL description 93645
Jarabo, S., Alvarez, J.M. Experimental verification of analytic modeling of erbium-doped silica fiber amplifiers pumped at 1480 nm 107144
Jarabo, S. *see* Rebolledo, M.A. 65089
Jaracz, K. Sensitivity of the rolling mill driving system on the random disturbances 91975
Jaraiz, M. *see* Gilmer, G.H. 72843
Jarasiunas, K., Mizeikis, V., Sudzius, M., Subacius, L., Grigoras, K., Simkiene, I. Investigation of photoelectrical properties and carrier transport in porous silicon structures by the transient grating technique 94294
Jarc, B. *see* Korosec, K. 104710
Jarczyk, L. *see* Brauksiepe, S. 100815
Jardim, R.F., Westphal, C.H., Cohenca, C.H., Ben-Dor, L., Maple, M.B. Magnetic properties of polycrystalline $Sm_{2-x}Ce_xCuO_{4-y}$ at high magnetic fields 84854
Jardim Goncalves, R.R. *see* Barata, M.M. 110016
Jardin, P. Supporting scalability and flexibility in a distributed management platform 118227
Jardin, S.C. *see* Mondino, P.-L. 64567
Jardine, A.K.S. *see* Okumura, S. 92310
Jardini, J.A., Tahan, C.M.V., Ahn, S.U., Ferrari, E.L. Distribution transformer loading evaluation based on load profiles measurements 121129
Jarecki, S. *see* Gennaro, R. 86073
Jarecki, S. *see* Gennaro, R. 97499
Jarema, F.E. Road traffic monitoring activity in the United States 99855
Jaren, J. *see* Calero, J. 89547
Jarett, K., O'Neill, P., Kibria, M., Raffel, M., Williams, R. System capacity simulation for an IS-136 personal base station 109559
Jarett, K., Raffel, M., Kibria, M., Williams, R., Lee, T. System design for an autonomous IS-136 personal base station 109558
Jargon, J.A., Janezic, M.D. Measuring complex permittivity and permeability using time domain network analysis 100289
Jargon, J.A. *see* Marks, R.B. 83510
Jaric, M. *see* Bernadas, S. 79200
Jark, W., Di Fonzo, S., Lagomarsino, S., Cedola, A., di Fabrizio, E., Bram, A., Riekel, C. Properties of a submicrometer X-ray beam at the exit of a waveguide 120243
Jark, W. *see* Lagomarsino, S. 69896
Jarlemark, P.O.J. *see* Dodson, A.H. 76418
Jarlskog, G. *see* Alvsvaag, S.J. 90124
Jarman, R.H. Novel optical fiber lasers 75831
Jarmolik, A. *see* Dabrowski, R. 100391
Jarnot, R.F., Cofield, R.E., Waters, J.W., Flower, D.A., Peckham, G.E. Calibration of the Microwave Limb Sounder on the Upper Atmosphere Research Satellite 120779
Jarnot, R.F. *see* Fishbein, E.F. 120780
Jarnot, R.F. *see* Froidevaux, L. 120781
Jarnstrom, R. *see* Halin, M. 71061
Jaro, G., Ladvanszky, J., Zolomy, A., Aitchison, C.S., Baranyi, A., Berceli, T., Liang, J.Y. Noise minimization in photodiode-driven distributed amplifiers 104354
Jaros, M. *see* Herbert, D.C. 94903
Jaros, M. *see* Presting, H. 64975
Jaros, M. *see* Presting, H. 116267
Jarosch, U.-K. Adaptive metal mirror for high power CO_2 lasers 116595
Jaroshevich, A.S. *see* Bolkhovityanov, Yu.B. 74137
Jarosz, B.J. Feasibility of ultrasound hyperthermia with waveguide interstitial applicator 120502
Jaroszewicz, L.R. Angular velocity measurements in Sagnac interferometer 110186
Jaroszewicz, T. *see* Bleszynski, E. 116854
Jaroszewicz, Z. *see* Forastiere, M.A. 95804
Jaroszynski, D. *see* Glotin, F. 107383
Jaroszynski, D. *see* Ortega, J.M. 107394
Jaroszynski, D. *see* Piovella, N. 96500
Jaroszynski, D. *see* Prazeres, R. 96468
Jaroszynski, D.A., Prazeres, R., Glotin, F., Marcouille, O., Ortega, J.M. Coherent harmonic production using a two-section undulator FEL 96565
Jaroszynski, D.A., Prazeres, R., Glotin, F., Marcouille, O., Ortega, J.M., Oepts, D., van der Meer, A.F.G., Knippels, G.M.H., van Amersfoort, P.W. Step-tapered operation of the FEL: efficiency enhancement and two-colour operation 107399
Jaroszynski, D.A. *see* Ciesla, C.M. 105348
Jaroszynski, D.A. *see* Knippels, G.M.H. 65385
Jaroszynski, J., Wrobel, J., Sawicki, M., Skoskiewicz, T., Karczewski, G., Wojtowicz, T., Kossut, J., Dietl, T., Kamitiska, E., Papis, E., Piotrowska, A. Conductance fluctuations in nanostructures of doped CdTe and $Cd_{1-x}Mn_xTe$ epilayers 105421
Jaroszynski, J. *see* Godlewski, M. 74403
Jaroszynski, J. *see* Stoger, G. 62958
Jaroszynski, R. *see* Velasco, G. 92077
Jarratt, J.D., Barnard, J.A. Structural evolution in sputtered $Co_{90}Fe_{10}/Ag$ giant magnetoresistance multilayers 75169
Jarratt, J.D., Barnard, J.A. The transition between granular and discontinuous GMR in sputtered $Co_{90}Fe_{10}/Ag$ multilayers 115643
Jarrett, C.P., Pichler, K., Newbould, R., Friend, R.H. Transport studies in C_{60} and C_{60}/C_{70} thin films using metal-insulator-semiconductor field-effect transistors 62698
Jarrin, K. VINCE implementation of OAM cell support 87567
Jarrin, K.M. *see* Martinez, R. 109257
Jarron, P., Anghinolfi, F., Delagne, E., Dabrowski, W., Scharfetter, L. A transimpedance amplifier using a novel current mode feedback loop 104359
Jarron, P. *see* Faccio, F. 106018
Jarry, B. *see* Billonnet, L. 62306
Jarry, B. *see* Brucher, A. 104882
Jarry, B. *see* Cenac, C. 62353
Jarry, B. *see* Delmond, M. 83499
Jarry, B. *see* Delmond, M. 114063
Jarry, P., Kerherve, E., El Hendaoui, H., Tertuliano, H. CAD of microwave integrated active filters by the real frequency: computer program FREELCD 73535
Jarry, P. *see* Gentner, J.-L. 63314
Jarry, P. *see* Gentner, J.-L. 105633
Jarry, P. *see* Peyre, J.L. 94811
Jarry, P. *see* Tanne, G. 62199
Jarske, P. *see* Hongnian Xing 119045
Jarske, P. *see* Tchamov, N. 104400
Jarske, P. *see* Tchamov, N.T. 93889
Jarusiewic, P., Jr. *see* Read, B.C. 120625
Jarventausta, P., Verho, P., Karenlampi, M., Partanen, J. An automatic telephone answering machine system for customers' trouble calls–a new DMS function of the intelligent control center 102096

Jarventausta, P. *see* Karenlampi, M. 102118
Jarventausta, P. *see* Paulasaari, H. 102103
Jarventausta, P. *see* Verho, P. 70898
Jarventausta, P. *see* Verho, P. 102097
Jarvinen, H. *see* Toivonen, M. 90661
Jarvinen, K. *see* Rousseau, E. 99141
Jarvinen, V.M., Kupari, M.M., Poutanen, V.-P., Hekali, P.E. A simplified method for the determination of left atrial size and function using cine magnetic resonance imaging 80278
Jarvis, B.J., Kewley, D.J. Fuzzy logic application to multi-sensor data fusion processing for OTHR performance assessment 68657
Jarvis, B.J. *see* Ignetik, R. 68681
Jarvis, H. *see* Decker, F.-J. 100691
Jarvis, J.L. *see* Campion, S.D. 82567
Jarvis, R. Synchronised search multiple camera edge based stereopsis ranging with colour/intensity verification 86844
Jarvis, R. *see* Bab-Hadiashar, A. 87091
Jarzabek, B., Weszka, J., Burian, A., Pocztowski, G. Optical properties of amorphous thin films of the Zn-P system 105201
Jarzebowski, L. *see* Majkusiak, B. 84504
Jarzembski, M.A., Srivastava, V., Chambers, D.M. Lidar calibration technique using laboratory-generated aerosols 70473
Jarzembski, M.A. *see* Rothermal, J. 70472
Jaschinski, H. VISA–a software architecture for virtual measurements 119540
Jasinski, J. *see* Tan, H.H. 64993
Jasinski, J. *see* Walukiewicz, W. 114639
Jasinski, M.F. Estimation of subpixel vegetation density of natural regions using satellite multispectral imagery 70547
Jasinski, R. The wave of the future for flex 83620
Jasiukiewicz, C. *see* Gancza, W.M. 74355
Jaske, E.J., Picard, J.A., Taskinen, P. Ground fault monitoring using leakage current measurement 91243
Jaskie, J.E. Diamond-based field-emission displays 100252
Jasko, E. *see* Drake, A.E. 69052
Jaskorzynska, B., Vanin, E.V., Helmfrid, S., Asseh, A. Gain saturation and pump depletion in high-efficiency distributed-feedback rare-earth-doped lasers 107161
Jasmin, C. *see* Nussbaum, G.H. 69995
Jasmon, G.B. *see* Moghavvemi, M. 81044
Jasmon, G.B. *see* Mohamed, A. 101687
Jasmon, G.B. *see* Rahman, T.K.A. 81050
Jaso, M.A. *see* Gambino, J.P. 63457
Jason, A. *see* Wang, T. 89991
Jason, A.J. Linac-driven spallation-neutron source 90101
Jason, A.J. *see* Barlow, D.B. 90056
Jaspan, B. Dual-workfactor encrypted key exchange: efficiently preventing password chaining and dictionary attacks 117224
Jasper, C. *see* Ashwell, G.J. 76248
Jasper, L.J., Jr. *see* Funk, E.E. 99100
Jasper, L.J., Jr. *see* Lee, C.H. 96088
Jaspers, B.C., van Dongen, B.A.M., Monaster, G.A., van Roosmalen, J.A.M., Plaisier, K.H., Schoonman, J. Hollow electrode loose plate SOFC design [illegible]
Jaspers, C. *see* Wiegerink, R. 68847
Jasti, C. *see* Dienes, A. 65411
Jastrabik, L. *see* Sicha, M. 113494
Jastrzebski, A.K. Characterisation and modelling of temperature and dispersion effects in power MESFETs 63791
Jastrzebski, A.K. *see* Callaghan, P. 93911
Jastrzebski, A.K. *see* Shi, K. 73674
Jastrzebski, J. Network evolution–access network 98916
Jastrzebski, L., Ostapenko, S., Henley, W., Schielieu, D., Nowak, G., Lagowski, J. Improvement of diffusion length in photovoltaic poly-silicon by various gettering approaches 112347
Jastrzebski, L. *see* Burke, P. 84112
Jastrzebski, L. *see* Ostapenko, S. 62683
Jastrzebski, L. *see* Ostapenko, S. 84019
Jasutis, V. *see* Balevichius, S. 115973
Jaswal, S.S. *see* Sabirianov, R.F. 75102
Jaszczak, R.J., Gilland, D.R., McConnick, J.W., Scarfone, C., Coleman, R.E. The effect of truncation reduction in fan beam transmission for attenuation correction of cardiac SPECT 101285
Jaszczak, R.J. *see* Bowsher, J.E. 120300
Jaszczak, R.J. *see* Gilland, D.R. 101128
Jaszczak, R.J. *see* Gilland, D.R. 101282
Jaszczak, R.J. *see* Huili Wang 101133
Jaszczak, R.J. *see* Jianying Li 70062
Jaszczak, R.J. *see* Johnson, E.L. 101203
Jaszczak, R.J. *see* McCormick, J.W. 101171
Jaszczak, R.J. *see* Smith, M.F. 101251
Jaszczak, R.J. *see* Wang, H. 101256
Jaszczuk, Z. Integration of services in multimedia private networking with Hicom 300 99022
Jaszczuk, Z. ISDN telecommunication system Hicom 300 in banking applications 99023
Jaszek, R. *see* Harris, J.J. 63767
Jatko, W.B. *see* Ferrell, R.K. 120614
Jau Chia-Wei *see* Chia-Wei Jau
Jau-Der Shih *see* Greenberg, R.I. 93030
Jau-Ho Jean, Shen, J.-I. Binary crystallizable glass composite for low-dielectric multilayer ceramic substrate 92968
Jau-Ho Jean *see* Gupta, T.K. 62255
Jau-Hsiung Huang *see* Ing-Chau Chang 87925
Jau-Hwang Ho *see* Bing-Yue Tsui 105665
Jau-Yien Lee *see* Liang-Ying Liu 97478
Jauhar, S. *see* Kouwenhoven, L.P. 105407
Jaunart, E., Crahay, P. Technical and techno-economical dimensioning of HFC networks for distributive and interactive services 67939
Jaunart, E., Crahay, P. ATM SuperPON capacity dimensioning 118672
Jaunart, E. *see* Froidure, J.-C. 68909
Jaunart, E. *see* Rebolledo, M.A. 65089
Jaureguizar, F. *see* Ronda, J.I. 86543
Jaureguy, J.-C. *see* Buisson, J. 105846
Jaushin Lee, Patel, J.H. Hierarchical test generation under architectural level functional constraints 104417
Jaussaud, C. *see* Bano, E. 105512
Jaussaud, C. *see* Bano, E. 105513
Jaussaud, C. *see* Baud, L. 105476
Jaussaud, C. *see* Di Cioccio, L. 74508
Jaussaud, C. *see* Riehl-Chudoba, M. 63304
Jaussi, L., Barcelo, J.-M., Louis, S., Casals, O. Experimental evaluation of CDV impact on ATM resource management 118238
Jauzi, M.Zuhdan *see* Zuhdan Jauzi, M.
Javadi, H.H.S. Composite material behavior under applied electric field: material switches to a high-resistive state 92960
Javadi, H.H.S., Bowen, J.G., Rascoe, D.L., Romanofsky, R.R., Chorey, C.M., Bhasin, K.B. Jet Propulsion Laboratory/NASA Lewis Research Center space qualified hybrid high temperature superconducting/semiconducting 7.4 GHz low-noise downconverter for NRL HTSSE-II program 93778
Javadpour, S. *see* Kim, J.D. 89094
Javadpour, S. *see* Michel, E. 82601
Javan, H., Rayaravivarma, V. Optimal synthesis of digital counter 104530
Javan, H., Spurlin, J. Integration of computer aided design to transmission line technology 107970
Javidi, B. The role of optics and photonics in encryption, anti-counterfeiting, and security systems (Parts I and II) 67115
Javidi, B., Guanshen Zhang, Jian Li Experimental demonstration of the random phase encoding technique for image encryption and security verification 117207
Javidi, B., Jian Li Real-time compact optoelectronics neural networks for face recognition 117630
Javidi, B., Jun Wang Position-invariant two-dimensional image correlation using a one-dimensional space integrating optical processor: application to security verification 117751
Javidi, B., Li, J. Neural networks-based face recognition using Fourier plane nonlinear filters 75634
Javidi, B., Wang, J. An optimum distortion invariant filter for detecting a noisy distorted target in non-overlapping background noise 117717
Javidi, B. *see* Grycewicz, T.J. 75578
Javidi, B. *see* Grycewicz, T.J. 117753
Javidi, B. *see* Refregier, P. 77188
Javidi, B. *see* Willett, P. 117716
Javor, K. *see* Driver, D.E. 97161
Javorek, M. *see* Ban, J. 69810
Javornik, T., Kandus, G. Simulation of modified multi-amplitude CPM communication systems 97430
Javornik, T., Kandus, G., Mohorcic, M. Non-coherent detection of MACPM modulation techniques in mobile radio channel environment 78478
Javurek, C.G. *see* Palais, J.C. 60454
Jaw, S.-J., Fenton, J.M., Datta, M. High rate anodic dissolution and jet electrochemical micromachining of tungsten 63997
Jaw-Lih Gau *see* Chun-Hui Lai 80181
Jaw-Shyang Wu *see* Yenn-Ming Tzeng 91125
Jawahar, C.V., Ray, A.K. Fuzzy statistics of digital images 97867
Jawahery, H. *see* Foucher, M. 90135
Jawarani, D., Fernandes, M., Kawasaki, H., Ho, P.S. Plastic deformation and stress-induced voiding in Al-Cu interconnects 114998
Jaworski, M. *see* Smith, W.H. 100974
Jaworski, R.V., Harjani, R. Analog implementation of the FDTS/DF detection algorithm for magnetic recording 115809
Jay, B.E., Datta, A., Mathews, C., Blanyer, R. Performance of the Horizon advanced lead-acid battery 71632
Jay, S., Oliver, T.N. The potential for electrotechnologies in the ceramics industry 112642
Jay Bao, Huifang Sun, Poon, T.C. HDTV down-conversion decoder 109912
Jay Kuo, C.-C. *see* Li, J. 117767
Jay Kuo, C.-C. *see* Vellaikal, A. 98178
Jay Kuo, C.-C. *see* Wang, H.-J. 86264
Jayabharathi, R. *see* Chatterjee, A. 104488
Jayakar, P. *see* Yaylali, I. 80401
Jayakrishnan, R., Nair, J.P., Kuruvilla, B.A., Kulkarni, S.K., Pandey, R.K. Characterization and photovoltaic device application of dip-coated and rapid thermal annealed CdS films 72860
Jayakumar, R., Martovetsky, N.N., Perfect, S.A., Reed, R.P., Fabian, P.E. Testing of ITER central solenoid coil insulation in an array 106722
Jayalalitha, M.M. *see* Kibe, S.V. 88780
Jayamanna, K. *see* Kuo, T. 100702
Jayamanna, K. *see* Zelenski, A.N. 90070
Jayan, K.M. *see* Narayanan, M.M. 79885
Jayanetti, P. *see* Patton, J.B. 121383
Jayant, N., Ackland, B.D., Lawrence, V.B., Rabiner, L.R. Signal processing for multimedia 118558
Jayant Baliga, B. *see* Thapar, N. 105504
Jayanth, P., Krishna Mohan, R., Subramanian, C.K. Self-pumped phase-conjugate interferometer with a photorefractive iron-doped lithium-niobate crystal 96603
Jayanthi, K. *see* Mansfield, G. 87595
Jayaraj, K., Noll, T.E., Blizard, K. Controlled thermal expansion printed wiring boards based on liquid crystal polymer dielectrics 94053
Jayaraj, K., Noll, T.E., Singh, D. RF characterization of a low cost multichip packaging technology for monolithic microwave and millimeter wave integrated circuits 83677
Jayaraj, M.K. *see* Addonizio, M.L. 61431
Jayaraju, M., Prabhakar, B.R. Breakdown characteristics of a rod-plane gap in air with oscillatory switching impulse voltages 81165
Jayaram, M., Varghese, G. Crash failures can drive protocols to arbitrary states 98484
Jayaram, N., Shamala, N., Srikanta Wireless information perspectives for integrated health care 101403
Jayaram, S. Effect of streaming potential on heat transfer in transformer oil 91596
Jayaram, S., Castle, G.S.P., Chang, J.-S., Berezin, A.A., Looy, P.C., Mangal, R., Mozes, M.S. Semipilot plant pulse energized cold-precharger electrostatic precipitator tests for collection of moderately high resistivity flyash particles 96962
Jayaram, S. *see* Wu, H. 115433
Jayaram Hebbar, K. *see* Jeyarani, K. 111330
Jayaraman, D. *see* Kumar, F.J. 61140
Jayaraman, R. *see* Bhaskar, B.K. 110909
Jayaraman, S., Berger, T. An error exponent for lossy source coding with side information at the decoder 66356
Jayaraman, S. *see* Allen, R.D. 105786
Jayaraman, S. *see* Shick, R.A. 62536
Jayaraman, V. *see* Strzelecka, E.M. 85342
Jayasekara, W.P., Roesler, A., Kryder, M.H. Study of narrow tracks written with FeAlN write heads 115666
Jayasekara, W.P., Wang, S., Kryder, M.H. 4 Gbit/in.^{2} inductive write heads using high moment FeAlN poles 75250
Jayasimha, D.N. Fault tolerance in multisensor networks 89036
Jayasimha, D.N. *see* Lutz, D.R. 61737
Jayasinghe, C. *see* Perera, W.L.R. 75840
Jayasinghe, R.P. *see* McLaren, P.G. 81140
Jayasinghe, R.P. *see* McLaren, P.G. 81146
Jayasinghe, R.P. *see* McLaren, P.G. 102261
Jayasinghe, R.P. *see* Mclaren, P.G. 102274
Jayasumana, A.P. *see* Albert, B. 87793
Jayasumana, A.P. *see* Menon, S.M. 93210
Jayasumana, A.P. *see* Menon, S.M. 93274
Jayasumana, A.P. *see* Temkin, H. 68429
Jayasuriya, A.C., Tasaka, S., Inagaki, N. Comparative study of ferro- and pyroelectric properties of polyurethane and diurethane with biphenyl group 75033
Jayatirtha, H.N., Spencer, M.G. The effect of source powder height on the growth rate of 3C-SiC grown by the sublimation technique 104134
Jayatissa, A.H., Hatanaka, Y., Nakanishi, Y., Ishikawa, K. Low-temperature growth of microcrystalline silicon using 100% SiH_4 by RF glow discharge method 72944
Jayatissa, A.H., Hatanaka, Y., Nakanishi, Y., Ishikawa, K. Growth of highly oriented silicon films on Si(100) and $Al_2O_3(01\bar{1}2)$ by cathode-type rf glow discharge method 92854
Jayatissa, A.H., Hatanaka, Y., Nakanishi, Y., Yamaguchi, T. Properties of heavily phosphorous-doped μc-Si deposited by mesh attached cathode-type r.f. glow discharge 83802
Jayatissa, A.H., Suzuki, M., Nakanishi, Y., Hatanaka, Y. Ellipsometric study of thermal and laser annealed amorphous and microcrystalline silicon films 63212
Jayatissa, A.H. *see* Yamaguchi, T. 105539
Jayavel, B. *see* Ariponnammal, S. 114664
Jayawardene, A.K., Kella, O. M/G/∞ with alternating renewal breakdowns 72429
Jayet, Y., Saint-Pierre, N., Tatibouet, J., Zellouf, D. Monitoring the hydrolytic degradation of composites by a piezoelectric method 92987
Jaynes, R.L. *see* Hochman, J.M. 69655
Jaynes, R.L. *see* Walter, M.T. 105063
Jayraman, G. *see* Sengupta, A. 110778
Jazairy, A., MacDonald, N.C. Very high aspect ratio wafer-free silicon micromechanical structures 74906
Jazdzynski, W. A procedure for determining variable parameters of induction motor models 81470
Jazeyeri, M.R. *see* Shetty, S. 70205
Je, J.H., Noh, D.Y. Microstructure of diamond and β-SiC interlayer studied by synchrotron X-ray scattering 103920
Je Jung Ho *see* Jung Ho Je
Je Lim Yong *see* Yong Je Lim
Je Wang *see* Wang Je
Je Won Kim, In Hoon Choi, Jin Sang Kim, Sang Hee Suh The growth of HgSe/GaAs and the electrical properties of HgSe/p-ZnSe/GaAs for ohmic contacts to p-ZnSe 105244

Je Zhu, Xi-Ren Cao, Liou, M.L. A unified algorithm for blind separation of independent sources 117437
Je-Deok Kim *see* Kwang-Ho Kim 105493
Je-Kook Kim *see* Bo-Eun Kim 104724
Jeacock, T. *see* Hunt, K.J. 79131
Jean, B. Medical and surgical applications of FELs 80368
Jean, C. *see* Salnick, A. 114582
Jean, J. *see* Kim, H.K. 73040
Jean, J.-H., Kuan, T.-H. Compositional design and properties of a low-k silica dielectric with gallium oxide 82246
Jean Chuen-Tzay *see* Chuen-Tzay Jean
Jean Jau-Ho *see* Jau-Ho Jean
Jean Yuh-Sheng *see* Yuh-Sheng Jean
Jean-Baptiste, G. *see* Hoover, A. 97881
Jean-Baptiste, G. *see* Jiang, X.Y. 86854
Jean-Fu Kiang Quasi-TEM analysis of coplanar waveguides with an inhomogeneous semiconductor substrate 107987
Jean-Fu Kiang Capacitance of microstrip lines with inhomogeneous substrate 116968
Jean-Louis, C. *see* Laure-Line, R. 64278
Jean-Marie, A., Olsder, G.J. Analysis of stochastic min-max-plus systems: results and conjectures 72469
Jeandupeux, O., Heeb, B., Ott, H.R. A note on the temperature dependence of the magnetization of $YBa_2Cu_3O_{6.9}$ and $Bi_2Sr_2CaCu_2O_8$ close to T_c 106654
Jeanjean, J. *see* Alexandrof, V.A. 100628
Jeanjean, J. *see* Tenenbaum, P. 89675
Jeanneret, B. *see* Delahaye, F. 68955
Jeanneret, B. *see* Scandale, W. 89825
Jeanneret, J.B. *see* Trenkler, T. 79894
Jeannes, R.LeB., Faucon, G., Ayad, B. A two-microphone approach for speech enhancement in hands-free communications 117275
Jeannes, R.LeB. *see* Faucon, G. 117274
Jeanney, E. *see* Aubin, G. 99581
Jeannot, D., Pinard, J., Ramoni, P., Jost, E.M. The effects of metal oxide additions or dopants on the electrical performance of $AgSnO_2$ contact materials 62406
Jeans, T. *see* Danesfahani, G.R. 86191
Jeans, T.G. *see* Fagervik, K. 66550
Jech, D.E. *see* Sepulveda, J.L. 82227
Jeck, M. *see* Chaloupka, H. 106731
Jeckelmann, B. *see* Delahaye, F. 68955
Jeckeln, E.G., Ghannouchi, F.M., Sawan, M. Adaptive digital predistorter for power amplifiers with real time modeling of memoryless complex gains 82979
Jecko, B. *see* Armengaud, L. 96047
Jecko, B. *see* Aubreton, T. 66068
Jecko, B. *see* Beillard, B. 65770
Jecko, B. *see* Beillard, B. 68599
Jecko, B. *see* Breuil, N. 75693
Jecko, B. *see* Delaveaud, Ch. 66058
Jecko, B. *see* Eclercy, D. 76637
Jecko, B. *see* Etourneau, P. 66052
Jecko, B. *see* Vaudon, P. 76554
Jecko, F. *see* Melon, Ch. 66057
Jedamzik, D. *see* Phillips, W.A. 62304
Jedju, T.M. *see* de Barros, M.R.X. 107190
Jedrey, T.C., Satorius, E.H., Agan, M.J. A frequency offset estimation and compensation algorithm for K/Ka-band communications 109581
Jedrey, T.C. *see* Abbe, B.S. 109580
Jedrzejczak, A. *see* Grasza, K. 72749
Jedrzejewski, J. *see* Budzynski, A. 82170
Jedrzejewski, K. *see* Platonov, A.A. 110064
Jedrzycki, C., Leung, V.C.M. Probability distribution of channel holding time in cellular telephony systems 109434
Jedrzycki, C., Leung, V.C.M. Channel selection strategy for channel hopping in CDPD systems 109525
Jee Chung Yeong *see* Yeong Jee Chung
Jee Gyu-In *see* Gyu-In Jee
Jee Yeon Park *see* Che Young Kim 88144
Jee-Wey Wang *see* Jyh-Horng Wen 68245
Jee-Wey Wang *see* Jyh-Horng Wen 88356
Jeelani, S. *see* Vaidya, U.K. 113591
Jeen-Fong Lin, Sheng-De Wang High-performance low-cost non-blocking switch for ATM 88031
Jeeng-Min Ling *see* Chin-E Lin 121387
Jefferies, D.J. *see* Deane, J.H.B. 67610
Jefferies, S.M. *see* Christou, J.C. 77194
Jefferies, W. *see* Luscombe, A.P. 120733
Jeffers, F. *see* Beach, R.S. 64202
Jeffers, F. *see* Friedmann, A. 75225
Jeffers, F.J. *see* Chamberlain, F.R. 119841
Jeffers, R.J. *see* Kaiser, A.R. 80192
Jeffers, R.K. *see* Jun Lan 111378
Jeffers, S., Prosser, R.D., Berseth, W.C., Hunter, G., Sloan, J. Maxwellian analysis of the pulsed microwave double slit experiment 97130
Jefferson, C.M. *see* Bernal, M.-P. 65569
Jefferson, C.M. *see* Davies, T.S. 71202
Jefferson, C.M. *see* Davies, T.S. 102526
Jefferson, C.M. *see* Lundquist, P.M. 75413
Jefferson, C.M. *see* Wortmann, R. 106757
Jefferson, D. *see* Reddy, S. 113855
Jefferson, I. *see* Harbridge, A. 121216
Jefferts, S.R. *see* Monroe, C. 95896
Jeffery, A., Elmquist, R.E., Cage, M.E. Precision tests of a quantum Hall effect device DC equivalent circuit using double-series and triple-series connections 74662
Jeffery, C.L., Das, S.R., Bernal, G.S. Proxy-sharing proxy servers 87733
Jeffery, P., Ford, D., Pham, P., Reed, M., Srinivasan, N., Weir, B. The architecture, logic, and circuit design of a bipolar, 200 Mbyte/sec, serializing data mover IC, with 32-bit TTL-compatible parallel I/O and unique 1.8 Gbit/sec 'cutoff driver' differential PECL serial I/O 61996
Jeffrey, R.B. *see* Rubin, G.D. 90324
Jeffries, A. *see* Ward, C. 97132
Jeffries, A.T., III, Brzozowy, D.J., Beauchemin, B.T., Naiini, A.A., Fitzgerald, E.A., Gallagher-Wetmore, P. Selectively esterified novolac resins: a study of resist properties as a function of novolac molecular weight and composition 105797
Jeffries, C. *see* Engel, S. 67168
Jeffries, R. ATM's challenges, real and imagined 67651
Jeffries, W.Q., McGowan, I.G., Manwell, J.F. Development of dynamic models for no storage wind/diesel systems 102551
Jeffries, W.Q., McGowan, J.G., Manwell, J.F. Development of a dynamic model for no storage wind/diesel systems 91407
Jeffroy, A. *see* Sahraoui, A.E.K. 70342
Jeffroy, A. *see* Sahraoui, A.E.K. 80557
Jeffs, M. *see* Norrie, D. 119804
Jeftenic, B., Milosavljevic, S., Mitrovic, N., Rodic, M. Speed control in inverter induction motor drives based on only one current sensor 121933
Jegou, R. *see* Bouchitte, V. 103669
Jegoudez, G. *see* De Moor, P. 69800
Jeh-Ho Lee *see* Chung-Ju Chang 99229
Jeha Kim, Seok-Kil Han, Kwang-Yong Kang, Dal Ahn Microwave performance of open-stub line-type multipole lowpass filters fabricated using high-temperature superconducting $YBa_2Cu_3O_{7-x}$ thin films 83345
Jeha Kim *see* Seok Kil Han 84874
Jehanian, K.M. *see* Sha'aban, A.M. 99326
Jehn Ou *see* Wei-Kuo Chen 113373
Jehn-Yih Chen, Chang, R.J. Field experience with overhead distribution equipment under severe contamination 91155
Jehring, F. *see* Jentschel, H.-J. 98603
Jei-Hwan Yoo, Chang Hyun Kim, Kyu Chan Lee, Kye-Hyun Kyung, Seung-Moon Yoo, Jung Hwa Lee, Moon-Hae Son, Jin-Man Han, Bok-Moon Kang, Ejaz Haq, Sang-Bo Lee, Jai-Hoon Sim, Joung-Ho Kim, Byung-Sik Moon, Keum-Yong Kim, Jae Gwan Park, Kyu-Phil Lee, Kang-Yoon Lee, Ki-Nam Kim, Soo-In Cho, Jong-Woo Park, Hyung-Kyu Lim A 32-bank 1 Gb DRAM with 1 GB/s bandwidth 73371
Jeitler, M. *see* Bergauer, H. 69856
Jejer, V.N. *see* Sadygov, Z.Y. 89062
Jejer, V.N. *see* Sadygov, Z.Y. 110602
Jekel, G. *see* Jajszczyk, A. 109471
Jelen, C. *see* Hoff, J. 100003
Jelen, C. *see* Yi, H.J. 75941
Jelenkovic, B.M. *see* Monroe, C. 95896
Jelenkovic, P.R., Lazar, A.A. Evaluating the queue distribution of an ATM multiplexer with multiple time scale arrivals 87326
Jelenkovic, P.R., Lazar, A.A., Semret, N. Multiple time scales and subexponentiality in MPEG video streams 108823
Jelic, Z.V. *see* Grubor, D.P. 116891
Jelicic, B.D., Roy, S. 8-AM-TCM schemes for impulse noise channel 86030
Jelicic, B.D., Roy, S. Design of AM-TCM schemes for the impulse noise environment 117146
Jelicic, B.D., Roy, S. Cutoff rates for coordinate interleaved QAM over Rayleigh fading channels 117147
Jelinek, F. *see* Atal, B.S. 76869
Jelinek, J. *see* Borisov, N.S. 120104
Jellali, F. *see* Saadi, M. 84778
Jellett, S.T. *see* Bialkowski, M.E. 109402
Jellison, G.E. *see* Lubben, D. 104042
Jellison, G.E., Jr., Modine, F.A. Parameterization of the optical functions of amorphous materials in the interband region 83869
Jelloul, M. *see* Bouchakour, R. 74751
Jelowicki, K. HC400 and HC600: GSM phones from Alcatel 109379
Jemili, K. *see* Iftekharuddin, K.M. 117581
Jemison, W.D., Yost, T., Herczfeld, P.R. Acoustooptically controlled true time delays: experimental results 85170
Jen, A. *see* Kenney, J. 106742
Jen, C.K. *see* Lisboa, O. 64649
Jen, J.Y., Tsutsumi, T., Souma, I., Oka, Y., Anderson, J.R., Gorska, M. Stimulated blue emission processes in $Zn_{1-x}Cd_xSe/ZnSe$ multi-quantum wells 62843
Jen, L. *see* Li, J. 109699
Jen, S. *see* Chen, D.P. 104661
Jen, S. *see* Hartmann, C.S. 106409
Jen, S.U., Chao, Y.D. The field-annealing effect: on magnetoimpedance of a zero magnetostrictive metallic glass 84786
Jen Chein-Wei *see* Chein-Wei Jen
Jen Cheng Kuei *see* Cheng Kuei Jen
Jen Lang *see* Lang Jen
Jen Shen *see* Shen Jen
Jen Wu Chin *see* Chin Jen Wu
Jen-Bin Huang, Zen Chen, Tsorng-Lin Chia Pose determination of a cylinder using reprojection transformation 117546
Jen-Chang Liu *see* Chi-Min Liu 109964
Jen-Cheng Lin *see* Tsern-Huei Lee 68084
Jen-Cheng Lin *see* Tsern-Huei Lee 109549
Jen-Chieh Cheng *see* Din-Chang Tseng 108670
Jen-Chwan Liu Duality for nondifferentiable static multiobjective variational problems involving generalized (F, ρ)-convex functions 72527
Jen-Chwan Liu Optimality and duality for generalized fractional programming involving nonsmooth (F, ρ)-convex functions 72528
Jen-Huang Lee *see* Bi-Shiou Chiou 74602
Jen-Inn Chyi *see* Jen-Wei Pan 96431
Jen-Inn Chyi *see* Ming-Ta Yang 95045
Jen-Inn Chyi *see* Rong-Heng Yuang 119683
Jen-Jyh Hwang, Chin-Shun Wu, Bin-Kwie Chen, Wen-Chen Chu, Chang-Kwang Yang, Fang-Tsan Tsai, Shou-Chen Hsu Flexible operation of cogeneration system during peaking period in Taiwan 71116
Jen-Kung Chung *see* Jung-Shyr Wu 109545
Jen-Kwan Kuo *see* Ging-Ho Hsiue 85646
Jen-Ming Chen, Venturab, J.A., Chih-Hang Wu Segmentation of planar curves into circular arcs and line segments 87184
Jen-San Tsai, Curran, B.H., Sternick, E.S., Engler, M.J. The measurement of linear accelerator isocenter motion using a three-micrometer device and an adjustable pointer 70200
Jen-Tsai Kuo Riccati matrix differential equation formulation for the analysis of nonuniform multiple coupled microstrip lines 76507
Jen-Tsorng Chang, Der-Chin Su, Yang-Tung Huang A four channel polarization and wavelength separation element using substrate-mode stacked holograms 76289
Jen-Wei Pan, Jen-Inn Chyi Analysis of the temperature dependence of 1.3 μm AlGaInAs/InP multiple quantum-well lasers 96431
Jen-Yeu Chen *see* Szu-Lin Su 88351
Jen-Yeu Fang *see* Kuen-Hsien Wu 92703
Jencic, I. *see* Stritar, A. *(editor)* 60367
Jender, H. *see* Dumont, C. 67152
Jendernalik, L., Peier, D. TEMpact: application of a new TEM cell design in high voltage pulse operation 81377
Jendral, A., Bryngdahl, O. Generalized model of synthetic image hologram structures 96745
Jendritza, D.J., Gleich, T., Riemenschneider, M. Smart actuator/sensor combination using piezoelectric elements 99931
Jenei, S.M., Aleksic, O.S., Zivanov, L.D., Rakovic, D.I. Analysis and optimization of planar thick film Ni-ferrite inductor 73835
Jenekhe, S.A. *see* Torruellas, W.E. 76220
Jeney, A. *see* Galantai, A. 72645
Jeng, B.-S. *see* Wen, C.-J. 98347
Jeng, B.-S. *see* Wu, C.-H. 98563
Jeng, J.D. *see* Huang, H.-C. 103463
Jeng, S.-K. *see* Chen, S.-H. 116894
Jeng, S.-K. *see* Jan, S.-C. 97148
Jeng, S.J. *see* Nguyen-Ngoc, D. 63964
Jeng, S.J. *see* Nguyen-Ngoc, D. 115373
Jeng, S.S., Lin, H.P., Xu, G., Vogel, W.J. Measurements of spatial signature of an antenna array 99166
Jeng, Y.-J., Yeh, C.-C. Cluster maximum-likelihood sequence estimator 97416
Jeng An-Hong *see* An-Hong Jeng
Jeng Bor-Shenn *see* Bor-Shenn Jeng
Jeng Gong *see* Tsun-Lai Hsu 74664
Jeng Li-Der *see* Li-Der Jeng
Jeng Lin-Her *see* Lin-Her Jeng
Jeng Min-Chie *see* Min-Chie Jeng
Jeng Ming-Jer *see* Ming-Jer Jeng
Jeng Ru-Jong *see* Ru-Jong Jeng
Jeng Sheng-Ching *see* Sheng-Ching Jeng
Jeng Shyh-Kang *see* Shyh-Kang Jeng
Jeng Tzuan-Ren *see* Tzuan-Ren Jeng
Jeng-Chun Chen *see* Ming-Syan Chen 66238
Jeng-Hong Chen, Lindsey, W.C. Mutual clock synchronization in global digital communication networks 118879
Jeng-Jye Sheen, Hou-Sheng Huang, Chan-Nan Lu Analysis of distribution line carrier using three-phase bus admittance matrix 88070
Jeng-Tzong Chen *see* Dz-Chi Li 74659
Jeng-Yi Ke *see* Chun-Lin Liao 93660
Jenghwa Chang, Graber, H.L., Barbour, R.L., Aronson, R. Recovery of optical cross-section perturbations in dense-scattering media by transport-theory-based imaging operators and steady-state simulated data 101135
Jenichen, B. *see* Kohler, R. 113349
Jenichen, B. *see* Raidt, H. 113379
Jenk, H. *see* Bosshard, H.J. 98591
Jenkins, A.P., Kale, K.S., Dew-Hughes, D., Edwards, D.J., Bramley, A.P., Grovenor, C.R.M. TBCCO-thin film microwave devices 62162
Jenkins, B.K. *see* Piazzolla, S. 96782
Jenkins, D., Winston, R., Bliss, J., O'Gallagher, J., Lewandowski, A., Bingham, C. Solar concentration of 50000 achieved with output power approaching 1 kW 111854
Jenkins, D.J. *see* Hurley, J.D. 65742
Jenkins, D.M. *see* Street, A.J. 84927
Jenkins, G. *see* Zavracky, P.M. 84655
Jenkins, G. *see* Zavracky, P.M. 92078

Jenkins, G.E. *see* Brown, E.R. 69168
Jenkins, J. *see* Kaiser, M.K. 90709
Jenkins, K.A., Burghartz, J.N., Agnello, P.D. Identification of gate electrode discontinuities in submicron CMOS technologies, and effect on circuit performance 63914
Jenkins, K.A. *see* Burghartz, J.N. 83514
Jenkins, K.A. *see* Burghartz, J.N. 106245
Jenkins, K.A. *see* Burghartz, J.N. 106247
Jenkins, K.A. *see* Pelella, M.M. 63660
Jenkins, K.A. *see* Soyuer, M. 73804
Jenkins, L. Packet switching and frame relay in a broadband network 78069
Jenkins, L. *see* Fryer, P.M. 89321
Jenkins, L.C. *see* Foxon, C.T. 82693
Jenkins, L.C. *see* Tirkel, A.Z. 88080
Jenkins, M. *see* Bernadas, S. 79200
Jenkins, M.K. *see* Schofield, N. 91873
Jenkins, N. Some aspects of the electrical integration of wind turbines 102556
Jenkins, N. *see* Craig, L.M. 102583
Jenkins, N. *see* Ekanayake, J.B. 91025
Jenkins, N. *see* Ekanayake, J.B. 101764
Jenkins, N. *see* Gardner, P. 102558
Jenkins, N. *see* Hopewell, P.D. 71370
Jenkins, N. *see* Saad-Saoud, Z. 102585
Jenkins, N. *see* Strbac, G. 70769
Jenkins, N. *see* Tenorio, A.R.M. 70842
Jenkins, N. *see* Tenorio, A.R.M. 91100
Jenkins, N. *see* Williamson, G.E. 70646
Jenkins, N.H.A., Graham, J.M.R. Measurement and prediction of wind energy in association with buildings 102356
Jenkins, P., Tuma, M., Naghski, D., MacInnes, A. Optical constants of thin film gallium sulfide layers 95709
Jenkins, P. *see* Giacalone, G. 73368
Jenkins, P. *see* Mulkens, J. 84276
Jenkins, P.P. *see* Scheiman, D.A. 70413
Jenkins, R.G., Jones, H., Goodall, R.M. Designing HTS coils for magnetic circuits 95550
Jenkins, R.J., Jr. ISAAC [random number generator] 66502
Jenkins, S.J. *see* Srivastava, G.P. 74143
Jenkins, S.J. *see* Srivastava, G.P. 83840
Jenkins, T. Retrofitting VFD motors at a waste water treatment plant 103200
Jenkins, T., Bozada, C., Dettmer, R., Sewell, J., Via, D., Barrette, J., Ebel, J., DeSalvo, G., Havasy, C., Liou, L., Quach, T., Gillespie, J., Pettiford, C., Ito, C., Nakano, K., Anholt, R. Comparison of thermal-shunt and flip-chip HBT thermal impedances: comment on "Novel HBT with reduced thermal impedance" 74704
Jenkins, T. *see* Anholt, R. 74698
Jenkins, T. *see* Creech, G.L. 83504
Jenkins, T. *see* Dettmer, R. 93804
Jenkins, T. *see* Liou, L.L. 74665
Jenkins, W.K. *see* Schmitz, C.D. 117877
Jenkins, W.K. *see* Soni, R.A. 77006
Jenkins, W.K. *see* Xiaohui Li 73560
Jenko, B. *see* Grasic, I. 100788
Jenko, M. *see* Koller, L. 83570
Jenn-Fang Chen, Nie-Chuan Chen, Hung-Sing Liu Deep levels in SnTe-doped GaSb grown on GaAs by molecular beam epitaxy 83860
Jenn-Fang Chen, Nie-Chuan Chen, Shih-Yang Chiu, Pie-Yong Wang, Wei-L Lee, Chin, A. Temperature-dependent transport properties of n^+ GaAs/low-temperature GaAs/n^+ GaAs structures grown by molecular beam epitaxy 74331
Jenn-Fang Chen, Nie-Chuan Chen, Wen-Yen Huang, Wei-I Lee, Ming-Shiann Feng Analysis of influence of alkyl sources on deep levels in GaN by transient capacitance method 83859
Jenn-Gwo Hwu, Wei-Shin Lu Incorporation of fluorine atoms into rapid thermal thin gate oxides by liquid phase deposition 83999
Jenn-Gwo Hwu *see* Kuo-Chung Lee 63271
Jenn-Gwo Hwu *see* Ming-Jer Jeng 63211
Jenn-Hong Chen *see* Fung-Fei Chen 80961
Jenn-Hwa Huang *see* Hallmark, J. 84533
Jenn-Hwan Tarng *see* Bey-Jsang Hsu 65859
Jenn-Hwan Tarng *see* Kung-Min Ju 76436
Jenn-Ming Wu *see* Jiann-Jang Cheng 113533
Jenn-Ming Wu *see* Tzu-Feng Tseng 113442
Jenn-Ren Lien *see* Gu, C. 96783
Jenn-Wei Lin *see* Kuochen Wang 61731
Jenn-Yih Lin, Chi-Wei Lee, Zen Chen Identification of business forms using relationships between adjacent frames 108485
Jenn-Yih Lin *see* Ja-Chen Lin 77232
Jennen, J.G.L., van Osch, T.W.H., Simons, D.R. Comparison between semiconductor and fibre optical amplifiers operating in the 1300 nm telecommunications window 78831
Jenner, D. *see* Pei, A. 100653
Jenner, D. *see* Pei, A. 100654
Jennewein, P. *see* Drescher, P. 105007
Jennewein, P. *see* Hartmann, P. 120119
Jenni, F. *see* Eichenberger, P. 91670
Jennings, C.S. A system for remote monitoring of a hospital linear accelerator 80453
Jennings, G. *see* Shepstone, N.M. 102628
Jennings, G.D. *see* Rae, T.A. 102050
Jennings, M. Does SCADA have a role in supporting utility automation? 80953
Jennings, P., Ball, R., Lever, P. Different vehicle, same statistical transfer function? 76496
Jennings, P.A. *see* Lever, P.H. 65876
Jennings, R.T. *see* Fittinghoff, D.N. 79739
Jennings, S. *see* Holzreiter, S. 101067
Jennison, C. *see* Hurn, M. 77379
Jenq, C. *see* Hwang, C. 94977
Jenq, C. *see* Hwang, C. 95180
Jenq, Y.-C. *see* Huang, Y. 97683
Jenq, Y.C. *see* Hagerty, D.J. 97745
Jenq, Y.C. *see* Wei-Da Hao 108388
Jenq Feng-Lin *see* Feng-Lin Jenq
Jenq Yih-Chyun *see* Yih-Chyun Jenq
Jenq-Jong Lin *see* Chiang Lin 103662
Jenq-Muh Hsu *see* Chung-Ming Huang 87453
Jenq-Neng Hwang *see* Davis, D.T. 108336
Jenq-Neng Hwang *see* Wilson, L.L. 111278
Jenq-Neng Hwang *see* Yen-Hao Tseng 110782
Jenq-Tay Yuan Asymmetric interpolation lattice 66822
Jenq-Yang Chang *see* Ching-Cherng Sun 116778
Jenq-Yang Chang *see* Ming-Wen Chang 95655
Jensch, P. *see* Eichelberg, M. 109202
Jensema, C.J. *see* Koskinen, P.S. 79187
Jensen, A. *see* Smirnov, A. 85127
Jensen, B. *see* Stair, A.T., Jr. 90794
Jensen, C. *see* Hanna, B. 100714
Jensen, C.Boje *see* Boje Jensen, C.
Jensen, C.C., Dinkel, J.A. Fermilab Main Injector abort kicker system 89744
Jensen, C.P. *see* Barbato, G. 68958
Jensen, D. *see* Ogitsu, T. 100449
Jensen, D.D., La Porte, T.M. Technology, language, and public decisions: finding common ground for experts and citizens 92090
Jensen, D.G. *see* Gabor, A.M. 92938
Jensen, D.W., Pai, S.P. Influence of shear strains on the phase of light transmitted through single-mode fiber-optic strain sensors 79452
Jensen, E. *see* Blas, F. 79935
Jensen, F. *see* Takahashi, H. 80058
Jensen, F.V. *see* Liang, J. 97957
Jensen, G.U. *see* Nawaz, M. 83415
Jensen, G.U. *see* Nawaz, M. 93838
Jensen, H.E. *see* Encheva, S.B. 76790
Jensen, J. *see* Baringer, C. 93534
Jensen, J. *see* Desai, M.P. 83151
Jensen, J. *see* Fisher, C. 113862
Jensen, J.E. *see* Wu, O.K. 100113
Jensen, J.G. *see* Knudsen, M. 71343
Jensen, J.H. *see* Abele, M.G. 64481
Jensen, J.O. On decoding doubly extended Reed-Solomon codes 66366
Jensen, K. *see* Kodis, M.A. 62625
Jensen, K.F., Merchant, T.P., Cole, J.V., Hebb, J.P., Knutson, K.L., Mihopoulos, T.G. Modeling strategies for rapid thermal processing: Finite element and Monte Carlo methods 84548
Jensen, K.F., Simka, H., Mihopoulos, T.G., Futerko, P., Hierlemann, M. Modeling approaches for rapid thermal chemical vapor deposition: Combining transport phenomena with chemical kinetics 82751
Jensen, K.F. *see* Merchant, T.P. 74510
Jensen, K.F. *see* Simka, H. 113421
Jensen, K.F. *see* Wang, C.A. 61206
Jensen, K.L., Nguyen, K., Zaidman, E.G., Phillips, P.M., Kodis, M.A. Electron emission distribution from a single Spindt-type field emitter 104995
Jensen, K.L., Phillips, P.M., Nguyen, K., Malsawma, L., Hor, C. Electron emission from a single Spindt-type field emitter structure: Correlation of theory and experiment 62563
Jensen, K.L., Zaidman, E.G., Kodis, M.A., Goplen, B., Smithe, D.N. Analytical and semi-numerical models for gated FEAs 73929
Jensen, K.L., Zaidman, E.G., Kodis, M.A., Goplen, B., Smithe, D.N. Analytical and seminumerical models for gated field emitter arrays. I. Theory 83734
Jensen, K.L., Zaidman, E.G., Kodis, M.A., Goplen, B., Smithe, D.N. Analytical and seminumerical models for gated field emitter arrays. II. Comparison of theory to experiment 83735
Jensen, K.L. *see* Kodis, M.A. 83744
Jensen, K.L. *see* Kodis, M.A. 105009
Jensen, K.L. *see* Phillips, P.M. 74056
Jensen, K.L. *see* Phillips, P.M. 105012
Jensen, K.L. *see* Shaw, J.L. 83708
Jensen, K.L. *see* Zaidman, E.G. 62624
Jensen, K.L. *see* Zaidman, E.G. 73998
Jensen, K.L. *see* Zaidman, E.G. 83745
Jensen, K.L. *see* Zaidman, E.G. 105013
Jensen, L. *see* Allbritton, G.L. 80079
Jensen, L. *see* Allbritton, G.L. 100826
Jensen, L.L. *see* Bornemann, W. 66020
Jensen, M. *see* Holm, S. 90451
Jensen, M. *see* Holm, S. 101288
Jensen, M.A. *see* Rahmat-Samii, Y. 70282
Jensen, N.E. *see* Roederer, A.G. 78598
Jensen, O.R., Paaske, E. Concatenated coding system with iterated sequential inner decoding 66472
Jensen, R., Gale, P. At last, locate faults by recording traveling waves 91237
Jensen, R.A., Gardner, D.J., Chen, C.J., Calvo, O., Duff, D.G. Monitoring long-haul undersea WDM systems using optical side tones 78686
Jensen, S. *see* van der Wel, W. 84323
Jensen, T. IN and mobility 98832
Jensen, T., Diening, A., Huber, G., Chai, B.H.T. Investigation of diode-pumped 2.8-µm Er:LiYF$_4$ lasers with various doping levels 65120
Jensen, T.Schmidt *see* Schmidt Jensen, T.
Jensen, U. *see* Heinrich, G. 103518
Jenserud, T. *see* Askari, F. 120848
Jenshan Lin *see* Pobanz, C.W. 88103
Jenshan Lin *see* Zu, L. 94130
Jenssen, A.C., Zarrop, M.B. Nonparametric frequency selective condition monitoring in closed loop 103515
Jenssen, H.P. *see* Di Lieto, A. 65127
Jenssen, H.P. *see* Di Lieto, A. 75878
Jenssen, H.P. *see* Sorokina, I.T. 96179
Jentgens, C. *see* Boose, A. 110851
Jentgens, C. *see* Spieker, S. 90543
Jentschel, H.-J., Hanusch, T., Jehring, F., Kluge, W. Multimodal radiotelephones 98603
Jentschel, H.-J. *see* Huhn, T. 66846
Jentzsch, A. *see* Heinrich, F. 79610
Jentzsch, A. *see* Heinrich, F. 89278
Jenu, M. Rugged probe design delivers MIC measurements 83417
Jenvey, S. Radio wave propagation down a corridor and into rooms at 1.9 GHz 107918
Jenwei Hsieh *see* Jonathan Chien-Liang Liu 109939
Jeom-Soo Lew, Dong-Woo Shin, Kyoung-Sun Min, Young-Kil Kim, Dong-Kyun Kang, Yong-Gon Lim A study on the implementation of multi-velocity log system using ultrasonic Doppler effect 88727
Jeon, B. *see* Chun, K.W. 86929
Jeon, H. *see* Gunshor, R.L. 75942
Jeon, H. *see* Nurmikko, A.V. 75955
Jeon, H.-W. *see* Son, J.-Y. 96755
Jeon, H.I. *see* Jeong, M.S. 94539
Jeon, J.-B. *see* Sirenko, Yu.M. 114776
Jeon, J.G. *see* Kim, Y.H. 86914
Jeon, J.S., Raghavon, S., Parks, H.G., Lowell, J.K., Ali, I. Electrochemical investigation of copper contamination on silicon wafers from HF solutions 114966
Jeon, M.H., Calhoun, L.C., Gila, B.P., Ludwig, M.H., Park, R.M. Impact of surface stoichiometry control during the initial stages of growth on the stacking fault concentration in ZnSe epilayers grown by molecular beam epitaxy 113290
Jeon, N.L., Clem, P.G., Nuzzo, R.G., Payne, D.A. Patterning of dielectric oxide thin layers by microcontact printing of self-assembled monolayers 74509
Jeon, Y.-H., Lee, J.-H., Choi, H.-J. Performance evaluation of a multiple-access algorithm for PCN in microcell environment 119061
Jeon Bong-Hwan *see* Bong-Hwan Jeon
Jeon Byung Chun *see* Byung Chun Jeon
Jeon Chang Wan *see* Chang Wan Jeon
Jeon Hong Bin *see* Hong Bin Jeon
Jeon Hyung-Wook *see* Hyung-Wook Jeon
Jeon InSan *see* InSan Jeon
Jeon Kicheol *see* Kicheol Jeon
Jeon Min Yong *see* Min Yong Jeon
Jeon Min-Yong *see* Min-Yong Jeon
Jeon Soon Ik *see* Soon Ik Jeon
Jeon Taehyun *see* Taehyun Jeon
Jeon Won-Gi *see* Won-Gi Jeon
Jeon Young Jin *see* Young Jin Jeon
Jeon-Kook Lee, Hyung-Jin Jung, Auciello, O., Kingon, A.I. Electrical characterization of Pt/SrBi$_2$Ta$_2$O$_9$/Pt capacitors fabricated by the pulsed laser ablated deposition technique 84714
Jeong, B.S., Park, H.L., Lim, H., Baek, D.H. Characteristics of a copper impurity in In$_{0.5}$Ga$_{0.5}$P 83861
Jeong, G. *see* Okada, K.-I. 118539
Jeong, H.-H., Kwon, O.-K. The fabrication process and optimum design of RESURF EDMOSFETs for smart power IC applications 113756
Jeong, H.S. *see* Kim, Y.J. 114914
Jeong, J., Song, M.K., Jang, D.H., Park, K.H. Short-term wavelength changes in 1.5-µm InGaAsP-InP distributed feedback semiconductor lasers 85530
Jeong, J. *see* Park, Y.K. 99577
Jeong, J.S., Joo, C.B. Analysis of inductance loaded small type open-loop travelling wave antenna for moisture measurement systems 117050
Jeong, J.W. *see* Kim, S.R. 119000
Jeong, K.-J., Kim, T.-I., Choi, G.-B. Voice mail service in advanced intelligent network 87641
Jeong, M.S., Shim, H.W., Jeon, H.I., Shin, Y.G., Lim, K.Y., Suh, E.-K., Lee, H.J. Carrier dynamics of strained In$_x$Ga$_{1-x}$As/GaAs quantum well structures 94539
Jeong, S., Schultz, J.H., Takayasu, M., Vysotsky, V., Michael, P.C., Warnes, W., Shen, S. Ramp-rate limitation experiments using a hybrid superconducting cable 95578
Jeong, S. *see* Budiarto, E. 64891
Jeong, S. *see* Budiarto, E. 116201
Jeong, S. *see* Deis, G. 106719
Jeong, S.-H., Kim, J., Chong, I.-Y. An implementation architecture of a high performance ATM LAN interface for an ATM switching hub 78283
Jeong, S.C., Oyaizu, M., Kawakami, H., Shirakabe, Y., Ikeda, N., Nomura, T. Beam-bunching in an ECR ion source by the pulsed gating-potential method 100438
Jeong, S.I. *see* Ji, C.-H. 118742
Jeong, T.H., Bjelkhagen, H., Spoto, L.M. Applications of color holography 96785
Jeong, T.H. *see* Bjelkhagen, H.I. 96846
Jeong, T.W. *see* Cheong, S.K. 118721
Jeong, T.W. *see* Kim, T.W. 118706

Jeong, W.T., Cho, H.S. Neural network based calibration of camera and range finder 99909
Jeong, Y.-K. The medium access control protocol of virtual token bus network for real time communications 118153
Jeong, Y.U. *see* Cho, S.O. 96447
Jeong, Y.U. *see* Kim, S.K. 96514
Jeong, Y.U. *see* Lee, B.C. 96458
Jeong Byungjiang *see* Byungjiang Jeong
Jeong Cha-Gyun *see* Cha-Gyun Jeong
Jeong Chang Ki *see* Chang Ki Jeong
Jeong Changbum *see* Changbum Jeong
Jeong Deog-Kyoon *see* Deog-Kyoon Jeong
Jeong Doo Kim, Dong Il Lee, Koo Yong Shin, Kwang Ho Yang, Hee Sung Ahan, Ja Yoon Koo KEPCO 765 kV transmission system development: corona and electric field effects studies 81100
Jeong Eui Yun, Yooseok Chung The influence of a piston ring assembly design on blowby and friction in a SI engine 69564
Jeong Eun Jae *see* Jae Jeong Eun
Jeong Gibong *see* Gibong Jeong
Jeong Goo Kim, Soo In Lee, Eon Kyeong Joo An improved scheme of cascaded minimum-bandwidth binary error control line codes 76813
Jeong Goo Kim *see* Chang Ki Jeong 86050
Jeong Goo Kim *see* Soo In Lee 76812
Jeong Gyu Lee, Byeong Gi Lee Autonomous distributor based on controlled switching elements 78292
Jeong Ha Lee *see* Jae Ho Yoo 104120
Jeong Hang-Geun *see* Hang-Geun Jeong
Jeong Heui Seob *see* Heui Seob Jeong
Jeong Ho Jin *see* Ho Jin Jeong
Jeong Ho Kim *see* Nam Soo Park 79124
Jeong Hong *see* Hong Jeong
Jeong Hun Choi *see* Chang Woo Yoon 118552
Jeong Hyuk *see* Hyuk Jeong
Jeong Hyun Seo *see* Buhm Jae Shin 89328
Jeong hyun Yi, Phil joo Moon, Moon seog Jun, Chul hee Lee Performance evaluation of a prior discarding algorithm for tagged cells in ATM networks 67540
Jeong Hyunjo *see* Hyunjo Jeong
Jeong In Seop *see* In Seop Jeong
Jeong In-Gab *see* In-Gab Jeong
Jeong InMyoung *see* InMyoung Jeong
Jeong Jae Ho *see* Jae Ho Jeong
Jeong Jae Woo *see* Jae Woo Jeong
Jeong Jae-Hoon *see* Jae-Hoon Jeong
Jeong Jong Myeon *see* Jong Myeon Jeong
Jeong Jong-Sool *see* Jong-Sool Jeong
Jeong Joo-Hong *see* Joo-Hong Jeong
Jeong Ki-Ho *see* Ki-Ho Jeong
Jeong Kim Jae *see* Jae Jeong Kim
Jeong Kyuwon *see* Kyuwon Jeong
Jeong Mi Yun *see* Mi Yun Jeong
Jeong Min-Su *see* Min-Su Jeong
Jeong Nam-Hun *see* Nam-Hun Jeong
Jeong Rim Seong *see* Seong Jeong Rim
Jeong Sangkwon *see* Sangkwon Jeong
Jeong Seok-Chan *see* Seok-Chan Jeong
Jeong Seok-Kwon *see* Seok-Kwon Jeong
Jeong Seon Ryoo *see* Seong Jun Kang 84683
Jeong Seong Wook *see* Seong Wook Jeong
Jeong Seongtae *see* Seongtae Jeong
Jeong Soo Byun Epitaxial C49-$TiSi_2$ formation on (100)Si substrate using TiN, and its electrical characteristics as a shallow contact metallization 74628
Jeong Soo Kim, Hyung Mun Kim, Kyung-Soo Suh, Hye Rim Kim, Seung Won Lee, Heung Ro Choo, Hong Man Kim, Kwang Eui Pyun Optimization of growth conditions for the OMVPE grown InAsP/InP quantum well 103891
Jeong Soo Kim *see* Beom-Hoan O 116563
Jeong Soo Kim *see* Chongdae Park 65191
Jeong Soo Kim *see* Chongdae Park 116526
Jeong Soo Kim *see* Kyung Sook Hyun 64930
Jeong Soo Kim *see* Kyung-Sook Hyun 64934
Jeong Sook Ha *see* Seong-Ju Park 61208
Jeong Tae Il *see* Tae Il Jeong
Jeong Weon Guk *see* Weon Guk Jeong
Jeong Won Kim, Jae Myung Seo, Sehun Kim Surface electronic properties of Na/Ge(111)-3×1 74472
Jeong Won-Young *see* Won-Young Jeong
Jeong Woo Kim *see* Duck Soo Noh 85172
Jeong Yong Lee *see* Hyeon Soo Kim 61192
Jeong Yong Lee *see* Jin Heok Kim 63147
Jeong Yong Lee *see* Jin Hyeok Kim 63662
Jeong Yong Lee *see* Seong-Ju Park 61208
Jeong Yong-Hwa *see* Yong-Hwa Jeong
Jeong Yoon-Ha *see* Yoon-Ha Jeong
Jeong Youhyeon *see* Youhyeon Jeong
Jeong Youn Kwae *see* Youn Kwae Jeong
Jeong Young Heon *see* Young Heon Jeong
Jeong-A Lee, Kiseon Kim A computing structure for the geometrical mapping problem 87024
Jeong-Boo Kim Wind load assumption of 765 kV transmission towers 81123
Jeong-Boo Kim, Dong-Il Lee, Koo-Yong Shin, Kwang-Ho Yang, Hee-Sung Ahan, Ja-Yoon Koo Environmental effects by corona discharge from a 765 kV double circuit transmission line 81106
Jeong-Boo Kim *see* Dong-Jin Kweon 81520
Jeong-Du Kim, In-Hyu Choi Ultrasonic vibration turning of optical plastics 72267
Jeong-Gon Kim *see* Taek-Beom Koh 74565
Jeong-Guon Ih *see* Hyuk Jeong 79190
Jeong-Hwan Son *see* Hyunchol Shin 93930
Jeong-Hyong Lee *see* Tae-Sung Jung 73344
Jeong-Il Choi, Hong-Shin Jun, Sun-Young Hwang Efficient hardware optimisation algorithm for fixed point digital signal processing ASIC design 61958
Jeong-Keun Ji *see* Moon-Deock Kim 85487
Jeong-Min Kim, Seok-Kyun Hong, Eel-Wan Lee, Seok-Ik Chae Multithread video coding processor for the videophone 109280
Jeong-Rae Ro *see* Seong-Ju Park 61208
Jeong-Rock Kwon *see* Byoung-Chul Shin 80685
Jeong-Seon Seo, Sang-Sik Lee, Cheol-Su Choe, Ki-Don Hong, Daniel, S., Cheong Ku Yoon Intelligent defect localization methodology through the use of photoemission spectral analysis 74837
Jeong-Sik Hong *see* Myeong-Yong Lee 117954
Jeong-Soo Lee, Kwang-Ho Ahn, Yoon-Ha Jeong, Dae Mann Kim Quantum-well Hall devices in Si-delta-doped $Al_{0.25}Ga_{0.75}As/GaAs$ and pseudomorphic $Al_{0.25}Ga_{0.75}As/In_{0.25}Ga_{0.75}As/GaAs$ heterostructures grown by LP-MOCVD: performance comparisons 105851
Jeong-Tae Park, Cheol-Gyun Lee, Min-Kyu Kim, Hyun-Kyo Jung Application of fuzzy decision to optimization of induction motor design 111962
Jeong-Tae Park *see* Min-Kyu Kim 102717
Jeong-Woo Lee *see* Gwan-Soo Park 95379
Jeong-Woo Lee *see* Young-Moon Park 81309
Jeong-Youb Lee, Jong-Wan Park Diffusion barrier property of molybdenum nitride films for copper metallization 105732
Jeong-Yuan Su *see* Pei-Yung Hsiao 73210
Jeongdal Kim *see* Kostrzewski, A. 108287
JeongHun Choi *see* Sehyeong Cho 98831
Jeonghwan Ko, Kurdila, A.J., Wells, R.O., Xiaodong Zhou On the conditioning of numerical boundary measures in wavelet Galerkin methods 61053
Jeonghwan Son *see* Sangdon Lee 105571
Jeoung, Y.T. *see* Lee, T.S. 61144
Jeoung Ju Lee *see* Hyeon Soo Kim 61192
Jeoung Yong Taek *see* Yong Taek Jeoung
Jeppesen, S. *see* Junno, B. 103868
Jeppesen, S. *see* Kowalski, B. 63000
Jeppesen, S. *see* Miller, M.S. 61291
Jeppesen, S. *see* Miller, M.S. 103940
Jeppesen, S. *see* Miller, M.S. 113298
Jeppson, K.O., Bogren, A.W., Karlsson, P.R. A new method of determining the effective channel width and its dependence on the gate voltage 115199
Jeppson, K.O. *see* Bengtsson, S. 105490
Jeppson, K.O. *see* Karlsson, P.R. 63697
Jepsen, M.L., Gerritsen, H.J. Liquid-crystal-filled gratings with high diffraction efficiency 95844
Jepson, A. *see* Mann, R. 67308
Jepson, A.D. *see* Black, M.J. 67247
Jepson, A.D. *see* Black, M.J. 117824
Jepson, A.D. *see* Ju, S. X. 86792
Jepson, R.W. *see* Fawcett, J.W. 67732
Jequier, F. *see* Pamela, J. 69697
Jer Kao Ming *see* Ming Jer Kao
Jer-Guang Hsieh *see* Hung-Jen Chu 60809
Jer-Guang Hsieh *see* Yeong-Jeu Sun 72407
Jer-Guang Hsieh *see* Yeong-Jeu Sun 73007
Jer-Junn Luh *see* Gwo-Ching Chang 120434
Jer-Yang Sheu *see* Chi-Jui Wu 122099
Jeraj, R. *see* Chochula, P. 110611
Jerby, E., Shahadi, A., Drori, R., Korol, M., Einat, M., Sheinin, M., Dikhtiar, V., Grinberg, V., Bensal, M., Harhel, T., Baron, Y., Fruchtman, A., Granatstein, V.L., Bekefi, G. Cyclotron resonance maser experiment in a nondispersive waveguide 107032
Jerby, E. *see* Drori, R. 96506
Jerby, E. *see* Einat, M. 96454
Jerby, E. *see* Korol, M. 96515
Jerby, E. *see* Shahadi, A. 96077
Jerdal, L.O., Tunold, R., Middleton, P.H. Kinetics of oxygen reduction on $La_{0.6}Sr_{0.4}Fe_{0.8}Co_{0.2}O_{3-x}$ 81805
Jereb, L. *see* Begain, K. 92347
Jereb, L. *see* Marsan, M.A. 117995
Jereb, P. *see* Miljavec, D. 81427
Jereb, P. *see* Miljavec, D. 91489
Jeremiah, T.L. *see* Bishop, J.W. 113964
Jeremic, N.Z. *see* Terzija, V.V. 91236
Jergel, M., Bochinicek, Z., Majkova, E., Senderak, R., Luby, S. Thermally activated interface shift in the tungsten/silicon multilayers 94578
Jergel, M. *see* Jansak, L. 95407
Jergel, M. *see* Luby, S. 74107
Jergel, M. *see* Luby, S. 94826
Jergel, M. *see* Pincik, E. 63289
Jerichow, A. *see* Federrath, H. 109369
Jerisian, R. *see* Sagnes, B. 114831
Jerman, H. Recent trends in silicon micromachining technology 74866
Jerman-Blazic, B. Security platforms in the telecommunication market: Technologies, developments and regulations 118263
Jernigan, G.G., Thompson, P.E., Silvestre, C.L. Ge segregation during the initial stages of $Si_{1-x}Ge_x$ alloy growth 104010
Jernigan, G.G. *see* Hobart, K.D. 82682
Jernigan, M.E. *see* Alirezaie, J. 90435
Jernigan, M.E. *see* Winger, L.L. 66561
Jerome, R. *see* Pawlikiewicz, A.H. 63904
Jeromin, L.S., Lee, D.L., Palecki, E.F., Wolff, D.P. Productivity improvements with a direct digital radiography system integrated with PACS 110720
Jeron, T. *see* Doldi, L. 118189
Jeronymo, C.E. *see* Daugela, A. 64174
Jerraya, A.A. *see* Berrebi, E. 87000
Jerraya, A.A. *see* Ismail, T.B. 77761
Jerraya, A.A. *see* Kission, P. 61552
Jerraya, A.A. *see* Pirmez, L. 113827
Jerraya, A.A. *see* Sahraoui, A.E.K. 80557
Jerri, A.J., Herman, R.L. The solution of the Poisson-Boltzmann equation between two spheres: modified iterative method 61025
Jerrum, M., Vazirani, U. A mildly exponential approximation algorithm for the permanent 113203
Jerrum, M. *see* Frieze, A. 103645
Jerry, R.A., Popel, A.S., Brownell, W.E. Potential distribution for a spheroidal cell having a conductive membrane in an electric field 101049
Jerschefske, J. *see* Ziegler, G. 79277
Jerse, T.A. The use of sidewalls on an image plane to reduce the radiated emissions from an electric line source 107943
Jeruchim, M.C. Modeling and simulation of communication systems: an overview 87514
Jervis, B.W., Roberts, T., Lacey, A., Woodcock, R., Yu, S., Harrison, R.F., Lim, C.P., Allen, E.M., Oke, S. Detection of brain conditions from evoked responses using artificial neural networks 70130
Jeske, D.R. Estimating the cumulative downtime distribution of a highly reliable component 113021
Jeske, M. *see* Albers, D. 69756
Jeske, R. *see* Evers, H. 79066
Jespers, P.G.A. *see* Silveira, F. 106191
Jess, J.A.G. *see* Di, C. 104452
Jess, J.A.G. *see* Van Eijk, C.A.J. 73181
Jessen, S.W. *see* Epstein, A.J. 96022
Jesshope, C.R. *see* Dines, J.A.B. 85196
Jessie, D., Norum, E. A linear accelerator bunch length monitor 79862
Jessing, J.R., Parker, D.L., Weichold, M.H. Porous silicon field emission cathode development 73986
Jessing, J.R., Parker, D.L., Weichold, M.H. Porous silicon field emission cathode development 83695
Jesson, D. *see* Zangwill, A. *(editor)* 112703
Jessop, P.E. *see* Daly, M.G. 85074
Jessup, T. WAN design with client-server in mind 98772
Jester, T.L. Photovoltaic Cz silicon manufacturing technology improvements 105528
Jester, W.A. *see* Xu, X. 80529
Jesus, A.P. *see* Alves, L.C. 101029
Jesus, J.M.Ferreira de *see* Ferreira de Jesus, J.M.
Jesus, S.M. *see* Caiti, A. 120656
Jesus, S.M. *see* Felisberto, P. 88726
Jesus Silva, A.R.De *see* De Jesus Silva, A.R.
Jetter, K. *see* Chui, C.K. 108235
Jeudy, V., Collar, J.I., Girard, T.A., Limagne, D., Waysand, G. ^{35}S beta irradiation of a tin strip in a state of superconducting geometrical metastability 69789
Jeudy, V. *see* Girard, T.A. 80093
Jeuken, M.E.J. *see* Smolders, A.B. 66137
Jeung, K.S. *see* Kim, B.-G. 116198
Jeung Yeun-Cheul *see* Yeun-Cheul Jeung
Jevtic, J.O., Lee, R. Solenoidal edge elements 97072
Jevtic, J.O. *see* Lee, R. 97034
Jevtic, M., Milutin, G., Zeljic, M. One solution of passive synchronizer for smaller generators 91430
Jewell, G.W. *see* Riley, C.D. 75143
Jewell, J.L. *see* Yung-Cheng Lee 96300
Jewell, P.R. *see* Payne, J.M. 68797
Jewett, D. *see* Berman, S. 71878
Jewett, D.L. *see* Berman, S.M. 71877
Jex, I. *see* Bandilla, A. 85690
Jex, I. *see* Paul, H. 89095
Jeyadevan, B., Suzuki, Y., Tohji, K., Matsuoka, I. Oxidation protective carbon layer for magnetic particles by surfactant reduction 115532
Jeyakumar, D. *see* Kottaisamy, M. 95978
Jeyakumar, R., Lakhmikumar, S.T., Rastogi, A.C., Chadha, G.K. Optical properties of ZnSe window layers in solar cells by two stage selenization technique 112419
Jeyakumar, V., Zaffaroni, A. Asymptotic conditions for weak and proper optimality in infinite dimensional convex vector optimization 82462
Jeyakumar, V. *see* Glover, B.M. 92545
Jeyappragash, J.J., Sivakumar, T.V., Sastry, V.V. Object oriented modeling, simulation and optimisation of power electronic circuits 121621
Jeyarani, K., Jayaram Hebbar, K. Fractal concept to the classification of crop and forest type in IRS data 111330
Jeyasurya, B. Power system voltage instability monitoring with artificial neural networks 71010
Jeynes, C. *see* Stojanovic, M. 94585
Jeynes, C. *see* Stojanovic, M. 114799
Jeys, T.H. Multipass optical parametric amplifier 96712
Jezek, K. *see* Gogineni, S. 120859
Jezek, K. *see* Nassar, E. 111277
Jezek, K.C. *see* Baggeroer, P.A. 120658
Jezek, K.C. *see* Hong-Gyoo Sohn 120814
Jezek, K.C. *see* Noltimier, K.F. 120813
Jezek, K.C. *see* Zabel, I.H.H. 80666

Jezequel, J.Y. *see* Petillon, N. 65589
Jezequel, M. *see* Berrou, C. 97435
Jezernik, K. Robust induction motor control for electric vehicles 91884
Jezernik, K. *see* Podlogar, V. 102709
Jezewski, J., Wrobel, J., Horoba, K., Graczyk, S., Gacek, A. Coping with limitations of Doppler ultrasound fetal heart rate monitors 110781
Jezewski, J., Wrobel, J., Horoba, K., Palko, T., Adamowicz, R. Ergonomic visualization of cardiotocographic data in computerized fetal monitoring system 110666
Jezewski, J. *see* Graczyk, S. 110863
Jeziorski, A. *see* Amanowicz, M. 108089
Jezzard, P. *see* Ye, F.Q. 120338
Jha, A. *see* Marchese, D. 64605
Jha, A. *see* Marchese, D. 75388
Jha, A.R. Application of HTSC-thin films in microwave bandpass filters 73703
Jha, A.R. Narrowband solid state acousto-optic tunable filter 95889
Jha, C.S. *see* Shridhar, L. 121479
Jha, C.S. *see* Shridhar, L. 121480
Jha, I.S. *see* Dwivedi, P.K. 80833
Jha, K.K. *see* Gupta, H.K. 76596
Jha, K.K. *see* Verma, A.K. 97095
Jha, K.K. *see* Verma, A.K. 107885
Jha, N.k. *see* Lakshminarayana, G. 93240
Jha, N.K. *see* Raghunathan, A. 82857
Jha, P.K., Dutt, N.D. High-level library mapping for arithmetic components 61859
Jha, R.K. *see* Tiwari, T. 73922
Jha, R.K. *see* Tiwari, T. 73923
Jha, R.K. *see* Tiwari, V.N. 76548
Jha, R.K. *see* Tiwari, V.N. 76595
Jha, R.M. *see* Vinoy, K.J. 78993
Jha, S., Fry, M. Continuous media playback and jitter control 98853
Jhajharia, S.K., Wang, H.S. Training diploma students on ATE-related module 60477
Jhang, K.-S., Ha, S., Jhon, C.S. COP: a Crosstalk OPtimizer for gridded channel routing 63864
Jhanji, S. *see* Bhushan, B. 101801
Jhaveri, M. *see* Farag, S.F. 91997
Jhee, Y.-K. *see* Kim, C.-H. 68509
Jhee, Y.K. *see* Cho, H.S. 78579
Jhee Yoon Kyoo *see* Yoon Kyoo Jhee
Jhing-Fa Wang *see* Liang-Ying Liu 97478
Jhon, C.S. *see* Jhang, K.-S. 63864
Jhon, M.S. *see* Gatzen, H.H. 115763
Jhon, M.S. *see* Peck, P.R. 75243
Jhon Young Min *see* Young Min Jhon
Jhong Sam Lee, Miller, L.E. On the Erlang capacity of CDMA cellular systems 88215
Jhoon-Sheok Kim *see* Jul-Ki Seok 121970
Jhunjhunwala, A., Ramamurthi, B. Wireless in local loop: Some key issues 67960
Jhunjhunwala, A., Ramamurthi, B. Wireless in Indian telecom network 109469
Jhy-Rong Chen, Tai-Haur Kuo An efficient design method for the modulator of high-order $\Sigma\Delta$ ADCs 104631
Ji, C.-H., Park, J.-S., Jang, J.-S., Jeong, S.I. Optical implementation of two-stage free-space interconnection network using hologram arrays 118742
Ji, H., Hui, J.Y. Statistical resource allocation and pricing in broadband communication networks 108947
Ji, H., Prager, S.C., Almagri, A.F., Sarff, J.S., Yagi, Y., Hirano, Y., Hattori, K., Toyama, H. Measurement of the dynamo effect in a plasma 71346
Ji, H. *see* DeSimone, A. 108951
Ji, T.-L. *see* Blume, H. 89287
Ji, W., Fang, H., Tang, S.H. Optical nonlinearities in GaP induced by photo-excited free carriers 74245
Ji, W., Venkatasubramanian, V. Hard-limit induced chaos in a fundamental power system model 80751
Ji, Y., Davis, R. Toward more accurate predictions of energy use and light output for 2 by 4 ft luminaires 71891
Ji, Y., Fujita, M. A cylindrical Fresnel zone antenna 108026
Ji Chen, Lo, T.K.Y., Leung, H., Litva, J. The use of fractals for modeling EM waves scattering from rough sea surface 90828
Ji Cheng Yang, Jing Sua Goh Double through-transmission ultrasonic inspection of plastic IC packages 72329
Ji Cheng Yang *see* Sung Yi 72300
Ji Chengzhou *see* Chengzhou Ji
Ji Fang *see* Gao, R.X. 85807
Ji Feng *see* Ma Jin 105171
Ji Guang-Rong *see* Guang-Rong Ji
Ji Hantao *see* Zhu Ruikang 97636
Ji Hong Kim, Man Young Rhee Analysis of stream cipher system with initial condition and nonlinear function 86049
Ji Hongbin *see* Hongbin Ji
Ji Hongbing *see* Fan Laiyao 86164
Ji Hua, Xie Li A distributed computing model based on multiserver 118393
Ji Hua, Zou Xiaobo, Xie Li Design and implementation of an effective broadcasting algorithm 98492
Ji Hwan Ryeo *see* Ik Soo Lee 73604
Ji Jeong-Keun *see* Jeong-Keun Ji
Ji Jiankang *see* Jiankang Ji
Ji Kangning *see* Fan Min 64792
Ji Lijiu *see* Shi Yunhua 82996
Ji Liu *see* Liu Ji
Ji Min *see* Min Ji
Ji Pei Yuan *see* Yuan Ji Pei
Ji Peirong, Zhang Yuwen, Jian Zuoqun An electricity forecasting system by exponent-smoothing method 91073
Ji Rongbin *see* Liu Zugang 64950
Ji Sung Oh, Young Mo Chung, Sang Uk Lee A carrier synchronization technique for OFDM on the frequency-selective fading environment 117956
Ji Taek Kim *see* Soo Chang 107703
Ji Taek Yoon *see* In Gyu Park 121705
Ji Weijun *see* Weijun Ji
Ji Wu, Jingshan Jiang Near-field effect of extended targets on absolute calibration of microwave sensors 111328
Ji Wu, Lin Lin A novel design of return signal simulator for radar altimeters 109759
Ji Xian, Zhu Ali, Cheng Shixin Complex sliding-exponential window RLS and its square-root implementation for adaptive equalization 77060
Ji Xian *see* Xian Ji
Ji Yi Yang *see* Kow Ming Chang 92910
Ji Yong *see* Sun Yuanzhang 80906
Ji Yuandong *see* Yuandong Ji
Ji Zhang *see* Zhang Ji
Ji Zhao, Hung-Sheng Chen, Teng, C.S., Moberly, L. Improved analog hot-carrier immunity for CMOS mixed-signal applications with LATID technology 63946
Ji Zhao *see* Hung-Sheng Chen 63968
Ji Zhao *see* Hung-Sheng Chen 106231
Ji Zhe *see* Zhe Ji
Ji Zhengming *see* Zhengming Ji
Ji-Chen Yang *see* Yang Ji-Chen
Ji-Chien Lee *see* Hung-Wei Chen 76769
Ji-Chyun Liu, Hsi-Chiang Chou, Ju-Chi Chung, Po-Chiang Lu Accurate measurement of the Q factor for the cavity perturbation method 119844
Ji-Guang Sun Optimal backward perturbation bounds for the linear least-squares problem with multiple right-hand sides 60947
Ji-Heup Kim *see* Seung-Kwon Paek 109931
Ji-Ho Ryoo *see* Bok-Gil Choi 79283
Ji-Hoon Lee *see* Hyung-Jong Lee 85627
Ji-Hun Kim *see* Seoung-Jun Oh 108666
Ji-Jun Sun *see* Zhao-Hua Cheng 75086
Ji-Jun Sun *see* Sun Ji-Jun
Ji-Kwang Lee *see* Dong-Hun Kim 81957
Ji-Lun Pan *see* Li-Qun Gu 106903
Ji-Nan Lin *see* Hong-Qing Xu 83246
Ji-Ten Sun *see* Chau, Y.A. 68106
Ji-Tsu Wu, Been-Hwang Liao, Chi-Yuan Wu, Wu-Jhy Chiu The operations support system for transmission network in Taiwan 118248
Ji-Yi Yang *see* Kow-Ming Chang 72880
Ji-Yoon Yoo *see* In-Ho Lee 81553
Ji-Yoon Yoo *see* Sang-Lak Lee 99790
Ji-Yuan Fan, Lan Zhang, McDonald, J.D. Distribution network reconfiguration: single loop optimization 102105
Jia, A.W. *see* Yamada, T. 83858
Jia, J. *see* Ngoi, K.P. 67296
Jia, J.C. *see* Chong, C.C. 120663
Jia, J.C. *see* Ngoi, K.P. 87047
Jia, J.J. *see* Sutherland, D.G.J. 84146
Jia, L. *see* Bunce, G. 100643
Jia, Q.X., Chang, L.H., Ho, K.K., Anderson, W.A. Nanolayer BaTiO$_3$ thin film capacitors using magnetron sputtering 75058
Jia, Q.X., Wu, X.D., Song, G., Foltyn, S.R. Role of substrates for heteroepitaxial growth of low room-temperature resistivity RuO$_2$ thin films deposited by pulsed laser deposition 82613
Jia, Q.X. *see* Findikoglu, A.T. 93835
Jia, Q.X. *see* Findikoglu, A.T. 106644
Jia, W., Cao, J., Nett, E., Kaiser, J. A high performance reliable atomic group protocol 87446
Jia, W. *see* Cao, J. 108846
Jia, Y. *see* Burland, D.M. 115995
Jia, Y. *see* Lundquist, P.M. 75413
Jia, Y. *see* Lundquist, P.M. 116785
Jia, Y. *see* Wortmann, R. 106757
Jia, Y.B., Grimmeiss, H.G. Photoexcited states of DX centers in Si doped Al$_x$Ga$_{1-x}$As 114599
Jia, Y.B., Grimmeiss, H.G. Metastable states of Si donors in Al$_x$Ga$_{1-x}$As 114619
Jia, Y.B., Grimmeiss, H.G., Dobaczewski, L. Deep acceptorlike states in Si doped molecular-beam-epitaxial-grown Al$_x$Ga$_{1-x}$As 94328
Jia, Y.B., Han, Z.Y., Grimmeiss, H.G., Dobaczewski, L. Deep levels in uniformly Si doped GaAs/Al$_x$Ga$_{1-x}$As quantum wells and superlattices 105345
Jia, Y.Q., Shi, R.C., Chou, S.Y. Spin-valve effects in nickel/silicon/nickel junctions 115553
Jia, Y.Q., Zhang, L.Z., Zhang, B.R., Yao, G.Q., Duan, J.Q., Qin, G.G. Observation of the 1.75 eV luminescence band in porous silicon obtained by stain etching 64910
Jia Hong Yin, Velastin, S.A., Davies, A.C. Image processing techniques for crowd density estimation using a reference image 87033
Jia Huamin *see* Huamin Jia
Jia Jiancheng *see* Jiancheng Jia
Jia Kechang *see* Kechang Jia
Jia Li *see* Li-Qun Gu 106903
Jia Lixin *see* Lixin Jia
Jia Ming *see* Ming Jia
Jia Qika *see* Li Ge 69603
Jia Ruijin, Wang Fengxia Methods of atmospheric radiation measurement at mm-band 79095
Jia Shilou *see* Shilou Jia
Jia Shunlian *see* Wang Cong 75309
Jia Tianxu, Zheng Nanning Multiscale edge detection based on Bubble wavelet 98269
Jia Tzer Hsu, Vu-Quoc, L. A rational formulation of thermal circuit models for electrothermal simulation. I. Finite element method [power electronic systems] 104320
Jia Tzer Hsu, Vu-Quoc, L. A rational formulation of thermal circuit models for electrothermal simulation. II. Model reduction techniques [power electronic systems] 104321
Jia Wei *see* Gong Ping 95639
Jia Weijia *see* Weijia Jia
Jia Weiyi *see* Weiyi Jia
Jia Xiang-Luan *see* Xiang-Luan Jia
Jia Xiaochuan, Li Qingfu The digital simulation of 11 phase brushless exciter 71244
Jia Xiaochuan, Li Qingfu The digital simulation model of a brushless DC generator 71341
Jia Xiaohua *see* Xiaohua Jia
Jia Xiaoping *see* Xiaoping Jia
Jia Xiuping *see* Xiuping Jia
Jia Yi Liang, Aitchison, C.S. A proposal of a broadband high gain block using cascaded single-stage distributed amplifiers 62315
Jia Yi Liang, Aitchison, C.S. 20 GHz broadband optical receiver using a distributed amplifier and pin photodiode combination with a matched input termination 68372
Jia Yi Liang, Aitchison, C.S. The noise performance of 20 GHz optical receivers using a distributed amplifier and p-i-n photodiode combination with matched and unmatched input terminations 88585
Jia Yi Liang, Aitchison, C.S. The noise performance of a broadband optical receiver using a distributed amplifier and p-i-n photodiode combination 99586
Jia Yirong, Yang Wenying, Lu Ping, Li Yefan, Fan Junqing, Xu Chengjie Acousto-optic deflection addressing switch with multiplex channel 64834
Jia Yirong *see* Yirong Jia
Jia Yubing, Kang Shouwan, Zhuang Wanru Theoretical analysis for TIR optical waveguide switch 97219
Jia Zhenhong *see* Zhou Jun 100274
Jia Zhenhong *see* Zhou Jun 117733
Jia Zhong *see* Wang Shikui 93475
Jia-Chuan Lin *see* Shui-Jinn Wang 94893
Jia-Hong Gao, Jinhu Xiong, Song Lai, Haacke, E.M., Woldorff, M.G., Jinqi Li, Fox, P.T. Improving the temporal resolution of functional MR imaging using keyhole techniques 90379
Jia-Hong Gao, Miller, I., Song Lai, Jinhu Xiong, Fox, P.T. Quantitative assessment of blood inflow effects in functional MRI signals 120345
Jia-Jin Chen *see* Tzyh-Yi Sun 80391
Jia-Jin J. Chen *see* Gwo-Ching Chang 120434
Jia-Jung Wang *see* Drzewiecki, G. 70156
Jia-Lin Chen *see* Hong-Ming Chen 106358
Jia-Lin Shieh *see* Ming-Ta Yang 95045
Jia-Lung Wang *see* Geng-Lin Chen 108472
Jia-Min Shieh, Hwa-Ming Twu, Ci-Ling Pan Effects of intracavity dispersion on the starting dynamics of continuous-wave passively mode-locked Ti:sapphire/DDI lasers 96178
Jia-Min Shieh *see* Chin, A. 83844
Jia-Qi Liang *see* Chang-Jun Zhu 116301
Jia-Qi Liang *see* Itatani, J. 116427
Jia-Qi Liang *see* Orimo, S. 116302
Jia-Shan Bao *see* Ke-Xi Xu 84928
Jia-Shan Bao *see* Kexi Xu 89100
Jia-Sheng Hong *see* Lancaster, M.J. 93696
Jia-Shing Liu, Po-Chien Lu, Shu-Hsun Chu Measurements of flow through enlarged models of artificial bileaflet heart valves 80484
Jia-Yin Wang, Mao-Chao Lin A multilevel and single-stage trellis coded modulation scheme 97452
Jia-Yush Yen *see* Win-Li Lin 120488
Jia-Zhu Wang, Reinstein, L.E., Hanley, J., Meek, A.G. Investigation of a phase-only correlation technique for anatomical alignment of portal images in radiation therapy 80451
Jiaan-Yow Lin *see* Meng-Yueh Chang 121713
Jiabi Zhu, Abd-El-Barr, M., McCrosky, C. A new theory for testability-preserving optimization of combinational circuits 113653
Jiabin Cheng *see* Cheng Jiabin
Jiacang Wang *see* Wang Jiacang
Jiachang Liang, Junhua Jiang, Jialong Zhao, Ying Gao Studies on 0.96 and 0.84 eV photoluminescence emissions in GaAs epilayers grown on Si 62750
Jiachang Wang *see* Wang Jiachang
Jiachun Deng, Yongfa Kong, Jiang Li, Jinke Wen, Bing Li Reduction of laser-induced dark traces in LiNbO$_3$:Mg and LiNbO$_3$:Zn by heat treatment 85684
Jiachun Hu *see* Hu Jiachun
Jiacong Shen *see* Yi Yang 85308
Jiadong Hua *see* Hua Jiadong
Jiaer Chen *see* Chen Jiaer
Jiafang Du *see* Xiaofeng Gu 95863
Jiafang Du *see* Du Jiafang
Jiaheng Tang *see* Tang Jiaheng
Jiahong, S. *see* Yubin, G. 74076

Jiahong Sun *see* Wenxiang Wang 104805
Jiahua Song *see* Song Jiahua
Jiahui Gu *see* Gu Jiahui
Jiaju Qiu *see* Qiu Jiaju
Jiajun Deng *see* Deng Jiajun
Jiajun Qian *see* Ning Wang 64853
Jiali He *see* He Jiali
Jialie, R. *see* Xudong, Z. 107654
Jialin Xie Free electron laser research in China 76070
Jialin Zou, Bhargava, V.K. On soft handoff, Erlang capacity and service quality of a CDMA cellular system: reverse link analysis 88354
Jialong Ge *see* Ge Jialong
Jialong Zhao *see* Jiachang Liang 62750
Jialong Zhao *see* Zhao Jialong
Jiaming Wang *see* Wang Jiaming
Jiamo Chen *see* Chen Jiamo
Jian, B.B. Continuous-wave operation of monolithic two-mode optical flip-flop with etched laser mirrors 116624
Jian, G., You, H. Performance analysis of OSCAGO-CFAR detector under clutter edge situation 78990
Jian, H.-C. *see* Tsao, S.-L. 75536
Jian, J.F. *see* Yang, W.C. 64549
Jian, Z. *see* Guohong, T. 69009
Jian Chen *see* Peng, J.Z. 84392
Jian Chen *see* Yuan Tang 115216
Jian Chen *see* Chen Jian
Jian Chen Shi *see* Leung Tsang 97042
Jian Cui, Falconer, D.D., Sheikh, A.U.H. SINR of antenna array with a large number of interfering users 117081
Jian Dong Hu *see* Hu Jian Dong
Jian Fan *see* Laine, A. 67093
Jian Fang, Yushen Zhao, Weigan Lin Design of a dual-reflector antenna with nonuniform amplitude and phase distributions 76583
Jian Feng, Kwok-Tung Lo, Mehrpour, H., Karbowiak, A.E. Cell loss concealment method for MPEG video in ATM networks 86715
Jian Gao *see* Gao Jian
Jian Gong *see* Baixuan Shi 61496
Jian Gong *see* Kingsland, D.M. 85928
Jian Hua Wu *see* Smoliar, S.W. 79179
Jian Huang *see* Cailan Xiang 84534
Jian Huang *see* Guoxiang Gu 66644
Jian Huang *see* Huang Jian
Jian Li, Gupta, R.K. HDL optimization using timed decision tables 83017
Jian Li, Stoica, P. An adaptive filtering approach to spectral estimation and SAR imaging 78998
Jian Li, Zelnio, E.G. Target detection with synthetic aperture radar 68553
Jian Li *see* Javidi, B. 117207
Jian Li *see* Javidi, B. 117630
Jian Liu, Azzam, R.M.A. Infrared quarter-wave reflection retarders designed with high-spatial-frequency dielectric surface-relief gratings on a gold substrate at oblique incidence 116182
Jian Liu, Makki, R. Power supply current detectability of SRAM defects 61890
Jian Liu, Zhiming Chen, Yanru Zhong A new microwave power source and its application 83760
Jian Liu *see* Jie-Xin Li 65556
Jian Lu, Algazi, V.R., Estes, R.R., Jr. Comparative study of wavelet image coders 117759
Jian Lu *see* Xiao-Wu Ni 75724
Jian Lu *see* Lu Jian
Jian Luo *see* McLaughlin, S.W. 66321
Jian Ma An output buffered ATM switch with a two-class priority discarding scheme 117974
Jian Ma *see* Sasaki, H. 95907
Jian Mao *see* Xian Ji 88327
Jian Mi, Warren, P., Gailhanou, M., Ganiere, J.-D., Dutoit, M., Jouneau, P.-H., Houriet, R. Epitaxial growth of Si$_{1-x-y}$Ge$_x$C$_y$ alloy layers on (100) Si by rapid thermal chemical vapor deposition using methylsilane 82635
Jian Peng *see* Medina, M.C. 97319
Jian Qian *see* Chih-Wei Chang 92981
Jian Ren *see* Ren Jian
Jian Shen A block finite difference scheme for second-order elliptic problems with discontinuous coefficients 61109
Jian Shuisheng *see* Chen Genxiang 113355
Jian Shuisheng *see* Wang Wei 106827
Jian Shyu Shyong *see* Shyong Jian Shyu
Jian Song, Chongcheng Fan, Zhixing Yang A new scheme in equally-spaced channel WDM+EDFA terrestrial systems to depress fiber dispersion and FWM effects 119177
Jian Song, Chongcheng Fan, Zhixing Yang, Yan Yao, Chongxi Feng Signal restoration and BER performance of perturbed terrestrial cascaded EDFA systems 88520
Jian Sun, Beineke, S., Grotstollen, H. Optimal PWM based on real-time solution of harmonic elimination equations 81575
Jian Sun *see* Sun Jian
Jian Teng, de Tournai, D.C., Duhamel, F., Vander Vorst, A. No nonthermal effect observed under microwave irradiation of spinal cord 120544
Jian Wang, Griesinger, U.A., Adler, F., Schweizer, H., Harle, V., Scholz, F. Size effect upon emission dynamics of 1.5 μm quasi-quantum wire distributed feedback semiconductor lasers 85478
Jian Wang, Griesinger, U.A., Schweizer, H. Direct determination of carrier capture times in low-dimensional semiconductor lasers: the role of quantum capture in high speed modulation 107297
Jian Wang *see* Chinghong Yiu 114788
Jian Xiao *see* Xiao Jian
Jian Xie, Ohrband, W., Maul, D. Low-loss short-circuit testing device for overhead contact lines 112487
Jian Xue *see* Xue Jian
Jian Yuan Xu *see* Xu Jian Yuan
Jian Zhang Mobile image handling 78234
Jian Zhang, Hong-Shen Wang, Tian-Hu Yu Implementation of a low delay modified CELP coder at 4.8 kb/s 76887
Jian Zhang, Tian-Hu Yu A robust 6 kb/s low delay speech coder for mobile communication 67988
Jian Zhang *see* Zhang Jian
Jian Zhao *see* Zhao Jian
Jian Zhong *see* Zhong Jian
Jian Zhou *see* Zhou Jian
Jian Zou *see* Zou Jian
Jian Zuoqun *see* Ji Peirong 91073
Jian-Ao Lian *see* Chui, C.K. 72574
Jian-Bai Xia, Wei-Dong Sheng On the soft wall guiding potentials in realistic quantum waveguides 74773
Jian-Dong Yang, Xian-Deng Pei Seek time and trajectories of time optimal control for a dual stage optical disk drive actuator 116003
Jian-Gang Zhu, Lam, T., Yansheng Luo, Xiao-Guang Ye Nonlinear partial erasure and its correlation with transition noise in longitudinal thin-film media 64428
Jian-Gang Zhu, O'Connor, D.J. Recording limitations for SAL/MR and dual-stripe heads 115711
Jian-Gang Zhu, Xiao-Guang Ya, Yuan, S.W., Hua-Ching Tong, Rottmayer, R. Micromagnetics of dual spin-valve GMR heads 75252
Jian-Gang Zhu *see* Chang, T. 115710
Jian-Gang Zhu *see* Juren Ding 75096
Jian-Gang Zhu *see* Yansheng Luo 64429
Jian-Gang Zhu *see* Youfeng Zheng 115869
Jian-Guang Wu *see* Bing Xu 96217
Jian-Guo Huang *see* Huang Jian-Guo
Jian-Guo Ma, Jiqing Zhang Stability analysis of nonlinear microwave circuits in time domain 73688
Jian-Guo Ma, Wolf, I. Simulating the nonlinear microwave surface resistance of high-T$_c$ superconductor 115889
Jian-Guo Ma, Wolff, I. Electromagnetic behaviour of high-T$_c$ superconductors 64514
Jian-Guo Ma, Wolff, I. The chaotic oscillations of a Josephson junction with external magnetic field 64551
Jian-Guo Ma, Wolff, I. TE wave properties of slab dielectric guide bounded by nonlinear non-Kerr-like media 64735
Jian-Guo Ma, Wolff, I. The chaotic oscillations of a single Josephson junction with external magnetic fields 115922
Jian-Guo Wang, Mohan, A.S., Aubrey, T.A. Angles-of-arrival of multipath signals in indoor environments 107911
Jian-Guo Zhang New architecture for self-routing photonic switching with self-synchronization and optical processing 88061
Jian-Guo Zhang Performance analysis of optical fiber TDMA systems 88626
Jian-Guo Zhang, Kaewnin, M. Performance of two-level PAM and analogue PWM hybrid optical fiber transmission systems 109634
Jian-Guo Zhang, Kwong, W.C., Lian-Kuan Chen, Kwok-Wai Cheung A feasible architecture for high-speed synchronous CDMA distribution network using optical processing 78954
Jian-Guo Zhang, Maewnin, M. Digital two-level PAM and analogue PWM hybrid optical fiber transmission systems for TV and data applications 109633
Jian-Guo Zhang *see* Kwong, W.C. 109679
Jian-Hong Zhu, Da-Wei Gong, Bo Zhang, Fang Lu, Chi Sheng, Heng-Hui Sun, Xun Wang Hole confinement in boron δ-doped silicon quantum wells studied by deep-level transient spectroscopy 94551
Jian-Hua Dai *see* Ping Xie 65536
Jian-Hua Dai *see* Ping Xie 107603
Jian-Jang Huang, Yang, C.C., Ding-Wei Huang Carrier capture competition between two different quantum wells in dual-wavelength semiconductor lasers 65304
Jian-Jin Shi, Watanabe, Y. Formulation of the independence number of one-order graph associated with a linear code 117173
Jian-Jun Shi, Watanabe, Y. A bound on uniquely decodable code pair for two-user binary adder channel 77689
Jian-jun Wang *see* Wang Jian-jun
Jian-Jun Zheng *see* Ya-Lin Lu 107585
Jian-Lao Wu *see* Ping Xie 65536
Jian-Liang Chen, Che-Hsien Tsai, Sheng-Ching Jeng, Choy, M. Neuron-based connection acceptance strategy 118261
Jian-Min Li *see* Widjaja, I. 87349
Jian-Min Liu *see* Xiao-Ping Zhou 70169
Jian-Ming Jin, Weng Cho Chew Combining PML and ABC for the finite-element analysis of scattering problems 85843
Jian-Ming Jin *see* Ninglong Lu 76366
Jian-Ming Lan *see* Hong-Ming Chen 106358
Jian-Ming Shyu *see* Yao-Tsung Tsai 84366
Jian-Ni Sheng *see* Qi-Shuang Ma 107772
Jian-Ping Wang, De Hua Han, He Lie Luo, Liu, B., Hu, S.B., Low, T.S. Magnetic anisotropy of the Fe-SiO$_2$ and Fe$_{20}$Ni$_{80}$-SiO$_2$ granular solid measured using the magnetic relaxation method 115473
Jian-Ping Yu *see* Yu Jian-Ping
Jian-Ren Zhang *see* Zhi-Liang Chen 87626
Jian-She Wang A nodal analysis approach for 2D and 3D magnetic-circuit coupled problems 65747
Jian-She Wang Transient scattering using finite elements with curved absorbing boundaries 65781
Jian-She Wang Hierarchic "edge" elements for high-frequency problems 93734
Jian-She Wang Finite element computation of antenna impedance including feed modeling 97339
Jian-Sheng Wang Cluster Monte Carlo algorithms and their applications 82407
Jian-Shiang Chen *see* Chao-Shu Liu 91804
Jian-Shing Luo, Wen-Tai Lin Localized epitaxial growth of hexagonal and cubic SiC films on Si by vacuum annealing 92729
Jian-Wei Wan *see* Wan Jian-Wei
Jian-Wen Ren *see* Ren Jian-Wen
Jian-Xin Zhu, Wang, Z.D., Chang-De Gong Resonant tunneling of holes in double-barrier structures in the presence of an in-plane magnetic field 105232
Jian-Xin Zhu *see* Sheng, L. 75075
Jian-Xiu Wang *see* Wang Jian-Xiu
Jian-ying Zhou *see* Wei-liang Li 62748
Jian-Yu Liu *see* Yufei Bao 75659
Jian-Yu Liu *see* Yufei Bao 95864
Jian-Yu Lu Producing bowtie limited diffraction beams with synthetic array experiment 110678
Jianai Zhao *see* Jurberg, D.C. 99975
Jianan Hu *see* Hu Jianan
Jianbai Xia *see* Xia Jianbai
Jianbin Zhu *see* Zhu Jianbin
Jianbo Guo *see* Guo Jianbo
Jianchang Ma, Flynn, P.J., Jain, A.K. Integration of multiple feature groups and multiple views into a 3D object recognition system 77469
Jianchao Wang *see* Zavracky, P.M. 119663
Jianchao Zeng *see* Xueyin Lin 86781
Jiancheng, X., Yaning, C., Dingqin, C. Mass spectrographic analysis of InP material and its Hall coefficient measure 114642
Jiancheng Jia, Hock-Chuan Chua Coloured object identification with neural networks: a case study 97992
Jiancheng Shi *see* Zhen Li 120821
Jiancheng Shi *see* Zurk, L.M. 111264
Jiandi Zhang *see* Welipitiya, D. 92873
Jiandong Hu *see* Hu Jiandong
Jiandong Li *see* Li Jiandong
Jianen Guo *see* Zhong Cao 88457
Jianfan Wu *see* Wu Jianfan
Jianfei, X., Yanagiwara, M., Yoshimura, N. Influence of spherulites, spherulite distribution and annealing on tree initiation in polypropylene 75001
Jianfei Jiang *see* Jiang Jianfei
Jianfei Xiao *see* Maosheng Hao 103831
Jianfeng Liu *see* Liu Jianfeng
Jianfeng Ma *see* Ma Jianfeng
Jianfeng Zhang *see* Zhang Jianfeng
Jianfong Xin *see* Chih-Ho Yu 97988
Jiang, B. *see* Chu, P.Y. 64167
Jiang, C.-L., Heiney, A.J., Reysen, W.H. Optical design of a low cost fiber optic coupling device for data communication applications 75537
Jiang, C.Y. *see* Yue, T.M. 85780
Jiang, D. *see* Wang, H. 86916
Jiang, D.M. *see* Yuan Ji Pei 100741
Jiang, E.Y. *see* Sun, D.C. 61275
Jiang, F. *see* Choi, S.S. 101820
Jiang, F. *see* Salman, S.K. 91139
Jiang, F. *see* Shrestha, G. 80889
Jiang, G.-C. Characterization of praseodymium-doped InP epilayers grown by liquid-phase epitaxy 61221
Jiang, G.B. *see* Qi, W.J. 82668
Jiang, H., Elliman, R.G. Electrical evaluation of Al-p$^+$-Ge$_x$Si$_{1-x}$ ohmic contacts 105453
Jiang, H., Qi, L. Globally and superlinearly convergent trust-region algorithm for convex SC^1-minimization problems and its application to stochastic programs 92510
Jiang, H.W. *see* Van Keuls, F.W. 105298
Jiang, H.X. *see* Li, J.Z. 105153
Jiang, H.X. *see* Smith, M. 62736
Jiang, H.X. *see* Smith, M. 94364
Jiang, H.X. *see* Smith, M. 114774
Jiang, J. A novel parallel design of a codec for black and white image compression 78273
Jiang, J., Dong, J., Xu, Q., Xing, D.Y. Calculations on nonlinear second-order optical susceptibility of substituted fullerenes C$_{59}$X (X=B, N) 96673
Jiang, J., Htun, M., Kline, B., Lim, C., Rappoport, V. New digital processor for SPECT camera–correction of multiple-energy photon spatial distortion 101126
Jiang, J. *see* Shao, X. 89419
Jiang, J. *see* Zhuang, B. 107647
Jiang, J.S., Chien, C.L. Magnetization and finite-size effects in Gd/W multilayers 75171

Jiang, J.S., Davidovic, D., Reich, D.H., Chien, C.L. Superconducting transition in Nb/Gd/Nb trilayers 115913
Jiang, J.Z. *see* Chan, C.C. 71755
Jiang, M., Huang, X., Wang, Z., Sun, R., Ma, K. A new method for the study of surface torsional anchoring of nematic liquid crystals 89418
Jiang, M. *see* Kao, Y.-H. 107321
Jiang, N., Muraoka, H., Nakamura, Y. Submicronwidth multitrack single pole head for ultra high density perpendicular magnetic recording 115668
Jiang, N., Yagyu, H., Deguchi, M., Won, J.H., Mori, Y., Hatta, A., Kitabatake, M., Ito, T., Hirao, T., Sasaki, T., Hiraki, A. Structural modification of ion-implanted and postannealed polycrystalline diamond studied by transmission electron microscopy 94233
Jiang, N. *see* Won, J.H. 61374
Jiang, Q., Yang, H.-N., Wang, G.-C. Field dependent resonance frequency of hysteresis loops in a few monolayer thick Co/Cu(001) films 64285
Jiang, Q. *see* Fu, P. 96618
Jiang, S. *see* Weng, W.-D. 97147
Jiang, S.C. *see* Shi-Dong Liang 83948
Jiang, S.S. *see* Wu, X.L. 83959
Jiang, S.S. *see* Zeng, W. 92723
Jiang, W., Teo, C.Y. A knowledge-based approach for bulk power system restoration 70764
Jiang, W. *see* Mao, Y. 111360
Jiang, W. *see* Teo, C.Y. 80940
Jiang, W.N. *see* Parikh, P.A. 84611
Jiang, X., Paul, M., Klages, C.-P. Deposition of heteroepitaxial diamond films on 2 in silicon substrates 72826
Jiang, X. *see* Hoover, A. 97881
Jiang, X. *see* Sadek, K. 111571
Jiang, X.L., Li, L., Kumar, J., Tripathy, S.K. Large second harmonic generation with in-plane anisotropy induced by photoassisted poling in azobenzene containing polymer films 107550
Jiang, X.Q., Kemp, J., Ning, Y.N., Palmer, A.W., Grattan, K.T.V. Accurate wavelength determination in a Wollaston interferometer for sensor applications 89538
Jiang, X.Q. *see* Marshall, R.H. 79485
Jiang, X.R. *see* Kruit, P. 85802
Jiang, X.Y., Hoover, A., Jean-Baptiste, G., Goldgof, D., Bowyer, K., Bunke, H. A methodology for evaluating edge detection techniques for range images 86854
Jiang, Y., Ekstrom, A. Applying PWM to control overcurrents at unbalanced faults of forced-commutated VSCs used as static VAr compensators 91029
Jiang, Y. *see* Henderson, T. 89790
Jiang, Y.P. *see* Chukwujekwu Okafor, A. 82780
Jiang, Z. *see* Chonan, S. 84725
Jiang, Z. *see* Williams, K.A. 65245
Jiang, Z.W. *see* Tanaka, M. 115447
Jiang, Z.X. *see* McKinnie, I.T. 107203
Jiang, Z.X. *see* Ryu, S.R. 105372
Jiang Bei, Mai Boqiang The survey of the applications of simulated evolutionary optimisation methods to power systems 80790
Jiang Bei, Mai Boqiang Interface design of Zhuhai power dispatching automation system in connection with integrated substation automation system 80909
Jiang Bo *see* Tang Yong 95656
Jiang Chun, Zhang Junzhou, Zhuo Dunshui Investigation on removal of OH group in $BaO-P_2O_5$ and $R_2O-BaO-P_2O_5$ system phosphate laser glasses by means of RAP method 75874
Jiang Chun *see* Chun Jiang
Jiang Cunhong *see* Cunhong Jiang
Jiang Dan *see* Dan Jiang
Jiang Dazhen *see* Zhang Xiaoming 67326
Jiang Desheng *see* Desheng Jiang
Jiang Dongxing *see* Hua Hui 69820
Jiang Feng *see* Feng Jiang
Jiang Fukang *see* Fukang Jiang
Jiang Gao *see* Gao Jiang
Jiang Guo-Bao *see* Guo-Bao Jiang
Jiang Gwocherng Gettering properties of praseodymium in GaAs, $In_{0.53}Ga_{0.47}As$, and InP grown by liquid phase epitaxy 82634
Jiang Hong, Yang Wei-Qin, Yang You-Tang State space modeling of random drift rate in high-precision gyro 101480
Jiang Hong *see* Hong Jiang
Jiang Hongbing *see* Hongbing Jiang
Jiang Houyuan *see* Houyuan Jiang
Jiang Hua *see* Hua Jiang
Jiang Huabei *see* Huabei Jiang
Jiang Huiqiang *see* Wei Qidong 112421
Jiang Jianfei, Cai Qiyu, Tang Yusheng, Zhou Zhengli A general small signal transmission line model of the superconducting field effect devices 106685
Jiang Jianmin *see* Jianmin Jiang
Jiang Jianping, Li Yanhe, Wu Jianping, Xu Zhizhi Detection of carrier density modulation in semiconductor devices using laser beam probe 84505
Jiang Jin *see* Jin Jiang
Jiang Jingping *see* Wang Je 81946
Jiang Jingshan *see* Li Maotang 111122
Jiang Jingshan *see* Jingshan Jiang
Jiang Junhua *see* Junhua Jiang
Jiang Kexun *see* Huang Jian 102810
Jiang Lai *see* Lai Jiang
Jiang Li *see* Anil Kumar, A. 115975
Jiang Li *see* Delong Zhang 116420
Jiang Li *see* Jiachun Deng 85684
Jiang Li *see* Li Jiang
Jiang Liang *see* Liang Jiang
Jiang Liao Fu *see* Fu Jiang Liao
Jiang Lu *see* Lu Jiang
Jiang Min *see* Min Jiang
Jiang Min-Hua *see* Fang Qi 85625
Jiang Minhua *see* Shen Deyuan 65158
Jiang Minhua *see* Xu Hongyao 106818
Jiang Minhua *see* Minhua Jiang
Jiang Ping *see* Chen Huitang 110365
Jiang Pisu *see* Pisu Jiang
Jiang Qian, Mitsa, T., Hoffman, E.A. Contour/surface registration using a physically deformable model 110712
Jiang Qing *see* Qing Jiang
Jiang Qingshan *see* Qingshan Jiang
Jiang Qirong *see* Xiu Lincheng 111515
Jiang Quanzhong *see* He Shunzhong 65485
Jiang Quanzhong *see* Zhou Zhongxiang 76104
Jiang Rong-Lin *see* Rong-Lin Jiang
Jiang Shibin *see* Shibin Jiang
Jiang Shicheng *see* Shicheng Jiang
Jiang Song *see* Wang Ming 118336
Jiang Taihui, Zhang Youwei, Gan Junying A new algorithm for adaptive line spectral pair filter and its convergence behaviour 117281
Jiang Tao, Chen, J.F., Cheung, N.W., Chenming Hu Modeling and characterization of electromigration failures under bidirectional current stress 63418
Jiang Tao, Chen, J.F., Cheung, N.W., Chenming Hu Electromigration design rules for bidirectional current 94841
Jiang Tao *see* Tao Jiang
Jiang Wei-Sun *see* Wei-Sun Jiang
Jiang Weiping *see* Zeng Zhaohua 71600
Jiang Wen-Jang *see* Wen-Jang Jiang
Jiang Wenbin *see* Wenbin Jiang
Jiang Wenhan *see* Hu Zhaohui 119635
Jiang Xianzuo *see* He Guoyu 65975
Jiang Xianzuo *see* He Guoyu 97085
Jiang Xiaohong *see* Xiaohong Jiang
Jiang Xiaoqing, Yang Jianyi, Wang Minghua Properties of metal-clad dielectric waveguides in near cutoff 97232
Jiang Xiaorong *see* Song Pengto 120981
Jiang Xiaorong *see* Xu Zhengshan 111695
Jiang Xifan *see* Li Xiaoqian 92331
Jiang Xinli *see* Xinli Jiang
Jiang Xiuchen *see* Li Feng 81507
Jiang Xiuying *see* Liu Ying 65298
Jiang Xiuying *see* Liu Ying 96390
Jiang Xue-yin *see* Zhang Zhi-lin 85306
Jiang Xueyin *see* Liu Zugang 64950
Jiang Xuezhong *see* Xuezhong Jiang
Jiang Yicheng, Liu Yongtan, Wang Jinrong Using range profiles to identify ground targets 109796
Jiang Yijing *see* Huang Youqin 90956
Jiang Ying *see* Ying Jiang
Jiang Yonghong *see* Gao Qing 111692
Jiang Yu Zheng Constructing a visual memory in terms of uniqueness 86678
Jiang Yu Zheng, Kakinoki, H., Tanaka, K., Abe, N. Acquiring 3D models from fixed points on rotational objects 97943
Jiang Yunqing, Wang Yuanzhang Some features of a hole coupling resonator for waveguide FIR-FEL 116572
Jiang Zejia *see* Li Ronglin 66073
Jiang Zeming *see* Wu Fang 116051
Jiang Zheng *see* Yao Li 95172
Jiang Zhifeng *see* Zhifeng Jiang
Jiang Zhiping *see* Zhiping Jiang
Jiang Zhiying *see* Chen Huitang 110365
Jiang Zhong-Tao *see* Zhong-Tao Jiang
Jiang Zhonghong *see* Zhonghong Jiang
Jiang Zhongnong *see* Zhongnong Jiang
Jiang Zhuamgui, Gan Yu, Sun Shiqian Research on drawing phase-trace of two-order state equations by Euler method 82885
Jiang Zhuqing *see* Zhuqing Jiang
Jiang Ziping *see* Ziping Jiang
Jiang Zongfu *see* Zongfu Jiang
Jiang Zuimin *see* Zuimin Jiang
Jiang-Guo Chen *see* Ansari, N. 66612
Jiang-Whai Dai, Kwang-Cheng Chen Randomly addressed polling with imperfect physical transmission 108856
Jiangang Xia, Dunn, D.B., Ting-Chung Poon, Banerjee, P.P. Image edge enhancement by Bragg diffraction 86344
Jiangang Xia *see* Dunn, D.B. 66959
Jiangang Xia *see* Dunn, D.B. 95892
Jiangao Zhao *see* Zhao Jiangao
Jiangde Pang *see* Zhixing Yang 119205
Jiangjun Yang *see* Yang Jiangjun
Jianglei Ma *see* Ma Jianglei
Jiangling Zhang, Zikun Wan, Wei Zhang, Zhengwen Xiao The ultra high track density head positioning method of disk drives 115778
Jiangling Zhang *see* Zhang Jiangling
Jiangnan Zhang *see* Zhang Jiangnan
Jiangtao Wen, Xuelong Zhu An improved direct inverse problem solver for fractal interpolation functions with applications to signal compression 86251
Jiangtao Wen, Xuelong Zhu A novel DCT and FTC based hybrid still image compression algorithm 87233
Jiangtao Xi, Chicharo, J.F. A new algorithm for improving the accuracy of periodic signal analysis 88962
Jianguo, W. *see* Hanqing, Y. 76526
Jianguo Cai *see* Cai Jianguo
Jianguo Chen *see* Chen Jianguo
Jianguo Fang *see* Fang Jianguo
Jianguo Lu *see* Lu Jianguo
Jianguo Xin *see* Xin Jianguo
Jianguo Xu On optimum feedback for simultaneous input power and noise matched amplifier 62246
Jianguo Xu *see* Xu Jianguo
Jianguo Ye *see* Ye Jianguo
Jianguo Zhang, Wong, S., Andriole, K.P., Wong, A., Huang, H.K. Real time multilevel process monitoring and control of CR image acquisition and preprocessing for PACS and ICU 110722
Jianguo Zhang *see* Huang, H.K. 111013
Jianguo Zhang *see* Lee, J.K. 111005
Jiangzhou Wang LMS filters for cellular CDMA overlay 118956
Jiangzhou Wang Microcellular CDMA mobile communications 119089
Jiangzhou Wang, Milstein, L.B. Adaptive LMS filters for cellular CDMA overlay situations 119016
Jiangzhou Wang, Moeneclaey, M. Predetection diversity for CDMA indoor radio communications 68156
Jianhao Meng, Shih-Fu Chang Tools for compressed-domain video indexing and editing 66924
Jianhong Du The fast-speed evaluation method of the tapered transmission lines used in broadband matching devices 60650
Jianhua Chen *see* Brooks, R.R. 77345
Jianhua Lu, Chuang, J.C.-I. Wireless networking architecture and signaling for rapid deployment of rural communications 119046
Jianhua Luo *see* Luo Jianhua
Jianhua Pan *see* Pan Jianhua
Jianhua Wang *see* Wang Jianhua
Jianhua Xuan, Adali, T. Task-specific segmentation of remote sensing images 111137
Jianhua Yang *see* Yang Jianhua
Jianhua Yin *see* Yin Jianhua
Jianhua Zhang *see* Zhang Jianhua
Jianhua Zhu, Lurong Guo, Hongjun Zeng, Jiyue Tang Research on imaging mechanism and characteristics of a novel photoetching holographic recording material: photoetching cellulose film (PCF) 96814
Jianhui Wu *see* Wu Jianhui
Jianhui Zhou *see* Paiella, R. 65511
Jianhui Zhou *see* Vahala, K. 65239
Jianhui Zhou *see* Vahala, K.J. 65484
Jianhui Zhou *see* Yao, M. 75848
Jianing Zhu *see* Zhu Jianing
Jianjian Song, Heng Kek Choo, Wehjun Zhuang A new model for general connectivity and its application to placement 93024
Jianjuan Wang *see* Wang Jianjuan
Jianjun Deng *see* Deng Jianjun
Jianjun Fu *see* Cailan Xiang 84534
Jianjun Hu *see* Hu Jianjun
Jianjun Li *see* Li Jianjun
Jianjun Luo *see* Luo Jianjun
Jianjun Ma, Weizhong Tang, Wen Zhou Optical-fiber sensor for simultaneous measurement of pressure and temperature: analysis of cross sensitivity 110178
Jianjun Wu, Aghvami, A.H. A new adaptive equalizer with channel estimator for mobile radio communication 99224
Jianjun Yang *see* Yang Jianjun
Jianjun Yu *see* Yu Jianjun
Jianjun Zhou *see* Zhou Jianjun
Jiankang Hao *see* Hao Jiankang
Jiankang Ji, van der Keur, P., Thomsen, A., Skriver, H. Soil moisture retrieval using the Danish L- & C-band polarimetric SAR 120865
Jianli Xing *see* Shenjun Zhang 84211
Jianliang Peng *see* Peng Jianliang
Jianlin Li, Kelly, J.R., Hoke, C., Bos, P.J. Optimization of luminance for optical-mode-interference (OMI) displays 110302
Jianlin Li *see* Fredley, D.S. 110301
Jianling Ying *see* Yilong Lu 70272
Jianmeng Li *see* Liu, H.C. 63040
Jianmeng Li *see* Liu, H.C. 69191
Jianmin Chen, Bos, P.J., Johnson, D.L., Kelly, J.R., Nam-Deog Kim, Crow, J. Four-domain twisted nematic liquid crystal display fabricated by two alignment layers with low and high pretilt angles 64825
Jianmin Gong *see* Gong Jianmin
Jianmin He *see* He Jianmin
Jianmin Hua, Ives, F.J. Analysis of sinusoidal-shaped frequency-selective RF pulses 101275
Jianmin Jiang A neural network based algorithm for lossless image compression 67132
Jianmin Jiang Design of neural networks for lossless data compression 116154
Jianmin Jiang Pipeline algorithms of RSA data encryption and data compression 117264
Jianmin Li, Lillis, J., Lung-Tien Liu, Chung-Kuan Cheng New spectral linear placement and clustering approach 83019
Jianmin Qu *see* Le Gall, C.A. 112932

Jianming Dai *see* Dai Jianming
Jianming He *see* He Jianming
Jianming Li *see* Li Jianming
Jianming Lu, Shafiq, M., Yahagi, T. Model reference adaptive control for nonminimum phase systems and its application to DC servo motor systems 91551
Jianming Tang *see* Tang Jianming
Jianming Wu, Kohno, R. A wireless multimedia CDMA system based on transmission power control 67904
Jianming Wu, Kohno, R. Wireless multimedia CDMA system based on transmission power control 87966
Jianming Zhang *see* Zhang Jianming
Jiann Shiun Wang *see* Rong Tay Hsu 63779
Jiann-Ching Guey, Bell, M.R. Diversity waveform sets for high-resolution delay-Doppler imaging 68546
Jiann-Ching Guey, Fitz, M.P., Bell, M.R., Wen-Yi Kuo Signal design for transmitter diversity wireless communication systems over Rayleigh fading channels 109426
Jiann-Fuh Chen, Ching-Lung Chu, Yow-Chyi Lieu Modular parallel three-phase inverter system 71503
Jiann-Horng Tsay, Shen-Iuan Liu, Yan-Pei Wu A simple and accurate method to measure the threshold voltage of a MOSFET using an MOS active attenuator 84361
Jiann-Horng Tsay, Shen-Iuan Liu, Yan-Pei Wu Measuring the threshold voltage of a MOSFET with an active attenuator 115182
Jiann-Horng Tsay *see* Shen-Iiuan Liu 106249
Jiann-Horng Tsay *see* Shen-Iuan Liu 61680
Jiann-Jang Cheng, Jenn-Ming Wu Effect of powder characteristics on electrical properties of (Ba,Bi,Nb)-added TiO$_2$ ceramics 113533
Jiann-Liang Chen, Ginkou Ma, Bao-Shuh Lin Economic resource sharing in ATM network 77889
Jiann-Ruey Chen *see* Bor-Yir Chen 106036
Jiann-Ruey Chen *see* Chen, F.Y. 95305
Jiann-Shiun Kao *see* Ching-Fa Yeh 105969
Jiann-Tyng Lin *see* Ching-Yin Lee 121473
Jianni Sheng *see* Sheng Jianni
Jianning Xu Morphological decomposition of 2-D binary shapes into simpler shape parts 77483
Jiannon Cao *see* Weijia Jia 77752
Jiannong Cao *see* Weijia Jia 98503
Jianpin Zuo *see* Yan Gao 73698
Jianping Chen, Nikles, D.E. Preparation of acicular α-Fe nanoparticles in a lamellar liquid crystalline phase 115523
Jianping Ding, Itoh, M., Yatagai, T. Optimal incoherent filtering for real-world image recognition 87242
Jianping Fan, Rong Wang, Liming Zhang, Dingjia Xing, Fuxi Gan Image sequence segmentation based on 2D temporal entropic thresholding 117547
Jianping Jiang *see* Jiang Jianping
Jianping Li *see* Li Jianping
Jianping Pan *see* Pan Jianping
Jianping Pun *see* Pun Jianping
Jianping Wang, Trecat, J. RSVIES–a relay setting value identification expert system 121219
Jianping Wang *see* Saha, M.M. 70771
Jianping Wu *see* Ruibing Hao 118096
Jianping Wu *see* Wu Jianping
Jianping Yu *see* Yu Jianping
Jianping Yuan *see* Huamin Jia 90700
Jianq Min, Wang Zhongkai, Ling Zhihua, Ma Kai, Ma Renxiang, Huang Ximin Study on the director configuration and display properties of amorphous nematic liquid crystal displays with different values of d/p 95881
Jianqi Wang *see* Wang Jianqi
Jianqiang Wu, Caidong Xiong, Shenggang Liu Microwave generation by excitation of a plasma-filled slow wave structure 96959
Jianqiang Wu *see* Wu Jianqiang
Jianqiang Wu Liu *see* Liu Jianqiang Wu
Jianqiang Zhu Discussion on transverse and longitudinal size for a compact laser design 65155
Jianqin Chen *see* Chen Jianqin
Jianquan Yao *see* Yao Jianquan
Jianquan Zhang *see* Zhang Jianquan
Jianqun Zhou *see* Zhou Jianqun
Jianren Lu *see* Liangmin Zhang 107572
Jianrong Lin *see* Lin Jianrong
Jiansheng Liu *see* Liu Jiansheng
Jiansheng Wu *see* Wu Jiansheng
Jiansheng Yuan, Xinshan Ma Three-dimensional eddy current calculation by an adaptive three-component boundary element algorithm 107769
Jianshi Wang *see* Chian-Gauh Shih 78928
Jianshi Wang *see* Feng, M. 93697
Jiansong Tang *see* Tang Jiansong
Jiantang Zhu Optical nondestructive examination of glass-fibre reinforced plastic honeycomb structures 61497
Jiantao Huang *see* Radeva, P. 110746
Jianting Cao, Yahagi, T. Parallel nonlinear adaptive digital filters using recurrent neural networks 62029
Jianwei Liu *see* Liu Jianwei
Jianwei Lu *see* Lu Jianwei
Jianwei Luo *see* Luo Jianwei
Jianwei Ma *see* Ma Jianwei
Jianwei Shen *see* Shen Jianwei
Jianwei Shuai *see* Shuai Jianwei
Jianwei Sun *see* Sun Jianwei
Jianwei Yuan *see* Yuan Jianwei
Jianwen Yang *see* Yang Jianwen
Jianxin Gao *see* Gao Jianxin
Jianxin Liao *see* Liao Jianxin
Jianxin Liu *see* Liu Jianxin
Jianxin Wang *see* Weidong Yu 119312
Jianxin Wang *see* Wang Jianxin
Jianxin Zhang *see* Shenghua Ye 92170
Jianxin Zhang *see* Shenghua Ye 92294
Jianxin Zhou *see* Yuanhua Deng 103785
Jianxin Zhy *see* Zhy Jianxin
Jianxiong Liu *see* Weinstein, R. 115967
Jianxiong Wang *see* Wang Jianxiong
Jianxong Liang *see* Liang Jianxong
Jianxu Shi, Fonseka, J.P. Traffic-based survivability analysis of telecommunications networks 77788
Jianxun Jin *see* Jin Jianxun
Jianxun Mou, Gang Huang, Zhifeng Shao A piezotube scanner for atomic force microscopy in solution 99924
Jianyao Chen, Maciejko, R., Makino, T. Second-order harmonic distortion in AM response of gain-coupled DFB lasers 65288
Jianyao Chen, Maciejko, R., Makino, T. High resonance frequency of push-pull distributed feedback lasers 85482
Jianyao Chen, Maciejko, R., Makino, T. Mode proximity and frequency response of push-pull DFB lasers 116532
Jianye Liu *see* Liu Jianye
Jianyi Chen *see* Chen Jianyi
Jianyi Yang *see* Yang Jianyi
Jianying Fan *see* Fan Jianying
Jianying Hu, Pavlidis, T. A hierarchical approach to efficient curvilinear object searching 67023
Jianying Li, Jaszczak, R.J., Coleman, R.E. Axial head motion correction in fan beam SPECT 70062
Jianying Zhou, Gollman, D. A fair non-repudiation protocol 77743
Jianyong Li, Ososanya, E.T., Smoak, R.A. The neural network control application in a power plant boiler 111763
Jianyu Guo *see* Guo Jianyu
Jianzheng Gu *see* Gu Jianzheng
Jianzheng Liu *see* Liu Jianzheng
Jianzhong Wang Cubic spline wavelet bases of Sobolev spaces and multilevel interpolation 66747
Jianzhong Wang *see* Wei Cai 82548
Jianzhong Zhang, Yu, F.T.S., McMillen, D.K. Coupling kinetics of the photorefractive hologram 65568
Jianzhong Zhou *see* Zhou Jianzhong
Jianzhuang Liu *see* Liu Jianzhuang
Jianzia Lu *see* Shenjun Zhang 84211
Jiao, J. *see* Wei-Kang Cheng 114138
Jiao, L. *see* Hongyue Liu 102995
Jiao Jiwei, Lu Deren, Wang Weiyuan Study on low temperature SDB influence of surface adsorbed states 83818
Jiao Licheng *see* Shi Zhuoer 86165
Jiao Lihong *see* Lihong Jiao
Jiao Yongchang, Xiao Gaosi, Huang Liwei, Mao Naihong Low sidelobe control of the space-scanned axial dipole arrays on cylindrical surfaces 97382
Jiao Zhengkuan *see* Chen Bin 61513
Jiao Zhifeng *see* Zhou Xiang 92800
Jiao Zhixian, Cheng Yong, Li Shiyu, Liu Bin, Pu Fanyong Basic functions of the microcomputer-based relays used in integrated substation automation system 81636
Jiao-Xun Kuang *see* Kuang Jiao-Xun
Jiaoying Shi *see* Shi Jiaoying
Jiaqin Zhang *see* Peigang Li 84758
Jiaqing Song *see* Wei Chen 116222
Jiarong Tong *see* Tong Jiarong
Jiaru Chu *see* Chu Jiaru
Jiasen Zhang, Dou, S.X., Hong Gao, Yong Zhu, Peixian Ye Theory of plate-formed phase conjugators 107598
Jiashan, B. *see* Youfa, W. 76523
Jiashan Bao *see* Bao Jiashan
Jiasheng Hu *see* Jun Li 67387
Jiatun Si *see* Sun, Y. 65707
Jiatun Si *see* Zuorong Zhang 61503
Jiau, J.-C. *see* Wu, C.-S. 98391
Jiawei Shi *see* Shi Jiawei
Jiawen Xia *see* Xia Jiawen
Jiaxian Sui *see* Sui Jiaxian
Jiaxiang Han *see* Han Jiaxiang
Jiaxiong Fang *see* Fang Jiaxiong
Jiaxiong Pen *see* Chuan Zhou 86643
Jiaxiong Peng *see* Peng Jiaxiong
Jiaxiong Ye, Guoping Zhang, Youbin Fang Laser resonator aberrations and adaptive optical corrections 116588
Jiaxiong Ye *see* Ye Jiaxiong
Jiayan Zhang *see* Zhang Jiayan
Jiayin Qin, Xingshi Zheng, Xizhang Luo, Cong Li, Yikun Lin Spikes in Raman spectrum of miniature optically pumped NH$_3$ FIR laser 75801
Jiayu Huang *see* Huang Jiayu
Jiayuan Fang *see* Rosser, S.G. 112943
Jiayuan Fang *see* Zhonghua Wu 97091
Jiayuan Hu *see* Hu Jiayuan
Jiazheng Lu, Langru Li, Shao, K.R. A direct electromagnetic field-electric circuit coupling simulation method accounting for the varying rotation speed of the electrical machine 102665
Jiazheng Pan *see* Pan Jiazheng
Jiben Liang *see* Liang Jiben
Jicheng Wang *see* Wang Jicheng
Jicheng Yang Non-destructive identification of defects in integrated circuit packages by scanning acoustic microscopy 92316
Jicong Shi Transport theory for study of tune modulation 120016
Jidai, E. *see* Ito, T. 72361
Jie Chen *see* Gupta, A.K. 103592
Jie Chen *see* Chen Jie
Jie Cui *see* Cui Jie
Jie Den *see* Den Jie
Jie Deng *see* Deng Jie
Jie Gao Multibunch emittance growth and its corrections in S-band linear collider 79890
Jie Gao On the higher order mode coupler design for damped accelerating structures 100657
Jie Gu *see* Gu Jie
Jie Hao, Richter, A., Laskar, J., Swaminathan, M., Mosley, J. Characterization of a small peripheral array package 92204
Jie He, Zhongchun Liu, Hongfa Luan, Litian Liu, Peixin Qian The study of self-aligned simultaneous formation of titanium silicide and nitride 84245
Jie Huang, Ohnishi, N., Sugie, N. Modeling the precedence effect for sound localization in reverberant environment 110466
Jie Hun Kang, Jin Woo Cho, Jae Wan Kim, Jong Min Kim Modeling and comparisons of field emitter devices with various geometries 83731
Jie Lai, Majumdar, A. Concurrent thermal and electrical modeling of sub-micrometer silicon devices 63733
Jie Liang, Parks, T.W. Kolmogorov n-widths and wavelet representations for signal classes 77034
Jie Lin, Bartal, Y., Uhrig, R.E. Predicting the severity of nuclear power plant transients by using genetic and nearest neighbor algorithms 81205
Jie Lin, Wanjun Wang, Murphy, M.C., Overton, E. A bond graph model for the sample extraction/injection system of a microsized gas chromatographic instrument 119547
Jie Lin *see* Bartal, Y. 81490
Jie Liu, Ying-Lin Yu A new color compression method using fuzzy neural network 98037
Jie Liu *see* Liu Jie
Jie Lu *see* Lu Jie
Jie Mi Minimizing some cost functions related to both burn-in and field use 112976
Jie Nun Kang, Jin Woo Cho, Kim, J.M. Modeling and comparisons of field emitter devices with variable geometries 74018
Jie Pan *see* Tao Yang 87607
Jie Qin *see* Wenqi Ge 102731
Jie Qin *see* Qin Jie
Jie Shen On a new pseudocompressibility method for the incompressible Navier-Stokes equations 72669
Jie Shi, van Buren, M.F., Massucco, A.A., McLin, M.G., Rona, M., Fauteux, D.G. Study of the behaviour of controlled anode-electrolyte interface in liquid and polymer electrolytes 81659
Jie Si *see* Rawat, B.S. 76311
Jie Sun, Jishan Zhu A predictor-corrector method for extended linear-quadratic programming 72512
Jie Sun *see* Gongyun Zhao 72554
Jie Sun *see* Jiunn-Yann Tsai 84396
Jie Tian *see* Tian Jie
Jie Wang *see* Sivalingam, K.M. 78911
Jie Wang *see* Sivalingam, K.M. 87466
Jie Wang *see* Wang Jie
Jie Wei Error compensation in insertion-region magnets 120068
Jie Xu *see* Pekonen, O.P.M. 82831
Jie Xu *see* Xu Jie
Jie Yan *see* Yan Jie
Jie Yang *see* Yang Jie
Jie Zhang *see* Zhang Jie
Jie Zhao *see* Zhao Jie
Jie Zhou *see* Zhou Jie
Jie-Gu Li, Xiao-Xiao Tang, Qi Ding RBF network and 3D object recognition 98038
Jie-Xin Li, Jian Liu, Cong-De Tan, Feng-Qiang Li Applying pulsed-laser holography to studying the filament behaviour during the air-jet texturing process 65556
Jiebo Luo, Chang Wen Chen, Parker, K.J. Face location in wavelet-based video compression for high perceptual quality videoconferencing 98807
Jiebo Luo, Chang Wen Chen, Parker, K.J., Huang, T.S. Artifact reduction in low bit rate DCT-based image compression 108498
Jieh-Tsorng Wu, Yueh-Huang Chang, Kuen Long Chang 1.2 V CMOS switched-capacitor circuits 74843
Jiejia Zhuang *see* Junbiao Zhu 114502
Jien-Chung Lo A hyper optimal encoding scheme for self-checking circuits 117156
Jien-Chung Lo, Fujiwara, E. Probability to achieve TSC goal 61721
Jieqing Feng *see* Feng Jieqing
Jieren Bian *see* Bernadas, S. 79200
Jieyan Zhu *see* Harb, A. 80495

Jieyuan Cao Investigation of 1.3 μm Pr-ion doped optical fiber amplifier for CATV subscriber network 85401
Jifan Hu, Ching-Yan Pan, Yi-Zhong Wang, Wu-Yan Lai, Bo-Ping Hu, Zhenxi Wang, Sellers, C.H. Coercivity of Nd(Dy)-Fe-B bonded magnets made from the inert-gas-atomized powders 75147
Jifeng Wang *see* Wang Jifeng
Jifu Huang, Ke Wu Towards a generalized TLM algorithm for solving arbitrary reciprocal and nonreciprocal planar structures 97264
Jifu Huang, Ke Wu, Kuroki, F., Yoneyama, T. Computer-aided design and optimization of NRD-guide mode suppressors 73652
Jifu Huang, Ke Wu, Morin, P., Akyel, C. Characterization of highly dispersive materials using composite coaxial cells: electromagnetic analysis and wideband measurement 65909
Jifu Huang *see* Qi Zhang 97236
Jifu Huang *see* Shuoqi Chen 85909
Jifu Huang *see* Tongqing Wang 62352
Jih Far-Wen *see* Far-Wen Jih
Jih Lien *see* Yuan Tang 115216
Jih-Guang Lai, Kuei-Huei Lin, Deng-Guey Juang, Wen-Feng Hsieh Construction of a wavelength-tunable self-starting Kerr lens mode-locked Ti:sapphire laser system 65129
Jih-Jen Wu, Shih-Hsien Yeh, Chin-Ta Su, Hong, F.C.-N. Characterization of diamond deposition from chloromethane reactants by laser reflective interferometry 72863
Jih-Ping Peng, Harwood, R.F. Modeling of a general crown shape and the effects on air bearing steady-state performance 115741
Jih-Sheng Lai Practical design methodology of auxiliary resonant snubber inverters 121606
Jih-Sheng Lai, Fang Zheng Peng Multilevel converters–a new breed of power converters 71540
Jih-Sheng Lai, Young, R.W., Sr., Ott, G.W., Jr., McKeever, J.W., Fang Zheng Peng A delta-configured auxiliary resonant snubber inverter 71541
Jih-Sheng Lai *see* Fang Zheng Peng 112173
Jih-Sheng Lai *see* Key, T.S. 112623
Jih-Shin Ho *see* Ming-Jer Chen 61708
Jih-Shin Ho *see* Ming-Jer Chen 63915
Jihhsien Yeh *see* Yeh Jihhsien
Jihong Geng *see* Geng Jihong
Jihong Su, Wein, L.M. Sequential screening in semiconductor manufacturing. II. Exploiting lot-to-lot variability 60662
Jihong Wang *see* Wang Jihong
Jihua Lii *see* Lii Jihua
Jihua Zhang, Lilong Cai A compact optical vibration transducer with photo IC 110166
Jihui Yu *see* Yu Jihui
Jihyung Kim, Yoonsik Choe Image segmentation using evidential reasoning for multiple information integration 86851
Jiin-Chuan Wu *see* Hung-Wei Chen 76769
Jiin-Jyh Shyu, Po-Chien Lee Sol-gel derived Pb(Zr,Ti)O$_3$ thin films: effects of PbTiO$_3$ interlayer 95268
Jiin-Long Lee *see* Shen-Tuan Liu 73526
Jijiu Zhao *see* Zhao Jijiu
Jijun Chen, Bayoumi, M.A. A scalable systolic array architecture for the 2D discrete wavelet transform 92652
Jijun Sun *see* Sun Jijun
Jijun Wu, Harada, T., Fukao, T. Adaptive mean field approximation algorithm with critical temperature for combinatorial optimization problem 113161
Jik Kwon Sang *see* Sang Jik Kwon
Jikei, M. *see* Aiping Wu 75742
Jikei, M. *see* Wu Aiping 85258
Jikimoto, T., Heck, C., Komoku, K., Hirai, M., Kusaka, M., Iwami, M. Co overlayer formation process on Si(100)2×1 studied by SR-PES 105464
Jikutani, N. *see* Yamanishi, M. 64964
Jilai Yu *see* Yu Jilai
Jilai Zhao *see* Zhao Jilai
Jiles, D.C. *see* Devine, M.K. 64311
Jiles, D.C. *see* Devine, M.K. 115555
Jiles, D.C. *see* Gao, Z. 64314
Jiles, D.C. *see* Lewis, L.H. 84837
Jiles, D.C. *see* Parakka, A.P. 75110
Jiles, D.C. *see* Pulvirenti, P.P. 75074
Jiles, D.C. *see* Pulvirenti, P.P. 115568
Jiles, D.C. *see* Ramesh, A. 64305
Jiles, D.C. *see* Ramesh, A. 115576
Jiles, D.C. *see* Sablik, M.J. 115845
Jilg, T. *see* Alaruri, S.D. 119931
Jilian Tan *see* Tan Jilian
Jilin Li *see* Li Jilin
Jilin Tan, Guang-Wen Pan, Guang-Tsai Lei, Gilbert, B.K. Full wave analysis of transmission lines in a multilayer substrate with heavy dielectric losses 97207
Jilin Tan, Guangwen Pan A general functional analysis to dispersive structures 97235
Jiling Song *see* Yong Dai 105926
Jillings, C.J., Ford, R.J., Hallin, A.L., Harvey, P.J., MacLeod, R.W., Mak, H.B., Skensved, P., Stevenson, R.L. The photomultiplier tube testing facility for the Sudbury Neutrino Observatory 74083
Jilong Hua, Hui Chen, Ohmori, M., Far, B.H., Koono, Z. Software creation: an intelligent CASE tool experiment for switching software 118729
Jilun Zeng *see* Zeng Jilun
Jim Sim Young *see* Young Jim Sim
Jimack, P.K. Optimal eigenvalue and asymptotic large-time approximations using the moving finite-element method 82558
Jimao Ma *see* Ma Jimao
Jimarez, L.J. *see* Light, D.N. 114440
Jimarez, M. *see* Carey, D. 94149
Jimba, H. *see* So Won Kim 104156
Jimbo, T. *see* Baskar, K. 113381
Jimbo, T. *see* Egawa, T. 96015
Jimbo, T. *see* Guang Yuan Zhao 61258
Jimbo, T. *see* Guolin Yu 105182
Jimbo, T. *see* Hasegawa, Y. 107012
Jimbo, T. *see* Maosheng Hao 103831
Jimbo, T. *see* Mosaddeq-ur-Rahaman, M. 71712
Jimbo, T. *see* Mosaddeq-ur-Rahman, M. 91755
Jimbo, T. *see* Soga, T. 82647
Jimbo, T. *see* Soga, T. 91749
Jimbo, T. *see* Uchida, H. 104022
Jimbo, T. *see* Umeno, M. 103015
Jimei Wang *see* Wang Jimei
Jimenez, C. *see* Perez-Rigueiro, J. 61310
Jimenez, F.J.M., Dominguez, M.C., Reyes, H.L.M. An auto-homodyne interferometric technique for spectral measurement on semiconductor lasers used in fiber optic communications at 1550 nm 76042
Jimenez, G. *see* Sevillano, J.L. 109121
Jimenez, I., Sacedon, J.L. Photon assisted field electron emission from SiO$_2$/Si substrates 73958
Jimenez, I. *see* Sutherland, D.G.J. 84146
Jimenez, J. *see* Alvarez, A. 75686
Jimenez, J.L., Mendez, E.E., Li, X., Wang, W.I. Resonant tunneling and intrinsic bistability in GaSb-based double barrier heterostructures 63042
Jimenez, M. *see* Marcano, D. 97389
Jimenez, T. *see* Pages-Zamora, A. 119385
Jimenez de Castro, M. *see* Vila, R. 114809
Jimenez-Garay, R. *see* Fernandez-Pena, J. 74288
Jimenez-Garay, R. *see* Rojas, J.L. 94396
Jimenez-Tejada, J.A., Palma, A., Godoy, A., Carceller, J.E. Anomalous behaviour of the electric field in highly-compensated non-uniform semiconductors at low temperatures 94230
Jimenez-Tejada, J.A. *see* Palma, A. 94231
Jiminez-Lopez, E. *see* Baez-Lopez, D. 60435
Jiming Lin *see* Lin Jiming
Jiming Lu *see* Lu Jiming
Jiming Yin, Pineda de Gyvez, J., Mi Lu Real-time full signature corrosion detection of underground casing pipes 109993
Jin, C., Yu, J., Sun, L., Dou, K., Hou, S., Zhao, J., Chen, Y., Huang, S. Luminescence of Mn^{2+} doped ZnS nanocrystallites 74246
Jin, C. *see* Shao, X. 89419
Jin, C. *see* Zhao, J. 74247
Jin, C.-Z. *see* Zhao, Y.-G. 107323
Jin, C.T., Leong, P.H.W. An analogue VLSI time-encoded pattern classifier 114170
Jin, G. *see* Bailey, P.T. 63158
Jin, G. *see* So, B.K.L. 84129
Jin, G. *see* Wu, M. 117729
Jin, G. *see* Yuan, S. 117730
Jin, G.H., Harari, J., Joannes, L., Vilcot, J.P., Decoster, D. Numerical analysis of the radiation losses due to surface roughness in integrated optics devices 95771
Jin, G.H. *see* Harari, J. 93816
Jin, H., Vahldieck, R., Minkus, H. FDTLM analysis of broadband flip-chip interconnections 62357
Jin, H. *see* Jain, P. 71469
Jin, H. *see* Pruess, S. 60964
Jin, H. *see* Qiu, M. 81053
Jin, H. *see* Sood, V.K. 111574
Jin, H. *see* Sood, V.K. 111577
Jin, H. *see* Vahldieck, R. 104968
Jin, H. *see* Vahldieck, R. 116951
Jin, J. *see* Fararooy, S. 91837
Jin, J.H. *see* Kwon, K.H. 63931
Jin, J.M. *see* Chew, W.C. 97029
Jin, J.M. *see* Greenwood, A.D. 117018
Jin, J.S. Image processing in multimedia 66559
Jin, J.S. Automatic extraction of brain artery using thresholding 90287
Jin, J.S., Yan Gao Achieving real-time LoG filtering 66901
Jin, K. *see* Khabiboulline, T. 100505
Jin, K.-S. *see* Lee, G.-S. 93939
Jin, L. *see* Huang, N. 79972
Jin, L. *see* Huang, N. 89989
Jin, M.S., Ozguz, V., Lee, S.H. Integration of microlaser arrays with thinned and drilled CMOS silicon driver arrays 85330
Jin, M.Y. *see* Chang, C.Y. 111171
Jin, N., Sakai, H., Tsugawa, K., Kawarada, H. Device modeling of enhancement-mode diamond MESFET utilizing p-type surface semiconductive layers 115247
Jin, Q.Y. *see* Wang, Y.D. 64372
Jin, S., Li, X.N., Zhang, Z., Dong, C., Gong, Z.X., Bender, H., Ma, T.C. Ion beam syntheses and microstructure studies of a new FeSi$_2$ phase 114864
Jin, S. *see* McCormack, M. 104944
Jin, S. *see* Zhu, W. 74032
Jin, S. *see* Zhu, W. 83700
Jin, W., Stewart, G., Crawford, K., Culshaw, B. A pseudo-depolarizer for interferometric fiber sensor applications 79462
Jin, X.M. *see* Malik, M.A. 104213
Jin, Y. *see* Aniel, F. 63761
Jin, Y. *see* Aniel, F. 95046
Jin, Y. *see* Joshi, S.G. 111362
Jin, Y. *see* Sylvestre, A. 84469
Jin, Y. *see* Sylvestre, A. 84477
Jin, Y. *see* Zhang, X.-C. 97322
Jin, Z. *see* Chakravarthy, C.V. 66957
Jin Au Kong *see* Souyris, J.-C. 111344
Jin Bae Myung *see* Myung Jin Bae
Jin Cha Hyuk *see* Hyuk Jin Cha
Jin Chen *see* Chen Jin
Jin Cho Han *see* Han Jin Cho
Jin Choi Chul *see* Chul Jin Choi
Jin Choi Hwan *see* Hwan Jin Choi
Jin Choi Hyung *see* Hyung Jin Choi
Jin Choi Myung *see* Myung Jin Choi
Jin Chua Soo *see* Chua Soo Jin
Jin Chun Yong *see* Yong Jin Chun
Jin Chung Myung *see* Myung Jin Chung
Jin Dam Mok *see* Che Young Kim 88144
Jin Dongxing *see* Dongxing Jin
Jin Enshun *see* Shi Jiawei 75968
Jin Fahong, Dong Xiaoyi, Liu Zhiguo, Sheng Qiuqin Theoretical analyses of fiber Bragg gratings 116034
Jin Fahong *see* Zhang Haining 76099
Jin Fan *see* Fan Jin
Jin Fangqing *see* Fangqing Jin
Jin Feng *see* Ye Cheng 85681
Jin Foong Sui *see* Foong Sui Jin
Jin Gang *see* Gang Jin
Jin Genming *see* Hua Hui 69820
Jin Genming *see* Li Zuyu 69773
Jin Goo Kim *see* Chae Gon Oh 104569
Jin Guanchang *see* Guanchang Jin
Jin Guofan *see* Wang Wenlu 98174
Jin Guofan *see* Guofan Jin
Jin Hai, Zhang Jiangling Reliability analysis of high reliable RAID using RS code 117232
Jin Hao, Ding Wei, Jin Huiwen, Hu Jiandong A new adaptive GFC scheme at UNI in B-ISDN 118519
Jin Hee Han, Sang Wu Kim Optimal spectral overlay of DS/CDMA communication systems 67568
Jin Heok Kim, Jeong Yong Lee Al-induced crystallization of an amorphous Si thin film in a polycrystalline Al/native SiO$_2$/amorphous Si structure 63147
Jin Ho Choi *see* Jun Rim Choi 104712
Jin Ho Choi *see* Min Jang 109255
Jin Hong-Beom *see* Hong-Beom Jin
Jin Huiwen *see* Jin Hao 118519
Jin Hwan Hahm *see* Won Jong Yoo 74562
Jin Hyeok Kim, Jeong Yong Lee, Hong Seung Kim, Yoon-Ho Song, Kee-Soo Nam Fabrication of thin film transistors using a Si/Si$_{1-x}$Ge$_x$/Si triple layer film on a SiO$_2$ substrate 63662
Jin Hyuk Hong *see* Seong Soo Choi 81257
Jin Il Song *see* Chung Hyuk Yim 71336
Jin Jang *see* Hyuk-Ryeol Park 74102
Jin Jang *see* Hyuk-Ryeol Park 84385
Jin Jang *see* Hyuk-Ryeol Park 106030
Jin Jang *see* Jae Ho Yoo 104120
Jin Jang *see* Keun Soo Lee 115248
Jin Jang *see* Ki Hyung Kim 62676
Jin Jang *see* Kyung Ha Lee 63744
Jin Jang *see* Kyung Ha Lee 92904
Jin Jang *see* Sung Ki Kim 92844
Jin Jang *see* Sung Ki Kim 94612
Jin Jeon Young *see* Young Jin Jeon
Jin Jeong Ho *see* Ho Jin Jeong
Jin Jian-Ming *see* Jian-Ming Jin
Jin Jiang Fault detection/diagnosis and controller reconfiguration in dynamic systems 111987
Jin Jianxun *see* Liu Huanliu 121232
Jin Ju *see* Ju Jin
Jin Juing-Yin *see* Juing-Yin Jin
Jin Jung Hyung *see* Hyung Jin Jung
Jin Jung-Il *see* Jung-Il Jin
Jin Kim Duck *see* Duck Jin Kim
Jin Kim Myoung *see* Myoung Jin Kim
Jin Kim Young *see* Young Jin Kim
Jin Ko Bong *see* Bong Jin Ko
Jin Kong Hong *see* Hong Jin Kong
Jin Kuijuan, Pan Shaohua, Yang Guozhen, Wang, E.G. A Monte Carlo study of thin-film growth by laser-MBE 113364
Jin Kuk Chung Buck converter with new driving circuit in TV power system 91608
Jin Kyohong *see* Kyohong Jin
Jin Kyu Choe, Hyeong Jun Park, Youn Kwae Jeong, Bo Seob Kwon, Chung Kun Lee A study on the performance evaluation of high speed interprocessor communication network in a large capacity digital switching system 109289
Jin Kyun Park *see* Seong Soo Choi 81257
Jin Kyung Ryeu, Ho Sun Chung Chaotic recurrent neural networks and their application to speech recognition 117272
Jin Kyung Ryeu *see* Ik Soo Lee 73604
Jin Lee *see* Besser, P.R. 84223
Jin Lee Hock *see* Hock Jin Lee
Jin Li, Wang Jimei Measurement and analysis on the interrupting capacity of vacuum interrupter with different contact structures 81595
Jin Li-Rong *see* Chen Shui-Sheng 73717
Jin Lim Hee *see* Hee Jin Lim
Jin Lim Sun *see* Sun Jin Lim
Jin Liu The calculation of shielding factors for soft magnetic shielding 97179
Jin liu *see* liu Jin
Jin Ma *see* Ma Jin

Jin Mei *see* Mei Jin
Jin Oh Dong *see* Dong Jin Oh
Jin Oh Woo *see* Woo Jin Oh
Jin Park Il *see* Il Jin Park
Jin Pyo Hong High temperature superconducting microstrip line resonators for measuring surface resistance 62206
Jin Qing-Yuan *see* Qing-Yuan Jin
Jin Qu *see* Qu Jin
Jin Sang Kim *see* Je Won Kim 105244
Jin Sang-Il *see* Sang-Il Jin
Jin Seob Eom *see* Chung Lae Kim 88060
Jin Seob Kang, Jung Woong Ra Microwave incoherent imaging of a conducting cylinder by using multi-frequency time-harmonic field. I. Incoherent intensity pattern using multi-frequency time-harmonic field 79672
Jin Seob Kang, Jung Woong Ra Microwave incoherent imaging of a conducting cylinder by using multi-frequency time-harmonic field. II 79673
Jin Shi *see* Shi Jin
Jin Shufu, Xia Yuren A PWM switching power supply of flyback mode 113720
Jin Sik Park, Seok Hyun Yun, Seong Joon Ahn, Byoung Yoon Kim Polarization- and frequency-stable fiber laser for magnetic-field sensing 100066
Jin Soo Park *see* Bon Cheol Koo 67376
Jin Soo Ryu *see* Kang Chul Kim 83088
Jin Soo Song *see* Gwon-Jong You 82012
Jin Suk Wang *see* Hong Kyu Lee 110629
Jin Sung Yang *see* Young Tae Park 86619
Jin Tiong Lim *see* Lim Jin Tiong
Jin Wang, Leburton, J.-P., Julien, F.H., Sa'ar, A. Hot electron effects in optically-pumped mid-infrared intersubband semiconductor laser 116513
Jin Wang, Leburton, J.P., Moussa, Z., Julien, F.H., Sa'ar, A. Simulation of optically pumped mid-infrared intersubband semiconductor laser structures 107253
Jin Wei *see* Wei Jin
Jin Weifang *see* Fang Xingdong 64131
Jin Weifang *see* Zhu Yutao 64116
Jin Weimin, Wang Hui Pseudocolor encoding of three-dimensional objects with rainbow holography 116775
Jin Weiqi, Zhou Liwei, Ni Guoqiang Electrostatic and magnetic imaging with any specified image rotation 65710
Jin Won Park, Cheon Il Eom, Ok Shik Choe Design and manufacture of a monolithic X-ray interferometer for ultraprecision measurement 89488
Jin Woo Cho *see* Jie Hun Kang 83731
Jin Woo Cho *see* Jie Nun Kang 74018
Jin Woo Hong *see* Kyung Hwan Cha 98960
Jin Woo Park *see* Sang Rok Lee 87412
Jin Wu, Wang Huanchen, Chen Ting An incentive mechanism of sequential Stackelberg game 72452
Jin Xiao-Qing *see* Xiao-Qing Jin
Jin Xiaodan *see* Xiaodan Jin
Jin Xiaojin *see* Wen Ruimei 63188
Jin Xiaojun, Liang Junwu A kinetics and transport model of Ge_xSi_{1-x} chemical vapor epitaxy 103846
Jin Xiaomin, Wu Boyu, Zhang Jun, Zhang Keqian Analysis of X-cut Ti:LiNbO$_3$ modulator using the finite element method 106858
Jin Ya-Qiu *see* Ya-Qiu Jin
Jin Yang Analysis and simulation of a CDMA PCS indoor system with distributed antennae 99186
Jin Yang Choong *see* Choong Jin Yang
Jin Yang Kim, Young June Park, Hong Shick Min Electrical properties of SOI n-MOSFET's under nonisothermal lattice temperature 84441
Jin Yixin *see* Zhou Yongdong 75383
Jin Yong-Sung *see* Yong-Sung Jin
Jin Yongdong *see* Yongdong Jin
Jin Yongxing *see* Yao Zhixin 65032
Jin Young Kim, Jae Hong Lee Parallel acquisition scheme with reference filtering for a DS/SSMA packet radio system 88095
Jin Young Kim, Jae Hong Lee Performance analysis of TDL for tracking of a direct-sequence spread-spectrum system in a multipath fading channel 88115
Jin Young Kim, Jae Hong Lee Tracking performance of a CDD-DLL code tracking loop in a multipath fading channel 88298
Jin Young Kim, Jae Hong Lee Performance of matched-filter acquisition for a DS/SSMA system in a frequency-selective fading channel 109502
Jin Youngtaek *see* Youngtaek Jin
Jin Yu *see* Yu Jin
Jin Yuchui *see* Pang Qixiang 118097
Jin Yuehui *see* Pang Qixiang 108830
Jin Yuehui *see* Pang Qixiang 118098
Jin Yun Seong *see* Seong Jin Yun
Jin Yun Yuan Numerical methods for generalized least squares problems 60944
Jin Yuqi *see* Sang Fengting 107095
Jin Zengwei *see* Tan Dun 89489
Jin Zhang, Zhilian Yang, Lianbo Zhang A scheme for extracting transient model parameters 84546
Jin Zhengyi, Wang Ming, Bai Yingcai Implementation of Auto-Switch Hybrid CSMA/CD-Token Bus MAC with Novell NetWare 118070
Jin Zhi-Qiang *see* Zhi-Qiang Jin
Jin Zhiying *see* Zhiying Jin
Jin Zhou *see* Xiaofeng Gu 95863
Jin Zhou *see* Zhou Jin
Jin Zhoughe *see* Zhoughe Jin
Jin-An Chen, Ruay-Shiung Chang A distributed link scheduling algorithm for CDMA packet radio networks 78370
Jin-Biao Huang, Chih-Ming Ho, Fukang Jiang, Yu-Chong Tai Dynamic behavior and application of micro sensors with negative temperature coefficient 119600
Jin-Biao Huang, Tung, S., Chih-Ming Ho, Chang Liu, Yu-Chong Tai Improved micro thermal shear-stress sensor 69090
Jin-Biao Huang *see* Fukang Jiang 79540
Jin-Bong Kim *see* Don-Ha Hwang 81390
Jin-Boo Choo *see* Heung-Jae Lee 102102
Jin-Boo Choo *see* Kyung-Sun Choi 102480
Jin-Cheng Wang, Hsiao-Dong Chiang, Miu, K.N., Darling, G. Capacitor placement and real time control in large-scale unbalanced distribution systems: loss reduction formula, problem formulation, solution methodology and mathematical justification 121135
Jin-Cheng Wang, Ksiao-Dong Chiang, Miu, K.N., Darling, G. Capacitor placement and real time control in large-scale unbalanced distribution systems: numerical studies 121136
Jin-Cheol Shin *see* Seung-Youp Han 74676
Jin-Cheol Shin *see* Seung-Youp Han 84294
Jin-Fa Lee *see* Dyczij-Edlinger, R. 62344
Jin-Fa Lee *see* Kingsland, D.M. 85928
Jin-Fa Lee *see* Lee, R. 97034
Jin-Fa Lee *see* Nehrbass, J.W. 97032
Jin-Fa Lee *see* Perepelitsa, S.G. 93749
Jin-Fa Lee *see* Polstyanko, S.V. 95759
Jin-Fa Lee *see* Polstyanko, S.V. 96734
Jin-Fa Zhang *see* Hong-Ying Wu 121773
Jin-Feng Lin, Xian-Yu Su Two-dimensional Fourier transform profilometry for the automatic measurement of three-dimensional object shapes 89498
Jin-Fu Chang *see* Chyi-Nan Wu 88255
Jin-Fu Chang *see* Chyi-Nan Wu 98416
Jin-Fu Chang *see* Le-Pond Chin 88314
Jin-Fu Chang *see* Shiuh-Jeng Wang 108181
Jin-Fuw Lee, Tang, D.T., Wong, C.K. A timing analysis algorithm for circuits with level-sensitive latches 73260
Jin-Ghee Goh *see* Maric, S. 108804
Jin-Gyu Kim *see* Jae-Duk Moon 106373
Jin-H. Kim *see* Jae-Woo Yang 86128
Jin-Hee Han *see* Young-Sik Baek 101953
Jin-Hee Lee, Hyung-Sup Yoon, Chul-Soon Park, Hyung-Moo Park Very low noise characteristics of AlGaAs/InGaAs HEMTs with wide head T-gate 63782
Jin-Hee Lee *see* Hyung-Sup Yoon 63770
Jin-Hee Lee *see* Wu Lu 95065
Jin-Heon Seo *see* Nam-Hoon Jo 73521
Jin-Ho Cho *see* Chul-Ho Won 98234
Jin-Ho Lee *see* Young-Moon Park 101889
Jin-Ho Shin, Yujin Chung, Youngseok Suh, Bumman Kim Extraction of low-frequency noise model of self-aligned AlGaAs/GaAs heterojunction bipolar transistor 93794
Jin-Hong Kim, Sung-Chul Shin Interface roughness effects on the surface anisotropy in Co/Pt multilayer films 106574
Jin-Hui Shen *see* Manns, F. 101413
Jin-Hwan Kim *see* Uk-Youl Huh 121353
Jin-Hyuk Kwon *see* Hye-Sung Park 89487
Jin-Il Hyun *see* Jin-Jong Cha 68175
Jin-il Kim, Sung-Chun Kim An efficient classification of mixed pixel in remote sensing image data 77519
Jin-Jang Leou *see* Wan-Li Shyu 98626
Jin-Jang Loon *see* Chi-Yuan Chang 117821
Jin-Ji Shyu *see* Bih-Hwang Lee 109033
Jin-Jian Chen *see* Chyan, O. 112298
Jin-Jong Cha, Jin-Il Hyun, In Kang, Jaeseok Kim, Kyung-Soo Kim Design and implementation of a Viterbi decoder ASIC for CDMA cellular system 68175
Jin-Jun Feng *see* Qi-Lue Chen 74047
Jin-Kao Hao, Dorne, R. Study of genetic search for the frequency assignment problem 68145
Jin-Ki Kim *see* Tae-Sung Jung 73344
Jin-Kuk Chung, Lee-Sup Kim Buck converter with a new driving circuit in a TV power system 104323
Jin-Lin Hu, Shi-Ming Lin, Wen-Bing Wang Calculation of Maliuzhinets function in complex region 97016
Jin-Man Han *see* Jei-Hwan Yoo 73371
Jin-Maun Ho An accelerated aging test for 69 kV XLPE power cable 102167
Jin-Maun Ho Life prediction of crosslinked polyethylene insulated cables rated 69 kV 102169
Jin-Min Li, Hai-Qun Zheng, Yi-Ping Zeng, Mei-Ying Kong Investigation of GaAs/AlGaAs multi-quantum well infrared detector 69147
Jin-Phillipp, N.Y. *see* Marschner, T. 61299
Jin-Phong Liu *see* Chi-Jui Wu 122099
Jin-Ping Xu, Chang-Hong Liang Analysis of E-plane discontinuities of bilateral metal septa with finite conductivity 93691
Jin-Se Lee, Sok-Jin Yu, Jung-Sok Cho, Namic Kwon Scanning confocal microscope using a semiconductor laser 107676
Jin-Seob Kang, Jung-Woong Ra Diffraction pattern of cylindrical cavity for line source excitation in lossy medium 65828
Jin-Seog Choi *see* Yoo-Sang Hwang 106317
Jin-Sheng Gu, Wei-Sun Jiang The Haar wavelets operational matrix of integration 82369
Jin-Shin Lai *see* Gwo-Ching Chang 120434
Jin-Shown Shie *see* Chen-Tang Huang 72858
Jin-Shown Shie *see* Chou, B.C.S. 88989
Jin-Shung Liu, Tsuen-Lin Lee, Hao-Hsiung Lin An unified GSMBE growth model for GaInAsP on InP and GaAs 103898
Jin-Shyr Yang, Chi-Der Lin, Cheng-Fa Yang, Wen-Hua Chiao Analysis and mitigation of electromagnetic induced voltage of underground pilot wire cables 70966
Jin-Shyr Yang *see* Tian-Hua Liu 111909
Jin-Soo Choi *see* Han-Kyu Lee 77512
Jin-Soo Lee, Eun-Sik Kim, Sang-Jae Moon A novel phase-compensated PSK modulation technique for PCS 68196
Jin-Soo Lee *see* Shin, J. 88076
Jin-Soo Sohn *see* Young-Sik Kim 77866
Jin-Suk Wang *see* Yong-Jin Choi 101490
Jin-Tae Kim *see* Kyu-Ouk Lee 118714
Jin-Tae Oh, Dae-Young Kim, Hyup-Jong Kim A design of the OAM flow in the ring topology ATM networks 118262
Jin-Tai Yan Genetic-based rotation assignment in macro cell layout 84517
Jin-Tai Yan An optimal ILP formulation for minimizing the number of feedthrough cells in standard cell placement 93282
Jin-Tai Yan A simple yet effective genetic approach for the orientation assignment on cell-based layout 95150
Jin-Wan Chung *see* Jin-Yeol Do 110398
Jin-Won Kim, Myung-Kwan Ryu, Ki-Bum Kim, Chang-Won Hwang, Byung Seong Bae, Min-Koo Han, Sang-Joo Kim Device characteristics of polycrystalline $Si_{0.84}Ge_{0.16}$ thin film transistors grown from Si_2H_6 and GeH_4 source gases 84383
Jin-Won Park, Ki-Hyun Hwang, Sung-Jae Joo, Euijoon Yoon, Seok-Hee Hwang, Ki-Woong Whang In situ boron doping of Si and $Si_{1-x}Ge_x$ epitaxial layers by ultrahigh vacuum electron cyclotron resonance chemical vapor deposition 84084
Jin-Woo Ahn, Han-Woong Park, Young-Moon Hwang A novel control scheme for SRM drives 103070
Jin-Woo Ahn, Young-Joo An, Cheol-Je Joe, Young-Moon Hwang Fixed switching angle control scheme for SRM drive 71760
Jin-Woo Ahn *see* Young-Joo An 81924
Jin-Wook Kim *see* Sung-Hoon Kim 73432
Jin-Woong Hong *see* Nung-Pyo Hong 103431
Jin-Yeol Do, Jin-Wan Chung, Hee-Baik Chae, Se-Il Park Thermal effects on the EMF coil of a weighing device 110398
Jinadasa, W.M.N.L. *see* Wijayakulasooriya, J.V. 101749
Jinah Park, Metaxas, D., Young, A.A., Axel, L. Deformable models with parameter functions for cardiac motion analysis from tagged MRI data 80266
Jinan Yang *see* Yang Jinan
Jinbai Yang *see* Yang Jinbai
Jinbang Chen, Dezhen Song, Rihong Zhu, Qing Wang, Lei Chen, Daojiong Chen Large-aperture high-accuracy phase-shifting digital flat interferometer 119903
Jinbo, T. *see* Okamoto, K. 118691
Jincan Chen, Zijun Yan, Liqing Wu The influence of Thomson effect on the maximum power output and maximum efficiency of a thermoelectric generator 81916
Jincheng Tie *see* Tie Jincheng
Jincheon Kim, Hongjune Park, Hyoungsoo Lim, Kyungwhoon Cheun A FPGA implementation of a full-digital code acquisition/tracking loop for the CDMA direct-sequence spread-spectrum signals 109337
Jinchoon Kim *see* Kim, S.K. 107816
Jinchuan Wang *see* Wang Jinchuan
Jind-Yeh Lee, Samueli, H. Adaptive beamforming techniques for a frequency-hopped QAM receiver 118902
Jindo, N. *see* Ito, D. 95397
Jindong Li, Proakis, J.G. Reduced-state maximum-likelihood sequence detection for magnetic recording channels 117505
Jinfang Han *see* Han Jinfang
Jinfei Hu *see* Hu Jinfei
Jinfeng Kang, Ruqi Han, Yangyuan Wang A modified model of high-T_c superconducting interconnect propagation characteristics for VLSI packaging 82278
Jinfu Li *see* Li Jinfu
Jing, C., McCalley, J.D., Kommareddy, M. An energy approach to analysis of interarea oscillations in power systems 70715
Jing, F., Yanming, X., Wenyan, Y. Propagation analysis of rectangular chirowaveguides using the edge-element method 76524
Jing, T., Morshuis, P.H.F., Kreuger, F.H. Surface charge accumulation in SF_6 in the presence of protrusions at an electrode 75044
Jing, Z. *see* Lucovsky, G. 62767
Jing, Z. *see* Lucovsky, G. 94397
Jing Bai *see* Bai Jing
Jing Bing Zhang *see* Zhang Jing Bing
Jing Dong *see* Song Yunzian 112795
Jing Feng *see* Feng Jing

Jing Gao *see* Gao Jing

Jing Gui *see* Rauch, G.C. 115681

Jing Hai *see* Hai Jing

Jing Ho Wu *see* Wu Jing Ho

Jing Ju Lu, Huei Li Huang Thermomagnetics of interacting magnetic particles 115472

Jing Lee, Jung-Hua Chou Hierarchical placement for power hybrid circuits under reliability and wireability constraints 82931

Jing Li *see* Guangping Li 84069

Jing Li *see* Nguyen, T.V. 116946

Jing Li *see* Xianyang Zhu 97044

Jing Lin *see* Lin Jing

Jing Ma *see* Ma Jing

Jing Peng, Bhanu, B. Closed-loop object recognition using reinforcement learning 86426

Jing Sua Goh *see* Ji Cheng Yang 72329

Jing Sua Goh *see* Sung Yi 72300

Jing Sua Goh *see* Goh Jing Sua

Jing Wang, Dunford, W.G., Mauch, K. Modified boost converter with continuous inductor current mode and ripple free input current 113728

Jing Wang, Dunford, W.G., Mauch, K. Input inductor current for unity power factor operation 121777

Jing Wang, Premvuti, S. Resource sharing in distributed robotic systems based on a wireless medium access protocol (CSMA/CD-W) 118338

Jing Wang *see* Premvuti, S. 100319

Jing Wang *see* Premvuti, S. 108810

Jing Wang *see* Wang Jing

Jing Wen *see* Wen Jing

Jing Xiaofeng, Xu Senlu, Yang Guoguang, Zhu Liewei, Xiao Tianpeng, Xie Guoping Coupled wave analysis of an optical refractive index tapered fiber coupler by UV irradiation 95681

Jing Zhang *see* Xilin Chen 97999

Jing Zhang *see* Zhang Jing

Jing Zhao *see* Zhao Jing

Jing-Ao Sun *see* Mingzhou Song 117789

Jing-Cheng Lin *see* Gong, Y.S. 63127

Jing-Pin Pan *see* Syh-Ming Ho 72289

Jing-Qing Han *see* Wang Wei 97763

Jing-Tong Liang *see* Wen-Chau Liu 63829

Jing-Yang Jou An effective BIST design for PLA 61769

Jing-Yu Li *see* Li Jing-Yu

Jing-Yuan Wei *see* Wei Jing-Yuan

Jingan Yang *see* Yang Jingan

Jingang Yang *see* Yang Jingang

Jingbiao Cui *see* Cui Jingbiao

Jingbo Ye *see* Ye Jingbo

Jingcheng Xu *see* Xu Jingcheng

Jingchuan Deng *see* Deng Jingchuan

Jingfang Xu *see* Haibo Song 83752

Jingfang Xu *see* Qiong Li 73984

Jingfei Ma, Wehrli, F.W., Hee Kwon Song Fast 3D large-angle spin-echo imaging (3D FLASE) 90384

Jingfu, B., Yusheng, C., Junfan, Z., Juneban, Y. The study of 3 mm wave low phase noise PLL system 73679

Jinghan Ye *see* Zhengrong Liang 90386

Jinghua Liu *see* Liu Jinghua

Jinghua Wang, Guangheng Wu, Xuegen Zhao, Kechang Jia, Wenshan Zhan Magnetostriction and anisotropy of twin-free single-crystals $\mathrm{Tb}_{0.5}\mathrm{Dy}_{0.5}(\mathrm{Fe}_{0.9}\mathrm{Mn}_{0.1})_2$ 64248

Jinghua Wang, Guangheng Wu, Xuegen Zhao, Kechang Jia, Wenshan Zhan Magnetic properties and magnetostriction of twin-free single-crystal $\mathrm{Tb}_{0.27}\mathrm{Dy}_{0.73}(\mathrm{Fe}_{1-x}\mathrm{Al}_x)_2$ 64249

Jinghua Xiao *see* Xiao Jinghua

Jingjun Xu *see* Qian Sun 96642

Jingjun Xu *see* Xu Jingjun

Jingkang Yang *see* Yang Jingkang

Jingke Pun *see* Pun Jingke

Jingkuan Chen *see* Chen Jingkuan

Jingkui Liang *see* Liang Jingkui

Jingli Wang *see* Wang Jingli

Jinglong Mao *see* Mao Jinglong

Jingmin Yang *see* Yang Jingmin

Jingming Li, Wagen, J.-F., Lachat, E. A preliminary comparison of two propagation prediction methods for 2-D microcells: ray tracing and TLM 107904

Jingming Yang *see* Yang Jingming

Jingnan Nie *see* Nie Jingnan

Jingping Jiang *see* Jiang Jingping

Jingping Lu *see* Lu Jingping

Jingqin Wang *see* Wang Jingqin

Jingru Liu *see* Liu Jingru

Jingshan Jiang *see* Ji Wu 111328

Jingshan Jiang *see* Jiang Jingshan

Jingsheng Zhu *see* Qianwang Chen 74259

Jingsheng Zhu *see* Shuyuan Zhang 94590

Jingshown Wu *see* Jyh-Horng Wu 88455

Jingui Lu *see* Lu Jingui

Jinguji, K. Synthesis of coherent two-port optical delay-line circuit with ring waveguides 99531

Jinguji, K., Takato, N., Hida, Y., Kitoh, T., Kawachi, M. Two-port optical wavelength circuits composed of cascaded Mach-Zehnder interferometers with point-symmetrical configurations 119193

Jinguji, M., Ohkubo, K., Morihiro, M., Kusaka, M., Endo, T. Fault management in multimedia service operation 109193

Jingwei Tong, Dongsheng Zhang, Hongqi Li, Linan Li Study on in-plane displacement measurement under impact loading using digital speckle pattern interferometry 79730

Jingwei Xu *see* Xu Jingwei

Jingwen Li From FIFO to LIFO: a functional ordering of service delay via arrival discipline 113082

Jingwen Li *see* Li Jingwen

Jingwen Zhang *see* Liangmin Zhang 107572

Jingwen Zhang *see* Shifu Yuan 106762

Jingyi Liu *see* Liu Jingyi

Jingyu Wang *see* Wang Jingyu

Jingyu Zhou, Cadeddu, R., Casaccia, E., Cavazzoni, C., O'Mahony, M.J. Crosstalk in multiwavelength optical cross-connect networks 78923

Jingzhen Li *see* Li Jingzhen

Jingzhi Bai *see* Bai Jingzhi

Jingzhi Chen *see* Chen Jingzhi

Jinhan Ye *see* Zhengrong Liang 80226

Jinhee Kim, Hu-Jong Lee The phase-dependent dissipation effect in a d.c. SQUID 84893

Jinhee Lee *see* Pan-Seok Shin 104908

Jinhu Xiong *see* Jia-Hong Gao 90379

Jinhu Xiong *see* Jia-Hong Gao 120345

Jinhua Lin *see* Wei Chen 116222

Jinhua Zhao *see* Zhao Jinhua

Jinhui Zhai *see* Yu Ruan 115998

Jinian Bian *see* Bo Wan 82839

Jinian Bian *see* Bian Jinian

Jinjie Yue *see* Yue Jinjie

Jinju Lee, Gutierrez-Aitken, A.L., Li, S.H., Bhattacharya, P.K. Responsivity and impact ionization coefficients of $\mathrm{Si}_{1-x}\mathrm{Ge}_x$ photodiodes 64947

Jinkang Zhu, Hongbin Zhang, Yucong Gu Principle and performance of variable rate multi-code CDMA method 68212

Jinkang Zhu *see* Zhu Jinkang

Jinke Tang *see* Karri, P. 115492

Jinke Wen *see* Jiachun Deng 85684

Jinkun Jung *see* Jaehong Shim 60531

Jinlei Wu *see* Wu Jinlei

Jinliang He *see* He Jinliang

Jinliang Yuan, Dege Qi, Zhanping Lai, Shenjun Niu, Gengna Du, Yanfeng Liu The study of light doped chromium SI-GaAs single crystal in the LEC technology 84101

Jinlin Zhang *see* Zhang Jinlin

Jinling Zhen *see* Zhen Jinling

Jinlong Shen *see* Xiaoying Qian 118017

Jinman Huang *see* Yi Yang 85308

Jinming Dong *see* Sheng, L. 105325

Jinming Fang *see* Fang Jinming

Jinn-Chou Yoo, Han-Ping, Shieh, D. Novel compensator with grating structure for twisted nematic liquid crystal display applications 89323

Jinn-Chou Yoo, Shieh, H.-P.D. Fabrication and analyses of negative-birefringent thin film compensator with characteristic matrix 116133

Jinn-Kong Sheu *see* Shoon-Jinn Chang 106996

Jinn-Liang Liu On weak residual error estimation 113200

Jinn-Moon Yang, Kao, C.Y. A combined evolutionary algorithm for real parameters optimization 92560

Jinn-Rong Liou *see* Shiuh-Sheng Yu 67363

Jinn-Wang Yeh, Wen-Jiunn Cheng, Chein-Wei Jen VASS—a VLSI array system synthesizer 104608

Jinnai, T. *see* Kakkad, R. 105984

Jinno, M. *see* Harada, K. 121545

Jinno, M. *see* Kaminaga, K. 102160

Jinping Xu *see* Xu Jinping

Jinqi Li *see* Jia-Hong Gao 90379

Jinqi Wu *see* Wu Jinqi

Jinquan Hu *see* Hu Jinquan

Jinrong Cao *see* Dade Zhao 73768

Jinrong Cao *see* Cao Jinrong

Jinrong Min *see* Min Jinrong

Jinrong Wang *see* Wang Jinrong

Jinrong Zhao *see* Zhao Jinrong

Jinru Liu *see* Liu Jinru

Jinsha Yuan *see* Yuan Jinsha

Jinshan Shi *see* Shi Jinshan

Jinsheng Luo *see* Mingbin Yu 83805

Jinsheng Luo *see* Wanrong Zhang 84340

Jinsheng Luo *see* Wengang Wu 84341

Jinsheng Luo *see* Xiaowei Sun 83462

Jinsheng Luo *see* Luo Jinsheng

Jinsheng Peng *see* Peng Jinsheng

Jinsheng Zhang *see* Zhang Jinsheng

Jinshu Zhang, Lo, T.C. Sealed wedge-shaped silicon power triode 74027

Jinshu Zhang, Lo, T.C., PeiHsin Tsien 0.2 μm LDD NMOSFETs fabricated by conventional optical lithography 84427

Jinshui Shi *see* Shi Jinshui

Jinsong Liu *see* Liu Jinsong

Jinsong Tang, Zhaoda Zhu Analysis of extended target detectors 119281

Jinsong Tang, Zhaoda Zhu High resolution radar detection based on fractal dimension 119282

Jinsong Tang, Zhaoda Zhu Comparison study on high resolution radar target recognition 119311

Jinsoo Bae *see* Youngkwon Ryu 78408

Jinsoo Kim *see* Bumsoo Han 79911

Jinsoo Kim *see* Keeman Kim 79771

Jinsoo Song, I-Jun Park, Kyung-Hoon Yoon, Woo-Yeong Cho, Koeng-Su Lim Electrical and optical properties of ZnO thin films prepared by the pyrosol method 62724

Jinsui Shi *see* Shi Jinsui

Jinting Lin *see* Xiaowei Sun 83462

Jinting Lin *see* Lin Jinting

Jinushi, H. *see* Shibuya, T. 86054

Jinwei Sun *see* Sun Jinwei

Jinwoo Hong *see* Sunghan Kim 79160

Jinwoo Park *see* Sangrok Lee 68508

Jinwook Chung *see* Sangwon Kang 76860

JinWoong Hong *see* YongWoo Lee 70918

Jinxaing Ju *see* Ju Jinxaing

Jinxi Huang *see* Huang Jinxi

Jinxia Zhang *see* Zhang Jinxia

Jinxian Wu *see* Wu Jinxian

Jinxiang Ye *see* Ye Jinxiang

Jinxiang Yu *see* Yu Jinxiang

Jinxing Dong *see* Dong Jinxing

Jinxing Shen, Hybler, T., Kost, A. Preconditioned iterative solvers for complex and unsymmetric systems of equations resulting from the hybrid FE-BE method 96949

Jinxing Shen, Kost, A. Hybrid FE-BE method for EMC problems in power cable systems 70928

Jinxing Shen *see* Kurz, S. 65646

Jinxing Shen *see* Yu, H.T. 65688

Jinyong Xu *see* Xu Jinyong

Jinyu Li *see* Li Jinyu

Jinyu Zhang *see* Zhang Jinyu

Jinyuan Fang, Zhonghua Wu Closed-form expression of numerical reflection coefficient at PML interfaces and optimization of PML performance 97090

Jinyuan Liu *see* Liu Jinyuan

Jinyue Yu *see* Weichun Ye 75258

Jinyun Liu *see* Liu Jinyun

Jinzhong Luo *see* Luo Jinzhong

Jinzhu Li, Yano, K. Development of AM/QAM hybrid optical SCM transmission system 119482

Jinzhu Li *see* Wakai, K. 119382

Jipescu, I., Moldoveanu, V., Paragina, F. A PC program for three-dimensional reconstruction and analysis of brainstem auditory evoked potentials 90511

Jiping Lu, Little, J. Geometric and photometric constraints for surface recovery 86441

Jiping Ning *see* Ning Jiping

Jiqing Zhang *see* Jian-Guo Ma 73688

Jiqun Shi, Ning Li, Zhiyao Ma, Haiyan Ou Low resistivity efficient passivated silicon solar cells 91745

Jir Duo *see* Fan Xiaobo 110117

Jirachiefpattana, A., Lai, R. Modelling and analysis of the ISO RTSE protocol 67578

Jiraskova, M. *see* Stadnik, B. 110234

Jiren Yuan, Svensson, C. Principle of CMOS circuit power-delay optimization with transistor sizing 115348

Jiri, B., Ludek, S. Comparison between three-phase and two-phase short-circuit in power network with asynchronous generator 102691

Jirmann, I.J. A high precision logarithmic intermediate frequency amplifier 113773

Jirmanus, M. *see* McLaughlin, L. 64577

Jirousek, J., Szybiliski, B., Wroblewski, A. Mesh design and reliability assurance in hybrid-Trefftz p-element approach 72728

Jirsa, M. *see* Pust, L. 110337

Jirun Luo *see* Luo Jirun

Jiseung Nam *see* Chang Won Son 77881

Jishan Zhu *see* Gongyun Zhao 72554

Jishan Zhu *see* Jie Sun 72512

Jisheng Liang, Haralick, R.M., Phillips, I.T. Document image restoration using binary morphological filters 66885

Jisheng Zhang *see* Hongwei Wang 84039

Jishou Xu *see* DeClements, R. 92817

Jishun Wu *see* Wu Jishun

Jisrawi, N.M. *see* Thurston, T.R. 91714

Jitousho, N. *see* Korechika, T. 122056

Jitschin, W., Bernhardt, K.H., Lachenmann, R., Bickert, P., Eckle, F.J. Measuring the pumping speed of rough vacuum pumps: conventional stationary method vs intermittent pump-down method (new standard DIN 28432) 94157

Jitsukawa, D., Kohno, R. Multiuser equalization using multidimensional lattice filter for DS/CDMA 68307

Jitsukawa, D., Kohno, R. Adaptive multi-user equalizer using multi-dimensional lattice filters for DS-CDMA 118025

Jitsumori, A., Maekawa, T., Ando, S. Ultrasonic three-dimensional imaging using a circular-array transducer for inspection 113572

Jitsuno, T., Nishi, N., Tsubakimoto, K., Nakatsuka, M., Nakai, S. Multi-lens array for GEKKO XII glass laser system with circular aperture spherical element lens 85562

Jitsuno, T. *see* Miyanaga, N. 85564

Jitsuno, T. *see* Yoon, G.Y. 85556

Jiun Shiu, Ja-Ling Wu Real-number DFT codes on a fading channel 66302

Jiun Shiu *see* Ja-Ling Wu 108475

Jiun Shiu *see* Jiun-Jie Huang 108421

Jiun-Fang Wang *see* Sethuraman, A.R. 84236

Jiun-Hwa Lin, Weng Cho Chew Ultrasonic imaging by local shape function method with CGFFT 110679

Jiun-Jie Huang, Chun-Hung Lin, Ja-Ling Wu, Jiun Shiu, Yuh-Ming Huang, Chiu-Ting Hsu An interactive MPEG-1 browsing system 108421

Jiun-Shiou Deng, Yang-Tung Huang A new network structure: cyclic crossbar network 99034

Jiun-Wei Horng, Chi-Che Tsai, Maw-Huei Lee Novel universal voltage-mode biquad filter with three inputs and one output using only two current conveyors 62016

Jiung-yao Huang, Hill, F.S., Chih-Jen Lee Ray tracing acceleration with multiple projection planes 86834
Jiunn-Chyi Lee *see* Ching-Ting Lee 116082
Jiunn-Pey Wu *see* Giahn-Horng Lee, R. 63737
Jiunn-Ren Hwang, Heng-Ju Cheng, Whitaker, J.F., Rudd, J.V. An ultrafast photoconductive sampling gate integrated with a JFET amplifier 64992
Jiunn-Ren Hwang, Lai, R.K., Nees, J., Norris, T., Whitaker, J.F. A field-sensitive photoconductive probe for sampling through passivation layers 116232
Jiunn-Ren Hwang *see* Lai, R.K. 106978
Jiunn-Yann Tsai, Jie Sun, Yee, K.F., Osburn, C.M. DIBL considerations of extended drain structure for 0.1 μm MOSFET's 84396
Jiunnhsing Chao *see* Chao Jiunnhsing
Jiwei Jiao *see* Jiao Jiwei
Jixiang, Z., Guoxing, F., Changlu, L. Study of the backscattering polarization characteristic of finite cone 76389
Jixun Ma *see* Hui Ma 64102
Jiyang Wang *see* Wang Jiyang
Jiye Wang *see* Wang Jiye
Jiye Ximen, Linsu Tong, Zhixiong Liu A unified aberration theory for magnetic deflection systems with rectilinear or curvilinear axes 99755
Jiying Huang *see* Huang Jiying
Jiying Shi *see* Yuzhen Shen 107494
Jiying Shi *see* Yuzhen Shen 107495
Jiying Shi *see* Shi Jiying
Jiying Xiang *see* Xiang Jiying
Jiyoon Yoo *see* Yoo Jiyoon
Jiyu Xu *see* Xu Jiyu
Jiyuan Gao *see* Gao Jiyuan
Jiyuan Liu Digital signal processing method of flight equipment shock test system 119590
Jiyue Tang *see* Jianhua Zhu 96814
Jize Xiong, Dyer, R.A., Dyer, S.A. A model for incorporating the effects of nonzero switching-time constants in electrooptic masks used in Hadamard-transform spectrometry 85241
Jize Xiong, Dyer, R.A., Dyer, S.A. Computationally efficient spectrum-recovery methods which compensate for static and dynamic nonidealities in electrooptic masks used in Hadamard-transform spectrometry 110059
Jizhi Dai *see* Dai Jizhi
Jizo, Y. *see* Seo, K. 95439
Jizong Wu *see* Wu Jizong
Jizoo Lin *see* Chorng-Kuang Wang 78931
Jmaiel, M. Specification of communication protocols using temporal logic 77726
Jn Ik Joe *see* Dae Ik Kim 61646
Jo, J.H. *see* Han, B.M. 61347
Jo, J.M. *see* Chun, K.W. 86929
Jo, S., Sohn, J.W., Lee, S.K., Kim, S.G. Simulation of magneto-optic readout signal spectrum using digitized mark and beam patterns 75228
Jo, W., Noh, T.W., Byun, Y.T., Kim, S.H. Optical waveguides using epitaxial $Bi_4Ti_3O_{12}$ thin films on MgO with CeO_2 cladding layers 95716
Jo, Y.G., Spiesman, W.J., Abdurrahman, N.M. Development of a neutron imaging facility at the University of Texas TRIGA reactor 72999
Jo Cheong Lai *see* Cheong Lai Jo
Jo Geonyou *see* Geonyou Jo
Jo Gweon-Do *see* Gweon-Do Jo
Jo Jae Heung *see* Jae Heung Jo
Jo Jungyol *see* Jungyol Jo
Jo Kang-Hyun *see* Kang-Hyun Jo
Jo Kim Sung *see* Sung Jo Kim
Jo Ko Tae *see* Tae Jo Ko
Jo Moon-Ho *see* Moon-Ho Jo
Jo Nam-Hoon *see* Nam-Hoon Jo
Jo Park Joong *see* Joong Jo Park
Jo Young Chang *see* Young Chang Jo
Joachim, C. *see* Rousset, V. 84251
Joanblanq, C. *see* Bidet, E. 68865
Joanblanq, C. *see* Deltoso, C. 73057
Joannes, L. *see* Harari, J. 64925
Joannes, L. *see* Jin, G.H. 95771
Joannopoulos, J.D. *see* Lin, S.-Y. 95918
Joao Bastos, A. *see* Sierens, C. 67950
Joardar, K. Signal isolation in BiCMOS mixed mode integrated circuits 62052
Joardar, K. A new technique for measuring junction capacitance in bipolar transistors 63626
Joardar, K. A simple d.c. based method for monitoring transistor capacitance 84310
Joares, V.J.Lazaro *see* Lazaro Joares, V.J.
Job, A. *see* Loddo, S. 90725
Job, C., Zajicek, J., Brown, M.F. Fast field-cycling nuclear magnetic resonance spectrometer 73102
Job, D.P. *see* Raghavendiran, T.A. 111950
Job, R. *see* Werner, M. 83972
Jobe, K. *see* Decker, F.-J. 100691
Jobe, R.K. *see* Holtzapple, R.L. 89866
Jober, J. *see* Hobbs, B.F. 70833
Jobez, J.P. *see* Abbes, M. 90145
Jobez, J.P. *see* Seguinot, J. 69714
Jobst, B., Lunz, U., Hommel, D., Landwehr, G. A comparison of Mg and Ca for quaternary cladding layers in ZnSe based laser diodes 74155
Jobst, B. *see* Bacher, G. 62895
Jobst, B. *see* Diessel, A. 75957
Jobst, B. *see* Ebeling, W. 75963
Jobst, B. *see* Eisert, D. 75948
Jobst, B. *see* Hoffmann, A. 62803
Jobst, B. *see* Hommel, D. 75944
Jobst, B. *see* Kurtz, E. 74207
Joch, A. Is ATM ready to catch fire? 98394
Joch, A. Virtually well connected 109000
Jochle, K., Debus, J., Lorenz, W.J., Huber, P. A new method of quantitative cavitation assessment in the field of a lithotripter 70201
Jochmann, M. *see* Brauksiepe, S. 100815
Jochum, J. *see* Kraus, H. 84891
Jocic, L.B., Hovanessian, S.A., Kreng, J.K., Schultz, M.D. Adapting commercial satellites to military communication needs 90879
Jodalen, V. *see* Lundborg, B. 99057
Jodar, L., Almenar, P. Accurate continuous numerical solutions of time dependent mixed partial differential problems 72676
Jodar, L., Cortes, J.L., Morera, J.L. Construction and computation of variable coefficient Sylvester differential problems 113244
Jodar, L., Navarro, E., Weston, H., Sellinger, D. Analytic-numerical solution with a priori error bounds for systems of second order partial differential equations 92614
Jodar, L., Ponsoda, E., Legua Fernandez, M. Well-conditioning for variable coefficient second order boundary value difference systems 72674
Jodgudri, S.A., Lokhande, C.D. Studies on photoelectrochemical storage cells using CdSe and SnS electrodes 121838
Jodlowski, L., Merta, I., Szustakowski, M. Acoustooptic devices in optical velocimetry–frequency shifters, spectrum analyzer 106893
Jodlowski, L. *see* Szustakowski, M. 84751
Jodlowski, L. *see* Szustakowski, M. 85162
Joe, J., Basten, M.A., Scharer, J.E., Booske, J.H., Wagner, K. Experimental studies of low-voltage, grating TWT amplifiers 62628
Joe, J. *see* Anderson, J. 62630
Joe, J. *see* Basten, M.A. 62629
Joe, S. A useful result in searches for good vertex-modified number-theoretic rules 92608
Joe Barry *see* Barry Joe
Joe Cheol-Je *see* Cheol-Je Joe
Joe Jn Ik *see* Jn Ik Joe
Joe Kee-Yeon *see* Kee-Yeon Joe
Joe Myung Cheol *see* Myung Cheol Joe
Joe-Sun Choi, In-Sool Chung A test structure for monitoring micro-loading effect of MOSFET gate length 115191
Joelsson, K.B. *see* Radamson, H.H. 114696
Joenathan, C. *see* Sohmer, A. 119904
Joeng Su-Hyun *see* Su-Hyun Joeng
Joens, A. *see* Fischer, P. 90228
Joeressen, O.J., Meyr, H. Viterbi decoding with dual timescale traceback processing 86116
Joeressen, O.J., Meyr, H. Hardware "in the loop" simulation with COSSAP: Closing the verification gap 93453
Joergensen, C., Danielsen, S.L., Mikkelsen, B., Stubkjaer, K.E., Vodjdani, N., Ratovelomanana, F., Enard, A., Glastre, G., Rondi, D., Blondeau, R., Doussiere, P., Garabedian, G., Graver, C., Jourdan, A., Schilling, M., Idler, W., Wunstel, K. Optical wavelength converters—techniques and system aspects 99458
Joergensen, C., Danielsen, S.L., Mikkelsen, B., Vaa, M., Stubkjaer, K.E., Doussiere, P., Pommerau, F., Goldstein, L., Ngo, R., Goix, M. All-optical 40 Gbit/s OTDM to 2×20 Gbit/s WDM signal-format translation 88595
Joergensen, C., Mikkelsen, B., Danielsen, S.L., Stubkjaer, K.E. All-optical wavelength-shifting technologies 68447
Joergensen, C. *see* Danielsen, S.L. 88636
Joergensen, C. *see* Danielsen, S.L. 99559
Joergensen, C. *see* Durhuus, T. 78878
Joergensen, C. *see* Jourdan, A. 88603
Joergensen, C. *see* Masetti, F. 78317
Joergensen, C. *see* Mikkelsen, B. 78776
Joergensen, C. *see* Mikkelsen, B. 88637
Joergensen, J.L. *see* Eisenman, A. 90736
Joerger, R. *see* Forcht, K. 79734
Joerger, W. *see* Eiche, C. 80143
Joeris, P., Schmidt, I., Benndorf, C. Photoluminescence spectroscopy of CVD diamond films 82714
Joffe, D., Mitra, A. Performance of a new coaxial higher-order-mode damper 79858
Joffe, D. *see* Bricault, P.G. 89721
Joffe, M.A. *see* Higley, J.K. 84197
Joffe, R., Varna, J., Berglund, L.A. Acoustic emission from composite laminates with simple damage characteristics 113613
Joffre, M. *see* Lepetit, L. 119924
Joffre, P. *see* Dolfi, D. 66152
Joffre, P. *see* Dolfi, D. 117057
Jog, S., Sundarsingh, V.P. New 2D diffusion simulator using spatial variable transformation 84539
Jogai, B. *see* Reynolds, D.C. 96415
Jogai, B. *see* Wu Lu 95065
Joglekar, B. *see* Hirota, K. 76167
Joh, Y.S. *see* Chang, S.K. 74173
Joh Kihun *see* Kihun Joh
Joh Yong Sang *see* Yong Sang Joh
Johan Liu *see* Zonghe Lai 94044
Johann, J. Digital Video Broadcast (DVB): data transmission over public networks 99717
Johann, M.deO., Kindel, M., Reis, R.A.daL. Layout synthesis using transparent cells and FOTC routing 93245
Johann, M.deO. *see* Guntzel, J.L. 93016
Johannes, F.M. Partitioning of VLSI circuits and systems 83018
Johannes, F.M. *see* Abthoff, T.H. 113682
Johannesen, A. *see* Fosso, O.B. 102018
Johanneson, R. *see* Zigangirov, K.S. 117255
Johannessen, A.B., Flystveit, A. The Inmarsat mobility management system 99414
Johannesson, R., Zigangirov, K.S. Upper bounds on the probability of the correct path loss for list decoding of fixed convolutional codes 66307
Johannesson, R., Zigangirov, K.S. An expurgation upper bound on the probability of correct path loss for list decoding of time-invariant convolutional codes 117223
Johannesson, R. *see* Bratt, G. 66372
Johannisson, B., Steen, L. Partial digital beamforming using antenna subarray division 68655
Johansen, G.A., Abro, E. Advances in nuclear radiation detectors for fluid flow measurement 69892
Johansen, G.A. *see* Abro, E. 110573
Johansen, G.A. *see* Mwambela, A.J. 101373
Johansen, I.-R. *see* Nese, M. 88994
Johansen, P.M. Uniform physical theory of diffraction equivalent edge currents for truncated wedge strips 85826
Johansen, P.M. *see* Dam-Hansen, C. 107628
Johansen, P.M. *see* Pedersen, H.C. 65538
Johansen, P.M. *see* Pedersen, H.C. 116701
Johansen, T.A., Unander, F.F. Norwegian residential energy demand: coordinated use of a system engineering and a macroeconomic model 121277
Johansen, T.H., Bratsberg, H., Baziljevich, M., Hetland, P.O., Riise, A.B. Measurement and calculation of levitation forces between magnets and granular superconductors 115849
Johansmann, M. *see* Lewin, A. 110390
Johanson, D. *see* Deis, G. 106719
Johanson, G. *see* Carlsson, L. 81206
Johanson, G. *see* Knochenhauer, M. 71056
Johanson, G.A. Ground networks for mobile satellite services 119108
Johanson, R.E., Scansen, D., Kasap, S.O. 1/f conductance noise in n-type amorphous silicon 62667
Johansson, A. *see* Calen, H. 120194
Johansson, A.-L., Ottosson, T., Svensson, A. On multirate DS/CDMA with interference cancellation for wireless multimedia applications 98867
Johansson, A.-L., Svensson, A. Multi-stage interference cancellation in multi-rate DS/CDMA systems 88390
Johansson, A.-L., Svensson, A. Multistage interference cancellation in multirate DS/CDMA on a mobile radio channel 109511
Johansson, B. Wide-band measurement and modelling of the ionospheric channel 97099
Johansson, B. *see* Lundborg, B. 99057
Johansson, B. *see* Tischer, M. 64233
Johansson, C. *see* Hook, M. 109437
Johansson, C. *see* Wiklund, P.-J. 82911
Johansson, E. Programmable electronics in safety-critical systems–a practical survey 111728
Johansson, E., Skytt, P., Carlsson, J.-O., Wassdahl, N., Nordgren, J. Carbon growth in diamond deposition on nickel studied in situ by soft X-ray emission spectroscopy 61249
Johansson, F., Ingvarson, P., Petersson, R., Bengtsson, P. Wide coverage satellite antennas 66069
Johansson, H. *see* Fransson, M. 102387
Johansson, H. *see* Svedin, J. 117063
Johansson, J. *see* Svanberg, S. 101579
Johansson, J.F. Fundamental limits for focal-plane array efficiency 68786
Johansson, J.F. A comparison of some feed types 68789
Johansson, J.F. SISYFOS–a project presentation and progress report 68795
Johansson, J.F. *see* Delgado, G.F. 68804
Johansson, J.M. *see* Elosegui, P. 101503
Johansson, J.M. *see* Jaldhag, R.T.K. 101517
Johansson, K.E. *see* Hultqvist, K. 90195
Johansson, L., Holm, E. Determination of trace-amounts ^{239}Pu using fission track analysis 100905
Johansson, L.-G. *see* Chen, Y.F. 84911
Johansson, M.E. *see* Dawei Zhang 62205
Johansson, M.E. *see* Guo-Chun Liang 100264
Johansson, R. Two error-detecting and correcting circuits for space applications 93425
Johansson, R. *see* Sobral, L. 80694
Johansson, S. Transport network involving a reconfigurable WDM network layer–a European demonstration 78916
Johansson, S. *see* Bexell, M. 71366
Johansson, S. *see* Thornell, G. 84651
Johansson, S.G. *see* Sjogren, F.G.A. 101959
Johansson, T. Constructions of asymmetric authentication systems 66427
Johansson, T. *see* Calen, H. 120194
Johansson, T. *see* Helleseth, T. 97493
Johansson, T.B., Hameyer, K., Belmans, R. Methods and tools for the design of electrostatic micromotors 81493
Johansson, T.B. *see* Van Dessel, M. 91583
Johar, M.M. *see* Abuelma'atti, M.T. 73537
John, A., Jansen, R.H. From network theory towards field theory for (M)MIC chip level simulation 62338
John, A., Jansen, R.H. Evolutionary generation of (M)MIC component shapes using 2.5 D EM simulation and discrete genetic optimization 83506
John, A.T. *see* Lin, J.Y. 111480

John, D. *see* Sreekantaswamy, M.S. 114160
John, J. *see* Masek, J. 110153
John, J. *see* Muller, P. 114846
John, J. *see* Paglino, C. 69234
John, J. *see* Zogg, H. 69274
John, J. *see* Zogg, H. 72831
John, L.K. VaWiRAM: a variable width random access memory module 93397
John, M.St. *see* St. John, M.
John, P., Graham, C., Milne, D.K., Jubber, M.G., Wilson, J.I.B. An FTIR study of the heteroepitaxy of diamond on silicon 74120
John, P. *see* Morrison, N.A. 104117
John, P.J. *see* Voevodin, A.A. 92807
John, R. *see* Fryer, P.M. 89321
John, R.A. *see* Lien, A. 89411
John, S., Quinones, E.J., Ferguson, B., Pacheco, K., Mullins, C.B., Banerjee, S.K. Progression of the surface roughness of N$^+$ silicon epitaxial films as analyzed by AFM 114569
John, S. *see* Sujana, H. 120322
John, T. *see* Ismaeel, A.A. 106166
John, T.M. *see* Druesedau, T.P. 104085
John, W.D.St. *see* St. John, W.D.
Johnny Yat-Hong Sung *see* Kun-Wah Yip 118751
Johns, A. *see* Bo, Z.Q. 112033
Johns, A. *see* Moore, P.J. 111661
Johns, A.T. *see* Aggarwal, R.K. 70976
Johns, A.T. *see* Aggarwal, R.K. 102249
Johns, A.T. *see* Aslan, Y. 91137
Johns, A.T. *see* Bo, Z.Q. 102069
Johns, A.T. *see* Li, H.Y. 111664
Johns, A.T. *see* Moore, P.J. 102164
Johns, A.T. *see* Moore, P.J. 102323
Johns, A.T. *see* Song, Y.H. 70841
Johns, A.T. *see* Song, Y.H. 102142
Johns, A.T. *see* Wan, H.B. 90929
Johns, A.T. *see* Wang, G.S. 121120
Johns, A.T. *see* Wang, P.Y. 113176
Johns, A.T. *see* Webspter, S.P. 102237
Johns, A.T. *see* Xuan, Q.Y. 91213
Johns, A.T. *see* Xuan, Q.Y. 102039
Johns, A.T. *see* Xuan, Q.Y. 102143
Johns, A.T. *see* Xuan, Q.Y. 121149
Johns, A.T. *see* Zhang, B.H. 111659
Johns, D., Christopoulos, A.C. Numerical calculation of magnetic shielding effectiveness of enclosures using the frequency-domain TLM technique 65872
Johns, D.A., Essig, D. Integrated circuits for data transmission over twisted-pair channels 109326
Johns, H. *see* Rojas, A. 90588
Johns, J.W.C. *see* Schneider, M. 96103
Johns, P.C. *see* Dixit, M.S. 101308
Johns, S.T. *see* Krol, M.F. 116408
Johns, W.E. *see* DeKenipp, R.J. 94147
Johnsen, B., Fuglsang-Frederiksen, A., Vingtoft, S., Fawcett, P., Liguori, R., Nix, W., Otte, G., Schofield, I., Veloso, M., Vila, A. Inter- and intraobserver variation in the interpretation of electromyographic tests 90545
Johnsen, B. *see* Fuglsang-Frederiksen, A. 90546
Johnsen, E. *see* Odegard, R. 81866
Johnsen, H. *see* Vachon, P.W. 120853
Johnson, A. The development of expertise in a disciplinary interstice: antilock braking systems and the electronic control of a mechanical device 92153
Johnson, A. *see* Goutzoulis, A. 68460
Johnson, A.A., Tezduyar, T.E. Simulation of multiple spheres falling in a liquid-filled tube 103794
Johnson, A.D. On locally optimal breaking of complex cyclic vertical constraints in VLSI channel routing 95116
Johnson, A.D. *see* Ashley, T. 79412
Johnson, A.D. *see* Mock, P. 72842
Johnson, A.D. *see* Whitaker, T.J. 105631
Johnson, A.E., Hebert, M. Seafloor map generation for autonomous underwater vehicle navigation 99677
Johnson, A.E. *see* Leigh, J. 87877
Johnson, A.S. *see* Parson, P.T. 98863
Johnson, B., Kakar, T., Larrondo, P., Venkataramanan, G. Role of energy islands, power fences and electronic gateways in a deregulated utility environment 91003
Johnson, B. *see* Hedin, R. 70777
Johnson, B. *see* Mulhollan, G. 90109
Johnson, B. *see* Venkataramanan, G. 91065
Johnson, B.C. *see* Tsai, B.K. 89069
Johnson, B.J. *see* Voigt, J.A. 112284
Johnson, B.K. *see* Venkataramanan, G. 91662
Johnson, B.L. *see* Sachrajda, A.S. 62935
Johnson, B.R. Light scattering by a multilayer sphere 85879
Johnson, B.R. *see* Akinwande, A.I. 79624
Johnson, C. Before you apply SPC, identify your problems 104942
Johnson, C. *see* Braun, H. 89667
Johnson, C. *see* Hook, T.B. 106207
Johnson, C. *see* Sharaf, A.M. 71774
Johnson, C.B. *see* Williams, G.M., Jr. 79525
Johnson, C.D. *see* Boykin, T.B. 103542
Johnson, C.D. *see* Dolbilov, G.V. 96490
Johnson, C.J. *see* Lund, J.C. 110575
Johnson, C.M., Page, E.W., Tagliarini, G.A. Signal classification using wavelets and neural networks 86261
Johnson, C.M., Ridgway, M.C., Leech, P.W. Thermal annealing of implantation-induced compaction for improved silica waveguide performance 95744
Johnson, C.M. *see* Ridgway, M.C. 74135
Johnson, C.M. *see* Wright, N.G. 84285
Johnson, C.R., Jr. *see* Endres, T.J. 67498
Johnson, C.R., Jr. *see* Reznic, Z. 87264
Johnson, C.R., Jr. *see* Treichler, J.R. 67644
Johnson, C.R., Jr *see* Treichler, J.R. 119486
Johnson, D. Incorporating technology in preservice education 98617
Johnson, D. Fast track to the English Channel 119299
Johnson, D. Temperature instrumentation boldly goes where none has gone before.4 119932
Johnson, D. *see* Vithana, H. 69399
Johnson, D. *see* York, R.C. 79810
Johnson, D.B. *see* Coppersmith, D. 97457
Johnson, D.B. *see* Goldweber, M. 98472
Johnson, D.C., Repperger, D.W., Ho, C.C. Development of a spectrally matched TENS stimulation waveform 70174
Johnson, D.C., Repperger, D.W., Thompson, G. Development of a mobility assist for the paralyzed, amputee, and spastic patient 70231
Johnson, D.C. *see* Albert, J. 106798
Johnson, D.C *see* Bilodeau, F. 78774
Johnson, D.C *see* Theriault, S. 64662
Johnson, D.E., Baiod, R., Harding, D.J., Martin, P.S., May, M. Design of the Fermilab Main Injector Lambertson 89798
Johnson, D.E. *see* Baiod, R. 89793
Johnson, D.E. *see* Garren, A.A. 79910
Johnson, D.E. *see* Ostiguy, J.-F. 89799
Johnson, D.F., Opie, D.B., Schone, H.E., Lanagan, M.T., Stevens, J.C. High-temperature superconducting magnetic shields formed by deep drawing 64583
Johnson, D.H. *see* Li, D. 66242
Johnson, D.J., Crawford, M.T., Maenchen, J.E. Optical photography of the magnetically confined anode plasma source for repetitive intense ion beam generation 120124
Johnson, D.J., Desjarlais, M.P., Haill, T.A., Mehlhorn, T.A., Rosenthal, S.E., Wenger, D.F. Lithium beam generation and focusing on PBFAII 69636
Johnson, D.J *see* Bailey, J.E. 69615
Johnson, D.J *see* Crawford, M.T. 120125
Johnson, D.J *see* Derzon, M.S. 69645
Johnson, D.J *see* Mehlhorn, T.A. 69637
Johnson, D.J *see* Moats, A.R. 69642
Johnson, D.Krefta, M. *see* Deis, G. 106719
Johnson, D.L., Skamser, D.J., Su, H. Microwave processing of ceramics 61443
Johnson, D.L. *see* Chen, J. 110283
Johnson, D.L. *see* Jianmin Chen 64825
Johnson, D.M., Hatfield, M.O., Preyer, G.J. RF coupling measurements on passenger aircraft avionics exposed to cavity-mode excitation 70379
Johnson, D.M. *see* Freyer, G.J. 97157
Johnson, D.R., Ruzek, M., Kalb, M. Earth System Science Education: A continuing collaboration 112809
Johnson, D.R. *see* Yamaguchi, M. 113512
Johnson, E. *see* Bergfeld, T. 100977
Johnson, E.D. *see* Randall, K.J. 89635
Johnson, E.E. HF radio in the international information infrastructure 99064
Johnson, E.G., Brasher, J.D. Phase encryption of biometrics in diffractive optical elements 97523
Johnson, E.G. *see* Clark, R.L. 75580
Johnson, E.J. *see* Molenbroek, E.C. 61405
Johnson, E.L., Wang, H., McCormick, J.W., Greer, K.L., Coleman, R.E., Jaszczak, R.J. Pixel driven implementation of filtered backprojection for reconstruction of fan beam SPECT data using a position dependent effective projection bin length 101203
Johnson, E.L. *see* Gilland, D.R. 101128
Johnson, E.L. *see* Gilland, D.R. 101282
Johnson, F. Contact temperature measurement 99967
Johnson, F. *see* Gallagher, K. 115578
Johnson, F. *see* Rivest, J.-F. 110691
Johnson, F.G. *see* Wood, G.E.C. 82679
Johnson, G., Sparkman, O. The future of small hole drilling [PCB manufacture] 62457
Johnson, G. *see* Brown, R. 70405
Johnson, G. *see* Crow, J.D. 119221
Johnson, G. *see* Piec, Z. 106721
Johnson, G.E. *see* LeBlanc, D.J. 71863
Johnson, G.H., Palau, J.M., Dachs, C., Galloway, K.F., Schrimpf, R.D. A review of the techniques used for modeling single-event effects in power MOSFETs 63689
Johnson, G.H. *see* Galbraith, J.M. 115325
Johnson, G.M. *see* Slater, D.B., Jr. 63703
Johnson, G.M. *see* Slater, D.B., Jr. 106240
Johnson, G.M. *see* Xie, W. 105922
Johnson, H.L. *see* Brock, F.V. 90767
Johnson, J Taming the wild transaction 67773
Johnson, J., Rimmer, R., Corlett, J. Computer simulations of a wide-bandwidth ferrite-loaded high-power waveguide termination 100690
Johnson, J. *see* Barry, W. 100524
Johnson, J. *see* Barry, W. 100607
Johnson, J.A. *see* Milne, A.D. 69953
Johnson, J.D. *see* Zarabadi, S.R. 119625
Johnson, J.E. *see* Morton, P.A. 65369
Johnson, J.E. *see* Park, Y.K. 99577
Johnson, J.E. *see* Wilson, G.C. 88562
Johnson, J.E. *see* Wilson, G.C. 99768
Johnson, J.L., Samoska, L.A., Gossard, A.C., Merz, J.L., Jack, M.D., Chapman, G.R., Baumgratz, B.A., Kosai, K., Johnson, S.M. Electrical and optical properties of infrared photodiodes using the InAs/Ga$_{1-x}$In$_x$Sb superlattice in heterojunctions with GaSb 95985
Johnson, J.M., Rahmat-Samii, Y. Genetic algorithm optimization for aerospace electromagnetic design and analysis 80559
Johnson, J.M., Rahmat-Samii, Y. Multiple region FDTD (MR/FDTD) and its application to microwave analysis and modeling 93759
Johnson, J.M. *see* Britten, P.D. 88173
Johnson, J.R. *see* Adzic, G.D. 71642
Johnson, J.R. *see* Kumar, M.P.S. 71651
Johnson, J.R. *see* Mukerjee, S. 71643
Johnson, J.R. *see* Winter, E.M. 108555
Johnson, J.T., Leung Tsang, Shin, R.T., Pak, K., Chan, C.H., Ishimaru, A., Kuga, Y. Backscattering enhancement of electromagnetic waves from two-dimensional perfectly conducting random rough surfaces: a comparison of Monte Carlo simulations with experimental data 65763
Johnson, J.T., Shin, R.T., Kong, J.A., Tsang, L., Pak, K. A numerical study of the composite surface model for ocean scattering 120877
Johnson, J.T. *see* Mandeville, R. 118703
Johnson, J.W. *see* Dowling, D.T. 100713
Johnson, K. *see* Bristow, J. 85340
Johnson, K.A. *see* Griffiths, N.J. 102362
Johnson, K.E. *see* Xing, X. 115674
Johnson, K.F., Connolly, R.C., Garcia, R.C., Rusthoi, D.P., Sander, O.R., Sandoval, D.P., Shinas, M.A., Smith, M., Yuan, V.W. Application of a transverse phase-space measurement technique for high-brightness, H$^-$ beams to the GTA H beam 100583
Johnson, K.F., Sander, O.R., Bolme, G.O., Bowling, S., Connolly, R., Gilpatrick, J.D., Lysenko, W.P., Power, J., Wadlinger, E.A., Yuan, V. Phase-scan analysis results for the first drift tube linac module in the Ground Test Accelerator: data reproducibility and comparison to simulations 89732
Johnson, K.F *see* Lundin, M. 69805
Johnson, K.F. *see* Yuan, V.W. 89733
Johnson, K.M. *see* Narayanswamy, R. 90488
Johnson, K.M. *see* Sharp, G.D. 85238
Johnson, K.M. *see* Sneh, A. 78892
Johnson, K.M. *see* Yufei Bao 75659
Johnson, K.M. *see* Yufei Bao 95864
Johnson, L. A fast-track standards process 112692
Johnson, L.E. *see* Michel, R.P. 113488
Johnson, L.G. *see* Yong-Yoong Chai 73577
Johnson, M. Neural networks in advanced instrument design 68979
Johnson, M. Spin injection in metals: the bipolar spin transistor [superconductors] 95497
Johnson, M., Crawford, A., Emerson, M., Goldstein, M., Gooding, R., Groenhout, E.G., Kelly, J.B., Machinski, R. Arizona: meeting geographical and demographic challenges 118323
Johnson, M. *see* Bagby, L. 100846
Johnson, M. *see* Decker, T. 77951
Johnson, M. *see* Donnelly, K. 74851
Johnson, M. *see* Sullivan, M.J. 82022
Johnson, M.A. *see* Cheng, C. 103601
Johnson, M.A. *see* Eker, I. 91475
Johnson, M.A. *see* Ordys, A.W. 111799
Johnson, M.A.I., Fujita, S., Rowland, W.H., Jr., Hughes, W.C., Cook, J.W., Jr., Schetzina, J.F. MBE growth and properties of ZnO on sapphire and SiC substrates 72778
Johnson, M.A.L., Fujita, S., Rowland, W.H., Jr., Bowers, K.A., Hughes, W.C., He, Y.W., El-Masry, N.A., Cook, J.W., Jr., Schetzina, J.F., Ren, J., Edmond, J.A. Molecular beam epitaxy growth and properties of GaN, Al$_x$Ga$_{1-x}$N, and AlN on GaN/SiC substrates 82694
Johnson, M.A.L., Fujita, S., Rowland, W.H., Jr., Hughes, W.C., He, Y.W., El-Masry, N.A., Cook, J.W., Jr., Schetzina, J.F., Ren, J., Edmond, J.A. MBE growth and properties of GaN and Al$_x$Ga$_{1-x}$N on GaN/SiC substrates 72776
Johnson, M.D., Leung, K.T., Birch, A., Orr, B.G., Tersoff, J. Adatom concentration on GaAs(001) during MBE annealing 62732
Johnson, M.G. *see* Frye, R.C. 94136
Johnson, M.H. *see* Oliver, A. 77244
Johnson, M.W., Herr, A.M., Kadin, A.M. Bolometric and nonbolometric infrared photoresponses in ultrathin superconducting NbN films 64517
Johnson, N., Hogg, D. Learning the distribution of object trajectories for event recognition 108416
Johnson, N.F. *see* Rau, G. 114751
Johnson, N.J. *see* Tengdin, J.T. 121262
Johnson, N.M. *see* Gotz, W. 74146
Johnson, N.M. *see* Gotz, W. 74345
Johnson, N.M. *see* Gotz, W. 83833
Johnson, N.M. *see* Gotz, W. 114631
Johnson, N.M. *see* Gotz, W. 114891
Johnson, N.M. *see* Jackson, W.B. 94408
Johnson, N.P. *see* Leong, T.C. 102782
Johnson, O. *see* Worstell, W. 101338
Johnson, P. *see* Phillips, C. 99647
Johnson, P.A. *see* Bezuidenhoudt, S.J. 102296

Johnson, P.C., Asher, J., Chivers, D.C., Findlay, D.J.S., Harker, A. Carrier lifetime control: processes and modelling 84284
Johnson, P.J. *see* Zhang, X.X. 96183
Johnson, P.N. *see* Miller, S.P. 98799
Johnson, P.R., Kautzky, M.C., Mancoff, F.B., Kondo, R., Clemens, B.M., White, R.L. Observation of giant magnetoresistance in a Heusler alloy spin valve 115627
Johnson, R., Leeson, M.S., Searle, M.D., Senior, J.M. Medium access control layer performance modelling for APONs 67953
Johnson, R. *see* Becker, R. 110615
Johnson, R. *see* Businger, S. 80625
Johnson, R. *see* De La Houssaye, P.R. 62281
Johnson, R.A., Chang, C.E., Asbeck, P.M., Wood, M.E., Garcia, G.A., Lagnado, I. Comparison of microwave inductors fabricated on silicon-on-sapphire and bulk silicon 93931
Johnson, R.A. *see* Abe, K. 69708
Johnson, R.A. *see* Abe, K. 69726
Johnson, R.A. *see* Ho, M.C. 62271
Johnson, R.A. *see* Milroy, I.P. 91844
Johnson, R.A. *see* Pin-Fan Chen 114260
Johnson, R.E. *see* Yamamoto, H. 65488
Johnson, R.E. *see* Yamamoto, H. 76258
Johnson, R.H. *see* Cho, P.S. 108518
Johnson, R.H. *see* Wu, X. 70079
Johnson, R.O., Dymshits, B.M., Ivanov, G.V., Mescherskiy, A.N., Reilly, J.P., Lander, M.L. Laser-material test results from Russian high power carbon monoxide laser 107459
Johnson, R.S. *see* Buckley, J.R. 111266
Johnson, R.W. Design rules for fab CIM 103407
Johnson, R.W. *see* Casady, J.B. 62787
Johnson, R.W. *see* Casady, J.B. 84367
Johnson, R.W. *see* Casady, J.B. 105222
Johnson, R.W. *see* Casady, J.B. 105715
Johnson, R.W. *see* Casady, J.B. 106042
Johnson, R.W. *see* Casady, J.B. 110131
Johnson, S.G. *see* Flikkema, P.G. 107889
Johnson, S.G. *see* Flikkema, P.G. 119296
Johnson, S.G. *see* Morrison, R.L. 99888
Johnson, S.M. *see* De Lyon, T.J. 72830
Johnson, S.M. *see* Johnson, J.L. 95985
Johnson, S.M. *see* Wu, O.K. 100113
Johnson, S.R. *see* Ritchie, S. 61187
Johnson, T. Methods for characterizing colour scanners and digital cameras 77495
Johnson, T. *see* Atkinson, A. 83801
Johnson, T. *see* Gupta, G. 88003
Johnson, T. *see* Kuper, F. 95124
Johnson, T.A. *see* Adams, W.P. 92569
Johnson, T.D. *see* Thiele, D.L. 80207
Johnson, T.K., Nelson, C., Kirch, D.L. A new method for the correction of gamma camera nonuniformity due to spatial distortion 120349
Johnson, T.L. *see* Huston, A.L. 80527
Johnson, V. *see* Asumadu, J.A. 121775
Johnson, V. *see* Wilson, A. 117606
Johnson, V.E. *see* Bowsher, J.E. 120300
Johnson, W.H., Hobbs, D., Jones, R., Pors, G. The elimination of monitor wafers in metal film process control 63427
Johnson, W.N. *see* Inderhees, S.E. 80073
Johnson, W.N. *see* Inderhees, S.E. 101022
Johnson, W.N. *see* Phlips, B.F. 90123
Johnson, W.N. *see* Phlips, B.F. 101023
Johnson, W.W. *see* Mauceli, E. 99874
Johnsson, A. *see* Ericsson, G. 101847
Johnsson, A. *see* Mild, K.H. 70271
Johnsson, L. CCC: the cellular CNS concept 88758
Johnsson, M., Leipala, T., Nevalainen, O. Determining the manual setting order of components on PC boards 92165
Johnst, A.M. *see* Travis, D.S. 89453
Johnston, A.H. The influence of VLSI technology evolution on radiation-induced latchup in space systems 70333
Johnston, A.H., Lee, C.I., Rax, B.G., Shaw, D.C. Using commercial semiconductor technologies in space 111049
Johnston, C. *see* Werner, M. 83972
Johnston, D. *see* Kuper, F. 95124
Johnston, D.A. *see* Minin, V.A. 91861
Johnston, G.T. Comparison of two multi-site reference station differential GPS systems 79089
Johnston, J. *see* Hsueh, A. 98952
Johnston, J.W. *see* Martin, P.M. 82008
Johnston, K. *see* Szymanski, J.J. 110589
Johnston, M. *see* Mulhollan, G. 90109
Johnston, M.B. *see* Kim, Y. 114737
Johnston, P. Printed circuit board design guidelines for ball grid array packages 94022
Johnston, P.N. *see* Persson, L. 105730
Johnston, P.N. *see* Persson, L. 114987
Johnston, P.N. *see* Walker, S.R. 94232
Johnston, R.A. *see* Hsu, Y.W. 70449
Johnston, R.D. It's good to listen–the story of speech recognition at BT Laboratories 97652
Johnston, R.R. *see* Hanson, D.L. 110514
Johnston, S. *see* Manchester, R.N. 99704
Johnston, S.L. Millimeter wave anti-armor missile systems 70608
Johnston, S.W., Leburton, J.P., Lyanda-Geller, Y. Magnetic density gap in the quantum Hall regime 83893
Johnston, T.W. *see* Ghizzo, A. 79842
Johnston, W. *see* Fenton, C.J. 99378
Johnston, W.E. *see* Malluhi, Q.M. 108165
Johnston, W.E. *see* Tierney, B.L. 67795
Johnstone, C., Ankenbrandt, C., Bjerklie, S., Boehnlein, D., Foley, M., Kroc, T., Lackey, J., Lennox, A., Leveling, A., McCrory, E., Popovic, M., Schmidt, C., Vaziri, K. A proposed 100-400 MeV beam facility at Fermilab 79799
Johnstone, J. *see* Holmes, S.D. 79938
Johnstone, W. *see* Gloag, A. 65091
Johnstone, W. *see* Kutsaenko, V. 116037
Joho, W. *see* Kaltchev, D. 89823
Joho, W. *see* Stammbach, T. 100434
Johr, T. *see* Werncke, W. 85590
Johr, T. *see* Werncke, W. 85630
Johr, T. *see* Werncke, W. 96741
Johs, B. *see* Celii, F.G. 63574
Johs, B. *see* Schubert, M. 119916
Johs, B.D. *see* McGahan, W.A. 115078
Johse, O. Comparison of the performance of current-source driver and that of voltage-source driver 103089
Joindot, I. Electrical measurement method for noise parameter of optical fibre amplifier by shot noise reference 65084
Joindot, I., Dupre, F. Measurements and modeling of AC gain tilt in optical fibre amplifiers 65087
Joiner, B., Siegal, B., Tarter, T., Bright, B. Use of experimental data in guiding thermal specification development 103443
Joiner, L.L., Komo, J.J. Time domain decoding of extended Reed-Solomon codes 97580
Joiner, L.L. *see* Komo, J.J. 66454
Joiner, M.C. *see* Rojas, A. 90588
Joines, W. *see* Palmer, D. 62571
Joisel, A. *see* Bolomey, J.C. 80369
Jojic, N. *see* Mehdi, N. 70154
Jojic, N. *see* Wang, Z. 86497
Jokanovic, D.P., Shiratori, N., Moizumi, K. Converging technologies: Towards enterprise integration 82151
Jokerst, N.H. *see* Cross, J. 109659
Jokerst, N.M., Brooke, M., Vendier, O., Wilkinson, S.T., Fike, S.M., Lee, M., Buchanan, B., Wills, S., Brown, A. Manufacturable multi-material integration compound semiconductor devices bonded to silicon circuitry 75770
Jokerst, N.M. *see* Cacter-Coman, C. 82602
Jokerst, N.M. *see* Carter-Coman, C. 82677
Jokerst, N.M. *see* Carter-Coman, C. 103962
Jokerst, N.M. *see* Chou, H.C. 112404
Jokerst, N.M. *see* Evers, N. 105859
Jokerst, N.M. *see* Rohatgi, A. 112365
Jokerst, S., Keith, J., Smith, L., Lawrence, R., Lupash, L., Feldmann, M. NavTEL–a powerful analysis tool in the process of validating C-130 SCNS GPS/INS integration design 80724
Jokinen, A. *see* Lhersonneau, G. 80145
Jokinen, H. *see* Ailisto, H. 67428
Jokinen, H. *see* Hamalainen, J. 88341
Jokinen, H. *see* Ling Wang 88381
Jokinen, T. *see* Deng, X. 91538
Joksimovich, V. Where do we go from here in U.S. nuclear safety regulations? 81208
Jolda, J., Klaucke, R. Permanent magnet brakes and clutches 71607
Jolesz, F.A. *see* Wells, W.M., III 101186
Jolesz, F.A. *see* Williamson, D.S. 69998
Jolfaei, M.A., Quernheim, U. Multicopy ARQ strategies for heterogeneous networks 118515
Jolie, J. *see* Bertschy, M. 100796
Jolie, J. *see* Bertschy, M. 101009
Jolie, J. *see* Stritt, N. 101010
Jolin, J. *see* Quagliano, J.R. 110427
Jollay, D. Manufacturing experience in reducing environmental induced failures of laser diodes 107334
Jolley, B. *see* Mansour, R.R. 93695
Jolley, B. *see* Mansour, R.R. 95621
Jolley, B. *see* Mansour, R.R. 99401
Jolley, N.E. *see* Davis, F. 67945
Jolliffe, C.M., Pollock, C. Three dimensional finite element analysis for modelling hybrid stepping motors 102772
Jolliffe, C.M., Pollock, C., Chappell, M.J. A novel algebraic expression for modelling non-linear magnetic steel with direct uses for electric motor design software packages 102646
Jolly, A., Coic, H., Maruenda, Ph., Estraillier, Ph., Rouyer, C., Bailly-Salins, R., Luce, J. Diode pumped Nd:LNA as a pulsed amplifier 85416
Jolly, A. *see* Le Neve, M. 76211
Jolly, C.N., Spelman, F.A., Clopton, B.M. Quadrupolar stimulation for cochlear prostheses: modeling and experimental data 101430
Joly, C. *see* Legros, E. 99562
Joly, J.M. *see* Amiranoff, F. 89645
Joly, J.M. *see* Chehab, R. 89714
Joly, J.M. *see* Garvey, T. 90080
Joly, P., Kim, H.-K. Efficient automatic analysis of camera work and microsegmentation of video using spatiotemporal images 88853
Joly, P., Poirier, C., Roberts, J.E., Trouve, P. A new nonconforming finite element method for the computation of electromagnetic guided waves. I. Mathematical analysis 116992
Joly, P. *see* Ortega, J.M. 107394
Joly, S., Haouat, G., di Crescenzo, J., Striby, S. Radiation sources in the picosecond range 110476
Joly, S. *see* Dowell, D.H. 96491
Joly, S. *see* Guimbal, P. 96547
Joly, S. *see* Haouat, G. 89994
Jomaah, J., Balestra, F., Ghibaudo, G. Hot-carrier effects in single- and double-gate thin-film SOI MOSFETs 84452
Jon-Ha Lee *see* Kwang-Sup Kim 121853
Jonalagada, C. *see* Vetter, R.J. 87935
Jonard, F., Smeers, Y., Bruel, P., Heilbronn, B. Wheeling costs: an economic analysis illustrated by short term and long term simulation 101981
Jonas, F., Varju, G. A general model and numerical method for multiconductor systems in frequency domain 101757
Jonas, K., Kaul, M., Klein, L., Steinberg, D. Interconnection of ATM networks via satellite links for multimedia teleconferencing 118488
Jonas, O. Plant alert: don't let erosion/corrosion compromise safety 71017
Jonas, R.P. A passively athermalised 250 mm diameter re-imaging refractor for the mid-waveband infrared 69254
Jonas, S., Ptak, W.S., Sadowski, W., Walasek, E. In situ study of chemical reactions during growth of SiC and Si_3N_4 layers from gas phase 82763
Jonathan, J.M.C. *see* Delaye, P. 115979
Jonathan, N.B.H. *see* Flowers, M.C. 74117
Jonathan Chien-Liang Liu, Jenwei Hsieh, Du, D.H.C., Meng-Jou Lin Performance of a storage system for supporting different video types and qualities 109939
Jonatschick, G. *see* Zaifu Zhang 73047
Jonckheere, E.A. *see* Heidari, S. 76986
Jonckheere, R. *see* Strunk, C. 95478
Jonckheere, R. *see* Van Canneyt, M. 98943
Jondral, F., Kohl, M., Hartmann, C. Doppler profiles for communication satellites 99410
Jone, W.-B., Shah, N., Gleason, A., Das, S.R. PGEN: a novel approach to sequential circuit test generation 93268
Jone, W.B. *see* Das, S.R. 93338
Jone Wen-Ben *see* Wen-Ben Jone
Jones, A. *see* Iskander, M.F. 92096
Jones, A. *see* Moller, H. 105585
Jones, A. *see* Youngs, L. 61931
Jones, A.C., Batchelor, B.G. PIP–an integrated environment for developing Prolog-based image processing applications 97951
Jones, A.C., Houlton, D.J., Rushworth, S.A., Flanagan, J.A., Brown, J.R., Critchlow, G.W. The deposition of aluminium thin films by CVD using a novel adduct of dimethylaluminum hydride 72906
Jones, A.C. *see* Houlton, D.J. 72907
Jones, A.C. *see* Rushworth, S.A. 61412
Jones, A.C. *see* Wang, C.A. 61206
Jones, A.C. *see* Whitaker, T.J. 103963
Jones, A.E., Wilkinson, T.A. Combined coding for error control and increased robustness to system nonlinearities in OFDM 117940
Jones, A.M. *see* Lammert, R.M. 65000
Jones, A.R. *see* Cabay, S. 61015
Jones, A.R. *see* Cabay, S. 61016
Jones, B. Alcatel's contribution to the development of new Australian telecommunications networks 78304
Jones, B.C., Skellern, D.J. Influence of terminal distributions and channel spills on microcell coverage 78447
Jones, B.C., Skellern, D.J. System design for contiguous cell coverage in high density microcellular networks 88263
Jones, B.C., Skellern, D.J. Interference distributions in microcell ensembles 99214
Jones, B.E. *see* Cheshmehdoost, A. 88979
Jones, B.E. *see* Pember, S.J. 79447
Jones, B.K., Santana, J., Sloan, T., Zdansky, K. Relaxation semiconductor devices 114602
Jones, B.K., Xu, Y.Z., Zobbi, P. The evolution of the microscopic damage in electromigration studied by multiple electrical measurements 94825
Jones, B.K. *see* Santana, J. 120145
Jones, B.K. *see* Ursutiu, D. 106992
Jones, B.K. *see* Zdansky, K. 120147
Jones, B.R. *see* Kizilyalli, I.C. 106227
Jones, C. Faster turbine alignment ends the outage that much sooner 71019
Jones, C. Competitive realities change focus of boiler/HRSG design 71133
Jones, C. Solid state controllers poised to revolutionize AC transmission 80991
Jones, C. New-unit advances perk up old unit retrofits 91335
Jones, C. Interconnections move from bilateral to multinational basis 111520
Jones, C.A. *see* Collins, J.V. 72293
Jones, C.A. *see* Collins, J.V. 112941
Jones, C.C.R., MacDiarmid, I.P., Simpson, R.J., Loller, C.P. A review of approaches to the enhancement of performance in computational methods applied to electromagnetic hazards 65892
Jones, C.D.W. *see* Van Buuren, T. 62672
Jones, C.E., Coulter, K.P., Holt, R.J., Kowalczyk, R.S., O'Neill, T.G., Poelker, M., Zeidman, B. Laser-driven polarized targets of hydrogen and deuterium 110529
Jones, C.L., Lonergan, G.T., Mainwaring, D.E. Wavelet packet computation of the Hurst exponent 66798
Jones, C.L. *see* Baker, I.M. 89089
Jones, C.M. *see* Meigs, M.J. 79781
Jones, C.M. *see* Meigs, M.J. 79886
Jones, C.M. *see* Meigs, M.J. 100595

Jones, D. *see* Hartley, S. 103338
Jones, D.C. *see* Guillou, C. 70476
Jones, D.C. *see* Scott, A.M. 65447
Jones, D.F. *see* Sherrit, S. 106347
Jones, D.G. *see* Hart, D. 90667
Jones, D.K. *see* Webster, J.R. 79572
Jones, D.L. *see* Sayeed, A.M. 76969
Jones, D.M. *see* Murray, A.C. 117265
Jones, D.M. *see* Roberts, J.D. 95645
Jones, D.R., O'Shaughnessy, S.M., Laine, D.C. Enhanced operation of a CW optically pumped molecular iodine cell laser operating in the visible and near-infrared spectrum 107134
Jones, D.R., Young, S.D. Flight demonstration of integrated airport surface automation concepts 70424
Jones, D.R. *see* Little, C.E. 116376
Jones, E. *see* Chan, J.S. 63238
Jones, E. *see* Collins, M.P. 91083
Jones, E. *see* Gassmann, A. 103838
Jones, E.D. *see* Ahmed, M.U. 74238
Jones, E.D. *see* Biefeld, R.M. 82650
Jones, E.D. *see* Lyo, S.K. 74416
Jones, E.D. *see* Malzbender, J. 63240
Jones, E.J. *see* Thiem, C.D. 70570
Jones, E.V. *see* Pickering, A. 67946
Jones, F. Internet basics 67817
Jones, F.H. *see* Rastomjee, C.S. 105567
Jones, G., Bhattacharya, T., Haykin, S. A radar vision system for small target detection in sea clutter 68591
Jones, G., II, Morais, J. Energy transfer for laser dyes co-bound in organic polymers 96129
Jones, G.A. *see* Dova, P. 106582
Jones, G.A. *see* Sinclair, G.J. 106584
Jones, G.A.C. *see* Brown, S.J. 103914
Jones, G.A.C. *see* Davies, A.G. 62908
Jones, G.A.C. *see* Field, M. 83946
Jones, G.A.C. *see* Field, M. 105362
Jones, G.A.C. *see* Frost, J.E.F. 62934
Jones, G.A.C. *see* Millard, I.S. 74359
Jones, G.A.C. *see* Patel, N.K. 62900
Jones, G.A.C. *see* Patel, N.K. 83947
Jones, G.A.C. *see* Rubel, H. 105360
Jones, G.A.C. *see* Savchenko, A.K. 106082
Jones, G.A.C. *see* Turner, N. 63028
Jones, G.J.E. *see* Jones, K.S. 76873
Jones, G.J.F., Foote, J.T., Sparck Jones, K., Young, S.J. Retrieving spoken documents by combining multiple index sources 97653
Jones, G.R. *see* Humphries, J. 69204
Jones, G.R. *see* Kelley, E.F. 89441
Jones, G.R. *see* Liu, W.D. 71559
Jones, G.R. *see* Russell, P.C. 79514
Jones, G.S. *see* Martin, E.J. 100736
Jones, H. *see* Eyssa, Y.M. 96972
Jones, H. *see* Herlach, F. 96978
Jones, H. *see* Jenkins, R.G. 95550
Jones, H. *see* Ryan, D.T. 95411
Jones, H. *see* Van Cleemput, M. 96973
Jones, H.E. *see* Miller, M.G. 109754
Jones, H.W. Optimum signal modulation for interstellar communication 79109
Jones, H.W. A short history of acoustical imaging 85157
Jones, I. *see* Spalding, I. 107087
Jones, I.P., Cheng, T.T., Aindow, M., Gough, J., Graham, A., Giess, J. Precipitation and migration of point defects in MOCVD $Cd_xHg_{1-x}Te$ 74236
Jones, I.P. *see* Yang, G. 75313
Jones, J. *see* Manitakos, D. 70343
Jones, J. *see* Steele, J.P.H. 72965
Jones, J.A. *see* Mortazavi, S.H. 88323
Jones, J.D.C. *see* Anderson, D.J. 96864
Jones, J.D.C. *see* Buckberry, C.H. 82787
Jones, J.D.C. *see* Doval, A.F. 76272
Jones, J.D.C. *see* Haran, F.M. 96853
Jones, J.D.C. *see* Valera, J.D.R. 79440
Jones, J.J. *see* Brown, D.B. 109711
Jones, J.L. *see* Thatcher, T.A. 71089
Jones, K. System management for the three-tiered SAP AG R/3 environment 77857
Jones, K. Protecting UNIX systems: security management with CA-UNICENTER 98695
Jones, K.A., Hilton, K.P., Crouch, M.A., Hughes, B.T., Cole, M.W., Han, W.Y. Analyses of ohmic contacts to GaAs based microwave HBTs 63607
Jones, K.A. *see* Cole, M.W. 94593
Jones, K.A. *see* Dubey, M. 83817
Jones, K.A. *see* Dubey, M. 96057
Jones, K.A. *see* West, L.C. 85077
Jones, K.A. *see* West, L.C. 95818
Jones, K.A. *see* West, L.C. 96056
Jones, K.D., Privitera, J.P. The automatic generation of functional test vectors for Rambus designs 82865
Jones, K.I., Frise, P.R. Temperature effects on DC potential drop measurements made on a zirconium alloy plate specimen 61510
Jones, K.J. A number-theoretic spectral interpolation algorithm & its application to problem of conventional beamforming [sonar] 68737
Jones, K.L. *see* Manwaring, M.L. 110695
Jones, K.M., Harris, J.G. The silicon vocal tract 108197
Jones, K.M. *see* Dhere, R.G. 112367
Jones, K.M. *see* Wanlass, M.W. 103038
Jones, K.P. *see* Simeonidou, D. 78682
Jones, K.S., Elliman, R.G., Petravic, M.M., Kringhoj, P. Using doping superlattices to study transient-enhanced diffusion of boron in regrown silicon 74388
Jones, K.S., Jones, G.J.E., Foote, J.T., Young, S.J. Experiments in spoken document retrieval 76873
Jones, K.S., Zhang, L.H., Krishnamoorthy, V., Law, M., Simons, D.S., Chi, P., Rubin, L., Elliman, R.G. Diffusion of ion implanted boron in preamorphized silicon 62680
Jones, K.S. *see* Antonell, M.J. 72766
Jones, K.S. *see* Chaudhry, S. 63254
Jones, K.S. *see* Herner, S.B. 63110
Jones, K.S. *see* Peartona, S.J. 105271
Jones, K.S. *see* Santana, C.J. 103926
Jones, K.Sparck *see* Sparck Jones, K.
Jones, L. *see* Evans, C. 66673
Jones, L. *see* Fagan, J.G. 75163
Jones, L. *see* Weiss, M. 108269
Jones, L., II *see* Bumm, L.A. 73894
Jones, L.A., Yukseker, O., Thomas, D.F. Dependence of photochemically etched porous silicon formation on photoetching wavelength and power 84186
Jones, L.D., Garcia, E. Self-sensing magnetostrictive actuator for vibration suppression 75284
Jones, L.D. *see* Harrison, D.J. 92989
Jones, L.E., Andersson, G. Selecting robust input signals for HVDC damping controllers 81008
Jones, L.G. *see* Raman, S. 73223
Jones, L.G. *see* Raman, S. 113647
Jones, M. Maintenance of electrical equipment in hazardous areas 71220
Jones, M. *see* Arya, V. 79475
Jones, M. *see* Kulick, S. 100181
Jones, M. *see* McGuire, J. 112778
Jones, M.B., Leach, P.J., Draves, R.P., Barrera, J.S., III Support for user-centric modular real-time resource management in the Rialto operating system 118260
Jones, M.C., Marron, J.S., Sheather, S.J. Progress in data-based bandwidth selection for kernel density estimation 103598
Jones, M.D. *see* Black, P.E. 113661
Jones, M.E. *see* Bhatia, V. 79480
Jones, M.P. *see* Buckberry, C.H. 82787
Jones, M.R., Pennington, R.J., Selover, S.J. Degradation of tin-lead solder joints via interaction with 2-ethyl-hexanoic acid 92196
Jones, M.S., Saunders, M.A., Guymer, T.H. Global remnant cloud contamination in the along-track scanning radiometer data: Source and removal 120811
Jones, M.S. *see* Thomas, D.W.P. 70978
Jones, N.B. *see* Goodyer, P.D. 70045
Jones, N.B. *see* Li, P.L.S. 120520
Jones, N.B. *see* Thompson, B. 70129
Jones, N.L. Investigation of a new type charging belt {electrostatic accelerator} 79780
Jones, O.C. *see* Kim, G.T. 113422
Jones, P. *see* Patrick, R. 105641
Jones, P.A. *see* Gravill, N. 90330
Jones, P.D. *see* Panicacci, R.A. 79544
Jones, P.M. *see* Lhersonneau, G. 80145
Jones, R., Gilmore, I. Benefits of sinusoidal rectifiers on variable speed wind turbines–high quality mains power from variable speed wind turbines 102584
Jones, R., Hyde, S.C.W., Lynn, M.J., Barry, N.P., Dainty, J.C., French, P.M.W., Kwolek, K.M., Nolte, D.D., Melloch, M.R. Holographic storage and high background imaging using photorefractive multiple quantum wells 107627
Jones, R., Kushler, R., Winterbottom, A. The funnel experiment {on process quality control} 60664
Jones, R., Lowther, J.E., Goss, J. Limitations to n-type doping in diamond: the phosphorus-vacancy complex 114895
Jones, R., Soille, P. Periodic lines: definition, cascades, and application to granulometries 117542
Jones, R. *see* Briles, S. 101551
Jones, R. *see* Ferzali, W. 68320
Jones, R. *see* Hocknell, A. 110389
Jones, R. *see* Johnson, W.H. 63427
Jones, R. *see* Soille, P. 67371
Jones, R.A., Muller, T.B., Haraldseth, O., Baptista, A.M., Oksendal, A.N. Cerebrovascular changes in rats during ischemia and reperfusion: A comparison of BOLD and first pass bolus tracking techniques 69997
Jones, R.A. *see* Sebastiani, G. 80265
Jones, R.D., Feeney, R.K., Cochran, J.K., Hill, D.N. A circuit model for a family of low-voltage field-emission-array cathodes 73994
Jones, R.D. *see* Richards, M.T. 67159
Jones, R.E., Jr., Desu, S.B. Process integration for nonvolatile ferroelectric memory fabrication 93395
Jones, R.E., Jr., Spector, C.J., Williams, J.L., Lin, C.-J. Magnetic properties of Fe(N)/NiFe(N) sputtered on sloping surfaces 115624
Jones, R.E., Jr. *see* Chiu, A. 106599
Jones, R.E., Jr. *see* Chu, P.Y. 64167
Jones, R.H. *see* Ghosh, A.K. 121128
Jones, R.H. *see* Tengdin, J.T. 121262
Jones, R.M., Heifets, S.A. Investigation of the beam impedance of a slowly varying waveguide 89951
Jones, R.M., Wilson, P.B., Kroll, N.M. Loaded delay lines for future RF pulse compression systems 89920
Jones, R.P. ODA support for transmission in developing countries 80980
Jones, R.T. *see* Passaggio, S. 69725
Jones, S. Multimedia and the superhighway: exploring the rights minefield 67914
Jones, S. Lights, camera, action–a review of the proposed changes to UK broadcasting law 119358
Jones, S., Jumarhon, B., McKee, S., Scott, J.A. A mathematical model of a biosensor 89177
Jones, S. *see* Cockburn, A. 87668
Jones, S. *see* Izu, M. 112359
Jones, S.C. *see* Schmidt, T.A. 82941
Jones, S.C. *see* Schmidt, T.A. 91777
Jones, S.H., Carlstrom, J.E., Zybura, M.F. Transferred electron oscillators for heterodyne receivers 83390
Jones, S.H., Seidel Salinas, L. Generalized simulator for vapor phase epitaxy on patterned substrates 62759
Jones, S.J. *see* Brusa, A. 70143
Jones, S.K., Ahmed, M., Rothwell, W.J., De Wolf, I., Deferm, L. Characterisation of mechanical stress in advanced PBL isolation 63294
Jones, S.K. *see* De Wolf, I. 62695
Jones, S.L. *see* Swart, H.C. 95964
Jones, S.M. RF system requirements for HIPERLAN 78048
Jones, S.M.R. *see* McEwan, N.J. 107884
Jones, T. Hybrid mail: re-engineering business communications 77845
Jones, T., Schieman, E. CD-I: a multi-media tool for distance learners 118613
Jones, T. *see* Bailey, D.L. 101108
Jones, T. *see* Bailey, D.L. 101118
Jones, T. *see* Bloch, K. 67654
Jones, T. *see* Bloomfield, P.M. 101339
Jones, T. *see* Matthews, J. 101183
Jones, T.C.E. *see* Gifford, A.D. 64686
Jones, T.D., Godwin, L.M., Wisoff, P.J., Evans, C.A., Amsbury, D.L. Astronaut Earth observations during the space radar laboratory missions 90734
Jones, T.G. *see* Young, F.C. 120123
Jones, T.K. *see* Vandre, R.H. 80432
Jones, T.P. *see* Connolly, J.J. 119936
Jones, T.S. *see* Bell, G.R. 94367
Jones, T.S. *see* Holmes, D.M. 82593
Jones, T.S. *see* Naji, O. 103867
Jones, V. *see* Ng, W. 66151
Jones, W., Vaigneur, K., Young, J., Reed, J., Moyers, C., Nahmias, C. The architectural impact of single photon transmission measurements on full ring 3-D positron tomography 101114
Jones, W. *see* Valsaraj, N. 63610
Jones, W.D. *see* Rothermal, J. 70472
Jones, W.F. *see* de Kemp, R.A. 70066
Jones, W.L. *see* Bard, J.D. 108262
Jones, W.P., Ball, M., Collins, J., Ellison, T., Hamilton, B. Beam diagnostic systems and their use in the new IUCF beam line 100575
Jones, W.P. *see* Liu, J.Y. 89882
Jones, W.R. VRLA batteries–where we are now 81720
Jong, A.de *see* de Jong, A.
Jong, E.C.J.N.De *see* De Jong, E.C.J.N.
Jong, F.De *see* De Jong, F.
Jong, G.de *see* de Jong, G.
Jong, G.W.de *see* de Jong, G.W.
Jong, H.Looren de *see* Looren de Jong, H.
Jong, J.-M. *see* Pratapneni, S.N. 82929
Jong, J.-Y. *see* Chih-Cheng Hung 98343
Jong, J.De *see* De Jong, J.
Jong, J.F.de *see* de Jong, J.F.
Jong, J.K.de *see* de Jong, J.K.
Jong, J.P.de *see* de Jong, J.P.
Jong, M.De *see* De Jong, M.
Jong, M.J.M.de *see* de Jong, M.J.M.
Jong, N.De *see* De Jong, N.
Jong, P.C.de *see* de Jong, P.C.
Jong, R.A. *see* Byng, J.W. 69957
Jong, T.de *see* de Jong, T.
Jong, W.de *see* de Jong, W.
Jong Ae Park *see* Seog Tae Han 93732
Jong Beom Ra *see* Hyun Duk Cho 77511
Jong Beom Ra *see* Woo Yong Lee 117551
Jong Boo Kim A design of adaptive equalizer using the transversal Walsh filter and the optimal LMS algorithm 86175
Jong Chen *see* Kuan-Zong Fung 81850
Jong Cheol Shin, Sook-Il Kwun, Youngtae Kim Experimental tracking of unstable orbits in driven diode resonator by weak coupling 82998
Jong Choi Won *see* Won Jong Choi
Jong Chul Park *see* Yong Eui Lee 92810
Jong Chung Seon *see* Seon Jong Chung
Jong Chung Suck *see* Suck Jong Chung
Jong D. Lee *see* Sung J. Jang 95002
Jong Deuk Kim *see* Sang Mok Chang 79596
Jong Duk Lee, Sang Choon Ko, Joon Tae Song Study on c-axis orientation with deposition parameter and annealing temperature of ZnO thin film deposited by RF magnetron sputtering 104153
Jong Duk Lee *see* Chun Gyoo Lee 73982
Jong Duk Lee *see* Chun Gyoo Lee 83738
Jong Duk Lee *see* Donghwan Kim 74012
Jong Duk Lee *see* Donghwan Kim 83729
Jong Duk Lee *see* Yeon-Cheol Heo 105642
Jong Duk Lee *see* Youngjoo Yee 84627
Jong Ho Choi Morphological shape decomposition using horizontal and vertical directivity 86326
Jong Ho Kim *see* Do Run Kim 90343
Jong Hyek Lim *see* Seong Keun Oh 109336
Jong Hyeob Baek *see* Sung Woo Choi 82757

Jong Hyun Choi *see* Keun Soo Lee 115248
Jong Hyun Lee *see* Doh Hoon Kim 84265
Jong Hyun Lee *see* Sang-Soo Choi 63497
Jong Hyun Lee *see* Sungkyu Yu 85573
Jong Hyung Yim *see* Jong Sup Cho 65358
Jong Ig Lee, Young Ki Cho Electromagnetic coupling through a slit in a parallel-plate waveguide covered by a dielectric slab with an embedded conducting cylinder 65969
Jong Jyh-Ming *see* Jyh-Ming Jong
Jong Kyn Lee *see* Jae Hyun Kim 118083
Jong Lee Hyung *see* Hyung Jong Lee
Jong Lee Won *see* Won Jong Lee
Jong Lee Young *see* Young Jong Lee
Jong Min Cheong *see* Chong Hwa Seo 85536
Jong Min Kim *see* Jie Hun Kang 83731
Jong Min Kim *see* Sang Mok Chang 79596
Jong Myeon Jeong, Young Shik Moon Recognition and positioning of occluded objects using polygon segments 98240
Jong Myeon Jeong, Young Shik Moon, Sung Han Park Recognition and positioning of occluded objects using polygon segments 87102
Jong Park Kun *see* Park Kun Jong
Jong Park Seung *see* Seung Jong Park
Jong Pil Kong, Young Min Kim VLSI design of efficient VLC/VLD utilizing the characteristics of MPEG DCT coefficients 67377
Jong Rak Park *see* Hong Jin Kong 65172
Jong Seol Yuk, Gukhyung Ihm, Sam Kyu Noh A study on the 2-dimensional temperature coefficients of the Hall mobility and related scattering mechanisms 105274
Jong Soo Choi *see* Ho Keun Song 98236
Jong Soo Choi *see* Kil-Moo Lee 87205
Jong Soo Choi *see* Woo Sang Jung 98239
Jong Soo Lim *see* Maeng Ho Son 104119
Jong Suk Ahn, Danzig, P.B. Packet network simulation: speedup and accuracy versus timing granularity 118484
Jong Sung *see* Hyoung-Do Kim 109256
Jong Sung Kim *see* Dong June Chung 75420
Jong Sup Cho, Jong Hyung Yim, Sang Bae Kim Effects of residual facet reflectivity on spectral characteristics of quarter-wavelength shifted DFB lasers 65358
Jong T. Park *see* Sung J. Jang 95002
Jong Tae Baek *see* Byoung-Gon Yu 82724
Jong Tae Ihm *see* Yeon Seon Lee 85138
Jong Tak Kim *see* Kwang Bae Lee 64166
Jong Won Seek *see* Yung Mok Baek 82832
Jong Woo Park *see* Byung Hyug Roh 113942
Jong Woon Choi *see* Yong Wan Kim 110408
Jong Yoo Won *see* Won Jong Yoo
Jong-Arm Jun *see* Hyeon-Sik Shin 118739
Jong-Bae Lee *see* Chan-Sik Kim 86528
Jong-Bum Lee *see* Chul-Hwan Kim 102163
Jong-Choul Kim *see* Jae-Geun Oh 105243
Jong-dal Kim *see* Hee-seok Koh 101989
Jong-Dug Shin, Min-Yong Jeon, Cheoul-Shin Kang Fiber-optic matched filters with metal films deposited on fiber delay-line ends for optical packet address detection 78942
Jong-Eun Byun, Nagata, T. Determining the 3-D pose of a flexible object by stereo matching of curvature representations 86353
Jong-Geun Oh *see* Sussan, A.P. 108898
Jong-Guk Ahn *see* Hegde, H. 75279
Jong-Gul Yoon, Kun Kim Growth of highly textured $LiNbO_3$ thin film on Si with MgO buffer layer through the sol-gel process 61162
Jong-Gyu Hwang, Seung-Yo Lee, Gyu-Ha Choe, Hyung-Lae Baek, Geum-Bae Cho A novel detecting noise reduction scheme for voltage-regulated current-fed power filter 121058
Jong-Ha Moon *see* Dong-Hun Yeo 95238
Jong-Hee Han, Kwyro Lee A physically-based high-frequency noise model of MESFETs taking static feedback effect into account 73746
Jong-Hee Hwang, Graham, G.D., Behar, K.L., Alger, J.R., Prichard, J.W., Rothman, D.L. Short echo time proton magnetic resonance spectroscopic imaging of macromolecule and metabolite signal intensities in the human brain 70088
Jong-Hourm Wei *see* Hsunling Bai 70651
Jong-Hwan Song, Seung-Ki Sul Torque maximizing control of permanent magnet synchronous motor under voltage and current limitations of PWM inverter 71266
Jong-Hwan Yoon, Czang-Ho Lee Stability of undoped hydrogenated amorphous silicon multilayer film grown with alternating substrate temperature 92911
Jong-Hyeong Lee, Tae-Kyun Kim An adaptive clock recovery utilizing data buffer filling rate 88867
Jong-il Kim, Chang Sohn, Byung-Uk Lee, Kyu-Hwan Chang A stereo audio coder using adaptive frame and channel bit allocation 88874
Jong-In Shim *see* Gyeong-Il Kweon 116859
Jong-Jean Kim *see* Yong-Jik Park 114562
Jong-Jy Shyu, Ying-Ta Ho Design of multiplierless two-channel two-dimensional linear-phase FIR filter banks 98146
Jong-Kae Fwu, Djuric, P.M. Automatic segmentation of piecewise constant signal by hidden Markov models 117502
Jong-Keun Park *see* Hak-Guhn Han 101916
Jong-Keun Park *see* Heung-Jae Lee 102102
Jong-Keun Park *see* Il-Dong Kim 111673
Jong-Keun Park *see* Jang-Cheol Seo 80916
Jong-Keun Park *see* Jun-Hee Hong 102043
Jong-Keun Park *see* Kwang-Myoung Son 101777
Jong-Keun Park *see* Kyung-Rae Cho 81182
Jong-Keun Park *see* Suk-Won Min 81105
Jong-Keun Park *see* Yong-Cheol Kang 102784
Jong-Koo Kim *see* Myung-Chan Kim 81941
Jong-Kook Jang, Ki-Ryong Kwon, Sang-Ho Ahn, Kyu-Ik Sohng, Kuhn-Il Lee A compensation of color error caused by dynamic range transformation of images 98237
Jong-kyu Choi *see* Hee-seok Koh 101989
Jong-Lam Lee *see* Joon Seop Kwak 94566
Jong-Min Na *see* Seung-Youp Han 74676
Jong-Min Na *see* Seung-Youp Han 84294
Jong-Moon Kim, Yoonseon Song, Myung Won Kim Design of a single-chip multiprocessor with on-chip learning for large scale neural network simulation 73605
Jong-Mu Baek *see* Duk-Dong Lee 119774
Jong-Sen Lee *see* Nezry, E. 111168
Jong-Sen Lee *see* Schuler, D.L. 111170
Jong-Seog Koh *see* Kim, J.D. 86322
Jong-Seog Koh *see* Young Tae Han 79196
Jong-Seok Kim *see* Il Kim 72878
Jong-Seon No *see* Sang-Sung Han 68311
Jong-Seon No *see* No Jong-Seon
Jong-Sheng Cherng, Sao-Jie Chen A stable partitioning algorithm for VLSI circuits 106174
Jong-Shi Pang, Ralph, D. Piecewise smoothness, local invertibility, and parametric analysis of normal maps 113120
Jong-Sik Lim, Soon-Young Eom A new 3-way power divider with various output power ratios 83327
Jong-Sik Lim *see* Ahn, D. 93726
Jong-Soo Choi *see* Dong-Wook Kim 77291
Jong-Soo Choi *see* Dong-Wook Kim 97697
Jong-Soo Kim *see* Geun-Hie Rim 71435
Jong-Soo Won *see* Dong-Joon Sim 111904
Jong-Sool Jeong, Seok Ho Song, El-Hang Lee A novel generalized nonlinear dispersion equation for five-layer waveguides with Kerr-like nonlinearity 95738
Jong-Suk Kim, Duck-Chool Lee, Kang Sik Park A study on the humidity sensing properties of polyimide film fabricated by electrophoretic deposition method 104084
Jong-Tae Baek *see* Byung-Tak Jang 83556
Jong-Tae Lee *see* Heonchul Park 93494
Jong-Tae Park, Jae-Hyuk Do, Chi-Moon Han VP design methodology for multicasting using simulated annealing in an ATM network 78115
Jong-Tae Park *see* Hong, J.W. 98583
Jong-Taek Oh *see* Zhang, P. 78439
Jong-Tai Chung *see* Seung-Jong Park 118960
Jong-Tai Lee *see* Moon-Kyun Oh 87864
Jong-Wan Park *see* Jeong-Youb Lee 105732
Jong-Wan Park *see* Seoghyeong Lee 115394
Jong-Wha Chong *see* Chi-Ho Lin 68017
Jong-Wha Chong *see* Chi-Ho Lin 82829
Jong-Won Yu, Noh-Hoon Myung Diffraction by a dielectric-loaded half plane with eccentric edge 116997
Jong-Woo Choi, Dae-Woong Chung, Seung-Ki Sul Implementation of field oriented induction machine considering iron losses 71295
Jong-Woo Choi, Seung-Ki Sui Fast current controller in 3-phase AC/DC boost converter using d-q axis cross-coupling 121583
Jong-Woo Choi *see* Duk-Bae Suh 71753
Jong-Woo Choi *see* Jul-Ki Seok 121970
Jong-Woo Park *see* Jei-Hwan Yoo 73371
Jong-Woo Shin, Seok-Whan Chung, Yong-Kweon Kim, Eun-Ho Lee, Beom-Gyu Choi, Se-Jin Ahn Fabrication of micromirror supported by electroplated nickel posts 74974
Jong-Wook Lee, Koeng Su Lim Dramatic improvement of performance of visible hydrogenated amorphous silicon carbide based p-i-n thin-film light-emitting diodes by two-step hydrogenation 85314
Jong-Wook Lee, Koeng Su Lim Hydrogenation time dependence of a-SiC:H-based p-i-n thin film visible light-emitting diode characteristics 107001
Jong-Wook Park *see* Tae-Sung Jung 73344
Jong-Young Hwang *see* Chul-Hwan Kim 81079
Jong-Young Par *see* Kyung-Sang Lee 119041
Jong-Young Park, Jung-Soo An, Young-Nam Han, Sung-Jun Lim, Heung-Gyoon Ryu Throughput performance improvement of adaptive packet length allocation scheme in wireless data communication system 99307
Jongarm Jun *see* Sun Kang 118725
Jongchan Lee, Youngsong Mun, Byunggi Kim Channel allocation and handover schemes for personal communications systems 118871
Jonge, P.J.De *see* De Jonge, P.J.
Jongen, Y., Laycock, S., Abs, M., Amelia, J.C., Beeckman, W., Kleeven, W., Ladeuze, M., Lannoye, G., Leyman, D., Poreye, V., Vandeplassche, D., Zaremba, S., Hurn, T., Nissley, L., Hubbard, E., Heiberger, M., Tabor, M., Silke, C., Tachikawa, T., Sano, M., Takayama, T., Ohtomo, K., Satoh, T. The proton therapy system for the NPTC: equipment description and progress report 101424
Jongen, Y., Zaremba, S. Cyclotron magnet calculations 69622
Jongenelis, A.P.J.M., Coombs, J.H., Van Es-Spiekman, W., Jacobs, B.A.J. Laser-induced crystallization phenomena in GeTe-based alloys. III. GeTeSe alloys for a CD compatible erasable disk 74297
Jongepier, A.G., van der Sluis, L. Adaptive distance protection of multi-circuit lines 102255
Jongewaard, E. *see* Fowkes, W.R. 100416
Jongeward, G. *see* Katz, I. 120637
Jonghe, L.C.De *see* De Jonghe, L.C.
Jongill Hong, Kay, E., Wang, S.X. Granular magnetic cobalt metal/polymer thin film system 115522
Jongkind, W. *see* Holweg, E.G.M. 89514
Jongkind, W. *see* Lazeroms, M. 80418
Jongkwan Song, Byungjiang Jeong, Yong Hoon Lee Multi-level representations of ETBF using subfilters 66799
Jongkwan Song, Yong Hoon Lee Linear combination of weighted order statistic filters: canonical structure and optimal design 62040
Jongmin Lee *see* Do-Kyeong Ko 65053
Jongmin Lee *see* Do-Kyeong Ko 85619
Jongmin Lee *see* Sang-Hoon Lee 89753
Jongmin Lee *see* Sung Ho Kim 96130
Jongpil Park *see* Bumsoo Han 79911
Jongpil Park *see* Keeman Kim 79771
Jongste, J.F., Oosterlaken, T.G.M., Bart, G.C.J., Janssen, G.C.A.M., Radelaar, S. In situ wafer curvature measurements during rapid thermal annealing of Si(100) wafers 63216
Jongsuck Bae, Jung-Chih Chiao, Rutledge, D.B., Mizuno, K. Metal mesh couplers using evanescent waves at millimeter and submillimeter wavelengths 114198
Jonguitud-Isurieta, E. *see* Barbosa-Garcia, O. 115977
Jonker, B.T., Abad, H., Yu, W.Y., Stoltz, S., Petrou, A., Warnock, J., Poweleit, C.D., Smith, L.M., Schmiedel, T. Spin dependent carrier localization in Fe-based semimagnetic semiconductor heterostructures 74336
Jonker, B.T. *see* Poweleit, C.D. 62717
Jonker, B.T. *see* Thibado, P.M. 61254
Jonker, J., Ehlers, E.M. A generic information infrastructure for enterprise integration 87692
Jonker, K. *see* Faugier, A. 79947
Jonker, M. *see* Bailey, R. 79964
Jonker, M. *see* Faugier, A. 79948
Jonkers, J. *see* Benoy, D. 112600
Jonnavithula, S. *see* Billinton, R. 91156
Jonquiere, J.L. *see* Flament, D. 79057
Jonquire, J.-L. *see* Gouni, P. 88771
Jonqyin Sun, Reed, I.S. Mobile radio link analysis for wireless communications 109427
Jonscher, A. *see* Mahn, U. 112522
Jonson, M. *see* Gorelik, L.Y. 105418
Jonsson, A. *see* Borjesson, T. 69353
Jonsson, A. *see* Mattsson, U. 90412
Jonsson, B., Carruthers, B., Bier, S. Creating customer loyalty through front-line sales/service contacts 87543
Jonsson, B., Lowery, A.J., Olesen, H., Tromborg, B. Instabilities and nonlinear L-I characteristics in complex-coupled DFB lasers with antiphase gain and index gratings 65282
Jonsson, B.J., Turkki, T., Strom, V., El-Shall, M.S., Rao, K.V. Oxidation states and magnetism of Fe nanoparticles prepared by a laser evaporation technique 64268
Jonsson, I.-M. *see* Falk, A. 87843
Jonsson, I.-M. *see* Nygren, K. 87970
Jonsson, L. *see* Karlgren, K. 66577
Jonsson, P., Barklund, J. Characterizing signal behaviour using genetic programming 117379
Jonsson, P. *see* Bleichner, H. 83812
Jonsson, P. *see* Persson, L. 105730
Jonsson, R. *see* Hadorn, P. 102908
Jonsson, T., Bjorklund, P.-E. Capacitor commutated converters for HVDC 91119
Jonsson, U. *see* Holmgren, T. 91122
Jonsson, U. *see* Larsson, A. 102200
Jontell, M. *see* Mattsson, U. 90412
Jonuscheit, H., Christoph, T., Groppe, H. Acoustic quality control 72315
Jonuscheit, J., Thumann, A., Schenk, M., Seeger, T., Leipertz, A. One-dimensional vibrational coherent anti-Stokes Raman-scattering thermometry 116700
Joo, C.B. *see* Jeong, J.S. 117050
Joo, J. *see* Goretta, K.C. 115908
Joo, K.S., Rajan, S., Bose, T. On 2-D periodically shift variant digital filters 83227
Joo Eon Kyeong *see* Eon Kyeong Joo
Joo Geok Tan *see* Tan Joo Geok
Joo Giho *see* Giho Joo
Joo Gwan-Chong *see* Gwan-Chong Joo
Joo In Lee *see* Sungkyu Yu 85573
Joo Jung-Heon *see* Jung-Heon Joo
Joo Jungkyu *see* Jungkyu Joo
Joo Kim Sung *see* Sung Joo Kim
Joo Kim Wan *see* Wan Joo Kim
Joo Koan Sik *see* Koan Sik Joo
Joo Kuan Jung *see* Kuan Jung Joo
Joo Kyung Sub *see* Kyung Sub Joo
Joo Lee Hwack *see* Hwack Joo Lee
Joo Leong Tham *see* Ali, A. 73802
Joo Minseok *see* Minseok Joo
joo Moon Phil *see* Phil joo Moon
Joo Seung-Ki *see* Seung-Ki Joo
Joo Shik Bak *see* Kyung Ryul Kim 69593

Joo Shin Dong *see* Dong Joo Shin
Joo Sung-Jae *see* Sung-Jae Joo
Joo Youn Chang *see* Chang Joo Youn
Joo-Heon Ahn, Kwang Ryong Oh, Dong-Keun Kim, Seung Won Lee, Byung-Teak Lee, Hong Man Kim, Kwang Eui Pyun, Hyung Moo Park Successful utilization of CH_4/H_2 RIE for the fabrication of 1.3 μm InGaAsP/InP integrated laser with butt-coupled passive waveguides 96421
Joo-Heon Ahn *see* Chongdae Park 116526
Joo-Heon Ahn *see* Han-Soo Kim 85043
Joo-Hiuk Son, Seongtae Jeong, Bokor, J. Noncontact probing of metal-oxide-semiconductor inversion layer mobility 105509
Joo-Hong Jeong *see* Young-Mi Ohk 68911
Joo-Hyon Lee *see* Yoo-Sang Hwang 106317
Joo-Hyong Noh, Hajime Asahi, Seong-Jin Kim, Takemoto, M., Gonda, S. Scanning tunneling microscopy/scanning tunneling spectroscopy observation of III-V compound semiconductor nanostructures 83967
Joo-Hyun Cho *see* Tae-Woo Lee 91291
Joo-Sun Choi *see* Bai-Sun Kong 73306
Joo-Sun Choi *see* Bai-Sun Kong 104437
Joo-Wan Kim, Byung Sung Kim, Sangwook Nam, Choong Woong Lee Computation of the average power pattern of a reflector antenna with random surface errors and misalignment errors 85975
Joo-wook Eum *see* Kyung-jae Kim 76606
Joo-Yeol Lee, Ui-Seok Hong Push-push subharmonically injection-locked oscillator 104867
Joohn-Sheok Kim, Seung-Ki Sul New approach for the low-speed operation of PMSM drives without rotational position sensors 71765
Joohn-Sheok Kim, Seung-Ki Sul A novel voltage modulation technique of the space vector PWM 112083
Joohyun Koh *see* Collins, R.W. 92882
Joohyun Koh *see* Sangbo Kim 102997
Joolingen, W.van *see* van Joolingen, W.
Joon, S.Y., Yearl, H.Y. A design of an improved GMSK quadrature modulator for digital cellular system 119034
Joon Ahn Seong *see* Seong Joon Ahn
Joon Cho Sung *see* Sung Joon Cho
Joon Im Young *see* Young Joon Im
Joon Ki Paik *see* Kwan Pyo Hong 109943
Joon Kim Hyeong *see* Hyeong Joon Kim
Joon Kim Sang *see* Sang Joon Kim
Joon Lee Dong *see* Dong Joon Lee
Joon Lee Geon *see* Geon Joon Lee
Joon Lee Ho *see* Ho Joon Lee
Joon Lee Kyung *see* Kyung Joon Lee
Joon Lyou *see* Ju Ho Choi 100340
Joon Seek Kim *see* Chang Bum Lee 87196
Joon Seop Kwak, Jong-Lam Lee, Hong Koo Baik, Dong Won Shin, Chan Gyung Park, Haecheon Kim Effect of penetration depth on electrical properties in Pd/Ge/Ti/Au ohmic contact to high-low-doped n-GaAs 94566
Joon Song Young *see* Young Joon Song
Joon Tae Song *see* Jong Duk Lee 104153
Joon Yoo Do *see* Do Joon Yoo
Joon-Cheol Kim *see* Kyoung-Bae Eum 98279
Joon-Han Bae *see* Sang-Jin Lee 81156
Joon-Ho Lee *see* Ilhun Son 96912
Joon-Hyun Lee *see* Joung-Man Park 113620
Joon-Hyun Lee *see* Oh-Yang Kwon 61483
Joon-Seong Lee, Yoshimura, S., Yagawa, G., Kawai, H. Development of integrated CAE system for micromachines 95224
Joon-Suk Kim *see* Sung-Chul Han 109963
Joon-Tae Song *see* Hong-Beom Jin 75366
Joon-Won Kang *see* Zook, J.D. 89117
Joon-Young Choi *see* Jun-Hee Hong 102043
Joon-Yub Kim, Geiger, R.L. A charge conserving macromodel for MOSFET's 74750
Joonbae Park *see* Byungsoo Chang 61814
Joong Chang Chun, Wee Sang Park Analysis of a double step microstrip discontinuity in the substrate using the 3D-FDTD method 107989
Joong Hyup Ko, Seung Do Kim, Myung Jin Chung A method of indoor mobile robot navigation using acoustic landmarks 79020
Joong Hyup Ko, Wan Joo Kim, Myung Jin Chung A method of acoustic landmark extraction for mobile robot navigation 80698
Joong Jo Park, Kyoung Min Kim, Soon Won Jung, Gwi Tae Park Detection of ridges and valleys using local min/max operations 98242
Joong Kim Hyoung *see* Hyoung Joong Kim
Joong Kim Soo *see* Soo Joong Kim
Joong Sung Chung, Byung Wook Kim, Dong Suk Chun, Sang Won Yun, Ik Soo Chang An analysis of arbitrarily shaped planar circulators 104791
Joong-Ho Choi *see* Crow, J.D. 119221
Joong-Hyun Baek *see* Tae-Hyun Kim 103439
Joong-Shik Shin *see* Jae-Whan Kim 72939
Joong-Suk Yoon *see* Jang-Sung Chun 111889
Joong-Suk Yoon *see* Jang-Sung Chun 111891
Joonghyun Baek *see* Ilgyu Jung 104967
Joonho Lim *see* Sungjun Park 62100
Joonhwan Kim, Saewoong Bahk Transfer of MPEG-2 stream over ATM networks 77619
Joonhyuk Choi *see* HyeongJu Kim 118508
Joonwhoan Lee *see* Kyoung-Bae Eum 98279
Joonwoo Lee, Woonyun Kim, Youngsik Kim, Taemoon Roh, Bumman Kim Design study of linearized AlGaAs/GaAs HBTs using Volterra series 94925
Joorabian, M., Aggarawal, R.K. An accurate fault location technique for transmission line using artificial neural network 102139
Joordens, G.H.M. *see* Leenaerts, D.M.W. 104723
Joos, G. *see* Agelidis, V.G. 81566
Joos, G. *see* Daniele, M. 121589
Joos, G. *see* Lopes, L.A.C. 121005
Joos, G. *see* McGillis, D.T. 70836
Joos, G. *see* Moschopoulos, G. 71420
Joos, G. *see* Pinheiro, H. 121701
Joos Geza *see* Geza Joos
JooSeok Song *see* Hyo Taek Lim 97536
JooSeok Song *see* HyoTaek Lim 109298
Jooseok Song *see* Myeongho Kang 109185
Joosse, K., Nakagawa, H., Akoh, H., Takada, S., Maehata, K., Ishibashi, K. Effect of the critical current density and the junction size on the leakage current of Nb/Al-AlO_x/Nb superconducting tunnel junctions for radiation detection 75337
Joost, S. *see* Rogalla, M. 120146
Jooste, B.R., Viljoen, H.J., Rohde, S.L., van Rensburg, N.F.J. Experimental and theoretical study of vibrations of a cantilevered beam using a ZnO piezoelectric sensor 88965
Jopp, K. Schkopau power station–milestone for the "Eastern Boom" 102441
Joppek, C. *see* Li, J.H. 90535
Jopson, R.M. Phase conjugation of lightwave systems 78758
Jopson, R.M. *see* Chraplyvy, A.R. 99580
Jopson, R.M. *see* Eiselt, M. 85016
Jopson, R.M. *see* Gnauck, A.H. 88643
Joram, C. *see* Adam, W. 69709
Joram, C. *see* Fuerstenau, H. 69740
Jorda, J.P. *see* Dael, A. 90053
Jorda, S. Exciton polaritons in quantum wells embedded in waveguides and microcavities 62942
Jordache, N. *see* Prandit, S.M. 110359
Jordan, A.G. *see* McVeigh, J.S. 86590
Jordan, A.G. *see* Sethuraman, S. 86588
Jordan, A.K. *see* Ge Debiao 75514
Jordan, A.K. *see* Shih, S.E. 120863
Jordan, A.S. *see* Mishkevich, V. 68423
Jordan, B. *see* Lenox, M. 72228
Jordan, C. *see* Donegan, J.F. 75956
Jordan, C. *see* Krkic, M. 70171
Jordan, C. *see* Rees, P. 96332
Jordan, C. *see* Tontiwachwuthikul, P. 111781
Jordan, D. *see* Cattrall, D. 67648
Jordan, D.L., Lewis, G.D., Jakeman, E. Emission polarization of roughened glass and aluminum surfaces 100351
Jordan, D.S. *see* Holburn, D.M. 72358
Jordan, G.W. *see* Tryk, D.A. 71674
Jordan, H.F. *see* Bartos, R. 78326
Jordan, H.F. *see* Kannan, R. 77621
Jordan, H.F. *see* Kannan, R. 78322
Jordan, J., Fink, J. Honeywell's experience with screening plastic encapsulated microcircuit 103451
Jordan, J.B. *see* Carlson, J.J. 117639
Jordan, J.B. *see* Meng, Q. 117643
Jordan, K. *see* Benson, S.V. 96445
Jordan, K. *see* Benson, S.V. 107358
Jordan, K. *see* Dylla, H.F. 76067
Jordan, K. *see* Liu, H. 90083
Jordan, K. *see* Neuffer, D.V. 79877
Jordan, K. *see* Speziale, M. 92057
Jordan, L.M. *see* Giakos, G.C. 80358
Jordan, M. *see* Cros, D. 62250
Jordan, M.S., Wash, C.H., Davidson, K.L. Remote measurement of coastal marine atmospheric boundary layer (MABL) features 120798
Jordan, R. *see* Stuhr, F. 88689
Jordan, R.H., Rothberg, L.J., Dodabalapur, A., Slusher, R.E. Efficiency enhancement of microcavity organic light emitting diodes 107010
Jordan, S. *see* Hong Jiang 87348
Jordan, T.P., Morse, M.J., Platt, A. Routing multiservice traffic in ATM networks 77574
Jordan-Cizelj, R., Mavko, B. Influence of specific data on a research reactor probabilistic model 71084
Jordan-Sweet, J. *see* Clevenger, L.A. 74635
Jordanova, E. *see* Petrova, T. 65575
Jorden, G. *see* Ganapathy, G. 83147
Jordhamo, G., Moreau, W. Deep UV hardening of deep UV resists 105808
Jordhamo, G. *see* Chen, K.R. 105805
Jorfeldt, L. *see* Dale, S. 101095
Jorfeldt, L. *see* Holmberg, M. 101259
Jorg, K.-W., Berg, M. First results in eliminating crosstalk and noise by applying pseudo-random sequences to mobile robot sonar sensing 119329
Jorgensen, B.F. *see* Nissov, M. 119135
Jorgensen, B.F. *see* Xiupu Zhang 85574
Jorgensen, B.F. *see* Zhang, X. 76186
Jorgensen, B.F. *see* Ziupu Zhang 88497
Jorgensen, C. *see* Vodjdani, N. 68419
Jorgensen, D.P., Matejka, T., DuGranrut, J.D. Multi-beam techniques for deriving wind fields from airborne Doppler radars 90778
Jorgensen, E. *see* Brandl, N. 77237
Jorgensen, I.H.H., Tunheim, S.A. Design of a 10-bit 100 MSamples/s BiCMOS D/A converter 93507
Jorgensen, I.H.H., Tunheim, S.A. A 10-bit 100 MSamples/s BiCMOS D/A converter 114012
Jorgensen, J.D. *see* Schirber, J.E. 75320
Jorgensen, J.F. *see* Barbato, G. 68958
Jorgensen, R.B. *see* Blanke, M. 112015
Jorgenson, M. *see* Gulliver, T.A. 76771
Jorgenson, M. *see* Serinken, N. 109341
Jorger, C. *see* Chen, J.W. 114803
Jorger, C. *see* Irsigler, R. 120139
Jorio, A., Carlone, C., Parenteau, M., Aktik, C., Rowell, N.L. Formation of EL2, As_{Ga} and U band in irradiated GaAs: effects of annealing 94330
Jorjani, S. *see* Lou, S. 72370
Jorna, R.A.M., Verweij, C.A., Anderson, S. Satellite communication in road freight operations: toy or tool? 99424
Jorna, R.A.M. *see* Anderson, S. 68157
Jornet, N., Ribas, M., Eudaldo, T. Calibration of semiconductor detectors for dose assessment in total body irradiation 90663
Jornsten, K. *see* Holmberg, K. 82440
Jornsten, K. *see* Holmberg, K. 91034
Jorquera, C., Doudoumopoulos, N., Cunningham, T., Ressler, M., Dejewski, S., Dowdy, M., Mahoney, C., Petrick, W., Reyes, G., Durand, D., Eaten, L., Wire, M. A mid-infrared imaging test-bed for TRW's superconducting analog to digital converter 88958
Jorritsma, J., Gijs, M.A.M., Kerkhof, J.M., Stienen, J.G.H. General technique for fabricating large arrays of nanowires 114988
Jory, H. *see* Chu, T.S. 114526
Jory, H.R. *see* Felch, K. 105035
Josa, M.I. *see* Arefiev, A. 69787
Josa, M.I. *see* Arefiev, A. 100805
Josberger, E.G., Gloersen, P., Al Chang, Rango, A. The effects of snowpack grain size on satellite passive microwave observations from the Upper Colorado River Basin 80665
Joschko, M. *see* Christen, J. 62925
Jose, A.San *see* San Jose, A.
Jose, D. *see* Dolny, G. 69396
Jose, J.V., Kopec, T.K., Rojas, C. Quantum phase diagrams in periodic and glassy arrays of ultra-small Josephson junctions 95475
Jose, J.V. *see* Dominguez, D. 64560
Jose, J.V. *see* van Himbergen, J.E. 95466
Jose, K.A. *see* Saji Stephen, D. 116867
Josefsson, L. Mutual coupling effects on the performance of finite radar antenna arrays 66166
Josefsson, T., Nordh, E., Eriksson, P. A flexible high-precision video system for digital recording of motor acts through lightweight reflex markers 69917
Joseph, A.J., Cressler, J.D., Richey, D.M. Novel collector current phenomenon in advanced bipolar transistors operated at deep cryogenic temperatures 63617
Joseph, A.J., Cressler, J.D., Richey, D.M. Optimization of early voltage for cooled SiGe HBT precision current sources 94921
Joseph, A.J. *see* Babcock, J.A. 94946
Joseph, A.J. *see* Latham, M.S. 94919
Joseph, A.J. *see* Richey, D.M. 63635
Joseph, A.J. *see* Richey, D.M. 74708
Joseph, B., Makur, A. Code design using deterministic annealing 66381
Joseph, C. *see* Delorme, S. 69791
Joseph, C.L., Argabright, V., Abraham, J., Dieball, D., Franka, S., Styonavich, M., Van Houten, C., Danks, T., Woodgate, B. Performance results of the STIS flight MAMA detectors 79528
Joseph, C.M., Menon, C.S. Electrical conductivity, optical absorption and structural studies in $CuInSe_2$ thin films 62783
Joseph, E. *see* Kar, B.K. 79368
Joseph, E.D., Kar, B.K., Rohrkemper, R., Muh-Ling Ger Design and noise analysis of an automotive accelerometer 112587
Joseph, J. *see* Nagarajan, R. 88910
Joseph, K.Babu *see* Babu Joseph, K.
Joseph, R. Politics and telecommunications deregulation 67629
Joseph, R. The redefinition of Australian telecommunications policy: An historical overview 98529
Joseph, R.A. Australian telecommunications policy in an international context: Issues for the future 77810
Joseph, R.M. *see* Hagness, S.C. 96391
Joseph, S. *see* Shankar, G. 92163
Joseph, T.W., Herschbein, S.B., Calabrese, C.K. Focused ion beam deposited tungsten contacts to silicon 95144
Josephs, L.C., Gregory, D., Roark, D., Isaacson, M.J., Kaschmitter, J., Mayer, S., Pekala, R. Advanced power conversion based on the Aerocapacitor 83557
Josephson, W. *see* Yang, T.S. 105820
Joshi, A.B., Chung, L., Min, B.W., Kwong, D.L. Gate oxide thickness dependence of RIE-induced damages on n-channel MOSFET reliability 95028
Joshi, A.M. *see* Fffenberger, F.J. 95992
Joshi, A.P. *see* Jain, S.R. 111720
Joshi, B.D., Upadhyaya, B.R. Integrated software tool automates MDV diagnosis 91267
Joshi, C. *see* Brogle, R. 90108
Joshi, C. *see* Clayton, C.E. 90239
Joshi, C. *see* Davis, P. 89606
Joshi, C. *see* Gordon, D. 89680
Joshi, C. *see* Katsouleas, T. 100571
Joshi, C. *see* Katsouleas, T.C. 79848
Joshi, C. *see* Lai, C.H. 89646
Joshi, C. *see* Lampel, M. 89679
Joshi, C. *see* Modena, A. 79768
Joshi, C. *see* Mori, W.B. 89678

Joshi, C. *see* Muggli, P. 79983

Joshi, C. *see* Zhang, R. 89605

Joshi, C.M., Bissu, S.K. Inequalities for some special functions 72414

Joshi, D.P., Unnikrishnan, A.K. Microprocessor controlled AVR and protection system for brushless alternators 81432

Joshi, D.P. *see* Palani, R. 82048

Joshi, G.A. *see* Prandit, S.M. 110359

Joshi, K.K., Pollard, R.D., Postoyalko, V. Conductor, dielectric and radiation losses in multilayer microstrip interconnects with dielectric cover for high performance packaging 112893

Joshi, M. *see* Bhalode, S. 120264

Joshi, M.M., Lee, S. Integrated gasification combined cycle. A review of IGCC technology 121380

Joshi, P.C., Desu, S.B. Structural and electrical characteristics of rapid thermally processed ferroelectric $Bi_4Ti_3O_{12}$ thin films prepared by metalorganic solution deposition technique 95283

Joshi, R. *see* Sarkar, A. 69607

Joshi, R.P., Srivastava, A. Effects of grain boundary scattering on the electron drift velocity behavior in diamond films: a Monte Carlo analysis 105122

Joshi, R.R. On information theory for a cell 110646

Joshi, S.C. *see* Haller, J.W. 101233

Joshi, S.C. *see* Narula, R.C. 103828

Joshi, S.G., Jin, Y. Excitation of ultrasonic Lamb waves in composite membranes 111362

Joshi, S.M., Gafiteanu, R., Gosele, U.M., Tan, T.Y. Simulations and experiments on external gettering of silicon 105102

Joshi, S.P. *see* Freeman, A.R. 95277

Joshi, T., Ahuja, N., Ponce, J. Silhouette-based structure and motion estimation of a smooth object 77159

Joshi, V.M. *see* Panchal, C.G. 104204

Joshi, V.M. *see* Sinha, A. 90180

Joshi, V.M. *see* Sinha, A. 104234

Joshi, Y. *see* Pal, D. 92267

Joshi, Y.K. *see* Argento, C.W. 72291

Joshin, K. *see* Iwai, T. 63614

Joshin, K. *see* Yamada, H. 83375

Josiek, A. Nonstoichiometry and nanocrystallization of silicon-rich silicon carbide deposited by chemical vapor deposition 61389

Josiek, A., Langlais, F. Residence-time dependent kinetics of CVD growth of SiC in the MTS/H_2 system 61388

Joskowicz, L., Taylor, R.H. Interference-free insertion of a solid body into a cavity: an algorithm and a medical application 90548

Joss, P.C. *see* Stair, A.T., Jr. 90794

Joss, P.C. *see* Stair, A.T., Jr. 90796

Joss, W. *see* Rub, P. 96990

Josse, F., Dahint, R., Schumacher, J., Grunze, M., Andle, J.C., Vetelino, J.F. On the mass sensitivity of acoustic-plate-mode sensors 84743

Josse, G. *see* Dautriche, D. 106218

Josselin, S. *see* Kuonen, P. 116905

Jossen, A. *see* Garche, J. 112214

Jossinet, J. Variability of impedivity in normal and pathological breast tissue 120458

Jost, B.M. Photorefractive two-wave mixing bistability in Fe:$KNbO_3$ without external feedback: increasing gain bistability 107488

Jost, E.M. *see* Jeannot, D. 62406

Jost, H., Kampfer, N., Lecacheux, A., Rosolen, C. Broadband acoustooptic spectrometer used as backend for remote sensing of trace gases in the atmosphere 90811

Jostingmeier, A., Rieckmann, C., Omar, A.S. Improving the numerical efficiency and accuracy of the modal expansion inside gyrotron cavities 105027

Jostingmeier, A. *see* Rieckmann, C. 85927

Jostingmeier, A. *see* Rieckmann, C. 97234

Joswick, M.D., Campbell, I.H., Barashkov, N.N., Ferraris, J.P. Systematic investigation of the effects of organic film structure on light emitting diode performance 107004

Joswig, J., Oswald, J., Seifert, S. Biodriven microsystem for treatment of hydrocephalus 80428

Jota, F.G. *see* Silva, P.R. 91127

Jothilingam, R., Dhanasekaran, R. Studies of the initial stages of liquid phase epitaxy growth of InGaAs on GaAs 92726

Jothilingam, R., Saravanan, S., Baskar, K. Deep level transient spectroscopy studies of undoped and Sn-doped $Al_xGa_{1-x}As$ epilayers grown by liquid-phase epitaxy 83846

Jou, H.-L. *see* Wu, J.-C. 61647

Jou, P.Y., Lee, J.Y., Kwon, S.L., Kang, C.E. M-ary nonlinear continuous phase frequency shift keying 108110

Jou, S. *see* Muggli, P. 79983

Jou, S.-J. *see* Hsieh, W.-H. 93075

Jou, Y.F., Nilsson, A.A. ATM traffic measurement and congestion control issues from VISTAnet testbed 78120

Jou Jing-Yang *see* Jing-Yang Jou

Jou Ming-Jiunn *see* Ming-Jiunn Jou

Jou Shyh-Jye *see* Shyh-Jye Jou

Jou Yeh-Ning *see* Yeh-Ning Jou

Jou Yue-Dar *see* Yue-Dar Jou

Jouan, R. *see* Rothan, F. 69311

Jouaneh, M., Rangwala, S. Real time control of thermal distortion during pulsed laser welding of optical packages 107662

Jouanne, A.von *see* von Jouanne, A.

Jouannin, S. *see* Trassoudaine, L. 98069

Joubert, C., Loiseaux, B., Delboulbe, A., Huignard, J.-P. Dispersive holographic microlens matrix for single LCD projection 89241

Joubert, J. *see* Coetzee, J.C. 83577

Joubert, M.F. *see* Guy, S. 76203

Joubert, O. *see* Bell, F.H. 84185

Joubert, P. *see* Abouliatim, A. 94297

Joubert, T.-H. *see* Seevinck, E. 115323

Joukou, S. *see* Kasuga, S. 80014

Joulie, R., Moal, E., de Tourreil, C., Argaut, P., Luton, M.H. Evaluation of the electrical performance of a hollow core composite insulator used in a 245 kV cable termination 91202

Joullie, A. *see* Baranov, A.N. 106993

Joun Yoo Hyung *see* Hyung Joun Yoo

Jouneau, P.-H. *see* Jian Mi 82635

Joung, G.B. New soft switched PWM converter 121567

Joung, G.B., Cho, B.H. An energy transmission system for an artificial heart using leakage inductance compensation of transcutaneous transformer 120516

Joung-Ho Kim *see* Jei-Hwan Yoo 73371

Joung-Man Park, Joon-Hyun Lee Acoustic emission study of micro-failure mechanisms of dual basalt filaments reinforced epoxy composites (DFC) 113620

Joung-Sook Cho *see* Moohee Lee 83274

Joungchel Lee, Collins, R.W., Heyd, A.R., Flack, F., Samarth, N. Spectroellipsometry for characterization of $Zn_{1-x}Cd_xSe$ multilayered structures on GaAs 114761

Jouny, I., Karunaratne, P., Amin, M. Target identification in the time-frequency domain 88672

Jouny, I. *see* Kaprielian, S. 101675

Jouny, I. *see* Rosner, D. 99650

Jouny, I.I., Amin, M.G. Performance of uniform and nonuniform subband constrained adaptive beamforming under broadband correlated arrivals 86238

Jouravlev, N. *see* Ajinenko, I. 90197

Jourba, S. *see* Besland, M.P. 105499

Jourdain, G. *see* Geller, B. 68535

Jourdain, M. *see* Bouchakour, R. 74751

Jourdain, M. *see* Meinertzhagen, A. 84007

Jourdan, A., Doussiere, P., Leclerc, D., Gurib, S., Masetti, F., Joergensen, C., Durhuus, T., Mikkelsen, B., Danielsen, S.L., Stubjkaer, K., Vodjdani, N., Ratovelomanana, F., Enard, A., Schilling, M., Wunstel, K., Idler, W., Morthier, G., Baets, R., Chiaroni, D. All-optical wavelength converters for optical switching applications 88603

Jourdan, A., Masetti, F., Garnot, M., Soulage, G., Sotom, M. Design and implementation of a fully reconfigurable all-optical crossconnect for high capacity multiwavelength transport networks 78904

Jourdan, A. *see* Gurib, S. 116530

Jourdan, A. *see* Joergensen, C. 99458

Jourdan, A. *see* Masetti, F. 78317

Jourdan, A. *see* Ratovelomanana, F. 78778

Jourdan, A. *see* Soulage, G. 119234

Jourdan, A. *see* Vodjdani, N. 68419

Jourdan, J., Fages, F., Rozzonelli, D., Demeure, A. Data alignment and task scheduling on parallel machines using concurrent constraint model-based programming 108252

Jourde, D. *see* Abbes, M. 90145

Journeau, C. *see* Brevart, B.J. 90871

Journel, A.G. Modelling uncertainty and spatial dependence: stochastic imaging 77239

Journet, B. *see* Bazin, G. 109799

Journet, F. *see* Harari, J. 64925

Journet, F. *see* Harari, J. 93816

Jousmaki, V. *see* Makela, K. 90409

Jousse, D., Ponthieu, C., Courtemanche, G., Gy, R. New borosilicate float glass for AM-LCDs 89335

Joutsensalo, J., Lilleberg, J., Hottinen, A., Karhunen, J. A hierarchic maximum likelihood method for delay estimation in CDMA 108800

Jouvie, F. *see* Roussel, H. 66007

Jovancevic, A.V., Titlebaum, E.L. New coding schemes for increased number of users or messages in frequency-hopped multilevel FSK 117190

Jovanovic, D. *see* Broekaert, T.P.E. 63822

Jovanovic, D. *see* Broekaert, T.P.E. 105875

Jovanovic, M.M., Crow, D.E. Merits and limitations of full-bridge rectifier with LC filter in meeting IEC 1000-3-2 harmonic-limit specifications 71434

Jovanovic, M.M., Crow, D.E., Lieu Fang-Yi A novel, low-cost implementation of "democratic" load-current sharing of paralleled converter modules 73101

Jovanovic, M.M. *see* Huber, L. 121686

Jovanovic, S. *see* Nesic, A. 93919

Jovanovic, S. *see* Parnham, K.B. 100830

Jow, T.R., Zheng, J.P. Amorphous thin film ruthenium oxide as an electrode material for electrochemical capacitors 121908

Jow, T.R. *see* Zheng, J.P. 121909

Jow-Tsong Shy *see* Ging-Ho Hsiue 85646

Jow-Tsong Shy *see* Te-Hwei Suen 85651

Joy, D.A. The KNOWS system on the Internet and Web 87737

Joy, G., Zhigang Xiang Reducing false contours in quantized color images 66971

Joy Eapen, B. *see* Mukherjee, A. 116100

Joyce, B.A., Fernandez, J.M., Xie, M.H., Matsumura, A., Zhang, J., Taylor, A.G. Growth and doping of Si and SiGe films by hydride gas-source molecular beam epitaxy 103922

Joyce, B.A. *see* Fernandez, J.M. 103925

Joyce, B.A. *see* Holmes, D.M. 82593

Joyce, B.A. *see* Matsumura, A. 62821

Joyce, B.A. *see* Naji, O. 103867

Joyce, B.A. *see* Sato, K. 113302

Joyce, B.A. *see* Yamaguchi, H. 92696

Joyce, B.A. *see* Zhang, J. 61290

Joyce, B.A. *see* Zhang, J. 103864

Joyce, D. *see* Turner, T.O. 101019

Joyce, D.C. *see* Turner, T.O. 80066

Joyce, G.R., Olshansky, R. Multichannel 64-QAM transmission in AM/digital and all-digital hybrid-fiber-coax based video dial-tone systems 98908

Joyce, K.T., Wang Tang, English, D.W., Howell, G. Using GPS for monitoring air traffic separation standards in international airspace 80584

Joyce, R.M., Ibbetson, L.J., Lopes, L.B. Prediction of GSM performance using measured propagation data 109439

Joyce, T.B., Westwater, S.P., Goodhew, P.J., Pritchard, R.E. Growth of carbon-doped GaAs, AlGaAs and InGaAs by chemical beam epitaxy and the application of in-situ monitoring 103943

Joyce, T.B. *see* Boyd, A.R. 103866

Joyce, T.B. *see* Boyd, A.R. 103869

Joyce, T.B. *see* Davidson, B.R. 103945

Joyce, T.B. *see* Petkos, G.M. 103949

Joyner, C.H. Large scale PICs in III-Vs–unique problems and opportunities 107025

Joyner, C.H. *see* Brenner, T. 106845

Joyner, C.H. *see* Finzi, D. 65177

Joyner, C.H. *see* Zirngibl, M. 78935

Joynt, R. *see* Betouras, J.J. 115943

Jozsa, R. *see* Deutsch, D. 108178

Jozsa, R. *see* Hausladen, P. 117118

Jozwiak, I.J. Procedure of creating a reliability-functional model for a chosen computer system 87832

Jrgensen, J.E. *see* Pedersen, K.R. 106653

Ju, B.K., Lee, Y.H., Oh, M.H. Status and new evaluation method of interfacial oxide between the directly-bonded Si wafer pairs 74492

Ju, B.K. *see* Lee, Y.H. 75736

Ju, J.J., Kwon, T.Y., Yun, S.I., Cha, M., Seo, H.J. Mechanisms of upconverted fluorescence in an Er^{3+} doped $LiNbO_3$ single crystal 107164

Ju, K. *see* Chang, J.-W. 64440

Ju, P., Handschin, E. Parameter estimation of composite induction motor loads using genetic algorithms 90961

Ju, P., Handschin, E., Reyer, F. Genetic algorithm aided controller design with application to SVC 70749

Ju, R.-H. *see* Wu, C.-H. 98563

Ju, S. X., Black, M.J., Jepson, A.D. Skin and bones: multi-layer, locally affine, optical flow and regularization with transparency 86792

Ju, Y.-G. *see* Shin, H.-E. 85511

Ju, Y.H. *see* Liu, C.J. 89181

Ju, Z.-W. *see* Frey, E.C. 80233

Ju, Z.-W. *see* Tsui, B.M.W. 80227

Ju Byeong Kwon *see* Byeong Kwon Ju

Ju Byeong-Kwon *see* Byeong-Kwon Ju

Ju Cho Hyun *see* Hyun Ju Cho

Ju Gyung Kim, Han Gyoon Kim, Ki Hyun Chung, Sang Sin Na, Tae Young Choi A new morphological algorithm for reconstruction of a binary image from its grayscale skeleton 77387

Ju H. Kim *see* Soon T. Hwang 61348

Ju Ho Choi, Joon Lyou Fuzzy data fusion technique for strain measurements 100340

Ju Hwan Oh, Tao Young Choi A new hit-and-miss ratio transform and its application to warning sign segmentation 86622

Ju Hwan Oh *see* Han Gyoon Kim 98238

Ju Hyun Park *see* Park Ju Hyun

Ju Jin, Higuchi, T. Direct electrostatic levitation and propulsion [and application to hard disk media] 116831

Ju Jinxaing, Ren Xiaotang, Song Zhizhong A side extraction PIG negative ion source with permanent magnet 69701

Ju Kihwan *see* Kihwan Ju

Ju Kim Hee *see* Hee Ju Kim

Ju Kim Hyo *see* Hyo Ju Kim

Ju Kim Jun *see* Jun Ju Kim

Ju Kochan *see* Kochan Ju

Ju Kung-Min *see* Kung-Min Ju

Ju Kyoung-Hwan *see* Kyoung-Hwan Ju

Ju Lee *see* Yoshida, K. 112568

Ju Lee Deug *see* Deug Ju Lee

Ju Lee Jeoung *see* Jeoung Ju Lee

Ju Lu Jing *see* Jing Ju Lu

Ju Ming-Shaung *see* Ming-Shaung Ju

Ju Xiangyang, Wu Xiaoping, He Shiping, Jambunathan, K., Ashforth-Frost, S., Dobbins, B.N. Simultaneous fluid velocity and temperature measurements by using encapsulated liquid crystal particles 119950

Ju Yulin *see* Li Yangxian 62688

Ju Yulin *see* Yulin Ju

Ju-Chen Hong *see* Lir-Fang Sun 78151

Ju-Chi Chung *see* Ji-Chyun Liu 119844

Ju-Heon Ahn *see* Byung-Teak Lee 114938
Ju-Hong Lee *see* Shiann-Jeng Yu 66664
Ju-Hong Lee *see* Shiann-Jeng Yu 86168
Ju-Hong Lee *see* Shiann-Jeng Yu 97674
Ju-Hyun Cho *see* Eun-Hyang Lee 118719
Ju-Seog Jang, Dong-Hak Shin Parallel optical-feature extraction by use of rotationally multiplexed holograms 116779
Ju-Tah Tung, Chi-Luen Wang, Kornreich, P. Composite waveguide on Nd-glass by ion-exchange 116431
Ju-Tah Tung *see* Kornreich, P. 85005
Ju-Tah Tung *see* Kornreich, P. 116025
Ju-Won Baek *see* Dong-Wook Yoo 102846
Ju-Won Baek *see* Jung-Goo Cho 71442
Juan, L. *see* Bangqi, M. 63850
Juan, W.H., Pang, S.W. Control of etch profile for fabrication of Si microsensors 84661
Juan Hsiao-Ping *see* Hsiao-Ping Juan
Juan Labio, W. *see* Cong, J. 63863
Juan Shih-Chou *see* Shih-Chou Juan
Juanatey, M. *see* Stefanelli, M.C. 101397
Juang, J.Y. *see* Hsieh, M.C. 64503
Juang, Y.-T. *see* Tung, S.-L. 97633
Juang Biing-Hwang *see* Biing-Hwang Juang
Juang Chia-Feng *see* Chia-Feng Juang
Juang Deng-Guey *see* Deng-Guey Juang
Juang Yau-Tarng *see* Yau-Tarng Juang
Juarez, H. *see* Peykov, P. 74481
Juarez-Perez, J.L., Olivares-Perez, A., Berriel-Valdos, L.R. Computer-generated Fresnel holograms 116743
Juarez-Perez, J.L. *see* Olivares-Perez, A. 116742
Jubber, M.G. *see* John, P. 74120
Jubber, M.G. *see* Morrison, N.A. 104117
Jubin, D. *see* Kopf, D. 96227
Jubin, J.C., Shaver, D.L. Wide-area differential GPS reference-station placement 68770
Jubran, B.A., Swiety, S.A., Hamdan, M.A. Convective heat transfer and pressure drop characteristics of various array configurations to simulate the cooling of electronic modules 82254
Juciene, V. *see* Pozela, J. 63799
Juciene, V. *see* Pozela, J. 115241
Juco, R.A.L., Tarroza, A.E.R., Jr., Valentus, V.P.C. Multi-purpose, multi-platform hardware modules for rapid development of DSP based system applications 93414
Judah, S.R. *see* Alhargan, F.A. 104798
Judaschke, R., Sckunemann, E. Design and optimization of millimeter-wave IMPATT oscillators 83407
Judaschke, R. *see* Klugmann, D. 90765
Juday, R.D., Vijaya Kumar, B.V.K. Balancing among filtering objectives in coupled SDFs 75664
Judd, D. *see* Moyne, J.R. 87755
Judd, D.L. *see* Friedman, A. 89692
Judd, M.D., Farish, O., Hampton, B.F. The excitation of UHF signals by partial discharges in GIS 71593
Jude, A. *see* Cazal, A. 109738
Judge, C.P. *see* Lee, M.J. 84398
Judice, J. *see* Vicente, L. 72513
Juditsky, A. *see* Delyon, B. 108234
Judkins, J. *see* Kroll, N.M. 100665
Judkins, J. *see* Neubauer, M. 100686
Judkins, J.B., Haggans, C.W., Ziolkowski, R.W. Two-dimensional finite-difference time-domain simulation for rewritable optical disk surface structure design 64637
Judkins, J.B., Pedrazzani, J.R., DiGiovanni, D.J., Vengsarkar, A.M. Temperature-insensitive long-period fiber gratings 85030
Judkins, R.R., Stinton, D.P., DeVan, J.H. A review of the efficacy of silicon carbide hot-gas filters in coal gasification and pressurized fluidized bed combustion environments 111807
Judkins, R.R., Stinton, D.P., Smith, R.G., Fischer, E.M., Eaton, J.H., Weaver, B.L., Kahnke, J.L., Pysher, D.J. Development of ceramic composite hot-gas filters 111806
Juds, M.A. *see* Brauer, J.R. 71610
Judy, J. *see* Xing Song 64430
Judy, J. *see* Xing Song 115776
Judy, J.H. *see* Egelhoff, W.F., Jr. 115863
Judy, J.H. *see* Gang Wang 75242
Judy, J.H. *see* Giljer, P. 64448
Judy, J.H. *see* Lin, C.L. 106580
Judy, J.H. *see* Reed, W. 115676
Judy, J.H. *see* Sin, K. 106521
Judy, J.H. *see* Wang, G. 115637
Judy, J.H. *see* Yang, C. 115775
Judy, J.W., Muller, R.S. Magnetic microactuation of torsional polysilicon structures 84646
Jue, J.P., Borella, M.S., Mukherjee, B. Performance analysis of the Rainbow WDM optical network prototype 77946
Jue Wang *see* Wang Jue
Jue Yan *see* Yan Jue
Juengst, K.P. Superconducting model coil for the stellarator W 7-X under test 102173
Juengst, K.P., Salbert, H. Fast SMES for generation of high power pulses 100403
Juergensen, H. *see* Schmitz, D. 104073
Juerss, M. *see* Wagner, B. 74956
Jugel, A. *see* Auer, E. 117983
Jugenheimer, A., Wenzel, L. Software-controlled nondestructive testing using the LabVIEW PC program package 61462
Juh Tzeng Lue *see* Li Yeat Chen 64544
Juha, L. *see* Kodymova, J. 116325
Juha, Y.-J. *see* Yu, X. 101057
Juhasz, L. *see* Frigyes, I. 85858
Juhel, M. *see* Devaux, F. 75586
Juhel, M. *see* Etrillard, J. 84136
Juhl, M., Mogensen, M., Jacobsen, T., Zachau-Christiansen, B., Thorup, N., Skou, E. Electrochemical characterization of cathode materials with pointed electrodes 81806
Juhlin, L. *see* Arrillaga, J. 70846
Juho Song, Ajmera, P.K., Lee, G.S. Effects of native oxide removal from silicon substrate and annealing on SiO_2 films deposited at 120°C by plasma enhanced chemical vapor deposition using disilane and nitrous oxide 63336
Juho Song, Ajmera, P.K., Lee, G.S. High quality fluorinated silicon oxide films prepared by plasma enhanced chemical vapor deposition at 120°C 104150
Juhola, M. *see* Koski, A. 101390
Juhola, T. *see* Niburg, M. 119218
Jui, C. *see* Szymanski, J.J. 110589
Jui Ding Tiong *see* Tiong Jui Ding
Jui-Ching Yang *see* Chao-Shu Liu 91804
Jui-Han Lu, Kin-Lu Wong Analysis of open-end discontinuities of inside cylindrical microstrip lines 85929
Jui-Han Lu, Kin-Lu Wong Analysis of slot-coupled double-sided cylindrical microstrip lines 97224
Jui-Hong Horng *see* Yeong-Jeu Sun 73007
Jui-Hsiang Chen *see* Ye-In Chang 77725
Jui-Hung Hsu *see* Pei-Kuen Wei 100079
Jui-Ming Chang, Pedram, M. Module assignment for low power 113880
Jui-Ming Yeh *see* Guang-Way Jang 116102
Jui-Rua Li *see* Nam Ling 86759
Jui-Yin Cheng *see* Lee, C.L. 109916
Jui-Yu Wu *see* Ono, K. 113615
Jui-Yuan Lin, Che-Ho Wei Baud rate timing recovery in class IV partial response magnetic recording channels 64464
Juihsi Cheng *see* Zhengrong Liang 80226
Juihsi Cheng *see* Zhengrong Liang 90386
Juillard, M. *see* Amiranoff, F. 89645
Juillard, M. *see* Chehab, R. 89714
Juillot, P. *see* Adam, W. 69709
Juillot, P. *see* Apeldoorn, G. 69713
Juillot, P. *see* Cossutti, F. 69730
Juillot, P. *see* Lundin, M. 69805
Juing-Yi Cheng *see* Hsiao-Yi Lin 115212
Juing-Yin Jin *see* Chung-Wei Ku 108986
Juite Wang A fuzzy outranking approach for design evaluation in conceptual design 103393
Juker, D. *see* McGill, S. 120432
Jukkala, P. *see* Peltonen, J.K. 99710
Jul-Han Lu, Kin-Lu Wong Studies of slot-coupled double-sided perpendicular microstrip lines 93686
Jul-Ki Seok, Jhoon-Sheok Kim, Jong-Woo Choi, Seung-Ki Sul Overmodulation strategy for high performance torque control 121970
Julesz, B. *see* Kashi, R.S. 86630
Julia, L., Faure, C. An interactive editor for hand-sketched tables 86612
Julia, S. On ω-generators and codes 117192
Julian, A., Divan, D.M., Lipo, T.A., Nozari, F., Mezs, P.A. Double bridge resonant DC link converter with variable input and output frequency 71421
Julian, A.L., Lipo, T.A., Oriti, G. Elimination of common mode voltage in three phase sinusoidal power converters 121734
Julian, A.L. *see* De Broe, A.M. 122007
Juliano, B.A., Sheel, S.J. A look at the evolving classroom: wireless data communication and mobile satellite communication 60478
Juliard, P. Product development: a totality concept 92151
Julie, J.J., Mancuso, Y., Renault, F., Colin, J.M. Microwave and digital circuit technologies 68677
Julien, C., Gorenstein, A. Research and development of lithium microbatteries using transition metal oxide films as cathodes 112222
Julien, F.H. *see* Aniel, F. 63761
Julien, F.H. *see* Boucaud, P. 94442
Julien, F.H. *see* Boucaud, P. 94512
Julien, F.H. *see* Boucaud, P. 105381
Julien, F.H. *see* Jin Wang 107253
Julien, F.H. *see* Jin Wang 116513
Julien, F.H. *see* Sylvestre, A. 84469
Julien, F.H. *see* Sylvestre, A. 84477
Julien, F.H. *see* Wang, J. 85533
Julien, N. *see* Le Berre, D. 65332
Julien, N. *see* Lowry, R.K. 92276
Julien, P.-A. *see* Raymond, L. 72154
Julienne, P.S. *see* Bryant, G.W. 105426
Julin, E.G. *see* Priebe, C.E. 108443
Julin, R. *see* Lhersonneau, G. 80145
Julio, U.de *see* de Julio, U.
Julius, H.W. Some remaining problems in the practical application of the ICRU concepts of operational quantities in individual monitoring 110967
Jullien, G.A., Q-Pi Li, Hajimowlana, S.H., Morvay, J., Conflitti, D., Roberts, J., Doody, B. In-camera video-stream processing for bandwidth reduction in web inspection 67340
Jullien, G.A. *see* Djahanshahi, H. 93646
Jullien, G.A. *see* Djahanshahi, H. 104752
Jullien, G.A. *see* Jaekel, A. 93339
Jullien, G.A. *see* Panneerselvam, G. 104428
Jullien, G.A. *see* Wang, Z. 97846
Jullien, G.A. *see* Zhongde Wang 77062
Jullien, P. *see* Mathey, P. 98081
Julong Deng *see* Deng Julong
Julsrud, T.E. Teleworking–the vision: an historical view of theories and trends 98531
Jumarhon, B. *see* Jones, S. 89177
Jumel, Y. *see* Bodet, J.M. 112215
Jumelet, M. *see* Feijs, L. 118106
Jumpertz, J.-L. *see* Colaitis, M.-J. 77509
Jun, C., Wei, H., Yiyuan, C. Comparison of an efficient numerical boundary condition with the MEI method 76391
Jun, J. *see* Gassmann, A. 103838
Jun, M.-C. *see* Choi, H.-S. 113453
Jun, Y.-N. *see* Ahn, C.H. 107822
Jun Bi *see* Bi Jun
Jun Byung-Eul *see* Byung-Eul Jun
Jun Cha Young *see* Young Jun Cha
Jun Chen *see* Bullitt, E. 90479
Jun Chen *see* Liangmin Zhang 107572
Jun Chen *see* Chen Jun
Jun Cheng *see* Kechu Yi 76886
Jun Cheng *see* Cheng Jun
Jun Chi-Hyuck *see* Chi-Hyuck Jun
Jun Chul Kim, Kyung Sup Kwak Performance evaluation for imperfectly power controlled DS/CDMA slotted cellular systems in Rician fading channel 88146
Jun Chung Myoung *see* Myoung Jun Chung
Jun Deng *see* Chun-Xia Du 99982
Jun Dong Cho An optimum pin redistribution for MultiChip modules 62527
Jun Du *see* Changxian Shi 119119
Jun Fan *see* Fan Jun
Jun Fu *see* Fu Jun
Jun Gong *see* Kechu Yi 76886
Jun Gong *see* Gong Jun
Jun Gu *see* Hamdi, M. 77747
Jun Ho Bang, Seong Ik Cho, Seong Ryong Lee, Oh Shin Kwon, Hong Kyu Shin Realization of 3.3 V active low-pass filter using improved continuous-time current-mode CMOS integrator 93568
Jun Ho Oh *see* Woo Seong Che 88971
Jun Hong *see* Hong Jun
Jun Hong-Shin *see* Hong-Shin Jun
Jun Hu, Dawson, D.M., Yi Qian Position tracking control for robot manipulators driven by induction motors without flux measurements 81928
Jun Hu *see* Bo Ye 82828
Jun Hu *see* Bo Ye 83056
Jun Hua Cao *see* Cao Jun Hua
Jun Huang, Tao Zhu, Hayes, J.F. An efficient computational method for solving nonlinear matrix equation and its application in queuing analysis 72628
Jun Huang *see* Tao Zhu 117949
Jun Hwan Oh, Dae Hyoung Hong High quality reassignment (HQR) scheme for indoor microcell PCS systems 88145
Jun Jong-Arm *see* Jong-Arm Jun
Jun Jongarm *see* Jongarm Jun
Jun Ju Kim *see* Do-Heyoung Kim 113492
Jun Kang Seong *see* Seong Jun Kang
Jun Kim *see* Donnelly, K. 74851
Jun Kim Hee *see* Hee Jun Kim
Jun Kim Ki *see* Ki Jun Kim
Jun Kyun Choi *see* Jung Hoon Paik 118668
Jun Kyung Pyo *see* Kyung Pyo Jun
Jun Lan, Jeffers, R.K., Boucher, S.G. Optimum unequally spaced arrays and their amplitude shading 111378
Jun Lee Ho *see* Ho Jun Lee
Jun Li, Cheng, H.C., Kawas, M.J., Lambeth, D.N., Schlesinger, T.E., Stancil, D.D. Electro-optic wafer beam deflector in $LiTaO_3$ 95825
Jun Li, Chengzao Lu TMN and object-oriented technology 118250
Jun Li, Chengzhao Lu CPCT performance analysis 119083
Jun Li, Qing-Ming Chen, Wang Zhang, Zai-Guang Li, Pan, J.J. The influence of the magnetic field on ion impact on the cathode of a sputtering magnetron discharge 73976
Jun Li, Yuechun Zhang, Jiasheng Hu Object recognition with a wavelet-transform-based joint transform correlator 67387
Jun Li *see* Kaplinsky, M.B. 69550
Jun Li *see* Olsen, L.C. 112400
Jun Li *see* Li Jun
Jun Lin *see* Lin Jun
Jun Liu, Vohra, Y.K. Photoluminescence and X-ray-diffraction studies on Sm-doped yttrium aluminum garnet to ultrahigh pressures of 338 GPa 79286
Jun Liu *see* Liu Jun
Jun Ma *see* Amadi-Echendu, J.E. 110860
Jun Moon seog *see* Moon seog Jun
Jun Oh Hyuk *see* Hyuk Jun Oh
Jun Park Hyeong *see* Hyeong Jun Park
Jun Park Sung *see* Sung Jun Park
Jun Ren *see* Ren Jun
Jun Rim Choi, Seong Wook Jeong, Lak Hyun Jang, Jin Ho Choi Structured design of a 288-tap FIR filter by optimized partial product tree compression 104712
Jun Sang Yup *see* Sang Yup Jun
Jun Shen, Paillou, P. Trinocular stereovision by generalized Hough transform 117599
Jun Shi *see* Shi Jun
Jun Su *see* Su Jun

Jun Sun *see* Tao Xia 97997
Jun Sung Won *see* Sung Won Jun
Jun Sung-Ik *see* Sung-Ik Jun
Jun Tang *see* HuaiJian Ma 100356
Jun Teng, Lei-min Li, Obaidat, M.S. 155.52 Mbits/s parallel frame synchronous scheme for SDH networks 108765
Jun Tian, Wells, R.O., Jr. A lossy image codec based on index coding 86764
Jun Wan *see* Wan Jun
Jun Wang *see* Huang, H.K. 111013
Jun Wang *see* Javidi, B. 117751
Jun Wang *see* Wang Jun
Jun Wu *see* Wu Jun
Jun Xiang A novel two site frequency reuse plan 109480
Jun Xie *see* Korst-Fagundes, B. 97692
Jun Xu, Kunji Chen, Duan Feng, Miyazaki, S., Hirose, M. Effect of hydrogen plasma for obtaining high quality a-SiGe:H alloys 72910
Jun Xu, Kunji Chen, Duan Feng, Miyazaki, S., Hirose, M. Preparation of hydrogenated amorphous germanium nitrogen alloys by plasma enhanced chemical vapor deposition 113473
Jun Xu, Miyazaki, S., Hirose, M. Nitrogen incorporation in a-Ge:H produced in high-hydrogen-dilution plasma 63244
Jun Xu, Miyazaki, S., Hirose, M., Kunji Chen, Duan Feng High-quality a-SiGe:H produced by nanometer deposition and hydrogen plasma annealing 82750
Jun Xu, Shiba, K., Miyazaki, S., Hirose, M., Kunji Chen, Duan Feng Device-grade a-SiGe:H alloys prepared by nanometer deposition/H_2 plasma annealing method 92839
Jun Xu *see* Kaushal, S. 92836
Jun Xu *see* Kunji Chen 94532
Jun Yang, Dili Zhang, Ohnishi, N., Sugie, N. Uniqueness of polyhedral shape recovery from a shading image 67443
Jun Yang, Mao, O., Altounian, Z. Structure and magnetic properties of mechanically alloyed $SmCo_7$ compound 115508
Jun Yang, Ohnishi, N., Sugie, N. Interreflections solve the ambiguity in shape recovery of a concave polyhedron from a single image 87074
Jun Yang, Qu Mao, Altounian, Z. Structure and magnetic properties of mechanically alloyed $Nd(Fe,V)_{12}N_x$ compounds 64317
Jun Yang *see* Xiaobo Li 97922
Jun Yang *see* Yang Jun
Jun Yao *see* Yao Jun
Jun Ye, Long-Sheng Ma, Hall, J.L. Sub-Doppler optical frequency reference at 1.064 μm by means of ultrasensitive cavity-enhanced frequency modulation spectroscopy of a C_2HD overtone transition 96176
Jun Ye *see* Qing-Yu Fan 90563
Jun Ye *see* Ye Jun
Jun Yin, Matsuda, J.-I., Nomizu, S. Three-dimensional reconstruction of magnetic stray fields using reflection electron beam tomography 64459
Jun Yong Il *see* Yong Il Jun
Jun Young Bae *see* Young Bae Jun
Jun Yuan, Lilin Liu, Zhanqiu Dong Performance analysis of a connection management scheme in IWU interconnecting LANs across ATM networks 108952
Jun Yuan, Zhanqiu Dong A new approach to modeling of ATM networks 108757
Jun Yuan *see* Huang, T. 118451
Jun Yuan *see* Lilin Liu 109040
Jun Zhang The application of the Gibbs-Bogoliubov-Feynman inequality in mean field calculations for Markov random fields 77408
Jun Zhang *see* Zhang Jun
Jun Zhao *see* Zhao Jun
Jun Zheng *see* Zheng Jun
Jun Zhi, Tonggzeng Zhuang, Shuhong Zhang Characterization and application of SOG in interlevel planarization 84233
Jun Zhou *see* Zhou Jun
Jun Zhu, Lubkeman, D.L. Object-oriented development of software systems for power system simulations 120988
Jun Zhuang *see* Zhuang Jun
Jun Zou *see* Hoffmann, K.-H. 61117
Jun-Dar Hwang *see* Kuen-Hsien Wu 92703
Jun-Fa Mao, Wing, O., Fung-Yuel Chang Transmission line synthesis by the method of characteristics 76508
Jun-Hee Hong, Joon-Young Choi, Ryung-Rae Cho, Jong-Keun Park A time-domain approach to transmission network equivalents for electromagnetic transient analysis: equivalent driving-point admittance model 102043
Jun-Hee Hong *see* Kyung-Rae Cho 81182
Jun-Ho Lee *see* Jang-Woo Son 77624
Jun-Ho Oh *see* Jae-Woong Yi 77375
Jun-Hoi Lee *see* Sang-Hoon Lee 89753
Jun-Hua Liu *see* Chang-Chun Zhu 74009
Jun-Hua Liu *see* Hai-Xiao Wang 79330
Jun-Hui Tsai *see* Wen-Chau Liu 105491
Jun-Ichi Aoe *see* Kirschning, I. 108190
Jun-Ichi Kato *see* Furutani, R. 99837
Jun-Ichi Kita *see* Kobayashi, J. 95833
Jun-Jie Shi *see* Zhi-Jie Wang 114704
Jun-ku Xu *see* Xu Jun-ku
Jun-min Liu *see* Liu Jun-min
Jun-Qi Zhu, Takakubo, H., Shono, K. Observation and analysis of chaos with digitalizing measure in a CMOS mapping system 74831
Jun-Seok Lim, Koeng-Mo Sung Ultrasonic nondestructive evaluation method for sub-wavelength coatings using matched field processing 61464
Jun-Seok Park, Jae-Bong Lim, Eun-Hwa Kho, Hong-Goo Cho, Jae-Hyun Lee A novel CAD algorithm for corrugated harmonic rejection filters based on the synthesis procedures combined with the cutoff frequency correction method 114218
Jun-Wei Hsieh, Hong-Yuan Mark Liao, Kuo-Chin Fan, Ming-Tat Ko, Yi-Ping Hung Image registration using a new edge-based approach 87052
Jun-Wu Liang *see* Liang Jun-Wu
Jun-Xian Zhang, Zhao-Hua Cheng, Bao-Gen Shen High coercivity of melt-spun $Sm_2Fe_{15}Al_2C_{1.5}$ compound 64320
Jun-Xian Zhang *see* Zhao-Hua Cheng 75086
Jun-Yong Lee, Shragowitz, E. Application of fuzzy logic for technology mapping of field programmable gate arrays (FPGAs) 104456
Jun-Yong Lee *see* Shragowitz, E. 104277
Junak, J. *see* Grzesik, B. 121721
Junbiao Peng, Byung-Yong Yu, Chong-Hong Pyun, Chang-Hong Kim, Jung-Il Jin Blue electroluminescence mechanism of polyester derivative blend films 106986
Junbiao Zhu, Zhijiang Wang, Jiejia Zhuang Study of field-induced explosive electron emission mechanisms of pseudospark superemission cathodes 114502
Junbiao Zhu *see* Zhu Junbiao
Juncar, P. *see* Liu, Z.D. 116614
Juncar, P. *see* Loe Mie, R. 96272
Junchat, A. *see* Alvarez, F. 70600
Junchul Chun MRF-GRF classification for volumetric magnetic resonance images 80352
Junck, K., Marriner, J., McGinnis, D. A study of the longitudinal coupled bunch instability in the Fermilab Main Ring 89862
Junck, K. *see* Assadi, S. 89863
Jundt, D.H. Processing and applications of electric field periodic poled $LiNbO_3$ 106746
June Chul Roh *see* Dong In Kim 118786
June Chung Dong *see* Dong June Chung
June Ho Yi, Bhanu, B., Ming Li Target indexing in SAR images using scattering centers and the Hausdorff distance 117738
June Hyun Kim *see* Sung Kyo Park 85992
June Park Young *see* Young June Park
June-Koo Rhee, Sosnowski, T.S., An-Chun Tien, Norris, T.B. Real-time dispersion analyzer of femtosecond laser pulses with use of a spectrally and temporally resolved upconversion technique 96597
Juneban, Y. *see* Jingfu, B. 73679
Juneja, B., Anand, S.S. Location services using cellular digital packet data 99274
Junemann, K. Satellite navigation technology. Perspectives and requirements from an airlines point of view 99696
Junewen Chen, Peir-Jyh Wang, Hon-Fai Yau, Sie-Poon Chang Energy extraction of Porro resonator in Pockels cell Q-switch operation 116115
Junewen Chen *see* Hon-Fai Yau 96662
Junfa Mao *see* Mao Junfa
Junfan, Z. *see* Jingfu, B 73679
Junfang Chen *see* Chen Junfang
Junfeng Wu, Bingen Yang Controllability and observability of vibration control systems with viscoelastic damping layers 104191
Junfu Ma *see* Ma Junfu
Jung, A. *see* Walsh, S. 72190
Jung, C. *see* Schmid, W. 107309
Jung, D.-M., Krishnamoorthy, M.S., Nagy, G., Shapira, A. N-tuple features for OCR revisited 97885
Jung, D.Y. *see* Choi, S.K. 105660
Jung, G. *see* Rickert, J. 79569
Jung, G.H., Cho, G.C., Hong, S.W., Cho, G.H. DSP based control of high power static VAr compensator using novel vector product phase locked loop 121004
Jung, H., Mishra, S., Tonguz, O.K. Efficient location management in PCS 88332
Jung, H., Tonguz, O.K. Coax/fiber hybrid access network for microcellular personal communication systems 99302
Jung, H. *see* Berroth, M. 80846
Jung, H. *see* Hertel, G. 91863
Jung, H.-J. *see* Rusby, R.L. 119527
Jung, H.D. *see* Ivanov, S.V. 74152
Jung, H.J. *see* Koh, S.K. 94828
Jung, H.J. *see* Yoon, Y.S. 95636
Jung, H.K. *see* Hyoung Joong Kim 61123
Jung, H.K. *see* Kyung Choi 65956
Jung, H.S. *see* Han, S.T. 114233
Jung, H.S. *see* Han, S.T. 119347
Jung, H.Y., Kim, D.Y., Un, C.K. Frame decorrelation for noise-robust speech recognition 76872
Jung, I.D., Fluck, R., Zhang, G., Kartner, F.X., Keller, U. Broadband saturable absorber for 10-fs pulse generation 116708
Jung, I.D. *see* Fluck, R. 65154
Jung, J. *see* Yamamoto, H. 65488
Jung, J. *see* Yamamoto, H. 85048
Jung, J.Y. *see* Kim, M.H. 108508
Jung, K. Network management made easy 108941
Jung, K.-H., Lee, C.-W. Projection-based error resilience techniques for digital HDTV 68894
Jung, M. *see* Kim, T.W. 105373
Jung, M. *see* Mayerhofer, W. 107111
Jung, P., Alexander, P.D. A unified approach to multiuser detectors for CDMA and their geometrical interpretations 119018
Jung, P. *see* Alexander, P.D. 88391
Jung, R. *see* Camas, J. 100597
Jung, S.-Y. *see* Choi, S.-J. 105785
Jung, S.K. *see* Choi, S.K. 105660
Jung, T., Mueller, G. Effective segregation coefficients: a comparison of axial solute distributions predicted by analytical boundary layer models and numerical calculations 113279
Jung, T. *see* Shaw, J.L. 73947
Jung, T. *see* Zweidinger, D.T. 63905
Jung, T.G. *see* Chang, T.C. 61190
Jung, T.M. *see* Shaw, J.L. 83708
Jung, W. *see* Kim, T.W. 105382
Jung, W. *see* Misiuk, A. 114585
Jung, Y.c., Liu, H.L., Cho, G.C., Cho, G.H. Soft switching space vector PWM inverter using a new quasi-parallel resonant DC link 71494
Jung, Y.C. *see* Wado, H. 72849
Jung Baek Ho *see* Baek Ho Jung
Jung Chan Ouk *see* Chan Ouk Jung
Jung Chi-Sup *see* Chi-Sup Jung
Jung Choi Sun *see* Sun Jung Choi
Jung Chung Moon *see* Moon Jung Chung
Jung Coo-Young *see* Coo-Young Jung
Jung Donggeun *see* Donggeun Jung
Jung Gihyun *see* Gihyun Jung
Jung H. Kim *see* Dong-Soo Han 67561
Jung Han, Gunshor, R.L., Nurmikko, A.V. The state of blue/green laser diodes 107239
Jung Hanwook *see* Hanwook Jung
Jung Hee Lee *see* Jae Sung Lee 84239
Jung Ho Je *see* Yang, W.S. 105607
Jung Ho Park *see* Chang Gi Ko 114513
Jung Hoe Koo *see* Suh, K.S. 64106
Jung Hong Chae *see* Hong Chae Jung
Jung Hong Sik *see* Hong Sik Jung
Jung Hoon Paik, Jun Kyun Choi Design of gigabit inter-module communication functions in a broadband centralized access node system 118668
Jung Hwa Lee *see* Jei-Hwan Yoo 73371
Jung Hwang Chi *see* Chi Jung Hwang
Jung Hyun Kyo *see* Hyun Kyo Jung
Jung Hyun Meen *see* Hyun Meen Jung
Jung Hyun Soo *see* Hyun Soo Jung
Jung Hyun-Kyo *see* Hyun-Kyo Jung
Jung Hyung Jin *see* Hyung Jin Jung
Jung Hyung-Jin *see* Hyung-Jin Jung
Jung Hyunkyo *see* Hyunkyo Jung
Jung Ilgyu *see* Ilgyu Jung
Jung In-Soung *see* In-Soung Jung
Jung Jae Hoon *see* Jae Hoon Jung
Jung Jae-Il *see* Jae-Il Jung
Jung Jae-Kyung *see* Jae-Kyung Jung
Jung Jinkun *see* Jinkun Jung
Jung Joo Kuan *see* Kuan Jung Joo
Jung Jung Won *see* Won Jung Jung
Jung Ki Park *see* Suh, K.S. 64106
Jung Kim Jae *see* Jae Jung Kim
Jung Kim Young *see* Young Jung Kim
Jung Kwang Wook *see* Kwang Wook Jung
Jung Kyeong Taek *see* Kyeong Taek Jung
Jung Kyeong-Hoon *see* Kyeong-Hoon Jung
Jung Le-Tien *see* Le-Tien Jung
Jung Mie-Won *see* Mie-Won Jung
Jung Min Youn *see* Han Gyoon Kim 98238
Jung Minsoo *see* Minsoo Jung
Jung Myunghee *see* Myunghee Jung
Jung Paik Ho *see* Ho Jung Paik
Jung Sang-Don *see* Sang-Don Jung
Jung Sang-Jin *see* Sang-Jin Jung
Jung Shang Chang, Lilian Kao Liu, Chong Mon Wang Hydrogen sensing with NaY zeolite-entrapped copper dicyanoanthraquinone diimines 110262
Jung Shih-Liang *see* Shih-Liang Jung
Jung Soh *see* Byung Tae Chun 108668
Jung Soon Won *see* Soon Won Jung
Jung Sung-Hwan *see* Sung-Hwan Jung
Jung Tae-Gyoung *see* Tae-Gyoung Jung
Jung Tae-Sung *see* Tae-Sung Jung
Jung Taewon *see* Taewon Jung
Jung Tz-Guei *see* Tz-Guei Jung
Jung Wang, Zhenya He Criteria and algorithms for blind source separation based on cumulants 86170
Jung Won Jung *see* Won Jung Jung
Jung Woo Park, Deok-Woo Kim, Wook Hyun Kwon Analysis of the IEEE 802.4 token passing bus network with finite buffers and single priority 87782
Jung Woo Sang *see* Woo Sang Jung
Jung Woong Ra *see* Jin Seob Kang 79672
Jung Woong Ra *see* Jin Seob Kang 79673
Jung Woong Ra *see* Seon Kyu Park 69478
Jung Yao *see* Yao Jung
Jung Yong-Bae *see* Yong-Bae Jung
Jung Yong-Chae *see* Yong-Chae Jung
Jung Yoo Chan *see* Yoo Chan Jung
Jung Young-Chul *see* Young-Chul Jung
Jung Young-Gook *see* Young-Gook Jung
Jung-A Huang *see* Chun-Yi Chai 63113
Jung-A Huang *see* Chun-Yi Chai 63114
Jung-Bae Park *see* Sang-Lak Lee 99790
Jung-Bong Suk *see* Yong-Woon Kim 78072

Jung-Bum Kim *see* Hyoung-Gin Nam 88117
Jung-Chi Chiang, Li, S.S., Tidrow, M.Z., Ho, P., Tsai, M., Lee, C.P. A voltage-tunable multicolor triple-coupled InGaAs/GaAs/AlGaAs quantum-well infrared photodetector for 8-12 μm detection 119681
Jung-Chien Li Transient analysis of three-phase transmission lines with initial voltage and current distributions 70905
Jung-Chien Li Closed-form solutions for the steady-state analysis of the lossy parallel resonant converter 82932
Jung-Chien Li Analytical model of the cross-magnetizing effect in saturated synchronous machines 111908
Jung-Chien Li, Guan-Chyun Hsieh Input filter analysis of a flyback power factor correction circuit operated in the discontinuous conduction mode 80856
Jung-Chih Chiao *see* Jongsuck Bae 114198
Jung-Chih Chiao *see* Rutledge, D. 83337
Jung-Fu Cheng, Dolinar, S., Effros, M., McEliece, R. Data expansion with Huffman codes 66411
Jung-Goo Cho, Ju-Won Baek, Geun-Hie Rim, Iouri Kang Novel zero voltage transition PWM multiphase converters 71442
Jung-Goo Cho, Sabate, J.A., Guichao Hua, Lee, F.C. Zero-voltage and zero-current-switching full bridge PWM converter for high-power applications 81576
Jung-Goo Cho *see* Dong-Wook Yoo 102846
Jung-Goo Cho *see* Geun-Hie Rim 71473
Jung-Heon Joo *see* He-Jun Lee 84132
Jung-Heum Park *see* Hyeong-Seok Lim 103617
Jung-Ho Park *see* Heung-Woo Park 114512
Jung-Ho Park *see* Tae Geun Kim 94520
Jung-Ho Park *see* Tae-Geun Kim 105314
Jung-Hoo Park *see* Ik-Soo Kim 81650
Jung-Hoon Kim *see* Hyeon-Soo Kim 84137
Jung-Hoon Lee *see* Gun-Woo Moon 81545
Jung-Hoon Park *see* Tae-Sung Jung 73344
Jung-Hua Chou *see* Jing Lee 82931
Jung-Hua Wang, Chih-Ping Hsiao Stereo matching by neural network that uses Sobel feature data 108621
Jung-Hui Cheng, Witulski, A.F. Simple design of selected 3-element converters by scaling the solution of the LC parallel resonant converter 71428
Jung-Hui Cheng, Witulski, A.F. Analytic solutions for LLCC parallel resonant converter unify the design and analysis of two- and three-element converters 121595
Jung-Hui Tasi *see* Wen-Shiung Lour 84460
Jung-Hui Tsai, Shiou-Ying Cheng, Lih-Wen Laih, Wen-Chau Liu AlGaAs/InGaAs/GaAs heterostructure-emitter and heterostructure-base transistor (HEHBT) 105890
Jung-Hui Tsai *see* Kong-Beng Thei 84308
Jung-Hui Tsai *see* Lih-Wen Laih 84360
Jung-Hui Tsai *see* Lih-Wen Laih 115234
Jung-Hui Tsai *see* Wen-Shiung Lour 63796
Jung-Hun Kim *see* He-Jun Lee 84132
Jung-Hun Kim *see* Hyun-Ho Doh 84139
Jung-Hun Kim *see* Hyun-Ho Doh 114930
Jung-Hun Oh *see* Se-Chul Chu 99691
Jung-Hyun Hwang, Hweihn Chung, Sung-Ii Su, Yong-Chul Park, Chul-Ho Lee High resolution digital zoom using temporal IIR filter 108477
Jung-Hyun Seo *see* Seok-Hee Hwang 83794
Jung-Hyung Kim, Sang-Hun Seo, Seek-Min Yun, Hong-Young Chang, Kwong-Man Lee, Chi-Kyu Choi A study on low dielectric material deposition using a helicon plasma source 113493
Jung-Il Jin *see* Junbiao Peng 106986
Jung-Joong Lee *see* Sang-Hyeo Lee 92834
Jung-Ki Hong, Young-Guk Kim, Hai-Young Lee Wideband propagation characteristics analysis of a microstrip transmission line on FR-4 composite substrate 83295
Jung-Liang Yen *see* Sih-Li Chen 82009
Jung-Lin Pan, Djuric, P.M., Rappaport, S.S. A simulation model of combined handoff initiation and channel availability in cellular communications 118969
Jung-Lock Kwon *see* Jang-Mok Kim 121972
Jung-Nyun Kim, Young-Sik Baek Load flow analysis and sparsity study using object-oriented programming technique 80794
Jung-Pyo Hong *see* Dal-Ho Im 102756
Jung-Pyo Hong *see* Dal-Ho Im 102760
Jung-Pyo Hong *see* Dal-Ho Im 102761
Jung-Rae Park *see* Tae-Hong Kim 61442
Jung-Shik Yu *see* Taek-Beom Koh 74565
Jung-Shyr Wu, Fang-Jang Kuo Architecture of multi-connection shaper and enforcer based on time-differential generic cell rate algorithm (GCRA) 77636
Jung-Shyr Wu, Jen-Kung Chung, Chang-Chung Wen Performance study of traffic balancing via antenna-tilting in CDMA cellular systems 109545
Jung-Shyr Wu, Shyh-Wen Sue Effects of dual leaky bucket parameters on cell loss ratio: worst case analysis 87331
Jung-Shyr Wu, Yuan-Tzone Hsieh Improving access delay fairness of DQDB MANs under overload condition 109045
Jung-Shyr Wu, Zse-Ting Huang An effective rate-based virtual clock scheduling discipline in high-speed networks 87300
Jung-Sok Cho *see* Jin-Se Lee 107676
Jung-Soo An *see* Jong-Young Park 99307
Jung-Soo Cho *see* Ik-Soo Kim 81650
Jung-Suck Lee *see* Hoon-Soo Park 82937
Jung-Suk Goo, Young-Gwan Kim, Hyeokjae l'Yee, Ho-Yup Kwon, Hyungsoon Shin An analytical hot-carrier degradation model for LDD MOSFETs 63672
Jung-Suk Goo *see* Hyunsang Hwang 63701
Jung-Won Park, Bong-Jin Yum Optimal design of accelerated life tests with two stresses 92177
Jung-Won Suh, Kwang-Myoung Rho, Chan-Kwang Park, Yo-Hwan Koh Offset-trimming bit-line sensing scheme for gigabit-scale DRAM's 73385
Jung-Woong Ra *see* Jin-Seob Kang 65828
Jung-Woong Ra *see* Taek-Kyung Lee 97064
Jung-Young Son, Shestak, S.A., Seong-Keun Lee, Hyung-Wook Jeon Pulsed laser holographic video 96747
Jung-Young Son *see* Bub-Joo Kang 118959
Jung-Young Son *see* Mikhailov, V.N. 96825
Jung-Yu Tsai *see* Kow-Ming Chang 72880
Jungbauer, J., Muhlensiepen, R. Digital equipment and systems for the monitoring of network quality 70817
Jungchan Na, Kyeongbeom Kim, Dukjoo Son, Myungjoon Kim A prototype implementation of performance management in HANURI/M 98579
Junge, G., Huber, W., Ayland, N., Morello, E. The QUARTET/STORM emergency call system for automatic data transmission in case of accidents 99421
Junge, K.E. *see* Lange, R. 114672
Jungel, A. A degenerate quasi-hydrodynamic model for semiconductor devices 115125
Jungemann, C., Keith, S., Bufler, F.M., Meinerzhagen, B. Effects of band structure and phonon models on hot electron transport in silicon 62687
Jungemann, C., Yamaguchi, S., Goto, H. On the accuracy and efficiency of substrate current calculations for sub-μm n-MOSFET's 106035
Jungemann, Chr., Thoma, R., Engl, W.L. A soft threshold lucky electron model for efficient and accurate numerical device simulation 74663
Junger, M., Mutzel, P. Maximum planar subgraphs and nice embeddings: practical layout tools 92453
Junger, M. *see* Klyscz, T. 80174
Junger, M. *see* Klyscz, Th. 69967
Junghans, A. *see* Schmidt, K.H. 69627
Jungho Kim *see* Hyunchul Shin 109929
Jungk, G. *see* Ramsteiner, M. 62994
Jungkyu Joo *see* Hernsoo Hahn 87260
Jungling, K.C. *see* Kim, J.D. 63536
Jungmann, K. *see* Schmidt, P.V. 90179
Jungner, P. *see* Dube, P. 107594
Jungnickel, D., De Resmini, M.J., Vanstone, S.A. Codes based on complete graphs 76718
Jungnickel, D., Pickert, G. A life's work in geometry: an homage to Hanfried Lenz 72410
Jungnickel, V., Henneberger, F., Puls, J. Electron-phonon interaction in semiconductor quantum dots 62882
Jungsik Lee, Beach, C.D., Tepedelenlioglu, N. Channel equalization using radial basis function network 108102
Jungtae Lee *see* Kyohong Jin 78114
Jungwirth, T., Macdonald, A.H. Correlations, compressibility, and capacitance in double-quantum-well systems in the quantum Hall regime 63066
Jungwook Yang, Hae-Seung Lee A CMOS 12-bit 4 MHz pipelined A/D converter with commutative feedback capacitor 114031
Jungyol Jo Transport properties in superlattices 63058
Junho Shin *see* Jaehong Shim 60531
Junhong Deng *see* Deng Junhong
Junhua Gao *see* Gao Junhua
Junhua Gu *see* Gu Junhua
Junhua Jiang *see* Jiachang Liang 62750
Junhua Zhao *see* Zhao Junhua
Junior, A.V.P. *see* Caldas, R.P. 102292
Junior, A.V.P. *see* Caldas, R.P. 111686
Junior, I.deS.Q., de Souza, E.A.M., Fernandes, H.C.C. Unilateral finlines with semiconductor substrate and metallization thickness 62153
Junior, J.B.Vieira *see* Vieira Junior, J.B.
Junior, J.E.R.A. *see* Caldas, R.P. 102292
Junior, J.E.R.A. *see* Caldas, R.P. 111686
Junior, J.F.C. *see* Simpson, D.M. 101368
Junji Tani *see* Cheng, G.G. 115460
Junjie Gong *see* Gong Junjie
Junker, G.P., Glisson, A.W., Kishk, A.A. A modified extended delta source model 76556
Junker, G.P., Glisson, A.W., Kishk, A.A. Accurate impedance model for antiresonant monopoles on finite ground planes 108021
Junker, G.P., Kishk, A.A., Glisson, A.W. Input impedance of aperture-coupled dielectric resonator antennas 66048
Junker, T. Modern charge regulators for current types of batteries 102955
Junkin, B. *see* Loez, A.M., Jr. 90844
Junkin, G. *see* Anderson, A.P. 66015
Junkui Wang *see* Wang Junkui
Junli Zheng *see* Zheng Junli
Junliagn Chen *see* Wei Tie 118548
Junliang Chen *see* Shanzhi Chen 118271
Junliang Chen *see* Yuzhang Liu 118555
Junliang Chen *see* Chen Junliang
Junmin Liu, Changjun Liao, Songhao Liu, Wencheng Xu The dynamics of direction-dependent switching in nonlinear chirped gratings 107602
Junmin Wang *see* Kuanshou Zhang 85439
Junming Xu *see* Qiao Li 92454
Junming Zhou *see* Xinhui Zhang 94511
Junming Zhou *see* Zhenghao Chen 105533
Junnarkar, M.R., Yamaguchi, E. Anti-Stokes photoluminescence from Si modulation doped $Al_yGa_{1-y}As/Al_xGa_{1-x}As$ QW and Si double delta doped $Al_xGa_{1-x}As$ 63073
Junno, B., Jeppesen, S., Miller, M.S., Samuelson, L. A comparison of RHEED reconstruction phases on (100) InAs, GaAs and InP 103868
Junno, B. *see* Miller, M.S. 61291
Junno, B. *see* Zorn, M. 105147
Junno, T. *see* Seifert, W. 105375
Juno Kim, Hong-Bae Lee, Hyun Kyo Jung, Song-Yop Hahn, Changyul Cheon, Hyeongseok Kim Optimal design technique for waveguide device 65961
Junod, A. *see* Roulin, M. 75325
Junod, A. *see* Triscone, G. 106659
Junpeng Guo *see* Brady, D.J. 96843
Junqi Li *see* Li Junqi
Junqing Fan *see* Fan Junqing
Junqueira, C. *see* Franz, M. 97335
Junquera, T., Caruette, A., Fouaidy, M., Shu, Q.S. Surface scanning thermometers for diagnosing the TESLA SRF cavities 100373
Junquera, T., Maissa, S., Fouaidy, M., Le Goff, A., Bonin, B., Luong, M., Safa, H., Tan, J. Study of luminous spots observed on metallic surfaces subjected to high RF fields 100495
Junquera, T. *see* Chehab, R. 89714
Junquera, T. *see* Maissa, S. 73971
Junquera, T. *see* Shu, Q.S. 100497
Junsheng Shi *see* Yicai Sun 69433
Junshou Song *see* Song Junshou
Juntti, M.J. Linear multiuser detector update in synchronous dynamic CDMA systems 87387
Juntti, M.J., Aazhang, B. Linear finite memory-length multiuser detectors 86219
Juntunen, J.O. *see* Sihvola, A.H. 76371
Junwu Liang *see* Maosheng Hao 103831
Junwu Liang *see* Liang Junwu
Junxian Zhang *see* Zhang Junxian
Junxiao Lu *see* Lu Junxiao
Junxiong Tang *see* Tang Junxiong
Junyi Meng *see* Meng Junyi
Junying Gan *see* Gan Junying
Junying Wang *see* Wang Junying
Junyong Liu *see* Liu Junyong
Junyou Yang *see* Yang Junyou
Junzhong Cao *see* Yangxian Li 83820
Junzhong Cao *see* Yangxian Li 83821
Junzhou Zhang *see* Zhang Junzhou
Juodawlkis, P.W., Hughes, J.L.A., Verber, C.M., Grimble, K. Time alignment of optical cells with arbitrary message payloads 78698
Juodkazis, S. *see* Netiksis, V. 65534
Jupina, M. *see* Silverman, L. 62333
Jupina, M.A., Slattery, R.F. High frequency characterization of low-loss and ceramic materials 72988
Juping Yang, Ozawa, S. Three-dimensional road recognition from single two-dimensional image 77426
Juping Yang, Sumei Guo, Hasegawa, T., Ozawa, S. Roadway matching technique from perspective image 86876
Jupner, H.-J. *see* Werncke, W. 85590
Jupp, I.D. *see* Rossi, E. 101013
Jupp, S. After flexible manufacturing in the factory...flexible working for office staff 103368
Juptner, W.P.O. *see* Schnars, U. 76281
Jurang Yan *see* Xiaoliang Zhou 72675
Juras, R.C. *see* Dowling, D.T. 100713
Juras, R.C. *see* Meigs, M.J. 79781
Juras, R.C. *see* Meigs, M.J. 79886
Juras, R.C. *see* Tatum, B.A. 89927
Juras, S. *see* Tuckmantel, J. 100498
Jurasek, G., Levin, G., Sisson, P., Repplinger, S. High efficiency automotive power supply with hysteretic current mode controller 71858
Jurberg, D.C., Jianai Zhao, McDevitt, J.T. Antenna-coupled high-T_c bolometers for visible and near-infrared detection using organic dyes as light-harvesting layers 99975
Jurca, Z., Kovacevic, V., Torda, I. An approach to testing of real time software and control of switching system performance 99004
Jurcic, I., Kovacevic, T. A contribution to the design of undersea lightwave transmission system 88475
Jurcic, I. *see* Kovacevic, T. 78121
Jurczak, M., Jakubowski, A., Lukasiak, L. The comparison of SOI transistor models 106005
Jurczynski, S.Z. *see* Daugert, R.D. 104797
Jurdyc, A.M. *see* Brenier, A. 75868
Jurecska, A. *see* Balarin, F. 87472
Jurecska, A. *see* Cardelli, S. 73055
Jurejevcic, T. *see* Fajdiga, M. 72354
Juren Ding, Jian-Gang Zhu Magnetization reversal processes of NiFe elements exchange coupled by NiO antiferromagnetic films 75096
Jurg, A., Stoffels, J.G.C., Van Druten, B.J.M. Electrically active metallographic cross-sections 95148

Jurgen, S., Thomas, K. The idea: Integrating authoring concepts for mobile agents into an authoring tool for active multimedia mail 118575
Jurgens, J. *see* Altermatt, P.P. 121878
Jurgens, R. *see* Diekmann, V. 70001
Jurgens, R.F. *see* Cho, J.Y.N. 111226
Jurgens, T.G. *see* Saewert, G.W. 89948
Jurgensen, H. *see* Beccard, R. 103892
Jurgensen, H. *see* Brzozowski, J.A. 83126
Jurgensen, H. *see* Dauelsberg, M. 104071
Jurich, M. *see* Miller, R.D. 85642
Juricic, D., Krasevec, E., Rak, M. Simulation environment–a tool for analysis and design of a system for fault detection and diagnosis 111991
Jurke, S. The new ATP family–the optimum turbine for every application 121364
Jurkiewicz, J. *see* Gawedzki, W. 109997
Jurkiewicz, K. *see* Bers, K. 88701
Jurkschat, K., Roberts, S.G. Reduction of dislocation mobility in Ge_xSi_{1-x} epilayers 94437
Juska, G. *see* Fejfar, A. 102970
Juskaitis, R., Wilson, T., Watson, T.F. Confocal microscopy using optical fibre imaging bundles 101269
Juskaitis, R. *see* Kawata, Y. 64635
Juskaitis, R. *see* Wilson, T. 100142
Jusko, A. *see* Braunschweig, W. 120173
Jusko, O., Zhao, X., Wilkening, G. Scanning probe microscopes for the measurement of micro- and nano structures 79335
Jusko, O. *see* Barbato, G. 68958
Jusko, O. *see* Koening, R. 74588
Jussawalla, M. *see* Chismar, W.G. 108897
Jusserand, B. *see* Dahl, C. 62981
Jusserand, B. *see* Fainstein, A. 74424
Jusserand, B. *see* Gerard, J.M. 63082
Just, E. *see* Mahlbacher, T. 101779
Just, W. Environment protection on the up-and-up on the example of power supply in Gelsenkirchen 121083
Juste, K.Aska *see* Aska Juste, K.
Juster, F.P. *see* Baze, J.M. 90186
Justesen, J. *see* Forchhammer, S. 66954
Justesen, J. *see* Zyablov, V. 117252
Justice, J. *see* Corbett, B. 76031
Justus, B.L. *see* Huston, A.L. 80527
Juszczyk, W., Zajac, M. Parallel processing methods applied to choice of direct transistor frequency converter control 102880
Jutamulia, S., Asakura, T. Flat-panel-display backlighting with collimated light 89402
Jutamulia, S., Yu, F.T.S. Novel application of multiplexed hologram to optical fiber communication 99493
Jutamulia, S. *see* Xinagyang Yang 98267
Jutamulia Suganda *see* Suganda Jutamulia
Jutard, A. *see* Lucas, Y. 77215
Jutong Liu, Kuech, T.F. A near-field scanning optical microscopy study of the uniformity of GaAs surface passivation 94729
Jutras, R., Lafond, C., Plamondon, M., Proulx, S., Srinivasan, K. Islanding tests near a mini hydro generating plant 81064
Jutting, N. *see* Dammer, G. 92288
Juutilainen, J., Hatfield, T., Laara, E. Evaluating alternative exposure indices in epidemiologic studies on extremely low-frequency magnetic fields 70265
Juutinen, S. *see* Lhersonneau, G. 80145
Juvells, I. *see* Carnicer, A. 108698
Juvells, I. *see* Ros, D. 69958
Juvin, D. *see* Scheer, P. 85197
Juwei Tai *see* Tai Juwei
Juyan Xu *see* Zonguang Yu 83178
Juying, J. *see* May, G.C. 111296
Juyo-Min Shyu *see* Shiang-Tang Huang 61550
Juzheng Liu *see* Haosheng Fei 116676
Jwo, D.S. *see* Chan, W.C. 64576
Jwo-Hwu, Y. *see* Hsu, Y.-Y. 81024
Jy-Wang Liaw *see* Yuan-Kuang Tu 119199
Jya-Jang Tsai *see* Cleary, J.G. 78019
Jye-Chyi Lu *see* Hughes-Oliver, J.M. 115315
Jyh-Charn Liu *see* Hung-Ju Lee 87900
Jyh-Charn Liu *see* Hung-Ju Lee 99740
Jyh-Horng Wen, Jee-Wey Wang A non-collision PRMA protocol for integrated voice and data wireless networks 68245
Jyh-Horng Wen, Jee-Wey Wang A new protocol for wireless voice communications—non-collision packet reservation multiple access 88356
Jyh-Horng Wu, Jingshown Wu, Yang-Han Lee Performance of Reed-Solomon codes in multichannel CPFSK coherent optical communications 88455
Jyh-Jia Chen, Chyi Hwang Characterization of robust root loci of polytopes of polynomials 60958
Jyh-Ming Jong, Hayden, L.A., Tripathi, V.K. Impedance-loss profile characterization of interconnection structures 92212
Jyh-Ming Li *see* Guan-Chyun Hsieh 81578
Jyh-Ping Wang *see* Woei-Kwo Kuo 61304
Jyh-Shin Pan *see* Geng-Lin Chen 108472
Jyh-Shing Horng *see* Hsiao-Fan Wang 72556
Jyh-Shinn Yang, Ching-Ray Chang, Klik, I. A causality algorithm for magnetic hysteresis of interacting systems 64185
Jyh-Shinn Yang *see* Ching-Ray Chang 65621
Jyh-Shiou Chen *see* Chung-Ming Huang 109215
Jyh-Wen Sheen, Yu-De Lin Surface-wave-like mode in slot line 76536
Jyh-Wen Sheen, Yu-De Lin An improved dynamic model in integral equation methods for the characterization of discontinuities in planar circuits 85932
Jyh-Wen Sheen *see* Yu-De Lin 108091
Jyhpyng Wang *see* Chau-Hwang Lee 116393
Jyhpyng Wang *see* Chih-Hung Chien 85607
Jyhpyng Wang *see* Hoang Yan Lin 75534
Jyhshing Chen *see* Che-Chih Tsao 89242
Jyhshinn Chen *see* Chen Jyhshinn
Jyi-Chang Tsai *see* Chaur-Heh Hsieh 117850
Jyo, Y., Omatu, S. A fast algorithm for straight line detection using γ-ω Hough transformation 77336
Jyo, Y. *see* Maeda, S. 61662
Jyo, Y. *see* Masunari, H. 61590
Jyo, Y. *see* Yoshida, T. 80599
Jyouno, Y. *see* Kawahara, T. 73347
Jyrinsalo, J., Hirvonen, R. Increasing the utilisation of the Finnish 400 kV grid 80969
Jyumonji, M. *see* Sugioka, K. 105554
Jzau-Sheng Lin, Kuo-Sheng Cheng, Chi-Wu Mao A fuzzy Hopfield neural network for medical image segmentation 101218
Jzau-Sheng Lin, Kuo-Sheng Cheng, Chi-Wu Mao Segmentation of multispectral magnetic resonance image using penalized fuzzy competitive learning network 110796
Jzau-Sheng Lin, Kuo-Sheng Cheng, Chi-Wu Mao Multispectral magnetic resonance images segmentation using fuzzy Hopfield neural network 120310
Jzau-Sheng Lin *see* Kuo-Sheng Cheng 101198

K., M.Almonacid *see* Almonacid K., M.
K L Yu Wai Man Y *see* Yu Wai Man Y K L
K. Park Byung *see* Byung K. Park
K. Yu Chong *see* Chong K. Yu
Ka Hin Leung, Siu Lun Ma A construction of partial difference sets in $\mathbf{Z}(p^2)\times\mathbf{Z}(p^2)\times\cdots\times\mathbf{Z}(p^2)$ 72401
Ka Pak Wong *see* Wojcik, A.B. 84977
Ka Pun Hau *see* Roche, J.R. 66355
Kaa, B. Expansion of the software for the DB1NV spectrum analyser digital image store 119571
Kaabi, L., Remaki, B., Gontrand, C., Lo, P.F., Balland, B. The effect of rapid thermal treatments on the formation of shallow junctions by implanting boron and BF_2^+ ions into (100) silicon through a protecting mask 94662
Kaaden, J., Braeuer, D., Mahr, P., Edwards, D., Leake, B. ¼" digital VCR PRML channel and servo processing 109930
Kaag, F. *see* Morin, F. 103143
Kaan Low Ming *see* Ming Kaan Low
Kaarela, K., Oksanen, J. Communicating the safety aspects of industrial plants 103383
Kaaret, P. *see* Feroci, M. 69768
Kaashoek, M.F., Tanenbaum, A.S. An evaluation of the Amoeba group communication system 87420
Kaashoek, M.F. *see* Engler, D.R. 118412
Kaashoek, M.F. *see* Wallach, D.A. 118119
Kaasik, V.P. *see* Vysotsky, M.G. 110050
Kaatuzian, H. Video-photonic transmission systems 79122
Kaatz, P. *see* Pretre, P. 75596
Kaatz, P.G., Pretre, Ph., Meier, U., Bosshard, Ch., Gunter, P., Zysset, B., Stahelin, M., Ahlheim, M., Lehr, F. Relaxation processes in nonlinear optical polyimide side-chain polymers 85649
Kaatz, Ph. *see* Weder, Ch. 85650
Kaatze, U., Kuhnel, V., Weiss, G. Variable pathlength cells for precise hypersonic spectrometry of liquids up to 5 GHz 70564
Kaatze, U. *see* Gottmann, O. 69441
Kabachenko, A.P. *see* Malyshev, O.N. 90241
Kabacik, P. Active microstrip array for satellite communication applications 97390
Kabakchiev, C., Behar, V. Parallel architecture of adaptive MTD processors 119298
Kabakoff, S.E. *see* Xue, S. 115616
Kabal, D.N. *see* Plant, D.V. 85326
Kabal, P. *see* Qing-Guang Liu 97637
Kabalan, K.Y. *see* El-Hajj, A. 76330
Kabaldin, A.N., Neimash, V.B., Tsmots', V.M., Shpinar, L.I. Mechanisms of influence of thermodonors on the Hall mobility in Si 105100
Kabalnov, Yu.S. *see* Babak, S.F. 113156
Kabanov, Yu.P. *see* Nikitenko, V.I. 115633
Kabasawa, T., Sengoku, M. Characteristics of mobile communication traffic in a two-way band-shaped service area 118925
Kabasawa, U., Tarutani, Y., Fukazawa, T., Sugii, N., Hasegawa, H., Takagi, K. Superconductor-insulator transition and electric field effect of $Y_yPr_{1-y}Ba_2Cu_3O_{7-x}$ thin films 75297
Kabasawa, U., Tarutani, Y., Fukazawa, T., Takagi, K. Electric field effect on a $YBa_2Cu_3O_y$-$Y_xPr_{1-x}Ba_2Cu_3O_y$-$YBa_2Cu_3O_y$ junction 84897
Kabashima, S. *see* Kobayashi, I. 91761
Kabashima, S. *see* Maeda, T. 91759
Kabashima, S. *see* Murakami, T. 112423
Kabashima, S. *see* Okamura, T. 94155
Kabashima, S. *see* Taya, T. 91760
Kabashnikov, V.P. *see* Belyaev, B.I. 111204
Kabatepe, M., Vastola, K.S. The fair distributed queue (FDQ) protocol for high-speed metropolitan-area networks 78041
Kabatianski, G.A. *see* Blakley, G.R. 66484
Kabbaj, H. *see* Vonwald, P. 91823
Kabei, N., Murayama, T., Nagatake, K., Tsuchiya, K. An electrostatic linear actuator developed as a biomimicking muscle (force generated by a two-dimensional integrated actuator) 85805
Kabir, A.B.M.H. *see* Rabbani, K.S. 110837
Kabir, A.B.M.Zohrul *see* Zohrul Kabir, A.B.M.
Kabir, I. *see* Khaled, M.A. 110846
Kabłukov, S.I. *see* Babin, S.A. 116366
Kabłukov, S.I. *see* Babin, S.A. 116370
Kabłukova, E.A. *see* Inkov, Y.M. 91645
Kabore, P., Schaff, A. TDL: An ASN.1-based tests description language 118112
Kabos, P. *see* Fetisov, Y.K. 114259
Kabov, O.A. Heat transfer in cooling systems of microelectronic equipment with partially submerged condensers 72284
Kabra, R.K. *see* Kosonocky, W.F. 79546
Kabrisky, M. *see* Kocur, C.M. 70086
Kabuka, M.R. *see* Xiaohong Li 120295
Kabumoto, S. *see* Kuroda, T. 73204
Kabuo, H., Okamoto, M., Tanaka, I., Yasoshima, H., Marui, S., Yamasaki, M., Sugimura, T., Ueda, K., Ishikawa, T., Suzuki, H., Asahi, R. An 80-MOPS-peak high-speed and low-power-consumption 16-b digital signal processor 61946
Kabuo, H., Okamoto, M., Tanaka, I., Yasoshima, H., Marui, S., Yamasaki, M., Sugimura, T., Ueda, K., Ishikawa, T., Suzuki, H., Asahi, R. An 80-MOPS-peak high-speed and low-power-consumption 16-b digital signal processor 93477
Kabuo, H. *see* Ishikawa, T. 67989
Kaburaki, Y. *see* Fukami, T. 81438
Kaburaki, Y. *see* Fukami, T. 91503
Kabuss, E.-M. *see* Hartmann, P. 120119
Kabuto, C. *see* Kawanami, H. 76247
Kabuto, N. *see* Morigaki, K.-I. 112218
Kabza, H. *see* Schulze, H.-J. 105929
Kabzinski, J., Wasiak, G., Wozniak, P. Adaptive nonlinear controller for a current-controlled induction motor 71321
Kabzinski, J., Wasiak, G., Wozniak, P. Adaptive cascade control of induction motor with parametric uncertainty 71330
Kabzinski, J., Wasiak, G., Wozniak, P. Adaptive nonlinear controller for current-controlled induction motor 111936
Kacejko, P.A., Miller, P., Hammons, T.J. Reduction of multi-machine systems for transient stability studies–influence of crucial simplifications and of power system stabilisers 90958
Kacejko, P.A. *see* Hammons, T.J. 91112
Kacejko, P.A. *see* Hammons, T.J. 101767
Kachalov, K.O. *see* Gorev, V.V. 100794
Kachanov, A., Romanini, D., Lacot, E., Stoeckel, F., Barbier, D. Spectral memory loss in a multimode solid state laser 75898
Kachanov, A. *see* Romanini, D. 96184
Kachanov, B.Ya. *see* Blinov, Yu.I. 71930
Kacharava, A., Macharashvili, G., Nioradze, M., Komarov, V., Sopov, V., Tchernyshev, V. Beam test of Cherenkov counter prototype for ZDF setup 100812
Kache, A. *see* Pavelchek, E.K. 105817
Kachelmyer, A.L., Schultz, K.I. Laser vibration sensing 79017
Kachen, W. *see* Fujii, H. 66291
Kachi, S. *see* Nii, K. 121111
Kachi, T. *see* Kumar, R. 75984
Kachroo, P. Setup for advanced vehicle control systems experiments in the flexible low-cost automated scaled highway (FLASH) laboratory 90851
Kachroo, S. *see* Aggarwal, M.M. 69839
Kachru, R. *see* Bai, Y.S. 64591
Kachru, R. *see* Shen, X.A. 75412
Kachtanov, E. *see* Andriischin, A. 100413
Kacines, J.J. *see* Schaefer, T.M. 62513
Kaciulis, S. *see* Bruni, M.R. 63050
Kackell, P., Bechstedt, F. Heterocrystalline SiC: ab inito calculations for superlattices of combinations of cubic and hexagonal SiC 74450
Kackell, P. *see* Bechstedt, F. 105300
Kackell, P. *see* Schmidt, W.G. 94458
Kackprowicz, M. *see* Rossi, D. 73093
Kacprzak, J., Krzysztoszek, K. Simulation of control of an electric traction vehicle taking into account voltage in the contact line 112510
Kacprzak, J., Podsiadly, D. Simulation of control of an electric traction vehicle taking into account in the contact line 112511
Kacprzak, J. *see* Zarkow, J.I. 112550
Kacso, D.P. *see* Gavrea, I. 113202
Kaczer, B., Meng, Z., Pelz, J.P. Nanometer-scale creation and characterization of trapped charge in SiO_2 films using ballistic electron emission microscopy 74497
Kaczmarczyk, Z. *see* Grzesik, B. 121721
Kaczmarek, J. FEM computation of flux and force in a magnetic lifting device model with NdFeB magnets 64495
Kaczmarek, M., Hribek, P., Eason, R.W. Characterization of photorefractive properties of 'blue' Rh:$BaTiO_3$ via nonlinear wave mixing 107507
Kaczmarek, M., Ross, G.W., Eason, R.W., Damzen, M.J., Ramos-Garcia, R., Garrett, M.H. Intensity-

dependent absorption and its modelling in infrared sensitive rhodium-doped $BaTiO_3$ 65533
Kaczmarek, M. *see* Robertson, E.E. 64781
Kaczmarek, R. *see* Defoug, S. 75107
Kaczmarek, S., Mierczyk, Z., Kopczynski, K., Frukacz, Z., Pracka, I., Lukasiewicz, T. Pr^{3+} doped YAG and SLGO laser rods 107179
Kaczmarek, S. *see* Kopczynski, K. 85436
Kaczmarek, S. *see* Kopczynski, K. 107213
Kadaba, S.R., Gelfand, S.B., Kashyap, R.L. Bayesian decision feedback for segmentation of binary images 77403
Kadah, Y.M., Farag, A.A., Zurada, J.M., Badawi, A.M., Youssef, A.-B.M. Classification algorithms for quantitative tissue characterization of diffuse liver disease from ultrasound images 101189
Kadah, Y.M., Tewfik, A.H. Efficient design of ultrasound true-velocity flow mapping 120289
Kadakia, S.D., Agrawal, A.P. Design trade-offs in high performance packages 112942
Kadalbajoo, M.K., Bawa, R.K. Variable-mesh difference scheme for singularly-perturbed boundary-value problems using splines 82368
Kadar, I. Robust adaptive signal-level fusion for enhanced target detection 119267
Kadar, P. *see* Eissa, M.M. 102226
Kadar, Z., Bossche, A., Mollinger, J. Aluminium press-on contacts for glass-to-silicon anodic bonding 84628
Kadar, Z., Kindt, W., Bossche, A., Mollinger, J. Quality factor of torsional resonators in the low-pressure region 88991
Kadar-Kallen, M. *see* Liu, Y.S. 116287
Kadavanich, A.V. *see* Guzelian, A.A. 105151
Kadavanich, A.V. *see* Mews, A. 72797
Kadel, G., Lorenz, R.W. Impact of the radio channel on the performance of digital mobile communication systems 97110
Kadhim, A.H., O'Kelly, D. Computer-aided analysis and implementation of optimized PWM waveforms for real-time control 71551
Kadhim, N.J., Mukherjee, D. Investigation of oval defects associated with MBE growth of GaAs layers 104003
Kadi, A.P. *see* Phillips, P.J. 120401
Kadi-Ogly, I.A. *see* Shtilerman, J.Z. 91456
Kadin, A.M. *see* Johnson, M.W. 64517
Kadinski, L. *see* Dauelsberg, M. 104071
Kadionik, P. *see* Dallet, D. 114036
Kadlec, S. *see* Muralidhar, G.K. 94193
Kadnikov, A., Deviatilov, V., Korchuganov, V., Matveev, Yu., Shvedov, D. High voltage nanosecond generators for SIBERIA-2 89779
Kadnikov, A. *see* Valentinov, A. 89926
Kado, H. Multi-channel SQUID of LTS and HTS 84903
Kado, H. *see* Hasegawa, K. 85904
Kado, H. *see* Kajiwara, G. 97155
Kado, H. *see* Kazami, K. 106687
Kado, H. *see* Tanaka, S. 84906
Kado, H. *see* van Duuren, M.J. 69029
Kado, H. *see* van Duuren, M.J. 115947
Kado, H. *see* Yamasaki, S. 84894
Kado, T. Ti/MgO superlattices epitaxially grown on sapphire (00.1) and MgO(001) substrates 113352
Kado, Y. *see* Ino, M. 73249
Kado, Y. *see* Nishimura, K. 115340
Kadobayashi, R., Tsukamoto, M. An adaptive routing scheme for mobile communication 98725
Kadoch, M. *see* Elhakeem, A.K. 88448
Kadoch, M. *see* Talla, M. 77604
Kadoguchi, S. *see* Karashima, A. 61930
Kadoi, K. *see* Saitoh, Y. 80027
Kadoi, K. *see* Saitoh, Y. 100838
Kadoi, K. *see* Tsuboyama, T. 100836
Kadoi, L., Haarer, D., Allakhverdiev, K.R., Salaev, E.Yu. Phase-matched second-harmonic generation at 789.5 nm in a GaSe crystal 96615
Kadoiwa, K. *see* Yamamoto, Y. 63774
Kadokawa, N. *see* Iwata, T. 81758
Kadokura, E. *see* Kawakubo, T. 100547
Kadokura, S., Naoe, M. Sputtering conditions for depositing Co-Cr-Ta films with voidless morphology and nano-size domains 113444
Kadomskaja, K.P., Voitovich, R.A. Optimization of design and service scheme of high-voltage cable transmission lines 81092
Kadomsky, D.E. The influence of electromagnetic processes of transformers and generators on the operation of valve converters 102799
Kadono, K. *see* Ohtsuki, T. 116091
Kadota, K. *see* Sasaki, K. 112873
Kadota, M., Ago, J., Horiuchi, H. A Bleustein-Gulyaev-Shimizu wave resonator with 2 or 3 resonances for double traps in TV and VCR (VTR) 84739
Kadota, M., Ago, J., Horiuchi, H. A Bleustein-Gulyaev-Shimizu wave resonator having resonances for TV and VCR traps 84747
Kadota, M., Minakata, M. Properties of zinc oxide (ZnO) films deposited by an electron cyclotron resonance (ECR) sputtering system 92827
Kadota, M. *see* Morozumi, K. 84733
Kadota, M. *see* Morozumi, K. 95322
Kadota, M. *see* Nanto, H. 85265
Kadota, N. *see* Inazaki, K. 109653
Kadota, Y., Kurano, M., Yasuda, M. A utility deviation in discounted Markov decision processes with general utility 82401
Kadota, Y. *see* Fukano, H. 116546
Kadota, Y. *see* Okamoto, H. 75919
Kadota, Y. *see* Okamoto, H. 96432
Kadota, Y. *see* Yamada, T. 96403
Kadowaki, M. *see* Miyake, Y. 81757
Kadowaki, N., Shindo, N., Iida, T. Remote high definition video post-production experiment via trans-Pacific HDR satellite communications link: experimental systems in Japan 88439
Kadowaki, N. *see* Okazawa, H. 119101
Kadowaki, N. *see* Yoshimura, N. 109594
Kadowaki, T. *see* Shiomitsu, T. 81864
Kadoya, K. *see* Nakahata, A. 96999
Kadrmas, D.J., Frey, E.C., Tsui, B.M.W. An SVD investigation of modeling scatter in multiple energy windows for improved SPECT images 101129
Kadrmas, D.J., Frey, E.C., Tsui, B.M.W. An SVD investigation of modeling scatter in multiple energy windows for improved SPECT images 101287
Kadushkin, V.I., Shangina, E.L. Energy spectrum and photoluminescence of a GaAs (δ-Sn) structure grown on a vicinal face 114614
Kadushkin, V.I. *see* Brandt, N.B. 63008
Kadushkin, V.I. *see* Kucherenko, I.V. 62888
Kadushkin, V.I. *see* Kul'bachinskii, V.A. 62725
Kadushnikov, R.M. *see* Kamenin, I.G. 67173
Kadyk, J. *see* Cho, H.S. 80044
Kadyk, J. *see* Cho, H.S. 100832
Kadyk, J. *see* Hong, W.S. 80034
Kadyk, J. *see* Hong, W.S. 100847
Kadykov, N.V. *see* Matveyev, V.F. 71595
Kadykova, G.N. *see* Lyakhovich, T.K. 106533
Kadyrogly, Z.L. *see* Guseinov, D.T. 74306
Kadyrov, A., Lavrushkin, V., Tkacheva, O. Sapid meaning of Euclidean metric in a criteria space 87023
Kadyrov, A. *see* Tkacheva, O. 86813
Kadyrov, A.A. *see* Fedotov, N.G. 77230
Kadzhar, Ch.O. *see* Kasimov, R.M. 76407
Kae, T. *see* Morita, H. 111540
Kae Dal Kwack *see* Hyeong Rae Kim 65357
Kaelin, G. *see* Gregg, A. 70417
Kaellne, J. *see* Frenje, J. 100817
Kaemmer, S. *see* Hosaka, S. 84945
Kaenel, H.Von *see* Von Kaenel, H.
Kaenel, V.Von *see* Von Kaenel, V.
Kaerner, T. *see* Kropman, D. 62686
Kaetsu, H. *see* Arai, Y. 88529
Kaetsu, H. *see* Kotosaka, S. 109688
Kaewnin, M. *see* Jian-Guo Zhang 109634
Kafarov, V.V., Dorokhov, I.N., Ramirez, A., Kafarova, N.I. Computer aided design of multifunctional composite materials 61449
Kafarova, N.I. *see* Kafarov, V.V. 61449
Kafedziski, V.G. *see* Sadowsky, J.S. 68096
Kafka, G. Speech compression: digital telephony with high quality and low bit rates 67702
Kaftandjian, V., Zhu, Y.M., Roziere, G., Peix, G., Babot, D. A comparison of the ball, wire, edge, and bar/space pattern techniques for modulation transfer function measurements of linear X-ray detectors 80158
Kag Hwang In *see* In Kag Hwang
Kag Hyeon Lee *see* Hai Bin Chung 85372
Kaga, A., Tajima, K., Satoh, H., Itoh, T. Relationship between variable capacitance characteristic and effect of ferrite magnetic wedge in capacitor motor switched by triac 91524
Kaga, S., Kawaguchi, I., Ikeda, H., Ogihara, Y., Tokuda, N., Miyata, T. Suppression of harmonics resonance using active filter in cycloconverter for Maglev 91887
Kaga, T., Katagiri, T., Houhashi, M., Yamagami, A., Kurihara, Y. Computerized integrated information control systems [for power networks] 80861
Kaga, T. *see* Nagai, N. 80880
Kaga, T. *see* Nagai, N. 102923
Kaga, Y., Amano, T., Inada, T. Development of solder bumping through Super Solder 112874
Kaga, Y. *see* Nagata, S. 81771
Kaga, Y. *see* Okuo, T. 81733
Kaga, Y. *see* Okuo, T. 121868
Kaga, Y. *see* Okuo, T. 121869
Kagalwala, R., Venkata, S.S., Lauritzen, P.O., Sundarum, A., Adapa, R., Sastry, V.V. Models of a distribution static condenser (STATCON) for EMTP 111590
Kagami, A. *see* Uota, T. 78161
Kagan, H. *see* Gan, K.K. 90132
Kagan, M.B., Letin, V.A., Grigorieva, G.M., Milovanov, A.F., Matveev, V.P., Kritskii, S.A., Zayavlin, V.P., Fadeeva, N.V. Tests of integral photoconverter 81870
Kagan, M.S., Landsberg, E.G., Petrishchev, V.V., Zhdanova, N.G. Field ionization of shallow impurities at random potential 114590
Kagan, M.S. *see* Altukhov, I.V. 74099
Kagan, M.S. *see* Yassievich, I.N. 62965
Kaganov, S.Kh., Chibisov, V.A. Two-coordinate stellar-planetary device for orientation and navigation 111044
Kaganovich, B.M., Merenkov, A.P., Sumarkov, S.V., Shirkalin, I.A. Flow distribution in networks and extremal principles of mechanics and thermodynamics [power system applications] 70633
Kaganovich, B.M. *see* Balyshev, O.A. 113716
Kagarakis, C.A. *see* Moronis, A.X. 64038
Kagaris, D., Tragoudas, S. Generating deterministic unordered test patterns with counters 104490
Kagaris, D., Tragoudas, S., Majumdar, A. Deterministic test pattern reproduction by a counter 73216
Kagatani, T. *see* Takimoto, I. 104429
Kagawa, H. *see* Farrand, L.D. 75600
Kagawa, H. *see* Kakuta, A. 76251
Kagawa, H. *see* Sagawa, M. 85596
Kagawa, K., Konislli, T., Tanida, J., Ichioka, Y. Photofabrication technique for optical system construction 106897
Kagawa, K. *see* Kashihara, T. 103148
Kagawa, K. *see* Matsuzaki, S.-I. 103149
Kagawa, K. *see* Negoro, Y. 106637
Kagawa, K. *see* Okabe, A. 115712
Kagawa, M. *see* Kariyasaki, A. 69572
Kagawa, S. *see* Fukumi, T. 76236
Kagawa, T. *see* Takahashi, R. 88468
Kagawa, T. *see* Takenouchi, H. 107241
Kagawa, Y., Sun, Y., Mahmood, Z. Regular boundary integral formulation for the analysis of open dielectric/optical waveguides 97260
Kagawa, Y., Tsuchiya, T., Kawashima, T. Finite element simulation of piezoelectric vibrator gyroscopes 84720
Kagawa, Y. *see* Ishida, H. 119768
Kagawa, Y. *see* Mahmood, Z. 104779
Kagawa, Y. *see* Mahmood, Z. 107997
Kagawa, Y. *see* Yonghao Sun 107743
Kagaya, H. *see* Sonoi, Y. 70493
Kagaya, H. *see* Yukawa, T. 80494
Kagaya, O., Takazawa, H. Effect of surface-trap levels on threshold-voltage change in GaAs FETs 63728
Kagel, J.H., Chung Kim, Moser, D. Fairness in ultimatum games with asymmetric information and asymmetric payoffs 82393
Kagenaga, K. *see* Nitta, K. 121799
Kager, A., Liou, J.J., Huang, C.I. A numerical study of the effect of base and collector structures on the performance of AlGaAs/GaAs multi-finger HBTs 84338
Kager, A. *see* Ho, C.S. 63642
Kageshima, H. Effects of oxygen termination on the electronic states of silicon quantum slabs 84035
Kagey, D. *see* Khormaei, R. 89376
Kageyama, H. *see* Nguyen, N.T. 89299
Kageyama, H. *see* Yoshiiwa, M. 115109
Kageyama, K. *see* Ohsawa, I. 61484
Kageyama, M. *see* Hashimoto, K. 63476
Kageyama, T., Akai, K., Akasaka, N., Ezura, E., Naito, F., Shintake, T., Takeuchi, Y., Yamazaki, Y., Kobayashi, T. Development of a HOM-damped cavity for the KEK B-factory (KEKB) 100671
Kageyama, T. *see* Akasaka, N. 100664
Kageyama, T. *see* Naito, F. 100687
Kageyama, T. *see* Nakagawa, T. 100786
Kageyama, T. *see* Takeuchi, Y. 100684
Kageyama, T. *see* Yamazaki, Y. 100469
Kageyama, T. *see* Yanagisawa, T. 81348
Kagi, H. *see* Li Wei 61139
Kagi, N. *see* Marhic, M.E. 65441
Kagi, N. *see* Marhic, M.E. 75838
Kagi, N. *see* Ting-Kuang Chiang 68401
Kagimoto, Y. *see* Ozaki, M. 88915
Kagomi, S. *see* Takeyama, M. 83984
Kagoshima, K. Mobile communication antennas: Recent developments in Japan 68122
Kagoshima, K. *see* Maruyama, T. 66109
Kagoshima, K. *see* Uehara, K. 87691
Kagoshima, T. *see* Ida, T. 67439
Kagotani, H., Obata, T., Okamoto, T., Nanya, T. Dependency graph representation of mutual exclusion and its implementation using two-phase quasi-delay-insensitive circuit 61523
Kagotani, K., Nanya, T. Performance enhancement of two-phase quasi-delay-insensitive circuits 73212
Kagstrom, B., Poromaa, P. Computing eigenspaces with specified eigenvalues of a regular matrix pair (A,B) and condition estimation: theory, algorithms and software 103745
Kah Bin Lim *see* Kai Xin 97916
Kah-Chye Tan, Eng-Chye Tan, Say Song Goh Counterexamples to a conjecture for characterizing higher rank ambiguities 66714
Kah-Chye Tan, Kwok-Chiang Ho, Nehorai, A. Uniqueness study of measurements obtainable with arrays of electromagnetic vector sensors 66717
Kah-Chye Tan, Say Song Goh, Eng-Chye Tan A study of the rank-ambiguity issues in direction-of-arrival estimation 66697
Kah-Kay Sung, Poggio, T. Example-based learning for view-based human face detection 77305
Kah-Kay Sung *see* Poggio, T. 86858
Kahalekar, S.G., Hamde, S.T., Chile, R.H., Jamkar, R.G. Biomedical engineering education 120252
Kahalekar, S.G., Vaidya, S.J., Shrawagi, B.E., Andharmule PC based phonocardio expert system 120324
Kahan, A. *see* Goldreich, O. 117162
Kahana, E. *see* Chung, Y. 100534
Kahana, E. *see* Chung, Y. 100613
Kahana, E. *see* Lumpkin, A. 100540
Kahara, T., Takashima, S., Yoshida, T., Fujimura, H., Ohtsuka, K. Characteristics of a MCFC stack with multiple type cells 71206
Kahilainen, J. *see* Kosunen, A. 110970

Kahle, C.F., II, McMurdie, N.D., Goldman, P.J. A unique positive-acting electrodeposited photoresist for advanced packaging applications 104953
Kahle, G., Weber, B., Haas, J.P. Evaluation of a digital speech processor system in clinical practice 86131
Kahler, G.R., Vajda, F., Della Torre, E. Parameter estimation techniques for recording media 115834
Kahlouche, H., Girardot, J.J. A stepwise refinement based approach for synthesizing protocol specifications in an interpreted Petri net model 87463
Kahn, B.A. *see* Hughen, J.H. 119286
Kahn, E. The production tax credit for wind turbine powerplants is an ineffective incentive 81369
Kahn, H., Stemmer, S., Nandakumar, K., Heuer, A.H., Mullen, R.L., Ballarini, R., Huff, M.A. Mechanical properties of thick, surface micromachined polysilicon films 74951
Kahn, J.M. *see* Audeh, M.D. 78740
Kahn, J.M. *see* Ho, K.-P. 78897
Kahn, J.M. *see* Keang-Po Ho 86980
Kahn, J.M. *see* Lee, D.C. 87728
Kahn, K.B. *see* McDonough, E.F., III 103377
Kahn, M., Krause, D., Chase, M. Flaw detection in d_{33} mode multilayer ceramic actuators using impedance-frequency scans 82817
Kahn, M. *see* Bashkansky, M. 82802
Kahn, M. *see* Wu, C.C.M. 61437
Kahn, O. Spin-crossover molecular materials 116160
Kahn, R.E., Swain, M.J., Prokopowicz, P.N., Firby, R.J. Gesture recognition using the Perseus architecture 86447
Kahn, S. *see* Greene, A. 90033
Kahn, S. *see* Gupta, R. 90038
Kahn, S. *see* Gupta, R. 95577
Kahn, S. *see* Wanderer, P. 89783
Kahn, S.A. *see* Yamamoto, R.M. 90187
Kahn, W.K. *see* Brown, A.C., Jr. 97312
Kahn, W.K. *see* Morsy, M.N. 107961
Kahn, W.K. *see* Weiss, S.J. 97331
Kahne, S., Frolow, I. Air traffic management: evolution with technology 101491
Kahng, A.B., Muddu, S. Efficient gate delay modeling for large interconnect loads 62538
Kahng, A.B., Muddu, S. Analysis of RC interconnections under ramp input 84247
Kahng, A.B. *see* Alpert, C.J. 61568
Kahnke, J.L. *see* Judkins, R.R. 111806
Kahrizi, M. *see* Landsberger, L.M. 74574
Kahrizi, M. *see* Paranjape, M. 88990
Kahrizi, M. *see* Seyfe, B. 66642
Kahwaty, V.N. *see* Seagle, D.J. 115736
Kai, K., Seno, H., Ueno, M., Isobe, T. TV newspapers in ISDB–multimedia information broadcasting services 109226
Kai, K. *see* Isobe, T. 109225
Kai, K. *see* Usui, K. 109914
Kai, M. *see* Liu, W.H. 120556
Kai, T. *see* Hanawa, S. 95571
Kai, T. *see* Matsushita, K. 81152
Kai, T. *see* Okuno, T. 100256
Kai, T. *see* Takahata, K. 95516
Kai, Y. *see* Onaka, H. 88642
Kai Chang Recent progress in active antennas and spatial power combining 76567
Kai Chang Integrated microstrip active antennas and their applications 88105
Kai Chang *see* Flynt, R.A. 117022
Kai Chang *see* Kanamaluru, S. 85960
Kai Chang *see* Kanamaluru, S. 85989
Kai Chang *see* Lu Fan 83507
Kai Chang *see* Lu Fan 85986
Kai Chang *see* Lu Fan 114238
Kai Chang *see* Zhengping Ding 114227
Kai Chen, Wann, H.C., Ko, P.K., Chenming Hu The impact of device scaling and power supply change on CMOS gate performance 61711
Kai Chen, Yuhua Cheng, Chenming Hu, Liu, Z.H., Min-Chie Jeng, Ko, P.K. Modeling of a MOSFET's parasitic resistance's narrow width and body bias effects for an IC simulator 95012
Kai Chen *see* Yuhua Cheng 114142
Kai Du *see* Du Kai
Kai Hwang, Zhiwei Xu Scalable parallel computers for real-time signal processing 83166
Kai Lu *see* Lu Kai
Kai Ma *see* Ruipeng Sun 84942
Kai Ma *see* Ruipeng Sun 89342
Kai Ma *see* Ma Kai
Kai Sang Lock *see* Lock Kai Sang
Kai Shao *see* Bing-Zong Li 84209
Kai Shao *see* Dade Zhao 73768
Kai Shao *see* Hua Fang 84212
Kai Shao *see* Shao Kai
Kai Wu, Zhang Chengwei, Guangnying Wu, Hengkun Xie A new fractal model for describing time-dependence of treeing growth 64042
Kai Xie *see* Xie Kai
Kai Xin, Kah Bin Lim, Geok Soon Hong Image feature extraction through scale-space filtering 97916
Kai Yiu Ko Paul *see* Paul Kai Yiu Ko
Kai Zhang *see* Brehmer, D.E. 63561
Kai Zhang *see* Pan, J.J. 65071
Kai-Cheng Lu *see* Lu Kai-Cheng
Kai-Chuang Huang, Kwang-Cheng Chen Interference analysis of nonpersistent CSMA with hidden terminals in multicell wireless data networks 87855
Kai-Da Wang Cha *see* Cha Kai-Da Wang
Kai-Hua Cai *see* Xiao-Ping Zhou 70169
Kai-Ming Zhang *see* San-Huang Ke 105347
Kai-Pu Lam *see* Chi-Wa Tong 104287
Kai-Siung Chang, Fang-Fang Yin, Kai-Wen Nie The effect of detector size to the broadening of the penumbra–a computer simulated study 110900
Kai-Tai Song, Wen-Hui Tang Environment perception for a mobile robot using double ultrasonic sensors and a CCD camera 67405
Kai-Tai Song *see* Chang, C.C. 108674
Kai-Wei Ke *see* Chin-Tau Lea 87504
Kai-Wen Nie *see* Kai-Siung Chang 110900
Kai-Yeung Siu, Hong-Yi Tzeng Congestion control for multicast service in ATM networks 77608
Kai-Yeung Siu *see* Hongqing Li 87805
Kai-Yeung Siu *see* Hongqing Li 108842
Kai-Yew Lum, Coppola, V.T., Bernstein, D.S. Adaptive autocentering control for an active magnetic bearing supporting a rotor with unknown mass imbalance 102627
Kai-Yuan Ho *see* Xiang-Yuan Xiong 64208
Kaibang Huang *see* Huang Kaibang
Kaibara, H. *see* Okada, T. 107554
Kaibazawa, H., Tsuda, M., Suzuki, M., Negishi, J., Sugizaki, Y., Ikeda, M. PHS personal station 98931
Kaibe, H.T., Okumura, T., Nishida, I.A. Single crystal growth and thermoelectric properties of Bi_2Te_3 compounds with graded carrier concentration 61150
Kaibe, H.T. *see* Miyazaki, S. 63101
Kaicheng Li A novel self aligned VDMOS device 84434
Kaick, G.van *see* van Kaick, G.
Kaida, Y. *see* Kato, Y. 115224
Kaidanov, F.G., Munteanu, R.H., Yeger, A. Silicone insulator use on the rise worldwide 111654
Kaide Zha *see* Zha Kaide
Kaifu Zheng *see* Zheng Kaifu
Kaihara, A. *see* Kitaguchi, H. 90153
Kaihara, A. *see* Kitaguchi, H. 100894
Kaihara, M. *see* Tokunaga, H. 109189
Kaihara, S. *see* Nakamura, T. 72269
Kaiho, K. *see* Fuji, H. 95423
Kaiho, K. *see* Higuchi, N. 102606
Kaiho, K. *see* Kajikawa, K. 102264
Kaiho, K. *see* Nomura, H. 95572
Kaihua Xiang *see* Xiang Kaihua
Kaihuai Qin *see* Qin Kaihuai
Kaijia Cheng *see* Cheng Kaijia
Kaikai, J. Medical informatics business process reengineering methodology and tools 90256
Kaiki, K. *see* Blankespoor, S.C. 101286
Kaiki, N., Sagisaka, Y. Study of pause insertion rules based on local phrase dependency structure 108221
Kaikkonen, M.K. *see* Ostergard, P.R.J. 76798
Kaikkonen, P., Pernu, T., Tiikkainen, J., Nozdrina, A.A., Palshin, N.A., Vanyan, L.L., Yegorov, I.V. Deep DC soundings in southwestern Finland using the Fenno-Skan HVDC link as a source 80598
Kaila, S., Hyvarinen, E. Integrating design for environment into the product design of Switching Platforms 78288
Kailath, T. *see* Aghajan, H.K. 87228
Kailath, T. *see* Liu, H. 86185
Kailath, T. *see* PooGyeon Park 60928
Kaill, D. The real time has arrived [industrial inspection] 67446
Kailun Yao *see* Yao Kailun
Kailyuk, A.G., Krut'ko, O.B., Kvak, A.A. On creation of the new type of isochronal free-electron lasers 107364
Kaiming Ho, Leung, C. On the undetected error probability of binary expansions of Reed-Solomon codes 76801
Kaindl, R.A. *see* Sueptitz, M. 107221
Kaino, T., Tomaru, S., Kurihara, T., Asobe, M. Development of organic nonlinear optical materials for photonic device applications 78933
Kaino, T., Yokoo, A., Asobe, M., Tomaru, S., Kurihara, T. Organic nonlinear optical materials for device applications 76249
Kaino, T. *see* Asobe, M. 85661
Kaino, T. *see* Asobe, M. 88598
Kaino, T. *see* Asobe, M. 99556
Kaino, T. *see* Kasai, H. 85634
Kaino, T. *see* Ooba, N. 85046
Kaino, T. *see* Yokoo, A. 85636
Kainosho, K. *see* Uchida, M. 92678
Kainuma, K. *see* Fujita, M. 112606
Kainuma, S., Murayama, Y., Mori, H., Igarashi, K. Development of 256-beam imaging riometer 101552
Kainuma, S. *see* Ichinose, M. 85873
Kairyte, G. *see* Buzelis, R. 107439
Kaiser, A.R., Cain, C.A., Hwang, E.Y., Fowlkes, J.B., Jeffers, R.J. A cost effective degassing system for use in ultrasonic measurements: the multiple pinhole degassing system 80192
Kaiser, B. *see* Goessling, C. 110549
Kaiser, D., Besca, F., Grobkopf, F., Grotjahn, F., Kuebart, W., Reemtsma, J.-H., Gyuro, I. Experimental comparison of three different circuit concepts for a monolithic 10 Gb/s InP-based receiver-OEIC 78827
Kaiser, D. *see* Lechner, W. 109834
Kaiser, D. *see* Weinmann, R. 75597
Kaiser, D.L. *see* Hinaus, B.M. 115928
Kaiser, F. *see* Leonardy, J. 116728
Kaiser, F. *see* Muenkel, M. 116560
Kaiser, G. Wavelet filtering in the scale domain 86255
Kaiser, G.E. *see* Dossick, S.E. 77958
Kaiser, H. *see* Ankner, J.F. 64364
Kaiser, H. *see* Michel, R.P. 64361
Kaiser, H. *see* Theis-Brohl, K. 64363
Kaiser, J. *see* Jia, W. 87446
Kaiser, J. *see* Weijia Jia 77752
Kaiser, J.A.C. *see* Cooper, A.L. 111292
Kaiser, K., Tsantung Chen An improved parallel algorithm in real-time robot inverse dynamics application 104617
Kaiser, K.-H. *see* Hartmann, P. 120119
Kaiser, K.H. *see* Drescher, P. 105007
Kaiser, M. *see* Nersessian, G. 121153
Kaiser, M. *see* Ruckh, M. 94454
Kaiser, M.K., Jenkins, J. An enhanced/synthetic vision system for advanced flight decks 90709
Kaiser, M.L., Desch, M.D., Bougeret, J.-L., Manning, R., Meetre, C.A. Wind/WAVES observations of man-made radio transmissions 97129
Kaiser, N. Interference coatings for the ultraviolet spectral region 61386
Kaiser, N. *see* Bodemann, A. 107463
Kaiser, N. *see* Bodemann, A. 107464
Kaiser, N. *see* Eva, E. 107471
Kaiser, N. *see* Eva, E. 116187
Kaiser, N. *see* Zuber, A. 119899
Kaiser, R., Trommer, D., Heidrich, H., Fidorra, F., Hamacher, M. Heterodyne receiver PICs as the first monolithically integrated tunable receivers for OFDM system applications 68384
Kaiser, R. *see* Wendel, M. 105825
Kaiser, S. On the performance of different detection techniques for OFDM-CDMA in fading channels 88222
Kaiser, S. *see* Fazel, K. 68885
Kaiser, S.G. Digital receiver technology, architecture, and application 99098
Kaiser, U. *see* Bachmann, T. 92721
Kaiser, U. *see* Ducke, E. 105711
Kaiser, U. *see* Fissel, A. 103985
Kaiser, U. *see* Glaser, E. 105594
Kaiser, U. *see* Laux, S. 107467
Kaiser, U. *see* Schulz, R. 105181
Kaiser, V. The SIMATIC S7 "Specialists": your guarantee of top manufacturing quality and productivity 60594
Kaiser, W. *see* Marche, P. 69316
Kaiser, W. *see* Oberli, M.T.P. 105098
Kaiser, W.J. *see* Burstein, A. 74989
Kaiser, W.J. *see* Burstein, A. 88982
Kaiser, W.J. *see* Burstein, A. 110132
Kaiser, W.J. *see* Ho, J.G. 100005
Kaiser, W.J. *see* Miller, L.M. 79361
Kaiser, W.J. *see* Rockstad, H.K. 88985
Kaiser-Bonasso, C. *see* Dhawan, A.P. 80263
Kaisersworth, M. *see* Hutchison, A. 90561
Kaisheng Hu, Xiaobing Guo, Zhihui Zhou, Mian Zhang, Guangpin Li, Xiukun He Effect of deep levels on the photo-sensitivity in GaAs substrate and MESFET device 84493
Kaisheva, A., Iliev, I., Kazareva, R., Christov, S., Wollenberger, U., Scheller, F. Enzyme/gas-diffusion electrodes for determination of phenol 119747
Kaisto, I. *see* Ailisto, H. 67428
Kaita, E. *see* Markham, B.L. 120721
Kaiteris, C. *see* Herper, J.C. 111418
Kaitz, T. *see* Raphaeli, D. 77546
Kaiwa, K. *see* Mesaki, Y. 89294
Kaiwu Liu *see* Liu Kaiwu
Kaixin-Fu *see* Xieping-Gao 72601
Kaiyuan Yang *see* Chyan, O. 112298
Kaizhi Zhang *see* Zhang Kaizhi
Kaizu, K. *see* Yasuda, K. 88041
Kaja, S. *see* Wong, K.H. 62516
Kajala, M. *see* Honkasalo, Z. 68306
Kajava, T.T., Gaeta, A.L. Q switching of a diode-pumped Nd:YAG laser with GaAs 96206
Kajfasz, E. *see* Abbes, M. 90145
Kajfez, D. *see* Khan, O.D. 104780
Kaji, H. *see* Yoshii, K. 90566
Kaji, M. *see* Ebata, K. 96584
Kaji, M. *see* Hosoi, H. 98930
Kaji, M. *see* Sagawa, M. 85596
Kaji, R. *see* Gotoh, H. 114182
Kaji, T. *see* Mochizuki, F. 81633
Kaji, Y. *see* Maeda, F. 91959
Kajigaya, K. *see* Nakamura, M. 104543
Kajihara, M., Kodera, K., Fujiwara, N., Nakajima, H., Kata, K., Matsuda, S. High density package "FPBGA" for ASIC 72306
Kajihara, N. *see* Arinaga, K. 72330
Kajihara, N. *see* Kanno, T. 69273
Kajihara, S. *see* Higami, Y. 61843
Kajihara, S. *see* Reddy, S.M. 106144
Kajii, H. *see* Yoshino, K. 106650
Kajikawa, K., Isoshima, T., Sasabe, H., Knoll, W., Yamada, T., Takezoe, H. Phase of second-harmonic generation in ultra thin films 85593
Kajikawa, K., Kaiho, K., Tamada, N., Onishi, T. Design and current-limiting simulation of magnetic-shield type superconducting fault current limiter with high Tc superconductors 102264
Kajikawa, K. *see* Fuji, H. 95423
Kajikawa, K. *see* Higuchi, N. 102606
Kajikawa, K. *see* Hoshi, H. 76155

Kajikawa, K. *see* Nomura, H. 95572

Kajikawa, T., Katsube, I., Sugihara, S. Thermoelectric properties of sintered magnesium silicides 71727

Kajikawa, Y., Nibe, N., Nomura, Y., Ohga, J. An automatic design method for telephone-handsets using the neural network 67971

Kajikawa, Y., Nomura, Y., Ohga, J. An automatic design method for the acoustic parameters of telephone-handsets reducing the effects of leak by Monte Carlo method 87987

Kajikawa, Y. *see* Ishikawa, T. 99807

Kajiki, Y., Ueda, H., Tanaka, K., Okamoto, H., Shimizu, E. Cylindrical large computer-generated holograms and hidden-point removal process 96748

Kajiki, Y., Yoshikawa, H., Honda, T. Three-dimensional display with focused light array 100182

Kajiki, Y. *see* Ueda, H. 96753

Kajimura, A. *see* Endo, A. 81810

Kajimura, A. *see* Sasaki, H. 81767

Kajimura, K. *see* Hayashi, K. 94278

Kajimura, K. *see* Hayashi, K. 94783

Kajimura, K. *see* Teraji, T. 105475

Kajioka, H. *see* Chao-Xiang Shi 79515

Kajioka, H. *see* Chao-Xiang Shi 89120

Kajita, K. *see* Aoki, T. 71364

Kajita, M., Kasahara, K., Kim, T.J., Ogura, I., Redmond, I., Schenfeld, E. Free-space wavelength division multiplexing optical interconnections for massively parallel processing systems 88555

Kajita, M. *see* Kosaka, H. 119155

Kajita, S., Tani, K. Adaptive gait control of a biped robot based on realtime sensing of the ground profile 79711

Kajita, T. *see* Kasuga, S. 80014

Kajitani, Y. *see* Fujiyoshi, K. 63441

Kajitani, Y. *see* Takashima, Y. 73221

Kajiwara, A. Indoor propagation measurements at 94 GHz 97112

Kajiwara, A. *see* Yamaguchi, H. 109791

Kajiwara, G., Harakawa, K., Ogata, H., Kado, H. High-performance magnetically shielded room 97155

Kajiwara, K. *see* Izumihara, A. 80198

Kajiwara, S., Tokuda, I., Tokunaga, R., Matsumoto, T. Recognizing chaotic time-waveforms in terms of a parametrized family of nonlinear predictors 117450

Kajiya, S., Tsukamoto, K., Komaki, S. Proposal of fiber-optic radio highway networks using CDMA method 68252

Kajiyama, H. *see* Yao, T. 74194

Kajiyama, K. *see* Hara, T. 114825

Kajiyama, Y. *see* Tokura, N. 67688

Kajley, R.S., Brown, J.E.C., Hurst, P.J. A mixed-signal decision-feedback equalizer that uses parallelism 104721

Kajola, M. *see* Portin, K. 80356

Kajzar, F. Organic thin films for frequency conversion and electro-optic modulation 85638

Kajzar, F. *see* Blau, G. 106859

Kajzar, F. *see* Combellas, C. 76222

Kajzar, F. *see* De Morais, T.D. 85639

Kajzar, F. *see* Diaz-Garcia, M.A. 76250

Kajzar, F. *see* Fiorini, C. 85738

Kajzar, F. *see* Large, M.C.J. 85659

Kajzar, F. *see* Vitrant, G. 85058

Kajzar, F., Agranovich, V.M., Lee, C.Y.-C. *(editors)* Photoactive Organic Materials. Science and Applications. Proceedings of the NATO Advanced Research Workshop 103246

Kakac, S. *see* Sopian, K. 71920

Kakadiaris, I.A., Metaxas, D. Model-based estimation of 3D human motion with occlusion based on active multi-viewpoint selection 86373

Kakadiaris, I.A. *see* Metaxas, D. 67310

Kakalios, J. *see* Dyalsingh, H.M. 114659

Kakami, M., Satoh, Y., Sano, H. Development of high speed linear zoom 79181

Kakar, T. *see* Johnson, B. 91003

Kakarala, R., Cadzow, J.A. Estimation of phase for noisy linear phase signals 117590

Kakarantzas, G. *see* Marchese, D. 64605

Kakarantzas, G. *see* Marchese, D. 75388

Kakaudate, S. *see* Oka, K. 102400

Kakazei, G.N., Lesnik, N.A. The study of the perpendicular anisotropy in the nanocrystalline Ni and Co films 106513

Kakazu, Y. *see* Hatakeyama, Y. 80219

Kakazu, Y. *see* Liu, H. 73597

Kakazu, Y. *see* Teshima, S. 77126

Kakegawa, H. *see* Michiguchi, Y. 67828

Kakehashi, E. *see* Saeki, T. 73369

Kakehata, M. *see* Miyazaki, K. 116639

Kakehi, K. *see* Tatsumi, T. 109068

Kakela, P. *see* Lipasti, L. 99802

Kakemizu, M., Taka, M. A fast method for establishing virtual channel connections in gigabit ATM networks 78118

Kakemizu, M., Taka, M. A fast routing and bandwidth management method in ATM networks 108942

Kakhkhorov, M.M. *see* Bakhramov, S.A. 116604

Kakibayashi, H. *see* Murakoshi, H. 62657

Kakigami, S. *see* Hisatome, N. 81770

Kakigi, S. *see* Dewa, H. 120075

Kakigi, S. *see* Kando, M. 100698

Kakigi, S. *see* Noda, A. 79988

Kakigi, S. *see* Shirai, T. 89766

Kakihara, T., Takeda, S., Miyamoto, Y., Noda, A., Mine, Y. Influence of distance between reference station and user station on DGPS positioning accuracy 78592

Kakimoto, A. Detection of surface defects on steel ball bearings in production process using a capacitive sensor 92300

Kakimoto, F., Ogio, S., Shirasaki, Y., Gironda, N., Kaneko, T., Yoshii, H., Baba, T., Nishi, K., Tajima, N., Yamada, Y., Shimoda, S., Nakatani, H., Gotoh, E., Toyoda, Y., Murakami, K., Matsubara, Y., Mizumoto, Y., Velasquez, W., Velarde, A. A small air-shower array at Mount Chacaltaya 69777

Kakimoto, K., Yi Kyungwoo, Eguchi, M. Oxygen transfer during single silicon crystal growth in Czochralski system with vertical magnetic fields 82575

Kakimoto, K. *see* Yi, K.-W. 113274

Kakimoto, M. *see* Fujii, A. 96017

Kakimoto, M. *see* Liming Wang 76165

Kakimoto, M. *see* Wu Aiping 85258

Kakimoto, M.-A. *see* Aiping Wu 75742

Kakimoto, N., Mizuguchi, T., Nojiri, K. Transfer capacity of longitudinal power system and voltage control of SVC 111556

Kakimoto, N., Sugano, K. Assessment of dynamic stability of large-scale power system by Rayleigh's quotient 80763

Kakimoto, N., Sugano, K. Assessment of dynamic stability of large-scale power system by Rayleigh's quotient 101720

Kakimoto, N. *see* Atarasi, H.O. 83509

Kakimoto, S. *see* Matsuoka, T. 105945

Kakimoto, S. *see* Matsuoka, T. 106197

Kakino, Y., Matsubara, A., Ueda, D., Nakagawa, H., Takeshita, T., Maruyama, H. A study on the total tuning of feed drive systems in NC machine tools. III. Single axis mechanical parameter tuning 81933

Kakinoki, H. *see* Jiang Yu Zheng 97943

Kakinuma, M. *see* Hanibuchi, T. 73213

Kakisada, E. *see* Doi, K. 73457

Kakishita, K. *see* Suda, T. 114675

Kakiuchida, H. *see* Horie, M. 115281

Kakizaki, T. *see* Yanagihara, Y. 110146

Kakizaki, Y. *see* Hara, T. 114825

Kakizoe, M. *see* Mori, T. 102890

Kakkad, R., Jinnai, T., Miura, Y., Honjo, M., Shibusawa, M., Ibaraki, N., Obara, T., Matsunaka, S., Ito, H. A completely self-aligned TFT-array process using five masks 105984

Kaklamani, D.I., Marsh, A. Benchmarking high-performance computing platforms in analyzing electrically large planar conducting structures via a parallel computed method of moments technique 116856

Kaklamani, D.I. *see* Marsh, A. 85853

Kako, E. *see* Ono, M. 100494

Kako, M. *see* Kuroda, T. 73425

Kako, N. *see* Nomura, T. 79616

Kaku, S., Yamauchi, Y., Moydin, K. A switching-mode amplifier and its applications 104347

Kaku, S. *see* Yoshida, K. 107460

Kakuda, Y., Inoue, A., Asada, H., Kikuno, T., Ohta, T. A dynamic resolution method for feature interactions and its evaluation 67891

Kakuda, Y. *see* Nakamura, M. 87462

Kakugawa, H. *see* Mizuno, M. 87427

Kakuhara, Y., Yamada, Y., Kikkawa, T., Huo, D.T.C. Improvement in electromigration of AlSiCu reflowed on recessed W-plug 63481

Kakuhara, Y. *see* Sekine, M. 63439

Kakui, M., Shigehara, M., Inoue, A., Iwashima, T., Nakazato, K., Nishimura, M., Hattori, Y. Improved erbium-doped fiber amplifiers employing chirped fiber gratings as ASE rejection filters for WDM transmission 78772

Kakui, M., Wickman, C., Sundberg, E., Kato, T., Nishimura, M., Saito, Y. System optimization for 10 Gbit/s transmission over non-dispersion-shifted fibres employing dispersion compensation fibres 78760

Kakui, M. *see* Koyano, Y. 65067

Kakui, M. *see* Shigematsu, M. 88499

Kakuma, S. *see* Takahashi, N. 69538

Kakumu, M. *see* Kuroda, T. 73425

Kakumu, M. *see* Kuroda, T. 104515

Kakumu, M. *see* Suzuki, A. 73352

Kakumu, T. *see* Minami, T. 92796

Kakumu, T. *see* Minami, T. 95624

Kakuno, K. *see* Masuda, S. 64199

Kakuno, K. *see* Miyata, K. 110507

Kakuno, K. *see* Miyauchi, Y. 96464

Kakuno, K. *see* Takemura, Y. 64245

Kakusho, K., Babaguchi, N., Kitahashi, T. Recognition of social dancing from auditory and visual information 117902

Kakuta, A., Sagawa, M., Kagawa, H. Single crystal growth and resonating SHG experiments of a new organic nonlinear optical material, APDA 76251

Kakuta, A. *see* Imanishi, Y. 76228

Kakuta, A. *see* Sagawa, M. 85596

Kakuta, M. Electric circuit theoretical insulation diagnosis for XLPE power cables 70925

Kakuta, T. *see* Sakasai, K. 80085

Kakuta, T. *see* Sakasai, K. 100876

Kakuta, T. *see* Von Brixy, H. 79750

Kal, S., Biswas, S., Basu, P.K., Lahiri, S.K. Optoelectronic response of porous silicon films and study thermal oxidation 105118

Kal, S., Das, S., Pal, R.R., Ramanujam, T.M., Pillai, S.V., Barman, P., Basu, P.K., Maiti, C.K., Lahiri, S.K. Design and fabrication of a bipolar array chip for linear ASICs 106183

Kal, S., Kasko, I., Ryssel, H. Ultra-shallow n^+p and p^+n junction formation using low energy high dose As^+ and BF_2^+ implantation and rapid thermal anneal 105306

Kal, S. *see* Pal, R.R. 113798

Kal, S. *see* Umapathi, B. 104141

Kalabina, N.A. *see* Ksenevich, T.I. 69328

Kalabukhova, E.N., Kiselev, V.S., Lukin, S.N. Hopping conduction effects in the ESR spectra of 6H-SiC heavily doped with nitrogen 105227

Kalabukhova, E.N. *see* Avramenko, S.F. 107015

Kalachev, A.V., Samartsev, V.V. Accumulated long-lived photon echo in Van Vleck paramagnetics and problem of optical memory 95653

Kalachnikov, S.N., Berger, H. AC-drive with three-phase PWM-rectifier as a reactive power compensator 91828

Kalafala, A.K., Bascunan, J., Bell, D.D., Blecher, L., Murray, F.S., Parizh, M.B., Sampson, M.W., Wilcox, R.E. Micro superconducting magnetic energy storage (SMES) system for protection of critical industrial and military loads 102820

Kalafi, M., Bidadi, H., Tajalli, H., Salmanov, V. Nonlinear light absorption in GaSe crystals at the fundamental absorption edge 115985

Kalafi, M. *see* Bidadi, H. 114609

Kalafi, M.A. *see* Kasimov, R.M. 76407

Kalafus, K. *see* Anvari, B. 101410

Kalagin, A.K. *see* Zhuravlev, K.S. 113357

Kalaignan, G.Paruthimal *see* Paruthimal Kalaignan, G.

Kalaitzakis, K. *see* Malamos, A.G. 71513

Kalal, M. *see* Rus, B. 116314

Kalam, A. *see* Chen, Z. 81134

Kalam, A. *see* Gondal, I. 109325

Kalam, A. *see* Goodridge, A.R. 81328

Kalam, A. *see* Wong, S.K. 81133

Kalamatianos, C. *see* Cottis, P.G. 97041

Kalampoukas, L., Varma, A., Ramakrishnan, K.K. Dynamics of an explicit rate allocation algorithm for ATM networks 108779

Kalanidhi, A. *see* Muralidharan, E. 120255

Kalantari, B., Kalantari, I. High order iterative methods for approximating square roots 60975

Kalantari, I. *see* Kalantari, B. 60975

Kalas, J. The algorithm of the simulated annealing and its application in one optimization problem 92532

Kalashnikov, A.A. *see* Bulkin, A.E. 102452

Kalashnikov, A.N., Lepikh, Y.I., Litvinov, V.F., Nazarenko, A.F. Comparative analysis of AFR of the Butterworth LC-filters and AFR of the SAW-filters with regard to technological factors 114058

Kalashnikov, S. *see* Poorman, T.J. 89126

Kalashnikov, V.A. *see* Vasil'yev, E.N. 76385

Kalashnikov, V.L., Kalosha, V.P., Poloiko, I.G., Mikhailov, V.P. Mechanism of formation of frequency-shifted ultrashort pulses in solid-state lasers 116428

Kalashnikov, V.L. *see* Poloyko, I.G. 96223

Kalashnikov, V.V., Moisseev, V.I., Petrenko, V.V. Tomographic method of experimental research of particle distribution in phase space 100576

Kalashnikova, N.N. *see* Golovkin, S.V. 80125

Kalastirsky, I. *see* Ranaweera, J. 73338

Kalathur, R., Bassiouni, M.A. Forward error correction with buffer management in multimedia ATM networks 67928

Kalavade, P.P. *see* Chumber, H.K. 106176

Kalayci, Y., Tempel, R., Hopf, B., Borkes, J.J., Grundler, R., Wolff, I. Miniaturising of K-band coplanar MMIC-amplifiers by using lumped elements 62331

Kalayci, Y. *see* David, G. 62360

Kalb, M. *see* Johnson, D.R. 112809

Kalbeck, A. *see* Huber, W.M. 79396

Kalberer, A., Krause, M. A review of experience with MicroCast Pelton wheels [hydroelectric turbines] 71163

Kalberkamp, U. *see* Zhang, Y. 64553

Kalbfleisch, G.R. *see* Smith, E.H. 69760

Kalbitzer, S., Wilbertz, C., Miller, T., Knoblauch, A. Ion beam modification for submicron technology 94681

Kalbitzer, S. *see* Hartmann, B. 100753

Kalbreier, W. *see* Balhan, B. 79967

Kalburge, A. *see* Xie, Q. 85521

Kalceff, M.A.Stevens *see* Stevens Kalceff, M.A.

Kalch, G.K. *see* Siala, M. 66317

Kalcher, J., Flotzinger, D., Neuper, Ch., Golly, S., Pfurtscheller, G. Graz brain-computer interface II: towards communication between humans and computers based on online classification of three different EEG patterns 120535

Kalchev, I.D. Metrological analysis of measurement errors in instrument transducers 119603

Kaldewei, R. *see* Berroth, M. 80846

Kaldis, E. *see* Lang, H.P. 63339

Kale, I., Mackenzie, J.P., Laakso, T.I. Motor car acoustic response modelling and order reduction via balanced model truncation 66853

Kale, I., Morling, R.C.S. An integrated sigma-delta codec for mobile telephone applications 99148

Kale, I. *see* Krukowski, A. 86200
Kale, I. *see* Mackenzie, J.P. 93581
Kale, K.S. *see* Jenkins, A.P. 62162
Kale, S.S. *see* Jadhav, U.S. 116205
Kalea, M. *see* Hebel, Z. 111553
Kalee Prasad, P., Narain, J. Improved lift-off techniques for thick aluminium metallization 105744
Kalef-Ezra, J.A. Risk factors in spinal bone mineral densitometry 120576
Kaleh, G.K. Frequency-diversity spread-spectrum communication system to counter bandlimited Gaussian interference 88113
Kaleh, G.K. *see* Klein, A. 67552
Kaleh, G.K. *see* Papproth, E. 68270
Kaleh, G.K. *see* Papproth, E. 88366
Kaleh, G.K. *see* Siala, M. 66322
Kaleh, G.K. *see* Siala, M. 66476
Kaleh, G.Kawas *see* Kawas Kaleh, G.
Kalejs, J.P. Thin EFG octagons [solar cell materials] 112385
Kalelkar, M. *see* Abe, K. 69708
Kalelkar, M. *see* Abe, K. 69726
Kalem, S., Curtis, A., Hartmann, Q.J., Thomas, S., Turnbull, D., Chuang, H., Bishop, S.G., Stillman, G.E. Defect suppression from the compound semiconductor heterointerfaces 105236
Kalender, W.A. *see* Ge Wang 101432
Kalenderli, O. *see* Yilmaz, G. 81093
Kalenik, S.T., Kozyrev, G.I., Shklyar, S.V. Synthesis of an inverse filtering operator for recovering the input signals of measuring instruments 66764
Kalenkov, S.G. *see* Vlasov, N.G. 67402
Kalfa, W. *see* Vogel, R. 109204
Kalfas, C. *see* Tiunov, A.V. 90026
Kalghatgi, R.S. *see* Rajawat, R.K. 76452
Kalia, V.C. *see* Jain, S.R. 111720
Kaliaguine, V., Ronveaux, A. On an system of "classical" polynomials of simultaneous orthogonality 60968
Kalidas, N. *see* Murtuza, M. 61929
Kalikhov, A.V. *see* Elliott, S.R. 80104
Kalikiri, V.K. *see* Garrick, N.W. 77123
Kalimov, A., Vaznov, S., Voronina, T. Eddy current calculation using finite element method with boundary conditions of integral type 107786
Kalimov, A.G., Svedentsov, M.L. Three-dimensional magnetostatic field calculation using integro-differential equation for scalar potential 65725
Kalimov, A.G., Vaznov, S.A., Svedentsov, M.L. Calculation of high-frequency electromagnetic fields in the presence of conducting objects 107727
Kalina, A. *see* Bjorge, R.W. 81332
Kalinchik, W.P., Backmann, C., Prachownik, A.W., Ekel, L.Ya. Control of the electrical load of industrial operations 71933
Kalinichenko, N.N. *see* Falkovich, I.S. 66067
Kalinichenko, Yu.V., Pikus, G.Ya. Effect of vacuum annealing on a composition and electrical properties of ZnTe and $Cd_xZn_{1-x}Te$ 105141
Kalinin, A.A. *see* Aleshin, A.N. 94661
Kalinin, A.V., Kalinina, E.E. Investigation of mirror antenna temperature deformation induced by the solar action 66085
Kalinin, A.V., Kislyakov, G.A., Beagon, V.S., Poperechenko, B.A., Gorbatov, P. Radioholographic adjustment of the 64-meter radiotelescope TNA-1500 68821
Kalinin, S.V., Kashnikov, B.P., Smirnov, G.I. On fractal modeling of the photoconductivity of polycrystalline films 64898
Kalinin, V.A., Nauwelaers, B.K.J.C. Free space dyadic Green's function applied to the full-wave numerical analysis of planar transmission lines and dielectric waveguides 107980
Kalinin, V.P. *see* Bogdanov, M.P. 107621
Kalinin, V.P. *see* Kuprenyuk, V.I. 116335
Kalinin, Y.A. *see* Baryshnikov, F.F. 116578
Kalinina, E.E. *see* Kalinin, A.V. 66085
Kalinina, E.V., Kuznetsov, N.I., Dmitriev, V.A., Irvine, K.G., Carter, C.H., Jr. Schottky barriers on n-GaN grown on SiC 74474
Kalinina, E.V. *see* Dmitriev, V.A. 115144
Kalinka, G. *see* Lakatos, T. 120225
Kalinkin, A.A. *see* Ivannikov, V.P. 119549
Kalinovskaya, N.I. *see* El'yach, S.L. 89611
Kalinovsky, A. *see* Lindaas, S. 116755
Kalinowski, J., Di Marco, P., Camaioni, N., Fattori, V., Stampor, W., Duff, J. Injection-controlled and volume-controlled electroluminescence in organic light-emitting diodes 75751
Kalinowski, J., Giro, G., Camaioni, N., Fattori, V., Di Marco, P. Photoconduction in solid films of C_{60} 64900
Kalintsev, A. *see* Krylov, V. 96228
Kalinushkin, V.P. *see* Astaf'ev, O.V. 62694
Kaliski, B.S., Jr. *see* Kaya Koc, C. 76709
Kalisky, Y., Ben-Amar Baranga, A., Shimony, Y., Burshtein, Z., Pollack, S.A., Kokta, M.R. Cr^{4+} doped garnets: their properties as laser materials and non-linear absorbers 96678
Kalisky, Y., Waichman, K., Kamin, S., Chuchem, D. The effect of geometry and preionization conditions on the performance of atmospheric pressure HF chemical laser 107051
Kalisz, A. *see* Feleppa, E.J. 90372
Kalisz, J., Szplet, R., Pelka, R., Poniecki, A. Single-chip interpolating time counter with 200-ps resolution and 43-s range 104586
Kalita, J. *see* Misra, U.K. 80398
Kalite, S. *see* Delahaigue, A. 70516
Kaliteevskaya, N.A., Seisyan, R.P., Smirnov, D.V. The possibility of realizing contact lithography of periodic structures with characteristic dimensions less than the wavelength of actinic radiation 115104
Kaliteevskaya, N.A. *see* Gladysheva, L.G. 115105
Kaliteevski, M.A. *see* Ivchenko, E.L. 65390
Kaliteevskij, N.A., Semenov, V.E., Smirnov, V.E., Vyssotina, N.V. Scientific software for numerical simulation of propagation of laser radiation through atmosphere 116925
Kalitventzeff, B. *see* Kyriakopoulou, D.J. 71145
Kalitventzeff, B. *see* Papalexandri, K.P. 71146
Kalitzova, M. *see* Krastev, V. 94327
Kalitzova, M. *see* Vitali, G. 94658
Kalivas, G.A. *see* Stamatelos, G.M. 99203
Kalkan, M. *see* Tanrikulu, O. 93592
Kalkan, N., Kalomiros, J.A., Hanias, M., Anagnostopoulos, A.N. Optical and photoelectrical properties of the $TlGaS_2$ ternary compound 75695
Kalker, T.A.C.M., Shah, I.A. A group theoretic approach to multidimensional filter banks: theory and applications 76971
Kalkhoran, N.M., Namavar, F., Maruska, H.P. Porous silicon flat panel displays 89255
Kalki, K., Brown, J.K., Blankespoor, S.C., Hasegawa, B.H., Dae, M.W., Chin, M., Stillson, C.A. Myocardial perfusion imaging with a correlated X-ray CT and SPECT system: an animal study 90359
Kalki, K., Brown, J.K., Blankespoor, S.C., Hasegawa, B.H., Dae, M.W., Chin, M., Stillson, C.A. Myocardial perfusion imaging with a correlated X-ray CT and SPECT system: an animal study 101098
Kalki, K. *see* Blankespoor, S.C. 101145
Kalki, K. *see* Brown, J.K. 101175
Kalki, K. *see* Heanue, J.A. 90353
Kalki, K. *see* Heanue, J.A. 101246
Kalki, K. *see* Xiang Wu 80209
Kalla, H. *see* Hille, G. 62436
Kalla, M.K.H. *see* Shrivastava, M.K. 122105
Kalla, P. *see* Gangotri, K.M. 91747
Kalla, S. *see* Al-Zamel, A. 72701
Kalla, S. *see* Chakraborty, J. 120256
Kallakowsky, T. *see* Brueckner, W. 120169
Kallavus, U. *see* Valdna, V. 94352
Kallel, F., Bertrand, M. Tissue elasticity reconstruction using linear perturbation method 80268
Kallen, M.K. *see* Rowlette, J.R., Sr. 85078
Kallergi, M. *see* Qian, W. 80222
Kallfass, T. *see* Glueck, J. 88817
Kallfass, T. *see* Hochholzer, V. 100202
Kallfass, T. *see* Schleupen, K. 83096
Kallfass, T. *see* Straub, D. 84387
Kallinderis, Y. A 3-D finite-volume method for the Navier-Stokes equations with adaptive hybrid grids 72724
Kalliojarvi, K., Astola, J. Roundoff errors in block-floating-point systems 66689
Kalliojarvi, K. *see* Yli-Hietanen, J. 117488
Kallman, J.S. *see* Yang, L. 95697
Kallman, R.R. An optimization algorithm to choose the region of support in a filter whose entries are zero or continuous phase 75665
Kalloff, M.A., Ogden, D. Electronic conversations between middle grade students and preservice/inservice teachers 98618
Kallonen, I. *see* Halin, M. 71061
Kalman, R.F., Silva, E.R., Knapp, D.F. Single-mode array optoelectronic packaging based on actively aligned planar optical waveguides 85345
Kalmanek, C. *see* Gawlick, R. 87493
Kalmbach, G. *see* Mulkens, J. 84276
Kalmykov, A.I. Real-aperture radar (RAR) imaging from space 90747
Kalmykov, A.I., Tsymbal, V.N., Matveev, A.Ya., Gavrilenko, A.S., Igolkin, V.B. The two-frequency multipolarisation L/VHF airborne SAR for subsurface sensing 68634
Kalmykov, I.A. *see* Chervyakov, N.I. 66775
Kalmykov, L., Pilipenko, N., Olko, P., Waligorski, M.P.R. Evaluation of effective dose in environmental dosimetry using humanoid phantoms representing different ages and sex, and LiF:Mg,Ti and LiF:Mg,Cu,P detectors 110994
Kalmykova, S.S., Kramskoi, G.D., Kurilko, V.I. Excitation of an open cavity by a periodically pulsed electron beam 74064
Kalnberzin', A.Ya., Chapenko, V.P. A combined control method for a multifunctional logic module 113901
Kalnins, E.G., Miller, W., Jr. A note on tensor products of q-algebra representations and orthogonal polynomials 72570
Kalnitsky, A., Frijns, R., Mallardeau, C., Daemen, E., Bonis, M., Varrot, M., Basso, M.-T., Penning de Vries, R., Brillouet, M. Suppression of the Vt roll-up effect in sub-micron NMOST 63700
Kalnitsky, A., Hurley, P., Lepert, A., Mallardeau, C., Sheehan, E., Mathewson, A. Phosphorus in the polysilicon $TiSi_2$ system: Dopant redistribution 84231
Kalogeras, A., Stamatis, K., Efstathiou, K., Lyras, P., Zapantes, G., Fountas, P., Koubias, S., Papadopoulos, G. A network management approach for a distributed industrial application and the related implementation 67759
Kalogeras, D. *see* Panagiotidis, N.G. 117594
Kalogirou, O., Psycharis, V., Gjoka, M., Niarchos, D., Fuerst, C.D. Synthesis and magnetic properties of rare earth-iron-chromium phases and their nitrides 64324
Kalomiros, J.A. *see* Kalkan, N. 75695
Kalonji, N., Semo, J., Devaux, F., Tanniou, J., Foucher, M., Saulnier, J. Lossless 1.5 μm coded-pulse generator module based on high-speed electroabsorption modulators 119137
Kalonji, N. *see* Delorme, F. 109313
Kalosha, V.P. *see* Kalashnikov, V.L. 116428
Kalosha, V.P. *see* Poloyko, I.G. 96223
Kalouptsidis, N. *see* Bouras, I. 97844
Kalouptsidis, N. *see* Kofidis, E. 117314
Kalouptsidis, N. *see* Koukoulas, P. 117517
Kalouptsidis, N. *see* Koutroumbas, K. 66558
Kalouti, H. *see* Lazic, D.E. 66365
Kaloyeros, A.E. *see* Braeckelmann, G. 84217
Kalra, P. *see* Beylot, P. 108464
Kals, R. *see* Pucher, H.-J. 112889
Kalsi, S. *see* Calvin, H. 106718
Kalt, H. *see* Langbein, W. 83950
Kaltchev, D., Servranckx, R.V., Craddock, M.K., Joho, W. Lattice studies for a high-brightness light source 89823
Kaltenbacher, E., Hardie, R.C. High resolution infrared image reconstruction using multiple, low resolution, aliased frames 117720
Kaltenbacher, M., Landes, H., Lerch, R. An efficient calculation scheme for the numerical simulation of coupled magnetomechanical systems 101612
Kaltenbacher, M. *see* Kugi, A. 93067
Kaltenbacher, M. *see* Lerch, R. 110101
Kaltsas, G., Travlos, A., Nassiopoulos, A.G., Frangis, N., Van Landuyt, J. High crystalline quality erbium silicide films on (100) silicon, grown in high vacuum 113332
Kaltsas, G., Travlos, A., Salamouras, N., Nassiopoulos, A.G., Revva, P., Traverse, A. Erbium silicide films on (100) silicon, grown in high vacuum. Fabrication and properties 84298
Kaltschmitt, M., Fischedick, M. Wind power and solar energy in the power station network 111856
Kaltwasser, J. *see* Spaniol, O. 118314
Kaluri, S.R., Hess, D.W. Nitrogen incorporation in thin oxides by constant current N_2O plasma anodization of silicon and N_2 plasma nitridation of silicon oxides 94780
Kaluza, E. *see* Kijonka, J. 112431
Kaluzny, A.J. Influence of industrial dust on electric strength of high voltage insulating gaps 70985
Kalvenes, J. *see* LeBlanc, L.J. 109120
Kalvesten, E., Vieider, C., Lofdahl, L., Stemme, G. An integrated pressure-flow sensor for correlation measurements in turbulent gas flows 88976
Kalviainen, H., Hirvonen, P., Oja, E. Houghtool–a software package for the use of the Hough transform 82370
Kalweit, E. *see* Wong, Y.M. 119220
Kalyanakrishnan, S., Anuradha, V.K., Sancheti, N.K. Fractional, integer and mixed mode arithmetic on the Motorola DSP56100 family 93454
Kalyanakrishnan, S. *see* Sancheti, N.K. 93451
Kalyanakrishnan, S. *see* Subramaniyan, R. 86286
Kalyanakrishnan, S. *see* Ubale, A.W. 93403
Kalyanasundaram, P. *see* Thavasimuthu, M. 113565
Kal'yanov, E.V. Bifurcations and chaos in a cascade oscillator with a filter in a delayed feedback loop 73139
Kal'yanov, E.V. Stimulation of chaos in an oscillator with delay by an additional oscillating circuit 104396
Kalyuk, L.L. *see* Gorya, O.S. 74439
Kam, A.C., Kopec, G.E. Document image decoding by heuristic search 117158
Kam, P.Y., Cheong, F.H.K. Improved sequence estimator for MPSK with carrier phase noise 86104
Kam Kwong Man *see* Man Kam Kwong
Kam Pooi Yuen *see* Pooi Yuen Kam
Kam Wa, P.Li *see* Li Kam Wa, P.
Kam-Yin Lau High speed quantum well lasers 107289
Kamach, Yu.E. *see* Gakhovich, D.E. 107491
Kamada, H. *see* Kudo, Y. 69392
Kamada, H. *see* Uno, A. 69390
Kamada, H. *see* Yuasa, T. 70036
Kamada, I. *see* Ikeda, K. 81041
Kamada, K. *see* Fukumi, T. 76236
Kamada, M., Endoh, T., Ichige, K., Toraichi, K. Quadratic spline interpolator 113808
Kamada, M. *see* Kimura, S. 89636
Kamada, M. *see* Ohtsuka, Y. 100362
Kamada, O. Magneto-optical properties of (BiGdY) iron garnets for optical magnetic field sensors 75157
Kamada, S. Experimental techniques and observations of nonlinear dynamics in particle accelerators 120007
Kamada, T. *see* Fujii, S. 69179
Kamada, T. *see* Hasegawa, K. 78271
Kamada, Y. *see* Ninomiya 64569
Kamada, Y. *see* Shimizu, Y. 91413
Kamae, T. *see* Ezawa, H. 80081
Kamae, T. *see* Ezawa, H. 100931
Kamagami, S., Hirota, J., Nakamura, T., Miyake, K., Watanabe, M., Hirai, T., Morita, H., Abe, Y. Large-aperture-ratio TFT-LCD for portable information terminal 89391

Kamagata, E. *see* Sakamoto, T. 119005
Kamagata, E. *see* Serizawa, M. 118572
Kamal, A. *see* Taleb, M. 112108
Kamal, A.E. Efficient solution of multiple server queues with application to the modeling of ATM concentrators 87394
Kamal, A.S. *see* Cheung, J.Y.M. 122001
Kamal, W.A. Improving energy efficiency–the cost-effective way to mitigate global warming 121918
Kamali, B. Some applications of wireless communications in Intelligent Vehicle Highway Systems 118994
Kamali, B. *see* Hamant, B. 119002
Kamalov, V.F. *see* Dianov, E.M. 96139
Kamanin, A.V., Mokina, I.A., Shmidt, N.M. Peculiarities of the initial stage of Zn diffusion into InP from polymer spin-on films 114868
Kamanin, A.V., Mokina, I.A., Shmidt, N.M., Busygina, L.A., Yurre, T.A. Polymer diffusants in III-V semiconductor compounds technology 105557
Kamanina, N.V. Effect of various alignment films on dynamic characteristics of LC spatial light modulators 106884
Kamarad, J., Arnold, Z., Morellon, L., Algarabel, P.A., Ibarra, M.R., Fuerst, C.D. Anomalous compressibility and magnetovolume effects in $Ce_3(FeTi)_{29}$ 64246
Kamaraj, K., Hiregange, A. Implementation of V.32 encoder and decoder on the Motorola DSP56100 family 88002
Kamaraj, K., Ubale, A.W. FIR and IIR routines for the Motorola DSP56100 family 86289
Kamarei, M. *see* Chaldavi, A. 116944
Kamarinos, G. *see* Minondo, M. 83912
Kamarsu, S., Card, H.C. Neural code-excited linear prediction for low power speech compression 76861
Kamat, H.V. *see* Rao, D.H. 112473
Kamat, S., Wei Zhao An efficient optimal reconfiguration algorithm for FDDI-based networks 67782
Kamat, S. *see* Raha, A. 87723
Kamat, V., Krishnan, A. Detection of obstructed lane markers for an autonomous vehicle 97912
Kamata, H. *see* Chubachi, N. 120924
Kamata, H. *see* Sugano, F. 97594
Kamata, H. *see* Wakiwaka, H. 70554
Kamata, I. *see* Nakada, S. 102306
Kamata, K. *see* Ikesue, A. 107218
Kamata, M., Esaka, T., Fujine, S., Yoneda, K., Kanda, K. Application of NR for research in electrochemical systems 110311
Kamata, M., Ngamsritragul, P. Spectrum analysis by autoregressive methods (performance on application to stationary signals) 86235
Kamata, T., Arimoto, H. Charge build-up in Si-processing plasma caused by electron shading effect 105627
Kamata, T., Fukaya, T., Kodzasa, T., Matsuda, H., Mizukami, F. Alloying of linear metal chains in the one-dimensional metal complexes and their THG property 76170
Kamata, T., Fukaya, T., Kodzasa, T., Matsuda, H., Mizukami, F., Tachiya, M., Ishikawa, R., Uchida, T., Yamazaki, Y. Third harmonic generation measurements on evaporated thin films of coordination compounds 76225
Kamata, T., Kambayashi, H., Kubota, S., Fukaya, T., Matsuda, H., Mizukami, F., Uchida, T. The properties of chlorine treated one-dimensional metal complexes 85632
Kamata, T. *see* Arimoto, H. 94794
Kamata, T. *see* Van Keuren, E. 85637
Kamatani, H., Watabe, K., Onoda, M., Nakayama, H. Influence of exterior corona on discharge voltage of small gap in SF_6 gas under pulse voltage 114498
Kamatani, K. *see* Liu, A. 107140
Kamatani, M. *see* Ihara, S. 65017
Kamatani, O., Kawanishi, S. Add/drop operation for 100 Gbit/s optical signal based on optical wavelength conversion by four-wave mixing 68373
Kamatani, O., Kawanishi, S. Prescaled timing extraction from 400 Gb/s optical signal using a phase lock loop based on four-wave-mixing in a laser diode amplifier 85714
Kamatani, O., Kawanishi, S. Ultrahigh-speed clock recovery with phase lock loop based on four-wave mixing in a traveling-wave laser diode amplifier 96373
Kamatani, O. *see* Kawanishi, S. 68376
Kamatani, O. *see* Kawanishi, S. 88647
Kamatani, O. *see* Morioka, T. 68369
Kamatani, O. *see* Morioka, T. 88644
Kamatani, Y., Ohba, Y., Shimojo, Y., Ise, K., Motoyama, M., Saito, T. VLSI-oriented input and output buffered switch architecture for high-speed ATM backbone nodes 78290
Kamatani, Y. *see* Unekawa, Y. 78296
Kamath, G., Mohan, N., Albertson, V.D. A transformer-coupled active filter for 3-phase, 4-wire systems 91145
Kamath, G. *see* Chaar, L. 112128
Kamath, G.M., Wereley, N.M. System identification of ER fluid dampers using a nonlinear mechanisms-based model 113559
Kamath, G.R., Mohan, N., Undeland, T.M. Non-dissipative Undeland snubber for electric vehicle drive inverters using GaAs anti-parallel diodes 112581
Kamath, K., Bhattacharya, P., Sosnowski, T., Norris, T., Phillips, J. Room-temperature operation of $In_{0.4}Ga_{0.6}As$/GaAs self-organised quantum dot lasers 96266
Kamath, K., Phillips, J., Singh, J., Bhattacharya, P. Large blueshift in the photoluminescence of pseudomorphic InGaAs/GaAs quantum wells grown in patterned (100) GaAs grooves and ridges with vertical sidewalls 83962
Kamath, S.M. Application of fracture mechanics in high performance packaging 114490
Kambale, P., Mackauer, J.J. The dispatcher training simulator for Metropolitan Edison Company 70727
Kambas, K. *see* Trifonova, E. 82584
Kambas, K. *see* Trifonova, E.P. 92675
Kambayashi, H. *see* Kamata, T. 85632
Kambayashi, N. *see* Iwahashi, M. 97476
Kambayashi, T., Nakasendou, K. Analysis of a novel intersection waveguide-type optical polarization splitter using birefringence of GaInAsP-InP superlattice 95769
Kambayashi, T. *see* Takaya, H. 116502
Kambayasi, N. *see* Iwahashi, M. 98302
Kambe, T. *see* Fujimoto, T. 88878
Kambe, T. *see* Sugita, Y. 75080
Kambe, T. *see* Tomita, T. 73211
Kambe, Y., Himezawa, H., Takada, K., Nishikawa, M. Body-position detectors for consumer appliances 79397
Kamber, I. *see* Bossart, R. 89668
Kambhamettu, C. *see* Palaniappan, K. 80637
Kambhammettu, N. *see* Moore, R.K. 120806
Kamburyan, A.F. *see* Aleev, A.N. 120186
Kameari, A. Convergence of ICCG method in FEM using edge elements without gauge condition 107700
Kameda, H., Nomoto, K., Kosuge, Y., Kondo, M. Target tracking algorithm in radar reference coordinates using full-coupled filters 88665
Kameda, H. *see* Kosuge, Y. 99613
Kameda, H. *see* Nomoto, K. 68754
Kameda, H. *see* Tachibana, Y. 83214
Kameda, T., Ting, J., Fracchia, D. A guaranteed-rate channel allocation scheme and its application to delivery-on-demand of continuous media data 118092
Kameda, T. *see* Nagamochi, H. 82433
Kameda, T. *see* Yamashita, M. 78083
Kamei, H. *see* Tabuchi, M. 61203
Kamei, H. *see* Tweet, D.J. 61222
Kamei, K., Maehara, Y. Magnetic properties and microstructure of electrodeposited Fe-P amorphous alloy 84790
Kamei, K. *see* Komatsu, S. 113516
Kamei, M. *see* Sasaki, H. 73410
Kamei, M. *see* Shimizu, Y. 104568
Kamei, M. *see* Taga, N. 94374
Kamei, T., Hata, N., Matsuda, A. A study of surface reactions during the growth of B-doped a-Si:H using the intermittent deposition technique 92885
Kamei, T. *see* Kondo, H. 106610
Kamei, T. *see* Seto, J. 85042
Kamekura, R. *see* Ito, N. 97880
Kamel, I., Barbara, D. Retrieving electronic ink by content 108603
Kamel, I. *see* Yuh-Lin Chang 99793
Kamel, N. Estimation of frequencies of multiple sinusoids 117466
Kamel, R.E., Bar-Ness, Y. Reduced-complexity sequence estimation using state partitioning 108748
Kamemaru, S. *see* Tanaka, K. 67052
Kamemaru, S.-I., Tanaka, K., Nakazawa, M. Universal pattern recognition by matched filters synthesized by primitive patterns and by the algorithm for uniquely selecting the optimum reference patterns 77193
Kamemura, A. *see* Okada, Y. 68253
Kamen, E.W. *see* Bellaire, R.L. 108298
Kamen, E.W. *see* Romine, J.B. 67381
Kamenetskii, E.O. Mode interactions in chirowaveguides 85054
Kamenev, A. *see* Berk, Y. 105359
Kamenev, O.T. *see* Kulchin, Yu.N. 85179
Kamenev, O.T. *see* Vitrik, O.B. 89128
Kamenev, O.T. *see* Vitrik, O.B. 110189
Kamenin, I.G., Kadushnikov, R.M., Alievskii, V.M., Grokhovskii, V.I., Efremov, S.A. Automatic procedures for analyzing metallographic images meeting standard requirements 67173
Kamenitsa, D. *see* Tian, S. 94694
Kamenov, V. *see* Dreischuh, A. 119148
Kamenova, M. *see* Dimova-Malinovska, D. 94307
Kamensky, V., Gelikonov, V., Gelikonov, G., Pravdenko, K., Bityurin, N., Sergeev, A., Feldchtein, F., Churbanov, M., Pushkin, A., Skripachev, I. YAG:Er laser system for eye microsurgery with OCT monitoring 120511
Kameoka, Y. *see* Toyoda, T. 74799
Kamerman, G.W. Laser radar signals the civilian sector 68703
Kameshima, Y. *see* Fettweis, G. 109283
Kameya, N. *see* Uchibori, C.J. 63115
Kameyama, A., Massengale, A., Dai, C., Harris, J.S., Jr. Aluminum-graded-base PNp AlGaAs-GaAs heterojunction transistor with 37 GHz cut-off frequency 62289
Kameyama, A. *see* Kawakyu, K. 88240
Kameyama, H. *see* Morimoto, S. 91781
Kameyama, H. *see* Morimoto, S. 103082
Kameyama, H. *see* Takashi, S. 119558
Kameyama, K., Yano, H. Series 500 SHINKANSEN EMU train 122037
Kameyama, K. *see* Ogawa, T. 66860
Kameyama, M. *see* Hanyu, T. 73396
Kameyama, M. *see* Hanyu, T. 73399
Kameyama, M. *see* Maekawa, T. 111475
Kameyama, M. *see* Nakajima, M. 73317
Kameyama, M. *see* Parhami, B. 61855
Kameyama, T. *see* Ogawa, K. 68841
Kameyama, Y. *see* Niinomi, T. 105771
Kamf, A. *see* Sundberg, R. 114400
Kami, Y., Kimura, M. Coupling of a transient near field to a transmission line 65921
Kamide, H. *see* Inazaki, K. 109653
Kamienski, E.Stein von *see* Stein von Kamienski, E.
Kamifurutono, H. *see* Uezato, K. 71340
Kamigaito, O. *see* Nakagawa, T. 100786
Kamigaito, O. *see* Yosoi, M. 120231
Kamigaki, Y., Nara, T., Machida, S., Kanai, T. Broadband switching system for public network 98855
Kamigaki, Y., Nara, T., Machida, S., Kanai, T. An ATM switching system for broadband network 118724
Kamigaki, Y., Yokogawa, K., Hashimoto, T., Uemura, T. Paramagnetic defect spin centers in low-pressure chemical-vapor-deposited silicon-dioxide films 114823
Kamiguchi, Y., Saito, K., Iwasaki, H., Sahashi, M., Ouse, M., Nakamura, S. Giant magnetoresistance and soft magnetic properties of $Co_{90}Fe_{10}$/Cu spin-valve structures 84812
Kamihashi, S. *see* Takasu, H. 93840
Kamijo, A. *see* Matsukura, N. 84731
Kamijo, H. *see* Kimura, H. 84898
Kamijo, H. *see* Nemoto, K. 91866
Kamijo, M., Nakazawa, M., Shimizu, Y. Identification of complicated shape objects by fractal characteristic variables–categorizing dust particles on LSI wafer surface 77493
Kamijo, S. *see* Ohashi, T. 99891
Kamijoh, T. *see* Katoh, Y. 65233
Kamijoh, T. *see* Okayama, H. 78882
Kamijoh, T. *see* Okayama, H. 85166
Kamijoh, T. *see* Sasaki, H. 85338
Kamijoh, T. *see* Takamori, T. 94493
Kamijoh, T. *see* Wada, H. 65293
Kamijoh, T. *see* Xu, C.Q. 116677
Kamijyou, K. *see* Shinohara, K. 121183
Kamikubo, H. *see* Kishida, H. 114495
Kamimoto, K., Yamada, S., Murai, Y. Characteristics of PWM inverter-fed induction motor in consideration of saturation 91518
Kamimura, J. *see* Kinugasa, T. 109933
Kamimura, K., Ito, H., Ito, S., Tahara, N. Preparation of SnO_2 thin films by DC magnetron sputtering 72876
Kamimura, K., Kanai, H., Chubachi, N. Design of optimum FIR filter for highly accurate weight-measurement 80696
Kamimura, K., Kuroda, T., Ogawa, T., Nakao, M., Onurna, Y., Todoroki, S. Oxidation of polycrystalline SiC films 105720
Kamimura, K., Miwa, T., Sugiyama, T., Ogawa, T., Nakao, M., Onuma, Y. Preparation of polycrystalline SiC thin films and its application to resistive sensors 104167
Kamimura, K. *see* Kobayashi, J. 104162
Kamimura, K. *see* Yonekubo, S. 104163
Kamimura, K. *see* Yonekubo, S. 114593
Kamimura, N. *see* Ogawa, T. 83411
Kamimura, N. *see* Ogawa, T. 114324
Kamimura, S. *see* Ishiguro, H. 75416
Kamimura, T. *see* Yoshida, K. 107460
Kamimura, Y. *see* Noguchi, K. 68231
Kamimura, Y.-T. *see* Noguchi, K. 117024
Kamin, S. *see* Kalisky, Y. 107051
Kaminade, T. *see* Mukai, J. 85116
Kaminaga, A. *see* Kikuchi, M. 106704
Kaminaga, H. *see* Bahadur Bista, B. 87443
Kaminaga, H. *see* Go, K. 87440
Kaminaga, K., Ichihara, M., Jinno, M., Fujii, O., Fukunaga, S., Kobayashi, M., Watanabe, K. Development of 500-kV XLPE cables and accessories for long-distance underground transmission lines. V. Long-term performance for 500-kV XLPE cables and joints 102160
Kaminer, I.I. *see* Niewoehner, R.J. 80741
Kaminishi, K. *see* Hasegawa, T. 120234
Kaminishi, K. *see* Umeda, T. 73518
Kaminomura, H., Sekine, M., Miyazawa, K. OCLINK station 67829
Kaminow, I.P., Doerr, C.R., Dragone, C., Koch, T., Koren, U., Saleh, A.A.M., Kirby, A.J., Ozveren, C.M., Schofield, B., Thomas, R.E., Barry, R.A., Castagnozzi, D.M., Chan, V.W.S., Hemenway, B.R., Jr, Marquis, D., Parikh, S.A., Stevens, M.L., Swanson, E.A., Finn, S.G., Gallager, R.G. A wideband all-optical WDM network 77942
Kaminow, I.P. *see* Glance, B. 78854
Kaminow, I.P. *see* Hemenway, B.R.· 68523
Kamins, T. *see* Tang, Z.R. 63602
Kaminska, A. *see* Sikora, R. 69438
Kaminska, B. *see* Aourid, M. 60888
Kaminska, B. *see* Arabi, K. 104717
Kaminska, B. *see* Boubezari, S. 83091

Kaminska, B. *see* Ehsanian, M. 104364
Kaminska, B. *see* Ehsanian, M. 104375
Kaminska, B. *see* Ehsanian, M. 104624
Kaminska, B. *see* Fares, M. 73914
Kaminska, B. *see* Rayapati, V.N. 95183
Kaminska, B. *see* Rzeszut, J. 62058
Kaminska, B. *see* Sokolowska, E. 109306
Kaminska, B. *see* Soufi, M. 104489
Kaminska, M. *see* Dwilinski, R. 92943
Kaminska, M. *see* Krotkus, A. 74250
Kaminska, M. *see* Tan, H.H. 64993
Kaminski, D. *see* Sablik, M.J. 115845
Kaminskii, A.A. Several selected results in crystal-line-laser development 65145
Kaminskii, A.A., Bagaev, S.N., Grebe, D., Eichler, H.-J., Pavlyuk, A.A., Kuznetsov, F.A., Macdonald, R. Efficient multifrequency generation of Stokes and anti-Stokes modes by stimulated Raman scattering in $Gd_2(MoO_4)_3$ orthorhombic crystals 96190
Kaminskii, A.A., Butashin, A.V., Bagaev, S.N. New Nd^{3+}:$BaLu_2F_8$ laser crystal 116448
Kaminskii, A.A., Nishioka, H., Ueda, K., Odajima, W., Tateno, M., Sasaki, K., Butashin, A.V. Second-harmonic generation with Cherenkov-type phase matching in a bulk nonlinear $LaBGeO_5$ crystal 76154
Kaminskii, A.A., Ueda, K., Bagaev, S.N., Pavlyuk, A.A., Song, J., Nishioka, H., Uehara, N., Musha, M. Orthorhombic gadolinium molybdate a new nonlinear crystal for frequency doubling of 1 μm CW laser radiation 76153
Kaminskii, V.V. *see* Vasil'ev, L.N. 62774
Kaminskii, V.Yu. *see* Surdu, M.N. 100179
Kaminskiy, H. *see* Modarres, M. 81260
Kaminsky, A.A. *see* Kaminsky, A.K. 96513
Kaminsky, A.K., Kaminsky, A.A., Sarantsev, V.P., Sedykh, S.N., Sergeev, A.P., Ginzburg, N.S., Peskov, N.Yu., Sergeev, A.S., Bogachenkov, V.A. High efficiency FEL-oscillator with Bragg resonator operated in the reversed guide field regime 96513
Kaminsky, A.N. *see* Andriyanchik, A.A. 65853
Kamio, T., Ninomiya, H., Asai, H. Design and implementation of neuro-based discrete Walsh transform processor 108286
Kamio, T. *see* Ninomiya, H. 104448
Kamio, Y. Performance of limited-state sequence estimation under land mobile frequency-selective fading channels 99369
Kamio, Y., Hamaguchi, K., Sasaoka, H., Sampei, S., Morinaga, N. Adaptive-modulation/SFH/TDMA system for high quality and high capacity microcellular systems 118993
Kamio, Y., Sampei, S., Feher, K. High-bit-rate TDMA/TDD system using multi-pilot symbol aided multipath fading compensation for microcellular systems 68236
Kamio, Y., Sampei, S., Feher, K. Performance of multipilot symbol-aided multipath fading compensation 99087
Kamio, Y. *see* Matsuoka, H. 68183
Kamio, Y. *see* Matsuoka, H. 108183
Kamio, Y. *see* Moriyama, E. 68118
Kamioka, I., Nakamura, K.G., Kawabe, T., Kitajima, M. Initial plasma oxidation kinetics of silicon: DC bias effects 114981
Kamioka, N. *see* Tsuneoka, M. 73843
Kamisaka, W. *see* Sano, Y. 69282
Kamisaka, W. *see* Tsukamoto, A. 110214
Kamisako, K. *see* Nagayoshi, H. 63268
Kamisako, K. *see* Nagayoshi, H. 105621
Kamise, C. *see* Hirono, J. 119362
Kamishima, K. *see* Nashima, O. 64243
Kamitake, T. *see* Shobatake, Y. 67538
Kamitani, A., Mochizuki, T., Yokono, T., Mizuochi, G., Ohshima, S. Numerical analysis on magnetic shielding effects of overlapped superconducting plates by combination of FEM and BEM 84883
Kamitani, A. *see* Mizuochi, G. 84884
Kamitani, K. *see* Yamamura, T. 81826
Kamitani, T. *see* Hayakawa, K. 96456
Kamitiska, E. *see* Jaroszynski, J. 105421
Kamiura, N., Hata, Y., Yamato, K. A cellular array designed from a Multiple-valued Decision Diagram and its fault tests 61829
Kamiura, Y. *see* Mizokawa, Y. 105580
Kamiura, Y. *see* Ying, W.B. 105542
Kamiya, A. *see* Shimizu-Iwayama, T. 94265
Kamiya, A. *see* Shimizu-Iwayama, T. 94663
Kamiya, E. *see* Atsumi, S. 73349
Kamiya, I., Watanabe, T., Hikami, T., Sugimura, T., Murata, M., Negami, S., Nishikawa, S., Tabara, M. Development of an optical transmission system utilizing external polarization modulation 119162
Kamiya, K. *see* Mizoshiri, I. 90304
Kamiya, K. *see* Murai, Y. 121580
Kamiya, M., Ikeda, H. New type of optical WDM signal transmission system and its application 68424
Kamiya, M., Ikeda, H. Dual signal transmission utilizing optical WDM consisting of an LED assembly and a color sensor assembly and its application to vibration measurement 100077
Kamiya, M. *see* Amano, K. 89300
Kamiya, M. *see* Ikeda, H. 100804
Kamiya, M. *see* Saitoh, Y. 80027
Kamiya, M. *see* Saitoh, Y. 100838
Kamiya, M. *see* Tsuboyama, T. 100836
Kamiya, N. *see* Kaneko, S. 92952
Kamiya, N. *see* Kita, E. 61094
Kamiya, T. Photonic devices for information optics 85174
Kamiya, T. Calculation of crystal structures, dielectric constants and piezoelectric properties of wurtzite-type crystals using ab-initio periodic Hartree-Fock method 106327
Kamiya, T., Kimura, M., Tanaka, A., Sukegawa, T. Lattice compensation in LPE-grown GaAs crystals by simultaneous Te and Si doping 113305
Kamiya, T. *see* Akasaka, Y. 78819
Kamiya, T. *see* Hoshida, T. 96388
Kamiya, T. *see* Hoshida, T. 116525
Kamiya, T. *see* Klaus, W. 85130
Kamiya, T. *see* Nashiyama, I. 111032
Kamiya, T. *see* Ohya, Y. 87240
Kamiya, T. *see* Schell, M. 76000
Kamiya, T. *see* Schell, M. 85534
Kamiya, T. *see* Thapliya, R. 87246
Kamiya, T. *see* Tsuchiya, M. 107256
Kamiya, T. *see* Uchiyama, Y. 75917
Kamiya, Y., Onuki, T. 3D eddy current analysis by the finite element method using double nodes technique 65684
Kamiya, Y. *see* Koseki, T. 100683
Kamiya, Y. *see* Nagatsuka, T. 89810
Kamiya, Y. *see* Nagatsuka, T. 100662
Kamiya, Y. *see* Onuki, T. 91557
Kamiya, Y. *see* Takaki, H. 79773
Kamiyama, N., Tode, H., Yamamoto, M., Okada, H. A quantitative evaluation for the introduction of quasi-synchronous transfer mode method on the asynchronous transfer mode network 118161
Kamiyama, N., Tode, H., Yamamoto, M., Okada, H., Ikeda, H. Performance evaluation on applicability of Q-STM method to the ATM network 78117
Kamiyama, S. *see* Adachi, H. 65234
Kamiyama, S. *see* Suzuki, H. 61888
Kamiyama, S. *see* Suzuki, M. 107338
Kamizono, T. *see* Tomitani, H. 100255
Kamlet, L.I. *see* Benson, T.E. 94750
Kamman, A.B. Hong Kong after 1997: the effect on telecommunications services 87540
Kammer, H. *see* Glasow, A.V. 115032
Kammer, H. *see* Papp, A. 60585
Kammer, H. *see* Papp, A. 113043
Kammer, S. *see* Hosaka, S. 75405
Kammer, S. *see* Shintani, T. 95663
Kammermann, M. *see* Eversheim, P.D. 120080
Kammeyer, K.D. *see* Boltze, T. 76332
Kamminga, C., Cohen Stuart, A.B. Wave shape estimation of delphinid sonar signals, a parametric model approach 109815
Kammlott, G.W. *see* Chen, H.S. 74619
Kammlott, G.W. *see* McCormack, M. 104944
Kamo, H. *see* Tani, T. 112057
Kamo, N. *see* Kurosawa, S. 79575
Kamogawa, K., Tokumitsu, T., Aikawa, M. Injection-locked oscillator chain: a possible solution to millimeter-wave MMIC synthesizers 83493
Kamogawa, K., Tokumitsu, T., Aikawa, M. A novel microstrip antenna using alumina-ceramic/polyimide multilayer dielectric substrate 85981
Kamogawa, K. *see* Tokumitsu, T. 83434
Kamoi, H. *see* Sakata, Y. 78404
Kamon, K., Nakae, A., Hanawa, T., Miyazaki, J. Development of super-resolution technology for the photolithography process 84266
Kamon, M., Majors, S.S. Package and interconnect modeling of the HFA3624, a 2.4 GHz RF to IF converter 83529
Kamon, M. *see* Miguel Silveira, L. 60605
Kamont, Z. *see* Bainov, D.D. 72647
Kamoshida, I. *see* Murayama, A. 104570
Kamoto, T., Adachi, N., Yamashita, K. High-speed multi-modulus prescaler IC 61868
Kamoun, M. *see* Bouadma, N. 96399
Kamoun, M.B.A. *see* Djemel, M. 81423
Kamoun, M.B.A. *see* Masmoudi, A. 91486
Kamoutsis, P., Rajanathan, C.B. A digitally controlled real-time rotor resistance speed controller for a 3-phase slip ring induction motor 102690
Kamozaki, K., Tanaka, S., Hase, E., Nakajima, A., Fujioka, T., Sugano, K., Imakado, Y., Fujiwara, K., Okamoto, T., Sato, K., Shigeno, Y., Arai, I., Yamane, M., Kondoh, H. A GaAs MMIC chip set for 1.9 GHz Japanese personal handy phone system 67977
Kamp, M.M.J.L.van de *see* van de Kamp, M.M.J.L.
Kampen, M.van *see* van Kampen, M.
Kamper, M.J., Van der Merwe, F.S., Williamson, S. Direct finite element design optimisation of the cageless reluctance synchronous machine 111930
Kamper, M.J. *see* Zhao, J. 102633
Kampert, K.H. *see* Peitzmann, T. 100814
Kampf, J.P., Sides, P.J., Spratt, G.W.D. Investigation of the archivability of metal evaporated tape 64432
Kampfer, N. *see* Jost, H. 90811
Kampfert, M. *see* Reichelt, G.E. 94079
Kamphuis, C., Beekman, F.J., Viergever, M.A. Evaluation of OS-EM vs. ML-EM for 1D, 2D and fully 3D SPECT reconstruction 90361
Kamphuis, C., Beekman, F.J., Viergever, M.A. Accelerated SPECT reconstruction using OS-EM with only two projections per subset 101159
Kamphuis, C. *see* Beekman, F.J. 101162
Kamphuis, C. *see* Beekman, F.J. 101191
Kampke, T. Lower probabilities and function representation 72443
Kamra, K., Singh, K. Photorefractive half-adder: beam-fanning for optical generation of 'SUM' and 'CARRY' 106904
Kamra, K. *see* Kumar, A. 69503
Kamra, S. *see* Chou, H.C. 112404
Kamra, S. *see* Rohatgi, A. 102980
Kamra, S. *see* Rohatgi, A. 112346
Kamra, S. *see* Rohatgi, A. 112365
Kamran, F., Harley, R.G., Burton, B., Habetler, T.G. An on-line trained neural network with an adaptive learning rate for a wide range of power electronic applications 113749
Kamshilin, A.A., Raita, E., Jaaskelainen, T. Photorefractive surface waves in $Bi_{12}TiO_{20}$ fibers 85723
Kamshilin, A.A., Raita, E., Prokofiev, V.V., Jaaskelainen, T. Phase conjugation in photorefractive fibers 116691
Kamshilin, A.A. *see* Khomenko, A.V. 96650
Kamshilin, A.A. *see* Khomenko, A.V. 119691
Kamshilin, A.A. *see* Onodera, R. 85724
Kamura, Y. *see* Iizawa, J. 87883
Kamuz, A.M., Dets, O.V., Dets, S.M., Oleksenko, P.F. Influence of geometrical parameters of semiconductor A^2B^6 platelet microlasers on their generation spectra 107259
Kamwa, I., Grondin, R., Sood, V.K., Gagnon, C., Van Thich Nguyen, Mereb, J. Recurrent neural networks for phasor detection and adaptive identification in power system control and protection 70703
Kamwa, I. *see* Simo, J.B. 70722
Kamwa, I. *see* Simo, J.B. 101964
Kamyshin, V.V. *see* Anischenko, S.E. 115954
Kamzin, A.S. *see* Ol'khovik, L.P. 84805
Kamzolov, S.K., Kouznetsov, V.L. A spectral domain method for multiple scattering in transition layer of two-scale random surface 97083
Kan, D., Gar Lam Yip Planar $LiTaO_3$ waveguides fabricated by proton exchange in concentrated and diluted pyrophosphoric acid with annealing 106849
Kan, E.C. *see* Dutton, R.W. 73038
Kan, E.C. *see* Jaejune Jang 114327
Kan, H. *see* Gong, X.Y. 92751
Kan, H. *see* Niigaki, M. 94208
Kan, H.-P. *see* Lockyer, A.J. 120932
Kan, K., Ito, M., Shimizu, M., Ogawa, K. Wide range auto testing system of current transformer 71395
Kan, K. *see* Fukuda, M. 93979
Kan, K.-S. *see* Wu, C.-H. 98563
Kan, K.H., Tan, S.Y. Video compression using multiplicative time series modelling 97933
Kan, S. *see* Kumakura, T. 91342
Kan, S.C. *see* Eng, T.T.H. 96063
Kan, S.C. *see* Ta-Chung Wu 96324
Kan, W.K. *see* Wong, J.H.C. 87261
Kan Cheng *see* Cheng Kan
Kan HuangFu *see* HuangFu Kan
Kan Ni *see* Ni Kan
Kan Wai Ying *see* Wai Ying Kan
Kan Zhang, Qiangshen Xiang, Ziyu Wang, Lixin Zhu, Anshi Xu, Deming Wu, Chu Wang, Linzhen Xie 12 channels 250 km "WDM+EDFA" optical fiber communication system 119207
Kan Zhang *see* Zhang Kan
Kan-Yuan Lee *see* Chii-Wen Chen 74724
Kanabe, T. *see* Miyanaga, N. 85564
Kanada, K. *see* Misawa, T. 121326
Kanada, T., Enokizono, M., Kawamura, K., Sievert, J.D. Distributions on localized iron loss of three-phase amorphous transformer model core by using two-dimensional magnetic sensor 115847
Kanada, T. *see* Okumura, Y. 109237
Kanada, Y. A performance evaluation of macroscopic diversity against temporal fading caused by the movement of personnel 109052
Kanade, T. Development of a video-rate stereo machine 77141
Kanade, T., Yoshida, A., Oda, K., Kano, H., Tanaka, M. A stereo machine for video-rate dense depth mapping and its new applications 86382
Kanade, T. *see* Brajovic, V. 77147
Kanade, T. *see* Brajovic, V. 79559
Kanade, T. *see* Long Quan 86457
Kanade, T. *see* Morita, T. 77327
Kanade, T. *see* Rowley, H.A. 86383
Kanade, T. *see* Shafer, S.A. 67473
Kanade, T. *see* Sing Bing Kang 77165
Kanaev, I.F., Malinovsky, V.K. Anomalous strong effect of electrodes on photovoltaic current in $LiNbO_3$ crystals 106941
Kanagaratnam, P. *see* Beaven, S.G. 111259
Kanagaratnam, P. *see* Gogineni, S. 120859
Kanagaratnam, P. *see* Zabel, I.H.H. 80666
Kanagawa, N. *see* Hanyu, T. 73396
Kanai, A. *see* Takura, A. 98467
Kanai, H., Kimura, M., Tanaka, A., Sukegawa, T. LPE growth of GaAs by yo-yo solute feeding method 61230
Kanai, H., Kimura, M., Tanaka, A., Sukegawa, T. Liquid phase epitaxy of GaAs by yo-yo solute feeding method 92754
Kanai, H., Sato, M., Koiwa, Y., Chubachi, N. Transcutaneous measurement and spectrum analysis of heart wall vibrations 110675

Kanai, H., Yamada, K., Aoshima, K., Ohtsuka, Y., Kane, J., Kanamine, M., Toda, J., Mizoshita, Y. Spin-valve read heads with NiFe/Co$_{90}$Fe$_{10}$ layers for 5 Gbit/in^2 density recording 115705
Kanai, H. *see* Kamimura, K. 80696
Kanai, H. *see* Mutoh, H. 115799
Kanai, H. *see* Uehara, Y. 115606
Kanai, M. *see* Kawayama, I. 95267
Kanai, N. A simple technique for the evaluation of a vertex using interference phenomena in the shadow region 79710
Kanai, S. *see* Hatano, H. 90868
Kanai, S. *see* Otani, S. 66969
Kanai, T. *see* Chang-Jun Zhu 116301
Kanai, T. *see* Itatani, J. 116427
Kanai, T. *see* Kamigaki, Y. 98855
Kanai, T. *see* Kamigaki, Y. 118724
Kanai, T. *see* Maki, N. 115894
Kanai, T. *see* Orimo, S. 116302
Kanai, T. *see* Otobe, M. 92874
Kanai, Y., Tsukamoto, T., Kashiwa, T., Saitoh, Y., Miyakawa, M. Analysis of a hyperthermic treatment using a reentrant resonant cavity applicator for a heterogeneous model with blood flow 110919
Kanai, Y., Tsukamoto, T., Toyama, K., Saitoh, Y., Miyakawa, M., Kashiwa, T. Analysis of a hyperthermic treatment in a reentrant resonant cavity applicator by solving time-dependent electromagnetic-heat transfer equations 70214
Kanai, Y., Yasuda, K., Oikawa, H., Sugano, M., Sato, Y. Studies of winter thundercloud detection using C-band weather radar data 90789
Kanai, Y. *see* Nemoto, K. 76088
Kanai, Y. *see* Sumiyoshi, F. 95561
Kanaji, T. *see* Man-ei, K. 94164
Kanaka, T.S., Govindaraju, S., Sadasivam, N., Karunanidhi, K., Nandakumar, M.R. Pain in the aged 120258
Kanakaris, P. Managing a cellular network to maximise competitive advantage 109571
Kanamaluru, S., Ming-Yi Li, Kai Chang Analysis and design of aperture-coupled microstrip patch antennas and arrays fed by dielectric image line 85960
Kanamaluru, S., Ming-Yi Li, Kai Chang Narrow-band filter and annular slot antenna for PCS applications 85989
Kanamine, M. *see* Kanai, H. 115705
Kanamori, H. *see* Arimura, H. 80216
Kanamori, H. *see* Koyano, Y. 65067
Kanamori, H. *see* Okamoto, S. 75478
Kanamori, H. *see* Onishi, M. 75474
Kanamori, H. *see* Takigawa, A. 80288
Kanamori, J. *see* Ikegami, N. 74563
Kanamori, J. *see* Miyakawa, Y. 74577
Kanamori, M. *see* Hasegawa, Y. 73811
Kanamori, T. *see* Morioka, T. 68369
Kanamori, T. *see* Morioka, T. 88644
Kanamori, T. *see* Ohishi, Y. 65107
Kanamori, T. *see* Yamada, M. 75867
Kanamori, Y., Shiohara, Y. Effect of temperature gradient in the solution on the growth rate of YBa$_2$Cu$_3$O$_{7-x}$ bulk single crystals 103814
Kanamoto, H. *see* Funatsu, E. 87247
Kanamoto, K., Nishioka, Y., Tokuda, Y. A gigabit-scale DRAM cell fabricated using X-ray lithography 104540
Kanamura, K., Shiraishi, S., Takekara, Z. XPS analysis of lithium surface and modification of surface state for uniform deposition of lithium [for secondary batteries] 112296
Kanamura, K., Tanaka, A., Gervasio, D., Kennedy, V., Adzic, R., Yeager, E.B., Burton, D., Guneratne, R. Perfluoro-ethylene-1,2-bis-phosphonic acid fuel cell electrolyte 121874
Kanamura, K., Toriyama, S., Okagawa, T., Shiraishi, S., Takehara, Z. Study on electrochemical oxidation of nonaqueous electrolyte using in-situ FTIR spectroscopy 81703
Kanamura, K. *see* Takehara, Z. 81663
Kan'an, A.M., LiKamWa, P., Mitra-Dutta, Pamulapati, J. Area-selective disordering of multiple quantum well structures and its applications to all-optical devices 116092
Kan'an, A.M., Wa, P.L.K., Dutta, M., Pamulapati, J. Integrated all-optical routing Y-junction device with ultrafast on/off switching 95795
Kanan, R., Hochet, B., Declercq, M. Pseudo-complementary FET logic (PCFL): a low-power logic family in GaAs 73298
Kanaoka, M. *see* Murata, Y. 64041
Kanaoka, M. *see* Murata, Y. 91177
Kanaoka, Y. *see* Tohi, T. 96148
Kanarov, V. *see* Hayes, A.V. 69692
Kanatani, K. *see* Kanazawa, Y. 87080
Kanatani, Y., Ayukawa, M. LCD technology and its application 100203
Kanatas, A.G., Constantinou, P. Narrowband characterisation of the land mobile satellite channel: A comparison of empirical models 88445
Kanatsuji, H. *see* Baba, Y. 102203
Kanavin, A.P. *see* Belenov, E.M. 65428
Kanavos, P. *see* Pimenides, T. 61535
Kanaya, F. *see* Muramatsu, J. 117174
Kanaya, H., Imai, S., Sugiyama, N. Examination of pits appearing on selectively grown Si film on SiO$_2$ patterned wafers 105108
Kanaya, M. *see* Onoue, K. 61146
Kanaya, M. *see* Onoue, K. 103821
Kanaya, M. *see* Takahashi, J. 103826
Kanaya, M. *see* Yamauchi, H. 79144
Kanaya, N. *see* Konishi, H. 69911
Kanaya, Y. *see* Shiozaki, A. 117172
Kanayama, H., Ikeguchi, S., Kikuchi, F. 3-D eddy current analysis by the Nedelec elements 107768
Kanayama, H. *see* Idogaki, T. 71374
Kanayama, H. *see* Idogaki, T. 74970
Kanayama, H. *see* Shinohara, Y. 73486
Kanayama, K. *see* Iwano, S. 95682
Kanayama, N. *see* Kaneko, M. 89155
Kanazawa, A., Ohta, C., Onozato, Y., Iwama, T., Yoshimoto, S. Performance study of channel reservation for ahead cells in street micro-cellular systems 99299
Kanazawa, A., Shimamoto, S., Onozato, Y., Teruya, K. Stability of completely connected computer networks employing alternate routing under concentrated traffic 87694
Kanazawa, H. *see* Kato, T. 64196
Kanazawa, I. *see* Uesaka, Y. 110798
Kanazawa, K. *see* Hisamatsu, H. 100405
Kanazawa, K. *see* Ito, K. 108721
Kanazawa, K. *see* Kobari, T. 100406
Kanazawa, K. *see* Koizumi, H. 73762
Kanazawa, K. *see* Kubo, M. 101311
Kanazawa, K. *see* Makioka, S. 62321
Kanazawa, K. *see* Makioka, S. 73792
Kanazawa, K. *see* Makioka, S. 88197
Kanazawa, K. *see* Suetsugu, Y. 100409
Kanazawa, K. *see* Suetsugu, Y. 110484
Kanazawa, M. *see* Hashimi, K. 74561
Kanazawa, M. *see* Noda, K. 89755
Kanazawa, M. *see* Okuo, T. 121868
Kanazawa, S. *see* Ohkubo, T. 107810
Kanazawa, Y., Kanatani, K. Reliability of conic fitting 87080
Kanbara, H. *see* Kasai, H. 85634
Kanbara, S., Matsumoto, Y., Inae, Y., Hayase, A., Saito, T., Azuma, H. IF interface LSI for IS-54B and 136 78547
Kanbe, A. *see* Morita, S. 122085
Kanbe, H. *see* Chavez-Pirson, A. 83926
Kanchana, G., Satish Kumar, M. Avionics system network with MIL-STD 1553B bus 70339
Kanchenko, V. *see* Dovbeshko, A. 107687
Kancleris, Z. *see* Dagys, M. 119849
Kanda, H., Mason, R.C., Okabe, C., Smith, J.D., Velasquez, R. Buried resistors and capacitors for multilayer hybrids 83639
Kanda, H. *see* Sittas, G. 82582
Kanda, K. *see* Himeno, T. 113955
Kanda, K. *see* Kamata, M. 110311
Kanda, K. *see* Nishida, Y. 68879
Kanda, K. *see* Nishida, Y. 119435
Kanda, M. EMC strategies: industrial and research perspectives 76483
Kanda, M. *see* Das, S.K. 76591
Kanda, M. *see* Kohno, T. 121855
Kanda, M. *see* Satoh, A. 81670
Kanda, M. *see* Tofani, S. 97191
Kanda, M. *see* Watanabe, Y. 118066
Kanda, S. *see* Aronstein, D. 69717
Kanda, S. *see* Kichimi, H. 69718
Kanda, T., Mitsuhashi, M., Ueda, T., Toyohara, A., Yamamoto, K. New mirror-finish surface grinding technology for the fabrication of optical device endfaces 72263
Kanda, T. *see* Kusunoki, A. 71676
Kanda, Y. *see* Hirao, M. 71867
Kanda, Y. *see* Ninomiya, A. 95592
Kandala, S. *see* Mermelstein, P. 87983
Kandarakis, I. *see* Panayiotakis, G. 64922
Kandasamy, I. *see* Hough, S. 67942
Kandel, A., Friedman, M. Weighted fuzzy expected values and their applications 103629
Kandel, A., Friedman, M., Ma Ming On fuzzy dynamical processes 113066
Kandel, A. *see* Friedman, M. 113067
Kandel, D. *see* Kaxiras, E. 113316
Kandel, R.S. *see* Stubenrauch, C.J. 90801
Kandiah, K. Modelling the effects of electrical traps in radiation detectors 110542
Kandianis, A., Griva, G., Profumo, F., Manias, S.N. A new direct torque control scheme for induction motors using linear state feedback 112476
Kandianis, A., Manias, S.N. A comparative evaluation of single-phase SMR converters with active power factor correction 81544
Kandil, N., Marceau, R.J., Xuan-Dai Do, Gai Tong Vuong, Sood, V. A novel approach to transient stability simulation using neural networks 101714
Kandiyoor, S., van de Berg, P., Blomstergren, S. DECT: Meeting needs and creating opportunities for public network operators 99251
Kandlbinder, R. *see* Hahn, W. 61840
Kandlur, D. *see* Tewari, R. 87903
Kandlur, D.D., Saha, D., Willebeek-LeMair, M. Protocol architecture for multimedia applications over ATM networks 109209
Kandlur, D.D. *see* Ming-Syan Chen 79185
Kando, M., Ikegami, M., Dewa, H., Fujita, H., Shirai, T., Okamoto, H., Iwashita, Y., Kakigi, S., Noda, A., Inoue, M. Matching section to the RFQ using permanent magnet symmetric lens 100698
Kando, M. *see* Nakajima, K. 107391
Kando, M. *see* Noda, A. 79988
Kando, M. *see* Shirai, T. 89766
Kando, M. *see* Yamanashi, H. 92852
Kandoba, I.N. An analysis of aerial photographs for detecting local changes of relief in the regions of oil fields 67174
Kandori, A., Tsukada, K., Haruta, Y., Noda, Y., Terada, Y., Mitsui, T., Sekihara, K. Reconstruction of two-dimensional current distribution from tangential MCG measurement 110683
Kandrunin, V.N. *see* Sobenin, N.P. 100693
Kandus, G. *see* Javornik, T. 78478
Kandus, G. *see* Javornik, T. 97430
Kandus, G. *see* Mohorcic, M. 119126
Kane, A.A. *see* Christensen, G.E. 110756
Kane, B. *see* Chandran, K.B. 80202
Kane, B.C. *see* Gill, D.M. 84467
Kane, C.F. *see* Shmulovich, J. 85437
Kane, D.J. *see* Stanton, A.C. 69366
Kane, D.M. *see* Halfpenny, D.R. 95689
Kane, J. *see* Kanai, H. 115705
Kane, J.S. Feedforward neural network using a liquid crystal smart pixel spatial light modulator 95897
Kane, J.S. *see* Khoury, J. 79276
Kane, K.W. *see* Koskinen, P.S. 79187
Kane, M.J. *see* Bourke, M.M. 63300
Kane, S., Squier, J., Yakovlev, V.V., Barty, C.P.J. Grisms: novel dispersive devices for the manipulation of femtosecond pulses 106774
Kane, S. *see* Tien, A.-C. 79742
Kane, T. *see* Nguyen, D.B. 60725
Kane, T.J. *see* Mayer, T.S. 120771
Kane-Esrig, Y. *see* Pin Su 67753
Kaneda, A., Ii, Y., Minehisa, J., Yuuzu, T., Takamori, A., Ohnaka, K. Diode laser system for PDT (photodynamic therapy) 90564
Kaneda, H. *see* Ohashi, T. 99891
Kaneda, K., Ogiwara, H. Performance analysis of multilevel coding scheme for Rayleigh fading channel with Gaussian noise 117168
Kaneda, K. *see* Cingoski, V. 65649
Kaneda, K. *see* Cingoski, V. 65703
Kaneda, K. *see* Durikovic, R. 87106
Kaneda, K. *see* Kitayama, K. 109637
Kaneda, K. *see* Yamashita, H. 71250
Kaneda, K. *see* Yamashita, H. 107740
Kaneda, N., Detchprohm, T., Hiramatsu, K., Sawaki, N. Si-doping in GaN grown by metal-organic vapor phase epitaxy using tetraethylsilane 63245
Kaneda, O. *see* Ueno, M. 69302
Kaneda, T. *see* Hosokawa, T. 81611
Kaneda, T. *see* Yonehara, H. 89802
Kaneda, Y. *see* Itoh, K. 71245
Kaneda, Y. *see* Itoh, K. 111894
Kanefuji, K., Iwase, K. Exponential inverse Gaussian distribution 103596
Kanegae, H. *see* Tada, K. 82214
Kanegani, M. *see* Okamoto, T. 64127
Kanehara, T., Koiwa, I., Mita, J., Ono, S., Osaka, T. Effect of preparation condition on the activation of the screen-printed MgO protective layer for AC-PDP 119808
Kanehara, T. *see* Koiwa, I. 69395
Kanehara, T. *see* Koiwa, I. 69404
Kanehara, T. *see* Koiwa, I. 110285
Kanehori, K. *see* Yano, F. 105625
Kanekawa, N., Nohmi, M., Satoh, Y., Satoh, H. Self-checking and fail-safe LSIs by intra-chip redundancy 93535
Kanekawa, N., Sato, Y. Self-checking comparator using eigen signature patterns dedicated to wiring nets 83269
Kaneko, A., Kurihara, N., Iwata, T., Kiuchi, H., Hama, S., Imae, H., Miki, C., Yoshino, T., Kunimori, H. Crustal deformation monitoring system for the Tokyo metropolitan area. Functions and situations of observation stations of KSP. Koganei central station. Control and data processing 101543
Kaneko, A., Sumita, I. Electron trajectories and light emitting images of starlike thin-film field emitters 62564
Kaneko, A. *see* Hama, S. 101530
Kaneko, A. *see* Iwata, T. 101527
Kaneko, A. *see* Kiuchi, H. 101524
Kaneko, A. *see* Koyama, Y. 101528
Kaneko, A. *see* Takaba, H. 101526
Kaneko, E. *see* Mimura, A. 84604
Kaneko, E. *see* Nitta, K. 121799
Kaneko, E. *see* Yuan, C. 69989
Kaneko, H., Xu, Y. Superconvergence of the iterated Galerkin methods for Hammerstein equations 82556
Kaneko, H. *see* Gennissen, P.T.J. 84665
Kaneko, H. *see* Hatanaka, K. 120086
Kaneko, H. *see* Ishikawa, H. 88571
Kaneko, H. *see* Maekawa, T. 89265
Kaneko, H. *see* Taimatsu, H. 81822
Kaneko, H. *see* Toyoda, H. 115004
Kaneko, H. *see* Uchida, H.H. 115858
Kaneko, H. *see* Yanagisawa, T. 81348
Kaneko, I. *see* Kashiwagi, T. 104894
Kaneko, K. *see* Hanawa, M. 73289
Kaneko, K. *see* Maruo, A. 61957
Kaneko, M., Fujiwara, F. Digital data communication in application to PC card type digital cordless telephone terminals 98752
Kaneko, M., Kanayama, N., Tsuji, T. Vision based active antenna 89155
Kaneko, M. *see* Aboshi, M. 81978
Kaneko, M. *see* Bochez, K. 86548
Kaneko, M. *see* Cheong, C.K. 86530

Kaneko, M. *see* Kurisu, M. 78297
Kaneko, M. *see* Masui, T. 90292
Kaneko, M. *see* Naemura, T. 86532
Kaneko, M. *see* Resende, F.G. 77063
Kaneko, M. *see* Resende, F.G.V., Jr 76906
Kaneko, M. *see* Svinin, M.M. 79364
Kaneko, M. *see* Ueno, N. 85969
Kaneko, O. *see* Tanaka, M. 120121
Kaneko, R. *see* Tanaka, H. 117242
Kaneko, S., Abe, T., Hashimoto, T., Imamizu, J., Yanagida, T., Ishikawa, S. 16-bit single chip microcomputer µPD784038 subseries for mobile communications 88139
Kaneko, S., Aramaki, S., Arai, K., Takahashi, Y., Adachi, H., Yanagisawa, K. Multi-freedom tube type manipulator with SMA plate 112168
Kaneko, S., Dunzhuo Dong, Mabuchi, D., Kamiya, N., Murakami, K., Amano, M., Kihara, U. Low-temperature sintering of $Pb(Zr,Ti)O_3$ ceramics with $BiFeO_3$ and $Ba(Cu_{0.5}W_{0.5})O_3$ of perovskite-type crystal structure 92952
Kaneko, S., Hashimoto, T., Furuya, T., Uchida, S., Hashimoto, A. Japan tests air blown IGCC 71159
Kaneko, S., Hisatome, M., Hishida, M. High efficiency supercritical sliding pressure units for oil/gas firing 71121
Kaneko, S., Nomoto, S., Yamamori, H., Ohya, K. Load characteristics of a bolted Langevin torsional transducer 101604
Kaneko, S., Sekiguchi, S., Takahashi, T., Sadakata, T., Shiroma, O., Tsukahara, K. An infrared spatial coupler for audio/video signals and remote control data transmission 108996
Kaneko, S., Yagi, I., Kosugi, T., Kidokoro, Y., Murakami, K. Preparation and properties of oriented tin oxide thin films on glass substrates by spray pyrolysis of organotin compounds 92787
Kaneko, S. *see* Aramaki, S. 64018
Kaneko, S. *see* Asada, H. 79622
Kaneko, S. *see* Hirano, N. 89257
Kaneko, S. *see* Hirano, N. 119818
Kaneko, S. *see* Murase, I. 86862
Kaneko, S. *see* Ogaki, K. 102241
Kaneko, S. *see* Okumura, F. 100198
Kaneko, S. *see* Omi, S. 76233
Kaneko, S. *see* Shinmoto, K. 77492
Kaneko, S. *see* Suzuki, T. 89293
Kaneko, S. *see* Watanabe, S. 88494
Kaneko, T., Kataoka, A., Hayashi, S., Moriya, T. CS-ACELP speech coding board and application systems 88009
Kaneko, T., Kataoka, A., Hayashi, S., Moriya, T. CS-ACELP speech coding board and application systems 98959
Kaneko, T., Okamoto, S. View interpolation with range data for navigation applications 99660
Kaneko, T., Sone, H., Miyakawa, N., Naka, M. Growth kinetics of various vapor-grown SiC 104132
Kaneko, T. *see* Davidson, B.R. 103947
Kaneko, T. *see* Hashizume, K. 112304
Kaneko, T. *see* Hayashi, S. 88008
Kaneko, T. *see* Hayashi, S. 97628
Kaneko, T. *see* Kakimoto, F. 69777
Kaneko, T. *see* Naji, O. 103867
Kaneko, T. *see* Sakurada, S. 64222
Kaneko, T. *see* Sone, H. 104036
Kaneko, T. *see* Tsuji, K. 81913
Kaneko, T. *see* Ueyama, M. 84922
Kaneko, T. *see* Yamada, K. 100764
Kaneko, Y., Shishikui, Y., Tanaka, Y., Okano, F. Improvement of motion estimation accuracy using gradient vector distribution in advanced picture coding 108568
Kaneko, Y., Tanaka, Y. An analysing technique of stereo viewing area of a stereoscopic display using back-light distribution method 110296
Kaneko, Y., Tokuhara, K., Ishigaki, N. Research on high performance Nd-Fe-B sintered magnets 95344
Kaneko, Y. *see* Unekawa, Y. 78296
Kaneko, Y. *see* Yamada, N. 75997
Kaneko, Y. *see* Yamaguchi, T. 105539
Kaneko, Y. *see* Yasuda, K. 88041
Kanel, G.I. *see* Baumung, K. 110480
Kanel, H.von *see* von Kanel, H.
Kanellakis, A., Agathoklis, P., Tawfik, A. A note on the orthogonal realization of allpass digital filters and their finite wordlength performance 117326
Kanellopoulos, J.D., Livieratos, S.N. A model for the prediction of the differential rain attenuation between a terrestrial line-of-sight radio relay system and a low angle satellite path based on the two-dimensional gamma distribution 97137
Kanellopoulos, J.D., Livieratos, S.N. A modified interference analysis between a satellite path and an adjacent terrestrial microwave system, including rain height effects 107959
Kanellopoulos, J.D., Vazouras, C.N. Predictive analysis of the interference on a dual polarized satellite system due to cross-polarization and differential rain attenuation (gamma case) 68345
Kanellopoulos, J.D. *see* Cottis, P.G. 97041
Kanemaru, S., Hirano, T., Tanoue, H., Itoh, J. Control of emission characteristics of silicon field emitter arrays by ion implantation technique 73991
Kanemaru, S., Hirano, T., Tanoue, H., Itoh, J. Control of emission characteristics of Si field emitter arrays by impurity doping 83725
Kanemaru, S., Hirano, T., Tanoue, H., Itoh, J. Control of emission characteristics of silicon field emitter arrays by an ion implantation technique 83726
Kanemaru, S. *see* Gamo, H. 62576
Kanemaru, S. *see* Hirano, T. 83754
Kanemaru, S. *see* Itoh, J. 73997
Kanemaru, S. *see* Itoh, J. 83748
Kanemaru, S. *see* Itoh, J. 105014
Kanemaru, S. *see* Toma, Y. 73981
Kanemaru, S. *see* Toma, Y. 83728
Kanemaru, T. *see* Sakanashi, K. 98891
Kanematsu, K., Ohkubo, N., Itoh, K., Ban, S., Miyajima, T., Yamaguchi, Y. Ferromagnetism of deuterides YFe_2D_x 64304
Kanematsu, K. *see* Ohkubo, N. 64303
Kanematsu, K. *see* Shiraishi, H. 64293
Kanemitsu, Y. Mechanism of visible photoluminescence from oxidized silicon and germanium nanocrystallites 94251
Kanemitsu, Y., Matsumoto, T. Nonlinear optical properties of silicon quantum crystallites: core and surface states 65454
Kanemitsu, Y. *see* Mimura, H. 64957
Kanemitsu, Y. *see* Mimura, H. 64961
Kanemitsu, Y. *see* Mimura, H. 96012
Kanemitsu, Y. *see* Naito, H. 94387
Kanemoto, A., Matsuki, Y., Takiguchi, Y. Backscattering enhancement in polymer dispersed liquid crystal display with prism array sheets 85121
Kaneoke, Y. *see* Saitou, K. 101361
Kaneshiro, C. *see* Okumura, T. 63116
Kaneshiro, R.T. *see* Hahn, K.H. 119222
Kanetaka, T. *see* Taoka, M. 114348
Kanetkar, V.R., Dawande, M.S., Dubey, G.K. Indirect current control with separate IZ drop compensation for voltage source converters 112131
Kanetkar, V.R. *see* Dawande, M.S. 71490
Kanev, S. *see* Reyerse, C. 63998
Kanevsky, L.S. *see* Bagotzky, V.S. 112185
Kang, B.-J., Park, H.-R., Kang, C.-E., Son, J.-Y. Performance evaluation of parallel acquisition in cellular DS/CDMA reverse link 118937
Kang, B.S. *see* Kim, S.R. 119000
Kang, C. *see* Beh, M. 74856
Kang, C.-E. *see* Kang, B.-J. 118937
Kang, C.-E. *see* Lee, S.-M. 118806
Kang, C.E. *see* Jou, P.Y. 108110
Kang, C.E. *see* You, Y.H. 77701
Kang, D. *see* Ahn, S.H. 85122
Kang, D.-J., Glowacki, B.A., Winter, P.R., Wallach, E.R. Effects of residual stresses on the critical current in externally coated superconducting Bi-2212 tapes 95437
Kang, E.Q. *see* Shragowitz, E. 104277
Kang, H.C. *see* Oh, J.H. 103950
Kang, H.G. *see* Moon, J.W. 81778
Kang, H.K. *see* Shibkov, A. 63308
Kang, H.S. *see* Kim, J.H. 95171
Kang, H.S. *see* Kim, S.R. 98004
Kang, H.Y. *see* Kang, S.X. 94854
Kang, I.K. *see* Han, S.H. 115528
Kang, I.K. *see* Lee, D.E. 109216
Kang, I.N. *see* Park, J.Y. 107014
Kang, J., Echigo, H., Ohnuma, K., Nishida, S., Sato, R. Three-year measurement by VSAT system and CCIR estimation for rain attenuation in Ku-band satellite channel 78599
Kang, J.-K. *see* Park, Y.-B. 113427
Kang, J.S. *see* Baumbaugh, B. 80030
Kang, J.S. *see* Chung, M. 80031
Kang, J.U., Stegeman, G.I., Aitchison, J.S. All-optical switching based on spatial solitons in AlGaAs 116661
Kang, J.U., Stegeman, G.I., Villeneuve, A., Aitchison, J.S. AlGaAs below half bandgap: a laboratory for spatial soliton physics 116644
Kang, J.U. *see* Villeneuve, A. 64732
Kang, K.I., Glesk, I., Prucnal, P.R. Ultrafast optical time demultiplexers using semiconductor optical amplifiers 88479
Kang, K.N. *see* Han, I.K. 114961
Kang, K.N. *see* Kim, D.S. 114755
Kang, L., Fanmin, K., Gangwu, C., Zhong, J. A calibration method of open-ended coaxial line and six-port for dielectric measurement 79217
Kang, M.-K., Oh, H.-S. Grating fabrication for DFB laser diode using holographic interferometer system 116504
Kang, M.G., Katsaggelos, A.K., Park, K.T. Globally optimal smoothing functional for edge-enhancing regularized image restoration 86561
Kang, M.H., Moskowitz, I.S., Lee, D.C. A network pump 67793
Kang, M.H. *see* Moskowitz, I.S. 76682
Kang, S. *see* Kim, M. 118104
Kang, S.-G. *see* Hwang, N. 107266
Kang, S.-M.S. *see* Conforti, E. 99593
Kang, S.-S., Kim, H.-J., Chun, Y.-Y., Lee, M.-S. An experimental field trial of PON-based digital CATV network 99774
Kang, S.H., Kim, C., Morris, J.W., Jr., Genin, F.Y. Effect of post-pattern annealing on the grain structure and reliability of Al-based interconnects 74616
Kang, S.H., Oh, C., Sung, D.K. A high speed ATM switch with common parallel buffers 87283
Kang, S.H., Sung, D.K. Two-state MMPP modeling of ATM superposed traffic streams based on the characterization of correlated interarrival times 77675
Kang, S.H. *see* Morris, J.W., Jr. 84238
Kang, S.J. *see* Ryoo, J.S. 115395
Kang, S.K., Rai, R., Purushothaman, S. Development of high conductivity lead (Pb)-free conducting adhesives 114468
Kang, S.K., Rai, R.S., Purushothaman, S. Interfacial reactions during soldering with lead-tin eutectic and lead (Pb)-free, tin-rich solders 103423
Kang, S.M. *see* Kim, Y.G. 73066
Kang, S.M. *see* Lammert, R.M. 85322
Kang, S.R. *see* Kim, J.W. 99046
Kang, S.X., Kang, H.Y., Grilli, A., Arco, A. A new method for high aspect X-ray mask fabrication 94854
Kang, T.E. *see* Brienza, D.M. 80498
Kang, T.W., Leem, J.Y., Kim, T.W. Growth of GaAs epitaxial layers on porous silicon 61286
Kang, T.W., Woo, Y.D., Kim, T.W. Improvement of the crystallinity of GaAs epitaxial layers grown on Si substrates assisted by electron beam irradiation 103971
Kang, T.W. *see* Kim, M.D. 74269
Kang, T.W. *see* Kim, M.D. 105536
Kang, T.W. *see* Kim, T.W. 74385
Kang, T.W. *see* Woo, Y.D. 103972
Kang, W.-J., Cheng, C.-K., Lai, J.-S., Shiu, J.R., Kuo, T.-S. A comparative analysis of various EMG pattern recognition methods 90517
Kang, W.N. *see* Park, J.H. 89084
Kang, W.P., Davidson, J.L., Howell, M., Bhuva, B., Kinser, D.L., Kerns, D.V., Li, Q., Xu, J.F. Micropatterned polycrystalline diamond field emitter vacuum diode arrays 83746
Kang, W.P., Davidson, J.L., Howell, M., Bhuva, B., Kinser, D.L., Li, Q., Xu, J.F. Micro-patterned polycrystalline diamond field emitter diode arrays 74029
Kang, W.P. *see* Gurbuz, Y. 119767
Kang, W.P. *see* Li, Q. 83727
Kang, W.S. *see* Rengarajan, S. 115625
Kang, X., Ball, M., Brabson, B., Budnick, J., Caussyn, D.D., Colestock, P., East, G., Ellison, M., Hamilton, B., Hedblom, K., Lee, S.Y., Li, D., Liu, J.Y., Ng, K.Y., Pei, A., Riabko, A., Syphers, M., Wang, L., Wang, Y. Asymmetric Hopf bifurcation for proton beams with electron cooling 89843
Kang, X. *see* Li, D. 79813
Kang, X. *see* Liu, J.Y. 89882
Kang, X. *see* Pei, A. 89976
Kang, X. *see* Pei, A. 100653
Kang, X. *see* Pei, A. 100654
Kang, X. *see* Riabko, A. 89997
Kang, X. *see* Wang, L. 89881
Kang, Y., Lavers, J.D. Transient analysis of electric power systems: reformulation and theoretical basis 70641
Kang, Y.G. *see* Decker, G. 80150
Kang, Y.G. *see* Frachon, D. 101001
Kang, Y.Q., Zheng, J.H., Tan, H.S., Ng, S.C. Charge-state effects of deep centres in semiconductors on non-radiative capture of carriers by multiphonon processes 105114
Kang, Y.W., Matthews, P.J., Kustom, R.L. A constant gradient planar accelerating structure for linac use 89647
Kang, Y.W., Nassiri, A., Bridges, J.F., Smith, T.L., Song, J.J. RF cavities for the Positron Accumulator Ring (PAR) of the Advanced Photon Source (APS) 100650
Kang, Y.W. *see* Brauer, S.O. 100740
Kang, Y.W. *see* Matthews, P.J. 100436
Kang, Y.W. *see* Nassiri, A. 96465
Kang Bok-Moon *see* Bok-Moon Kang
Kang Bongsoon *see* Bongsoon Kang
Kang Bub-Joo *see* Bub-Joo Kang
Kang Byeongdo *see* Byeongdo Kang
Kang Byoung-Ho *see* Byoung-Ho Kang
Kang Byung Hoon *see* Byung Hoon Kang
Kang Byungryong *see* Byungryong Kang
Kang Cao *see* Cao Kang
Kang Chang Eon *see* Chang Eon Kang
Kang Chang Goo *see* Chang Goo Kang
Kang Chang Soon *see* Chang Soon Kang
Kang Chang-Eon *see* Chang-Eon Kang
Kang Chang-Seok *see* Chang-Seok Kang
Kang Changeon *see* Changeon Kang
Kang Cheoul-Shin *see* Cheoul-Shin Kang
Kang Chongqing, Xia Qing, Xiang Niande, Liu Mei The study on long-term daily load curve forecasting 111547
Kang Chul Kim, Jin Soo Ryu, Seok Bung Han Implementation of ATPG for IDDQ testing in CMOS VLSI 83088
Kang Chul Kim, Seok Bung Han Design of a high-speed 32-bit adder using a new dynamic-CMOS logic 83089
Kang Dae-Gwan *see* Dae-Gwan Kang
Kang Dae-Seong *see* Dae-Seong Kang
Kang Ding *see* Ding Kang
Kang Dong Woo *see* Dong Woo Kang
Kang Dong-Gyu *see* Dong-Gyu Kang
Kang Dong-Kyun *see* Dong-Kyun Kang
Kang Dou-Yol *see* Dou-Yol Kang
Kang Geun-Soon *see* Geun-Soon Kang
Kang Geunsoon *see* Geunsoon Kang
Kang Han-Bit *see* Han-Bit Kang

Kang Ho Gyu *see* Ho Gyu Kang
Kang Ho-Kyu *see* Ho-Kyu Kang
Kang Huang Wei *see* Wei Kang Huang
Kang Hun *see* Hun Kang
Kang Hyun *see* Hyun Kang
Kang Hyun Gook *see* Hyun Gook Kang
Kang Hyun Seo *see* Hyun Seo Kang
Kang Hyun-Soo *see* Hyun-Soo Kang
Kang Hyung-Boo *see* Hyung-Boo Kang
Kang In *see* In Kang
Kang Iouri *see* Iouri Kang
Kang Jie Hun *see* Jie Hun Kang
Kang Jie Nun *see* Jie Nun Kang
Kang Jin Seob *see* Jin Seob Kang
Kang Jin-Seob *see* Jin-Seob Kang
Kang Jinfeng *see* Jinfeng Kang
Kang Joon-Won *see* Joon-Won Kang
Kang Kee Hoon *see* Kee Hoon Kang
Kang Ki Sig *see* Ki Sig Kang
Kang Koohong *see* Koohong Kang
Kang Kwang Yong *see* Kwang Yong Kang
Kang Kwang-Sun *see* Kwang-Sun Kang
Kang Kwang-Yong *see* Kwang-Yong Kang
Kang Kyungwoo *see* Kyungwoo Kang
Kang Kyunsoon *see* Kyunsoon Kang
Kang Li, Zhuqing Jiang Mechanism of colliding pulse mode locking in solid-state lasers 75911
Kang Lin *see* Lin Kang
Kang Lishan *see* Lishan Kang
Kang Min-Gu *see* Min-Gu Kang
Kang Moon Sang *see* Moon Sang Kang
Kang Myeongho *see* Myeongho Kang
Kang Qing *see* Qing Kang
Kang Sang Hyuk *see* Sang Hyuk Kang
Kang Sang-Hee *see* Sang-Hee Kang
Kang Sangwon *see* Sangwon Kang
Kang Seog-Joo *see* Seog-Joo Kang
Kang Seog-Weon *see* Seog-Weon Kang
Kang Seok-Ju *see* Seok-Ju Kang
Kang Seokhoon *see* Seokhoon Kang
Kang Seong Ho *see* Seong Ho Kang
Kang Seong Jun *see* Seong Jun Kang
Kang Seong-Hoon *see* Seong-Hoon Kang
Kang Seonghoon *see* Seonghoon Kang
Kang Seung Goo *see* Seung Goo Kang
Kang Seung-Goo *see* Seung-Goo Kang
Kang Seung-Wook *see* Seung-Wook Kang
Kang Sheng Chen *see* Chong Hu Cheng 87076
Kang Shou-Wan *see* Shou-Wan Kang
Kang Shouwan *see* Jia Yubing 97219
Kang Sik Park *see* Jong-Suk Kim 104084
Kang Sin Giu *see* Sin Giu Kang
Kang Sing Bing *see* Sing Bing Kang
Kang Soo-Choon *see* Soo-Choon Kang
Kang Su-Jin *see* Su-Jin Kang
Kang Sug Bong *see* Sug Bong Kang
Kang Sun *see* Sun Kang
Kang Sun Moo *see* Sun Moo Kang
Kang Sun-Koo *see* Sun-Koo Kang
Kang Sun-Moo *see* Sun-Moo Kang
Kang Sung-Mo *see* Sung-Mo Kang
Kang Sungho *see* Sungho Kang
Kang Sungsoo *see* Sungsoo Kang
Kang Sungwon *see* Sungwon Kang
Kang Sungyeol *see* Sungyeol Kang
Kang Tae Won *see* Tae Won Kang
Kang Taewoon *see* Taewoon Kang
Kang Tzong-Kuei *see* Tzong-Kuei Kang
Kang Wen-Juh *see* Wen-Juh Kang
Kang Wongu *see* Wongu Kang
Kang Wook *see* Wook Kang
Kang Xiaoli, Zou Shenghua, Song Nanxin Study of GaAlAs low-temperature liquid-phase epitaxy 92688
Kang Xu, Day, N.D., Angell, C.A. Inorganic electrolyte solutions and gels for rechargeable lithium batteries 121857
Kang Xuejun *see* Liu Ying 96390
Kang Yong-Cheol *see* Yong-Cheol Kang
Kang Yoon *see* Yoon Kang
Kang Young Bong *see* Young Bong Kang
Kang Young Il *see* Young Il Kang
Kang Young-Il *see* Young-Il Kang
Kang Yun Lee *see* Byung Hyug Roh 113942
Kang Zhiwei *see* Zhiwei Kang
Kang-Cheng Lin, Si-Chen Lee A novel angle position detector for application to pattern recognition 69292
Kang-Deog Suh *see* Tae-Sung Jung 73344
Kang-Hoon Choi *see* Dong-Myung Shin 76160
Kang-Hyun Jo, Kuno, Y., Shirai, Y. Invariance based human interface system using realtime tracker 86796
Kang-Ping Lin, Chia-Wei Jau, Te-Shing Chen, Wei-Jen Yao Image fusion technique for head-neck CT and SPECT image registration 90449
Kang-Sik Ryu *see* Bong-Hwan Oh 102183
Kang-Sik Ryu *see* Hong-Beom Jin 75366
Kang-Sik Ryu *see* Yun-Sang Oh 75371
Kang-Yoon Lee *see* Jei-Hwan Yoo 73371
Kangarloo, H. *see* Ho, B.K.T. 110813
Kangas, A., Stoica, P., Soderstrom, T. Large-sample analysis of MUSIC and Min-Norm direction estimators in the presence of model errors 76923
Kangbin Yim *see* Jaehong Shim 60531
Kanghoon Lee, Shin, J.G., Chakravarthy, C.V. Registration based multiple access with statistical TDMA in microcellular environment 87373
Kanghua Lu *see* Saleh, B.E.A. 69422
Kanglin Xie *see* Xie Kanglin
Kangning Ji *see* Ji Kangning
Kangqin Dai *see* Dai Kangqin
Kangsheng Chen, Xiagmin Wang, Tianshui He, Yuguang Luo Numerical study of cusptron tube with an anti-coaxial-magnetron-type waveguide circuit 62618
Kangsheng Chen *see* Guowu Zheng 65970
Kangsheng Chen *see* Xianmin Zhang 85040
Kangwen Wang *see* Wang Kangwen
Kani, N. *see* Kitamura, H. 118273
Kania, A.A. *see* Carol, M. 70199
Kania, D.R. *see* Fernandez, A. 115521
Kania, D.R. *see* Spallas, J.P. 74000
Kania, D.R. *see* Spallas, J.P. 84260
Kania, D.R. *see* Spallas, J.P. 119658
Kaniava, A. *see* Gaubas, E. 79681
Kaniava, A. *see* Rotondaro, A.L.P. 114589
Kaniava, A. *see* Simoen, E. 115139
Kanicki, J. *see* Chun-Ying Chen 105959
Kanicki, J. *see* Lu, J. 116132
Kanicki, J. *see* Yu, S. 61372
Kanicki, J. *see* Zelikson, M. 95711
Kanie, H. *see* Araki, H. 89358
Kanie, T. *see* Takeo, T. 88843
Kaniewska, M. *see* Figielski, T. 115148
Kanigan, T. *see* Andrews, M.P. 96776
Kanitkar, V.J. *see* Shah, M.K. 121796
Kaniya, N. *see* Kita, E. 61089
Kanj, K., Elhakeem, A.K., Le-Ngoc, T. Orthogonal short codes for code division multiple access networks 88285
Kanjilal, D. *see* Ali, Y.P. 105180
Kanjilal, D. *see* Arulkumaran, S. 105598
Kanjilal, D. *see* Ganguly, A.K. 120219
Kanjilal, D. *see* Narayanan, M.M. 79885
Kanjilal, D. *see* Sarkar, A. 69607
Kanjilal, P.P., Palit, S. Analysis of quasiperiodic physiological signals using SVR spectrum 120263
Kanjilal, P.P., Saha, G. In search of the optimal model for a process with multiple inputs 120251
Kanjo, Y. *see* Sugitani, Y. 91979
Kankam, M.D. *see* Elbuluk, M.E. 120635
Kankam, M.D. *see* Langovsky, N. 121714
Kanke, A. *see* Saitoh, Y. 110235
Kanke, Y. *see* Fuke, H. 84895
Kankunnen, A. *see* Michael, C. 63953
Kanlis, A., Khudanpur, S., Narayan, P. Typicality of a good rate-distortion code 117254
Kanlis, A., Narayan, P. Error exponents for successive refinement by partitioning 66357
Kann, V., Sanjeev Khanna, Lagergren, J., Panconesi, A. On the hardness of approximating MAX k-CUT and its dual 88345
Kannan, B. *see* Bambos, N. 98637
Kannan, B. *see* Kleinrock, L. 78920
Kannan, N. *see* Murali Krishna, P. 111997
Kannan, R., Lee, K.Y., Jordan, H.F. A space-time division ATM switch 77621
Kannan, R., Lee, K.Y., Jordan, H.F. A high-speed hardware efficient optical sorting network 78322
Kannan, R. *see* Bartos, R. 78326
Kannan, S., Lemaire, P.J. Thermal reliability of Bragg gratings written in hydrogen-sensitized fibers 75443
Kannari, F. *see* Fujii, T. 92913
Kannari, F. *see* Fujii, T. 92914
Kannari, F. *see* Matsumoto, N. 113452
Kannari, F. *see* Uchida, A. 78796
Kannegundla, R., Boisvert, D. A 40 MHz analog signal processor (with CDS/H) for high-definition motion-still video systems 98274
Kannell, G., Gabbay, D. Filter design for cellular applications 78431
Kanner, M. Capacitor amplifier reduces ripple without dc loss 93115
Kannewurf, C.R. *see* Thomas, J.A. 112288
Kanngiessner, K.W. *see* Greenwood, A. 70845
Kanniappan, P., Pandian, P. Duality for nonlinear programming problems with strong pseudoinvexity constraints 82464
Kanno, H. *see* Matsumoto, K. 83036
Kanno, I., Hayashi, S., Takayama, R., Sakakima, H., Hirao, T. Processing and characterization of ferroelectric thin films by multi-ion-beam sputtering 92858
Kanno, I. *see* Iida, H. 101321
Kanno, I. *see* Yamamoto, S. 90323
Kanno, M. *see* Itoh, G. 113521
Kanno, N. Fiber-optic digital cable system design considerations for multichannel MPEG-based compressed video distribution services 68908
Kanno, N., Kozaru, Y., Sugeno, H. Fiber-optic MPEG over ATM-based video distribution for residential use services 118667
Kanno, N. *see* Kozaru, Y. 78750
Kanno, R., Shirane, T., Kawamota, Y., Takeda, Y., Takano, M., Ohashi, M., Yamaguchi, Y. Synthesis, structure, and electrochemical properties of a new lithium iron oxide, $LiFeO_2$, with a corrugated layer structure 121840
Kanno, R. *see* Tadokoro, S. 81504
Kanno, T., Sato, K., Ujiie, H. A consideration on dielectric lens feeder for slotted array on parallel plates 66182
Kanno, T., Wada, H., Nagashima, M., Wakayama, H., Awamoto, K., Kajihara, N., Ito, Y., Nakamura, M. A 256×256 element HgCdTe hybrid IRFPA for 8-10 μm band 69273
Kanno, T. *see* Yamanashi, H. 92852
Kanno, Y. *see* Kaya, K. 72837
Kannus, K., Lahti, K., Nousiainen, K. Effects of low temperatures and temperature variations on metal oxide surge arresters 102277
Kano, H. *see* Kanade, T. 86382
Kano, H. *see* Negoro, Y. 106637
Kano, H. *see* Okabe, A. 115712
Kano, I. *see* Munaka, T. 99964
Kano, S., Sakawa, H. Overview on the Internet 67833
Kano, T. *see* Mizohata, S. 68900
Kano, T. *see* Nouda, Y. 68930
Kanofsky, A.S. Effects of radiation on optical fibers 84985
Kanofsky, A.S. Radiation effects of various electro-optical devices 85082
Kanofsky, A.S. Effects of radiation on laser diode devices 85459
Kanofsky, A.S. Effects of radiation on CCD devices 89140
Kanoh, H. *see* Shimoda, N. 71347
Kanoh, S., Futami, R., Hoshimiya, N. Characteristics of short-term memory of tone duration in the human auditory system 108304
Kanold, P., Block, M., Selinger, T., Talmi, M., Yan, W., Zhang, W. Test and monitoring of an HDTV MPEG-2 video decoder using the TMS320C40 99756
Kanold, P. *see* Selinger, Th. 68892
Kanopoulos, N. *see* Hurst, J.P. 61777
Kanoza, S., Dzieniakowski, M.A., Kazmierkowski, M.P. A synchronous voltage regulator for three-phase resonant inverters energizing cage motors 112430
Kanoza, S. *see* Kazmierkowski, M.P. 71782
Kansal, V. *see* Garg, S. 99416
Kansara, M., Szabo, A., Ward, E.S. The evaluation of modern single-phase boost converter topologies 102859
Kansara, M. *see* Dean, P. 111905
Kansara, M. *see* Downes, D. 71315
Kanski, J. *see* Simpson, W.C. 94325
Kant, C., Higashino, T., Bochmann, G. Deriving protocol specifications from service specifications written in LOTOS 98678
Kant, G. Drawing planar graphs using the canonical ordering 92452
Kant, G.W. *see* van der Wel, W. 104820
Kant, K. Flow control mechanisms for SAAL links 108851
Kant, K. *see* Mohiuddin, A.K.M. 71114
Kant, K. *see* Mohiuddin, A.K.M. 81303
Kant, K. *see* Mohiuddin, A.K.M. 81304
Kant, L.A. *see* van Moorsel, A.P.A. 67755
Kantartzis, N.V., Kriezis, E.E., Tsiboukis, T.D. Transient analysis of electromagnetic field propagation in the vicinity of millimetre waveguide structures with an efficient finite-difference time-domain technique 76535
Kantartzis, N.V., Tsiboukis, T.D. A comparative study of the Berenger perfectly matched layer, the superabsorption technique and several higher-order ABCs for the FDTD algorithm in two and three dimensional problems 107855
Kantartzis, N.V. *see* Theodoulidis, T.P. 107776
Kanter, G. *see* Caplan, D.O. 116703
Kanter, G.S. *see* Caplan, D.O. 110414
Kantor, Z., Fogarassy, E., Grob, A., Muller, D., Prevot, B., Stuck, R. Evolution of implanted carbon in silicon upon pulsed excimer laser annealing 94690
Kantor, Z., Laude, L.D. Dynamics of laser-induced synthesis of ZnSe 92813
Kantrowitz, M., Noack, L.M. I'm done simulating; now what? Verification coverage analysis and correctness checking of the DECchip 21164 Alpha microprocessor 83149
Kantser, V. *see* Banari, V. 64927
Kanuma, A. *see* Unekawa, Y. 78296
Kany, F. *see* Ulmer-Tuffigo, H. 62818
Kany, F. *see* Ulmer-Tuffigo, H. 76079
Kanz, V.K. *see* Chow, R. 107475
Kanzaki, M. *see* Kawahara, A. 69275
Kanzaki, R. *see* Ishida, H. 79589
Kanzawa, Y., Fujii, M., Hayashi, S., Yamamoto, K. Doping of B atoms into Si nanocrystals prepared by rf cosputtering 114878
Kanzler, M. *see* Toben, M. 94048
Kanzow, C. Global convergence properties of some iterative methods for linear complementarity problems 92592
Kanzow, C., Fukushima, M. Equivalence of the generalized complementarity problem to differentiable unconstrained minimization 92509
Kao, C.-C. *see* Kemner, K.M. 64452
Kao, C.-C. *see* Randall, K.J. 89635
Kao, C.-M., Pan, X., Chen, C.-T., Wong, W.H. Improved Bayesian image reconstruction in positron emission tomography 101152
Kao, C.-M. *see* Wernick, M.N. 101330
Kao, C.-M. *see* Xu, B. 101326
Kao, C.F. *see* Chen, Y.F. 96170
Kao, C.F. *see* Chen, Y.F. 107210
Kao, C.F. *see* Chen, Y.F. 116454
Kao, C.H., Chern, H.L., Wu, M.K. Joining of Bi-Pb-Sr-Ca-Cu-O superconductors 65594
Kao, C.Y. *see* Jinn-Moon Yang 92560
Kao, C.Y. *see* Yeh, C.S. 106050
Kao, D.-Y. *see* Tsai, C.-C. 61703
Kao, E.P.C. A comparison of alternative approaches for numerical solutions of GI/PH/1 queues 60794

Kao, J.-N. *see* Jang, Y.-F. 61927
Kao, M.J., Hsu, W.C., Liu, W.C., Shieh, H.M. High carrier density and mobility in GaAs/InGaAs/GaAs double delta-doped channel heterostructures 62850
Kao, M.J. *see* Ikai Lo 105354
Kao, S. *see* Chang, J.-W. 64440
Kao, T. *see* Chow, P.S. 113746
Kao, T.W., Taylor, H.F. High-sensitivity intrinsic fiber-optic Fabry-Perot pressure sensor 69200
Kao, T.W. *see* Short, S.X. 111630
Kao, Y.-C. *see* Celii, F.G. 63574
Kao, Y.-C. *see* Evers, N. 105859
Kao, Y.-H. Mandarin recognition over the telephone 118284
Kao, Y.-H., Goltser, I.V., Jiang, M., Islam, M.N., Raybon, G. Propagation dynamics of ultrashort pulses in semiconductor laser amplifiers near 1550 nm 107321
Kao, Y.C. *see* Deshpande, M.R. 63811
Kao, Y.C. *see* Lake, R. 105877
Kao, Y.H. *see* Bhargava, R.N. 62713
Kao, Y.H. *see* Guerreiro, P.T. 94562
Kao, Y.H. *see* Huang, S. 113346
Kao Fu-Chien *see* Fu-Chien Kao
Kao Guiyun *see* Lu Kecheng 65034
Kao Hsin-Tong *see* Hsin-Tong Kao
Kao Jiann-Shiun *see* Jiann-Shiun Kao
Kao Liu Lilian *see* Lilian Kao Liu
Kao Ming Jer *see* Ming Jer Kao
Kao Ming-Jer *see* Ming-Jer Kao
Kao Ming-Seng *see* Ming-Seng Kao
Kao Ning *see* Nagpal, M. 81517
Kao Sheng-Liang *see* Sheng-Liang Kao
Kao Shih-Dean *see* Shih-Dean Kao
Kao Ta-Wei *see* Ta-Wei Kao
Kao Tai-Wu *see* Tai-Wu Kao
Kao Tain-Lieng *see* Tain-Lieng Kao
Kao Tzong-Wann *see* Tzong-Wann Kao
Kao Wen-Hong *see* Wen-Hong Kao
Kao Wen-Shiow *see* Wen-Shiow Kao
Kao Yao-Huang *see* Yao-Huang Kao
Kao Yung-An *see* Yung-An Kao
Kaouk, Z., Khebir, A., Savard, P. A finite element model of a microwave catheter for cardiac ablation 120501
Kap Luk Chan *see* Ziqiang Dong 86671
Kapadia, S.S., Ansari, N.I., Evans, J.B. Sinusoidal transform coder-based congestion control in integrated voice/data networks 88017
Kapaev, V.V., Kopaev, Yu.V. Dynamical evolution of electronic states in quantum devices 63828
Kapaev, V.V. *see* Aleshchenko, Yu.A. 74360
Kapanen, P. *see* Rousseau, E. 99141
Kaparkov, D. *see* Bourse, D. 93707
Kaparkov, D. *see* Vendik, I. 106733
Kaparkov, D. *see* Vendik, I. 114223
Kaparkov, D.I. *see* Vendik, I.B. 75375
Kapauan, P. *see* Duesing, E. 108953
Kapicka, V. *see* Sicha, M. 113494
Kapil, R., Mehta, B.R., Vankar, V.D. Synthesis of 15R polytype of diamond in oxy-acetylene flame grown diamond thin films 61300
Kapilevich, B.Yu. Visualization of characteristic equations describing guided waves 85931
Kapilevich, B.Yu. Microwave active filter in integrated waveguide technology 104799
Kapinus, D.M. *see* Petersen, T.A. 71052
Kapishin, M.N. *see* Aleev, A.N. 120186
Kapitonov, A.M. *see* Gaponenko, S.V. 63013
Kapitza, H.G. Confocal laser scanning microscopy for optical measurement of the microstructure of surfaces and layers 79697
Kaplan, A., Tichatschke, R. A note on the paper: multi-step-prox-regularization methods for solving convex variational problems 60905
Kaplan, A., Tichatschke, R. Multi-step-prox-regularization method for solving convex variational problems 72539
Kaplan, A., Tichatschke, R. Path-following proximal approach for solving ill-posed convex semi-infinite programming problems 82484
Kaplan, A.F.H., Schwoecker, D., Wangler, O. Quality monitoring during laser beam cutting 96851
Kaplan, B.Z. *see* Sarafian, G. 68620
Kaplan, D.L. *see* Gao, H.H. 89180
Kaplan, D.L. *see* Rao, D.V.G.L.N. 75646
Kaplan, D.L. *see* Rao, D.V.G.L.N. 85679
Kaplan, D.T. *see* Schreiber, T. 70157
Kaplan, H. Making effective lighting retrofits. I 91934
Kaplan, L., Bushlin, Y., Gotsman, C. Acquisition and mosaicing of low-contrast background radiometric images for scene simulation 119731
Kaplan, L.M., Kuo, C.-C.J. An improved method for 2-D self-similar image synthesis 67085
Kaplan, M.A. *see* Valaee, S. 108824
Kaplan, M.S., Miyaoka, R.S., Kohlmyer, S.K., Haynor, D.R., Harrison, R.L., Lewellen, T.K. Scatter and attenuation correction for ^{111}In based on energy spectrum fitting 101087
Kaplan, M.S. *see* Lewellen, T.K. 101277
Kaplan, M.S. *see* Lewellen, T.K. 101344
Kaplan, M.S. *see* Miyaoka, R.S. 90425
Kaplan, R. Frequency-resolved photoconductivity studies in amorphous As_2Se_3 94423
Kaplan, R., Prokes, S.M., Binari, C., Kelner, G. Growth and properties of scandium epitaxial films on GaN 72753
Kaplan, R. *see* Padamsee, H. 100471
Kaplan, R. *see* Pisharody, M. 100658
Kaplan, S.B. A high-resolution analog-to-digital converter 93529
Kapler, J., Stone, G., Sedding, H.G. Partial discharge pulse phase patterns on operating motors and generators 71217
Kaplin, V. *see* Badura, E. 120203
Kaplinsky, M.B., Kosonocky, W.F., McCaffrey, N.J., Jun Li, Hou, E.S.F., Manikopoulos, C.N., Ravindra, N.M. Multi-wavelength imaging pyrometer for noncontact temperature sensing 69550
Kaplon, J. *see* Comes, G. 110613
Kaplyanskii, A.A. *see* Moskalenko, E.S. 83931
Kapolnek, D. *see* Keller, S. 72783
Kapolnek, D. *see* Wu, Y.-F. 104829
Kapolnek, D. *see* Wu, Y.-F. 106078
Kapon, E., Biasiol, G., Hwang, D.M., Walther, M., Colas, E. Self-ordering mechanism of quantum wires grown on nonplanar substrates 63083
Kapon, E. *see* Christen, J. 62925
Kapon, E. *see* Dwir, B. 74449
Kapon, E. *see* Haacke, S. 62989
Kapon, E. *see* Hardy, A. 65350
Kapon, E. *see* Reinhardt, F. 74576
Kapon, E. *see* Sa'ar, A. 62841
Kapoor, A., Mazumdar, N. Approximate computation of the variance of electric power generation system production costs 71021
Kapoor, A. *see* Birla, N. 85602
Kapoor, A. *see* Gupta, M. 64729
Kapoor, A. *see* Mehra, R.M. 84943
Kapoor, A. *see* Singh, S. 106837
Kapoor, A. *see* Singh, S. 106838
Kapoor, A. *see* Verma, A.J. 106471
Kapoor, A.K., Tripathi, A.N. A novel soft-switched PWM inverter for induction motor drives 112090
Kapoor, A.K. *see* Lie, L.N. 64061
Kapoor, B., Nair, V.S.S. Improving path sensitizability of combinational circuits 113652
Kapoor, P.N. *see* Aggarwal, R.K. 121429
Kapoor, S., Telang, V.P., Mills, J.D., Makhija, M.G. Mitigating impulse noise over HFC networks for telephony-over-cable 78860
Kaporin, I.E. Use of preconditioned Krylov subspaces in conjugate gradient-type methods for solving a nonlinear least-squares problem 60959
Kapoulas, V. *see* Bouras, C. 99751
Kapoulas, V. *see* Bouras, C. 109241
Kapoun, K. *see* Sicha, M. 113494
Kapp, D.A., Brown, G.S. A new numerical method for rough-surface scattering calculations 65760
Kappe, F. *see* Hoffman, D. 88558
Kappe, F. *see* Reier, F.W. 103843
Kappelan, M. *see* Usai, P. 99138
Kappeler, F. *see* Jaag, S. 69824
Kappelt, M., Grundmann, M., Krost, A., Turck, V., Bimberg, D. InGaAs quantum wires grown by low pressure metalorganic chemical vapor deposition on InP V-grooves 72806
Kappelt, M., Turck, V., Grundmann, M., Cerva, H., Bimberg, D. InP/InAlAs/InGaAs-quantum wires 105342
Kappenman, J.G., Van House, D.L. Location-centered mitigation of lightning-caused disturbances 91163
Kappers, M.J., McDaniel, A.H., Hicks, R.F. Controlling the group II composition in CdZnTe alloys grown by organometallic vapor phase epitaxy: a kinetic model 61232
Kappings, K. *see* Wahrburg, J. 80459
Kappler, C. *see* Back, T. 102408
Kappos, E., Kinniment, D.J. Application-specific processor architectures for embedded control: case studies 93491
Kappra, K.A. *see* Happ, L. 109769
Kapr, Th. *see* Schneider, G. 91318
Kapralov, S. *see* Boukliev, I. 76792
Kapranos, P., Gibson, R.C., Kirkwood, D.H., Hayes, P.J., Sellars, C.M. Modelling induction heating of high melting point alloy slugs for high temperature mechanical processing 82768
Kapranov, B.I., Maklashevsky, V.J., Filinov, V.N. Analysis of multiple scattering contribution in the back-scatter X-ray testing 82797
Kaprielian, S., Jouny, I. Radial basis function networks for predicting power system harmonics 101675
Kapron, H. *see* Michalski, M. 91370
Kapsalis, A., Smith, G.D. A meta-genetic algorithm for the radio link frequency assignment problem 99713
Kapsalis, V.D., Koubias, S.A., Papadopoulos, G.D. Performance evaluation of a hybrid MAC-layer protocol for hard real-time industrial networks 67758
Kapser, K., Deimel, P.P., Platz, W., Prechtel, U., Cabanski, W., Maier, H. Platinum silicide Schottky barrier infrared photodetectors with a grating: optical response and backbias-dependent polarization sensitivity 69175
Kaptanoglu, S. Fast and accurate delay estimation for use in timing driven layout for FPGAs with segmented channels 113858
Kapteijn, P., Deprettere, E., Timmoneri, L., Farina, A. Implementation of the recursive QR algorithm on a 2×2 CORDIC testboard: a case study for radar applications 99663
Kaptelov, E.Yu. *see* Afanas'ev, V.P. 95266
Kapteyn, H. *see* Rundquist, A. 96600
Kapteyn, H.C. *see* Backus, S. 65134
Kapteyn, H.C. *see* Chang, Z. 90243
Kapteyn, H.C. *see* Christov, I.P. 116425
Kapteyn, H.C. *see* Peatross, J. 96230
Kapteyn, H.C. *see* Yankelevich, D.R. 119908
Kaptsov, L.N. *see* Cherezova, A.Yu. 75881
Kapucu, S., Baysec, S. Detection of a spot of predefined color using a video color system in the context of robotics 108523
Kapur, A.D. *see* Dillon, D.A. 103347
Kapur, D., Saxena, T. Sparsity considerations in Dixon resultants 92582
Kapur, R., Patil, S., Snethen, T.J., Williams, T.W. A weighted random pattern test generation system 93197
Kapur, R. *see* Williams, T.W. 74834
Kapur, V.K. *see* Basol, B.M. 104093
Kapur, V.K. *see* Basol, B.M. 112336
Kapur, V.K. *see* Basol, B.M. 121883
Kapus, T. *see* Casar, A. 73244
Kapus-Kolar, M. On context-sensitive service-based protocol derivation 118158
Kapusta, C., Lord, J.S., Tomka, G.J., Riedi, P.C., Buschow, K.H.J. Nuclear magnetic resonance study of expanded lattice permanent magnet nitrides and carbides at high pressure 64218
Kapusta, M. *see* Moszynski, M. 80054
Kapusta, M. *see* Moszynski, M. 101039
Kapusta, P. *see* Barr, G.D. 90213
Kapusta, P. *see* Barr, G.D. 100933
Kapustinsky, J. *see* Britton, C.L., Jr. 110617
Kapustinsky, J. *see* Leitch, M.J. 90240
Kar, A., Ghosh, P. A log$_2$n decomposition scheme for offline morphological operations 86817
Kar, A., Mazumder, J. Modeling in laser materials processing: melting, alloying, cladding 116795
Kar, A., Scott, J.E., Latham, W.P. Effects of mode structure on three-dimensional laser heating due to single or multiple rectangular laser beams 96100
Kar, A. *see* Scott, J.E. 107636
Kar, A.K. *see* Blewett, I.J. 65276
Kar, B.K., Joseph, E. Linearization techniques for capacitive sensors 79368
Kar, B.K. *see* Joseph, E.D. 112587
Kar, M.L., Chelehmal, M., Prodan, R., Eng, D. MPEG-2 conformance testing for interoperability 88827
Kar, S. A computer-aided impedance characterization for microwave resonant-cap circuits 83392
Kar-Ming Cheung Probability quantization for multiplication-free binary arithmetic coding 66436
Kar-Roy, A. *see* Tsai, C.S. 106891
Kara, M. A novel technique to calculate the bandwidth of rectangular microstrip antenna elements with thick substrates 76562
Kara, M. A simple technique for the calculation of the bandwidth of rectangular microstrip antenna elements with various substrate thicknesses 76582
Kara, M. Closed-form expressions for the resonant frequency of rectangular microstrip antenna elements with thick substrates 76612
Kara, M. Formulas for the computation of the physical properties of rectangular microstrip antenna elements with various substrate thicknesses 85967
Kara, M. The calculation of the input resistance of rectangular microstrip antenna elements with various substrate thicknesses 117048
Kara, S. *see* Yuksel, M.E. 120402
Karabaev, M.K., Mamadalimov, A.T., Onarkulov, K.E. The effect of solar radiation on the PbS photolayer properties 75718
Karabed, R. *see* Fettweis, G. 77556
Karabetsos, E. *see* Aggelopoulos, E. 60526
Karabutov, A.A., Klevitskiy, V.V., Kubyshkin, A.P. Thermal wave characterization of coatings on substrate 104229
Karabutov, A.A., Kubyshkin, A.P., Panchenko, V.Y. Laser processing quality control by laser-excited SAW with IR detection (LSAW-IRD) 103479
Karabutov, A.A., Kubyshkin, A.P., Savateyeva, Ye.V. Novel noncontact method of surface acoustic waves registration for nondestructive testing 104228
Karabutov, A.A., Podymova, N.B. Nondestructive material characterization by laser-excited longitudinal and shear acoustic waves 104230
Karacaoglu, U., Khalid, A.H., Budimir, D., Warburton, P.A., Robertson, I.D., Rezazadeh, A.A., Turner, C.W. V-shaped transmission-lines for superconducting circuits and MMICs 114333
Karacaoglu, U., Khatri, R., Gillick, M., Azefor, N., Robertson, I.D., Guglielmi, M. An investigation of CPW bandpass filters using end-coupled resonators and square dual-mode rings 104864
Karacaoglu, U., Robertson, I.D. A MMIC active bandpass filter with FET negative resistance elements 83541
Karacaoglu, U., Robertson, I.D., Guglielmi, M. MMIC active bandpass filter using a lumped-element dual-mode ring resonator with loss compensation 104883
Karacaoglu, U., Sanchez-Hernandez, D., Robertson, I.D., Guglielmi, M. Harmonic suppression in microstrip dual-mode ring-resonator bandpass filters 93724
Karacaoglu, U. *see* Wang, Q.H. 73787
Karadi, G.M. *see* Ferreira, A. 81354
Karadly, M.M.Z., Hulays, R.A. Estimation of melting-snow layer attenuation and scattering on microwave communication links 65841
Karady, G.G. *see* Berisha, S.H. 112573
Karady, G.G. *see* Han, B.M. 121910

Karady, G.G. *see* Harmon, R.W. 121207
Karady, G.G. *see* Ranaweera, D.K. 70787
Karaesmen, F., Gupta, S.M. The finite capacity GI/M/1 queue with server vacations 72422
Karafiat, A. Adaptive integration techniques for almost singular functions in the boundary element method 92641
Karafolas, N., Uttamchandani, D. Optical fiber code division multiple access networks: a review 88493
Karafyllidis, I. *see* Andreadis, I. 82302
Karageorghis, A. *see* Bernardi, C. 61067
Karagiannopoulos, C. *see* Moronis, A. 95294
Karagiannopoulos, C.G., Bourkas, P.D., Moronis, A.X., Tsitsoglou, I., Xalaris, P.G. Prebreakdown phenomena in a model paper-oil insulation under lightning impulse voltages 95293
Karagiannopoulos, C.G. *see* Filippakou, M.P. 71564
Karagiannopoulos, C.G. *see* Filippakou, M.P. 104912
Karagiannopoulos, C.G. *see* Halaris, P.G. 95259
Karagiannopoulos, C.G. *see* Tsitsias, S.A. 95263
Karakas, U. *see* Beksac, M.S. 120358
Karakashian, A.S. *see* Strachan, W.J. 82688
Karakatsanis, E. *see* Economakos, C. 101804
Karakaxis, K. *see* Nen, C. 71777
Karakhodzhaev, A.A. *see* Artemov, S.V. 90236
Karaki, S. *see* Ishii, M. 104168
Karaki, S.H., Debs, A.S., Saliba, Y.E. Multimachine classical transient stability using artificial neural networks 80774
Karakin, M.A. *see* Filippov, N.V. 110637
Karakos, D. *see* Trahanias, P.E. 77256
Karakotsou, C., Anagnostopoulos, A.N. Crisis in electrical behavior of the TlInSe$_2$ semiconducting compound 83878
Karam, C., Wilson, D. Dynamic simulation improves control module testing [Automotive electronics] 71861
Karam, G., Maalej, K., Paxal, V., Sari, H. Variable symbol-rate demodulators for cable and satellite TV broadcasting 88808
Karam, G., Paxal, V., Moeneclaey, M. Digital lock detectors associated with the Gardner timing error detector 77551
Karam, G. *see* Levy, Y. 78346
Karam, G. *see* Sari, H. 68058
Karam, G. *see* Sari, H. 117148
Karam, J.-M. *see* Poppe, A. 72218
Karam, J.M., Courtois, B., Bauge, M. High level CAD melds microsystems with foundries 74881
Karam, L.J. *see* Yardim, A. 117522
Karam, M.A. The impacts of environmental conditions on microwave radiometry of vegetation: a physical approach 120899
Karam, M.A., Stogryn, A. Relating microwave satellite radiometer observations to land surface parameters: a physical approach 120659
Karam, M.A. *see* Le Vine, D.M. 111160
Karam, N.H. *see* Sudharsanan, R. 90157
Karamikhova, R. *see* Broadwater, R.P. 91150
Karandashev, S.A. *see* Aidaraliev, M. 116468
Karandashev, S.A. *see* Bresler, M.S. 116506
Karandashov, S.A. *see* Aidaraliev, M. 69339
Karandashov, S.A. *see* Zotova, N.V. 96268
Karandikar, A. *see* Abhyankar, Y. 78004
Karandikar, S.S. *see* Chaudhuri, S. 67048
Karanicolas, A.N. A 2.7 V 900 MHz CMOS LNA and mixer 73166
Karantzoulis, E., Plesko, M. Macmon: a monitoring program for ELETTRA 89942
Karantzoulis, E. *see* Bocchetta, C.J. 79809
Karantzoulis, E. *see* Svandrlik, M. 100632
Karanyi, J. *see* Dozsa, L. 115151
Karapelou, M. *see* Ettinger, G.J. 110704
Karapusikov, A.I. *see* Chernikov, S.B. 107102
Karapuzikov, A.I. *see* Chernikov, S.B. 116359
Karas', N.I. *see* Olikh, Ya.M. 114854
Karas, V.I., Belova, N.G. Optimization of high-current ion beam acceleration and charge compensation in two cusps of induction linac 89742
Karasaki, K. *see* Hara, Y. 60581
Karasaki, T., Goto, T., Ametani, A. An abnormal overvoltage due to load rejection on EHV underground transmission lines 111634
Karasan, E. *see* Hongbin Ji 87955
Karasaridis, A. *see* Pitas, I. 108701
Karasawa, H. *see* Kawabe, H. 87617
Karasawa, K., Tanno, Y., Yamasawa, K. An experimental study of the operation of parametric magnetic reproducing head 115737
Karasawa, K. *see* Nemoto, T. 109275
Karasawa, N. *see* Nakano, K. 99298
Karasawa, T. *see* Kim, D. 74412
Karasawa, T. *see* Komatsu, T. 74251
Karasawa, Y. *see* Iwai, H. 118930
Karasawa, Y. *see* Kato, K. 110769
Karasawa, Y. *see* Miura, R. 66129
Karasawa, Y. *see* Miura, R. 109576
Karasawa, Y. *see* Miyazaki, T. 96134
Karasawa, Y. *see* Takahashi, K. 110588
Karasawa, Y. *see* Yamada, M. 78585
Karasek, K. *see* Zielinski, M. 119548
Karasek, M. *see* Rebolledo, M.A. 65089
Karasev, A. *see* Vannikov, A. 104200
Karasev, G. *see* Romanets, R. 64036
Karasev, V. *see* Balakshy, V. 106889
Karasev, V.I. *see* Baklanov, A.I. 100097
Karashima, A., Matsuo, T., Nakao, M., Umeda, Y., Amagai, M., Yajima, K., Kadoguchi, S. UltraSPARC-I package assembly process development 61930
Karashtin, A.N. An alternating code technique for HF magnetospheric sounding at the Sura facility 80633
Karasik, Y.B. Simultaneous uniform local coordinate transformations and their optical implementation 117664
Karasinski, P., Opilski, A., Gut, K. Integrated optical amplitude refractometer 89028
Karasozen, B., Somali, S. An error analysis of iterated defect correction methods for linear differential-algebraic equations 113256
Karasyov, V.Yu., Skornyakov, A.V., Kuznetsov, M.G. The method of multilayer semiconductor structures cross-sections preparation for transmission electron microscopy 60589
Karathanasis, H.C. *see* Metafas, D.E. 78539
Karatsuba, E.A. Fast calculation of the Riemann zeta function ζ(s) for integer values of the argument s 72563
Karaulov, V.N. *see* Elliott, S.R. 80104
Karavolas, V.C. *see* De Keyser, A. 62742
Karayanis, Yu.P. *see* Khabibulaev, P.K. 81915
Karayiannis, N.B., Bezdek, J.C., Pal, N.R., Hathaway, R.J., Pin-I Pai Repairs to GLVQ: a new family of competitive learning schemes 108144
Karazhanov, S.Z. New exciton mechanism decreasing recombination losses [in solar cells] 81875
Karazhanov, S.Zh. Surface exciton waves and wave-induced photocurrent oscillations 102977
Karazhanov, S.Zh. *see* Saidov, A.S. 74307
Karbowiak, A.E. *see* Jian Feng 86715
Karch, H. *see* Borghoff, U.M. 87840
Karczewski, G. *see* Barcz, A. 74230
Karczewski, G. *see* Godlewski, M. 74403
Karczewski, G. *see* Grynberg, M. 94363
Karczewski, G. *see* Jaroszynski, J. 105421
Karczewski, G. *see* Kowalczyk, L. 75960
Karczewski, G. *see* Suski, T. 74227
Karczewski, G. *see* Wojtowicz, T. 72760
Kardinahl, T., Franke, H. Holographic gratings in organic photochromics: nonlinear and switchable gratings 96816
Kardo-Sysoev, A.F., Popova, M.V. Modeling of fast ionization waves in silicon p-n junctions under breakdown 74317
Kareenahalli, S. *see* Vusirikala, V. 96382
Karekar, R.N. *see* Ansari, S.G. 110249
Karekar, R.N. *see* Ansari, Z.A. 110248
Karel, A. *see* Engel, H. 80851
Karelin, A. *see* Artemiev, V. 80101
Karelin, A.V., Shirokov, R.V., Yakovlenko, S.I. Kinetic model of an N$_2$-H$_2$ laser based on the 3s→2p transition in the lithium-like nitrogen ion 75809
Karelin, A.V., Tarasenko, V.F., Fedenev, A.V., Yakovlenko, S.I. Ultimate efficiency of a Penning neon plasma laser 65037
Karelin, A.V. *see* Boichenko, A.M. 75808
Karelin, A.Yu. Ensuring accuracy when using stars to calibrate the goniometric optical devices of spacecraft 111036
Karelin, A.Yu., Kiselev, V.G. Two methods of determining the relative position of affiliated spacecraft 111037
Karelin, A.Yu. *see* Panasenko, A.F. 111038
Karel'skii, V.G. *see* Belyaev, A.A. 75811
Karel'skii, V.G. *see* Belyaev, A.A. 116307
Karelsky, V.G. *see* Danilov, O.B. 116364
Karenlampi, M., Verho, P., Jarventausta, P., Partanen, J. A neural network for modeling and forecasting MV-feeder loads 102118
Karenlampi, M. *see* Jarventausta, P. 102096
Karenlampi, M. *see* Paulasaari, H. 102103
Karenlampi, M. *see* Verho, P. 70898
Karenlampi, M. *see* Verho, P. 102097
Karetnikov, A.A., Isaev, M.V., Kovshik, A.P. High-speed prism modulator based on Lagerwall-Clark effect 95876
Karetnikov, A.A., Kovshik, A.P. Linear prism liquid-crystal polarizer 95877
Karetnikov, M. *see* Shalnov, A. 89597
Karetnikov, M. *see* Shalnov, A. 89730
Karetskaya, S.P. *see* Glikman, L.G. 79889
Karetskaya, S.P. *see* Glikman, L.G. 110492
Karev, A.I., Melekhin, V.N., Shvedunov, V.I., Sobenin, N.P., Trower, W.P. A permanent Race-Track Microtron end magnet 89808
Karev, A.I. *see* Shvedunov, V.I. 89688
Karev, A.I. *see* Sobenin, N.P. 100693
Karg, S. *see* Meier, M. 75754
Karga, P.V. *see* Bezotosny, V.V. 75916
Kargarnovin, M.H., Madani, M., Savadkohi-Goran, D. An investigation on the effect of stem size and type of prosthesis fixation on stress distribution of the femur using finite element method 120525
Kargin, N.I. *see* Sinel'nikov, B.M. 75715
Kargin, Yu.F., Skorikov, V.M. Photorefractive crystals of the sillenite structure 106736
Karha, P. *see* Ikonen, E. 89101
Karha, P. *see* Liedquist, L. 88905
Karhunen, J. *see* Joutsensalo, J. 108800
Kari, A. *see* Morgan, C.J. 110876
Kari, H.H. *see* Hamalainen, J. 88342
Karib'yants, N.S. *see* Demidovich, V.M. 114847
Karib'yants, V.R. *see* Demidovich, V.M. 114847
Karila, K. *see* Toivonen, M. 120571
Karilahti, M. *see* McNally, P.J. 74678
Karilahti, M. *see* McNally, P.J. 74766
Karim, M.A., Awwal, A.A.S. Electrooptic displays for optical information processing 79608
Karim, M.A. *see* Ahmed, F. 86969
Karim, M.A. *see* Grote, J.G. 85204
Karim, M.A. *see* Iftekharuddin, K.M. 77102
Karim, M.A. *see* Iftekharuddin, K.M. 117581
Karim, M.N. *see* Luo, W. 70537
Karimaeki, V. Hit covariance formalism for stereo detectors 90172
Karimi, K.J., Booker, A., Mong, A. Modeling, simulation, and verification of large DC power electronics systems 120634
Karimov, A.V., Edgorova, D.M. Specific features of radiation-induced defect behavior in photosensitive structures 114688
Karimov, A.V., Edgorova, D.M., Agzamova, M.K. A study of CdS-GaAs heterojunction properties 75719
Karimov, Kh.G., Bobozhanov, M.K. New design of pole-changing windings for induction motors for intense operating conditions 102681
Karimov, M.A. *see* Aiibzhonov, M. 114611
Karimpanakkei, S. *see* Ostapenko, S. 84019
Karine, D. *see* Ludovic, S. 121501
Karino, S. *see* Hinamoto, T. 114111
Karino, T. *see* Kasa, N. 91813
Karisch, S.E., Rendl, F., Wolkowicz, H. Trust regions and relaxations for the quadratic assignment problem 92525
Karita, M. *see* Nakagawa, H. 91444
Kariuki, K.K., Allan, R.N. Applications of customer outage costs in system planning, design and operation 102073
Kariya, K., Takayama, S., Kochi, H. Laboratory model for thinking of measurement science 119515
Kariya, T. *see* Chichibu, S. 113297
Kariya, T. *see* Sakamoto, K. 94195
Kariyasaki, A., Katsuki, T., Kagawa, M. Measurement of the bubble velocity in two-phase air-water flow 69572
Karjala, T.W. *see* Bushman, S. 63399
Karjalainen, M. *see* Tian, X.-L. 86290
Karjalainen, M. *see* Tian, X.-L. 97591
Karjalainen, M. *see* Valimaki, V. 79198
Karkanis, S.A. Statistical texture discrimination based on wavelet decomposition 87174
Karkkainen, K.H.A., Leppanen, P.A. Linear complexity of binary Golay complementary sequences 66295
Karkkainen, T. A linearization technique and error estimates for distributed parameter identification in quasilinear problems 82561
Karklin, L. *see* Velikov, D. 115046
Karklin, L. *see* Velikov, D. 115085
Karkowski, I., Otten, R.H.J.M. An automatic hardware-software partitioner based on the possibilistic programming 73034
Karl, A. *see* Feldvoss, M. 104302
Karl, F.X. *see* Trbojevic, D. 89911
Karl, M., Talmi, M. TMS320C40 applications for real-time image processing: Communication port interface designs for synchronized data transfer 93404
Karl, M. *see* Ludwigs, M. 97915
Karl, W., Kulkarni, S.R., Verghese, G.C., Willsky, A.S. Local tests for consistency of support hyperplane data 67078
Karl, W.C. *see* Stadler, R.W. 70038
Karlapalem, K. *see* Yu-Kwong Kwok 109208
Karlberg, B.-E., Willhammar, L. An ultra-quick charger for nickel-cadmium batteries 112085
Karlberg, G. *see* Molander, A. 71103
Karlen, D. *see* Dixit, M.S. 101308
Karlgren, J. *see* Palme, J. 77912
Karlgren, K., Bretan, I., Frost, N., Jonsson, L. Interaction models, reference, and interactivity in speech interfaces to virtual environments 66577
Karlicek, R. *see* Thompson, A.G. 92761
Karlicek, R.F. *see* Chu, S.N.G. 114862
Karlicek, R.F. *see* Kojima, K. 75991
Karlicek, R.F., Jr. *see* Grieshaber, W. 116218
Karlicek, R.F., Jr *see* Peartona, S.J. 105271
Karlicek, R.F., Jr. *see* Shul, R.J. 94782
Karlin, A.K. *see* Mamatov, Yu.A. 62097
Karlin, A.K. *see* Mamatov, Yu.A. 73600
Karls, I. *see* Baumgarten, U. 78092
Karlsen, R. *see* Tagliarini, G. 87162
Karlsen, R.E., Meitzler, T., Gerhart, G.R., Gorsich, D., Choe, H.C. Comparative study of wavelet methods for ground vehicle signature analysis 87173
Karlsen, R.E. *see* Choe, H.C. 97668
Karlson, N.N. *see* Bulavskii, D.V. 115284
Karlsoon, J. *see* van Deventer, M.O. 88496
Karlsson, A. *see* Bernekorn, P. 116982
Karlsson, A. *see* Schiess, M. 88536
Karlsson, B., Lauber, A. The role of measurement in industrial recycling 113052
Karlsson, B., Pourcelot, D., Pourcelot, L., Berson, M. Miniature sensor for Doppler ultrasound fetal heart rate monitoring. Increased patient comfort and ergonomy in use 120376
Karlsson, B. *see* Andersson, M. 111495
Karlsson, C. *see* Angelov, I. 83539
Karlsson, C. *see* Bengtsson, L. 114274
Karlsson, C. *see* Carlsson, L. 81206

Karlsson, C. *see* Rorsman, N. 62243
Karlsson, C. *see* Svedin, J. 117063
Karlsson, C. *see* Zirath, H. 93915
Karlsson, D., Nyberg, S., Sjodin, J.-O., Eriksson, L. Deep hole ground electrode for HVDC transmission 91120
Karlsson, D. *see* Larsson, M. 102113
Karlsson, D. *see* Lind, R. 102112
Karlsson, E. *see* Qiang Li 66832
Karlsson, G. Capacity reservation in ATM networks 87291
Karlsson, G. Asynchronous transfer of video 98399
Karlsson, G. Simple model for the overcharge reaction in valve regulated lead/acid batteries under fully stationary conditions 121847
Karlsson, G., Djuknic, G. The role of video in broadband communications: enabler and enhancer of applications, or hype? 118616
Karlsson, G. *see* Lin, E.C. 118372
Karlsson, H., Sorsdal, T. Pressure coefficients of 1 Ω Thomas-type resistance standards 68956
Karlsson, J. *see* Ekstroem, C. 69681
Karlsson, J. *see* Forssen, U. 68233
Karlsson, M. *see* Berntson, A. 109627
Karlsson, M. *see* Hedekvist, P.O. 65512
Karlsson, M. *see* Zackrisson, B. 90589
Karlsson, P.R., Jeppson, K.O. An efficient method for determining threshold voltage, series resistance and effective geometry of MOS transistors 63697
Karlsson, P.R. *see* Jeppson, K.O. 115199
Karlsson, T., Liss, G. HVDC transmissions with extremely long DC cables control strategies 91116
Karlsson, U.O. *see* Simpson, W.C. 94325
Karlsson-Troadec, J. *see* Mina, R. 108967
Karma, O. Approximation in eigenvalue problems for holomorphic Fredholm operator functions. I 82553
Karma, O. Approximation in eigenvalue problems for holomorphic Fredholm operator functions. II 82562
Karmakar, N.C., Bialkowski, M.E. A 2×2-element sequentially rotated patch antenna array for a Mobilesat briefcase antenna system 117060
Karmanenko, S.F. *see* Grigorov, K.G. 95480
Karmel, C.R. *see* Fague, D.E. 73154
Karmouch, A. *see* Falchuk, B. 87924
Karn, J., Dunham, B., Tiefenback, M. Operational monitoring of the CEBAF RF system 89944
Karnachev, A.S., Solov'ev, E.E. Pulsed coherent NMR-NQR spectrometer 119542
Karnadi, M. *see* Brauksiepe, S. 100815
Karnakis, D.M. *see* Dyer, P.E. 95226
Karnakis, D.M. *see* Dyer, P.E. 95640
Karnauhov, E. *see* Khulugurov, V. 96222
Karnaukhov, I., Kononenko, S., Shcherbakov, A., Nemosntalenko, V., Molodkin, V., Shpak, A. A combined magnet lattice of the synchrotron light source ISI-800 79776
Karnaukhov, I. *see* Bulyak, E. 80149
Karnaukhov, I. *see* Efimov, S. 79962
Karnaukhov, I.M. *see* Belakin, V.Ye. 74063
Karner, D. *see* Berisha, S.H. 112573
Karner, G., Olsson, S. Increased co-operation with filmless radiology department–results and experience with four years of development work in Mjolby Health Care Center, Sweden 110811
Karner, H. *see* Tanaka, T. 64113
Karner, H.C., Knobloch, H. Sulphur hexafluoride in present-day power supply 71585
Karnes, W.K. *see* Wright, M. 99776
Karnett, M., Zhou, J., Ghosh, S., Echtle, D., Fritz, L., Wu, K., Manley, M., Scott, G., Ding, L., Moslehi, B. Plasma-induced oxide contamination in a 0.35 μm CMOS process 106208
Karni, R., Belikoff, S. Concurrent engineering design using interval methods 103396
Karnishin, V.V. Acoustic lens system with variable aperture for the acoustic microscope 101587
Karnofsky, K. Speeding DSP algorithm design 86206
Karnowski, T.P. *see* Gleason, S.S. 82317
Karnowski, T.P. *see* Tobin, K.W. 115279
Karny, M., Nedoma, P., Bohm, J., Halouskova, A. Approximate ARX model estimation for jacketing adaptive systems 108254
Karol, M., Veeraraghavan, M., Eng, K. Mobility-management and media-access issues in the BAHAMA wireless ATM LAN 67852
Karol, M. *see* Pancha, P. 77657
Karol, M. *see* Veeraraghavan, M. 77993
Karol, M.J., Haas, Z.J., Woodworth, C.B. Performance advantages of time-frequency-sliced systems 99183
Karol, M.J. *see* Ayanoglu, E. 108773
Karol, M.J. *see* Liu, Z. 118032
Karol, M.J. *see* Woodworth, C. 78306
Karol, M.J. *see* Zhao Liu 88273
Karoliussen, H. *see* Odegard, R. 81866
Karolyi, G., Tardos, G. On point covers of multiple intervals and axis-parallel rectangles 92478
Karow, H.U. *see* Baumung, K. 110480
Karp, A. *see* Lum, R.M. 92731
Karp, A. *see* Lum, R.M. 103906
Karp, J.S., Muehllehner, G., Smith, R. Singles transmission in positron emission tomography using ^{137}Cs 90428
Karp, J.S. *see* Freifelder, R. 90427
Karp, J.S. *see* Lingxiong Shao 90442
Karp, J.S. *see* Smith, R.J. 90356
Karp, J.S. *see* Smith, R.J. 101107
Karp, J.S. *see* Smith, R.J. 101278
Karp, J.S. *see* Smith, R.J. 101343
Karp, J.S. *see* Wear, J.A. 90350
Karp, J.S. *see* Wear, J.A. 101312
Karp, J.S. *see* Yan, M.X.H. 90437
Karpelevich, F.I. *see* Vvedenskaya, N.D. 118061
Karpenko, A.Y. *see* Vikhliy, G.A. 120560
Karpenko, N.N. *see* Aleev, A.N. 120186
Karpenko, V., Barnard, J., Deadrick, F., Friedman, A., Grote, D., Lund, S., Meredith, J., Nattrass, L., Nelson, M., Newton, M., Repose, G., Sangster, C., Sharp, W., Fessenden, T., Longinotti, D., Ward, C. Mechanical design of recirculating accelerator experiments for heavy-ion fusion 89695
Karpenko, V. *see* Danik, Y. 87152
Karpierz, M.A., Sypek, M. Coupled solitons in waveguides with quadratic and cubic nonlinearity 65452
Karpierz, M.A., Wolinski, T.R., Sierakowski, M. Liquid crystalline directional coupler with asymmetrical nonlinearity 116077
Karpinski, M. *see* Gasieniec, L. 97525
Karpinski, M. *see* Grigoriev, D. 92461
Karpinski, W., Lubelsmeyer, K., Pierschel, G., Rente, C., Tenbusch, F. DC and noise performance of C-HFET transistors at low drain current densities 115240
Karpinski, W., Luebelsmeyer, K., Pierschel, G., Rente, C., Tenbusch, F. DC and noise performance of C-HFET transistors at low drain current densities 106068
Karpinski, W. *see* Braunschweig, W. 120140
Karpinsky, J.R. *see* Clark, R.L. 75580
Karplus, K. *see* Hirschberg, J.D. 104502
Karpov, A., Blondel, J., Lazareff, B., Bilon-Pierron, D., Gundlach, K.H. Quasiparticle mixer approaching quantum limited sensitivity 62297
Karpov, A., Blondel, J., Voss, M., Gundlach, K.H. Four photons sensitivity heterodyne detection of submillimeter radiation with superconducting tunnel diodes 79096
Karpov, I. *see* Venkateswaran, N. 92811
Karpov, O.V., Gumenuk, V.S., Koutovoi, V.D., Shilov, K.A., Shakirzyanova, F.R. HTSC SQUID-based set-up for calibration of voltage dividers and AC voltmeters 109978
Karpov, O.V., Kutovoi, V.D., Markin, A.S., Shakirzyanov, F.R., Shilov, K.A. High-temperature superconducting SQUID as calibrator of AC voltage dividers and LF voltmeters 89208
Karpov, S.Yu., Makarov, Yu.N., Ramm, M.S. Theoretical consideration of Si-droplets and graphite inclusions formation during chemical vapor deposition of SiC epitaxial layers 103992
Karpov, S.Yu., Makarov, Yu.N., Ramm, M.S., Talalaev, R.A. Excess phase formation during sublimation growth of silicon carbide 103822
Karpov, S.Yu. *see* Alexeev, A.N. 72819
Karpov, S.Yu. *see* Chaly, V.P. 96241
Karpov, S.Yu. *see* Hofmann, D. 104136
Karpov, V.I. *see* Dianov, E.M. 96139
Karpovich, A.A. *see* Aleksandrov, K.S. 106330
Karppinen, M., Yamauchi, H., Suematsu, H., Fukunaga, O. Synthesis of various LaCuO$_{3-y}$ phases by a high-pressure technique and subsequent post-annealing treatments 106663
Karppinen, M. *see* Buckley, J. 89629
Karpuk, S.M., Romanov, O.G., Rubanov, A.S., Tolstik, A.L. Double phase conjugation upon nondegenerate four-wave mixing 116760
Karpukhin, S.N. Q-switched 1 J 100 pps rod YAG laser with SBS mirror 107183
Karpukhin, V.V., Korenchenko, A.S., Korenchenko, S.M., Kravchuk, N.P., Kuchinskii, N.A., Ritt, S., Khomutov, N.V. Cylindrical proportional multiwire chamber for the study of $\pi^+\rightarrow\pi^0e^+\nu_e$ decay 90183
Karpur, P. *see* Kundu, T. 61466
Karpushko, F.V., Sinitsyn, G.V., Yasukevich, A.S., Khodasevich, M.A. Detection of methane traces by a multimode Nd:YAG laser spectrodetector 111301
Karpushko, F.V. *see* Sinitsyn, G.V. 85725
Karrai, K., Grober, R.D. Piezo-electric tuning fork tip-sample distance control for near field optical microscopes 100078
Karrai, K., Kolb, G., Abstreiter, G., Schmeller, A. Optical near-field induced current microscopy 100028
Karrakchou, M., Kunt, M. Wavelet packets for interference cancelling in biomedical systems 80179
Karrakchou, M., Vibe-Rheymer, K., Vesin, J.-M., Pruvot, E., Kunt, M. Improving cardiovascular monitoring through modern techniques 120261
Karras, D.A. *see* Perantonis, S.J. 110759
Karras, T., Wilson, D.C., Geiser, E.A., Conetta, D.A. Automatic identification of papillary muscles in left-ventricular short-axis echocardiographic images 69950
Karrer, H. *see* Etter, A. 98547
Karrer, N. *see* Gerster, C. 121715
Karrer, N. *see* Hofer, P. 121671
Karri, P., Puri, A., Jinke Tang Large room temperature magneto-optical Kerr effect in magnetic materials 115492
Karri, R., Hogstedt, K., Orailoglu, A. Computer-aided design of fault-tolerant VLSI systems 104269
Karri, R., Orailoglu, A. Time-constrained scheduling during high-level synthesis of fault-secure VLSI digital signal processors 113963
Karri, R. *see* Dasgupta, A. 84457
Karri, R. *see* Dasgupta, A. 84549
Karri, R. *see* Iyer, B. 82846
Karsa, Z. *see* Bareith, A. 71050
Karsai, J. *see* Graef, J.R. 72649
Karshakov, V.P. *see* Murashkina, T.I. 79517
Karshev, Yu., Fedotov, Yu., Komarov, V., Lobov, I. User-friendly interface for operator in the controls of UNK beam-transfer line 89941
Karsikas, R. *see* Mattila, K.T. 120285
Karsilayan, A.Ilker *see* Ilker Karsilayan, A.
Karssemeijer, N., te Brake, G.M. Detection of stellate distortions in mammograms 120293
Karstedt, K. Where the computer can be put to best use. Support in the development and upkeep of quality systems 60670
Kart, A.M. *see* Buklerskii, A.V. 101506
Kartalovic, N. *see* Petkovic, I. 110013
Kartashov, V.Ya., Demchenko, O.N., Aleksandrov, A.V. Restoration of dynamic characteristics of a continuous object from discrete observations 67175
Karthe, W. *see* Gase, T. 75595
Karthe, W. *see* Gase, T. 107549
Karthikeyan, M.R., Radhakrishna Rao, K. A software tool for analog filter design 62003
Karthikeyan, S. *see* Attar, G. 112369
Kartika Prihadi *see* Bernadas, S. 79200
Kartner, F.X. Soliton mode-locking for ultrashort pulse generation with slow saturable absorbers 116460
Kartner, F.X. *see* Fluck, R. 65154
Kartner, F.X. *see* Jung, I.D. 116708
Kartner, F.X. *see* Kopf, D. 96227
Karttaavi, T. *see* Lahteenmaki, J. 100283
Kartz, M.A. *see* Salmon, J.T. 85552
Karu, K., Jain, A.K., Bolle, R.M. Is there any texture in the image? 98313
Karu, K. *see* Ratha, N.K. 98226
Karube, I. *see* Ikebukuro, K. 110236
Karumidze, G.S., Shavelashvili, Sh.Sh. Application of boron isotopes and neutron irradiation for fabrication of p-n junctions in diamond films 63257
Karunakara, K., Nambudiri, P.V.V., Arabhya, S., Kumar, E.M., Channakeshava Design of computerised unbalance measuring system 71012
Karunakara, K. *see* Maruthi, R. 70946
Karunakaran, S. *see* Abdul Latheef, G. 76486
Karunanidhi, K. *see* Kanaka, T.S. 120258
Karunaratne, P. *see* Jouny, I. 88672
Karunasiri, G. Thermionic emission and tunneling in InGaAs/GaAs quantum well infrared detectors 79400
Karunasiri, G., Shih, R., Chen, J. Normal incident intersubband infrared detector using n-type InGaAs/GaAs quantum wells 69146
Karuppan, C.M., Karuppan, M., Schaefer, I.M. Total safety management: a TQM approach to industrial safety 92304
Karuppan, M. *see* Karuppan, C.M. 92304
Karuzskii, A.L., Kvit, A.V., Murzin, V.N., Mityagin, Yu.A., Perestoronin, A.V., Aleshchenko, Yu.A., Mel'nik, N.N. Effect of nonequilibrium-carrier tunneling on photoluminescence spectra of semiconductor structures with asymmetric quantum wells 63009
Karvelas, E. *see* Adam, W. 69709
Karvelis, G.A., Manias, S.N. Analysis and design of a flyback zero-current switched (ZCS) quasi-resonant (QR) AC/DC converter 121613
Karvelis, G.A., Nagel, A., Manias, S.N., Schope, F. Reduction of EMI emission of an on-board charger for electric vehicles 71826
Karweina, D. Aspects of control engineering using Schkopau power station as an example 111706
Karwoski, R.A. *see* Higgins, W.E. 80274
Karwowski, K., Mizan, M. Microprocessor controller of AC drive system 112512
Karwowski, W. *see* Ukita, A. 94104
Kary Chien Wei-Ting *see* Wei-Ting Kary Chien
Karyakin, A.A., Bobrova, O.A., Lukachova, L.V., Karyakina, E.E. Potentiometric biosensors based on polyaniline semiconductor films 119746
Karyakin, R.N. Electromagnetic processes in extended earth electrodes in inhomogeneous structures 121238
Karyakina, E.E. *see* Karyakin, A.A. 119746
Karybakas, C.A. *see* Papazoglou, C. 62086
Karymov, A.A. *see* Glazenko, A.V. 71229
Karyotakis, Y. *see* Basti, G. 90164
Karyukhin, A. *see* Alvsvaag, S.J. 90124
Karzanov, A.V. How to tidy up a symmetric set-system by use of uncrossing operations 60806
Kasa, A. *see* Frigyes, I. 85858
Kasa, I., Solymosi, J., Molnar, A. Preparation and investigation of thermoluminescence properties of CaSO$_4$:Dy,Cu 95976
Kasa, N., Karino, T., Watanabe, H. An estimating method of instantaneous load torque by wavelet transform for the induction motor drive 91813
Kasa, N. *see* Tada, M. 121507
Kasahara, A. *see* Tosa, M. 94156
Kasahara, H., Akita, S., Torii, S., Sugimoto, M., Matsumoto, K., Tanaka, Y., Tachikawa, K. Development of 100 kVA AC superconducting coil using NbTi cables with a CuSi alloy matrix 95399

Kasahara, H., Hara, S., Morinaga, N. Modeling and simulation analysis of indoor packet radio communication systems 109411
Kasahara, H., Moriyama, T., Yamaguchi, Y., Yamada, H. On an equivalent sensitivity time control circuit for FM-CW radar 119294
Kasahara, H., Okuda, H., Shimamura, K. DAVIC: interoperability solution for video-on-demand systems 78227
Kasahara, H., Torii, S., Akita, S., Kubota, Y., Yasohama, K., Kobayashi, H., Ogasawara, T., Kumano, T., Sei-Ichi Miyake Development of an Nb_3Sn AC coil with react & wind method 95568
Kasahara, H. *see* Nakano, K. 108146
Kasahara, H. *see* Ogawa, K. 68841
Kasahara, H. *see* Sugimoto, M. 121179
Kasahara, H. *see* Torii, S. 102631
Kasahara, J., Utada, H., Kinoshita, H. GeO-TOC project–reuse of submarine cables for seismic and geoelectrical measurements 70469
Kasahara, K. *see* Kajita, M. 88555
Kasahara, K. *see* Shimomura, S. 63572
Kasahara, M. *see* Kawahara, I. 100231
Kasahara, M. *see* Minami, N. 66248
Kasahara, M. *see* Minami, N. 86341
Kasahara, M. *see* Sakakibara, K. 97571
Kasahara, M. *see* Sakakibara, K. 117165
Kasahara, M. *see* Tsuda, I. 113919
Kasahara, M. *see* Umeda, T. 117170
Kasahara, M. *see* Wadayama, T. 97485
Kasahara, M. *see* Watanaabe, S. 71153
Kasahara, R. *see* Irie, T. 78671
Kasahara, R. *see* Shiraishi, K. 116097
Kasahara, S., Takine, T., Takahashi, Y., Hasegawa, T. MAP/G/1 queues under n-policy with and without vacations 82381
Kasai, H., Iida, R., Kanbara, H., Okada, S., Matsuda, H., Oikawa, H., Kaino, T., Nakanishi, H. Organic microcrystals as optical Kerr shutter materials 85634
Kasai, H. *see* Kato, D. 68927
Kasai, J., Sato, M., Fujisawa, T., Uno, T., Waki, M., Hayashida, K., Kawahara, T. Low cost chip scale package for memory products 92215
Kasai, J., Tsuji, K., Yoneda, Y., Orimo, S., Nomoto, R., Sakoda, H., Onodera, M. Development of micro BGA and QFN by leadframe terminal formation method 103454
Kasai, M. *see* Kubota, Y. 118386
Kasai, N., Nakayama, S., Chinone, K., Ataka, T. Development of a DC SQUID magnetometer system for nondestructive evaluation 113588
Kasai, N. *see* Alvarez, G.A. 84873
Kasai, N. *see* Morooka, T. 69081
Kasai, N. *see* Yamamoto, K. 62337
Kasai, N. *see* Yamamoto, K. 78534
Kasai, R. *see* Ikeda, M. 73416
Kasai, R. *see* Minami, T. 83087
Kasai, R. *see* Ogura, T. 113949
Kasai, R. *see* Suguri, K. 77531
Kasai, S. *see* Maruyama, K. 100989
Kasai, S. *see* Mochida, T. 81253
Kasai, S. *see* Onozuka, M. 97005
Kasai, T. *see* Osada, T. 100332
Kasai, Y., Suzuki, A., Tanoue, H., Nagai, T., Sakai, S. MBE growth of BiSrCaCuO films using flux monitoring by atomic absorption spectroscopy 82598
Kasakawa, M. *see* Taruya, N. 67826
Kasal, M. *see* Villa, M. 79282
Kasama, K. *see* Yoshino, H. 105775
Kasami, T., Fujiwara, T., Desaki, Y. The weight distributions of cosets of the second-order Reed-Muller code of length 128 in the third-order Reed-Muller code of length 128 66294
Kasami, T., Koumoto, T., Takata, T., Fujiwara, T., Lin, S. The least stringent sufficient condition on the optimality of suboptimally decoded codewords 66473
Kasami, T. *see* Moorthy, H.T. 66477
Kasami, T. *see* Morelos-Zaragoza, R. 97450
Kasami, T. *see* Morelos-Zaragoza, R.H. 66301
Kasami, T. *see* Sano, T. 118087
Kasami, T. *see* Sugita, T. 97568
Kasami, T. *see* Watanabe, H. 97479
Kasami, T. *see* Yamamoto, H. 66397
Kasap, S.O. *see* Johanson, R.E. 62667
Kasapi, A. Three-dimensional vector model for a three-state system 96626
Kasapi, A., Yin, G.Y., Jain, M. Pulsed Ti:sapphire laser seeded off the gain peak 65113
Kasatkin, S.I., Kosse, L.I., Mal'tsev, V.V., Murav'ev, A.M., Olefirenko, P.P., Politova, E.D., Firsov, A.V., Shabadash, A.N. Multilayer metallized magnetic tapes 64441
Kasaya, K. *see* Mitomi, O. 85053
Kasaya, N. *see* Kavalerov, V. 89575
Kaschani, K.T., Sittig, R. How to avoid TRAPATT oscillations at the reverse-recovery of power diodes 63546
Kasche, B., Fey, D. Optimal algorithms for floating point operations adapted for a 3D smart pixel processing system 106898
Kaschmitter, J. *see* Josephs, L.C. 83557
Kase, I. *see* Ichiya, Y. 87603
Kase, I. *see* Takayama, J. 118661
Kase, J. *see* Tomita, N. 84920
Kase, M. *see* Nakagawa, T. 100786
Kase, M. *see* Okamura, H. 119991
Kase, T. *see* Isaka, S. 112048
Kasei, S. *see* Maruyama, M. 69497
Kasem, M. Design and characteristics of high performance plastic QFPs for power IC devices 93117
Kasem, M. Thermal management and design aspects of high performance plastic quad flat packages for smart-power ICs 103432
Kasemann, C. *see* Gusten, R. 68806
Kasemo, B. *see* Rodahl, M. 119618
Kaser, F. *see* Haberlin, H. 91394
Kasera, S. *see* Kumar, M. 87923
Kaseya, H., Toyoshima, T., Suzuki, R., Kitazima, I. Inspection of a CPM YAG laser pulse by a grating-pair 65156
Kasezawa, T., Ito, H., Hatano, Y., Nakai, T. Video buffer models of image division coding 67364
Kash, J.A., Pezeshki, B., Agahi, F., Kisker, D.W. Near field microscopy of vertical cavity lasers 65394
Kash, J.A. *see* Gekhtman, D. 63005
Kash, J.A. *see* Pezeskhi, B. 116529
Kashaba, A.Y. *see* Bizioukov, A.A. 120089
Kasharsky, E.G. *see* Rutberg, F.G. 71279
Kashеrininov, P.G. *see* Zelenin, I.A. 64795
Kashi, R.S., Papathomas, T.V., Gorea, A., Julesz, B. Similarities between texture grouping and motion perception: the role of color, luminance, and orientation 86630
Kashi, R.S., Turin, W., Nelson, W.L. On-line handwritten signature verification using stroke direction coding 117754
Kashigin, S. *see* Dubbs, T. 80026
Kashigin, S. *see* Dubbs, T. 100839
Kashigin, S. *see* Dubbs, T. 100849
Kashigin, S. *see* Unno, Y. 80035
Kashigin, S. *see* Unno, Y. 100858
Kashihara, M. *see* Matsumoto, H. 67774
Kashihara, T., Shimizu, O., Yonemura, R., Morii, M., Anzai, Y., Isoyama, Y., Kagawa, K., Iwashita, T. Development of a head-up display for car navigation systems 103148
Kashihara, Y. *see* Konishi, H. 69911
Kashikhin, V., Miasnikov, Yu., Nagaenko, M., Nikiforovsky, A., Pavlov, S., Rozhdestvensky, B., Shukeilo, I., Severgin, Yu., Sudarushkin, A., Vasiliev, V., Bechtold, V., Einfeld, D., Schweikert, H. The main dipole prototype for the KfK Synchrotron Radiation Source 90059
Kashikin, V. *see* Moser, H.O. 79772
Kashima, F. *see* Takeuchi, Y. 64652
Kashima, H., Furukawa, Z., Ishida, Y., Ushijima, I. Searching Internet resources using IP multicast 87696
Kashima, M. *see* Watanabe, R. 78323
Kashima, N., Iwata, H. Fibre parameter dependence of skew in singlemode fibre ribbons 106791
Kashima, T. *see* Ikeda, M. 80868
Kashima, Y. *see* Munakata, T. 65228
Kashima, Y. *see* Munakata, T. 79735
Kashimura, Y., Suzuki, Y. Study on vibration control of boring tool and recognition of cutting state 64170
Kashinov, V.V. Optimal clamping of time position of pulsed signals in the presence of interferences 117364
Kashinov, V.V. *see* Voznesenskii, V.V. 103540
Kashinskii, V.I. *see* Martynova, O.I. 121354
Kashiro, T. *see* Hasegawa, K. 78271
Kashiro I, T., Kawamura, S., Imai, N., Fukuda, K., Matsumura, K., Ibaraki, N. Importance of first layer thickness on TFT characteristics using a-Si:H deposited by 2-step process 94999
Kashiwa, D. *see* Choong Seon Hong 78203
Kashiwa, S. *see* Ikeda, N. 115155
Kashiwa, T., Kato, T., Komaru, M. Q-band low-noise variable-gain amplifier MMIC modules using dual-gate HEMTs 104860
Kashiwa, T., Katoh, T., Yoshida, N., Komaru, M., Takagi, T. A Q-band low-noise, variable-gain amplifier based on dual gate HEMT MMICs 73785
Kashiwa, T., Katoh, T., Yoshida, N., Minami, H., Kitano, T., Komaru, M., Tanino, N., Takagi, T., Ishihara, O. A Q-band high gain, low noise variable gain amplifier using dual gate AlGaAs-InGaAs pseudomorphic HEMTs 62356
Kashiwa, T. *see* Kanai, Y. 70214
Kashiwa, T. *see* Kanai, Y. 110919
Kashiwa, T. *see* Katoh, T. 93910
Kashiwa, T. *see* Yoshida, N. 85787
Kashiwaba, Y., Abe, R., Ikeda, T., Horie, H.O., Nakamura, M., Shoubuzawa, Y. Selective migration of Cd in amorphous Cd-Sb films 94565
Kashiwabara, S. *see* Inoue, N. 82764
Kashiwabara, S. *see* Inoue, N. 92918
Kashiwabara, T. *see* Kizu, T. 103650
Kashiwabara, Y. *see* Yoshinaga, H. 83446
Kashiwabara, Y. *see* Yoshinaga, H. 84465
Kashiwada, T. *see* Koyano, Y. 65067
Kashiwada, T. *see* Shigematsu, M. 88499
Kashiwagi, A. *see* Imai, T. 88440
Kashiwagi, H. *see* Miyata, C. 83049
Kashiwagi, K. M-sequence and its applications to measurement and control 108172
Kashiwagi, K. *see* Sato, H. 78535
Kashiwagi, T., Kaneko, I., Watanabe, Y., Taguchi, S. Metal glazed thick film resistors formed on glass substrate fired at low temperature 104894
Kashiwagi, T., Wakabayashi, T., Hayashi, Y., Iwamoto, S. ELD calculation using quadratic programming based on binary search 102438
Kashiwakura, S. *see* Azegami, K. 61785
Kashkarov, P.K., Konstantinova, E.A., Matveeva, A.B., Timoshenko, V.Y. Photovoltage and photoinduced charge trapping in porous silicon 74113
Kashkarov, P.K. *see* Konstantinova, E.A. 94309
Kashkarov, P.K. *see* Prudnikov, R.V. 105454
Kashkarov, P.K. *see* Timoshenko, V.Yu. 94299
Kashkarov, P.K. *see* Timoshenko, V.Yu. 94314
Kashkarov, S.S. *see* Gaikovich, K.P. 107892
Kashkoush, I. *see* Gale, G. 114925
Kashnikov, B.P. *see* Kalinin, S.V. 64898
Kashtan'er, V.L. *see* Goloborod'ko, V.T. 68950
Kashuap, R., Swanton, A., Armes, D.J. Simple technique for apodising chirped and unchirped fibre Bragg gratings 75503
Kashyap, P., Sharma, D.B. Preparation and characterization of Cu-based thermistors 104890
Kashyap, R., Froehlich, H.-G., Swanton, A., Armes, D.J. Super-step-chirped fibre Bragg gratings 85024
Kashyap, R., Froehlich, H.-G., Swanton, A., Armes, D.J. 1.3 m long super-step-chirped fibre Bragg grating with a continuous delay of 13.5 ns and bandwidth 10 nm for broadband dispersion compensation 106790
Kashyap, R. *see* Chemikov, S.V. 116116
Kashyap, R.L. *see* Kadaba, S.R. 77403
Kashyap, R.L. *see* Moni, S. 109214
Kasibhotla, V., McCurdy, A.H. Mode coupling and conversion in an electron beam-driven low Q gyrotron 62611
Kasimirenko, V. *see* Sunduchkov, K. 99435
Kasimov, E.R. *see* Kasimov, R.M. 76407
Kasimov, R.M., Kalafi, M.A., Kasimov, E.R., Kadzhar, Ch.O., Salaev, E.Yu. Quenching of reflected electromagnetic radiation by polar dielectrics 76407
Kasinathan, S., Vaideeswaran, R. On the estimation of tube-metal temperature of superheater and reheater tubes in a fossil fuel fired boiler 71129
Kasiraj, P. *see* Chiu, A. 106599
Kasirun, Z.M. Reproducing computerised picture (RCP) using rotated ordered-dither matrix 117815
Kas'ko, A.T., Krot, A.M., Minervina, Ye.B. A fast algorithm for calculating the inverse convolution for signal and image reconstruction 86267
Kasko, I. *see* Kal, S. 105306
Kas'kov, I.A. *see* Gorbunov, A.A. 92917
Kaslusky, A. *see* McChesney, C.E. 83571
Kasmir, B. Measuring range and reliability for Part 15 systems 88101
Kasner, J.H., Marcellin, M.W. Universal trellis coded quantization 66458
Kasody, R. *see* Kobayashi, K.W. 114319
Kaspar, B.M., Redshaw, M.C. Results of demonstrating the GPS guidance package integrated in an army fire support team vehicle 70614
Kaspar, J. *see* Luft, A. 107689
Kaspar, M. *see* Kroell, T. 69764
Kaspar, P. *see* Ripka, P. 119654
Kasparek, W. *see* Denisov, G.G. 74071
Kasparek, W. *see* Wagner, D. 73633
Kasparis, T. *see* Kim, S. 117807
Kasparis, T. *see* Memon, Q. 108395
Kasparis, T. *see* Memon, Q. 117712
Kasparis, T. *see* Sung-Soo Kim 108729
Kasparov, E.A. *see* Gurevich, Yu.Y. 71160
Kasper, A., Witte, K.J. 10-fs pulse generation from a uni-directional Kerr-lens mode-locked Ti:sapphire ring laser 96226
Kasper, A. *see* Rothe, H. 79341
Kasper, E. Silicium germanium heterodevices 114668
Kasper, M. *see* Franz, J. 65619
Kasper, M. *see* Mohammed, O.A. 110485
Kasperczyk, J. *see* Golis, E. 107597
Kasperovich, A.N. *see* Efimov, V.M. 104627
Kasperovich, A.N. *see* Efimov, V.M. 110049
Kasperovich, L. High performance software-only H.261 video compression on PC 86564
Kaspi, H., Kella, O. Stability of feed-forward fluid networks with Levy input 113103
Kasprowicz, A. *see* Kazmierkowski, M.P. 71782
Kasprzak, A., Solecki, G. An approximate algorithm for capacity, flow and database segments allocation assignment in wide area network 109113
Kasprzak, A. *see* Gola, M. 98786
Kasprzak, W. *see* Cichocki, A. 108462
Kasprzak, W. *see* Cichocki, A. 117438
Kasprzyk, T.E. *see* Ball, J. 120096
Kasraian, M., Botez, D. Single-lobe operation of surface-emitting complex-coupled second-order distributed-feedback diode lasers 65203
Kass, E. *see* Kim, S. 105240
Kass, R. *see* Gan, K.K. 90132
Kassabian, G. *see* Slade, S.B. 99962
Kassakian, J.G. The future of power electronics in advanced automotive electrical systems 122059
Kassakian, J.G., Wolf, H.-C., Miller, J.M., Hurton, C.J. Automotive electrical systems circa 2005 103145
Kassakian, J.G. *see* Perreault, D.J. 121766
Kassam, S. *see* Hodgkinson, L. 116064
Kassam, S. *see* Hodgkinson, L. 116183
Kassam, S.A. *see* Hoctor, R.T. 77404
Kassam, S.A. *see* Inhyok Cha 77263

Kassebaum, R. *see* McGuire, J. 112778
Kasselmann, H.P. *see* Ban, J. 69810
Kassen, W.R., Seager, J.S., Beichel, K.E., Millett, P.J. On-line electrochemical potential monitoring in the feedwater at the St. Lucie 2 PWR 102385
Kassick, E.V. *see* Martins, A.S. 121765
Kassing, T. *see* David, K. 109482
Kassissia, Y. IN services evolution in a rapidly evolving network 118545
Kassubek, J. *see* Spaniol, O. 118314
Kastelic, E. *see* Brauninger, H. 90702
Kastella, K., Musick, S. The search for optimal sensor management 109704
Kasten, D.G. *see* Zhao, T. 91165
Kastening, B. *see* Schwetje, O. 63452
Kastenmeier, B.E.E., Matsuo, P.J., Beulens, J.J., Oehrlein, G.S. Chemical dry etching of silicon nitride and silicon dioxide using CF_4/O_2/N2 gas mixtures 114928
Kastenmueller, A. *see* Gernhaeuser, R. 69126
Kastenmueller, A. *see* Zeitelhack, K. 69712
Kastepohja, A. *see* Heikkinen, J. 104946
Kastepohja, A. *see* Heikkinen, J. 113011
Kastha, D. A novel starting strategy for three phase voltage-fed inverter induction motor drives under inverter fault conditions 112443
Kasties, G., Niemoller, H.-G., Vieweg, S. Analysis of different RAIM strategies using realtime flight test data 79060
Kasties, G. *see* Evers, H. 79066
Kasties, G. *see* Fiedler, R. 79065
Kasties, G. *see* Vorbrich, K.K. 79063
Kastner, J.F., Richter, G., Herrmann, C., Tacke, M. Fast and slow current tuning of lead-chalcogenide diode lasers 96318
Kastner, M.J., Hahn, B., Auchter, C., Deufel, M., Rosenauer, A., Gebhardt, W. Structural characterization and MOVPE growth of ZnCdSe and ZnSSe layers, quantum wells and superlattices 74178
Kastner, M.J. *see* Reisinger, T. 72774
Kastner, P. *see* Hutten, H. 110923
Kastner, R., Nocham, G. Multi-region reduced field testing (RFT) for matrix thinning 65610
Kastrinos, N. Technology assessment: a concept for Europe? 92121
Kastrup, J., Grahn, H.T., Ploog, K., Merlin, R. Oscillating electric field domains in GaAs/AlAs superlattices 62969
Kastrup, J. *see* Schwarz, G. 94491
Kastrup, O., Nigri, A., Maldonado, P., Zanatta, L.C., Jr., Campones do Brasil, D.O., Moreira, F.A. Lightning performance assessment with line arresters 121243
Kastsube, M., Izawa, T. Technologies for 0.25 μm CMOS logic devices 93289
Kastuda, N. *see* Higashida, Y. 110730
Kasture, D.G. *see* Bruning, A.M. 115432
Kasturi, K. *see* Anand, S.S. 99269
Kasuga, S., Hayakawa, T., Joukou, S., Kajita, T., Koshio, Y., Kumita, T., Matsumoto, K., Nakahata, M., Sakai, A., Shiozawa, M., Suzuki, Y., Totsuka, Y., Hirata, K.S., Kihara, K., Oyama, Y., Sasaki, O., Suzuki, A.T., Ishizuka, T., Miyano, K., Okazawa, H., Nishikawa, K., Fujita, K., Koga, M., Suzuki, A. A study on the e/μ identification capability of a water Cerenkov detector and the atmospheric neutrino problem 80014
Kasuga, S. *see* Matsumura, H. 77877
Kasuga, T., Nakamura, K., Inukai, E., Abe, Y. Direct joining of BSCCO superconducting glass-ceramics using a flame-melting method 64523
Kasuga, T. *see* Kikutani, E. 100622
Kasuga, T. *see* Nakamura, E. 89632
Kasuga, T. *see* Nakamura, N. 100620
Kasuga, T. *see* Tobiyama, M. 90030
Kasuga, Y. *see* Kato, K. 102426
Kasuga, Y. *see* Nagata, S. 81771
Kasuga, Y. *see* Nagata, S. 112317
Kasugai, A. *see* Sakamoto, K. 94195
Kasugai, A. *see* Takahashi, K. 106295
Kasuh, T. *see* Tokumitsu, K. 81669
Kasukawa, A., Iwai, N., Yamanaka, N., Nakahira, Y., Yokouchi, N. Estimation of waveguide loss of 1.3 μm integrated tapered MQW fabricated by selective area MOCVD 85515
Kasukawa, A., Yamanaka, N., Iwai, N., Nakahira, Y., Yokouchi, N. Structural dependence of 1.3 μm narrow beam lasers fabricated by selective MOCVD 85518
Kasukawa, A. *see* Yokouchi, N. 65199
Kasukawa, A. *see* Yokouchi, N. 107265
Kasukawa, Y. *see* Kosaka, H. 119155
Kasumi, Y. *see* Omura, H. 89204
Kasunic, K. *see* Fallahi, M. 96400
Kasuu, O., Shibuta, N., Takahashi, K.-I., Sato, K.-I., Mukai, H. Experimental study on kA-class HTC superconducting current lead 84869
Kasuya, A. *see* Adachi, K. 61164
Kasuya, A. *see* Ishigohka, T. 95595
Kasuya, K. *see* Miyamoto, S. 69601
Kasymakhunova, A.M. *see* Iordanishvili, E.K. 121884
Kasymova, A.G. *see* Popov, V.V. 83890
Kaszkurewicz, E. *see* Baran, B. 101791
Kaszkurewicz, E. *see* Decker, I.C. 101730
Kasztelanic, R., Chalasinska-Macukow, K. Optical associative memory with the minimum average correlation energy filter 75636
Kasztenny, B., Rosolowski, E., Saha, M.M., Hillstrom, B. A power transformer model for investigation of protection schemes 112041
Kasztenny, B. *see* Izykowski, J. 121220
Kaszuba, P. A technique for achieving ultra-smooth chip cross sections 94807
Kaszuba, P. *see* Masters, M. 95134
Kata, K. *see* Kajihara, M. 72306
Katafiaz, M.E. *see* Eichenlaub, J.B. 100220
Katagi, T. *see* Furuno, T. 97306
Katagi, T. *see* Miyashita, H. 99400
Katagi, T. *see* Ohtsuka, M. 76657
Katagiri, A., Ohshima, S., Ikeda, B., Kimura, K., Ichikawa, T., Tanimoto, K., Kazumori, M., Sonobe, T., Suzuki, K., Kitajima, T. Development of 70 MW class superconducting generators 102603
Katagiri, K., Shin, H.S., Shoji, Y., Ebisawa, N., Watanabe, K., Noto, K., Okada, T., Hiraoka, M., Yuya, S. Tensile strain/transverse compressive stress dependence of critical current in Ag-sheathed Bi(2212) 7-core superconducting wires 64521
Katagiri, M. *see* Nomura, T. 79616
Katagiri, N. *see* Ohsawa, T. 81704
Katagiri, S., Morita, K.-I., Kawaguchi, N., Yoshino, T. Application of the bispectrum to the intensity measurements of point sources using millimeter array 99708
Katagiri, S. *see* Usui, S. *(editor)* 103317
Katagiri, T. *see* Kaga, T. 80861
Katagiri, T. *see* Tachikura, M. 99036
Katagiri, Y., Rikokawa, M., Sanui, K., Ogata, N. Intelligent polymers for opto-electronic applications 76244
Katagiri, Y., Takada, A. Synchronised pulse-train generation from passively mode-locked semiconductor lasers by a phase-locked loop using optical modulation sidebands 116473
Katahara, S., Aoki, M. Eye movement detection from face image sequences 87008
Katai, H. *see* Fukushima, N. 75212
Katai, O. *see* Sawaragi, T. 70467
Katakai, S. *see* Murata, Y. 64041
Katakai, S. *see* Murata, Y. 91177
Katakami, K. *see* Miura, S. 83766
Katale, K. *see* Harkar, A. 105872
Katan, R.E., Agelidis, V.G., Nayar, C.V. Performance analysis of a solar water pumping system 111845
Katane, M. *see* Kobari, T. 100406
Katane, T., Nakamura, T., Sakaki, Y. Dependence of loss factor tanδ in Mn-Zn ferrite cores on induction 115842
Kataoka, A., Adoul, J.-P., Combescure, P., Kroon, P. ITU-T 8-kbit/s standard speech codec for personal communication services 68294
Kataoka, A., Hayashi, S., Moriya, T., Kurihara, S., Mano, K. Basic algorithm of conjugate-structure algebraic CELP (CS-ACELP) speech coder 88006
Kataoka, A., Hayashi, S., Moriya, T., Kurihara, S., Mano, K. Basic algorithm of conjugate-structure algebraic CELP (CS-ACELP) speech coder 97626
Kataoka, A., Moriya, T., Hayashi, S., Ikedo, J. LSP and gain quantization for CS-ACELP speech coder 88007
Kataoka, A., Moriya, T., Ikedo, J., Hayashi, S. LSP and gain quantization for CS-ACELP speech coder 97627
Kataoka, A., Ozawa, N., Nishimura, N. The supervisory control room in the future 102343
Kataoka, A. *see* Hayashi, S. 88008
Kataoka, A. *see* Hayashi, S. 97628
Kataoka, A. *see* Ikedo, J. 68292
Kataoka, A. *see* Kaneko, T. 88009
Kataoka, A. *see* Kaneko, T. 98959
Kataoka, M. *see* Kuroda, K. 84896
Kataoka, M. *see* Takami, T. 83530
Kataoka, N. *see* Hirao, M. 71867
Kataoka, N. *see* Yasuda, A. 89250
Kataoka, R. *see* Sakai, Y. 109087
Kataoka, T., Ishizuka, T., Nezu, K., Sato, Y., Yamaguchi, H. Current control of voltage-type PWM rectifier introducing resonance-based controller 121750
Kataoka, T., Sano, A., Tsuda, H., Hirano, A., Hagimoto, K., Sato, K. Equalization of 4.4 ps 100 mW pulse generated by monolithic mode-locked laser diode through 20 Gbit/s 1000-km transmission line 68519
Kataoka, T. *see* Dahono, P.A. 102847
Kataoka, T. *see* Higashi, S. 80878
Kataoka, T. *see* Ishizuka, T. 112084
Kataoka, T. *see* Sano, A. 78876
Kataoka, T. *see* Sato, Y. 71543
Kataoka, T. *see* Yamaguchi, H. 102802
Kataoka, Y., Shimada, Y., Kawai, K., Okamoto, M., Katayama, M. The trend of development of thin film material for TFT-LCDs 79618
Kataoka, Y. *see* Makino, N. 89440
Kataoka, Y. *see* Terashima, M. 81947
Katari, J.E.Bowen *see* Bowen Katari, J.E.
Kataria, D.O., Das, J.J., Madhavan, N., Sugathan, P., Sinha, A.K., Dayanand, G., Radhakrishna, M.C., Vinodkumar, A.M., Varier, K.M., Singh, M., Prasad, N.V.S.V. A modular focal plane detector system for the heavy ion reaction analyzer at NSC, New Delhi 69846
Kataria, N.D. *see* Ojha, V.N. 105738
Katarzynski, J. *see* Bialek, R. 112058
Katase, N. *see* Shibauchi, T. 106658
Katayama, A., Tanaka, K., Oshino, T., Tamura, H. A viewpoint dependent stereoscopic display method with interpolation and reconstruction of multi-viewpoint images 67438
Katayama, F. *see* Yasuda, Y. 109231
Katayama, J. *see* Hara, H. 100880
Katayama, M. *see* Abe, T. 104327
Katayama, M. *see* Horita, Y. 87066
Katayama, M. *see* Ichiba, M. 87965
Katayama, M. *see* Ichiba, M. 118763
Katayama, M. *see* Imamura, T. 76356
Katayama, M. *see* Ishiguro, T. 99390
Katayama, M. *see* Jamalipour, A. 78612
Katayama, M. *see* Kataoka, Y. 79618
Katayama, M. *see* Kato, A. 89249
Katayama, M. *see* Kato, A. 100211
Katayama, M. *see* Mitani, K. 63368
Katayama, M. *see* Nakamura, H. 117140
Katayama, M. *see* Nakamura, K. 97451
Katayama, M. *see* Okada, H. 99105
Katayama, M. *see* Okuda, S. 88123
Katayama, M. *see* Okuda, S. 117243
Katayama, M. *see* Sato, T. 68034
Katayama, M. *see* Sato, T. 78365
Katayama, M. *see* Sato, T. 118941
Katayama, M. *see* Wada, T. 67515
Katayama, M. *see* Wada, T. 118024
Katayama, M. *see* Yabumoto, Y. 68342
Katayama, M. *see* Yamazato, T. 68069
Katayama, M. *see* Yamazato, T. 77698
Katayama, M. *see* Yamazato, T. 99310
Katayama, N. *see* Imamura, K. 60591
Katayama, S. *see* Kim, J.-D. 116789
Katayama, S. *see* Kim, J.-D. 116790
Katayama, T., Kato, Y., Emoto, F., Shimizu, H. Poly-silicon TFT liquid crystal panels for projection displays 100237
Katayama, T. *see* Aoyama, E. 62486
Katayama, T. *see* Aoyama, E. 62487
Katayama, T. *see* Kobayashi, K. 63286
Katayama, T. *see* Koide, T. 75177
Katayama, T. *see* Mazumder, M.K. 94620
Katayama, T. *see* Takaba, K. 97806
Katayama, T. *see* Yamashita, Y. 90149
Katayama, Y. *see* Nakagawara, O. 84674
Katayama, Y. *see* Nosaka, H. 94386
Katayama-Yoshida, H. *see* Matsumura, T. 61141
Katayama-Yoshida, H. *see* Orita, N. 62768
Katayama-Yoshida, H. *see* Orita, N. 94237
Kataza, H. *see* Itoh, N. 69276
Katchabaw, M.J., Howard, S.L., Lutfiyya, H.L., Bauer, M.A. Efficient management data acquisition and run-time control of DCE applications using the OSI management framework 98578
Katchanov, V. *see* Peigneux, J.P. 120164
Katcharov, N., Rioublanc, J., Blondy, J.M. Measure of low reflectance Bragg gratings photoinduced in optical fibres using OTDR: theory and experimentation 64709
Katcki, J., Adamczewska, J., Rzodkiewicz, W., Piskorski, M. Studies of the structural perfection of GaInAsSb quaternary layers grown by LPE on GaSb substrates 113377
Kate, C.S. *see* Kotwal, P.P. 81431
Kate, H.H.J.ten *see* ten Kate, H.H.J.
Kate, T.ten *see* ten Kate, T.
Katehakis, D.G. *see* Tsiknakis, M. 90669
Katehi, L.P.B., Rebeiz, G.M. Novel micromachined approaches to MMICs using low-parasitic, high-performance transmission media and environments 93877
Katehi, L.P.B. *see* Brauchler, F. 93718
Katehi, L.P.B. *see* Cheng, H.-J. 95830
Katehi, L.P.B. *see* Drayton, R.F. 92251
Katehi, L.P.B. *see* Drayton, R.F. 93898
Katehi, L.P.B. *see* Drayton, R.F. 97334
Katehi, L.P.B. *see* Engel, A.G., Jr. 65927
Katehi, L.P.B. *see* Goverdhanam, K. 93712
Katehi, L.P.B. *see* Krumpholz, M. 85003
Katehi, L.P.B. *see* Laheurte, J.-M. 66055
Katehi, L.P.B. *see* Laheurte, J.-M. 97356
Katehi, L.P.B. *see* Ponchak, G.E. 73625
Katehi, L.P.B. *see* Ponchak, G.E. 93656
Katehi, L.P.B. *see* Robertson, R. 97248
Katehi, L.P.B. *see* Robertson, S.V. 83330
Katehi, L.P.B. *see* Sabet, K.F. 120731
Katehi, L.P.B. *see* Sabetfakhri, K. 65954
Katehi, L.P.B. *see* Simons, R.N. 65908
Katehi, L.P.B. *see* Tentzeris, E. 85916
Katehi, L.P.B. *see* Tentzeris, E. 107974
Katehi, L.P.B. *see* Weller, I.M. 114200
Katehi, L.P.B. *see* Weller, T.M. 83324
Katehi, L.P.B. *see* Weller, T.M. 104870
Katehi, L.P.B. *see* Whitaker, J.F. 93664
Katehi, L.P.B. *see* Yook, J.G. 83477
Katerski, A.P. *see* Stoev, M.D. 121900
Katevas, N. *see* Dembeyiotis, S. 111022
Katevenis, M., Vatsolaki, P., Chalkiadakis, V. Credit flow-controlled ATM over HIC links in the ASICCOM "ATLAS I" single-chip switch 98972
Kath, W.L. *see* Hile, C.V. 76262
Kath, W.L. *see* Wai, P.A.K. 116062
Katheder, H. *see* Vieira, R.F. 106723
Kathol, H. *see* Darweschsad, M. 95517
Kathol, H. *see* Sihler, C. 95587
Katholi, C.R., Singh, K.P., Bartolucci, A.A. On calculating the distribution of independent trials with changing probability of success 103599
Katial, R. *see* Freedman, M. 80378

Katic, O. *see* Bajic, D. 66202
Katic, V., Graovac, D., Knezevic, J. Line side harmonics of unbalanced AC/DC converter in transient and steady state 71499
Katic, V. *see* Milovancev, S. 69014
Katila, P., Heimala, P., Aarnio, J. Thermo-optically controlled ring resonator on silicon 64790
Katila, P. *see* Heimala, P. 95788
Katila, P. *see* Heimala, P. 116093
Katila, T. *see* Nenonen, J. 80361
Katilius, R. *see* Aninkevicius, V. 63084
Katine, J.A., Eriksson, M.A., Westervelt, R.M., Campman, K.L., Gossard, A.C. Experimental observation of coherent backscattering in open ballistic microstructures 106105
Katine, J.A. *see* Eriksson, M.A. 94456
Katircioglu, B. *see* Ozder, S. 114828
Katiyar, R.S. *see* Dobal, P.S. 116481
Katiyar, R.S. *see* Dobal, P.S. 116485
Katiyar, R.S. *see* Lubianiker, Y. 62673
Katiyar, R.S. *see* Rai, B.K. 84165
Katkere, A., Schlenzig, J., Gupta, A., Jain, R. Interactive video on WWW: beyond VCR-like interfaces 77970
Katkere, A. *see* Moezzi, S. 68915
Katkere, A. *see* Moezzi, S. 68921
Katkere, A. *see* Moezzi, S. 99794
Katkoori, S., Roy, J., Vemuri, R. A hierarchical register optimization algorithm for behavioral synthesis 93214
Katkovnik, V. A new form of the Fourier transform for time-varying frequency estimation 86250
Katkovnik, V. Local polynomial approximation of the instantaneous frequency: Asymptotic accuracy 117376
Katkovsky, L.V. *see* Belyaev, B.I. 111114
Katkovsky, L.V. *see* Belyaev, B.I. 111204
Kato, A., Katayama, M., Sugiura, K., Inoguchi, K., Ishihara, H., Ito, N., Hattori, T. A 1.8-inch-diagonal RGB 8-color electroluminescent display using SrS:Ce 100211
Kato, A., Katayama, M., Sugiura, K., Ito, N., Hattori, T. An RGB 8-Color EL display in a stacked panel configuration using unfiltered SrS:Ce 89249
Kato, A., Te Sun Han, Nagaoka, H. Huffman coding with an infinite alphabet 66385
Kato, A., Te Sun Han, Nagaoka, H. A D-ary Huffman code for a class of sources with countably infinite alphabets 66410
Kato, A. *see* Kita, H. 80875
Kato, A. *see* Kondo, N. 91575
Kato, A. *see* Moribe, T. 120974
Kato, A. *see* Shi, X. 91574
Kato, A. *see* Tsuchida, K. 71723
Kato, D., Kasai, H., Muto, K., Takahata, T., Ishikawa, A., Makino, E. Design and experimental evaluation of a new VTR head scanning method (linear scanning method) 68927
Kato, D. *see* Kirihata, T. 61897
Kato, D. *see* Kirihata, T. 93380
Kato, D. *see* Watanabe, Y. 61898
Kato, D. *see* Watanabe, Y. 93381
Kato, D. *see* Yamanouchi, Y. 99739
Kato, E. *see* Enokizono, M. 69664
Kato, E. *see* Yi-Chi Shih 83519
Kato, F. Resonance bands and resonating pairs: theoretical fundamentals of resonant tunneling 63054
Kato, F. *see* Iwasaki, H. 114731
Kato, F. *see* Shimizu, I. 117808
Kato, G. *see* Eunjoo Kim 64140
Kato, H. A new approach for predicting AC hot carrier lifetime 63521
Kato, H., Igarashi, K., Ohtani, A., Nagayama, M., Yamazaki, R. Development of a distributed processing system for ionospheric sounding data 70482
Kato, H., Kita, M. Product design for NiCd battery recycling 81657
Kato, H., Kitamura, S., Inokuchi, S. Symbol recognition based on attention control mechanism in drawing interpretation 86867
Kato, H., Yamamoto, Y., Nagamine, M., Nishi, Y. Lithium ion rechargeable batteries 71624
Kato, H. *see* Chikamatsu, K. 73754
Kato, H. *see* DeGroot, D.C. 114181
Kato, H. *see* Enta, Y. 82656
Kato, H. *see* Nagayama, M. 80636
Kato, H. *see* Nakagawa, Y. 64468
Kato, H. *see* Okunaka, T. 110903
Kato, H. *see* Sasaki, I. 89292
Kato, H. *see* Tanaka, W. 73755
Kato, H. *see* Taura, K. 109866
Kato, H. *see* Yoshino, K. 82776
Kato, I., Matsushita, T., Yamashita, M. Dependence of plasma parameters on electric potential of electrode in microwave plasma [CVD] 104161
Kato, I., Shimoda, T., Yamagishi, T. Spatial distribution of plasma parameter in N_2/SiH_4 plasma in double tubed coaxial line type microwave plasma CVD system 92945
Kato, I. *see* Morita, Y. 84192
Kato, J., Yamaguchi, I., Tanaka, H. Nonlinear spatial filtering with a dye-doped liquid-crystal cell 75671
Kato, J. *see* Ishizaki, T. 88138
Kato, J. *see* Morita, H. 96955
Kato, K. Packaging technologies for large-scale integrated-optic planar lightwave circuits 75557
Kato, K., Akatsu, Y. Ultra-wide-band long-wavelength photodetectors 68383
Kato, K., Ishiguro, H., Tsuji, S. Statistical analysis of robot behaviors in unstructured environment 86665
Kato, K., Ishiguro, H., Tsuji, S. Estimating precise edge position by camera motion 117568
Kato, K., Kasuga, Y., Fujiwara, M., Onda, K. Change of characteristics of desulfurization and denitrification by combustion flue gas composition and electrode configuration under pulsed corona discharge 102426
Kato, K., Matsumoto, G., Karasawa, Y., Niimura, N., Matsubayashi, M., Tsuruno, A. Neutron radiography of thick hydrogenous materials with use of an imaging plate neutron detector 110769
Kato, K., Murakami, K., Koshimizu, H. Segmentation algorithm of lines of Hough transform using discriminant analysis 87252
Kato, K., Murata, H., Goto, T. Acoustics diagnostics for pipeline flange joint 69574
Kato, K., Odahara, F., Matsumoto, T., Toyooka, Y. Development of inspection/cleaning apparatus for boiler water wall rear surface defects 71131
Kato, K., Ono, T. Change in temperature coefficient of resistance of heavily doped polysilicon resistors caused by electrical trimming 105105
Kato, K., Sakawa, M. Genetic algorithms with decomposition procedures for fuzzy multiobjective 0-1 programming problems with block angular structure 92559
Kato, K., Shirahata, H. Nonlinear IR generation in $AgGaS_2$ 116664
Kato, K. *see* Adachi, K. 81503
Kato, K. *see* Asai, S. 73911
Kato, K. *see* Feng-Hui Yao 86697
Kato, K. *see* Fuji, Y. 99356
Kato, K. *see* Ikeda, M. 80868
Kato, K. *see* Khurshudov, A. 106274
Kato, K. *see* Khurshudov, A. 115469
Kato, K. *see* Kozuka, T. 111635
Kato, K. *see* Limura, Y. 85145
Kato, K. *see* Mino, S. 64999
Kato, K. *see* Nagase, R. 99524
Kato, K. *see* Nakagawa, N. 81824
Kato, K. *see* Nakasuga, Y. 116284
Kato, K. *see* Ohno, K. 73380
Kato, K. *see* Okajima, Y. 103807
Kato, K. *see* Otsuji, T. 110043
Kato, K. *see* Rahimi, A.F. 70728
Kato, K. *see* Sakawa, M. 60883
Kato, K. *see* Sano, A. 78876
Kato, K. *see* Seki, M. 115290
Kato, K. *see* Shimizu, R. 69440
Kato, K. *see* Tomita, N. 84920
Kato, K. *see* Torii, Y. 62376
Kato, K. *see* Toyoda, T. 83877
Kato, K. *see* Uchida, N. 88639
Kato, K. *see* Uchida, N. 109616
Kato, K. *see* Umemura, E. 76336
Kato, K. *see* Umemura, N. 107563
Kato, K. *see* Yamanoi, Y. 90050
Kato, M., Tada, K., Nakano, Y. Wide-wavelength polarization-independent optical modulator based on tensile-strained quantum well with mass-dependent width 64809
Kato, M. *see* Adachi, T. 83123
Kato, M. *see* Honmura, H. 81987
Kato, M. *see* Kawahara, T. 73347
Kato, M. *see* Kiguchi, M. 76168
Kato, M. *see* Kiguchi, M. 85598
Kato, M. *see* Kitaoka, Y. 65279
Kato, M. *see* Kitaoka, Y. 96161
Kato, M. *see* Maruyama, Y. 75822
Kato, M. *see* Mesaki, Y. 89294
Kato, M. *see* Sasaki, I. 85384
Kato, M. *see* Sugiyama, A. 75823
Kato, M. *see* Tada, H. 96250
Kato, M. *see* Tobimatsu, S. 90518
Kato, M. *see* Yase, K. 72896
Kato, N., Yamamoto, K., Ogata, T., Hirai, T. Deterioration evaluation of nickel-cadmium batteries 91711
Kato, N. *see* Asakawa, K. 88069
Kato, N. *see* Ohta, K. 109234
Kato, O. *see* Watanabe, M. 108806
Kato, R. *see* Okuda, S. 96537
Kato, S. Personal communication systems and low earth orbit satellites 88250
Kato, S., Hangxiang Hu Molecular dynamics simulation of the thin film fabrication process 92820
Kato, S., Kobayashi, M. Magnetic charge densities around edges of circular cylinders 65668
Kato, S., Naito, K., Nawashiro, K., Kawakita, Y., Hakoda, M., Kawata, S. Propagation control of an intense pulsed electron beam and its application to surface treatment 82050
Kato, S. *see* Hisamatsu, H. 100405
Kato, S. *see* Kawazoe, K. 99212
Kato, S. *see* Maruyama, K. 100989
Kato, S. *see* Matsumoto, Y. 99225
Kato, S. *see* Mizoguchi, M. 99201
Kato, S. *see* Sugiyama, T. 87699
Kato, S. *see* Sugiyama, T. 99404
Kato, S. *see* Takemura, Y. 90487
Kato, S. *see* Yamamoto, A. 89625
Kato, T., Hasegawa, M. 22 kV circuit selection type transformer facility 121124
Kato, T., Imae, M., Sasaki, M., Murata, M., Kunimori, H. Application of space techniques to geodesy and geodynamics in Japan 70470
Kato, T., Kawabe, M., Sekine, K., Takizawa, Y., Fukasawa, A., Fisher, T.E., Sato, T. Data transmission architecture of wideband CDMA system 68286
Kato, T., Sato, K., Ando, T., Isono, T., Tsuji, H. Development of 5 m long and 1 kA go and return superconducting bus bar 91189
Kato, T., Sato, K., Terai, S., Koike, T., Kishida, T., Haraguchi, E. Development of low heat leak high-Tc superconducting current lead 91190
Kato, T., Suetsugu, Y., Nishimura, M. Estimation of nonlinear refractive index in various silica glass for optical fibers 64687
Kato, T., Suetsugu, Y., Takagi, M., Sasaoka, E., Nishimura, M. Development of a high-precision measuring technique for the nonlinear refractive index of optical fiber 95700
Kato, T., Tang, Y.-J., Shimizu, H., Hayakawa, N., Yokomizu, Y., Matsumura, T., Okubo, H., Kito, Y., Nagafusa, T., Miyake, S., Kumano, T., Hatano, X.I., Sato, K., Sato, W. First trial of the electric power transmission of 3.8 kV-460 kVA through the prospective power transmission model system integrated under superconducting environment (PROMISE) 121085
Kato, T., Yoshino, S., Kanazawa, H., Oshima, Y., Yahagi, S. Influence of aluminum composition on the magnetic properties of iron-chromium magnetic alloy in an alternating magnetic field 64196
Kato, T. *see* Ara, K. 69394
Kato, T. *see* Doi, K. 73457
Kato, T. *see* Fisher, R.E. 118897
Kato, T. *see* Fukasawa, A. 68296
Kato, T. *see* Hasegawa, T. 77976
Kato, T. *see* Ikuta, K. 80426
Kato, T. *see* Kakui, M. 78760
Kato, T. *see* Kashiwa, T. 104860
Kato, T. *see* Kiuchi, M. 75321
Kato, T. *see* Kiuchi, M. 75340
Kato, T. *see* Koizumi, N. 95512
Kato, T. *see* Komuro, S. 94282
Kato, T. *see* Kubota, M. 99753
Kato, T. *see* Kubota, M. 109902
Kato, T. *see* Kuriyama, K. 114618
Kato, T. *see* Masuda, T. 89630
Kato, T. *see* Matsui, K. 102175
Kato, T. *see* Matsumoto, T. 74205
Kato, T. *see* Nagata, S. 112317
Kato, T. *see* Nakanishi, T. 114507
Kato, T. *see* Ogata, H. 95521
Kato, T. *see* Onishi, M. 75474
Kato, T. *see* Ooishi, T. 61899
Kato, T. *see* Ooishi, T. 93614
Kato, T. *see* Sato, T. 118891
Kato, T. *see* Shimamoto, S. 95590
Kato, T. *see* Shimizu, H. 102269
Kato, T. *see* Soga, T. 91749
Kato, T. *see* Suetsugu, Y. 64684
Kato, T. *see* Sugimoto, M. 95523
Kato, T. *see* Takahashi, C. 84862
Kato, T. *see* Tang, Y.J. 64520
Kato, T. *see* Tsuji, S. 95687
Kato, T. *see* Umeno, M. 103015
Kato, T. *see* Winning, P.R. 66071
Kato, T. *see* Yoshikawa, T. 117305
Kato, T. *see* Yue-Jin Tang 71383
Kato, Y., Daido, H., Kodama, R., Murai, K., Koike, F. Collisional excitation X-ray lasers: toward a compact X-ray source 116299
Kato, Y., Izumi, S. Progress of geothermal steam turbine technology 102498
Kato, Y., Miyoshi, Y., Atsumi, M., Kaida, Y., Wright, S.L., Palmateer, L.F. Characteristics of a-Si thin-film transistors with an inorganic black matrix on the top 115224
Kato, Y. *see* Daido, H. 96101
Kato, Y. *see* Katayama, T. 100237
Kato, Y. *see* Komiyama, K. 111176
Kato, Y. *see* Miyachi, M. 74201
Kato, Y. *see* Morita, S. 122085
Kato, Y. *see* Rouse, N. 109954
Kato, Y. *see* Yamada, Y. 90603
Kato, Y. *see* Yoon, G.Y. 85556
Kato, Y. *see* Yumoto, H. 61155
Kato, Y. *see* Zhang, T. 76265
Kato, Z. *see* Berthod, M. 77209
Kato Jun-Ichi *see* Jun-Ichi Kato
Kato Koichi *see* Koichi Kato
Katoda, T. *see* Hanajiri, T. 106967
Katoda, T. *see* Rashid, A.B.M.H. 114824
Katoda, T. *see* Sekine, N. 75689
Katoen, J.-P., Schoenmakers, B. Systolic arrays for the recognition of permutation-invariant segments 104436
Katoh, H., Hashimoto, A., Matsumura, H., Yamazaki, S., Yamada, O. A flexible transmission technique for the satellite ISDB system 109589
Katoh, H., Saito, T., Matsumura, H. Maximum transmission bit rate for satellite ISDB and its application for satellite broadcasting plan 99719
Katoh, H. *see* Kavalerov, V. 89575
Katoh, K. *see* Hashimoto, T. 89347
Katoh, K. *see* Iimura, Y. 119811
Katoh, K. *see* Sugiyama, T. 85146
Katoh, K. *see* Suzuki, H. 100108
Katoh, M. *see* Isomura, S. 121268
Katoh, M. *see* Nakamura, N. 100620
Katoh, S. *see* Nakamoto, M. 102516
Katoh, S. *see* Yamashita, A. 108569

Katoh, T., Imai, H. An extended construction method of visual secret sharing scheme 117240
Katoh, T., Kashiwa, T., Matsubayashi, H., Inoue, A., Itoh, Y., Takagi, T., Ishihara, O. A novel CAT system for millimeter-wave on-wafer measurement 93910
Katoh, T., Nakagoshi, N., Yamazaki, M. HTML editor "WebStory" supporting cooperation between WWW service and enterprise system 118330
Katoh, T., Yamada, H., Sato, F., Hirano, Y., Chikawa, J.-I. Solid phase epitaxy with X-ray irradiation using a compact synchrotron radiation source AURORA 103837
Katoh, T. *see* Kashiwa, T. 62356
Katoh, T. *see* Kashiwa, T. 73785
Katoh, T. *see* Kurokawa, S.-I. 89928
Katoh, T. *see* Morita, K. 63105
Katoh, T. *see* Seki, M. 109915
Katoh, T. *see* Tomonaga, H. 99024
Katoh, T. *see* Toyoda, T. 74799
Katoh, Y., Kunii, T., Matsui, Y., Kamijoh, T. Four-wavelength DBR laser array with waveguide couplers fabricated using selective MOVPE growth 65233
Katoh, Y. *see* Nakaya, T. 95717
Katoh, Y. *see* Takahashi, H. 73382
Katok, T. *see* Kishida, T. 70931
Katona, Z. *see* Bedin, R. 100983
Katona, Z. *see* Ero, J. 100948
Katona, Z. *see* Fodor, D. 91811
Katopis, G.A. *see* Smith, H.H. 93048
Katori, H. *see* Ito, M. 111476
Katori, K., Kazama, S., Abe, S., Miyajiri, A., Yamanaka, K. Present and future trends in industrial computer systems 109013
Katou, Y. *see* Nakamura, H. 62510
Katragadda, G., Lord, W., Sun, Y.S., Udpa, S., Udpa, L. Alternative magnetic flux leakage modalities for pipeline inspection 60684
Katragadda, G., Si, J.T., Lord, W., Sun, Y.S., Udpa, S., Udpa, L. A comparative study of 3D and axisymmetric magnetizer assemblies used in magnetic flux leakage inspection of pipelines 60683
Katrivanos, P. *see* Kostarakis, P. 119006
Kats, A.B. *see* Datskovskii, L.Kh. 103079
Kats, M.M., Onosovskii, K.K. A planar magnetooptical system for the irradiation of a lying patient with a proton beam from various directions 90585
Kats, M.M., Onosovskii, K.K. A simple, compact, flat system for the irradiation of a lying patient with a proton beam from different directions 90586
Katsaggelos, A.K. *see* Choi, M.G. 117768
Katsaggelos, A.K. *see* Kang, M.G. 86561
Katsaggelos, A.K. *see* Ozcelik, T. 86928
Katsaggelos, A.K. *see* Schuster, G.M. 86521
Katsaggelos, A.K. *see* Schuster, G.M. 86925
Katsaggelos, A.K. *see* Tom, B.C. 86554
Katsanevas, S. *see* Adam, W. 69709
Katsaros, K. *see* Elfouhaily, T. 120805
Katsaros, K.B., Dickinson, S., Bentamy, A., Quilfen, Y., Atakturk, S.S., Brown, R.A. Surface winds in a midlatitude storm seen by satellites and numerical models 111215
Katsavets, N.I., Livshits, D.A., Tarasov, I.S. Study of optical mirror facet strength of CW operated separate confinement heterostructure laser diodes 96315
Katsavounidis, I., Kuo, C.-C.J. Hierarchical weighted vector quantization (HWVQ) for embedded wavelet coding 86507
Katsch, H.-M. *see* Quandt, E. 104982
Katsidis, C.C. *see* Siapkas, D.I. 114902
Katsikas, S., Spyrou, T., Gritzalis, D., Darzentas, J. Model for network behaviour under viral attack 78067
Katsikini, M. *see* Aminpirooz, S. 84205
Katsman, V.I. *see* Bespalov, V.I. 92656
Katsouba, S. *see* Lazarouk, S. 94577
Katsoufis, E. *see* Adam, W. 69709
Katsouleas, T., Yoshii, J., Mori, W.B., Joshi, C., Clayton, C. A beam size monitor based on appearance intensities for multiple gas ionization 100571
Katsouleas, T. *see* Kwok, P. 89918
Katsouleas, T. *see* Lai, C.H. 89646
Katsouleas, T. *see* Mori, W.B. 62598
Katsouleas, T. *see* Mori, W.B. 89678
Katsouleas, T.C., Clayton, C.E., Serafini, L., Pellegrini, C., Joshi, C., Dawson, J., Castellano, P. A plasma klystron for generating ultra-short electron bunches 79848
Katsouleas, T.C. *see* Decker, C.D. 79843
Katsouleas, T.C. *see* Shvets, G. 79841
Katsriku, F.A., Rahman, B.M.A., Grattan, K.T.V. Finite element analysis of diffused anisotropic optical waveguides 64750
Katsu, Y. *see* Inui, K. 76399
Katsu, Y. *see* Inui, K. 78641
Katsube, A. *see* Honda, T. 116521
Katsube, A. *see* Sakaguchi, T. 62905
Katsube, I. *see* Kajikawa, T. 71727
Katsube, M. *see* Arney, J.S. 69530
Katsube, M. *see* Furumochi, K. 73356
Katsueda, M. *see* Yoshida, I. 88257
Katsuki, A., Matsushima, M., Ouchiyama, M. Analysis of an overload-protected current-feedback magnetic multivibrator 113761
Katsuki, A., Onikura, H., Sajima, T., Yamashita, Y., Ide, N., Saisho, K., Ikeda, K. Development of a deep-hole laser-guided boring tool using piezoelectric translators 112884
Katsuki, N. *see* Tanaka, T. 122057
Katsuki, T. *see* Kariyasaki, A. 69572
Katsumata, H. *see* Kobayashi, N. 104028
Katsumata, S. *see* Ishida, H. 99564
Katsumata, Y. *see* Inou, K. 63623
Katsumi, T. *see* Iizawa, J. 87883
Katsumoto, S. *see* Endo, A. 105260
Katsumoto, S. *see* Ohno, H. 83884
Katsuno, M. *see* Onoue, K. 61146
Katsuno, M. *see* Onoue, K. 103821
Katsuno, N. *see* Suzuki, T. 63709
Katsuno, S., Koike, A., Hatori, Y., Endoh, T. Efficient hybrid image coding scheme for color facsimile 118309
Katsuno, T. *see* Fuda, Y. 119800
Katsuo, I. *see* Yoshinari, K. 86826
Katsura, E. *see* Watanabe, M. 108806
Katsura, S. *see* Iga, K. 116616
Katsura, S. *see* Igai, K. 116617
Katsura, T., Tsuji, M., Shigesawa, H. A new understanding for characterizing acoustic rectangular-rod waveguides and 3D discontinuities 90848
Katsuragawa, M., Zhang, G.Z., Hakuta, K. Sum-frequency generation using strong-field coupling in atomic hydrogen: effect of co-existing molecular hydrogen 96644
Katsuta, G., Toya, A., Shiiba, Y., Nakanishi, T., Shimizu, J.-I. Development of emergency repair joint for 275 kV XLPE cable 102208
Katsuta, S. *see* Kobayashi, S. 68102
Katsuta, T., Hayashi, S., Takaoka, A. 3-MV ultra-high voltage electron microscope 62658
Katsuta, Y., Kawakami, H. Symmetry of periodic solutions of five coupled oscillators in a ring 104394
Katsuyama, A. *see* Endo, M. 105767
Katsuyama, K. *see* Kusunoki, K. 77727
Katsuyama, T., Sato, T., Yamamoto, Y., Sagawa, N. Polariton propagation in coupled quantum wire waveguides 85037
Katsuyama, T. *see* Haraguchi, K. 83843
Katsuyama, T. *see* Hiruma, K. 82652
Katsuyama, T. *see* Ishida, M. 64392
Katsuyama, T. *see* Mochizuki, F. 81633
Katsuyama, T. *see* Wang, H. 99352
Katsuyama, Y., Inagawa, K., Yamamoto, Y. Access network design tool based on both initial and maintenance cost evaluation 99488
Kattakayam, T.A., Srinivasan, K. Photovoltaic panel-generator based autonomous power source for small refrigeration units 112615
Kattelus, H. *see* Tarvainen, E. 93870
Kattenbach, R., Fruchting, H. Wideband measurements of channel characteristics in deterministic indoor environment at 1.8 GHz and 5.2 GHz 97117
Katter, M., Weber, J., Assmus, W., Schrey, P., Rodewald, W. A new model for the coercivity mechanism of $Sm_2(Co,Fe,Cu,Zr)_{17}$ magnets 115853
Katterloher, R. *see* Aigner, R. 119775
Katti, R.S., Blaum, M. An improvement on constructions of t-EC/AUED codes 66553
Katti, V.R. *see* Hariharan, V.K. 76458
Katti, V.R. *see* Prahlad Rao, N. 78582
Katto, J. *see* Rossetti, F. 86628
Kattwinkel, T. 8-bit microcontrollers SAB C504-2E and SAB C504-2R: Accurate modulation of pulse width 104577
Katulka, G., Nusca, M., White, K. Plasma characterization for application in ballistics 116835
Katulska, K. *see* Ceranka, B. 92483
Katulski, R.J. Antenna techniques for ship application 88254
Katumata, A. *see* Iwata, F. 69514
Katz, A., Dorval, R. Evaluation and correction of time dependent amplifier non-linearity 82980
Katz, A., Moochalla, S., Klatskin, J. Passive FET MMIC linearizers for C, X and Ku-band satellite applications 73765
Katz, A. *see* Ivensky, G. 71438
Katz, A. *see* Purnell, K. 93881
Katz, A.J. *see* Celii, F.G. 63574
Katz, B.S., Sanders, L.M. MMCX Server delivers multimedia here and how 78262
Katz, C., Walker, M. Evaluation of service aged 35 kV TR-XLPE URD cables 121163
Katz, C. *see* Eager, G.S. 121176
Katz, D.P. *see* Hemmer, P.R. 107041
Katz, E. *see* Stuber, G.L. 86060
Katz, E.A. *see* Balagurov, L.A. 83813
Katz, H.E. *see* Dodabalapur, A. 62503
Katz, H.E. *see* Lovinger, A.J. 74299
Katz, I., Jongeward, G., Gardner, B., Mandell, M., Patterson, M., Wilbur, P. Currents and waves in the plume of the International Space Station plasma contactor 120637
Katz, I., Slonium, M.A. Analytical approach to the analysis of steady-state and transient processes in a single phase cycloconverter 81591
Katz, J. *see* Daoqi Yu 96847
Katz, R., Swift, G., Shaw, D. Total dose responses of Actel 1020B and 1280A field programmable gate arrays (FPGAs) 104527
Katz, R. *see* Swift, G. 73301
Katz, R. *see* Swift, G. 104528
Katz, R.A., Lawee, M.S., Newman, A.K., Weiss, J.W., Chandra, S., Grimm, R.A., Thomas, J.D. A practical nonlinear method for detection of respiratory and cardiac dysfunction in human subjects 69928
Katz, R.H., Brewer, E.A. The case for wireless overlay networks 87670
Katz, R.H. *see* Balakrishnan, H. 118126
Katz, S.L. *see* Urkowitz, H. 70486
Katzberg, J. *see* Assaf, I. 82026
Katzberg, J.D., Ziarko, W. Variable precision extension of rough sets 103568
Katzberg, J.D. *see* Saniee Monfared, M.A. 78192
Katzela, I., Naghshineh, M. Channel assignment schemes for cellular mobile telecommunication systems: a comprehensive survey 78540
Katzer, D.S. *see* Gammon, D. 105429
Katzer, D.S. *see* King, S.E. 80063
Katzer, D.S. *see* King, S.E. 101017
Katzier, H., Keller, B.-M., Pagnin, P. Field-based design of a new high pincount board connector for high data rate transmission 114378
Katzin, P. *see* Lyons, C. 117105
Katzin, P. *see* Pollman, M.D. 90886
Katzin, P. *see* Pollman, M.D. 90893
Katzir, A. *see* Dankner, Y. 69196
Katzir, A. *see* Eyal, O. 95798
Katzir, A. *see* German, A. 116022
Katzir, A. *see* Messica, A. 69213
Katzir, A. *see* Simhi, R. 101082
Kau, C.P. *see* Kobayashi, K.W. 83439
Kaucic, R., Dalton, B., Blake, A. Real-time lip tracking for audio-visual speech recognition applications 66598
Kaufel, G. *see* Wang, Z.-G. 99476
Kaufel, G. *see* Wang, Z.-G. 119130
Kaufell, W.L. *see* Bacchetti, L.F. 85119
Kauff, P. *see* Kruse, S. 86531
Kauffman, J.V., Israel, S.L. Reactor coolant system blowdown at Wolf Creek on September 17, 1994 81232
Kauffmann, J.M. *see* Moudjahed, M. 102668
Kauffmann, S.K. *see* Sen, T. 120015
Kaufhold, M., Borner, G., Eberhardt, M., Speck, J. Failure mechanism of the interturn insulation of low voltage electric machines fed by pulse-controlled inverters 121470
Kaufler, H. *see* Lorenz, T. 64357
Kaufman, A.E. *see* Rui Chuo Huei Chiou 86884
Kaufman, B. *see* Prahlad, M. 70152
Kaufman, C., Perlman, R., Speciner, M. The Clipper proposal [communication security] 117182
Kaufman, F.B. *see* Zhmurkin, D.V. 94812
Kaufman, I.K., Luchinsky, D.G., McClintock, P.V.E., Soskin, S.M., Stein, N.D. High-frequency stochastic resonance in SQUIDs 115939
Kaufman, K.R. *see* Irby, S.E. 70245
Kaufman, L., Neumaier, A. PET regularization by envelope guided conjugate gradients 80275
Kaufman, L.M. *see* Wolf, J.M. 73259
Kaufman, W.A. *see* Caussyn, D.D. 119984
Kaufman, W.A. *see* Luppov, V.G. 120085
Kaufman, W.A. *see* Phelps, R.A. 119990
Kaufman, Y.J. *see* Fallah-Adl, H. 77463
Kaufmann, B. *see* Danilewsky, A.N. 103813
Kaufmann, D. *see* Brown, R. 70405
Kaufmann, D.N. *see* Cohen, C.E. 70392
Kaufmann, E.N. *see* Tirrell, M. *(editor)* 112678
Kaufmann, G.H., Davila, A., Kerr, D. Speckle noise reduction in TV holography 107630
Kaufmann, L.M.F. *see* Groeneveld, R.H.M. 69425
Kaufmann, M., Gao, S., Thulasiraman, K. An algorithm for Steiner trees in grid graphs and its application to homotopic routing 73027
Kaufmann, M. *see* Mahanpour, M. 92279
Kaukoranta, T., Franti, P., Nevalainen, O. Reallocation of GLA codevectors for evading local minima 97538
Kaukoranta, T. *see* Franti, P. 98309
Kaul, A. *see* Buehrer, R.M. 119014
Kaul, A. *see* Christopher, S. 68331
Kaul, I.K. *see* Bhat, C.L. 69858
Kaul, M., Wasserschaff, M., Gibbs, S., Breiteneder, C., Steinberg, D. Studio on demand by distributed video production over ATM 119409
Kaul, M. *see* Jonas, K. 118488
Kaul, M.K., Swaminathan, D., Majmudar, B.A. Wireless in Indian railway telecommunication network 88266
Kaul, O. *see* Decking, W. 89828
Kaul, O. *see* Nesemann, H. 79867
Kaul, R. Observations of chaos in microwave circuits 93810
Kaul, S. Synthesis for advanced ASIC design 63884
Kaul, S.K. *see* Bhat, C.L. 69858
Kaul, S.R. *see* Bhat, C.L. 69858
Kaulich, B. *see* Schmahl, G. 120238
Kaup, D.J. *see* Burtsev, S. 65492
Kaup, P.G., Santosa, F. Nondestructive evaluation of corrosion damage using electrostatic measurements 61474
Kaupp, A. *see* Lehmann, T.M. 108639
Kauppinen, J.P., Pekola, J.P. Charging in solitary, voltage biased tunnel junctions 114845
Kaupuzs, J., Puritis, T. Theoretical investigation into thermomigration and electromigration of metal droplets in a nonmetal solid 114698
Kaupuzs, J. *see* Medvid', A. 84093
Kaupuzs, J. *see* Medvid, A. 84098

Kaur, D., Schroeder, R. On the design and modeling of microcontrolled fuzzy nuclear power plant controller 121309
Kaur, H. *see* Kidambi, K.R. 77997
Kaur, J. *see* Narula, R.C. 103828
Kaura, V., Blasko, V. Operation of a phase locked loop system under distorted utility conditions 61687
Kaura, V., Blasko, V. A method to improve linearity of a sinusoidal PWM in the overmodulation region 112102
Kaura, V., Blasko, V. A new method to extend linearity of a sinusoidal PWM in the overmodulation region 112113
Kaura, V. *see* Blasko, V. 71448
Kauranen, M., van Rompaey, Y., Verbiest, T., Maki, J.J., Persoons, A. Extramaterial chirality 96739
Kauranen, M., Verbiest, T., Maki, J.J., Persoons, A. Chirality in nonlinear optics 85581
Kauranen, P. *see* Avetisov, V.G. 110430
Kauranen, P.S. Electrode kinetics and species transport in direct oxidation methanol fuel cells 91726
Kaushal, S., Dalal, V., Jun Xu Growth of high quality amorphous silicon-germanium films using low pressure remote electron-cyclotron-resonance discharge 92836
Kaushal, S. *see* Dalal, V.L. 92901
Kaushal, T.P. Infrared signature visualisation 67189
Kaushal, T.P. Thermal image calibration: Infracal 67333
Kaushik, V. *see* Maiti, B. 63175
Kaushik, V. *see* Pyle, R.E. 95199
Kautz, G.M., Zoltowski, M.D. Beamspace DOA estimation featuring multirate eigenvector processing 77039
Kautzky, M.C. *see* Johnson, P.R. 115627
Kava, J.D. *see* Xie. R.J. 84138
Kavadias, S. *see* Misiakos, K. 80023
Kavadias, S. *see* Misiakos, K. 100927
Kavalerov, V., Katoh, H., Kasaya, N., Inoue, M., Fujii, T. Phase-sensitive optical probe for surface acoustic wave soliton investigation 89575
Kavaliauskas, J. *see* Grigoras, K. 94301
Kavanagh, K.L. *see* Morgan, B.A. 63122
Kavanagh, M.J. *see* Reudink, D.O. 78551
Kavanagh, R.C. *see* O'Donovan, J.G. 112024
Kavandi, J.L., Verzwyvelt, S.A. Evaluation of nickel hydride technology for space applications 112205
Kavcic, A., Bin Yang Adaptive rank estimation for spherical subspace trackers 76987
Kavcic, A., Moura, J.M.F. Expedient media noise modeling: isolated and interacting transitions 115787
Kaveh, M. *see* Ghazi-Moghadam, V. 85905
Kaveh, M. *see* Hughes, R.J.F. 95019
Kaveh, M. *see* Shlimak, I. 94287
Kaveh, M. *see* Wenyuan Xu 108314
Kaveh, M. *see* West, D. 113623
Kaveh, M. *see* Xu, W. 86182
Kaveh, M. *see* Xu, W. 108257
Kaveh, M. *see* Yu-Li You 78451
Kaveh, M. *see* Yu-Li You 117847
Kavehrad, M. *see* Khaleghi, F. 88472
Kavehrad, M. *see* Khaleghi, F. 99576
Kavehrad, M. *see* Khaleghi, F. 119245
Kavehrad, M. *see* Pakravan, M.R. 88620
Kavehrad, M. *see* Simova, E. 96842
Kavehrad Mohsen *see* Mohsen Kavehrad
Kaveti, S., Eam Khwang Teoh, Han Wang Second-order implicit polynomials for segmentation of range images 67456
Kaveti, S., Teoh, E.K., Wang, H. Algebraic invariants using tensors for object recognition 87097
Kaviani, A., Brown, S. Hybrid FPGA architecture 61783
Kavicky, J.A., Shahidehpour, S.M. Parallel path aspects of transmission modeling 102040
Kavin, A. *see* Bykov, V. 96995
Kavin, A. *see* Mondino, P.-L. 64567
Kavin, A.A., Korotkov, V.A., Panin, A.G., Soikin, V.G., Gusev, V.K., Nikolaev, N.I., Padushnikova, K.A., Sakharov, N.V., Shpeizman, V.V. Central inductor of GLOBUS-M tokamak 102774
Kavin, A.A. *see* Gusev, V.K. 107815
Kavitha, V., Narayana Dutt, D., Pradhan, N. Nonlinear prediction of chaotic electrical activity of the brain 120449
Kavokin, K.V. *see* Stuehler, J. 74405
Kavouspour, D. *see* Chen, T.M. 118254
Kavoussi, S. *see* Strain, R.C. 70396
Kavoussi, S. *see* Strain, R.C. 120648
Kavukin, A.V. *see* Ivchenko, E.L. 65390
Kawabata, A. Interaction effects on the electron conduction in quantum wires 62923
Kawabata, A. *see* Brandes, T. 105333
Kawabata, A. *see* Krumins, A. 107568
Kawabata, C. A note on high T_c layered superconductors illustrated by phase coherence competition with charging energies 75339
Kawabata, K. *see* Ito, M. 102643
Kawabata, M., Fujimoto, T., Ashida, T. Technical trends in the business of recycling waste as resources 92358
Kawabata, M., Fujimoto, T., Ashida, T. Shinko-developed systems for recycling waste as resources 92359
Kawabata, M. *see* Saitou, M. 68235
Kawabata, M. *see* Tsushima, H. 85248
Kawabata, M. *see* Yosoi, M. 120231
Kawabata, R. *see* Ichikawa, F. 106664
Kawabata, S. *see* Kimura, A. 95602
Kawabata, S. *see* Sumiyoshi, F. 95561
Kawabata, T., Nagashima, Y., Moritani, Y., Fujino, T. Precise detection of the on-board IF-switch timing for SS-TDMA systems 88408
Kawabata, T. *see* Ejiogu, E.C. 111941
Kawabata, T. *see* Kiyohara, J. 117175
Kawabata, T. *see* Takeuchi, J. 66441
Kawabata Kazuhiro *see* Kazuhiro Kawabata
Kawabe, H., Karasawa, H., Takahashi, K., Hayasaka, H., Ikeda, K. Operator support methods for directory assistance 87617
Kawabe, H. *see* Koide, T. 75177
Kawabe, M., Maeda, K. LCD color filter process using film resist 79615
Kawabe, M. *see* Fisher, R.E. 118897
Kawabe, M. *see* Fukasawa, A. 68296
Kawabe, M. *see* Kato, T. 68286
Kawabe, M. *see* Kikushima, K. 68489
Kawabe, M. *see* Kikushima, K. 98909
Kawabe, M. *see* Kumagai, Y. 61225
Kawabe, M. *see* Okada, Y. 113350
Kawabe, M. *see* Takeuchi, A. 104060
Kawabe, M. *see* Yong Jin Chun 103848
Kawabe, S. *see* Chao, J. 66687
Kawabe, T. *see* Kamioka, I. 114981
Kawabe, T. *see* Nakamoto, K. 115706
Kawabe, Y., Tan, S., Nishiyama, F., Sakaguchi, S., Kokubo, T., Blakeney, A.J., Ferreira, L. Effect of low molecular weight dissolution promoting compounds in DNQ-novolac positive resist 105793
Kawabe, Y. *see* Mitsuya, Y. 119872
Kawachi, F. *see* Susaki, Y. 71379
Kawachi, F. *see* Susaki, Y. 121548
Kawachi, G., Asuma, H., Ohta, M., Kitajima, M., Ono, K., Konishi, N. An anti-reflective pixel design for a-Si TFT-LCDs 89388
Kawachi, G. *see* Graeff, C.F.O. 94996
Kawachi, K. *see* Lijiang Zeng 89504
Kawachi, M. Integrated silica waveguide technologies 85076
Kawachi, M. *see* Jinguji, K. 119193
Kawachi, M. *see* Yamada, H. 68421
Kawachi, O. *see* Hashimoto, K. 104672
Kawachiya, K., Ogata, M., Nishio, N., Tokuda, H. Evaluation of QoS-control servers on Real-Time Mach 118594
Kawachiya, K. *see* Negishi, Y. 87930
Kawachiya, S. Handwritten picture language for effective pattern recognition 77423
Kawada, K., Ikedo, Y., Matsunaga, K., Kayamori, W. Development of an advanced digital relay for the Kansai Electric Power Company 102243
Kawada, M., Kawasaki, Z., Matsu-Ura, K., Nishimura, A., Tokura, H., Okada, I. Verification of the detection of partial discharges by microwaves 64048
Kawada, M., Sakai, K., Aoki, Y., Yamada, I., Yano, M., Umegaki, T. N7642-4x/5x/6x half-inch cartridge magnetic tape unit 115702
Kawada, M. *see* Beniya, N. 121814
Kawada, M. *see* Hirayama, H. 107595
Kawada, N. *see* Kikkawa, T. 119438
Kawada, S. *see* Oka, K. 85220
Kawada, T., Nakajima, H., Kohda, S., Sakai, S. 2-Transistor, 1.5-gate redundancy technology for color TFT-LCDs 119816
Kawada, T. *see* Horita, T. 71679
Kawada, T. *see* Horita, T. 81831
Kawada, T. *see* Nishiyama, H. 102966
Kawada, T. *see* Rak-Hyun Song 81776
Kawada, T. *see* Sakai, N. 81838
Kawada, T. *see* Suzuki, S. 112875
Kawada, T. *see* Van Herle, J. 81857
Kawada, T. *see* Yokokawa, H. 81846
Kawada, Y. *see* Tagawa, N. 115701
Kawade, K. *see* Ichikawa, S. 90112
Kawagoe, E. *see* Harumoto, Y. 80986
Kawagoe, J. A sampling multiplier for a watt and a watt-hour meter 69383
Kawaguchi, D. *see* Ogata, K. 74212
Kawaguchi, E. *see* Noda, H. 108628
Kawaguchi, H., Aota, K., Ohga, M. Fine pitch solderless interconnection technology for LCD module of notebook PC 89280
Kawaguchi, H., Honma, T. Consideration on numerical instability of Dirichlet gauge BEM 65624
Kawaguchi, H., Honma, T. Analysis of accelerator wake fields using boundary integral equation 69656
Kawaguchi, H., Igarashi, T. Suppression of multiple pulse formation in mode-locked laser diodes by gain quenching 96357
Kawaguchi, H. *see* Inoue, J. 96142
Kawaguchi, H. *see* Isoda, M. 107729
Kawaguchi, I. *see* Kaga, S. 91887
Kawaguchi, K. *see* Yokota, K. 99547
Kawaguchi, M. *see* Iwata, F. 69514
Kawaguchi, M. *see* Okamura, H. 73294
Kawaguchi, N. *see* Katagiri, S. 99708
Kawaguchi, N. *see* Matsumoto, K. 109842
Kawaguchi, O. *see* Ando, Y. 110810
Kawaguchi, T., Maruno, S. Spectral response of photocurrent in glassy and crystalline Ag-rich Ag-As(Ge)-S compounds 105194
Kawaguchi, T., Maruno, S., Elliott, S.R. Optical, electrical, and structural properties of amorphous Ag-Ge-S and Ag-Ge-Se films and comparison of photoinduced and thermally induced phenomena of both systems 83872
Kawaguchi, T. *see* Miyai, H. 100238
Kawaguchi, T. *see* Takeda, M. 100191
Kawaguchi, Y. Electromagnetic wave propagation in a non-uniform atmosphere with an even power N profile 65847
Kawaguchi, Y. *see* Iga, K. 116616
Kawaguchi, Y. *see* Igai, K. 116617
Kawaguchi, Y. *see* Iwata, K. 61202
Kawaguchi, Y. *see* Mogi, K. 83826
Kawahara, A., Ajisawa, A., Miyamoto, K., Kanzaki, M., Sasaki, T., Tomono, M., Oda, N., Shima, T., Sekihara, Y. Hybrid 256×256 LWIR FPA using MBE grown HgCdTe on GaAs 69275
Kawahara, H. *see* Abe, K. 69708
Kawahara, H. *see* Abe, K. 69726
Kawahara, H. *see* Aikawa, K. 86143
Kawahara, H. *see* Momose, S. 115762
Kawahara, I., Kasahara, M., Furuya, Y., Otake, K., Iwao, T., Hirota, N., Mae, H., Ito, Y., Nozoe, T. 26-inch wide plasma display monitor 100231
Kawahara, K., Kitajima, K., Takine, T., Oie, Y. Performance evaluation of selective cell discard schemes in ATM networks 87353
Kawahara, K., Nakajima, Y., Udagawa, T., Fujii, H., Morimoto, H. A non-rubbing molecular alignment technique for active-matrix LCDs using Langmuir-Blodgett films 85120
Kawahara, K., Oie, Y., Murata, M., Miyahara, H. Performance analysis of backpressure congestion control: preliminary case 77607
Kawahara, K., Sasaki, H., Sugihara, H., Kitagawa, M. Development of a supporting expert system for automatic relay settings on transmission line 102256
Kawahara, K., Shidama, Y., Miyazaki, T., Nakamura, Y., Yamaura, H., Kobayashi, H. Image processing with fuzzy set theory 86983
Kawahara, M. *see* Okayama, H. 78882
Kawahara, M. *see* Watanabe, R. 78323
Kawahara, S. *see* Murayama, A. 104570
Kawahara, T., Kitaoka, N., Doshita, S. Robust speech understanding based on A*-admissible phrase spotting 97587
Kawahara, T., Kobayashi, T., Jyouno, Y., Saeki, S., Miyamoto, N., Adachi, T., Kato, M., Sato, A., Yugami, J., Kume, H., Kimura, K. Bit-line clamped sensing multiplex and accurate high-voltage generator for 0.25 μm flash memories 73347
Kawahara, T. *see* Horikawa, T. 113935
Kawahara, T. *see* Horikawa, T. 115444
Kawahara, T. *see* Kasai, J. 92215
Kawahara, T. *see* Nagasawa, H. 105217
Kawahara, T. *see* Sakamoto, Y. 90391
Kawahara, T. *see* Shibata, K. 119295
Kawahara, T. *see* Shinkoda, H. 119508
Kawahara, T. *see* Yamamuka, M. 72870
Kawahara, T.D. *see* Meki, K. 111231
Kawahashi, A. *see* Fukasawa, A. 68296
Kawahashi, A. *see* Sato, T. 118891
Kawahata, E. *see* Komatsu, T. 74251
Kawahigashi, M. *see* Yoshino, K. 82776
Kawahito, S., Sutoh, M., Yamasawa, A., Tadokoro, Y. Micro-fluxgate magnetic sensing elements based on silicon microtechnology 110119
Kawahito, S. *see* Parhami, B. 61855
Kawai, A. Measuring the thermal properties of photoresist thin films using atomic force microscopy 84253
Kawai, A. *see* Wakamiya, W. 115039
Kawai, H., Takeuchi, Y. Processing unit for stacked optical computing system: spatially coding processing unit 85209
Kawai, H. *see* Joon-Seong Lee 95224
Kawai, J. *see* Kazami, K. 106687
Kawai, J. *see* Kazami, K. 110094
Kawai, J. *see* Li, Y. 115404
Kawai, J. *see* Ogishima, M. 111637
Kawai, J. *see* van Duuren, M.J. 69029
Kawai, J. *see* van Duuren, M.J. 115947
Kawai, J. *see* Yamasaki, S. 84894
Kawai, J. *see* Ying Li 64122
Kawai, J. *see* Ying Li 106371
Kawai, K. Knowledge engineering in power-plant control and operation 111709
Kawai, K. *see* Kataoka, Y. 79618
Kawai, K. *see* Koike, K. 63907
Kawai, K. *see* Komaki, A. 91717
Kawai, K. *see* Matsumoto, M. 89224
Kawai, K. *see* Onozawa, A. 83043
Kawai, M., Kirihara, H. Power dispatching system for the Kansai Electric Power Co., Inc 101948
Kawai, M. *see* Ito, N. 79919
Kawai, M. *see* Mizutani, Y. 81780
Kawai, M. *see* Sato, Y. 113849
Kawai, M. *see* Shimada, T. 90551
Kawai, M. *see* Tomonaga, H. 99024
Kawai, M. *see* Yamada, A. 64914
Kawai, M. *see* Yokoyama, M. 96469
Kawai, N., Namba, S., Yamazaki, S. Performance of multimedia broadcasting through ISDB transmission system 109224
Kawai, O. *see* Nishikawa, K. 78209
Kawai, S. *see* Yatagai, T. 75629
Kawai, T. Atomic layer growth control of thin films using laser ablation 113343

Kawai, T., Ebisawa, T., Tasaki, S., Shimizu, H.M. An improvement of the detection efficiency of a solid state UCN detector with a ^{6}Li/Ti multilayer neutron converter working at liquid helium temperature 120180
Kawai, T., Kokubo, Y., Ohta, I. Rectangular disk directional couplers with a relatively tight coupling 114208
Kawai, T. *see* Hayamizu, S. 92814
Kawai, T. *see* Hontsu, S. 84908
Kawai, T. *see* Kawayama, I. 95267
Kawai, T. *see* Lee, H. 114683
Kawai, T. *see* Nakagawara, O. 84674
Kawai, T. *see* Obara, H. 77770
Kawai, T. *see* Ohta, I. 114295
Kawai, T. *see* Okade, M. 113593
Kawai, T. *see* Saotome, H. 84809
Kawai, T. *see* Seki, M. 109915
Kawai, T. *see* Yoshino, K. 82776
Kawai, Y. *see* Hasegawa, H. 63163
Kawai, Y. *see* Nashiki, M. 91470
Kawai, Y. *see* Okada, C. 63203
Kawaji, A. *see* Yamaguchi, K. 115948
Kawaji, S. Model following servo control for fuzzy linguistical systems 121509
Kawaji, S. *see* Okamoto, T. 105985
Kawakaki, H., Kuroe, Y., Mori, T. Function approximation by fusing its different order derivatives 86336
Kawakami, A. A realization method of the transfer functions containing variable parameters 73012
Kawakami, A., Zhen Wang Josephson array oscillators using resonant effects in shunted tunnel junctions 115920
Kawakami, A., Zhen Wang, Winning, P., Komiyama, B. Josephson array oscillators in the millimeter wave region 83400
Kawakami, A. *see* Uzawa, Y. 83416
Kawakami, A. *see* Uzawa, Y. 115919
Kawakami, A. *see* Uzawa, Y. 115971
Kawakami, A. *see* Zhen Wang 75296
Kawakami, E. *see* Oku, T. 114811
Kawakami, E. *see* Tokuda, K. 68065
Kawakami, E. *see* Tokuda, K. 118601
Kawakami, H. *see* Jeong, S.C. 100438
Kawakami, H. *see* Katsuta, Y. 104394
Kawakami, H. *see* Kitajima, H. 73070
Kawakami, H. *see* Kitajima, H. 73077
Kawakami, H. *see* Kousaka, T. 113708
Kawakami, H. *see* Sano, A. 78876
Kawakami, H. *see* Sumihiro, S. 108066
Kawakami, H. *see* Tanaka, M. 120121
Kawakami, I. *see* Hayakawa, K. 96456
Kawakami, K. *see* Fukumitsu, N. 90322
Kawakami, K. *see* Itoh, K. 83538
Kawakami, K. *see* Ohtsu, T. 115734
Kawakami, K. *see* Shimozawa, M. 88283
Kawakami, K. *see* Tada, H. 69560
Kawakami, M. *see* Motohashi, A. 110253
Kawakami, M. *see* Ohnishi, J. 100646
Kawakami, N. *see* Nakajima, T. 91661
Kawakami, R.K., Escorcia-Aparicio, E.J., Qiu, Z.Q. Magnetic coupling in Co/face-centered-cubic Fe/Co sandwiches 64354
Kawakami, S. *see* Irie, T. 78671
Kawakami, S. *see* Shirai, G. 102342
Kawakami, S. *see* Shiraishi, K. 116097
Kawakami, S. *see* Takeuchi, Y. 80865
Kawakami, T., Tsunasima, T., Uchida, T. Programmable photonic Veitch processor (PPVP) array with local connected memory 85210
Kawakami, T., Uchida, T. Hybrid optoelectronic adaptive hamming net processor 85212
Kawakami, W. Optical feature extractor using lateral inhibitory neural networks 108435
Kawakami, Y., Funato, M., Fujita, S., Fujita, S., Yamada, Y., Mishina, T., Masumoto, Y. Effects of high excitation on localized excitons in cubic ZnCdS lattice matched to GaAs 74335
Kawakami, Y., Zhi Gang Peng, Narukawa, Y., Fujita, S., Fujita, S., Nakamura, S. Recombination dynamics of excitons and biexcitons in a hexagonal GaN epitaxial layer 105131
Kawakami, Y. *see* Fujita, S. 103884
Kawakami, Y. *see* Hauksson, I.S. 74216
Kawakami, Y. *see* Kawamura, T. 79163
Kawakami, Y. *see* Yamada, Y. 74379
Kawakami, Y. *see* Yamaguchi, S. 94550
Kawakita, K. *see* Nakahira, T. 116118
Kawakita, M. *see* Fujikake, H. 75618
Kawakita, S., Sakurai, T., Kikuchi, A., Shimatsu, T., Takahashi, M. Effect of surface cleanness on the magnetic properties of CoNiCr and CoCrTa thin-film media fabricated using an ultraclean sputtering process 106581
Kawakita, S. *see* Kikuchi, A. 64450
Kawakita, S. *see* Kikuchi, A. 106529
Kawakita, Y. *see* Kato, S. 82050
Kawakubo, H. *see* Isoda, S. 92856
Kawakubo, T., Kadokura, E., Kubo, T., Ishida, T., Yamaguchi, H., Meson, T. Non-destructive beam profile measuring system observing fluorescence generated by circulating beam 100547
Kawakubo, T. *see* Kozawa, T. 89681
Kawakubo, T. *see* Nakajima, K. 107391
Kawakubo, T. *see* Ohmori, C. 90025
Kawakubo, T. *see* Sato, H. 100717
Kawakura, Y., Tanabe, N., Oyanagi, S. Improving the performance of global communication on a three-dimensional torus network 78078
Kawakyu, K., Ikeda, Y., Nagaoka, M., Ishida, K., Kameyama, A., Nitta, T., Yoshimura, M., Kitaura, Y., Uchitomi, N. A novel resonant-type GaAs SPDT switch IC with low distortion characteristics for 1.9 GHz personal handy-phone system 88240
Kawakyu, Y. *see* Nishibe, T. 84071
Kawalec, A.M. Synthesis and experimental results of SAW dispersive filters for spectrum analysers 75068
Kawamata, F. *see* Isobe, S. 68343
Kawamata, H. *see* Yamamoto, A. 89625
Kawamata, K., Minegishi, S., Haga, A., Sato, R. Measurement method using coupled transmission lines for voltage transients on the distribution line 81060
Kawamata, K., Minegishi, S., Haga, A., Sato, R. Measurement of very fast voltage rise curve due to gap discharge using coupled transmission lines in distributed constant system 104916
Kawamata, M., Imakubo, J., Higuchi, T. Optimal design method of separable-denominator two-dimensional digital filters based on a genetic algorithm 66686
Kawamata, M., Nagahisa, M., Higuchi, T. Fast coding algorithm for iterated transformation theory-based coding by multiresolution tree search 67066
Kawamata, M., Sasaki, S., Higuchi, T. Chaotic oscillations in dissipative and second-order direct-form II digital filters with a 2's complement adder 62031
Kawamata, M. *see* Abe, M. 114126
Kawamata, M. *see* Lee, Y.-H. 93605
Kawamichi, H. *see* Kawano, J. 103208
Kawamota, Y. *see* Kanno, R. 121840
Kawamoto, A., Suzuoki, Y., Ikejiri, T., Mizutani, T., Ieda, M. Photoinjection currents in polymers and electronic charge-exchange at the interface in insulating composites 64125
Kawamoto, E. *see* Yang, Y.-H. 94850
Kawamoto, H. Transport of carriers in magnetic brush development process of electrophotography 96965
Kawamoto, H. *see* Mizuma, T. 122021
Kawamoto, K. *see* Iizawa, J. 87883
Kawamoto, K. *see* Ito, K. 76266
Kawamoto, K. *see* Mizokawa, Y. 105580
Kawamoto, K. *see* Shiraishi, T. 118693
Kawamoto, K. *see* Yasuda, K. 74175
Kawamoto, K. *see* Ying, W.B. 105542
Kawamoto, T. *see* Takuma, T. 96890
Kawamoto, T. *see* Yashima, M. 81070
Kawamoto, Y. *see* Mitani, S. 116002
Kawamoto, Y. *see* Ohtsuki, T. 116091
Kawamura, A., Ishioka, K., Hirai, J. Wireless transmission of power and information through one high-frequency resonant AC link inverter for robot manipulator applications 71539
Kawamura, A., Yokoyama, T., Kume, T. ADTR-motor drive for electric vehicle 71821
Kawamura, A. *see* Hoshi, N. 91882
Kawamura, A. *see* Onishi, S. 89365
Kawamura, A. *see* Tae-Woong Kim 91502
Kawamura, A. *see* Tae-Woong Kim 91517
Kawamura, H., Ito, T., Ishii, Y., Imaeda, K., Nawata, M. Electrical properties of ZnO/metal oxide multilayered composite thin film varistors 81169
Kawamura, H., Saito, H., Nakajima, M. 3-D shape measurement of underwater object by temporal-spatial image analysis 77116
Kawamura, H., Suematsu, E., Imai, N. A 45-50 GHz monolithic integrated HFET/MSM OEIC receiver 116283
Kawamura, H. *see* Fukushima, K. 86918
Kawamura, H. *see* Imai, N. 68251
Kawamura, H. *see* Miyake, Y. 81757
Kawamura, J., Blundell, R., Tong, C.-Y.E., Gol'tsman, G., Gershenzon, E., Voronov, B. Performance of NbN lattice-cooled hot-electron bolometric mixers 115972
Kawamura, J. *see* Tong, C.-Y.E. 109847
Kawamura, K., Hazama, H., Mizuno, S., Watanabe, K., Shiraishi, Y., Yoshimura, K. Network management system on SDH radio transmission systems 78350
Kawamura, K., Matsubara, T., Koga, Y. Technologies for designing dependable A/D converters 93505
Kawamura, K., Pack, R.T., Bishay, M., Iskarous, M. Design philosophy for service robots 80499
Kawamura, K. *see* Asaad, S. 77453
Kawamura, K. *see* Hosono, H. 106795
Kawamura, K. *see* Kanada, T. 115847
Kawamura, K. *see* Mizuno, T. 106097
Kawamura, K. *see* Nakajima, A. 113489
Kawamura, K. *see* Sato, K. 103147
Kawamura, M., Yoneya, T., Menjyo, H., Nakamura, H., Nakayama, M. ITV still image transfer and display system 99799
Kawamura, M. *see* Yamane, M. 93955
Kawamura, M. *see* Yasuda, A. 88781
Kawamura, N. *see* Hara, H. 100880
Kawamura, N. *see* Inoue, Y. 112920
Kawamura, N. *see* Takamatsu, H. 80041
Kawamura, N. *see* Takamatsu, H. 100907
Kawamura, R. *see* Yamashita, A. 77798
Kawamura, S. *see* Fukuda, K. 95000
Kawamura, S. *see* Furumochi, K. 73356
Kawamura, S. *see* Hyun-Yong Han 90278
Kawamura, S. *see* Kashiro I, T. 94999
Kawamura, S. *see* Nishikawa, M. 106870
Kawamura, S. *see* Nishikawa, M. 119798
Kawamura, S. *see* Venkatesh, B. 73350
Kawamura, T. Multiple scattering calculation of RHEED from growth Si(001) surfaces 72824
Kawamura, T., Uchiya, S., Morimoto, M., Ohbo, M., Kawakami, Y., Nakano, T. 2/3-inch 1 M pixel high definition CCD image sensor 79163
Kawamura, T. *see* Harumoto, Y. 80986
Kawamura, Y. Laser lathe machining 72265
Kawamura, Y., Hakone, Y., Iwamura, H., Ito, T., Inoue, N. Optical bistability of $In_{0.52}Al_{0.48}As$/InP type II multi-quantum well diodes 107502
Kawamura, Y., Inoue, A., Murakami, Y., Kojima, A., Masumoto, T. Production of nanocrystalline $Fe_{86}Zr_7B_6Cu_1$ compacts and their soft-magnetic properties 95342
Kawamura, Y. *see* Takahashi, R. 64842
Kawamura, Y. *see* Uchihori, Y. 91943
Kawamura, Y. *see* Uenohara, H. 65286
Kawamura, Y. *see* Yasuda, H. 87760
Kawana, A. *see* Rajan, J.J. 77017
Kawana, T., Takeda, T., Uchimi, T., Sato, K. Archival stability of metal evaporated tape 106535
Kawana, T. *see* Onodera, S. 64435
Kawanaka, M., Iguchi, N., Sone, J. 112-GHz collector-up Ge/GaAs heterojunction bipolar transistors with low turn-on voltage 63582
Kawanaka Akira *see* Akira Kawanaka
Kawanami, H., Okada, S., Matsuda, H., Doi, T., Kabuto, C., Oikawa, H., Nakanishi, H. Synthesis and crystallographic analysis of diacetylene-substituted polydiacetylenes with arylurethane substituents and their optical properties 76247
Kawanami, H., Sekigawa, T. Molecular beam epitaxy of InGaP films grown on Si(001) substrates with various kinds of initial buffer layers 113366
Kawanami, Y. Road map to universal personal telecommunication in public land mobile network environment 68254
Kawanishi, H. Network architecture for advanced personal communication with distributed database environment 67616
Kawanishi, H., Morioka, T., Shimonaka, A., Taneya, M., Suzuki, A. Chemically assisted ion beam etching of GaAs/AlGaAs using chlorine ions 94740
Kawanishi, H. *see* Kuga, Y. 116265
Kawanishi, K. *see* Harvel, G.D. 69565
Kawanishi, M., Oshigiri, H., Pavon, J. Telecommunications management in TINA 67690
Kawanishi, S. 100 Gbit/s optical communication systems 78786
Kawanishi, S., Takara, H., Morioka, T., Kamatani, O., Takiguchi, K., Kitoh, T., Saruwatari, M. Single channel 400 Gbit/s time-division-multiplexed transmission of 0.98 ps pulses over 40 km employing dispersion slope compensation 68376
Kawanishi, S., Takara, H., Morioka, T., Kamatani, O., Takiguchi, K., Kitoh, T., Saruwatari, M. 400 Gbit/s TDM transmission of 0.98 ps pulses over 40 km employing dispersion slope compensation 88647
Kawanishi, S. *see* Kamatani, O. 68373
Kawanishi, S. *see* Kamatani, O. 85714
Kawanishi, S. *see* Kamatani, O. 96373
Kawanishi, S. *see* Morioka, T. 68369
Kawanishi, S. *see* Morioka, T. 78783
Kawanishi, S. *see* Morioka, T. 88644
Kawanishi, S. *see* Takara, H. 88600
Kawanishi, S. *see* Togawa, S. 61134
Kawanishi, S. *see* Togawa, S. 61135
Kawanishi, S. *see* Togawa, S. 113275
Kawanishi, S. *see* Uchiyama, K. 118740
Kawano, H., Lin, C.H., Imasaka, T. Generation of high-order rotational lines by four-wave Raman mixing using a high-power picosecond Ti:Sapphire laser 116653
Kawano, H. *see* Mase, K. 87277
Kawano, H. *see* Sasaki, M. 104977
Kawano, J., Kawamichi, H., Mikami, T. SCADA system for Port of Singapore Authority (PSA), Singapore 103208
Kawano, J., Morimatsu, K., Kurihara, Y. MEIS-CADA for overseas [SCADA system product] 99879
Kawano, K. *see* Matsui, K. 102175
Kawano, K. *see* Nakagawa, K. 96671
Kawano, K. *see* Shimamoto, S. 95590
Kawano, M., Ikuno, H., Nishimoto, M. Numerical analysis of 3-D scattering problems using the Yasuura method 116873
Kawano, T., Nishida, S., Hashimoto, M., Yamamoto, C., Iwata, K., Onosato, M. Study of computer aided consultation system for working postures using posture input puppet-like-device and visualization of joint torque 101058
Kawano, T. *see* Aizawa, T. 60539
Kawano, T. *see* Uedono, A. 63243
Kawano, Y., Nagashima, A., Hatae, T., Gunji, S. Dual CO_2 laser interferometer with a wavelength combination of 10.6 and 9.27 μm for electron density measurement on large tokamaks 65583
Kawanoue, T. *see* Toyoda, H. 115004
Kawarabayashi, J. *see* Takahashi, H. 66658
Kawarabayashi, M. *see* Sato, K. 82893
Kawarada, H., Itoh, M., Hokazono, A. Electrically isolated metal-semiconductor field effect transistors

and logic circuits on homoepitaxial diamonds 113294
Kawarada, H. *see* Itoh, M. 115371
Kawarada, H. *see* Jin, N. 115247
Kawarada, H. *see* Sato, A. 114578
Kawarada, H. *see* Takamatsu, R. 87011
Kawarasaki, Y., Ohta, T. A new proposal for feature interaction detection and elimination [telecommunication systems] 67649
Kawaratani, T. *see* Nakai, H. 92860
Kawas, M.J. *see* Jun Li 95825
Kawas Kaleh, G. A frequency diversity spread spectrum system for communication in the presence of in-band interference 86029
Kawasa, S. *see* Yamazaki, T. 78597
Kawasaki, H., Lee, C., Anderson, S.G.H., Pintchovski, F. The effect of test structure and stress condition on electromigration failure 115005
Kawasaki, H., Lee, C., Pintchovski, F. The effect of test structure and stress condition on electromigration failure 63477
Kawasaki, H., Long, S.I. A low-power 128×1-bit GaAs FIFO for ATM packet switcher 118702
Kawasaki, H., Ohgihara, T., Murakami, Y. An investigation of IM3 distortion in relation to bypass capacitor of GaAs MMIC's 83440
Kawasaki, H. *see* Fiordalice, R.W. 74629
Kawasaki, H. *see* Fujioka, N. 84708
Kawasaki, H. *see* Ho, P.S. 63472
Kawasaki, H. *see* Ho, P.S. 84234
Kawasaki, H. *see* Jawarani, D. 114998
Kawasaki, H. *see* Takamatsu, H. 80041
Kawasaki, H. *see* Takamatsu, H. 100907
Kawasaki, H. *see* Takasu, H. 93840
Kawasaki, H. *see* Takayama, J. 118661
Kawasaki, H. *see* Wang, P.-H. 115002
Kawasaki, H. *see* Yeo, I.-S. 114999
Kawasaki, K. *see* Maejima, Y. 116176
Kawasaki, K. *see* Masaki, T. 79647
Kawasaki, K. *see* Takahashi, Y. 69427
Kawasaki, M. *see* Hashi, S. 115580
Kawasaki, M. *see* Matsuse, M. 72854
Kawasaki, M. *see* Matsuse, M. 92842
Kawasaki, M. *see* Myung Bok Lee 61261
Kawasaki, N. *see* Fujita, S. 100239
Kawasaki, N. *see* Funato, S. 105772
Kawasaki, N. *see* Padmanaban, M. 105776
Kawasaki, O. *see* Eda, K. 106352
Kawasaki, O. *see* Ishizaki, T. 88138
Kawasaki, O. *see* Yamaguchi, M. 81883
Kawasaki, O. *see* Yamaguchi, M. 102979
Kawasaki, O. *see* Yamaguchi, M. 121888
Kawasaki, R., Yamamoto, S. 4GL client server application platform: VGUIDE 78039
Kawasaki, R. *see* Yamaguchi, A. 99213
Kawasaki, S., Itoh, T. Optical interaction of active integrated antennas 66116
Kawasaki, S. *see* Aihara, Y. 81766
Kawasaki, S. *see* Endo, M. 105767
Kawasaki, S. *see* Minegishi, M. 66122
Kawasaki, S. *see* Ning Liu 102942
Kawasaki, S. *see* Rudolph, P. 92668
Kawasaki, S. *see* Shiho, M. 96551
Kawasaki, T. *see* Fettweis, G. 109283
Kawasaki, T. *see* Hazumi, M. 100854
Kawasaki, T. *see* Kitabatake, M. 113394
Kawasaki, T. *see* Korechika, T. 122056
Kawasaki, T. *see* Shimamoto, S. 95590
Kawasaki, Y. The state of probabilistic fracture analysis by Monte-Carlo simulation 92419
Kawasaki, Y., Shirakawa, K., Ohashi, Y., Saito, T. A 30-to-60-GHz monolithic HEMT frequency doubler 62329
Kawasaki, Y. *see* Fudou, H. 111604
Kawasaki, Y. *see* Fudou, H. 111609
Kawasaki, Y. *see* Shirakawa, K. 83425
Kawasaki, Y. *see* Shirakawa, K. 114335
Kawasaki, Z., Wada, M., Ushio, T., Onuki, J. How to forecast the occurrence of lightning discharges 81160
Kawasaki, Z. *see* Kawada, M. 64048
Kawasaki, Z. *see* Onuki, J. 70496
Kawasaki, Z. *see* Sonoi, Y. 70493
Kawasaki, Z. *see* Sonoi, Y. 70494
Kawasaki, Z. *see* Uchida, S. 81132
Kawasaki, Z. *see* Yasuda, H. 76313
Kawase, C. *see* Tani, T. 91642
Kawase, D., Ohno, T., Iwasaki, T., Yatsuo, T. Amorphization and re-crystallization of Al-implanted 6H-SiC 105588
Kawase, K., Sato, M., Taniuchi, T., Ito, H. Coherent tunable THz-wave generation from $LiNbO_3$ with monolithic grating coupler 65423
Kawase, L.R. *see* Drummond, M.A.G. 99542
Kawase, L.R. *see* Ribeiro, R.M. 85025
Kawase, M., Yoshida, T. Development of new chip NTC thermistor 95094
Kawase, N. *see* Matsuoka, S. 77789
Kawase, N. *see* Tomizawa, M. 109669
Kawase, S. *see* Hirayama, H. 109928
Kawase, S. *see* Hirohata, N. 119502
Kawase, T. *see* Ishida, M. 64392
Kawase, Y., Hayashi, Y., Yamaguchi, T. 3-D finite element analysis of motors excited from voltage source taking into account end-coil effects 102635
Kawase, Y., Hayashi, Y., Yamaguchi, T., Ishihara, Y., Kitamura, S. 3-D finite element analysis of permanent-magnet motor excited from square pulse voltage source 71252
Kawase, Y., Mori, H., Inoue, H., Ito, S. 3-D finite element analysis of magnetic blowout forces acting on the arc in vacuum circuit breakers 71582
Kawase, Y., Mori, H., Ito, S. 3-D finite element analysis of electrodynamic repulsion forces in stationary electric contacts taking into account asymmetric shape 93978
Kawase, Y. *see* Ito, S. 71581
Kawase, Y. *see* Ito, S. 102900
Kawase, Y. *see* Nakahata, A. 96999
Kawase, Y. *see* Ohdachi, Y. 102671
Kawase, Y. *see* Yamaguchi, T. 71254
Kawashima, A., Habazaki, H., Asami, K., Hashimoto, K. Amorphous alloy electrodes for fuel cells 102958
Kawashima, A. *see* Ogawa, S. 73092
Kawashima, H. New cuts for torsional mode quartz crystal resonators singly and doubly rotated about y- and z′-axes 70555
Kawashima, H. An analysis of torsional resonators of a Z-plate with Ritz method 75062
Kawashima, H. An analysis of the resonance frequencies of stepped, clamped-free torsional mode resonators and their applications to quartz crystal tuning fork 106383
Kawashima, H. A method of adjusting resonant frequency and frequency temperature coefficients for NS-GT cut quartz crystal resonators 113802
Kawashima, H., Matsuyama, M. Overtone Lame-mode quartz crystal resonators fabricated by an etching process 84718
Kawashima, H., Matsuyama, M. An analysis of doubly rotated Lame-mode piezoelectric resonators with energy method 84721
Kawashima, H., Sunaga, K. An exact solution of torsional quartz crystal resonators of free-free bar-type 75054
Kawashima, H., Sunaga, K. Quartz microsensors for monitoring thin film thickness 89001
Kawashima, H., Sunaga, K. Voltage controlled self-temperature compensated crystal oscillators with NS-GT cut quartz resonators 104398
Kawashima, H., Sunaga, K. Torsional vibrations of quartz crystal beams 106379
Kawashima, H. *see* Ohba, F. 70120
Kawashima, H. *see* Venkatesh, B. 73350
Kawashima, H. *see* Yamawaki, M. 69248
Kawashima, K., Horikawa, K., Iwatai, A., Suzuki, H. ATM Internet management system: ATOMVIEW^{plus} 118240
Kawashima, K. *see* Okade, M. 113593
Kawashima, M. A cell interleave method for VBR data transport and the evaluation on its effectiveness in video transmission 98838
Kawashima, M. *see* Sagara, T. 81299
Kawashima, M. *see* Tomobe, K. 104517
Kawashima, S. Integrator weakly decoupling method applied to power system control 80896
Kawashima, T., Sharma, V., Gersho, A. Capacity enhancement of cellular CDMA by traffic-based control of speech bit rate 99231
Kawashima, T. *see* Hishinuma, M. 81763
Kawashima, T. *see* Kagawa, Y. 84720
Kawashima, T. *see* Matsuda, Y. 81665
Kawashima, T. *see* Nagasaki, T. 86869
Kawashima, T. *see* Sumiyoshi, F. 95561
Kawashima, T. *see* Uchida, K. 64129
Kawashima, T. *see* Yoshino, K. 86852
Kawashima, T. *see* Zhang, S. 86985
Kawashimo, T. *see* Hanawa, M. 73289
Kawashitga, M., Miyaji, F., Kokubo, T., Takaoka, G.H., Yamada, I. Properties of silica glass implanted with phosphorus ion at 50 keV for radiotherapy 110918
Kawasima, H., Yamaguchi, K., Nakamura, K., Nakano, K., Majima, T., Ogura, T. "BeBop" series of new AC servomotors 91573
Kawasumi, A. *see* Suzuki, A. 73352
Kawasumi, T. *see* Nakayama, N. 75965
Kawata, H. *see* Chiba, N. 92307
Kawata, H. *see* Yamamura, K. 113710
Kawata, K., Araki, N., Toba, R., Seto, T., Ikegaya, K., Tsuda, Y., Sannomiya, K. Inspection machine using laser scanning for chip-mounted circuit boards 73884
Kawata, K., Deno, K., Matsunaga, K., Itou, K. New protection and fault location scheme applied for multi-terminal lines 81137
Kawata, M. *see* Ohkawa, M. 73346
Kawata, M. *see* Taike, A. 74396
Kawata, S. *see* Kato, S. 82050
Kawata, S. *see* Kawata, Y. 64635
Kawata, S. *see* Kawata, Y. 76216
Kawata, S. *see* Kawata, Y. 115992
Kawata, S. *see* Kawata, Y. 116627
Kawata, S. *see* Miyamoto, S. 69601
Kawata, S. *see* Saloma, C. 79748
Kawata, S. *see* Tanaka, T. 64612
Kawata, S. *see* Ueki, T. 64634
Kawata, S. *see* Wilson, T. 95648
Kawata, T. *see* Fujii, H. 77641
Kawata, Y., Fujita, K., Nakamura, O., Kawata, S. 4Pi confocal optical system with phase conjugation 116627
Kawata, Y., Juskaitis, R., Tanaka, T., Wilson, T., Kawata, S. Differential phase-contrast microscope with a split detector for the readout system of a multilayered optical memory 64635
Kawata, Y., Kawata, S. Visualization of a phase object by two-wave coupling in a photorefractive bismuth silicon oxide crystal 76216
Kawata, Y., Niki, N., Kumazaki, T. Processing algorithms for 3D blood vessels images using cone-beam CT 80359
Kawata, Y., Niki, N., Kumazaki, T. Characteristics measurement for blood vessels diseases detection based on cone-beam CT images 101318
Kawata, Y., Tanaka, T., Kawata, S. Randomly accessible, multilayered optical memory with a $Bi_{12}SiO_{20}$ crystal 115992
Kawata, Y. *see* Harada, K. 121545
Kawata, Y. *see* Matsui, K. 91649
Kawata, Y. *see* Tozaki, T. 101264
Kawata, Y. *see* Ueki, T. 64634
Kawata, Y. *see* Wilson, T. 95648
Kawatani, A. *see* Kurata, K. 96299
Kawato, I. *see* Fujita, K. 71015
Kawato, Y. *see* Nakamoto, K. 115706
Kawatsura, K. *see* Shimatani, N. 114892
Kawauchi, K. *see* Choong Seon Hong 87927
Kawauchi, M. *see* Yasuda, K. 88041
Kawawake, Y. *see* Sakakima, H. 95364
Kawayama, I., Kanai, M., Kawai, T. Growth of $SrCuO_2$ thin films on oxygen-annealed $SrTiO_3$ (100) substrates 95267
Kawazawa, T., Otani, T., Goto, K., Tanaka, M. A novel technique to improve the performance in optical amplifier WDM transmission systems 119238
Kawazawa, T. *see* Goto, K. 68396
Kawazawa, Y. *see* Yamamoto, K. 63364
Kawazoe, H. *see* Hosono, H. 106795
Kawazoe, H. *see* Iwata, Y. 81013
Kawazoe, H. *see* Nishii, J. 106853
Kawazoe, K., Kubota, S. Simple decoders realization for high-coding-rate convolutional codes 86048
Kawazoe, K., Sugimura, Y., Kubota, S., Kato, S. A reliable and low power consumption personal terminal architecture for wireless multimedia communications 99212
Kawazoe, K. *see* Sugimura, Y. 68248
Kawazoe, T., Okimura, Y. Development of 8 Mbit Rambus DRAM 73381
Kawazoe, T. *see* Masumoto, Y. 74301
Kawazoe, Y. *see* Mizuseki, H. 95361
Kawazu, A. *see* Ara-Kato, N. 72811
Kawazu, S. *see* Uchida, T. 105622
Kawecki, L. *see* Niewierowicz, T. 107129
Kawecki, T.G., Chappie, S.S., Mahony, D.R. High Temperature Superconducting Space Experiment II (HTSSE II) cryogenic design 111053
Kawecki, T.G., Golba, G.A., Price, G.E., Rose, V.S., Meyers, W.J. The high temperature superconductivity space experiment (HTSSE-II) design 95614
Kawiecki, G. Bending-torsion response of open-section beams actuated by skewed piezoelements 113560
Kawrakow, I., Fippel, M., Friedrich, K. 3D electron dose calculation using a Voxel based Monte Carlo algorithm (VMC) 80507
Kaxiras, E. Atomistic aspects of diffusion and growth on the Si and Ge (111) surfaces 60817
Kaxiras, E., Kandel, D. Theory of surfactant-mediated growth on semiconductor surfaces 113316
Kaxiras, S. Kiloprocessor Extensions to SCI 78003
Kay, D.A. *see* Starkhammar, H. 70097
Kay, E. *see* Jongill Hong 115522
Kay, G.D. Welded connections in power supplies 81536
Kay, R.B. *see* Talamonti, J.J. 65590
Kay, R.R. *see* Sobering, T.J. 68997
Kay, S. *see* Nagesha, V. 77035
Kaya, B. *see* Guard, R. 111016
Kaya, I., Yuan Sun, Benjamin, R., Nix, A. Application of channel matched filters and direct coefficients calculation for low complexity high bit rate equalisation 77549
Kaya, K., Kanno, Y., Takahashi, H., Shibata, Y., Hirai, T. Synthesis of AlN thin films on sapphire substrates by chemical vapor deposition of $AlCl_3$-NH_3 system and surface acoustic wave properties 72837
Kaya, N. *see* Shimokura, N. 91077
Kaya Koc, C., Acar, T., Kaliski, B.S., Jr. Analyzing and comparing Montgomery multiplication algorithms 76709
Kayafas, E. *see* Cambourakis, G. 71865
Kayafas, E. *see* Tsatsakis, I. 68923
Kayama, H., Ichikawa, T. A packet channel sharing protocol for dynamic channel assignment systems 78517
Kayama, H., Ichikawa, T. A packet channel sharing protocol for microcellular mobile communications 99366
Kayama, H., Noda, Y., Furukawa, Y. Growth of the thin film Cd-Si-As system by metalorganic chemical vapor deposition 61327
Kayama, M. *see* Inoue, T. 73864
Kayama, T. *see* Abe, M. 81965
Kayama, T. *see* Horita, S. 82011
Kayamori, W. *see* Kawada, K. 102243
Kayanne, H. *see* Saito, H. 70502
Kayano, M. *see* Eguchi, K. 81819
Kayargadde, V., Martens, J.-B. Perceptual characterization of images degraded by blur and noise: experiments 77341

Kayargadde, V., Martens, J.-B. An objective measure for perceived noise 77518
Kayargadde, V., Martens, J.-B. Estimation of perceived image blur using edge features 86633
Kayargadde, V., Martens, J.B. Perceptual characterization of images degraded by blur and noise: model 77342
Kaye, A.R. *see* Changcheng Huang 118022
Kaye, A.R. *see* Sharon, C.M. 86712
Kaye, A.R. *see* Tang, W. 88383
Kaye, J. *see* Badler, N.I. 80164
Kaye, M. *see* Antony, J. 60588
Kaye, R.J., Hamil, R. Application of repetitive pulsed power technology to chemical processing 70535
Kaye, R.J. *see* Pamudji, N. 101982
Kaye, S. *see* Wu, J. 110619
Kayeiwa, K., Naka, H., Toba, Y., Tokano, Y., Sato, Y. TV wave receiving system using optical modulator 99736
Kayiambaki, M. *see* Aperathitis, E. 115138
Kayikcioglu, T., Ozer, M., Gangal, A. Reconstructing ellipsoids from its three projections 117881
Kaylie, H., Setty, R. Fundamentals of design for manufacturability 72213
Kaylor, S. *see* Parsi, K. 75263
Kaynak, A. Electromagnetic shielding effectiveness of galvanostatically synthesized conducting polypyrrole films in the 300-2000 MHz frequency range 85896
Kaynak, O. *see* Ertugrul, M. 71833
Kaypmaz, A. *see* Turkay, B. 70895
Kayran, A.H. Two-dimensional orthogonal lattice structures for autoregressive modeling of random fields 66704
Kayran, A.H. 2D ARMA lattice modelling using two-channel AR lattice approach 93583
Kayran, A.H. 2D maximum likelihood spectrum estimation using orthogonal 2D lattice filters 97672
Kayran, A.H. *see* Ozden, M.T. 97791
Kays, J. *see* Hsieh, J. 87804
Kayser, D. *see* Stich, H. 88752
Kayser, D. *see* Vorbrich, K.K. 79063
Kayser, M. *see* Eichler, H.J. 75905
Kaysser, W.A. *see* Helmers, L. 62788
Kaysser, W.A. *see* Roman, I. 113611
Kayssi, A. Macromodeling C- and RC-loaded CMOS inverters for timing analysis 93301
Kayyali, A.Kussay *see* Kussay Kayyali, A.
Kayyali, K. *see* Khan, A. 121724
Kaza, S. *see* Thomas, C.L. 90684
Kazacos, M. *see* Skyllas-Kazacos, M. 71617
Kazakevich, L.A., Lugakov, P.F. Charge-carrier recombination on radiation defects in dislocation-free n-silicon obtained by zone melting 114551
Kazakos, D. *see* Batalama, S.N. 117318
Kazakov, E.G. *see* Nikulin, A.D. 95410
Kazakov, L.N. *see* Shirokov, Yu.V. 73168
Kazakov, M.K. *see* Zykin, F.A. 71000
Kazakov, M.K. *see* Zykin, F.A. 122101
Kazakov, S.A. *see* Baranov, V.Yu. 116347
Kazakov, S.Yu. *see* Dolbilov, G.V. 94192
Kazakov, V.A., Lavrov, A.M. Orthogonal polynomial expansion of Pearson's probability densities for non-Markov processes 60819
Kazakov, V.A., Lavrov, A.M. Kinetic equations for non-Markovian processes with Pearson distributions 103609
Kazakov, Yu.B., Tikhonov, A.I. Automatic distribution of the stator windings of nonsalient-pole DC machines 121503
Kazama, A.K. *see* Kuriyama, K. 114618
Kazama, H. Transmission power control measurement data for TDMA satellite communication system 119103
Kazama, S. *see* Katori, K. 109013
Kazami, K., Kawai, J., Uehara, G. Basic study on multiplexed superconducting quantum interference device for multichannel biomagnetometer 110094
Kazami, K., Kawai, J., Uehara, G., Kado, H. A 35-series superconducting quantum interference device array for high-dynamic-range magnetic measurements 106687
Kazanskii, A.G., Kurova, I.A., Zvyagin, I.P., Yarkin, D.G. Non-monotone kinetics of persistent photoconductivity in compensated a-Si:H films 94400
Kazanskii, A.G., Yarkin, D.G. Effect of prolonged illumination on the properties of compensated hydrogenated silicon a-Si:H 62771
Kazanskii, L.N., Rukhadze, A.A., Rybak, P.V. Generation of high-power ultrashort electromagnetic radiation with the aid of a scanning relativistic electron beam 65924
Kazanskii, V.B. *see* Bondarenko, O.V. 116979
Kazansky, N.L. *see* Doskolovich, L.L. 85768
Kazansky, P.G. *see* Sturman, B. 107489
Kazantsev, A.B. *see* Andreev, V.M. 105385
Kazantsev, D.V., Gippius, N.A., Oshinovo, Dzh., Forchel, A. Spectroscopy of GaAs/AlGaAs microstructures with submicron spatial resolution using a near-field scanning optical microscope 74411
Kazantsev, Y.N. *see* Shevchenko, V.G. 104199
Kazantsev, Yu.I. *see* Vasilev, D.R. 79292
Kazantsev, Yu.M. Synthesis of dynamic characteristics of pulsed voltage converters 121646
Kazantzis, C. *see* Skikos, G.D. 71212
Kazareva, R. *see* Kaisheva, A. 119747
Kazarezov, I. *see* Dikansky, N.S. 89778
Kazarinov, M. *see* Braunschweig, W. 120173
Kazarinov, R.F. *see* Belenky, G.L. 96289
Kazarinov, R.F. *see* Belenky, G.L. 96361
Kazarov, A.B. *see* Kravchenko, V.F. 83410
Kazaryan, A.A., Miodushevskii, P.V. Choice of operating modes of a thin-film capacitive gauge with a gaseous dielectric 99932
Kazaryan, G. *see* Amatuni, T. 83778
Kazaryan, L.M. *see* Vartanyan, E.S. 92655
Kazaryan, M.A. *see* Buchanov, V.V. 75787
Kazaryan, M.A. *see* Vlasov, D.V. 100208
Kazaryan, M.A. *see* Ivanov, A.V. *(editor)* 112663
Kazawa, M. *see* Watanabe, K. 110471
Kazelle, J. *see* Cenek, M. 112227
Kazerami, M. *see* Ooi, B.-T. 121092
Kazi, Z. *see* Shoupu Chen 101441
Kazimi, R., Dunham, B., Krafft, G.A., Legg, R., Liang, C., Sinclair, C., Mammosser, J. Precision intercomparison of beam current monitors at CEBAF 100584
Kazimi, R. *see* Krafft, G.A. 100526
Kazimierczuk, M.K., Cravens, R.C., II Application of super capacitors for voltage regulation in aircraft distributed power systems 120629
Kazimierczuk, M.K., Mescher, M.J., Prenger, R.M. Class D current-driven transformer center-tapped controllable synchronous rectifier 102872
Kazimierczuk, M.K. *see* Bartoli, M. 121552
Kazimierczuk, M.K. *see* Massarini, A. 114349
Kazimir, D. *see* Pernicka, F. 80531
Kazlauskas, K. Pipelining of IIR digital filters 62047
Kazlauskas, K. Pipelining in direct form recursive digital filters with periodically time-varying coefficients 77044
Kazlauskiene, V. *see* Galdikas, A. 79597
Kazmerski, L.L. *see* Levi, D.H. 94368
Kazmerski, L.L. *see* Levi, D.H. 112368
Kazmi, S. *see* Kudva, S.M. 92351
Kazmierczuk, M.K. *see* Massarini, A. 113665
Kazmierkowski, M.P., Dzieniakowski, M.A., Kasprowicz, A., Kanoza, S. Control of DC link resonant inverter-fed induction motor drive without speed sensor 71782
Kazmierkowski, M.P., Sobczuk, D.L. High performance induction motor control via feedback linearization 71783
Kazmierkowski, M.P. *see* Kanoza, S. 112430
Kazmierski, C. *see* Bouadma, N. 96399
Kazmierski, C. *see* Mathoorasing, D. 119134
Kazmierski, C. *see* Thedrez, B. 116469
Kazmierski, T. *see* Parsons, D. 61534
Kaznacheyev, K.V., Ivanov, S.N., Stankevitch, V.G. VUV equipment at Kurchatov SR source 89631
Kazovsky, L. *see* Mayweather, D. 99571
Kazovsky, L.G., Mayweather, D.T., Sadot, D. Combined optical modulation formats and their applications 68441
Kazovsky, L.G. *see* Cerisola, M. 88575
Kazovsky, L.G. *see* Chlamtac, I. 78735
Kazovsky, L.G. *see* Chung-Li Lu 88611
Kazovsky, L.G. *see* Marhic, M.E. 65441
Kazovsky, L.G. *see* Marhic, M.E. 75838
Kazovsky, L.G. *see* Marhic, M.E. 99602
Kazovsky, L.G. *see* Marhic, M.E. 107553
Kazovsky, L.G. *see* Marhic, M.E. 107611
Kazovsky, L.G. *see* Mekkittikul, A. 109614
Kazovsky, L.G. *see* Sadot, D. 98768
Kazovsky, L.G. *see* Ting-Kuang Chiang 68401
Kazovsky, L.G. *see* Ting-Kuang Chiang 77944
Kazuchits, N. *see* Dorofeev, A. 94292
Kazuhiro Kawabata *see* Shin Matsuda 82213
Kazukauskas, V., Storasta, J., Vaitkus, J.-V. Interaction of deep levels and potential fluctuations in scattering and recombination phenomena in semi-insulating GaAs 114598
Kazukauskas, V. *see* Kiliulis, R. 62749
Kazukauskas, V. *see* Kiliulis, R. 114646
Kazumori, M. *see* Katagiri, A. 102603
Kazusa, C. *see* Nagata, Y. 80455
Kazys, R. *see* Ping Wu 111386
Ke, J.-Y. *see* Mao, S.-G. 97283
Ke, L.W., Chan, Y.J., Chiang, Y.C. Monolithic microwave AlGaAs/InGaAs doped-channel FET switches 114262
Ke, M.K., Cheo, B.R., Shmoys, J. Continuous transmission line modeling of a DTL including beam loading and other perturbations 100771
Ke Chen, Dahong Xie, Huisheng Chi Text-dependent speaker identification based on input/output HMMs: an empirical study 97651
Ke Chen, Dahong Xie, Huisheng Chi A modified HME architecture for text-dependent speaker identification 108196
Ke Chen *see* Chen Ke
Ke Han, Spencer, R. On the performance and implementation of adaptive PRML 77555
Ke Jeng-Yi *see* Jeng-Yi Ke
Ke Kai-Wei *see* Kai-Wei Ke
Ke Kuang-Han *see* Kuang-Han Ke
Ke Li State estimation for power distribution system and measurement impacts 70872
Ke Li *see* Li Ke
Ke Liu, Huang, Y.S., Suen, C.Y. Optimal matrix transform for the extraction of algebraic features from images 98232
Ke Liu *see* Liu Ke
Ke San-Huang *see* San-Huang Ke
Ke Shen, Delp, E.J. A spatial-temporal parallel approach for real-time MPEG video compression 98352
Ke Shen *see* Zhao-Heng Weng 95884
Ke Shen *see* Shen Ke
Ke Wu, Liang Han The hybrid integrated planar/NRD-guide technology: a new concept for low-cost application of microwave and millimeter-wave circuits 83470
Ke Wu, Liang Han Integrated planar NRD oscillator suitable for low-cost millimeter-wave applications 93933
Ke Wu, Xiaohong Jiang The use of absorbing boundary conditions in the method of lines 65793
Ke Wu *see* Berini, P. 65935
Ke Wu *see* Hongming An 83328
Ke Wu *see* Hongming An 108062
Ke Wu *see* Jifu Huang 65909
Ke Wu *see* Jifu Huang 73652
Ke Wu *see* Jifu Huang 97264
Ke Wu *see* Liang Han 93856
Ke Wu *see* Qi Zhang 97236
Ke Wu *see* Tongqing Wang 62352
Ke-Li Cai *see* Cai Ke-Li
Ke-Li Wu, Mansour, R.R., Wang, H. A full wave analysis of a conductor post insert reentrant coaxial resonator in rectangular waveguide combline filters 93725
Ke-Ming Wang, Bo-Rong Shi, Pei-Jun Ding, Wei Wang, Lanford, W.A., Zhuang Zhuo, Yao-Gang Liu Waveguide formation of KTiOPO$_4$ by multienergy MeV He^+ implantation 85038
Ke-Qin Cheng *see* Cheng Ke-Qin
Ke-Ran Shao *see* Qi-Shuang Ma 107772
Ke-Xi Xu, Shiping Zhou, Jia-Shan Bao Optically tuned superconductive-dielectric resonators with whispering-gallery modes 84928
Keam, R. Microwave based measurements of a layered dielectric medium 79651
Keam, R.B., Holmes, W.S. Uncertainty analysis of measurement of complex dielectric permittivity using microstrip transmission line 100279
Kean, A.H. *see* Kinder, D. 63045
Kean, A.H. *see* Kowalski, O.P. 63060
Kean, A.H. *see* Najda, S.P. 107003
Kean, P.N. *see* Gray, J.W.D. 65094
Kean, P.N. *see* Harper, P. 65460
Kean, P.N. *see* Knox, F.M. 65463
Kean Chong Aik *see* Chong Aik Kean
Kean Fei Loo *see* Bu Sung Lee 118509
Keane, A.N. *see* Skirta, E.A. 120824
Keane, J. *see* Broome, W. 100493
Keane, J. *see* Contreras, M.A. 103009
Keane, J. *see* Murphy, J.B. 79881
Keane, M. *see* Feng Pan 86656
Keang-Po Ho, Chinlon Lin Electronic crosstalk cancellation in high density WDM systems using linear cancellation 78650
Keang-Po Ho, Kahn, J.M. Transmission of DCT-coded images by multicarrier modulation for noisy channels 86980
Keanini, R.G., Allgood, C.A. Measurement of time varying temperature fields using visible imaging CCD cameras 69245
Kearfott, R.Baker *see* Baker Kearfott, R.
Kearney, J.W. *see* Kizilyalli, I.C. 106227
Kearney, M.J. *see* Dwyer, V.M. 115014
Kearney, M.J. *see* Khizhny, V.I. 94474
Kearns, E. Upward-going muon physics with the MACRO detector 110587
Kearns, P. *see* Peterson, S. 108844
Keat Peng Lee *see* Lee Keat Peng
Keatch, R.W. *see* Gunarathne, G.P.P. 101627
Keating, A.J., Sampson, D.D. Efficient multi-channel broadband source for spectrum-sliced WDM networks 78764
Keating, D. *see* Cooper, M. 70248
Keating, J. *see* Klima, M. 117874
Keating, J.G., Adamson, K., Halligan, J., Gleeson, D.J., Klima, M., McKenna-Lawlor, S.M.P. A software tool for investigating optical signal processing 77521
Keating, J.N. *see* Adamson, K. 80429
Keating, K.M. What roles for utility sponsored DSM in a competitive environment? 70674
Keating, R. *see* Hill, J. 74622
Keavney, D.J., Fullerton, E.E., Pearson, J.E., Bader, S.D. Magnetic properties of c-axis textured Nd$_2$Fe$_{14}$B thin films 115517
Kebin Xu *see* Xu Kebin
Kebukawa, N. *see* Miyashita, M. 78702
Kechang Jia *see* Jinghua Wang 64248
Kechang Jia *see* Jinghua Wang 64249
KeChang Wang, Aronhime, P., Desai, M. New network theorems for current-mode circuit design 113632
Kecheng Liu *see* Maier, S.E. 69992
Kecheng Lu *see* Lu Kecheng
Kecheng Yang *see* Yang Kecheng
Kechribaris, C. *see* Tzanakos, C. 101316
Kechriotis, G. *see* Lu, C. 97750
Kechroud, R. *see* Ibtiouen, R. 91491
Kechu Yi, Jun Cheng, Anliang Wang, Pu Zhang, Feng Liu, Weiying Li, Bin Yang, Shuanyi Du, Jun Gong A vocoder based on speech recognition and synthesis 76886
Keck, H., Cuenod, R., Grunder, R. Recent developments in runner replacement [hydraulic turbine maintenance] 102501
Keck, W. A method for robust decoding of erroneous MPEG-2 video bitstreams 108474
Keckhut, P. *see* Fishbein, E.F. 120780
Kecun Zhang *see* Boting Yang 72560

Keddam, M. *see* Bernard, M.C. 121841
Kedem, K., Yarmovski, Y. Curve based stereo matching using the minimum Hausdorff distance 98182
Kedous-Lebouc, A. *see* Rouve, L.-L. 107702
Kedous-Lebouc, A. *see* Rouve, L.-L. 115494
Kedzia, J. *see* Lukaniszyn, M. 76335
Kee, C., Parkinson, B.W. Wide area differential GPS (WADGPS): future navigation system 68324
Kee Bang Lee *see* Keunjoo Kim 74606
Kee Changdon *see* Changdon Kee
Kee Chun, L.S.How *see* How Kee Chun, L.S.
Kee Hoon Kang *see* Yong-Gyoo Kim 99943
Kee Song Seung *see* Seung Kee Song
Kee Sool Gam *see* Yong-Gyoo Kim 99943
Kee-Chang Lee, Kwang-Cheol Ko, Hyung-Boo Kang Analysis of the discharge kinetics for copper-vapor laser 107131
Kee-Ho Yu, Doi, D., Tahara, M., Kudoh, Y., Matsumoto, T., Koyanagi, M. Three-dimensional multi-layered, real-time micro vision system 117610
Kee-Ho Yu, Kudoh, Y., Matsumoto, T., Pidin, S., Koyanagi, M. Development of real-time microvision system based on three-dimensional LSI technology 93437
Kee-Hyun Park *see* Sung-Chul Lee 82912
Kee-Joe Lim *see* Hong-In Chae 93970
Kee-Soo Nam *see* Jin Hyeok Kim 63662
Kee-Soo Nam *see* Sang-Gi Kim 61253
Kee-Soo Nam *see* Seo-Yoon Kim 63710
Kee-Tae Park *see* Tae-Sung Jung 73344
Kee-Won Kwon, Chang-Seok Kang, Soon Oh Park, Ho-Kyu Kang, Sung Tae Ahn Thermally robust Ta_2O_5 capacitor for the 256-Mbit DRAM 61908
Kee-Yeon Joe *see* Eun-Soo Kim 71440
Kee-Yeon Joe *see* Eun-Soo Kim 121625
Kee-Yeon Joe *see* Hee-Je Kim 107214
Kee-Young Kwon Effect of grating phase difference on single-mode yield in complex-coupled DFB lasers with gain and index gratings 116545
Keech, B. Economic arc furnace operation by design 71908
Keefer, D. *see* Kondrashov, D. 116837
Keegstra, H., Jansen, W.J., Nijhuis, J.A.G., Spaanenburg, L., Stevens, H., Udding, J.T. Exploiting network redundancy for low-cost neural network realizations 104758
Keehoon Kim, Bartlett, E.B. Nuclear power plant fault diagnosis using neural networks with error estimation by series association 102397
Keel, L.H., Bhattacharyya, S.P. Phase properties of Hurwitz polynomials 60772
Keel, M. *see* Wolf, M. 120267
Keele, B.D., Addleman, R.S., Blewett, G.R., McClellan, C.S., Troyer, G.L. Non-destructive in situ measurement of radiological distributions in Hanford site waste tanks 101037
Keele, B.D., Addleman, R.S., Troyer, G.L. A method to improve spectral resolution in planar semiconductor gamma-ray detectors 80060
Keeler, R.J. *see* Mudukutore, A. 120754
Keeley, D. *see* Corbett, J. 100618
Keeley, D. *see* Hettel, R. 100619
Keeman Kim, Bumsoo Han, Kihun Joh, Sungmyun Kim, Byungmun Kim, Heunggyu Park, Jongpil Park, Jinsoo Kim, Wongu Kang, Kyungwoo Kang, Yuri Kim, Sangil Lee, Younghee Kim Design of 1.2 GeV synchrotron light source for X-ray lithography at Samsung Heavy Industries 79771
Keeman Kim *see* Bumsoo Han 79911
Keen, J.M. *see* Wu, Z.Y. 115397
Keen, K.M. Antenna design offers compact size and low cost 108020
Keen, N. Quasi-optical considerations for a focal-plane array 68787
Keen, N.J. *see* Gusten, R. 68806
Keenan, P. Putting data into the picture [videoconferencing standards] 98806
Keenan, R., Higham, E. Broadband 50 watt CW receiver protector using glass integrated circuit technology 97394
Keene, M.N., Exon, N.J., Humphreys, R.G., Chew, N.G. The influence of ambient magnetic environments on high-T_c superconducting quantum interference device gradiometers 75350
Keenleyside, A.H.A. The introduction of direct-to-home satellite services into Canada: When policy, regulatory and business strategies collide 88429
Keer, R.Van *see* Van Keer, R.
Keere, V.Vande *see* Vande Keere, V.
Keerthi, A.V. *see* Shynk, J.J. 66703
Keerthipala, W.W.L., Duggal, B.R., Miao Hua Chun Implementation of field-oriented control of induction motors using neural network observers 111965
Keery, W.J. *see* Zhang, N.F. 115058
Keese, W.O. An analysis and performance evaluation of a passive filter design technique for charge pump phase-locked loops 99142
Keesman, G. Multi-program video compression using joint bit-rate control 98089
Keesman, G., Hellinghuizen, R., Hoeksema, F., Heideman, G. Transcoding of MPEG bitstreams 98305
Keesman, G.J. *see* Theunis, H.G.J. 67122
Keeton, D. *see* Squatrito, J. 63190
Keevers, M.J., Green, M.A. Extended infrared response of silicon solar cells and the impurity photovoltaic effect 103007
Keeyeol Na *see* Jaechun Han 83103
Keezer, P. *see* Komo, D. 110814
Kefeng Liu *see* Weimin Sun 76368
Keffeler, D. *see* Rees, D. 100473
Keffeler, D.R. *see* Bolme, G.O. 89706
Kefu Xue *see* Ping He 80488
Kegel, A. *see* Bornkamp, B. 68263
Kegel, B. *see* Sorli, I. 104955
Kegel, T.M. Statistical control of a pressure instrument calibration process 88908
Kegelmeyer, W.P., Jr. *see* Woods, K. 86406
Keh-Ching Huang, Janes, D.B., Webb, K.J., Melloch, M.R. A transfer length model for contact resistance of two-layer systems with arbitrary interlayer coupling under the contacts 62401
Keh-Ming Tee *see* Kumagai, Y. 61225
Keh-Wei Lih *see* Hansen, P. 82323
Keh-Yih Su *see* Jang-Jong Fan 77488
Keh-Yih Su *see* Tung-Hui Chiang 66588
Kehayas, N. Energy storage size of wind energy conversion systems with energy storage in reduced load duration cases 91405
Kehl, G. *see* Litscher, G. 90494
Kehl, G. *see* Litscher, G. 110718
Kehmeier, D. A cooperative approach to the development and implementation of PCB exchange standards 94011
Kehne, D. *see* Benson, S.V. 96445
Kehne, D. *see* Benson, S.V. 107358
Kehne, D. *see* Dylla, H.F. 76067
Kehne, D. *see* Liu, H. 90083
Kehne, D. *see* Neuffer, D.V. 79877
Kehrbeck, J. *see* Zimmermann, B. 79314
Kehrli, U., Leipold, D., Thelen, K., Epler, J.E., Seitz, P., Patterson, B.D. Monolithically integrated optical differential amplifiers for applications in smart pixel arrays 64994
Kehtarnavaz, N. *see* Estevez, L. 77425
Kehtarnavaz, N. *see* Jagathesan, S. 80469
Kehtarnavaz, N.D., Sohn, W. Error analysis of camera movements in stereo vehicle tracking systems 77471
Kehu, Y., Zhen, B. The effect of the phase difference of coherent signal emitters on the resolution performance of DOA estimation 76918
Kehui Ren *see* Ren Kehui
Kei May Lau *see* Basco, R. 62284
Kei-Yong Khoo, Kwentus, A., Willson, A.N., Jr. A programmable FIR digital filter using CSD coefficients 73553
Keidar, I., Dolev, D. Efficient message ordering in dynamic networks 98474
Keijser, M.de *see* de Keijser, M.
Keikko, T., Korpinen, L., Partanen, J. Calculations of magnetic fields of the bus bars 102331
Keil, E. *see* Brunner, O. 79953
Keil, N., Yao, H.H., Zawadzki, C. (2×2) digital optical switch realised by low cost polymer waveguide technology 95811
Keil, U.D., Dykaar, D.R. Ultrafast pulse generation in photoconductive switches 106965
Keil, U.D. *see* Dykaar, D.R. 106961
Keilin, V.E., Agalakov, V.P., Anashkin, O.P., Britousov, N.N., Dudarev, A.V., Krivykh, A.V., Kulikov, A.S., Lysenko, V.V., Miklyaev, S.M., Shevchenko, S.A., Surin, M.I. Development and test results of a double 0.5 MJ coil SMES system 103042
Keillor, M.E. *see* DeVol, T.A. 80057
Keillor, M.E. *see* DeVol, T.A. 100891
Keilova, E. *see* Ruscak, M. 71087
Keily, T. *see* Bodet, J.M. 112215
Keily, T. *see* Attewell, A. *(editor)* 103237
Keim, M., Becker, B., Stenner, B. On the (non-)resetability of synchronous sequential circuits 104479
Keinanen, K. *see* Kiiveri, P. 100376
Keinonen, J. *see* Likonen, J. 63246
Keinonen, T. *see* Falkenstorfer, O. 116748
Keiper, B. *see* Reisse, G. 107461
Keir, A. *see* Mock, P. 72842
Keir, A.M. *see* Nayar, V. 63160
Keir, P.D., Le, H., Thuemler, R.L., Hitt, J., Wager, J.F. Relaxation charge anomalies in the charge-voltage characteristics of alternating-current thin-film electroluminescent devices 116249
Keir, P.D. *see* Shih, S. 106989
Keira, T. *see* Kurioka, H. 70980
Keister, B.D. *see* Genz, A. 72605
Keitel-Schultz, D. *see* Griep, S. 115324
Keitel-Schulz, D. *see* Schuler, F. 115218
Keith, A. *see* Gormish, M.J. 86754
Keith, C.D. *see* Haase, D.G. 120095
Keith, J. *see* Jokerst, S. 80724
Keith, R.C. Flash RAM MCM_L–an application case study 113937
Keith, S. *see* Jungemann, C. 62687
Keith-Monnia, E. *see* van Asselt, W.K. 89865
Keithley, C., Roberts, M. Examination of multitemporal ERS-1 radar over the Rainwater Basin 120672
Keitoku, T. *see* Ariake, J. 106526
Keizer, R. *see* Faugier, A. 79947
Kejian Zhang *see* Zhang Kejian
Kejik, P. *see* Ripka, P. 119654
Kek Choo Heng *see* Heng Kek Choo
Kekelidze, V.D. *see* Aleev, A.N. 120186
Kekkonen, V. *see* Lehtonen, M. 81035
Kelan Li *see* Yanmei Han 116298
Kelch, D.J. *see* Zavaljevski, A. 66896
Kelder, E.M., Jak, M.J.G., De Lange, F., Schoonman, J. A new ceramic lithium solid electrolyte for rechargeable swing type batteries 113532
Kelekis, D.A. *see* Ismailos, E. 90454
Kelekis, N. *see* Ismailos, E. 90454
Kelf, D., Pattanam, S. Using C to give Verilog and VHDL a boost 113886
Kelkar, A.R. *see* Dighe, A.M. 61980
Kelkar, N., Fowler, A., Pecht, M., Cooper, M. Phenomenological reliability modeling of plastic encapsulated microcircuits 82349
Kelkar, P. *see* Kozlov, V. 63061
Kella, O. *see* Jayawardene, A.K. 72429
Kella, O. *see* Kaspi, H. 113103
Kelleher, A., Lane, W., Adams, L. Investigation of on-chip high temperature annealing of PMOS dosimeters 90645
Kelleher, A., Lane, W., Adams, L. Investigation of on-chip high temperature annealing of PMOS dosimeters 110603
Kelleher, A. *see* Adams, L. 72308
Kelleher, A. *see* Adams, L. 103467
Kelleher, A. *see* O'Connell, B. 80021
Kelleher, A. *see* O'Connell, B. 110606
Keller, A.V. *see* Vitsinskii, S.A. 85369
Keller, B., Rogl, P. The EXODUS project shows a migration path towards UMTS 78557
Keller, B. *see* Meyer, V.M. 88998
Keller, B. *see* Parikh, P.A. 84611
Keller, B.-M. *see* Katzier, H. 114378
Keller, B.L. *see* Gilles, P.S. 113639
Keller, B.P. *see* Hu, E.L. 94808
Keller, B.P. *see* Keller, S. 72783
Keller, B.P. *see* Qiu, C.H. 94357
Keller, B.P. *see* Wu, Y.-F. 104829
Keller, B.P. *see* Wu, Y.-F. 106078
Keller, C.U. Recent progress in imaging polarimetry 69322
Keller, D. *see* Satake, T. 116046
Keller, H., Rengel, H., Poganiuch, P. Oxidation protection of magnetic iron particles by ultrathin layers of silanes 106515
Keller, H., Salzwedel, H. Link strategy for the mobile satellite system Iridium 118876
Keller, H. *see* Ivanshin, V.A. 75319
Keller, H. *see* Rossel, C. 79287
Keller, H. *see* Schorcht, G. 116889
Keller, J., Rauber, T., Rederlechner, B. Conservative circuit simulation on shared-memory multiprocessors 73042
Keller, J.M., Xiaomei Wang Learning spatial relationships in computer vision 117777
Keller, J.M. *see* Hongchi Shi 117697
Keller, J.M. *see* Richman, E.E. 71879
Keller, J.W. *see* Butker, E.K. 120506
Keller, M., Stellberger, A., Meier, K., Schmitt, K., Holscher, A. Parallel readout of a photodiode array in a scintillating fibre calorimeter 100969
Keller, M. *see* Holecz, F. 120893
Keller, M. *see* Kuhn, A. 109438
Keller, M.R. *see* Thomopoulos, S.C.A. 119268
Keller, M.W., Martinis, J.M., Zimmerman, N.M., Steinbach, A.H. Accuracy of electron counting using a 7-junction electron pump 106103
Keller, M.W. *see* Mittal, A. 105286
Keller, P. *see* Crawford, G.P. 95871
Keller, P.B. *see* Smith, P.H. 91896
Keller, P.E., Myers, J.D. The EMSL TeleViewer: a collaborative shared computer display 118540
Keller, R., Arndt, F. Rigorous CAD of rectangular aperture coupled circular waveguide multi mode filters 62198
Keller, R., Banhardt, U., Birn, B., Hauth, W., Muller, G. Optimum CAD of complex rectangular and circular waveguide circuits by combination of field theory with the nodal approach 93741
Keller, R. *see* Daleiden, J. 65232
Keller, R. *see* Heinrich, W. 73784
Keller, S., Keller, B.P., Kapolnek, D., Abare, A.C., Masui, H., Coldren, L.A., Mishra, U.K., Den Baars, S.P. Growth and characterization of bulk InGaN films and quantum wells 72783
Keller, S. *see* Efland, T. 106209
Keller, S. *see* Glicksman, R.A. 111018
Keller, S. *see* Okada, R. 82924
Keller, S. *see* Wu, Y.-F. 104829
Keller, S. *see* Wu, Y.-F. 106078
Keller, T. *see* Torrance, J.M. 118769
Keller, U. Materials and new approaches for ultrashort pulse lasers 75924
Keller, U., Bucker, M., Oing, S. Investigation of the influence of measurement antenna modelling on the radiated spectrum 65891
Keller, U. *see* Braun, A. 96232
Keller, U. *see* Braun, B. 116458
Keller, U. *see* Fluck, R. 65154
Keller, U. *see* Fluck, R. 107222
Keller, U. *see* Honninger, C. 116461
Keller, U. *see* Jung, I.D. 116708
Keller, U. *see* Kopf, D. 96227
Keller, U. *see* Siegner, U. 114638
Keller, W. *see* Maas, D. 74950
Keller, W.C. *see* Weissman, D.E. 111233
Kellerer-Pirklbauer, W. *see* Gelautz, M. 68558
Kellerhoff, C. *see* Bier, J. 104589
Kellerman, A.S. *see* Agnew, P.W. 98864
Kellerman, D., Bugeau, J., Huang, Q., Ono, K. Characterization of aluminum plus silicon carbide metal matrix composites for application to microwave housings 82219

Kellermann, W. Some properties of echo path impulse responses of microphone arrays and consequences for acoustic echo cancellation 68936
Kelleter, J. *see* Kohl, D. 119771
Kellett, P.A. *see* Dymoke-Bradshaw, A.K.L. 93182
Kelley, A.W. *see* Rhode, J.P. 81186
Kelley, D.F., Luebbers, R.J. Piecewise linear recursive convolution for dispersive media using FDTD 76367
Kelley, E.F., Field, B.F., Jones, G.R., Boynton, P.A. Display modeling and an AMLCD model on a video supercomputer 89441
Kelley, M.J., Dylla, H.F., Neil, G.R., Brillson, L.J., Henkel, D.P., Helvajian, H. UV FEL light source for industrial processing 107359
Kelley, R.J. *see* Martin, P.M. 91762
Kelley, T.G. *see* Petr, D.W. 67530
Kellndorfer, J.M., Dobson, M.C., Ulaby, F.T. Regional stability of an ERS/JERS-1 classifier 120708
Kellner, A.L. *see* Lam, B.C. 75987
Kellner, A.L. *see* Rao, H.G. 68406
Kellner, T. *see* Braun, B. 116458
Kellner, U. *see* Schulze, H.-J. 105929
Kellner, W. *see* Matthes, M. 73773
Kellner, W. *see* Siweris, H.J. 114309
Kellock, A. *see* Hsiao, R. 84134
Kellock, A. *see* Run-Han Wang 115761
Kellogg, R.B., Biyue Liu A finite element method for the compressible Stokes equations 61111
Kelly, A.E., Lealman, I.F., Rivers, L.J., Perrin, S.D., Silver, M. Polarisation insensitive, 25 dB gain semiconductor laser amplifier without antireflection coatings 107303
Kelly, A.E. *see* Mathur, V.K. 110979
Kelly, A.E. *see* Rogers, D.C. 78692
Kelly, A.E. *see* Wallace, C.G. 68453
Kelly, A.M., Bingert, S.R., Reiswig, R.D. New metallographic preparation techniques for tantalum and tantalum alloys 92948
Kelly, B. Spinning the Web: how to, how not to 67808
Kelly, B., Crowther, M., King, J., Masson, R., DeLapeyre, J. Service validation and testing 67892
Kelly, B. *see* Lightfoot, J. 68816
Kelly, C. *see* Lizotte, T. 103435
Kelly, D. *see* Dmowski, W. 75193
Kelly, D.M. *see* Mahalanobis, A. 88716
Kelly, D.R.C., Bialowons, W., Brinkmann, R., Ehrlichmann, H., Kouptsidis, J. The electron beam lifetime problem in HERA 100739
Kelly, E. *see* Greene, A. 90033
Kelly, E. *see* Gupta, R. 90038
Kelly, E. *see* Morgillo, A. 100448
Kelly, E. *see* Mulhall, S. 95576
Kelly, E. *see* Thompson, P. 100412
Kelly, E. *see* Wanderer, P. 89783
Kelly, G., Lyden, C., Lawton, W., Barrett, J., Saboui, A., Pape, H., Peters, H.J.B. Importance of molding compound chemical shrinkage in the stress and warpage analysis of PQFPs 60607
Kelly, I.E. *see* Torres, P. 105094
Kelly, J., Booth, L. Telecom alliances for emerging economies: breaking the cycle of under-development through strategic learning alliances 87536
Kelly, J. *see* Flynn, M.F. 89442
Kelly, J. *see* Scott, J. 79191
Kelly, J.B. *see* Johnson, M. 118323
Kelly, J.F. *see* Oppermann, I. 68187
Kelly, J.G. *see* Nussbaum, F. 90898
Kelly, J.J. *see* Bressers, P.M.M.C. 62696
Kelly, J.J. *see* van de Lagemaat, J. 116256
Kelly, J.R. *see* Chen, J. 110283
Kelly, J.R. *see* Jianlin Li 110302
Kelly, J.R. *see* Jianmin Chen 64825
Kelly, K. *see* Galhotra, V. 74909
Kelly, K. *see* Scharer, J.E. 117092
Kelly, K.W. *see* Schmenk, E.G. 89919
Kelly, M. *see* Loria, C.J. 90686
Kelly, M. *see* Parker, P. 87535
Kelly, M.D. *see* Bailey, J.S. 67480
Kelly, M.D. *see* Sargent, J.D. 67479
Kelly, M.J., Stewart, J.A.C., Patterson, A.D. A large signal model for a GaInP/GaAs HBT 63608
Kelly, M.J. *see* Dylla, H.F. 76067
Kelly, M.J. *see* Hutchinson, S. 62234
Kelly, M.J. *see* Wilkinson, V.A. 63803
Kelly, M.K., Ambacher, A.O., Dahlheimer, B., Groos, G., Dimitrov, R., Angerer, H., Stutzmann, M. Optical patterning of GaN films 105687
Kelly, M.K., Dahlheimer, B. Extended resolution for lateral structuring with laser interference gratings using high-index input coupling 105707
Kelly, O.E., Veeravalli, V.V. A locally optimal handoff algorithm 88371
Kelly, P. *see* Zhai, W. 72529
Kelly, P.A. *see* Hokland, J.H. 90376
Kelly, P.M., Cannon, M., Barros, J.E. Efficiency issues related to probability density function comparison 66922
Kelly, R. *see* Galloway, J. 111213
Kelly, R.A., Van Coller, J.M., Britten, A.C. Simulation of lightning surges on Eskom's MV/LV distribution networks 102091
Kelly, R.D. *see* Krofli, R.A. 90779
Kelly, S., Funfschilling, J. Synthesis, transition temperatures and some physical properties of some low-melting smectic C materials 85135
Kelly, S.P., Farlow, R., Hayward, G. Applications of through-air ultrasound for rapid NDE scanning in the aerospace industry 90683
Kelly, S.P., Hayward, G. Real-time through transmission inspection of aircraft composites using air-coupled ultrasonic arrays 104208
Kelly, S.P. *see* Gachagan, A. 90859
Kelly, T.C. *see* Dowling, D.P. 84963
Kelly, W.M. *see* Corbett, B. 76031
Kellzi, H. Higher density performance with MCM-CF technology 83666
Kel'manov, A.V., Kutnenko, O.A. Optimal algorithms to estimate the start and duration of truncated pulses in a quasi-periodic sequence 66752
Kel'manov, A.V., Kutnenko, O.A., Salomatina, N.V., Khairetdinova, A.G., Khamidullin, S.A. Macrowave speech synthesis from text 66582
Kelner, G. *see* Gardner, J. 74523
Kelner, G. *see* Kaplan, R. 72753
Kelner, G. *see* Rao, M.V. 105589
Kelsall, D.R. *see* Proud, N.J. 121913
Kelsall, R.W. *see* Mattick, J.H.N. 60733
Kelsall, R.W. *see* Mattick, J.H.N. 113038
Kelsey, J. Home that's run by the sun 121404
Kelsey, J., Schneier, B., Wagner, D. Key-schedule cryptanalysis of IDEA, G-DES, GOST, SAFER, and triple-DES 97505
Kelsey, J. *see* Schneier, B. 66510
Kelso, S. *see* Reinhardt, K. 63353
Kelso, S.M. *see* Reinhardt, K.A. 84114
Kelz, T. *see* Tran, T.K. 74408
Kemeny, P. *see* Canning, J. 96049
Kemeny, P. *see* Durandet, A. 75546
Kemeny, P. *see* Moss, D. 75530
Kemeny, P. *see* Moss, D. 106823
Kemeny, P.C. *see* Faith, M. 75531
Kemeny, P.C. *see* Leech, P.W. 75547
Kemeny, S. *see* Panicacci, R. 100124
Kemeny, S.E. *see* Nixon, R.H. 79146
Kemeny, S.E. *see* Panicacci, R.A. 79544
Kemhadjian, H. *see* Pember, I. 63980
Keming Gu *see* Sadiku, M.N.O. 96916
Keming Wang *see* Wang Keming
Kemmather, B. *see* Kraus, H. 84891
Kemmer, J. *see* Bertuccio, G. 110555
Kemmer, J. *see* Brauninger, H. 90702
Kemmer, J. *see* Cesura, G. 110581
Kemmer, J. *see* Faschingbauer, U. 110557
Kemmer, J. *see* Fasoli, L. 90196
Kemmer, J. *see* Goessling, C. 110549
Kemmer, J. *see* Hartmann, R. 110541
Kemmer, J. *see* Richter, R.H. 110564
Kemmer, J. *see* Soltau, H. 110553
Kemmereit, E. *see* Cosler, A. 110006
Kemmerer, F. *see* Cambron, G.K. 118666
Kemmoku, Y. *see* Morimoto, H. 111853
Kemmotsu, O. Laser therapy for chronic pain syndromes 110901
Kemner, K.M., Harris, V.G., Chakarian, V., Idzerda, Y.U., Elam, W.T., Kao, C.-C., Feng, Y.C., Laughlin, D.E., Woicik, J.C. The role of Ta and Pt in segregation within Co-Cr-Ta and Co-Cr-Pt thin film magnetic recording media 64452
Kemner, K.M. *see* Wolf, J.A. 75083
Kemnitz, A. *see* Heinrich, I. 91060
Kemnitz, D.A. *see* Batarseh, I. 60486
Kemp, C.J. *see* Spangler, L. 112586
Kemp, I.J. *see* Hepburn, D.M. 84707
Kemp, I.J. *see* Hyde, J.R. 84699
Kemp, I.J. *see* McWilliam, C.J. 91547
Kemp, J. *see* Jiang, X.Q. 89538
Kemp, K. *see* Chubin, D. 103356
Kemp, M. *see* Mujica, V. 73895
Kemp, M.F. Multi-media access architectures 118625
Kemp, R.A.de *see* de Kemp, R.A.
Kemp, W.R.G. *see* Connolly, J.J. 119936
Kempe, L. *see* Blom, J. 67697
Kempe, M. *see* Genack, A.Z. 96132
Kempe, M. *see* Kriz, D. 119753
Kempel, L.C. *see* Chatterjee, A. 116840
Kempen, H.van *see* van Kempen, H.
Kempen, L.U., Kunz, R.E., Gale, M.T. Micromolded structures for integrated optical sensors 75559
Kempeneers, P., Moeneclaey, M. Performance of correlated diversity techniques on Rayleigh fading channels 78474
Kemper, A.H., Boling Xi, de Leeuw, R.W., Theuws, W.H.C., Botman, J.I.M., Timmermans, C.J., Hagedoorn, H.L., Oude Velthuis, R.G.J. A distributed dipole power supply system for the EUTERPE electron ring 102852
Kemper, P. Numerical analysis of superposed GSPNs 113151
Kempf, C.J. A step and settle positioning algorithm for electro-mechanical systems with damping 91806
Kempf, M. Quality data. A cross-functional model for quality data 60671
Kempf, P. A non-orthogonal synchronous DS-CDMA case, where successive cancellation and maximum-likelihood multiuser detectors are equivalent 68040
Kempka, M. *see* Andrew, E.R. 120283
Kemppainen, H., Vuori, J., Skytta, J. Ranging and data transmission with spread spectrum modulated ultrasonic signals 109694
Kemppainen, P., Martikainen, O. Open service node for intelligent networks 98827
Kemppinen, M. A contribution to imaging radiometer sampling and integration period determination 111128
Kemppinen, M., Auer, T., Mononen, I., Hallikainen, M. Advanced airplane version of the HUT 93 GHz imaging radiometer 111125
Kempter, J., Lackermeier, R. Burda's two-step communications solution 109054
Kemtchou, J., Ferres, O. Absorption and emission cross-sections measurements for temperature dependent modeling of erbium-doped fiber amplifiers 65085
Ken Ohta, Takashi Watanabe, Tadanori Mizuno A proposal of Network Protocol with Performance for multimedia communication system 78229
Ken Yang Chih-Kong *see* Chih-Kong Ken Yang
Ken Yuh Hsu *see* Xianmin Yi 96656
Ken-Ichi Sato *see* Teshima, M. 116094
Kenarangui, R., Seifi, A. Fuzzy power flow analysis 101673
Kenarangui, R., Tabatabayee, N.M. Artificial intelligence based power systems observability analysis for state estimation using Kalman filtering method 101761
Kenchammana-Hosekote, D.R., Srivastava, J. Retrieval techniques for compressed video streams 98841
Kendall, C.L. *see* Rand, J.A. 112358
Kendall, C.M. *see* Swan, J.M. 90057
Kendall, E. *see* Dospisil, J. 87969
Kendall, K., Wright, E., Golds, A. Co-formed components for solid oxide fuel cells 81772
Kendall, K. *see* Prica, M. 81854
Kendall, M. *see* Heim, J. 79957
Kendall, M. *see* Heim, J. 100442
Kendall, P.C. *see* Reed, M. 107436
Kendall, P.C. *see* Sewell, P. 64770
Kendall, P.C. *see* Sewell, P. 116956
Kendelewicz, T. *see* Herrera-Gomez, A. 74100
Kender, J.R. *see* Nayar, S.K. 67468
Kendo, T. *see* Unno, Y. 80035
Kendziorra, E. *see* Brauninger, H. 90702
Kendziorra, E. *see* Soltau, H. 110553
Kenevan, J.R. *see* Hsu, T.-C.C. 118549
Keng Oh Tiong *see* Oh Tiong Keng
Kengaku, T. *see* Shiraishi, T. 118693
Kenington, P. *see* Bateman, A. 73122
Kenington, P. *see* Bateman, A. 78491
Kenington, P.B., Bateman, A. RF linear amplifier design 73118
Kenington, P.B., Parsons, K.J., Bateman, A., McGeehan, J.P. High-efficiency power amplifier linearisation for mobile communications 73121
Kenington, P.B *see* Bennett, D.W. 78452
Kenington, P.B *see* Parsons, K.J. 78603
Kenji Uchino *see* Sheng-Yuan Chu 115422
Kenjo, T., Nakagawa, T. Ohmic resistance of the electrode-electrolyte interface in Au/YSZ oxygen electrodes 71678
Kenjo, T., Yamakoshi, Y. Oxygen diffusion through the electrolyte bulk in noble metal/$(Bi_2O_3)_{0.8}(Er_2O_3)_{0.2}$ air electrodes 81807
Kennan, W. *see* Camargo, E. 83535
Kennard, D.N. *see* Higa, C. 88443
Kennedy, A. *see* Radford, W. 100114
Kennedy, A.C. *see* Pan, T. 115713
Kennedy, B. *see* McGranaghan, M. 70811
Kennedy, C. *see* Hawasly, S. 112126
Kennedy, C. *see* Kornetzky, P. 112064
Kennedy, C. *see* Moussaoui, Z. 111539
Kennedy, C.J., Gollihar, W.A., DeShazer, L.G. 2.8 μm Er,Cr:YSGG laser beam hollow waveguide transmission 70078
Kennedy, E.J. *see* Britton, C.L., Jr. 80132
Kennedy, E.J. *see* Britton, C.L., Jr. 100979
Kennedy, E.J. *see* Britton, C.L., Jr. 110617
Kennedy, G.P. *see* Gregory, H.J. 84326
Kennedy, G.T., Roberts, P.D., Sibbett, W., Davies, D.A.O., Fisher, M.A., Adams, M.J. Intensity dependence of the transparency current in InGaAsP semiconductor optical amplifiers 116524
Kennedy, G.T. *see* Hamilton, C.J. 65456
Kennedy, G.T. *see* Hamilton, C.J. 74387
Kennedy, G.T. *see* Hamilton, C.J. 96711
Kennedy, J. *see* Butterwick, N.B. 67810
Kennedy, J. *see* Hayden, M. 111584
Kennedy, J.G. *see* Hayden, M.C. 111481
Kennedy, K. *see* Hunt, D. 100429
Kennedy, L.R. *see* Mobley, F.F. 90689
Kennedy, M., Plass, W., Ristau, D., Giesen, A. Environmental stability of CO_2 laser optics 107094
Kennedy, M. *see* Ristau, D. 107433
Kennedy, P.C. *see* Bringi, V.N. 90775
Kennedy, R.J. Growth of epitaxial films of iron oxide, nickel oxide, cobalt oxide, strontium hexagonal ferrite, and yttrium iron garnet by laser ablation 61197
Kennedy, R.M. *see* Park, J.C. 70504
Kennedy, T.A., Glaser, E.R., Brown, S.W., Cavenett, B.C., Prior, K.A. Optically detected magnetic resonance of MBE-grown ZnSe:N 74215
Kennedy, T.A. *see* Bhargava, R.N. 62713
Kennedy, T.A. *see* Carlos, W.E. 75748
Kennedy, V. *see* Kanamura, K. 121874
Kennedy Kumar, K., Padmanabhan, K. Development of an information exchange system from remote instruments 67652
Kennemann, O. Locating mobiles in non-flowing traffic 88330

Kennett, B. *see* Shibutani, T. 111076
Kenney, J., Jen, A. Polymer material systems for E/O waveguide devices 106742
Kenney, J.P. *see* Herd, J.S. 97357
Kenney, J.S. *see* Leke, A. 93798
Kenney, J.S. *see* Nelson, B. 82964
Kenney, R.B. *see* Ardis, M. 69064
Kenney, S. *see* Bonito-Oliva, A. 95532
Kennis, P. *see* Carpentier, J.F. 62358
Kennis, P. *see* Delplanque, Y. 65943
Kenny, M.A. *see* Rahman, I.Z. 115589
Kenny, T.W. *see* Miller, L.M. 79361
Kenny, T.W. *see* Rockstad, H.K. 88985
Keno, T. *see* Maeda, M. 73097
Kent, A.J., Strickland, R.E., Strickland, K.R., Henini, M. Phononconductivity measurement of the phonon absorption by a two-dimensional hole gas in a GaAs heterojunction 94485
Kent, A.J. *see* D'Alessandro, G. 107424
Kent, A.J. *see* Gancza, W.M. 74355
Kent, A.J. *see* Naylor, A.J. 105417
Kent, B.J. *see* Read, P.D. 79526
Kent, B.M. *see* Brett, M.E. 71062
Kent, E. *see* Rayasam, R. 78581
Kent, K. *see* Kuffel, P. 111491
Kent, M. *see* Bernadas, S. 79200
Kent, R. Balancing voice and data bandwidth [computer telephone integration] 67703
Kent, R.E. Rough concept analysis: a synthesis of rough sets and formal concept analysis 103641
Kent, S. *see* Paker, S. 65772
Kent, T. *see* Larsen, V. 98689
Kent, T.A. *see* Chih-Wei Chang 110690
Kent Fuchs, W. *see* Venkataraman, S. 104475
Kent Goodrich, R. *see* Passi, R.M. 97661
Kent Tseng *see* Sahai, A. 78174
Kenton, A.R., Martin, P.J., Evans, D.H. Power Doppler: an advance over colour Doppler for transcranial imaging? 69982
Kenward, M. Superconductors get ready to transform industry 95443
Kenwright, D.N., Lane, D.A. Interactive time-dependent particle tracing using tetrahedral decomposition 90199
Kenyi, L.W., Raggam, H. Atmospheric induced errors in interferometric DEM generation 111084
Kenyon, A.J. *see* Trwoga, P.F. 106984
Kenyon, L. *see* Anderson, M. 115062
Kenyon, V. *see* Nolting, E. 69899
Kenyon, V.L., III *see* Miller, J.D. 69900
Keogan, M.T., Kliewer, M.A., Hertzberg, B.S., DeLong, D.M., Tupler, R.H., Carroll, B.A. Renal resistive indexes: variability in Doppler US measurement in a healthy population 80363
Keoleian, G.A. *see* Lewis, G. 81911
Keon, B. *see* Coulson, D. 75466
Keon-Ho Yoo *see* Kim, T.W. 105382
Keon-Myung Lee, Favrel, J., Hyung Lee-Kwang, Chang-Bum Kim Fuzzy convolution as a nonlinear digital filter 97753
Keong Chong Che *see* Chong Che Keong
Kepkep, A. *see* Leblebici, Y. 93260
Kepkep, A. *see* Ozdemir, H. 93257
Kepko, E.L. *see* Khurana, K.K. 111228
Kepley, L. *see* Doeff, M.M. 121842
Keppner, H. *see* Chabloz, P. 92905
Keppner, H. *see* Torres, P. 105094
Kepreotes, P.N. Digital technology for program contribution and distribution in ABC Radio 88806
Kepten, A. *see* Wasserman, Y. 84070
Keqian Zhang *see* Zhang Keqian
Keqiang Du *see* Du Keqiang
Keqiang Shen *see* Yao Li 95172
Ker, M.-D., Yu, T.-L. ESD protection to overcome internal gate-oxide damage on digital-analog interface of mixed-mode CMOS IC's 115362
Ker Ming-Dou *see* Ming-Dou Ker
Ker-Min Chen *see* Chin-Liang Wang 93401
Ker-Ming Chen *see* Syh-Ming Ho 72289
Kera, T. *see* Ogata, K. 74212
Keran Shao *see* Shao Keran
Kerbaol, V., Chapron, B., El Fouhaily, T., Garello, R. Fetch and wind dependence of SAR azimuth cutoff and higher order statistics in a mistral wind case 120762
Kerbaol, V. *see* Elfouhaily, T. 120805
Kerboull, F. *see* Falcoz, F. 96207
Kerbrat, A. *see* Bellissard, L. 109176
Kercel, S.W., Dress, W.B. Feasibility of an anticipatory noncontact precrash restraint actuation system 71866
Keren, D., Werman, M. Bayesian interpolation 72579
Keren, D. *see* Subrahmonia, J. 67366
Kerenyi, J. *see* Csiszar, I. 120788
Kerfoot, F.W. *see* Bergano, N.S. 88646
Kergosien, B. *see* Ortega, J.M. 107394
Kerherve, B., Vogel, A., Bochmann, G.V., Dssouli, R., Gecsei, J., Hafid, A. On distributed multimedia presentational applications: Functional and computational architecture and QoS negotiation 118587
Kerherve, B. *see* Hafid, A. 109242
Kerherve, E. *see* Jarry, P. 73535
Keri, A.J.F. *see* Iravani, M.R. 91033
Kerimova, T.G. *see* Guseinov, D.T. 74306
Kerkel, K., Oshinowo, J., Forchel, A., Weber, J., Zielinski, E. Room temperature observation of lateral quantization effects in modulated barrier InGaAs/InP wires 94557
Kerkeni, N. *see* Elsner, F. 66995
Kerkeni, N. *see* Soltane, S. 66997
Kerkhof, J.C.van *see* van Kerkhof, J.C.
Kerkhof, J.M. *see* Jorritsma, J. 114988
Kerkhoff, H. *see* Oliver, J. 62525
Kerkhoff, H. *see* Oliver, J. 73904
Kerkhoff, H. *see* Oliver, J. 73910
Kerkman, R.J., Rowan, T.M., Leggate, D., Seibel, B.J. Control of PWM voltage inverters in the pulse dropping region 102866
Kerkman, R.J., Seibel, B.J., Rowan, T.M., Schlegel, D.W. A new flux and stator resistance identifier for AC drive systems 71804
Kerkman, R.J., Thunes, J.D., Rowan, T.M., Schlegel, D.W. A frequency-based determination of transient inductance and rotor resistance for field commissioning purposes 71328
Kerkman, R.J. *see* Busse, D. 71230
Kerkman, R.J. *see* Busse, D. 71750
Kerkman, R.J. *see* Seibel, B.J. 71748
Kerkoc, P., Bailey, R.T., Cruickshank, F.R., Pugh, D., Sherwood, J.N. Investigation of optical damage in the nonlinear optical crystal (−)2-(α-methylbenzylamino)-5-nitropyrine 65417
Kerkow, H., Mar'in, B.V., Petukhov, V.P., Rubinshtein, I.A., Stolle, R. Determination of the efficiency of channel electron multipliers by the pulse method 90184
Kerkow, H. *see* Bollmann, J. 74519
Kerkvliet, H.M.M. *see* Toth, F.N. 69058
Kerman, B. *see* Falco, T. 90826
Kermani, A. *see* Conrad, E. 91751
Kermani, A. *see* Moslehi, M.M. 84056
Kermani, M. *see* Smith, G.R. 120229
Kermanshahi, B., Zhao, M., Yokoyama, R., Asari, M. A sense of security for mid-term load forecasting using neural net 102028
Kermanshahi, B. *see* Min Zhao 121074
Kermanshahi, B.S., Asari, M. Application of neural network on winter peak load forecasting of distribution feeders 81043
Kermarrec, C. *see* McGrath, F.J. 68144
Kermene, V., Desfarges, A., Colombeau, B., Froehly, C., Vampouille, M. Intracavity coupling of Gaussian laser beams in the continuous and pulsed range 76084
Kermene, V. *see* Barthelemy, A. 65389
Kermene, V. *see* Desfarges, A. 76179
Kern, A. Didactical concepts and tools for explaining power electronics applications 60457
Kern, A., Yu, B. Control of non-linear loads driven by a DC-AC converter 103195
Kern, A., Yu, B., Schroder, G. A DC-AC converter for nonlinear loads 71952
Kern, C.F. *see* Roos, J.G. 101805
Kern, G.A. CRT-display inspection with a solid-state camera: 3D modeling and parallax correction 89444
Kern, J. *see* Badimirowski, K. 112980
Kern, J. *see* Hoszowska, J. 90251
Kern, J.A., Weiser, M.W., Drewien, C.A. Microstructural analysis of lead-free solder on Ag/Pd and Ag/Pt-based metallizations 92947
Kern, J.A. *see* Weiser, M.W. 82192
Kern, K. *see* Gasser, B. 69106
Kern, R., Meyer, R., Theiner, W.A., Valeske, B. Process integrated nondestructive testing of laser-hardened components 113002
Kern, R. *see* Muller, P. 113317
Kern, R.S. *see* Davis, R.F. 103876
Kern, R.S. *see* Davis, R.F. 103986
Kern, R.S. *see* Edwards, N.V. 114903
Kern, R.S. *see* Harris, C.I. 105303
Kern, R.S. *see* Tanaka, S. 103982
Kern, W. *see* Treichel, H. 115026
Kern Koh *see* Yeon Seung Ryu 98852
Kernc, J. *see* Fajdiga, M. 72354
Kernchen, W. Audio analysis today and tomorrow 88872
Kerner, H. *see* Fernandes, M.F. 70653
Kerner, T.M., Warkentien, R. The Datacon Master–renovation of a Datacon field bus communications system for accelerator control 89622
Kerner, W. *see* Peters, A. 70170
Kerner, W. *see* Peters, A. 80408
Kerns, C. *see* Kerns, Q. 100696
Kerns, D.V. *see* Gurbuz, Y. 119767
Kerns, D.V. *see* Kang, W.P. 83746
Kerns, J.A., Colella, N.J., Makowiecki, D., Davidson, H.L. Dymalloy: a composite substrate for high power density electronic components 82218
Kerns, J.A. *see* Wienands, U. 89916
Kerns, K. *see* Small, D.W. 70391
Kerns, K.J., Wemble, I.L., Yang, A.T. Efficient parasitic substrate modeling for monolithic mixed-A/D circuit design and verification 62059
Kerns, K.J., Yang, A.T. Stable and efficient reduction of large, multiport RC networks by pole analysis via congruence transformations 82852
Kerns, Q., Popovic, M., Kerns, C. Spark location in RF cavities 100696
Kerns, S. *see* Pagey, M. 95027
Kerpez, K. *see* Chen, W.Y. 79167
Kerpez, K.J. A radio access system with distributed antennas 67957
Kerpez, K.J. The channel capacity of hybrid fiber/coax (HFC) networks 67958
Kerr, D. *see* Girach, K. 68357
Kerr, D. *see* Kaufmann, G.H. 107630
Kerr, D.C. *see* Wenchao Liang 84283
Kerr, G. BT's video on demand trials 118620
Kerr, H.W. *see* Graham, M.P. 107644
Kerr, H.W. *see* Hoepp, E.E. 111025
Kerr, M.K. *see* Rosser, S.G. 112943
Kerr, R.B. Data communications management for the Boeing 777 airplane 70350
Kerr, R.B. *see* Thayer, J.P. 120765
Kerr, R.H. *see* Gilles, P.S. 113639
Kerr, S. *see* Halfpenny, A. 102563
Kerr, T.H. Extending decentralized Kalman filtering: Results for novel real-time multisensor image fusion and/or restoration 117648
Kerre, E.E. *see* Janssen, H.J. 103605
Kerret, H.De *see* De Kerret, H.
Kerrison, A., Macknelly, A. A structured approach to operations and maintenance [telecommunications] 108981
Kersch, A. Development of RTP-control with Monte Carlo simulation 63209
Kersch, A. *see* Schafbauer, T. 63208
Kersey, A.D. A review of recent developments in fiber optic sensor technology 110180
Kersey, A.D., Dandridge, A., Davis, A.R., Kirdendall, C.K., Marrone, M.J., Gross, D.G. 64-element time-division multiplexed interferometric sensor array with EDFA telemetry 89124
Kersey, A.D., Marrone, M.J. Bragg grating based nested fibre interferometers 79509
Kersey, A.D. *see* Davis, M.A. 89137
Kersey, A.D. *see* Koo, K.P. 89123
Kersey, A.D. *see* Merzbacher, C.I. 69201
Kersey, A.D. *see* Patrick, H.J. 100085
Kersey, A.D. *see* Sirkis, J.S. 89114
Kershaw, D.J., Evans, R.J. A contribution to performance prediction for probabilistic data association tracking filters 97675
Kershaw, S. *see* Summerfield, S. 114134
Kershaw, S.M., Summerfield, S., Sandler, M.B., Anderson, M. Realisation and implementation of a sigma-delta bitstream FIR filter 114109
Kershaw, Y. *see* Dilger, M. 72782
Kershaw, Y. *see* Nash, G.R. 105419
Kerslick, G.S. *see* Flechtner, D. 90107
Kerslick, G.S. *see* Ivers, J.D. 89607
Kerslick, G.S. *see* Naqvi, S. 62635
Kerslick, G.S. *see* Naqvi, S. 100472
Kerslick, G.S. *see* Naqvi, S.A. 62621
Kerslick, G.S. *see* Naqvi, S.A. 105077
Kerssens-Van Drongelen, I.C., de Weerd-Nederhof, P.C., Fisscher, O.A.M. Describing the issues of knowledge management in R&D: towards a communication and analysis tool 103375
Kersten, P. *see* Christensen, C. 115015
Kersten, P. *see* Riehle, F. 96093
Kersten, R.T., Wolff, D. High power laser diodes in material processing 92179
Kersting, W.H., Phillips, W.H. Phase frame analysis of the effects of voltage unbalance on induction machines 71329
Kersting, W.H., Phillips, W.H. Modeling and analysis of unsymmetrical transformer banks serving unbalanced loads 71399
Kersulis, S. *see* Mitin, V. 72845
Kerszenbaum, I. *see* Streifel, R.J. 81391
Kertesz, P. *see* Vanfleteren, J. 114472
Keryer, G., Yao, K., Torres, Y., De Bougrenet de la Tocnaye, J.L. Performances of optical multichannel JTCs 77189
Kerzar, B. *see* Niburg, M. 119218
Kesan, V.P. *see* Ghioni, M. 78836
Kesavan, R. *see* Arora, R.S. 104001
Kesavan, R. *see* Basu, P.K. 114867
Kesavan, R. *see* Datta, P. 104000
Kesavan, R. *see* Kumar, P. 104847
Kesdogan, D., Fouletier, X. Secure location information management in cellular radio systems 118836
Kesdogan, D. *see* Fasbender, A. 118873
Kesdogan, D. *see* Federrath, H. 109369
Keselman, L.M. *see* Motlis, Y. 121189
Kesgin, A.S. *see* Taspinar, N. 88127
Keshav, S. *see* Ahuja, R. 87305
Keshav, S. *see* Ahuja, R. 98401
Keshav, S. *see* Grossglauser, M. 87393
Keshav, S. *see* Grossglauser, M. 117913
Keshava, C. *see* Ravi, K.N. 81115
Kesheorey, M.R. *see* Sahebu, K.M. 78264
Keskar, P.Y. Analysis of lightning-related damages to instrumentation and control systems for water and wastewater plants 88909
Keski-Rahkonen, O. *see* Heikkila, L. *(editor)* 91269
Keskitalo, N., Hallen, A., Masszi, F., Olsson, J. Simulation of forward bias injection in proton irradiated silicon pn-junctions 74343
Keskitalo, N. *see* Bleichner, H. 83812
Keskitalo, N. *see* Hallen, A. 62677
Kesler, M.P. *see* Maloney, J.G. 97054
Kesling, W.D. *see* Hunt, C.E. 74020
Kesong Hu *see* Hu Kesong
Kesorn, J. *see* Kiranon, W. 93170
Kess, B.L., Romig, P.R., III, Reichenbach, S.E., Samal, A. Using ATM networks for processing global Earth data 120701
Kess, B.L., Steinwand, D.R., Reichenbach, S.E. Compression of regions in the global advanced very high resolution radiometer 1-km data set 70438
Kessel, S. *see* Thewes, R. 113783
Kessel, W. *see* Khabipov, M.I. 104460
Kesselman, C. *see* Lee, C.A. 90839

Kesselring, J.P. *see* de Lima, A.F.M.M. 112619
Kesselyak, P. Availability objectives of advanced telecommunications services 98804
Kessinger, C.J. *see* Brandes, E.A. 80614
Kessler, B. *see* Bachmann, P.K. 114905
Kessler, B. *see* Schlebusch, C. 64899
Kessler, E.G. *see* Hudson, L.T. 120388
Kessler, E.G., Jr. *see* Deslattes, R.D. 68968
Kessler, F.R. *see* Harms, U. 121892
Kessler, G.D., Hodges, L.F. A network communication protocol for distributed virtual environment systems 67580
Kessler, H.-W. *see* Seeliger, A. 103477
Kessler, J. *see* Menezes, S. 103012
Kessler, J. *see* Wiedeman, S. 112334
Kessler, L.W. *see* Semmens, J.E. 94125
Kessler, L.W. *see* Semmens, J.E. 94843
Kessler, L.W. *see* Semmens, J.E. 103465
Kessler, M.G. Intra-Nets: open messaging technology and opportunities for user driven information spaces 109143
Kessler, R.M. *see* Ge, Y. 101185
Kessler, T. *see* Henkel, W. 87976
Kessler, W.J. *see* Davis, S.J. 107053
Kessler, W.J. *see* Davis, S.J. 107054
Kessler, W.J. *see* Miller, M.F. 111065
Kester, J.J. *see* Henry, L.J. 65487
Kesteren, H.W.van *see* van Kesteren, H.W.
Kestle, A. *see* Clark, S.A. 84206
Keswick, P. *see* Fang, S. 84140
Keszei, B. *see* Guobao Zheng 75154
Keszler, D.A. Borates for optical frequency conversion 76102
Ketata, K. *see* Koumetz, S. 74276
Ketata, K. *see* Koumetz, S. 83852
Ketata, K. *see* Marcon, J. 105559
Ketata, M. *see* Bensrhair, A. 108575
Ketata, M. *see* Koumetz, S. 74276
Ketata, M. *see* Koumetz, S. 83852
Ketata, M. *see* Marcon, J. 105559
Ketel, M., Kurz, L. The generalized quantile array processing detector 66679
Ketels, M. *see* Schellemans, G. 60480
Ketelsen, L.J.P., Eng, L.E., Kim, I., Grenko, J.A., Sutryn, D.C., Wessel, T.H., Chakrabarti, U.K., Coblentz, D.L., Hartman, R.L. Low dispersion penalty directly modulated 1.55 μm DFB lasers with complex coupled gratings 109608
Ketelsen, L.J.P. *see* Kojima, K. 88635
Keto, J.W. *see* Bhatia, P.S. 107137
Keto, J.W. *see* Jaemyoung Lee 115525
Ketolainen, P. *see* Pashkevich, V. 96762
Ketolainen, P. *see* Riihola, P. 76305
Ketten, D.R. *see* Ge Wang 101432
Kettenis, J. *see* de Haan, G. 61949
Kettenis, J. *see* De Loore, B. 77534
Ketter, T.A. *see* Lee, C. 90341
Ketterson, J. *see* Zhou, H. 116673
Ketterson, J.B. *see* Rippert, E.D. 64561
Ketterson, J.B. *see* Song, S.N. 110627
Kettleborough, J.G., Gregory, K., Smith, J.R., Vadher, V.V. Railway supply-system simulation 103130
Kettleborough, J.G. *see* Vadher, V.V. 102771
Kettlitz, M. *see* Hartel, G. 116421
Kettner, T. *see* Oehm, J. 81400
Kettunen, L. *see* Forsman, K. 65676
Kettunen, L. *see* Forsman, K. 96946
Kettunen, L. *see* Ikaheimo, J. 96934
Kettunen, L. *see* Lahtinen, M. 115900
Kettunen, L. *see* Raugi, M. 107723
Kettunen, L. *see* Salonen, J. 61080
Ketzer, B. *see* Niestroj, A. 80008
Ketzmerick, R. *see* Smet, J.H. 105235
Keuk, G.Van *see* Van Keuk, G.
Keukeleire, C.De *see* De Keukeleire, C.
Keuls, F.W.Van *see* Van Keuls, F.W.
Keum Chan Whang *see* Dong Do Lee 118030
Keum Chan Whang *see* Ki Jun Kim 118864
Keum-Yong Kim *see* Jei-Hwan Yoo 73371
Keun Bae Kim *see* Sung Chan Park 68913
Keun Chang Yong *see* Yong Keun Chang
Keun Ho Auh *see* Chung, Y.S. 92801
Keun Hyung Park *see* Geun Sook Park 83125
Keun Kim Dong *see* Dong Keun Kim
Keun Lee Seoung *see* Seoung Keun Lee
Keun Lee Sung *see* Sung Keun Lee
Keun Oh Seong *see* Seong Keun Oh
Keun Park Seong *see* Seong Keun Park
Keun Song Ho *see* Ho Keun Song
Keun Soo Lee, Jong Hyun Choi, Sung Ki Kim, Hong Bin Jeon, Jin Jang Low off-state leakage current thin-film transistor using Cl incorporated hydrogenated amorphous silicon 115248
Keun Soo Lee *see* Sung Ki Kim 94612
Keun Sung Dan *see* Dan Keun Sung
Keun-Chung Kim, Soon-Back Kim, Doo-Young Kim, Myung-Ki Kim Matching of shape using surface parameter in range image 86880
Keun-Ho Jang *see* Hong-Seok Choi 105124
Keunen, R.W.M., Vliegen, J.H.R., Stam, C.J., Tavy, D.L.J. Nonlinear transcranial Doppler analysis demonstrates age-related changes of cerebral hemodynamics 80204
Keung Kox Ping *see* Ping Keung Kox
Keung Lor Sze *see* Sze Keung Lor
Keuning, J. *see* Vinck, A.J.H. 67557
Keunjoo Kim, Young Hee Lee, Myung Hwan An, Moon Suhk Suh, Chang Joo Youn, Kee Bang Lee, Hyung Jae Lee Growth law of silicon oxides by dry oxidation 74606
Keur, P.van der *see* van der Keur, P.
Keuren, A.E.Van *see* Van Keuren, A.E.
Keuren, E.Van *see* Van Keuren, E.
Keusseyan, R.L., Osborne, J.J., Speck, B.S., Roach, C.J., Sawhill, H.T., Borland, W., Gallo, S.A. New thick film material systems for flat panel plasma displays 89281
Keutzer, K. *see* Devadas, S. 61803
Kevenaar, T.A.M. *see* van Spaandonk, J. 106143
Kevickzy, L., Pham Huy Thoa Identification techniques for correlated noise systems with multisensors 110063
Kevorkian, A. *see* Lupascu, A. 85068
Kew Tan Geik *see* Tan Geik Kew
Kewei Chen *see* Xianjin Li 120303
Kewley, D.J. *see* Jarvis, B.J. 68657
Kewley, D.J. *see* Oxenham, M.G. 117352
Kexi Xu, Shiping Zhou, Jia-Shan Bao, Wei-Wei Xu, Huabing Wang Optical detector using granular $YBa_2Cu_3O_{7-\delta}$ weak link-type junctions 89100
Kexin Chen *see* Chen Kexin
Kexun Jiang *see* Jiang Kexun
Key, E.L. *see* Games, R.A. 66481
Key, J. *see* Meier, W. 111251
Key, J.D. *see* Assmus, E.F., Jr. 117244
Key, J.R., Stone, R.S., Schweiger, A.J. Expected errors in satellite-derived estimates of the high latitude surface radiation budget 120763
Key, M. *see* Eimeri, D. 85420
Key, M.H. *see* Rothenberg, J.E. 85563
Key, M.H. *see* Smith, C.G. 107039
Key, M.H. *see* Zhang, J. 96102
Key, P.H. *see* Cranton, W.M. 94359
Key, P.H. *see* Dyer, P.E. 92926
Key, P.H. *see* Dyer, P.E. 95226
Key, R.W. *see* Kizilyalli, I.C. 106227
Key, T.S., Jih-Sheng Lai Costs and benefits of harmonic current reduction for switch-mode power supplies in a commercial office building 112623
Key Lee Moon *see* Moon Key Lee
Key-Jeong Yoon, Sung-Bum Hwang, Chung-Kun Song, Chang-Hee Hong Impact ionization rate of the highly-doped AlGaAs-GaAs quantum well 94535
Keyanu, A.S. *see* Gorya, O.S. 74439
Keydel, W. SAR technique and technology, its present state of the art with respect to user requirements 68629
Keyes, B. *see* Li, X. 112366
Keyes, B.M. *see* Levi, D.H. 94368
Keyes, B.M. *see* Venkatasubramanian, R. 112379
Keyser, A.De *see* De Keyser, A.
Keyser, F. *see* Gould, S. 113853
Keyser, R.De *see* De Keyser, R.
Keyser, T. *see* Dolny, G. 69396
Keyser, T. *see* Khormaei, R. 89376
Keyser, T.M. *see* Yung-Cheng Lee 96300
Keyte, G. *see* Stevens, D. 111126
Keyu Li Interferometric smart material for measuring permanent deformations 89511
Keyu Zhao, Fuyong Xu, Mai Lu Analysis for dispersion characteristics of elliptic- and parabolic-groove waveguides 76542
Keyworth, B.P., Corazza, D.J., MacDonald, R.I. Beam extractor card for free-space optical backplanes 94109
Keyworth, G. *see* Dyson, E. 112825
Kezerashvili, G.Ya., Milov, A.M., Muchnoi, N.Yu., Dubrovin, A.N., Kiselev, V.A., Naumenkov, A.I., Shrinsky, A.N., Shatilov, D.N., Simonov, E.A., Petrov, V.V., Protopopov, I.Ya. ROKK-1M is the Compton source of the high intensity polarized and tagged gamma beam at the VEPP-4M collider 120092
Kezhao Zhang, Fredkin, D.R. Surface anisotropy of a fine γ-Fe_2O_3 particle 75093
Kezun Xu *see* Xu Kezun
Kezunovic, M., Chen, Q. A novel approach for interactive protection system simulation 121226
Kezunovic, M., Rikalo, I. Detect and classify faults using neural nets 121142
Kezunovic, M., Rikalo, I., Fromen, C.W., Sevcik, D.R. An advanced hybrid solution for automated substation monitoring using neural nets and expert system techniques 102924
Kezunovic, M., Rikalo, I., Sobajic, D.J. Real-time and off-line transmission line fault classification using neural networks 70826
Kezunovic, M. *see* Perunicic, B. 102324
Kezunovic, M. *see* Sidhu, T.S. 102229
Khabayev, P.V. *see* Anischenko, S.E. 115954
Khabayev, P.V. *see* Larkin, S.Y. 115955
Khabiboulline, T., Puntus, V., Dohlus, R.M., Holtkamp, N., Kreps, G., Ivanov, S., Jin, K. A new tuning method for traveling wave structures 100505
Khabibulaev, P.K., Saidov, A.A., Karayanis, Yu.P., Treguiov, S.V., Alaev, A.A., Yuldashev, Sh.U. The synthesis-gas production by cotton stem gasification 81915
Khabibullin, M.G. *see* Galiulin, R.M. 107673
Khabipov, M.I., Dolata, R., Buchholz, F., Kessel, W., Niemeyer, J. Direct current to 350 GHz operation of rapid-single-flux-quantum T-flipflop circuits in niobium technology 104460
Khacef, A. *see* Pouvesle, J.M. 101008
Khachab, N.I., Al-Saqer, A., Varghese, J.G. A BiCMOS cell with applications to highly linear analog transconductor realizations 104738
Khachab, N.I., Liang-Chih Su, Ismail, M. A new Tow Thomas filter structure with programmable ω_n and Q 83203
Khachab, N.I. *see* Cherri, A.K. 95905
Khachatrian, L.H. *see* Ahlswede, R. 87501
Khachatryan, A.G., Amatuni, A.Ts., Sekhposyan, E.V., Elbakyan, S.S. Excitation of electromagnetic fields by an electron bunch in a waveguide filled with a cold plasma 110487
Khachatryan, A.G. *see* Amatuni, A.T. 79895
Khachaturov, B.A. *see* Ball, J. 120096
Khachaturov, G. An approach to detection of line elements 87110
Khadem, R. Mobile business applications: examples of global applications through existing satellite networks and those in planning 88442
Khademi, M., Paoloni, F.J. Performance and statistical analysis of two-layer MPEG coding algorithms for ATM networks 86301
Khademian, A. *see* Ghoranneviss, M. 113433
Khadiri, M.El *see* El Khadiri, M.
Khadouri, S.H., Van Der Goes, F.M.L., Meijer, G.C.M. A smart CMOS interface system for thermocouples 110053
Khadraoui, D., Motyl, G., Martinet, P., Gallice, J., Chaumette, F. Visual servoing in robotics scheme using a camera/laser-stripe sensor 117565
Khaikin, N.S. *see* Pogosov, G.A. 66765
Khaimov, V.A., Voropaev, Yu.A., Kotlyar, O.E. Optimizing the conditions for cooling the low-pressure cylinder of a T-250/300-240 turbine by injecting condensate into the receiver tubes 102469
Khainovskii, V.I., Uzdovskii, V.V. Experimental investigations of the electrical and photoelectrical characteristics of the two-channel bulk charge coupled device 79523
Khainovskii, V.I. *see* Il'ichev, E. 84507
Khaira, M. *see* Clarke, E.M. 83173
Khairetdinova, A.G. *see* Kel'manov, A.V. 66582
Khairnasov, N.G. *see* Elliott, S.R. 80104
Khairy, M., Fikri, M., Badawi, A. A new digital correlator for bandlimited direct sequence spread spectrum signals 88096
Khairy, M., Fikri, M., Badawi, A. A new technique for the correlation of bandlimited direct sequence spread spectrum signals 99084
Khajenoori, S. *see* Linton, D.G. 113029
Khalaf, M.A. *see* Corazao, M.R. 93218
Khalaf Al-Ali, A. *see* Taher Abuelma'atti, M. 82989
Khalameida, D.D. *see* Pogrebnyak, V.A. 105140
Khaled, M.A., Khatun, M., Haque, M., Kabir, I., Mahalanabis, D. Single, dual and multi-frequency bioimpedance to measure human body composition 110846
Khaleev, M.M., Mak, A.A., Novikov, G.E., Orlov, O.A., Ustyugov, V.I., Viktorov, E.A. Latent antiphase dynamics of a multimode solid-state laser with intracavity SHG 96238
Khaleghi, F., Kavehrad, M. New correlator receiver architecture for optical CDMA networks with an increased system capacity 88472
Khaleghi, F., Kavehrad, M. A new correlator receiver architecture for noncoherent optical CDMA networks with bipolar capacity 119245
Khaleghi, F., Li, J., Kavehrad, M., Hyung Kim Increasing repeater span in high-speed bidirectional WDM transmission systems using a new bidirectional EDFA configuration 99576
Khalid, A.H. *see* Karacaoglu, U. 114333
Khalid, A.T.M.Shafiqul *see* Shafiqul Khalid, A.T.M.
Khalid, M. *see* Yukawa, T. 80494
Khalid, O. *see* Obaidat, M.S. 120927
Khalid, T., Mattila, R. TVA's hunt for better turbine monitoring and reduced outage 91252
Khalifa, M. *see* Dahman, H. 113428
Khalil, A.N. *see* Egalon, C.O. 89134
Khalil, D.A.M. *see* Safwat, A.M.E. 62354
Khalil, H.K., Strangas, E.G. Robust speed control of induction motors using position and current measurements 102694
Khalil, H.M. *see* Yousef, H.A. 71781
Khalil, H.S. *see* Shehata, S.A.M. 91026
Khalil, I., Ali, B.M., Mukerjee, M.R. Bandwidth allocation in high speed networks with multiple nested charge classes 77876
Khalil, I.S. *see* Diederich, C.J. 70203
Khalil, M. Fax-on-demand services: timely and cost effective for document delivery 87646
Khalil, N., Nanz, G., Rios, R., Selberherr, S. A B-splines regression technique to determine one-dimensional MOS doping profiles 84412
Khalil, N.A. *see* Cheng-Liang Huang 63740
Khalil, T.M. *see* Waly, S.M. 110850
Khalil, Z., Ghitany, M.E. On some performance characteristics for a TASI system 66586
Khalili, S.I., Petraglia, A. Aliasing effects in transversal narrowband switched-capacitor filters based on the interpolated finite impulse response approach 73552
Khaliquzzaman, M., Biswas, S.K., Khan, A.H., Firoz Hasan, S.M., Subhan, M.A., Quadir, L. Study of the composition of vacuum deposited thin films of $CuInSe_2$ using PIXE and their properties 94448
Khamas, S.K., Cook, G.G., Waldron, R.J. Moment-method analysis of printed circular wire-loop

antenna using curved piecewise sinusoidal subdomain basis and test functions 108027
Khambete, N.D., Shashidhara, J., Bhuvaneshwar, G.S., Sivakumar, R. Impedance measurement system for concentric needle electrodes 110836
Khamesee, M.B. *see* Nakamura, T. 85814
Khamesra, S. *see* Ameta, S.C. 112395
Khamidova, B. *see* Gulyamov, G. 74316
Khamidullin, S.A. *see* Kel'manov, A.V. 66582
Khamis, I.H., Higgins, J.J. Optimum 3-step step-stress tests 82342
Khamisy, A. *see* Cidon, I. 77630
Khamitov, D.H. *see* Galiulin, R.M. 107673
Khamlichi, K.D.El *see* El Khamlichi, K.D.
Khamoyan, A.G. *see* Zakhar'yash, V.F. 85380
Khamsehpour, B., Davies, S.T. Focused ion beam preparation of inclined planes in semiconductor materials 60595
Khamsehpour, B. *see* Davies, S.T. 60596
Khamsehpour, B. *see* Ruhrig, M. 115519
Khamy, S.El *see* El Khamy, S.
Khan, A., Batarseh, I., Siri, K., Elias, J. Boost power factor correction circuits 71549
Khan, A., Kornetzky, P., Batarseh, L. Analysis and design of a boost derived DC-to-AC inverter 112125
Khan, A., Kornetzky, P., Kayyali, K., Siri, K., Batarseh, I. Analysis and design of a zero voltage switching DC-to-AC inverter 121724
Khan, A., Narayanan, R., Batarseh, I., Liou, J.J., Kussay Kayyali, A. Analysis and design of a zero voltage switching dc-to-ac inverter 93129
Khan, A. *see* Batarseh, I. 104345
Khan, A. *see* Snyder, G.J. 111817
Khan, A. *see* Sundaram, K.B. 105134
Khan, A.A.A. *see* Al-Saleh, M.A. 91727
Khan, A.H. *see* Khaliquzzaman, M. 94448
Khan, A.R. Workhorses of the electronic era [microcontrollers] 113976
Khan, A.R., Desu, S.B. The effect of stoichiometry on the microstructure and properties of lead lanthanum titanate thin films 75023
Khan, A.Z. Computation of steady-state voltage stability limit using eigenvalue sensitivities and constant current load model 101674
Khan, A.Z. Electrical energy conservation and its application to a sheet glass industry 112643
Khan, A.Z. *see* Shwehdi, M.H. 101788
Khan, F.M., Gibbons, J.P., Roback, D.M. Collimator (head) scatter at extended distances in linear accelerator-generated photon beams 110886
Khan, G.N. *see* Haroon-Ur-Rashid 98147
Khan, H.R., Frey, H. Ion beam deposition of crystallographically aligned nano-crystalline silicon films 82746
Khan, H.R., Frey, H., Banhart, F. Structural, morphological, electrical and luminous properties of undoped micro/nanocrystalline silicon films deposited by ion-assisted beam deposition techniques 92861
Khan, I., Knight, G. SNMP and OSI management information modeling and translation: a case study 87596
Khan, I. *see* Hanafi, H.I. 104536
Khan, I. *see* Ogier, R.G. 87341
Khan, M. *see* Khan, M.R. 110861
Khan, M.A., Chen, O., Sudarshan, T.S., Gradinaru, G. High field flashover strength of intrinsic gallium nitride and aluminum nitride in vacuum 84677
Khan, M.A., Chen, Q., Yang, J.W., Shur, M.S., Dermott, B.T., Higgins, J.A. Microwave operation of GaN/AlGaN-doped channel heterostructure field effect transistors 84466
Khan, M.A., Chen, Q., Yang, J.W., Sun, C.J., Shur, M.S. Electronic devices based on GaN-AlGaN material system 115246
Khan, M.A. *see* Chen, Q. 95041
Khan, M.A. *see* Lim, B.W. 75690
Khan, M.A. *see* Ping, A.T. 74458
Khan, M.A. *see* Ping, A.T. 74569
Khan, M.A. *see* Schmitz, A.C. 105451
Khan, M.A. *see* Shur, M. 74324
Khan, M.A. *see* Smith, M. 62736
Khan, M.A. *see* Sun, C.J. 94321
Khan, M.A. *see* Yang, J.W. 85307
Khan, M.Asif *see* Asif Khan, M.
Khan, M.E., Srinivasan, S. Solution of the nonlinear load flow equations using artificial neural networks 101672
Khan, M.E. *see* Mielczarski, W. 70904
Khan, M.Farrukh *see* Farrukh Khan, M.
Khan, M.H. *see* Abuelma'atti, M.T. 83554
Khan, M.N. Novel digital electro-optic switches for high-speed applications 99043
Khan, M.N. *see* Haroon-Ur-Rashid 98147
Khan, M.R., Manchanda, S.C., Mustajab, P., Khan, M. Design and development of microprocessor based quantitative impedance system for pulmonary oedema 110861
Khan, M.R. *see* Taleb, M. 112108
Khan, M.S. *see* Fujimura, M. 116433
Khan, M.S. *see* Koehler, A. 64944
Khan, N.A. *see* Chakrabarti, P. 115230
Khan, N.A. *see* Rizkalla, M.E. 98977
Khan, O.D., Elsherbeni, A.Z., Smith, C.E., Kajfez, D. Characteristics of cylindrical multiconductor transmission lines above a perfectly conducting ground plane—summary 104780
Khan, R.H. Target detection and tracking with HF radar using ISAR techniques 109771
Khan, R.U. *see* Prasad Rao, K.S.V.S.N. 93779
Khan, R.U. *see* Shubha 106094
Khan, R.U. *see* Singh, J.S. 106095
Khan, S. Simulation of transverse coupled bunch instabilities 89864
Khan, S. *see* Jaeschke, E. 100450
Khan, S. *see* Schirmer, D. 100709
Khan, S.A. *see* Berchtold, K.A. 75510
Khan, S.H., Finkelstein, L., Abdullah, F. Investigation of the effects of design parameters on output characteristics of capacitive angular displacement sensors by finite element field modelling 99972
Khan, W.I., Rakhshani, A.E., Al-Qenaie, A.Y.M. Planar anisotropy in amorphous semiconductors 83867
Khan, Z.A.D. *see* Dhar, V. 75733
Khan, Z.H., Ilyas, N., Husain, M., Zaidi, Z.H. Electrical transport properties of a-$Se_{80-x}Ga_{20}Sb_x$ thin films 105202
Khan-Malek, C. *see* Jackson, K.H. 76357
Khanchevskaya, E.G. *see* Iovu, M.S. 105278
Khandani, A.K. Optimizing the encoder/decoder structures in a discrete communication system 66327
Khandani, A.K. A hierarchical dynamic programming approach to fixed-rate, entropy-coded quantization 76805
Khandkar, A. *see* Elangovan, S. 81762
Khandkar, A.C. *see* Milliken, C. 81853
Khandker, A.M., Teory, T.J. Case study: how analytic modeling can reveal performance problems in distributed systems 118342
Khanduri, A., Praseeth, K.S. Avoidance of double encoding and decoding in digital cellular network 99281
Khang, Y., Mang, K.M., Booh, K.H., Kuk, Y. Schottky barrier height measurement on $NiSi_2$/Si(100) by capacitance microscope 63120
Khang, Y. *see* Mang, K.M. 63173
Khanh, N.Q., Hamori, A., Barsony, I., Ducso, C., Fried, M. Scanning infrared microscopy study of annealing behaviour of interfacial micro-voids in direct bonded silicon 84068
Khanh, N.Q., Pinter, I., Duecso, C., Adam, M., Szilagyi, E., Barsony, I., El-Sherbiny, M.A., Gyulai, J. Ion beam analysis of plasma immersion implanted silicon for solar cell fabrication 94707
Khanh, N.Q. *see* Biro, L.P. 94698
Khanh, N.Q. *see* Boher, P. 94697
Khanh, N.Q. *see* Molnar, G. 113334
Khanh Bui Dean *see* Bui Dean Khanh
Khanifar, A., Khosrowbeygi, A., Green, R.J. The analysis of photoparametric amplifiers using harmonic balance technique 68496
Khanifar, A., Milovanovic, M., Green, R.J. Degenerate mode of operation photoparametric amplifying devices 109691
Khanin, S.D. Methods of metal oxide dielectric films testing 64027
Khanin, S.D. Electrical conduction and breakdown in amorphous tantalum and niobium oxide films 64039
Khanin, Y.N. *see* Dubrovskii, Y.V. 83954
Khanin, Yu.N. *see* Dubrovskii, Yu.V. 62827
Khanin, Yu.N. *see* Dubrovskii, Yu.V. 105365
Khankhasayev, M. *see* Niculescu, H. 79656
Khankina, S.I. *see* Falko, V.L. 63125
Khanna, D.N. *see* Rahman, M.D. 105804
Khanna, F.C. *see* Plastino, A. 117119
Khanna, M.K. *see* Thomas, C. 106012
Khanna, S. Performance centric board engineering 94032
Khanna, V.D. *see* Von Gutfeld, R.J. 61315
Khanna, V.K. ISO transport protocol implementation in the UNIX 'STREAMS' environment 87474
Khanna Sanjeev *see* Sanjeev Khanna
Khanniche, M.S. *see* Abed, S.K. 102835
Khanniche, M.S. *see* Bah, M. 103095
Khanniche, M.S. *see* Batshone, F.L. 102830
Khanniche, M.S. *see* Li, Z.M. 84382
Khansari, M.R.K., Dubois, E. Pade table, continued fraction expansion, and perfect reconstruction filter banks 97777
Khapaev, M.M., Jr. Extraction of inductances of a multi-superconductor transmission line 104778
Khapaev, T.M. *see* Sterlyadkin, V.V. 90782
Khapalov, A.Y. *see* Kosterev, D.N. 91093
Khapalov, V.V., Kosobudskii, I.D., Spiridonov, R.V. Demagnetization coefficients of magnets made from materials with rare-earth metals 75277
Khaparde, S.A., Warke, N., Agarwal, S.H. An adaptive approach in distance protection using an artificial neural network 111666
Khapikov, A.F. *see* Nikitenko, V.I. 79655
Khapikov, A.F. *see* Nikitenko, V.I. 115633
Khaplanov, M.G. *see* Shishatskaya, L.P. 111193
Kharaim, A.A. *see* Sterman, L.S. 71109
Kharas, D. *see* Mil'shtein, S. 60559
Kharat, D.K. *see* Santhosh, P.N. 114339
Kharchenko, V.A. On scattering of the synchronous machine parameters measured in the three-phase instantaneous short-circuit test 121450
Kharchenko, V.A. *see* Ol'khovskii, G.G. 102466
Kharchenko, V.P., Panshin, G.A., Ivashin, A.V., Ilyin, V.I. Combined preexposure preparation of patients with esophageal cancer and realization of irradiation programs using gamma-therapeutic devices 120504
Khardi, S., Vallet, M. Drivers vigilance. Analysis of differences in vigilance states assessment by physiological and mechanical indicators 101378
Khare, J., Maly, W., Tiday, N. Fault characterization of standard cell libraries using inductive contamination analysis (ICA) 104495
Khare, J. *see* Heineken, H.T. 106173
Khare, M. *see* Ekbote, S. 106011
Khare, M. *see* Srivastava, P. 60860
Khare, R.P., Prabhu, V., Jaishankar, T.V. Differential fiber optic sensing and switching 119710
Khare Neeraj *see* Neeraj Khare
Khare Sangeeta *see* Sangeeta Khare
Khargonekar, P.P., Rotea, M.A., Baeyens, E. Mixed $\mathcal{H}_2/\mathcal{H}_\infty$ filtering 76903
Khargonekar, P.P. *see* Elta, M.E. 63389
Kharin, S.N. Post bridge phenomena in electrical contacts at the initial stage 104914
Kharina, T.G. *see* Tretyakov, S.A. 85951
Kharisov, V.N. *see* Perov, A.I. 109835
Kharitonov, S.I. *see* Doskolovich, L.L. 85768
Kharitonov, V.V., Ikryannikov, N.P., Yakutin, N.V. Thermal deformations of cooled disk mirrors in process lasers: measurement and calculation 107428
Kharitonsky, D. *see* Benayoun, S. 70024
Kharkovsky, S., Kirichenko, A., Kogut, A. Solid-state oscillators with whispering-gallery-mode dielectric resonators 83364
Kharkovsky, S.N. *see* Eremenko, Z.E. 73644
Kharton, V.V., Naumovich, E.N., Vecher, A.A., Nikolaev, A.V. SOFC cathode material based on rare earth cobaltites 81801
Kharton, V.V. *see* Naumovich, E.N. 81802
Khartsiev, V.E. *see* Zelenin, I.A. 64795
Khasawinah, S. *see* Arkhipov, I.I. 62684
Khasawinah, S. *see* Popovici, G. 84090
Khasawneh, M.A., Haddad, T.F. An algorithm-independent burst-free adaptive hybrid 108247
Khasawneh, M.A. *see* Abu-Ghalune, J.M. 113219
Khasbulatov, A.M. Two-dimensional electron gas on the surface of $Cd_xHg_{1-x}Te$ near a zero-gap-narrow-gap phase transition 74131
Khashab, H.A.El *see* El Khashab, H.A.
Khaskelberg, M.B. Injection and emission currents of formed MIM systems in a wide temperature range 74506
Khas'minskii, R.Z. *see* Bassalygo, L.A. 117123
Khasminskii, R.Z. *see* Skorokhod, A.V. 117457
Khastgir, P. *see* Misra, V. 97253
Khastgir, P. *see* Rao, M.P.S. 75668
Khastgir, P. *see* Sharan, P. 116061
Khastgir, P. *see* Shukla, P.K. 75552
Khastgir, P. *see* Sinha, S. 75432
Khater, M. *see* Gutierrez, C.J. 75180
Khatib, D., Kinase, W., Bougarfa, L., Lifsal, L., Jannot, B. Theory of spontaneous polarization and birefringence in the tetragonal phase of $KNbO_3$ 75032
Khatib, T. *see* Hammad, M. 91864
Khatib-Rahbar, M., Kuritzky, A.S., Vijaykumar, R., Cazzoli, E.G., Schmocker, U., Werner, W. Insights and comparisons of the level-2 results of recent probabilistic safety analyses 81251
Khatibzadeh, A. *see* Hill, D. 84354
Khatir, Z., Larguier, Ph., Sebille, D. Experimental and numerical analysis of GTO's snubberless turn-off operations 63647
Khator, S.K. *see* Leung, L.C. 70800
Khatountsev, A.I., Mostovljansky, N.S., Kroutilin, V.N., Frost, N.I. Measurement of functional parameters for sensors of velocity and direction of moving image 100096
Khatountsev, A.I. *see* Vasilevskaya, L.M. 100092
Khatri, F.I., Evangelides, S.G., Mamyshev, P.V., Nyman, B.M., Haus, H.A. Line-monitoring system for undersea soliton transmission systems with sliding-frequency guiding filters 88505
Khatri, F.I. *see* Hans, H.A. 65527
Khatri, F.J. *see* Cundiff, S.T. 116444
Khatri, R. *see* Karacaoglu, U. 104864
Khatri, S.P. *see* Narayan, A. 92496
Khatri, V. *see* Sood, V.K. 111574
Khatri, V. *see* Sood, V.K. 111577
Khattak, C.P., Schmid, F. Low-cost multicrystalline silicon for high-efficiency solar cells 105527
Khattak, C.P. *see* Rohatgi, A. 102980
Khattatov, B.V., Geller, M.A., Yudin, V.A., Hays, P.B., Skinner, W.R., Burrage, M.D., Franke, S.J., Fritts, D.C., Isler, J.R., Manson, A.H., Meek, C.E., McMurray, R., Singer, W., Hoffmann, P., Vincent, R.A. Dynamics of the mesosphere and lower thermosphere as seen by MF radars and by the high-resolution Doppler imager/UARS 120783
Khattree, R. Robust parameter design: a response surface approach 82307
Khatun, M. *see* Khaled, M.A. 110846
Khavin, Y. *see* Kirichenko, N. 61400
Khavinson, L. *see* Abramova, L. 88898
Khavinson, L.F. *see* Fedorin, V.L. 79218
Khawaja, K.W., Maciejewski, A.A., Tretter, D., Bouman, C.A. Camera and light placement for automated assembly inspection 82287
Khawand, C. *see* Douligeris, C. 67607
Khawand, J. *see* Douligeris, C. 67607
Khayata, E. *see* Tellado, J. 87836
Khaydarov, A. *see* Heston, M.L. 88510

Khaydarov, J.D.V., Andrews, J.H., Kowalczyk, T.C., Singer, K.D. Soliton-like pulse compression in a synchronously pumped optical parametric oscillator 96694
Khayrallah, A.S. Nonlinear filters in joint source channel coding of images 67101
Khayrallah, A.S., Neuhoff, D.L. Coding for channels with cost constraints 66320
Khayrallah, A.S., Neuhoff, D.L. Coding for channels with cost constraints 66383
Khazaka, R., Nakhla, M. Analysis of high-speed interconnects in the presence of electromagnetic interference 97169
Khazaka, R., Poltz, J., Nakhla, M., Zhang, Q.J. A fast method for the simulation of lossy interconnects with frequency dependent parameters 65923
Khazal, R.R. *see* Chawla, M.M. 72638
Khazan, R. *see* Cohn, M. 86223
Khazanov, E.A. *see* Andreev, N.F. 65171
Khazmalyan, A.D., Kondrat'ev, A.S. Fast algorithms for the phase synthesis of the nulls of the radiation pattern of an antenna array 108070
Khebir, A. *see* Kaouk, Z. 120501
Khebir, A. *see* Kouki, A.B. 110348
Khederzadeh, M., Ehsan, M. Power-system small-signal stability and maximum loadability 120961
Kheeroug, S.S. *see* Mikheev, P.V. 120665
Kheifets, S.A. *see* Heifets, S.A. 89960
Kheiker, D.M., Andriyanova, M.E., Sul'yanov, S.N., Zanevskii, Yu.V., Fateev, O.V., Chernenko, S.P. A study of the parameters of an SD-1000 area detector with a spherical input window 69882
Kheiker, D.M. *see* Sul'yanov, S.N. 69883
Khellah, M. *see* Brown, S. 113644
Khemka, V. *see* Forgotson, N. 63337
Khemka, V. *see* Ramungul, N. 105887
Khenchaf, A., Daout, F., Hurtaud, Y., Saillard, J. Bistatic sea clutter: simulations and measurements 120827
Khenchaf, A., Daout, F., Saillard, J. Field scattered by a rough surface: Link between the average field, coherent and incoherent components 65805
Khenchaf, A. *see* Daout, F. 111142
Khennache, O. *see* Berko-Boateng, V. 60748
Kheradpir, S. *see* Gersht, A. 88541
Kheraluwala, H. *see* Steigerwald, R.L. 112115
Kheraluwala, M.H. *see* Elasser, A. 115184
Khiang Wee Lim *see* Rahman, M.F. 65732
Khider, S.E. *see* Ahmed, A.N. 92430
Khien Nguen Gui *see* Nguen Gui Khien
Khilko, A.I. *see* Borodina, E.L. 98278
Khil'ko, A.I. *see* Sidorovskaya, N.A. 67204
Khilkov, A.V. *see* Zhuravlev, Yu.I. 67327
Khilla, A.M., Leucht, D. High linear 17 W smart L/C-band transmitter unit for mobile communication satellite 99434
Khim, J.S. *see* Kim, D.S. 116483
Khincha, H.P. *see* Dash, P.K. 81138
Khine, Y.Y., Walker, J.S. Centrifugal pumping during Czochralski silicon growth with a strong, nonuniform, axisymmetric magnetic field 113276
Khire, M.V. *see* Sukhatme, J.S. 111093
Khitrova, G. *see* Boggavarapu, D. 107410
Khitrova, G. *see* Ten, S. 64794
Khitrova, G. *see* Wick, D.V. 96576
Khivrich, V.I. *see* Litovchenko, P.G. 120559
Khizhny, V.I., Mironov, O.A., Parker, E.H.C., Phillips, P.J., Whall, T.E., Kearney, M.J. Direct evidence for a piezoelectriclike effect in coherently strained SiGe/Si heterostructures 94474
Khizhnyak, A.I. *see* Markov, V.B. 85728
Khizhnyak, A.I. *see* Markov, V.B. 96788
Khizhnyak, A.I. *see* Markov, V.B. 96796
Khizhnyak, N.A., Ryazantseva, N.V., Yachin, V.V. The scattering of electromagnetic waves by a periodic magnetodielectric layer 85836
Khiznyak, A. *see* Peshko, I. 107680
Khiznyak, A.I. *see* Ilyenkov, A.V. 85672
Khleskova, O.V. *see* Semjonov, S.L. 84971
Khludkov, S.S., Stepanov, V.E., Tolbanov, O.P. Radiation hardness of semiconductor detectors for high-energy physics 80086
Khludkov, S.S. *see* Chmill, V.B. 120151
Khlyupin, Yu.A. *see* Shipitsyn, V.V. 71565
Khlyupina, G.N. *see* Shipitsyn, V.V. 71565
Khmelnitskii, G.S. *see* Gordov, E.P. 119322
Khmyrova, I. *see* Ryzhii, V. 64948
Khmyrova, I. *see* Ryzhii, V. 89105
Khmyrova, I. *see* Ryzhii, V. 95986
Kho Eun-Hwa *see* Eun-Hwa Kho
Khoche, A. *see* Pagey, S. 61781
Khodabakhchian, B., Vuong, G.T., Bastien, S. On the comparison between a detailed turbine-generator EMTP simulation and corresponding field test results 111822
Khodadoost, A.A. *see* Hedjazi, M. 110803
Khodasevich, M.A. *see* Karpushko, F.V. 111301
Khodasevich, M.A. *see* Sinitsyn, G.V. 85725
Khodja, L., Foulloy, L., Benoit, E. Fuzzy clustering for color recognition application to image understanding 117700
Khodja, S. *see* Zondy, J.-J. 96684
Khodos, V.V. *see* Motov, M.S. 88929
Khodyrev, B.N. *see* Bogachev, A.F. 121341
Khodzhibagiyan, H.G. *see* Agapov, N.N. 95597
Khodzhibagiyan, H.G. *see* Baldin, A.M. 90061
Khoe Giok-Djan *see* Giok-Djan Khoe
Khoi, N.T. *see* Wojtowicz, T. 72760
Khokhar, A.A. *see* Baqai, S. 109212
Khokhlov, A.V. *see* Brovko, A.V. 119349
Khokhlov, D. *see* Chesnokov, S. 69134
Khokhlov, D.R. *see* Belogorokhov, A.I. 62781
Khokhlov, D.R. *see* Belogorokhov, A.I. 79406
Khokhlov, N.A. *see* Yakovlev, D.A. 89232
Khokhlova, V.A., Sapozhnikov, O.A. Modification of the spectral method for the description of shock wave propagation 103539
Khokhryakov, A.F. *see* Antsygin, V.D. 103824
Kholkin, A. *see* Muralt, P. 84722
Kholkin, A.L., Colla, A.E.L., Tagantsev, A.K., Taylor, D.V., Setter, N. Fatigue of piezoelectric properties in $Pb(Zr,Ti)O_3$ films 64072
Kholkin, A.L., Wutchrich, Ch., Taylor, D.V., Setter, N. Interferometric measurements of electric field-induced displacements in piezoelectric thin films 64089
Kholodenko, A.G. *see* Babintsev, V.V. 120185
Kholodilov, A.N. *see* Kopylov, A.A. 74130
Kholodniak, D. *see* Bourse, D. 93707
Kholodnov, V.A. Avalanche multiplication coefficients of carriers in p-n structures 74267
Kholodnov, V.A. Optimum heterostructure parameters of a threshold avalanche photodiode with separate absorption and multiplication regions 95981
Kholodnov, V.A. Errors of the analysis of the carrier-multiplication factors in a p^+-n avalanche photodiode, neglecting their multiplication in the p^+ region 95983
Kholodnov, V.A. *see* Kurochkin, N.E. 95982
Kholodnyak, L.V. *see* Vendik, I.B. 75376
Khomenko, A. *see* Shlyagin, M. 119699
Khomenko, A.V., Garcia-Weidner, A., Kamshilin, A.A. Amplification of optical signals in $Bi_{12}TiO_{20}$ crystal by photorefractive surface waves 96650
Khomenko, A.V., Garcia-Weidner, A., Kamshilin, A.A. Photorefractive double phase conjugator for multimode fiber-optic interferometer 119691
Khomenko, A.V., Garcia-Weidner, A., Tentori, D. Enhanced beam amplification in a photorefractive $Bi_{12}TiO_{20}$ crystal by internal reflections 76182
Khomenko, A.V. *see* Garcia-Weidner, A. 107589
Khomenko, S.I. *see* Eichler, H.J. 75905
Khomutov, N.V. *see* Karpukhin, V.V. 90183
Khomyakov, E.A. *see* Tur, Yu.D. 89603
Khomyakov, Yu.S. *see* Elliott, S.R. 80104
Khondkar, B.K. *see* Whitworth, I.R. 97976
Khondker, A.N. *see* Haque, A. 114768
Khondu, A.A. *see* Fedorov, S.A. 76558
Khong Fyong Fan *see* Fan Khong Fyong
Khongthong, R. Operational and development strategies employed to improve reliability of EGAT system 70768
Khonina, S.N. *see* Soifer, V.A. 77225
Khono, Y. *see* Suemasu, T. 106100
Khoo, B.C., Chew, Y.T., Li, G.L. Time-resolved near-wall hot-wire measurements: use of laminar flow wall correction curve and near wall calibration technique 69566
Khoo, C.G.L., Liu, J. Moisture sorption in some popular conductive adhesives 103427
Khoo, F.L. *see* Peters, R.A. 99440
Khoo, I.C. Liquid crystal photorefractivity for recording holographic grating 96809
Khoo, T.S. *see* Tan, S.Y. 86816
Khoo Aik Leong *see* Gupta, S.K. 79031
Khoo Kei-Yong *see* Kei-Yong Khoo
Khorana, B.M. *see* Shmelev, P.V. 77125
Khorasani, K. *see* Narendra, K.G. 111576
Khorasani, K. *see* Pinheiro, H. 121701
Khorev, S.V. *see* Babin, S.A. 116366
Khormaei, R., Thayer, S., Ping, K., King, C., Doiny, G., Ipri, A., Hsueh, F.-L., Stewart, R., Keyser, T., Becker, G., Kagey, D., Spitzer, M. High-resolution active-matrix electroluminescent display 89376
Khormaei, R., Walker, C. Modeling the electron emission in ACTFEL devices 89325
Khormaei, R. *see* Dolny, G. 69396
Khoromskij, B.N., Wittum, G. Robust iterative methods for elliptic problems with highly varying coefficients in thin substructures 72587
Khorram, S. *see* Ediriwickrema, J. 111332
Khorram, S. *see* Rofougaran, A. 118768
Khorramabadi, H., Tarsia, M.J., Woo, N.S. Baseband filters for IS-95 CDMA receiver applications featuring digital automatic frequency tuning 73534
Khorrami, F. Adaptive control of flexible-link manipulators with piezoelectric ceramic sensors and actuators 106404
Khorramshahgol, R. *see* Djavanshir, R. 109082
Khorsandi, A., Sterling, K., Mitty, H., Shapiro, R.S. A 24 year follow up of an isolated lymphangioma of the kidney 80248
Khorsandi, S., Leon-Garcia, A. Statistical multiplexing of VBR MPEG sources under credit-based flow control 86593
Khorsandi, S., Leon-Garcia, A. Robust non-probabilistic bounds for delay and throughput in credit-based flow control 87458
Khorsandi, S., Leon-Garcia, A. A minimal-buffer loss-free flow control protocol for ATM networks 108850
Khorshid, P. *see* Ghoranneviss, M. 113433
Khoruzhnikov, S.E. *see* Garibin, E.A. 82734
Khoshgoftaar, T.M., Allen, E.B., Hudepohl, J.P., Aud, S.J. Software metric-based neural network classification models of a very large telecommunications system 98525
Khoshnevisan, M. *see* Eblen, J.P., Jr. 90703
Khosla, D., Singh, M., Rice, D. Three-dimensional EEG source imaging via maximum entropy method 101388
Khosla, D. *see* Singh, M. 90363
Khosla, D. *see* Singh, M. 101333
Khosla, D. *see* Singh, M. 101334
Khosla, P.K. *see* Nelson, B.J. 119717
Khosravi, M., Schafer, R.W. Template matching based on a grayscale hit-or-miss transform 77272
Khosrowbeygi, A., Griffiths, H.D., Cullen, A.L. Error assessment in near-field free-wave measurements 69467
Khosrowbeygi, A. *see* Khanifar, A. 68496
Khotanzad, A., Davis, M.H., Abaye, A., Maratukulam, D.J. An artificial neural network hourly temperature forecaster with applications in load forecasting 70794
Khotanzad, A., Liou, J.J.-H. Recognition and pose estimation of unoccluded three-dimensional objects from a two-dimensional perspective view by banks of neural networks 86960
Khotanzad, A., Zink, E. Color paper map segmentation using eigenvector line-fitting 77439
Khotanzad, A. *see* Shirali-Shahreza, M.H. 97971
Khotanzad, A. *see* Sreenivasan, K.K. 60688
Khotiaintsev, S. *see* Zemliak, A. 93832
Khotiaintsev, S. *see* Zemliak, A. 93849
Khotiaintsev, S. *see* Zemliak, A. 114298
Khoudeir, M. *see* Benamar, R. 94488
Khoudour, L., Deparis, J.P., Duvieubourg, L. Linear image sequence analysis for passengers counting in public transport 86886
Khoudour, L., Duvieubourg, L., Deparis, J.P. Real-time passengers counting by active linear cameras 66895
Khouja, A. *see* Krishnamoorthy, S. 113860
Khoukaz, A. *see* Brauksiepe, S. 100815
Khoury, D.S. *see* Nitta, J. 70232
Khoury, H.J., Hazin, C.A., Lopes Filho, F.J. Application of the BPW-34 photodiode for depth dose measurements in the presence of inhomogeneities 120565
Khoury, J., Kane, J.S., Woods, C. Demultiplexing and phase locking via self pumped phase conjugate mirror 79276
Khoury, J. *see* Asimellis, G. 98020
Khoury, S.El *see* El Khoury, S.
Khouzam, K., Hoffman, K. Real-time simulation of photovoltaic modules 112408
Khovansky, N. *see* Ajinenko, I. 90197
Khrais, N.N., Elrefaie, A.F., Wagner, R.E., Ahmed, S. Effect of cascaded misaligned optical (de)multiplexers on multiwavelength optical network performance 78856
Khrais, N.N., Elrefaie, A.F., Wagner, R.E., Ahmed, S. Performance of cascaded misaligned optical (de)multiplexers in multiwavelength optical networks 88612
Khrais, N.N., Shehadeh, F., Chiao, J.-C., Vodhanel, R.S., Wagner, R.E. Multiplexer eye-closure penalties for 10 Gb/s signals in WDM networks 88655
Khramenkov, V.N. *see* Eremin, E.V. 68948
Khramtchenkov, D.V., Bassler, H., Arkhipov, V.I. A model of electroluminescence in organic double-layer light-emitting diodes 85310
Khrapko, R.R. *see* Dianov, E.M. 75439
Khrebtov, I.A., Leonov, V.N., Tkachenko, A.D., Klimov, A.Yu., Predtechenskii, M.R. Detector apparatus with high-temperature superconducting bolometers for the IR and submillimeter regions 119669
Khrebtov, I.A. *see* Zerov, V.Y. 100000
Khrenov, B.A. *see* Garipov, G.K. 69723
Khrenov, G.Yu. *see* Tolstikhin, V.I. 116507
Khrilev, L.S. *see* Belyaeva, G.M. 90940
Khrilyev, L.S., Bokserman, Yu.I., Kutovoi, G.P., Rafikov, L.G. The principles and efficiency of Russia's energy ties with the countries of near abroad 80839
Khripunov, G.S. *see* Boiko, B.T. 106937
Khristinitch, R. *see* Timofyeev, V. 107724
Khristov, P.Z. *see* Aleev, A.N. 120186
Khromchenko, V.B. *see* Anevsky, S.I. 88895
Khrushchinskii, A.A. *see* Prokopovich, I.P. 65427
Khrustalev, A.B. *see* Galkin, N.G. 113307
Khrutchinsky, A.A. *see* Borodich, A.I. 90014
Khryashchev, G.S. *see* Gerasimenko, N.N. 83848
Khudanpur, S. *see* Kanlis, A. 117254
Khudobenko, A.I., Panchenko, V.Y., Seminogov, V.N. Maskless fabrication of submicron nonharmonic relief gratings for single-frequency DFB semiconductor lasers by three-beam holographic method 107432
Khudyakov, V.V., Guseinov, N.M. Methods for eliminating torsional vibrations of turbine generator shafts operating with a converter load 101760
Khudyakov, V.V., Guseynov, N.M. Means for eliminating shaft torsional oscillations of turbogenerators with convertor load 70650
Khue-Hiang Chan, Geok-See Nn, Erdogan, S.S. New feature extractor for handwritten character recognition 86682
Khuller, S., Raghavacheri, B., Young, N. On strongly connected digraphs with bounded cycle length 103647
Khulugurov, V., Ivanov, N., Oleynikov, E. Optical pump energy transformation in system with Raman converter and generated wideband medium 96729
Khulugurov, V., Rgechicky, A., Oleynikov, E., Karnauhov, E. Laser on the base LiF:F-$LiNbO_3$

with the temperature tuning of the generation frequency 96222
Khurana, K.K., Kepko, E.L., Kivelson, M.G., Elphic, R.C. Accurate determination of magnetic field gradients from four-point vector measurements. II. Use of natural constraints on vector data obtained from four spinning spacecraft 111228
Khurgin, J.B. *see* Cui, A.G. 94559
Khurgin, J.B. *see* Ding, Y.J. 85676
Khurgin, J.B. *see* Ding, Y.J. 107506
Khurgin, J.B. *see* Ding, Y.J. 107520
Khurgin, J.B. *see* Ding, Y.J. 116631
Khurgin, J.B. *see* Gorbounova, O. 65439
Khurgin, J.B. *see* Lee, S.J. 96322
Khurgin, J.B. *see* Veliadis, J.V.D. 74437
Khuri, M. *see* Adnan Al-Alaoui, M. 120468
Khuri, S. *see* Back, T. 60874
Khuri, S.A. *see* Deeba, E.Y. 72702
Khuri, S.A. *see* Wazwaz, A.M. 72703
Khuri-Yakub, B.T. *see* Degertekin, F.L. 104220
Khuri-Yakub, B.T. *see* Ladabaum, I. 111363
Khuri-Yakub, B.T. *see* Pei, J. 111392
Khuri-Yakub, B.T. *see* Yamada, K. 111377
Khurshudov, A., Kato, K. Microtribology for microsystems 106274
Khurshudov, A., Kato, K., Daisuke, S. Comparison of tribological properties of carbon and carbon nitride protective coatings over magnetic media 115469
Khutoretsky, G.M. *see* Rutberg, F.G. 71279
Khutoretsky, H.M. *see* Fridman, V.M. 91458
Khutorskaya, O.Ye. *see* Andreeva, Ye.A. 90498
Khutoryansky, N., Sosa, H. 3-D stress waves in anisotropic elastic and piezoelectric media due to triangle-shaped impulsive sources 106326
Khuzyashev, R.G., Arslanov, R.A. Solution of a navigation problem by the passive radiometeor method 119339
Khvoshchinskaya, Z.G. *see* Gurevich, Yu.Y. 71160
Khvostenko, P.P. *see* Chudnovsky, A.N. 95598
Khvostikov, V.P. *see* Andreev, V.M. 105385
Khwang Teoh Eam *see* Eam Khwang Teoh
Ki Cho Young *see* Young Ki Cho
Ki Dong Kim *see* Sang Hoon Chai 83249
Ki Gwan Han *see* Hong Jin Kong 65172
Ki Ho Han *see* Hong Jin Kong 65172
Ki Hyun Chung *see* Ju Gyung Kim 77387
Ki Hyung Kim, Soo Young Yoon, Chae Ok Kim, Jae Gak Kim, Yoo Chan Jung, Jin Jang A study of the electrical properties of compensated a-Si:H films prepared by the ion shower doping method 62676
Ki Jeong Chang *see* Chang Ki Jeong
Ki Jun Kim, Soon Yil Kwon, Seung Hoon Hwang, Chae Ha Pak, Keum Chan Whang Comparison of coherent and noncoherent CDMA system in time varying fading channel 118864
Ki Kim Choong *see* Choong Ki Kim
Ki Kim Suk *see* Suk Ki Kim
Ki Kim Sung *see* Sung Ki Kim
Ki Kim Young *see* Young Ki Kim
Ki Lee Hyung *see* Hyung Ki Lee
Ki Lee Seo *see* Seo Ki Lee
Ki Ma *see* Zule Xia 71730
Ki Min Wan *see* Wan Ki Min
Ki Mun Seong *see* Seong Ki Mun
Ki Nam Kim *see* Byung Hyug Roh 113942
Ki Paik Joon *see* Joon Ki Paik
Ki Park Jung *see* Jung Ki Park
Ki Park Sang *see* Sang Ki Park
Ki Ryeung Kim, Tae Il Kim, Go Bong Choi A study on the DFP architecture for terminal mobility: Design of the terminal access state model 88267
Ki Sang Hong *see* Seong Ho Kang 89166
Ki Sang Hong *see* Yongduek Seo 87040
Ki Seung Lee *see* Lee Ki Seung
Ki Sig Kang *see* Seong Soo Choi 81257
Ki Woong Nam *see* Hee Soo Yoon 111875
Ki Yong Lee, McLaughlin, S., Shirai, K. Speech enhancement based on extended Kalman filter and neural predictive hidden Markov model 108216
Ki Yong Lee, Shirai, K. Efficient recursive estimation for speech enhancement in colored noise 86134
Ki Yong Lee *see* Byung-Gook Lee 117290
Ki Young Um *see* Hong Jin Kong 65172
Ki-Bong Kim Field analysis of low acoustic noise switched reluctance motor 102670
Ki-Bum Kim *see* Jin-Won Kim 84383
Ki-Chai Kim *see* Uchida, K. 97026
Ki-Cheol Park, Hyung-Ki Lee, Tae-Young Ma, Kun-Ho Kim The structural properties of AZO films prepared by rf magnetron sputtering 105157
Ki-Chul Han *see* Insung Lee 78436
Ki-Chul Shin *see* Tamura, M. 63376
Ki-Don Hong *see* Jeong-Seon Seo 74837
Ki-Doo Kim *see* Se-Chul Chu 99691
Ki-Doo Kim *see* Sung-Hoon Kim 73432
Ki-Gon Yang *see* Dong-Doo Lee 78437
Ki-Heon Park *see* Deuk-Gi Min 101917
Ki-Ho Jeong *see* Kyung-Sang Lee 119041
Ki-Hong Kim, Sang-Cheon Lee, Hyun Lee, Duck-Bin Im Development of the CDMA system performance analysis tool (CDAT) 118894
Ki-Hyun Hwang *see* Jin-Won Park 84084
Ki-Jong Lee *see* Tae-Sung Jung 73344
Ki-Nam Kim *see* Jei-Hwan Yoo 73371
Ki-Ook Park *see* Peck, P.R. 75243
Ki-Ryeung Kimo, Hee-Jin Lim, Min-Su Cho, Hyeong-Ho Lee, Tae-Il Kim, Go-Bong Choi IN call processing of the service switching point 78143
Ki-Ryong Kwon *see* Jong-Kook Jang 98237
Ki-Seok Moon, Sug-Bong Choe, Sung-Chul Shin Exchange coupling in double layer systems using Co-based multilayer thin films 115610
Ki-Seok Moon, Sung-Chul Shin Dependence of structural and magnetic properties on deposition angle in electron-beam evaporated Co/Pt multilayer thin films 64374
Ki-Sik Lee *see* Hyang-Beom Lee 102720
Ki-Sik Lee *see* Il-Han Park 71913
Ki-Sik Lee *see* Il-Han Park 107765
Ki-Sik Lee *see* Ilhun Son 96912
Ki-Sik Lee *see* Yangsoo Lee 102722
Ki-Soo Kim *see* Sung-Chul Han 109963
Ki-Soo Sohn *see* Suck-Whan Kim 114770
Ki-Sung Park *see* Gwan-Chong Joo 119216
Ki-Woong Whang *see* Buhm Jae Shin 89328
Ki-Woong Whang *see* He-Jun Lee 84132
Ki-Woong Whang *see* Hyeon-Soo Kim 84137
Ki-Woong Whang *see* Hyun-Ho Doh 84139
Ki-Woong Whang *see* Hyun-Ho Doh 114930
Ki-Woong Whang *see* Jin-Won Park 84084
Ki-Woong Whang *see* Seok-Hee Hwang 83794
Ki-Yong Lee, Case, E.D., Asmussen, J., Jr., Siegel, M. Binder burn-out in a controlled single-mode microwave cavity 82002
Ki-Yoong Hong, Seok-Woo Kim, Dong-Kyoo Kim Verification of authentication protocol for CDMA mobile communication network 78409
Ki-Young Lee *see* Kwang-Sup Kim 121853
Kia Yong Lim, Youyi Wang, Sinha, N.K., Zhou, R. Neural net application in load-frequency control 101773
Kiamilev, F. *see* Krishnamoorthy, A.V. 65002
Kiamilev, F.E. *see* Ford, J.E. 95642
Kian See Leng *see* See Leng Kian
Kian-Lee Tan, Yu, J.X. Energy efficient filtering of nonuniform broadcast 87707
Kiang, J.-F. Properties of microstrip lines with composite ground plane 97284
Kiang, J.-F. Resonance of wraparound patch attached to fiber-enhanced composite ground plane 97352
Kiang, J.-F. Axisymmetric modes of cylindrical resonators with cascaded inhomogeneous dielectrics 107990
Kiang, M.-H. *see* Tien, N.C. 85550
Kiang, M.-H. *see* Tien, N.C. 95237
Kiang Jean-Fu *see* Jean-Fu Kiang
Kiang Meng-Hsiung *see* Meng-Hsiung Kiang
Kiang Yew Chee *see* Yew Chee Kiang
Kianush, K. A complete AM/FM stereo receiver and tuning system on a single chip 79139
Kiasaleh, K. An error floor reduction scheme for DPSK receivers impaired by phase noise 88627
Kiat, Y.C. *see* Yann, S.I. 98129
Kiat Yeo Chai *see* Chai Kiat Yeo
Kiat Yeo Chai *see* Yeo Chai Kiat
Kibbel, H. *see* Behammer, D. 105908
Kibbel, H. *see* Engvall, J. 114783
Kibbel, H. *see* Forster, M. 105349
Kibbel, H. *see* Gruhle, A. 62241
Kibbel, H. *see* Gruhle, A. 83513
Kibbel, H. *see* Plana, R. 63604
Kibbel, H. *see* Presting, H. 64975
Kibbel, H. *see* Presting, H. 116267
Kibbel, H. *see* Schumacher, H. 62346
Kibbel, H. *see* Schuppen, A. 63601
Kibbel, H. *see* Tang, Y.S. 62922
Kibbel, H. *see* Tang, Y.S. 63001
Kibble, M.C. The integration of airport electronic systems–how Heathrow is meeting the challenge 90728
Kibbler, A.E. *see* Friedman, D.J. 112348
Kibe, S.V., Shridhara, K.A., Jayalalitha, M.M. Software-based GIC/GNSS compatible GPS receiver architecture using TMS320C30 DSP processor 88780
Kiber, A. *see* Rabbani, K.S. 101394
Kibria, M. *see* Jarett, K. 109558
Kibria, M. *see* Jarett, K. 109559
Kibum Kim, Hyunsoo Shin, Dongil Song A symbol timing recovery using the segment sync data for the digital HDTV GA VSB system 109913
Kicheol Jeon *see* Byeongdo Kang 117977
Kichimi, H., Sugaya, Y., Yamaguchi, H., Yoshimura, Y., Kanda, S., Olsen, S., Ueno, K., Varner, G., Bergfeld, T., Bialek, J., Lorenc, J., Palmer, M., Rudnick, G., Selen, M., Auran, T., Boyer, V., Honscheid, K., Tamura, N., Yoshimura, K., Lu, C., Marlow, D., Mindas, C., Prebys, E., Asai, M., Kimura, A., Hayashi, S. The Cherenkov correlated timing detector: beam test results from quartz and acrylic bars 69718
Kichimi, H. *see* Aronstein, D. 69717
Kichul Han *see* Kwangsik Kim 68223
Kichul Han *see* Mun Geon Kyeong 68182
Kiczuk, B. *see* Roark, C. 111058
Kida, A. *see* Matsui, M. 75165
Kida, K. *see* Asakura, T. 118300
Kida, T., Zhou, Y. The optimum approximate restoration of multi-dimensional signals using the prescribed analysis or synthesis filter bank 86177
Kidambi, K.R., Sankar, R., Kaur, H. A dynamic bandwidth allocation rule for connection oriented DQDB–ATM and integrated services support 77997
Kidambi, K.R., Sankar, R., Ottensmeyer, J. QoS mapping scheme and a model for MAN-ATM internetworking 87713
Kidambi, S.S. Weighted least-squares design of recursive allpass filters 76984
Kidao, G. *see* Tong, Q.-Y. 84037
Kidd, A.K. *see* Divall, E.J. 65036
Kidd, G.E. *see* Wagner-Riddle, C. 70521
Kidd, J.M. *see* Wieting, T.J. 79676
Kidder, L.H., Goldstein, S.R., Levin, I.W., Lewis, E.N. Raman imaging microscopy: a novel chemical imaging technique 110200
Kidiyarova-Shevchenko, A.Yu. *see* Oelze, B. 61989
Kidner, D.B., Dorey, M.J. Visual landscape assessment of wind farms using a geographical information system 102562
Kido, K., Taguchi, J., Sano, K. Improvements of MRI image quality using directional adaptive filter 108433
Kido, M. *see* Seki, Y. 118328
Kido, Y. *see* Nakajima, A. 71822
Kidoguchi, I., Adachi, H., Fukuhisa, T., Mannoh, M., Takamori, A. Stable operation of self-sustained pulsation in 650-nm-band AlGaInP visible lasers with highly doped saturable absorbing layer 75980
Kidoguchi, I. *see* Adachi, H. 65234
Kidoh, Y. *see* Kometani, Y. 116140
Kidokoro, Y. *see* Kaneko, S. 92787
Kidorf, H.D. *see* Feggeler, J.C. 78683
Kidorf, H.D. *see* Feggeler, J.C. 88591
Kie Poon Sin *see* Sin Kie Poon
Kie Yong Nam *see* Do Run Kim 90343
Kie Young Lee, Lund, B., Ytterdal, T., Robertson, P., Martinez, E.J., Robertson, J., Shur, M.S. Enhanced CAD model for gate leakage current in heterostructure field effect transistors 63787
Kieda, D.B. *see* Bird, D.J. 110586
Kieda, D.B. *see* Suson, D.J. 90173
Kief, M.T., Bresowar, J., Leng, Q. Exchange coupling in sputtered giant magnetoresistance NiFe/Cu/CoFe/Cu multilayers 64358
Kiefer, R.D. *see* Miller, M.G. 109754
Kiefer, U., Kuhnen, K., Becker, K.-D. Extraction of model parameters of piezoelectric ultrasound transducers based on the measurement of electrical data 90865
Kieffer, J., Nelson, G. On the compression dimension of data strings and data sets 66634
Kieffer, J.C. *see* Pelletier, J.F. 96104
Kieffer, J.C. *see* Zhu, B. 86504
Kiehl, R.A., Yamaguchi, M., Ohshima, T., Saito, M., Yokoyama, N. Arsenic precipitation in thin surface layers of low-temperature grown GaAs 103912
Kiehl, R.A. *see* Ohshima, T. 95081
Kiel, M.T. *see* Shen, J.X. 64259
Kielbasa, R. *see* Villard, P. 74740
Kielbasa, R. *see* Villard, P. 106015
Kielczynski, P., Pajewski, W., Szalewski, M. Finite element method (FEM) and impulse response method (IRM) analysis of circular and rectangular transducers 111358
Kielczynski, P. *see* Pajewski, W. 106473
Kielmann, T. Designing a coordination model for open systems 98665
Kiely, A.B. Bit-wise arithmetic coding for data compression 66442
Kiely, C.J. *see* Mullan, C.A. 63237
Kiely, P.A. *see* Lebby, M. 99511
Kiely, P.A. *see* Lebby, M. 116286
Kiener, C., Rota, L., Turner, K., Freyland, J.M., Maciel, A.C., Ryan, J.F., Marti, U., Martin, D., Morier-Gemoud, F., Reinhart, F.K. 3D-to-1D carrier scattering in GaAs V-groove quantum wires 62980
Kienle, P. *see* Gernhaeuser, R. 69126
Kienle, P. *see* Zeitelhack, K. 69712
Kiensle, M.G., Dan, A., Sitaram, D., Tetslaff, W.H. Effect of video server topology on contingency capacity requirements 87672
Kientz, H. *see* Gela, G. 102187
Kieny, C., Ould Samori, J., Ben Driss, K. Periodical orbits research initialization method and application to ferroresonant circuits 61584
Kieny, J.-C. *see* Grison, P. 91587
Kienzle, J., Wolf, T., Strohmeier, A. Secure communication in distributed Ada 108185
Kienzle, K. New circuit breakers for use in potentially explosive atmospheres 112146
Kienzle, K. Explosion protected emergency light fittings in the Exlux 6000 lighting system 112601
Kienzle, M.G. *see* Chlamtac, I. 87828
Kierkegaard, P. Reflection properties of machined metal surfaces 67391
Kiernan, A. Technocratic policy partnerships? The public administration of water quality in England and Wales 92108
Kiernan, L. *see* Patel, R. 102290
Kiernan, P. On comparison of Levinson, hybrid, and maximum entropy spectral estimation methods with the 2-D minimum free energy method 108248
Kiernan, P. Two-dimensional spectral estimation by free energy minimization 108328
Kiernicki, J. *see* Farzaneh, M. 121209
Kierstead, J. *see* Citterio, M. 90200

Kierstead, J.A. *see* Woody, C.L. 80055

Kierstead, J.A. *see* Woody, C.L. 100895

Kierstead, J.A. *see* Zhu, R.Y. 100811

Kierstead, L. *see* Woody, C.L. 100893

Kies, R., Egilsson, T., Ghibaudo, G., Pananakakis, G. A method for the assessment of oxide charge density and centroid in metal-oxide-semiconductor structures after uniform gate stress 74486

Kies, R., Egilsson, T., Ghibaudo, G., Pananakakis, G. Assessment of oxide charge density and centroid from Fowler-Nordheim derivative characteristics in MOS structures after uniform gate stress 115298

Kies, R., Papadas, C., Pananakakis, G., Ghibaudo, G. Temperature dependence of Fowler-Nordheim emission tunneling current in MOS structures 63132

Kiesel, P. *see* Hilburger, U. 95817

Kiesel, P. *see* Knupfer, B. 99510

Kiesel, P. *see* Maizer, S. 82678

Kiesel, P. *see* Schultz, J. 63074

Kiesel, P. *see* Windisch, R. 106866

Kieslinger, D. *see* Lippitsch, M.E. 101083

Kiessler, P.C., Wypasek, C.J., Fennell, R.E., Westall, J.M. Markov renewal models for traffic exhibiting self-similar behaviour 98441

Kiessling, A., Baade, T., Wenke, L. Fidelity of phase-conjugated beams in a four-wave mixing set-up using $Bi_{12}TiO_{20}$-crystals 85711

Kiessling, J., Schubert, M., Archut, A. Adaptive fitting of hearing instruments by category loudness scaling (ScalAdapt) 110924

Kietzmann, H. *see* Seifert, F.M. 120914

Kiflawi, I. *see* Sittas, G. 82582

Kiga, T. *see* Nakamura, M. 102349

Kiguchi, M., Kato, M., Taniguchi, Y. Observation of third-harmonic generation in polydiacetylene films using internal reflection geometry 76168

Kiguchi, M., Kato, M., Taniguchi, Y. Dispersion of second-order nonlinear optical coefficient of styrylpyridinium cyanine dye 85598

Kihara, H., Hiyama, T., Miyauchi, H., Ortmeyer, T.H. Coordinated fuzzy logic control between SVC and PSS to enhance stability of power systems 70670

Kihara, H. *see* Hiyama, T. 121094

Kihara, K. *see* Fujita, S. 100239

Kihara, K. *see* Kasuga, S. 80014

Kihara, K. *see* Morimoto, Y. 79155

Kihara, M., Matsumoto, M., Haibara, T., Tomita, S. Characteristics of thermally expanded core fiber 116036

Kihara, M., Nagasawa, S., Tanifuji, T. Return loss characteristics of optical fiber connectors 106792

Kihara, M. *see* Ohmori, C. 90025

Kihara, N., Saito, S., Naito, T., Ushirogouchi, T., Asakawa, K., Nakase, M. Effect of substituent groups of phenol derivative dissolution inhibitors on inhibition efficiency 105774

Kihara, T. *see* Dewa, H. 120075

Kihara, U. *see* Kaneko, S. 92952

Kihm, K.D., Lyons, D.P. Optical tomography using a genetic algorithm 108699

Kihm, R.T. *see* Gedney, S. 93753

Kihun Joh *see* Bumsoo Han 79911

Kihun Joh *see* Keeman Kim 79771

Kihwan Ju, Kuwaki, T., Ono, A., Tujita, T., Kumada, M. Analysis of sympathetic nerve activity by power spectrum of arterial pressure fluctuations: effects of salt-induced hypertension and calcium supplementation in rats 69934

Kii, H. *see* Suzuki, Y. 113376

Kiiveri, P., Hokkanen, A., Kylmanen, R., Keinanen, K., Tammela, S. New capillary optical fiber structure for fluorescence sensors 100376

Kijae Huh *see* Sangdon Lee 105571

Kijewski, M.F. *see* Moore, S.C. 80234

Kijima, S. *see* Chuang, S.L. 106999

Kijima, Y. *see* Tajima, T. 100491

Kijin Baek, Changhwan Oh, Youngsun Kim, Chimoon Han A study of usage parameter control method in ATM networks 78116

KiJong Lee, Kiyoung Choi Self-timed divider based on RSD number system 61865

Kijonka, J., Hudeczek, M., Kaluza, E. Study of the influence of the distorted voltage on the AC traction motor vibrations 112431

Kijoon Kim, Sone, J.H., Kim, S.-O., Park, J.S., Hyeong Joon Kim Deposition mechanism and electrical properties of low pressure chemically vapor deposited W as a gate electrode 82726

Kikinis, R. *see* Ettinger, G.J. 110704

Kikinis, R. *see* Grimson, W.E.L. 80185

Kikinis, R. *see* Naf, M. 110715

Kikinis, R. *see* Wells, W.M., III 101186

Kikkawa, J.M. *see* Levy, J. 74329

Kikkawa, T., Kouchi, H., Morioka, Y., Kawada, N. A 2/3-inch two-million pixel CCD camera for HDTV 119438

Kikkawa, T. *see* Ito, N. 84237

Kikkawa, T. *see* Kakuhara, Y. 63481

Kikkawa, T. *see* Kikuta, K. 63417

Kikkawa, T. *see* Sekine, M. 63439

Kikkeri, B. *see* Friedrich, C. 72274

Kikkert, C.J. *see* Twelves, S. 104405

Kikuchi, A., Kawakita, S., Nakai, J., Shimatsu, T., Takahashi, M. Dependence of media noise on grain size and intergranular coupling in thin-film media 64450

Kikuchi, A., Okamoto, I., Nakai, J., Kawakita, S., Shimatsu, T., Takahashi, M. Intergranular coupling and recording properties of CoCrTa and CoNiCr thin-film media fabricated using an ultraclean sputtering process 106529

Kikuchi, A. *see* Kawakita, S. 106581

Kikuchi, A. *see* Mori, M. 104059

Kikuchi, A. *see* Nakai, J. 106528

Kikuchi, A. *see* Nomura, I. 74151

Kikuchi, A. *see* Nomura, I. 116520

Kikuchi, A. *see* Sato, H. 115478

Kikuchi, A. *see* Yoshida, J. 65235

Kikuchi, F. *see* Kanayama, H. 107768

Kikuchi, H., Kosugi, K., Tanaka, Y., Tanaka, S., Suetsugu, M., Ishii, H., Hara, T. DC and AC characteristics of 3 kA class flexible oxide superconductor at 77 K 91188

Kikuchi, H., Logan, J.A., Yoon, D.Y. Study of local stress, morphology, and liquid-crystal alignment on buffed polyimide surfaces 69400

Kikuchi, H., White, R.L. Investigation of magnetoresistance of Co/Cu multilayers at high temperatures 115644

Kikuchi, H. *see* Abe, Y. 77078

Kikuchi, H. *see* Fujikake, H. 75618

Kikuchi, H. *see* Nakashizuka, M. 110827

Kikuchi, H. *see* Ogura, A. 105544

Kikuchi, H. *see* Okonogi, K. 63161

Kikuchi, H. *see* Okonogi, K. 94624

Kikuchi, H. *see* Sasaki, S. 118800

Kikuchi, J. *see* Chinzei, Y. 74557

Kikuchi, J. *see* Okada, H. 90146

Kikuchi, K. Optical fiber communication system using optical phase conjugation 88465

Kikuchi, K. Elimination of four-wave mixing in dispersion-shifted optical fibers by using midway optical phase conjugation in a semiconductor optical amplifier 119252

Kikuchi, K. *see* Kuwahara, K. 83777

Kikuchi, K. *see* Nikawa, Y. 120545

Kikuchi, K. *see* Takushima, Y. 65100

Kikuchi, K. *see* Tsuboi, T. 67539

Kikuchi, K. *see* Wakatsuki, N. 106393

Kikuchi, M., Arai, T., Sakurada, M., Miyamoto, A., Mizuno, K., Nakamura, H., Utsumi, A., Watanabe, T., Takeuchi, K. Laser hot balloon catheter: a novel approach to overcome PTCA defects 80434

Kikuchi, M., Egawa, K., Fukuma, H., Tejima, M. Beam-based alignment of sextupoles with the modulation method 79980

Kikuchi, M., Haseyama, M., Kitajima, H. An image restoration method with multiframe projection filter 108691

Kikuchi, M., Nagashima, K., Aoyagi, T., Kurita, G., Ushigusa, K., Neyatani, Y., Kubo, T., Tobita, K., Masaki, K., Kaminaga, A., Hosogane, N., Nagashima, A., Miya, N., Toyoshima, N., Oguri, S., Kitai, T., Mori, K., Nakagawa, S., Kuriyama, M., Yamamoto, T., Takahashi, Y., Hayashi, T., Nagami, M., Yoshida, T., Otsuka, M., Nakashima, K., Nakagawa, S., Suzuki, T. Conceptual design of JT-60SU 106704

Kikuchi, M. *see* Ninomiya 64569

Kikuchi, M. *see* Takahashi, K. 70242

Kikuchi, M. *see* Takamura, T. 81676

Kikuchi, M. *see* Takamura, T. 112306

Kikuchi, N., Sekine, K., Sasaki, S. Impact of cross-phase modulation on WDM transmission over dispersion-shifted fiber 68527

Kikuchi, S., Sonobe, K., Shinohara, D., Ohyama, N., Mashiko, S., Hiraoka, Y. A double-axis microscope and its three-dimensional image position adjustment based on an optical marker method 98080

Kikuchi, S. *see* Iwata, H. 78294

Kikuchi, S. *see* Tsuji, S. 95687

Kikuchi, S. *see* Yamaguchi, M. 73177

Kikuchi, S. *see* Yamamoto, H. 114481

Kikuchi, T., Nojiri, K., Shinkai, M. System testing and simulation for adjustable-speed pumped storage motor-generators 81351

Kikuchi, T., Yoshimi, M., Hikosaka, T., Matsumoto, T. Analysis of 1LG fault surge on simulated overhead distribution line 70943

Kikuchi, T. *see* Sasaki, N. 101950

Kikuchi, T. *see* Takada, A. 95483

Kikuchi, Y., Nakamura, F., Yamamoto, Y., Wakiwaka, H., Yamada, H. Simulation of magnetization and detection on magnetic rotary encoder using finite element method 106640

Kikuchi, Y., Yahata, R., Aruga, F., Fujita, Y., Morisako, A., Matsumoto, M. Simulation of contour effect on magnetic head 115823

Kikuchi, Y. *see* Hashikawa, N. 74106

Kikuchi, Y. *see* Shiga, T. 110816

Kikuchi, Y. *see* Yokosuka, H. 119224

Kikugawa, M. *see* Koseki, Y. 67742

Kikugawa, T. Long-wavelength semiconductor optical devices 68367

Kikuiri, N., Hirokawa, T., Uchida, N. Control method for helium gas pressure and concentration in X-ray steppers 94870

Kikukawa, A., Hosaka, S., Imura, R. Vacuum compatible high-sensitive Kelvin probe force microscopy 62655

Kikukawa, A. *see* Hosaka, S. 75405

Kikuma, I., Shiohara, T. Seeded melt growth of ZnSe crystals under Zn partial pressure 92673

Kikuma, I. *see* Morisawa, Y. 63269

Kikuma, I. *see* Satoh, M. 64892

Kikuma, N., Takai, K., Nishimori, K., Saito, F., Inagaki, N. Consideration on performance of the CMA adaptive array antenna for 16 QAM signals 99168

Kikuno, E. *see* Takizawa, T. 63318

Kikuno, T. *see* Kakuda, Y. 67891

Kikuno, T. *see* Nakamura, M. 87462

Kikuoka, Y. *see* Kusunoki, A. 71676

Kikushima, K., Suto, K., Nakamoto, H., Yoshinaga, H., Kishimoto, C., Kawabe, M., Kumozaki, K., Shibata, N. Super-wide-band optical FM modulation scheme and its application to multichannel AM video transmission systems 68489

Kikushima, K., Yoshinaga, H., Nakamoto, H., Kishimoto, C., Kawabe, M., Suto, K., Kumozaki, K., Shibata, N. A super wideband optical FM modulation scheme for video transmission systems 98909

Kikushima, K. *see* Shimizu, A. 84072

Kikuta, K., Hayashi, Y., Nakajima, T., Harashima, K., Kikkawa, T. Aluminum-germanium-copper multilevel damascene process using low-temperature reflow sputtering and chemical mechanical polishing 63417

Kikuta, K. *see* Ito, N. 84237

Kikuta, K. *see* Tsukamoto, S. 73472

Kikuta, T. *see* Tanizawa, M. 99446

Kikuta, Y., Tashiro, A. Fujitsu Internet services 87678

Kikutani, E. Possible head-tail oscillation of bunches due to a transverse feedback kicker 100773

Kikutani, E., Kasuga, T., Minagawa, Y., Obina, T., Tobiyama, M. Recent progress in the development of the bunch feedback systems for KEKB 100622

Kikutani, T. *see* Aoki, N. 83966

Kikuti, H. *see* Kitanoya, J. 112896

Kikuzawa, N. *see* Minehara, E.J. 76069

Kikuzawa, N. *see* Sugimoto, M. 96476

Kil, D.H. *see* Shin, F.B. 66680

Kil Han Seok *see* Seok Kil Han

Kil Jae Lee, Zeungnam Bien A corner-based machine vision system using fuzzy logic 97952

Kil Kim Young *see* Kim Young Kil

Kil Kim Young *see* Young Kil Kim

Kil Nam Oh, Yong Ohk Chin New blind equalization techniques based on constant modulus algorithm 77560

Kil Nam Oh, Yong Ohk Chin Blind decision feedback equalizer using dual-variance Gaussian clustering algorithm for wireless communications 109362

Kil-Ho Lee *see* Jae-Geun Oh 105243

Kil-Moo Lee, Rae-Hong Park, Jong Soo Choi Edge-based segmentation of range images: integrating roof and step edges 87205

Kil-Yeong Song, Kwang-Hae Oh, Young-Ha Kim An efficient dynamic load dispatch algorithm with Lagrange multipliers adjustment 101775

Kil-Young Song, Sae-Young Kim, Yong-Ha Kim Robust algorithm for estimating voltage stability by the modified method of sensitivity index dP/de of real value on voltage vector 80750

Kilani, M.T., Chicharo, J.F. A new adaptive IIR frequency sampling filter bank 108293

Kilani, M.T. *see* Chicharo, J.F. 117373

Kilcoyne, S.P. *see* Carson, R.F. 68411

Kilcoyne, S.P. *see* Carson, R.F. 116288

Kilcoyne, S.P. *see* Lear, K.L. 65300

Kilcoyne, S.P. *see* Lear, K.L. 65331

Kilcoyne, S.P. *see* Lear, K.L. 96311

Kilcoyne, S.P. *see* Mar, A. 119255

Kilcoyne, S.P. *see* Mileham, J.R. 84119

Kilcoyne, S.P. *see* Pearton, S.J. 92725

Kilcoyne, S.P. *see* Pearton, S.J. 94876

Kilcoyne, S.P. *see* Vartuli, C.B. 84133

Kildal, P.-S. Development of a dual-reflector feed for the Arecibo radio telescope, an overview 66175

Kildal, P.-S., Davis, M.M. Characterisation of near-field focusing with application to low altitude beam focusing of the Arecibo tri-reflector system 108044

Kildal, P.-S., Rengarajan, S., Moldsvor, A. Analysis of nearly cylindrical antennas and scattering problems using a spectrum of two-dimensional solutions 97291

Kildal, P.-S. *see* Maci, S. 108048

Kildal, P.S. *see* Ying, Z. 76610

Kildemo, M., Bulkin, P., Deniau, S., Drevillon, B. Real time control of plasma deposited multilayers by multiwavelength ellipsometry 72889

Kildemo, M., Drevillon, B., Benferhat, R. Real time control of plasma deposited multilayers by ellipsometry 104089

Kilgus, D.B. *see* Svetkoff, D.J. 72331

Kilgus, D.B.T., Svetkoff, D.J. Imaging geometry and error sensitivity in triangulation-based optical receivers 79550

Kilian, J., Rogaway, P. How to protect DES against exhaustive key search 97506

Kilian, J. *see* Cox, I.J. 109258

Kilian, K. *see* Brauksiepe, S. 100815

Kilian, K. *see* Calen, H. 120194

Kilian, K. *see* Igel, S. 120205

Kilic, A. *see* Senoussi, S. 106651

Kilic, C. *see* Arikan, Y. 121079

Kilic, O., Lang, R.H. Pulsed beam scattering from a layer of discrete random medium: with applications to spaceborne weather radars 111214

Kilinski, G.M. Implementing VOC-free wave soldering 82190
Kiliulis, R., Kazukauskas, V., Bourgoin, J.C. Distinction between electron and hole traps in semi-insulating GaAs 62749
Kiliulis, R., Kazukauskas, V., Storasta, J., Vaitkus, J.-V. Charge redistribution and potential barrier reconstruction in SI GaAs caused by EL2 state change 114646
Killat, D., Schmitz, R. A reflected-light receiver with 2 nA sensitivity using CDS and separate low-pass filtering of the input signal at each clock-phase 85320
Killat, U. *see* Bazanowski, Z. 67861
Killat, U. *see* Baznowski, Z. 67603
Killat, U. *see* Patzold, M. 68111
Killat, U. *see* Patzold, M. 68170
Killat, U. *see* Patzold, M. 116902
Killat, U. *see* Yingchun Li 109535
Killeen, K.P. *see* Breiland, W.G. 61421
Killian, J.G., Coffey, B.M., Poehler, T.O., Searson, P.C. Fabrication of a polymer battery based on polypyrrole electrodes and a polymer gel electrolyte 112290
Killian, K.M. *see* Boucher, R.H. 79442
Killian, L. *see* Ferekides, C.S. 112338
Kilnam Chon *see* Cavalli, A.R. 77723
Kilnam Chon *see* Sunwan Choi 76774
Kilnam Chon *see* Sunwan Choi 77759
Kilner, J.A. *see* Coccia, L.G. 92868
Kilpatrick, I. The move towards electronic commerce 118426
Kilpela, A.J. *see* Vainshtein, S.N. 61697
Kim, A. *see* Kingsley, L.E. 101634
Kim, A.S., Camp, F.E. High performance NdFeB magnets 64263
Kim, A.S., Camp, F.E., Lizzi, T. Hydrogen induced corrosion mechanism in NdFeB magnets 64254
Kim, A.V. *see* Sergeev, A.M. 107443
Kim, B. *see* Chatterjee, A. 95156
Kim, B. *see* Kwon, B. 98440
Kim, B. *see* Roh, T.M. 114303
Kim, B. *see* Youn, K.-J. 93836
Kim, B.-C., Huh, H., Kim, J.J. Substrate effects of silicon nitride on i-line and deep-UV lithography 105765
Kim, B.-G., Jeung, K.S., Lee, B.Y. Theoretical analysis of the transmission gain spectrum of a phase-shift-controlled DFB tunable filter 116198
Kim, B.-R. *see* Cheung, T.-S. 75011
Kim, B.-R. *see* Cheung, T.-S. 115366
Kim, B.-S. *see* Saito, T. 87690
Kim, B.-S. *see* Saito, T. 118646
Kim, B.-Y. *see* Wang, C.-L. 94777
Kim, B.C., Chatterjee, A., Swaminathan, M. Low-cost diagnosis of defects in MCM substrate interconnections 104972
Kim, B.C., Swaminathan, M., Chatterjee, A. High resolution and low-cost test technique for unpopulated MCM substrate 114484
Kim, B.C., Un, C.K. An efficient wireless voice/data integrated access algorithm in noisy channel environments 118946
Kim, B.C. *see* Chatterjee, A. 62492
Kim, B.G. The effects of Ag addition on the magnetic properties of an $Fe_{87.3}Zr_{5.9}B_{6.5}Ag_{0.3}$(at %) amorphous alloy 84797
Kim, B.H., Park, Y.-M., Choi, W.S., Lee, J.-W. LQG/LTR robust controller of cogeneration plant for disturbance rejection in electric frequency and steam pressure 71112
Kim, B.H. *see* Nam, S.H. 61338
Kim, B.K. *see* Kim, S.R. 98004
Kim, B.M., Soss, S.R., Overney, R.M., Schowalter, L.J. The effect of substrate misorientation on the evolution of surface morphology in epitaxially grown CaF_2/Si(111) heterostructures 113348
Kim, B.S. *see* Woo, S.Y. 110096
Kim, B.T. *see* Im, D.H. 102707
Kim, C., Jackson, A., Warwick, A. Beam lifetime and beam brightness in ALS 79868
Kim, C. *see* Cherfur, R. 103458
Kim, C. *see* Ha, E. 118908
Kim, C. *see* Kang, S.H. 74616
Kim, C. *see* Morita, Y. 119779
Kim, C. *see* Robin, D. 79871
Kim, C.-H., Jhee, Y.-K., Chung, Y.-C. A media access protocol using the grouping method of nodes for high-speed WDM multiaccess networks 68509
Kim, C.-H. *see* Choi, S.-J. 105785
Kim, C.-J. *see* Simon, J. 74969
Kim, C.-U. *see* Morris, J.W., Jr. 84238
Kim, C.-W., Kim, H.J., Lee, C.W. Image reconstruction through projection of wavelet coefficients 86481
Kim, C.E. A digital compactness measure 87084
Kim, C.G. Generation of a uniform magnetic field insensitive to the solenoid diameter using the multi-current method 85809
Kim, C.G. *see* Kim, H.A. 89468
Kim, C.G. *see* Park, P.G. 85810
Kim, C.H. *see* Massoletti, D. 79870
Kim, C.H. *see* Shim, S.Y. 100033
Kim, C.H. *see* Suh, K.S. 74610
Kim, C.J. *see* Ahn, T.W. 114141
Kim, C.J. *see* Kim, J.H. 95171
Kim, C.K. The effect of oxidation on magnetic properties of amorphous $Co_{75.26-x}Fe_{4.74}(BSi)_{20+x}$ alloys 113529
Kim, C.K. Internally oxidized cobalt-rich amorphous alloys for potential magnetic recording media application 115836
Kim, C.K. *see* Lee, S.P. 115481
Kim, C.L. *see* Baumbaugh, B. 80030
Kim, C.L. *see* Chung, M. 80031
Kim, C.M. *see* Im, Y.J. 116111
Kim, C.O. *see* Kim, T.W. 105373
Kim, C.O. *see* Yoon, Y.S. 61399
Kim, C.S. *see* Cho, Y.S. 64207
Kim, C.S. *see* Chul Sung Kim 64316
Kim, C.W., Stringfellow, G.B., Sadwick, L.P. CBE growth of InP using BPE and TBP: a comparative study 103872
Kim, C.Y. *see* Haun, M.J. 115452
Kim, D., Karasawa, T., Akai, I., Komatsu, T., Kobayashi, T. Dynamical properties of confined excitons in BiI_3 microcrystallites and ultra-thin films embedded in CdI_2 matrices 74412
Kim, D., Mullin, C.S., Shen, Y.R. Resonant second harmonic generation in potassium vapor 96719
Kim, D., Nevatia, R. A method for recognition and localization of generic objects for indoor navigation 77321
Kim, D. *see* Matsuda, H. 106532
Kim, D. *see* Tao Liu 74631
Kim, D.-K. *see* Lee, B.-T. 105615
Kim, D.-K. *see* Lee, B.-T. 105651
Kim, D.E. *see* Lee, K.W. 107811
Kim, D.G. *see* Kwon, K.H. 63931
Kim, D.H. *see* Lee, Y.H. 75736
Kim, D.H. *see* Park, J.H. 89084
Kim, D.H. *see* Shim, S.Y. 100033
Kim, D.H. *see* Udaiyan, D. 96204
Kim, D.I. *see* Roh, J.C. 118760
Kim, D.J. *see* Choi, B. 91712
Kim, D.J. *see* Choi, N.C. 91933
Kim, D.J. *see* Park, S.H. 71740
Kim, D.J. *see* Park, S.H. 91544
Kim, D.M., Song, S.H. Improved collector transit time with ballistic pipi-structure in the npn-AlGaAs/GaAs HBT 63636
Kim, D.S., Ko, H.S., Kim, Y.M., Rhee, S.J., Hong, S.C., Yee, Y.H., Kim, W.S., Woo, J.C., Choi, H.J., Ihm, J., Woo, D.H., Kang, K.N. Anomalous real space charge transfer through thick barriers in $GaAs/Al_xGa_{1-x}As$ asymmetric double quantum wells: $Al_xGa_{1-x}As$ as a percolating barrier 114755
Kim, D.S., Ko, H.S., Kim, Y.M., Rhee, S.J., Hong, S.C., Yee, Y.H., Yee, D.S., Khim, J.S., Kim, W.S., Woo, J.C. Anti-Stokes luminescence in a coupled system: a natural consequence of quantum oscillation 116483
Kim, D.S., Park, S.H. Projection onto the narrow quantization constraint set for postprocessing of scalar quantized images 86558
Kim, D.S. *see* Lee, J.H. 61335
Kim, D.S. *see* Sungkyu Yu 85573
Kim, D.U., Tsutsui, T. Electroluminescence from polyurethanes with emissive and charge-transporting chromophores and their blends 116259
Kim, D.W., Han, S.H., Eun, M.S., Choi, J.S., Cho, Y.S. An adaptive decision feedback equalizer using error feedback 108301
Kim, D.W., Lim, J.W., Eom, S.H., Sin, S.H., Choi, J.H., Lee, W.H., Choi, I.H. DC conductivity and C-V characteristics in $Al/Ta_2O_5/Si_3Ni_4$/p-Si 84030
Kim, D.Y., Novak, D., Ahmed, Z., Liu, H.F., Pelusi, M.D., Arahira, S., Ogawa, Y. Millimetre-wave signal generation by hybrid mode-locking of a monolithic DBR laser 75973
Kim, D.Y., Un, C.K. Probabilistic vector mapping with trajectory information for noise-robust speech recognition 97649
Kim, D.Y. *see* Ahmed, Z. 75970
Kim, D.Y. *see* Jung, H.Y. 76872
Kim, D.Y. *see* Novak, D. 96413
Kim, E., Whitesides, G.M., Freiler, M.B., Levy, M., Lin, J.L., Osgood, R.M., Jr. Fabrication of micrometer-scale structures on GaAs and GaAs/AlGaAs quantum well material using microcontact printing 115041
Kim, E. *see* Bensaoula, A. 105632
Kim, E. *see* Taferner, W.T. 82696
Kim, E. *see* Taferner, W.T. 103880
Kim, E.-S. *see* Yi, S.-Y. 117665
Kim, E.J., Takeda, T., Ohki, Y. Origins of thermally stimulated current in polyethersulfone 84702
Kim, E.K. *see* Han, I.K. 114961
Kim, E.K. *see* Hwang, S.W. 106085
Kim, E.S., Kinoshita, T., Sasaki, K., Senoh, T., Yamanaka, T. Optical second harmonic generation by a novel waveguide device with nonlinear organic crystal 76257
Kim, G. Direct broadcast satellite vs. fiber: which way to deliver broadband services? 87973
Kim, G. Talk is cheap: voice over the Internet 118236
Kim, G. *see* Abbott, D. 89139
Kim, G. *see* Lim, J. 119062
Kim, G.B. *see* Byun, S.J. 114715
Kim, G.D. *see* Han, S.T. 114233
Kim, G.D. *see* Han, S.T. 119347
Kim, G.D. *see* Moon, J.W. 81778
Kim, G.H. *see* Kim, J.S. 74221
Kim, G.H. *see* Park, M. 105723
Kim, G.J. *see* Chen, Y.K. 69865
Kim, G.J. *see* Szymanski, J.J. 110589
Kim, G.M. *see* Park, P.G. 85810
Kim, G.N. *see* Ko, I.S. 89591
Kim, G.T., Lin, J.T., Jones, O.C., Glicksman, M.E., Duval, W.M.B., Singh, N.B. Effects of convection during the physical vapor transport process: application of laser Doppler velocimetry 113422
Kim, G.T. *see* Park, J.Y. 107014
Kim, H., Hwang, S.-Y. Heuristic algorithm for low power design of combinational circuits 73198
Kim, H., Jang, J.H., Chung, Y.C. A novel sliding-frequency guiding filter for soliton transmission 95934
Kim, H. *see* Choi, I.-S. 83086
Kim, H. *see* Hayashi, Y. 102012
Kim, H. *see* Ishida, M. 84081
Kim, H. *see* Kim, S. 87948
Kim, H. *see* Kwak, J.S. 114812
Kim, H. *see* LaBel, K. 70337
Kim, H. *see* Lim, J. 119062
Kim, H. *see* Ling, H. 99625
Kim, H. *see* Mun, J.K. 84478
Kim, H. *see* Roh, W. 91724
Kim, H. *see* Yoo, J. 115885
Kim, H.-G. *see* Kim, J.-H. 98958
Kim, H.-J. *see* Kang, S.-S. 99774
Kim, H.-J. *see* Kim, K.-S. 78125
Kim, H.-K. *see* Joly, P. 88853
Kim, H.-M. *see* Kim, J.G. 68060
Kim, H.-M. *see* Park, Y. 117113
Kim, H.A., Kim, J.B., Kim, C.G., Ryu, K.S. Fiber optic Fabry-Perot interferometer for measuring dynamic magnetostriction 89468
Kim, H.B. *see* Pakulski, G. 65192
Kim, H.B. *see* Roh, Y.R. 110257
Kim, H.B. *see* Sargent, E.H. 96376
Kim, H.C. *see* Yun, N.T. 83723
Kim, H.G., Park, Y.G. A study on the heat cycle aging of insulation materials in large generator stator windings 102613
Kim, H.G. *see* Park, Y. 113538
Kim, H.G. *see* Park, Y. 115416
Kim, H.H. Organic light emitting diodes and silicon receivers for monolithic silicon opto-electronic circuits 64979
Kim, H.J. *see* Han, I.K. 114961
Kim, H.J. *see* Han, S.H. 115528
Kim, H.J. *see* Kim, C.-W. 86481
Kim, H.J. *see* Kim, J.H. 74094
Kim, H.J. *see* Kim, M.H. 108508
Kim, H.J. *see* Lim, S.H. 115563
Kim, H.J. *see* Zhang, H.W. 64391
Kim, H.J. *see* Zhang Huai-wu 115703
Kim, H.K., Jean, J. Concurrency preserving partitioning (CPP) for parallel logic simulation 73040
Kim, H.K. *see* Almashary, B.A. 95745
Kim, H.K. *see* Lee, T.S. 61144
Kim, H.K. *see* Liu, A.A. 103422
Kim, H.K. *see* Yun, N.T. 83723
Kim, H.L., Hadjsaid, N., Sabonnadiere, J.-C. Localization concepts applied to cyclic security analysis 101976
Kim, H.Le *see* Le Kim, H.
Kim, H.M. *see* Bae, J. 97852
Kim, H.M. *see* Cho, H.S. 116555
Kim, H.N. *see* Acken, K.P. 108606
Kim, H.N. *see* Kwak, J.S. 114812
Kim, H.O., Kim, J.H., Moon, S.Y. Degree reduction of Bezier curves and filter banks 60933
Kim, H.R. *see* Han, S.T. 114233
Kim, H.R. *see* Han, S.T. 119347
Kim, H.S., Reisman, A., Williams, C.K., Brush, H. Temperature effects on the trapping behavior of electrons in X-ray irradiated IGFETs 63719
Kim, H.S. *see* Baik, I.C. 121456
Kim, H.S. *see* Chang, T.H.P. 114548
Kim, H.S. *see* Collier, B.R. 87339
Kim, H.S. *see* Hwang, I.G. 119425
Kim, H.S. *see* Kratschmer, E. 76349
Kim, H.T. *see* Oh, B. 115932
Kim, H.Y. *see* Lee, T.G. 115071
Kim, I., Chun, J.S., Lee, W.J. Effects of bottom electrodes on dielectric properties of ECR-PECVD Ta_2O_5 thin film 95242
Kim, I. *see* Ketelsen, L.J.P. 109608
Kim, I. *see* Kojima, K. 88635
Kim, I. *see* Shin, H.-E. 85511
Kim, I.C. *see* Chai, J.S. 100809
Kim, I.I., Korevaar, E., Hakakha, H. Three-dimensional volumetric display in rubidium vapor 89244
Kim, I.T. *see* Yun, N.T. 83723
Kim, J. Processing overhead and propagation delay sensitivity of scalable protocols in high speed networks 68351
Kim, J., Kita, H., Tezuka, T., Nishikawa, Y. Impacts of dispersed storage and generation on the voltage stability in electric power systems 80779
Kim, J., Kuo, S.P. Peniotron mode radiation of a 16 slot cusptron oscillator 114522
Kim, J., Liu, J., Kwatra, S.C. Multiple TCM with modified set partitioning 68346
Kim, J., Song, Y.-H., Nam, K.-S. Determination of the temporal plasma density above a semiconductor bridge 84506
Kim, J., Yamamoto, Y. Theory of pump-noise suppression in p-n junction light emitters 116255
Kim, J. *see* Jeong, S.-H. 78283
Kim, J. *see* Kwak, J. 86495
Kim, J. *see* Oh, M. 65255
Kim, J. *see* Pathak, S.D. 87206
Kim, J. *see* Roh, J. 67903
Kim, J. *see* Seshadri, N. 88151

Kim, J. *see* Song, J.J. 89912
Kim, J. *see* Watanabe, T. 85640
Kim, J.-D., Katayama, S., Mizutani, M., Takemoto, T., Matsunawa, A. Structure and composition of evaporated particles and plume in laser welding 116790
Kim, J.-D., Katayama, S., Takemoto, T., Matsunawa, A. Observation of evaporated particles behavior and plasma parameters in laser welding 116789
Kim, J.-H., Kwon, Y.-M., Kim, H.-G., Min, N.-K. A pipelined architecture for VLSI implementation of quantizer/inverse quantizer processor for video codec 98958
Kim, J.-H., Lim, D.H., Yang, G.M., Shin, Y.G., Lim, K.Y., Lee, H.J. Effect of Al-rich surface on Se δ-doped GaAs grown by low-pressure metalorganic chemical vapor deposition 105576
Kim, J.-H., Seo, S.-H., Yun, S.-M., Chang, H.-Y., Choi, C.-K., Lee, K.-M. Production of high density plasma on the substrate in a helicon source and application to the deposition of SiOF film with low dielectric constant 63465
Kim, J.-H., Song, W.-J. Pyramid-structured progressive image transmission using quantisation error delivery in transform domains 67167
Kim, J.-H. *see* Chun, K.-G. 68513
Kim, J.-H. *see* Kim, W.-H. 78628
Kim, J.-H. *see* Kwon, B.-H. 102844
Kim, J.-H. *see* Lee, S.H. 63329
Kim, J.-H. *see* Seo, S.-H. 63393
Kim, J.-I. *see* Lee, P.-W. 63398
Kim, J.-M. *see* Chung, K.-W. 114230
Kim, J.-M. *see* Ko, S.-C. 78626
Kim, J.-S., Park, S., Dowd, P., Nasrabadi, N. Channel assignment in cellular radio using genetic algorithms 118922
Kim, J.-S., Park, S.H., Dowd, P.W., Nasrabadi, N.M. Genetic algorithms approach to the channel assignment problem 78578
Kim, J.-Y. *see* Cheung, T.-S. 115366
Kim, J.B. *see* Iwasa, Y. 95601
Kim, J.B. *see* Kim, H.A. 89468
Kim, J.C., Yamada, T., Nakayama, M., Watanabe, T., Miyata, S. Effect of chromophore density on linear and nonlinear optical properties of phenoxy functionalized side chain polymers 85647
Kim, J.C. *see* Chai, J.S. 100809
Kim, J.C. *see* Maruyama, K. 100989
Kim, J.C. *see* Yun, H.-J. 68878
Kim, J.D., Jungling, K.C. Modelling of the current density distribution in a heavily doped semiconductor bridge 63536
Kim, J.D., Michel, E., Park, S., Xu, J., Javadpour, S., Razeghi, M. Room-temperature operation of InTlSb infrared photodetectors on GaAs 89094
Kim, J.D., Nam, K.S., Koo, J.G. Characterization of contact resistance: the effect of non-zero metal resistance and contact size 105462
Kim, J.D., Sang-Tae Choi, Jong-Seog Koh, Soon-Hong Kwon Progressive imaging on the Internet via WWW browser using adaptive block truncation coding 86322
Kim, J.D. *see* Michel, E. 82601
Kim, J.D. *see* Michel, E. 100006
Kim, J.D. *see* Moon, J.W. 81778
Kim, J.D. *see* Razeghi, M. 69173
Kim, J.G., Kim, H.-M. Adaptive decoding scheme for concatenated codes in frequency-hopped spread-spectrum communications with a pulse-burst jamming 68060
Kim, J.H., Asahi, H., Asami, K., Ogura, T., Doi, K., Gonda, S. Improvement of optical properties of gas source MBE grown GaP/AlP short period superlattices 62845
Kim, J.H., Chien, A.A. Rotating Combined Queueing (RCQ): bandwidth and latency guarantees in low-cost, high-performance networks 77940
Kim, J.H., Kim, C.J., Kang, H.S., Jang, Y.S., Lim, S.K. A research on power complementary bipolar technology to prevent parasitic operation 95171
Kim, J.H., Lee, J.Y., Paik, J.C., Kim, H.J. Transmission electron microscopy study of SiF^+/BF_2^+ implanted and annealed (100)Si: amorphization and residual effects 74094
Kim, J.H., Oh, E.Y., Oh, C.H., Park, Y.S., Hong, C.H. A high-performance a-Si:H TFT with SiO_2 gate insulator [for LCD-TFT panel] 84443
Kim, J.H. *see* Ahn, S.H. 85122
Kim, J.H. *see* Eom, I.K. 67017
Kim, J.H. *see* Kim, H.O. 60933
Kim, J.H. *see* Park, J.H. 105781
Kim, J.J. *see* Do-Heyoung Kim 113492
Kim, J.J. *see* Kim, B.-C. 105765
Kim, J.J. *see* Park, K. 76002
Kim, J.J. *see* Tae-Hyun Kim 103439
Kim, J.K. *see* Hong, Y.I. 104909
Kim, J.L., Belford, G.G. A distributed election protocol for unreliable networks 87411
Kim, J.M., Choo, D.H., Park, N.S., Choi, J.H., Kim, J.W. Field emission of PECVD diamond like carbon thin film flat cathode on microstructured silicon pedestal 74033
Kim, J.M. *see* Jie Nun Kang 74018
Kim, J.M. *see* Lee, T.S. 61144
Kim, J.M.S. *see* Deib, D.A. 61602
Kim, J.M.S. *see* Deib, D.A. 121769
Kim, J.M.S. *see* Pavan Kumar, M.R. 89756
Kim, J.M.S. *see* Pavan Kumar, M.R. 100778
Kim, J.M.S. *see* Pavan Kumar, M.R. 112105
Kim, J.M.S. *see* Pavan Kumar, M.R. 121635
Kim, J.R. *see* Ivanov, S.V. 74152
Kim, J.S., Cho, O.K., Min, K.S., Park, K.Y. Optical recording media from polymer-TCNQ complexes 75418
Kim, J.S., Kim, G.H., Suh, S.H., Chung, S.J. Electrical and structural properties of Cl-doped ZnSe MBE-grown with various doping techniques 74221
Kim, J.S., Seiler, D.G., Ehrstein, J.R. Determination of densities and mobilities of heavy and light holes in *p*-type Si using reduced-conductivity-tensor analyses of magnetic-field-dependent Hall and resistivity measurements 114573
Kim, J.S. *see* Cho, H.S. 116555
Kim, J.S. *see* Lee, T.G. 115071
Kim, J.S. *see* Miyaoka, R.S. 90425
Kim, J.S. *see* Nam, H.G. 118929
Kim, J.W. Error-resilient decoding of randomly impaired MPEG-2 bit stream 86482
Kim, J.W., Kang, S.R., Lee, H.Y. The protection of PCM repeaters from external interference 99046
Kim, J.W., Lee, Y.J., Vogt, T.J., Patrizi, G.A., Robinson, G.Y., Lile, D.L. Wannier-Stark localization in a strained-layer $In_xGa_{1-x}As/In_yGa_{1-y}P$ superlattice 63014
Kim, J.W., Shepard, K.W., Nolen, J.A. A high gradient superconducting quadrupole for a low charge state ion linac 95573
Kim, J.W. *see* Kim, J.M. 74033
Kim, J.W. *see* Lee, H.W. 87175
Kim, J.W. *see* Shepard, K.W. 89723
Kim, J.Y., Lee, J.H. Effect of imperfect power control on acquisition performance in a DS/CDMA system 87379
Kim, J.Y. *see* Kim, T. 65318
Kim, J.Y. *see* Kim, T.K. 65256
Kim, K., Jang, S.-H., Kwon, S.-H., Son, K.-S. An improvement of VLSI architecture for 2-dimensional discrete cosine transform and its inverse 83162
Kim, K., Song, Y., Lee, G.S., Song, J. Electrical properties of PECVD oxide films deposited at room temperature 113440
Kim, K., Uchida, K., Tokumaru, S. On the method for measuring dielectric constants of low-loss materials by forced resonance 69446
Kim, K. *see* Kim, S.H. 89787
Kim, K. *see* King, T.L. 107829
Kim, K. *see* Kwak, J. 86495
Kim, K. *see* Kwon, O.K. 64803
Kim, K. *see* Kwon, O.K. 75570
Kim, K. *see* Nishizawa, J. 94331
Kim, K. *see* Radermacher, R. 82016
Kim, K. *see* Tompkins, M.W. 107830
Kim, K.-B. *see* Kim, K.-S. 78125
Kim, K.-C., Tokumaru, S. Antenna factors of half-wavelength dipole antennas with Roberts balun 117023
Kim, K.-C. *see* Matsunaga, T. 99237
Kim, K.-H. *see* Ko, Y.-U. 115059
Kim, K.-J., Littlejohn, R.G. Entropy and emittance of particle and photon beams 89888
Kim, K.-J. *see* Bessonov, E.G. 90248
Kim, K.-S., Kim, K.-B., Kim, H.-J. Implementation of fully interconnected switch architecture for B-ISDN 78125
Kim, K.-S. *see* Bastawros, A.-F. 115038
Kim, K.-T. *see* Reymann, D. 88901
Kim, K.-Y., Hur, I.-B., Jang, G.-J., Choi, S.-H. Accurate overlay control for 0.30 μm i-line lithography 115072
Kim, K.B. *see* See, S.K. 89399
Kim, K.D. *see* Park, J.H. 105781
Kim, K.H. *see* Baik, I.C. 121456
Kim, K.H. *see* Kim, Y.G. 73066
Kim, K.H. *see* Koh, S.K. 94828
Kim, K.H. *see* Kwon, S.H. 121669
Kim, K.H. *see* Yoon, Y.S. 95636
Kim, K.J., Moskowitz, H., Koksalan, M. Fuzzy versus statistical linear regression 82412
Kim, K.J., Vedula, R.R., Glasgow, P.D., Jacobs, P., Farkas, J. Functionalized TPU for advanced media applications 106488
Kim, K.J., Xie, M., Pellegrini, C. Effects of undulator interruptions on the performance of high-gain FEL amplifiers 96533
Kim, K.J. *see* Tatchyn, R. 96526
Kim, K.M., Cha, I.W., Youn, D.H. An adaptive algorithm for array system in the presence of faulty element 76929
Kim, K.S., Weiner, S.R. Impact of temperature transients on the measured transmission properties of optical fibres 75427
Kim, K.S. *see* Ryu, Y. 99125
Kim, K.W. *see* Ellis-Monaghan, J.J. 74726
Kim, K.W. *see* Erdogan, M.U. 74392
Kim, K.W. *see* Hulfachor, R.B. 63726
Kim, K.W. *see* Mansour, N.S. 83941
Kim, K.W. *see* Sirenko, Yu.M. 114776
Kim, K.Y., Kusayanagi, N., Abidi, A.A. A 10-bit, 100 MS/s CMOS A/D converter 114029
Kim, K.Y. *see* Chul Sung Kim 115572
Kim, K.Y. *see* Park, J.Y. 115574
Kim, M., Chanson, S.T., Kang, S., Shin, J. An approach for testing asynchronous communicating systems [protocol testing] 118104
Kim, M., Principe, J.C. Artificial neural networks with gamma kernels for automatic target detection 109794
Kim, M. *see* Yoo, S. 118109
Kim, M.-H. Determination of charge handling capability of a deep depletion charge coupled device based on a three-dimensional numerical simulation 100122
Kim, M.-S. *see* Kim, T.-G. 114749
Kim, M.-S. *see* Son, C.-S. 114607
Kim, M.C. *see* Vuong, S.T. 118149
Kim, M.D., Kang, T.W., Han, M.S., Kim, T.W. Rapid thermal annealing effects in CdTe(111) thin films grown on GaAs(100) substrates 105536
Kim, M.D., Kang, T.W., Kim, T.W. Hydrogenation behavior of deep levels in nominally undoped p-CdTe epilayers grown by molecular beam epitaxy 74269
Kim, M.H., Jung, J.Y., Kim, H.J., Lee, S.H. Fuzzy constraint line clustering for optical flow estimation 108508
Kim, M.H. *see* Biefeld, R.M. 82650
Kim, M.H. *see* Kim, S.R. 98004
Kim, M.J. *see* Ro, M.D. 75234
Kim, M.J. *see* Smith, L.L. 105463
Kim, M.S. *see* Freyman, B. 92241
Kim, M.S. *see* Hwang, S.W. 106085
Kim, M.W. *see* Fukuda, K. 77880
Kim, M.Y. *see* Hwang, D.G. 115623
Kim, N.H., Shin, D.H., Feigelson, R.S. Heat treatment studies on silver gallium diselenide ($AgGaSe_2$) crystals 75394
Kim, P., Seok Hyun Yoon, Kwang Seok Hong, Byung Chul Park A study on the speech feature extraction based on the hearing model 97643
Kim, P. *see* Benson, D. 114482
Kim, P.C. *see* Foland, A.D. 90127
Kim, P.C. *see* Goldstein, J.L.F. 94117
Kim, R.C. *see* Kim, Y.K. 86484
Kim, S., Choi, J., Park, G., Yoo Jiyoon Photovoltaic power generation for air-conditioning system based on predictive control 111847
Kim, S., Erdtmann, M., Wu, D., Kass, E., Yi, H., Diaz, J., Razeghi, M. Photoluminescence study of InAsSb/InAsSbP heterostructures grown by low-pressure metalorganic chemical vapor deposition 105240
Kim, S., Kasparis, T., Schiavone, G.A. Three-dimensional object recognition using wavelets for feature de-noising 117807
Kim, S., Neikirk, D.P. Compact equivalent circuit model for the skin effect 93018
Kim, S., Oh, M., Han, M., Kim, H. Call/connection control in ATM switching system for multimedia service 87948
Kim, S., Sridhar, R. Self-timed mesochronous interconnection for high-speed VLSI systems 95117
Kim, S., Watson, K.L. Indirect rotator graph networks 67520
Kim, S. *see* Chalidabhongse, J. 86514
Kim, S. *see* Cho, Y. 79994
Kim, S. *see* Decker, G. 80150
Kim, S. *see* Freiler, M.B. 105691
Kim, S. *see* Hwang, E.-J. 86103
Kim, S. *see* Lessner, E. 89819
Kim, S. *see* Seo, J.M. 83834
Kim, S. *see* Shim, J.H. 72257
Kim, S. *see* Turner, L.R. 100999
Kim, S. *see* Wu, Q. 121304
Kim, S. *see* Xia, H.H. 68080
Kim, S. *see* Yi, H.J. 75941
Kim, S.-B., Hadjidimos, A., Houstis, E.N., Rice, J.R. Multi-parameterized Schwarz alternating methods for elliptic boundary value problems 113251
Kim, S.-B. *see* Kim, S.I. 119247
Kim, S.-H. *see* Rhee, I.-K. 99716
Kim, S.-H. *see* Woo, J.-H. 104963
Kim, S.-I. *see* Son, C.-S. 114607
Kim, S.-O. *see* Kijoon Kim 82726
Kim, S.-W. *see* Ko, Y.-U. 115059
Kim, S.-W.A., Menberu, B., Chung, J.E. A new algorithm for NMOS AC hot-carrier lifetime prediction based on the dominant degradation asymptote 95026
Kim, S.B., Park, S.J., Ro, J.R., Lee, E.H. Fabrication of InGaAs/GaAs quantum wires on a non-(111) V-grooved GaAs substrate by chemical beam epitaxy 103941
Kim, S.B. *see* Cho, J.S. 116556
Kim, S.B. *see* Lee, J.D. 116505
Kim, S.B. *see* Ro, J.R. 103944
Kim, S.D. *see* Ebong, A.U. 71700
Kim, S.G. *see* Jo, S. 75228
Kim, S.H., Carnegie, D.W., Doose, C., Hogrefe, R., Kim, K., Merl, R. Statistical analyses of the magnet data for the Advanced Photon Source storage ring magnets 89787
Kim, S.H., Cho, Y.S., Kim, T.Y., Chung, K.H. Pulsed VUV synchrotron radiation source 79874
Kim, S.H., Park, Y.S., Han, I.T., Lee, J.-W., Yun, W.S. Effect of cyclic process on the {100}-oriented texture growth of diamond film 113460
Kim, S.H. *see* Han, I.K. 114961
Kim, S.H. *see* Jo, W. 95716
Kim, S.H. *see* Lee, K.J. 115603
Kim, S.H. *see* Park, K.H. 82166
Kim, S.H. *see* Song, J.C. 76707
Kim, S.H. *see* Yi, J.H. 89469
Kim, S.I., Kim, S.-B., Lee, H.-Y. Capacitive compensation and consequent bandwidth expansion of 2.5 Gbps optical transmitter module 119247
Kim, S.I. *see* Tompa, G.S. 92690

Kim, S.J., Asahi, H., Takemoto, M., Asami, K., Takeuchi, M., Gonda, S. Formation of self-organized quantum dot structures and quasi-perfect CuPt-type ordering by gas-source MBE growth of $(GaP)_n(InP)_n$ superlattices 105341
Kim, S.J., Lee, C.Y. Modeling and analysis of the dynamic location registration and paging in PCS microcellular 68131
Kim, S.J. *see* Dong-Hyun Kim 65562
Kim, S.J. *see* Lee, H.W. 87175
Kim, S.J. *see* Park, J.H. 105781
Kim, S.J. *see* Park, J.T. 87585
Kim, S.K., Jeong, Y.U., Cho, S.O., Choel Lee, B., Lee, J. 2-D simulation of the waveguide free-electron laser with a helical undulator 96514
Kim, S.K., Lee, K.W., Hong, B.G., In, S.R., Jinchoon Kim, Hong, S.H., Lee, J. Design of the magnetic system and derivation of the operation modes of the large-aspect-ratio (LAR) tokamak KT-2 107816
Kim, S.K. *see* Baumbaugh, B. 80030
Kim, S.K. *see* Cho, S.O. 96447
Kim, S.K. *see* Chung, M. 80031
Kim, S.K. *see* Lee, B.C. 96458
Kim, S.K. *see* Park, T.K. 91302
Kim, S.P. *see* Cheng-Teh Hsieh 108570
Kim, S.P. *see* Youngbeom Jang 83239
Kim, S.R., Kim, B.K., Kang, H.S., Hwang, S.J., Kim, M.H. An efficient algorithm for recognition of 2-D partially occluded objects using polygons 98004
Kim, S.R., Lee, J.G., Hun Lee, Kang, B.S., Jeong, J.W. A coherent dual-channel QPSK modulation for CDMA systems 119000
Kim, S.R. *see* Lim, S.H. 115563
Kim, S.S. *see* Deleonibus, S. 114906
Kim, S.S. *see* Ro, M.D. 75234
Kim, S.U. *see* Lee, T.S. 61144
Kim, S.W., Shintomi, T., Kimura, N., Makida, Y., Hirabayashi, H., Mito, T., Iwamoto, A., Yamamoto, J., Kimura, A. Experimental studies on stabilities of Rutherford cables for superconducting accelerator magnets 95406
Kim, S.W. *see* Colver, G.M. 107806
Kim, S.W. *see* Ha, J.H. 63324
Kim, S.Y. *see* Choi, B.W. 84761
Kim, S.Y. *see* Han, B.M. 61347
Kim, T., Kim, T.K., Lee, E.K., Kim, J.Y., Kim, T.I. A single transverse mode operation of top surface emitting laser diode with a integrated photo-diode 65318
Kim, T., Stokes, D., May, G. Real-time feedback control of reactive ion etching using neural networks 105686
Kim, T. *see* Hill, D. 84354
Kim, T. *see* Kim, T.K. 65256
Kim, T. *see* Oh, M. 65255
Kim, T. *see* Oh, M. 65255
Kim, T. *see* Shin, H.-E. 85511
Kim, T. *see* Singh, M. 90363
Kim, T. *see* Singh, M. 101333
Kim, T.-G., Cho, S.W., Im, H.S., Kim, M.-S., Park, J.-H., Min, S.-K. Micropattern generation by holographic lithography and fabrication of quantum wire array by MOCVD 114749
Kim, T.-I. *see* Jeong, K.-J. 87641
Kim, T.G. *see* Hwang, S.W. 106085
Kim, T.H. *see* Ogitsu, T. 100449
Kim, T.H. *see* Yokoyama, S. 95542
Kim, T.I. *see* Kim, T. 65318
Kim, T.I. *see* Kim, T.K. 65256
Kim, T.J. *see* Kajita, M. 88555
Kim, T.K., Kim, T., Oh, M.S., Lim, G.G., Kim, J.Y., Kim, T.I. GaInP/AlGaInP metal clad ridge waveguide visible laser diodes with $CH_4/H_2/Ar$ reactive ion etched mesa stripes 65256
Kim, T.K. *see* Cho, Y.S. 64207
Kim, T.K. *see* Kim, T. 65318
Kim, T.K. *see* Rhee, E.J. 87135
Kim, T.S. *see* Han, S.T. 114233
Kim, T.S. *see* Han, S.T. 119347
Kim, T.W., Gambino, R.J. The formation of stable Co/Co_2MnSn two phase magnets 64298
Kim, T.W., Jung, W., Lee, D.U., Keon-Ho Yoo, Kyung-Hwa Yoo Magnetotransport, magneto-optical, and electronic subband studies in $In_xGa_{1-x}As/In_{0.52}Al_{0.48}As$ one-side-modulation-doped asymmetric step quantum wells 105382
Kim, T.W., Kang, T.W., Wang, K.L. Magnetotransport and electronic subband studies in Si_xGe_{1-x}/Si strained single quantum wells 74385
Kim, T.W., Lee, K.H., Jeong, T.W. Field trial and quality test of ATM switching system in Korea 118706
Kim, T.W., Lee, S.D., Park, H.L. Excitonic transitions in $Cd_{0.053}Zn_{0.947}Te/ZnTe$ strained single quantum wells grown by double-well temperature-gradient vapour transport deposition 105326
Kim, T.W., Park, T.H., Jung, M., Lee, D.U., Kim, C.O. Charge transfer and electronic subband studies in a strained $In_{0.15}Ga_{0.85}As/Al_{0.22}Ga_{0.78}As$ single quantum well 105373
Kim, T.W., Yoon, Y.S., Lee, J.Y. Structural properties of Pt/p-InP heterostructures 94579
Kim, T.W. *see* Hong, Y.I. 104909
Kim, T.W. *see* Kang, T.W. 61286
Kim, T.W. *see* Kang, T.W. 103971
Kim, T.W. *see* Kim, M.D. 74269
Kim, T.W. *see* Kim, M.D. 105536
Kim, T.W. *see* Woo, Y.D. 103972
Kim, T.W. *see* Yoo, K.-H. 83911
Kim, T.W. *see* Yoon, Y.S. 61399
Kim, T.W. *see* You, Y.C. 95979
Kim, T.Y. *see* Kim, S.H. 79874
Kim, W. *see* Ahn, S.H. 85122
Kim, W. *see* Look, D.C. 74262
Kim, W. *see* Look, D.C. 105162
Kim, W. *see* Mohammad, S.N. 106077
Kim, W. *see* Park, Y.M. 121019
Kim, W. *see* Ruvimov, S. 105450
Kim, W. *see* Smith, M. 114774
Kim, W. *see* Song, J.J. 96330
Kim, W. *see* Suzue, K. 115141
Kim, W.-H., Ahn, J.-Y., Kim, J.-H. Design and implementation of the speech and data processor for DGS-200 satellite communication system 78628
Kim, W.-H. *see* Ahn, J.-Y. 78627
Kim, W.S. *see* Kim, D.S. 114755
Kim, W.S. *see* Kim, D.S. 116483
Kim, W.T., Yu, S.C., Yoo, Y.G., Vazquez, M., Hernando, A., Hoser, A., Graf, H.A. Two magnetic phases in the $Fe_{20}Co_{30}Cu_{50}$ solid solution 115530
Kim, W.Y. *see* Poulsen, J.K. 70044
Kim, Y., Erbil, A., Boatner, L.A. Substrate dependence in the growth of epitaxial $Pb_{1-x}La_xTiO_3$ thin films 113351
Kim, Y., Yuan, S., Leon, R., Jagadish, C., Gal, M., Johnston, M.B., Phillips, M.R., Stevens Kalceff, M.A., Zou, J., Cockayne, D.J.H. Effects of anodic oxide induced intermixing on the structural and optical properties of quantum wire structure grown on nonplanar GaAs substrate 114737
Kim, Y. *see* Lim, J. 119062
Kim, Y. *see* Pathak, S.D. 87206
Kim, Y. *see* Son, C.-S. 114607
Kim, Y. *see* Vig, J.R. 79300
Kim, Y. *see* Vig, J.R. 79405
Kim, Y. *see* Vig, J.R. 95312
Kim, Y.-A., Nakagawa, M. R-ALOHA protocol for SS inter-vehicle communication network using head spacing information 118938
Kim, Y.-G., Gam, K.S., Rhee, C. 1000 h stability test of the Au/Pd thermocouple at 1000°C 119665
Kim, Y.-J. *see* Lee, P.-W. 63398
Kim, Y.-K. *see* Seo, J.M. 83834
Kim, Y.-T. Deinterlacing algorithm based on sparse wide vector correlations 88833
Kim, Y.B. *see* Cho, Y.S. 64207
Kim, Y.B. *see* Chul Sung Kim 64316
Kim, Y.C. *see* Lee, D.E. 109216
Kim, Y.C. *see* Lee, H.S. 87413
Kim, Y.D., Bhang, H., Hashimoto, O., Maeda, K., Omata, K., Outa, H., Park, H., Youn, M. High resolution TOF detector for hypernuclei lifetime measurement 69812
Kim, Y.D. *see* Haun, M.J. 115452
Kim, Y.G., Dharchoudhury, A., Kang, S.M., Kim, K.H. PESE: an efficient partition-based electrical simulation environment 73066
Kim, Y.G. *see* Choi, S.H. 98128
Kim, Y.H., Lee, D.C., Nawata, M. The effect of Cr_2O_3 additive on the electrical properties of ZnO varistor 93953
Kim, Y.H., Lee, K.W., Jeon, J.G., Park, K.T., Suh, I.S., Nam, B.D. Moving object discrimination and tracking for unmanned surveillance system 86914
Kim, Y.H., Noor, A.K. Buckling and postbuckling of composite panels with cutouts subjected to combined loads 72727
Kim, Y.H., Yamaguchi, M., Arai, K.I. Domain wall motion and eddy current losses in very thin 3% Si-Fe core 64466
Kim, Y.H. *see* Lee, K.H. 117454
Kim, Y.H. *see* Park, J.H. 89084
Kim, Y.H. *see* Park, Y. 113538
Kim, Y.H. *see* Park, Y. 115416
Kim, Y.H. *see* Yun, H.-J. 68878
Kim, Y.J., Chang, S.C., Un, C.K., Shin, B.C. UPC/NPC algorithm for guaranteed QoS in ATM networks 87294
Kim, Y.J., Chu, C.W., Lee, S.H., Jeong, H.S., Han, M.S., Moon, J.T., Koh, Y.B. Effects of surface charging on the notching in poly-silicon etch 114914
Kim, Y.J. *see* Lee, C.H. 121312
Kim, Y.K., Kim, R.C., Lee, S.U. On the adaptive 3D subband video coding 86484
Kim, Y.K., Ra, J.B. Multiple shell-structured hypercube feature maps for vector quantization of images 98306
Kim, Y.K. *see* Chai, J.S. 100809
Kim, Y.K. *see* Crawford, T.M. 115490
Kim, Y.K. *see* Dykes, J.W. 75166
Kim, Y.K. *see* Michel, R.P. 113488
Kim, Y.K. *see* Oti, J.O. 75167
Kim, Y.K. *see* Oti, J.O. 75209
Kim, Y.K. *see* Oti, J.O. 115872
Kim, Y.K. *see* Oti, J.O. 115873
Kim, Y.K. *see* Tsoukatos, A. 64302
Kim, Y.M. *see* Kim, D.S. 114755
Kim, Y.M. *see* Kim, D.S. 116483
Kim, Y.M. *see* Park, J.T. 87585
Kim, Y.S. *see* Chai, J.S. 100809
Kim, Y.S. *see* Chai, J.S. 100809
Kim, Y.S. *see* Eom, I.K. 67017
Kim, Y.S. *see* Kwon, M. 100689
Kim, Y.S. *see* Lee, D.E. 109216
Kim, Y.S. *see* Roh, T.M. 114303
Kim, Y.S. *see* Sirl, Y.O. 87869
Kim, Y.S. *see* Tae-Hyun Kim 103439
Kim, Y.S. *see* Vlaskina, S.I. 104139
Kim, Y.W. *see* Cho, H.S. 78579
Kim, Y.W. *see* Song, Y.J. 118568
Kim Baekhyun *see* Baekhyun Kim
Kim Baik *see* Baik Kim
Kim Bo-Eun *see* Bo-Eun Kim
Kim Boeun *see* Boeun Kim
Kim Bong Kyu *see* Bong Kyu Kim
Kim Bong-Hwan *see* Bong-Hwan Kim
Kim Bong-Jin *see* Bong-Jin Kim
Kim Bongryui *see* Bongryui Kim
Kim Bu-Ihl *see* Bu-Ihl Kim
Kim Bumman *see* Bumman Kim
Kim Byeong-Chan *see* Byeong-Chan Kim
Kim Byoung Wan *see* Byoung Wan Kim
Kim Byoung Yoon *see* Byoung Yoon Kim
Kim Byoung-June *see* Byoung-June Kim
Kim Byun Kyun *see* Byun Kyun Kim
Kim Byung Kyun *see* Byung Kyun Kim
Kim Byung Sung *see* Byung Sung Kim
Kim Byung Wook *see* Byung Wook Kim
Kim Byung-gi *see* Byung-gi Kim
Kim Byung-Sung *see* Byung-Sung Kim
Kim Byung-Taik *see* Byung-Taik Kim
Kim Byunggi *see* Byunggi Kim
Kim Byungjoon *see* Byungjoon Kim
Kim Byungmun *see* Byungmun Kim
Kim Chae Ok *see* Chae Ok Kim
Kim Chan-Ho *see* Chan-Ho Kim
Kim Chan-Ki *see* Chan-Ki Kim
Kim Chan-Sik *see* Chan-Sik Kim
Kim Chan-Soo *see* Chan-Soo Kim
Kim Chang Hyun *see* Chang Hyun Kim
Kim Chang Min *see* Chang Min Kim
Kim Chang Sub *see* Chang Sub Kim
Kim Chang-Bum *see* Chang-Bum Kim
Kim Chang-Dong *see* Chang-Dong Kim
Kim Chang-Eob *see* Chang-Eob Kim
Kim Chang-Hong *see* Chang-Hong Kim
Kim Chang-Hwan *see* Chang-Hwan Kim
Kim Chang-Hwoi *see* Chang-Hwoi Kim
Kim Chang-Jin *see* Chang-Jin Kim
Kim Chang-Joo *see* Chang-Joo Kim
Kim Chang-Min *see* Chang-Min Kim
Kim Chang-Soo *see* Chang-Soo Kim
Kim Chang-Suk *see* Chang-Suk Kim
Kim Chang-Woo *see* Chang-Woo Kim
Kim Changbae, Uhm Yongwoong Free-electron laser model without the slowly-varying envelope approximation 65375
Kim Changhyun *see* Changhyun Kim
Kim Che Young *see* Che Young Kim
Kim Cheeha *see* Cheeha Kim
Kim Cheol Sung *see* Cheol Sung Kim
Kim Cheol-Gi *see* Cheol-Gi Kim
Kim Cheol-Woo *see* Cheol-Woo Kim
Kim Cheolse *see* Cheolse Kim
Kim Cheolwoo *see* Cheolwoo Kim
Kim Chil-Min *see* Chil-Min Kim
Kim Chong Sang *see* Chong Sang Kim
Kim Chong-Kwon *see* Chong-Kwon Kim
Kim Chongsang *see* Chongsang Kim
Kim Choon-Sam *see* Choon-Sam Kim
Kim Choong Ki *see* Choong Ki Kim
Kim Chul Sung *see* Chul Sung Kim
Kim Chul-Hwan *see* Chul-Hwan Kim
Kim Chulsoon *see* Chulsoon Kim
Kim Chun Duck *see* Chun Duck Kim
Kim Chun-Sam *see* Chun-Sam Kim
Kim Chung *see* Chung Kim
Kim Chung Hwa *see* Chung Hwa Kim
Kim Chung Lae *see* Chung Lae Kim
Kim Chunghee *see* Chunghee Kim
Kim Dae Ho *see* Dae Ho Kim
Kim Dae Ik *see* Dae Ik Kim
Kim Dae Mann *see* Dae Mann Kim
Kim Dae Sik *see* Dae Sik Kim
Kim Dae Ung *see* Dae Ung Kim
Kim Dae-Young *see* Dae-Young Kim
Kim Daeyoung *see* Daeyoung Kim
Kim Dai Hyun *see* Dai Hyun Kim
Kim Daiwoo *see* Daiwoo Kim
Kim Deok-Woo *see* Deok-Woo Kim
Kim Do Run *see* Do Run Kim
Kim Do Sang *see* Do Sang Kim
Kim Do-Heyoung *see* Do-Heyoung Kim
Kim Do-Nyon *see* Do-Nyon Kim
Kim Do-Wan *see* Do-Wan Kim
Kim Doh Hoon *see* Doh Hoon Kim
Kim Dong Hee *see* Dong Hee Kim
Kim Dong Il *see* Dong Il Kim
Kim Dong In *see* Dong In Kim
Kim Dong Keun *see* Dong Keun Kim
Kim Dong Won *see* Dong Won Kim
Kim Dong Yoon *see* Dong Yoon Kim
Kim Dong-Hun *see* Dong-Hun Kim
Kim Dong-Hwan *see* Dong-Hwan Kim
Kim Dong-Hyun *see* Dong-Hyun Kim
Kim Dong-Ik *see* Dong-Ik Kim
Kim Dong-Il *see* Dong-Il Kim
Kim Dong-Joon *see* Dong-Joon Kim
Kim Dong-Keun *see* Dong-Keun Kim
Kim Dong-Kyoo *see* Dong-Kyoo Kim
Kim Dong-Myung *see* Dong-Myung Kim
Kim Dong-Woo *see* Dong-Woo Kim
Kim Dong-Wook *see* Dong-Wook Kim
Kim Dongho *see* Dongho Kim
Kim Donghwan *see* Donghwan Kim
Kim Doo-Young *see* Doo-Young Kim

Kim Doohyun *see* Doohyun Kim
Kim Doug Nyun *see* Doug Nyun Kim
Kim Dowan *see* Dowan Kim
Kim Duck Jin *see* Duck Jin Kim
Kim Duckjin *see* Duckjin Kim
Kim Duk Soo *see* Duk Soo Kim
Kim Eng Chan *see* Eng Chan Kim
Kim Eon Gon *see* Eon Gon Kim
Kim Eun Kyu *see* Eun Kyu Kim
Kim Eun-Jin *see* Eun-Jin Kim
Kim Eun-Sik *see* Eun-Sik Kim
Kim Eun-Soo *see* Eun-Soo Kim
Kim Eun-Tae *see* Eun-Tae Kim
Kim Eunah *see* Eunah Kim
Kim Eung Su *see* Eung Su Kim
Kim Eung-Kyeu *see* Eung-Kyeu Kim
Kim Eung-Seok *see* Eung-Seok Kim
Kim Eung-Sik *see* Eung-Sik Kim
Kim Eungsoo *see* Eungsoo Kim
Kim Eunjoo *see* Eunjoo Kim
Kim Geonung *see* Geonung Kim
Kim Geun Dae *see* Geun Dae Kim
Kim Gi-Seok *see* Gi-Seok Kim
Kim Gwang Dong *see* Gwang Dong Kim
Kim Gwang-Won *see* Gwang-Won Kim
Kim Gyu Ug *see* Gyu Ug Kim
Kim Gyudong *see* Gyudong Kim
Kim Gyuhyeong *see* Gyuhyeong Kim
Kim Ha Soo *see* Ha Soo Kim
Kim Hack-Seong *see* Hack-Seong Kim
Kim Haecheon *see* Haecheon Kim
Kim Hagbae *see* Hagbae Kim
Kim Han Gon *see* Han Gon Kim
Kim Han Gyoon *see* Han Gyoon Kim
Kim Han Kyoung *see* Han Kyoung Kim
Kim Han-Gu *see* Han-Gu Kim
Kim Han-Joon *see* Han-Joon Kim
Kim Han-Kyoung *see* Han-Kyoung Kim
Kim Han-Kyung *see* Han-Kyung Kim
Kim Han-Soo *see* Han-Soo Kim
Kim Han-Sung *see* Han-Sung Kim
Kim Hansuk *see* Hansuk Kim
Kim Hee Chan *see* Hee Chan Kim
Kim Hee Ju *see* Hee Ju Kim
Kim Hee Jun *see* Hee Jun Kim
Kim Hee Sik *see* Hee Sik Kim
Kim Hee-Je *see* Hee-Je Kim
Kim Heui Gyu *see* Heui Gyu Kim
Kim Heui-Wook *see* Heui-Wook Kim
Kim Ho Chul *see* Ho Chul Kim
Kim Ho-Gi *see* Ho-Gi Kim
Kim Ho-Seong *see* Ho-Seong Kim
Kim Hoi Rin *see* Hoi Rin Kim
Kim Hojoong *see* Hojoong Kim
Kim Hokyung *see* Hokyung Kim
Kim Hong Koo *see* Hong Koo Kim
Kim Hong Kook *see* Hong Kook Kim
Kim Hong Man *see* Hong Man Kim
Kim Hong Seub *see* Hong Seub Kim
Kim Hong Seung *see* Hong Seung Kim
Kim Hong Sik *see* Hong Sik Kim
Kim Hong-Gyu *see* Hong-Gyu Kim
Kim Hong-Kyu *see* Hong-Kyu Kim
Kim Hong-Man *see* Hong-Man Kim
Kim Hong-Seok *see* Hong-Seok Kim
Kim Hong-Sung *see* Hong-Sung Kim
Kim Hongman *see* Hongman Kim
Kim Hongrae *see* Hongrae Kim
Kim Hwa-Jong *see* Hwa-Jong Kim
Kim Hwan Kyu *see* Hwan Kyu Kim
Kim Hwan-Seong *see* Hwan-Seong Kim
Kim Hwang-Nam *see* Hwang-Nam Kim
Kim Hye Rim *see* Hye Rim Kim
Kim Hye-Young *see* Hye-Young Kim
Kim Hyeon Soo *see* Hyeon Soo Kim
Kim Hyeon-Soo *see* Hyeon-Soo Kim
Kim Hyeong Joon *see* Hyeong Joon Kim
Kim Hyeong Rae *see* Hyeong Rae Kim
Kim Hyeong-Seok *see* Hyeong-Seok Kim
Kim Hyeongdong *see* Hyeongdong Kim
Kim HyeongJu *see* HyeongJu Kim
Kim Hyeongseok *see* Hyeongseok Kim
Kim Hyo Gun *see* Hyo Gun Kim
Kim Hyo Ju *see* Hyo Ju Kim
Kim Hyo Ryung *see* Hyo Ryung Kim
Kim Hyo Sang *see* Hyo Sang Kim
Kim Hyo-Sung *see* Hyo-Sung Kim
Kim Hyojoong *see* Hyojoong Kim
Kim Hyoun Woo *see* Hyoun Woo Kim
Kim Hyoung Joong *see* Hyoung Joong Kim
Kim Hyoung-Do *see* Hyoung-Do Kim
Kim Hyoung-Joong *see* Hyoung-Joong Kim
Kim Hyuk *see* Hyuk Kim
Kim Hyun Soo *see* Hyun Soo Kim
Kim Hyun-Duck *see* Hyun-Duck Kim
Kim Hyun-Hee *see* Hyun-Hee Kim
Kim Hyun-Jai *see* Hyun-Jai Kim
Kim Hyung *see* Hyung Kim
Kim Hyung Kun *see* Hyung Kun Kim
Kim Hyung Mun *see* Hyung Mun Kim
Kim Hyung Myung *see* Hyung Myung Kim
Kim Hyung Soo *see* Hyung Soo Kim
Kim Hyung-Gon *see* Hyung-Gon Kim
Kim Hyung-Hwan *see* Hyung-Hwan Kim
Kim Hyung-Kwon *see* Hyung-Kwon Kim
Kim Hyung-Myung *see* Hyung-Myung Kim
Kim Hyungho *see* Hyungho Kim
Kim Hyungsuk *see* Hyungsuk Kim
Kim Hyup-Jong *see* Hyup-Jong Kim
Kim Ik-Soo *see* Ik-Soo Kim
Kim Il *see* Il Kim
Kim Il-Dong *see* Il-Dong Kim
Kim Il-Jong *see* Il-Jong Kim
Kim Il-Jung *see* Il-Jung Kim
Kim Ilsun *see* Ilsun Kim
Kim In *see* In Kim
Kim In Eung *see* In Eung Kim
Kim In-Seon *see* In-Seon Kim
Kim Jae Chang *see* Jae Chang Kim
Kim Jae Gak *see* Jae Gak Kim
Kim Jae Hyeong *see* Jae Hyeong Kim
Kim Jae Hyun *see* Jae Hyun Kim
Kim Jae Hyung *see* Jae Hyung Kim
Kim Jae Jeong *see* Jae Jeong Kim
Kim Jae Jung *see* Jae Jung Kim
Kim Jae Mook *see* Jae Mook Kim
Kim Jae Wan *see* Jae Wan Kim
Kim Jae Yeong *see* Jae Yeong Kim
Kim Jae Yon *see* Jae Yon Kim
Kim Jae Young *see* Jae Young Kim
Kim Jae-Chul *see* Jae-Chul Kim
Kim Jae-Geun *see* Jae-Geun Kim
Kim Jae-Hyung *see* Jae-Hyung Kim
Kim Jae-Kong *see* Jae-Kong Kim
Kim Jae-Kyoon *see* Jae-Kyoon Kim
Kim Jae-Whan *see* Jae-Whan Kim
Kim Jae-Woo *see* Jae-Woo Kim
Kim JaeHeung *see* JaeHeung Kim
Kim Jaehwan *see* Jaehwan Kim
Kim Jaeseok *see* Jaeseok Kim
Kim Jaewon *see* Jaewon Kim
Kim Jang-Joo *see* Jang-Joo Kim
Kim Jang-Mok *see* Jang-Mok Kim
Kim Jang-Rae *see* Jang-Rae Kim
Kim Je Won *see* Je Won Kim
Kim Je-Deok *see* Je-Deok Kim
Kim Je-Kook *see* Je-Kook Kim
Kim Jeha *see* Jeha Kim
Kim Jeong Doo *see* Jeong Doo Kim
Kim Jeong Goo *see* Jeong Goo Kim
Kim Jeong Ho *see* Jeong Ho Kim
Kim Jeong Soo *see* Jeong Soo Kim
Kim Jeong Won *see* Jeong Won Kim
Kim Jeong Woo *see* Jeong Woo Kim
Kim Jeong-Boo *see* Jeong-Boo Kim
Kim Jeong-Du *see* Jeong-Du Kim
Kim Jeong-Gon *see* Jeong-Gon Kim
Kim Jeong-Min *see* Jeong-Min Kim
Kim Jeongdal *see* Jeongdal Kim
Kim Jhoon-Sheok *see* Jhoon-Sheok Kim
Kim Ji Hong *see* Ji Hong Kim
Kim Ji Taek *see* Ji Taek Kim
Kim Ji-Heup *see* Ji-Heup Kim
Kim Ji-Hun *see* Ji-Hun Kim
Kim Jihyung *see* Jihyung Kim
Kim Jin Goo *see* Jin Goo Kim
Kim Jin Heok *see* Jin Heok Kim
Kim Jin Hyeok *see* Jin Hyeok Kim
Kim Jin Sang *see* Jin Sang Kim
Kim Jin Yang *see* Jin Yang Kim
Kim Jin Young *see* Jin Young Kim
Kim Jin-Bong *see* Jin-Bong Kim
Kim Jin-Gyu *see* Jin-Gyu Kim
Kim Jin-H. *see* Jin-H. Kim
Kim Jin-Hong *see* Jin-Hong Kim
Kim Jin-Hwan *see* Jin-Hwan Kim
Kim Jin-il *see* Jin-il Kim
Kim Jin-Ki *see* Jin-Ki Kim
Kim Jin-Tae *see* Jin-Tae Kim
Kim Jin-Won *see* Jin-Won Kim
Kim Jin-Wook *see* Jin-Wook Kim
Kim Jincheon *see* Jincheon Kim
Kim Jinchoon *see* Jinchoon Kim
Kim Jinhee *see* Jinhee Kim
Kim Jinsoo *see* Jinsoo Kim
Kim Jong Boo *see* Jong Boo Kim
Kim Jong Deuk *see* Jong Deuk Kim
Kim Jong Ho *see* Jong Ho Kim
Kim Jong Min *see* Jong Min Kim
Kim Jong Sung *see* Jong Sung Kim
Kim Jong Tak *see* Jong Tak Kim
Kim Jong-Choul *see* Jong-Choul Kim
Kim Jong-dal *see* Jong-dal Kim
Kim Jong-il *see* Jong-il Kim
Kim Jong-Jean *see* Jong-Jean Kim
Kim Jong-Koo *see* Jong-Koo Kim
Kim Jong-Moon *see* Jong-Moon Kim
Kim Jong-Seok *see* Jong-Seok Kim
Kim Jong-Soo *see* Jong-Soo Kim
Kim Jong-Suk *see* Jong-Suk Kim
Kim Joo-Wan *see* Joo-Wan Kim
Kim Joohn-Sheok *see* Joohn-Sheok Kim
Kim Joon Seek *see* Joon Seek Kim
Kim Joon-Cheol *see* Joon-Cheol Kim
Kim Joon-Suk *see* Joon-Suk Kim
Kim Joon-Yub *see* Joon-Yub Kim
Kim Joonhwan *see* Joonhwan Kim
Kim Joung-Ho *see* Joung-Ho Kim
Kim Ju Gyung *see* Ju Gyung Kim
Kim Ju H. *see* Ju H. Kim
Kim Jun *see* Jun Kim
Kim Jun Chul *see* Jun Chul Kim
Kim Jun Ju *see* Jun Ju Kim
Kim June Hyun *see* June Hyun Kim
Kim Jung H. *see* Jung H. Kim
Kim Jung-Bum *see* Jung-Bum Kim
Kim Jung-Hoon *see* Jung-Hoon Kim
Kim Jung-Hun *see* Jung-Hun Kim
Kim Jung-Hyung *see* Jung-Hyung Kim
Kim Jung-Nyun *see* Jung-Nyun Kim
Kim Jungho *see* Jungho Kim
Kim Juno *see* Juno Kim
Kim Kang Chul *see* Kang Chul Kim
Kim Keehoon *see* Keehoon Kim
Kim Keeman *see* Keeman Kim
Kim Keum-Yong *see* Keum-Yong Kim
Kim Keun Bae *see* Keun Bae Kim
Kim Keun-Chung *see* Keun-Chung Kim
Kim Keunjoo *see* Keunjoo Kim
Kim Ki Dong *see* Ki Dong Kim
Kim Ki Hyung *see* Ki Hyung Kim
Kim Ki Jun *see* Ki Jun Kim
Kim Ki Nam *see* Ki Nam Kim
Kim Ki Ryeung *see* Ki Ryeung Kim
Kim Ki-Bong *see* Ki-Bong Kim
Kim Ki-Bum *see* Ki-Bum Kim
Kim Ki-Chai *see* Ki-Chai Kim
Kim Ki-Doo *see* Ki-Doo Kim
Kim Ki-Hong *see* Ki-Hong Kim
Kim Ki-Nam *see* Ki-Nam Kim
Kim Ki-Soo *see* Ki-Soo Kim
Kim Kibum *see* Kibum Kim
Kim Kijoon *see* Kijoon Kim
Kim Kiseon *see* Kiseon Kim
Kim Kun *see* Kun Kim
Kim Kun Ho *see* Kun Ho Kim
Kim Kun Suk *see* Kun Suk Kim
Kim Kun-Ho *see* Kun-Ho Kim
Kim Kwan-Ok *see* Kwan-Ok Kim
Kim Kwan-Shik *see* Kwan-Shik Kim
Kim Kwang Soon *see* Kwang Soon Kim
Kim Kwang-Bae *see* Kwang-Bae Kim
Kim Kwang-Ho *see* Kwang-Ho Kim
Kim Kwang-Seob *see* Kwang-Seob Kim
Kim Kwang-Soo *see* Kwang-Soo Kim
Kim Kwang-Sup *see* Kwang-Sup Kim
Kim Kwangjo *see* Kwangjo Kim
Kim Kwangjoon *see* Kwangjoon Kim
Kim Kwangsik *see* Kwangsik Kim
Kim Kwon-Ho *see* Kwon-Ho Kim
Kim Kyeong S. *see* Kyeong S. Kim
Kim Kyeong-Hwa *see* Kyeong-Hwa Kim
Kim Kyeong-Man *see* Kyeong-Man Kim
Kim Kyeongbeom *see* Kyeongbeom Kim
Kim Kyong Hon *see* Kyong Hon Kim
Kim Kyong-Hon *see* Kyong-Hon Kim
Kim Kyoung Min *see* Kyoung Min Kim
Kim Kyoung Won *see* Kyoung Won Kim
Kim Kyoung-Soo *see* Kyoung-Soo Kim
Kim Kyu-Hyoun *see* Kyu-Hyoun Kim
Kim Kyu-Tae *see* Kyu-Tae Kim
Kim Kyuchull *see* Kyuchull Kim
Kim Kyung Bae *see* Kyung Bae Kim
Kim Kyung Chan *see* Kyung Chan Kim
Kim Kyung Ryul *see* Kyung Ryul Kim
Kim Kyung Soo *see* Kyung Soo Kim
Kim Kyung-jae *see* Kyung-jae Kim
Kim Kyung-Soo *see* Kyung-Soo Kim
Kim Kyung-Won *see* Kyung-Won Kim
Kim Lee-Sup *see* Lee-Sup Kim
Kim Manjin *see* Manjin Kim
Kim Min Gyu *see* Min Gyu Kim
Kim Min Sup *see* Min Sup Kim
Kim Min-Goo *see* Min-Goo Kim
Kim Min-Gyu *see* Min-Gyu Kim
Kim Min-Jeong *see* Min-Jeong Kim
Kim Min-Ki *see* Min-Ki Kim
Kim Min-Kyu *see* Min-Kyu Kim
Kim Minnyeon *see* Minnyeon Kim
Kim Mintaig *see* Mintaig Kim
Kim Misoon *see* Misoon Kim
Kim Miyoung *see* Miyoung Kim
Kim Moo-Joon *see* Moo-Joon Kim
Kim Moo-Sung *see* Moo-Sung Kim
Kim Moon-Deack *see* Moon-Deock Kim
Kim Moonja *see* Moonja Kim
Kim Myoung Jin *see* Myoung Jin Kim
Kim Myoung-Nam *see* Myoung-Nam Kim
Kim Myung Shik *see* Myung Shik Kim
Kim Myung Soo *see* Myung Soo Kim
Kim Myung Won *see* Myung Won Kim
Kim Myung-Chan *see* Myung-Chan Kim
Kim Myung-Ki *see* Myung-Ki Kim
Kim Myung-Won *see* Myung-Won Kim
Kim Myungchul *see* Myungchul Kim
Kim Myungjoon *see* Myungjoon Kim
Kim Nak Hyun *see* Nak Hyun Kim
Kim Nakjoong *see* Nakjoong Kim
Kim Nam *see* Nam Kim
Kim Nam Chul *see* Nam Chul Kim
Kim Nam Seong *see* Nam Seong Kim
Kim Nam-Deog *see* Nam-Deog Kim
Kim Nam-Joon *see* Nam-Joon Kim
Kim Nyung Kun *see* Nyung Kun Kim
Kim Oh Hyun *see* Oh Hyun Kim
Kim Ohyun *see* Ohyun Kim
Kim Pill-Soo *see* Pill-Soo Kim
Kim Rin Chul *see* Rin Chul Kim
Kim Sae-Young *see* Sae-Young Kim
Kim Sang Bae *see* Sang Bae Kim
Kim Sang Joon *see* Sang Joon Kim
Kim Sang Wu *see* Sang Wu Kim
Kim Sang-Baeg *see* Sang-Baeg Kim
Kim Sang-Bong *see* Sang-Bong Kim
Kim Sang-Gi *see* Sang-Gi Kim
Kim Sang-Hyun *see* Sang-Hyun Kim
Kim Sang-Joo *see* Sang-Joo Kim
Kim Sang-Yeon *see* Sang-Yeon Kim
Kim Sangbo *see* Sangbo Kim
Kim Sangin *see* Sangin Kim

Kim Se-Yun *see* Se-Yun Kim
Kim Sehun *see* Sehun Kim
Kim Sei-Chan *see* Sei-Chan Kim
Kim Seo-Yoon *see* Seo-Yoon Kim
Kim Seog-Whan *see* Seog-Whan Kim
Kim Seok Chang *see* Seok Chang Kim
Kim Seok-Woo *see* Seok-Woo Kim
Kim Seok-Yoon *see* Seok-Yoon Kim
Kim SeokBeom *see* SeokBeom Kim
Kim Seokjin *see* Seokjin Kim
Kim Seon-Ju *see* Seon-Ju Kim
Kim Seon-Taek *see* Seon-Taek Kim
Kim Seong Deuk *see* Seong Deuk Kim
Kim Seong Hoon *see* Seong Hoon Kim
Kim Seong Rag *see* Seong Rag Kim
Kim Seong-Cheol *see* Seong-Cheol Kim
Kim Seong-Dae *see* Seong-Dae Kim
Kim Seong-Dong *see* Seong-Dong Kim
Kim Seong-Gi *see* Seong-Gi Kim
Kim Seong-Gyoon *see* Seong-Gyoon Kim
Kim Seong-Hwan *see* Seong-Hwan Kim
Kim Seong-Il *see* Seong-Il Kim
Kim Seong-Jin *see* Seong-Jin Kim
Kim Seong-Sue *see* Seong-Sue Kim
Kim Seung Do *see* Seung Do Kim
Kim Seung Kwan *see* Seung Kwan Kim
Kim Seung-Hee *see* Seung-Hee Kim
Kim Seungkyu *see* Seungkyu Kim
Kim Sin Jae *see* Sin Jae Kim
Kim So Won *see* So Won Kim
Kim Songhee *see* Tai Weonpil 95273
Kim Soo Joong *see* Soo Joong Kim
Kim Soo-Won *see* Soo-Won Kim
Kim Soo-Yong *see* Soo-Yong Kim
Kim Sookyung *see* Sookyung Kim
Kim Soon-Back *see* Soon-Back Kim
Kim Soowon *see* Soowon Kim
Kim Su-Jin *see* Su-Jin Kim
Kim Su-Yeon *see* Su-Yeon Kim
Kim Suck-Whan *see* Suck-Whan Kim
Kim Suckwoo *see* Suckwoo Kim
Kim Suk Chan *see* Suk Chan Kim
Kim Suk Ki *see* Suk Ki Kim
Kim Suk-Ki *see* Suk-Ki Kim
Kim Sukil *see* Sukil Kim
Kim Sung Baek *see* Sung Baek Kim
Kim Sung Ho *see* Sung Ho Kim
Kim Sung Hwan *see* Sung Hwan Kim
Kim Sung Jo *see* Sung Jo Kim
Kim Sung Joo *see* Sung Joo Kim
Kim Sung Ki *see* Sung Ki Kim
Kim Sung Kwun *see* Sung Kwun Kim
Kim Sung-Bock *see* Sung-Bock Kim
Kim Sung-Chun *see* Sung-Chun Kim
Kim Sung-Han *see* Sung-Han Kim
Kim Sung-Hoon *see* Sung-Hoon Kim
Kim Sung-Nam *see* Sung-Nam Kim
Kim Sung-Sil *see* Sung-Sil Kim
Kim Sung-Soo *see* Sung-Soo Kim
Kim Sung-Tae *see* Sung-Tae Kim
Kim Sunghan *see* Sunghan Kim
Kim Sungjo *see* Sungjo Kim
Kim Sungmyun *see* Sungmyun Kim
Kim Sungsoo *see* Sungsoo Kim
Kim Suyeong *see* Suyeong Kim
Kim Tae Eun *see* Tae Eun Kim
Kim Tae Geun *see* Tae Geun Kim
Kim Tae Gue *see* Tae Gue Kim
Kim Tae Gyu *see* Tae Gyu Kim
Kim Tae Il *see* Tae Il Kim
Kim Tae Sung *see* Tae Sung Kim
Kim Tae Ung *see* Tae Ung Kim
Kim Tae Won *see* Tae Won Kim
Kim Tae-Eun *see* Tae-Eun Kim
Kim Tae-Geun *see* Tae-Geun Kim
Kim Tae-Hong *see* Tae-Hong Kim
Kim Tae-Hyun *see* Tae-Hyun Kim
Kim Tae-Il *see* Tae-Il Kim
Kim Tae-Kyun *see* Tae-Kyun Kim
Kim Tae-Woong *see* Tae-Woong Kim
Kim Taejung *see* Taejung Kim
Kim Taek-Soo *see* Taek-Soo Kim
Kim Taewhan *see* Taewhan Kim
Kim Tai Suk *see* Tai Suk Kim
Kim Tai Woo *see* Tai Woo Kim
Kim Tai Yun *see* Tai Yun Kim
Kim Tai-Yun *see* Tai-Yun Kim
Kim Tao Song *see* Tao Song Kim
Kim Toh Giam *see* Giam Kim Toh
Kim Tong-Ha *see* Tong-Ha Kim
Kim Wan Joo *see* Wan Joo Kim
Kim WangKon *see* WangKon Kim
Kim Won Kyu *see* Won Kyu Kim
Kim Won-Ho *see* Won-Ho Kim
Kim Won-Hoo *see* Won-Hoo Kim
Kim Wonchan *see* Wonchan Kim
Kim Woohong *see* Woohong Kim
Kim Wook *see* Wook Kim
Kim Woonyun *see* Woonyun Kim
Kim Yang-Hann *see* Yang-Hann Kim
Kim Yeong-Dae *see* Yeong-Dae Kim
Kim Yeongseuk *see* Yeongseuk Kim
Kim Yeun-Bae *see* Yeun-Bae Kim
Kim Yo Sub *see* Yo Sub Kim
Kim Yong *see* Yong Kim
Kim Yong Bae *see* Yong Bae Kim
Kim Yong Chun *see* Yong Chun Kim
Kim Yong Deak *see* Yong Deak Kim
Kim Yong Pyung *see* Yong Pyung Kim
Kim Yong T. *see* Yong T. Kim
Kim Yong Tae *see* Yong Tae Kim
Kim Yong Wan *see* Yong Wan Kim
Kim Yong-Gyoo *see* Yong-Gyoo Kim
Kim Yong-Ha *see* Yong-Ha Kim
Kim Yong-Joo *see* Yong-Joo Kim
Kim Yong-Kweon *see* Yong-Kweon Kim
Kim Yong-Nam *see* Yong-Nam Kim
Kim Yong-Sang *see* Yong-Sang Kim
Kim Yong-Suk *see* Yong-Suk Kim
Kim Yong-Wook *see* Yong-Wook Kim
Kim Yong-Woon *see* Yong-Woon Kim
Kim Yongdae *see* Yongdae Kim
Kim Yonghwan *see* Yonghwan Kim
Kim Yongkyu *see* Yongkyu Kim
Kim Yongmin *see* Yongmin Kim
Kim Yoon-Ho *see* Yoon-Ho Kim
Kim Yoon-Soo *see* Yoon-Soo Kim
Kim Yoonhee *see* Yoonhee Kim
Kim Yoonho *see* Yoonho Kim
Kim Yoonhyuk *see* Yoonhyuk Kim
Kim Young Chul *see* Young Chul Kim
Kim Young Guon *see* Young Guon Kim
Kim Young Han *see* Young Han Kim
Kim Young Hwan *see* Young Hwan Kim
Kim Young Jin *see* Young Jin Kim
Kim Young Jung *see* Young Jung Kim
Kim Young Ki *see* Young Ki Kim
Kim Young Kil, Choi Byung Uk A design and implementation of natural language dialogue understanding system based on discourse information and plan recognition 86139
Kim Young Kil *see* Young Kil Kim
Kim Young Kwan *see* Young Kwan Kim
Kim Young Min *see* Park Ju Hyun 109391
Kim Young Min *see* Young Min Kim
Kim Young Sun *see* Young Sun Kim
Kim Young Tae *see* Young Tae Kim
Kim Young-Dal *see* Young-Dal Kim
Kim Young-Eun *see* Young-Eun Kim
Kim Young-Gon *see* Young-Gon Kim
Kim Young-Guk *see* Young-Guk Kim
Kim Young-Gwan *see* Young-Gwan Kim
Kim Young-Ha *see* Young-Ha Kim
Kim Young-Han *see* Young-Han Kim
Kim Young-Hui *see* Young-Hui Kim
Kim Young-Hwan *see* Young-Hwan Kim
Kim Young-Il *see* Young-Il Kim
Kim Young-Jin *see* Young-Jin Kim
Kim Young-Jo *see* Young-Jo Kim
Kim Young-Key *see* Young-Key Kim
Kim Young-Kil *see* Young-Kil Kim
Kim Young-Seok *see* Young-Seok Kim
Kim Young-Si *see* Young-Si Kim
Kim Young-Sik *see* Young-Sik Kim
Kim Young-Soo *see* Young-Soo Kim
Kim Young-Su *see* Young-Su Kim
Kim Young-Woo *see* Young-Woo Kim
Kim Young-Wook *see* Young-Wook Kim
Kim Younghee *see* Younghee Kim
Kim Youngkung *see* Youngkung Kim
Kim Youngkyun *see* Youngkyun Kim
Kim Youngmin *see* Youngmin Kim
Kim Youngse *see* Youngse Kim
Kim Youngsik *see* Youngsik Kim
Kim Youngsoo *see* Youngsoo Kim
Kim Youngsun *see* Youngsun Kim
Kim Youngtae *see* Youngtae Kim
Kim Yu-Hyun *see* Yu-Hyun Kim
Kim Yuag-Gil *see* Yuag-Gil Kim
Kim Yung-Gil *see* Yung-Gil Kim
Kim Yunnghee *see* Yunnghee Kim
Kim Yuri *see* Yuri Kim
Kim-Joan Chen *see* Yuan-Sun Chu 119426
Kima, S.T. *see* Lee, Y.T. 113619
Kimata, M. *see* Suga, I. 81582
Kimata, M. *see* Ueno, M. 69302
Kimata, Y. *see* Satoh, S. 106949
Kimball, F. *see* Lieurance, D. 121916
Kimball, J. *see* Midya, P. 121405
Kimball, O.A. *see* Ostendorf, M. 108228
Kimber, P. *see* Bhandal, A. 99113
Kimble, B. *see* Sturzebecher, D. 86007
Kimbler, K. Towards a more efficient feature interaction analysis: a statistical approach 67894
Kimblin, C.W., Yun-Ko Chien Series ratings of protective devices 91680
Kimbreau, G. *see* Vesecky, J.F. 111234
Kimbrough, S.O. *see* Dworman, G. 60810
Kime, K. *see* Shinoda, M. 109934
Kimel, I., Elias, L.R. The role of radiation reaction in Lienard-Wiechert description of FEL interaction 107385
Kimel, S. *see* Anvari, B. 101410
Kimerling, L.C. *see* Chalfoun, L. 112377
Kimerling, L.C. *see* Michel, J. 84117
Kimia, B.B. *see* Siddiqi, K. 86421
Kimiaei, S., Larsson, S.A. Simultaneous SPECT and CT with an opposed dual head gamma camera system and conventional parallel hole collimators 101099
Kimiaei, S., Larsson, S.A. Simultaneous SPECT and CT with an opposed dual head gamma camera system and conventional parallel hole collimators 101283
Kimiyama, H., Nishimura, K., Matsuda, C., Nakano, H. System architecture for middle-scale video-on-demand services 68852
Kimizuka, K., Yagi, S. Ultrasonic 3-dimensional range-variant inverse filtering in near-field range of array transducer 90305
Kimm, H. Parallel algorithm for wiring two-terminal nets in the knock-knee mode 61537
Kimm, V.J. Program management in a period of strategic realignment: a practitioner's perspective 92119
Kimme-Smith, C. *see* Thiele, D.L. 80207
Kimmel, R., Bruckstein, A.M. Global shape from shading 77472
Kimmel, R., Kiryati, N., Bruckstein, A.M. Sub-pixel distance maps and weighted distance transforms 67076
Kimmel, R., Shaked, D., Kiryati, N., Bruckstein, A.M. Skeletization via distance maps and level sets 77474
Kimmel, R. *see* Caselles, V. 67228
Kimmel, R. *see* Cohen, L.D. 86437
Kimmel, R. *see* Malladi, R. 110751
Kimmel, R. *see* Shimshoni, I. 98056
Kimmelmann, R. VHDL–behavioural description of hardware as sequential process 73059
Kimmet, J.S. *see* Parker, M.A. 63386
Kimmet, J.S. *see* Parker, M.A. 110360
Kimmitt, M.F. *see* Doria, A. 96449
Kimmitt, M.F. *see* Roser, H.P. 105863
Kimo Ki-Ryeung *see* Ki-Ryeung Kimo
Kimoto, A., Shida, K. Proposal of capacitance measurement method with changing the size of supplementary electrodes for the imaging of the permittivity distribution between a pair of electrodes 69429
Kimoto, A., Shida, K. Estimation of the size of an air space and its position in a long distance parallel plate acrylic resin condenser by changing the size of the supplementary plate electrodes 93971
Kimoto, K., Usami, K., Yahisa, Y., Narishige, S. Elemental mapping using an energy-filter-equipped TEM with application to magnetic materials 64189
Kimoto, K. *see* Hirayama, Y. 115769
Kimoto, M. *see* Chikano, Y. 71672
Kimoto, T., Itoh, A., Matsunami, H. Step bunching in 6H- and 4H-SiC growth by step-controlled epitaxy 104045
Kimoto, T., Itoh, A., Matsunami, H., Nakata, T., Watanabe, M. Aluminum and boron ion implantations into 6H-SiC epilayers 74522
Kimoto, T., Itoh, A., Matsunami, H., Sridhara, S., Clemen, L.L., Devaty, R.P., Choyke, W.J., Dalibor, T., Peppermuller, C., Pensl, G. Characterization of high-quality 4H-SiC epitaxial layers 104049
Kimoto, T., Nakajima, T., Matsunami, H., Nakata, T., Inoue, M. Formation of semi-insulating 6H-SiC layers by vanadium ion implantations 94692
Kimoto, T., Tanimoto, M. A lossy coding scheme of binary images for a very low bit rate channel 77282
Kimoto, T., Yaginuma, Y., Yamakawa, H. Information integration model with autoencoding neural network 66555
Kimoto, T. *see* Akita, H. 105511
Kimoto, T. *see* Inoue, N. 105590
Kimoto, T. *see* Itoh, A. 105481
Kimoto, T. *see* Itoh, A. 105884
Kimoto, T. *see* Kobayashi, S. 84436
Kimoto, T. *see* Nishino, K. 103978
Kimoto, T. *see* Tanimoto, M. 67123
Kimpara, I. *see* Ohsawa, I. 61484
Kimura, A., Shintomi, T., Terashima, A., Kawabata, S., Sumiyoshi, F., Hirabayashi, H. Interstrand coupling losses of Rutherford cables 95602
Kimura, A. *see* Kichimi, H. 69718
Kimura, A. *see* Kim, S.W. 95406
Kimura, A. *see* Kitayama, Y. 100334
Kimura, A. *see* Umemura, F. 81816
Kimura, A. *see* Yamaguchi, A.A. 92699
Kimura, C. *see* Shinmoto, T. 102161
Kimura, E. *see* Ogino, F. 69228
Kimura, F. *see* Tsuruoka, S. 90416
Kimura, F. *see* Wakabayashi, T. 67434
Kimura, G. *see* Shimizu, T. 102870
Kimura, G. *see* Shimizu, T. 121733
Kimura, H. Hadamard matrices and dihedral groups 117212
Kimura, H., Hara, K., Iijima, T., Nayuki, T., Fujiwara, E., Saitoh, H. Improvement of the lasing performance of copper vapor laser by adding Ag and/or Cs atoms 85368
Kimura, H., Kamijo, H., Okabe, Y. Electric field effect in YBaCuO/PrBaCuO/YBaCuO junctions 84898
Kimura, H., Ooki, N., Ookura, N., Tanaka, A., Kishino, K., Mukai, K. Development of multimedia service node ⟨Super-iOX MMN⟩ 109188
Kimura, H., Suzuki, Y., Tohmori, Y., Nakamura, M., Okada, K. A novel transmitter/receiver switching circuit configuration for high-performance LD transceiver in subscriber loop 88539
Kimura, H. *see* Chettri, S. 97669
Kimura, H. *see* Hashimoto, K. 117567
Kimura, H. *see* Hiwa, N. 91927
Kimura, H. *see* Noto, K. 71586
Kimura, H. *see* Oyabu, T. 111304
Kimura, H. *see* Phetchakul, T. 105858
Kimura, H. *see* Tanaka, H. 121155
Kimura, I. *see* Sato, T. 90785
Kimura, I. *see* Sato, T. 109761
Kimura, I. *see* Sato, T. 120801
Kimura, J. *see* Suzuki, Y. 118826

Kimura, J.-I., Matsumoto, T. A consideration on motion compensation prediction efficiency using image models 108573
Kimura, K. Some circuit design techniques for low-voltage analog functional elements using squaring circuits 83261
Kimura, K., Endoh, Y., Mannami, M., Gossmann, H.-J., Gilmer, G.H., Feldman, L.C. Anomalous surface segregation of Sb in Si during epitaxial growth 82587
Kimura, K., Miyamoto, K., Hashimoto, M. Joining of $YBa_2Cu_3O_x$ with high critical current 84859
Kimura, K., Sawamura, M., Miyamoto, K., Hashimoto, M., Watanabe, K., Awaji, S., Kobayashi, N. Current leads consisting of QMG-$YBa_2Cu_3O_x$ 84923
Kimura, K., Yamazaki, J., Takano, S., Kinoshita, T., Hama, H. Gain narrowing of spectral and temporal widths in the UVSOR-FEL 96474
Kimura, K. *see* Hama, H. 96460
Kimura, K. *see* Horikoshi, J. 87727
Kimura, K. *see* Itoh, K. 71245
Kimura, K. *see* Itoh, K. 111894
Kimura, K. *see* Katagiri, A. 102603
Kimura, K. *see* Kawahara, T. 73347
Kimura, K. *see* Kuo, L.H. 103830
Kimura, K. *see* Okamoto, S. 75477
Kimura, K. *see* Yamaguchi, K. 102630
Kimura, K. *see* Yao, T. 74194
Kimura, K. *see* Yonezawa, H. 80893
Kimura, M. Reliability of thin oxide films for ultra-large-scale integration 60724
Kimura, M. A new method to measure the absolute-humidity independently of the ambient temperature 119955
Kimura, M., Kubota, E., Bessho, N., Fukuda, I. Development of liquid crystal-photo fabrication system 85137
Kimura, M., Qin, Z., Dost, S., Tanaka, A., Sukegawa, T. A solid-liquid diffusion model for growth and dissolution of III-V semiconductor alloy crystals by LPE. I 72812
Kimura, M. *see* Asano, Y. 69759
Kimura, M. *see* Ikuina, K. 94139
Kimura, M. *see* Kami, Y. 65921
Kimura, M. *see* Kamiya, T. 113305
Kimura, M. *see* Kanai, H. 61230
Kimura, M. *see* Kanai, H. 92754
Kimura, M. *see* Kobayashi, K. 97475
Kimura, M. *see* Kobayashi, K. 117239
Kimura, M. *see* Kudoh, T. 120269
Kimura, M. *see* Matsuyama, K. 80490
Kimura, M. *see* Ohbuchi, R. 101137
Kimura, M. *see* Okamoto, S. 75477
Kimura, M. *see* Shibata, S. 83553
Kimura, M. *see* Shibata, S. 114471
Kimura, M. *see* Sugiura, T. 110934
Kimura, M. *see* Takimoto, I. 104429
Kimura, M. *see* Tamura, J. 121453
Kimura, M. *see* Udono, H. 72815
Kimura, M. *see* Udono, H. 92755
Kimura, N., Miyashita, T., Sato, C., Suzuki, R. Tracking system for spread spectrum communication on power line 68030
Kimura, N. *see* Fujii, T. 87860
Kimura, N. *see* Funaki, T. 91024
Kimura, N. *see* Kim, S.W. 95406
Kimura, N. *see* Nagahori, T. 119217
Kimura, N. *see* Suzuki, K. 74140
Kimura, N. *see* Yamamoto, A. 89625
Kimura, N. *see* Yamaoka, H. 90189
Kimura, S. Guidelines for high-performance CMOS-devices development 63938
Kimura, S., Chil-Woo Lee, Yachida, M. Extended facial expression recognition using potential net 87132
Kimura, S., Imai, Y. 0-40 GHz GaAs MESFET 1:2 distributed signal distributor IC 109620
Kimura, S., Imai, Y., Miyamoto, Y. Direct-coupled distributed baseband amplifier IC's for 40-Gb/s optical communication 119163
Kimura, S., Imai, Y., Umeda, Y., Enoki, T. Loss-compensated distributed baseband amplifier IC's for optical transmission systems 113775
Kimura, S., Kamada, M., Hama, H., Marechal, X.M., Tanaka, T., Kitamura, H. Design of a helical undulator for UVSOR 89636
Kimura, S., Ohta, H., Motokawa, M., Mitsudo, S., Jang, W.-J., Hasegawa, M., Takei, H. Submillimeter wave ESR measurements of metamagnetic $Y_2Cu_2O_5$ 79680
Kimura, S. *see* Hanazato, Y. 79315
Kimura, S. *see* Iida, T. 114621
Kimura, S. *see* Imai, Y. 78839
Kimura, S. *see* Imai, Y. 104352
Kimura, S. *see* Imai, Y. 104877
Kimura, S. *see* Kito, M. 65229
Kimura, S. *see* Masegi, T. 91191
Kimura, S. *see* Ninomiya, S. 101276
Kimura, S. *see* Ohkura, Y. 95009
Kimura, S. *see* Togawa, S. 61134
Kimura, S. *see* Togawa, S. 61135
Kimura, S. *see* Togawa, S. 113275
Kimura, S. *see* Yamaguchi, S. 82209
Kimura, T., Kreischer, K.E., Temkin, R.J. Initial operation of a 1 MW, 170 GHz gyrotron with an internal mode converter 114527
Kimura, T., Shigemasa, R., Ohshima, T., Nishi, S. Shift in threshold voltage and Schottky barrier height of molybdenum gate gallium arsenide field effect transistors after high forward gate current test 95042
Kimura, T., Taguchi, A., Hamada, S., Murata, Y. Fuzzy filters defined by IF-THEN rules and ELSE rule 117306
Kimura, T., Wadaka, S., Misu, K., Nagatsuka, T., Tajime, T., Koike, M. A high resolution ultrasonic range measurement method using double frequencies and phase detection 111389
Kimura, T. *see* Aimoto, Y. 73442
Kimura, T. *see* Himeshima, I. 75239
Kimura, T. *see* Hirokawa, T. 93803
Kimura, T. *see* Hong Zhang 106643
Kimura, T. *see* Ikoma, M. 71669
Kimura, T. *see* Ishida, M. 84081
Kimura, T. *see* Ishimura, E. 78743
Kimura, T. *see* Kiriyama, H. 96696
Kimura, T. *see* Koike, H. 75061
Kimura, T. *see* Shikata, M. 68495
Kimura, T. *see* Srinivasan, N. 85706
Kimura, T. *see* Srinivasan, N. 116663
Kimura, T. *see* Sugiura, T. 110934
Kimura, T. *see* Suto, K. 65180
Kimura, T. *see* Takemi, M. 103842
Kimura, T. *see* Yabe, Y. 113980
Kimura, T. *see* Yamazaki, T. 63961
Kimura, W.D. Inverse Cerenkov accelerator results 89643
Kimura, Y., Ohgoh, T., Aksenov, I., Sato, K. Optical properties of Er-doped $CuAlS_2$ 95957
Kimura, Y., Yoshimura, K., Satoh, J., Okuno, M., Arita, H. Condenser eddy current testing technology 61463
Kimura, Y. *see* Kitanoya, J. 112896
Kimura, Y. *see* Mansfield, G. 87595
Kimura, Y. *see* Miura, K. 94141
Kimura, Y. *see* Nakazawa, M. 75860
Kimura, Y. *see* Nishioka, Y. 73337
Kimura, Y. *see* Saito, T. 116665
Kimura, Y. *see* Shimizu, Y. 104568
Kimura, Y. *see* Takeda, K. 94404
Kin Choong Yow, Cipolla, R. Finding initial estimates of human face location 87101
Kin Choong Yow, Cipolla, R. Detection of human faces under scale, orientation and viewpoint variations 117903
Kin Fai Tong *see* Tsien Ming Au 108064
Kin Fai Wong Wales *see* Wales Kin Fai Wong
Kin Hong Wong *see* Chun Wai Leung 97928
Kin Kiong Low *see* Low Kin Kiong
Kin Man Yu, Bourret-Courchesne, E.D. Anomalous ion damage behaviour in ZnSe 105578
Kin Man Yu, Hsu, L. Local structural modification in ion damaged InGaAs 94678
Kin Man Yu, Moll, A.J., Walukiewicz, W. Amphoteric behavior and precipitation of Ge dopants in InP 114877
Kin Man Yu, Ning Chan, Hsu, L. Electrical activation and local structure of Se atoms in ion-implanted indium phosphide 74526
Kin Sang-Bae *see* Sang-Bae Kin
Kin Seng Chiang Analysis of the effective-index method for the vector modes of rectangular-core dielectric waveguides 62146
Kin Seng Chiang, Chi Lai Wong, Hau Ping Chan, Yuk Tak Chow Refractive-index profiling of graded-index planar waveguides from effective indexes measured for both mode types and at different wavelengths 64752
Kin Tan *see* Siddiqui, M.K. 83503
Kin-Ho Chu, Pollock, C. A new PWM-controlled series compensator with fast step response and low harmonic distortion 80988
Kin-Hong Wong *see* Chor-Tung Yau 97937
Kin-Lu Wong *see* Chih-Yu Huang 66154
Kin-Lu Wong *see* Hsin-Cheng Su 76518
Kin-Lu Wong *see* Hua-Ming Chen 73619
Kin-Lu Wong *see* Jui-Han Lu 85929
Kin-Lu Wong *see* Jui-Han Lu 97224
Kin-Lu Wong *see* Jul-Han Lu 93686
Kin-Lu Wong *see* Nan-Cheng Chen 76561
Kina, Y. *see* Nakao, Z. 108454
Kinahan, P. *see* Beyer, T. 70067
Kinahan, P. *see* Defrise, M. 80238
Kinahan, P. *see* Townsend, D. 80237
Kinahan, P.E., Townsend, D.W., Bailey, D.L., Sashin, D., Jadali, F., Mintun, M.A. Efficiency normalization techniques for 3D PET data 101113
Kinahan, P.E. *see* Bailey, D.L. 101108
Kinal, G.V. Consideration of practical visibility of geostationary augmentation satellites from aircraft 70381
Kinalidis, C. *see* Meng, R.L. 75302
Kinami, T. *see* Shirai, S. 89277
Kinase, W. *see* Khatib, D. 75032
Kinayman, N. *see* Dural, G. 116993
Kinbara, A. *see* Noritake, C. 114592
Kincade, K. Erbium lasers vie for spot in medical mainstream 110916
Kincaid, L.E., Geibig, A.R., Swanson, M.B. Design for the environment: evaluating cleaner technologies in the PWB industry 72365
Kincaid, R.F., Bourham, M.A., Gilligan, J.G. Acceleration of mini-projectiles using a small-caliber electrothermal gun for fusion applications 65743
Kincaid, R.W., Bourham, M.A., Gilligan, J.G. Pellet acceleration using an ablation-controlled electrothermal launcher 107831
Kincses, Z. *see* David, L. 94600
Kind, D. Accurate measurements over wide parameter ranges 119518
Kindel, B. *see* Ning Zhu 101877
Kindel, M. *see* Johann, M.deO. 93245
Kindelan, M. *see* Bonilla, L.L. 62970
Kindem, J. *see* Cushman, P. 110590
Kinder, D., Wong, S.L., Priest, A.N., Nicholas, R.J., Duggan, G., Dawson, M.D., Najda, S.P., Kean, A.H. Magneto-optical studies of compressively strained GaInP/AlGaInP multiple quantum wells 63045
Kinder, H. *see* Barth, R. 110163
Kinder, L.R. *see* Moodera, J.S. 94635
Kinder, R. Determination of doping profiles by automated C-V measurements 114880
Kindermann, H.P. *see* Tuckmantel, J. 100498
Kindermann, L., Das, D., Nickel, H., Hilpert, K. Chemical compatibility of $(La_{0.6}Ca_{0.4})_xFe_{0.8}M_{0.2}O_3$ (x=1, 0.9; M=Cr, Mn, Co, Ni) with YSZ 81847
Kindermann, Th., Cruse, H., Dautenhahn, K. A fast, three-layer neural network for path finding 77249
Kindl, P. *see* Duftschmid, K.E. 120572
Kindlihagen, A., Chao, K.A., Willander, M., Genoe, J. Optimization of light emitting diodes based on bipolar double-barrier resonant-tunneling structures 64988
Kindlmann, P.J. *see* Knapp, M.C. 104520
Kindo, T. *see* Ito, R. 108132
Kindt, S., Kurtzke, C. Design guidelines for high-capacity standard-fiber intercity communication systems based on dispersion-mediated nonlinearity-enhanced transmission 68353
Kindt, S. *see* De Ridder, A.C. 86573
Kindt, W. *see* Kadar, Z. 88991
King, A.S. *see* Anderson, J.A. 119291
King, A.S. *see* Bramblett, L.D. 87624
King, B. *see* Ambrose, J. 70580
King, B.E. *see* Monroe, C. 95896
King, C. *see* Barrow, W. 89272
King, C. *see* Khormaei, R. 89376
King, C.A. *see* Mastrapasqua, M. 104512
King, C.E. *see* Bulwith, R.A. 92223
King, C.N. Electroluminescent displays 69418
King, C.N. Electroluminescent displays 89313
King, C.N. Electroluminescent displays 100186
King, C.R., Lin, L.Y., Wu, M.C. Monolithically integrated refractive microlens standing perpendicular to the substrate 95806
King, D. Applications for real time image warping 108728
King, D. *see* Bennet, J.M. 90165
King, D. *see* Markarian, G. 76770
King, D.L. *see* Schubert, W.K. 103005
King, E.E., Holland, S., Leonov, P., Wang, J.J., Beuville, E. Monolithically integrated detector arrays by wafer bonding 69818
King, F.D., Winson, P., Snider, A.D., Dunleavy, L., Levinson, D.P. The condition numbers arising in MESFET parameter extraction 106062
King, G.A. *see* Hu, Z. 93469
King, G.J.W. *see* Milne, A.D. 69953
King, J. Single-supply design simplifies DDS applications 82986
King, J. Dual-DDS offers high performance for high-speed GFSK 88242
King, J. *see* Akinwande, A.I. 73950
King, J. *see* Kelly, B. 67892
King, J.A. *see* Stepp, D. 84703
King, J.M. *see* Davis, P.R. 73952
King, K.F. *see* Crawford, C.R. 80270
King, K.F. *see* Ritchie, C.J. 80271
King, L.L.H. *see* Wang, R. 104096
King, M. *see* Devernoe, A. 95533
King, M. *see* Min Liu 105998
King, M.A. *see* Arata, L.K. 90448
King, M.A. *see* Case, J.A. 101097
King, M.A. *see* de Vries, D.J. 101319
King, M.A. *see* Glick, S.J. 69947
King, M.A. *see* Glick, S.J. 70072
King, M.A. *see* Glick, S.J. 101329
King, M.A. *see* Luo, D. 101248
King, M.A. *see* Pretorius, P.H. 101181
King, M.A. *see* Soares, E.J. 90358
King, M.A. *see* Soares, E.J. 90421
King, M.A. *see* Soares, E.J. 101132
King, M.A. *see* Tin-Su Pan 80230
King, M.I.H. *see* Raychaudhuri, A. 74725
King, M.I.H. *see* Raychaudhuri, A. 74747
King, M.I.H. *see* Raychaudhuri, A. 84447
King, M.N., Dickinson, T. A framework for process effectiveness measures 113003
King, M.W. Operational experience of drive systems–the end user 92009
King, N. RF systems for fixed radio access 78247
King, N., Majchrzak, A. Concurrent engineering tools: are the human issues being ignored? 60536
King, N.S.P. *see* Holzscheiter, M.H. 79984
King, N.S.P. *see* Yates, G.J. 74081
King, P. Major coalition operations are now a reality 80718
King, P.D., Preston, M.E. Mechatronic design of piezoelectric-based small actuators 91701
King, P.E., Nyman, M.D. Modeling and control of an electric arc furnace using a feedforward artificial neural network 103162
King, P.H. *see* Doyle, M.S. 101055
King, R. *see* Tewari, R. 87903
King, R.E., Varanasi, M. A modular design for large multicast ATM switches 109302

King, R.L., El-Hawary, M.E., Glinkowski, M.T., Grigg, C., Gross, C.A., Rajagopalan, V., Schmehl, T.G., Sidhu, T.S., Thomas, R.J., Wiitanen, D.O., Yousif, S.M. Electric power engineering education resources 1993-94: IEEE Power Engineering Society Committee report 92093
King, R.L., Minh-Luan Ngo, Luck, R. Interconnected system frequency response 70661
King, R.R. *see* Reiss, J.H. 81869
King, R.W.P., Sandler, S.S. Electric fields and currents induced in organs of the human body when exposed to ELF and VLF electromagnetic fields 120537
King, S. *see* Chen, W. 93455
King, S.A. Researching Internet communities: proposed ethical guidelines for the reporting of results 87823
King, S.E., Dietrich, H.B., Henry, R.L., Katzer, D.S., Moore, W.J., Phillips, G.W., Mania, R.C. Development and characterization of zone melt growth GaAs for gamma-ray detectors 80063
King, S.E., Dietrich, H.B., Henry, R.L., Katzer, D.S., Moore, W.J., Phillips, G.W., Mania, R.C. Development and characterization of zone melt growth GaAs for gamma-ray detectors 101017
King, S.L., Gardeniers, J.G.E., Boyd, I.W. Pulsed-laser deposited ZnO for device applications 92920
King, S.W. *see* Smith, L.L. 74568
King, S.W. *see* Tanaka, S. 103982
King, T. The developments in the NHS-wide networking service 67813
King, T. *see* Cauchick-Miguel, P. 99826
King, T.A. *see* Cox, A.M. 64597
King, T.A. *see* McKinnie, I.T. 96165
King, T.A. *see* McKinnie, I.T. 107203
King, T.L., Zhang, J., Kim, K. Development and validation of a railgun hydrogen pellet injector model 107829
King, T.L. *see* Tompkins, M.W. 107830
King, W. *see* Lumpkin, N.E. 63431
King, W.E., IV *see* Drayer, T.H. 67147
King, Y.C., Chuang, C.H., Kuo, C.J. Parallax image capture system for stereographic display 89360
King Chi-Faang *see* Chi-Faang King
King Lim Mong *see* Lim Mong King
King Tsu-Jae *see* Tsu-Jae King
Kingdom, F.A.A., Rainville, S.J.M. The detection of compressively sampled gratings 108532
Kingdon, D.R., Harms, A.A. Pellet power ratio in a pellet-suspension fission core 121325
Kingdon, R. Selecting memory back-up supplies 73360
Kinget, P., Steyaer, M. An analog parallel array processor for real-time sensor signal processing 73580
Kinget, P., Steyaert, M. A 1 GHz CMOS upconversion mixer 114325
Kinget, P., Steyaert, M. Impact of transistor mismatch on the speed-accuracy-power trade-off of analog CMOS circuits 115343
Kingon, A.I., Streiffer, S.K., Basceri, C., Summerfelt, S.R. High-permittivity perovskite thin films for dynamic random-access memories 113945
Kingon, A.I. *see* Al-Shareef, H.N. 114989
Kingon, A.I. *see* Auciello, O. 92933
Kingon, A.I. *see* Dahua Zhang 85259
Kingon, A.I. *see* Jeon-Kook Lee 84714
Kingsbury, N.G. *see* Swann, R.E.M. 118694
Kingsland, D.M., Jian Gong, Volakis, J.L., Jin-Fa Lee Performance of an anisotropic artificial absorber for truncating finite-element meshes 85928
Kingsland, D.M. *see* Dyczij-Edlinger, R. 62344
Kingsley, C.R. *see* Jackman, R.B. 72930
Kingsley, L.E., Weiner, M., Kim, A., Pastore, R., Youmans, R.J., Singh, H. Ultrafast switching at the US Army Pulse Power Center 101634
Kingsley, S.P. *see* Anderson, C.W. 109746
Kingston, J.J., Armani-Leplingard, F., Fork, D.K., Anderson, G.B. Green light generated by frequency-doubling in LiNbO$_3$ and LiTaO$_3$ thin films 96718
Kingston, J.J. *see* Armani-Leplingard, F. 76152
Kingston, J.J. *see* Fork, D.K. 116073
Kingston, M.A. *see* Zhang, S. 101064
Kinicki, R. *see* Dujmovic, J. 67790
Kinie, A. *see* Cerutti, S. 110852
Kinjo, H., Hirayama, H., Nishima, R., Nakagawa, N. Development of dynamic drum mechanism for VCR 79186
Kinjo, H. *see* Hirayama, H. 109928
Kinjo, H. *see* Senjyu, T. 121782
Kinjo, S., Ochi, H. A robust block adaptive filter for colored additive noise 97701
Kink, W. *see* Brauninger, H. 90702
Kinkawa, M. *see* Watanabe, S. 71130
Kinkead, A.K. *see* Fliflet, A.W. 104173
Kinkead, A.K. *see* Fliflet, A.W. 104174
Kinkead, A.K. *see* Gold, S.H. 100423
Kinkead, A.K. *see* Gold, S.H. 105019
Kinkead, D. Airborne molecular contamination: a roadmap for the 0.25 μm generation 84183
Kinkel, K. *see* Moreau, J.-F. 110647
Kinkul'kin, I.E. Integrated equipment for users of satellite radionavigation systems 109829
Kinniburgh, M. *see* Sanchez-Garcia, M.A. 62740
Kinnick, R.R. *see* Allam, M.E. 111395
Kinniment, D.J. *see* Kappos, E. 93491
Kinnison, J.A. *see* LaBel, K.A. 106222
Kinnison, J.D. Upsets in the Freja Magnetic Field Experiment 111238
Kino, G.S. *see* Dickensheets, D.L. 100081
Kinomura, A. *see* Mokuno, Y. 100388
Kinomura, A. *see* Takai, M. 61875
Kinoshita, A. *see* Motohashi, A. 110253
Kinoshita, H., Honda, M., Sakiya, F. Analysis of electrical and optical characteristics of Ar and O$_2$ supermagnetron plasmas for submicron etching use 94768
Kinoshita, H., Yamauchi, A. Formation of electrically conductive nitrogen-doped amorphous hydrogenated carbon (diamond-like carbon) films by the supermagnetron plasma chemical vapor deposition method 92808
Kinoshita, H. *see* Kasahara, J. 70469
Kinoshita, H. *see* Ozaki, M. 88915
Kinoshita, H. *see* Yuan Tang 115216
Kinoshita, J. *see* Nakanishi, M. 119522
Kinoshita, K., Koga, H., Yamamoto, H., Sugita, K., Aida, M. Trends and technical issues for high speed LANs and applications 77983
Kinoshita, K., Tsuri, H. Holographic display of human images generated using a three-dimensional model 89354
Kinoshita, K., Yamada, T. Spherical crystals of Pb$_{1-x}$Sn$_x$Te grown in microgravity 103808
Kinoshita, K. *see* Higami, Y. 61843
Kinoshita, K. *see* Itazaki, N. 93236
Kinoshita, K. *see* Miyoshi, T. 119881
Kinoshita, K. *see* Mohri, J. 69409
Kinoshita, K. *see* Shinozaki, T. 68925
Kinoshita, K. *see* Tran, T.D. 81667
Kinoshita, K. *see* Ueda, H. 61779
Kinoshita, K. *see* Wen Xiaoqing 61833
Kinoshita, K. *see* Xiang-Yun Song 112302
Kinoshita, M. *see* Francisco, J. 116159
Kinoshita, N. A compact real-time image processor for moving object tracking 66894
Kinoshita, S. *see* Onaka, H. 88642
Kinoshita, S. *see* Onaka, H. 99481
Kinoshita, T., Hane, M., McVittie, J.P. Structure dependence of notching: simulation of topography dependent charging with sheath oscillation effect 106168
Kinoshita, T., Isomura, M., Hishikawa, Y., Tsuda, S. Influence of oxygen and nitrogen in the intrinsic layer of a-Si:H solar cells 102978
Kinoshita, T. *see* Hama, H. 96460
Kinoshita, T. *see* Hane, M. 63348
Kinoshita, T. *see* Horinouchi, S. 76261
Kinoshita, T. *see* Horinouchi, S. 85674
Kinoshita, T. *see* Kim, E.S. 76257
Kinoshita, T. *see* Kimura, K. 96474
Kinoshita, T. *see* Nakamura, E. 89632
Kinoshita, T. *see* Shibazaki, T. 116991
Kinoshita, T. *see* Yamakawa, S. 76259
Kinoshita, T. *see* Yamamoto, H. 65488
Kinoshita, T. *see* Yamamoto, H. 76258
Kinoshita, T. *see* Yamamoto, H. 85048
Kinoshita, Y., Henriques, M.A.A., Hanamura, C. Design of a single phone cellular system with underlying indoor microcells at initial stages of deployment 68207
Kinoshita, Y., Oku, K. Robustness analysis of new fuzzy handover control for indoor cellular telephone 68277
Kinoshita, Y. *see* Funato, S. 105772
Kinoshita, Y. *see* Madihian, M. 99333
Kinoshita, Y. *see* Padmanaban, M. 105776
Kinoshita, Y. *see* Watanabe, S. 69095
Kinoshita, Y. *see* Yoshida, H. 84230
Kinouchi, Y. *see* Hirano, M. 78144
Kinouchi, Y. *see* Hirano, M. 98837
Kinouchi, Y. *see* Inoue, T. 78948
Kinowski, D., Guglielmi, M. Multimode network representation of a radiating array of thick parallel plates 66118
Kinross-Wright, J.M. *see* Carlsten, B.E. 89710
Kinsara, A.A., Elsayed, M.M., Al-Rabghi, O.M. Proposed energy-efficient air-conditioning system using liquid desiccant 112611
Kinser, D.L. *see* Gurbuz, Y. 119767
Kinser, D.L. *see* Kang, W.P. 74029
Kinser, D.L. *see* Kang, W.P. 83746
Kinser, J. *see* Peng, H. 75661
Kinser, J. *see* Srinivasan, R. 77395
Kinser, J.M. *see* Allen, F.T. 75633
Kinser, J.M. *see* Allen, F.T. 98090
Kinsho, M., Mori, Y., Ikegami, K., Takagi, A. A dual-optically-pumped polarized negative deuterium ion source 120078
Kinsho, M. *see* Mori, Y. 100701
Kinsho, M. *see* Shinto, K. 90092
Kinsky, S. *see* Murphy, J.B. 79881
Kinslow, R.W. *see* Lockyer, A.J. 120932
Kinsman, P. *see* Tarr, C.J. 112827
Kinsner, W. *see* Allan, R.R. 90316
Kinsner, W. *see* Ferens, K. 77456
Kinsner, W. *see* Langi, A. 76856
Kinsner, W. *see* Langi, A. 86758
Kinsner, W. *see* Stacey, G. 75041
Kinsner, W. *see* Toonstra, J. 77010
Kinsner, W. *see* Vera, E. 80573
Kintaka, K. *see* Fujimura, M. 85701
Kintala, C. *see* Duesing, E. 108953
Kinter, R. *see* Mori, W.B. 89678
Kinter, R. *see* Siala, S. 99505
Kintis, M. *see* Maas, S. 83304
Kintzer, E.S. *see* Barry, R.A. 77948
Kinugasa, T., Nishizawa, A., Koshio, K., Iguchi, T., Kamimura, J., Marumori, H. A video pre/post-processing LSI for video capture 109933
Kinugawa, M. *see* Kuroda, T. 73425
Kinura, O. *see* Ohsawa, T. 81704
Kinzer, C.K. *see* Sharp, D.L.M. 82116
Kinzer, D., Ajit, J.S., Wagers, K., Asselanis, D. A high density self-aligned 4-mask planar VDMOS process 104332
Kinzer, R.L. *see* Inderhees, S.E. 80073
Kinzer, R.L. *see* Inderhees, S.E. 101022
Kinzer, R.L. *see* Phlips, B.F. 90123
Kinzer, R.L. *see* Phlips, B.F. 101023
Kinzie, M.B. *see* Larsen, V. 98689
Kiong Low Kin *see* Low Kin Kiong
Kioussis, N. *see* Ruqian Wu 64365
Kipnis, I. *see* Beccherle, R. 80297
Kipnis, I. *see* Becker, R. 110615
Kipnis, I. *see* Beuville, E. 101309
Kipnis, I. *see* Ludewigt, B. 80069
Kipnis, I. *see* Ludewigt, B. 101032
Kipp, D. *see* Lotz, J. 73428
Kipp, R. *see* Ozdemir, T. 85993
Kipp, T. *see* Hamilton, M. 117635
Kipp, T.A. *see* Hamilton, M.K. 101650
Kippelen, B. *see* Peyghambarian, N. 106743
Kippelen, B. *see* Sandalphon 64602
Kippelen, B. *see* Sandalphon 69540
Kippelen, B. *see* Sandalphon 116705
Kipper, A. *see* Bessler, U. 100748
Kipshidze, G.D. *see* Drozdov, S.V. 113292
Kipshidze, G.D. *see* Drozdova, S.V. 92742
Kira, A. *see* Ushida, K. 69819
Kira, M. Microscopic model for a quantum cascade laser 85491
Kira, M., Stenholm, S. Conduction electron optics 105276
Kira, M. *see* Ebihara, K. 116269
Kirakosian, A.A. *see* Asatrian, A.L. 94495
Kiranon, W., Kesorn, J., Wardkein, P. Current controlled oscillator based on translinear conveyors 93170
Kiratzis, N. *see* Steele, B.C.H. 81851
Kirbie, H.C. *see* Friedman, A. 89692
Kirby, A.J. *see* Kaminow, I.P. 77942
Kirby, D.G. *see* Cutmore, N.A.F. 119416
Kirby, G. *see* Buckley, J. 89629
Kirby, J.R. *see* Brinkley, A. 72310
Kirby, J.R. *see* Ching, S.K. 72312
Kirby, K.W. *see* Engin, D. 92181
Kirby, L. *see* Yuen, C. 93879
Kirby, R. *see* Saez, P. 90076
Kirby, R.D. *see* Shan, Z.S. 64366
Kirby, R.D. *see* Wierman, K.W. 75191
Kirby, R.J. The introduction of smart power into Midlands Electricity plc 102300
Kirch, D.L. *see* Johnson, T.K. 120349
Kirch, J. *see* Hinrichsen, V. 91223
Kirchengast, G. *see* Ladreiter, H.P. 101560
Kircher, F., Desportes, H., Gallet, B., Lottin, J.C., Rey, J.M., Regnier, P., Fabbricatore, P., Musenich, R. Conductor developments for the ATLAS and CMS magnets 95567
Kircher, F. *see* Dael, A. 90053
Kircher, J. *see* Moser, H.O. 79772
Kirchesch, P. *see* Blaum, H. 121160
Kircheva, P.P. *see* Hadjichristov, G.B. 107571
Kirchgessner, J. Review of the development of RF cavities for high currents 100463
Kirchgessner, J. *see* Belomestnykh, S. 89896
Kirchgessner, J. *see* Belomestnykh, S. 89897
Kirchgessner, J. *see* Crawford, C. 79853
Kirchgessner, J. *see* Hartung, W. 90028
Kirchgessner, J. *see* Padamsee, H. 100471
Kirchgessner, J. *see* Pisharody, M. 100658
Kirchhof, J., Kobelke, J., Scheffler, M., Schwuchow, A. As-S based materials and fibres towards efficient 1.3 μm fibre amplification 75864
Kirchhof, J. *see* Boness, R. 64708
Kirchman, J. *see* Chung, Y. 100613
Kirchman, J. *see* Chung, Y. 100614
Kirchner, H. *see* Munkelt, O. 66993
Kirchner, J. *see* Fiedler, R. 79065
Kirczenow, G. *see* Sachrajda, A.S. 62935
Kirdendall, C.K. *see* Kersey, A.D. 89124
Kiriakidis, G. *see* Mailis, S. 116770
Kiriakidis, G. *see* Tassis, D.H. 94432
Kiriakidis, G. *see* Tassis, D.H. 113336
Kiriakidis, G. *see* Xirouchaki, C. 84164
Kirian, D.G. *see* Fridman, V.M. 91460
Kirichenko, A. *see* Kharkovsky, S. 83364
Kirichenko, A.Ya. *see* Cherpak, N.T. 79653
Kirichenko, N., Khavin, Y., Arnold, N. Instabilities in laser direct writing due to non-uniform cross section of stripes 61400
Kirichenko, O.V. *see* Kulchin, Yu.N. 85179
Kirichenko, O.V. *see* Vitrik, O.B. 89128
Kirichenko, O.V. *see* Vitrik, O.B. 110189
Kirichenko, V. *see* Artemiev, V. 80101
Kirichenko, V.N. *see* Bessergenev, V.G. 104131
Kirichuk, V.S., Kosykh, V.P. Correction of double images 77226
Kirichuk, V.S., Yakovenko, N.S. Structural algorithms of the analysis of an image sequence 67373
Kirihara, A. *see* Cho, Y. 79654
Kirihara, A. *see* Cho, Y. 115419
Kirihara, A. *see* Yasuo Cho 110326
Kirihara, H. *see* Kawai, M. 101948

Kirihara, T., Inoue, H. InP-based optical switch arrays using semiconductor optical amplifiers 88478
Kirihata, T., Watanabe, Y., Hing Wong, DeBrosse, J.K., Yoshida, M., Kato, D., Fujii, S., Wordeman, M.R., Poechmueller, P., Parke, S.A., Asao, Y. Fault-tolerant designs for 256 Mb DRAM 61897
Kirihata, T., Watanabe, Y., Hing Wong, DeBrosse, J.K., Yoshida, M., Kato, D., Fujii, S., Wordeman, M.R., Poechmueller, P., Parke, S.A., Asao, Y. Fault-tolerant designs for 256 Mb DRAM 93380
Kirihata, T. *see* Watanabe, Y. 61898
Kirihata, T. *see* Watanabe, Y. 93381
Kiriishi, H. *see* Shimada, H. 69428
Kirilenko, A.A., Rud', L.A., Tkachenko, V.I. Angled bend H_{q0}-mode exciters 62178
Kirilenko, A.A., Rud', L.A., Tkachenko, V.I. Full wave analysis and optimization of microwave power dividers based on the angled bend H_{q0}-mode exciters 114212
Kirilenko, A.A., Rud, L.A., Tkachenko, V.I. Semi-inversion method for an accurate analysis of rectangular waveguide H plane angular discontinuities 116971
Kirilenko, A.A. *see* Belous, O.I. 105057
Kirillov, D.A. *see* Aleev, A.N. 120186
Kirillov, G.A. Laser drivers for ICF 116309
Kirillov, G.A. *see* Vasiliev, A.S. 116327
Kirillov, P.L. Several problems of heat transfer during nuclear reactor accidents 71097
Kirillov, S.E. Transformations of spectra and optical prefiltering of images in multiple-signal solid-state TV imagers 67329
Kirillov, V.I., Tarchenko, N.V. Effect of optical-channel parameters on the characteristics of a digital fiber-optic transmission system 109632
Kirillova, T.A. *see* Sadygov, Z.Y. 69130
Kirillova, T.A. *see* Sadygov, Z.Y. 89062
Kirillova, T.A. *see* Sadygov, Z.Y. 110602
Kirilyuk, A. *see* Groot Koerkamp, M. 75172
Kirisawa, M. *see* Otsuki, M. 105940
Kiritsa, V.I. *see* Babich, V.M. 74090
Kiriyama, H., Srinivasan, N., Kimura, T., Yamanaka, M., Izawa, Y., Yamanaka, T., Nakai, S., Yamanaka, C. Widely tunable KTP optical parametric oscillator amplifier and its applications to fluorescence lifetime measurement in Yb-doped laser materials 96696
Kiriyama, H. *see* Srinivasan, N. 116663
Kiriyama, K. *see* Seki, M. 109915
Kiriyama, R. *see* Srinivasan, N. 85706
Kiriyama, T., Nakajima, N., Yoshimura, S., Burgess, S., Moore, D., Shibaike, N. A conceptual design environment for micromechanisms 74882
Kiriyama, T. *see* Moore, D.F. 74918
Kirk, A. *see* Thienpont, H. 85190
Kirk, A.G., Nieuborg, N., Thienpont, H., Heremans, P., Kuijk, M., Vounckx, R., Veretennicoff, I. Anisotropic diffractive optical logic inverter for PnpN optical thyristors 85282
Kirk, D.W. *see* Steuch, H.E. 101570
Kirk, J.A., Donofrio, M. Principal component background suppression 89153
Kirk, K.J. *see* Ruhrig, M. 115519
Kirk, K.S. *see* McWhirter, J.H. 121554
Kirk, R., Hunt, A. MIDRAS-MILAN: an open distributed processing system for audio signal processing 68934
Kirk, S. *see* Wai Mun Lee 63424
Kirk, S.J., Nguyen, T.T. Effect of hydroxylamine chemistry on polymer removal for submicron via resistance 63402
Kirkbride, J. *see* Mardia, K.V. 110706
Kirkby, D.R., Delpy, D.T. Measurement of tissue temporal point spread function (TPSF) by use of a gain-modulated avalanche photodiode detector 69959
Kirkby, R.H. Copper pair transmission: the trade-off between reach and capacity 67947
Kirke, B.K. Optimum matching of nonelectrical loads to wind turbines 91402
Kirkeby, O., Nelson, P.A., Orduna-Bustamante, F., Hamada, H. Local sound field reproduction using digital signal processing 117303
Kirkish, S.D. *see* Chen, W. 112993
Kirkland Smith, R. *see* Schulman, M.B. 81628
Kirkpatrick, A. *see* Weed, K. 103442
Kirkpatrick, D. *see* Hell, P. 103736
Kirkpatrick, E.M., Majetich, S.A., McHenry, M.E. Magnetic properties of single domain samarium cobalt nanoparticles 115529
Kirkpatrick, E.M. *see* Gallagher, K. 115578
Kirkwood, D.H. *see* Kapranos, P. 82768
Kirlin, P.S. *see* Van Buskirk, P.C. 72869
Kirlin, R.L. *see* Brook, T. 116909
Kirlin, R.L. *see* Hedstrom, B.A. 117446
Kirmse, H. *see* Utke, I. 74352
Kirmse, K.H.R., Wendt, A.E., Breun, R.A. Composition of ion flux and etch rates for Si and SiO_2 in high density fluorocarbon plasmas 63298
Kirmse, K.H.R., Wendt, A.E., Disch, S.B., Wu, J.Z., Abraham, I.C., Meyer, J.A., Breun, R.A., Woods, R.C. SiO_2 to Si selectivity mechanisms in high density fluorocarbon plasma etching 63333
Kirnapure, P. *see* Sreenivas, T.V. 108230
Kirner, S. Chipsets for digital and analogue video conferencing systems 109171
Kirov, N. *see* Hadjichristov, G.B. 107571
Kirova, N., Brazovskii, S. Contact kinetics in conducting polymers 75704
Kirova, N. *see* Zahab, A. 62699
Kirpichev, V.E. *see* Timofeev, V.B. 62798
Kirpitchev, I. *see* Perez, A. 104903
Kirpitchev, I. *see* Perez, A. 112078
Kirsanov, E.Yu. Digital processors of signals in the neurocomputer implementation of a human-machine interface 62096
Kirsanov, V.I. *see* Andreev, N.E. 79769
Kirsanov, Yu.A. Two-dimensional heat conductivity in the solid body at cyclical four-periodic boundary conditions of the third kind 121270
Kirsch, D., Koster, J. Operation and control of energy production plants 91322
Kirsch, D.A. Technology, environment and public policy in perspective: lessons from the history of the automobile 92107
Kirschen, D. *see* Rafian, M. 101942
Kirschenbaum, L.S., Rogers, C.T., Beale, P.D., Russek, S.E., Sanders, S.C. High current density self-field effects and low-frequency noise in NiFe/Ag GMR multilayers 115640
Kirschenhofer, P., Prodinger, H. Return statistics of simple random walks 92442
Kirschner, A. *see* Pupeter, N. 73964
Kirschner, A. *see* Pupeter, N. 119977
Kirschner, I., Horvath, E., Vajda, I., Bencze, L., Gobl, N. High-T_c superconductors: technical and commercial challenge 115892
Kirschner, J. *see* Dittschar, A. 75081
Kirschner, J. *see* Giergiel, J. 100282
Kirschner, J. *see* Sander, D. 115537
Kirschner, J. *see* Skomski, R. 115536
Kirschner, L. *see* Sadek, K. 111572
Kirschning, I., Tomabechi, H., Koyama, M., Jun-Ichi Aoe The time-sliced paradigm–a connectionist method for continuous speech recognition 108190
Kirschning, M. Latest in lead-acid battery design 71621
Kirscht, M. Detection and velocity estimation of moving objects in a sequence of single-look SAR images 109741
Kirschvink, M., Halbach, L., Louges, M. Interference suppression on motor connection cables for frequency converters 71298
Kirshman, J.F. *see* Koga, R. 73390
Kirshman, J.F. *see* Koga, R. 104556
Kirsner, K. *see* Nielsen, T.E. 80814
Kirson, A.M. *see* Yilin Zhao 99688
Kirstadter, A. Fair and flexible contention resolution for input buffered ATM switches based on LAN medium access control protocols 109091
Kirstaedter, N., Schmidt, O., Ledentsov, N.N., Grundmann, M., Bimberg, D., Ustinov, V.M., Egorov, A.Yu., Zhukov, A.E., Maximov, M.V., Kop'ev, P.S., Alferov, Zh.I., Kosogov, A.O., Gosele, U., Heydenreich, J. Static and dynamic properties of (InGa)As/GaAs quantum dot lasers 65202
Kirstaedter, N., Schmidt, O.G., Ledentsov, N.N., Bimberg, D., Ustinov, V.M., Egorov, A.Yu., Zhukov, A.E., Maximov, M.V., Kop'ev, P.S., Alferov, Zh.I. Gain and differential gain of single layer InAs/GaAs quantum dot injection lasers 96397
Kirstaedter, N. *see* Ledentsov, N.N. 62870
Kirstaedter, N. *see* Ledentsov, N.N. 63081
Kirstaedter, N. *see* Ledentsov, N.N. 96412
Kirstaedter, N. *see* Schmidt, O.G. 85517
Kirstaedter, T. *see* Schmidt, O.G. 107275
Kirste, T. The MoVI project: introduction and modeling concepts 78235
Kirste, T. Mobile frames: a pragmatic approach to automatic application partitioning based on an end-user data model 118906
Kirste, T. *see* Schirmer, J. 87894
Kirstein, T.R. Increasing photodiode transimpedance bandwidth and SNR with a bootstrap buffer 75734
Kirsteins, I.P., Nikitakos, N.V. A generalized likelihood ratio test detector for moving targets in clutter 117469
Kirsten, F. *see* Chau, A. 90219
Kirsten, F. *see* Chau, A. 100936
Kirsten, T. *see* Cribier, M. 110538
Kirtania, A.K., Das, M.B., Chandrasekhar, S., Lunardi, L.M., Qua, G.J., Hamm, R.A., Li-Wu Yang Measurement and comparison of 1/f noise and g-r noise in silicon homojunction and III-V heterojunction bipolar transistors 63584
Kirtley, J.R. *see* Mannhart, J. 95481
Kirtsch, J. *see* Gravier, T. 105896
Kirtsch, J. *see* Vendrame, L. 115374
Kirtzel, H.-J. *see* Klugmann, D. 90766
Kirubarajan, T., Yeddanapudi, M., Bar-Shalom, Y., Pattipati, K. Comparison of IMMPDA and IMM-assignment algorithms on real air traffic surveillance data 111069
Kirupavathy, S. *see* Das, V.D. 74279
Kirvaitis, R. *see* Gurskas, A. 93065
Kiryanov, A.V. *see* Ilichev, N.N. 106756
Kiryati, N. *see* Kimmel, R. 67076
Kiryati, N. *see* Kimmel, R. 77474
Kiryati, N. *see* Shaked, D. 67413
Kiryu, H. *see* Fujiwara, H. 83835
Kiryu, T. *see* Saitoh, Y. 110235
Kiryukhin, N.N. *see* Gertsev, K.F. 79893
Kiryunin, A.E. *see* Braunschweig, W. 120173
Kisanuki, O. *see* Tanaka, T. 64149
Kisch, D. *see* Covrig, M. 81436
Kise, K. *see* Nitta, Y. 73370
Kisel, D. *see* Kolesar, J. 62367
Kisel, I.V. *see* Bussa, M.P. 69878
Kiselev, A.N. *see* Givargizov, E.I. 72905
Kiselev, N.I. *see* Petrakovskii, G.A. 105211
Kiselev, S.S. *see* Kosov, A.S. 101561
Kiselev, S.S. *see* Kosov, A.S. 111192
Kiselev, V. *see* Avramenko, S. 93951
Kiselev, V.A. *see* Kezerashvili, G.Ya. 120092
Kiselev, V.A. *see* Tolchinskii, E.N. 121276
Kiselev, V.G. *see* Karelin, A.Yu. 111037
Kiselev, V.M. *see* Artemov, A.A. 107109
Kiselev, V.M. *see* Belousova, I.M. 120767
Kiselev, V.M. *see* Gryaznov, N.A. 116355
Kiselev, V.S. *see* Avramenko, S.F. 107015
Kiselev, V.S. *see* Kalabukhova, E.N. 105227
Kiseleva, E.I. *see* Zakhidov, R.A. 81360
Kiseleva, E.I. *see* Zakhidov, R.A. 102528
Kiseliov, V.K. Method of polarization reflection matrix measurement in the submillimeter wave range 79660
Kiselyev, V.K. Quasi-optical homodyne method of measurement of polarization reflection matrix in the submillimeter wave range 68702
Kiselyev, V.K. Quasi-optical installation and technique for the measurement of backward scattering characteristic of radar target models in the submillimeter radio wave range 78984
Kiselyov, O., Fisher, P. Image compression with iterated function systems, finite automata and zerotrees: grand unification 86757
Kiselyov, S.S. *see* Ivanov, V.A. 98091
Kiseon Kim *see* Jeong-A Lee 87024
Kiser, R., Maersch, K., Pidaparti, R.M.V. Adaptive device design for a disabled person to operate a paper shredder 70257
Kish, F.A. *see* Hofler, G.E. 96019
Kishan, R. *see* Gupta, R. 72341
Kishek, R., Lau, Y.Y., Chernin, D., Gilgenbach, R.M. Interactions of multipactor and RF circuit 114493
Kishek, R., Lau, Y.Y., Gilgenbach, R.M. Temporal evolution of multipactor discharge 94169
Kishenko, Ya.J. *see* Grimalsky, V.V. 83336
Kishi, A. *see* Okabe, S. 102796
Kishi, K. *see* Itoh, M. 85529
Kishi, K. *see* Kondo, Y. 107264
Kishi, K. *see* Mawatari, H. 116551
Kishi, K. *see* Okamoto, H. 75919
Kishi, K. *see* Okamoto, H. 78888
Kishi, K. *see* Okamoto, H. 96432
Kishi, K. *see* Sugiura, H. 72752
Kishi, K. *see* Suzaki, Y. 88593
Kishi, K. *see* Yamada, T. 96403
Kishi, K. *see* Yumoto, H. 61155
Kishi, K. *see* Zamkotsian, F. 119195
Kishi, M., Hattori, N., Urabe, K. Application of the short time DFT correlator to the RAKE receiver for DS/SS communication system and its BER improvement effect 88325
Kishi, M., Inoue, T. A proposal of PSK-DOE and its BER characteristics 108115
Kishi, M., Kuno, T. Application of the analytic receiving and PSK-DOE to the 16 QAM and its characteristics on poor radio channels 117343
Kishi, M., Masuda, Y. A proposal of enhanced Remez algorithm and its BER improvement effect in $\pi/4$-shifted DQPSK communication system 118750
Kishi, M. *see* Rashid, A.B.M.H. 114824
Kishi, N., Tayama, K., Yamashita, E. Modal analysis of optical fibers with symmetrically distributed nonuniform cores 95692
Kishi, S. *see* Hasegawa, H. 73477
Kishi, T. *see* Asanuma, H. 100068
Kishi, T. *see* Inamori, H. 87588
Kishi, T. *see* Lee, Y.T. 113619
Kishi, T. *see* Mashino, S. 113517
Kishi, T. *see* Miura, T. 112280
Kishida, H., Honma, N., Kamikubo, H., Ehara, Y. Influence of roughness of electrode surface on ozone generation 114495
Kishida, H. *see* Ehara, Y. 95289
Kishida, H. *see* Urano, K. 64045
Kishida, K. *see* Yamaguchi, M. 113512
Kishida, S. *see* Fujimura, K. 108623
Kishida, S. *see* Shinzawa, T. 105740
Kishida, T., Terai, S., Koike, T., Masuda, T., Katok, T. Development of high-temperature superconducting current lead for SMES 70931
Kishida, T. *see* Harada, N. 103050
Kishida, T. *see* Kato, T. 91190
Kishikawa, A. The protection of superconducting magnets for Maglev 91901
Kishikawa, A. *see* Nemoto, K. 91866
Kishimoto, A. *see* Sang-Jin Jung 79599
Kishimoto, C. *see* Kikushima, K. 68489
Kishimoto, C. *see* Kikushima, K. 98909
Kishimoto, H. *see* Ninomiya 64569
Kishimoto, K. *see* Koyanagi, T. 61151
Kishimoto, M. *see* Tahara, M. 88687
Kishimoto, R. Agent communication transport network for agent communication services 77830
Kishimoto, R. Agent communication networks for multimedia communication services 78163
Kishimoto, R. Next-generation multimedia communication transport networks 78164
Kishimoto, R. Agent communication system based on agent-oriented architecture 78165

Kishimoto, R. Agent communication system for multimedia communication services 87929
Kishimoto, S. *see* Kobayashi, S. 63429
Kishimoto, S. *see* Okazaki, T. 110804
Kishimoto, T. *see* Takai, M. 61875
Kishimoto, T. *see* Takai, M. 73990
Kishimoto, T. *see* Takai, M. 83740
Kishimoto, T. *see* Tani, T. 91642
Kishimoto, T. *see* Tani, T. 112057
Kishimoto, T. *see* Yasuda, K. 88041
Kishimoto, W. A method for obtaining the maximum multiroute flows in a network 87500
Kishimoto, Y., Shiraki, Y., Fukatsu, S. Efficient carrier blocking by an attractive potential in strained $Si_{1-x}Ge_x/Si$ single quantum well 94492
Kishimoto, Y. *see* Ootani, W. 63541
Kishimura, Y. *see* Setoya, T. 112901
Kishinami, T. *see* Okamoto, H. 100326
Kishinevsky, M. *see* Cortadella, J. 83060
Kishino, F., Ebihara, K., Ohya, J. Virtual space teleconferencing–real-time detection and reproduction of 3D face and body images 87882
Kishino, F., Miyasato, T., Terashima, N. Virtual space teleconferencing "Communication with realistic sensations" 109179
Kishino, F. *see* De Silva, L.C. 78139
Kishino, F. *see* De Silva, L.C. 98810
Kishino, F. *see* Ebihara, K. 87155
Kishino, F. *see* Ebihara, K. 109180
Kishino, F. *see* Hata, K. 86642
Kishino, F. *see* Miyasato, T. 78128
Kishino, F. *see* Moubaraki, L. 109181
Kishino, F. *see* Omura, K. 100195
Kishino, F. *see* Sakaguchi, T. 87130
Kishino, F. *see* Shiwa, S. 89252
Kishino, K. *see* Asoh, J. 78104
Kishino, K. *see* Ichimura, Y. 75947
Kishino, K. *see* Kimura, H. 109188
Kishino, K. *see* Mori, M. 104059
Kishino, K. *see* Nomura, I. 74151
Kishino, K. *see* Nomura, I. 116520
Kishino, K. *see* Yoshida, J. 65235
Kishio, K. *see* Hong Zhang 106643
Kishio, S. *see* Fudou, H. 111609
Kishioka, K., Yamamoto, K. Optical filter utilizing the directional coupler composed of the K^+- and Ag^+-ion exchange waveguides 116099
Kishiro, J. *see* Saito, K. 96518
Kishiro, J. *see* Shiho, M. 96551
Kishiro, J. *see* Tokuchi, A. 91640
Kishiyama, K. *see* Holdener, F.R. 100432
Kishk, A.A. *see* Junker, G.P. 66048
Kishk, A.A. *see* Junker, G.P. 76556
Kishk, A.A. *see* Junker, G.P. 108021
Kishor, G.R., Mital, D.P., Goh, W.L. Invariant texture analysis based on attributes of texture elements 67150
Kishore, N. *see* Kundu, R.S. 104140
Kishore, R., Kumar, R., Arora, N.K., Singh, S.N. Screen printed titanium di-oxide antireflection coating on silicon solar cells 112414
Kisielowski, C., Calawa, A.R., Liliental-Weber, Z. The effect of excess gallium vacancies in low-temperature GaAs/AlAs/GaAs:Si heterostructures 83902
Kisielowski, C. *see* Gassmann, A. 103838
Kisielowski, C. *see* Ruvimov, S. 94338
Kisin, V.V., Voroshilov, S.A., Sysoev, V.V., Simakov, V.V. Three-electrode gas sensor 69363
Kising, M. *see* Nowotinick, M. 114436
Kisker, D.W. *see* Kash, J.A. 65394
Kisker, H., Kronmuller, H., Schaefer, H.-E., Suzuki, T. Magnetism and microstructure of nanocrystalline nickel 64290
Kisker, H. *see* Glijer, P. 115669
Kisletsov, A.V. *see* Prokhorov, A.M. 70216
Kislinger, G. *see* Steinhausen, C. 101201
Kislinskii, Yu.V., Zhao Bai-Ru, Wu Pei-Jun, Peng Zhi-Qiang, Chen Ying-Fei, Yang Tao, Chen Lie, Sun Ji-Jun, Wu Bo, Wu Fei, Zhou Yue-Liang, Li Lin, Zhao Zhong-Xian, Stepantsov, E.A. $YBa_2Cu_3O_7$ bicrystal Josephson junctions and dc SQUIDs 84909
Kislinskii, Yu.V. *see* Zhgoon, S.A. 62300
Ksliuk, A. *see* Mamedov, S. 84162
Kislov, V.V. *see* Devyatkov, N.D. 110881
Kislov, V.Ya. *see* Devyatkov, N.D. 110881
Kislovski, A.S. Relative incremental permeability of soft ferrites as a function of the magnetic field H: an analytic approximation 115594
Kislovski, A.S. *see* Redl, R. 71416
Kislyakov, A.G. *see* Shkelev, E.I. 80646
Kislyakov, G.A. *see* Kalinin, A.V. 68821
Kiss, A.Z. *see* Rajta, I. 100383
Kiss, C.I., Csillag, P., Boroczky, L., Fazekas, K. Unsupervised texture segmentation using wavelet decomposition 98288
Kiss, G.D. *see* Gebizlioglu, O.S. 88460
Kiss, I. *see* Bareith, A. 71050
Kiss, L. Computer simulation for electrostatic lenses by using piecewise polynomials 96964
Kiss, L. *see* Coulson, D. 75466
Kiss, T., Enpuku, K., Matsumura, T., Iriyama, Y., Nakamura, T., Takeo, M. Laser deposition of $Y_1Ba_2Cu_3O_{7-\delta}$-$SrTiO_3$-$Y_1Ba_2Cu_3O_{7-\delta}$ multilayers utilizing the 4th harmonics of Nd:YAG pulse laser 113424
Kiss, T. *see* Paul, H. 89095
Kiss, T. *see* Yoshida, K. 64530
Kiss, T. *see* Yoshida, K. 115888
Kiss, Z.J. *see* Delahoy, A.E. 112333
Kissa, K. *see* Koziarz, N.A. 119154
Kissa, K.M., Ade, R.W., Winslow, M.E., Fritz, D.J., Jackel, J.L. Temperature stable operation of a passband-flattened acousto-optic tunable filter 85239
Kissa, K.M. *see* Jackel, J.L. 78891
Kissaka, M. *see* Markarian, G. 76770
Kissel, T.M. *see* Feggeler, J.C. 88591
Kissell, T.M. *see* Feggeler, J.C. 78683
Kissick, M. *see* Conrad, J.R. 63249
Kissick, M.W., Blanchard, J.P., Callen, J.D., Conrad, J.R., Malik, S., Sridharan, K. Comprehensive modeling of plasma source ion implantation 63248
Kissinger, W. *see* Schoisswohl, M. 94440
Kissinger, W. *see* Tang, Y.S. 63001
Kission, P., Jerraya, A.A. High level specification in electronic design 61552
Kission, P. *see* Berrebi, E. 87000
Kission, P. *see* Pirmez, L. 113827
Kissock, P.S., Pritchard, D.A. A proposed protocol for remote control of automated assessment devices 118156
Kistenev, E. *see* David, G. 80077
Kistenev, E. *see* David, G. 100863
Kistenev, E.P. *see* Belikov, S.V. 120187
Kistenev, Yu.V., Shapovalov, A.V. Absorption properties of resonant multifractal structures 65864
Kisting, S.R. *see* Strandjord, A.J.G. 83669
Kistner, W. Optimizing use of the FMEA 103520
Kiszonas, M. *see* Duerinckx, A.J. 111006
Kit Lam Wai *see* Wai Kit Lam
Kita, A., Ozawa, M., Gutleben, C.D. XPS analysis of chemically etched II-VI semiconductor surfaces 105706
Kita, A. *see* Hayashi, T. 83124
Kita, A. *see* Ogihara, H. 73331
Kita, E., Kamiya, N., Ikeda, Y. A new boundary-type scheme for sensitivity analysis using Trefftz formulation 61094
Kita, E., Kaniya, N., Ikeda, Y. Sensitivity analysis scheme based on Galerkin-Trefftz method 61089
Kita, E., Komiya, N., Ikeda, Y. Sensitivity analysis of two-dimensional potential problem by regular and singular-function Trefftz methods 61088
Kita, E., Shiozawa, K., Sasaki, Y., Iwamoto, Y., Tasaki, A., Tanimoto, H. Ni and NiFe nanocrystalline films prepared with gas-deposition method 113469
Kita, E., Yamamoto, J., Takahashi, K., Kuwabara, T., Bando, A. 400 MW adjustable speed pumped storage system for the Ohkawachi power plant 81350
Kita, E. *see* Kuwabara, T. 81355
Kita, H., Kato, A., Hasegawa, J., Nishiya, K.-I. Emergency control strategy for enhancing the transient stability based on the transient energy function method 80875
Kita, H. *see* Daeseok Rho 81048
Kita, H. *see* Kim, J. 80779
Kita, H. *see* Maekawa, K. 92555
Kita, H. *see* Tamaki, H. 60907
Kita, J. *see* Kobayashi, J. 95842
Kita, M. *see* Kato, H. 81657
Kita, N. *see* Kunkiyoshi, Y. 86687
Kita, N. *see* Miwa, S. 89450
Kita, T., Fujiwara, A., Nakayama, H., Nishino, T. Photocurrent anisotropy in compositional modulated superlattice of long-range ordered $Ga_{0.5}In_{0.5}P$ 62897
Kita, T., Yamashita, K., Nakayama, H., Nishino, T., Kondow, M., Minagawa, S. Optical transitions in long-range ordered AlInP 62857
Kita, T. *see* Ishitani, Y. 114766
Kita, T. *see* Yoneoka, M. 109572
Kita, Y. A registration method for rigid objects using repulsive force 98165
Kita Jun-Ichi *see* Jun-Ichi Kita
Kitabata, T., Naoi, Y., Nakamori, Y. Iron reduction with a new type bred resin at Fugen nuclear power station 102386
Kitabatake, M. Single phase 3C-SiC(001)/Si(001) growth by surface controlled epitaxy 103983
Kitabatake, M. 3C-SiC(001)/Si(001) interface formation by carbonization: simulations and experiments 103989
Kitabatake, M., Greene, J.E. Molecular dynamics and quasidynamic simulations of low-energy particle bombardment effects during vapour-phase crystal growth: 10–50 eV Si and In atoms incident on (2×1)-terminated Si(001) 61239
Kitabatake, M., Greene, J.E. Structure of 3×2, 5×2, and 7×2 reconstructed 3C-SiC(001) surfaces obtained during epitaxial growth: Molecular dynamics simulations 105221
Kitabatake, M., Kawasaki, T., Korechika, T. Heteroepitaxial growth of InSb(111) on Si(111) 113394
Kitabatake, M. *see* Deguchi, M. 84713
Kitabatake, M. *see* Jiang, N. 94233
Kitabatake, M. *see* Korechika, T. 122056
Kitabatake, M. *see* Yoshida, A. 94784
Kitabayashi, H. *see* Nakahata, H. 106448
Kitabayashi, S. *see* Takayanagi, T. 73424
Kitade, S., Fukuda, T., Osaka, K. Damage detection in composite laminates with embedded optical fibers 61478
Kitae Park *see* Jang-Mok Kim 121972
Kitagawa, A. *see* Qu, W.F. 74513
Kitagawa, K. *see* Nakamura, S. 70920
Kitagawa, K. *see* Yoshikawa, N. 115796
Kitagawa, M., Lee, S.T., Ichino, K., Kobayashi, H. Miscibility gap in $Zn_xSr_{1-x}S$, $Zn_xCa_{1-x}S$ and $Zn_xSr_{1-x}Se$ thin films 74193
Kitagawa, M. *see* Goto, M. 104087
Kitagawa, M. *see* Hara, T. 91209
Kitagawa, M. *see* Ishikawa, F. 101751
Kitagawa, M. *see* Kawahara, K. 102256
Kitagawa, M. *see* Sang Tae Lee 104158
Kitagawa, M. *see* Takahashi, N. 102179
Kitagawa, S. *see* Satow, T. 95514
Kitagawa, S. *see* Yamada, S. 102176
Kitagawa, T., Ota, K., Shima, N., Hayakawa, M., Dowden, R.L. Propagation characteristics of whistlers at mid latitude 65845
Kitagawa, T. *see* Abe, M. 64796
Kitagawa, T. *see* Hattori, K. 116434
Kitagawa, T. *see* Shima, N. 116893
Kitagawara, Y., Aihara, K., Oka, S., Takenaka, T. Evaluation of near-surface microdefects in Czochralski-Si wafers after a CMOS process by an infrared interference method 84570
Kitagawara, Y. *see* Hayamizu, Y. 83785
Kitaguchi, H., Kumakura, H., Togano, K. Anomaly in J_c-B hysteresis for Bi-2212/Ag composite tape in high field 64527
Kitaguchi, H., Kumakura, H., Togano, K., Tomita, N., Vallier, J.C. Anomaly in J_c-B hysteresis for Bi-2212/Ag tape around 19 T 84863
Kitaguchi, H., Miyai, H., Izumi, S., Kaihara, A. Silicon semiconductor detectors for various nuclear radiations 90153
Kitaguchi, H., Miyai, H., Izumi, S., Kaihara, A. Silicon semiconductor detectors for various nuclear radiations 100894
Kitaguchi, H. *see* Fukushima, K. 115957
Kitaguchi, H. *see* Hasegawa, T. 106729
Kitaguchi, H. *see* Okada, M. 75364
Kitaguchi, H. *see* Tomita, N. 64580
Kitaguchi, H. *see* Tomita, N. 84920
Kitahara, H., Ohsaki, H., Masada, E. Analysis of attractive force characteristics of an EMS Maglev system with high Tc conducting bulk 91903
Kitahara, H. *see* Kotera, H. 95356
Kitahara, H. *see* Notake, Y. 95135
Kitahara, H. *see* Tsujimura, T. 89268
Kitahara, J. Development of small and thin AGS watches 119895
Kitahara, T. *see* Ando, Y. 74119
Kitahara, T. *see* Ando, Y. 95227
Kitahara, T. *see* Shiga, T. 110816
Kitahara, Y. *see* Aoyama, E. 62486
Kitahara, Y. *see* Aoyama, E. 62487
Kitahashi, T. *see* Kakusho, K. 117902
Kitahata, T. *see* Matsuse, K. 121577
Kitai, A.H., Ouyang, X. Electroluminescence of Zn_2SiO_4:Mn thin-film phosphor 85270
Kitai, D. *see* Kusaka, H. 78832
Kitai, T. *see* Kikuchi, M. 106704
Kitajima, H., Kawakami, H. An algorithm for tracing out the fixed point manifold 73070
Kitajima, H., Kawakami, H. An algorithm tracing out the tangent bifurcation curves and its application to Duffing's equation 73077
Kitajima, H. *see* Aketa, Y. 93596
Kitajima, H. *see* Haseyama, M. 114116
Kitajima, H. *see* Kikuchi, M. 108691
Kitajima, K., Akimoto, K., Goto, R., Mori, Y., Goto, T., Miyauchi, A. Measurement of modulation frequency responses of semiconductor laser diodes with a frequency sweeper based on delayed self-heterodyne technique 65361
Kitajima, K. *see* Hirono, H. 112879
Kitajima, K. *see* Kawahara, K. 87353
Kitajima, M. *see* Kamioka, I. 114981
Kitajima, M. *see* Kawachi, G. 89388
Kitajima, S. *see* Gustavsson, M. 99821
Kitajima, S. *see* Tomaru, T. 89539
Kitajima, T. *see* Katagiri, A. 102603
Kitajima, Y. *see* Akimoto, K. 74220
Kitajima, Y. *see* Maruyama, T. 74157
Kitajimo, H. *see* Shiramizu, Y. 63382
Kitakami, M. *see* Ritthongpitak, T. 66298
Kitakami, M. *see* Ritthongpitak, T. 97439
Kitakami, O., Sakurai, T., Shimada, Y. High density recorded patterns observed by high-resolution Bitter scanning electron microscope method 75114
Kitamori, K. *see* Yamada, N. 63282
Kitamori, K. *see* Yamada, N. 63404
Kitamoto, Y., Abe, M., Naoe, M. Deposition of Co-Cr films with excellent c-axis orientation and uniform thickness for rigid disks using compact sputtering apparatus 113470
Kitamoto, Y., Abe, M., Naoe, M. Preparation of Co-Cr alloy/Ni-Zn ferrite double-layered films for perpendicular magnetic tape 115774
Kitamura, A. *see* Nakaji, K. 71694
Kitamura, A. *see* Okamoto, M. 71182
Kitamura, H., Kani, N., Kitamura, H. Digital RF modules for cable telephony 118273
Kitamura, H., Taniguchi, K., Sakamoto, H., Nishida, T. A new OS architecture for high performance communication over ATM networks: zero copy architecture 118427
Kitamura, H. *see* Kimura, S. 89636
Kitamura, H. *see* Kitamura, H. 118273
Kitamura, H. *see* Okabayashi, H. 115007
Kitamura, H. *see* Shinozaki, T. 68925
Kitamura, H. *see* Sugawara, A. 112151

Kitamura, H. *see* Tanaka, T. 89637
Kitamura, H. *see* Tanaka, T. 110493
Kitamura, H. *see* Taniguchi, K. 109235
Kitamura, K., Yusa, K. Development of 64 gray scale LCD drivers μPD16622/23/24/25 73175
Kitamura, K. *see* Furukawa, Y. 76217
Kitamura, K. *see* Hatanaka, Y. 113479
Kitamura, K. *see* Iida, H. 101321
Kitamura, K. *see* Ito, E. 101440
Kitamura, K. *see* Sunaga, T. 113975
Kitamura, K. *see* Wickramanayaka, S. 114658
Kitamura, M. Computer simulation of director profile in two dimensional electric field 85128
Kitamura, M., Meunier, B. A shape optimization method based on complex expressions of 2-dimensional magnetic fields 95384
Kitamura, M. *see* Ando, Y. 110810
Kitamura, M. *see* Fukuda, I. 85124
Kitamura, M. *see* Iizuka, M. 67416
Kitamura, M. *see* Iizuka, M. 86708
Kitamura, M. *see* Schur, R. 107278
Kitamura, M. *see* Stashans, A. 84096
Kitamura, M. *see* Tamanuki, T. 65230
Kitamura, M. *see* Wickramanayaka, S. 74290
Kitamura, N. *see* Kurata, K. 78800
Kitamura, S. *see* Itoh, K. 71245
Kitamura, S. *see* Itoh, K. 111894
Kitamura, S. *see* Kato, H. 86867
Kitamura, S. *see* Kawase, Y. 71252
Kitamura, S. *see* Matsubara, T. 102719
Kitamura, T., Geshiro, M., Sawa, S., Yamanaka, H. Design considerations on a guided-wave polarization splitter utilizing a bifurcating waveguide in a uniaxial anisotropic substrate 116098
Kitamura, T., Miyazawa, Y., Yoshimura, H. Carrier transport in titanyl phthalocyanine pigment dispersed in binder polymer 95955
Kitamura, T., Ohtani, R., Yamanaka, T., Yashiro, K. Atomic mechanics simulation on nucleation process of grain boundary groove in aluminum conductor of microelectronic packages 105733
Kitamura, T. *see* Geshiro, M. 64763
Kitamura, T. *see* Hara, T. 114825
Kitamura, T. *see* Ogiwara, H. 75298
Kitamura, Y. *see* Matsuo, Y. 102244
Kitani, I., Nishimoto, S., Arii, K. Surface potential on LDPE and PP films after removal of the upper disk electrode 64107
Kitani, I., Nishimoto, S., Arii, K. Surface potential on LDPE film due to residual charges 64134
Kitani, I. *see* Mukai, M. 64056
Kitani, I. *see* Takechi, K. 74995
Kitani, S. *see* Hasegawa, H. 81634
Kitano, A. *see* Akiyama, N. 89495
Kitano, H. *see* Hanatani, S. 64933
Kitano, H. *see* Saito, H. 70502
Kitano, T. *see* Kashiwa, T. 62356
Kitano, T. *see* Miyashita, M. 96051
Kitano, T. *see* Uedono, A. 63243
Kitano, Y. *see* Maeyama, T. 118759
Kitanoya, J., Sotani, J., Sasaki, T., Iwane, N., Kobayshi, K., Kikuti, H., Tanaka, S., Nanba, K., Kimura, Y. MPU cooling device for notebook PCs using micro heat pipes 112896
Kitao, K., Fukumura, M., Murata, T., Sekiguchi, H., Naoshima, T., Asano, H. NKK electrofusion fitting using INNOGAZ self-regulation system 82185
Kitaoka, N. *see* Kawahara, T. 97587
Kitaoka, Y., Mizuuchi, K., Yamamoto, K., Kato, M., Wang-Long Zhou, Sasaki, T. Compact SHG green lasers 96161
Kitaoka, Y., Sato, H., Mizuuchi, K., Yamamoto, K., Kato, M. Intensity noise of laser diodes with optical feedback 65279
Kitaoka, Y. *see* Zheng Guoqing 75322
Kitaori, N. *see* Endo, K. 95367
Kitatani, H. *see* Sakurai, Y. 64178
Kitatani, T., Yazawa, Y., Watahiki, S., Tamura, K., Minemura, J., Warabisako, T. Photocurrent and photoluminescence in InGaAs/GaAs multiple quantum well solar cells 112391
Kitatani, T. *see* Kondow, M. 103881
Kitatani, T. *see* Nakahara, K. 96401
Kitauchi, Y. *see* Taniguchi, H. 102632
Kitaura, Y. *see* Kawakyu, K. 88240
Kitawaki, N. An 8 kbit/s speech coding method (CS-ACELP) standardized by ITU 86126
Kitawaki, N. An 8-kbit/s speech coding method (CS-ACELP) standardized by ITU 97625
Kitaya, T. *see* Himeshima, I. 75239
Kitayama, K. Subcarrier-multiplexed signaling based add/drop multiplexer in optical FDM networks 68488
Kitayama, K. Subarrier multiplexing based signaling and access control in optical FDM networks 88521
Kitayama, K., Nakamura, M., Igasaki, Y., Kaneda, K. Image-fiber-optic space-CDMA for parallel image transmission: experiment 109637
Kitayama, K. *see* Mizukami, M. 68491
Kitayama, T. *see* Mizuochi, T. 78771
Kitayama, T. *see* Shimizu, K. 68518
Kitayama, Y., Kimura, A. Three dimensional measuring method used on particle of pulverized coal by the image processing system with microscope using laser beam 100334
Kitayama, Y. *see* Matsushita, H. 71953
Kitayama, Y. *see* Niiyama, S. 99585
Kitayama, Y. *see* Ota, H. 101937
Kitayoshi, A. *see* Koshijima, J. 90618
Kitazawa, H. *see* Onozawa, A. 83043
Kitazawa, K. *see* Hong Zhang 106643
Kitazawa, K. *see* Ishizaki, A. 100324
Kitazawa, T., Asai, Y., Matsuxawa, Y., Kubo, A., Hirota, S., Higuchi, T., Suzuki, K. A 9.5-in. TFT-LCD with an ultra-high-aperture-ratio pixel structure 89256
Kitazawa, T. *see* Irvin, M. 113981
Kitazima, I. *see* Kaseya, H. 65156
Kitazume, H. *see* Koike, A. 67513
Kitchen, L., Tak-Keung Cheng, Zhi-Qiang Liu Real-time vision is NOT frame-rate image analysis 86690
Kitchen, L. *see* Tak-Keung Cheng 86639
Kitchen, R. *see* Paliwal, B.R. 120505
Kitchin, C. *see* Horton, M. 79325
Kitchin, R.H. *see* Osborne, M.M. 102058
Kitely, I. *see* Pidduck, A.J. 95839
Kithcart, V. *see* Robles, S. 61334
Kithcart, V. *see* Robles, S. 63456
Kithsiri, B.A.J. *see* Alahakoon, U.S.K. 91906
Kitis, G., Charalambous, S., Tuyn, J.W.N. The dose response function of α-Al$_2$O$_3$:C under isothermal decay conditions 101464
Kitis, G. *see* Charitidis, C. 106954
Kitler, J. *see* Palmer, P.L. 67411
Kito, M., Kimura, S., Otsuka, N., Fujihara, K., Ishino, M., Matsui, Y. High output power operation of 1.3-μm strained MQW lasers with low threshold currents at high temperature 65229
Kito, M., Otsuka, N., Nakamura, S., Ishino, M., Matsui, Y. High-power, wide-temperature range operation of 1.3-μm complex-coupled DFB lasers with automatically buried absorptive grating 65368
Kito, M., Otsuka, N., Nakamura, S., Ishino, M., Matsui, Y. High-power, wide-temperature range operation of 1.3-μm gain-coupled DFB lasers with automatically buried InAsP absorptive grating 107313
Kito, M. *see* Fujimaki, A. 115921
Kito, M. *see* Otsuka, N. 65221
Kito, M. *see* Otsuka, N. 76005
Kito, Y. *see* Ichiyanagi, K. 81338
Kito, Y. *see* Kato, T. 121085
Kito, Y. *see* Shimizu, H. 102269
Kito, Y. *see* Tang, Y.J. 64520
Kito, Y. *see* Yokomizu, Y. 64069
Kito, Y. *see* Yue-Jin Tang 71383
Kitoh, T. *see* Horikawa, K. 75558
Kitoh, T. *see* Jinguji, K. 119193
Kitoh, T. *see* Kawanishi, S. 68376
Kitoh, T. *see* Kawanishi, S. 88647
Kitoh, T. *see* Toba, H. 78723
Kitovich, V.V. Molecular electron memory module 95659
Kitsios, K., Spanias, A., Welfert, B., Loizou, P. An adaptive modified covariance algorithm for spectral analysis 117478
Kitson, F.L. *see* Armitano, R. 87216
Kitson, F.L. *see* Armitano, R.M. 86576
Kitsukawa, G. *see* Nakamura, M. 104543
Kitsuki, T. *see* Taniguchi, A. 76781
Kitsuta, K., Gilanyi, A., Uesaka, M., Miya, K., Aoki, K., Takahashi, A. Flexible microloop magnetic sensor array for intelligent nondestructive eddy current testing [of PWR steam generator tubes] 113586
Kitta, T. *see* Ikeda, H. 69863
Kitta, T. *see* Ikeda, H. 100804
Kittel, L. Polynomial representation of burst error statistics 66329
Kittelmann, O., Ringling, J., Korn, G., Nazarkin, A., Hertel, I.V. Generation of broadly tunable femtosecond vacuum-ultraviolet pulses 96661
Kittelmann, O. *see* Ringling, J. 96723
Kittler, J. *see* Bober, M. 86841
Kittler, J. *see* Bosdogianni, P. 120737
Kittler, J. *see* Hojjatoleslami, S.A. 80329
Kittler, J. *see* Papachristou, P. 86821
Kittler, J. *see* Song, K.Y. 108671
Kittler, R. *see* Ling, Z.-M. 60571
Kittredge, B.J. *see* Yeh, S.Y. 78142
Kityk, I.V. *see* Golis, E. 107597
Kityk, I.V. *see* Mervinski, R.I. 76239
Kityk, J. *see* Kravchuk, V. 85158
Kitzerow, H.-S., Strauss, J., Jain, S.C. Polymer-dispersed liquid crystals: Holographic formation of switchable gratings 96810
Kitzerow, H.-S. *see* Strauss, J. 95841
Kiuchi, H., Sekido, M., Nakajima, J., Kaneko, A., Imae, M. Crustal deformation monitoring system for the Tokyo metropolitan area. VLBI system for Key Stone Project. Observation system for KSP–data acquisition system 101524
Kiuchi, H., Takahashi, Y., Kondo, T., Sekido, M., Nakajima, J., Imae, M., Hama, S. Crustal deformation monitoring system for the Tokyo metropolitan area. VLBI system for Key Stone Project. Data processing system. Correlation processing system 93493
Kiuchi, H. *see* Hama, S. 101530
Kiuchi, H. *see* Hanado, Y. 101525
Kiuchi, H. *see* Imae, M. 101522
Kiuchi, H. *see* Kaneko, A. 101543
Kiuchi, H. *see* Kondo, T. 101532
Kiuchi, H. *see* Sekido, M. 101531
Kiuchi, H. *see* Watanabe, Y. 98629
Kiuchi, M., Otabe, E.S., Matsushita, T., Kato, T., Hikata, T., Sato, K. Pinning-force density of superconducting Bi–2223 tape wires 75321
Kiuchi, M., Sakaguchi, K., Otabe, E.S., Matsushita, T., Kato, T., Hikata, T., Sato, K. Scaling law of pinning force density in Bi-2223 superconducting tape wires 75340
Kiuchi, M. *see* Mimura, Y. 75678
Kivelson, M.G. *see* Khurana, K.K. 111228
Kiver, A., Komarov, V., Mirzoev, K., Terekhov, V., Vasilevsky, A. Pressure measurement for the UNK-1 vacuum system 100389
Kivi, M. *see* Xiao-Jie Yuan 63663
Kivi, M.J., Taylor, S. Effects of oxide field during SHE injection as studied by three level charge pumping 105983
Kivi, M.J., Taylor, S., Lipkin, L.A. Characterisation of silicon carbide MOSFETs using Three Level Charge Pumping 84381
Kivilahti, J. *see* Savolainen, P. 62508
Kivilahti, J. *see* Savolainen, P. 114457
Kivshar, Y.S., Afanasjev, V.V. Drift instability of dark solitons in saturable media 96660
Kivshar, Y.S., Afanasjev, V.V., Pelinovsky, D.E. Nonlinear theory of soliton instabilities 76136
Kivshar, Y.S. *see* Buryak, A.V. 76135
Kivshar, Y.S. *see* Krolikowski, W. 65491
Kivshar, Y.S. *see* Micallef, R.W. 76140
Kivshar, Y.S. *see* Pelinovsky, D.E. 107587
Kivshar, Y.S. *see* Tikhonenko, V. 76134
Kivshar, Y.S. *see* Tikhonenko, V. 96658
Kivva, F.V. *see* Omel'chenko, A.V. 67180
Kiwiel, K.C. Restricted step and Levenberg-Marquardt techniques in proximal bundle methods for nonconvex nondifferentiable optimization 103696
Kiya, H., Kobayashi, H. Oversampled filter banks based on polyphase submatrices 114085
Kiya, H. *see* Iwahashi, M. 97476
Kiya, H. *see* Matsubara, K. 73554
Kiya, H. *see* Muramatsu, S. 117853
Kiya, H. *see* Sakane, H. 77049
Kiya, H. *see* Toguchi, K. 117449
Kiya, P. *see* Iwahashi, M. 98302
Kiyama, J., Itoh, Y., Oka, R. Topic-independent speech summary and automatic topic boundary detection using incremental reference interval-free continuous dynamic programming 108222
Kiyama, J. *see* Itoh, Y. 108223
Kiyama, S. *see* Kuramoto, K. 113481
Kiyanagi, Y. *see* Kobayashi, H. 110504
Kiyohara, J., Kawabata, T. A note on Lempel-Ziv-Yokoo algorithm 117175
Kiyohara, Y. *see* Abe, H. 85633
Kiyohara, Y. *see* Maeda, M. 84208
Kiyohiro, N. *see* Kotani, S. 77098
Kiyokawa, M., Matsui, T. K band Gaussian beam oscillator 62330
Kiyokawa, M. *see* Matsui, T. 85983
Kiyoku, H. *see* Nakamura, S. 75914
Kiyoku, H. *see* Nakamura, S. 107293
Kiyoku, H. *see* Nakamura, S. 107296
Kiyokura, T. *see* Oshima, M. 82573
Kiyono, K. *see* Kurota, G. 114351
Kiyono, S., Ge, Z., Nishino, Y. Improvement of interferometer accuracy with self-calibration of phase interpolation error 69542
Kiyono, S., Sun, P., Ohe, A. Analysis of overshooting phenomena in profile measurement by optical stylus sensor 69496
Kiyono, S. *see* Yuchi Lin 100329
Kiyono, S. *see* Zhang, S. 89496
Kiyoshi, T., Kosuge, M., Inoue, K., Maeda, H. Generation of magnetic fields over 21 T in a 61 mm clear bore using low copper ratio (Nb,Ti)$_3$Sn conductors 95530
Kiyoshi, T. *see* Fukushima, K. 115957
Kiyoshi, T. *see* Hanai, S. 96975
Kiyoshi, T. *see* Inoue, K. 96969
Kiyoshi, T. *see* Okada, M. 75364
Kiyoshi, T. *see* Okada, M. 75365
Kiyoshi, T. *see* Tezuka, M. 96976
Kiyosumi, T. *see* Takada, M. 68963
Kiyota, Y., Nakamura, T., Suzuki, S., Inada, T. Shallow p-type layers in Si by rapid vapor-phase doping for high-speed bipolar and MOS applications 63263
Kiyota, Y. *see* Oda, K. 94773
Kiyota, Y. *see* Shiba, T. 106244
Kiyotsukuri, T. *see* Tsutsumi, N. 85648
Kiyoung Choi *see* KiJong Lee 61865
Kiyuna, T. *see* Tomobe, K. 104517
Kizaki, Y. *see* Mori, M. 114470
Kiziloglu, K. *see* Parikh, P.A. 84611
Kizilyalli, I.C., Lytle, S.A., Jones, B.R., Martin, E.P., Shive, S.F., Brooks, A.L., Thoma, M.J., Schanzer, R.W., Sniegowski, J.W., Wroge, D.M., Key, R.W., Kearney, J.W., Stiles, K.R. A very high performance and manufacturable 3.3 V 0.35-μm CMOS technology for ASICs 106227
Kizilyalli, I.C., Rich, T.L., Stevie, F.A., Rafferty, C.S. Diffusion parameters of indium for silicon process modeling 114875
Kizilyalli, I.C. *see* Lyding, J.W. 63654
Kiziyama, T. *see* Masui, N. 109190
Kizler, A. Evolution in motor construction. ROTEC–progressive motors for drive converter operation from 0.5 kW to 300 kW 81951
Kizu, T., Araki, T., Kashiwabara, T. An algorithm for a maximum clique of the intersection graph of isooriented rectangles on a cylinder 103650

Kjaer, J., Skou, E. Coulometric titration investigation of oxygen transport kinetics in compressed ceramics 81790
Kjaer, N. *see* Adam, W. 69709
Kjaer, N. *see* Adam, W. 69732
Kjaer, N. *see* Apeldoorn, G. 69713
Kjaer, P.C. *see* Gribble, J.J. 121466
Kjebon, O., Schatz, R., Lourdudoss, S., Nilsson, S., Stalnacke, B. Modulation response measurements and evaluation of MQW InGaAsP lasers of various designs 107236
Kjeldsen, P.M., Obro, M., Madsen, J.S., Nielsen, S.K. SRS induced depletion of 1540 nm signal co-propagating with 1630 nm OTDR pulses 119140
Kjesbu, S. Digital communications in advanced safety systems for trains 91847
Kjode, S. *see* Gulsrud, T.O. 90339
Klaas, K. *see* Chen, J.W. 114803
Klaas, K. *see* Irsigler, R. 120139
Klaassen, A. *see* Guttich, U. 83445
Klaassen, A. *see* Guttich, U. 83465
Klaassen, A. *see* Guttich, U. 93914
Klaassen, D.B.M. *see* Kloosterman, W.J. 63621
Klaassen, D.B.M. *see* Velghe, R.M.D.A. 84545
Klaassen, E. *see* Logan, J. 64002
Klaassen, E.H., Petersen, K., Noworolski, J.M., Logan, J., Maluf, N.I., Brown, J., Storment, C., McCulley, W., Kovacs, G.T.A. Silicon fusion bonding and deep reactive ion etching: a new technology for microstructures 84625
Klaassen, E.H., Reay, R.J., Kovacs, G.T.A. Diode-based thermal r.m.s. converter with on-chip circuitry fabricated using CMOS technology [and post-process micromachining] 83276
Klaassen, F.M. *see* Otten, J.A.M. 84417
Klaassen, F.M. *see* Otten, J.A.M. 105956
Klaassen, K.B., Hirko, R.G. Nonlinear, eddy current damped, thin-film write head model 115659
Klaassen, K.B. *see* Chiu, A. 106599
Klaassen, T.O. *see* Planken, P.C.M. 62746
Klabunde, F. *see* Drusedau, T.P. 94588
Klabunde, J. *see* Bessler, U. 100748
Klabunde, K. *see* Abramowski, S. 98888
Kladas, A.G., Manias, S.N., Tegopoulos, J.A. Electrical vehicle drive control based on finite element induction motor model 103138
Kladas, A.G., Tegopoulos, J.A. 3D eddy currents modelling by using a particular two component technique 76344
Kladas, A.G., Tegopoulos, J.A. 3D eddy currents modelling by means of a particular reduced scalar potential technique 112148
Kladas, A.G. *see* Georges, L.R. 71830
Kladkevich, M.D., Samoilov, V.B., Shchedrina, L.V. Imaging devices based on pyroelectric radiation detector arrays 119730
Klad'ko, V.P. *see* Semenova, G.N. 103887
Klages, C.-P. *see* Jiang, X. 72826
Klages, S. AOI moves to next level 60674
Klajn, A., Datczuk, A. Investigation of the vacuum arc at the instant the current is forcedly broken 121789
Klaka, H. *see* Croonenbrock, R. 71151
Klamra, W. *see* Moszynski, M. 69830
Klamra, W. *see* Moszynski, M. 80054
Klamra, W. *see* Moszynski, M. 101039
Klanderman, G. *see* Grimson, W.E.L. 77320
Klank, R. *see* Gibson, G.N. 96177
Klank, R. *see* Gibson, G.N. 116447
Klann, R. *see* Bertram, D. 63048
Klann, R. *see* Bertru, N. 114758
Klann, R. *see* Grahn, H.T. 62855
Klann, R. *see* Ramsteiner, M. 62994
Klann, R. *see* Yaohui Zhang 94522
Klapdor-Kleingrothaus, H.V. *see* Hellmig, J. 80102
Klappenecker, A., Beth, T. Galois theory and wavelet transforms 66735
Klapper, A. Large families of sequences with near-optimal correlations and large linear span 76794
Klapper, A. On the existence of secure feedback registers 76831
Klapuri, H. *see* Heikkinen, J. 104946
Klapuri, H. *see* Heikkinen, J. 113011
Klapwijk, T.M. *see* Dieleman, P. 84910
Klapwijk, T.M. *see* Garten, F. 75752
Klapwijk, T.M. *see* Nitta, J. 105257
Klapwijk, T.M. *see* Schlatmann, A.R. 107008
Klapwijk, T.M. *see* van de Stadt, H. 79097
Klar, H. *see* Green, J.-M. 61734
Klar, H. *see* Schlussler, J.-U. 62115
Klarlund, N., Nielsen, M., Sunesen, K. Automated logical verification based on trace abstractions 98480
Klarmann, R., Schreck, M., Hessmer, R., Stritzker, B. AFM study on the non-monotonic texture evolution of heteroepitaxially nucleated diamond films 72827
Klartzis, S.J. *see* Bakirtzis, A.G. 70792
Klason, C. *see* Ponomarenko, A.T. 104201
Klassen, S.E. *see* Levy, S.C. 81675
Klatskin, J. *see* Katz, A. 73765
Klatt, C. *see* Hartmann, B. 100753
Klatt, J. *see* Nilsson, S. 114757
Klatt, J. *see* Zeindl, H.P. 114733
Klaubert, H. *see* Moore, D.F. 74918
Klaucke, R. *see* Jolda, J. 71607
Klaus, F. *see* Xu, Z. 79344
Klaus, W., Shinomori, S., Ide, M., Tsuchiya, M., Kamiya, T. Efficient beam deflector with a blazed liquid crystal phase grating 85130
Klausing, H. *see* Kreitmair-Steck, W. 79002
Klausmeyer, U., Ruberg, J. Electric trace heating for pipelines for use in potentially explosive atmospheres: technology and certification 112636
Klawan, D. *see* Rauscher, R. 106181
Klebanov, M. *see* Eisenberg, N.P. 95912
Kleber, X. *see* Gusev, G.M. 63032
Kleber, X. *see* Gusev, G.M. 74426
Kleckner, M., Ron, A., Botton, M. Van der Pol model of a Cherenkov maser 96075
Kledal, J.D. *see* Sorensen, P. 91408
Klee, B. *see* Rolz, L. 90531
Klee, M.M. Patent law trumps trademark law [Vornado electric fan] 82135
Klee, V. *see* Aigner, R. 119775
Kleefeld, J. *see* Kuo, C.Y. 78814
Kleeman, L. *see* Akbarally, H. 77529
Kleest, D. *see* Hertel, G. 91863
Kleev, A.I., Manenkov, A.B. New method for the numerical analysis of the quasi-optical resonators 97270
Kleeven, W. *see* Jongen, Y. 101424
Klefborn, S., Shier, W. Loss-of-coolant-accident analysis for the Ignalina RBMK-1500 nuclear power plant 81265
Kleffmann, J. *see* Wiesen, P. 70524
Kleffner, C.-M., Auch, S., Grieser, M., Habs, D., Kossler, V., Madert, M., Repnow, R., Schwalm, D., Deitinghoff, H., Schempp, A., Jaeschke, E., von Hahn, R., Papureanu, S. Progress of the Heidelberg high current injector 89724
Klehmet, U. Models for parameter optimization of timed token rotation protocols 87475
Klehr, A., Muller, R., Enders, P. Influence of an external mechanical force on light emission from strained 1.3 μm semiconductor lasers: polarization switching and mode spectra 107353
Klehr, A. *see* Lienau, Ch. 116541
Klehr, F. *see* Brauksiepe, S. 100815
Kleiber, M. *see* Nowicki, A. 110800
Kleider, J.P. *see* Dayoub, F. 94609
Kleider, J.P. *see* Longeaud, C. 85254
Kleider, J.P. *see* Rolland, A. 105967
Kleijn, C.R. *see* Kuijlaars, K.J. 63890
Kleijn, W.B., Hagen, R. On memoryless quantization in speech coding 97582
Kleimann, A., Bosiers, J., Schaeffer, C. A 2/3″ 1k*1k FT-CCD imager with high charge-handling capacity by use of the P^2-CCD principle 89164
Klein, A., Kaleh, G.K., Baier, P.W. Zero forcing and minimum mean-square-error equalization for multiuser detection in code-division multiple-access channels 67552
Klein, A., Mohr, W., Thomas, R., Weber, P., Wirth, B. Direction-of-arrival of partial waves in wideband mobile radio channels for intelligent antenna concepts 116882
Klein, A., Steiner, B., Steil, A. Known and novel diversity approaches in a JD-CDMA system concept developed within COST 231 99158
Klein, A. *see* Lang, O. 114767
Klein, A. *see* Ressel, P. 114813
Klein, A. *see* Smith, E.F., III 62411
Klein, A.C. *see* Dickinson, J.W. 71721
Klein, A.C. *see* Lee, H.H. 90715
Klein, A.G. *see* Cimmino, A. 70122
Klein, B.M. *see* Zhu-Pei Shi 64362
Klein, C.T. *see* Klumperink, E.A.M. 61693
Klein, D.L., McEuen, P.L., Bowen Katari, J.E., Roth, R., Alivisatos, A.P. An approach to electrical studies of single nanocrystals 63089
Klein, E.E., Low, D.A., Maag, D., Purdy, J.A. A quality assurance program for ancillary high technology devices on a dual-energy accelerator 90577
Klein, E.E. *see* Low, D.A. 70198
Klein, E.E. *see* Meigooni, A.S. 80456
Klein, F.J.de *see* de Klein, F.J.
Klein, G.J., Teng, X., Reutter, B.W., Huesman, R.H., Jagust, W.J., Budinger, T.F. A 3D navigational environment for specifying positron emission tomography volumes-of-interest 90447
Klein, G.J. *see* Huesman, R.H. 90368
Klein, H. *see* Dohlus, M. 89660
Klein, H. *see* Hofmann, I. 69647
Klein, H. *see* Krietenstein, B. 89661
Klein, H.W. The EPAC architecture: an expert cell approach to field programmable analog devices 62080
Klein, J. *see* Guckel, H. 91558
Klein, J. *see* Guckel, H. 106265
Klein, J. *see* Massoud-Ansari, S. 74945
Klein, J. *see* Zugge, H. 119736
Klein, J.W. Silicon and gallium arsenide in high temperature electronics applications 84280
Klein, L. *see* Jonas, K. 118488
Klein, L.C. *see* Wojcik, A.B. 84977
Klein, M. Electric power transmission in a conducting channel due to powerful laser ionization in the atmosphere? 70812
Klein, M. *see* Baccelli, F. 67606
Klein, M. *see* Lehmann, L. 71122
Klein, M. *see* Takayanagi, T. 73424
Klein, M.B. *see* Pepper, D.M. 103478
Klein, M.V. *see* Feng Gao 73740
Klein, N., Scholen, A., Tellmann, N., Zuccaro, C., Urban, K.W. Properties and applications of HTS-shielded dielectric resonators: a state-of-the-art report 93699
Klein, P., Hoffmann, K., Kowarik, O. An EEPROM compact circuit model 113950
Klein, P., Hsueh-I Lu Efficient approximation algorithms for semidefinite programs arising from MAX CUT and COLORING 92511
Klein, P. *see* Cesura, G. 110581
Klein, P.B. *see* Andry, P.S. 82642
Klein, P.B. *see* Bhargava, R.N. 62713
Klein, P.M. Advanced system software architecture for a multi-algorithm, rate adaptive audio/voice codec 98940
Klein, R., Varanasi, M., Dunning, L. A systematic (16, 8) code for correcting double errors, and detecting random triple errors 108137
Klein, R. *see* Knoche, T. 85063
Klein, S. *see* Baker, D. 87582
Klein, S.A., Hu, Q.J., Carney, T. The adjacent pixel nonlinearity: problems and solutions 119799
Klein, S.A. *see* Carney, T. 108538
Klein, S.A. *see* Hu, Q.J. 89364
Klein, S.R., Barale, P., Beuville, E., Bieser, F., Dao, K., Kleinfelder, S., Lindenstruth, V., Lisa, M.A., McParland, C., Noggle, T., Ritter, H.G., Vu, C., Wieman, H., Aluyshin, A., Aluyshin, M. Front end electronics for the STAR TPC 90223
Klein, S.R., Barale, P., Beuville, E., Bieser, F., Dao, K., Kleinfelder, S., Lindenstruth, V., Lisa, M.A., McParland, C., Noggle, T., Ritter, H.G., Vu, C., Wieman, H., Aluyshin, A., Aluyshin, M. Front end electronics for the STAR TPC 100976
Klein, S.R. *see* Beuville, E. 90203
Klein, S.R. *see* Beuville, E. 100968
Klein, U., Mack, K.-H. CLEANing of multi-beam data 68815
Klein, U. *see* Boheim, M. 62305
Klein, W. Electrification of the line Marbach (Neckar)-Backnang-Crailsheim 112484
Klein, W. *see* Chertouk, M. 62299
Klein, W. *see* Leitenstorfer, A. 62762
Klein, W. *see* Schmeller, A. 62920
Klein, W.A. *see* Ziegler, J.F. 72394
Klein, W.B. *see* Westervelt, R.T. 89922
Klein, W.P., Barrett, H.H., Pang, I.W., Patton, D.D., Rogulski, M.M., Sain, J.D., Smith, W.E. FAST-SPECT: electrical and mechanical design of a high-resolution dynamic SPECT imager 101094
Kleinberg, J. *see* Aggarwal, A. 95162
Kleinberg, J. *see* Borodin, A. 98381
Kleine, G. TV reception with analog and digital sound from outer space 88820
Kleine, H. *see* Kleine, R. 115843
Kleine, R., Kleine, H. Electrostrips and their properties in magnetic cores 115843
Kleine, U. *see* Nebel, G. 73107
Kleine, U. *see* Wolf, M. 74790
Kleineberg, T. *see* Kronberg, M. 104319
Kleinefeld, T., Figge, M., Thels-Brohl, K., Scheidt, R., Zeidler, T., Mathieu, C., Hillebrands, B. Domain structure and anisotropy of exchange coupled Co/Cr/Fe multilayers 64353
Kleinefeld, T., Heimel, J., Weller, D. Coercivity mechanism in CoPt alloy films with perpendicular magnetic anisotropy 64226
Kleinefeld, T. *see* Valentin, J. 64299
Kleiner, F., Neeser, G. High-rating, variable-speed drives for natural gas storage with 38 MW at 4200 RPM 71964
Kleiner, M.B., Kuhn, S.A., Weber, W. Thermal conductivity of thin silicon dioxide films in integrated circuits 89548
Kleiner, M.B., Kuhn, S.A., Weber, W. Thermal conductivity measurements of thin silicon dioxide films in integrated circuits 105724
Kleiner, R. *see* Clarke, J. 64548
Kleiner, R. *see* Ludwig, F. 64554
Kleinermann, K., Avis, N.J. Forward and inverse problem solutions for three dimensional electrical impedance tomography 101360
Kleinfelder, S. *see* Klein, S.R. 90223
Kleinfelder, S. *see* Klein, S.R. 100976
Kleinhans, C.E., Harley, R.G., Diana, G., McCulloch, M.D., Landy, C.F. The application of CASED as a research, design and educational toolbox for drives 103083
Kleinlein, W. *see* Lowrie, F.L. 81782
Kleinman, B., Cox, B. A high-speed RISC CPU using the QL16×24 FPGA 61745
Kleinman, H. *see* Abramovich, A. 96078
Kleinman, H. *see* Arensburg, A. 96443
Kleinman, H. *see* Cohen, M. 96453
Kleinman, I.A. *see* Belov, V.V. 104172
Kleinman, R.E. *see* Christiansen, S. 107868
Kleinman, R.E. *see* Feistauer, M. 61108
Kleinpenning, T.G.M. *see* Markus, H.A.W. 63591
Kleinrock, L., Gerla, M., Bambos, N., Gong, J., Gafni, E., Bergman, L., Bannister, J., Monacos, S.P., Bujewski, T., I-In, P., Kannan, B., Kwan, B., Leonardi, E., Peck, J., Palnati, P. The Supercomputer Supernet testbed: a WDM-based supercomputer interconnect 78920
Kleinrock, L. *see* Bambos, N. 98637
Kleinrock, L. *see* Jain, R. 87669
Kleinrock, L. *see* Kolias, C. 108780
Kleiss, J.A. Assessing the perceived structure of flight simulator visual scenes using multidimensional scaling 120589

Kleitz, M., Dessemond, L., Kloidt, T., Steil, M.C. Space expansions of the regular oxygen electrode reaction on YSZ. II. Silver electrodes 81803
Klem, J. *see* Dehning, B. 79949
Klem, J.F. *see* Blum, O. 74575
Klem, J.F. *see* Harff, N.E. 62955
Klem, J.F. *see* Lyo, S.K. 74416
Klem, J.F. *see* Smith, R.E. 85066
Klem, J.F. *see* Zolper, J.C. 105549
Kleman, K.J. A bunch lengthening RF cavity for Aladdin 100680
Klemberg-Sapieha, J.E., Martinu, L., Wertheimer, M.R., Gunther, P., Schellin, R., Thielemann, C., Sessler, G.M. Plasma deposition of low-stress electret films for electroacoustic and solar cell applications 113437
Klemberg-Sapieha, J.E. *see* Poitras, D. 113476
Klemchuk, P. *see* Holley, W.H. 112388
Klement, E.P., Mesiar, R., Pap, E. On the relationship of associative compensatory operators to triangular norms and conorms 82423
Klement, U. *see* Schafer, R. 115509
Klement'ev, V.M. *see* Bagaev, S.N. 116349
Klement'ev, V.M. *see* Zakhar'yash, V.F. 85380
Klementov, A. *see* Smirnov, A. 85127
Klementyev, V.M. *see* Bagayev, S.N. 96113
Klemenz, C., Scheel, H.J. Flat $YBa_2Cu_3O_{7-x}$ layers for planar tunnel-device technology 103965
Klemer, D.P. *see* Ko-Ming Shih 63797
Klemic, G.A., Azziz, N., Marino, S.A. The neutron response of Al_2O_3:C, ^{7}LiF:Mg,Cu,P, and ^{7}LiF:Mg,Ti TLDs 101463
Klemic, J.F., Sirota, J.M., Mehregany, M. Fabrication issues in micromachined tunable optical filters 75666
Klemm, R. Effect of multiple-time around clutter on adaptive spaceborne MTI radar 68575
Klemmer, T. *see* Varga, L. 115477
Klemmer, T.J., Pirkle, B.H., Hossain, S.A., Fujiwara, H., Parker, M.R. Magnetic permeability measurements in GMR multilayers with extra-thick magnetic layers 115639
Klempt, W. *see* Antinori, F. 120156
Klempt, W. *see* Mueller, U. 69711
Klemt, A., Infantosi, A.F.C. Classification of surface normals in a tutorial microcomputer-based system for anatomy 101141
Klenk, M., Ambrosy, A., Bouayad-Amine, J., Buchali, F., Duetting, K., Hirler, H.-P., Hehmann, J., Idler, W., Lach, E., Laube, G., Weinmann, R., Mayer, H.P., Pagnod, P. Wide temperature 1.55 μm InGaAsP SL-MQW DFB lasers with high reliability 96423
Klenk, M. *see* Idler, W. 96706
Klenk, M. *see* Schilling, M. 99599
Klenk, R. *see* Birkmire, R.W. 112370
Klenk, R. *see* Gal, D. 105135
Klenk, R. *see* Shafarman, W.N. 71705
Klenke, R.H., Aylor, J.H., Wolf, J.M. An analysis of fault partitioning algorithms for fault partitioned ATPG 110011
Klenke, R.H. *see* Wolf, J.M. 73259
Klenner, G. *see* Ehrichs, R. 88114
Klenov, V.S. *see* Belov, A.S. 120076
Kleonsky, V.I. *see* Gorev, V.V. 100794
Klepac, V. Advanced technologies for electronic news gathering 79153
Klepatsky, V.E. *see* Nikulin, A.D. 95410
Klepeis, S.J. *see* Benedict, J.P. 94739
Kleperis, J. *see* Vaivars, G. 119776
Klepikov, V.V., Gul', A.I. Multivariable optimization of the parameters of double-integrating digital-analog electrical drive systems 71742
Kleppe, J.A. Principles and applications of acoustic sensors used for gas temperature and flow measurement 89024
Klepper, O. *see* Winkler, T. 79836
Kleppner, D. *see* Luppov, V.G. 120085
Klepser, B.-H.H. *see* Duran, H.C. 104852
Klepser, B.-U. *see* Patrick, W. 63765
Klepser, B.-U. *see* Schefer, M. 62313
Klepser, B.-U. *see* Schefer, M. 83494
Klepser, B.-U. *see* Schefer, M. 114302
Klepser, B.-U.H., Schefer, M., Patrick, W., Bachtold, W. Modelling of low noise InP based HEMTs 93822
Klepser, B.-U.H., Spicher, J., Beck, M., Bergamaschi, C., Patrick, W., Bachtold, W. Monolithically integrated InP-based pin-HEMT OEIC receiver with a bandwidth of 18 GHz 78677
Klepser, B.-U.H., Spicher, J., Bergamaschi, C., Patrick, W., Bachtold, W. High speed, monolithically integrated pin-HEMT photoreceiver fabricated on InP with a tunable bandwidth up to 22 GHz using a novel circuit design 107023
Klepser, B.-U.H. *see* Diskus, C.G. 63764
Klepser, B.-U.H. *see* Duran, H.C. 104830
Klepser, B.-U.H. *see* Spicher, J. 109630
Klerk, J.de *see* de Klerk, J.
Kleshchinov, E.B. *see* Batyaev, I.M. 95970
Kletke, M.G. *see* Molnar, K.K. 117266
Klett, M., Fiesel, H., Hadjizada, K., Hohmann, H., Kriedt, H., Krug, E., Kuhn, B. Integrated multistandard modulator with PLL tuning 109883
Klett, S. MBONE: videoconferencing over Internet 78127
Klette, R. *see* Handschack, P. 67049
Kletzli, D.W., Jr. *see* Dano, E.B. 109790
Klevitskiy, V.V. *see* Karabutov, A.A. 104229
Klewe-Nebenius, H. *see* Moser, H.O. 79772
Klewicki, J.C. *see* Guilkey, J.E. 119953
Klewitz, S. *see* Herminghaus, S. 96726
Kley, E.-B., Schnabel, B. E-beam lithography: a suitable technology for fabrication of high-accuracy 2D and 3D surface profiles 74651
Kley, E.-B. *see* Duparre, M. 96582
Kley, E.-B. *see* Golub, M.A. 76094
Klibanov, L. *see* Allon-Alaluf, M. 105523
Kliczewski, S. *see* Igel, S. 120205
Klicznik, A. *see* Hug, H.J. 75170
Kliefoth, K. *see* Dittrich, T. 94599
Kliemann, W. *see* Chih-Ming Lin 70718
Klier, J. Analog and digital signals for receiver measurements up to 6 GHz 89200
Kliewer, M.A. *see* Keogan, M.T. 80363
Kliger, H. *see* Schmitt, G. *(editor)* 71982
Kliger, S. *see* Yemini, S.A. 67674
Klik, I., Chang, C.R. Hysteresis of hexagonal lattice arrays 106485
Klik, I., Yao, Y.D., Chang, C.R. Multilevel master equation for bicrystal clusters 64225
Klik, I., Yao, Y.D., Chang, C.R. Relaxation effects in magnetic recording 115782
Klik, I. *see* Ching-Ray Chang 115569
Klik, I. *see* Jyh-Shinn Yang 64185
Klik, I. *see* Yao, Y.D. 113378
Klima, J. Performance of induction motors fed from voltage source inverters with bus-clamped space vector modulation 81433
Klima, M., Rott, J., Dvorak, P., McKenna-Lawlor, S., Gleeson, D., Keating, J. Model of 2D optical correlator for fingerprint identification 117874
Klima, M. *see* Keating, J.G. 77521
Klimachev, Yu. *see* Afanas'ev, L. 107071
Klimanov, E.A. *see* Bovina, L.A. 99985
Klimanov, E.A. *see* Bovina, L.A. 99987
Klimashov, A. *see* Stasch, R. 62706
Klimashov, A. *see* Stasch, R. 114645
Klimeck, G., Lake, R., Bowen, R.C., Frensley, W.R., Blanks, D. Nano electronic modelling (NEMO) 63564
Klimeck, G. *see* Frensley, W.R. 63827
Klimeck, G. *see* Lake, R. 105877
Klimecky, P. *see* Benson, T.E. 94750
Klimek, D.E. *see* Mandl, A. 96124
Klimek, D.E. *see* Mandl, A. 116387
Klimenko, D.N. *see* Zolotoverkh, I.I. 85447
Klimenko, E.Yu. *see* Nikulin, A.D. 95410
Klimenko, E.Yu. *see* Sverdlov, V.Ya. 95569
Klimenko, E.Yu. *see* Vedernikov, G.P. 95421
Klimenko, I.S., Ryabukho, V.P. Aberrations in an optical system in recording lateral-displacement Fourier specklegrams 107629
Klimenko, Yu.A. *see* Onipko, A.I. 94545
Klimenkov, V.P. *see* Levchenko, V.I. 79349
Kliment'ev, S.I. Optimizing the focusing systems of laser beams with annular cross sections 116603
Klimentev, S.I. *see* Bogdanov, M.P. 107621
Kliment'ev, S.I. *see* Dimakov, S.A. 65573
Klimentov, S.M. *see* Garnov, S.V. 92954
Klimentov, S.M. *see* Garnov, S.V. 107659
Klimmek, M. *see* Wenke, G. 64791
Klimo, R.G. Selecting drives for electric vehicles 122019
Klimov, A.Yu. *see* Khrebtov, I.A. 119669
Klimov, I.S. *see* Gortsev, A.M. 108820
Klimov, I.V. *see* Bufetova, G.A. 116439
Klimov, V. *see* Smilowitz, L. 96612
Klimovski, D., Cricenti, A.L., Egan, G.K., Sergejew, A.A. Position estimation of electrocortical generators 120472
Kline, B. Designing dimensional stability into ultrathin printed wiring boards 94029
Kline, B. *see* Jiang, J. 101126
Kline, D. *see* Madey, G. 106137
Kline, G.E. *see* Sottos, N.R. 92977
Kline, R.A., Egle, D.M. Creativity and the undergraduate laboratory experience 60464
Kling, A. *see* Krause, H. 94682
Klingan, F.-R. *see* Prokop, J. 92890
Klingbeil, H., Beilenhoff, K., Hartnagel, H.L. Finite-difference analysis of structures consisting of roundly and rectangularly shaped domains 85948
Klingbeil, H. *see* Dehe, A. 88997
Klingbeil, H. *see* Dehe, A. 89018
Klinge, R., Rohlig, S. Evaluation criteria of power regeneration capability of motor vehicles 112559
Klinge, R. *see* Braun, E. 112492
Klingen, I.E. *see* Gol'dshtein, M.E. 121647
Klingenberg, D.J. *see* Shkel, Y.M. 115396
Klingenberg, H.H., Hall, T., Riede, W. Distortion correction by phase conjugation using four-wave mixing 116688
Klingenstein, M. *see* Ernst, G. 75727
Klinger, L.M. *see* Glickman, E.E. 63426
Klinger, M. The new generation of airbag connectors 122064
Klinger, M. *see* Manzel, M. 93701
Klingler, M. *see* Briquet, P. 97178
Klingler, M. *see* Szelag, M. 99725
Klingner, P. *see* Briles, S. 101551
Klingshirn, C. *see* Giessen, H. 65495
Klingshirn, C. *see* Hetterich, M. 74166
Klingshirn, C. *see* Wind, O. 74399
Klinken, J.van *see* van Klinken, J.
Klinz, B., Woeginger, G.J. A new efficiently solvable special case of the three-dimensional axial bottleneck assignment problem 103666
Klinz, B. *see* Burkard, R.E. 93072
Klinz, B. *see* Burkard, R.E. 113229
Klioskys, E. Inequality constrained state estimation 101863
Klippel, W. Modeling the nonlinearities in horn loudspeakers 88868
Klippert, T. *see* Trakhtenberg, E. 100431
Klipstein, P.C., Lakrimi, M., Lyapin, S., Mason, N.J., Nicholas, R.J., Walker, P.J. Growth and application of group III–antimonides by MOVPE 103844
Klipstein, P.C. *see* Rau, G. 114751
Klir, G.J., Wang, Z. Convergence theorems for sequences of Choquet integrals and the stability of nonlinear integral systems 92606
Klir, G.J. *see* Zhenyuan Wang 72501
Klishevich, A.A. *see* Cherdyntsev, V.A. 117404
Klisnick, A. *see* Benredjem, D. 107037
Klisnick, A. *see* Zeitoun, Ph. 75781
Klitgaard, P. *see* Kulys, J. 69330
Klitzing, K.V. *see* Dilger, M. 72782
Klitzing, K.V. *see* Tornow, M. 62993
Klitzing, K.v. *see* v. Klitzing, K.
Klitzing, K.von *see* von Klitzing, K.
Klivansky, S. *see* Basu, S. 87789
Kljenak, M. *see* Zun, I. 89569
Klobuchar, J.A. *see* Vladimer, J.A. 120766
Kloc, C. *see* Friemelt, K. 83888
Kloc, C. *see* Lisunov, K.G. 74311
Kloc, C. *see* Schon, J.H. 62784
Klochko, V.K. Extraction of variable images under conditions of uncertainty 117657
Klock, B., Utne, L., Hakon Husoy, J. Implementation of filter banks in field programmable gate arrays (FPGA) 83244
Klockau, J., Fotheringham, G., Hahn, R. Measurement of inductive coupling between coplanar superconducting transmission lines 64582
Klocke, T. *see* Uhlisch, D. 105455
Klockenbrink, R. *see* Wehmann, H.-H. 89104
Klockenbrink, R. *see* Wehmann, H.-H. 100044
Klockenbrink, R. *see* Wehmann, H.-H. 110150
Klocker, K.J. *see* Klutz, H.-J. 81315
Klockhaus, H., Merschel, F. Long-term tests on XLPE-insulated MV cables–type testing and production testing 81082
Klockow, D. *see* Soppart, O. 81610
Kloeser, A. *see* Aschenbrenner, R. 82264
Kloeser, A. *see* Aschenbrenner, R. 94119
Kloess, G. *see* Laasch, M. 92669
Kloet, R.Van Der *see* Van Der Kloet, R.
Kloidt, T. *see* Kleitz, M. 81803
Kloos, C.D. *see* Breuer, P.T. 113826
Kloos, G. Design of a Mach-Zehnder interferometer for the measurement of electrostrictive strains 88973
Klooster, C.G.M.van't *see* van't Klooster, C.G.M.
Kloosterman, W.J., Geelen, J.A.M., Klaassen, D.B.M. Efficient parameter extraction for the MEXTRAM model 63621
Klootwijk, J.H., van Kranenburg, H., Cobianu, C., Petrescu, V., Woerlee, P.H., Wallinga, H. An intensive study of LPCVD silicon morphology and texture for non volatile memory application 83816
Klootwijk, J.H., Verweij, J.F., Rem, J.B., Bijlsma, S. Dielectric breakdown II: related projects at the University of Twente 106301
Klootwijk, J.H., Weusthof, H.H., Van Kranenburg, H., Woerlee, P.H., Wallinga, H. Improvements of deposited interpolysilicon dielectric characteristics with RTP N_2O-anneal 84017
Klootwijk, J.H. *see* Verweijl, J.F. 106300
Klopf, J.M. *see* Vladimirsky, Y. 74650
Klopf, J.M. *see* Vladimirsky, Y. 79365
Klopfer, S. Data acquisition for solar power plant 99878
Klos, F. *see* Langenbeck, B. 101415
Klos, F. *see* Moritz, G. 100645
Klose, H. *see* Sauter, M. 94912
Klose, H. *see* Scheiter, T. 63221
Klose, H.A., Krause, M., Pfeiffer, W., Rauchfuss, J., Sinn, G., Fink, D., Wilhelm, M. On radiation damage of scintillating organic fibres in dependence on energetic electron bombardment 106815
Kloske, D.A., Smith, R.E. Bulk cable routing using genetic algorithms 70929
Klosowicz, S. *see* Dabrowski, R. 100391
Klosowicz, S.J., Zmija, J. Optics and electro-optics of polymer-dispersed liquid crystals: physics, technology, and application 85112
Klosowski, M. *see* Bialko, M. 93575
Kloster, C.G.M.Van't *see* Van't Kloster, C.G.M.
Kloster, G.M. *see* Thomas, J.A. 112288
Klosterman, D., Li Li, Morris, J.E. Materials characterization, conduction development, and curing-effects on reliability of isotropically conductive adhesives 113547
Klotz, F., Petzoldt, J., Volker, H. Experimental and simulative investigations of conducted EMI performance of IGBTs for 5-10 kVA converters 121737
Klotz, G., Lang, H. The Siemens remote control system VICOS OM 70 87765
Klotzkin, D. *see* Zhang, X. 107245
Klouche-Djedid, A. Adaptive noise subspace processing for direction finding in sensor arrays 108333
Klouche-Djedid, A., Fujita, M. Adaptive array sensor processing applications for mobile telephone communications 99220

Klouche-Djedid, A., Miura, R. Detection-estimation in sensor arrays without eigendecompositions 108332
Klove, T. The worst-case probability of undetected error for linear codes on the local binomial channel 66416
Klove, T. Reed-Muller codes for error detection: the good, the bad, and the ugly 97567
Klove, T., Svirid, Y.V. Diffuse difference triangle sets 66197
Klove, T. *see* Helleseth, T. 66392
Klovning, A. *see* Alvsvaag, S.J. 90124
Klovning, E., Bonaventure, O. Behaviour of XTPX in the European ATM pilot 118081
Klovning, E. *see* Bonaventure, O. 87431
Kluckers, V.A., Wooder, N.J., Dainty, J.C., Longmore, A.J. Comparison of shift-and-add and bispectrum image reconstruction methods for astronomy in the near infrared 98030
Kludzin, V.V., Kulakov, S.V., Molotok, V.V. Study of acousto-optic interferometer regime in acousto-optic devices for optical beam control 64836
Kluepfel, H.M., Veatch, J.D., James, J.W., Bosma, P.H. A multi-disciplined risk management process for distributed telecommunications networks: doing more with less on the frontier of a global village 118502
Klug, A. *see* Edmaier, B. 98370
Klug, D.-A., Greenlief, C.M. β-hydride elimination processes on silicon 94219
Kluge, E.-E. *see* Braunschweig, W. 120173
Kluge, W. *see* Jentschel, H.-J. 98603
Klugmann, D., Heinsohn, K., Kirtzel, H.-J. A low cost 24 GHz FM-CW Doppler radar rain profiler 90766
Klugmann, D., Judaschke, R. A 94 GHz FM-CW Doppler radar profiler using a solid state transmitter 90765
Kluit, P. *see* Ajinenko, I. 90197
Kluit, P. *see* Cossutti, F. 69730
Kluit, P.M. Physics with ring imaging Cherenkov detectors 69731
Kluit, P.M. *see* Adam, W. 69709
Kluit, P.M. *see* Adam, W. 69735
Kluiters, E.C. *see* Schillemans, R.A.A. 112564
Kluk, P., Morawski, R.Z. Static calibration of transducers using parametrization and neural-network-based approximation 110107
Klumperink, E.A.M., Klein, C.T., Ruggeberg, B., van Tuijl, E.J.M. AM suppression with low AM-PM conversion with the aid of a variable-gain amplifier 61693
Klumperink, E.A.M. *see* De Haan, P.E. 84608
Klumperink, E.A.M. *see* Mensink, C.H.J. 104733
Klumpp, A. *see* Leon, B. 61365
Klushin, A.M., Prusseit, W., Sodtke, E., Borovitskii, S.I., Amatuni, L.E., Kohlstedt, H. Shunted bicrystal Josephson junctions arrays for voltage standards 106695
Kluska-Nawarecka, S., Wojcik, T. Computer diagnostic of casting defects aided by simulation model 92345
Kluth, G.J., Maboudian, R. Oxidation mechanism of the ammonium-fluoride-treated Si(100) surface 114934
Kluth, M.P., Simon, F., Le Gall, J.Y., Muller, E. Design of a fault tolerant 100 Gbits solid-state mass memory for satellites 104550
Klutke, G.-A., Wortman, M.A. The backlog process in queues with random service speed 82378
Klutz, H.-J., Klocker, K.J., Lambertz, J. The WTA procedure as the pre-drying stage for modern power station concepts based on brown coal firing 81315
Kluyver, J.P.de *see* de Kluyver, J.P.
Klyachkin, L.E. *see* Bagraev, N.T. 62913
Klyachko, B.S. *see* Buklerskii, A.V. 101506
Klyenkov, E.B. *see* Gorbunov, A.A. 92917
Klyscz, T., Rosenheimer, M., Scherer, W., Junger, M. Dynamic in vivo measurements of the pressure exerted by the compression stocking using a microtip probe 80174
Klyscz, Th., Hahn, M., Junger, M., Rassner, G. A new apparatus for non-invasive positioning of laser Doppler flux (LDF) probes in skin areas where local attachment is impossible 69967
Klyuenkov, E.B. *see* Shur, V.Ya. 95265
Klyuev, V.G., Latyshev, A.N., Malaya, L.Ya., Leonova, L.Yu., Kustov, A.L. Luminescece investigations photostimulated processes and their use for recording and luminescent reading of optical information 75707
Klyui, M.I. *see* Vakulenko, O.V. 106476
Klyui, N.I. *see* Evtukh, A.A. 73957
Klyui, N.I. *see* Evtukh, A.A. 83716
Kmit, M. *see* Wu, J. 110619
Knable, J.E. *see* Koskinen, P.S. 79187
Knadle, K.T., Perkins, J.S., Potenza, J.A. Verifying a TBGA card assembly process using innovative reliability tests and DOE 92244
Knadle, R., Jr. Test method measures jammer noise spots 90902
Knaell, K. Three-dimensional SAR from curvilinear apertures 109781
Knagenhjelm, P., Agrell, E. The Hadamard transform–a tool for index assignment 76786
Knain, M. *see* Livik, K. 101799
Knapek, E. *see* Sauter, M. 94912
Knapek, P. *see* Linnros, J. 96016
Knapek, P. *see* Tomasiunas, R. 94254
Knapp, A.G., Hartman, R.A. Thin film diode technology for high quality AMLCD 89308
Knapp, A.G. *see* Shannon, J.M. 89258
Knapp, A.K. *see* Henebry, G.M. 120817
Knapp, C. *see* Mao Wang 117852
Knapp, D.E. *see* Alzayed, N.S. 64504
Knapp, D.F. *see* Kalman, R.F. 85345
Knapp, H. *see* Simburger, W. 104868
Knapp, H. *see* Simburger, W. 118860
Knapp, H. *see* Treitinger, L. 73798
Knapp, M.C., Kindlmann, P.J., Papaefthymiou, M.C. Implementing and evaluating adiabatic arithmetic units 104520
Knappet, P. *see* Warring-Davies, K.J. 120268
Knasel, D. *see* Satake, T. 116046
Knauer, A. *see* Erbert, G. 96313
Knauf, J. *see* Beccard, R. 103892
Knaulein, R. *see* Herzog, H.-G. 91389
Knaus, B. *see* Hofferer, M. 77908
Knauss, L.A., Pond, J.M., Horwitz, J.S., Mueller, C.H., Treece, R.E., Chrisey, D.B. The structure and electric field dependent dielectric properties of annealed $Sr_{1-x}Ba_xTiO_3$ ferroelectric thin films 95304
Knauss, L.A. *see* Chrisey, D.B. 104101
Knavel, B. *see* Elliott, S. 118322
Knee, D. *see* Ahn, T.W. 114141
Kneedler, E. *see* Thibado, P.M. 61254
Kneidel, T. ALADIN and ARAMIS message-handling software: Convenient data transmission by shortwave 87577
Kneifel, M., Kokes, M., Silber, D. Half bridge for an integrable direct converter in high frequency link systems 121611
Kneifel, M., Silber, D., Held, R. Predictive modeling of SiC-device power Schottky diode for investigations in power electronics 61604
Kneip, M., Friederes, M., Kuresevic, A., Siebert, P. Control and supervision of a digital broadcast network 109859
Kneisel, P., Lewis, B. Advanced surface cleaning methods–three years of experience with high pressure ultrapure water rinsing of superconducting cavities 119978
Kneisel, P. *see* Powers, T. 100499
Kneissl, M. *see* Hilburger, U. 95817
Kneissl, M. *see* Knupfer, B. 99510
Kneissl, M. *see* Maizer, S. 82678
Kneissl, M. *see* Schultz, J. 63074
Kneissl, M. *see* Windisch, R. 106866
Knepper, S., Haor, M. On-line near-IR analysis of dairy products for process control 89557
Kner, P. *see* Bar-Ad, S. 114647
Kneschke, T., Hong, J., Arriojas, J. Newark City Subway traction power system upgrade 91858
Kneubuehl, F.K. *see* Baumgartner, M.O. 65468
Kneubuehl, F.K. *see* Fumeaux, C. 116654
Kneubuehl, F.K. *see* Scherrer, D.P. 107121
Kneuer, P.G. *see* Retuert, P.J. 72855
Knezevic, J. *see* Katic, V. 71499
Knezo, D. *see* Zivcak, J. 120477
Knickerbocker, S.A. *see* Kulkarni, A.K. 94372
Knies, D.L. *see* Horwitz, J.S. 106479
Knieser, M.J., Papachriston, C.A. COMET: a hardware-software codesign methodology 113873
Kniffin, B. *see* Hoogs, A. 67483
Kniffin, M.L., Shah, M. Packaging for silicon micromachined accelerometers 84667
Knight, A. Flow noise calculations for extended hydrophones in fluid and solid-filled towed arrays 88735
Knight, A. *see* Martin-Neira, M. 111288
Knight, D. *see* Hunter, G.W. 110273
Knight, D.L. *see* Mahafza, B.R. 88666
Knight, D.T. Rapid development of tightly-coupled GPS/INS systems 68766
Knight, G. *see* Khan, I. 87596
Knight, G.A. *see* Winnall, S.T. 76945
Knight, J. *see* Bodet, J.M. 112215
Knight, J. *see* Teggatz, R. 91617
Knight, J.C., Birks, T.A., Atkin, D.M., Russell, P.St.J. Pure silica single-mode fibre with hexagonal photonic crystal cladding 85031
Knight, J.C., Birks, T.A., St.J. Russell, P., Atkin, D.M. All-silica single-mode optical fiber with photonic crystal cladding 116058
Knight, J.P. *see* Martin, R.S. 93203
Knight, J.P. *see* San Martin, R. 61566
Knight, K. *see* Satake, T. 116046
Knight, P. *see* Truscott, P.R. 80080
Knight, P. *see* Truscott, P.R. 100827
Knight, T.J., Cheng, X., Krogh, B.H., Greve, D.W., Gibson, M.A. Application of sampling quadrupole mass spectrometry to multivariable process control 61419
Knight, U.G. *see* Cory, B.J. 70655
Knight, U.G. *see* Roa-Sepulveda, C.A. 101744
Knightly, E.W. H-BIND: a new approach to providing statistical performance guarantees to VBR traffic 87354
Knightly, E.W. *see* Wrege, D.E. 77632
Knightly, E.W. *see* Zhang, H. 118214
Knights, A.P., Simpson, P.J., Allard, L.B., Brebner, J.L., Albert, J. Si ion implantation-induced damage in fused silica probed by variable-energy positrons 85055
Knights, A.P. *see* Brauer, G. 94452
Knights, D.C., Smith, M.H. Gateway to the future–control of power supplies to the London Underground 71820
Knights, P.J. Analysis and design of a SP8858 digital PLL synthesiser for low phase noise 82988
Knio, O.M. *see* Worlikar, A.S. 112616
Knipp, P. *see* Bayer, M. 62871
Knipp, P.A., Reinecke, T.L. Electron-phonon scattering in quantum dots 62874
Knipp, P.A., Reinecke, T.L. Electron scattering from acoustic phonons in quantum dots and other nanostructures 62997
Knippels, G.M.H., van der Meer, A.F.G., Mols, R.F.X.A.M., Oepts, D., van Amersfoort, P.W. Generation of frequency-chirped optical pulses with FELIX 96499
Knippels, G.M.H., van de Meer, A.F.G., Mols, R.F.X.A.M., Oepts, D., van Amersfoort, P.W., Jaroszynski, D.A. Influence of a step-tapered undulator field on the optical pulse shape of a far-infrared free-electron laser 65385
Knippels, G.M.H., Van Der Meer, A.F.G., Mols, R.F.X.A.M., Oepts, D., Van Amersfoort, P.W., MacLeod, A.M., Gillespie, W.A. Feasibility of a far-infrared free-electron laser as voltage-controlled optical oscillator 65377
Knippels, G.M.H. *see* Jaroszynski, D.A. 107399
Knippels, G.M.H. *see* Murdin, B.N. 62856
Knippels, G.M.H. *see* Planken, P.C.M. 62746
Knippels, G.M.H. *see* Weits, H.H. 96481
Knisely, J.A., Laskar, R. Cyclic gossiping times for some classes of graphs 113145
Knishevskaya, L., Tamoshiuniene, M., Shugurov, V. Numerical analysis of open rectangular and similar ϵ-gyrotropic semiconductor waveguides 76534
Knisley, J.R. Understanding high performance UTP cable testing 68032
Knisley, J.R. Security lighting primer 91931
Knisley, J.R. Wiring wet-niche fixtures at the 1996 Olympics Aquatic Center 91936
Knisley, J.R. Guidelines for wiring device application designs 93980
Knisley, J.R. Maintaining discharge lamps 103152
Knitel, M.J., Dorenbos, P., de Haas, J.T.M., van Eijk, C.W.E. $LiBaF_3$, a thermal neutron scintillator with optimal n-γ discrimination 90147
Knittel, G. A parallel algorithm for scientific visualization 98353
Knittel, G.H. *see* Boisvert, R.E. 70573
Knittel, J. *see* Scherrer, D.P. 107121
Knize, R.J., Ai, B., Glassner, D.S., Takekoshi, T., Biaggio, I. Optical information processing utilizing alkali-metal vapors 97961
Knize, R.J. *see* Ai, B. 76173
Knizhnik, A. *see* Fisher, B. 95440
Knizhnik, E.G. *see* Lisovskii, Yu.A. 95372
Knizia, M. *see* Croonenbrock, R. 71151
Knobel, M. *see* Medina, A.N. 64308
Knobel, M. *see* Tiberto, P. 115552
Knoblach, W. *see* Bechtold, B. 91290
Knoblauch, A. *see* Kalbitzer, S. 94681
Knoblauch, K. *see* Arditi, A. 89366
Knobloch, H. *see* Karner, H.C. 71585
Knobloch, J., Durand, R., Muller, H., Padamsee, H. Microscopic examination of defects located by thermometry in 1.5 GHz superconducting niobium cavities 100492
Knobloch, J., Padamsee, H. Microscopic investigation of field emitters located by thermometry in 1.5 GHz superconducting niobium cavities 120026
Knobloch, J. *see* Brinthaupt, D. 77532
Knobloch, J. *see* Padamsee, H. 100471
Knoche, T., Muller, L., Klein, R., Neyer, A. Low loss polymer waveguides at 1300 and 1550 nm using halogenated acrylates 85063
Knochel, A. *see* Moser, H.O. 79772
Knochel, R. *see* Hauschild, T. 100277
Knochel, R. *see* Menke, F. 69463
Knochel, R. *see* Menke, F. 100290
Knochenhauer, M., Johanson, G. Derivation of time dependent component unavailability models and application to Nordic PSAs 71056
Knockaert, L. A generalized Mobius transform, arithmetic Fourier transforms, and primitive roots 61132
Knode, R.B. *see* Rutz, W.L. 70730
Knodel, T.V. *see* Elliott, S.R. 80104
Knodler, B. *see* Schosser, A. 68368
Knoedler, A.J., Bailey, W.D., McClintock, B.H., Harris, D.A. Investigation of Global Positioning System use for air data system calibration 70401
Knoedler, B. *see* Brunner, S. 64758
Knoepfel, I. *see* Ospelt, C. 91061
Knoepfel, I.H. A framework for environmental impact assessment of long-distance energy transport systems 91254
Knoepfle, H. *see* Gusten, R. 68806
Knoepfle, K.T. *see* Riechmann, K. 110548
Knoesen, A. *see* Hill, R.A. 78799
Knoesen, A. *see* Sidick, E. 116649
Knoesen, A. *see* Yankelevich, D.R. 119908
Knoessen, A. *see* Hill, R.A. 64604
Knof, M., Farrow, M. Design of experiments for multi-stage processes 60547
Knoke, S. *see* Golla, D. 96199
Knoll, B. *see* Kozlowski, F. 94276
Knoll, D., Heinemann, B., Ehwald, K.E., Schley, P., Ropke, W., Bolze, E., Schlote, J., Herzel, E., Fischer, G. Comparison of P in situ spike doped with As implanted poly silicon emitters concerning Si-SiGe-Si HBT application 84333
Knoll, D. *see* Ehwald, K.-E. 82665
Knoll, D. *see* Heinemann, B. 84332

Knoll, E. *see* Bazes, M. 104649
Knoll, G. *see* Redus, R. 90151
Knoll, G. *see* Redus, R. 101035
Knoll, G.F. *see* Guru, S.V. 120181
Knoll, G.F. *see* He, Z. 80156
Knoll, G.F. *see* He, Z. 101033
Knoll, G.F. *see* Wilderman, S.J. 101252
Knoll, M. *see* Steinkuhl, R. 120272
Knoll, W. *see* Herminghaus, S. 106850
Knoll, W. *see* Kajikawa, K. 85593
Knoll, W. *see* Weiss, S. 85677
Knolle, D., Ratschko, D., Glaser, M. A segmented Faraday cup for two-dimensional representation of the current distribution of an ion beam 116829
Knollmann, F.D., Maurer, J., Kucherer, H., Bock, J.C., O'Connell, J.W., Botvinick, E., Eichstadt, H.W., Felix, R. Cardiac activation mapping by MRI 80350
Knollmann, F.D. *see* Maurer, J. 80351
Knoop, M., Rink, J., Vedel, M., Vedel, F. Laser cooling of a Ca^+ cloud in a Paul trap 79224
Knoopers, H.G. *see* Smith, B.A. 102172
Knoos, T. *see* Hurkmans, C. 101447
Knopf, M.A. *see* Bliss, M. 79995
Knopf, W. *see* Zimmermann, S. 79258
Knopf, W. *see* Zimmermann, S. 100857
Knopfle, G. *see* Serbutoviez, C. 85620
Knopfle, K.T. *see* Abt, I. 80025
Knopfle, K.T. *see* Abt, I. 100825
Knopfle, W. *see* Schwabisch, M. 111148
Knoplioch, J. *see* Ferretti, G.R. 120384
Knopov, P.S. Some models of continuous-time stochastic approximation 113070
Knopp, J. Modeling discrete modulators for optical correlation 77192
Knopp, J., Matalgah, M. Fast algorithm for calculating optical binary amplitude filters 75662
Knopp, J. *see* Matalgah, M. 76912
Knopp, M.V. *see* Bluml, S. 80284
Knopp, M.V. *see* Essig, M. 80279
Knopp, R., Humblet, P.A. Multiple-accessing over frequency-selective fading channels 98419
Knorr, A. *see* Haas, S. 96340
Knorr, A. *see* Hughes, S. 96295
Knorr, C., Wilhelm, U., Ottenwlilder, D., Scholz, E., Hangleiter, A. Carrier transport in an InGaAs(P)/InP all-optical switching structure 95837
Knorr, C. *see* Weigel, R. 109397
Knorr, K., Rumberg, A., Zorn, M., Meyne, C., Trepk, T., Zettler, J.-T., Richter, W., Kurpas, P., Weyers, M. Real-time monitoring of P-based semiconductor growth by linear-optical spectroscopy 103907
Knorr, K. *see* Zorn, M. 105147
Knorr, S. *see* Case, M. 62088
Knospe, C.R. *see* Stephens, L.S. 85816
Knothe, K. *see* Lange, M. 71824
Knott, J.E. *see* Chen, Y.K. 69865
Knott, J.E. *see* Szymanski, J.J. 110589
Knott, P., Pearson, A., Taylor, R. A new approach to competence analysis 72166
Knowles, D.S. *see* Baxter, G.W. 85450
Knowles, D.S. *see* Lieberman, S.H. 70536
Knowles, L.E., Dillon, C.L. Education and the continuing professional education of architects: the role of satellite videoconferencing and learning 118533
Knowles, P. *see* Baker, I.M. 89089
Knowles, T.R. *see* Visosky, M.M. 105001
Knowlton, W. *see* Sadoulet, B. 100818
Knox, F.M., Harper, P., Kean, P.N., Bennion, I., Doran. N.J. 10 Gbit/s soliton transmission over standard fibre 65463
Knox, F.M. *see* Harper, P. 65460
Knox, F.M. *see* Smith, N.J. 65458
Knox, M., Cox, C., Abbott, P. A highly integrated H.320 audio sub system 97623
Knox, R. *see* Dalal, V.L. 92901
Knox, R.S. *see* Tomita, A. 63059
Knox, W.H. Practical lasers will spawn varied ultrafast applications 85781
Knox, W.H. Ultrafast epiphany: the rise of ultrafast science and technology in the real world 109966
Knox, W.H., Tsuda, S., De Souza, E.A., Cunningham, J.E., Jan, W.Y. Diode-pumped femtosecond lasers modelocked with saturable Bragg reflectors 65146
Knox, W.H. *see* Collings, B.C. 96180
Knox, W.H. *see* Cundiff, S.T. 65133
Knox, W.H. *see* Cundiff, S.T. 96715
Knox, W.H. *see* Cundiff, S.T. 107552
Knox, W.H. *see* Cundiff, S.T. 116444
Knox, W.H. *see* Koch, M. 107574
Knox, W.H. *see* Morrison, R.L. 99888
Knox, W.H. *see* Nuss, M.C. 88590
Knox, W.H. *see* Svoboda, K. 120306
Knox, W.H. *see* Tsuda, S. 107206
Knox, W.H. *see* Tsuda, S. 116462
Knuckey, M., Whiting, M., Auld, L. Fibre in the loop, telephony over passive optical networks 98915
Knudsen, L.R., Berson, T.A. Truncated differentials of SAFER 66499
Knudsen, L.R., Meier, W. Improved differential attacks on RC5 97503
Knudsen, L.R., Pedersen, T.P. On the difficulty of software key escrow 76830
Knudsen, L.R., Robshaw, M.J.B. Non-linear approximations in linear cryptanalysis 76829
Knudsen, M. Determination of parameter estimation errors due to noise and undermodelling 109971
Knudsen, M., Jensen, J.G. Estimation of nonlinear DC-motor models using a sensitivity approach 71343
Knudsen, O. *see* Carvalho, A. 81066
Knudson, A.R. *see* McMorrow, D. 70334
Knudson, A.R. *see* McMorrow, D. 74743
Knudson, A.R. *see* McMorrow, D. 106046
Knudson, C. *see* Volynsky, V.A. 111241
Knudson, K. *see* Antinori, F. 120156
Knupfer, B., Kiesel, P., Kneissl, M., Muller, N., Hilburger, U., Dankowski, S.U., Forster, A., Dohler, G.H. Novel monolithic waveguide-based smart pixel for high-contrast, high-gain, and high-speed optical switching 99510
Knupfer, B. *see* Hilburger, U. 95817
Knupfer, B. *see* Windisch, R. 106866
Knusel, L., Bablok, B. Computation of the noncentral gamma distribution 113072
Knuth, H.D. *see* Hickemell, F.S. 106447
Knuth, T., Kramer, D., Weihreter, E., Chertok, I., Michailov, S., Sukhina, B. The magnet system for the BESSY II injector synchrotron 89788
Knuth, T. *see* Henley, F.J. 89425
Knutrud, P.C., Newcomb, R.M. Process improvement and cost reduction utilizing a fully automated CD SEM for thin film head pole 2 resist measurements 115699
Knutson, E.O. *see* Park, T.S. 101457
Knutson, K.L. *see* Jensen, K.F. 84548
Knutson, K.L. *see* Merchant, T.P. 74510
Knutsson, H. *see* Westin, C.-F. 86446
Knuttgen, D., Burgwinkel, W., zur Nieden, K., Jahn, M., Muller-Gorges, M.-R., Doehn, M. Limited applicability of the Datex Relaxograph in diabetics with peripheral polyneuropathy 90530
Knuyt, G. *see* D'Haeger, V. 115029
Knyazev, A.K. *see* Ivanov, V.V. 119543
Knyazev, D.G. *see* Kornaukhov, A.V. 73700
Knyazev, D.G. *see* Kornaukhov, A.V. 73710
Knyazev, V.D. *see* Aleshin, N.P. 113004
Knyaz'kov, V.S. An associative-cellular VLSI processor for parallel processing of raster images: the concept and applied computations 61942
Knyaz'kov, V.S., Volchenskaya, T.V. Maximally parallel algorithms for raster image processing by cellular VLSI processors 67330
Knystautas, E.J. *see* De Marchi, G. 75387
Ko, C.C. *see* Farhang-Boroujeny, B. 97853
Ko, C.C. *see* Krishna Garg, H. 97712
Ko, H.S. *see* Kim, D.S. 114755
Ko, H.S. *see* Kim, D.S. 116483
Ko, I.-J., Choi, H.-I. Extracting the hand region with the aid of a tracking facility 98291
Ko, I.S., Kim, G.N., Choi, J., Cho, M.H., Namkung, W. Design study of PAL-stretcher ring 89591
Ko, I.S., Namkung, W. Control system of PLS 2-GeV linac 89925
Ko, I.S. *see* Namkung, W. 89760
Ko, J. *see* Wipiejewski, T. 107350
Ko, J. *see* Yoo, J. 115885
Ko, K., Bane, K., Gluckstern, R., Hoag, H., Kroll, N., Lin, X.T., Miller, R., Ruth, R., Thompson, K., Wang, J. Design parameters for the damped detuned accelerating structure 89759
Ko, K., Becker, U., Krietenstein, B., Weiland, T., Dohlus, M. Simulation of spurious oscillations in high power klystrons 105049
Ko, K., Hoag, H., Lee, T., Tantawi, S. X-Band high power dry load for NLCTA 100660
Ko, K. *see* Grelick, A.E. 89767
Ko, K. *see* Heifets, S. 89624
Ko, K. *see* Krietenstein, B. 94187
Ko, K. *see* Lin, X.E. 100666
Ko, K. *see* Pendleton, R. 100685
Ko, K. *see* White, M. 89764
Ko, K.-C. *see* Hotta, E. 110511
Ko, K.K., Pang, S.W., Dahimene, M. Relating electric field distribution of an electron cyclotron resonance cavity to dry etching characteristics 94759
Ko, P.K. *see* Chan, A.B.Y. 115214
Ko, P.K. *see* Han, P.G. 64918
Ko, P.K. *see* Kai Chen 61711
Ko, P.K. *see* Kai Chen 95012
Ko, S. *see* Bird, D.J. 110586
Ko, S.-C., Kim, J.-M. A study on an application of importance sampling to the simulation of satellite communication channels 78626
Ko, S.-T., Senga, T., Umegaki, S. Crystal growth of large-area thin films of 2-methyl-4-nitroaniline for quasi-phase-matched second-harmonic generation 85623
Ko, T.-C. *see* Fuh, A.Y.-G. 116769
Ko, T.-M. *see* Hu, B. 77058
Ko, W. *see* Lin, F. 100985
Ko, Y.-U., Eom, T.-B., Kim, K.-H., Kim, S.-W. Linewidth measurement of wafers using SEM and its uncertainty evaluation 115059
Ko Beom Kyu *see* Beom Kyu Ko
Ko Bong Jin *see* Bong Jin Ko
Ko Byungdo *see* Byungdo Ko
Ko Chang Gi *see* Chang Gi Ko
Ko Chi Chung *see* Chi Chung Ko
Ko Do-Kyeong *see* Do-Kyeong Ko
Ko Hai-Ping *see* Hai-Ping Ko
Ko Han Seok *see* Han Seok Ko
Ko Hyung Hwa *see* Hyung Hwa Ko
Ko Jeonghwan *see* Jeonghwan Ko
Ko Joong Hyup *see* Joong Hyup Ko
Ko Kwang-Cheol *see* Kwang-Cheol Ko
Ko Ming-Tat *see* Ming-Tat Ko
Ko Paul Kai Yiu *see* Paul Kai Yiu Ko
Ko Ping-Ya *see* Ping-Ya Ko
Ko Sang Choon *see* Sang Choon Ko
Ko Sung Tack *see* Sung Tack Ko
Ko Sung-Chan *see* Sung-Chan Ko
Ko Sung-Jea *see* Sung-Jea Ko
Ko Tae Jo *see* Tae Jo Ko
Ko Tae Kuk *see* Tae Kuk Ko
Ko Tae-Kuk *see* Tae-Kuk Ko
Ko Wai Lee *see* Wai Lee Ko
Ko Wenn-Chau *see* Wenn-Chau Ko
Ko-Min Chang *see* Kuo, C. 83137
Ko-Min Chang *see* Maiti, B. 93486
Ko-Ming Shih, Klemer, D.P., Liou, J.J. Prediction of GaAs MESFET process-induced variations using a device-physics-based analytical model 63797
Ko-Wei Lih *see* Bor-Liang Chen 103660
Koai, K.T. How reliable is HFC? 68906
Koakutsu, S. *see* Tazawa, I. 95160
Koan, T. *see* Yoshida, Y. 91108
Koan Sik Joo *see* Do Run Kim 90343
Koang, D.H. *see* Abbes, M. 90145
Koashi, M., Imoto, N. Quantum cryptography based on two mixed states 97415
Koashi, M. *see* Kono, K. 76176
Koay, J. *see* Abbate, A. 90538
Koay, J. *see* DeCusatis, C. 86477
Koba, A.S., Nechiporenko, A.I., Pustovoichenko, Yu.I. An automated system for adjusting, monitoring, and controlling the speed conditions of the electric drives of a continuous tube rolling mill using a UNIKONT controller 71735
Koba, V.S. *see* Zalyubovskii, I.I. 69797
Kobara, K., Imai, H. On the properties of the security against peeping attacks on challenge-response type direct human identification scheme using uniform mapping 117241
Kobari, T., Satoh, O., Hirano, N., Matsumoto, M., Katane, M., Matsuzaki, M., Sakurabata, H., Kanazawa, K., Suetsugu, Y. Fabrication of a copper chamber for a storage ring with broached inner surface 100406
Kobaru, T. *see* Suzuki, T. 102499
Kobashi, H. *see* Yoneta, M. 74181
Kobatake, H., Yoshinaga, Y. Detection of spicules on mammogram based on skeleton analysis 80262
Kobayashi, A., Kubono, T. Fabrication of measuring apparatus of adhesive force between electrical contacts 73841
Kobayashi, A., Saeki, K., Oshita, E., Okuma, S., Wakita, K., Zako, A., Koga, A., Miyauchi, Y., Nagai, A., Yasumoto, M., Tomimasu, T. Optical property of infrared-FELs at the FELI 96534
Kobayashi, A. *see* Okuma, S. 107400
Kobayashi, A. *see* Saeki, K. 96448
Kobayashi, A. *see* Shinzawa, T. 105740
Kobayashi, A. *see* Tomimasu, T. 76063
Kobayashi, A. *see* Tomimasu, T. 107395
Kobayashi, B. *see* Fujii, M. 119792
Kobayashi, C. Technology of WWW-database linkage and data retrieval 118326
Kobayashi, D., Fujita, H. Displacement measurement by a microfabricated tunneling unit 119639
Kobayashi, E. *see* Ishikawa, Y. 62187
Kobayashi, E. *see* Nishibori, T. 66065
Kobayashi, F. *see* Chiba, T. 60615
Kobayashi, F. *see* Horie, M. 115378
Kobayashi, F. *see* Tsuboi, H. 65685
Kobayashi, F. *see* Tsuboi, H. 107792
Kobayashi, H. Logarithmic transmittance and statistical characteristics on neutron computed tomography 104236
Kobayashi, H. Present status and prospect of neutron radiography facilities in Asia 110495
Kobayashi, H., Kiyanagi, Y. Basic concept and characteristics of beam quality indicator for continuum neutron spectra 110504
Kobayashi, H., Kotoura, Y., Hosono, M., Fujimoto, R., Tsuboyama, T., Itoh, H., Konishi, J. 3D-spiral CT of multiple exostoses 80247
Kobayashi, H., Matsumoto, T., Matsubayashi, M., Brenizer, J.S., Jr., Lindsay, J.T. Experimental study of modification of neutron spectrum using filters 110500
Kobayashi, H., Namba, K., Yamashita, Y., Nakato, Y., Komeda, T., Nishioka, Y. Interface state-induced shift of the oxide and semiconductor core levels for metal-oxide-semiconductor devices 95091
Kobayashi, H., Namba, K., Yamashita, Y., Nakato, Y., Nishioka, Y. Interface states in the Si band-gap obtained from XPS measurements under biases 94605
Kobayashi, H., Takahashi, T., Matsumoto, K., Tanaka, Y. High frequency clock crystal oscillator TFG series 93541
Kobayashi, H., Tobari, T., Matsuura, H., Miura, A., Yamanaka, R., Yakihara, T., Kobayashi, S., Oka, S., Fujita, T., Murata, D. System architecture and key components of a multi-Giga-Hertz A/D converter with HBT 114010
Kobayashi, H., Tsugumi, S., Yonezawa, Y., Imamura, R. Development of 2000 kW class IM270 gas turbine for electric power generation and cogeneration plant 102463

Kobayashi, H., Yamamoto, T., Ogita, S., Ekawa, M., Kobayashi, M. Optical feedback effect to modulation characteristics of tapered thickness waveguide BH MQW lasers under low-bias, high-temperature condition 65367

Kobayashi, H., Yanagida, M. Moving object detection by an autonomous guard robot 108736

Kobayashi, H., Yasuoka, Y. Design and fabrication of 94-GHz slot array antennas 117072

Kobayashi, H., Yuasa, T., Nakato, Y., Yoneda, K., Todokoro, Y. Low temperature catalytic formation of Si-based metal-oxide-semiconductor structure 114841

Kobayashi, H. *see* Ashizawa, K. 98694

Kobayashi, H. *see* Choi, G.-H. 91582

Kobayashi, H. *see* Hongo, K. 117025

Kobayashi, H. *see* Ishikawa, H. 78610

Kobayashi, H. *see* Ishikawa, H. 88188

Kobayashi, H. *see* Kasahara, H. 95568

Kobayashi, H. *see* Kawahara, K. 86983

Kobayashi, H. *see* Kitagawa, M. 74193

Kobayashi, H. *see* Kiya, H. 114085

Kobayashi, H. *see* Matsubayashi, M. 104678

Kobayashi, H. *see* Mitsuoka, S. 69650

Kobayashi, H. *see* Mochiki, K. 108565

Kobayashi, H. *see* Mochiki, K. 108566

Kobayashi, H. *see* Mogi, K. 83826

Kobayashi, H. *see* Nishibori, T. 76603

Kobayashi, H. *see* Sakano, J. 105930

Kobayashi, H. *see* Sang Tae Lee 104158

Kobayashi, H. *see* Seung-Woo Seo 109680

Kobayashi, H. *see* Shinohara, S. 104336

Kobayashi, H. *see* Suzuki, T. 64621

Kobayashi, H. *see* Tachikura, M. 99036

Kobayashi, H. *see* Takada, A. 73456

Kobayashi, H. *see* Takahashi, M. 93374

Kobayashi, H. *see* Toguchi, K. 117449

Kobayashi, H. *see* Uchizawa, M. 64257

Kobayashi, H. *see* Wakaki, M. 75476

Kobayashi, H. *see* Wakano, M. 67929

Kobayashi, H. *see* Wu, Y. 91818

Kobayashi, H. *see* Yokoo, A. 85636

Kobayashi, H. *see* Yoneda, K. 110506

Kobayashi, H. *see* Yoshii, K. 104235

Kobayashi, H. *see* Yoshii, K. 110610

Kobayashi, I., Okuno, Y., Kabashima, S. Influence of inlet pressure fluctuation on performance of disk CCMHD generator 91761

Kobayashi, I., Uchida, K., Ohashi, K., Yamaguchi, K., Sane, Y., Ishii, T. Medium noise property of sputter textured media on carbon substrate 115673

Kobayashi, I. *see* Miyagi, K. 69049

Kobayashi, I. *see* Tsuruda, T. 113977

Kobayashi, I. *see* Yamamoto, M. 84613

Kobayashi, I. *see* Yamamoto, M. 100234

Kobayashi, I. *see* Yamashita, Y. 63169

Kobayashi, I. *see* Yoshizawa, S. 118689

Kobayashi, J., Jun-Ichi Kita, Moritake, H., Yoshino, K. Advanced in development IR modulators of ferroelectric liquid crystal utilizing transient light scattering effect 95833

Kobayashi, J., Kita, J., Yoshino, K. The light-chopper for infrared detection utilizing ferroelectric liquid crystal 95842

Kobayashi, J., Yonekubo, S., Kamimura, K., Onuma, Y. Preparation of polycrystalline SiC thin films by RF magnetron sputtering using multi-target 104162

Kobayashi, K. OH related capacitance voltage recovery effect in MOS capacitors passivated by ZnO-B_2O_3-SiO_2-Al_2O_3-P_2O_5 glasses with varied SrO contents 63140

Kobayashi, K. Correlation between noise-after-write and magnetic domain in thin-film heads by electron microscopy 64393

Kobayashi, K. Viscous flow and MOS properties of MgF_2-B_2O_3-GeO_2-SiO_2 glasses with ionic bonds 74999

Kobayashi, K. A combinatorial consideration on the error correcting capability of difference-set cyclic codes 76714

Kobayashi, K. Viscous flow of ZnF_2-PbF_2-SiO_2-B_2O_3-GeO_2 glasses and their application to MOS capacitors 94603

Kobayashi, K. Exposure to water vapor of MOS capacitors passivated with PbO-based glasses 94604

Kobayashi, K., Inaba, Y., Ogata, T., Katayama, T., Watanabe, H., Matsui, Y., Hirayama, M. Ultrathin silicon nitride films fabricated by single-wafer processing using an SiH_2Cl_2-NH_3-H_2 system and in situ H_2 cleaning [for DRAM] 63286

Kobayashi, K., Kimura, M. A knapsack cryptosystem choosing encryption keys 97475

Kobayashi, K., Kimura, M. A consideration on the security improvement of the knapsack cryptosystem 117239

Kobayashi, K., Maniwa, T., Aoki, Y. GaAs MMIC for 2.4 GHz wireless LAN applications 73795

Kobayashi, K., Mizushima, I. Reflow of BeF_2-B_2O_3-GeO_2-SiO_2 glasses and application of their membranes to metal-oxide-silicon (MOS) capacitors 105659

Kobayashi, K., Watanukia, O. Characteristics of photon scanning tunneling microscope read-out 64618

Kobayashi, K., Yamano, K., Kokubun, H., Kobayashi, K. A 50 MHz CMOS pipelined majority logic decoder for (1057, 813) difference-set cyclic code 93278

Kobayashi, K. *see* Adachi, S. 114935

Kobayashi, K. *see* Aizawa, K. 69285

Kobayashi, K. *see* Akiyama, M. 112440

Kobayashi, K. *see* Fujita, K. 61956

Kobayashi, K. *see* Imada, S. 75146

Kobayashi, K. *see* Inoue, Y. 82663

Kobayashi, K. *see* Inoue, Y. 106987

Kobayashi, K. *see* Kobayashi, K. 93278

Kobayashi, K. *see* Kobayashi, R. 65213

Kobayashi, K. *see* Konishi, H. 69911

Kobayashi, K. *see* Kumagai, T. 68347

Kobayashi, K. *see* Kurihara, M. 117164

Kobayashi, K. *see* Lijima, M. 75168

Kobayashi, K. *see* Mazumder, M.K. 94620

Kobayashi, K. *see* Mizoguchi, M. 99201

Kobayashi, K. *see* Ohyama, H. 105874

Kobayashi, K. *see* Ohyama, H. 105880

Kobayashi, K. *see* Okabe, S. 81618

Kobayashi, K. *see* Sapmaz, S. 76405

Kobayashi, K. *see* Shimazawa, K. 95346

Kobayashi, K. *see* Takebe, T. 72821

Kobayashi, K. *see* Teramoto, A. 73336

Kobayashi, K. *see* Teramoto, A. 93391

Kobayashi, K.W. A novel HBT active transformer balanced Schottky diode mixer 83534

Kobayashi, K.W., Kasody, R., Oki, A.K., Streit, D.C. A 5-10 GHz octave-band AlGaAs/GaAs HBT-Schottky diode down-converter MMIC 114319

Kobayashi, K.W., Oki, A.K., Sjogren, L.B., Umemoto, D.K., Block, T.R., Streit, D.C. A monolithic HEMT passive switch with integrated HBT standard logic compatible driver for phased-array applications 104880

Kobayashi, K.W., Smith, D.M., Kau, C.P., Oki, A.K., Sharma, A.K., Allen, B.R., Streit, D.C. A quenchable GaAs HBT X-band VCO for switched band synthesizer architectures 83439

Kobayashi, K.W., Streit, D.C., Oki, A.K., Umemoto, D.K., Block, T.R. A novel monolithic linearized HEMT LNA using HBT tuneable active feedback 93863

Kobayashi, K.W., Tran, L.T., Cowles, J.C., Block, T.R., Oki, A.K., Streit, D.C. Extending the bandwidth performance of heterojunction bipolar transistor-based distributed amplifiers 62322

Kobayashi, K.W., Tran, L.T., Oki, A.K., Streit, D.C. Noise optimization of a GaAs HBT direct-coupled low noise amplifier 83531

Kobayashi, K.W., Umemoto, D.K., Block, T.R., Oki, A.K., Streit, D.C. A monolithically integrated HEMT-HBT low noise high linearity variable gain amplifier 62351

Kobayashi, M. What we must learn from 1995: the great Kobe-earthquake considerations on the distribution power poles 121206

Kobayashi, M., Asai, N., Itoh, Y. A study on parallel type adaptive digital filter based on logarithmic estimation 114113

Kobayashi, M., Esaki, Y. A review of geothermal power generation 102495

Kobayashi, M., Fudoji, H., Egashira, M., Shinya, N. Particles arrangement on dielectric substrates using electron beam 113550

Kobayashi, M., Ishii, M., Harada, K., Usuki, Y., Okuno, H., Shimizu, H., Yazawa, T. Scintillation and phosphorescence of $PbWO_4$ crystals 80004

Kobayashi, M., Ishii, M., Harada, K., Yamaga, I. Bismuth silicate $Bi_4Si_3O_{12}$, a faster scintillator than bismuth germanate $Bi_4Ge_3O_{12}$ 69829

Kobayashi, M., Iwano, S., Nagase, R., Mitachi, S. Fiber physical contact optical connector 95683

Kobayashi, M., Miyamoto, Y., Mitsuhashi, K., Tanaka, Y. A method of visual servoing for autonomous vehicles 86998

Kobayashi, M., Nakazono, T., Mori, K., Nakamura, H., Sato, H., Nakagawa, M., Harada, N. High-mobility poly-Si TFTs with tungsten-polycide gate for 1.9-Mpixel HDTV LCD projector 89372

Kobayashi, M., Oda, T., Murakami, H., Hisaoka, Y., Fukunishii, T., Harada, H. EBT (electron beam trimming) for elimination of a foreign particle on a shadowmask of CRT 83771

Kobayashi, M., Takenoshita, H., Okuda, M. Nondestructive internal observation with high resolution using metal-oxide-semiconductor LSI chip as a specimen 74853

Kobayashi, M. *see* Annis, P. 80121

Kobayashi, M. *see* Hori, Y. 100407

Kobayashi, M. *see* Hori, Y. 100408

Kobayashi, M. *see* Ishii, M. 100808

Kobayashi, M. *see* Kaminaga, K. 102160

Kobayashi, M. *see* Kato, S. 65668

Kobayashi, M. *see* Kobayashi, H. 65367

Kobayashi, M. *see* Kobayashi, S. 90168

Kobayashi, M. *see* Maekawa, T. 89265

Kobayashi, M. *see* Miura, T. 83308

Kobayashi, M. *see* Miura, T. 114197

Kobayashi, M. *see* Miyachi, M. 74201

Kobayashi, M. *see* Nakagawara, O. 84674

Kobayashi, M. *see* Ota, H. 74949

Kobayashi, M. *see* Ota, H. 112022

Kobayashi, M. *see* Shams-Kolahi, W. 114655

Kobayashi, M. *see* Sonoo, M. 101381

Kobayashi, M. *see* Tashiro, K. 106340

Kobayashi, M. *see* Yamada, T. 83858

Kobayashi, M. *see* Yoshida, T. 74334

Kobayashi, N., Hasegawa, M., Hayashi, N., Katsumata, H., Makita, Y., Shibata, H., Uekusa, S. Synthesis of metastable group-IV alloy semiconductors by ion implantation and ion-beam-induced epitaxial crystallization 104028

Kobayashi, N., Hirosawa, H. A filter for reducing speckle in synthetic aperture radar images 68604

Kobayashi, N., Saito, H. Halftoning technique using genetic algorithms 117661

Kobayashi, N., Sakurai, W., Mita, S. Simplified EPRML methods based on selective ACS for high-density magnetic recording channels 75266

Kobayashi, N., Yamada, T., Okamoto, H., Tada, Y., Kurita, A., Sekine, Y. Visualization of results of load flow calculation and dynamic simulation 101690

Kobayashi, N. *see* Ando, S. 65183

Kobayashi, N. *see* Awaji, S. 95404

Kobayashi, N. *see* Chavez-Pirson, A. 83926

Kobayashi, N. *see* Higashida, M. 78269

Kobayashi, N. *see* Honishi, T. 87814

Kobayashi, N. *see* Kimura, K. 84923

Kobayashi, N. *see* Kobayashi, Y. 61204

Kobayashi, N. *see* Makimoto, T. 105693

Kobayashi, N. *see* Miyachi, T. 80020

Kobayashi, N. *see* Murase, S. 95431

Kobayashi, N. *see* Nishida, T. 92700

Kobayashi, N. *see* Nishida, T. 113371

Kobayashi, N. *see* Okamoto, H. 121038

Kobayashi, N. *see* Uwai, K. 105694

Kobayashi, N. *see* Watanabe, K. 95529

Kobayashi, N.P., Ramachandran, T.R., Chen, P., Madhukar, A. In situ, atomic force microscope studies of the evolution of InAs three-dimensional islands on GaAs(001) 72757

Kobayashi, O., Ogawa, H. A liquid-crystal optoelectronic phased array beam forming network 88418

Kobayashi, O. *see* Tsukamoto, S. 73472

Kobayashi, R., Hotta, H., Miyasaka, F., Hara, K., Kobayashi, K. Low-threshold, highly reliable 630 nm-band AlGaIP visible laser diodes with AlInP buried waveguide 65213

Kobayashi, S., Arai, T., Kudo, K. Fractal analysis of 3D simulated tree patterns considering critical field and potential drop 64035

Kobayashi, S., Hashimoto, S. Automated feature extraction of face image and its applications 108735

Kobayashi, S., Iimura, Y., Nishikawa, M. New development in alignment layers for active matrix TN-LCDs 89314

Kobayashi, S., Ishida, M., Yoshida, K., Katsuta, S., Hara, T. DA6000 PHS network tester 68102

Kobayashi, S., Kimoto, T., Matsunami, H. Effects of channel mobility on SiC power metal-oxide-semiconductor field effect transistor performance 84436

Kobayashi, S., Kudo, K. Fractal of 3-dimensional simulation tree considering growing probability 95256

Kobayashi, S., Kudo, K. Chaotic characters of luminous phenomena during AC electrical tree propagation 106305

Kobayashi, S., Nishitani, E., Shimamura, H., Yajima, A., Kishimoto, S., Yoneoka, Y., Uchida, H., Morioka, N. In-situ process monitoring in metal deposition processes 63429

Kobayashi, S., Yamaoka, K., Sato, T., Kobayashi, M. A study of the light collection for avalanche photo diode readout of CsI(Tl) 90168

Kobayashi, S. *see* Du, B. 106372

Kobayashi, S. *see* Fettweis, G. 109283

Kobayashi, S. *see* Fujii, M. 76530

Kobayashi, S. *see* Fujii, M. 93204

Kobayashi, S. *see* Fujii, M. 107862

Kobayashi, S. *see* Harada, Y. 121182

Kobayashi, S. *see* Haraichi, S. 74549

Kobayashi, S. *see* Hasebe, P. 119812

Kobayashi, S. *see* Hashimoto, T. 89347

Kobayashi, S. *see* Hollenbach, U. 95792

Kobayashi, S. *see* Iimura, Y. 119811

Kobayashi, S. *see* Kobayashi, H. 114010

Kobayashi, S. *see* Koike, H. 75061

Kobayashi, S. *see* Limura, Y. 85145

Kobayashi, S. *see* Matsuura, H. 83491

Kobayashi, S. *see* Nishikawa, M. 106870

Kobayashi, S. *see* Nishikawa, M. 119798

Kobayashi, S. *see* Nonomura, S. 94382

Kobayashi, S. *see* Oki, I. 91685

Kobayashi, S. *see* Ono, K. 63184

Kobayashi, S. *see* Seki, M. 115290

Kobayashi, S. *see* Shimomura, R. 64152

Kobayashi, S. *see* Sugiyama, T. 85146

Kobayashi, S. *see* Suzuki, A. 71726

Kobayashi, S. *see* Takagi, H. 81759

Kobayashi, S. *see* Tsunetomo, K. 76232

Kobayashi, S. *see* Tumiran 106304

Kobayashi, S. *see* Ueyama, M. 84922

Kobayashi, S. *see* Ueyama, M. 115896

Kobayashi, S. *see* Yaji, T. 104169

Kobayashi, S. *see* Yamada, Y. 83822

Kobayashi, S.-I. *see* Yagi, R. 106681

Kobayashi, T., Hojo, H., Ono, M. Gas concentration analysis with a quartz friction vacuum gauge 100162

Kobayashi, T., Okazaki, M., Masuda; E., Yamamoto, T., Mano, T., Funasugi, Y. 6× speed CD-ROM CDR-502/602 64620

Kobayashi, T., Tajima, F., Ito, M., Shibukawa, S. Effects of slot combination on acoustic noise from induction motors 102725

Kobayashi, T., Toya, A., Sakaguchi, Y., Ogishima, M. Screening of 66 kV XLPE cable lines by AC withstand voltage test 111638
Kobayashi, T., Xin-Wei Xu, MacMahon, H., Metz, C.E., Doi, K. Effect of a computer-aided diagnosis scheme on radiologists' performance in detection of lung nodules on radiographs 101235
Kobayashi, T., Yokoyama, A. An adaptive neuro-control system of synchronous generator for power system stabilization 111460
Kobayashi, T. *see* Adachi, T. 83123
Kobayashi, T. *see* Asami, S. 98770
Kobayashi, T. *see* Awaya, N. 84202
Kobayashi, T. *see* Awaya, N. 95175
Kobayashi, T. *see* Feng-Zhen Guo 116114
Kobayashi, T. *see* Hinohara, K. 62434
Kobayashi, T. *see* Hongwei, M. 65431
Kobayashi, T. *see* Hotta, E. 110511
Kobayashi, T. *see* Ida, M. 63630
Kobayashi, T. *see* Iwata, T. 98132
Kobayashi, T. *see* Kageyama, T. 100671
Kobayashi, T. *see* Kawahara, T. 73347
Kobayashi, T. *see* Kim, D. 74412
Kobayashi, T. *see* Kozawa, T. 89681
Kobayashi, T. *see* Kurishima, K. 61193
Kobayashi, T. *see* Miyake, H. 92806
Kobayashi, T. *see* Morimoto, A. 96090
Kobayashi, T. *see* Niinomi, M. 113510
Kobayashi, T. *see* Ninomiya, S. 101276
Kobayashi, T. *see* Ohmori, H. 75099
Kobayashi, T. *see* Okubo, K. 103184
Kobayashi, T. *see* Sakaguchi, T. 68924
Kobayashi, T. *see* Sato, H. 111657
Kobayashi, T. *see* Sato, Y. 113849
Kobayashi, T. *see* Shiomi, S. 84818
Kobayashi, T. *see* Shoji, M. 115665
Kobayashi, T. *see* Suzuki, A. 73352
Kobayashi, T. *see* Suzuki, S. 105489
Kobayashi, T. *see* Tachiki, M. 75035
Kobayashi, T. *see* Taira, T. 96200
Kobayashi, T. *see* Taira, T. 116436
Kobayashi, T. *see* Tomohisa, S. 113423
Kobayashi, T. *see* Tsubota, H. 104571
Kobayashi, T. *see* Uesaka, M. 69612
Kobayashi, T. *see* Ullrich, B. 76238
Kobayashi, T. *see* Usami, K. 114983
Kobayashi, T. *see* Vinogradov, A.V. 79738
Kobayashi, T. *see* Yamakawa, S. 76259
Kobayashi, T. *see* Yoda, H. 115704
Kobayashi, T. *see* Zheng, Q. 116710
Kobayashi, T.M. *see* Tsuchiya, K. 89626
Kobayashi, T.M. *see* Yamamoto, A. 89625
Kobayashi, Y., Enoki, H., Zhang, Q., Ohta, T., Terashima, N. A method for recognizing concept in communication service requirement descriptions 98560
Kobayashi, Y., Kobayashi, N. Chemical-bonding structure of InP surface in MOVPE studied by surface photo-absorption 61204
Kobayashi, Y., Koike, J. Multimedia information services for new generation consumers 87905
Kobayashi, Y., Tanaka, N., Matsui, K., Okano, H., Usuki, T., Shibata, K. 1.9-GHz-band surface acoustic wave device using second leaky mode on $LiTaO_3$ 84732
Kobayashi, Y., Yoshihara, O., Nabekawa, Y., Kondo, K., Watanabe, S. Femtosecond measurement of high-order harmonic pulse width and electron recombination time by field ionization 119910
Kobayashi, Y. *see* Fukui, Y. 89371
Kobayashi, Y. *see* Igasaki, Y. 85132
Kobayashi, Y. *see* Koike, K. 63907
Kobayashi, Y. *see* Matsumura, K. 68514
Kobayashi, Y. *see* Matsuoka, S. 77789
Kobayashi, Y. *see* Matsuzaki, S.-I. 103149
Kobayashi, Y. *see* Nakamura, N. 100620
Kobayashi, Y. *see* Shams-Kolahi, W. 94417
Kobayashi, Y. *see* Shams-Kolahi, W. 114655
Kobayashi, Y. *see* Sugihara, H. 90507
Kobayashi, Y. *see* Tada, Y. 78732
Kobayashi, Y. *see* Tanabe, T. 105759
Kobayashi, Y. *see* Tomizawa, M. 109669
Kobayashi, Y. *see* Toyoda, H. 87245
Kobayashi, Y. *see* Yegui Xiao 108358
Kobayashi, Y. *see* Yoshida, N. 85131
Kobayashih, Y. *see* Takaki, H. 79773
Kobayasi, T. *see* Aboshi, M. 81978
Kobayshi, K. *see* Kitanoya, J. 112896
Kobe-Besenicar, S. *see* Saje, B. 106630
Kobeissi, H., Wu, K., Drolet, D., Stubbs, M.G., Larralde, G., Rao, S. Design and performance of an HTS beamforming network for satellite communications 114219
Kobelke, J. *see* Kirchhof, J. 75864
Kober, V., Campos, J. Accuracy of location measurement of a noisy target in a nonoverlapping background 98156
Kober, V. *see* Ahouzi, E. 108647
Kober, V. *see* Moreno, I. 117707
Koberle, R. *see* Campos, A.G. 108581
Kobezhikov, Y.G. *see* Batyaev, I.M. 96186
Koblitz, N. *(editor)* Advances in Cryptology - CRYPTO'96. 16th Annual International Cryptology Conference. Proceedings 92042
Kobrin, P.H. *see* Seabury, C.W. 106467
Kobrinski, H. *see* Sosnosky, J. 77595
Kobsa, H. *see* Afanas'ev, L. 107071
Kobune, M., Fujii, S., Asada, K. Preparation of Mn-modified tetragonal PZT ceramics and their pyroelectric properties 61445
Kobyakov, V.P. State of the structure of single-crystal tungsten emitters with an internal source of oxygen for thermionic energy converters with an oxygen admixture 112424
Kobyakov, V.P. Contribution of the "oxygen effect" to the emission characteristics of single-crystal tungsten emitters in thermionic energy converters 112425
Kobyakova, M.Sh. *see* Chelny, A.A. 96314
Kobylanski, P. *see* Chanas, S. 82510
Kobzarenko, L.N. *see* Kushnarev, F.A. 102420
Kobzev, A.P. *see* Huran, J. 113504
Kobzev, A.P. *see* Lalinsky, T. 63556
Koc, B., Dogan, A., Fernandez, J.F., Newnham, R.E., Uchino, K. Accelerometer application of the modified Moonie (Cymbal) transducer 106387
Koc, C.Kaya *see* Kaya Koc, C.
Koc, U.-V., Liu, K.J.R. Subpixel motion estimation in DCT domain 86489
Koca, A.O., Ege, T. The reflection and transmission characteristics of a frequency selective surface comprising of crossed dipoles on a chiral substrate 116875
Kocak, H. *see* Yaylali, I. 80401
Kocanda, J. *see* Pincik, E. 63289
Kocarev, L., Parlitz, U. Synchronizing spatiotemporal chaos in coupled nonlinear oscillators 108096
Kocarev, L., Parlitz, U., Stojanovski, T. An application of synchronized chaotic dynamic arrays 86111
Kocarev, L. *see* Parlitz, U. 66539
Kocarev, L. *see* Parlitz, U. 67509
Kocarev, L.M., Stojanovski, T.D. Linear conjugacy of vector fields in Lur'e form 104295
Kocemba, I., Paryjczak, T. Metal films on a SnO_2 surface as selective gas sensors 63094
Koch, A. Structured design implementation–a strategy for implementing regular datapaths on FPGAs 61561
Koch, A. Module compaction in FPGA-based regular datapaths 83077
Koch, A., Riekel, C. X-ray video camera with 10 μm spatial resolution 69320
Koch, A.W. *see* Toedter, O. 69028
Koch, C. Coated fiber-optic hydrophone for ultrasonic measurement 111350
Koch, C., Mathur, B. Neuromorphic vision chips 70225
Koch, C., Telle, H.R. Four-wave mixing in laser diodes for difference-frequency synthesis 96700
Koch, C. *see* Horiuchi, T.K. 62109
Koch, C. *see* Indiveri, G. 69324
Koch, C. *see* Indiveri, G. 117533
Koch, C. *see* Sarpeshkar, R. 77508
Koch, C. *see* Telle, H.R. 96271
Koch, D. *see* Papp, A. 60585
Koch, D. *see* Papp, A. 113043
Koch, E. *see* Zhao, J. 118364
Koch, F., Petrova-Koch, V. Light from Si-nanoparticle systems–a comprehensive view 94533
Koch, F. *see* Diener, J. 94268
Koch, F. *see* Enachescu, M. 63493
Koch, F. *see* Fischer, T. 94264
Koch, F. *see* Hartmann, E. 62799
Koch, F. *see* Ihn, T. 105406
Koch, F. *see* Kovalev, D. 94269
Koch, F. *see* Mathur, P.C. 105130
Koch, F. *see* Polisski, G. 74583
Koch, F. *see* Polisski, G. 94303
Koch, F. *see* Radojkovic, P. 63121
Koch, F. *see* Radojkovic, P. 105469
Koch, H. *see* Pfeiffer, W. 81642
Koch, J. *see* Ban, J. 69810
Koch, L. *see* Abbas, K. 101002
Koch, M., Cundiff, S.T., Knox, W.H., Shah, J., Stolz, W. Magnetoexciton wave packets 107574
Koch, M. *see* Cundiff, S.T. 96715
Koch, M. *see* Feldmann, J. 62864
Koch, M. *see* Schefer, J. 69680
Koch, M.W. *see* Wamsley, C.C. 82689
Koch, M.W. *see* Wamsley, C.C. 107242
Koch, N., Kolander, M., Kolanoski, H., Siegmund, T., Bergter, J., Eckstein, P., Schubert, K.R., Waldi, R., Imhof, M., Ressing, D., Weiss, U., Weseler, S. The ARGUS vertex trigger 80129
Koch, R., Straube, W. In-process measurement. SPC measurement station for transmission casings supports in-process self-inspection 113007
Koch, R. *see* Clarkson, A. 65153
Koch, R. *see* Pecoul, S. 76575
Koch, R. *see* Woods, A. 97518
Koch, R.H., Rozen, J.R., Woltgens, P., Picunko, T., Goss, W.J., Gambrel, D., Lathrop, D., Wiegert, R., Overway, D. High performance superconducting quantum interference device feedback electronics 95510
Koch, R.H. *see* Deak, J. 99942
Koch, R.H. *see* Sun, J.Z. 64556
Koch, S.W. *see* Bott, K. 62940
Koch, S.W. *see* Galbraith, I. 75958
Koch, S.W. *see* Giessen, H. 65495
Koch, S.W. *see* Giessen, H. 94524
Koch, S.W. *see* Giessen, H. 96294
Koch, S.W. *see* Haas, S. 96340
Koch, S.W. *see* Hughes, S. 96295
Koch, S.W. *see* Jahnke, F. 96341
Koch, S.W. *see* Jahnke, F. 96396
Koch, T., Rohde, G., Kramer, B. Adaptive scheduler for distributed environments 109029
Koch, T., Ziemann, P. Zr-silicide formation during the epitaxial growth of Y-stabilized zirconia films on Si(100) and its avoidance by ion beam assisted deposition at a reduced temperature 82705
Koch, T. *see* Barrett, R. 99925
Koch, T. *see* Kaminow, I.P. 77942
Koch, T. *see* Steffen, R. 94547
Koch, T. *see* Steffen, R. 105427
Koch, T.L. *see* Raybon, G. 109609
Koch, T.L. *see* Tennant, D.M. 116497
Koch, T.L. *see* Young, M.G. 68418
Koch, V.R. *see* Ein-Eli, Y. 121854
Koch, W. Retrodiction for Bayesian multiple hypothesis/multiple target tracking in densely cluttered environment 109706
Koch, W.A. Adaptive VAr compensator promises an end to capacitor-switching woes 90974
Kochan, A. Sensor research at the French Atomic Energy Commission 69051
Kochan, A. Acousto-magnetics: stop the thief 115865
Kochan Ju *see* Yimin Guo 115716
Kochanowski, W., Kulesz, B. Analysis of operating of induction motor fed by PWM inverter 112513
Kochanowski, W. *see* Glinka, T. 112504
Kochanski, G.P. *see* Zhu, W. 74032
Kochanski, G.P. *see* Zhu, W. 83700
Kochegarov, Yu.V. *see* Vorobjev, L.E. 116558
Kochelap, V. *see* Mickevicius, R. 114739
Kochelap, V.A., Glavin, B.A., Mitin, V.V. Patterns in double-barrier heterostructures with bistable resonant tunneling 115150
Kochelap, V.A., Sokolov, V.N., Zakhleniuk, N.A., Bulashenko, O.M. Limitation and suppression of electron noise in submicrometer semiconductor structures 105089
Kochemasov, G.G., Kulikov, S.M., Sukharev, O. High-power iodine lasers with phase conjugation 116334
Kochemasov, G.G., Kulikov, S.M., Sukharev, S.A. High-power iodine lasers with phase conjugation 116311
Kochemasov, G.G. *see* Bel'kov, S.A. 85699
Kochemasov, G.G. *see* Belkov, S.A. 116681
Kocher, P.C. Timing attacks on implementations of Diffie-Hellman, RSA, DSS, and other systems 97496
Kocher, T.E. *see* Yip, K.L. 120386
Kochereshko, V.P., Sandler, G.L., Davydov, V.Y., Suris, R.A., Belousov, M.V., Lavallard, P., Planel, R. Reflectivity spectra as a probe of the interface structure in short-period GaAs/AlAs superlattices near the type-I-type-II transition 105323
Kochergov, E.G. *see* Cheushev, V.A. 108633
Kochetkov, V. *see* David, G. 80077
Kochetkov, V. *see* David, G. 100863
Kochetkov, V.I. *see* Belikov, S.V. 120187
Kochetov, I.V. *see* Golovin, A.S. 75805
Kochetov, I.V. *see* Napartovich, A.P. 107070
Kochetov, V.I. *see* Udalov, Y.B. 107103
Kochi, H. *see* Kariya, K. 119515
Kochnev, A.A. *see* Cherepanov, V.B. 112245
Kochnev, A.V. *see* Danilevich, Ya.B. 71282
Kochnev, I.V. *see* Kop'ev, P.S. 107351
Kochnev, I.V. *see* Ledentsov, N.N. 92737
Kochs, H.-D., Dieterle, W., Dittmar, E. Reliability evaluation of highly reliable computer control systems for energy generation, transmission and distribution 70681
Kochs, H.-D. *see* Dieterle, W. 101846
Kochut, K.J. *see* Potter, W.D. 60876
Kociecka, K. Statistic research on the resistance of arc in a controlled double-break-spark-gap 91226
Kocik, J. *see* Ruscak, M. 71087
Kock, A., Golshani, A., Hainberger, R., Finger, N., Gmachl, C., Gornik, E., Korte, L. Quasi-single-mode surface-emitting laser diodes based on surface mode emission 96255
Kock, A. *see* Gmachl, C. 65325
Kock, A. *see* Golshani, A. 116535
Kock, A. *see* Wirner, C. 74448
Kock, E.A.de *see* de Kock, E.A.
Kock, N.de *see* de Kock, N.
Kock, T.J.J.M., de Ruiter, B. A radiation-crosslinkable thiophene copolymer 104184
Kock, W., Martinz, H.-P., Greiner, H., Janousek, M. Development and processing of metallic Cr based materials for SOFC parts 81833
Kock, W. *see* Greiner, H. 81836
Kocka, J., Oswald, J., Fejfar, A., Sedlacik, R., Zelezny, V., The-Ha, H., Luterova, K., Pelant, I. Charge transport in porous silicon: considerations for achievement of efficient electroluminescence 94293
Kocka, J., Pelant, I., Fejfar, A. Light emitting silicon, recent progress 95959
Kocka, J. *see* El-Kader, K.M.A. 94319
Kocka, J. *see* Fejfar, A. 94392
Kocka, J. *see* Fejfar, A. 102970
Kocka, J. *see* Linnros, J. 96016
Kocourek, J. Replacement of steam generators in a challenging market [nuclear power stations] 81289
Kocourek, J. SG replacement project update [nuclear reactor steam generator] 91296
Kocper, B. *see* Braunschweig, W. 120173
Kocsis, M. *see* Chechik, R. 80151
Kocsis, T. *see* Tarnay, K. 63681

Kocur, C.M., Rogers, S.K., Myers, L.R., Burns, T., Kabrisky, M., Hoffmeister, J.W., Bauer, K.W., Steppe, J.M. Using neural networks to select wavelet features for breast cancer diagnosis 70086
Kocur, D., Drutarovsky, M., Marchevsky, S. A new class of nonlinear filters: Microstatistic Volterra filters 62045
Kocur, D. *see* Levicky, D. 66838
Koda, H., Tanaka, H. A new method of measuring the blocking effects of images based on cepstral information 117856
Koda, N., Sasao, T. A simplification method for AND-EXOR expressions for multiple-output functions 104459
Koda Wang *see* Daxing Han 102998
Kodaira, M. *see* Yonehara, H. 89802
Kodaira, T. *see* Matsubayashi, M. 104678
Kodaira, T. *see* Seto, Y. 120904
Kodal, A. *see* Sahin, B. 81914
Kodali, V.P. *see* Bhargava, V.K. *(editor)* 92040
Kodama, E. *see* Shinohara, K. 121183
Kodama, H., Eguchi, M., Nakata, H., Takebayashi, T. Utility interactive inverter with high-frequency link for photovoltaic power system 111842
Kodama, H. *see* Furukawa, T. 106335
Kodama, K. *see* Naito, M. 77501
Kodama, M. New algorithm on the recurrence method for numerical calculation of Bessel function of complex order 60916
Kodama, M., Funabashi, H., Mitsushima, Y., Taga, Y. SPE method by clean surface formation using SiH_4 and evaluation of SOI layer 113387
Kodama, N. *see* Dean, C. 84776
Kodama, N. *see* Ohtsu, T. 115734
Kodama, N. *see* Okumura, F. 100198
Kodama, N. *see* Suzuki, H. 106585
Kodama, R. *see* Daido, H. 96101
Kodama, R. *see* Kato, Y. 116299
Kodama, S. *see* Fujikura, H. 105612
Kodama, S. *see* Suzuki, S. 63694
Kodama, T. *see* Nakajima, A. 71822
Kodama, Y., Sato, H. Michelson-interferometer type CO_2 laser for specification to lineshape parameter analysis 96570
Kodama, Y., Sato, H. Room-temperature operation of DC axially discharged fast axial-flow CO laser 107074
Kodama, Y., Wabnitz, S. Theory of NRZ transmission control 78667
Kodama, Y., Wabnitz, S., Tanaka, K. Control of nonreturn-to-zero signal distortion by nonlinear gain 64669
Kodanev, V. *see* Zakharov, Yu. 67934
Kodanev, V.P., Piskarev, S.P. Optimization of a digital underwater communication system for a one-ray environment 99603
Kodate, K. *see* Ohya, Y. 87240
Kodate, K. *see* Thapliya, R. 87246
Kodato, S., Wakabayashi, T., Zhuang, Q., Uchida, S. New structure for dc-60 GHz thermal power sensor 89051
Koden, M., Tagawa, A., Miyoshi, S. Switching behavior of surface stabilized ferroelectric liquid crystal devices with chevron layer structure 95869
Kodera, K. *see* Kajihara, M. 72306
Kodera, K. *see* Oobuchi, T. 81828
Kodis, M.A., Garven, M., Bozler, C.O., Rathman, D.D., Harris, C.T., Lincoln, G.A., Mathews, R.H., Rabe, S., Murphy, R.A., Hollis, M.A., Goplen, B., Smithe, D.N. Progress toward a twystrode with a gated FEA cathode 105010
Kodis, M.A., Jensen, K.L., Zaidman, E.G., Goplen, B., Smithe, D.N. Optimization of field emission arrays for inductive output amplifiers 83744
Kodis, M.A., Jensen, K.L., Zaidman, E.G., Goplen, B., Smithe, D.N. Operation and optimization of gated field emission arrays in inductive output amplifiers 105009
Kodis, M.A., Vanderplaats, N.R., Zaidman, E.G., Jensen, K., Garven, M., Freund, H.P., Goplen, B., Smithe, D.N. Helical twystrode experiments 62625
Kodis, M.A. *see* Freund, H.P. 105074
Kodis, M.A. *see* Garven, M. 74067
Kodis, M.A. *see* Garven, M. 105033
Kodis, M.A. *see* Jensen, K.L. 73929
Kodis, M.A. *see* Jensen, K.L. 83734
Kodis, M.A. *see* Jensen, K.L. 83735
Kodis, M.A. *see* Jensen, K.L. 104995
Kodis, M.A. *see* Saeyoung Ahn 74068
Kodis, M.A. *see* Smithe, D.N. 62632
Kodis, M.A. *see* Zaidman, E.G. 62624
Kodis, M.A. *see* Zaidman, E.G. 73998
Kodis, M.A. *see* Zaidman, E.G. 83745
Kodis, M.A. *see* Zaidman, E.G. 105013
Kodituwakku, S.R. *see* Qi Yulu 117189
Kodnani, R. *see* Malik, S.K. 83652
Kodner, I.J. *see* Meigooni, A.S. 80456
Kodoll, W. *see* Tanaka, T. 64113
Koduru, C. *see* Boyhan, J.W. 88446
Kodymova, J., Spalek, O., Lunak, S., Juha, L., Hamplova, V. Investigation of possibility of $O_2(^1\Delta_g)$ generation by photodynamic effect in solid-gas system: An opportunity for oxygen-iodine laser? 116325
Kodymova, J., Spalek, O., Rohlena, K., Beranek, J. COIL related activities in the Czech Republic 107062
Kodymova, J. *see* Spalek, O. 116324
Kodytek, T. *see* Haas, M. 109868
Kodzasa, T. *see* Kamata, T. 76170
Kodzasa, T. *see* Kamata, T. 76225
Koebel, A. *see* Zheng, Y. 72841
Koebis, S. *see* Drescher, P. 105007
Koebis, S. *see* Hartmann, P. 120119
Koeble, C. *see* Walter, T. 92941
Koegler, R. *see* Perez-Rodriguez, A. 94712
Koegst, M., Franke, G., Feske, K. State assignment for FSM low power design 113823
Koehler, A., Wittmann, H.F., Friend, R.H., Khan, M.S., Lewis, J. Enhanced photocurrent response in photocells made with platinum-poly-yne/C_{60} blends by photoinduced electron transfer 64944
Koehler, A. *see* Cervini, R. 72968
Koehler, D.E. Tips for police cruiser installations 119058
Koehler, G.J. *see* Aytug, H. 72522
Koehler, J.A., Sofko, G.J. The SAPPHIRE CW auroral radar system 101550
Koehler, M. *see* Brauksiepe, S. 100815
Koehler, R., Feser, K., Schiel, L., Schuster, N., Hofsmoen, W.F. Restricted earth-fault protection for power transformers 102807
Koehler, R. *see* Fandrich, F. 119723
Koehler, R.C. *see* Goel, V. 120436
Koehler, S.D., Garmire, E.M., Kost, A.R., Yap, D., Docter, D.P., Hasenberg, T.C. Design and measurement of an MQW nipi waveguide modulator for optoelectronic integrated circuits 65003
Koehler, T.R., Williams, M.L. Micromagnetic simulation of 10 Gb/in^2 spin-valve heads 115719
Koehn, S.C., Swenson, D.E. Technology changes ESD protection 107746
Koelbl, B.A. Measurement method for output port reflectance of an erbium-doped fiber amplifier 107153
Koelink, H.T. Yet another basic analogue of Graf's addition formula 72571
Koelle, D. *see* Clarke, J. 64548
Koelle, D. *see* Gross, R. 64557
Koelle, D. *see* Ludwig, F. 64554
Koeltzsch, W. *see* Eriksen, V. 112485
Koelzer, R. Exploit the power of VSWR measurements 76621
Koenderink, J. *see* Florack, L. 67202
Koenderink, J.J., van Doorn, A.J., Christou, C., Lappin, J.S. Shape constancy in pictorial relief 117683
Koenderink, J.J., Van Doorn, A.J., Stavridi, M. Bidirectional reflection distribution function expressed in terms of surface scattering modes 60946
Koenderink, J.J. *see* Rosenholtz, R. 86455
Koenders, L. *see* Koening, R. 74588
Koene, B. *see* Adam, W. 69709
Koeneke, K. *see* Francisco, H.A. 62420
Koenen, M., Bruckner, J., Fabian, U., Kruse, H., Wanke, H., Schroeder, A., Starr, R., Evans, L.G., Trombka, J.I., Drake, D.M., Englert, P.A.J., Dempsey, J. Analysis of radiation damaged HPGe detectors with a new algorithm 100875
Koeng Su Lim *see* Jong-Wook Lee 85314
Koeng Su Lim *see* Jong-Wook Lee 107001
Koeng-Mo Sung *see* Jun-Seok Lim 61464
Koeng-Su Lim *see* Jinsoo Song 62724
Koenig, D. *see* Mauthe, G. 64161
Koenig, E. *see* Peters, D. 114270
Koening, R., Jusko, O., Koenders, L. An investigation of nanostructures produced by scanning tunneling microscope 74588
Koeninger, V. *see* Uchida, H.H. 115858
Koepernik, J., Budzier, H., Hofmann, G. Influence of non-ideal chopper design on nonuniformity in uncooled pyroelectric staring array systems 69301
Koepke, G.H. *see* Hill, D.A. 65885
Koeppe, P.F. *see* Coney, R.G. 80922
Koeppen, M., Moore, J. Test of the UltraSPARC™-I microprocessor 61932
Koerkamp, M.Groot *see* Groot Koerkamp, M.
Koerner, E. *see* Wright, J.J. 101391
Koerner, H.-J. *see* Gernhaeuser, R. 69126
Koerner, H.-J. *see* Zeitelhack, K. 69712
Koerner, U. *see* Schilling, M. 99599
Koester, D.A. *see* Markus, K.W. 74872
Koester, D.P. *see* McAuliffe, D.J. 80716
Koester, S.J., Brar, B., Bolognesi, C.R., Caine, E.J., Patlach, A., Hu, E.L., Kroemer, H., Rooks, M.J. Length dependence of quantized conductance in ballistic constrictions fabricated on InAs/AlSb quantum wells 74421
Koetke, D.D., Dombeck, T. A direct-current pion focusing magnet for low energy in-flight muon-neutrino beams 110520
Koetke, D.D. *see* Szymanski, J.J. 110589
Koetsem, J.Van *see* Van Koetsem, J.
Koever, A., Varga, D., Cserny, I., Szmola, E., Morik, G., Gulyas, L., Tokesi, K. A distorted field cylindrical mirror electron analyzer. 2. Performances and application for studying ion-atom collisions 69873
Kofane, T.C. *see* Tiwang, R.F. 64542
Kofidis, E., Theodoridis, S., Kalouptsidis, N. On the perfect reconstruction problem in N-band multirate maximally decimated FIR filter banks 117314
Kofidis, E., Theodoridis, S., Kotropoulos, C., Pitas, I. Nonlinear adaptive filters for speckle suppression in ultrasonic images 117674
Kofman, D. *see* Gagnaire, M. 118493
Kofman, W., St-Maurice, J.-P. Non-thermal ionospheric plasma studies using the incoherent scatter technique 80629
Kofman, W. *see* Herique, A. 101500
Kofronova, M. Preliminary results of ocular artefacts identification in EEG series by neural network 90516
Kofstad, P. *see* Kononchuk, O.F. 81789
Kofuji, N., Tsujimoto, K., Mizutani, T. Sub-quarter micron poly-Si etching with positive pulse biasing technique 105677
Koga, A., Suzumori, K., Miyagawa, T., Sekimura, M. Attachment/detachment electrostatic micro actuators for pan-tilt drive of a micro CCD camera 74968
Koga, A. *see* Kobayashi, A. 96534
Koga, A. *see* Miyauchi, Y. 96464
Koga, A. *see* Tomimasu, T. 76063
Koga, A. *see* Tomimasu, T. 107395
Koga, A. *see* Zako, A. 96484
Koga, H. *see* Kinoshita, K. 77983
Koga, H. *see* Tanigawa, T. 93359
Koga, J., Toriumi, A. Negative differential conductance in three-terminal silicon tunneling device 105978
Koga, J. *see* Homma, S. 121332
Koga, K. *see* Fukuhara, S. 121201
Koga, K. *see* Senoo, M. 111740
Koga, M., Hamazumi, Y., Sato, K., Ohmori, Y. Transport experiment of 320 Gbit/s throughput non-regenerative optical path cross-connect system 99553
Koga, M., Hamazumi, Y., Watanabe, A., Okamoto, S., Obara, H., Sato, K.-I., Okuno, M., Suzuki, S. Design and performance of an optical path cross-connect system based on wavelength path concept 78895
Koga, M., Hirasawa, K., Obayashi, M., Murata, J. New random search method for global optimization by using gradient information–likelihood search method (LSM) 103705
Koga, M., Watanabe, A., Okamoto, S., Sato, K.-I., Okuno, M. 8×16 delivery-and-coupling type optical switches for a 320 Gbit/s throughput optical path cross-connect system 78325
Koga, M., Watanabe, A., Okamoto, S., Sato, K.-I., Okuno, M. 8×16 delivery-and-coupling-type optical switches for a 320-Gbit/s throughput optical path cross-connect system 88051
Koga, M. *see* Hamazumi, Y. 88053
Koga, M. *see* Kasuga, S. 80014
Koga, M. *see* Miyao, H. 62093
Koga, M. *see* Teshima, M. 116094
Koga, R. Single-event effect ground test issues 70336
Koga, R., Kirshman, J.F., Pinkerton, S.D., Hansel, S.J., Crawford, K.B., Crain, W.R. Serendipitous SEU hardening of resistive load SRAMs 73390
Koga, R., Kirshman, J.F., Pinkerton, S.D., Hansel, S.J., Crawford, K.B., Crain, W.R. Serendipitous SEU hardening of resistive load SRAMs 104556
Koga, R. *see* Ahmed, A. 75564
Koga, R. *see* Ming Wang 96602
Koga, R. *see* Nichols, D.K. 63854
Koga, S. *see* Shimoi, N. 89049
Koga, T., Nagai, H., Nakano, M., Bangji Gong Improvement of motor drive system by nominal model tracking system using hysteresis element 91805
Koga, T. *see* Aimoto, Y. 73442
Koga, T. *see* Aoki, Y. 78845
Koga, T. *see* Ichikawa, F. 106664
Koga, T. *see* Ogata, T. 68528
Koga, T. *see* Oyama, J. 81558
Koga, T. *see* Oyama, J. 91625
Koga, T. *see* Oyama, J. 121670
Koga, T. *see* Yabe, Y. 113980
Koga, Y. *see* Kawamura, K. 93505
Koga, Y. *see* Kohiyama, K. 109918
Koga, Y. *see* Yamagata, Y. 73452
Koga, Y. *see* Yamaguchi, T. 60695
Kogami, Y. *see* Matsumura, K. 65930
Kogan, A., Sudit, E.F., Vasarhelyi, M.A. Implications of Internet technology: on-line auditing and cryptography 78031
Kogan, A.S. *see* Balkarei, Yu.I. 62098
Kogan, B.V. *see* Blinov, Yu.I. 71930
Kogan, E. *see* Hughes, R.J.F. 95019
Kogan, F. *see* Gitelson, A. 120885
Kogan, J.A. Hidden Markov models estimation via the most informative stopping times for Viterbi algorithm 66565
Kogan, M. *see* Wang, D. 100563
Kogan, S.M. *see* Davids, P.S. 116257
Kogane, Y. *see* Matsukura, Y. 111656
Koganezawa, S., Takaishi, K., Mizoshita, Y., Uematsu, Y., Yamada, T., Hasegawa, S., Ueno, T. A flexural piggyback milli-actuator for over 5 Gbit/in.^{2} density magnetic recording 115797
Koganezawa, S. *see* Aruga, K. 64404
Kogge, P.M. *see* Sunaga, T. 113975
Kogiku, I. *see* Monden, M. 98994
Kogler, R. *see* Heera, V. 104052
Kogler, R. *see* Henkel, T. 74532
Kogler, R. *see* Serre, C. 61248
Kogon, S.M., Manolakis, D.G. Signal modeling with self-similar α-stable processes: the fractional Levy stable motion model 66712
Kogut, A. CMB spectrum measurements after COBE 99698

Kogut, A. *see* Kharkovsky, S. 83364
Kogut, A. *see* Smoot, G.F. 99702
Koh, H. *see* Muraji, H. 89369
Koh, H.J., Fukuda, T. Si$_{1-x}$Ge$_x$ mixed crystals grown by pulling-down technique with multi-capillary channels 61154
Koh, H.J. *see* Fukuda, T. 92671
Koh, J. *see* Sarkar, T.K. 108009
Koh, M., Horita, K., Shigeta, B., Igarashi, K., Matsukawa, T., Tanii, T., Mori, S., Ohdoman, I. Quantitative investigation of localized ion irradiation effects in n-channel metal-oxide-semiconductor field-effect transistors using single ion microprobe 74721
Koh, M. *see* Tanii, T. 73372
Koh, S., Ye, L. Modeling, simulation, and verification of photonic integrated circuits using VHDL 96055
Koh, S.K., Yoon, Y.S., Kim, K.H., Jung, H.J., Lee, J.Y. Room-temperature growth of Cu thin films by nozzle-type partially ionized beam deposition with various acceleration voltages 94828
Koh, S.K. *see* Yoon, Y.S. 95636
Koh, S.N., Choo, W.B., Sivaprakasapillai, P. 7 kHz wideband speech coding using adaptive wavelet transform 97629
Koh, S.N. *see* Qiu, L. 76862
Koh, W. Encapsulants for chip on board and chip scale packaging 103460
Koh, W., Chang, M. Reduction of air entrapment in syringe-filled microelectronic encapsulants 82222
Koh, W.H. High thermal conductance liquid encapsulants for direct chip attach 112929
Koh, W.H., Tai, B.H., Kolawa, E.A. Low stress encapsulants for reduced failures in plastic packages 112975
Koh, Y.-B. *see* Choi, S.-J. 105785
Koh, Y.B. *see* Kim, Y.J. 114914
Koh, Y.B. *see* Yeo, J.-H. 115069
Koh, Y.B. *see* Yeo, J.-H. 115070
Koh Chang Seop *see* Chang Seop Koh
Koh Changsub *see* Changsub Koh
Koh Eng Hean *see* Eng Hean Koh
Koh Hee-Seok *see* Hee-Seok Koh
Koh Jong-Seog *see* Jong-Seog Koh
Koh Joohyun *see* Joohyun Koh
Koh Kern *see* Kern Koh
Koh Liang-Seng *see* Liang-Seng Koh
Koh Seok-Keun *see* Seok-Keun Koh
Koh Seungug *see* Seungug Koh
Koh Soo Ngee *see* Soo Ngee Koh
Koh Sung Shick *see* Sung Shick Koh
Koh Taek-Beom *see* Taek-Beom Koh
Koh Wei *see* Wei Koh
Koh Yeon Wan *see* Yeon Wan Koh
Koh Yo Hwan *see* Yo Hwan Koh
Koh Yo-Hwan *see* Yo-Hwan Koh
Koh Yong Chaw *see* Chaw Koh Yong
Koh Yong-Nam *see* Yong-Nam Koh
Koh Young Bum *see* Young Bum Koh
Koh Young-Bum *see* Young-Bum Koh
Kohama, K., Ohgihara, T., Murakami, Y. High power DPDT antenna switch MMIC for digital cellular systems 114318
Kohama, T., Ninomiya, T., Wakamatsu, M., Shoyama, M. Static and dynamic response of a parallel-module high power-factor converter system with current-balancing controllers 121780
Kohama, Y. *see* Ohiso, Y. 96377
Kohara, H. *see* Furong Zhu 82758
Kohara, N. *see* Hashimoto, Y. 114947
Kohara, N. *see* Wada, T. 121895
Kohari, Z. *see* Tarnay, K. 63681
Kohari, Zs. *see* Szekely, V. 115338
Kohashi, T., Matsuyama, A.H., Haginoya, C., Koike, K., Miyamoto, H., Ushiyama, J. Mark observation of TbFeCo recorded on land/groove substrate by spin-polarized scanning electron microscopy 75070
Kohata, M. A new interpolation method with recurrent neural networks and its application to speech coding 66606
Kohata, M. Interpolation of LSP coefficients using recurrent neural networks 97600
Kohata, M. *see* Fujita, H. 121655
Kohata, M. *see* Oku, K. 121123
Kohaupt, R.-D. Multi-bunch systems at DESY 100627
Kohda, H. *see* Werner, P. 83845
Kohda, S. *see* Kawada, T. 119816
Kohda, T., Inoue, K. Optimization of failure diagnosis procedure based on diagnosis error loss 60698
Kohda, T., Inoue, K. Probabilistic assessment of hazards and safety 117397
Kohda, T., Tsuneda, A. Chaotic bit sequences for stream cipher cryptography and their correlation functions 66541
Kohda, Y., Endo, S. Ubiquitous advertising on the WWW: merging advertisement on the browser 77968
Kohda, Y. *see* Hiraiwa, S. 87743
Kohiki, S. *see* Ohyama, H. 116228
Kohin, M. Scatter reducing step: theory and measurements 76374
Kohinata, N. *see* Yoshimura, T. 79507
Kohira, H. *see* Akiyama, N. 89495
Kohiyama, K., Shirai, H., Ogawa, K., Manakata, A., Koga, Y., Ishizaki, M. Architecture of MPEG-2 digital set-top-box for CATV VOD system 109918
Kohl, A. *see* Behet, M. 61279
Kohl, A. *see* Behres, A. 105335
Kohl, A. *see* Cho, G.C. 114727
Kohl, A. *see* Mertens, K. 95776
Kohl, A. *see* Opitz, B. 94558
Kohl, D. Fundamentals and new applications of semiconductor gas sensors 69372
Kohl, D., Kelleter, J. Multisensor system for partial pressure ratios of gas species 119771
Kohl, M., Gottert, J., Mohr, J. Verification of the micromechanical characteristics of electrostatic linear actuators 84649
Kohl, M. *see* Forcht, K. 79734
Kohl, M. *see* Jondral, F. 99410
Kohl, M. *see* Quandt, E. 82782
Kohl, P.A. *see* Dudel, F.P. 116215
Kohl, P.A. *see* Rieger, M.M. 63347
Kohl, P.A. *see* Shick, R.A. 62536
Kohl, R. *see* Eggers, G. 73676
Kohlenberg, I. *see* Beylot, A.-L. 117999
Kohler, A. *see* Rosler, K.M. 90544
Kohler, B. *see* Tien, A.-C. 79742
Kohler, J.M., Steinhage, G., Krause, J., Cammann, K. Heat dissipation in small drops on free-standing membranes studied using thin film thermopiles 88999
Kohler, J.M. *see* Schubert, M. 119865
Kohler, K. Molecular beam epitaxy of GaAs/Al$_x$Ga$_{1-x}$As/In$_y$Ga$_{1-y}$As heterostructures for opto-electronic devices: control of growth parameters 104020
Kohler, K. *see* Alphenaar, B.W. 105865
Kohler, K. *see* Bangert, A. 69189
Kohler, K. *see* Bangert, A. 83495
Kohler, K. *see* Bronner, N. 64991
Kohler, K. *see* Brunthaler, G. 62966
Kohler, K. *see* Dekorsy, T. 63037
Kohler, K. *see* Haupt, M. 82633
Kohler, K. *see* Haupt, M. 92780
Kohler, K. *see* Hurm, V. 109629
Kohler, K. *see* Leisching, P. 63036
Kohler, K. *see* Lutjering, G. 105431
Kohler, K. *see* Schlechtweg, M. 114321
Kohler, K. *see* Sigg, H. 105187
Kohler, K. *see* Wang, Z.-G. 99476
Kohler, K. *see* Wang, Z.-G. 119130
Kohler, K. *see* Wisniewski, P. 105290
Kohler, K. *see* Zhi-Gong Wang 73504
Kohler, M.A. *see* Collura, J.S. 118696
Kohler, R., Goebel, R., Pello, R. Results of an international comparison of spectral responsivity of silicon photodetectors 89067
Kohler, R., Goebel, R., Pello, R., Touayar, O., Bastie, J. First results of measurements with the BIPM cryogenic radiometer and comparison with the INM cryogenic radiometer 89079
Kohler, R., Raidt, H., Banhart, F., Jenichen, B., Gutjahr, A., Konuma, M., Silier, I., Bauser, E. Semiconductor epitaxial and nonepitaxial overgrowth from solutions 113349
Kohler, R. *see* Goebel, R. 89075
Kohler, R. *see* Goebel, R. 99999
Kohler, R. *see* Neumann, N. 110156
Kohler, R. *see* Raidt, H. 113379
Kohler, T. *see* Degermark, M. 118589
Kohler, T. *see* Veith, M. 115884
Kohler, U., Guber, A.E., Bier, W. Manufacturing microlenses by plasmaless isotropic etching combined with plastic molding 64864
Kohler, U., Guber, A.E., Bier, W., Heckele, M. Fabrication of microlenses by plasmaless isotropic etching combined with plastic moulding 84636
Kohler, U., Guber, A.E., Bier, W., Hekele, M., Schaller, T. Fabrication of microlenses by combining silicon technology, mechanical micromachining and plastic molding 101268
Kohler, U. *see* Guber, A.E. 61345
Kohler, W. *see* Dengler, K. 81167
Kohlhase, A. *see* Glasow, A.V. 115032
Kohlhase, A. *see* Papp, A. 60585
Kohlhase, N., Birkhofer, H. Development of modular structures: the prerequisite for successful modular products 112843
Kohlhepp, P. Combining region and edge based segmentation for robust 3D localization in range images 86835
Kohli, M. *see* Muralt, P. 84722
Kohli, S.S. *see* Banerjee, S. 69938
Kohling, A. CE conformance marking–what for? 92162
Kohlmeyer, A. *see* Jahnke, B. 81084
Kohlmeyer, A. *see* Jahnke, B. 91181
Kohlmyer, S.G. *see* Lewellen, T.K. 101277
Kohlmyer, S.G. *see* Lewellen, T.K. 101344
Kohlmyer, S.K. *see* Kaplan, M.S. 101087
Kohlmyer, S.K. *see* Miyaoka, R.S. 90425
Kohlova, V. *see* Kudrna, J. 94255
Kohlova, V. *see* Tomasiunas, R. 94254
Kohlstedt, H. *see* Klushin, A.M. 106695
Kohlstedt, H. *see* Ustinov, A.V. 115912
Kohlstedt, H. *see* Ustinov, A.V. 115949
Kohmoto, S. *see* Yoshikawa, T. 84157
Kohmura, Y. *see* Ohashi, T. 99891
Kohn, E., Lipka, K.-M. Low temperature grown GaAs materials and devices: present status and trends 82666
Kohn, E. *see* Boudart, B. 74756
Kohn, E. *see* Gluche, P. 63576
Kohn, E. *see* Hancheng Liang 89512
Kohn, E. *see* Strahle, S. 104832
Kohn, E. *see* Thomas, H. 105982
Kohn, E. *see* Vescan, A. 84152
Kohn, E. *see* Wolter, S.D. 72891
Kohn, O. *see* Henschel, H. 75506
Kohn, O. *see* Henschel, H. 75507
Kohn, O. *see* Henschel, H. 106814
Kohn, O. *see* Henschel, H. 106816
Kohn, O. *see* Liscka, H. 107017
Kohn, R. *see* Smith, M. 103595
Kohnke, G.E., Erdogan, T., Strasser, T.A., White, A.E., Milbrodt, M.A., Henry, C.H., Laskowski, E.J. Planar waveguide Mach-Zender bandpass filter fabricated with single exposure UV-induced gratings 88561
Kohnke, G.E., Henry, C.H., Laskowski, E.J., Cappuzzo, M.A., Strasser, T.A., White, A.E. Silica based Mach-Zehnder add-drop filter fabricated with UV induced gratings 95939
Kohno, A., Sasaki, Y., Horino, M., Usami, M., Tokuda, M., Sahara, K. Si circuit chip joining technology using Ar atom bombardment 112908
Kohno, M. *see* Oikawa, H. 84122
Kohno, M. *see* Sakai, T. 83863
Kohno, O. *see* Fuji, H. 95423
Kohno, O. *see* Iwasaki, S. 95536
Kohno, O. *see* Noto, K. 71586
Kohno, O. *see* Sadakata, N. 91772
Kohno, R., Ishii, N., Nagatsuka, M. A spatially and temporally optimal multi-user receiver using an array antenna for DS/CDMA 88387
Kohno, R. *see* Ishii, N. 68308
Kohno, R. *see* Jianming Wu 67904
Kohno, R. *see* Jianming Wu 87966
Kohno, R. *see* Jitsukawa, D. 68307
Kohno, R. *see* Jitsukawa, D. 118025
Kohno, R. *see* Saifuddin, A. 68100
Kohno, R. *see* Saifuddin, A. 68181
Kohno, R. *see* Saifuddin, A. 68198
Kohno, R. *see* van Rooyen, P. 67569
Kohno, R. *see* Wang, K. 117605
Kohno, R. *see* Wu, J. 68285
Kohno, R. *see* Yamamura, H. 68066
Kohno, R. *see* Yoshii, I. 117344
Kohno, T., Tsuruta, S., Kanda, M. The hydrogen storage properties of new Mg$_2$Ni alloy 121855
Kohno, T. *see* Ozue, T. 115789
Kohno, T. *see* Shimamura, K. 82579
Kohno, T. *see* Usui, M. 72613
Kohno, T. *see* Yoshida, S. 64400
Kohno, Y. *see* Itoh, Y. 104876
Kohno, Y. *see* Saitoh, W. 84334
Kohnosu, T. *see* Ogino, A. 97477
Kohns, N. IF amplifier with wide range of adjustment 82959
Kohonen, T. New developments and applications of self-organizing maps 108598
Kohoutek, H.J. Reflections on the capability and maturity models of engineering processes 72180
Kohriki, T., Kondo, T., Iwasaki, H., Terada, S., Unno, Y., Ohsugi, T. First observation of thermal runaway in the radiation damaged silicon detector 80039
Kohriki, T. *see* Unno, Y. 80035
Kohriki, T. *see* Unno, Y. 100858
Kohrin, T. *see* Hanaoka, R. 114358
Kohzaki, S. *see* Shinomiya, T. 79617
Koibuchi, K., Ohno, T., Sawa, K. An approach for optimal design of switched reluctance motor by finite element method 102675
Koichi Kato Surface structure and doping-induced etching of Si(100) by chlorine: first-principles study 94800
Koichi Sayano *see* Feng Zhao 95661
Koide, A. *see* Ohbuchi, R. 101137
Koide, A. *see* Shikida, M. 116833
Koide, H. *see* Someya, Y. 81755
Koide, T., Nakajima, N., Shidara, T., Miyauchi, H., Kawabe, H., Fukutani, H., Fujimori, A., Iio, K., Katayama, T., Suzuki, Y. Magnetic circular X-ray dichroism in Co/Pt multilayers 75177
Koide, T., Suzuki, T., Wakabayashi, S., Yoshida, N. A standard cell global routing algorithm with net selection for over-the-cell routing 61549
Koide, Y., Hashimoto, K., Ishikawa, H., Tsukui, K., Oku, T., Murakami, M., Teraguchi, N., Tomomura, Y., Suzuki, A. Cd-based ohmic contact materials to p-ZnSe 74461
Koide, Y. *see* Ishikawa, H. 83982
Koide, Y. *see* Wakimoto, H. 63119
Koidl, P. *see* Fuchs, F. 74444
Koidl, P. *see* Samlenski, R. 92740
Koidl, P. *see* Schneider, H. 69163
Koidl, P. *see* Schneider, H. 89061
Koidl, P. *see* Wagner, J. 62985
Koifman, A., Zabele, S. RAMP: a reliable adaptive multicast protocol 87470
Koijk, J.F.van der *see* van der Koijk, J.F.
Koike, A., Kitazume, H., Saito, H., Ishizuka, M. On end system behavior for explicit forward congestion indication of ABR service and its performance 67513
Koike, A. *see* Do, L.M. 85304
Koike, A. *see* Fujihira, M. 85274
Koike, A. *see* Katsuno, S. 118309
Koike, A. *see* Shimizu, A. 84072
Koike, F. *see* Hasegawa, N. 115628
Koike, F. *see* Kato, Y. 116299

Koike, H., Otsuki, T., Kimura, T., Fukuma, M., Hayashi, Y., Maejima, Y., Amanuma, K., Tanabe, N., Matsuki, T., Saito, S., Takeuchi, T., Kobayashi, S., Kunio, T., Hase, T., Miyasaka, Y., Shohata, N., Takada, M. A 60 ns 1 Mb nonvolatile ferroelectric memory with non-driven cell plate line write/read scheme 75061
Koike, H. *see* Hirai, T. 94966
Koike, J., Egashira, K., Maruyama, K., Oikawa, H. High temperature strength of α Ti-Al alloys with a locally ordered structure 113522
Koike, J. *see* Ieki, H. 84749
Koike, J. *see* Kobayashi, Y. 87905
Koike, J. *see* Motoyama, Y. 89275
Koike, J. *see* Murakami, H. 79619
Koike, J. *see* Seki, M. 109915
Koike, K., Kawai, K., Onozawa, A., Kobayashi, Y., Ichino, H. Low-power design methodology for Gbit/s bipolar LSIs 63907
Koike, K. *see* Kohashi, T. 75070
Koike, M., Iba, S., Takahashi, T. Development and experience of full system decontamination for the Fugen nuclear power station structural material integrity study 102388
Koike, M., Matsukawa, K., Kojima, D., Fukuda, F., Tsuzuki, Y. Study on corrosion products removal in PWR primary circuit 71074
Koike, M. *see* Akasaki, I. 75922
Koike, M. *see* Kimura, T. 111389
Koike, M. *see* Maruyama, K. 100989
Koike, N., Nishimura, H., Takeo, M., Morii, T., Tatsuuma, K. Hot-carrier aging simulations of a voltage controlled oscillator 113797
Koike, P. *see* Vasseghi, N. 73439
Koike, S., Matsui, S., Takahara, H. Laser-diode array packaging in opto-electronic multichip modules 96054
Koike, S., Watanabe, M., Funatsu, S., Hitani, N., Shimogawara, S. Electronic conference room 118526
Koike, S. *see* Higo, T. 100669
Koike, S. *see* Setoya, T. 112901
Koike, S. *see* Yoshida, N. 85787
Koike, T., Hirao, T., Nagano, T. Digital frequency control method for MSW oscillators using straight-edge resonators 106633
Koike, T., Yamada, K., Nakamura, K. Characteristics of a discretely weighted conical transducer for generation of limited diffraction beams 90852
Koike, T. *see* Harada, N. 103050
Koike, T. *see* Kato, T. 91190
Koike, T. *see* Kishida, T. 70931
Koike, T. *see* Kurokawa, Y. 73454
Koike, T. *see* Tanaka, J. 82237
Koike, Y., Nihei, E. Polymer optical fibers 75438
Koike, Y., Tamura, T., Ueha, S. Derivation of a force factor equation for a Langevin-type flexural mode transducer 88970
Koike, Y. *see* Ishigure, T. 64640
Koike, Y. *see* Muto, S. 75551
Koike, Y. *see* Saitou, K. 101361
Koiller, B., Martins, A.S., Chacham, H. Optical effects of interdiffusion in GaAs/AlAs heterostructures: atomic scale calculations 114773
Koilpillai, R.D. *see* Ramesh, R. 99154
Koinkar, V.N., Bhushan, B. Micro/nanoscale studies of boundary layers of liquid lubricants for magnetic disks 75247
Koinuma, H. *see* Hyun-Kwon Ha 61423
Koinuma, H. *see* Matsuse, M. 72854
Koinuma, H. *see* Matsuse, M. 92842
Koinuma, H. *see* Myung Bok Lee 61261
Koinuma, M., Uosaki, K. AFM tip induced selective electrochemical etching of and metal deposition on p-GaAs(100) surface 94735
Koiso, H., Oide, K. Lattice design for KEKB colliding rings 100636
Koistinen, O., Raisanen, A. A Fourier transform based technique for reduction of standing waves in millimeter wave spectral line measurements 69480
Koitabashi, M., Aragane, J., Fujita, Y., Sano, K., Hirano, T., Nosaka, E., Nakanishi, H. Correlation between current and evaporation rate in impregnated cathodes 83722
Koivisto, H., Kolehmainen, E., Seppaelae, R., Aerje, J., Nurmia, M. Production of a magnesium ion beam using the MIVOC method 110540
Koivisto, P., Huttunen, H., Kuosmanen, P. Optimal soft morphological filtering under breakdown probability constraints 117781
Koivisto, P., Huttunen, H., Kuosmanen, P., Astola, J. Signal quantization and the optimization of digital filters 76957
Koivisto, P., Kuosmanen, P., Huttunen, H., Astola, J. Comments on "Analysis of the properties of soft morphological filtering using threshold decomposition" 108322
Koivunen, V. Nonlinear filtering of multivariate images under robust error criterion 77271
Koivunen, V., Vezien, J.-M. Machine vision tools for CAGD 67429
Koiwa, I., Kanehara, T., Mita, J. An application of rare-earth-element oxide to screen-printed protective layer for AC-PDP 69395
Koiwa, I., Kanehara, T., Mita, J. A study on MgO powder and MgO liquid binder in the screen-printed protective layer for AC-PDPs 69404
Koiwa, I., Kanehara, T., Mita, J., Ono, S., Osaka, T. MgO powders for protective layer of alternating current plasma display panel 110285
Koiwa, I. *see* Fujii, K. 89276
Koiwa, I. *see* Kanehara, T. 119808
Koiwa, Y. *see* Kanai, H. 110675
Koizumi, H., Lacmann, K., Schmidt, W.F. Light-induced electron emission from polymethylphenyl siloxane oils 64109
Koizumi, H., Morioka, Y., Yoshimi, M., Nakamori, A., Shigehara, M., Matumoto, T. Simulation study on effects of grid-connected fuel cell systems on distribution-line protective relays 71197
Koizumi, H., Noma, A., Tanaka, R., Kanazawa, K., Ueda, D. A GaAs MMIC chip-set for mobile communications using on-chip ferroelectric capacitors 73762
Koizumi, H., Sato, M., Ando, Y., Ishio, S., Miyazaki, T. FMR study of Ni-Fe/Cu multilayer films 64345
Koizumi, H., Shimaya, M., Tsuchiya, T. Suppressing the parasitic bipolar action of ultra-thin SOI MOSFET's using back-side-bias-temperature treatment 95013
Koizumi, H. *see* Sekihara, K. 90377
Koizumi, M. *see* Higuchi, Y. 107783
Koizumi, M. *see* Ido, T. 64810
Koizumi, M. *see* Ido, T. 106862
Koizumi, M. *see* Onuki, J. 82186
Koizumi, M. *see* Onuki, J. 83978
Koizumi, M. *see* Onuki, J. 114456
Koizumi, N. Ferroelectric behavior in polyamides constituted of ring systems 106337
Koizumi, N., Ito, T., Ogata, H., Takahashi, Y., Sugimoto, M., Nakajima, H., Kato, T., Nunoya, Y., Ando, T., Tsuji, H., Shimamoto, S., Shigenaka, A., Tsukamoto, H., Asano, K., Suzuki, S. Design of the Nb$_3$Al insert to be tested in ITER central solenoid model coil 95512
Koizumi, N., Okuno, K., Takahashi, Y., Tsuji, H., Shimamoto, S. Current imbalance due to induced circulation currents in a large cable-in-conduit superconductor 64578
Koizumi, N., Takahashi, Y., Tsuji, H. Numerical model using an implicit finite difference algorithm for stability simulation of a cable-in-conduit superconductor 95445
Koizumi, N. *see* Ando, T. 95522
Koizumi, N. *see* Ehara, Y. 75043
Koizumi, N. *see* Matsui, K. 102175
Koizumi, N. *see* Shimamoto, S. 95590
Koizumi, N. *see* Sugimoto, M. 95523
Koizumi, N. *see* Uota, T. 78161
Koizumi, N. *see* Wadayama, Y. 95564
Koizumi, R. *see* Yoh, K. 84439
Koizumi, S. *see* Okano, K. 94175
Koizumi, T., Takahashi, K., Suzuki, S., Sone, H., Nemoto, Y. Sensing device for in-line EMI checker of small electric appliances 65901
Koizumi, T. *see* Hasegawa, T. 106729
Koizumi, Y. Proposed hardware operation for all-band ATM switching system 78291
Kojic, S.M. *see* Bekut, D.D. 82006
Kojima, A. *see* Inoue, A. 64252
Kojima, A. *see* Iwano, H. 104025
Kojima, A. *see* Kawamura, Y. 95342
Kojima, A. *see* Tanaka, Y. 87388
Kojima, D. *see* Koike, M. 71074
Kojima, H., Watanabe, T., Abe, K. Visualizing unstained cells in living preparations by improved infrared DIG-video microscopy 70030
Kojima, H. *see* Fujii, A. 96017
Kojima, H. *see* Hayakawa, S. 103187
Kojima, H. *see* Itoh, Y. 108223
Kojima, H. *see* Mishima, T. 95702
Kojima, H. *see* Yano, F. 105625
Kojima, J., Shirasaki, Y. Acoustic video-signal transmission system for autonomous underwater vehicle 88661
Kojima, J. *see* Asakawa, K. 88069
Kojima, J. *see* Haneda, Y. 67973
Kojima, J. *see* Shinoda, H. 105466
Kojima, K., Focht, M.W., Freund, J.M., Geary, J.M., Glogovsky, K.G., Guth, G.D., Karlicek, R.F., Luther, L.C., Przybylek, G.J., Reynolds, C.L., Romero, D.M., Smith, L.E., Stampone, D.V., Stayt, J.W., Swaminathan, V., Walters, F.S., Campbell, K.T., Grenko, J.A., Levkoff, J., Palin, M.G. High power, high efficiency, and highly uniform 1.3 μm uncooled InGaAsP/InP strained multi-quantum well lasers 75991
Kojima, K., Mizuhara, O., Ketelsen, L.J.P., Kim, I., Bylsma, R.B. 1.3 μm uncooled DFB lasers for 10 Gb/s transmission over 50 km of non-dispersion-shifted fiber 88635
Kojima, K., Tomisawa, S., Watanabe, T., Tsuda, H., Noro, S. 12× speed CD-ROM decoder LSI 73411
Kojima, K. *see* Kuroda, K. 84896
Kojima, K. *see* Kuroda, S. 74400
Kojima, K. *see* Migitaka, S. 105810
Kojima, K. *see* Takami, T. 83530
Kojima, K. *see* Takami, T. 84905
Kojima, K. *see* Tsuneoka, T. 107570
Kojima, M. Semidefinite programming and interior-point methods 92540
Kojima, M., Haseyama, S., Yoshizawa, S., Fujimoto, H., Ban, T., Ohno, K. Melt growth of YBa$_2$Cu$_3$O$_x$ phase by unidirectional temperature gradients method 82770
Kojima, M., Ozawa, K., Yanase, S., Yamaji, T., Urabe, K. A control, monitoring and operation support system for unmanned transformer substations of the Chubu Electric Power Company 102918
Kojima, M., Shida, M., Shindoh, S. A note on the Nesterov-Todd and the Kojima-Shindoh-Hara search directions in semidefinite programming 92539
Kojima, M. *see* Haseyama, S. 85903
Kojima, M. *see* Itakura, T. 95195
Kojima, M. *see* Komatsu, S. 113516
Kojima, M. *see* Matsuo, K. 98614
Kojima, M. *see* Phan Thien Thach 103695
Kojima, N., Hayasaka, T., Osada, S., Isida, Y. Designing new optical receiver frontends for high performance 88550
Kojima, N. *see* Lijima, M. 75168
Kojima, S., Miyakawa, T. Gray-scale morphological hardware with conversion table and its application to Voronoi diagram 77376
Kojima, S., Miyakawa, T. Morphological processor for gray scale image 97921
Kojima, S. *see* Fujiwara, I. 74493
Kojima, S. *see* Ikuta, K. 74947
Kojima, T. Removal of insulation of heat-resistant insulating wires and its ball forming for wire bonding 62504
Kojima, T., Koshiba, M., Tsuji, Y., Eguchi, M. Improved operation of logic devices constructed by asymmetric nonlinear optical fiber couplers using bandwidth limited amplification 95908
Kojima, T., Ohashi, T., Hayakawa, M. Automatic manufacturability evaluation method of printed circuit board 94036
Kojima, T., Oohashi, T., Miyakawa, S., Oonari, H. Automatic assemblability evaluation method for printed circuit board 94035
Kojima, T., Tamura, M., Shin, K.-C., Tamura, S., Arai, S. Temperature dependences of GaInAsP/InP compressively-strained quantum-wire lasers fabricated by EB lithography and 2-step OMVPE growth 107276
Kojima, T., Yabuno, R., Koshiba, M. A simple analysis of SAW resonators by using force factors 106439
Kojima, T. *see* Estes, D.R. 60776
Kojima, T. *see* Konno, K. 68348
Kojima, T. *see* Konno, K. 97427
Kojima, T. *see* Parpal, J.-L. 121168
Kojima, T. *see* Uematsu, M. 110884
Kojima, T. *see* Yamamoto, H. 64469
Kojima, T. *see* Yasui, K. 96201
Kojima, Y. *see* Hayeiwa, K. 109343
Kojima, Y. *see* Ichikawa, S. 90112
Kojima, Y. *see* Ishibashi, T. 71960
Kojima, Y. *see* Iyoda, I. 90920
Kojima, Y. *see* Miyashita, M. 96051
Kojima, Y. *see* Saitoh, Y. 80027
Kojima, Y. *see* Saitoh, Y. 100838
Kojima, Y. *see* Tsuboyama, T. 100836
Kojiri, H., Nakamura, M., Aoyama, M., Matsunaga, D. Thermal desorption spectroscopy (TDS) study on the corrosion suppression mechanism after aluminum etching by O$_2$+H$_2$O downstream ashing 63453
Kojo, M. *see* Alanko, T. 118361
Kojo, T. *see* Tezuka, M. 96976
Kojoh, T., Nagata, T., Hong-Bin Zha Fusing image information on the basis of the analytic hierarchy process 108724
Kojucharow, K.K. *see* Nuteson, T.W. 65934
Kok, K. *see* Giam Kim Toh 92168
Kok, S.-L., Brady, J.M., Noble, A. Modelling essential breast tissue and its application to mammogram sequence analysis 90390
Kok, Y. *see* Lin, E.W. 90881
Kok Lay Teo *see* Wei Xing Zheng 97718
Kok Wai Chang *see* Baney, D.M. 107156
Kok Wai Phang *see* Phang Kok Wai
Kok-Jung Yong, Dubey, V.K., Gunawan, E. Modified 8-state Ungerboeck code for band-limited satellite fading channels 88219
Kok-Kia Chew Control system challenges to high track density magnetic disk storage 64410
Kok-Meng Lee *see* Zhi Zhou 91467
Koka, R., Bass, R., Huang, H. Understanding head/disk stiction by bearing area analysis of the head 115687
Kokabi, H.R., Rapeaux, M., Aymami, J.A., Desgardin, G. Electrical characterization of PTC thermistor based on chromium doped vanadium sesquioxide 93945
Kokai, G., Alexin, Z., Gyimothy, T. Classifying ECG waveforms in Prolog 101355
Kokai, Y. *see* Ota, H. 101937
Kokar, M.M. *see* Korona, Z. 87171
Kokar, M.M. *see* Korona, Z. 117637
Kokaram, A.C., Godsill, S.J. A system for reconstruction of missing data in image sequences using sampled 3D AR models and MRF motion priors 67324
Kokavec, J. *see* Hlasnik, I. 95412
Kokavec, J. *see* Jansak, L. 95407
Kokes, M. *see* Kneifel, M. 121611
Kokhanenko, G.P., Gladkikh, V.A., Lizogub, V.G., Shamanaev, V.S. Time responses of an FEU-144 photomultiplier in the controlled amplification mode 83780
Kokhkharov, A.M. *see* Bakhramov, S.A. 116604
Kokin, S.M. *see* Vereshchagin, I.K. 95973
Kokinda, E. *see* Ficner, S. 105800

Kokinda, E. *see* Ficner, S. 105814
Kokinda, E. *see* Sounik, J. 105773
Kokkevis, E. *see* Badler, N.I. 80164
Kokkinakis, G. *see* Dermatas, E. 66591
Kokkos, A. *see* Corden, I. 78397
Kokorin, V.I. *see* Bondarenko, V.N. 111095
Kokosinski, Z. Mask and pattern generation for associative supercomputing 73063
Kokosiyska, M.B. *see* Galkin, S.L. 88503
Kokotoff, D.M., Zavosh, F., Aberle, J.T., El-Badawy El-Sharawy Scattering from a plasma-loaded cavity-backed slit 68603
Kokou, S. *see* Ozer, M. 113284
Kokoulin, V. *see* Dikansky, N.S. 89778
Kokozinski, R. *see* Budde, W. 93622
Koksal, M. *see* Tohumoglu, G. 82905
Koksal Hocaoglu, A., Devaney, M.J. A new quadratic form based frequency measurement algorithm 108393
Koksalan, M. *see* Kim, K.J. 82412
Koksbang, R., Barker, J., Shi, H., Saidi, M.Y. Cathode materials for lithium rocking chair batteries 71636
Koksbang, R. *see* Olsen, I.I. 81698
Koksbang, R. *see* West, K. 81682
Kokshaiskii, I.N. *see* Korbov, A.I. 88924
Kokta, M. *see* Pfeiffer, A. 107168
Kokta, M.R. *see* Kalisky, Y. 96678
Koktavy, B., Hruska, P., Sikula, J., Koktavy, P. Noise and reliability prediction of M-I-M capacitors 93972
Koktavy, B., Vasina, P., Sikula, J., Koktavy, P., Konecny, A. Relaxation phenomena and reliability of capacitors 93967
Koktavy, B. *see* Sikula, J. 104887
Koktavy, P. *see* Koktavy, B. 93967
Koktavy, P. *see* Koktavy, B. 93972
Kokubo, A. *see* Yamamoto, K. 84682
Kokubo, H. *see* Igarashi, N. 69389
Kokubo, H. *see* Nomura, T. 108369
Kokubo, M. *see* Horie, M. 115281
Kokubo, M. *see* Nagata, Y. 80455
Kokubo, T. *see* Kawabe, Y. 105793
Kokubo, T. *see* Kawashitga, M. 110918
Kokubo, T. *see* Shimizu, K. 102478
Kokubo, Y. *see* Kawai, T. 114208
Kokubo, Y. *see* Ohta, I. 114295
Kokubu, M. *see* Sakamoto, Y. 71649
Kokubun, H. *see* Kobayashi, K. 93278
Kokubun, K. *see* Widarta, A. 85947
Kokubun, Y., Yoneda, S., Tanaka, H. Temperature-independent narrowband optical filter at 1.3 μm wavelength by an athermal waveguide 116191
Kokubun, Y. *see* Uzawa, Y. 106914
Kokura, S. *see* Tajima, T. 100491
Kolachev, G. *see* Calen, H. 120194
Kolachina, S., Ong, V.K.S., Phang, J.C.H., Chan, D.S.H., Osipowicz, T., Watt, F. Ion beam induced charge (IBIC) imaging for the failure analysis of multi-level metal VLSI circuits 94848
Kolagunta, V.R., Janes, D.B., Chen, G.L., Webb, K.J., Melloch, M.R., Youtsey, C. Self-aligned sidewall gated resonant tunneling transistors 84314
Kolander, M. *see* Koch, N. 80129
Kolanoski, H. *see* Koch, N. 80129
Kolanowski, C. *see* Allam, R. 83525
Kolanowski, C. *see* Allam, R. 93924
Kolar, D. *see* Hrovat, M. 81736
Kolar, D. *see* Kuscer, D. 81735
Kolar, D. *see* Saje, B. 106630
Kolar, J. 75 years of flue gas cleaning on coal-fired power stations 102439
Kolar, J.W., Drofenik, U., Zach, F.C. Current handling capability of the neutral point of a three-phase/switch/level boost-type PWM (VIENNA) rectifier 121674
Kolar, J.W., Ertl, H., Zach, F.C. Design and experimental investigation of a three-phase high power density high efficiency unity power factor PWM (VIENNA) rectifier employing a novel integrated power semiconductor module 71444
Kolar, J.W. *see* Chaar, L. 112128
Kolar, J.W. *see* Ertl, H. 61603
Kolarik, V. *see* Mir, S. 79247
Kolarik, V. *see* Mir, S. 104679
Kolarov, A., Ramamurthy, G. Comparison of ER and EFCI flow control schemes for ABR service in wide area networks 109089
Kolarov, A., Weinstein, S. Flexible bandwidth allocation in hybrid fiber coax distribution networks 78250
Kolarov, A. *see* Maric, S.V. 99180
Kolawa, E., Tai, B.H., Sutharshana, S., Moore, N.R., Lowry, L.E. Characterization and modeling of stress in multilayer MCM-D substrates 114488
Kolawa, E.A. *see* Koh, W.H. 112975
Kolawa, E.A. *see* Weller, T.M. 104870
Kolawole, M.O. Radar backscatter model of a defoliated forest using log-periodic antenna array technology 109729
Kolb, B.W. *see* Aggarwal, M.M. 69839
Kolb, B.W. *see* Steinhaeuser, P. 69834
Kolb, E.S. *see* Waldman, D.A. 96830
Kolb, G. *see* Karrai, K. 100028
Kolbas, R.M., Reed, F.E., Zhang, D. Bias-induced color-tuned semiconductor devices 85474
Kolbas, R.M. *see* Dahua Zhang 85259
Kolbas, R.M. *see* Dahua Zhang 85262
Kolbas, R.M. *see* Yuan, C. 61205
Kolbas, R.M. *see* Yuan, C. 104063
Kolbe, J. *see* Taegen, F. 121419
Kolbeck, R. *see* Fay, A. 89214
Kolbehdari, M.A. Analysis of quasi-static characteristic of cylindrical coupled microstrip transmission line by finite-element method 73622
Kolbehdari, M.A. Scattering of electromagnetic field by dielectric cylinder partially clad by multi-perfect electric conductors 76383
Kolbehdari, M.A., Nakhla, M.S. Analysis of interconnect networks with conducting wedge loaded by an inhomogeneous dielectric substrate 73631
Kolbehdari, M.A., Nakhla, M.S., Zhang, Q.J. Solutions of EM problems using finite element and complex frequency hopping techniques 116802
Kolbehdari, M.A., Sadiku, M.N.O. Analysis of lossy multi-chip module interconnections using finite element method 94154
Kolbehdari, M.A., Sadiku, M.N.O. Scattering of dielectric cylinder with multi-conductors 107845
Kolbehdari, M.A., Srinivasan, M., Nakhla, M.S., Qi-Jun Zhang, Achar, R. Simultaneous time and frequency domain solutions of EM problems using finite element and CFH techniques 107713
Kolbenev, I.L. Power plants with a vehicle-borne hydrogen generator 91890
Kolbig, K.S. An infinite integral of Bessel functions 61000
Kolbig, K.S., Scherb, H. On a Hankel transform integral containing an exponential function and two Laguerre polynomials 72419
Kolbig, K.S., Strampp, W. Some infinite integrals with powers of logarithms and the complete Bell polynomials 72652
Kolbl, A. *see* Rohfleisch, B. 83027
Kolchanova, N.M. *see* Danilova, T.N. 96325
Kolchanova, N.M. *see* Danilova, T.N. 116509
Kolchigin, N.N. *see* Bondarenko, O.V. 116979
Kol'chugin, B.D. *see* Bratman, V.L. 96081
Kol'chugin, B.D. *see* Bratman, V.L. 107030
Kol'chugin, B.D. *see* Peskov, N.Yu. 96083
Kol'chugin, B.D. *see* Volkov, A.B. 114538
Kolczynski, R.J. *see* Wildes, R.P. 86334
Koldunov, M.F., Manenkov, A.A., Pokotilo, I.L. Theory of laser induced damage to optical coatings: dependence of damage threshold on physical parameters of coating and substrate materials 107482
Kol'dyaev, I. *see* Bogdanov, A.G. 63730
Kol'dyaev, V., Clerix, A., Arteaga, R.M., Deferm, L. Characterisation of the overlap capacitance of submicron LDD MOSFETs 84448
Kole, R.E. The impact of language extensions on DSP programming 61952
Kole, T. *see* Chien, D.H. 103444
Kolechetskii, E.S., Plis, A.I., Shulgin, V.N. Regulation of electric fields in paper-oil insulation capacitor facing 70948
Kolechitskii, Ye.S. *see* Borisov, R.K. 102225
Kolehmainen, E. *see* Koivisto, H. 110540
Kolehmainen, M. Nokia SCE: an architecture for a lightweight SCE 98835
Kolenchery, S.S., Vaidya, V.C., Mangal, M. SVM PWM strategy for high power 3-level inverters in variable frequency applications 112100
Kolenda, J. *see* Hoffstadt, A. 96192
Kolesar, E.S., Jr., Reston, R.R. Silicon micromachined gas chromatographic system (SMGCS) for directly separating binary fugitive emissions of ammonia (NH_3) and nitrogen dioxide (NO_2) 74985
Kolesar, J., Kisel, D., Babarik, P., Novak, P. A mathematical model of the skin effect in foil conductors of a rectangular cross-section 62367
Kolesar, M. Utilization of Boolean matrices in the synthesis of multilevel combinational circuits using multiplexers and elementary logic gates 61732
Kolesarova, A. Triangular norm-based addition of linear fuzzy numbers 60829
Kolesnik, M. Vision and navigation of Marsokhod rover 87140
Kolesnikov, A.N., Trishina, E.V. A parallel algorithm for thinning of binary images [and implementation] 67374
Kolesnikov, A.V., Silin, A.P. Energy spectrum of a new type of narrow-gap semiconductor heterostructures 105234
Kolesnikov, N.L. *see* Vasil'ev, B.A. 89007
Kolesnikov, O.A. *see* Bezruk, V.M. 66755
Kolesnikov, V. *see* Vannikov, A. 106950
Kolesnikov, Yu.A. *see* Baranov, V.Yu. 116347
Kolesnikova, T.A. *see* Baryshnikov, V.I. 116449
Kolesnitsky, O.K. *see* Krasilenko, V.G. 85182
Kolesnitsky, O.K. *see* Krasilenko, V.G. 85328
Kolesov, B.I., Panichev, M.M., Potekhin, N.V., Sysoev, V.A. Apparatus for obtaining nitrogen samples from a high-pressure gas system of APPU and apparatus for monitoring the oxygen content in the nitrogen samples 81234
Kolesov, S. *see* Chaloupka, H. 106731
Kolesov, V.N. *see* Ushakov, V.N. 64838
Kolesov, V.V. *see* Devyatkov, N.D. 110881
Kolev, N.P., Tzvetkov, P.M., Yordanova, S.T. Development of measurement systems with robustness feedback 110029
Kolev, P. *see* Gutierrez-D., E.A. 99996
Kolganov, V.N., Papko, A.A., Malkin, Yu.M. High-precision linear accelerometers and devices based on them 79718
Koli, K., Halonen, K. Temperature compensated logarithmic peak detector 61694
Koli, K. *see* Porra, V. 118915
Kolias, C., Kleinrock, L. Throughput analysis of multiple input-queuing in ATM switches 108780
Kolias, N.J., Compton, R.C. Thermal management for high-power active amplifier arrays 73741
Koligman, M. *see* Chan, C.L. 108548
Kolikov, V.A., Rutberg, Ph.G., Budin, A.V., Bogomaz, A.A. The investigation of processes in the discharge chamber of ETH-launchers which influence their operation efficiency 116838
Kolinchak, G., Wertenbaker, J. Closed circuit color video system on the TFTR machine 99781
Kolin'ko, A.V. *see* Marchuk, L.A. 76664
Kolis, J.W. *see* Schimek, G.L. 74313
Kolisnychenko, B., Savenkov, S., Marienko, V. Laser real-time system for detection, tracking and recognition 96860
Kolisnychenko, B. *see* Savenkov, S. 79015
Kolk, J. *see* Raychaudhuri, A. 74747
Kolk, J. *see* Raychaudhuri, A. 84447
Kolla, R. *see* Noth, W. 93297
Kollakowski, S., Krautle, H., Lemm, C., Bottcher, E.H., Bimberg, D. Waveguide-integrated InP/InGaAs/InAlGaAs MSM photodetectors 100047
Kollakowski, S., Schade, U., Bottcher, E.H., Kuhl, D., Bimberg, D., Ambree, P., Wandel, K. Silicon dioxide passivation of InP/InGaAs metal-semiconductor-metal photodetectors 89097
Kollakowski, S. *see* Strittmatter, A. 75731
Kollar, I. *see* Daboczi, T. 66675
Kollar, I. *see* Guillaume, P. 69017
Kollar, I. *see* Widrow, B. 66672
Kollar, J. *see* Babai, L. 92460
Kollarits, R.V. Noise in images digitized from photographic film 98275
Kollatschny, S. *see* Davis, K.M. 120250
Kollberg, E. *see* Gevorgian, S. 65942
Kollberg, E. *see* Gevorgian, S. 114232
Kollberg, E. *see* Tarasov, M. 73702
Kollberg, E. *see* Vystavkin, A. 75349
Kollberg, E.L. *see* Belitsky, V.Yu. 114286
Kollberg, E.L. *see* Gevorgian, S.S. 73825
Kollberg, S.G., Hackl, H.R., Hanley, P.J. Improving quality of flat rolled products using electromagnetic brake (EMBR) in continuous casting 122102
Kolle, H. *see* Freimuth, H. 92955
Koller, B. *see* Muller, R. 90299
Koller, G. *see* Coman, A. 92305
Koller, L., Jenko, M., Vrhovec, S., Pracek, B. Outgassing properties of Au electroplated contact material Argelec 181 for use in hermetic relays 83570
Kollia, C. *see* Bouroushian, M. 113405
Kollias, S. *see* Kontoravdis, D. 77238
Kollias, S.D. *see* Panagiotidis, N.G. 117594
Kollipara, R.T., Williams, J., Tripathi, V.K. Characterisation of RF-IC packages by multiport excitation 92253
Kollipara, R.T. *see* Arodzero, A. 80036
Kollipara, R.T. *see* Masot, F. 95816
Kollman, R., Collins, G., Plumton, D. 10 MHz PWM converters with GaAs VFETs 61606
Kollman, R. *see* Fowler, T. 104331
Kollmann, K., Riemschneider, K.-R., Zeidler, H.C. On-chip backpropagation training using parallel stochastic bit streams 62120
Kollmannsberger, F. Data transmission interfaces for the ETCS-Balise–a European railway standard 77828
Kollmer, U. *see* Thewes, R. 113783
Kollnig, H., Nagel, H.-H. Matching object models to segments from an optical flow field 67299
Kollnig, H. *see* Frank, T. 67303
Kollnig, H.W. *see* Nagel, H.-H. 87035
Kolltveit, E., Hamaide, J.-P., Audouin, O. Optimum two-step dispersion management in WDM soliton systems 119131
Kolluri, S. *see* Le Tang 122103
Kolmakov, A.G. *see* Korzhuev, M.A. 74517
Kolmanovskii, V.B. The stability of hereditary systems of neutral type 121144
Kolmanovsky, I. *see* Dontchev, A.L. 60961
Kolmos, A. Reflections on project work and problem-based learning 72139
Kolner, H. *see* Scott, R.P. 116463
Kolnik, J., Oguzman, I.H., Brennan, K.F., Wang, R., Ruden, P.P. Calculation of the wave-vector-dependent interband impact-ionization transition rate in wurtzite and zinc-blende phases of bulk GaN 74149
Kolnik, J. *see* Oguzman, I.H. 114620
Kolobanova, N.N. *see* Borin, V.N. 81091
Kolobov, A.V. On the origin of p-type conductivity in amorphous chalcogenides 94418
Kolobov, A.V., Oyanagi, H., Tanaka, K., Tanaka, K. An in situ EXAFS study of amorphous selenium: the formation of dynamical bonds under light excitation 74289
Kolobov, M.I. *see* Kuppens, S.J.M. 65046
Kolobov, S.A. *see* Abroskin, A.A. 117405
Kolodii, B.I. *see* Kurylyak, D.B. 104202
Kolodin, P.A., Kostylev, M.P., Kovshikov, N.G. On the frequency characteristics of spin-wave convolver 64487
Kolodinski, S., Donaton, R.A., Roca, E., Caymax, M., Maex, K. $CoSi_2/Si_{1-x}Ge_x$-interfaces for

Schottky barrier infrared detectors with extended detection regime 79422
Kolodinski, S., Queisser, H.J., Werner, J.H. Novel principles for maximal energy conversion efficiency in photovoltaics 71698
Kolodinski, S. *see* Roca, E. 63568
Kolodinski, S. *see* Roca, E. 69141
Kolodinski, S. *see* Torres, A. 79423
Kolodner, P. *see* Hampel, G. 83343
Kolodnyi, G.Ya., Levchuk, E.A., Novopashin, V.V., Sidoryuk, O.E. Laser damage and passive loss multilayer thin-film coatings in 1.5-1.6 μm range 64878
Kolodziej, W.J. *see* Crinon, R.J. 86516
Kolodziej, W.J. *see* Kosterev, D.N. 91093
Kolodziejski, K.R., Betz, J.W. Asymptotically robust detection using statistical moments 66641
Kolodziejski, L.A. *see* Chu, C.C. 96240
Kolodziejski, L.A. *see* Ho, E. 74202
Kologo, N., Stoll, M.P. CO_2 laser light scattering by bare soils for emissivity measurements: absolute calibration and correlation with backscattering and composition 90752
Kolojvari, A. *see* Beole, S. 110562
Kolomeytsev, V.A., Yakovlev, V.V. Electromagnetic-thermal coupled problem for microwave heating of thermoparametric material in waveguide structures 112605
Kolomiets, A.A., Yaramishev, S.G., Zenkevich, P.R., Korolev, A.P. The study of nonlinear effects influenced by space charge in high intensity linac 90006
Kolonko, J. *see* Cline, D.B. 79955
Kolonko, J.J. *see* Garren, A.A. 79910
Kolonskii, T.V. Increasing the effectiveness of automatic asynchronous conditions clearance system 70960
Kolosov, M.P. Optical methods for preventing disturbances of the geometrical layout of goniometers from affecting their accuracy 106932
Kolosov, M.P. *see* Gebgart, A.Ya. 106905
Kolosov, O. *see* Chekanov, A.S. 115697
Kolosov, V. *see* Petrov, V. 85161
Kolosov, Yu.A., Levkov, F.E. An analysis of antenna-radome directional characteristics of an AWACS-type system 70602
Kolosovsky, E.A., Tsarev, A.V., Yakovkin, I.B. Two optical beams method for the SAW velocity measurements in anisotropic structures 106456
Kolossov, A.A. *see* Evstratov, F.F. 68669
Kolotkov, V.V. *see* Baklanov, A.I. 100097
Kolotkov, V.V. *see* Baklanov, A.I. 100099
Kolotushkin, Yu.V., Ustyugov, V.I. Quantum frequency noise of a tunable single-frequency solid-state laser 107177
Kolpak, B.V. *see* Lysyi, B.M. 99825
Kolski, D. *see* Dunogue, J. 108961
Kolste, R.D.Te *see* Te Kolste, R.D.
Koltai, F., Puski, S., Rakovics, V., Serenyi, M. High optical power 1.22 micrometer InP/InGaAsP buried heterostructure laser diode 107227
Koltai, F. *see* Puspoki, S. 116500
Koltai, F. *see* Rakovics, V. 107272
Koltay, E. *see* Rajta, I. 100383
Koltick, D. *see* Baumbaugh, B. 80030
Koltick, D. *see* Carabello, S. 80040
Koltick, D. *see* Carabello, S. 100850
Koltick, D. *see* Chung, M. 80031
Koltyzhenkov, V.M. *see* Gorbatsevich, A.A. 63086
Kolumban, G., Vizvari, B., Mogel, A., Schwartz, W. Chaotic systems: a challenge for measurement and analysis 119585
Kolundzija, B.M. Comparison of a class of subdomain and entire domain basis functions automatically satisfying KCL 108011
Kolyer, J. Shunting for ESD protection 85794
Kolyer, J.M. Why drain time is important to ESD 96925
Kolysh, A. Program package: substation wiring 102920
Kolyvas, G.T., Venieris, I.S. Modelling and performance of IN-based broadband signalling systems 118525
Kolyvas, G.T. *see* Tsiotsios, E.N. 109037
Koma, A. *see* Shimada, T. 61161
Koma, A. *see* Yamada, H. 61260
Komachi, Y. *see* Wakaki, M. 75476
Komachiya, M., Sonobe, H., Oho, S., Ohbu, K., Yuhara, T., Iizuka, H. Secondary-phase-modulation method for open-loop fiber-optic gyroscopes 100050
Komagata, M. *see* Suzuki, K. 104897
Komai, H. *see* Ikezaki, H. 69331
Komaki, A., Hironaka, K., Kawai, K., Matsumura, Y., Takehara, Z. Fundamental studies to develop maintenance free lead-acid batteries. VII. Optimizations of lead powders for positive active material and concentration of sulfuric acid solution of thin sealed lead-acid batteries 91717
Komaki, S. *see* Araki, K. 68076
Komaki, S. *see* Kajiya, S. 68252
Komaki, S. *see* Morimoto, M. 68290
Komaki, S. *see* Morimoto, M. 78634
Komaki, S. *see* Okada, T. 68250
Komaki, S. *see* Toyama, M. 78428
Komaki, S. *see* Tsukamoto, K. 88519
Komar, G.I. *see* Vol'vach, A.P. 108038
Komar, M.V. *see* Vetokhin, S.S. 89110
Komar, V. *see* Gektin, A. 80053
Komara, M.A. RF design for multi-carrier wireless systems 109566
Komarek, P. *see* Darweschsad, M. 95517
Komarek, P. *see* Libeyre, P. 95518
Komarenko, E.Y. *see* Baranov, V.L. 113096
Komarenko, E.Yu. *see* Baranov, G.L. 79206
Komarov, A.O. *see* Kruglov, V.S. 72963
Komarov, V. *see* Kacharava, A. 100812
Komarov, V. *see* Karshev, Yu. 89941
Komarov, V. *see* Kiver, A. 100389
Komarov, V.I. *see* Babintsev, V.V. 120185
Komarova, L.F., Kormina, L.A. Ecological problems of power engineering in the Altai territory 71125
Komaru, M. *see* Funada, M. 93906
Komaru, M. *see* Kashiwa, T. 62356
Komaru, M. *see* Kashiwa, T. 73785
Komaru, M. *see* Kashiwa, T. 104860
Komaru, M. *see* Yamamoto, K. 62337
Komatsu, K., Hattori, Y., Okada, S., Oikawa, H., Matsuda, H., Nakanishi, H. Epitaxial growth of some diacetylene monomers on a polydiacetylene single crystal 72838
Komatsu, K., Sezaki, K. Reversible transform coding of images 67055
Komatsu, K., Sezaki, K. Reversible transform coding of images 86525
Komatsu, K. *see* Endo, S. 80517
Komatsu, K. *see* Kudoh, T. 120269
Komatsu, K. *see* Sugizaki, G. 116361
Komatsu, M. *see* Okabayashi, H. 115007
Komatsu, N. *see* Nagashima, H. 73383
Komatsu, N. *see* Yamazaki, Y. 76850
Komatsu, N. *see* Yamazaki, Y. 108432
Komatsu, N. *see* Yoshino, T. 76026
Komatsu, S., Ikeda, M., Sugimoto, T., Kamei, K., Maesaki, O., Kojima, M. Aging behaviour of Ti-15Mo-5Zr and Ti-15Mo-5Zr-3Al alloy up to 573 K 113516
Komatsu, S. *see* Miyachi, M. 74201
Komatsu, T., Da-Te, T. The properties of higher-order statistics with respect to natural parameters in binary exponential families 92428
Komatsu, T., Kawahata, E., Karasawa, T., Akai, I., Aguekian, V.F., Nakayama, M., Uchida, K., Miura, N. Dynamical process of excitons under magnetic fields in GaAs/AlGaAs superlattices 74251
Komatsu, T., Nonaka, H., Tsutomu Da-Te Some properties of the expectation coordinate system of binary exponential family 76898
Komatsu, T. *see* Fuchigami, T. 117832
Komatsu, T. *see* Ishiba, K. 99568
Komatsu, T. *see* Kim, D. 74412
Komatsu, T. *see* Saito, T. 86843
Komatsu, Y. Digital signal error monitoring and switching system for PDH transmission 99006
Komatsu, Y., Fuyuki, T., Matsunami, H. Optimization of silicon-based 2-terminal tandem solar cells with $GaAs_{1-x}P_x$ and $InGa_{1-x}P_x$ as top cell material 112393
Komatsubara, A. *see* Watanabe, S. 71130
Komatsubara, M., Ishii, M., Tsumura, E., Houjou, Y. Parameters of electrostatic charging and discharge on surface materials for spacecraft irradiated by electron beam 101475
Komatsubara, M. *see* Ishii, M. 91205
Komatsuzaki, K. *see* Nakamura, M. 104543
Komazaki, I. *see* Ito, M. 69115
Komazaki, I. *see* Miyajima, H. 79359
Komazaki, T. *see* Okada, Y. 109542
Komeda, T., Gwo, S., Tokumoto, H. Cross-sectional scanning tunneling microscopy on cleaved Si(111): observation of novel reconstruction and structural and electrical properties of MOS interface 84032
Komeda, T., Gwo, S., Tokumoto, H. MOS interface characterization by cross-sectional STM 84034
Komeda, T., Hasunuma, R., Mukaida, H., Tokumoto, H. Layer-by-layer atomic manipulation on Si(111)-7×7 surface 74589
Komeda, T. *see* Kobayashi, H. 95091
Komenou, K. *see* Ohska, T.K. 100980
Komerath, N.M. *see* Magill, J.C. 80547
Kometani, H., Sakabe, S., Nakanishi, K. 3-D electro-magnetic analyses of a cage induction motor with rotor skew 81449
Kometani, Y., Shibata, M., Okada, H., Onnagawa, H., Kidoh, Y. New type polarization controller with smectic A liquid crystals 116140
Komeza, K. *see* Dems, M. 81467
Komi, T., Imada, G., Grigoriu, C., Masugata, K., Masuda, W., Yatsui, K. Transversely excited atmospheric CO_2 laser with ultraviolet preionizer separated by optical window 116328
Komiak, J. *see* Agrawal, A. 86008
Komilov, A. *see* Mirzabaev, M. 102518
Komilov, A. *see* Mirzabaev, M. 121885
Komin, V.E. *see* Vikulov, V. 110567
Komin, V.V. *see* Kop'ev, P.S. 107351
Kominami, H. Distribution substation environmental assessment models 71596
Kominami, H. *see* Nakanishi, Y. 95967
Kominami, H. *see* Wickramanayaka, S. 114658
Kominami, M. *see* Hirata, A. 76432
Kominami, M. *see* Inui, K. 76399
Kominami, M. *see* Inui, K. 78641
Kominami, M. *see* Kusaka, H. 78832
Kominami, M. *see* Ling Chen 67496
Kominami, M. *see* Ling Chen 76675
Kominami, M. *see* Ling Chen 76955
Kominami, M. *see* Wakabayashi, H. 76398
Kominami, S. *see* Hosoya, M. 115914
Komine, K., Araki, N., Noge, S., Ueno, H., Hohkawa, K. Residuals caused by the CF_4 gas plasma etching process 84737
Komine, K., Kouchi, A., Noge, S., Hohkawa, K. Polymers caused by CF_4 plasma etching trimming process and its effects on SAW device characteristics 106419
Komine, K. *see* Hohkawa, K. 84738
Komine, K. *see* Hohkawa, K. 109330
Kominek, J. Codebook reduction in fractal image compression 67004
Komissarova, T.I. *see* Vasiliev, A.S. 116327
Komiya, H. *see* Itoh, R. 61630
Komiya, K.-I. *see* Kurniadi, D. 69434
Komiya, N. *see* Kita, E. 61088
Komiya, S. *see* Awaji, N. 84131
Komiya, S. *see* Tamegai, N. 77953
Komiya, Y. *see* Ooishi, T. 61899
Komiya, Y. *see* Ooishi, T. 93614
Komiyama, B., Shimakage, H., Miura, S., Tsuge, H. Millimeter wave surface resistance measurements of high-Tc superconductive thin films using a Nb open resonator 69469
Komiyama, B. *see* Kawakami, A. 83400
Komiyama, B. *see* Uzawa, Y. 83416
Komiyama, B. *see* Zhen Wang 75296
Komiyama, H. *see* Aida, T. 81832
Komiyama, H. *see* Egashira, Y. 61362
Komiyama, H. *see* Endo, A. 81810
Komiyama, H. *see* Takahashi, T. 61333
Komiyama, H. *see* Tsuji, N. 92892
Komiyama, H. *see* Tsuji, N. 92896
Komiyama, K., Kato, Y. Characteristics of the baseline off-nadir angle of supersynthesis radiometer 111176
Komiyama, S. *see* Isono, H. 79162
Kommareddy, M. *see* Jing, C. 70715
Komo, D., Levine, B.A., Mun, S.K., Keezer, P., Cohen, H. Teleradiology over the Internet 110814
Komo, D. *see* Tohme, W.G. 110808
Komo, D. *see* Tohme, W.G. 110865
Komo, J.J., Joiner, L.L. Fast error magnitude evaluations for Reed-Solomon codes 66454
Komo, J.J. *see* Joiner, L.L. 97580
Komoda, N. *see* Arimoto, S. 71923
Komoda, N. *see* Kusunoki, H. 67098
Komoda, N. *see* Nagata, T. 60548
Komoda, N. *see* Nojima, A. 93765
Komoda, O. *see* Ishizaki, O. 64427
Komoku, K. *see* Jikimoto, T. 105464
Komori, A. *see* Satow, T. 95514
Komori, F. *see* Hattori, K. 83993
Komori, J. *see* Watanabe, H. 115206
Komori, K., Xue-Lun Wang, Ogura, M., Matsuhata, H., Imanishi, H. Fabrication of GaAs coupled quantum wires on V-grooved substrate 72810
Komori, K. *see* Liu, J. 100500
Komori, M., Tsuruta, A., Fukata, S., Matsushita, T. Static and dynamic characteristics of a superconducting bearing system using high Tc superconductors 84932
Komori, S. *see* Kondo, H. 67100
Komori, S. *see* Nitta, Y. 73370
Komoriya, K. *see* Yokoi, K. 110394
Komoto, E., Kondo, M., Nakamura, T. JPEG LSI 78260
Komov, A., Chepumov, V., Ragozin, Y. Robotic sensors on base large-gap semiconductors β-SiC on Si-substrates 99907
Kompa, G. *see* Novotny, M. 95060
Kompan, M.E. Prospects for utilizing superionic-conductor noninertial effects in metrology 79204
Kompanets, I. *see* Andreev, A. 75610
Kompella, V.P., Pasquale, J.C., Polyzos, G.C. Optimal multicast routing with quality of service constraints 78217
Kompenhans, J. *see* Raffel, M. 119947
Kompolt, A. A low-power 4-bit microprocessor with embedded gate array 104614
Komu, M. *see* Mattila, K.T. 120285
komukai, T. *see* Imai, T. 116415
Komukai, T. *see* Tamura, K. 107145
Komura, A. *see* Morimoto, H. 95604
Komura, A. *see* Uchikoshi, J. 79689
Komura, H., Yokota, A., Tokita, Y. Development of a handheld type triaxial vibration pickup 100342
Komura, S., Atkin, R.J., Stern, M.S., Dunmur, D.A. Light scattering of PDLCs without a voltage for non-collimated system 116135
Komura, Y. *see* Aruga, K. 64404
Komuro, K. *see* Takatsu, N. 73900
Komuro, M. *see* Haraichi, S. 74549
Komuro, M. *see* Hashimoto, M. 94853
Komuro, M. *see* Hoshiya, H. 64344
Komuro, M. *see* Saeki, T. 73369
Komuro, M. *see* Wada, T. 94864
Komuro, S., Kato, T., Morikawa, T., O'Keeffe, P., Aoyagi, Y. Carrier dynamics in oxidized porous silicon 94282
Komuro, S. *see* O'Keeffe, P. 94789
Komuro, S. *see* O'Keeffe, P. 114982
Komuto, M. *see* Sugita, Y. 75080
Kon, H., Suzuoki, Y., Mizutani, T., Ieda, M., Yoshifuji, N. Packet-like space charges and conduction current in polyethylene cable insulation 91178

Kon, H., Suzuoki, Y., Mizutani, T., Yoshifuji, N. Packet-like space-charge behavior and conduction current in polyethylene for cable insulation 70924
Kon, K. *see* Koyama, M. 98993
Kon, N. *see* Nagai, N. 102923
Kon An Yong *see* Yong Kon An
Kon Leung *see* Cuddy, D. 120735
Kon Max Wong *see* Qu Jin 73559
Kon Max Wong *see* Stoica, P. 66698
Kon Max Wong *see* Stoica, P. 66715
Kon Max Wong *see* Yan Meng 119070
Kon Oh Dae *see* Dae Kon Oh
Konagai, M. *see* Oh, J.H. 103950
Konagai, M. *see* Sang, B. 72762
Konagaya, Y. *see* Rudolph, P. 92668
Konaka, Y., Allen, M.G. Single- and multi-layer electroplated microaccelerometers 74933
Konakov, N.D., Trofimov, A.N. Ways of linearizing conversion functions and increasing the sensitivity of amplitude and amplitude-phase displacement sensors 89012
Konakova, R.V., Lidai, I., Milinin, V.V., Prokopenko, I.V., Tkhorik, Yu.A. Thermostability of W/GaAs and Mo/GaAs contacts 114817
Konakova, R.V. *see* Belyaev, A.E. 105366
Konakova, R.V. *see* Ermolovich, I.B. 61343
Konala, S. *see* Stroud, C. 61795
Konala, S. *see* Stroud, C. 104492
Konangi, V.K. *see* Chatterjee, A.K. 87344
Konarski, M.M., Heaton, J. Electronic packaging design advances miniaturization 92268
Konas, P. *see* Hosseini, A. 83146
Konashenok, V.V. *see* Mikerov, V.I. 88928
Konate, A., Doualan, J.L., Girard, S., Margerie, J., Vicquelin, R. Diode-pumped colour-centre lasers tunable in the 1.5 μm range 65126
Koncar, V. *see* Ghenaim, A. 110374
Konczewicz, L., Bigenwald, P., Cloitre, T., Chibane, M., Ricou, R., Testud, P., Briot, O., Aulombard, R.L. MOVPE growth of zincblende magnesium sulphide 74174
Konczykowska, A. *see* Martin, D. 68024
Konczykowska, A. *see* Pinatel, C. 73721
Konczykowska, A. *see* Zuberek, W.M. 61575
Konda, H. *see* Matsumoto, M. 77915
Konda, H. *see* Mishima, T. 95702
Konda, M. *see* Shibata, T. 62113
Konda, M. *see* Shibata, T. 73611
Kondah, A. *see* Baladi, V. 92495
Kondawar, V.K. *see* Moharil, S.V. 85263
Kondawar, V.K. *see* Moharil, S.V. 85266
Kondo, A., Ishizuka, M. Efficient inference method for computing an optimal solution in predicate-logic hypothetical reasoning 73060
Kondo, A. *see* Ahn, T.W. 114141
Kondo, A. *see* Moritani, I. 75230
Kondo, A. *see* Shimakawa, K. 94381
Kondo, B.K., Uezono, T. Effect of external additive for high image quality in nonmagnetic single component toner 85804
Kondo, H., Agus, S., Komori, S. A new efficient coding method of a still image using three-dimensional DCT 67100
Kondo, H., Agus, S., Morokuma, M. One approach for image edge sharpening 67462
Kondo, H., Hikita, K. Wireless hearing aid system 90604
Kondo, H., Hisamichi, Y., Kamei, T. Lubrication of modified perfluoropolyether on magnetic media 106610
Kondo, H., Nakanishi, T. Automatic measurement of object length by image processing 89483
Kondo, H., Soga, T., Takeuchi, K., Nago, Y., Yamaguchi, Y. Military HF transceiver 120938
Kondo, H. *see* Matsumaru, K. 68917
Kondo, H. *see* Naito, J. 69981
Kondo, H. *see* Nishida, Y. 115749
Kondo, H. *see* Okazawa, H. 119101
Kondo, H. *see* Omura, T. 115827
Kondo, H. *see* Shimizu, T. 73431
Kondo, H. *see* Shirafuji, T. 61382
Kondo, I. *see* Noritake, C. 114592
Kondo, K., Hamada, N. Design of optimal filter for detecting linear trajectory signals utilizing object shape and velocity vector 76897
Kondo, K., Hamada, N. Design of 3D optimal FIR filters for detecting linear trajectory signal using object shape and velocity vector 98290
Kondo, K. *see* Farrand, L.D. 75600
Kondo, K. *see* Kobayashi, Y. 119910
Kondo, K. *see* Matsuoka, R. 64101
Kondo, K. *see* Matsuoka, R. 64155
Kondo, K. *see* Miura, K. 94141
Kondo, K. *see* Miyake, H. 92806
Kondo, K. *see* Nabekawa, Y. 65030
Kondo, K. *see* Nabekawa, Y. 116426
Kondo, K. *see* Nakagawa, N. 81824
Kondo, K. *see* Nakagawa, T. 86871
Kondo, K. *see* Noritake, C. 114592
Kondo, K. *see* Oh-e, M. 95838
Kondo, K. *see* Ohba, H. 80335
Kondo, K. *see* Watanabe, S. 116636
Kondo, M., Chida, Y., Matsuda, A. Observation of Meyer-Neldel rule in extended energy regime using novel a-Si:H TFTs 95039
Kondo, M., Fujisaka, T., Iwamoto, M., Okada, T., Tachibana, Y. Radar clutter suppression using notch filter bank in multibeam radar 78971
Kondo, M., Shiba, T., Tamaki, Y., Nakamura, T. A 47-GHz f_T Si HBT with a μc-Si/very thin a-SiC$_x$ double-layer emitter 63628
Kondo, M., Shiba, T., Tamaki, Y., Nakamura, T. Double-layer μc-Si/a-SiC$_x$ emitter in a silicon heterojunction bipolar transistor with a cutoff frequency of 47 GHz 74702
Kondo, M. *see* Chida, Y. 94997
Kondo, M. *see* Itahashi, T. 100791
Kondo, M. *see* Kameda, H. 88665
Kondo, M. *see* Komoto, E. 78260
Kondo, M. *see* Matsuoka, T. 81207
Kondo, M. *see* Shiba, T. 94910
Kondo, M. *see* Tachibana, Y. 83214
Kondo, N., Narita, H., Kato, A. Control of direct drive manipulator using ultrasonic motor 91575
Kondo, R. *see* Johnson, P.R. 115627
Kondo, S., Minami, T. Evaluation of radiation noise and efficiency in auxiliary resonant commutated pole inverter 81583
Kondo, S. *see* Airphaiboon, S. 108720
Kondo, S. *see* Hinode, K. 63111
Kondo, S. *see* Nishibori, K. 91580
Kondo, S. *see* Noguchi, T. 111951
Kondo, S. *see* Wakita, K. 95827
Kondo, S. *see* Yoshimoto, N. 99460
Kondo, T., Ito, R. A comparative study on nonlinear optical properties of chiral and racemic 2-(α-methylbenzylamino)-5-nitropyridine crystals 85599
Kondo, T., Sato, H., Fukuda, S., Okamoto, T., Nagai, N., Shiraishi, O. PLL frequency synthesizer LSI for TV tuner 73138
Kondo, T., Sekido, M., Kiuchi, H., Koyama, Y. Crustal deformation monitoring system for the Tokyo metropolitan area. VLBI system for Key Stone Project. Data processing system. Bandwidth synthesizing software 101532
Kondo, T. *see* Hama, S. 101530
Kondo, T. *see* Imae, M. 101522
Kondo, T. *see* Kiuchi, H. 93493
Kondo, T. *see* Kohriki, T. 80039
Kondo, T. *see* Kurihara, N. 101545
Kondo, T. *see* Sekido, M. 101531
Kondo, T. *see* Suguri, K. 77531
Kondo, T. *see* Takahashi, N. 102179
Kondo, T. *see* Unno, Y. 100858
Kondo, Y., Kishi, K., Itoh, M., Oohashi, H., Itaya, Y., Yamamoto, M. 1.3-μm buried-heterostructure lasers using a CH$_4$ reactive-ion-etched mesa structure grown by metalorganic vapor phase epitaxy 107264
Kondo, Y., Koshiba, Y., Arima, Y., Murasaki, M., Yamada, T., Amishiro, H., Mori, H., Kyuma, K. A 1.2 GFLOPS neural network chip for high-speed neural network servers 73593
Kondo, Y., Kuroiwa, Y., Sugimoto, N., Manabe, T., Ito, S., Tokizaki, T., Nakamura, A. Third-order optical non-linearities of CuCl-doped glasses in a near resonance region 76123
Kondo, Y., Sugimoto, N., Manabe, T., Ito, S., Tokizaki, T., Nakamura, A. Preparation and third-order optical nonlinearities of glass films doped with CuCl microcrystallites 76235
Kondo, Y., Tanaka, T. Adaptive time diversity for TDMA/TDD personal communication systems 78387
Kondo, Y. *see* Fukano, H. 116546
Kondo, Y. *see* Itoh, M. 85529
Kondo, Y. *see* Okamoto, H. 75919
Kondo, Y. *see* Okamoto, H. 78888
Kondo, Y. *see* Okamoto, H. 96432
Kondo, Y. *see* Okubo, N. 109765
Kondo, Y. *see* Sakai, Y. 75976
Kondo, Y. *see* Sakai, Y. 96265
Kondo, Y. *see* Shibata, Y. 78887
Kondo, Y. *see* Sugiura, H. 72752
Kondo, Y. *see* Yamamoto, Y. 96623
Kondo, Y. *see* Zamkotsian, F. 119195
Kondoh, H. *see* Inamura, K. 90475
Kondoh, H. *see* Kamozaki, K. 67977
Kondoh, H. *see* Osawa, Y. 85216
Kondoh, H. *see* Tomomatsu, Y. 105870
Kondoh, H. *see* Yamanaka, H. 109311
Kondoh, H. *see* Yoshimura, T. 73517
Kondoh, J., Saito, K., Shiokawa, S., Suzuki, H. Simultaneous measurements of liquid properties using multichannel shear horizontal surface acoustic wave microsensor 88969
Kondoh, J., Saito, K., Shiokawa, S., Suzuki, H. Multichannel shear horizontal surface acoustic wave microsensor for liquid characterization 106459
Kondoh, J., Shimada, R. Investigation of the dump resistor for a large superconducting coil 91769
Kondoh, J. *see* Shiokawa, S. 110099
Kondoh, J. *see* Yokota, K. 106726
Kondoh, K. Trends in communication networks for multimedia services and OKI's products 98889
Kondoh, K. *see* Adams, D. 69840
Kondoh, M. *see* Oka, K. 102400
Kondoh, M. *see* Takeo, T. 88843
Kondoh, S. *see* Murayama, A. 75088
Kondoh, S. *see* Sato, H. 93352
Kondol, K. *see* Ohta, M. 119814
Kondou, T. *see* Matsubara, I. 102197
Kondow, K. *see* Nakahara, K. 96401
Kondow, M., Uomi, K., Kitatani, T., Watahiki, S., Yazawa, Y. Extremely large N content (up to 10%) in GaNAs grown by gas-source molecular beam epitaxy 103881
Kondow, M. *see* Kita, T. 62857
Kondoz, A.M. *see* Kweh, T.H. 87179
Kondoz, A.M. *see* Yeldener, S. 98951
Kondrashov, D. A Maxwell's equation solver for 3-D MHD calculations 107827
Kondrashov, D., Keefer, D. A 3-D numerical study of a 1-cm bore plasma railgun 116837
Kondratenko, M.A. *see* Babin, S.A. 85364
Kondratenko, M.A. *see* Babin, S.A. 116370
Kondratenko, V.V. *see* Artyukov, I.A. 69907
Kondrat'ev, A.G. *see* Al'khovskii, E.A. 88075
Kondrat'ev, A.G. *see* Berezhnaya, I.V. 85952
Kondrat'ev, A.S. *see* Khazmalyan, A.D. 108070
Kondrat'ev, A.V. *see* Korkishko, Y.N. 95735
Kondratiev, O. *see* Akesson, T. 69833
Kondratiev, S.N., Plessky, V.P., Schwab, M.-A. Compact low loss IF balanced bridge filters 104660
Kondratiev, S.N. *see* Plessky, V.P. 106413
Kondratjev, R. *see* Huenger, A. 69838
Kondratov, A.A. *see* Sverdlov, V.Ya. 95569
Kondratov, V.T. The systematic error correction in measurement transduction of the physical quantities X, X^2 and X^3 110110
Kondratov, V.T., Skripnik, Yu.A. Errors correction in nonlinear transducers 99910
Kondratov, V.T., Skripnik, Yu.A. Measuring the comprehensive dielectric permittivity by the directional effects method 110332
Kondratov, V.T., Skripnik, Yu.A. A digital device for measurement of physical and chemical parameters of materials and substances 110333
Kondratov, V.T. *see* Mikhalevich, V.S. 99813
Kondratov, V.T. *see* Mikhalevich, V.S. 99912
Kondratuk, N.V., Shagov, A.A. The injection of a narrowband pulses from BBO optical parametric oscillator into pulsed Ti:sapphire laser 107178
Kondratyev, A. *see* Cortadella, J. 83060
Kondratyev, A. *see* Pastor, E. 73010
Kondratyeva, M.I. *see* Dolin, L.S. 70510
Konecke, S., Miller, H., Rea, D., Sturcken, K. Double sided memory cube module 82235
Konecna, E. Problem of supplying traction transformer stations from a very-high voltage network 112540
Konecny, A. *see* Koktavy, B. 93967
Konecny, E. *see* Gehring, H. 80173
Konecny, K. *see* Honzatko, J. 101006
Konecny, R. *see* Barov, N. 89644
Konecny, R. *see* Power, J. 90089
Konecny, R. *see* Schoessow, P. 89708
Konefal, T., Marvin, A.C. UHF intermodulation product prediction in digital systems using SPICE: the need for nonlinear macromodels 107955
Konegen, R.R. *see* Regula, M. 61926
Konen, W. Neural information processing in real-world face-recognition applications 97888
Konenkamp, R., Hoyer, P., Wahi, A. Heterojunctions and devices of colloidal semiconductor films and quantum dots 62823
Konenkamp, R. *see* Gleskova, H. 63745
Konenkova, E.V. *see* Bessolov, V.N. 114945
Konert, T. *see* Herrmann, J. 60669
Konev, V.V. *see* Dmitrienko, A.A. 76941
Kong, A. Predicting life from analysis of field aged 500 kV series capacitors 121832
Kong, C.W. *see* Balasubramanian, N. 113434
Kong, H., Guan, L. A neural network adaptive filter for the removal of impulse noise in digital images 66941
Kong, H., Shwedyk, E. A hidden Markov model (HMM)-based MAP receiver for Nakagami fading channels 68036
Kong, H., Shwedyk, E. Detection of amplitude-phase modulated signals over frequency nonselective Rayleigh fading channels with adaptive symbol-aided channel estimation 117340
Kong, H.-S. *see* Bulman, G.E. 96329
Kong, H.-S. *see* Edmond, J. 116263
Kong, H.J. *see* Chang, D.I. 107149
Kong, H.S. *see* Bulman, G.E. 65240
Kong, H.S. *see* Tsvetkov, V.F. 103974
Kong, J.-H. A data structure and algorithm for MOS logic-with-timing simulation 113850
Kong, J.A. *see* Ding, K.H. 111265
Kong, J.A. *see* Johnson, J.T. 120877
Kong, J.A. *see* Nghiem, S.V. 120857
Kong, J.A. *see* Shih, S.E. 120863
Kong, L. *see* Chou, S.Y. 75095
Kong, M. *see* Pan, D. 69190
Kong, M.G. Controlling mode competition in a waveguide FEL with a two-sectioned wiggler magnet 116570
Kong, M.G., Benson, T.M., Christopoulos, C. Reduction of numerical errors in the simulation of field-particle interaction problems using the TLM algorithm 65918
Kong, M.G. *see* Stuart, R.A. 96439
Kong, M.J., Beker, B. Application of GIBCs to the computation of resonant frequencies for uniaxial cylindrical resonators 75069
Kong, M.Y. *see* Pan, D. 110147
Kong, S.K., Ku, W.H. Chopper stabilised ΠΔΣ analogue to digital conversion 73469
Kong, W. *see* Fogarty, J. 85297
Kong, X. *see* Tahernezhadi, M. 98809
Kong Bai-Sun *see* Bai-Sun Kong
Kong Fanlong *see* Fanlong Kong

Kong Fanpeng *see* Yang Chunming 81068
Kong Guanglin *see* Guanglin Kong
Kong Hong Jin *see* Hong Jin Kong
Kong Jae-Sop *see* Jae-Sop Kong
Kong Jin Au *see* Jin Au Kong
Kong Jong Pil *see* Jong Pil Kong
Kong Lingbing, Zhang Liangying, Yao Xi Humidi-tive sensing properties of LiCl/SiO$_2$ porous thin films 69112
Kong Linshu *see* Shen Baogen 64476
Kong Linshu *see* Linshu Kong
Kong Mei-Ying *see* Mei-Ying Kong
Kong Meiying *see* Lu Liwu 115244
Kong Meiying *see* Wang Xiaoliang 103929
Kong Ning *see* Ning Kong
Kong Tianming, Hong Xianlong Timing-driven floorplanning algorithm for building block layout 61542
Kong Xiangzhong, Li Gongping, Li Dongcang, Yang Baotai, Yang Jingkang, Gao Feng A plastic scintillator nuclear weighing-scale 69821
Kong Xuan *see* Xuan Kong
Kong Yongfa *see* Yongfa Kong
Kong-Beng Thei, Jung-Hui Tsai, Wen-Chau Liu, Wen-Shiung Lour Characteristics of functional heterostructure-emitter bipolar transistors (HEBTs) 84308
Kongslie, K.F., Culter, R.G., Bos, P.J. A synchronously strobed backlight for improved video-rate STN performance 89380
Kongslie, K.F. *see* Culter, R.G. 89381
Konicek, J. *see* Briancon, C. 69880
Konidaris, D.N., Tegopoulos, J.A. Sensitivity of torsional stress predictions of diesel generator sets to critical parameter values 111819
Konig, D. *see* Handschin, E. 121224
Konig, H. *see* Guerrouat, A. 118108
Konig, U. *see* Gruhle, A. 83513
Konig, U. *see* Schumacher, H. 62346
Konig, U. *see* Schuppen, A. 63601
Konig, U. *see* Schuppen, A. 93841
Konig, Y. *see* Bourlard, H. 86136
Konigbauer, R. *see* von Altrock, C. 81461
Koniges, A.E. *see* Batishcheva, A.A. 82555
Konijn, J. *see* Annis, P. 80121
Konijn, J. *see* Martellotti, G. 80122
Konik, H., Laget, B. Using local pyramids for more robust object delineation 77419
Konik, H., Laget, B., Redortier, B., Calonnier, M. Automatic vision system for an objective cotation of textile surfaces 67344
Konin, A.D. *see* Baranov, V.A. 90169
Konin, A.M., Sashchuk, A.P. Thermogradient concentration effect in bipolar semiconductors 114570
Konin, A.M., Sashchuk, A.P. A method for the determination of the surface recombination rate in bipolar semiconductors 119829
Koning, O. *see* Bachus, E.-J. 78914
Koning, O.J. *see* Meuris, B. 88476
Konishi, H., Yokoya, A., Shiwaku, H., Motohashi, H., Makita, T., Kashihara, Y., Hashimoto, S., Harami, T., Sasaki, T.A., Maeta, H., Ohno, H., Maezawa, H., Asaoka, S., Kanaya, N., Ito, K., Usami, N., Kobayashi, K. Synchrotron radiation beamline to study radioactive materials at the Photon Factory 69911
Konishi, H. *see* Iwata, Y. 81013
Konishi, J. *see* Kobayashi, H. 80247
Konishi, J. *see* Tsuchida, T. 120371
Konishi, K. Hydraulic actuators driven by piezoelectric elements 115446
Konishi, K., Itoh, I., Okamoto, N. Characteristics of a five-layered waveguide with a magneto-plasma layer sandwiched between two dielectric slabs 65966
Konishi, N. *see* Aoyama, T. 63957
Konishi, N. *see* Kawachi, G. 89388
Konishi, N. *see* Ono, K. 119817
Konishi, R. *see* Sasaki, H. 63772
Konishi, S. *see* Yoshioka, Y. 71467
Konishi, T., Tanida, J., Ichioka, Y. Self-aligned interconnection system between optical computing modules using injection locking of diode laser 85185
Konishi, T. *see* Asano, A. 87236
Konishi, T. *see* Baba, M. 110109
Konishi, T. *see* Nomura, M. 101709
Konishi, T. *see* Yamamoto, O. 81127
Konishi, T. *see* Yamamoto, O. 94184
Konishi, Y. Determination of capacitances and inductances of the uniform coupled lines in the anisotropic inhomogeneous medium by resistive sheet 85921
Konishi, Y., Onishi, Y., Momota, S., Sakurai, K. Optimized local lifetime control for the superior IGBTs 105912
Konishi, Y. *see* Baba, Y. 88201
Konishi, Y. *see* Kumanoya, M. 61904
Konishi, Y. *see* Miura, T. 83308
Konishi, Y. *see* Miura, T. 114197
Konishi, Y. *see* Murakami, M. 91793
Konishi, Y. *see* Ohtsuka, M. 76657
Konislli, T. *see* Kagawa, K. 106897
Konkar, A. *see* Rich, D.H. 94494
Konkin, S.V., Krivitskii, A.M., Reboni, V.K., Rotinyan, M.A., Fedorov, I.A. Experimental investigation of the characteristics of a supersonic CW chemical chain-reaction DF-CO$_2$ laser 85375
Konkin, S.V., Rebone, V.K., Rotinyan, M.A., Fedorov, I.A. Ways of increasing the specific energy characteristics of self-contained supersonic CW chemical HF lasers 75806
Konkin, S.V., Rebone, V.K., Rotinyan, M.A., Tret'yakov, N.E., Fedorov, I.A. Influence of the edge effect on the energy characteristics of a supersonic CW chemical HF laser 85360
Konkin, S.V. *see* Belyaev, A.A. 75811
Konkin, S.V. *see* Belyaev, A.A. 116307
Konkol, M. *see* Leiby, C. 67788
Konnikov, S.G. *see* Brunkov, P.N. 74361
Konnis, G. *see* Dembeyiotis, S. 111022
Konno, H. *see* Ohara, H. 98190
Konno, K., Ido, H., Pourarian, F., Obermyer, R.T., Sanker, S.G. Magnetic and crystallographic properties of R$_2$Fe$_{14}$Si$_2$ (R=Y, Gd, Dy, Er, and Tm) compounds 75140
Konno, K., Kojima, T. A wireless automatic passenger gate 68348
Konno, K., Kojima, T. Properties of a simple modulation system for multiple wireless gates 97427
Konno, M. *see* Bohno, T. 103051
Konno, M. *see* Miyagi, T. 114331
Konno, M. *see* Umeda, T. 73518
Konno, O. *see* Maruyama, K. 100989
Konno, S. *see* Yasui, K. 96201
Konno, T., Egashira, M., Shinya, N. Powder particle manipulation using micro-probe and assemblage of micro-structure 115379
Konno, T. *see* Egashira, M. 95218
Konno, T. *see* Shinya, N. 106282
Konnur, M.S. *see* Atmanand, M.A. 110460
Konnur, M.S. *see* Prabu, S.V. 99961
Kono, J., Lee, S.T., Salib, M.S., Herold, G.S., Petrou, A., McCombe, B.D. Optically detected impurity D^0 and D$^-$ transitions in GaAs quantum wells 62964
Kono, J., Nakamura, Y., Peralta, X.G., Cerne, J., Allen, S.J., Jr., Akiyama, H., Sakaki, H., Sigihara, T., Sasa, S., Inoue, M. Terahertz photoresponse of quantum wires in magnetic fields 105391
Kono, K., Koashi, M., Hirano, T., Matsuoka, M. Controlling the correlation between the signal and idler mode photons 76176
Kono, S., Goto, T., Ogura, Y., Abukawa, T. Critical thickness for the solid phase epitaxy: Si/Sb/Si(001) 113295
Kono, T. *see* Tanaka, T. 62918
Kono, Y. *see* Fukumori, H. 72730
Kono, Y. *see* Nagai, N. 80891
Kono, Y. *see* Suzuki, H. 90942
Konogi, H. *see* Nakamura, J. 61165
Konoma, H. *see* Fettweis, G. 109283
Konomi, I. *see* Ito, T. 105584
Kononchuk, O.F., Sutija, D.P., Norby, T., Kofstad, P. Transient thermogravimetric measurement of chemical diffusion in La$_{0.7}$Sr$_{0.3}$CoO$_{3-\delta}$ 81789
Kononen, M. *see* Makela, K. 90409
Kononenko, S. *see* Bulyak, E. 80149
Kononenko, S. *see* Efimov, S. 79962
Kononenko, S. *see* Karnaukhov, I. 79776
Kononenko, T.V. *see* Garnov, S.V. 92954
Kononenko, T.V. *see* Garnov, S.V. 107659
Kononenko, V.K., Nalivko, S.V. Spectral characteristics of asymmetric quantum-well heterostructure laser sources 96371
Kononenko, V.K. *see* Afonenko, A.A. 116488
Kononenko, V.L. Integral effects in laser Doppler anemometry of systems of particles with correlation between their size and phoretic mobility 119946
Kononenko, W., Lockyer, N.S. Substrate studies of cesium-iodide photocathodes 62559
Konopaltseva, L., Semerenko, M., Sytchova, N. Designing of integrated-optic schemes on the basis of distributed expert system 85339
Konopaltseva, L.I. *see* Volosovich, A.E. 85180
Konopaltseva, L.I. *see* Volosovich, A.E. 85327
Konopaltseva, L.I. *see* Zadorozhnii, V.I. 96687
Konopka, A., Lewandowski, S.J., Mikheenko, P.N., Monaco, R. Equilibrium states in multijunction superconducting quantum interferometers 75343
Konopka, W. *see* Wolinski, T.R. 110193
Konoplev, I.V. *see* Ginsburg, N.S. 76066
Konoplev, I.V. *see* Ginzburg, N.S. 96510
Konoplev, Yu.V., Izgorodin, A.K., Gridnev, A.I. Texture and properties of one-piece pressed multipole rotors 81384
Konoplev, Yu.V. *see* Izgorodin, A.K. 106552
Konopliannikov, A. *see* Alvsvaag, S.J. 90124
Konoplyannikov, A.K. *see* Antipov, Yu.M. 69794
Konopsky, V.N. A new type of optical gyro via electro-optical oscillator 64814
Konopsky, V.N., Sekatskii, S.K., Letokhov, V.S. Laser photoelectron projection microscopy with subwavelength spatial resolution 74086
Konorski, J. Access to a high-speed register-insertion ring based on a local/ring priority toggle 98742
Konotopskaya, E.V. *see* Bussa, M.P. 69878
Konov, V.I. *see* Garnov, S.V. 92954
Konov, V.I. *see* Garnov, S.V. 107659
Konov, V.I. *see* Nikitin, P.I. 64462
Konov, V.I. *see* Pimenov, S.M. 94830
Konovalov, A.B., Volegov, P.L. Design of an MRI magnet with an ellipsoidal uniform field 70010
Konovalov, A.N. *see* Golovnin, I.V. 85445
Konovalov, G. *see* Gil, N. 113016
Konovalov, I.N. *see* Basov, V. 116348
Konovalov, N.A., Veselovsky, V.B., Kovalenko, V.I., Lakhno, N.I., Skorik, A.D., Furmanov, V.B., Polyakov, G.A. Cine and television recording and image processing systems for studies of fast-progressing processes 117722
Konovalov, S. *see* Akesson, T. 69833
Konovalov, S.I., Kuz'menko, A.G. Effect of separation of the radiator and receiver resonance frequencies on acoustic channel pulse performance 111383
Konovalov, V., Muravski, A., Yakovenko, S., Smirnov, A., Usenok, A. A single-polarizer color reflective AMLCD with improved contrast 89417
Konovalov, V. *see* Oussenok, A. 89330
Konovalov, V.A. *see* Murin, B.P. 89773
Konovalov, V.V. Problems of power engineering in the Altai territory 71124
Konovodchenko, V.A. *see* Morozova, S.P. 89080
Konrad, A., Graovac, M. An application for line elements embedded in a 2D or 3D finite element mesh 65655
Konrad, A., Graovac, M. The floating potential approach to the characterization of capacitive effects in high-speed interconnects 107741
Konrad, A., Graovac, M. The finite element modeling of conductors and floating potentials 114338
Konrad, J., Radecki, J., Dubois, E. The application of two-dimensional finite-precision IIR filters to enhanced NTSC coding 97899
Konrads, U. *see* Abramowski, S. 98888
Konrath, W. *see* Brauns, H. 114312
Kons, L. *see* Detering, M. 121384
Kons, L. *see* Detering, M. 121394
Konshi, M. *see* Narita, S. 109299
Konstantinchenko, A.A. *see* Vasil'chenko, V.G. 69798
Konstantinou, K., Paul, D.K. Analysis and design of broadband, high efficiency feedforward amplifiers 83405
Konstantinou, K. *see* Hickson, M.T. 62249
Konstantinov, A., Harris, C.I., Henry, A., Monemar, B., Janzen, E. Formation mechanism and photoluminescence of porous silicon carbide 64911
Konstantinov, A. *see* Akesson, T. 69833
Konstantinov, A.O., Hallin, C., Kordina, O., Janzen, E. Effect of surface stoichiometry on nucleation and growth of silicon carbide 104047
Konstantinov, A.O. *see* Hallin, C. 104135
Konstantinov, K. *see* Stambolova, I. 110098
Konstantinov, K. *see* Stambolova, I. 114681
Konstantinov, M., Popchev, I., Angelova, V. Sensitivity and numerical properties of Kalman filters 108259
Konstantinov, M.M. *see* Petkov, P.H. 113064
Konstantinov, P.P. *see* Svechnikova, T.E. 94444
Konstantinova, E.A., Dittrich, T., Timoshenko, V.Yu., Kashkarov, P.K. Adsorption-induced modification of spin and recombination centers in porous silicon 94309
Konstantinova, E.A. *see* Kashkarov, P.K. 74113
Konstantinova, E.A. *see* Timoshenko, V.Yu. 94299
Konstantinova, M. *see* Koprinarov, N. 62404
Konstantoulakis, G. *see* Sierens, C. 67950
Kontoleon, J.M. *see* Mehdi, K.A. 92340
Kontoravdis, D., Kollias, S., Stafylopatis, A. A two-phase connectionist approach to invariant picture interpretation 77238
Kontorovich, V., Lyandres, V. Impulsive noise: a nontraditional approach 97739
Kontovasilis, K. *see* Mitrou, N. 77629
Kontovasilis, K. *see* Mitrou, N. 118208
Kontoyannis, N.S., Lanni, F. Measured and computed point spread functions for an indirect water immersion objective used in three-dimensional fluorescence microscopy 98283
Kontoyiannis, I., Suhov, Y.M. Stationary entropy estimation via string matching 86019
Kontra, R. *see* Varhue, W.J. 82619
Kontrus, M. *see* Bankier, A.A. 101234
Konuk, H., Ferguson, F.J. An unexpected factor in testing for CMOS opens: the die surface 106204
Konuma, K., Asano, Y., Masubuchi, E., Utsumi, H., Tohyama, S., Eundo, T., Azuma, H., Teranishi, N. An infrared bi-color image sensor for precise thermal images 69286
Konuma, M. *see* Kohler, R. 113349
Konuma, M. *see* Raidt, H. 113379
Konuma, M. *see* Silier, I. 113403
Konuma, T. *see* Shimizu, M. 95281
Konuri, S. *see* Watanabe, H. 93483
Konwerska-Hrabowska, J. Precise optical force sensors made of polycarbonate or epoxyde disks 89162
Konyaev, V.P. *see* Batovrin, V.K. 107331
Konyashenko, E.A., Rudenko, V.N., Shmykov, V.N. The method of spectral charge density in the analysis of planar radiator systems 86002
Konyashkin, V.V. *see* Dyatlov, V.L. 102763
Konyukhov, A.A. *see* Gavrilin, A.V. 95583
Konzbul, P., Sveda, K., Srnka, A. Superconducting shim system with high purity magnetic field for NMR and MRI solenoid magnet MIDI-200 95545
Koo, C.-S. *see* Yu, S.-G. 100172
Koo, J.G. *see* Kim, J.D. 105462
Koo, J.G. *see* Park, M. 105723
Koo, K.P., Kersey, A.D. Noise and cross talk of a 4-element serial fiber laser sensor array 89123
Koo Baik Hong *see* Hong Koo Baik
Koo Bon Cheol *see* Bon Cheol Koo
Koo Chi Kyeong *see* Kyeong Koo Chi

Koo Cho Seung *see* Seung Koo Cho
Koo Han Min *see* Min Koo Han
Koo Heon-Hoi *see* Heon-Hoi Koo
Koo Ja Yoon *see* Ja Yoon Koo
Koo Ja-Yoon *see* Ja-Yoon Koo
Koo Jung Hoe *see* Jung Hoe Koo
Koo Kim Hong *see* Hong Koo Kim
Koo Park Sang *see* Sang Koo Park
Koo Sung-Mo *see* Sung-Mo Koo
Koo Yeon-Seol *see* Yeon-Seol Koo
Koo Yong Seo *see* Yong Seo Koo
Koo Yong Shin *see* Jeong Doo Kim 81100
Koo-Yong Shin *see* Jeong-Boo Kim 81106
Koohong Kang, Yongseok Yoon, Cheeha Kim A CAC scheme for heterogeneous traffic in ATM networks to support multiple QoS requirements 77614
Koohong Kang, Yongseok Yoon, Cheeha Kim A connection admission control scheme for heterogeneous traffic in ATM networks 108788
Kooi, P.S. *see* Lau, Y.C. 65825
Kooi, P.S. *see* Leong, M.S. 97230
Kooi, P.S. *see* Yeo, T.S. 73662
Kooij, M.W.A.van der *see* van der Kooij, M.W.A.
Kooijman, K.S. *see* Asjes, R.J. 73885
Kooistra, E. A software implemented spread spectrum modem based on two TMS320C50 DSPs 78267
Kook, K. *see* Roh, J. 67903
Kook, T. *see* Yang, T.S. 105820
Kook Kim Hong *see* Hong Kook Kim
Kook Yang Hyung *see* Hyung Kook Yang
Kook Yoo Sun *see* Sun Kook Yoo
Kook-Sang Park, Ky-Am Lee Calculated quantum efficiency of a 3C-SiC/Si photodiode sensitive to visible and ultraviolet radiation 69142
Koole, G. On the pathwise optimal Bernoulli routing policy for homogeneous parallel servers 113074
Kools, J.C.S. Exchange-biased spin-valves for magnetic storage 84851
Kools, J.C.S. *see* Geurtsen, A.J.M. 92929
Kools, J.C.S. *see* McCord, J. 115652
Koomen, I.C.J. Technologies for the multimedia city 84530
Koomen, P.J. *see* Snoeij, P. 68664
Koomen, P.J. *see* Snoeij, P. 68695
Koon, E.F. *see* Iman, R.L. 73856
Koon, J. Low-residue soldering of military electronics 72391
Koon, N.C. *see* Horwitz, J.S. 106479
Koon, N.C. *see* Snyder, J.E. 64331
Koon, N.C. *see* Sui, X. 106570
Koon, P.W. Understanding the role of the DCS–real-time optimized SPC/SQC 82288
Koon-Seng Lim *see* Lazar, A.A. 109203
Koon-Seng Lim *see* Lazar, A.A. 109240
Koonar, A. *see* Asmus, K.W. 88782
Koonen, A.M.J. Optical routing in broadband fibre communication networks 109683
Koono, Z. *see* Far, B.H. 109300
Koono, Z. *see* Jilong Hua 118729
Koontz, R. *see* Decker, F.-J. 100691
Koop, I., Shatunov, Yu. Spin flip by RF-field at storage rings with Siberian Snakes 120002
Koopman, J. *see* Camas, J. 100597
Koopman, K. Fluxless soldering gaining followers 83661
Koopman, N., Nangalia, S., Rogers, V. Fluxless no-clean assembly of solder bumped flip chips 114466
Koopman, N., Nangalia, S., Rogers, V., Peterson, J., Brinkley, P., Yow, E., Bobbio, S., Pennington, M. Fluxless, no clean solder processing of components, printed wiring boards, and packages in air and nitrogen 94055
Koops, H.W.P., Babin, S., Weber, M., Dahm, G., Holopkin, A., Lyakhov, M. Evaluation of the dry resist octavinylsilsesquioxan and its application to three-dimensional electron-beam lithography 105807
Koops, H.W.P. *see* Dobisz, E.A. 74649
Koops, H.W.P. *see* Lin, S.-Y. 95918
Koorapaty, H., Bitzer, D.L., Dholakia, A., Vouk, M.A. A table-based reduced complexity sequential decoding algorithm 66340
Koorapaty, H., Chennakeshu, S., Yi-Pin Wang, Ramesh, R. MAP decoding for satellite channels 109487
Koorapaty, H. *see* Dholakia, A. 66308
Kooreman, P. Individual discounting, energy conservation, and household demand for lighting 122068
Koori, N. *see* Amurohka, H. 100892
Kootsookos, P.J., Ward, D.B., Williamson, R.C. Frequency invariant beamforming with exact null design 117487
Kootwijk, P.A.A. The speech intelligibility of the public address systems at 14 Dutch railway stations 68937
Kopaev, Yu.V. *see* Aleshchenko, Yu.A. 74360
Kopaev, Yu.V. *see* Kapaev, V.V. 63828
Kopalidis, P.M., Vertommen, J., Badenes, G. Characterization and residue elimination of hot aluminum etching in a transformer coupled plasma etcher 63385
Kopalko, K. *see* Wojtowicz, T. 72760
Kopans, D.B. *see* Kumar, R. 69937
Kopanski, J.J. *see* Seiler, D.G. 79437
Kopcewicz, M., Grabias, A. Mossbauer study of the surface crystallization of the amorphous and nanocrystalline $Fe_{81}Zr_7B_{12}$ alloy 115480
Kopcsa, A. *see* Gassler, H. 72157
Kopczyk, M., Wojcik, G., Mlynarek, G., Sierczynska, A., Beltowska-Brzezinska, M. Electrochemical absorption-desorption of hydrogen on multicomponent Zr-Ti-V-Ni-Cr-Fe alloys in alkaline solution 91708
Kopczyk, M. *see* Wojcik, G. 121846
Kopczynski, K., Mierczyk, Z., Kaczmarek, S. Optical and lasing properties of crystals for diode pumped solid state lasers 85436
Kopczynski, K., Mierczyk, Z., Kaczmarek, S. Properties of crystals for diode pumped solid state laser devices 107213
Kopczynski, K. *see* Kaczmarek, S. 107179
Kopczynski, K. *see* Zendzian, W. 107211
Kopec, G.E. *see* Kam, A.C. 117158
Kopec, M. On increasing efficiency of circular self-test path 83053
Kopec, T.K. *see* Jose, J.V. 95475
Kopeck, R. *see* Holstein, D. 93764
Kopeika, N.S. *see* Arnon, S. 111224
Kopeika, N.S. *see* Dror, I. 116924
Kopeikin, R. Is ATM the future foundation of networking? 98980
Kopelevich, Y. *see* Makarov, V.V. 106656
Kopelman, J. *see* Macedonia, C. 90334
Kopelman, O. The 3 secrets to developing products in half the time 103391
Kopera, L. *see* Kovac, P. 106669
Kopernik, A., Tuleweit, W., Wagenbreth, S. Temporally coherent 3D video sequence analysis and modelling 87154
Kop'ev, P.S., Ledentsov, N.N., Ustinov, V.M., Kochnev, I.V., Bert, N.A., Egorov, A.Y., Zhukov, A.E., Komin, V.V., Kosogov, A.O., Krestnikov, I.L., Maximov, M.V., Ruvimov, S.S., Sakharov, A.V., Sherniakov, Yu.M., Tsatsul'nikov, A.F., Zaitsev, S.V., Alferov, Zh.I., Bimberg, D. Self organized InAs-GaAs quantum dots injection laser structure 107351
Kopev, P.S. *see* Aninkevicius, V. 63084
Kop'ev, P.S. *see* Brunkov, P.N. 74361
Kop'ev, P.S. *see* Cao, S.M. 114765
Kop'ev, P.S. *see* Egorov, A.Yu. 114763
Kop'ev, P.S. *see* Grundmann, M. 105374
Kop'ev, P.S. *see* Hofbeck, K. 105330
Kop'ev, P.S. *see* Ivanov, S.V. 74152
Kop'ev, P.S. *see* Kirstaedter, N. 65202
Kop'ev, P.S. *see* Kirstaedter, N. 96397
Kop'ev, P.S. *see* Ledentsov, N.N. 62870
Kop'ev, P.S. *see* Ledentsov, N.N. 63081
Kop'ev, P.S. *see* Ledentsov, N.N. 92737
Kopev, P.S. *see* Ledentsov, N.N. 107223
Kop'ev, P.S. *see* Schmidt, O.G. 85517
Kop'ev, P.S. *see* Schmidt, O.G. 107275
Kop'ev, P.S. *see* Toropov, A.A. 63007
Kop'ev, P.S. *see* Toropov, A.A. 75930
Kop'ev, P.S. *see* Wang, P.D. 63015
Kop'ev, P.S. *see* Zhmerik, V.N. 74537
Kopev, S. *see* Suchalkin, S. 69188
Kopf, D. You are not ready [security for Internet services] 118237
Kopf, D., Strassle, Th., Zhang, G., Kartner, F.X., Keller, U., Moser, M., Jubin, D., Weingarten, K.J., Beach, R.J., Emanuel, M.A., Skidmore, J.A. Diode-pumped femtosecond solid state lasers based on semiconductor saturable absorbers 96227
Kopf, D. *see* Braun, A. 96232
Kopf, E. *see* Grosse, G. 102502
Kopf, R.F. *see* Montgomery, R.K. 93888
Kopf, U. *see* Badura, E. 69804
Kopf, U. *see* Badura, E. 120203
Kopica, M. *see* Iftimia, N. 116369
Kopilovich, L.E. λ-fold difference bases for linear and rectangular arrays 113065
Kopilovich, L.E., Sodin, L.G. Aperture optimization of telescopes and interferometers: a combinatorial approach 68824
Kopina, I.V. *see* Gunder, O.A. 100910
Kopitin, M. *see* Akesson, T. 69833
Kopitz, D. The radio data system "RDS" in Europe, the USA and elsewhere 99728
Kopka, F. Compatibility in D-posets of fuzzy sets 60830
Kopka, P., Ermert, H. Analysis of vacuum microelectronic components by the use of special finite elements 74024
Kopka, P., Ermert, H. Analysis of vacuum microelectronic components by the use of special finite elements 83747
Kopl, R. *see* Bock, J. 84565
Kopl, R. *see* Treitinger, L. 73798
Kopley, T.E. *see* Diaz, C.H. 63947
Koplowitz, J., DeLeone, J. Hierarchical representation of chain-encoded binary image contours 67028
Koplowitz, J., DeLeone, J. Multilevel resolution of digital binary images 67099
Koponen, P., Seesvnori, R., Bostman, R. Adding power quality monitoring into a smart kWh-meter 102282
Koponen, P., Seesvuori, R., Bostman, R. Adding power quality monitoring to a smart kWh meter 111684
Koponen, P. *see* Lehtonen, M. 81035
Koponen, P. *see* Saari, H. 102283
Koponen, P. *see* Saari, H. 111685
KOpp, A. Metallised paper capacitors combine fire prevention with interference suppression 83559
Kopp, B.A., Axness, T.A. Multi-chip receive module for a wide-band X-band dual-beam phased array communication antenna 97368
Kopp, L. *see* Balkenius, C. 117795
Kopp, L.S. Connector enhancements assist PCMCIA PC card performance and portability 114388
Kopp, M.B. *see* Ungvichian, V. 65922
Kopp, S., Artuso, M., Efimov, A., Gao, M., Playfer, S., Mountain, R., Muheim, F., Stone, S. Prototype studies for the CLEO III RICH 80078
Kopp, S. *see* Playfer, S. 69749
Kopp, W.F. *see* Rogers, T.J. 84485
Kopp-Borotschnig, H., Pinz, A. A new concept for active fusion in image understanding applying fuzzy set theory 117695
Koppel, T. *see* Stiebler, W. 95051
Koppen, M. *see* Biebelmann, E. 117670
Koppen, M. *see* Ruiz-del-Solar, J. 108726
Koppenhoefer, S. Algorithmic synthesis of control compensators 67722
Koppenhoefer, S. *see* Fuhrman, C.P. 67764
Kopperman, R. *see* Evako, A.V. 60866
Koppl, G. *see* Braun, D. 91248
Koprinarov, N., Stefanov, R., Pchelarov, G., Konstantinova, M., Stambolova, I. Carbon electrodes for solar cells and other semiconductor devices 62404
Koprinarova, J. *see* Andreev, A. 75450
Koprinkov, I. *see* Ilev, I. 76148
Koptev, Yu.N., Gorish, A.V. Fiber-optic sensors for space applications 80550
Koptev, Yu.N., Gorish, A.V. Sensor instrumentation for rocket and space technology 80565
Kopylod, V.B. *see* Ignat'ev, A.S. 116101
Kopylov, A.A., Mintairov, A.M., Kholodilov, A.N. Infrared reflection and optical phonons in epitaxial layers of the solid solutions $In_xGa_{1-x}As/GaAs$ 74130
Kopylova, T.N. *see* Kuznetsova, R.T. 116394
Kopylova, T.N. *see* Kuznetsova, R.T. 116395
Korablev, K. *see* Zagozdzon-Wosik, W. 114901
Korablev, V.V. *see* Ershov, S.G. 105690
Korablyev, V.A. *see* Dulnev, G.N. 105833
Korakakis, D. *see* Moustakas, T.D. 104058
Korane, K.J. Mobile machines get CAN in gear 118425
Korane, R.S. *see* Verma, H.K. 111544
Koras, A.D. *see* Politis, G.K. 71203
Korba, L. *see* Petriu, E.M. 108349
Korbel, G. *see* Deis, G. 106719
Korber, F. Testing GSM/PCN/PCS base stations in production, installation and service with CMD54/57 88954
Korber, W. *see* Protzmann, H. 103889
Korber, W. *see* Spalthoff, U. 96071
Korbicz, J., Kus, J. Knowledge-based fault detection system using genetic observer approach 99858
Korbicz, J., Ucinski, D., Pieczynski, A., Marczewska, G. An integrated approach to fault detection and diagnosis in power plant 111702
Korbov, A.I., Asainov, A.F., Voronov, B.B., Kokshaiskii, I.N. Automated system for measuring the phase, velocity, and amplitude of ultrasonic waves in solids 88924
Korbs, T. *see* Fey, D. 106899
Korbutowicz, R. Heteroepitaxy of GaAs on Si in MOCVD technique 61191
Korbutyak, D.V. *see* Litovchenko, V.G. 105191
Korchagin, Yu.E. *see* Nechaev, E.P. 119272
Korchuganov, V. *see* Becker, T. 89791
Korchuganov, V. *see* Kadnikov, A. 89779
Korczak, E. Evaluation of mean time to repair of a complex technical system 92318
Korde, R. *see* Gullikson, E.M. 79425
Kordesch, A.V. *see* Macek, M. 63414
Kordesch, K., Simander, G. Fuel cells and their applications 92018
Kordesch, K., Weissenbacher, M., Urdl, P. Rechargeable alkaline manganese dioxide-zinc batteries 112233
Kordina, O., Bergman, J.P., Hallin, C., Janzen, E. The minority carrier lifetime of n-type 4H- and 6H-SiC epitaxial layers 94428
Kordina, O., Hallin, C., Ellison, A., Bakin, A.S., Ivanov, I.G., Henry, A., Yakimova, R., Touminen, M., Vehanen, A., Janzen, E. High temperature chemical vapor deposition of SiC 103913
Kordina, O. *see* Bakin, A.S. 104165
Kordina, O. *see* Hallin, C. 104135
Kordina, O. *see* Hallin, C. 105712
Kordina, O. *see* Henry, A. 105225
Kordina, O. *see* Ivanov, I.G. 114865
Kordina, O. *see* Janzen, E. 104053
Kordina, O. *see* Konstantinov, A.O. 104047
Kordonski, W., Jacobs, S. Model of magnetorheological finishing 82784
Kordonsky, W. *see* Ashour, O. 82783
Kordos, P. *see* Betko, J. 114637
Kordos, P. *see* Dubecky, F. 110574
Kordos, P. *see* Horstmann, M. 89103
Kordos, P. *see* Horstmann, M. 96068
Kordos, P. *see* Horstmann, M. 100034
Kordos, P. *see* Horstmann, M. 100045
Kordos, P. *see* Novak, J. 114951
Kordos, P. *see* Schimpf, K. 104836
Kordos, P. *see* Schoning, M.J. 89046

Kordsmeier, R. *see* Huenger, A. 69838
Kore-Eda, T. *see* Takeuchi, T. 105468
Korec, J. *see* Niemann, E. 103990
Korechika, T., Hattori, T., Kawasaki, T., Kuramasu, K., Jitousho, N., Ishiai, Y., Matsuura, A., Ouchi, S., Ichinomiya, N., Ueda, S., Saitoh, K., Inoue, T., Tanigawa, H., Maekawa, S., Yamamoto, S., Kitabatake, M. InSb thin film magneto-resistors for revolution sensor 122056
Korechika, T. *see* Kitabatake, M. 113394
Korei, Y. *see* Amaya, M. 121317
Korejwa, J.W. *see* Nguyen, S.V. 95239
Korematsu, J., Shimizu, T., Tsubota, H., Nunomura, Y. The M32R: A 32 bit RISC microprocessor embedded with a 16 Mbit DRAM 73404
Korematu, J. *see* Iwata, S. 113978
Korematu, J. *see* Shimizu, T. 73431
Koren, I. *see* Schlussler, J.-U. 62115
Koren, M. *see* Peters, J.O. 113518
Koren, P.B. *see* Eskildsen, L. 85519
Koren, S.A. *see* Richards, P.M. 90632
Koren, U. *see* Eiselt, M. 85016
Koren, U. *see* Evangelides, S.G., Jr. 109667
Koren, U. *see* Glance, B. 99572
Koren, U. *see* Hansen, P.B. 85499
Koren, U. *see* Hemenway, B.R. 68523
Koren, U. *see* Kaminow, I.P. 77942
Koren, U. *see* Lenz, G. 65519
Koren, U. *see* Liou, K.-Y. 68486
Koren, U. *see* Nuss, M.C. 88590
Koren, U. *see* Paiella, R. 65511
Koren, U. *see* Raybon, G. 109609
Koren, U. *see* Young, M.G. 68418
Koren, Z. *see* Simunic, D. 80344
Koren, Z.T., Simunic, D. European standards in the fields of hazardous effects of electromagnetic fields: Recommendations of the period of 1995-1998 90647
Korenberg, M.J., Doherty, P.W. Rapid DTMF signal classification via parallel cascade identification 117299
Korenchenko, A.S. *see* Karpukhin, V.V. 90183
Korenchenko, S.M. *see* Karpukhin, V.V. 90183
Koreneff, G. *see* Lehtonen, M. 81035
Korenev, S.A., Perry, A.J. Small pulsed electron-ion sources for radiation technologies and surface modification of materials 110533
Korenivski, V., van Dover, R.B., Suzuki, Y., Gyorgy, E.M., Phillips, J.M., Felder, R.J. Interlayer exchange coupling in amorphous/crystalline $NiFe_2O_4$ thin-film bilayers 75155
Korenivski, V. *see* Suzuki, F. 75184
Korenivski, V. *see* Suzuki, Y. 75164
Korepanov, V.M. *see* Kovalev, V.P. 83567
Koretski, A.A. *see* Chmill, V.B. 120151
Koretsky, Y.P. *see* Belavin, V.A. 107088
Korevaar, E. *see* Kim, I.I. 89244
Korezlioglu, H. *see* Gagnaire, M. 118493
Korf, J. *see* Moscone, D. 101062
Korhonen, I., Mainardi, L., Baselli, G., Bianchi, A., Loula, P., Carrault, G. Linear multivariate models for physiological signal analysis: applications 110663
Korhonen, I., Mainardi, L., Loula, P., Carrault, G., Baselli, G., Bianchi, A. Linear multivariate models for physiological signal analysis: theory 110662
Korhonen, I., Takalo, R., Turjanmaa, V. Multivariate autoregressive model with immediate transfer paths for assessment of interactions between cardiopulmonary variability signals 90283
Korhonen, M. *see* Cao, L. 112926
Korhonen, M.A., Li, C.-Y. Stress migration and electromigration reliability of interconnects in ULSI-circuits 63469
Korhonen, M.A., Liu, T., Brown, D.D., Li, C.-Y. Stress and alloying effects in electromigration 115001
Korhonen, M.A. *see* Filippi, R.G. 115018
Korhonen, M.A. *see* Tao Liu 74631
Korhonen, T., Fukunaga, C., Tanaka, M. A GUI approach for control of the BELLE silicon detector data-acquisition system 90148
Kori, M.H. *see* Anbuchezian, S. 99277
Kori, M.H. *see* Henry, J. 99252
Korilis, Y.A., Lazar, A.A., Orda, A. The role of the manager in a noncooperative network 87608
Korinek, G.J. Tantalum in solid electrolytic capacitors–New developments 73827
Korinev, B.L. *see* Datskovskii, L.Kh. 103079
Korinthios, J.A. *see* Mitts, H. 78541
Korkishko, Y.N., Fedorov, V.A. Correlation between ordinary and extraordinary refractive indices and structural parameters of $H_xLi_{1-x}NbO_3$ and $H_xLi_{1-x}TaO_3$ waveguides 95753
Korkishko, Y.N., Fedorov, V.A., Kondrat'ev, A.V. Buried optical waveguides in $LiNbO_3$ and $LiTaO_3$ prepared by reverse proton exchange 95735
Korkishko, Yu.N., Fedorov, V.A. Structural and optical characterization of annealed proton exchanged $LiNbO_3$ optical waveguides 64775
Korkishko, Yu.N. *see* Fedorov, V.A. 75541
Korman, C.E. *see* Gwo-Chung Tai 113843
Kormann, L.F. *see* De Franceschi, A.S.M. 98739
Kormano, M. *see* Mattila, K.T. 120285
Kormer, S.B. *see* Borisov, V.P. 65040
Kormer, S.B. *see* Borisov, V.P. 116326
Kormilitsyi, A.I. *see* Diyankov, V.S. 119961
Kormina, L.A. *see* Komarova, L.F. 71125
Korn, C. *see* Guilmain, P. 69552
Korn, C.Falco *see* Falco Korn, C.
Korn, G. *see* Kittelmann, O. 96661
Korn, G. *see* Ringling, J. 96723
Korn, G. *see* Yamakawa, K. 107442
Korn, I. Performance of digital communications schemes with multidimensional signals in Gaussian noise 108749
Korn, J. Domain independent design theory 112853
Korn, J., Hatwell, E. Development of curricula for engineering degree courses 72115
Korn, J., Marshall, G.J. Role of symbolism in a business organisation 60505
Korn, M. *see* Bacher, G. 62895
Korn, M. *see* Litz, M.T. 74160
Kornacki, A. The linear sufficiency in multivariate Gauss-Markov model 92389
Kornarzynski, K. *see* Latuszynski, A. 120126
Kornaukhov, A.V., Chernov, A.L., Bogdanov, E.P., Martynchuk, S.V., Alyabina, N.A., Kuznetsov, V.P., Eremina, L.S., Knyazev, D.G., Nikishenkov, S.V. Impact ionization effect on frequency and pulse characteristics of silicon submicron structures 73700
Kornaukhov, A.V., Chernov, A.L., Bogdanov, E.P., Martynchuk, S.V., Alyabina, N.A., Kuznetsov, V.P., Eremina, L.S., Knyazev, D.G., Nikishenkov, S.V. Impact ionization effect on frequency and pulse characteristics of silicon submicron structures 73710
Kornaukhov, A.V., Chernov, A.L., Nikishenkov, S.V., Martynchuk, S.V., Alyabina, N.A., Kuznetsov, V.P., Eremina, L.S., Bogdanov, E.P. MM-wave range noise generation by multilayer epitaxial submicron Si-structures 73714
Korneev, V.V. *see* Anevsky, S.I. 88895
Kornegay, K.T. *see* Ryu, S. 106239
Kornelius, L. *see* de Graaf, R. 104936
Korner, H. *see* Touzel, J. 114361
Kornetzky, P., Moussaoui, Z., Batarseh, I., Hawasly, S., Kennedy, C. Modeling technique for DC to DC converters using Weinberg topology 112064
Kornetzky, P. *see* Hawasly, S. 112126
Kornetzky, P. *see* Khan, A. 112125
Kornetzky, P. *see* Khan, A. 121724
Kornetzky, P. *see* Siri, K. 71488
Kornev, V.K. *see* Mashtakov, A.D. 106678
Kornhuber, R. *see* Bornemann, F.A. 82511
Kornienko, A.A., Maltsev, G.N., Denisenko, M.Y. Methods of adaptive optics in coherent imaging systems 116611
Kornienko, L. *see* Dianov, E. 85695
Kornienko, L.S. *see* Arsenyan, T.I. 107674
Kornienko, N.E. *see* Zadorozhnii, V.I. 96687
Kornienko, V.K. *see* Belous, O.I. 105057
Kornienko, V.N. *see* Vlasov, A.N. 62594
Kornienko, V.N. *see* Vlasov, A.N. 105054
Kornienko, V.Yu. *see* Dzhala, R.M. 79641
Kornilov, V.M. *see* Lachinov, A.N. 82774
Kornilov, V.Yu. Invariant image description 117659
Kornilovich, A.A., Studenikin, S.A., Buldygin, A.F. Microwave setup for contactless determination of charge carrier concentration in semiconductor structures using the Shubnikov-de Haas effect 110339
Kornman, P. *see* Ganapathiraju, A. 108194
Kornoukhov, V.N. *see* Barabanov, I.R. 110568
Kornoukhov, V.N. *see* Elliott, S.R. 80104
Kornprobst, P. *see* Deriche, R. 86839
Kornreich, P., Ju-Tah Tung, Flattery, J., Bor Chuan Hwang Metal strip polarizing fibers 116025
Kornreich, P., Nai-Shuo Cheng, Liu Ming Wu, Ju-Tah Tung, Boncek, R., Krol, M., Stacy, J., Donkor, E. Semiconductor cylinder fibers 85005
Kornreich, P. *see* Ju-Tah Tung 116431
Kornyshev, A.A. *see* Abel, J. 114344
Kornyushkin, N.A., Valisheva, N.A., Kovchavtsev, A.P., Kuryshev, G.L. Effect of interface properties and deep levels in the band gap on the capacitance-voltage characteristics of indium arsenide MIS structures 74477
Korobeinikov, A.Yu. *see* Raevskii, E.I. 75091
Korobeynikov, S.M., Sarin, S.G., Lipunov, N.B., Furin, G.G. HV conduction and breakdown in perfluorotriethylamine at DC stresses 64040
Korobko, E.V. Seismoreception on the basis of electrosensitive fluid 120690
Korobkov, A.I., Stepanyuk, A.E., Shagurin, I.I. Determination of pseudorandom test length for combinational logic of VLSI circuits on the basis of structural definitions 61809
Korobov, V. *see* Leibovitch, M. 75684
Korogod, V.V. *see* Borovskii, R.E. 104813
Korol, M., Jerby, E. Quasi-anomalous Doppler effect in a periodic-waveguide cyclotron maser 96515
Korol, M. *see* Jerby, E. 107032
Korolenko, P. *see* Arsenyan, T. 120755
Korolenko, P.V. Laser beams with helical wavefront dislocations and their applications in the diagnostical and metrological systems 107469
Korolenko, P.V. *see* Arsenyan, T.I. 107674
Korolev, A.E. Dynamic holography in alkali metal vapour 76296
Korolev, A.E., Arapov, D.A., Bloch, D.A., Kozhevnikov, N.M. Real-time gratings in photosynthetic reaction centers 96819
Korolev, A.E. *see* Arapov, D.A. 107620
Korolev, A.F. *see* Gapochka, M.G. 94197
Korolev, A.P. *see* Kolomiets, A.A. 90006
Korolev, D. *see* Kravchuk, V. 85158
Korolev, K.A. *see* Altukhov, I.V. 74099
Koroleva, L.I., Lukina, L.N., Odintsov, A.G., Virovets, T.V. New spin glass $Fe_{0.67}Cr_{1.33}Sn_{0.67}S_4$ with magnetic ions in tetrahedral and octahedral sublattices 84769
Koroleva, Yu.V. *see* Sherbakov, A.S. 95678
Korolkiewicz, E. *see* Chan, T.K. 68627
Korolkiewicz, E. *see* Lim, B.W. 97286
Korolkiewicz, E. *see* Robinson, B. 65977
Korolkiewicz, E. *see* Vlasits, T. 99388
Korolkiewicz, E. *see* Vlasits, T. 117031
Korolyev, A.V., Ruban, L.V. Intraframe and interframe coding of video information in digital colour images 117652
Korolyov, A.A. *see* Ryvkind, V.L. 100100
Korompis, D. *see* Wang, A. 90611
Korompis, D. *see* Wang, A. 108207
Korompis, D. *see* Wang, A. 117295
Korona, Z., Kokar, M.M. Wavelet based recognition using model theory for feature selection 87171
Korona, Z., Kokar, M.M. Model based fusion for multisensor target recognition 117637
Koronkai, Z. *see* Biro, J. 103703
Korony, G. *see* Madangarli, V.P. 62662
Korony, G. *see* Sudarshan, T.S. 74679
Korosak, D. *see* Mrden, T. 74685
Korosec, D. *see* Viher, B. 110833
Korosec, K., Vesenjak, A., Jarc, B., Solar, M., Babic, R. The FIR digital filter realization with standard integrated circuits in the modified distributed arithmetic structure 104710
Korostelev, A.F., Sedoi, V.S., Luchinskii, A.V. Inductive-capacitive source with electrically exploded interruptor working into a capacitive load 121562
Korostelin, Yu.V., Kozlovsky, V.I., Nasibov, A.S., Shapkin, P.V. Vapour growth of II-VI solid solution single crystals 74188
Korostelin, Yu.V., Kozlovsky, V.I., Nasibov, A.S., Shapkin, P.V. Vapour growth and characterization of bulk ZnSe single crystals 92672
Korotchenkov, G. *see* Snigur, A. 69132
Korotchenkov, G.S., Michailov, V.A. Diffusion processes at the W-InP interface 114806
Koroteev, N.I. *see* Rebane, A.K. 65523
Koroteev, N.I. *see* Zheltikov, A.M. 65426
Korotkov, A.L., Reznik, A.N., Zharov, A.A. Thermo-electric oscillations in HTSC film structures: estimation of thermal parameters 64546
Korotkov, A.N. Charge sensitivity of superconducting single-electron transistor 115945
Korotkov, A.N. *see* Chen, R.H. 61797
Korotkov, A.N. *see* Fonseca, L.R.C. 88904
Korotkov, A.N. *see* Fonseca, L.R.C. 106104
Korotkov, A.N. *see* Larin 121337
Korotkov, A.N. *see* Likharev, K.K. 106098
Korotkov, A.S., Kudryashov, A.V. Supercapacitive impedance simulators with a single operational amplifier 104683
Korotkov, S.V. *see* Grekhov, I.V. 113800
Korotkov, V.A. *see* Gusev, V.K. 107815
Korotkov, V.A. *see* Kavin, A.A. 102774
Korotkova, V.V. *see* Apollonov, V.V. 85576
Korotky, S.K. *see* Eskilden, L. 109617
Korotky, S.K. *see* Evangelides, S.G., Jr. 109667
Korotky, S.K. *see* Hansen, P.B. 68498
Korotky, S.K. *see* Hansen, P.B. 88615
Korotky, S.K. *see* Veselka, J.J. 78945
Korovenkov, A.V. *see* Tamelo, A.A. 73817
Korovin, S.D. *see* Moreland, L.D. 105070
Korpalski, T. The role of the "product steward" in advancing design for environment in Hewlett-Packard's Computer Products Organization 72363
Korpar, S. *see* Brajnik, D. 101577
Korpar, S. *see* Hamacher, T. 69745
Korpar, S. *see* Krizan, P. 69125
Korpar, S. *see* Krizan, P. 69746
Korpar, S. *see* Krizan, P. 100843
Korpela, J., Tuominen, M. Benchmarking logistics performance with an application of the analytic hierarchy process 92105
Korpinen, L. *see* Havunen, I. 82127
Korpinen, L. *see* Keikko, T. 102331
Korpusov, V.Yu. *see* Vedernikov, G.P. 95421
Korschinek, G. *see* Steinhausen, C. 101201
Korschinsky, J. *see* Liedke, F. 99718
Korsemov, C. *see* Nikolov, Z. 91639
Korsh, J.F. A-order generation of k-ary trees with a 4k-4 letter alphabet 103632
Korshak, A.N. *see* Gribnikov, Z.S. 74356
Korshakov, V. *see* Mondino, P.-L. 64567
Korshever, I.I. *see* Berezovskii, A.V. 69015
Korshunov, I.P., Matveev, R.F., Shatrov, A.D. On certain properties of the distribution of ray-mode delays in optical fibers with distorted refractive index profiles 107971
Korshunov, S.E., Nattermann, T. Phase diagram of a Josephson junction array with positional disorder 95464
Korshunova, E.N., Sivov, A.N., Shatrov, A.D. Synthesis of the shape and transparency of the walls of an open resonator based on a prespecified excitation and radiation diagram 76551

Korshunova, E.N., Sivov, A.N., Shatrov, A.D. Frequency characteristics of resonator antennas synthesized according to a preset excitation and directivity diagram 97330
Korst-Fagundes, B., Jun Xie, Snelgrove, M. Multipoint equalization with the condition number 97692
Korsten, H.H.M. *see* Smans, J. 90529
Korsten, M.J. *see* Guo-yu Wang 86881
Korsunov, A.R. The reflected-signal imitator incorporated into the input circuit of a 1-4 GHz receiver 118758
Korsunskaya, N.E. *see* Buyanova, I.A. 116214
Korsunsky, V. *see* Borovkov, A.I. 95581
Korsunsky, V. *see* Vieira, R.F. 106723
Korsunsky, V.E. *see* Filatov, V.V. 65735
Kortanek, K.O. *see* Huang, S. 82442
Korte, L. *see* Golshani, A. 116535
Korte, L. *see* Kock, A. 96255
Korte, P.A.J.de *see* de Korte, P.A.J.
Kortman, J., van Berkel, R., Lafleur, M. Towards an environmental design toolbox for complex products; preliminary results and experiences from selected projects 60553
Kortman, J. *see* van Berkel, R. 72233
Kortum, P., Geisler, W. Implementation of a foveated image coding system for image bandwidth reduction 108534
Korvink, J.G., Haberli, A.M., Castagnetti, R., Malcovati, P., Baltes, H. Optimization of a novel split current Hall device by numeric modeling 89040
Korvink, J.G. *see* Baltes, H. 63974
Korvink, J.G. *see* Funk, J. 63979
Korvink, J.G. *see* Funk, J. 74899
Korwan, D.R., Indebetouw, G. Experimental modal analysis of the spatiotemporal dynamics of a linear photorefractive phase-conjugate resonator 96633
Korwan, D.R., Indebetouw, G. Off-Bragg model for the photorefractive phase-conjugate resonator 96643
Kory, C.L. Three-dimensional simulation of helix traveling-wave tube cold-test characteristics using MAFIA 94200
Kory, C.L., Wilson, J.D. Ring-plane travelling-wave tube slow-wave circuit design simulations at V-band frequencies 62631
Koryabin, A.V. *see* Shmalhausen, V.I. 86902
Korycki, J., Kostrevaz, M. Convergence analysis of norm-relaxed method of feasible directions 113192
Korytar, D. *see* Bohacek, P. 94886
Korzec, D., Werner, F., Winter, R., Engemann, J. Scaling of microwave slot antenna (SLAN): a concept for efficient plasma generation 76584
Korzhavyi, A.P. *see* Aitov, R.D. 104993
Korzhenevich, E.L., Levin, G.G. Interpretation of electronic speckle interferograms under conditions of strong noises 96807
Korzhik, M. *see* Peigneux, J.P. 120164
Korzhik, M.V. *see* Zalessky, V.B. 80056
Korzhik, M.V. *see* Zalessky, V.B. 100890
Korzhuev, M.A., Chizhevskaya, S.N., Svechnikova, T.E., Maksimova, N.M., Kulakova, E.A., Kolmakov, A.G. Mechanisms of strengthening Bi_2Te_3 single crystals by reinforcement and doping 74517
Korzhuev, M.A. *see* Svechnikova, T.E. 94444
Korzinin, Y.L., Sukhanov, V.I. Spatial-frequency version theory of three-dimensional holograms 76300
Korzinin, Yu.L., Reinhand, N.O., Semenova, I.V., Ludman, J.E., Riccobono, J.R., Shahriar, S.M., Caulfield, H.J. Two-dimensional holographic nonspatial filter 96821
Kos, A.B. *see* Cross, R.W. 75288
Kos, K., Hongxing Meng, Salamo, G., Ming-Feng Shih, Segev, M., Valley, G.C. One-dimensional steady-state photorefractive screening solitons 65520
Kos, T. Distribution of digital television signal with terrestrial transmitters 79125
Kosai, K. *see* Johnson, J.L. 95985
Kosaka, H., Kajita, M., Yamada, M., Sugimoto, Y., Kurata, K., Tanabe, T., Kasukawa, Y. 2D alignment free VCSEL-array module with push/pull fibre connector 119155
Kosaka, M. *see* Shinoda, H. 105466
Kosaka, T. *see* Matsui, N. 112026
Kosaki, M. Research and development of electrical insulation of superconducting cables by extruded polymers 121177
Kosaki, M., Nagao, M., Minoda, A., Mizuno, Y., Hirata, N., Tanaka, S., Nagata, M. Development and tests of extruded ethylene-propylene rubber (EPR) insulated superconducting cable 81096
Kosaki, M. *see* Fukuma, M. 64130
Kosaki, M. *see* Ishida, T. 64046
Kosaki, M. *see* Ishida, T. 95290
Kosaki, M. *see* Minoda, A. 64053
Kosaki, M. *see* Mizuno, Y. 81095
Kosaki, M. *see* Muramoto, Y. 64050
Kosaki, M. *see* Nagao, M. 84701
Kosaki, M. *see* Srinivas, M.B. 75053
Kosaki, M. *see* Tohyama, K. 64117
Kosaki, M. *see* Tsurimoto, T. 64136
Kosaki, M. *see* Tsurimoto, T. 115437
Kosako, H., Yamawaki, N., Suck-Joong Moon Variable-signed graph and its properties 60863
Kosakovskaya, Z.Ya. *see* Chernozatonskii, L.A. 73941
Kosakovskaya, Z.Ya. *see* Chernozatonskii, L.A. 83709
Kosanovich, S. *see* Schamberger, M.A. 76529
Kosarev, E. *see* Vystavkin, A. 110341
Kosarev, I.G. *see* Aleev, A.N. 120186
Kosarev, V.V., Red'ko, N.A., Rodionov, N.A. Magnetic freeze-out in highly anisotropic semiconductors 105210
Kosarev, Y.A., Kulakov, F.M. The model of robot speech operation: integration of signal processing and application area modelling 97599
Kosavisutte, K., Hayashi, N. A numerical study of LaBonte's iteration: an approach to acceleration 115497
Kosbi, K. *see* Scheer, U. 84752
Kosc, P. *see* Timcak, G.M. 112786
Kosc, T.Z. *see* Kowalczyk, T.C. 75399
Koschan, A. Using perceptual attributes to obtain dense depth maps 77435
Koschan, A. A comparative study on color edge detection 87113
Koschan, A. How to utilize color information in dense stereo matching and in edge-based stereo matching 97936
Koschatzky, K., Frenkel, A., Grupp, H., Maital, S. A technometric assessment of sensor technology in Israel vs Europe, the USA and Japan 103361
Koschel, A., Cyrusian, S. Comprehensive characterization of flip chip contacting methods for microwave and optoelectronic applications 92262
Koschier, L. *see* Honsberg, C.B. 103006
Koschier, L. *see* Wenham, S.R. 102999
Koschinski, P. *see* Balk, L.J. 115117
Koschmeider, T.H. Evanescent wave acceleration of electrons from 0.2c to 0.95c 100769
Koschurinov, Yu. *see* Hofbeck, K. 105330
Koscica, T. *see* Mihailovich, R.E. 95223
Koscielniak, S., Tran, H.J. Properties of a transverse damping system, calculated by a simple matrix formalism 89877
Koscielniak, S. *see* Bricault, P.G. 79993
Koscielniak, S.R. Refinements to longitudinal, single bunch, coherent instability theory 89981
Koscielniak-Mucha, B., Opanowicz, A. Growth conditions and electrical and photoelectrical properties of $CuInS_2$, $CuInSe_2$ and $AgInS_2$ crystals 72748
Koscielnik, D. Multimedia local network FDDI II 87763
Koscielnik, D. Local network FDDI. II. Reference model and frame format 98685
Kose, Y. *see* Chikamatsu, K. 73754
Kose, Y. *see* Tanaka, W. 73755
Kosec, M. *see* Delalut, U. 75026
Kosek, M.R. *see* Stankwitz, H.C. 109701
Koseki, K. *see* Ozue, T. 115789
Koseki, M. *see* Watanabe, K. 112274
Koseki, T., Izawa, M., Kamiya, Y. Development of a damped cavity with SiC beam-duct 100683
Koseki, T. *see* Nagatsuka, T. 89810
Koseki, T. *see* Nagatsuka, T. 100662
Koseki, Y., Kikugawa, M. A method of the load sharing on the distributed-computer network system 67742
Koseki, Y. *see* Tanaka, M. 118301
Kosel, P.B., Wu, D., Dalton, A.M., Hanjani, A., Carr, S.F., Emmert, P.R., Wu, R.L.C. UV/VIS photodetectors in wide-bandgap semiconductors: GaAs and polycrystalline diamond 100010
Kosenko, E. *see* Buzelis, R. 107439
Koshchavtsev, N.F. *see* Volkov, V.G. 95810
Koshelets, V. *see* Tarasov, M. 73702
Koshelets, V. *see* Vystavkin, A. 75349
Koshelets, V. *see* Vystavkin, A. 110341
Koshelets, V.P., Shitov, S.V., Shchukin, A.V., Filippenko, L.V., Mygind, J. Linewidth of submillimeter wave flux-flow oscillators 93854
Koshelev, O.G., Morozova, V.A. A nondestructive method for measuring the photoelectric parameters of wafers with p-n junctions 94479
Koshevaya, S. *see* Grimalski, V. 114296
Koshevaya, S.V. *see* Grimalsky, V.V. 83336
Koshevaya, S.V. *see* Gutierrez-D., E.A. 99996
Koshevoi, M.O. *see* Fedin, D.A. 100908
Koshi, V., Marvasti, F. PPM and PDM demodulation using novel techniques 76698
Koshiba, M., Tsuji, Y. A wide-angle finite-element beam propagation method 95772
Koshiba, M. *see* Eguchi, M. 116039
Koshiba, M. *see* Gotoh, H. 114182
Koshiba, M. *see* Hasegawa, K. 84735
Koshiba, M. *see* Kojima, T. 95908
Koshiba, M. *see* Kojima, T. 106439
Koshiba, M. *see* Maruyama, S. 93673
Koshiba, M. *see* Ohkawa, Y. 107863
Koshiba, M. *see* Osman, N. 96392
Koshiba, M. *see* Tsuji, Y. 95764
Koshiba, M. *see* Tsuji, Y. 116987
Koshiba, M. *see* Xiu-Ping Zhuang 95882
Koshiba, S. *see* Nakamura, Y. 94326
Koshiba, T. *see* Takahata, K. 113814
Koshiba, Y. *see* Kondo, Y. 73593
Koshida, N. *see* Araki, M. 64764
Koshida, N. *see* Araki, M. 116071
Koshida, N. *see* Hashimoto, M. 94853
Koshigoe, S., Gordon, A.A., Ndefo, E.D., Tsay, C.-H., Teagle, A. Experimental study of a rapidly convergent adaptive controller applied to suppression of random noise transmission 70308
Koshihara, S. *see* Mitsumori, Y. 74243
Koshihara, S.-Y. *see* Ebihara, K. 116269
Koshiishi, A. *see* Hashimi, K. 74561
Koshiji, K. *see* Mojtahedi, H.A. 120514
Koshijima, J., Yamada, K., Kitayoshi, A., Shimizu, Y. Motorized toilet seat for the elderly and infirm 90618
Koshikawa, J. *see* Mutoh, H. 115799
Koshikawa, T. *see* Imamura, T. 76356
Koshikawa, Y. *see* Takai, Y. 73379
Koshimizu, H. *see* Kato, K. 87252
Koshimizu, H. *see* Murakami, K. 87133
Koshimoto, Y. *see* Hirono, S. 115489
Koshimoto, Y. *see* Ishii, O. 64309
Koshimoto, Y. *see* Senda, M. 115732
Koshino, M., Itoh, M., Ninoi, E. Hardware of GS8400 67825
Koshino, Y. *see* Okada, Y. 68253
Koshio, K. *see* Kinugasa, T. 109933
Koshio, T., Arima, H. A satellite EPIRB with high average reception level at COSPAS-SARSAT applying an improved antenna 79035
Koshio, Y. *see* Kasuga, S. 80014
Koshita, G. *see* Yokoo, K. 74049
Koshita, G. *see* Yokoo, K. 83714
Koshka, J., Ostapenko, S., Ruf, T., Zhang, J.M. Activation of luminescence in polycrystalline silicon thin films by ultrasound treatment 114583
Koshkin, N.L. *see* Strebkov, D.S. 102521
Koshland, C.P. *see* Hertwich, E.G. 72235
Kosicki, B.B. *see* Gregory, J.A. 106055
Kosina, H. *see* Simlinger, T. 84289
Kosina, H. *see* Simlinger, T. 84494
Kosinova, M.L. *see* Fainer, N.I. 113426
Kosinski, J.A. Acceleration sensitivity of SAW and STW devices 106417
Kosinski, J.A., Stewart, J.T., Gualtieri, J.G., Himmel, J.S., McGowan, R.C., Huynh, D., Ballato, A., Filler, R.L. The influence of mode shape on the acceleration sensitivity of SAW resonators 106416
Kosinski, J.A. *see* Gualtieri, J.G. 106465
Kosinski, J.A. *see* Weaver, G.S. 106321
Kosinski, S.G. *see* Hansen, P.B. 88615
Kosinski, S.G. *see* Muys, W. 78816
Kosiorowski, S. *see* Dudek, R. 112649
Kosir, A. *see* Tasic, J.F. 113239
Kositpaiboon, R. *see* Mellor, F. 118166
Kositsky, J. *see* Buseck, D. 99646
Koskela, K. *see* Lehtinen, K. 78390
Koskelo, A. *see* Smilowitz, L. 96612
Koski, A. Primitive coding of structural ECG features 120435
Koski, A., Bandelmann, R., Wolff, S. Superconducting magnet package for the TESLA Test Facility 90051
Koski, A., Juhola, M. Segmentation of digital signals based on estimated compression ratio 101390
Koski, A., Wipf, S.L. Computational design study for an accelerator dipole in the range of 15-20 T 90052
Koski, A., Wipf, S.L. Magnetic shielding of an accelerator beam using passive ferromagnetic material 100444
Koski, A. *see* Salonen, J. 61080
Koski, T. *see* Eriksson, H.B. 67502
Koski, T. *see* Janzura, M. 76688
Koski, T. *see* Odling, P. 67501
Koskinen, P.S., Knable, J.E., Markham, P.L., Jensema, C.J., Kane, K.W. Captioned television and the vocabulary acquisition of adult second language correlational facility residents 79187
Koskinen, T., Cheung, P.Y.K. Hierarchical tolerance analysis using statistical behavioral models 73025
Koslinski, M.E.C., Conrado, L.F.M., Carvalho, M.C.R. A simple method for the chirp reduction in single-frequency semiconductor lasers 99590
Koslowsky, V.T. *see* Andrews, H.R. 70319
Kosmac, T. *see* Susnik, D. 81737
Kosmatopoulos, C. *see* Zachos, N. 68045
Kosmyna, M.B. *see* Cherpak, N.T. 79653
Kosobudskii, I.D. *see* Khapalov, V.V. 75277
Kosogorov, S.L. *see* Abroyan, M.A. 107127
Kosogov, A. *see* Heinrichsdorff, F. 72756
Kosogov, A.O. *see* Egorov, A.Yu. 114763
Kosogov, A.O. *see* Grundmann, M. 105374
Kosogov, A.O. *see* Kirstaedter, N. 65202
Kosogov, A.O. *see* Kop'ev, P.S. 107351
Kosogov, A.O. *see* Ledentsov, N.N. 63081
Kosogov, A.O. *see* Ledentsov, N.N. 92737
Kosonocky, W.F., Guang Yang, Chao Ye, Kabra, R.K., Liansheng Xie, Lawrence, J.L., Mastrocolla, V., Shallcross, F.V., Patel, V. 360×360-element very-high-frame-rate burst image sensor 79546
Kosonocky, W.F. *see* Kaplinsky, M.B. 69550
Kosonocky, W.F. *see* Liu, R.Z. 73889
Kosov, A.S., Gromov, V.D., Maleev, S.N., Kiselev, S.S., Skulachev, D.P., Strukov, I.A. Millimeter wave radar, intended for hydrometeor parameters determination 101561
Kosov, A.S., Gromov, V.D., Maleev, S.N., Kiselev, S.S., Skulachev, D.P., Strukov, I.A. Hydrometeors investigation by means of 3 millimeter coherent radar 111192
Kosov, A.V. *see* Abdurakhmanov, B.M. 102975
Koss, S. *see* Patrick, K. 120479
Kossacki, P. *see* Wojtowicz, T. 72760
Kosse, L.I. *see* Kasatkin, S.I. 64441

Kossentini, F., Macon, M.W., Smith, M.J.T. Audio coding using variable-depth multistage quantizers 86093
Kossentini, F., Ward, R.K. An analysis-compression technique for black and white documents 77432
Kossentini, F., Wilson Ching-Lan Chung, Smith, M.J.T. A jointly optimized subband coder 108495
Kossentini, F. *see* Gentile, A. 83139
Kossiavas, G., Dradjiotis, J.L., Papiernik, A., Brachat, P., Behe, R. Serially excited slot-coupled patch antennas 97375
Kossiavas, I., Brachat, P. Dual-band antenna functioning in circular polarisation and intended for satellite mobile systems 66093
Kossives, D. *see* Chirovsky, L.M.F. 85334
Kossives, D. *see* Ford, J.E. 95642
Kossives, D. *see* Krishnamoorthy, A.V. 65002
Kossives, D. *see* Woodward, T.K. 78867
Kossives, D. *see* Woodward, T.K. 85333
Kossives, D. *see* Woodward, T.K. 88610
Kossives, D.P. *see* Zu, L. 94130
Kossler, V. *see* Kleffner, C.-M. 89724
Kosslowski, S. *see* Berg, M. 93936
Kosslowski, S. *see* Kother, D. 114314
Kossov, V.G., Lazovsky, L.Y., Iblyaminova, A.F., Vishnevsky, G.I., Vydrevich, M.G. Virtual phase CCD imagers for scientific applications 100095
Kossov, V.G. *see* Dalinenko, I.N. 79524
Kossov, V.G. *see* Dalinenko, I.N. 100094
Kossov, V.G. *see* Golovkin, S.V. 80125
Kossut, J. *see* Barcz, A. 74230
Kossut, J. *see* Godlewski, M. 74403
Kossut, J. *see* Grynberg, M. 94363
Kossut, J. *see* Jaroszynski, J. 105421
Kossut, J. *see* Kowalczyk, L. 75960
Kossut, J. *see* Suski, T. 74227
Kossut, J. *see* Wojtowicz, T. 72760
Kost, A. Electromagnetic aspects of electrical machines 81394
Kost, A., Yuferev, S. On the role of symmetry and antisymmetry in BIE formulations of eddy current problems of multiconductor systems 65697
Kost, A. *see* Igarashi, H. 65673
Kost, A. *see* Janicke, L. 65634
Kost, A. *see* Janicke, L. 95336
Kost, A. *see* Jinxing Shen 70928
Kost, A. *see* Jinxing Shen 96949
Kost, A. *see* Kurz, S. 65646
Kost, A. *see* Zwingel, R. 81453
Kost, A.R. *see* Hasenberg, T.C. 65258
Kost, A.R. *see* Koehler, S.D. 65003
Kostamovaara, J. *see* Hakkinen, J. 104378
Kostamovaara, J. *see* Palojarvi, P. 119321
Kostamovaara, J. *see* Raisanen-Ruotsalainen, E. 88959
Kostamovaara, J. *see* Ruotsalainen, T. 99666
Kostamovaara, J. *see* Ruotsalainen, T. 99667
Kostamovaara, J.T. *see* Vainshtein, S.N. 61697
Kostanic, I. *see* Ham, F.M. 76910
Kostarakis, P., Alexandridis, A.A., Dangakis, K., Vlahakis, A., Katrivanos, P., Lazarakis, F., Paschalis, A., Gaitanis, N. Conformance testing trials on ERMES receivers 119006
Kostarakis, P. *see* Gaitanis, N. 61772
Kostarakis, P. *see* Gaitanis, N. 104423
Kostek, B. *see* Czyzewski, A. 99812
Kostek, B. *see* Czyzewski, A. 110951
Kostenko, I.I. *see* Lukashin, G.M. 96117
Kostenko, M.V. Resonant increase of gas ionization coefficients 64065
Kostenko, P.Yu., Bulka, Yu.V. Phase problem in a class of signals that can be represented by weighted quasipolynomials 108007
Kostenko, P.Yu., Bulka, Y.V., Trikoz, D.V. Relationship between amplitude and phase in a signal reconstructed from samples of the signal and its derivative 98077
Koster, J. *see* Kirsch, D. 91322
Koster, L. *see* Fabry, L. 94653
Koster, R., Van der Woerd, A.C., Serdijn, W.A., Davidse, J., Van Roermund, A.H.M. Design rules for an integratable low-power amplifier/filter combination 62071
Koster, R. *see* van der Wel, W. 84323
Koster, R. *see* van der Wel, W. 104820
Koster, T., Gondermann, J., Hadam, B., Spangenberg, B., Schutze, M., Roskos, H.G., Kurz, H., Brunner, J., Abstreiter, G. Optical properties of reactive-ion-etched $Si/Si_{1-x}Ge_x$ heterostructures 62812
Koster, W. *see* Kuper, F. 95124
Kosterev, D.N., Kolodziej, W.J., Mohler, R.R., Khapalov, A.Y. Controllability and placement of FACTS devices for power modulation and transient stability control 91093
Kosterev, D.N. *see* Kosterev, N.V. 70970
Kosterev, N.V., Yanovsky, V.P., Kosterev, D.N. Modeling of out-of-step conditions in power systems 70970
Kosterin, S.A. *see* Grishin, V.K. 79907
Kosterlitz, J.M. *see* Granato, E. 95462
Kosters, S., Schiefer, P., Winter, J. Smart power bridges: Intelligent switching of DC and stepper motors 93128
Kostial, H. *see* Eberle, W. 74128
Kostial, H. *see* Kwok, S.H. 63035
Kostial, H. *see* Ramsteiner, M. 62994
Kostic, A.D., Wallace, R. Environmental stress screening for a massively parallel vision computer 83046
Kostic, D. *see* Nikezic, D. 69778
Kostic, I. *see* Hudek, P. 63504
Kostic, M. Analysis of energy consumption in the consumption of EPS by categories of consumers, time of day and type of heating device 82007
Kostic, P. *see* Reljin, B. 103672
Kostic, S.B., Arandjelovic, V.D. Achieving TQM goals by integrating dependability, logistics and quality engineering 92350
Kostidis, L.I. *see* Weiser, P.S. 72828
Kostin, A.P. *see* Bagulya, A.V. 90150
Kostin, D.V. *see* Sobenin, N.P. 96441
Kostina, L.S. *see* Preobrazhenskii, M.N. 90846
Kostina, V.L. *see* Roenko, A.N. 120882
Kostina, V.L. *see* Vasilyev, Yu.F. 120662
Kostinski, A. *see* Adams, R.J. 80602
Kostinski, A.B. *see* Kwiatkowski, J.M. 90772
Kostioukevitch, S.A., Shepeljavi, P.E., Stronski, A.V., Indutnyi, I.Z. Investigations and modelling of physical processes in high density information recording with the help of inorganic resists 84949
Kostlenko, A.I. *see* Gapochka, M.G. 94197
Kostousov, V.B. *see* Gasilov, V.L. 67170
Kostreva, M. *see* Engel, S. 67168
Kostreva, M.M., Quan Zheng, Zhuang, D. Upper robust mappings and vector minimization: an integral approach 103688
Kostrevaz, M. *see* Korycki, J. 113192
Kostruba, A.M., Viokh, O.G. Device for measurement of microobject linear dimension 106767
Kostryukov, S.A. *see* Shunin, G.E. 89055
Kostrzewski, A., Dai Hyun Kim, Jeongdal Kim, Jannson, T., Savant, G. Fuzzified neural network for similar/dissimilar sensor fusion 108287
Kostsov, E.G. Ferroelectric films: peculiarities in their application to construction of new generations of memory devices 106374
Kostsov, E.G. *see* Baginsky, I.L. 106294
Kostsov, E.G. *see* Dyatlov, V.I. 121521
Kostsova, N.E., Salman, E.G. Influence of contacts on thermally stimulated depolarization process in semiconductor 105519
Kostuk, R.K. *see* Jang-Hun Yeh 96064
Kostukov, E.V., Pugachev, A.A., Shilin, V.A., Veto, A.V. Novel CCD structures of high sensitivity 95033
Kostur, P.R. *see* Grove, L.K. 112782
Kostyaev, V.V. *see* Volkov, V.Y. 66949
Kostyk, D. *see* Feit, Z. 75938
Kostylev, M.P. *see* Kolodin, P.A. 64487
Kostyuk, L., Vlasenko, M. Nuclear power development: a safeguard of Ukraine's independence 111751
Kosuge, M. *see* Inoue, K. 96969
Kosuge, M. *see* Kiyoshi, T. 95530
Kosuge, T. *see* Kuzuoka, H. 67874
Kosuge, Y., Kameda, H., Mano, S. Kalman filter and α-β filters for radar tracking 99613
Kosuge, Y., Okada, T. Bias estimation of two 3-dimensional radars using Kalman filter 88678
Kosuge, Y. *see* Kameda, H. 88665
Kosugi, H. *see* Asano, Y. 69759
Kosugi, H. *see* Ikeda, H. 82966
Kosugi, K. *see* Kikuchi, H. 91188
Kosugi, M. *see* Fukushima, K. 86918
Kosugi, N. 26/40-inch full color plasma display 100230
Kosugi, N. *see* Takahashi, K. 89428
Kosugi, R., Senda, M. A second-generation 1 Mb synchronous burst SRAM 104539
Kosugi, R., Senda, M., Inoue, O., Okamoto, Y., Iketani, M. A second-generation 150 MHz 32 K word×32 bit synchronous burst SRAM 73327
Kosugi, T. *see* Kaneko, S. 92787
Kosugi, Y. *see* Ikuina, K. 94139
Kosugi, Y. *see* Matsui, K. 103698
Kosugi, Y. *see* Ogawa, T. 66860
Kosugi, Y. *see* Valova, I. 108631
Kosugo, K. *see* Qiu, J. 115448
Kosugo, K. *see* Tani, J. 92972
Kosukegawa, M. *see* Shirai, T. 69456
Kosukhin, V.V. *see* Dolbilov, G.V. 96490
Kosukhin, V.V. *see* Fateev, A.A. 89608
Kosunen, A., Vartiainen, E., Hyvonen, H., Rantanen, E., Kahilainen, J. Testing of a TLD and a direct ion storage (DIS) dosemeter for use as a personal dosemeter 110970
Kosykh, A.E. *see* Buryi, E.V. 116607
Kosykh, V.P., Peretyagin, G.I. Classification of fragments of sea surface radar images using autoregression model parameters 67176
Kosykh, V.P., Peretyagin, G.I. Segmentation of radar images of the sea surface on the basis of autoregression model parameters 80663
Kosykh, V.P. *see* Gromilin, G.I. 70052
Kosykh, V.P. *see* Kirichuk, V.S. 77226
Kot, A.C. *see* Lee, Y.D. 97708
Kot, N. *see* Dikansky, N.S. 89778
Kota, C. *see* Maughan, R.L. 101417
Kotaka, I. *see* Wakita, K. 95827
Kotaka, I. *see* Zamkotsian, F. 119195
Kotaki, H. *see* Matsuoka, T. 106197
Kotaki, H. *see* Mizuno, A. 89757
Kotaki, M. *see* Takimoto, Y. 78341
Kotaki, O. *see* Fuji, Y. 99356
Kotanchek, M.E., Dzielski, J.E. Subspace stability in high resolution direction finding and signal enumeration 88743
Kotani, N. *see* Fujinaga, M. 74812
Kotani, N. *see* Uchida, T. 105622
Kotani, S., Mori, H., Charkari, N.M. Danger estimation of the Robotic Travel Aid (RoTA) at intersection 77385
Kotani, S., Mori, H., Kiyohiro, N. Development of the robotic travel aid "HITOMI" 77098
Kotani, S. *see* Yasutomi, S. 77097
Kotani, T. *see* Fuse, K. 96866
Kotani, T. *see* Nakamitsu, T. 70085
Kotani, Y. *see* Fukuda, I. 85124
Kotanishi, K. *see* Watanabe, M. 70859
Kotanowski, C., Allam, R., De Jaeger, J.C., Bourne-Yaonaba, P., Dourlens, C., Favre, J. V-band MMIC mixers using AlGaAs/InGaAs/GaAs PM HFET 93916
Kotaras, A. *see* Chatzipapadopoulos, F. 120478
Kotarski, W. *see* Michalski, M. 91370
Kotcheryzhenkov, A.O. *see* Fursey, G.N. 73955
Kotecki, D.E. *see* Economikos, L. 62515
Koteles, E.S., He, J.J., Poole, P.J., Davies, M., Dion, M., Feng, Y., Charbonneau, S., Goldberg, R., Mitchell, I.V. Optical and electrical properties of bandgap shifted 1.55-μm laser diodes 65366
Koteles, E.S. *see* He, J.-J. 85504
Koteles, E.S. *see* Poole, P.J. 85321
Kotelyanskii, I.M. *see* Anisimkin, V.I. 110260
Kotelyanskii, I.M. *see* Anisimkin, V.I. 110261
Kotera, H. Video coding 67354
Kotera, H., Kitahara, H., Onoyama, A., Shima, S. Behaviour of magnetic particles under compaction in magnetic field 95356
Kotera, H., Shima, S. A Cosserat continuum theory for magnetic particle compaction 95339
Kotera, H. *see* Suguri, K. 77531
Kotera, H. *see* Tashiro, Y. 78270
Kotera, H. *see* Terada, N. 99773
Kotera, H. *see* Yashima, Y. 68893
Kotera, N. *see* Tanaka, K. 105338
Kothandaraman, C., Neumark, G.F., Park, R.M. Compensation in heavily N-doped ZnSe: a luminescence study 74209
Kothandaraman, M., Alok, D., Baliga, B.J. Reactive ion etching of trenches in 6H-SiC 74571
Kothandaraman, M. *see* Alok, D. 105596
Kothapalli, G. Analysis of an OTA with internal positive feedback 82956
Kothapalli, G. *see* Lainiotis, D.G. 90809
Kothari, D.P. *see* Ranjan, R. 111599
Kothari, D.P. *see* Reddy, H. 71168
Kothari, D.P. *see* Sen, S. 121068
Kothari, M.L., Segal, R., Ghodki, B.K. Adaptive conventional power system stabilizer based on artificial neural network 111463
Kothari, N.C., Blumenthal, D.J. Influence of gain saturation, gain asymmetry, and pump/probe depletion on wavelength conversion efficiency of FWM in semiconductor optical amplifiers 116480
Kothari, R. *see* Bellando, J. 108620
Kothari, R. *see* Mitchell, J.L. 108630
Kothari, R. *see* Niranjan, S. 105679
Kothe, U. Local appropriate scale in morphological scale-space 67239
Kother, D., Hopf, B., Sporkmann, T., Wolff, I., Kosslowski, S. MMIC circulators covering the frequency range from L- to W-band 114314
Kother, D. *see* Berg, M. 93936
Kother, D. *see* Gao, Y. 93824
Kother, D. *see* Hopf, B. 73646
Kother, D. *see* Kulke, R. 62328
Kother, D. *see* Pogatski, P. 62327
Kother, D. *see* Roth, B. 69006
Kother, D. *see* Roth, B. 100284
Kothiyal, M.P. *see* Chen, J.H. 60592
Kotkin, G.G. *see* Gorchakov, A.Y. 113196
Kotkov, A. *see* Afanas'ev, L. 107071
Kotkov, A. *see* Afanas'ev, L. 107530
Kotler, L.H., Webb, D.V. Experimental determination of the effective point of measurement of a parallel-plate ionisation chamber 90131
Kotler, M.L. Proof of stability conditions for token passing rings by Lyapunov functions 72423
Kotler, V.R., Cameron, S.D., Grekhov, L.L. Nitrogen oxide suppression by using a new design of pulverized-coal burners 121358
Kotler, V.R. *see* Tumanovskii, A.G. 121340
Kotlica, M. Experience with quality recording of the stator coil in operation 91429
Kotlyar, O.E. *see* Khaimov, V.A. 102469
Kotlyar, V.V. *see* Serafimovich, P.G. 68746
Kotlyar, V.V. *see* Soifer, V.A. 77225
Kotlyarchuk, B.K., Popovych, D.I., Savchuk, V.K., Savitsky, V.G. Investigation of vaporization and condensation processes of thin layers of CdHgTe from laser erosion plasma in Hg atmosphere 92833
Kotlyarchuk, B.K., Popovych, D.I., Savitsky, V.G., Savchuk, V.K. Peculiarities of vaporization and condensation of chalcogenides of mercury from a laser erosion plasma 104111
Kotny, J.L., Roger, D., Romary, R. Analytical determination of the double star synchronous machine commutating reactance 122042
Koto, M. *see* Okabe, S. 81618
Koto, M. *see* Okabe, S. 91703

Kotoki, T., Horii, N., Isono, H., Matsumoto, O. Deposition of diamond from a plasma jet with dichlorobenzene as carbon source 72903
Kotosaka, S., Asama, H., Kaetsu, H., Ohmori, H., Endo, I., Fukuda, T., Arai, F., Guoqing Xue The design of communication network for dynamically reconfigurable robotic system 109688
Kotosaka, S. *see* Arai, Y. 88529
Kotoura, Y. *see* Kobayashi, H. 80247
Kotov, A.A. *see* Baranov, V.Yu. 116347
Kotov, B. *see* Parfenov, A. 106885
Kotov, B.B., Nikanorova, E.A. Temporal discrimination in systems for associative memory 106760
Kotov, I.A. *see* Romanov, O.V. 63172
Kotov, N.V. *see* Kotov, V.N. 79244
Kotov, V., Kovalev, M. Maximum travelling salesman problem 60886
Kotov, V.I. *see* Baranov, V.I. 100730
Kotov, V.I. *see* Biryukov, V.M. 100729
Kotov, V.N., Kotov, N.V., Kurochkin, A.V., Kurochkin, V.V., Lubkov, A.A., Perebeynos, S.V. The polyscreen-display-system video processor for the dispatcher unit of a process control system 79244
Kotov, V.P. *see* Avetisjan, G.H. 99978
Kotova, I.F. *see* Grigorishin, I.L. 74040
Kotrappa, P. *see* Colle, R. 80513
Kotrappa, P. *see* Hobbs, T. 70275
Kotre, C.J. Tomographic imaging of ionisation in gases 77073
Kotre, C.J. Tomographic imaging of ionisation in gases 99841
Kotre, C.J. Variations in in vivo electrical impedance tomography images due to inaccuracy in boundary representation 120460
Kotropoulos, C. *see* Kofidis, E. 117674
Kotropoulos, C. *see* Pitas, I. 77270
Kotsakis, E.G., Pardoe, B.H. Modelling OSI management information base with object oriented analysis 98577
Kotsis, I. *see* Bankuti, J. 103098
Kotsuka, Y., Hankui, E., Shigematsu, Y. Development of ferrite core applicator system for deep-induction hyperthermia 120496
Kotta, S., Simanapalli, S. Rapid prototyping of a digital signal processor 93457
Kottaisamy, M., Jeyakumar, D., Jagannathan, R., Mohan Rao, M. Yttrium oxide:Eu^{3+} red phosphor by self-propagating high temperature synthesis 95978
Kotten, K. *see* Schopflin, A. 119208
Kotter, R. Fast generalized minimum-distance decoding of algebraic-geometry and Reed-Solomon codes 66277
Kotter, R. *see* Wiberg, N. 66471
Kotter, T. An asymptotic result for sliced inverse regression 72463
Kotteritzsch, M. *see* Zanger, E. 107531
Kotthaus, J.P. *see* Blanke, G. 63029
Kotthaus, J.P. *see* Gauer, C. 62842
Kotthaus, J.P. *see* Gauer, C. 105401
Kotthaus, J.P. *see* Ihn, T. 105406
Kotthaus, J.P. *see* Schmeller, A. 62920
Kotthaus, J.P. *see* Tobben, D. 63817
Kotthaus, J.P. *see* Wendel, M. 62954
Kotthaus, J.P. *see* Wendel, M. 105825
Kotthaus, R. *see* Boegner, M. 110625
Kottick, D., Or, O. Neural-networks for predicting the operation of an under-frequency load shedding system 101929
Kottke, M. *see* Chu, P.Y. 64167
Kottler, V. *see* Bayreuther, G. 64349
Kottmann, D.A. Replication: support for advanced mobile applications 118904
Kottwitz, A. *see* Alhallani, B. 92898
Kotulak, J.C. *see* Morse, S.E. 90704
Kotulla, M. *see* Novotny, R. 80047
Kotulla, M. *see* Novotny, R. 100842
Kotuni, W. *see* Shi, X. 91574
Koturovic, A.M. *see* Arandjelovic, V.D. 97724
Kotwal, P.P., Mistry, D.K., Dipnaik, A.B., Kate, C.S. Appropriate manufacturing technology for large alternators 81431
Kotyaev, O.G. *see* Ageichik, A.A. 116340
Kotyaev, O.G. *see* Ageichik, A.A. 116761
Kotyayev, O.G. *see* Ageichik, A.A. 116337
Kotz, L. *see* Fabry, L. 94653
Kotz, W. *see* Spahn, A. 98985
Kotzer, T. *see* Friedmann, M. 100323
Kotzle, G. *see* Peters, R.-W. 119531
Kotzler, J. *see* Flosdorff, A. 64241
Kotzler, J. *see* Flosdorff, A. 75161
Kou, X.C. *see* Zhao, T. 75137
Kou Huizhen, Zhang Zunyun The influence of harmonics on the operation of 10 kV compensation capacitors 112637
Kou-Cheng Hsu *see* Yuang-Shung Lee 71331
Kou-Shung Huang *see* Kuen-Jong Lee 115350
Kou-Tan Wu *see* Tain-Lieng Kao 118512
Kouame, D., Remenieras, J.P., Roux, J.F., Ouahabi, A., Lethiecq, M. A modified parametric estimation of ultrasound Doppler velocity 110450
Kouame, D. *see* Ouahabi, A. 110052
Kouba, G. Refurbishment of slightly radioactive magnet coils from a big proton accelerator 89628
Koubias, S. *see* Kalogeras, A. 67759
Koubias, S.A. *see* Kapsalis, V.D. 67758
Koubouros, I. *see* Nicolaides, G.K. 64484
Kouchi, A. *see* Komine, K. 106419
Kouchi, H. *see* Kikkawa, T. 119438
Kouchi, Y. *see* Takayama, T. 116270
Kouda, T. *see* Fukuda, M. 104771
Koudela, I., Miler, M. Holographic diffractive elements transforming Gaussian beams into super-Gaussian ones 85744
Koudelka, O., Hughes, C.D., Horle, J., Riedler, W., Skipworth, B. The DICE video conference system and its application in the EUROMIR missions 99408
Koufopoulos, P. *see* Greer, J.A. 82765
Koufopoulos, P. *see* Palevsky, A. 89368
Kouguchi, N. *see* Murai, K. 88748
Kouhil, M.F. *see* Meghriche, S. 120465
Koui, Y. *see* Watanabe, A. 77985
Kouketsu, M., Isomae, S. Hydrogen passivation of iron-related hole traps in silicon 94770
Kouki, A.B., Khebir, A., Ghannouchi, A.F.M. A numerical approach far the dielectric constant extraction from resonant cavity measurements 110348
Kouki, A.B. *see* Boulejfen, N. 76504
Kouki, A.B. *see* Hamade, A.H. 104871
Kouki, A.B. *see* Zhao, G. 82967
Kouki, F. *see* Horowitz, G. 64893
Koukitu, A., Takahashi, N., Taki, T., Seki, H. Thermodynamic analysis of In$_x$Ga$_{1-x}$N alloy composition grown by metalorganic vapor phase epitaxy 72833
Koukitu, A., Taki, T., Takahashi, N., Seki, H. In situ monitoring of the chemisorption of hydrogen atoms on (001) GaAs surface in GaAs atomic layer epitaxy 72834
Koukoulas, P., Kalouptsidis, N. Second order Volterra system identification 117517
Koul, R. *see* Bhat, C.L. 69858
Koul, S.K. Millimeter wave circuit techniques and technology for radar and wireless communication 68048
Koul, S.K. *see* Bhat, B. 114234
Koulibaly, P.M. *see* Laurette, L. 80309
Koulocheris, D.B. *see* Spentzas, C.N. 71828
Kouloheris, J.L. *see* Kumar, M. 87923
Koumanakos, E. *see* Palasantzas, G. 74333
Koumans, R.G.M.P. *see* van Roijen, R. 96355
Koumetz, S., Marcon, J., Ketata, K., Ketata, M., Launay, P., Benchimol, J.L. Diffusion of beryllium in InGaAs epitaxial layers 83852
Koumetz, S., Marcon, J., Ketata, K., Ketata, M., Lefebvre, F., Martin, P., Launay, P. Post-growth diffusion of Be doped InGaAs epitaxial layers: experimental and simulated distributions 74276
Koumetz, S. *see* Marcon, J. 105559
Koumoto, T. *see* Kasami, T. 66473
Koumura, H., Niizuma, K., Utsushikawa, Y. Soft magnetic properties of Super Sendust/Fe multilayer thin films prepared by the IBS method 64346
Kounavis, P., Mataras, D., Rapakoulias, D. Effective capture rates of carriers in amorphous hydrogenated silicon 94425
Koundinya, S. *see* Parikh, J.K. 112621
Kouno, K. *see* Tao, X.T. 85654
Kouno, T. *see* Nagashima, H. 73383
Kounos, T., Nishimura, S., Takubo, Y., Hiraoka, I. Infrared FM 99565
Kouptsidis, J. *see* Kelly, D.R.C. 100739
Kourbanis, I. *see* Dey, J. 89875
Kourbanis, I. *see* Dey, J. 100507
Kourbanis, I. *see* Dey, J. 100656
Kouritzin, M.A. On the convergence of linear stochastic approximation procedures 72615
Kourkoumelis, C. *see* Adam, W. 69709
Kouro, Y. *see* Miwa, H. 73345
Kourogi, M. *see* Saitoh, T. 109657
Kourogi, M. *see* Toda, Y. 94499
Kousaka, K. *see* Sugino, T. 105494
Kousaka, T., Ueta, T., Kawakami, H. A method to generate a chaotic attractor by destabilization 113708
Koutani, M. *see* Motooka, T. 84048
Koutchenkov, A. *see* Belogurov, S. 100855
Koutchouk, J.-P. Correction of the betatron coupling in the LHC 120067
Koutchouk, J.-P. *see* Scandale, W. 89825
Koutchouk, J.P. *see* Alexahia, Y. 79968
Koutin, S.V. *see* Crandell, D.A. 100780
Koutovoi, V.D. *see* Karpov, O.V. 109978
Koutroumbas, K., Kalouptsidis, N. Generalized Hamming networks 66558
Koutsouris, D. *see* Dembeyiotis, S. 111022
Kouvatsos, D.D., Fretwell, R. Discrete-time batch renewal processes with applications to the performance modelling of ATM switch architectures 77585
Kouvatsos, D.D., Zanasi, F.A., Wilkinson, J. Cost effective analytic solutions for queueing models of ATM networks 77586
Kouvatsos, D.N., Hatalis, M.K. Polycrystalline silicon thin film transistors fabricated at reduced thermal budgets by utilizing fluorinated gate oxidation 105953
Kouvatsos, D.N., Voutsas, A.T., Hatalis, M.K. High-performance thin-film transistors in large grain size polysilicon deposited by thermal decomposition of disilane 105950
Kouvatsos, D.N. *see* Hatalis, M.K. 84399
Kouvetakis, J. *see* McMurran, J. 82599
Kouwe, A.J.W.van der *see* van der Kouwe, A.J.W.
Kouwenhoven, L.P., van der Vaart, N.C., Nazarov, Yu.V., Jauhar, S., Dixon, D., McCormick, K., Orenstein, J., McEuen, P.L., Nagamune, Y., Motohisa, J., Sakaki, H. High-frequency transport through mesoscopic structures 105407
Kouwenhoven, L.P. *see* Dixon, D. 74383
Kouwenhoven, L.P. *see* Dixon, D. 105414
Kouwenhoven, L.P. *see* Tarucha, S. 114792
Kouzaev, G.A., Gvozdev, V.I. Topological pulse modulation of field and new microwave circuits design for superspeed operating devices 83356
Kouzaki, T. *see* Sinclair, R. 94738
Kouznetsov, A.I. *see* Stepanov, E.V. 69341
Kouznetsov, V.L. *see* Kamzolov, S.K. 97083
Kouznetsov, Y.A. *see* Zavadskii, Y.I. 100091
Kovac, J., Uherek, F., Satka, A., Waclawek, J., Jakabovic, J., Srnanek, R., Rheinlander, B., Gottschalch, V., Hasenohrl, S., Novak, J., Barna, P., Barna, A., Wood, J. InAlGaAs-InGaAs-InP RCE pin photodiode 1300 nm wavelength region 100046
Kovac, J. *see* Kovacik, A. 106971
Kovac, J. *see* Skriniarova, J. 114946
Kovac, M., Stefanakos, E., Arbogast, T. AFV-soft: advanced data analysis software for electric and other alternative fuel vehicles 103139
Kovac, M. *see* Lamb, H.C. 71855
Kovac, P., Husek, I., Pachla, W., Marciniak, H., Melisek, T. Improvement in core density of BSCCO/Ag tapes by cold isostatic pressing 75338
Kovac, P., Kopera, L., Husek, I., Cesnak, L. Bending of Bi(2223)-Ag tapes at 77 and 300 K 106669
Kovacevic, A. *see* Kovacevic, D. 104367
Kovacevic, B.D. *see* Durovic, Z.M. 76951
Kovacevic, B.D. *see* Durovic, Z.M. 97817
Kovacevic, D., Kovacevic, A. Fuzzy logic controller based on standard operational amplifiers 104367
Kovacevic, D. *see* Durovic, Z.M. 103591
Kovacevic, G. *see* Zelenika, D. 67896
Kovacevic, J. *see* Bernardini, R. 86227
Kovacevic, J. *see* Bernardini, R. 97842
Kovacevic, J. *see* Bernardini, R. 98312
Kovacevic, K. *see* Jaksic, M. 100822
Kovacevic, M. On torus topologies with random extra links 88526
Kovacevic, M., Acampora, A. Benefits of wavelength translation in all-optical clear-channel networks 78727
Kovacevic, M., Acampora, A. Electronic wavelength translation in optical networks 88473
Kovacevic, M., Acampora, A.S. Electronic wavelength translation in optical networks 78901
Kovacevic, M. *see* Savic, Z. 80503
Kovacevic, R. *see* Hrabar, S. 79679
Kovacevic, T., Jurcic, I. Photonic switching methods and their application in B-ISDN network 78121
Kovacevic, T. *see* Jurcic, I. 88475
Kovacevic, V., Svircevic, S., Popovic, M. The design method for digital telephone exchange 99007
Kovacevic, V. *see* Jurca, Z. 99004
Kovacevic, V. *see* Popovic, M. 98613
Kovacevic, V. *see* Popovic, M. 99008
Kovacevic, V. *see* Secerov, E. 99015
Kovachev, V. *see* Haddock, C. 95575
Kovacheva, D. *see* Stambolova, I. 114681
Kovacic, R. *see* Milanovic, M. 91664
Kovacic, S.J. *see* Gao, W. 62051
Kovacic, S.J. *see* Long, J.R. 74822
Kovacic, S.J. *see* Weinan Gao 114022
Kovacich, J.A. *see* Miller, L.M. 79361
Kovacik, A., Uherek, F., Kovac, J., Tomaska, M. InGaAsP/InP heterojunction bipolar transistors grown by liquid phase epitaxy 106971
Kovacs, A. *see* McLaughlin, W.L. 120566
Kovacs, A. *see* Stoffel, A. 63346
Kovacs, B., Mojzes, I., Nemeth, P., Ruszinko, M., Torzsok, I. The ALT-2: A new life-time tester for GaAS based MESFETs 95075
Kovacs, B. *see* David, L. 94568
Kovacs, B. *see* David, L. 94600
Kovacs, B. *see* Mojzes, I. 92312
Kovacs, G.T.A. *see* Gee, D.A. 90279
Kovacs, G.T.A. *see* Gee, D.A. 101045
Kovacs, G.T.A. *see* Honer, K.A. 84620
Kovacs, G.T.A. *see* Klaassen, E.H. 83276
Kovacs, G.T.A. *see* Klaassen, E.H. 84625
Kovacs, G.T.A. *see* Maluf, N.I. 84630
Kovacs, G.T.A. *see* Opris, I.E. 104360
Kovacs, G.T.A. *see* Petersen, K. 84658
Kovacs, G.T.A. *see* Petersen, K. 95229
Kovacs, L. *see* Martini, M. 106953
Kovacs, M., Ghoshroy, S., Hasson, V., Pohle, R., Ruffatto, D., Czyzak, S., Wendt, R. Phase 1 high performance CO$_2$ ladar surveillance sensor description and test results 109805
Kovacs, M. *see* Youmans, D.G. 109803
Kovacs, S., Toth, G.J., Der, R., Lorincz, A. Output sensitive discretization for genetic algorithm with migration 113159
Kovacs, T. Accuracy analysis of an edge following algorithm in noisy frame buffer 86857
Kovacs-V, Z.M. *see* Masetti, G. 93152
Koval', A.V. *see* Savvin, Yu.N. 116210
Koval, D.O., Hughes, M.B. Canadian National Power Quality Survey: frequency of industrial and commercial voltage sags 82023
Koval, N.N. *see* Gielkens, S.W.A. 85381
Koval, V.A., Fedasyuk, D. The MCM's thermal testing 104973
Koval, Y. *see* Borzenko, T. 105811

Koval'chuk, B.M., Tarasenko, V.F., Fedenev, A.V. Scaling of a laser based on atomic transitions in xenon pumped by an electron beam 85361
Kovalenko, A.A. *see* Anisimov, N.A. 87932
Kovalenko, A.D. *see* Baldin, A.M. 90061
Kovalenko, A.V., Kurashov, V.N., Nakhodkin, N.G. Synthesis of data-dependent filters for digital image processing and recognition 87231
Kovalenko, S.N. *see* Turukhano, B.G. 76295
Kovalenko, V.E. *see* Briancon, C. 69880
Kovalenko, V.E. *see* Brudanin, V.B. 110622
Kovalenko, V.I. *see* Konovalov, N.A. 117722
Kovalenkov, O.V. *see* Drescher, P. 105007
Kovalerchuk, B., Triantaphyllou, E., Ruiz, J.F., Clayton, J. Fuzzy logic in digital mammography: analysis of lobulation 120355
Kovalev, A. *see* Razvin, Y. 95862
Kovalev, A.I. *see* Anischenko, N.G. 120106
Kovalev, A.I. *see* Bazhanov, N.A. 69699
Kovalev, D., Ben Chorin, M., Diener, J., Koch, F., Kux, A., Efros, Al.L., Rosen, M., Gippius, N.A., Tikhodeev, S.G. Polarization of porous silicon photoluminescence: alignment and built-in anisotropy 94269
Kovalev, D. *see* Polisski, G. 74583
Kovalev, D. *see* Polisski, G. 94303
Kovalev, D.I. *see* Diener, J. 94268
Kovalev, M. *see* Girlich, E. 60853
Kovalev, M. *see* Kotov, V. 60886
Kovalev, M.M., Vasilkov, D.M. The canonical order and optimization problems 60885
Kovalev, V.A., Bristow, M.P. Compensational three-wavelength differential-absorption lidar technique for reducing the influence of differential scattering on ozone-concentration measurements 111217
Kovalev, V.A., Bristow, M.P., McElroy, J.L. Nonlinear-approximation technique for determining vertical ozone-concentration profiles with a differential-absorption lidar 111218
Kovalev, V.I. Phase conjugation for middle infrared laser radiation: the influence of frequency dispersion and decay time of the third-order nonlinear susceptibility 116686
Kovalev, V.I. *see* Vidavskii, A.E. 116687
Kovalev, V.P., Korepanov, V.M., Lavrent'ev, B.N., Munasypov, R.N., Filatov, B.A. EMIR-M installation in the mode of operation with plasma opening switch 83567
Kovalev, V.P. *see* Diyankov, V.S. 119961
Kovalevskaya, Yu.A. *see* Bessergenev, V.G. 104131
Kovalevsky, D.V. *see* Dudnikov, V.G. 69689
Kovalik, A. *see* Briancon, C. 69880
Kovalik, A. *see* Brudanin, V.B. 110622
Kovalsky, S., Zwart, T., Ivanov, P., Shatunov, Yu. Spin control system for the South Hall Ring at Bates Linear Accelerator Center 120000
Kovalyov, G.F., Lebedeva, L.M. Reliability calculations of the EPS test system 101697
Kovalyuk, R.O. *see* Lyskovich, O.B. 107539
Kovalyuk, Z.D. *see* Savitskii, P.I. 94333
Kovanis, V. *see* Erneux, T. 85537
Kovanis, V. *see* Erneux, T. 96368
Kovanis, V. *see* Gavrielides, A. 96364
Kovanis, V. *see* Simpson, T.B. 107320
Kovanis, V. *see* Varangis, P.M. 96436
Kovatchev, M., Ilieva, R. Wave modelling of diffractive optical elements 85767
Kovchavtsev, A.P. *see* Kornyushkin, N.A. 74477
Kovchur, S.N. *see* Kurilkina, S.N. 116622
Koved, L. *see* Wolf, C.G. 118307
Kovelamudi, R.B. *see* Balasubramanian, N. 113434
Kovesi, P. *see* Pudney, C. 86337
Kovrigin, E.I. A simple signal processor for an amplitude analyzer 88963
Kovsh, I.B. *see* Dolinina, V.I. 85365
Kovsharov, N.F., Patakhin, N.A., Fedushchak, V.F. Uncontrollable multichannel commutator in the output cascade of the SNOP-3 generator 121785
Kovshik, A.P. *see* Karetnikov, A.A. 95876
Kovshik, A.P. *see* Karetnikov, A.A. 95877
Kovshikov, N.G. *see* Kolodin, P.A. 64487
Kovtonyuk, N. *see* Kuznetsov, A. 95860
Kovtonyuk, N.F. *see* Belyaev, V.V. 95845
Kovtonyuk, N.F. *see* Belyaev, V.V. 106871
Kovtonyuk, S. *see* Dieleman, P. 84910
Kovtonyuk, S. *see* Tarasov, M. 73702
Kovtonyuk, S. *see* Vystavkin, A. 75349
Kovtun, V.E. *see* Zalyubovskii, I.I. 69797
Kovzelev, A.V. *see* Autiero, D. 69815
Kovzelev, A.V. *see* Autiero, D. 80006
Kow Ming Chang, Shih Wei Wang, Chin Jen Wu, Ia Hsun Yeh, Chii Horng Li, Ji Yi Yang Influences of deposition temperature on thermal stability and moisture resistance of chemical vapor deposited fluorinated silicon oxide by using indirect fluorinating precursor 92910
Kow-Ming Chang, Jung-Yu Tsai, Chii-Horng Li, Ta-Hsun Yeh, Shih-Wei Wang, Ji-Yi Yang Effects of gas ratio on electrical properties of electron-cyclotron-resonance nitride films grown at room temperature 72880
Kow-Ming Chang, Ta-Hsun Yeh, I-Chung Deng, Horng-Chih Lin Highly selective etching for polysilicon and etch-induced damage to gate oxide with halogen-bearing electron-cyclotron-resonance plasma 105653
Kow-Ming Chang, Ta-Hsun Yeh, Shih-Wei Wang, Chii-Horng Li Influences of damage and contamination from reactive ion etching on selective tungsten deposition in a low-pressure chemical-vapor-deposition reactor 104124
Kowal-Michalska, K. *see* Galkiewicz, T. 81515
Kowalak, A.D. *see* Lin, A.S. 121866
Kowalchuk, R.J., Hilderman, R.J., Hamilton, H.J. vnews: a multicast, multimedia news service with virtual messages 109198
Kowalczuk, Z. Modelling and mechanization of digital filters using dynamical flow graphs 108334
Kowalczuk, Z. Continuous-time system identification in the delta-domain using adjusted integration 110062
Kowalczyk, A. *see* Szymanski, J. 119146
Kowalczyk, L., Karczewski, G., Wojtowicz, T., Kossut, J. Laser emission in CdZnTe/CdMnTe double quantum well heterostructures 75960
Kowalczyk, L. *see* Mycielski, A. 74190
Kowalczyk, M. Laser speckle velocimetry 107684
Kowalczyk, M. Speckle velocimetry of diffuse objects under illumination of a TEM$_{10}$ laser beam 107685
Kowalczyk, R. *see* Czogala, E. 113132
Kowalczyk, R.S. *see* Jones, C.E. 110529
Kowalczyk, T.C., Kosc, T.Z., Singer, K.D., Beuhler, A.J., Wargowski, D.A., Cahill, P.A., Seager, C.H., Meinhardt, N.B. Guest-host fluorinated polyimides for electro-optic applications 75399
Kowalczyk, T.C., Singer, K.D., Cahill, P.A. Anomalous dispersion phase-matched second harmonic generation in poled polymer waveguides 96691
Kowalczyk, T.C. *see* Khaydarov, J.D.V. 96694
Kowaleski, J.A., Jr., Wolrich, G.M., Fischer, T.C., Dupcak, R.J., Kroesen, P.L., Tung Pham, Olesin, A. A dual execution pipelined floating-point CMOS processor 73440
Kowalewski, R. *see* Di Ciaccio, L. 100820
Kowalik, Z.J. *see* Wright, J.J. 101391
Kowalski, B. Use of smart cards for security applications by Deutsche Telekom 118363
Kowalski, B., Omling, P., Meyer, B.K., Hofmann, D.M., Harle, V., Scholz, F., Sobkowicz, P. Optically detected spin resonance of conduction band electrons in InGaAs/InP quantum wells 114744
Kowalski, B., Omling, P., Miller, M.S., Jeppesen, S., Samuelson, L. Level crossing of nanometer sized InAs islands in GaAs 63000
Kowalski, B. *see* Bayart, D. 75844
Kowalski, B. *see* Miller, M.S. 61291
Kowalski, B. *see* Miller, M.S. 103940
Kowalski, B. *see* Miller, M.S. 113298
Kowalski, B. *see* Omling, P. 83935
Kowalski, K. *see* Nowak, L. 65727
Kowalski, K. *see* Nowak, L. 76343
Kowalski, K.P. *see* Nowak, L.A. 102899
Kowalski, M. *see* Strzalkowski, I. 106029
Kowalski, M.P., Cruddace, R.G., Seely, J.F., Rife, J.C., Hunter, W.R., Barbee, T.W. The EUV performance of an ion-etched blazed diffraction grating 85730
Kowalski, O.P., Cockburn, J.W., Mowbray, D.J., Skolnick, M.S., Dawson, M.D., Duggan, G., Kean, A.H. Hydrostatic-pressure determination of tensile-strained Ga$_x$In$_{1-x}$P-(Al$_y$Ga$_{1-y}$)$_{0.52}$In$_{0.48}$P quantum-well band offsets 63060
Kowalski, O.P., Wegerer, R.M., Mowbray, J., Skolnick, M.S., Button, C.C., Roberts, J.S., Hopkinson, F., David, J.P.R., Hill, G. Optical spectroscopic observation of spontaneous long range ordering in AlGaInP 72754
Kowalski, R.P. *see* Martin, R.A. 110298
Kowalski, S. Electron accelerators for nuclear physics 110473
Kowalski, S. *see* Jacobs, K. 79916
Kowalski, S. *see* Zwart, T. 79825
Kowalsky, W., Ammermann, D., Bohler, A., Dirr, S. Organic light emitting diodes 106994
Kowarik, O. *see* Klein, P. 113950
Kowarik, O. *see* Schuler, F. 115218
Kowarschik, R. *see* Duparre, M. 96582
Kowarschik, R. *see* Golub, M.A. 76094
Kowarschik, R. *see* Maack, T. 100348
Kowarschik, R. *see* Rehn, H. 115994
Kowel, S. *see* Kulick, S. 100181
Kowel, S.T., Lindquist, R.G., Nordin, G.P., Friends, M., Kulick, J.H. High resolution diffraction gratings 95852
Kowitt, M.S., Cheng, E.S., Cottingham, D.A., Farooqui, K., Fixsen, D.J., Ganga, K., Inman, C.A., Meyer, S.S., Page, L.A., Piccirillo, L., Puchalla, J.L., Ruhl, J., Schaefer, R.K., Silverberg, R.F., Timbie, P.T., Wilson, G., Zhou, J.W. The MSAM/TopHat program of anisotropy measurements 99705
Kowitt, M.S., Fixsen, D.J., Goldin, A., Meyer, S.S. Frequency selective bolometers 119668
Kowner, R. An improved technique for creating hemifacial chimeras 117561
Kox, A. *see* Blaum, H. 121160
Kox Ping Keung *see* Ping Keung Kox
Koya, R. *see* Ahmed, A. 75564
Koyabu, K. *see* Mizukami, M. 68491
Koyabu, K. *see* Yamamoto, T. 78320
Koyama, A., Tanno, K., Noguchi, S. An adaptive ring priority self-token protocol for high-speed LANs 98727
Koyama, A. *see* Asahi, T. 92667
Koyama, A. *see* Nomura, M. 80147
Koyama, F., Matsutani, A., Iga, K. Etched facet semiconductor resonators fabricated by reactive ion beam etching for micro-photonic integrated circuits 65242
Koyama, F. *see* Hatori, N. 107354
Koyama, F. *see* Honda, T. 75949
Koyama, F. *see* Honda, T. 94680
Koyama, F. *see* Honda, T. 116521
Koyama, F. *see* Loh, T.H. 103900
Koyama, F. *see* Matsutani, A. 63326
Koyama, F. *see* Sakaguchi, T. 62905
Koyama, F. *see* Takahashi, M. 65299
Koyama, H. *see* Araki, M. 64764
Koyama, H. *see* Araki, M. 116071
Koyama, H. *see* Mashiko, Y. 112863
Koyama, H. *see* Mazumder, M.K. 94620
Koyama, H. *see* Mizuno, K. 121824
Koyama, H. *see* Saito, F. 73412
Koyama, H. *see* Watanabe, H. 115206
Koyama, K., Iwasaki, A., Tanimoto, M., Kudo, I. Simple interferometric microscopy for in situ real-time two-dimensional observation of crystal growth 92657
Koyama, K. *see* Aimoto, Y. 73442
Koyama, K. *see* Fujimori, I. 114028
Koyama, K. *see* Miyaho, N. 78313
Koyama, K. *see* Miyaho, N. 98390
Koyama, K. *see* Murotani, T. 73375
Koyama, K. *see* Saeki, T. 73369
Koyama, K. *see* Tanaka, H. 113106
Koyama, K. *see* Wakaki, M. 92819
Koyama, K. *see* Yabe, Y. 113980
Koyama, K. *see* Ystesund, K. 110032
Koyama, M., Goto, K., Shimizu, T., Koyamada, M. Long term degradation of epoxy molding resins 64137
Koyama, M., Tanaka, H., Hiramatsu, Y., Kon, K. Principal base technologies for new node switching software 98993
Koyama, M., Watanabe, Y., Sekimoto, H., Oomura, Y. Precise measurement of resonance current and frequency characteristics of quartz oscillators for oven-controlled crystal oscillators 95323
Koyama, M., Watanabe, Y., Sekimoto, H., Oomura, Y. An experimental study of frequency jumps during the aging of quartz oscillators 106389
Koyama, M. *see* Arakawa, K. 117669
Koyama, M. *see* Ida, S. 63444
Koyama, M. *see* Kirschning, I. 108190
Koyama, M. *see* Nakamoto, M. 102516
Koyama, S. *see* Shen, M.Y. 76133
Koyama, S. *see* Zama, H. 64500
Koyama, T., Abe, K., Sakaguchi, N., Wakabayashi, S. Reliability of mBGA mounted on a printed circuit board 92219
Koyama, T. *see* Hayakawa, Y. 82651
Koyama, T. *see* Hayakawa, Y. 92666
Koyama, T. *see* Hayakawa, Y. 113269
Koyama, T. *see* Mashiko, Y. 112863
Koyama, T. *see* Ohtsuka, S. 76231
Koyama, T. *see* Tsunetomo, K. 76232
Koyama, T. *see* Yamaguchi, M. 85774
Koyama, T. *see* Yoshiue, T. 72743
Koyama, Y., Iwata, T., Takaba, H., Gotoh, T., Kaneko, A. Crustal deformation monitoring system for the Tokyo metropolitan area. VLBI system for Key Stone Project. Observation system for KSP. Central control system 101528
Koyama, Y., Takahashi, Y., Gotoh, T., Heki, K. Crustal deformation monitoring system for the Tokyo metropolitan area. VLBI system for Key Stone Project. Data processing system. Data analysis software 101533
Koyama, Y. *see* Imae, M. 101522
Koyama, Y. *see* Iwata, T. 101527
Koyama, Y. *see* Kondo, T. 101532
Koyama, Y. *see* Sekido, M. 101531
Koyama, Y. *see* Takaba, H. 101526
Koyamada, M. *see* Koyama, M. 64137
Koyanagi, F., Uriu, Y. Economic assessment of fuel cell power plant installed highly assembled residence using purchase pricing 91418
Koyanagi, F. *see* Uriu, Y. 101902
Koyanagi, K. Fresnel-type variable focus electro-optic lens using LiNbO$_3$ crystal with quadratic curved electrodes 116120
Koyanagi, K., Mishima, T., Sakuraba, I. Tuning and wideband intensity modulation of noncollinear quasi-phase-matched second-harmonic generation using Pockels effect 85709
Koyanagi, K., Urata, M., Ohtani, Y., Kuriyama, T., Yamamoto, K., Nakayama, S., Yazawa, T., Tasaki, K., Nomura, S., Yamada, Y., Nakagome, H., Murase, S., Macda, H., Horigami, O. A cryocooler-cooled 10 T superconducting magnet with 100 mm room temperature bore 95535
Koyanagi, K. *see* Inamori, H. 87588
Koyanagi, K. *see* Matsumura, H. 77877
Koyanagi, K. *see* Okamoto, A. 77836
Koyanagi, K. *see* Sunaga, H. 77882
Koyanagi, K. *see* Sunaga, H. 87589
Koyanagi, K. *see* Ueda, K. 77867
Koyanagi, K. *see* Watanabe, K. 95529
Koyanagi, M. *see* Alvarez, G.A. 84873
Koyanagi, M. *see* Balestra, F. 63670
Koyanagi, M. *see* Kee-Ho Yu 93437
Koyanagi, M. *see* Kee-Ho Yu 117610
Koyanagi, M. *see* Ohkubo, M. 90244
Koyanagi, M. *see* Pidin, S. 84416

Koyanagi, T., Adachi, K., Kishimoto, K., Matsubara, K. Thermoelectric properties of ZnSb ceramics prepared by PIES method 61151
Koyano, K., Sato, T. Micro object handling system with concentrated visual fields and new handling skills 84653
Koyano, Y., Kakui, M., Kashiwada, T., Onishi, M., Shigematsu, M., Kanamori, H., Nishimura, M. Long-term reliability of Er-doped fibers in hydrogen environments 65067
Koymen, H. *see* Altintas, A. 88799
Koymen, H. *see* Yarahoglu, G.G. 106466
Koynov, S., Grebner, S., Radojkovic, P., Hartmann, E., Schwarz, R., Vasilev, L., Krankenhagen, R., Sieber, I., Henrion, W., Schmidt, M. Initial stages of microcrystalline silicon film growth 92887
Koynov, S. *see* Sieber, I. 94320
Koynov, S. *see* Vieira, M. 100022
Koyuncu, B., Abu-Rezq, A.N. Wave amplitude measurements using a capacitor transducer 70500
Koza, M. *see* Lee, T.-P. 78880
Koza, M.A. *see* Amersfoort, M.R. 75660
Koza, M.A. *see* Amersfoort, M.R. 88482
Koza, M.A. *see* Soole, J.B.D. 106928
Koza, M.A. *see* Yoo, S.J.B. 64816
Koza, M.A. *see* Yoo, S.J.B. 65465
Koza, M.A. *see* Yoo, S.J.B. 78782
Koza, M.A. *see* Yoo, S.J.B. 107522
Koza, M.A. *see* Zah, C.E. 68417
Koza, M.A. *see* Zah, C.E. 76034
Kozachenko, V.F., Mikolaenko, V.P., Kudryashov, A.L. Microcontroller control system for frequency converters in object-oriented asynchronous pump and fan electric drives 103067
Kozaczek, K.J. *see* Varga, L. 115477
Kozaitis, S.P. Multiresolution wavelet processing for binary phase-only filters 117629
Kozaitis, S.P. *see* Andrade, R.A. 117755
Kozak, A. *see* Celuch-Marcysiak, M. 85918
Kozak, J. *see* Yu Yu Feng 92577
Kozaka, H. *see* Shimizu, Y. 63650
Kozakevich, D.N. *see* Gomes-Ruggiero, M.A. 72648
Kozaki, S. *see* Ohki, M. 76410
Kozaki, T. *see* Sakurai, Y. 98997
Kozakov, A.T. *see* Alyoshin, V.A. 106314
Kozarenko, E. *see* Martellotti, G. 80122
Kozarenko, E.N. *see* Golovkin, S.V. 80125
Kozaru, Y., Sugeno, H., Kanno, N. SDH/SONET-based desktop 156 Mbit/s video transmission equipment for contribution quality 78750
Kozaru, Y. *see* Kanno, N. 118667
Kozawa, T., Ueda, T., Kobayashi, T., Uesaka, M., Miya, K., Ogata, A., Nakanishi, H., Kawakubo, T., Arinaga, M., Nakajima, K., Shibata, H., Yugami, N., Nishida, Y., Whittum, D., Yoshida, Y. Plasma wakefield acceleration experiments in overdense regime driven by narrow bunches 89681
Kozawa, T. *see* Ogata, A. 79850
Kozawa, T. *see* Uesaka, M. 69612
Kozek, A.S. On a partial cross validation in nonparametric regression 103549
Kozek, T. *see* Chua, L.O. 93636
Kozek, W. *see* Scharinger, J. 108446
Kozel, B.J., Cardoza, M.A. Evaluation of GPS precise positioning service autonomous integrity monitoring performance for military applications 80706
Kozela, A. *see* Brauksiepe, S. 100815
Kozen, A. *see* Notzel, R. 61296
Kozen, A. *see* Yoshida, J. 64998
Kozenkov, V. *see* Vorflusev, V. 95880
Kozenyuk, A. *see* Carey, J. 81290
Kozera, R. A note on uniqueness in shape from shading 87075
Kozhevnikov, N.M. *see* Korolev, A.E. 96819
Kozhevnikov, V.L. *see* Patrakeev, M.V. 114652
Kozhevnikov, Yu. *see* Hallgren, B. 90201
Kozhevnikov, Yu. *see* Hallgren, B. 100956
Kozhin, A.S. *see* Borisov, A.A. 69795
Koziarz, N.A., Kissa, K., Eng, H., Vecht, D. Environmental tests of optical links and YAG lasers 119154
Kozich, V.P. *see* Vodchitz, A.I. 65473
Kozick, R.J. Detecting interfaces on ultrasound images of the carotid artery by dynamic programming 69971
Kozick, R.J., Crane, C.C. An integrated environment for modeling, simulation, digital signal processing, and control 60439
Kozick, R.J. *see* Aburdene, M.F. 67007
Kozick, R.J. *see* Robertson, G.R. 108499
Kozicki, D. *see* Borecki, J. 91027
Kozicki, M.N. *see* Allgair, J. 94865
Kozicki, M.N. *see* Pan, M. 105826
Koziel, S. Interpolation of temperature in multidimensional models by transformation of multivariable functions into line segment 113220
Kozik, V.I. *see* Borzov, S.M. 77223
Kozin, M.G. *see* Spinel, V.S. 90158
Kozin, S.A., Gorbunov, S.M. The design and manufacturing of the sensitive elements of integrated transducers of mechanical quantities 89013
Kozin, S.A. *see* Volokhov, I.V. 89187
Kozin, V. *see* Bulyak, E. 80149
Koziol, J. *see* Anselmo, A. 82578
Kozitsky, S.V., Krasnov, A.N. Formation of "gigantic" crystallites in ZnS obtained by self-propagating high-temperature synthesis 103811
Kozlachkov, V.A. *see* Berezovskii, A.V. 69015
Kozlenkova, N.I., Pantsyrnyi, V.I., Nikulin, A.D., Shikov, A.K., Potapenko, I.I. Electrical conductivity of high-strength Cu-Nb microcomposites 95428
Kozlenkova, N.I. *see* Nikulin, A.D. 95410
Kozlitin, A.I., Nikitin, A.V., Repin, O.I. Calibration of a scanning electron microscope with a diffraction grating 83781
Kozlov, A.D., Patrikeev, V.G., Mamonov, Yu.V., Frenklakh, M.M. Design of multirange differential-pressure flowmeters 79290
Kozlov, A.I. Quasilongitudinal pseudosurface acoustic waves in trigonal crystals 106318
Kozlov, A.I. *see* Loutin, E.A. 111108
Kozlov, A.K., Shalfeev, V.D., Chua, L.O. Exact synchronization of mismatched chaotic systems 61677
Kozlov, A.K. *see* Grekhov, I.V. 113800
Kozlov, A.K. *see* Volkovskii, A.R. 61678
Kozlov, A.S., Taziev, R.M., Vasiliev, I.V., Yakovkin, I.B. Temperature derivatives of elastic stiffness evaluated from the SAW delay-temperature behavior on lithium tantalate plates 106453
Kozlov, A.S. *see* Yakovkin, I.B. 106452
Kozlov, B.A. Sealed-off pulse-periodical TEA-CO_2 lasers: physical problems and successes achieved 107068
Kozlov, B.A., Ponomaryov, D.I. Numerical modeling of active media chemical composition dynamic change in sealed-off pulsed periodical TEA-CO_2 lasers 107090
Kozlov, B.A., Solovyov, V.I. Decomposition and regeneration of gas mixtures in CO_2 longitudinal pulse discharge lasers 107091
Kozlov, I.P., Odzhaev, V.B., Popok, V.N., Hnatowicz, V. Annealing of radiation defects in dual-implanted silicon 63219
Kozlov, N.A. *see* Vashchenko, V.A. 95066
Kozlov, O.S. *see* Chernikov, V.I. 100720
Kozlov, R.I. *see* Givargizov, E.I. 73968
Kozlov, S.P. *see* Demidovich, V.M. 114847
Kozlov, V., Kelkar, P., Nurmikko, A.V., Chu, C.-C., Grillo, D.C., Han, J., Hua, C.G., Gunshor, R.L. Excitonic molecules and stimulated emission in a ZnSe single quantum well 63061
Kozlov, V.A., Awad, H.P.I., Vlasenko, O.A., Zavartsev, Yu.D., Zagumennyi, A.I., Studenikin, P.A., Shcherbakov, I.A., Gordova, M.R., Kuznetsov, A.V. Fiber-optic systems for diode-pumped solid state lasers 96224
Kozlov, V.A. *see* Aleev, A.N. 120186
Kozlov, V.A. *see* Awad, H.R.I. 107186
Kozlov, V.A. *see* Preobrazhenskii, M.N. 90846
Kozlov, V.I. *see* Zhuk, Ya.A. 101630
Kozlov, V.M., Bicelli, L.P. Formation of structural defects during metal electrocrystallization 113304
Kozlov, V.N. *see* Busurin, V.N. 121373
Kozlovskaya, I.M. *see* Bogdanov, M.P. 107621
Kozlovskaya, I.M. *see* Kuprenyuk, V.I. 116335
Kozlovskii, S.I. Strain thyristor with an accelerating electric field in the first base 115175
Kozlovskii, V.V., Zakharenkov, L.F. Radiation doping methods of semiconductor materials: the nuclear doping by charged particles 84083
Kozlovsky, V.I., Shcherbakov, E.A., Dianov, E.M., Krysa, A.B., Nasibov, A.S., Trubenko, P.A. Electron-beam pumped laser structures based on MBE grown ZnCdSe/ZnSe superlattices 75951
Kozlovsky, V.I. *see* Basov, N.G. 94206
Kozlovsky, V.I. *see* Korostelin, Yu.V. 74188
Kozlovsky, V.I. *see* Korostelin, Yu.V. 92672
Kozlovsky, V.V. Transmutation doping of semiconducting materials under the action of charged particles 84107
Kozlowska, J. Evaluation of the mean central node traffic in centralized failure-prone networks 98743
Kozlowski, A. Process optimization of single coat positive photoresist for thick film applications 74652
Kozlowski, A. Conditions of operation of the system: battery-electric equipment of the vehicles 112514
Kozlowski, D.A., Young, J.S., England, J.M.C., Plumb, R.G.S. Longitudinal mode control in Fabry-Perot lasers 65190
Kozlowski, D.A., Young, S., Plumb, S., England, J.M.C. Time-domain modeling of mode suppression in 1.3-μm Fabry-Perot lasers 65305
Kozlowski, D.A. *see* Gardiner, C.K. 116472
Kozlowski, F., Huber, B., Steiner, P., Lang, W. Generating a microplasma with porous silicon 83686
Kozlowski, F., Sailer, C., Steiner, P., Knoll, B., Lang, W. Time-resolved electroluminescence of porous silicon 94276
Kozlowski, F., Wiedenhofer, A., Wagenseil, W., Steiner, P., Lang, W. Stability of electroluminescence and photoluminescence of porous silicon 96042
Kozlowski, F. *see* Guha, S. 94258
Kozlowski, F. *see* Steiner, P. 94275
Kozlowski, M. State of researches on static electrification in power transformers and computer simulation of the influence of charges on electric field distribution 91589
Kozlowski, M. Present-day trends in maintenance work on power transformers and new relevant procedures 91590
Kozlowski, M. Determination of traction characteristic of induction motor 112515
Kozlowski, M., Pewca, W. Short-circuit performance of a stretched transformer winding with regard to its actual mechanical characteristics 121533
Kozlowski, M. *see* Bodemann, A. 107463
Kozlowski, M. *see* Sheehan, L. 85554
Kozlowski, M. *see* Wu, Z.L. 106925
Kozlowski, M.R. *see* Stolz, C.J. 106921
Kozlowski, M.R. *see* Stolz, C.J. 106923
Kozlowski, M.R. *see* Walton, C.C. 107474
Kozlowski, P.M. *see* Yue Kuo 94666
Kozlowski, T. *see* Szymanski, J.J. 110589
Kozlowski, W.E., Vahamaki, O. LONWorks technology based experimental communication system for power substation automation 81629
Kozma, R.B., Middleton, T., Rosales, R. Exploring the educational applications of the Viacom testbed in the community of Castro Valley 119480
Kozodaeva, O. *see* Artemiev, V. 80101
Kozodoy, P. *see* Deshpande, M.R. 63811
Kozodoy, P. *see* Wu, Y.-F. 106078
Kozono, S. *see* Matsumoto, Y. 68332
Kozono, S. *see* Seino, S. 109389
Kozorezov, A.G. *see* Poelaert, A. 69909
Kozu, J., Kuriyama, T., Seo, Y., Arita, Y., Yokoyama, F. Tribological behavior of rigid disks with high density micro cone-shaped projections 115758
Kozu, S., Daito, M., Sugiyama, Y., Suzuki, H., Morita, H., Nomura, M., Nadehara, K., Ishibuchi, S., Tokuda, M., Inoue, Y., Nakayama, T., Harigai, H., Yano, Y. A 100 MHz, 0.4 W RISC processor with 200 MHz multiply adder, using pulse-register technique 73423
Kozu, S. *see* Yonezawa, N. 73453
Kozu, T., Iguchit, T. A preliminary study of non-uniform beam filling correction for spaceborne radar rainfall measurement 90787
Kozu, T. *see* Hanado, H. 111208
Kozu, T. *see* Kumagai, H. 90788
Kozu, T. *see* Nakamura, K. 90790
Kozub, G.I. *see* Efimov, O.N. 112277
Kozuka, H. *see* Zhao, G. 92786
Kozuka, T., Kato, K., Yaji, T. Quality control of XLPE cable at AICHI new factory 111635
Kozuka, T., Tuziuti, T., Mitome, H., Fukuda, T. Non-contact micromanipulation using an ultrasonic standing wave field 74963
Kozuka, T. *see* Moribe, T. 120974
Kozuka, T. *see* Tuzuiti, T. 70566
Kozuka, Y. *see* Hirata, K. 70853
Kozyr', V.N. *see* Goncharov, B.I. 81204
Kozyrczak, M. *see* Giacalone, G. 73368
Kozyrev, A.B. *see* Vendik, I.B. 75375
Kozyrev, E.V., Makarov, I.G., Nezhevenko, O.A., Persov, B.Z., Serdobintsev, G.V., Schcehlkunoff, S.V., Tarnetsky, V.V., Yakovlev, Y.P., Zapryagaev, I.A. Performance of the high power 7 GHz magnicon amplifier 79766
Kozyrev, E.V., Makarov, I.G., Nezhevenko, O.A., Persov, B.Z., Serdobintsev, G.V., Shchelkunoff, S.V., Tarnetsky, V.V., Yakovlev, V.P., Zapryagaev, I.A. Investigation of 7 GHz high power pulsed magnicon amplifier 114520
Kozyrev, G.I. *see* Kalenik, S.T. 66764
Kozyrev, S.P. *see* Vinogradov, V.S. 105321
Kponou, A. *see* Beebe, E. 90094
Kponou, A.E. *see* Huang, H. 119985
Kraak, W. *see* Hansen, O.P. 94484
Kraak, W. *see* Saffian, B. 114684
Kraal, C.J. Developing for interactive services in digital TV 119388
Kraan, W.H., Por, P.T., Rekveldt, M.T. Small angle neutron scattering in Co-Cr films in perpendicular and non-perpendicular transmission 106523
Kraan, W.H. *see* Por, P.T. 106544
Kraan, W.H. *see* Por, P.T. 106561
Kraas, W. *see* Rickert, J. 79569
Krabbe, A. *see* Streller, U. 84143
Krabbe, A. *see* Streller, U. 94786
Krabbenborg, B., Van Der Pol, J. The influence of process variations on the robustness of an audio power IC 119507
Krabbenborg, B. *see* Mouthaan, A.J. 84322
Krabbenborg, B.H., Bosma, A., de Graaff, H.C., Mouthaan, A.J. Layout to circuit extraction for three-dimensional thermal-electrical circuit simulation of device structures 74667
Krabbenborg, B.H., de Graaff, H.C., Mouthaan, A.J. Analytical calculation of avalanche and thermal snapback points in bipolar transistors 63595
Krabbes, G. *see* Fuchs, G. 115959
Krabbes, G. *see* Werner, J. 113282
Krabs, R. *see* Gaedicke, P. 81121
Krachkovskv, V. *see* Yuan Xing Lee 115819
Krachkovsky, V.Yu., Yuan Xing Lee, Davydov, V.A. A new class of codes in Lee metric and their application to error-correcting modulation codes 117183
Kracke, B., Damaschke, B. Ultrahigh vacuum scanning force microscope with fiber-optic deflection sensor 100087
Kraeft, W.D. *see* Arndt, S. 62666
Kraemer, J. *see* Soltau, H. 110553
Kraetzig, E. *see* Garcia, P.M. 116754
Kraeutner, P.H., Bird, J.S. A PC-based coherent sonar for experimental underwater acoustics 68740
Kraevski, N., Moustakerov, I., Georgiev, I. Programmable signal generator for PC 89198

Krafft, G.A., Crofford, M., Douglas, D.R., Harwood, S.L., Kazimi, R., Legg, R., Oren, W., Tremblay, K., Wang, D. Measuring and adjusting the path length at CEBAF 100526
Krafft, G.A., Wang, D., Price, E., Feldl, F., Porterfield, D., Wood, P., Crowe, T. Coherent synchrotron radiation detector for a non-invasive subpicosecond bunch length monitor 100581
Krafft, G.A. *see* Chowdhary, M. 100522
Krafft, G.A. *see* Kazimi, R. 100584
Krafft, G.A. *see* Legg, R. 100707
Krafft, J.M. *see* Baccar, Z.M. 63236
Krafft, R., Hemp, J., Sanderson, M.L. Investigation into the use of the electromagnetic flowmeter for two-phase flow measurements 69043
Krafka, P. *see* Bunte, A. 121943
Kraft, D. *see* Anapol, M. 64868
Kraft, E. *see* Lewis, C.P. 99941
Kraft, G.D. *see* Hsu, T.-C.C. 118549
Kraft, J., Netzer, F.P. Oxidation of ordered In overlayers on Si(111): an atomic picture of oxidation by STM 94754
Kraft, M. *see* Lewis, C.P. 89508
Kraft, O., Bauer, M., Arzt, E. Electromigration-induced voiding mechanisms in metallizations 115024
Kraft, R.P., Burrows, D.N., Garmire, G.P., Nousek, J.A. Thin-gate front side-illuminated versus back side-illuminated charge-coupled devices for X-ray astronomy 110626
Kraft, U. *see* Batz, O. 111175
Kraft, U.R. Two-dimensional aperture synthesis radiometers in a low earth orbit mission and instrument analysis 111287
Kraftnat, S. *see* Holmgren, T. 91122
Kragler, K., Gunther, E., Leuschner, R., Falk, G., von Seggern, H., Saemann-Ischenko, G. Low-voltage electron-beam lithography with scanning tunneling microscopy in air: A new method for producing structures with high aspect ratios 63511
Krahe, R. *see* Fadul, F. 70979
Krahe, R.P., Fadul, F.K. A self-tuning microcontroller-based glass measuring instrument 68982
Krahenbuhl, L., De Susa Dias, M., Wanser, S., Nicolas, A. Surface impedances, BIEM and FEM coupled with 1D non linear solutions to solve 3D high frequency eddy current problems 96945
Krahenbuhl, L. *see* Sareni, B. 92962
Krahenbuhl, L. *see* Vasconcelos, J.A. 65631
Krahenbuhl, L. *see* Vasconcelos, J.A. 112153
Krahenbuhl, R. *see* Kyburz, R. 109314
Krahn, D.R. A brief study of magnetism and magnetic sensors 85788
Kraif, C., Durand, P., Baillou, J. Characterisation of a phased locked loop in a graphical environment 93078
Krain, A.L. *see* Rajapakse, J.C. 69935
Krainak, M.A. *see* Probst, D.K. 101632
Krainov, A.V. *see* Vasil'ev, V.A. 102494
Krainsky, I.L. *see* Lamouri, A. 74034
Krainsky, I.L. *see* Lamouri, A. 83704
Krainz, G. *see* Rodriguez-Mateos, F. 90046
Kraisingdecha, P., Gal, M. Differential reflectance spectroscopy of GaAs/GaAlAs at elevated temperatures 105308
Kraitsik, M.J. *see* Melson, D.L. 110896
Krajacevic, Z. *see* Veselinovic, D. 99010
Krajewski, J.J. *see* Cava, R.J. 95244
Krajewski, J.J. *see* Suzuki, F. 75184
Krajewski, W. Application of the BEM to the electric field analysis around overhead HV transmission lines with taking into consideration the influence of physical objects placed in their vicinity 102196
Krajnovich, D. *see* Tam, A.C. 115759
Krakow, B. *see* Lamb, H.C. 71855
Krakowski, M. *see* Bibey, M.B. 96296
Krakowski, M. *see* Goutain, E. 65214
Krakowski, M. *see* Goutain, E. 107281
Krakowski, M. *see* Zahzouh, M. 109689
Kral, J., Voltr, J., Nejedly, Z. PIXE setup for liquid sample analysis 100385
Kral, P. Linearized quantum transport equations: AC conductance of a quantum wire with an electron-phonon interaction 63025
Kral, S.F., Xianrui Huang, Minfeng Xu Superconducting power systems for utility applications 91054
Kralik, I. *see* Antinori, F. 120156
Kralik, J.C., Malcuit, M.S. Electro-optic modulation in an anisotropic artificial Kerr medium 75587
Kralikova, B. *see* Rus, B. 116314
Kralikova, B. *see* Straka, P. 116313
Kralikova, B. *see* Woryna, E. 110530
Kralj, A. *see* Matjacic, Z. 80478
Kralj, A.R. *see* Erzin, R. 70233
Kralj, D. *see* Leung, K.M. 97149
Kralj, D.R. *see* Melloch, M.R. 95995
Kraljic, I.C., Quenot, G.M., Zavidovique, B. From real-time emulation to ASIC integration for image processing applications 95168
Krall, J. *see* Esarey, E. 79767
Krall, J. *see* Sprangle, P. 69661
Kramar, G.P. *see* Afanas'ev, V.P. 95266
Kramarenko, A.M. *see* Danilov, V.V. 120582
Krambeck, R.H. ORCA: a high performance, easy to use SRAM based architecture 61747
Kramer, A. *see* Canegallo, R. 62133
Kramer, A. *see* Fabbrizio, V. 62116
Kramer, A.H. Array-based analog computation: principles, advantages and limitations 62110
Kramer, A.H. Array-based analog computation 114164
Kramer, B. *see* Brandes, T. 62932
Kramer, B. *see* Koch, T. 109029
Kramer, C. *see* Friedman, D.J. 112348
Kramer, D. The SMC polarized target–systems and operations 120109
Kramer, D. *see* Becker, T. 89791
Kramer, D. *see* Jaeschke, E. 100450
Kramer, D. *see* Knuth, T. 89788
Kramer, D. *see* Schirmer, D. 100709
Kramer, E., Huber, H., Scarlin, B. Low-pressure steam turbine retrofits 91351
Kramer, E.J. *see* Stoffel, N. 112966
Kramer, E.J. *see* Stoffel, N.C. 60617
Kramer, G. *see* Shen, J. 61799
Kramer, G. *see* Stoll, K. 85686
Kramer, J. Compact integrated motion sensor with three-pixel interaction 69022
Kramer, J. *see* Brauninger, H. 90702
Kramer, J. *see* Indiveri, G. 69324
Kramer, J. *see* Indiveri, G. 117533
Kramer, J. *see* Sarpeshkar, R. 77508
Kramer, K.-J., Talwar, S., McCarthy, A.M., Weiner, K.H. Characterization of reverse leakage components for ultrashallow p+/n diodes fabricated using gas immersion laser doping 105579
Kramer, L.H., DeSchepper, D., Milner, R.G., Pate, S.F., Shin, T. An internal polarized ^{3}He target for electron storage rings 120084
Kramer, M.J. *see* Branagan, D.J. 64472
Kramer, N. *see* Schonberger, C. 115098
Kramer, R., Loffeld, O. A novel procedure for cutline detection 68559
Kramer, S. *see* Zimmermann, M. 114772
Kramer, S. *see* Zimmermann, R. 96426
Kramer, S.L. *see* Nawrocky, R.J. 100552
Krammer, M. *see* Chochula, P. 110611
Krampe, S., Behammer, D., Bosch, B.G., Sorge, R. Liquid phase deposition (LPD) of silicon oxide near room temperature 82664
Kramskoi, G.D. *see* Kalmykova, S.S. 74064
Kranakis, E., Krizanc, D., Pelc, A., Peleg, D. The complexity of data mining on the web 98704
Kranakis, E. *see* Dolev, S. 87364
Kranenburg, H.van *see* van Kranenburg, H.
Kraner, H. *see* Steinhaeuser, P. 69834
Kraner, H.W. *see* Li, Z. 90125
Kraner, H.W. *see* Li, Z. 100896
Krankenhagen, R. *see* Koynov, S. 92887
Krantz, E.P., Watson, J., Hobson, P.R., Lampitt, R.S., Rogerson, A. In situ off-axis holography of marine plankton 96789
Krantz, E.P., Watson, J., Hobson, P.R., Lampitt, R.S., Rogerson, A. Off-axis transmission holographic system for recording aquatic particles 116772
Krantz, N.U., Gustafsson, M.N., Daalder, J.E. Voltage collapse with a laboratory power system model 101746
Krapez, J.-C., Gardette, G., Balageas, D. Lock-in IR thermography: advantages and problems of some approaches 69251
Krapf, E. Smarter, cooler, bigger [antennas] 78542
Krapf, E. The upstream path to HFC: getting the 'dirt' out 88459
Krapf, E. Available bit rates: the new essence of ATM 98385
Krapf, E. Get the bugs out: it's make-or-break time for CDMA 118819
Krapf, E. Testing for two-way paging systems 118821
Krapf, P. *see* Porte, L. 82620
Krapfl, J. *see* Schopflin, A. 119208
Krapp, A. *see* Sauter, S.A. 113258
Krarup, T. *see* Grafarend, E.W. 60910
Krasa, J. *see* Rus, B. 116314
Krasa, J. *see* Woryna, E. 110530
Krasevec, E. *see* Juricic, D. 111991
Krasheninnikov, A.V., Openov, L.A. Elementary quantum-dot gates for single-electron computing 115260
Krasheninnikov, I.V. *see* Krasheninnikov, V.R. 67177
Krasheninnikov, S.I. *see* Batishcheva, A.A. 82555
Krasheninnikov, V.R., Tashlinskii, A.G., Krasheninnikov, I.V. An adaptive algorithm for the identification of fingerprints 67177
Krasheninnikov, V.R. *see* Gorokhin, V.N. 67171
Krasheninnikov, V.R. *see* Vasil'ev, K.K. 70132
Krasikov, I., Litsyn, S. On the binomial approximation to the distance distribution of codes 66418
Krasilenko, V.G., Bogukhvalsky, A.K., Volosovich, A.E. The simulation of information processing algorithms in optical neuron networks in training and recognition modes 85183
Krasilenko, V.G., Kolesnitsky, O.K., Boguhvalsky, A.K. Creation opportunities of optoelectronic continuous logic neural elements, which are universal circuitry macrobasis of optical neural networks 85182
Krasilenko, V.G., Kolesnitsky, O.K., Mikhalnichenko, N.N. Lines of optoelectronic neural elements with optical inputs/outputs based on BISPIN-devices for optical neural networks 85328
Krasil'nikov, A.A. Total power spectral radiometer of 3-mm wavelength range 89009
Krasilnikov, A.B. *see* Latyshev, A.V. 103885
Krasilnikov, A.B. *see* Latyshev, A.V. 113395
Krasil'nikov, V.D. *see* Gorbachev, A.A. 107948
Krasil'nikov, V.N. *see* Arkhipenko, Yu.K. 107850
Krasil'nikova, A.V. *see* Bogolyubov, A.N. 106797
Krasinski, Z., Majewski, A., Hinata, T. Boundary value problem for the electromagnetic fields in elliptical geometry 76386
Kraska, R.E. *see* Crespi, A.M. 112184
Krasko, O. *see* Tom, I. 103626
Krasnicki, S. *see* Tong, Q.-Y. 63859
Krasnikov, V.V. *see* Malliaras, G.G. 95631
Krasnikova, I.V. *see* Morozov, Yu.A. 96275
Krasnikova, S.A. *see* Bolshakova, N.N. 75031
Krasnjuk, A.A., Stenin, V.J. An X-ray TV camera using a CCD array 100098
Krasnobriyji, A.V., Ejov, S.B., Pospelov, A.B. Water-activated power sources with magnesium anodes 112187
Krasnobriyji, A.V. *see* Cherepanov, V.B. 112245
Krasnopolsky, V. *see* Bolotin, I. 100694
Krasnopolsky, V. *see* Glazov, A. 90098
Krasnov, A.N. *see* Kozitsky, S.V. 103811
Krasnov, S. *see* Bondarchuk, E. 95588
Krasny, H. *see* Georgakilas, A. 113327
Krasny, L.G., Yu Lapy, V., Antonyuk, S.P. The optimal wave numbers estimation [ocean acoustics] 70508
Krasny, L.G. *see* Grinchenko, V.T. 120374
Krasny, M.W. *see* Ban, J. 69810
Krasnykh, A. IREN status: new electron linac driven intense resonance neutron source 79990
Krasovskii, A.V. *see* Morozov, Y.A. 65338
Krasovskiy, A.A. Synthesis of self-excited oscillatory systems with application to a new class of wind power generators 71205
Krastev, V., Marinova, T., Kalitzova, M., Vitali, G., Pizzuto, C. XPS study of laser annealed ion implanted InP 94327
Krastev, V. *see* Dimova-Malinovska, D. 94307
Krastev, V. *see* Dimova-Malinovska, D. 94787
Krastev, V. *see* Hallin, C. 105477
Krastev, V. *see* Marinova, T. 83970
Krastev, V. *see* Tzenov, N. 94714
Krasulick, S.B. *see* Wilson, G.C. 88562
Kraszewski, A.W., Nelson, S.O. Application of microwave techniques in agricultural research 99658
Kratenko, M.Yu. *see* Abdurakhmanov, A. 119867
Kratochvil, P. *see* Krivka, I. 72970
Kratschmer, E., Kim, H.S., Thomson, M.G.R., Lee, K.Y., Rishton, S.A., Yu, M.L., Chang, T.H.P. An electron beam microcolumn for multi-beam applications 76349
Kratschmer, E. *see* Chang, T.H.P. 114548
Krattenthaler, C. Oscillating tableaux and nonintersecting lattice paths 92485
Krattenthaler, C., Srivastava, H.M. Summations for basic hypergeometric series involving a q-analogue of the digamma function 72599
Krattenthaler, C. *see* Gustafson, R.A. 72396
Kratz, F., Ringel, G., Toebben, H., Schmitt, D.R. Simulation model for the scanning of surfaces by mechanical profiling systems 79342
Kratz, F. *see* Dorr, R. 111724
Kratz, F. *see* Ringel, G. 79221
Kratz, J.V. *see* Mauerhofer, E. 69885
Kratzer, H. *see* Torabi, B. 107282
Kratzer, M. *see* Becker, S. 106591
Kratzer, M. *see* Dubbs, T. 80026
Kratzer, M. *see* Dubbs, T. 100839
Kratzer, M. *see* Dubbs, T. 100849
Kratzer, S.G. *see* Morgan, D.R. 97666
Kratzet, S. Dynamic design and simulation [spread spectrum systems] 88074
Kratzig, E. *see* Buse, K. 95945
Kratzig, E. *see* Simon, M. 85251
Kratzke, T.M., West, D.B. The total interval number of a graph. II. Trees and complexity 92492
Kraus, A. *see* Behrens, V. 62426
Kraus, H. Superconductive bolometers and calorimeters 115970
Kraus, H., Gutsche, M., Hettl, P., Jochum, J., Kemmather, B. Measurement of the tunnel rate in SIS' tunnel junctions as function of bias voltage 84891
Kraus, J. *see* Albert, D. 74204
Kraus, J. *see* Braglia, M. 116052
Kraus, M., Meyer, J. Influence of data networks on the oscillatory behaviour of control circuits of high dynamic range 118643
Kraus, P.A. *see* Vas'ko, V.A. 61196
Kraus, R., Neumann, R. High speed parallel/serial data converter operates at 1.6 Gigabits/sec 93520
Kraus, S., Heiss, H., Xu, D., Sexl, M., Bohm, G., Trankle, G., Weimann, G. InGaAs/InAlAs HEMTs with extremely low source and drain resistances 95070
Kraus, S. *see* Chertouk, M. 62299
Kraus, S. *see* Heiss, H. 104833
Kraus, U.E. Modern types of digital coding for digital terrestrial TV transmission 99734
Krausch, G., Mlynek, J. Surface modification in the optical near field 115099
Krausch, G. *see* Meiners, J.C. 105747
Krause, A. *see* Gunsenheimer, U. 115924
Krause, A. *see* Rauscher, R. 104532
Krause, B. *see* von Altrock, C. 81461
Krause, D. *see* Kahn, M. 82817
Krause, E. *see* Geissler, U. 74187

Krause, H., Flagmeyer, R.H., Vogt, J., Kling, A., Butz, T. Defect development and dopant location due to elevated temperature implantation of InP with MeV zinc ions 94682
Krause, H. *see* Ban, J. 69810
Krause, H.-J. *see* Zhang, Y. 64553
Krause, H.P. *see* Streller, U. 84143
Krause, J. *see* Braunschweig, W. 120173
Krause, J. *see* Kohler, J.M. 88999
Krause, J.T., Stroumbakis, D. Factors affecting arc fusion splice strengths 84976
Krause, K.A., Grib, T.E. Electronic imaging developments for future aircraft applications 90712
Krause, K.E., Spielman, B.E. An electromagnetic technique for packaging problem analysis 92202
Krause, M., Grein, H. Abrasion research and prevention [in hydroelectric power plants] 121389
Krause, M. *see* Hollenbach, U. 95792
Krause, M. *see* Kalberer, A. 71163
Krause, M. *see* Klose, H.A. 106815
Krause, N. *see* Soltau, H. 110553
Krause, P., Obermeier, E., Wehl, W. A micromachined single-chip inkjet printhead 84647
Krause, R., Rank, E. A fast algorithm for point-location in a finite element mesh 82566
Krause, S. Efficient data management in PCB fabrication 73871
Krause, S. *see* Magedanz, T. 87594
Krause, S. *see* Mendes, M. 118362
Krause, T.W., Donaldson, R.M., Barnes, R., Atherton, D.L. Variation of the stress dependent magnetic flux leakage signal with defect depth and flux density 72983
Krause, T.W., Pulfer, N., Weyman, P., Atherton, D.L. Magnetic Barkhausen noise: stress-dependent mechanisms in steel 115561
Krause, T.W. *see* Birsan, M. 75109
Krause-Rehberg, R. *see* Neuberta, M. 74136
Krauser, J. *see* Maser, K. 105496
Kraushaar, J. *see* Olsen, B.T. 78788
Kraushaar, J. *see* Olsen, B.T. 98910
Kraushaar, P. *see* Burgett, W. 79856
Krauss, A.R. *see* Erdemir, A. 92845
Krauss, H. *see* Rabenstein, R. 93092
Krauss, M., Thieme, H., Schniek, H.-G., Wittig, E. Fully-integrated 5 V CMOS system for a 20 M sample/s sampling oscilloscope 79279
Krauss, M. *see* Thiel, A. 109167
Krauss, P.R. *see* Chou, S.Y. 63489
Krauss, P.R. *see* Chou, S.Y. 64438
Krauss, P.R. *see* Chou, S.Y. 75259
Krauss, P.R. *see* Chou, S.Y. 106607
Krausz, F. *see* Lin Xu 96208
Krausz, F. *see* Spielmann, C. 116445
Krausz, F. *see* Stingl, A. 107189
Krausz, F. *see* Stingl, A. 116465
Kraut, R.E., Cool, C., Rice, R.E., Fish, R.S. Life and death of new technology: task, utility and social influences on the use of a communication medium 67695
Krauter, B., Yu Xia, Dengi, A., Pileggi, L.T. A sparse image method for BEM capacitance extraction 84557
Krauter, B. *see* Xun Yang 115342
Krauter, K. *see* Hendrickson, L. 100556
Krauter, S., Hanitsch, R. Actual optical and thermal performance of PV-modules 103026
Krauters, B. *see* Gupta, R. 97216
Krautle, H. *see* Bottner, T. 96005
Krautle, H. *see* Kollakowski, S. 100047
Krautle, H. *see* Ressel, P. 114813
Krautschneider, W.H. What will be the reliability problems of gigabit CMOS circuits? 95197
Krautschneider, W.H. *see* Risch, L. 84407
Krautschneider, W.H. *see* Risch, L. 105957
Krautter, H.W. *see* Opila, R.L. 62441
Krauz, P. *see* Faini, G. 105409
Krauz, V.I. *see* Filippov, N.V. 110637
Kravchenko, A.S. *see* Boriskin, A.S. 71216
Kravchenko, L.N. *see* Belyaev, A.E. 105366
Kravchenko, S.V. *see* Furneaux, J.E. 106038
Kravchenko, S.V. *see* Mason, W. 105128
Kravchenko, V.F., Kazarov, A.B., Pustovoit, V.I. Determination of basic electrodynamic characteristics of superconducting microstrip resonators 83410
Kravchenko, V.I. *see* Galkin, O.N. 107446
Kravchuk, L.V. *see* Esin, S.K. 89735
Kravchuk, L.V. *see* Esin, S.K. 90100
Kravchuk, N.P. *see* Karpukhin, V.V. 90183
Kravchuk, O.Ya. *see* Lyskovich, O.B. 107539
Kravchuk, V., Kityk, J., Makowska-Janusik, M., Korolev, D., Yasinskii, M., Holan, B. Modified polyvinyl alcohol photopolymer modulators and deflectors 85158
Kravchuk, V.K. *see* Buklerskii, A.V. 101506
Kravchun, P.N., Turmachev, V.V. Method for measuring the acoustical characteristics of waveduct elements with unknown gasdynamic parameters of the internal medium 79760
Kravets, A.N., Kravets, S.A. YAG:Nd laser system with parallel connection of active elements and passive Q-switching 107207
Kravets, A.N., Kravets, S.A., Trifonov, I.I. Phase conjugated laser system with parallel connection of active elements 116440
Kravets, S.A. *see* Kravets, A.N. 107207
Kravets, S.A. *see* Kravets, A.N. 116440
Kravets, S.Yu. *see* Davydenko, A.N. 117409
Kravetskii, I.V. *see* Gorya, O.S. 74439
Kravitz, J. *see* Hall, E. 77943
Kravitz, S.H., Word, J.C., Bauer, T.M., Seigal, P.K., Armendariz, M.G. CLASP (capture and locking alignment spring positioner): a micromachined fiber auto-positioning device 116017
Kravitz, S.H. *see* Borges, B.V. 99594
Kravitz, S.H. *see* Sweatt, W.C. 96835
Kravitz, S.H. *see* Zubrzycki, W.J. 65001
Kravtsov, N.V. *see* Golovnin, I.V. 85445
Kravtsov, S.B. *see* Bufetov, I.A. 107492
Kravtsov, Yu.A. *see* Anosov, O.L. 108238
Kravtsov, Yu.A. *see* Mityagina, M.I. 111221
Krawchuk, A. Nortel: a working partnership with Australia 87515
Krawczak, P., Pabiot, J. Acoustic emission characteristics of GFRP composites as a function of the interface quality and its aging 113606
Krawczyk, A., Skoczkowski, T., Zyss, T. Magnetotherapy due to eddy currents induced in neural cells by magnetic stimulation 80468
Krawczyk, A. *see* Buze, A. 75275
Krawczyk, F.L. Advanced electromagnetic design of cavities for high current accelerators 89964
Krawczyk, F.L., Billen, J.H., Ryne, R.D., Takeda, H., Young, L.M. The Los Alamos Accelerator Code Group 89949
Krawczyk, H. *see* Bellare, M. 97491
Krawczyk, H. *see* Gennaro, R. 86073
Krawczyk, H. *see* Gennaro, R. 97499
Krawczyk, R. *see* Gargione, F. 109578
Krawczyk, S.K. *see* Nuban, M.F. 92777
Krawinkel, C. *see* Singerl, P. 88873
Kraz, V. Near-field methods of locating EMI sources 97163
Krazewski, A.W., Trabelsi, S., Nelson, S.O. Grain permittivity measurements in free space 110329
Krcum, M. Ship's electrical network protection 81155
Krcum, M. *see* Kuzmanic, I. 73838
Krebber, K. *see* Garus, D. 110191
Krebs, D.J. *see* Talamonti, J.J. 65590
Krebs, G. *see* Robin, D. 89812
Krebs, J. *see* Fabbricatore, P. 90191
Krebs, J.J., Prinz, G.A., Filipkowski, M.E., Gutierrez, C.J. Interlayer thickness dependence of the strong 90° coupling in epitaxial CoFe/Mn/CoFe trilayers 64351
Krebs, J.J., Vavra, W., Prinz, G.A., Cheng, S.F., Fink, A. Perpendicular transport and magnetic properties in patterned multilayer magnetic microstructures 75186
Krebs, W.K., Tinkle, E.C., Still, D.L. Ocular adjustment of aviator's night-vision imaging system (ANVIS) during different night-sky conditions 90705
Krech, W. *see* Basler, M. 115911
Krech, W. *see* Bluethner, K. 95083
Krechetov, V.V. On transient radiation of a charge in an inhomogeneous medium without limitations on permittivity variation and inhomogeneity scale 107834
Krechmer, K. Standards make the GIH possible 98551
Kreder, K.J. *see* Miller, E.M. 110772
Kreft, L. *see* Raus, M. 86470
Krefta, M. *see* Calvin, H. 106718
Kreger, S.T. *see* Brown, T.G. 95997
Krehbiel, P., Chen, T., McCrary, S., Rison, W., Gray, G., Brook, M. The use of dual channel circular-polarization radar observations for remotely sensing storm electrification 90777
Kreher, D.L. *see* Colbourn, C.J. 117211
Krehnovi, R. *see* Cox, R. 91078
Kreidel, H.J. *see* Drescher, P. 105007
Kreidel, H.J. *see* Hartmann, P. 120119
Kreider, K.G. *see* Cavicchi, R.E. 119773
Krein, J.A. *see* Smola, J.F. 90720
Krein, P.T. *see* Midya, P. 121405
Krein, P.T. *see* Munzert, R. 121639
Kreinovich, V. *see* Walster, G.W. 88890
Kreis, T.M. *see* Schnars, U. 76281
Kreischer, K. *see* Blank, M. 105026
Kreischer, K. *see* Read, M.E. 105038
Kreischer, K.E. *see* Advani, R.N. 105000
Kreischer, K.E. *see* Denison, D.R. 105034
Kreischer, K.E. *see* Hu, W. 62638
Kreischer, K.E. *see* Hu, W. 114534
Kreischer, K.E. *see* Kimura, T. 114527
Kreischer, K.E. *see* Levush, B. 62582
Kreischer, K.E. *see* Shapiro, M.A. 114533
Kreischer, K.E. *see* Trotz, S. 114506
Kreisinger, V. Quasistationary electromagnetic phenomena in 3D ferromagnetic structures 96942
Kreisler, A. *see* Ben Ayadi, Z. 95479
Kreisler, A. *see* Vasiliu, S. 64511
Kreiss, D., Rockwell, B. Intelligent software for the classification and analysis of utility related voltage disturbances 91970
Kreissig, U. *see* Lange, K. 63204
Kreissl, J., Schulz, H.J. Transition-metal impurities in II-VI semiconductors: characterization and switching of charge states 94354
Kreitlow, H. *see* Samuels, U. 116590
Kreitmair-Steck, W., Klausing, H., Braun, G. ROSAR technology as a basis for the enhanced vision system HELIRADAR 79002
Kreitz, H.M., Jr. *see* Smola, J.F. 90720
Kreitzer, M., Moskovich, J. Zoom projection lens 64858
Krejcik, P., Assmann, R., Decker, F.J., Hartman, S., Miller, R., Raubenheimer, T. Direct measurement of transverse wakefields in the SLC linac 89652
Krejcik, P. *see* Adolphsen, C. 89648
Krejcik, P. *see* Bane, K. 89979
Krejcik, P. *see* Bane, K.L.F. 89868
Krejcik, P. *see* Minty, M.G. 89966
Krejcik, P. *see* Raubenheimer, T.O. 89662
Krekels, H.-G., Schiek, B. Automatic procedures for a simplified calibration of network analyzers 100297
Krell, G., Herzog, A., Michaelis, B. Real-time image restoration with an artificial neural network 108618
Krell, G., Herzog, A., Michaelis, B. An artificial neural network for real-time image restoration 110024
Kreller, F., Puls, J., Henneberger, F. Temperature-dependent study of optical gain in (Zn,Cd)Se/ZnSe multiple-quantum-well structures 116537
Kreller, F. *see* Henneberger, F. 94523
Kreller, F. *see* Puls, J. 74377
Kremen'kova, N.V., Churilo, V.R. A coil compensating for the yz component of a field generated by a ring magnet 64471
Kremer, R., Jager, D. Optically controlled coplanar transmission lines for adaptive microwave signal processing applications 62316
Kremer, R., Redlich, S., Brings, L., Jager, D. A novel type of constant impedance traveling wave phase shifter for InP-based MMICs 83454
Kremer, R., Redlich, S., Brings, L., Jager, D. A novel type of constant impedance travelling wave phase shifter for InP-based MMICs 83482
Kremeskotter, J. *see* Wilson, R. 79583
Kreminskaya, L.V. *see* Ilyenkov, A.V. 85672
Krempasky, L., Schmidt, C. Ramp-rate limitation in large superconducting magnets due to 'supercurrents' 64579
Krempasky, L., Schmidt, C. A possible explanation of the problem of ramp rate limitation in large superconducting magnets 100439
Krempasky, M. *see* Bohacek, P. 94886
Krems, T., Haydl, W., Massler, H., Rudiger, J. Millimeter-wave performance of chip interconnections using wire bonding and flip chip 83480
Kremser, C. *see* Chebotarev, A.P. 100016
Kren, B., Sorli, I., Rocak, R., Polanc, I., Lenic, U., Zupancic, Z. Glass passivated silicon diodes 63581
Kren, B. *see* Sorli, L. *(editor)* 60357
Kren, G. *see* Altendorfer, H. 92311
Kren, J.J. *see* Zhirnov, V.V. 73969
Krenek, P. Electronic and ionic electrical conductivity of the decaying SF_6 arc plasmas 102895
Kreng, J.K. *see* Jocic, L.B. 90879
Krenz, K.D. *see* Sweatt, W.C. 96835
Krenz, R., Muratore, F., Romano, G. Channel estimation for a DS-CDMA mobile radio system with a coherent reception 78413
Krenz, W.C. *see* Abbott, R.J. 88412
Kreopalov, V.I. *see* Gorelik, L.I. 99984
Krepp, B. DSP oriented extensions to ANSI C 93446
Kreps, G. *see* Khabiboulline, T. 100505
Kres, J.J. *see* Wolf, J.A. 75083
Kresch, E. *see* Nagarajan, K. 120411
Kresh, Y. *see* Nagarajan, K. 120411
Kreshchuk, A.M., Novikov, S.V., Savel'ev, I.G. Effect of a strong electric field on the properties of a nonequilibrium, two-dimensional electron gas in nonideal heterostructures 74318
Kreshchuk, A.M., Novikov, S.V., Savel'ev, I.G. Quenching of persistent photoconductivity by electrical pulses 75681
Kreslo, I. *see* Martellotti, G. 80122
Kreslo, I.E. *see* Golovkin, S.V. 80125
Kresnin, Yu.A., Stervoedov, N.G. Computer and laboratory modeling of a radiation-acoustic detector for charged particle pulse beams and plasma parameters measurement 110491
Kress, B., Meyrueis, P. Tolerancing and packaging analysis for the optimization of a diffractive element for synchronous planar optical clock distribution 95915
Kress, J. *see* Dilmanian, F.A. 90434
Krestnikov, I.L. *see* Kop'ev, P.S. 107351
Krestnikov, I.L. *see* Ledentsov, N.N. 107223
Krestnikov, I.L. *see* Zhmerik, V.N. 74537
Kretchemer, J. *see* Ramungul, N. 105887
Kretchmer, J. *see* Gardner, J. 74523
Kretchmer, J. *see* Ramungul, N. 105921
Kretinin, E.A. *see* Sidorenko, V.D. 95553
Kretschmann, H.-J. *see* Gerke, M. 110764
Kretschmer, W. *see* Eversheim, P.D. 120080
Kreuger, D., Cruz, J.R. Tomlinson-Harashima precoding for the magnetic recording channel 84829
Kreuger, F.H. *see* Jing, T. 75044
Kreusel, J. *see* Aufermann, A. 121786
Kreutz, E.W. *see* Mertin, M. 92925
Kreutz, E.W. *see* Pfleging, W. 94797
Kreutz, E.W. *see* Wesner, D.A. 94103
Kreutzburg, K. *see* Haferkamp, H. 107651
Kreutzer, M. *see* Lisec, T. 74921
Kreutzer, M. *see* Lisec, T. 89043
Kreutzer, M. *see* Lisec, T. 110077
Kreuzer, F.-H. *see* Maurer, R. 85139
Kreuzer, M. *see* Tabiryan, N.V. 96629
Krevchik, V.D. *see* Dzhuliev, Kh.Kh. 103196

Kreveld, M.Van *see* Van Kreveld, M.
Krevet, B. *see* Takagi, T. 64276
Krey, U. *see* Winkel, J.O. 73592
Krichevskii, R.E., Potapov, V.N. Compression of square integrable functions: Fourier vs. wavelets 66737
Krichevskii, V.V. *see* Batovrin, V.K. 107331
Krichtafovitch, I.A., Sinitsyna, I.Z. Multi-winding flyback converter theory, analysis, simulation 91618
Krider, E.P. *see* Jameson, A.R. 88703
Kriedl, H. *see* Haas, M. 109868
Kriedt, H. *see* Haas, M. 109575
Kriedt, H. *see* Klett, M. 109883
Krieg, R. *see* Werthner, H. 120343
Kriegel, R. *see* Ducke, E. 105711
Krieger, B. *see* Ludewigt, B. 80069
Krieger, B. *see* Ludewigt, B. 101032
Krieger, B. *see* Odyniec, G. 120158
Krieger, G., Zetzsche, C. Nonlinear image operators for the evaluation of local intrinsic dimensionality 77268
Krieger, J.W. *see* Carlson, C.G. 110858
Krieger, R. *see* Becker, B. 73239
Kriegman, D.J. *see* Belhumeur, P.N. 67224
Kriegman, D.J. *see* Belhumeur, P.N. 86393
Kriegman, D.J. *see* Vijayakumar, B. 86397
Kriegseis, W. *see* Burkhardt, W. 110976
Kriegsmann, G.A., McCartin, B.J. Scattering by a rectangularly corrugated surface: an approximate theory 97015
Krienen, F. *see* Bunce, G. 100643
Kriens, W. *see* Schmitz, M. 90079
Krier, A. *see* Mao, Y. 116254
Krier, P. *see* Mardia, H. 73667
Krietenstein, B., Ko, K., Lee, T., Becker, U., Weiland, T., Dohlus, M. Spurious oscillations in high power klystrons 94187
Krietenstein, B., Podebrad, O., Rienen, U.V., Weiland, T., Clock, H.-W., Hulsmann, P., Klein, H., Kurz, M., Peschke, C. The S-band 36-cell experiment 89661
Krietenstein, B. *see* Ko, K. 105049
Krieter, C. Total quality management versus business process reengineering: are academicians teaching what businesses are practicing? 92306
Kriezis, E.E., Pantelakis, P., Antonopoulos, C.S., Papagiannakis, A.G. Full vector beam propagation method for axially dependent 3-D structures 97273
Kriezis, E.E. *see* Kantartzis, N.V. 76535
Kriezis, E.E. *see* Pantelakis, P. 116965
Kriezis, E.E. *see* Theodoulidis, T.P. 76345
Kriezis, E.E. *see* Theodoulidis, T.P. 107776
Kriganovskii, V.V. *see* Grinchenko, V.T. 120374
Krijnen, G. *see* Schiek, R. 95730
Krijnen, G.J.M., Hoekstra, H.J.W.M., Stegeman, G.I., Torruellas, W. Cerenkov second-harmonic generation in the strong conversion limit: new effects 76190
Krijnen, G.J.M. *see* Haes, J. 76540
Krijntjes, K. *see* Sierens, C. 67950
Krikelis, A., Tawiah, T. An associative massively parallel processor for video processing 86574
Krile, T.F. *see* Mahendra, M. 94861
Krim, H., Forster, P. Projections on unstructured subspaces 117330
Krim, H., Viberg, M. Two decades of array signal processing research: the parametric approach 86285
Krim, H. *see* Fosgate, C.H. 119289
Krim, H. *see* Pesquet, J.-C. 97778
Krindach, D.P. *see* Angeluts, A.A. 96120
Kringhoi, P. *see* Ridgway, M.C. 74135
Kringhoj, P. *see* Jones, K.S. 74388
Kringhoj, P. *see* Nikolajsen, F. 105575
Krinichnaya, L.P. *see* Efimov, O.N. 112277
Krinsky, S. *see* Gluskin, E. 101000
Krinsky, S. *see* Murphy, J.B. 89851
Krinsky, S. *see* Randall, K.J. 89635
Krinsky, S. *see* Solomon, L. 96475
Krinsky, S. *see* Stefan, P.M. 100528
Kripesh, V., Bhatnagar, S.K., Osterwinter, H., Gust, W. Acceleration factors for thick film gold conductors on ceramic for temperature, humidity and bias testing 62497
Krisans, Z., Dale, V., Bockarjova, V. Power system mathematical modeling 120962
Krisch, A.D. *see* Caussyn, D.D. 119984
Krisch, A.D. *see* Crandell, D.A. 100780
Krisch, A.D. *see* Luppov, V.G. 120085
Krisch, A.N. *see* Phelps, R.A. 119990
Krisch, K.S., Bude, J.D., Manchanda, L. Gate capacitance attenuation in MOS devices with thin gate dielectrics 115215
Krisch, K.S., Green, M.L., Baumann, F.H., Brasen, D., Feldman, L.C., Manchanda, L. Thickness dependence of boron penetration through O_2- and N_2O-grown gate oxides and its impact on threshold voltage variation 63174
Krisch, M.H. *see* Verbeni, R. 110628
Krisch, S. *see* Goessling, C. 110549
Krisch, S. *see* Hartmann, R. 110541
Krisch, S. *see* Lechner, P. 110554
Krisch, S. *see* Soltau, H. 110553
Krishan, M. *see* Nolting, E. 69899
Krishen, K. *see* Fotedar, L.K. 120674
Krishen, K., Burnham, C. *(editors)* Proceedings of the Fourth International Conference and Exhibition: World Congress on Superconductivity (NASA Conf. Publ. 3290) 112701
Krishman, R. A novel converter topology for switched reluctance motor drives 121978
Krishna, A. *see* Bhagwat, P. 87799
Krishna, A. *see* LaMaire, R.O. 98763
Krishna, A.P. Land cover change dynamics of a Himalayan watershed utilizing Indian Remote Sensing satellite (IRS) data 120887
Krishna, C.M. *see* Bo Li 78953
Krishna, C.M. *see* Ganz, A. 109479
Krishna, C.M. *see* Singh, A.D. 84522
Krishna, C.M. *see* Yan, A. 78908
Krishna, C.M. *see* Yan, A. 87798
Krishna, G.Vijaya *see* Vijaya Krishna, G.
Krishna, K.Murali *see* Murali Krishna, K.
Krishna, K.Sri *see* Sri Krishna, K.
Krishna, P., Vaidya, N.H., Pradhan, D.K. Static and adaptive location management in mobile wireless networks 87663
Krishna, P. *see* Pradhan, D.K. 98666
Krishna, P.Murali *see* Murali Krishna, P.
Krishna, T. A novel bit cascadable 16×8 systolic truncated signed multiplier for signal processing 93472
Krishna, V., Ejnioui, A., Ranganathan, N. A tree matching chip 93497
Krishna Garg, H., Ko, C.C., Lin, K.Y., Liu, H. On algorithms for digital signal processing of sequences 97712
Krishna Garg Hari *see* Hari Krishna Garg
Krishna Gautam Jai *see* Jai Krishna Gautam
Krishna Mohan, R. *see* Jayanth, P. 96603
Krishna Murty, A.V., Anjanappa, M., Wu, Y. Vibration control of magnetostrictive composite beams 113557
Krishnagopal, S., Kumar, V. Three-dimensional study of the multi-cavity free-electron laser 107386
Krishnagopal, S., Kumar, V., Ramamurthi, S.S. Plans for a far-infrared free-electron laser in India 96459
Krishnakumar, A.S. ATM without strings: an overview of wireless ATM 99273
Krishnamachar, S. *see* Chellappa, R. 98329
Krishnamoorthy, A., Rajagopalan, V., Lakshmy, B. A finite capacity $G_{1,2}/M_{1,2}/1$ queue with Markov dependent shift in service 60801
Krishnamoorthy, A. *see* Ushakumari, P.V. 82374
Krishnamoorthy, A.V., Ford, J.E., Goossen, K.W., Walker, J.A., Lentine, A.L., Hui, S.P., Tseng, B., Chirovsky, L.M.F., Leibenguth, R., Kossives, D., Dahringer, D., D'Asaro, L.A., Kiamilev, F., Aplin, G.F., Rozier, R.G., Miller, D.A.B. Photonic page buffer based on GaAs multiple-quantum-well modulators bonded directly over active silicon complementary-metal oxide-semiconductor (CMOS) circuits 65002
Krishnamoorthy, A.V. *see* Ford, J.E. 95642
Krishnamoorthy, A.V. *see* Woodward, T.K. 78867
Krishnamoorthy, A.V. *see* Woodward, T.K. 85333
Krishnamoorthy, A.V. *see* Woodward, T.K. 88610
Krishnamoorthy, C.S., Ramesh, G., Dinesh, K.U. Post-buckling analysis of structures by three-parameter constrained solution techniques 72725
Krishnamoorthy, M. *see* Abramson, D. 82446
Krishnamoorthy, M. *see* Loy, J. 94135
Krishnamoorthy, M.S. *see* Jung, D.-M. 97885
Krishnamoorthy, P.A. *see* Shrinet, V. 81411
Krishnamoorthy, R., Bifano, T. MEMS arrays for deformable mirrors 74975
Krishnamoorthy, S., Hooper, D., Lachiusa, D., O'Brien, R. Digital video client (DVC): an implementation of the DSM-CC standard and video on demand services 119423
Krishnamoorthy, S., Khouja, A. Efficient power analysis of combinational circuits 113860
Krishnamoorthy, S. *see* Thakur, S. 83070
Krishnamoorthy, V. *see* Jones, K.S. 62680
Krishnamoorthy, V. *see* Peartona, S.J. 105271
Krishnamoorthy Sivakumar, Goutsias, J. Binary random fields, random closed sets, and morphological sampling 77258
Krishnamraju, G. *see* Nataraja Murthy, S. 68330
Krishnamurthi, K., Harrison, R.G. Millimetre-wave frequency tripling using stacked heterostructure-barrier varactors on InP 104837
Krishnamurthi, K., Harrison, R.G., Rogers, C., Ovey, J., Nilsen, S.M., Missous, M. Stacked heterostructure barrier varactors on InP for millimeter wave triplers 62242
Krishnamurthi, V., Bailey, B., Lanni, F. Image processing in 3-D standing-wave fluorescence microscopy 98282
Krishnamurthy, A., Little, T.D.C., Castanon, D. A pricing policy for scalable VOD applications 119422
Krishnamurthy, E., Adhavenprakash, K. Brain imaging in psychiatry 120319
Krishnamurthy, K.A. *see* Venkatesha, M.K. 81550
Krishnamurthy, M., Bi-Ke Yang, Weber, W.H. Microstructural development and optical properties of epitaxial $Ge_{1-x}C_x$ alloys on Si(100) 114676
Krishnamurthy, M., Drucker, J.S. Microstructural evolution during epitaxial growth of Ag on vicinal InP(100) surfaces 82614
Krishnamurthy, M.V. *see* Nageswara Rao, K. 73852
Krishnamurthy, P. *see* Balaji, E. 113952
Krishnamurthy, R.S. *see* Sherali, H.D. 82486
Krishnamurthy, S. *see* Ariel, V. 110369
Krishnamurthy, V., Logothetis, A. Hidden Markov model signal processing for errors-in-variables communication channels 77003
Krishnamurthy, V. *see* Sturtevant, J. 105821
Krishnamurty, M. *see* Sripada, S. 75025
Krishnan, A., Ahuja, N. Obtaining focused images using a non-frontal imaging camera 77146
Krishnan, A., Ahuja, N. Panoramic image acquisition 86404
Krishnan, A. *see* Geyling, F. 114944
Krishnan, A. *see* Kamat, V. 97912
Krishnan, A. *see* Kumar, N. 89367
Krishnan, A.S.A. *see* Chakravarti, A.K. 92100
Krishnan, C.N. *see* Vaidehi, V. 68685
Krishnan, J. *see* Smith, C.G. 107039
Krishnan, J. *see* Zeitoun, Ph. 75781
Krishnan, K.M. *see* Farrow, R.F.C. 106576
Krishnan, K.M. *see* Nguyen, T.D. 64473
Krishnan, K.R., Meempat, G. Traffic engineering for VBR video with long-range dependence 108920
Krishnan, K.R.R. *see* Gelenbe, E. 120308
Krishnan, M., Neophytou, C.P., Prescott, G. Wavelet transform speech recognition using vector quantization, dynamic time warping and artificial neural networks 97619
Krishnan, M. *see* Gupta, G. 88003
Krishnan, R., Atanasov, P., Wilkins, E. Mathematical modeling of an amperometric enzyme electrode based on a porous matrix of Stober glass beads 79584
Krishnan, R., Lee, S., Monajemy, R. Modeling, dynamic simulation and analysis of a C-dump brushless DC motor drive 71754
Krishnan, R. *see* Contreras, M.C. 64371
Krishnan, R. *see* Diamantidis, D. 71756
Krishnan, R. *see* Gelenbe, E. 110801
Krishnan, R. *see* Guyot, M. 95358
Krishnan, R. *see* Schweitzer, H. 86391
Krishnan, S., D'Couto, G.C., Chaudhry, M.I., Babu, S.V. Excimer laser-induced doping of crystalline silicon carbide films 74524
Krishnan, S., Hallet, B., Schell, J., Webb, T.R., Shian, J., Loewenhardt, P.K., Ma, D.X. Plasma damage characterization of the Decoupled Plasma Source (DPS) reactor 105673
Krishnan, S., Nag, S. Assessment of charge-induced damage from high density plasma (HDP) oxide deposition 105639
Krishnan, S., Samudravijaya, K., Rao, P.V.S. Feature selection for pattern classification with Gaussian mixture models: a new objective criterion 86947
Krishnan, S. *see* Pelella, M.M. 63660
Krishnan, T. *see* Vhasure, S. 112474
Krishnan, V. Managing the simultaneous execution of coupled phases in concurrent product development 60538
Krishnan Subramoniam *see* Bernadas, S. 79200
Krishnankutty, S. *see* Asif Khan, M. 75936
Krishnankutty, S. *see* Casey, H.C., Jr. 64976
Krishnankutty, S. *see* Yuan, C. 61205
Krishnankutty, S. *see* Yuan, C. 104063
Krishnapuram, R. *see* Frigui, H. 67097
Krishnapuram, R. *see* Frigui, H. 86428
Krishnapuram, R. *see* Frigui, H. 117701
Krishnapuram, R. *see* Kuncheva, L.I. 60808
Krishnapuram, R. *see* Nasraoui, O. 97959
Krishnaraj, P.K. *see* Prorok, B.C. 95432
Krishnaswami, V., Guan Chun-Luh, Rizzoni, G. Diagnosis of exhaust emissions control systems during the EPA tailpipe inspection program 103516
Krishnaswami, V., Rizzoni, G. Nonlinear parity equation residual generation for fault detection and isolation 103506
Krishnaswamy, J., Lehrman, I.S., Hartley, R., Austin, R.H. Electron transport and emittance diagnostics in CIRFEL 76058
Krishnaswamy, J., Lehrman, I.S., Hartley, R.A., Reusch, M.F., Todd, A.M.M., Austin, R.H., Feldman, D. Beam diagnostics and modeling in CIRFEL 96493
Krishnaswamy, J. *see* Hartley, R. 96455
Krishnaswamy, J. *see* Lehrman, I.S. 76064
Krishnaswamy, K.R. *see* Thomas, P. 64158
Krishnaswamy, M.C., Ramanjaneyulu, M., Gupta, J., Surya Prasad, G. Low phase-noise exciter for coherent multifunction radar 70606
Krishnaswamy, S. *see* Dorighi, J. 110185
Krishnaswamy, S. *see* Dorighi, J.F. 80699
Krishnaswamy, V., Thuel, S.R. Multimedia bridging: a structured view 87937
Krishnomurthy, P.V., Leib, H. Performance of DPSK commutation signalling with RAKE receivers in multipath channels 99075
Krispin, H.J. *see* Schmidt, J.T. 121188
Kriss, M.A. Image quality requirements for a multimedia environment 87928
Krist, J. Simulation of HST PSFs using Tiny Tim 77091
Krist, K., Wright, J.D., Romero, C. Manufacturing costs for planar solid oxide fuel cells 81749
Kristen, G. *see* Schimpe, R. 78656
Kristensen, I.K., Moller, S. Thermal recovery of photocurrent in GaAs with EL2 defects and residual acceptors 95951

Kristensen, M. *see* Hubner, J. 95791
Kristensen, M. *see* Sejka, M. 78670
Kristensson, G. *see* Bernekorn, P. 116982
Kristiansen, M. *see* Crawford, M. 62590
Kristiansen, M. *see* Engel, T.G. 62651
Kristofik, J. *see* Hubik, P. 74272
Kristofik, J. *see* Oswald, J. 94310
Kristol, D.M. *see* Lee, D. 67582
Kristovich, S.A.R. A real time data collection system for problem solving protocols 87452
Kristya, V.I. *see* Aitov, R.D. 104993
Krithivas, V. A reticle retrofit and dosimetric consideration for a linear accelerator 69594
Kritikos, H.N. *see* Holland, R.G. 78977
Kritpiphat, W. *see* Tontiwachwuthikul, P. 111781
Kritskii, S.A. *see* Kagan, M.B. 81870
Kritsky, S.V., Bakhrakh, L., Novosartov, M.T. Fundamental constraints on sidelobe in AWACS-type slotted waveguide array: paradoxical effect 70601
Kritzman, A. *see* Bromberg, A. 110233
Krivan, F. *see* Ban, J. 69810
Krivchenkov, Y. *see* Bondarchuk, E. 95588
Krivchenkov, Y. *see* Bykov, V. 96995
Krivchenkov, Yu., Stoner, J., Stepanov, B. Detailed finite element analysis of the winding pack of a cased ITER toroidal field coil 95582
Krivchikov, V.P. *see* Tur, Yu.D. 89603
Krivilev, V.N. *see* Mingalev, V.S. 116911
Krivine, J.-P., Tache, O., Eyrolles, P., Perrot, L. The AUSTRAL expert system for alarm processing and power restoration on distribution systems 102098
Krivitskii, A.M. *see* Konkin, S.V. 85375
Krivka, I., Kuzel, R., Prokes, J., Stejskal, J., Nespurek, S., Kratochvil, P. Conducting polymers based on polyaniline and their perspectives in microelectronics 72970
Krivobodrov, V. Localization of acoustic emission in the fracture of fiber composites 61482
Krivobodrov, V.S. Localization of acoustic emission at fracture of fibre composites 113621
Krivocheev, M.I. World Vision 2000. A proposed worldwide forum on the emerging television environment 109856
Krivokapic, I. *see* Osmokrovic, P. 110012
Krivolapov, S.Y. *see* Tyoskin, O.I. 82343
Krivonos, O.V. *see* Tuzikov, A.V. 77365
Krivonozhkin, S.N. *see* Gaikovich, K.P. 107892
Krivoruchko, V.O. *see* Bulavskii, D.V. 115284
Krivoseev, O.E. *see* Nurushev, S.B. 119992
Krivoshchekov, V.A. *see* Dedov, O.V. 95950
Krivutsa, V.A. *see* Romanov, V.I. 102487
Krivykh, A.V. *see* Keilin, V.E. 103042
Kriz, D., Kempe, M., Mosbach, K. Introduction of molecularly imprinted polymers as recognition elements in conductometric chemical sensors 119753
Krizaj, D., Amon, S. Analysis of the field-plate structure breakdown voltage in the junction curvature region 74624
Krizaj, D., Amon, S., Charitat, G. Diffused spiral junction termination structure: modeling and realization 105831
Krizaj, D., Charitat, G., Amon, S. A new analytical model for determination of breakdown voltage of Resurf structures 94900
Krizaj, D. *see* Athanas, T. 73091
Krizan, P., Korpar, S., Stari, M., Stanovnik, A., Cindro, M., Skrk, D., Zavrtanik, M., Mocnik, G., Michel, E., Weyers, P., Schmidt-Parzefall, W., Hamacher, T., Schwitters, R. Design of a RICH detector for the HERA-B experiment 100843
Krizan, P., Korpar, S., Staric, M., Stanovnik, A., Cindro, M., Mocnik, G., Skrk, D., Zavrtanik, M., Bulla, A., Michel, E., Weyers, P., Schmidt-Parzefall, W., Hamacher, T., Schwitters, R. The RICH detector for HERA-B 69746
Krizan, P., Korpar, S., Staric, M., Stanovnik, A., Cindro, M., Skrk, D., Zavrtanik, M., Hamacher, T., Michel, E. Tests of a large area MWPC with a CsI photocathode 69125
Krizan, P., Staric, M. The optimal detector surface of a fixed target RICH with a tilted mirror 120198
Krizan, P. *see* Hamacher, T. 69745
Krizanc, D. *see* Dolev, S. 87364
Krizanc, D. *see* Kranakis, E. 98704
Krizmanic, J., Spangler, J., Newman, D., Orndorff, J. A 1060 nm diode laser system for dynamically probing silicon detectors 90167
Krjukov, S.N., Pavlova, V.A., Semenkova, T.O. Self organized neural network approach to color image separation 66906
Krkic, M., Roberts, S.J., Rezek, I., Jordan, C. EEG-based assessment of anaesthetic depth using neural networks 70171
Krmar, M., Slivka, J., Bikit, I., Veskovic, M., Conkic, L. Evaluation of bremsstrahlung spectra generated by a 4-MeV linear accelerator 80445
Kroc, T. *see* Johnstone, C. 79799
Kroeger, D.M. *see* List, F.A. 119545
Kroeger, R.A. *see* Inderhees, S.E. 80073
Kroeger, R.A. *see* Inderhees, S.E. 101022
Kroeger, R.A. *see* Phlips, B.F. 90123
Kroeger, R.A. *see* Phlips, B.F. 101023
Kroeger, W. *see* Borys, M. 69489
Kroeger, W. *see* Dubbs, T. 80026
Kroeger, W. *see* Dubbs, T. 100839
Kroeger, W. *see* Dubbs, T. 100849
Kroeger, W. *see* Unno, Y. 80035
Kroeger, W. *see* Unno, Y. 100858
Kroell, T., Peter, I., Elze, T.W., Gerl, J., Happ, T., Kaspar, M., Schaffner, H., Schremmer, S., Schubert, R., Vetter, K., Wollersheim, H.J. Analysis of simulated and measured pulse shapes of closed-ended HPGe detectors 69764
Kroemer, H. *see* Blank, H.-R. 113286
Kroemer, H. *see* Brar, B. 62282
Kroemer, H. *see* Gauer, C. 62842
Kroemer, H. *see* Gauer, C. 105401
Kroemer, H. *see* Koester, S.J. 74421
Kroemer, H. *see* Thomas, M. 106691
Kroemer, H. *see* Yuh, E.L. 105371
Kroes, D. *see* Spallas, J.P. 119658
Kroes, F., de Groen, P., Heine, E., Heutenik, B., Kruijer, A., Munneke, B., Pirovano, R., Sluijk, T., Verkooyen, J. A 476 MHz RF system for the storage mode of the AmPS ring 100476
Kroes, F. *see* Luijckx, G. 79917
Kroes, F. *see* Noomen, J.G. 100546
Kroese, D.P., Schmidt, V. Light-traffic analysis for queues with spatially distributed arrivals 72439
Kroesen, P.L. *see* Kowaleski, J.A., Jr. 73440
Kroeze, J. *see* Renger, T. 118207
Krofcheck, D. *see* Odyniec, G. 120158
Krofcheck, D. *see* Walton, J.T. 110556
Krofli, R.A., Kelly, R.D. Meteorological research applications of MM-wave radar 90779
Krog, J.P. *see* Branebjerg, J. 74964
Krogh, B.H. *see* Knight, T.J. 61419
Krogh, F. *see* Bridgwood, I. 72114
Krogh, M. *see* Sampayan, S. 89780
Krogmeier, J.V., Arun, K.S. On the recursive computation of interpolators with nonrectangular masks 66807
Krogmeier, J.V. *see* Wai Ying Kan 87204
Kroh, R. *see* Diehl, N. 98778
Kroha, H. *see* Abt, I. 80025
Kroha, H. *see* Abt, I. 100825
Kroha, H. *see* Blum, W. 80038
Kroha, H. *see* Blum, W. 100844
Kroha, H. *see* Blum, W. 110148
Krokhin, O.V. *see* Martynova, O.I. 121354
Krol, A., Bassano, D.A., Chamberlain, C.C., Prasad, S.C. Scatter reduction in mammography with air gap 90484
Krol, M. *see* Kornreich, P. 85005
Krol, M. *see* Teegarden, K.J. 116409
Krol, M.F., Hayduk, M.J., Johns, S.T., Teegarden, K., Wicks, G. Nonlinear optical properties of semiconductor quantum well structures near 1.55 μm 116408
Krol, M.F., Hulick, K.E., Hayduk, M.J. Electrooptic (Ga,In)As/(Al,In)As coupled quantum well materials and devices 114729
Krol, M.F. *see* Hayduk, M.J. 114730
Krol, M.F. *see* Ten, S. 64794
Krol, P. *see* Cho, C.P. 81489
Krol, R.J. *see* ter Brugge, M.H. 108512
Krol, S. *see* Larsson, L. 108597
Krol, W.P., Jr., Cho, C.P. High energy density permanent magnetic motors for underwater systems 91897
Krolak, M. *see* Galkiewicz, T. 81515
Krolewski, J.G. *see* Cushing, M.J. 80744
Krolik, J.L. The performance of matched-field beamformers with Mediterranean vertical array data 119326
Krolikowski, W. Coherence effects in a photorefractive ring oscillator 96569
Krolikowski, W., Akhmediev, N., Luther-Davies, B. Multimode structure of bright and dark vector solitons in photorefractive media 76184
Krolikowski, W., Kivshar, Y.S. Soliton-based optical switching in waveguide arrays 65491
Krolikowski, W., Wenqian Yu, Luther-Davies, B., Webster, M., Austin, M. Wave mixing and refractive index gratings in photorefractive waveguides 116720
Krolikowski, W. *see* Akhmediev, N. 116727
Kroll, A.M. *see* Voropai, N.I. 101834
Kroll, E. *see* Boks, C.B. 79152
Kroll, E.C. *see* Zhang, X.X. 75162
Kroll, J.M., Phamdo, N. Bit repetitive trellis coded modulation for the Rayleigh fading channel 66538
Kroll, J.M., Phamdo, N. Bit repetitive trellis coded modulation for the Rayleigh fading channel 117133
Kroll, N. *see* Ko, K. 89759
Kroll, N.M., Ng, C.-K., Judkins, J., Neubauer, M. Design of traveling wave windows for the PEP-II RF coupling network 100665
Kroll, N.M. *see* Jones, R.M. 89920
Kroll, N.M. *see* Lin, X.E. 100688
Kroll, S. *see* Elman, U. 106770
Kroll, U. *see* Torres, P. 105094
Kroll, W. *see* Thompson, A.G. 92761
Kroll, W. *see* Yuan, C. 61205
Kroll, W. *see* Yuan, C. 104063
Krolopp, W.Z., Miskowicz, J., Wojcik, W. Mathematical models of basic elements in an electro-optical system designed for sparkless feeding of small-power receivers with electrical energy 85091
Kroman, G. Thermal management of a C4/CBGA interconnect technology for a high-performance RISC microprocessor: the Motorola PowerPC 620™ microprocessor 113994
Kromann, G.B. Thermal management of a C4/ceramic-ball-grid array: the Motorola PowerPC 603™ and PowerPC 604™ RISC microprocessors 104600
Kromann, G.B. *see* Parry, J. 113993
Kromat, O., Langmann, U., Hanke, G., Hillery, W.J. A 10 Gb/s silicon bipolar IC for PRBS testing 76747
Krome, J.W., Wallaschek, J. Finite element models for the piezoelectric actuation in ultrasonic traveling wave motors 91577
Krome, J.W., Wallaschek, J. Influence of the piezoelectric actuator on the vibrations of the stator of a traveling wave motor 112019
Kromka, A. Atomic force microscope study of SiC growth on (111) silicon 104118
Kron, T., Ostwald, P.M., Hamilton, C.S., Denham, J.W. TLD extrapolation measurements for entrance and exit dose in radiotherapy 120578
Kron, T. *see* Mukherjee, B. 120564
Kron, T. *see* Ostwald, P.M. 120577
Kronberg, M., Kleineberg, T. Nonlinear inductive component modeling in power electronics 104319
Kronberger, H. Low pressure hydride anode materials for rechargeable batteries 121852
Kronenberg, S., Brucker, G.J., Bechtel, E., Gentner, F. Directional detector for arrays of gamma ray and X-ray sources 120239
Kroner, A., Marquardt, W., Gilles, E.D. Getting around consistent initialization of DAE systems? 113255
Kroner, H. A general fluid flow model for an ATM multiplexer: Second order characteristics of the arrival and loss processes 98393
Kroner, H. *see* Enssle, J. 118523
Kronestedt, F. *see* Forssen, U. 68233
Kronfeldt, H.-D. *see* Waschull, J. 70526
Krongauz, Y., Belytschko, T. Enforcement of essential boundary conditions in meshless approximations using finite elements 72591
Kronik, L. *see* Gal, D. 105135
Kronik, L. *see* Leibovitch, M. 75684
Kronik, L. *see* Leibovitch, M. 114712
Kronik, L. *see* Moons, E. 121882
Kroning, M., Schmitz, V. The goals of modeling [in reactor materials inspection] 113580
Kronkvist, I. *see* Alvsvaag, S.J. 90124
Kronlof, K. *see* Estola, K.-P. 99147
Kronmuller, H., Fischer, R., Seeger, M., Zern, A. Micromagnetism and microstructure of hard magnetic materials 106510
Kronmuller, H. *see* Bauer, J. 95383
Kronmuller, H. *see* Kisker, H. 64290
Kronmuller, H. *see* Schuster, T. 106674
Kroo, N. *see* Csonka, P.L. 100640
Kroon, A.P.de *see* de Kroon, A.P.
Kroon, P. *see* Kataoka, A. 68294
Kroon, P.J. *see* Yamamoto, R.M. 90187
Kroon, S.de *see* de Kroon, S.
Krooshoop, E.J.G. *see* Shevchenko, O.A. 95538
Kropacz, W. Switched circuits synthesis: phase-controlled resonant converters 102881
Kropf, P. *see* McGill, S. 120432
Kropf, P.G. *see* Volken, W. 90596
Kropf, R. *see* Egger, P. 115268
Kropf, T. *see* Frossl, J. 73030
Kropman, D., Dolgov, S., Kaerner, T. On the kinetics of the generation of point defects in the Si-SiO$_2$ system 62686
Kroposki, B., Mrig, L., Whitaker, C., Newmiller, J. Development of a photovoltaic module energy ratings methodology 112382
Kroposki, B. *see* Mrig, L. 112354
Kropp, H. *see* Schwiegershausen, M. 113870
Kropp, J.-R. *see* Melchior, L. 116045
Krose, B.J.A. *see* Schram, G. 98170
Kross, E.J., Sicuranza, M.A. Commercial-Components Initiative: Ground Benign Systems–plastic encapsulated microcircuits 90908
Krost, A. *see* Heinrichsdorff, F. 72756
Krost, A. *see* Kappelt, M. 72806
Krot, A.M., Minervina, E.B. An efficient procedure for the restoration of signals and images on the basis of a fast algorithm of convolution inversion 108638
Krot, A.M. *see* Kas'ko, A.T. 86267
Kroth, U. *see* Lau-Frambs, A. 89083
Krotkiewicz, M. Method of pattern recognizing on the basis of examining shapes of edge lines of objects 98259
Krotkus, A., Marcinkevicius, S., Jagadish, C., Kaminska, M. Femtosecond electron relaxation in non-stoichiometric GaAs and InGaAs 74250
Krotkus, A. *see* Grigoras, K. 94301
Krotkus, A. *see* Tan, H.H. 64993
Krotov, L.N., Shleenkov, A.S., Mel`nik, R.S., Shcherbinin, S.V. Computer modeling of magnetic fields of defects. The two-dimensional problem 113581
Krotz, G., Wagner, Ch., Legner, W., Sonntag, H., Moller, H., Muller, G. Micromachining applications of heteroepitaxially grown β-SiC layers on silicon 104057
Krotz, G. *see* Moller, H. 105585
Kroupa, M.A. *see* Szymanski, J.J. 110589
Kroupennikov, A.A. *see* Senatskiy, Yu.V. 96159
Kroutil, J.E. *see* Stott, D.D. 90688
Kroutilin, V.N. *see* Khatountsev, A.I. 100096
Krowne, C.M. 3D dyadic Green's function for radially inhomogeneous circular ferrite circulator 84842

Krowne, C.M., Neidert, R.E. Inhomogeneous ferrite microstrip circulator: theory and numerical calculations using a recursive Green's function 93739
Krozer, V., Schussler, M., Fricke, K., Lee, W.-Y., Stolte, N., Brand, M., Hartnagel, H.L. High temperature microwave modelling and circuit design with MESFETs and HBTs 83526
Krozer, V. *see* Brandt, M. 115118
Krozer, V. *see* Dehe, A. 88997
Krozer, V. *see* Dehe, A. 89018
Krozer, V. *see* Schussler, M. 61309
Krozer, V. *see* Schussler, M. 83393
Krozer, V. *see* Schussler, M. 113047
Krrumbuegel, M. *see* Trebino, R. 69541
Krska, C.M. *see* Iman, R.L. 73856
Krsmanovic, L. *see* Gajic, A. 111821
Krstic, A., Kwang-Ting Cheng Resynthesis of combinational circuits for path count reduction and for path delay fault testability 73238
Kruangam, D. *see* Boonkosum, W. 96037
Kruchten, P., Thompson, C.J. Iterative software development for large Ada programs 111070
Kruck, P. *see* Fromherz, T. 74431
Kruck, P. *see* Fromherz, T. 116209
Kruckemyer, D. *see* Montanaro, J. 73430
Krueger, D.A. *see* Chen, H. 101553
Krueger, G. *see* Heyder, R. 94654
Krueger, G. *see* Kubsky, S. 100756
Krueger, J. *see* Ruvimov, S. 94338
Krueger, M., Arens-Fischer, R., Thoenissen, M., Muender, H., Berger, M.G., Lueth, H., Hilbrich, S., Theiss, W. Formation of porous silicon on patterned substrates 94804
Krueger, M. *see* Hanlon, A. 62481
Krueger, M. *see* Thoenissen, M. 94246
Kruehler, W. *see* Pauli, M. 92776
Kruehler, W. *see* Reindl, T. 94597
Krug, E. *see* Haas, M. 109868
Krug, E. *see* Klett, M. 109883
Krug, P.A., Chow, J., Eggleton, B.J., Hill, P., Ibsen, M., Ouellette, F., Stephens, T., Town, G. Applications for fiber Bragg gratings in communications 78701
Krug, P.A. *see* Egan, R.J. 75442
Krug, P.A. *see* Eggleton, B.J. 75458
Krug, P.A. *see* Eggleton, B.J. 85032
Krug, P.A. *see* Eggleton, B.J. 99555
Krug, P.A. *see* Galvanauskas, A. 95675
Krug, P.A. *see* Hunter, D.B. 75669
Krug, P.A. *see* Inglis, H.G. 75457
Krug, P.A. *see* Ouellette, F. 78762
Krug, P.A. *see* Ouellette, F. 105754
Krug, P.A. *see* Stephens, T. 99550
Kruge, R.A. *see* Yun Liang 120392
Kruger, B., Armbrecht, T., Friese, T., Tierock, B., Wagemann, H.G. The Shockley-Haynes experiment applied to MOS structures 74500
Kruger, B., Ringhandt, A., Wagemann, H.-G. The mobility of minority carriers within the surface region of MOS devices 84020
Kruger, C.H. *see* Wahl, E.H. 72929
Kruger, D. *see* Nilsson, S. 114757
Kruger, D. *see* Richter, H.H. 63325
Kruger, D. *see* Weidner, G. 105656
Kruger, D. *see* Zeindl, H.P. 114733
Kruger, J. Reduction in volume of pollutants in a refuse incineration plant by the use of steam in the ultrasonic area in the furnace 71123
Kruger, J. *see* Adam, W. 79249
Kruger, J. *see* Adam, W. 118639
Kruger, J. *see* Schanzer, G. 120599
Kruger, J. *see* Wetzel, C. 62704
Kruger, K. *see* Braun, R.P. 88236
Kruger, K. *see* Kruger, U. 68462
Kruger, K. *see* Von Helmolt, C.H. 78823
Kruger, K. *see* Von Helmolt, C.H. 78873
Kruger, M. *see* Thonissen, M. 105652
Kruger, N. *see* Potszch, M. 77246
Kruger, O. *see* Brown, N. 88900
Kruger, U., Kruger, K., von Helmolt, C., Pawlowski, E., Depovere, G.F.G., Witlox, R.G.J.J., van Gils, R.A.J.C.M. Decentralized frequency stabilization scheme for a dense OFDM system involving simple filters and an absolute reference 68462
Kruger, U. *see* Braun, R.P. 88236
Kruger, U. *see* Von Helmolt, C.H. 78823
Kruger, U. *see* Von Helmolt, C.H. 78873
Krugger, B., Friese, T., El-Ratel, F., Sharabati, W., Wagemann, H.G. Minority carrier behavior in silicon: measurement results derived from the Shockley-Haynes experiment 84000
Kruglick, E. *see* Miller, L.M. 79361
Kruglick, E.J.J., Damle, S., Pister, K.S.J. Three-dimensional structures for micro-optical mechanical systems in standard CMOS 74979
Kruglick, E.J.J. *see* Chang, F.I. 74976
Kruglov, V.S., Chernoplekov, N.A., Voronkov, S.A., Komarov, A.O., Bashchenko, A.P., Soshnikov, V.I. Production of long high-current HTSC wires by gas extrusion of amorphisized castings 72963
Kruglov, V.S. *see* Nikulin, A.D. 95410
Kruif, R.C.M.de *see* de Kruif, R.C.M.
Kruijer, A. *see* Kroes, F. 100476
Kruijshoop, A. *see* Coulson, D. 75466
Kruiskamp, W., Leenaerts, D. Behavioral and macro modeling using piecewise linear techniques 62060
Kruiskamp, W. *see* Donnay, S. 62061
Kruit, P., Jiang, X.R. Influence of Coulomb interactions on choice of magnification, aperture size, and source brightness in a two lens focused ion beam column 85802
Kruit, P. *see* Fransen, M.J. 73966
Krukovskii, S.I. *see* Semenova, G.N. 103887
Krukovsky, I.M. *see* Adamenkov, A.A. 116321
Krukowski, A., Cain, G.D., Kale, I. Custom designed high-order frequency transformations for IIR filters 86200
Krull, R. How the brain acts on technical information 112780
Krull, W.A. *see* Anc, M.J. 63223
Krum, A. Determination of package pin current ratings 83574
Krum, D.P. *see* Shetty, S. 70205
Krumbuegel, M.A. *see* Richman, B.A. 96725
Krumbugel, M.A., Fittinghoff, D.N., DeLong, K.W., Sweetser, J.N., Trebino, R. Wavelet noise reduction for frequency-resolved-optical-gating measurements of ultrashort laser pulses 100353
Krumbugel, M.A., Fittinghoff, D.N., Delong, K.W., Trebino, R. Direct ultrashort-pulse retrieval in frequency-resolved optical gating using wavelets and a neural network 96599
Krumbugel, M.A. *see* Fittinghoff, D.N. 79739
Krumbugel, M.A *see* Tsang, T. 110416
Krumholz, M., Russer, P. On the foundation of the transmission line matrix (TLM) method 97208
Krumins, A., Chen, Z., Ishii, M., Shiosaki, T., Kawabata, A. Optical bistability in PLZT ceramics due to thermal focusing 107568
Krumins, A., Chen, Z., Shiosaki, T. The coupling gain for different photorefractive materials with counterpropagating beams 116762
Krumm, J. Eigenfeatures for planar pose measurement of partially occluded objects 86370
Krumm, J. *see* Baumgarten, U. 78092
Krumm, J. *see* Heckman, T. 69970
Krumm, M. *see* Ahrens, T. 113041
Krumm, M. *see* Gregoris, G. 112862
Krummen, B. *see* Tabara, D. 91676
Krummenacher, F. *see* Grigorie, M. 119606
Krummenacher, F. *see* Reimann, T. 62049
Krummenacher, F. *see* van Ruymbeke, G. 104685
Krummer, R. *see* Reimann, T. 115186
Krummrich, P. *see* Cremer, C. 78648
Krummrich, P. *see* Gottwald, E. 119203
Krump, R. *see* Ferreira, S.O. 75762
Krumpholz, M., Winful, H.G., Katehi, L.P.B. MRTD modeling of nonlinear pulse propagation 85003
Krumpholz, M. *see* Robertson, R. 97248
Krumpholz, M. *see* Tentzeris, E. 85916
Krumpholz, M. *see* Tentzeris, E. 107974
Krunz, M., Sass, R., Hughes, H. Study of VBR MPEG-coded video traffic and associated multiplexing performance 77077
Krupa, R. *see* Hochschild, G. 111191
Krupanidhi, S.B. *see* Auciello, O. 92933
Krupanidhi, S.B. *see* Modak, P. 104002
Krupczak, B., Ammar, M., Calvert, K. Multi-subsystem protocol architectures: motivation and experience with an adapter-based approach 87800
Krupczak, B., Hultquist, S. Managing the InteropNet 77851
Krupenin, V.A. *see* Zorin, A.B. 74776
Krupka, J., Blondy, P., Cros, D., Guillon, P., Geyer, R.G. Whispering-gallery modes and permeability tensor measurements in magnetized ferrite resonators 95386
Krupka, J., Geyer, R.G. Complex permeability of demagnetized microwave ferrites near and above gyromagnetic resonance 64328
Krupka, R. *see* Ristau, D. 107433
Krupke, W.F. *see* DeLoach, L.D. 65346
Krupke, W.F. *see* Marshall, C.D. 85427
Krupke, W.F. *see* Page, R.H. 65166
Krupke, W.F. *see* Payne, S.A. 85425
Krupke, W.F. *see* Velsko, S.P. 96680
Krupnikov, K.K., Mileev, V.N., Novikov, L.S. A mathematical model of spacecraft charging ('Coulomb' tool) 120581
Krupnov, A.F. *see* Dryagin, Y.A. 110344
Krupnov, F.A. *see* Bocquet, R. 75800
Kruppa, W., Boos, J.B., Bennett, B.R., Goldenberg, M. Traps and the kink effect in AlSb/InAs HEMTs 104826
Kruppa, W. *see* Boos, J.B. 95071
Kruppa, W. *see* Boos, J.B. 106061
Kruppa, W. *see* Valsaraj, N. 63610
Krupski, J. *see* Gonzalez, L.R. 114649
Krus, D.J. *see* Dilmanian, F.A. 90434
Krusche, B. *see* Novotny, R. 80047
Krusche, B. *see* Novotny, R. 100842
Kruschke, O., Wernicke, G. Holographic interferometric microscope optimized by conjugate reconstruction 85750
Kruse, B., Gustavson, S. Rendering of color on scattering media 108540
Kruse, E., Gutsche, R., Wahl, F.M. Efficient, iterative, sensor based 3-D map building using rating functions in configuration space 76954
Kruse, H. *see* Bowers, R.L. 81600
Kruse, H. *see* Koenen, M. 100875
Kruse, J. *see* Feng, M. 93697
Kruse, J. *see* Feng Gao 73740
Kruse, J.W. *see* Feng, M. 63788
Kruse, P.W. Uncooled IR focal plane arrays 69297
Kruse, P.W. *see* Wood, R.A. 69304
Kruse, R. *see* Gebhardt, J. 92423
Kruse, S., Kauff, P. Fine segmentation of image objects by means of active contour models using information derived from morphological transformations 86531
Krushelnick, K. *see* Ting, A. 96478
Krusius, J.P. *see* Cao, L. 112926
Krusius, J.P. *see* Sutherland, J. 116289
Krusius, J.P. *see* VanDerVoorn, P.J. 94957
Krusius, J.P. *see* Yuen-Shung Chieh 63461
Krusius, J.P. *see* Yuen-Shung Chieh 84222
Krusor, B.S. *see* Gotz, W. 83833
Krussel, A. *see* Moser, H.O. 79772
Kruszewski, J. *see* Beblowska, M. 100074
Krutikhin, S. *see* Veshcherevich, V. 100509
Krutko, A.P. *see* Gudkov, A.L. 110346
Krut'ko, N.P. *see* Ulyanova, T.M. 115415
Krut'ko, O.B. *see* Kailyuk, A.G. 107364
Krutsch, M.C. *see* Green, E.J. 80714
Kruusing, A., Mikli, V. Flow sensing and pumping using flexible permanent magnet beams 88977
Kryazhev, A.S., Potylitsyn, E.A. Device for the preparation of fiber waveguide end faces 75483
Kryazhev, A.S. *see* Bondareva, T.I. 75451
Krycuk, A. *see* Crawford, K. 100624
Kryder, M.H. Ultrahigh density optical recording technology 95666
Kryder, M.H. Ultrahigh density optical recording technology 116008
Kryder, M.H., Messner, W., Carley, L.R. Approaches to 10 Gbit/in.^{2} recording 64421
Kryder, M.H. *see* Chakraborty, A. 64260
Kryder, M.H. *see* Chen, Y.J. 64330
Kryder, M.H. *see* Devasahayam, A.J. 115635
Kryder, M.H. *see* Jayasekara, W.P. 75250
Kryder, M.H. *see* Jayasekara, W.P. 115666
Kryder, M.H. *see* Leal, J.L. 115634
Kryder, M.H. *see* Lixin Jia 115495
Kryder, M.H. *see* Ozgunes, I. 85149
Kryder, M.H. *see* Snyder, J.E. 64331
Kryder, M.H. *see* Sui, X. 106570
Kryder, M.H. *see* Xue, S. 115616
Kryder, M.H. *see* Yingjian Chen 84808
Kryder, M.H. *see* Yingjian Chen 115584
Krygier, J. Rational and energy saving operation of induction squirrel-cage motors 71302
Krygowski, T. *see* Rohatgi, A. 112346
Krykin, I.N. *see* Ol'khovskii, G.G. 102466
Krylov, V., Kalintsev, A., Rebane, A., Erni, D., Wild, U. Second, third and fourth harmonic generation of amplified femtosecond Ti:sapphire laser pulses 96228
Krylov, V.N. *see* Rebane, A.K. 65523
Krylov, V.P., Skryuchenkov, L.M. Resonator cell for measuring the temperature dependence of microwave permittivity at temperatures up to 1200°C 110323
Krylov, Y. *see* Valentinov, A. 89926
Krymov, V.S. *see* Romanenko, A.F. 109828
Krymsky, A. *see* Meynants, G. 98272
Krysa, A.B. *see* Basov, N.G. 94206
Krysa, A.B. *see* Kozlovsky, V.I. 75951
Kryshtab, T.G. *see* Semenova, G.N. 61189
Kryshtab, T.G. *see* Semenova, G.N. 103887
Krystal, A.D., Greenside, H.S., Weiner, R.D., Gassert, D. A comparison of EEG signal dynamics in waking, after anesthesia induction and during electroconvulsive therapy seizures 110855
Krystek, W. *see* Pollak, F.H. 96352
Kryuchenko, Yu.V., Litovchenko, V.G. Computer simulation of the field emission from multilayer cathodes 83698
Kryuchenko, Yu.V. *see* Litovchenko, V.G. 73937
Kryuchenko, Yu.V. *see* Litovchenko, V.G. 105191
Kryuchin, A.A., Bondareva, E.I., Sergienko, T.I., Yudin, G.Yu. Investigation of ageing for a recording medium of Ge-Te-Sb-Se chalcogenide glass 106772
Kryukov, P.G. A frequency-doubled pulsed chemical oxygen-iodine laser as an efficient pump source for high power solid-state lasers 96091
Kryukov, V.A. *see* Balashov, K.Ye. 88902
Kryzhanovski, V.A. *see* Barysheva, N.M. 116331
Kryzhanovskii, I.B., Polukhin, G.A. A resonator mirror antenna with a turnstile feed 108033
Kryzhanovsky, V.A. *see* Lukashin, G.M. 96117
Krzeminski, Z. *see* Levi, E. 81464
Krzymien, W.A. *see* Qiang Shen 109415
Krzymien, W.A. *see* Soong, A.C.K. 68201
Krzymien, W.A. *see* Soong, A.C.K. 88212
Krzymien, W.A. *see* Soong, A.C.K. 109513
Krzymien, W.A. *see* Soong, A.C.K. 119015
Krzymien, W.A. *see* Tomba, L. 118765
Krzysko, M., Wolynski, W. Discriminant rules based on distances 92602
Krzysztofik, W.J. The non-contacting feeding structures of printed antennas 76666
Krzysztoszek, K. *see* Kacprzak, J. 112510
Krzywaznia, A., Ociepka, J., Pekala, J. Microcomputer system of parallel measuring structure for period/frequency monitoring 99849
Krzyworzcka, S. Extension of the Lanczos and CGS methods to systems of nonlinear equations 72644
Krzyzak, A. On nonparametric estimation of nonlinear dynamic systems by the Fourier series estimate 117374
Krzyzak, A., Linder, T., Lugosi, G. Nonparametric classification using radial basis function nets and empirical risk minimization 66955
Krzyzanowski, P. *see* Agrawal, P. 87671

Krzyzanowski, P. *see* Hyden, E. 67853
Kschischang, F.R. *see* Sajadieh, M. 88801
Kschischang, F.R. *see* Sajadieh, M. 118990
Ksenevich, T.I., Beloglazov, A.A., Nikitin, P.I., Kalabina, N.A., Zaitsev, S.Y. Study of biochemical reactions in thin organic films by means of evanescent optical wave 69328
Kshemkalyani, A.D., Singhal, M. An optimal algorithm for generalized causal message ordering 98476
Kshirsagar, M.M. *see* Veeraraghavan, M. 87310
Ksiao-Dong Chiang *see* Jin-Cheng Wang 121136
Ku, A., Srihari, K., Dilella, J. Process planning for manual PWB assembly 104947
Ku, C.-P.R. Dynamic characteristics of hard disk drive spindle motors–comparison between ball bearings and hydrodynamic bearings 81488
Ku, C.-W. *see* Chen, L.-G. 98180
Ku, H.C. *see* Meen, T.H. 75314
Ku, L.-P., Leong, H.W. Note on optimal tile partition for space region of integrated-circuit geometry 104264
Ku, M. *see* Rofougaran, A. 118768
Ku, M.H. *see* Choy, C.S. 93113
Ku, N.C., Qin, C.-D., Yu, C.C., Ng, D.H.L. Corrosion resistance of NdFeB magnets coated by Al 115514
Ku, T.K., Chen, S.H., Yang, C.D., She, N.J., Wang, C.C., Chen, C.F., Hsieh, I.J., Cheng, H.C. Enhanced electron emission from phosphorus-doped diamond-clad silicon field emitter arrays 62573
Ku, T.K., Hsieh, B.B., Chen, M.S., Wang, C.C., Wang, P.W., Hsieh, I.J., Cheng, H.C. Fabrication and characterization of gated Si field emitter arrays with gate aperture below 0.5 μm 74054
Ku, W.H. *see* Kong, S.K. 73469
Ku, W.H. *see* Staley, T.L. 108114
Ku, W.H. *see* Sullivan, P.J. 73106
Ku Chung-Wei *see* Chung-Wei Ku
Ku Fu-Neng *see* Fu-Neng Ku
Ku Fu-Nian *see* Fu-Nian Ku
Ku Ja-Hum *see* Ja-Hum Ku
Ku Kuo-Lung *see* Kuo-Lung Ku
Ku Liang-Ping *see* Liang-Ping Ku
Ku Pok-Mo *see* Pok-Mo Ku
Ku Tzu-Kun *see* Tzu-Kun Ku
Ku Tzun-Kun *see* Tzun-Kun Ku
Ku Wei-Cheng *see* Wei-Cheng Ku
Ku Xishu *see* Zhang Maojun 98103
Ku Yeon-Seal *see* Yeon-Seal Ku
Ku Yoon Cheong *see* Cheong Ku Yoon
Kuah, T.H. *see* Yeung, T.S. 94111
Kuai, D. *see* Tuttle, G.T. 75262
Kuan, C.H. Noise characteristics of an infrared hot-electron transistor 63587
Kuan, C.H., Lin, R.-M., Tang, S.-F., Sun, T.-P. Analysis of the dark current in the bulk of InAs diode detectors 119672
Kuan, M. *see* Brathwaite, N.E. 82272
Kuan, S. Mobility functionality in new generation PABXs 68010
Kuan, T.-H. *see* Jean, J.-H. 82246
Kuan, T.S. *see* Hsu, Y. 82685
Kuan Chen, Gwilliam, S.B. An analysis of the heat transfer rate and efficiency of TE (thermoelectric) cooling systems 81918
Kuan Jung Joo *see* Myung Cheol Joe 62644
Kuan Yew Chuan *see* Yew Chuan Kuan
Kuan Zhang *see* DeGroot, D.C. 114181
Kuan-Dar Chen, Tai-Haur Kuo, Shuenn-Yuh Lee A novel offset current cancellation technique for switched-current circuits and systems 114066
Kuan-Zong Fung, Jong Chen, Tanner, C., Virkar, A.V. Low temperature solid oxide fuel cells with dip-coated YSZ electrolytes 81850
Kuan-Zong Fung, Virkar, A.V. Theoretical analysis of solid oxide fuel cells: the effect of electrode characteristics 81859
Kuang, D., Rim, H.J., Schutz, B.E., Abusali, P.A.M. Modeling GPS satellite attitude variation for precise orbit determination 99694
Kuang, E. *see* Naqvi, S. 62635
Kuang, H.H. *see* Barabanov, I.R. 110568
Kuang, J.X. *see* Tian, H.J. 92613
Kuang, X. *see* Carotenuto, G. 113543
Kuang Dingbo *see* Wang Jun 77115
Kuang Jiao-Xun *see* Tian Hong-Jiong 82547
Kuang Wang *see* Wang Kuang
Kuang Yi Chen, Biernacki, P.D., Buchheit, S., Mickelson, A.R. Noninvasive experimental determination of charge and voltage distributions on an active surface [active antennas] 97293
Kuang-Chan Liu, Wun-Chang Lin, Chorng-Kuang Wang A pipelined digital differential matched filter FPGA implementation and VLSI design 104711
Kuang-Chao Wu *see* Hsi-Ching Chen 81513
Kuang-Chao Wu *see* Wen-Ying Chang 81514
Kuang-Chien Chen *see* Chih-Chang Lin 73231
Kuang-Chien Chen *see* Shi-Yu Huang 82849
Kuang-Chien Chen *see* Shi-Yu Huang 83071
Kuang-Chien Chen *see* Shi-Yu Huang 93302
Kuang-Chih Huang *see* Chih-Chin Yang 63575
Kuang-Chung Tao *see* Hsin-Chin Chang 88237
Kuang-Han Ke *see* Hongching Shan 63334
Kuang-Hui Lin *see* Chau-Shen Chen 83072
Kuang-Rong Shih *see* Hong-Tzer Yang 80956
Kuang-Yang Chan *see* Wen-Kuan Yeh 74691
Kuansan Wang *see* Pitton, J.W. 108191
Kuanshou Zhang, Changde Xie, Ruixiang Guo, Junmin Wang, Kunchi Peng Laser-diode-pumped cw Nd,MgO:LiNbO$_3$ self-frequency-doubling laser around room temperature 85439
Kuanshou Zhang *see* Zhang Kuanshou
Kuanyi, Z. *see* Lo, J. 98139
Kub, F.J. *see* Hobart, K.D. 82682
Kub, F.J. *see* Potyraj, P.A. 83379
Kuba, A. *see* Sakaki, H. 89929
Kubacek, L. Models with a low nonlinearity 92390
Kubacek, L., Kubackova, L. Kalman filter with variance components 117401
Kubacki, F., Gutowski, J., Hommel, D., Heuken, M., Pohl, U.W. Determination of deformation potentials in ZnSe/GaAs strained-layer heterostructures 94486
Kubackova, L. Joint confidence and threshold ellipsoids in regression models 92391
Kubackova, L. *see* Kubacek, L. 117401
Kubalek, E. *see* Bohm, C. 60569
Kubalek, E. *see* Bohm, C. 73769
Kubalek, E. *see* Bohm, C. 79661
Kubalek, E. *see* Bohm, C. 93891
Kubalek, E. *see* Bohm, C. 93896
Kubalek, E. *see* Bohm, C. 119848
Kubalek, E. *see* Lakner, H. 94470
Kubalek, E. *see* Leyk, A. 93890
Kubarev, V.A. Distinctive features of the steady-state regimes of oscillators based on convective instability with nonlinear feedback 105015
Kubarev, V.V., Kurenskii, E.A. Ultralow-noise high-power DCN laser with RF pumping 65038
Kubasta, J. *see* Briancon, C. 69880
Kubat, P. *see* Vachani, R. 113628
Kube, P., Perona, P. Scale-space properties of quadratic feature detectors 117825
Kube, T. *see* Altshuler, K. 115739
Kubecek, V. *see* Guy, O. 107199
Kubena, R.L., Atkinson, G.M., Robinson, W.P., Stratton, F.P. A new miniaturized surface micromachined tunneling accelerometer 64008
Kubiak, R.A. *see* Tang, Y.S. 62922
Kubiak, Z., Mielcarek, R. Problems of the optimal code for correctness of data transmission in the radiotelephone remote control system 109261
Kubiatowicz, J. *see* Yeung, D. 77939
Kubicek, H. The future role of television in the information society. 2 67921
Kubicki, T. *see* Braunschweig, W. 69836
Kubicki, T. *see* Braunschweig, W. 120140
Kubik, P.W. *see* Parrat, Y. 100793
Kubik, R.D., Bahar, E. Electromagnetic fields scattered from irregular layered media 116847
Kubik, R.D., Bahar, E. Radar polarimetry applied to scattering from irregular layered media 116848
Kubina, S.J. *see* Trueman, C.W. 68644
Kubisa, M. *see* Sibari, H. 74353
Kubitz, O. *see* Berger, M.O. 118880
Kubitz, O. *see* Fasbender, A. 118873
Kubler, D. *see* Handschin, E. 112539
Kubler, J. *see* Berther, T. 99926
Kubler, J. *see* Uhl, M. 84796
Kubler, L. *see* Aubel, D. 82597
Kubler, L. *see* Aubel, D. 82624
Kubler, O. *see* Naf, M. 110715
Kubler, O. *see* Neuenschwander, W. 77181
Kubo, A., Homma, T., Murao, Y. An SiO$_2$ film deposition technology using tetraethylorthosilicate and ozone for interlayer metal dielectrics 61410
Kubo, A. *see* Ando, Y. 110810
Kubo, A. *see* Kitazawa, T. 89256
Kubo, H. Analysis of cylindrical waveguide with corrugation and synthesis of radiated beams pattern 65968
Kubo, H., Yamaguchi, K., Awai, I. Radiation characteristics of HE$_{11}$-type wave from dielectric rod antenna with periodic surface 97309
Kubo, H. *see* Ezawa, H. 80081
Kubo, H. *see* Ezawa, H. 100931
Kubo, H. *see* Hattori, J. 93723
Kubo, I. *see* Ikebukuro, K. 110236
Kubo, K. *see* Adolphsen, C. 89854
Kubo, K. *see* Dhaouadi, R. 91816
Kubo, K. *see* Raubenheimer, T. 89853
Kubo, K. *see* Raubenheimer, T.O. 89662
Kubo, K. *see* Sakanaka, S. 100682
Kubo, K. *see* Shimada, M. 68016
Kubo, K. *see* Shintake, T. 89604
Kubo, K. *see* Shintake, T. 89649
Kubo, M., Kanazawa, K., Niki, N., Satoh, H., Ohmatsu, H., Moriyama, N., Eguchi, K. Computer assisted screening for lung cancer based on helical CT images 101311
Kubo, M. *see* Nishikawa, T. 72801
Kubo, M. *see* Ohkawa, K. 72786
Kubo, M. *see* Yamashita, T. 88839
Kubo, N. *see* Inushima, T. 83871
Kubo, S. *see* Miyahara, K. 84916
Kubo, S. *see* Suematsu, N. 93864
Kubo, T. *see* Amaya, M. 121317
Kubo, T. *see* Kawakubo, T. 100547
Kubo, T. *see* Kikuchi, M. 106704
Kubo, T. *see* Wu, W. 80218
Kubo, T. *see* Yonezawa, Y. 80201
Kubo, Y., Aramaki, S., Okamoto, Y., Murayama, T. Naphthoquinone methide dyes: new types of second-order nonlinear optical materials 85621
Kubo, Y. *see* Saito, H. 119809
Kubo, Y. *see* Yamamoto, H. 79625
Kubodera, K., Maruo, T., Kurosawa, S., Ikeda, K. Advanced materials analysis techniques for nanoelectronics 63847
Kubodera, K., Maruo, T., Kurosawa, S., Ikeda, K. Advanced materials analysis techniques for nanoelectronics 113577
Kubokawa, J. *see* Hua Wei 80758
Kubon, M., Boehmer, E., Siebke, F., Rech, B., Beneking, C., Wagner, H. Solution of the ZnO/p contact problem in a-Si:H solar cells 103022
Kubono, T., Mogami, M. Effect of switching interval on some characteristics of relay contacts 114370
Kubono, T. *see* Kobayashi, A. 73841
Kubono, T. *see* Takeuchi, M. 62554
Kubono, T. *see* Takeuchi, M. 119927
Kuboschek, M. *see* Otterstedt, J. 77537
Kubot, K., Adolphsen, C., Bane, K.L.F., Raubenheimer, T.O., Thompson, K.A. Alignment tolerance of accelerating structures and corrections for future linear colliders 89980
Kubota, E. *see* Kimura, M. 85137
Kubota, E. *see* Uesu, Y. 116193
Kubota, F. *see* Zhisheng Niu 118948
Kubota, H., Miyazaki, T. Composition dependence of the magnetoresistance for Ni-Co/Cu and Co-Fe/Cu multilayer films 64348
Kubota, H., Watanabe, T. Sensor and sensor-less technique for linear driving system: the latest sensing technology for linear drive and the trend of sensor-less control 103087
Kubota, H. *see* Arimura, H. 80216
Kubota, H. *see* Fukumoto, M. 72642
Kubota, H. *see* Fukumoto, M. 117370
Kubota, H. *see* Furukawa, T. 97775
Kubota, H. *see* Nakazawa, M. 85712
Kubota, H. *see* Nakazawa, M. 99558
Kubota, H. *see* Nakazawa, M. 116723
Kubota, H. *see* Nakazawa, M. 116725
Kubota, H. *see* Sahara, A. 68375
Kubota, H. *see* Takigawa, A. 80288
Kubota, K. *see* Fujita, K. 61956
Kubota, K. *see* Imai, H. 100221
Kubota, K. *see* Shimizu, A. 84072
Kubota, M., Kato, T., Suzuki, S., Maruyama, H., Shidara, K., Tanioka, K., Sameshima, K., Makishima, T., Tsuji, K., Hirai, T., Yoshida, T. Ultrahigh-sensitivity New Super-HARP camera 109902
Kubota, M., Kato, T., Suzuki, S., Maruyama, H., Tanioka, K., Sameshima, K., Makishima, T., Tsuji, K., Hirai, T. Ultrahigh-sensitivity new Super-HARP camera 99753
Kubota, M., Maruyama, K. Distributed processing platform for telecommunication networks 77832
Kubota, M. *see* Tsujikado, K. 100232
Kubota, N., Shimojima, K., Fukuda, T. Virus-evolutionary genetic algorithm–ecological model on planar grid 92512
Kubota, S. Luminance and luminance contrast requirements for legibility of transmissive liquid crystal displays 110289
Kubota, S. Lightness and contrast requirements for legibility of reflective liquid crystal displays 119806
Kubota, S. *see* Kamata, T. 85632
Kubota, S. *see* Kawazoe, K. 86048
Kubota, S. *see* Kawazoe, K. 99212
Kubota, S. *see* Matsumoto, Y. 99225
Kubota, S. *see* Mizoguchi, M. 99201
Kubota, S. *see* Ogose, S. 109504
Kubota, S. *see* Oka, M. 96698
Kubota, S. *see* Sugimura, Y. 68248
Kubota, S. *see* Sugiyama, T. 77988
Kubota, S. *see* Sugiyama, T. 87699
Kubota, S. *see* Sugiyama, T. 99404
Kubota, S. *see* Suzuki, M. 68282
Kubota, S. *see* Suzuki, M. 109388
Kubota, T., Ando, K., Muramatsu, S. The effect of the floating gate/tunnel SiO$_2$ interface on FLASH memory data retention reliability 93388
Kubota, T. *see* Mizobuchi, T. 76276
Kubota, T. *see* Nakaya, T. 95717
Kubota, T. *see* Saito, H. 108229
Kubota, T. *see* Ueda, H. 96753
Kubota, T. *see* Umoto, I. 97610
Kubota, T. *see* Xiaobin Xu 64120
Kubota, Y., Hoshi, Y. Control of structures of ZnO underlayer for the deposition of hexagonal barium ferrite thin film 61427
Kubota, Y., Ishiyama, Y., Sakurai, K., Kasai, M., Yoshikawa, H. Modem and ISDN terminal adaptor applied to the Internet dialup access 118386
Kubota, Y., Yoshioka, H., Inada, S., Onga, M., Okada, H., Matsumura, O., Matsuno, K. A system for consumer-use digital VCR 109942
Kubota, Y. *see* Kasahara, H. 95568
Kubota, Y. *see* Noguchi, H. 115106
Kubota, Y. *see* Satow, T. 95514
Kubotera, S. *see* Yoshizawa, S. 118689
Kubouchi, S. *see* Ohkuma, S. 93356
Kubozono, T., Moroishi, Y., Ohta, Y., Shimodan, H., Moriuchi, N. A new process for resist removal after photolithography process using adhesive tape 105816
Kubsky, S., Borucki, L., Berheide, M., Baier, S., Becker, H.W., Gorris, F., Grunwald, C., Gutt, T., Krueger, G., Mehrhoff, M., Piel, N., Schulte, W.H., Rolfs, C. Concept and status of the new

sample preparation and analyzing facility at Bochum 100756

Kubyshkin, A.P. *see* Karabutov, A.A. 103479

Kubyshkin, A.P. *see* Karabutov, A.A. 104228

Kubyshkin, A.P. *see* Karabutov, A.A. 104229

Kuc, R. Biologically motivated adaptive sonar system 119324

Kuc, R. Magnetometer spacing criterion for biomagnetic source current imaging 120369

Kuc, R. *see* Ogawa, T. 66860

Kucera, L. *see* Ahrens, M. 103047

Kucewicz, W., Pilch, M. A position silicon microstrip detectors for photon, X-ray and ionizing particle measurements 69803

Kuch, W. *see* Dittschar, A. 75081

Kuchar, F. *see* Meisels, R. 105249

Kuchar, J. *see* Bailey, J.D. 79922

Kuchar, J. *see* Pritchett, A. 70360

Kuchar, L., Drapala, J., Lunacek, J. Purification methods of Cd, Te and CdTe and periodicity of segregation coefficients of admixtures 92674

Kucharska, M. Magnetic field distorted by metal pieces in boundary-integral approach 107694

Kucharska, M. *see* Pawluk, K. 65739

Kucharska, M. *see* Pawluk, K. 73834

Kucharska, M. *see* Pawluk, K. 107704

Kucharzyk, U. *see* Blum, D. 77844

Kuchcinski, K. *see* Eles, P. 113684

Kuchem, R., Wagner, D., Wagner, F. Optimizing area for three-layer knock-knee channel routing 61554

Kuchen, F., Becker, T.C., Wiesbeck, W. Optimizing the coverage area of single frequency networks 119366

Kuchen, F., Becker, T.C., Wiesbeck, W. Analytical bit error rate determination for digital audio broadcasting 119368

Kucherenko, I.V., Vodop'yanov, L.K., Kadushkin, V.I. Photovoltaic effect in a laser-excited asymmetric GaAs/AlGaAs nanostructure 62888

Kucherer, H. *see* Knollmann, F.D. 80350

Kucherov, A.N. *see* Dolinina, V.I. 85365

Kucherov, I.Ya. *see* Burbelo, R.M. 105101

Kuchinski, V. *see* Benfatto, I. 112060

Kuchinski, V. *see* Roshal, A. 102884

Kuchinskii, N.A. *see* Karpukhin, V.V. 90183

Kuchinskii, V.I. *see* Deryagin, A.G. 75915

Kuchinsky, A. Bit velocity is not enough: content and service issues for broadband residential information services 118441

Kuchinsky, A. Transfer means more than just technology 118460

Kuchler, S. *see* Becker, T. 89791

Kuchma, S.V., Kuchma, V.V. Joint estimate of the formant filter and exciting signal when coding a speech signal 66595

Kuchma, V.G. *see* Boutchenkov, V.A. 107173

Kuchma, V.V. *see* Kuchma, S.V. 66595

Kuchmii, I.A. *see* Banduryan, B.B. 79519

Kuchta, D. *see* Crow, J.D. 119221

Kuchta, D.M., Jackson, K.P. Improved modal noise calculations for multimode fiber links using short-wavelength lasers 78787

Kuchta, D.M. *see* Choi, J. 88572

Kuchta, D.M. *see* Wong, Y.M. 119220

Kuchta, F.L. *see* Cinquemani, P.L. 121164

Kuck, S. *see* Fenimore, D.L. 107592

Kuckertz, T. *see* Bracht, R. 78614

Kuczewski, M. *see* Goyette, G. 66180

Kuczka, J.H. *see* Bishop, D.N. 92130

Kuczma, A.S. *see* Crow, J.D. 119221

Kudaev, S.V. *see* Davidov, N.N. 106748

Kudela, R. *see* Cambel, V. 79375

Kudela, R. *see* Malacky, L. 104147

Kudeliya, A.M. *see* Denisov, A.G. 115953

Kudelya, A.M. *see* Gudkov, A.L. 110346

Kudin, A.M. Prime-number algorithm for public-key systems 117188

Kudin, A.M. *see* Viday, Y.T. 100884

Kudo, H., Saito, T. Unification and noise propagation property of analytical SPECT reconstruction methods 70098

Kudo, H., Saito, T. Exact cone-beam reconstruction with a new completeness condition 80241

Kudo, H., Saito, T. An efficient linogram sampling method for cone-beam reconstruction 101153

Kudo, H., Watanabe, S., Saito, T. Three-dimensional Bayesian reconstruction applied to cardiac SPECT 101170

Kudo, H. *see* Miyagi, N. 108436

Kudo, I. *see* Koyama, K. 92657

Kudo, K., Takeda, N., Fukuda, A. Measurement of γ-ray dose in a thermal neutron field by using a ^{3}He-filtered GM counter 101461

Kudo, K. *see* Ichimura, K. 75617

Kudo, K. *see* Kobayashi, S. 64035

Kudo, K. *see* Kobayashi, S. 95256

Kudo, K. *see* Kobayashi, S. 106305

Kudo, K. *see* Murata, T. 66792

Kudo, K. *see* Shimomura, R. 64152

Kudo, K. *see* Sumimoto, T. 72897

Kudo, K. *see* Taimatsu, H. 81822

Kudo, K. *see* Takeda, N. 100872

Kudo, M. *see* Higuchi, K. 63773

Kudo, M. *see* Ono, H. 83373

Kudo, M. *see* Tajima, T. 100491

Kudo, M. *see* Tanaka, M. 118301

Kudo, M. *see* Yamada, T. 105086

Kudo, N., Mishima, T., Matsumoto, H., Ohbu, I., Tanimoto, T. Highly strained $In_{0.35}Ga_{0.65}As/GaAs$ layers grown by molecular beam epitaxy for high hole mobility transistors 95040

Kudo, S. Characteristics of frequency and transient responses in piezoelectric vibratory gyroscope 95321

Kudo, S., Sugawara, S., Wakatuki, N. Improvement of transitional response characteristics of a piezoelectric vibratory gyroscope 89002

Kudo, T. *see* Ozeki, T. 85017

Kudo, T. *see* Takahashi, I. 61301

Kudo, Y., Takayanagi, S., Watanabe, T., Kamada, H., Sato, K. 29-inch multimedia monitor XM-2950 69392

Kudo, Y., Watanabe, T., Takayanagi, S., Sato, K. 37-inch multimedia monitors XP37/XM37 69393

Kudo, Y. *see* Terashima, Y. 91231

Kudoh, E. *see* Suzuki, Y. 68237

Kudoh, M., Hoshi, Y., Momota, S., Fujihira, T., Sakurai, K. Current sensing IGBT for future intelligent power module 104335

Kudoh, T., Ikebe, S., Satow, H., Imuta, S., Ohmura, G., Sasaki, Y., Komatsu, K., Kimura, M. A thermistor bolometer for a clinical tympanic thermometer 120269

Kudoh, T. *see* Nishi, H. 104433

Kudoh, T. *see* Torikai, T. 111610

Kudoh, Y. *see* Kee-Ho Yu 93437

Kudoh, Y. *see* Kee-Ho Yu 117610

Kudou, T. *see* Ohyama, H. 116228

Kudrak, E.J. *see* Boguslavsky, I. 60649

Kudrevatykh, N.V. *see* Abadia, C. 75139

Kudrevatykh, N.V. *see* Frolov, N.V. 75276

Kudrevatykh, N.V. *see* Pirogov, A.N. 106505

Kudrna, J., Trojanek, F., Pelant, I., Banas, S., Kohlova, V., Maly, P. Photoluminescence dynamics of porous silicon: picoseconds to milliseconds 94255

Kudrna, J. *see* Maly, P. 94261

Kudryashov, A.L. *see* Kozachenko, V.F. 103067

Kudryashov, A.V. *see* Cherezova, A.Yu. 75881

Kudryashov, A.V. *see* Korotkov, A.S. 104683

Kudryashov, E.A. *see* Adamenkov, A.A. 116321

Kudryashov, V. *see* Borzenko, T. 105811

Kudryashova, E.B. *see* Pavlov, G.Ya. 105650

Kudryavtsev, A. *see* Dergachev, A. 70100

Kudryavtsev, A.A., Lasaryuk, S.N., Sheverev, V.A. Negative glow discharges for lighting 104988

Kudryavtsev, A.V., Bogachenko, D.D., Ladygin, A.N., Nikol'skii, A.A., Fedorov, G.M. Object-oriented frequency converters for pump drives 103065

Kudryavtsev, N.Yu., Martynov, V.A., Sidulov, M.V., Smirnov, O.K., Vorob'ev, L.A., Zroichikov, N.A., Lukin, S.V. Computer simulation of the operating conditions of the steam boilers and heat-supply system of cogeneration power station TETs-26 102422

Kudryavtsev, O. *see* Alexandrov, B.S. 116367

Kudryavtsev, Y.A. *see* Van Duppen, P. 69686

Kudryk, V.L. *see* Vandre, R.H. 80432

Kudsia, C.M. *see* Mansour, R.R. 99401

Kudumakis, P.E., Sandler, M.B. On the compression obtainable with four-tap wavelets 99801

Kudumakis, P.E., Sandler, M.B. Wavelet packet based scalable audio coding 117227

Kuduvalli, G., Dutkiewicz, M., Cumming, I. Synthetic aperture radar signal data compression using block adaptive quantization 70437

Kudva, J.N. *see* Lockyer, A.J. 120932

Kudva, P., Gopalakrishnan, G., Jacobson, H. A technique for synthesizing distributed burst-mode circuits 83061

Kudva, P., Gopalakrishnan, G., Jacobson, H., Nowick, S.M. Synthesis of hazard-free customized CMOS complex-gate networks under multiple-input changes 84588

Kudva, S.M., Clark, R., Vallett, D., Ross, D., Hasegawa, T., Gilfeather, G., Thayer, M., Pabbisetty, S., Shreeve, R., Ash, B., Serpiello, J., Huffman, K., Wagner, L., Kazmi, S. The Sematech failure analysis roadmap [CMOS ULSI] 92351

Kudyaev, G. *see* Schmidt, K.H. 69627

Kuebart, W. *see* Kaiser, D. 78827

Kuech, T.F., Nayak, S., Huang, J.W., Li, J. Chemical and physical effects in oxygen incorporation during the metalorganic vapor phase epitaxial growth of GaAs 82648

Kuech, T.F. *see* Botez, D. 116491

Kuech, T.F. *see* Jutong Liu 94729

Kuech, T.F. *see* Thon, A. 82586

Kuechler, R., Zoberbier, R. Forging the link [DAVIC and multimedia] 109228

Kuehl, K.S. *see* Tohme, W.G. 110865

Kuehn, U. *see* Ban, J. 69810

Kuehne, H. *see* Fischer, A. 83897

Kuehne, S.C. *see* Cao, M. 84401

Kuehne, S.C. *see* Paul, K. 105994

Kuehnel, T., Luderer, G.W.R. Multihop network switch 78315

Kuehnle, J., Bergmann, R., Werner, J.H., Albrecht, M. Silicon surface passivation by metal layers for low-temperature epitaxy 84166

Kuei Jen Cheng *see* Cheng Kuei Jen

Kuei-Huei Lin, Wen-Feng Hsieh Analytical spatio-temporal design of Kerr lens mode-locked laser resonators 96205

Kuei-Huei Lin *see* Jih-Guang Lai 65129

Kuei-Shu Chang-Liao, Tang-Yuan Lan Improvement of hot-electron hardness in metal-oxide-semiconductor devices by combination of gate electrode deposited using amorphous Si and gate oxide grown in N_2O 105484

Kuekes, P. *see* Amerson, R. 61784

Kuekes, P. *see* Amerson, R. 104521

Kuen Long Chang *see* Jieh-Tsorng Wu 74843

Kuen-Chu Lai *see* Tsern-Huei Lee 87315

Kuen-Chu Lai *see* Tsern-Huei Lee 117988

Kuen-Fwu Fuh, Ching-Kuang C. Tzuang, Chien-Chang Liu, Yu-Cheng Lin Modal behavior of dominant modes on gyromagnetic asymmetric coupled lines in both leaky and nonradiation regions 97244

Kuen-Hsien Wu, Yean-Kuen Fang, Jen-Yeu Fang, Jun-Dar Hwang The growth and characterization of silicon/silicon carbide heteroepitaxial films on silicon substrates by rapid thermal chemical vapor deposition 92703

Kuen-Jong Lee, Kou-Shung Huang, Min-Cheng Huang Low voltage built-in current sensor 115350

Kuenchi Pen *see* Pen Kuenchi

Kuenher, G. *see* Silverman, L. 62333

Kuenzel, H., Albrecht, P., Gibis, R., Hamacher, M., Schelhase, S. MOMBE growth of high quality GaInAsP (λ_g=1.05 μm) for waveguide applications 103954

Kuenzel, H. *see* Saffian, B. 114684

Kuenzel, H. *see* Schelhase, S. 103939

Kuester, U. *see* Hamadeh, H. 74153

Kuey Chung Choi, Kyung Hyun Nam, Dong Ho Park Estimation of capability index based on bootstrap method 82347

Kuffel, P., Kent, K., Irwin, G. The implementation and effectiveness of linear interpolation within digital simulation [of power systems] 111491

Kuffel, R., Giesbrecht, J., Maguire, T., Wierckx, R.P., McLaren, P. RTDS–a fully digital power system simulator operating in real time 80756

Kuffel, R., Giesbrecht, J., Maguire, T., Wierckx, R.P., McLaren, P. RTDS–a fully digital power system simulator operating in real time 80795

Kuffel, R., Giesbrecht, J., Maguire, T., Wierckx, R.P., McLaren, P. RTDS–a fully digital power system simulator operating in real time 101704

Kufner, M. *see* Thienpont, H. 85190

Kufner, S. *see* Thienpont, H. 85190

Kug Hong Soo *see* Soo Kug Hong

Kuga, N., Arai, H. Circular patch antennas miniaturized by shorting posts 76622

Kuga, N., Arai, H. A flat four-beam switched array antenna 108063

Kuga, N., Arai, H. Beam switched planar array antenna for mobile communications 117076

Kuga, T. *see* Hirano, T. 116251

Kuga, Y., Phu, P. Experimental studies of millimeter-wave scattering in discrete random media and from rough surfaces: summary 85856

Kuga, Y., Shirai, T., Haruyama, M., Kawanishi, H., Suematsu, Y. Violet light emission from $GaN/Al_{0.05}Ga_{0.95}N$ injection diode grown on 6H-SiC substrate by low-pressure MO-VPE 116265

Kuga, Y. *see* Chan, T.K. 116897

Kuga, Y. *see* Ishimaru, A. 85838

Kuga, Y. *see* Johnson, J.T. 65763

Kuga Yasuo *see* Yasuo Kuga

Kugasyan, I.V. *see* Lysyi, B.M. 99825

Kuge, S., Morishita, F., Tsuruda, T., Tomishima, S., Tsukude, M., Yamagata, T., Arimoto, K. SOI-DRAM circuit technologies for low power high speed multigiga scale memories 61900

Kuge, S., Morishita, F., Tsuruda, T., Tomishima, S., Tsukude, M., Yamagata, T., Arimoto, K. SOI-DRAM circuit technologies for low power high speed multigiga scale memories 93382

Kuge, S. *see* Tomishima, S. 93363

Kuge, T. Linear scaler quantizers' design optimized to visual modulation transfer functions for HDTV coding 68883

Kugel, A. *see* Hogl, H. 100981

Kugel, V.D., Chandran, S., Cross, L.E. Caterpillar-type piezoelectric d_{33} bimorph transducer 106399

Kugel, V.D., Rosenman, G. Anomalous electron emission from $LiNbO_3$ crystals 64080

Kugel, V.D. *see* Baomin Xu 119633

Kugi, A., Schlacher, K., Kaltenbacher, M. Object oriented approach for large circuits with substructures in the computer algebra program Maple V 93067

Kugler, D., Lechner, W., Butzmuhlen, C., Roper, J. Combined use of GPS and LORAN-C in Integrated Navigation Systems 79030

Kugler, D., Lechner, W., Butzmuhlen, C., Roper, J. Combined use of GPS and LORAN-C in integrated navigation systems 88777

Kugler, R., Muller, W. Low-voltage power switches in H_2S environment 91678

Kugue, T. *see* Nishio, T. 71809

Kuh, A. *see* Meina Xu 86474

Kuh, E.S. *see* Dongsheng Wang 93013

Kuh, E.S. *see* Qingjian Yu 82260

Kuh, E.S. *see* Tianxiong Xue 62528

Kuh, E.S. *see* Xianlong Hong 83057

Kuhara, S., Toyoshima, H., Takeda, K., Nakamura, K., Okamura, H., Takada, M., Suzuki, H., Yoshida, H., Yamazaki, T. A 6 ns 1.5 V 4 Mb BiCMOS SRAM 73351

Kuhara, S. *see* Yamazaki, T. 63961

Kuhara, Y., Fujimura, Y., Nakanishi, H., Iguchi, Y., Terauchi, H., Yamabayashi, N. A coaxial-type

1.3/1.55 μm WDM-PD module for optical access networks 119196
Kuhara, Y., Fujimura, Y., Terauchi, H., Yamabayashi, N. 3.5-mm-square InGaAs p-i-n photodiodes and their application to optical-axis arrangement between 1.3-μm laser diodes and a SMF 116241
Kuhl, D. *see* Kollakowski, S. 89097
Kuhl, J., Mayer, E.J., Smith, G.O., White, J.O., Lage, H., Heitmann, D., Ploog, K. Coherent spectroscopy of excitons in GaAs quantum wires 62867
Kuhl, J. *see* Bott, K. 62940
Kuhl, J. *see* Buhleier, R. 116679
Kuhl, J. *see* Ernst, G. 75727
Kuhl, J. *see* Ludwig, C. 95996
Kuhl, M. Report on properties of SIR composite insulators after long-term exposure in service 91203
Kuhle, W. *see* Nuyts, J. 90313
Kuhlmann, B. *see* Aberle, A.G. 91735
Kuhlmann, J. *see* Ehrich, M. 65698
Kuhlmann, P. *see* Liebenow, U. 116907
Kuhlmann, U. *see* Nagel, D. 74342
Kuhlmann-Wilsdorf, D. Electrical fiber brushes–theory and observations 112000
Kuhlmei, J. Electromagnetic compatibility 97168
Kuhlow, B. *see* Galloway, P.C.M. 116777
Kuhmann, J.F., Hensel, H.-J., Bach, H.-G. Flip-chip bonding investigations on the self-alignment of tin-lead bumps under vacuum conditions 112907
Kuhn, A., Haggerty, W.T., Grage, U., Keller, M., Reyering, C., Arndt, F., Scholtholt, W. Validation of the feature frequency hopping in a live GSM network 109438
Kuhn, A. *see* Shan, Q. 101090
Kuhn, B. *see* Klett, M. 109883
Kuhn, E. *see* Hombach, V. 120539
Kuhn, E. *see* Lach, E. 107231
Kuhn, E. *see* Schilling, M. 96425
Kuhn, E. *see* Weinmann, R. 75597
Kuhn, G. *see* Ienne, P. 104765
Kuhn, H. *see* Schuster, T. 106674
Kuhn, M. *see* Fox, G.R. 75593
Kuhn, O. *see* Bruckner, P. 82282
Kuhn, P.J. *see* Sailer, R. 108906
Kuhn, S., Schill, A. Current and advanced protocols over ATM: evaluation, implementation and experiences 108852
Kuhn, S. *see* Eversheim, P.D. 69606
Kuhn, S.A. *see* Kleiner, M.B. 89548
Kuhn, S.A. *see* Kleiner, M.B. 105724
Kuhn, T. *see* Elsaesser, T. 114601
Kuhn, T. *see* Hess, O. 65360
Kuhn, T. *see* Hillmer, H. 96343
Kuhn, T. *see* Leitenstorfer, A. 62762
Kuhn, T. *see* Reggiani, L. 62880
Kuhn, V. *see* Belz, C. 101216
Kuhn, W. *see* Gruber, T. 82141
Kuhn, W.B., Elshabini-Riad, A., Stephenson, F.W. An experimental, ultra-high-Q, VHF receiver front-end 118754
Kuhn, W.B., Stephenson, F.W., Elshabini-Riad, A. A 200 MHz CMOS Q-enhanced LC bandpass filter 99219
Kuhn, W.S. A new hydrodynamic principle for CVD reactors: the boundary condition control 61361
Kuhn, W.S. *see* Qu'Hen, B. 74179
Kuhn-Il Lee *see* Jong-Kook Jang 98237
Kuhne, H. Broad-band sine wave synthesiser of low distortion 113807
Kuhne, H., Fischer, A., Morgenstern, Th., Zaumseil, P. Adsorption controlled $Si_{(1-x)}Ge_x$ growth during chemical vapor deposition 103836
Kuhnel, C., Fischer, K. The combined use of DSP and microcontroller in a sensor node 79374
Kuhnel, S., Anderson, L., Gittins, G. The telecom industry of the 90's: gaining competitive advantage from information technology 87522
Kuhnel, V. *see* Kaatze, U. 70564
Kuhnen, K. *see* Kiefer, U. 90865
Kuhner, D., Ploner, P.P., Bleimann, K.R. Noise abatement for electric arc furnaces 91973
Kuhnl, U. *see* Berroth, M. 80846
Kuhrt, C. *see* Parhofer, S.M. 115622
Kui Fang *see* Fang Kui
Kui Luo *see* Luo Kui
Kui Zhao *see* Zhao Kui
Kuifan Shi *see* Shi Kuifan
Kuijer, L. *see* Luijckx, G. 79917
Kuijk, K.E. Combining passive- and active-matrix addressing of LCDs 69419
Kuijk, M. *see* Kirk, A.G. 85282
Kuijk, M. *see* Thienpont, H. 85190
Kuijlaars, K.J., Kleijn, C.R., Van den Akker, H.E.A. Modelling of transport phenomena and detailed chemistry in chemical vapour deposition equipment 63890
Kuijper, M., Rapisarda, P. A new solution method for systems of ODEs based on closed-loop behaviors 72411
Kuijt, J. *see* Noomen, J.G. 100546
Kuijuan Jin *see* Jin Kuijuan
Kuin Su Yan *see* Yan Kuin Su
Kuindersma, P.I. *see* Binsma, J.J.M. 65224
Kuiper, P. *see* Duda, L.C. 101004
Kuipers, J.J. *see* van de Stadt, H. 79097
Kuittinen, M., Turunen, J. Exact-eigenmode model for index-modulated apertures 116845
Kuivalainen, P. *see* Tarvainen, E. 93870
Kuiwei Zhang *see* Yicheng Lu 110196
Kuixiang Wang *see* Wang Kuixiang
Kuiying Xiao *see* Xiao Kuiying
Kujawska, T. *see* Filipczynski, L. 69977
Kujik, M. *see* Premont, G. 108492
Kuk, D., Fillion, R., Forman, G., Burdick, B. Single chip-on-flex: Chip scale packaging technology 92217
Kuk, Y. *see* Khang, Y. 63120
Kuk Chung Jin *see* Jin Kuk Chung
Kuk Hun *see* Hun Kuk
Kuk Ko Tae *see* Tae Kuk Ko
Kuk Young *see* Young Kuk
Kukas, A.W. *see* Velikov, D. 115046
Kukas, A.W. *see* Velikov, D. 115085
Kukelhan, J., DeLieto, T. Wetting balance measurements and related surface mount assembly defects 94086
Kukharev, V.N., Larin, V.V., Mal'tsev, A.N. Increasing the output power of a copper-vapor laser 65031
Kukhtin, V. *see* Braunschweig, W. 120173
Kukhtin, V. *see* Doinikov, N. 89963
Kukimoto, H. *see* Hara, K. 74158
Kukimoto, H. *see* Honda, T. 75949
Kukimoto, H. *see* Honda, T. 94680
Kukimoto, H. *see* Inoue, K. 74177
Kukjin Chun *see* Youngjoo Yee 84627
Kuklewicz, J. *see* Sands, N.P. 73578
Kukli, K., Ihanus, J., Ritala, M., Leskela, M. Tailoring the dielectric properties of HfO_2-Ta_2O_5 nanolaminates 75003
Kuklin, A.E. *see* Babin, S.A. 85364
Kukobawa, J. *see* Sasaki, H. 102425
Kuksenkov, D.V., Temkin, H. Polarization instability and mode partition noise in vertical-cavity surface-emitting lasers 65265
Kuksenkov, D.V., Temkin, H. Dynamic properties and performance of vertical-cavity surface-emitting lasers in polarization-selective free-space optical links 96334
Kuksenkov, D.V., Temkin, H., Yoshikawa, T. Dynamic properties of vertical-cavity surface-emitting lasers with improved polarization stability 85525
Kukushkin, A., McCarthy, J. Space and polarisation diversity in a microcellular channel 118896
Kukushkin, A., Sharp, I. Evaluation of DECT receiver performance 109532
Kukushkin, A.B., Rantsev-Kartinov, V.A. On the plasma-focus-produced spheromak for the D-^{3}He-fusion-based jet propulsion 111066
Kukushkin, I.V., Fal'ko, V.I., Haug, R.J., von Klitzing, K., Eberl, K. Magneto-optical evidence of the percolation nature of the metal-insulator transition in the two-dimensional electron system 74339
Kukushkin, I.V., Haug, R.J., von Klitzing, K., Eberl, K. Influence of scattering processes on the electronic properties of composite fermions 105251
Kukushkin, I.V. *see* Timofeev, V.B. 62798
Kukushkin, S.A. *see* Sakalo, T.V. 61331
Kukushkin, S.S. Increasing transmission efficiency for telemetry information by representing measurement results as systems of residue classes 76715
Kukutsu, N. *see* Yoshida, N. 85787
Kula, S. Structured cabling systems for buildings. Experiment of Lucent Technologies 118745
Kulac, I. *see* Meisels, R. 105249
Kulagin, O. *see* Andreev, N. 85697
Kulagin, V.V. *see* Gusev, A.V. 86213
Kulagin, Yu., Yarygina, V. Analysis of rate constants for oxygen-iodine active media 116322
Kulakov, F.M. *see* Kosarev, Y.A. 97599
Kulakov, G.I., Yakovitskaya, G.E. Nondestructive method of inspecting solids based on the recording of electromagnetic radiation 93005
Kulakov, M.A. *see* Zhang, Z. 82671
Kulakov, M.A. *see* Zotov, A.V. 72794
Kulakov, O.V. *see* Pyatak, N.I. 85930
Kulakov, S.V. *see* Kludzin, V.V. 64836
Kulakova, E.A. *see* Korzhuev, M.A. 74517
Kulakovskii, V.D. *see* Bayer, M. 62871
Kulander, K.C. *see* Schafer, K.J. 107493
Kulander, K.C. *see* Schafer, K.J. 107521
Kularajah, R. *see* Rayasam, R. 78581
Kularatna, A.D.V.N., Gunawardana, G., Wickremasinghe, P.M., Wijesundera, L. Recent developments related to new telecom services, private sector participation and regulatory policies in Sri Lanka 87541
Kulasekere, E.C., Premaratne, K., Bauer, P.H. Robustness of digital filters with respect to limit cycle behavior under coefficient perturbations 117385
Kulasekere, E.C. *see* Premaratne, K. 117311
Kulawik, J., Dziurdzia, B., Gandurska, J., Sniezynska, I., Marek, A., Zaraska, W. Line pattern formation by etching of fired thick-film 114451
Kulawik, J. *see* Gandurska, J. 69348
Kul'bachinskii, V.A., Lunin, R.A., Bogdanov, E.V., Kytin, V.G., Senichkin, A.P., Kadushkin, V.I. Quenching of photoconductivity by a strong electric field in tin δ-doped GaAs structures 62725
Kul'bachinskii, V.A. *see* Brandt, N.B. 63008
Kulchin, Y.N. *see* Vitrik, O.B. 89128
Kulchin, Yu.N., Vitrik, O.B., Kamenev, O.T., Kirichenko, O.V., Petrov, Y.S., Maksayev, O.G. Concepts of the neural network model realizing tomography data processing 85179
Kulchin, Yu.N. *see* Vitrik, O.B. 110189
Kulda, J., Saroun, J. Elastically bent silicon monochromator and analyzer on a TAS instrument 120043
Kulemin, G.P., Kurekin, A.A., Lukin, V.V., Zelensky, A.A. MM-wave multichannel remote sensing radar systems and algorithms of image processing 80594
Kulemin, G.P., Kurekin, A.A., Lukin, V.V., Zelensky, A.A. Soil characteristics estimation from multispectral and multipolarization radar remote sensing data 80612
Kuleshov, A.A. *see* Dutov, A.I. 85357
Kuleshov, A.A. *see* Dutov, A.I. 85367
Kuleshov, A.A. *see* Dutov, A.I. 107081
Kuleshov, A.A. *see* Dutov, A.I. 116354
Kuleshov, A.Ya. *see* Ablameyko, S.V. 108637
Kuleshov, V.K. *see* Berdonosov, V.S. 93002
Kulessa, T. *see* Stiebig, H. 100020
Kulesz, B. *see* Glinka, T. 112504
Kulesz, B. *see* Kochanowski, W. 112513
Kulevoy, T. *see* Kushin, V. 79805
Kuley, R.M. *see* Savoie, J.M. 108921
Kuleyev, I.G. *see* Tsidilkovski, I.M. 62730
Kulick, J.H. *see* Kowel, S.T. 95852
Kulick, S., Jones, M., Nordin, G., Lindquist, R., Kowel, S. Presentation and demonstration of a full color ICVision holographic stereogram display 100181
Kulick, T. Shape from shading using three images 87150
Kulicke, B. *see* Clodius, D. 70848
Kulicke, B. *see* Friedland, R. 101825
Kulicke, B. *see* Povh, D. 111492
Kulicke, B. *see* Rittiger, J. 81001
Kulicke, B. *see* Schreiner, W. 101721
Kuliev, Sh.M. *see* Aliev, A.A. 106960
Kulig, J. *see* Moylan, C.R. 64782
Kulik, A.J. *see* Burnham, N.A. 69512
Kulik, J. *see* Rabalais, J.W. 61287
Kulikov, A., Seeman, J., Zolotorev, M. The PEP-II high power beam dumping system 100743
Kulikov, A. *see* Wienands, U. 89916
Kulikov, A.L., Brandys, P.A., Ablekhin, D.M. Macrodigital method of realizing the algorithms of digital signal processing 117408
Kulikov, A.S. *see* Keilin, V.E. 103042
Kulikov, A.V. *see* Tang, H. 90106
Kulikov, K.M. *see* Gorelik, L.I. 99984
Kulikov, M.V. *see* Balandikov, N.I. 120111
Kulikov, M.V. *see* Ershov, V.P. 120113
Kulikov, M.V. *see* Ershov, V.P. 120114
Kulikov, M.V. *see* Ershov, V.P. 120115
Kulikov, S.M. *see* Bel'kov, S.A. 85699
Kulikov, S.M. *see* Belkov, S.A. 116681
Kulikov, S.M. *see* Kochemasov, G.G. 116311
Kulikov, S.M. *see* Kochemasov, G.G. 116334
Kulikov, V.A. *see* Gudkov, A.L. 110346
Kulikov, V.B. *see* Avetisjan, G.H. 99978
Kulikov, V.N., Malov, A.N., Zhmurova, L.I. Systems with optical aperture synthesis and their application 86472
Kulikov, Yu.V. *see* Baldin, A.M. 90061
Kulikova, I. *see* Friemelt, K. 83888
Kulipanov, G.N., Sokolov, A.S., Vinokurov, N.A. Coherent undulator radiation of an electron beam, microbunched for the FEL power outcoupling 107387
Kulipanov, G.N. *see* Gluskin, E. 101000
Kulipanov, G.N. *see* Vinokurov, N.A. 96552
Kulisch, W. *see* Jansen, E. 89540
Kulish, N.R., Kunets, V.P., Lisitsa, M.P., Malysh, N.I., Rykov, V.J. Influence of light polarization on the absorption saturation in a bulk CdSe 107538
Kulish, N.R., Lisitsa, M.P., Malysh, N.I. Urbach rule validity for optical absorption saturation in semiconductors 107537
Kulish, S.N., Ponomarev, V.I., Basarab, M.A. Three dimensional model of heat diffusion processes in linear multi-element IR receiver 100032
Kulka, Z. *see* Bergauer, H. 69856
Kulkarni, A.D. *see* Ananthapadmanabha, T. 101987
Kulkarni, A.K., Knickerbocker, S.A. Estimation and verification of the electrical properties of indium tin oxide based on the energy band diagram 94372
Kulkarni, A.M. *see* Padiyar, K.R. 111624
Kulkarni, B.M. *see* Bhise, B.V. 83866
Kulkarni, H.V., Rattihalli, R.N. Characterization of bivariate mean residual-life function 82336
Kulkarni, L.A., San-Qi Li Traffic modeling: matching the power spectrum and distribution 77717
Kulkarni, L.A., San-Qi Li Transient behaviour of queueing systems with correlated traffic 118049
Kulkarni, M. *see* Izatt, J.A. 120406
Kulkarni, M.D., Izatt, J.A. Spectroscopic optical coherence tomography 120409
Kulkarni, M.G. Pendent chain linked delivery systems: from concept to practice 70181
Kulkarni, P.J., Kulkarni, P.P. Multiprocessor based adaptive image vector quantizer in the DCT domain 98118
Kulkarni, P.P. *see* Kulkarni, P.J. 98118
Kulkarni, P.V. *see* Fernando, J.L. 80259

Kulkarni, S., Mazumder, F., Haddad, G.I. A high-speed 32-bit parallel correlator for spread spectrum communication 99126
Kulkarni, S.D. *see* Nawathey-Dikshit, R. 72977
Kulkarni, S.K. *see* Ansari, S.G. 110249
Kulkarni, S.K. *see* Jayakrishnan, R. 72860
Kulkarni, S.K. *see* Kuruvilla, B.A. 84151
Kulkarni, S.K. *see* Panse, M.S. 120442
Kulkarni, S.R., Zeitouni, O. On the existence of strongly consistent rules for estimation and classification 66632
Kulkarni, S.R. *see* Karl, W. 67078
Kulkarni, S.R. *see* Posner, S.E. 66198
Kulkarni, S.R. *see* Wai-Man Lam 66386
Kulkarni, S.R. *see* Wang, S. 108503
Kulkarni, S.R. *see* Yap-Peng Tan 86873
Kulkarni, S.Y., Murthy, K.V.V. Multichip module structures for minimising crosstalk effects in high-speed applications 73901
Kulkarni, S.Y., Murthy, K.V.V., Prasad, N.N.S.S.R.K., Patro, Y.G.K. High frequency characterisation of multilayer PCBs 73853
Kulkarni, V.G. *see* Narayanan, A. 103565
Kulkarni, V.N. *see* Dhar, S. 105745
Kulkarni, V.N. *see* Giri, P.K. 83809
Kulkarnia, D. *see* Ananthapadmanabha, T. 102061
Kulke, R., Pogatzki, P., Kother, D., Sporkmann, T., Wolff, I. Enhancement of coplanar capacitor models and verification up to 67 GHz for (M)MIC circuit design 62328
Kulke, R., Sporkmann, T., Wolff, I., Rosario, M.J., Fortes, F. Active coplanar up-converter for high gain V-band applications 83483
Kulke, R., Sporkmann, Th., Wolff, I., Rosario, M.J., Fortes, F. Active coplanar up-converter for high gain V-band applications 83455
Kulke, R., Wolff, I. Design of passive coplanar filters in V-band 93727
Kulke, R. *see* Pogatski, P. 62327
Kulke, R. *see* Rosario, M.J. 83436
Kullander, S. *see* Calen, H. 120194
Kullander, S. *see* Ekstroem, C. 69681
Kullander, S. *see* Ronnqvist, C. 101310
Kuller, L. *see* Ludwig, R. 78784
Kuller, L. *see* Von Helmolt, C.H. 78823
Kuller, L. *see* Von Helmolt, C.H. 78873
Kullman, L. *see* Azens, A. 75389
Kul'minskii, A., Serrat, C., Vilaseca, R., Corbalan, R. Polarization chaos in optically pumped lasers 116585
Kul'minskii, A.M. *see* Voitovich, A.P. 65047
Kuloor, R., Rajakesari, M.A., Vishnuvardhana Rao, K. A programmable pulse compression matched filter adaptable on-line to dynamically changing radiated waveforms 70604
Kuloor, R. *see* Vishnuvardhana Rao, K. 70607
Kulp, T.J., McRae, T. Active infrared imagers visualize gas leaks 89151
Kulp, T.J. *see* Powers, P.E. 110431
Kulterman, R.W. *see* Vanderlee, K.A. 114463
Kulyagina, E.A. *see* Arsenyan, T.I. 107674
Kulys, J., Klitgaard, P., Hansen, H.E. Bioelectrode response modulation caused by periodical carbon paste filling process 69330
Kulyuk, L. *see* Friemelt, K. 83888
Kum Sangho *see* Sangho Kum
Kum-Khiong Yang Effects of erroneous estimation of activity durations on scheduling and dispatching a single project 112852
Kuma, H. *see* Yoko, H. 97588
Kuma, S. *see* Sasaoka, T. 84866
Kumada, A. *see* Tanimura, D. 88916
Kumada, M. Mode analysis of synchrotron magnet strings 100737
Kumada, M. *see* Kihwan Ju 69934
Kumada, T. *see* Horibe, H. 115112
Kumada, T. *see* Yamazaki, I. 60693
Kumagai, H., Nakamura, K., Hanado, H., Okamoto, K., Hosaka, N., Miyano, N., Kozu, T., Takahashi, N., Iguchi, T., Miyauchi, I. CRL airborne multiparameter precipitation radar (CAMPR): system description and preliminary results 90788
Kumagai, H. *see* Hanado, H. 111208
Kumagai, H. *see* Ilev, I. 76148
Kumagai, H. *see* Ilev, I.K. 107157
Kumagai, H. *see* Ilev, I.K. 119711
Kumagai, H. *see* Sato, K. 111206
Kumagai, H. *see* Zeng, H.C. 61143
Kumagai, K., Matsui, S. Magnetic performance of injection bump magnet for the SPring-8 Storage Ring 100440
Kumagai, M. *see* Sakaguchi, M. 74542
Kumagai, M. *see* Sakaguchi, M. 105555
Kumagai, N. *see* Fujihira, T. 106128
Kumagai, N. *see* Ohnishi, J. 100646
Kumagai, N. *see* Watanabe, K. 112274
Kumagai, S. *see* Hayden, R.K. 74394
Kumagai, S. *see* Imura, S. 73455
Kumagai, S. *see* Liu, J. 100500
Kumagai, S. *see* Miyamoto, T. 83042
Kumagai, S. *see* Yamaguchi, M. 73295
Kumagai, S. *see* Yoshimura, N. 64156
Kumagai, T., Kobayashi, K. A new group demodulator with multi-symbol chirp Fourier transform for mobile communication systems 68347
Kumagai, Y., Ishimoto, K., Mori, R., Keh-Ming Tee, Ishibashi, T., Kawabe, M., Hasegawa, F. 4-monolayer-height layer-by-layer growth and increase of the critical thickness of Ge heteroepitaxy on boron-preadsorbed Si(111) surface 61225
Kumagai, Y. *see* Liu, Y.C. 117830
Kumagai, Y. *see* Mori, R. 63341
Kumagai, Y. *see* Odagiri, H. 104560
Kumagai, Y. *see* Okuyama, S. 69369
Kumagai, Y. *see* Takeuchi, A. 104060
Kumagawa, H. *see* Uchihori, Y. 91943
Kumagawa, M. *see* Gong, X.Y. 92751
Kumagawa, M. *see* Hayakawa, Y. 82651
Kumagawa, M. *see* Hayakawa, Y. 92666
Kumagawa, M. *see* Hayakawa, Y. 113269
Kumagawa, M. *see* Ozawa, T. 92665
Kumagawa, M. *see* Yoshiue, T. 72743
Kumagiri, K. *see* Ishida, R. 78546
Kumahara, N. *see* Nagai, Y. 98963
Kumahara, N. *see* Nojiri, H. 98876
Kumahara, N. *see* Pax, P. 99179
Kumai, H., Niiyama, S., Ooi, Y., Tahara, S., Hirai, Y., Wakabashi, T., Gunjima, T. Morphology and ordering control in LCPC 95853
Kumai, H. *see* Hirai, Y. 89447
Kumaki, K. *see* Ohnishi, N. 67317
Kumaki, Y. *see* Serizawa, M. 118572
Kumakura, E. *see* Hatakeyama, Y. 80219
Kumakura, H. Review of HTS wire and cable research in Japan 84856
Kumakura, H. *see* Fukushima, K. 115957
Kumakura, H. *see* Hasegawa, T. 106729
Kumakura, H. *see* Kitaguchi, H. 64527
Kumakura, H. *see* Kitaguchi, H. 84863
Kumakura, H. *see* Okada, M. 75364
Kumakura, H. *see* Okada, M. 75365
Kumakura, H. *see* Tomita, N. 64580
Kumakura, H. *see* Tomita, N. 84920
Kumakura, K. *see* Fukui, T. 61297
Kumakura, T., Kan, S., Hiraoka, K., Ikame, M. Characteristics of stoichiometric H_2-O_2 combustion in water with premixing and diffusion burners 91342
Kumamaru, K. *see* Inoue, K. 111762
Kumamaru, N. *see* Yoshmura, K. 66585
Kumamaru, T. *see* Cho, Y. 84670
Kumamoto, E. *see* Fujii, S. 101427
Kumamoto, H. *see* Matsuzaki, S.-I. 103149
Kumamoto, T. *see* Toraichi, K. 77486
Kumanbara, T. *see* Yamamoto, H. 64469
Kumano, H. *see* Uesugi, K. 103833
Kumano, M. *see* Onishi, K. 119493
Kumano, T. *see* Kasahara, H. 95568
Kumano, T. *see* Kato, T. 121085
Kumano, T. *see* Miyake, S. 106730
Kumano, T. *see* Taniguchi, H. 102632
Kumano, T. *see* Yue-Jin Tang 71383
Kumanoya, M., Ogawa, T., Konishi, Y., Dosaka, K., Shimotori, K. Trends in high-speed DRAM architectures 61904
Kumanoya, M. *see* Dosaka, K. 61894
Kumanoya, M. *see* Dosaka, K. 73335
Kumanoya, M. *see* Dosaka, K. 93377
Kumanoya, M. *see* Shimizu, T. 73431
Kumar, A. Third generation personal communication systems 99285
Kumar, A., Kamra, K., Singh, K. In-plane displacement measurement using objective speckles in photorefractive two-beam coupling: effect of multiple exposures 69503
Kumar, A., Kumar, A. Properties of bright solitons in averaged and unaveraged models for SDG fibres 65475
Kumar, A., Kumar, A., Kurz, T., Lauterborn, W. A comparative study of bright solitons in doped fibres with saturating nonlinearity 65501
Kumar, A., Kumar, B. Analytical design of optimum FIR digital integrators 73562
Kumar, A., Mullick, S.K. Nonlinear dynamical analysis of speech 86144
Kumar, A. *see* Abdulla, M.F. 93319
Kumar, A. *see* Aravinda Narayanan, R. 105196
Kumar, A. *see* Bose, D.N. 104075
Kumar, A. *see* Chan, A.B.Y. 115214
Kumar, A. *see* Fang Feng 87409
Kumar, A. *see* Gaddis, N.B. 73429
Kumar, A. *see* Gautam, J.K. 97792
Kumar, A. *see* Jai Krishna Gautam 66670
Kumar, A. *see* Jain, S.R. 111720
Kumar, A. *see* Kumar, A. 65475
Kumar, A. *see* Kumar, A. 65501
Kumar, A. *see* Kumar, B. 117309
Kumar, A. *see* Pal Singh, J. 93336
Kumar, A. *see* Patel, R.S. 84220
Kumar, A. *see* Singh, I. 69403
Kumar, A. *see* Sridhar, R. 77644
Kumar, A. *see* Stern, F. 63264
Kumar, A.Anil *see* Anil Kumar, A.
Kumar, A.B.R., Brandwajn, V., Ipakchi, A., Adapa, R. Integrated framework for dynamic security analysis 101882
Kumar, A.H., Prabhu, A.N., Pendrick, V.A., Thaler, B.J. Versatile, low cost, multilayer ceramic board on metal core 92269
Kumar, A.P. *see* Reddy, K.V. 112412
Kumar, A.V.R., Jain, K.K. Propagation of sheet electron beam through a planar, five-period electromagnetic wiggler 85544
Kumar, B., Choudhury, D.R., Kumar, A. On the design of linear phase, FIR integrators for midband frequencies 117309
Kumar, B. *see* Kumar, A. 73562
Kumar, B.P., Branner, G.R. Near-field analysis of spherical loop arrays 108085
Kumar, B.P., Branner, G.R., Thomas, D.G., Jr. A reduced size planar balun structure for wireless microwave and RF applications 83303
Kumar, B.Preetham *see* Preetham Kumar, B.
Kumar, B.S. *see* Chikanian, A. 69869
Kumar, B.V.K.V. *see* Ozgunes, I. 85149
Kumar, B.V.K.V. *see* Richard, S. 98209
Kumar, B.V.K.Vijaya *see* Vijaya Kumar, B.V.K.
Kumar, Ch.Hemachandra *see* Hemachandra Kumar, Ch.
Kumar, D., Westberg, U. Proportional hazards modeling of time-dependent covariates using linear regression: a case study [mine power cable reliability] 122112
Kumar, E.M. *see* Karunakara, K. 71012
Kumar, F.J., Moorthy, S.G., Jayaraman, D., Subramanian, C. Estimation of metastable zone width, interfacial energy and growth rates of $KTiOPO_4$ crystallizing from $K_6P_4O_{13}$ flux by hot stage microscopy 61140
Kumar, G. *see* Rathi, V. 97292
Kumar, G.N.S., Harinath Reddy, K. Novel techniques in high speed modem implementation using programmable DSPs 67982
Kumar, G.V.D.A., Kumar, S., Mishra, R., Wadhonkar, N.K. Stepper motor drive for on load tapchanger in electric locomotive 112578
Kumar, J. GaAs and InP single crystal growth and their characterisation 113271
Kumar, J. *see* Arulkumaran, S. 105598
Kumar, J. *see* Chand, S. 83977
Kumar, J. *see* Chand, S. 105444
Kumar, J. *see* Chand, S. 105871
Kumar, J. *see* Chand, S. 105876
Kumar, J. *see* Friedman, V. 68155
Kumar, J. *see* Gao, H.H. 89180
Kumar, J. *see* Jiang, X.L. 107550
Kumar, J. *see* Lian Li 65474
Kumar, J. *see* Tripathy, S. 85591
Kumar, J. *see* Yadav, K.S. 106008
Kumar, K. *see* Chaku, V. 106975
Kumar, K. *see* Chou, A.I. 94689
Kumar, K. *see* Chuan Lin 105563
Kumar, K. *see* Petrovich, A. 79301
Kumar, K.Anoop *see* Anoop Kumar, K.
Kumar, K.Kennedy *see* Kennedy Kumar, K.
Kumar, K.N.Sunil *see* Sunil Kumar, K.N.
Kumar, L.N., Bovopoulos, A.D. 3-tier structured access protocol to control unfairness in DQDB MANs 98446
Kumar, M., Chatterji, B.N., Mukherjee, J., Das, P.P. Representation of 2D and 3D binary images using medial circles and spheres 98233
Kumar, M., Kouloheris, J.L., McHugh, M.J., Kasera, S. A high performance video server for broadband network environment 87923
Kumar, M. *see* Jaggi, A.L. 70772
Kumar, M. *see* Singh, N.B. 105683
Kumar, M.P. *see* Wasz, M.L. 112297
Kumar, M.P.S., Wenlin Zhang, Petrov, K., Srinivasan, S., Adzic, G.D., Johnson, J.R., Reilly, J.J., Schwarz, R.B. Surface modification, by coating of alloys, to improve performance of metal hydride electrodes 71651
Kumar, M.P.S. *see* Adzic, G.D. 71642
Kumar, M.P.S. *see* Mukerjee, S. 71643
Kumar, M.P.Sridhar *see* Sridhar Kumar, M.P.
Kumar, M.R.Pavan *see* Pavan Kumar, M.R.
Kumar, M.Satish *see* Satish Kumar, M.
Kumar, M.V., Plummer, J.D., Lukaszek, W. A test structure advisor and a coupled, library-based test structure layout and testing environment 115304
Kumar, M.V.Chaitanya *see* Chaitanya Kumar, M.V.
Kumar, N. Plasma processing for field emission displays 105085
Kumar, N., Schmidt, H.K., Clark, M.H., Ross, A., Lin, B., Fredin, L., Baker, B., Patterson, D., Brookover, W., Xie, C., Hilbert, C., Fink, R.L., Potter, C.N., Krishnan, A., Eichman, D. Development of nano-crystalline diamond-based field-emission displays 89367
Kumar, N. *see* Dave, M.P. 102046
Kumar, N. *see* Dave, M.P. 111565
Kumar, N. *see* Dave, M.P. 121146
Kumar, N. *see* Fink, R.L. 89322
Kumar, N. *see* Misra, S.C.K. 110268
Kumar, N.R. *see* Verma, P.R. 106213
Kumar, N.S.Suresh *see* Suresh Kumar, N.S.
Kumar, N.Vinod *see* Vinod Kumar, N.
Kumar, N.V.V.R., Rajgopal, P.V., Saxena, S.N., Mondal, S.K., Muni, B.P., Vithal, J.V.R. A new GTO-based single-phase to three-phase static converter for loco auxiliaries 112577
Kumar, P., Bhatia, D. A note on symmetric duality for multiobjective non-linear program 82466
Kumar, P., Garg, R., Thomas, M.S. Some studies of corona noise interference due to EHV lines 81099
Kumar, P., Ibraheem AGC strategies. A comprehensive review 80885
Kumar, P., Ibraheem AGC strategies–a comprehensive review 111712
Kumar, P., Singh, J., Manchanda, R., Bhattacharya, D.K., Kesavan, R. Low temperature hydrogen passivation for W-band silicon IMPATT diodes 104847
Kumar, P. *see* Arora, R.S. 104001
Kumar, P. *see* Caplan, D.O. 110414
Kumar, P. *see* Caplan, D.O. 116703
Kumar, P. *see* Datta, P. 104000

Kumar, P. *see* SunHyun Youn 116737
Kumar, P.S., Holtzman, J. Power control for a spread spectrum system with multi-user receivers 88388
Kumar, P.S., Roy, S. Optimization for crosstalk suppression with noncoordinating users 87272
Kumar, P.Sarath *see* Sarath Kumar, P.
Kumar, P.V. *see* Helleseth, T. 66360
Kumar, P.V. *see* Helleseth, T. 66369
Kumar, P.V. *see* Helleseth, T. 66446
Kumar, P.V. *see* Helleseth, T. 76789
Kumar, P.V. *see* Yang, K. 97562
Kumar, P.Vijay *see* Vijay Kumar, P.
Kumar, R., Anandan, P., Hanna, K. Shape recovery from multiple views: a parallax based approach 77309
Kumar, R., Hanna, K., Asmuth, J.C., Bergen, J., Hulka, C., Kopans, D.B., Weisskoff, R., Moore, R. Detecting lesions in magnetic resonance breast scans 69937
Kumar, R., Nelvagal, S.S., Marcus, S.I. Protocol conversion using supervisory control techniques 118144
Kumar, R., Onda, S., Hara, K., Kuno, H., Matsui, T., Kachi, T. A quantum structure for high-temperature operation of AlGaAs lasers: multiple-quantum barrier and multiple-quantum well in active region 75984
Kumar, R. *see* Agrawal, R.C. 71638
Kumar, R. *see* Awasthy, B.R. 112413
Kumar, R. *see* Irani, M. 86626
Kumar, R. *see* Kishore, R. 112414
Kumar, R. *see* Nakagawa, O.S. 63442
Kumar, R. *see* Pandey, Y.K. 118243
Kumar, R. *see* Verma, A.K. 73621
Kumar, R. *see* Verma, A.K. 83301
Kumar, R. *see* Verma, A.K. 85945
Kumar, R. *see* Verma, A.K. 93675
Kumar, R.R., Aditya, S., Chadha, D. Characteristics of a shielded dielectric-loaded edge-coupled conductor-backed coplanar waveguide 65964
Kumar, R.Rajesh *see* Rajesh Kumar, R.
Kumar, R.V.R., Rao, C.B.R. Mean-convergence behavior of adaptive identification algorithms for pole-zero systems 86282
Kumar, S. Statistical process control for test and scan processes at final test operation of an integrated circuit 63867
Kumar, S., Alzoubi, M.F., Allsayyed, N.A. Wheel/rail adhesion wear investigation using a quarter scale laboratory testing facility 82800
Kumar, S., Dixit, P.N., Sarangi, D., Bhattacharyya, R. Comparative study of hydrogenated amorphous carbon (a-C:H) films grown by PECVD technique using 13.56 MHz and 100 MHz frequencies 104142
Kumar, S., Garg, A.K., Chavada, F.R., Gupta, S.C. Growth and characterization of thin $Hg_{1-x}Cd_xTe$ epitaxial layers grown from Hg-rich solutions 104076
Kumar, S., Ghose, A. Extension of VSAT network using spread spectrum radio 109601
Kumar, S., Goh Jing Sua, Wai, D.L.T. Temperature cycle-induced die metal shearing in surface mount devices after infra red/vapour phase reflow 72303
Kumar, S., Ravindranathan, P., Dewan, H.S., Roy, R. Survival of diamond at 2200°C in hydrogen 104151
Kumar, S., Vaman, D.R. An access protocol for supporting multiple classes of service in a local wireless environment 67747
Kumar, S. *see* Agarwal, P. 105204
Kumar, S. *see* Aggarwal, K.K. 67855
Kumar, S. *see* Aparna, C.S. 116055
Kumar, S. *see* Kumar, G.V.D.A. 112578
Kumar, S. *see* Malhotra, M. 82710
Kumar, S. *see* Pal Singh, J. 93336
Kumar, S. *see* Panicker, J. 78538
Kumar, S. *see* Patel, P. 85144
Kumar, S. *see* Sato, M. 87947
Kumar, S. *see* Wo, D. 93651
Kumar, S. *see* Xie, H.A. 68987
Kumar, S.A., Nagendra, C.L., Thutupalli, G.K.M. Low-reflection-loss attenuator optical coatings: theory and experiment 85237
Kumar, S.P. *see* Harris, J.M. 109523
Kumar, S.P.R. *see* Argyropoulos, Y. 99205
Kumar, S.S. *see* Newman, D. 98969
Kumar, S.S. *see* Newman, D. 118709
Kumar, S.Sudhir *see* Sudhir Kumar, S.
Kumar, T., Cahay, M., Roenker, K. Trends in the emitter-base bias dependence of the average base transit time through abrupt heterojunction bipolar transistors 115159
Kumar, T., Srinivasan, V., Vemuri, R. Hierarchical behavioral partitioning for multicomponent synthesis 113679
Kumar, T. *see* Aggarwal, R.K. 121429
Kumar, T. *see* Shi, S. 105892
Kumar, U. VLSI interconnection modelling using a finite element approach 74811
Kumar, U. A detailed analytical study of non-linear semiconductor device modelling 84281
Kumar, U. MOSSIM: metal oxide semiconductor device simulation package 84454
Kumar, U., Mital, P.B. Design, fabrication, and comparative study of electronically tunable active filters 83200
Kumar, U., Mital, P.B. Analysis of the charge transfer in CCDs including the effect of surface states and a varying fringing field 84459
Kumar, U. *see* Greenstein, M. 90373
Kumar, U. *see* Kumar, V. 92104
Kumar, U. *see* Mital, R.K. 88133
Kumar, V., Persaud, A.N.S., Kumar, U. To terminate or not an ongoing R&D project: a managerial dilemma 92104
Kumar, V. *see* Aggarwal, M.M. 69839
Kumar, V. *see* Anand, R.S. 120425
Kumar, V. *see* Dhar, V. 106974
Kumar, V. *see* Dubey, G.C. 105680
Kumar, V. *see* Dutta, P.S. 61182
Kumar, V. *see* Dutta, P.S. 105160
Kumar, V. *see* Dutta, P.S. 105681
Kumar, V. *see* Dutta, P.S. 114630
Kumar, V. *see* Krishnagopal, S. 96459
Kumar, V. *see* Krishnagopal, S. 107386
Kumar, V. *see* Lalgudi, H. 87590
Kumar, V. *see* Singh, V. 112411
Kumar, V.Ajay *see* Ajay Kumar, V.
Kumar, V.J. *see* Atmanand, M.A. 69436
Kumar, V.J. *see* Atmanand, M.A. 119562
Kumar, V.P. *see* Chiussi, F.M. 77666
Kumar, V.P. *see* Chiussi, F.M. 87345
Kumar Basu, S. *see* Bandyopadhyay, D. 69772
Kumaran, K., Lubachevsky, B., Elwalid, A. Massively parallel simulations of ATM systems 77625
Kumaran, K. *see* Geiger, D. 67253
Kumaran, K. *see* Geiger, D. 86376
Kumaran, S., Quinn, M.J. Automatic exploitation of dual level parallelism on a network of multiprocessors 109110
Kumarasamy, S. *see* Pinkston, T.M. 85176
Kumaraswamy, R. Satellite solutions for the oil and gas industry 88426
Kumaravel, N., Sridhar, K.S., Nithiyanandam, N. Automatic diagnosis of heart diseases using neural network 70150
Kumari, K.P., Mohandas, K.P., Thiruvengadam, S. Land use based distribution load forecasting–a case study using different modelling techniques 121112
Kumari, M.K. *see* Maruthi, R. 70946
Kumarl, S., Li Mo, Motlan, Tansley, T.L. Elemental composition of reactively sputtered indium nitride thin films 61396
Kumasaka, K. *see* Fuda, Y. 119800
Kumasaka, K. *see* Nakamura, K. 84729
Kumasaka, K. *see* Nakamura, K. 106401
Kumasaka, N. *see* Otomo, S. 75196
Kumata, I. *see* Kurokawa, M. 77536
Kumata, Y. *see* Suezawa, H. 94173
Kumazaki, H., Inaba, S., Hane, K. Temperature characteristics of vibrating type sensor using micromachined optical fiber-tip 79508
Kumazaki, H., Inaba, S., Hane, K. Pressure dependence of resonance characteristics of the microcantilever fabricated from optical fiber 100070
Kumazaki, T. *see* Kawata, Y. 80359
Kumazaki, T. *see* Kawata, Y. 101318
Kumazawa, R. *see* Ishida, M. 75046
Kumazawa, R. *see* Mitsui, H. 79765
Kumazawa, R. *see* Mutoh, T. 108043
Kumazawa, Y. *see* Tsuno, T. 113313
Kumbera, D.G. *see* McCall, L.V. 102891
Kumbhakar, S.C. Estimation of cost efficiency with heteroscedasticity: an application to electricity utilities 111521
Kumbhare, S.R. *see* Navathe, C.P. 85558
Kumble, C.S. *see* Chen, X.R. 80887
Kumble, C.S. *see* Chen, X.R. 101967
Kumble, C.S. *see* Chen, X.R. 111470
Kumble, C.S. *see* Chen, X.R. 111562
Kume, H. *see* Adachi, T. 83123
Kume, H. *see* Kawahara, T. 73347
Kume, M., Maeda, A., Tanuma, T., Kuroki, K. Giant magnetoresistance effect in multilayered wire arrays 84813
Kume, M. *see* Nagai, H. 107205
Kume, M. *see* Tanuma, T. 75238
Kume, M. *see* Tsujioka, T. 106765
Kume, N. *see* Hara, K. 118701
Kume, S. *see* Ishii, S. 119445
Kume, T. *see* Kawamura, A. 71821
Kume, Y. *see* Takaki, Y. 86893
Kumeda, M. *see* Masuda, A. 105658
Kumeda, M. *see* Qing Zhang 94406
Kumeda, M. *see* Quing Zhang 105195
Kumeda, M. *see* Shimizu, T. 83876
Kumer, J.B. *see* Lambert, A. 120778
Kumeta, M. *see* Hashimoto, Y. 73176
Kumin, A.N. *see* Voitikov, S.V. 107234
Kumita, T. *see* Kasuga, S. 80014
Kumita, T. *see* Okugi, T. 100782
Kummel, S., Schill, A., Schumann, K., Ziegert, T. An adaptive data distribution system for mobile environments 118910
Kummel, S., Schill, A., Volkmann, G. RPC over advanced network technologies: evaluation and experiences 118343
Kummel, S. *see* Schill, A. 77914
Kummel, S. *see* Schill, A. 87667
Kummerow, C., Giglio, L. A method for combining passive microwave and infrared rainfall observations 90769
Kummerow, C., Olson, W.S., Giglio, L. A simplified scheme for obtaining precipitation and vertical hydrometeor profiles from passive microwave sensors 111230
Kummerow, C. *see* Negri, A.J. 90768
Kummerow, C. *see* Simpson, J. 120768
Kumozaki, K. *see* Kikushima, K. 68489
Kumozaki, K. *see* Kikushima, K. 98909
Kumpan, S.A. *see* Paisner, J.A. 85412
Kumpart, J. *see* Fiedler, O. 69506
Kumpe, G. *see* Moser, H.O. 79772
Kumskov, M.I., Mityushev, D.F. Solving the inverse problem of molecular graph recognition by constructing minimal paths in a labeled graph space 67178
Kumskov, M.I., Mityushev, D.F. Expert generation of metrics in recognition of molecular graphs: nonparametric estimation of properties of substances 67179
Kumwachara, K. *see* Surakampontorn, W. 62083
Kumykov, K.K. *see* Bezotosnyi, V.V. 116543
Kun, H. *see* Ishikawa, Y. 73458
Kun, L.E. *see* Yeung, D. 120390
Kun Bian *see* Yongming Li 93232
Kun Ho Kim *see* Hyeon Soo Kim 61192
Kun Jong Park *see* Park Kun Jong
Kun Kim *see* Jong-Gul Yoon 61162
Kun Kim Hyung *see* Hyung Kun Kim
Kun Kim Nyung *see* Nyung Kun Kim
Kun Lee Chung *see* Chung Kun Lee
Kun Lim Tong *see* Tong Kun Lim
Kun Liu, Song Wun Tao Throughput analysis of a packet radio network using slotted DS/CDMA protocol 118812
Kun Liu *see* Liu Kun
Kun Liu Hua *see* Hua Kun Liu
Kun Ma *see* Ma Kun
Kun Suk Kim, Jae Doo Huh, Dae Ung Kim The implementation of billing service function in communication processing system 67691
Kun Suk Kim, Pyung Dong Cho Multimedia data transfer for supporting middleware service 118629
Kun Tang *see* Tang Kun
Kun Wang, Pavlidis, D., Singh, J. Initial stages of GaN/GaAs(100) growth by metalorganic chemical vapor deposition 92871
Kun Wang *see* Wang Kun
Kun-Chou Lee, Tah-Hsiung Chu A circuit model for mutual coupling analysis of a finite antenna array 108065
Kun-Ho Kim *see* Ki-Cheol Park 105157
Kun-Lung Wu, Yu, P.S. Consumption-based buffer management for maximizing system throughput of a multimedia system 98850
Kun-Mu Chen *see* Chih-Wei Chang 92981
Kun-Wah Yip, Johnny Yat-Hong Sung, Tung-Sang Ng Error probabilities of synchronous DS/CDMA communications over multipath Rayleigh fading channels 118751
Kun-Wah Yip *see* Sung, J.Y.-H. 119087
Kun-Wei Lin, Han-Ping, Shieh, D. Image quality on liquid-crystal projection displays with optical depixelization 89337
Kun-Wei Lin *see* Wen-Chau Liu 105491
Kun-Woen Song, Gi-Seok Kim, Kyoeng-Hoon Do, Yeong-Ho Ha Classification of scaled textured images using normalized pattern spectrum based on mathematical morphology 67378
Kun-Yuan Huang *see* Hong-Tzer Yang 80817
Kunath, R. *see* Nguyen, H. 116110
Kunc, V. *see* Vodopivec, A. 62076
Kuncheva, L.I., Krishnapuram, R. A fuzzy consensus aggregation operator 60808
Kunchi Peng *see* Kuanshou Zhang 85439
Kunchi Peng *see* Peng Kunchi
Kundaeli, H.N. The effect of synchronization codes on system design parameters 76683
Kundel, H. *see* Horii, S. 111010
Kundel, H.L., Redfern, R., Langlotz, C., Grossman, R., Brikman, I., Horii, S.C., Feingold, E., Nodine, C.F. Workflow in a neuroradiology reading room using multiviewers 111008
Kundel, H.L. *see* Langlotz, C.P. 111011
Kundel, H.L. *see* Redfern, R. 110723
Kundert, K. *see* Telichevesky, R. 82854
Kundert, K. *see* Telichevesky, R. 113664
Kundert, K. *see* Telichevesky, R. 113712
Kundert, K. *see* Thodesen, Y. 93045
Kundrotas, J., Dargys, A., Cesna, A. Shallow donor impact ionization in n-InP and n-GaAs: influence of doping and compensation 62731
Kundu, A. *see* Wen-Rong Wu 76976
Kundu, D., Mitra, A. Asymptotic properties of the least squares estimates of 2-D exponential signals 66768
Kundu, R.S., Bhatia, K.L., Kishore, N., Singh, M., Singh, P., Sharma, A. Zn-induced structural modifications in $Se_{80-x}Te_{20}Zn_x$ semiconducting system 104140
Kundu, S. *see* Biswas, D. 105377
Kundu, S. *see* Osyczka, A. 103685
Kundu, T., Maslov, K., Karpur, P., Matikas, T.E., Nicolaou, P.D. A Lamb wave scanning approach for the mapping of defects in [0/90] titanium matrix composites 61466
Kundur, D., Hatzinakos, D. Blind image deconvolution 67070
Kundur, P. *see* Gao, B. 101732
Kundur, P. *see* Varma, R.K. 70723
Kunduru, J. *see* Kuo, S.M. 109372
Kunert, B. *see* Pietzsch, J. 99482
Kunets, V.P. *see* Kulish, N.R. 107538
Kung, D.S. *see* Stok, L. 113637
Kung, F.H. *see* Sanghera, J.S. 64713

Kung, H.T. *see* Morris, R. 78052
Kung, J. *see* Hatalis, M.K. 84399
Kung, P., Saxler, A., Zhang, X., Walker, D., Lavado, R., Razeghi, M. Metalorganic chemical vapor deposition of monocrystalline GaN thin films on β-LiGaO$_2$ substrates 113291
Kung, P., Saxler, A., Zhang, X., Walker, D., Razeghi, M., Ulmer, M.P. GaN, GaAlN, and AlN for use in UV detectors for astrophysics: An update 100008
Kung, P. *see* Bocek, D. 96450
Kung, P. *see* Saxler, A. 100009
Kung, P. *see* Zhang, X. 94633
Kung, P.-J., Flynn, E.R., Bracht, R.R., Lewis, P.S. Evaluation of superconducting quantum interference devices interfaced with digital signal processing electronics for biomagnetic applications 101053
Kung, P.-J. *see* Bracht, R.R. 101143
Kung, R. *see* Dupuy, F. 67890
Kung, S.Y. Applications of neural networks to biometric identification for security enhancement 98346
Kung, S.Y., Lin, Y.-T. A new SVD approach to object-based segmentation and 3-D motion-compensation for video coding 98177
Kung, S.Y. *see* Yen-Kuang Chen 108627
Kung Chen-Pin *see* Chen-Pin Kung
Kung Chih-Hsien *see* Chih-Hsien Kung
Kung Pang-Jen *see* Pang-Jen Kung
Kung-Min Ju, Jenn-Hwan Tarng Measurements and modeling of radio propagation in large offices with low metallic partitions 76436
Kunhardt, E.E. *see* Lenzing, E.H. 97328
Kunicki, J.S. An affordable aid for rural education 82123
Kunicki, J.S. *see* Sado, W.N. 68031
Kunicki, J.S. *see* Steyn, P. 67930
Kunieda, M. *see* Hayakawa, S. 103187
Kunieda, M. *see* Saeki, T. 82028
Kunihiro, K., Ohno, Y. A large-signal equivalent circuit model for substrate-induced drain-lag phenomena in HJFETs 106057
Kunihisa, T. *see* Fujimoto, K. 109473
Kunii, T. *see* Hai-Feng Liu 116547
Kunii, T. *see* Katoh, Y. 65233
Kunii, T.L., Shinagawa, Y. Next generation multimedia: the ideal and the real 118559
Kunii, T.L. *see* Ma, J. 118563
Kunikiyo, T., Takenaka, M., Morifuji, M., Taniguchi, K., Hamaguchi, C. A model of impact ionization due to the primary hole in silicon for a full band Monte Carlo simulation 74096
Kunimochi, Y., Inomata, T., Tanaka, G. Automorphism groups of transformation nets 113119
Kunimori, H., Otsubo, T., Amagai, J., Nojiri, H. Crustal deformation monitoring system for the Tokyo metropolitan area. Satellite laser ranging system for the Key Stone Project. Design concept of KSP-SLR system. The overall structure and specification of Keystone SLR system 101535
Kunimori, H., Otsubo, T., Amagai, J., Suzaki, Y., Engelkemier, B., Greene, B. Timing stability of synchronous laser ranging system between Koganei and Simosato 99670
Kunimori, H., Otsubo, T., Gotoh, T. Range bias correction of the Tokyo SLR station (1990-1995) 99671
Kunimori, H. *see* Amagai, J. 101538
Kunimori, H. *see* Amagai, J. 101542
Kunimori, H. *see* Engelkemier, B. 98301
Kunimori, H. *see* Kaneko, A. 101543
Kunimori, H. *see* Kato, T. 70470
Kunimori, H. *see* Kurihara, N. 101545
Kunimori, H. *see* Nojiri, H. 101537
Kunimori, H. *see* Otsubo, T. 99672
Kunimori, H. *see* Otsubo, T. 101519
Kunimori, H. *see* Prochazka, I. 110171
Kunimori, H. *see* Yoshino, T. 101534
Kunimori, H. *see* Yoshino, T. 101546
Kunio, T. *see* Koike, H. 75061
Kunio, T. *see* Mogami, T. 63483
Kunio Doi *see* Carlin, M.D. 110729
Kunisa, A., Takahashi, S., Itoh, N. Digital modulation method for recordable digital video disc 109936
Kunisa, A., Takahashi, S., Itoh, N. An 8-15 modulation method suitable for high density digital recording 117237
Kunisa, Y. *see* Eguchi, K. 81819
Kunisch, J., Wolff, I. Steady-state analysis of nonlinear forced and autonomous microwave circuits using the compression approach 62217
Kunisch, K. *see* Barbu, V. 103776
Kunishima, Y.N., Miyayama, M., Yanagida, H. Effects of an external electric field from a substrate on conductance of SnO$_2$ thin films 62765
Kunishima, Y.N., Miyayama, M., Yanagida, H. Effects of the external electric field from a substrate on conductance changes of SnO$_2$ thin films by CO gas 89194
Kunitomo, Y. Practical chip size package realised by ceramic LGA substrate and SBB technology 92216
Kunitsyn, S.D., Sukhorukov, A.P., Trofimov, V.A. Reflection of light beams with Gaussian and complex intensity profiles from a Kerr nonlinear layer with the feedback mirror 96665
Kunitzin, A., Dekhtyar, Yu., Noskov, V. Resistor and silicon dioxide and nitride films ion etching process in situ monitoring using photoemission testing 63306
Kuniwaki, Y. *see* Tanaka, Y. 75280
Kuniyasu, T. *see* Hayakawa, T. 107299
Kuniyoshi, S. *see* Sumimoto, T. 72897
Kuniyoshi, Y. *see* Berthouze, L. 86380
Kunji Chen, Hua Qin, Xinfan Huang, Ikuta, K., Matsuda, A., Tanaka, K. The effect of hydrogen species on the electronic properties of nc-Si:H prepared in a triode PECVD system 94284
Kunji Chen, Mingxiang Wang, Weihua Shi, Lai Jiang, Wei Li, Jun Xu, Xinfan Huang Visible electroluminescence from crystallized a-Si:H/a-SiN$_x$:H multiquantum well structures 94532
Kunji Chen *see* Jun Xu 72910
Kunji Chen *see* Jun Xu 82750
Kunji Chen *see* Jun Xu 92839
Kunji Chen *see* Jun Xu 113473
Kunji Chen *see* Xiaofeng Gu 95863
Kunji Chen *see* Xinfan Huang 62883
Kunji Chen *see* Xinfan Huang 94531
Kunji Chen *see* Chen Kunji
Kunkee, D.B., Gasiewski, A.J. Broadband phenomena in oceanic passive wind direction signatures: The sensitivity to wave asymmetry, foam, and atmospheric profile 120791
Kunkel, G. Dynamische Eigenschaften und Wechselwirkungen von Hochtemperatur Josephson-Kontakten (Dynamic properties and interactions of high-temperature Josephson contacts) 115950
Kunkel, G., Ono, R.H. Mutual phase-locking of ten YBa$_2$Cu$_3$O$_7$ step-edge Josephson junctions up to 45 K 106703
Kunkel, H.P. *see* Zhou, X.Z. 84853
Kunkel, P. A tree-based analysis of a family of augmented systems for the computation of singular points 113240
Kunkel, P., Mehrmann, V. Generalized inverses of differential-algebraic operators 61020
Kunkel, W.B. *see* Lee, Y. 90103
Kunkel, W.B. *see* Pickard, D.S. 69695
Kunkel, W.B. *see* Sarstedt, M. 100784
Kunkiyoshi, Y., Kita, N., Rougeaux, S., Suehiro, T. Active stereo vision system with foveated wide angle lenses 86687
Kunkova, Z.E. *see* Golik, L.L. 64903
Kunn, V.G., Skrynnik, B.K., Shestopalov, V.P. Free oscillations and field structure of bush resonances in open electromagnetic cavities with periodic inclusions 116973
Kunnari, N. *see* Kuo, T.C. 93396
Kunneke, R.W. *see* Arentsen, M.J. 101781
Kuno, H. *see* Kumar, R. 75984
Kuno, K. *see* Oku, Y. 110935
Kuno, M. *see* Takeuchi, Y. 118331
Kuno, T. A practical algorithm for minimizing a rank-two saddle function on a polytope 60881
Kuno, T. *see* Ishitani, H. 110282
Kuno, T. *see* Kishi, M. 117343
Kuno, Y. *see* Kang-Hyun Jo 86796
Kuno, Y. *see* Shimada, N. 97893
Kunou, H. *see* Kurioka, H. 70856
Kunquan Sun, Yinchao Chen, Barry, W., Corlett, J. Characteristic analysis of coupled microstrip patch resonators on ferrimagnetic substrates 75151
Kunsch, B. *see* Duftschmid, K. 90651
Kunst, M. *see* Elmiger, J.R. 84027
Kunstmann, T., Veprek, S., Schmidbaur, H., Bauer, A. Chemical vapor deposition of 3C-SiC on Si(100) from methyltrichlorosilane and methyltribromosilane 104041
Kunt, M. *see* Basso, A. 67912
Kunt, M. *see* Brigger, P. 67128
Kunt, M. *see* Karrakchou, M. 80179
Kunt, M. *see* Karrakchou, M. 120261
Kunt, T., Ratton, L., McAvoy, T., Fuja, T., Semancik, S., Cavicchi, R. Towards the development of an artificial nose for chemical process applications 79587
Kuntman, H. *see* Acar, C. 93560
Kuntman, H. *see* Tarim, N. 113696
Kuntman, H.H. *see* Cicekoglu, O. 114149
Kuntsevitch, A.V. *see* Alotto, P. 64571
Kuntz, M. Improved procedures for the retrieval of stratospheric trace gases from spectra of a ground-based millimeter wave radiometer 111190
Kuntze, A. *see* Spiekman, L.H. 78883
Kuntze, M. *see* Dammertz, G. 105036
Kuntzel, J.H.W. *see* Shannon, J.M. 89258
Kunugi, Y. *see* Harima, Y. 94580
Kunwoon Lee *see* Young Jin Kim 99856
Kunyu Wang *see* Chowdhury, B.H. 90943
Kunz, A., Sumichrast, L. Efficient simulation algorithm for the full vectorial wave propagation in the polarisation dependent structures of integrated optics 75560
Kunz, C. *see* Moewes, A. 69887
Kunz, G.J. Transmission as an input boundary value for an analytical solution of a single-scatter lidar equation 88712
Kunz, R. *see* Deis, G. 106719
Kunz, R.E., Scholl, E., Nurnberg, R., Gajewski, H. Low-temperature impurity breakdown in semiconductors: an approach towards efficient device simulation 84282
Kunz, R.E. *see* Gaa, M. 83851
Kunz, R.E. *see* Kempen, L.U. 75559
Kunz, R.R., Palmateer, S.C., Forte, A.R., Allen, R.D., Wallraff, G.M., DiPietro, R.A., Hofer, D.C. Limits to etch resistance for 193-nm single-layer resists 105789
Kunz, R.R. *see* Allen, R.D. 105786
Kunz, R.R. *see* Palmateer, S.C. 84263
Kunz, R.R. *see* Rothschild, M. 105752
Kunz, R.R. *see* Schaedeli, U. 105787
Kunz, T. *see* Laasch, M. 92669
Kunze, D., Oesterheld, J. Silicone rubber–an important material in the technology of accessories for high- and extra-high voltage XLPE cables 81122
Kunze, K. *see* Pfeiffer, G. 80396
Kunze, R. *see* Balashova, E.V. 106323
Kunze, S., Wolf, S., Rempe, G. Measurement of fast frequency fluctuations: Allan variance of a grating-stabilized diode laser 85489
Kunze, U. *see* Bechtold, B. 91290
Kunzel, H., Hase, A., Griebenow, U. Hydrogen radical processing–in-situ semiconductor surface cleaning for epitaxial regrowth 105613
Kunzel, H. *see* Bach, H.-G. 63763
Kunzel, H. *see* De Vries, D.K. 63266
Kunzel, H. *see* Strahle, S. 104832
Kunzer, I. *see* Englmeier, K.-H. 120309
Kunzi, K. *see* Boheim, M. 62305
Kunzinger, E. *see* Wolf, C.G. 118307
Kunzmann, S., Dorschel, B. Theoretical model for response calculation of electret ionisation chambers for radon dosimetry 70276
Kunzmann, S., Dorschel, B., Havlik, F., Nikodemova, D. Studies on the practical application of electret ionisation chambers for radon dosimetry under special conditions 69706
Kunzmann, S., Dorschel, B., Zeiske, U. Optimisation of electret ionisation chambers for radon dosimetry on the basis of a theoretical model 69705
Kuo, B. *see* Ahn, T.W. 114141
Kuo, B.-N. *see* Wei, C.-H. 99398
Kuo, C., Toms, T., Weidner, M., Choe, H., Shum, D., Ko-Min Chang, Smith, P. A microcontroller with 100 K bytes embedded flash EEPROM 83137
Kuo, C. *see* Gotz, W. 74146
Kuo, C. *see* Maiti, B. 93486
Kuo, C.-C.J. *see* Bekir, E.C. 119011
Kuo, C.-C.J. *see* Caso, G. 86506
Kuo, C.-C.J. *see* Chalidabhongse, J. 86514
Kuo, C.-C.J. *see* Chen, W.-F. 117389
Kuo, C.-C.J. *see* Kaplan, L.M. 67085
Kuo, C.-C.J. *see* Katsavounidis, I. 86507
Kuo, C.-C.J. *see* Lai, Y.-K. 86559
Kuo, C.-C.J. *see* Lee, K.M. 86349
Kuo, C.-C.J. *see* Li, J. 86934
Kuo, C.-C.J. *see* Liang, K.-C. 87166
Kuo, C.-C.J. *see* Lin, L.-J. 86483
Kuo, C.-C.J. *see* Lin, L.-J. 86570
Kuo, C.-C.J. *see* Xia Wan 66919
Kuo, C.-C.Jay *see* Jay Kuo, C.-C.
Kuo, C.-F., Wong, E.K. Fourier analysis for discontinuity detection 98176
Kuo, C.-F., Wong, E.K. A chain-code based generalized Hough transform 98349
Kuo, C.-H., Chen, C.-F. A prequantizer with the human visual effect for the DPCM 77391
Kuo, C.-L., Miyashita, T., Suzuki, M., Uchida, T. Improvement of gray-scale performance of optically compensated birefringence (OCB) display mode for AMLCDs 89455
Kuo, C.-P. *see* Wada, B.K. 115449
Kuo, C.C., Hsu, K.T., Luo, G.H., Lau, W.K., Wang, C., Chang, H.P., Chang, L.H., Wnag, M.H., Lee, J.C., Hsue, C.S., Weng, W.T., Liu, Y.C. Performance of the SRRC storage ring and wiggler commissioning 79975
Kuo, C.C. *see* Gwo-Huei Luo 79869
Kuo, C.C. *see* Hsu, K.T. 79974
Kuo, C.C. *see* Lau, W.K. 89846
Kuo, C.C. *see* Wang, M.H. 89848
Kuo, C.C. *see* Weng, W.T. 79872
Kuo, C.H. *see* Chen, J. 89940
Kuo, C.H. *see* Jan, G.J. 100545
Kuo, C.H. *see* Wang, C.J. 100578
Kuo, C.J., Ching Liao, Lin, C.C. Adaptive interpolation technique for scanning rate conversion 77112
Kuo, C.J., Liu, C.T., Hou, C.J. Sigma-delta modulator for bandpass signal 104636
Kuo, C.J. *see* Huang, R.S. 110839
Kuo, C.J. *see* King, Y.C. 89360
Kuo, C.J. *see* Lin, C.C. 62039
Kuo, C.P. *see* Chen, C.H. 92710
Kuo, C.Y. Thick film alloy resistor systems for surge protection. VI 83550
Kuo, C.Y. A challenge for thick film base metal circuits. I 83635
Kuo, C.Y., Mukherjee, S. Clipping reduction for improvement of analog and digital performance beyond clipping limit in lightwave CATV systems 88641
Kuo, C.Y., Piehler, D., Gall, C., Kleefeld, J., Nilsson, A., Middleton, L. High-performance optically amplified 1550-nm lightwave AM-VSB CATV transport system 78814
Kuo, D., Gui, J., Marchon, B., Lee, S., Boszormenyi, I., Liu, J.J., Rauch, G.C., Vierk, S., Meyer, D. Design of laser zone texture for low glide media 115754
Kuo, D. *see* Chang, G.J. 92491

Kuo, D. *see* Rauch, G.C. 115681
Kuo, F.-J., Wu, J.-S. Design and evaluation of GCRA shaper and enforcer architecture in ATM networks 67526
Kuo, F.-J., Wu, J.-S. Usage parameter control in ATM networks by solving CDV problem at UNI 98378
Kuo, H. *see* Broadhead, J. 81692
Kuo, H.-C., Wei, C.-H. Modified (M,L) algorithm for decoding multilevel modulation codes 86057
Kuo, H.C. *see* Kuo, J.M. 85101
Kuo, H.C. *see* Sato, D.L. 103865
Kuo, J.B., Chang, Y.W., Lai, C.S. A velocity-overshoot capacitance model for 0.1 μm MOS transistors 84369
Kuo, J.B., Yao-Wen Chang, Yu-Guang Chen An analytical velocity overshoot model for 0.1 μm N-channel metal-oxide-silicon devices considering energy transport 74668
Kuo, J.B. *see* Chang, Y.W. 84429
Kuo, J.B. *see* Chen, B.Y. 74709
Kuo, J.B. *see* Shiao-Shien Chen 105948
Kuo, J.B. *see* Su, K.W. 84290
Kuo, J.B. *see* Su, K.W. 95204
Kuo, J.D. *see* Chang, W.C. 110793
Kuo, J.M., D'Asaro, L.A., Kuo, H.C., Pei, S.S., Chang, P.C. Improved modulation contrast of asymmetric Fabry-Perot field-effect transistor self-electro-optic effect devices by in situ thickness corrections 85101
Kuo, J.M. *see* Hao, P.H. 105445
Kuo, J.M. *see* Ren, F. 84156
Kuo, J.M. *see* Sato, D.L. 103865
Kuo, J.M. *see* Xu, Q. 92711
Kuo, K.K. *see* Ikai Lo 105354
Kuo, L.H., Kimura, K., Miwa, S., Yasuda, T., Yao, T. Dependence of generation and structures of stacking faults on growing surface stoichiometries in ZnSe/GaAs 103830
Kuo, L.H. *see* Chen, J.C. 92719
Kuo, L.H. *see* van Roy, W. 92687
Kuo, L.H. *see* Wu, B.J. 61220
Kuo, P.K. *see* Stolz, C.J. 106921
Kuo, P.K. *see* Wu, Z.L. 106925
Kuo, S.-Y. *see* Lin, C.-W. 98805
Kuo, S.M., Kunduru, J. Multiple reference subband adaptive noise canceler for hands-free cellular phone applications 109372
Kuo, S.M., Miller, G.D. An innovative course emphasizing real-time digital signal processing applications 60438
Kuo, S.M., Pan, Z. Acoustic echo cancellation microphone system for large-scale videoconferencing 98808
Kuo, S.M., Panahi, I., Nadeski, M., Horner, T., Chyan, J. Fixed-point DSP implementation of active noise control systems 93464
Kuo, S.M., Vijayan, D. Hybrid active noise control systems 97758
Kuo, S.M., Yajie Yang Broadband adaptive noise equalizer 97662
Kuo, S.M. *see* Mallela, P.P. 98928
Kuo, S.M. *see* Schwartz, D.B. 96052
Kuo, S.P. *see* Kim, J. 114522
Kuo, S.P. *see* Lyle, R. 116921
Kuo, T., Baartman, R., Root, L., Milton, B., Laxdal, R., Yuan, D., Jayamanna, K., Schmor, P., Dutto, G., Dehnel, M., Erdman, K. A comparison of two injection line matching sections for compact cyclotrons 100702
Kuo, T.-S. *see* Kang, W.-J. 90517
Kuo, T.C., Kunnari, N. ESD induced programming of NEPROM cells beyond the I/O protection structures 93396
Kuo, T.C.T., Lin, Y.B., Chen, A.L.P., Chen, S.-C., Ni, C.Y. Efficient shot change detection on compressed video data 108604
Kuo, W. *see* Hewer, G. 87163
Kuo, W. *see* Hewer, G. 108546
Kuo, Y. Nonphotosensitive, vertically redundant two-channel a-Si:H thin film transistor 63664
Kuo, Y. Horizontally redundant, split-gate a-Si:H thin film transistors 115179
Kuo, Y., Schrott, A.G. Plasma etch of titanium and titanium oxide: General discussion on plasma etch of metal and metal oxide 63357
Kuo, Y. *see* Fryer, P.M. 89321
Kuo, Y.-K., Birnbaum, M., Unlu, F., Huang, M.-F. Ho:CaF$_2$ solid-state saturable-absorber Q switch for the 2-μm Tm,Cr:Y$_3$Al$_5$O$_{12}$ laser 75885
Kuo Cheng-Chien *see* Cheng-Chien Kuo
Kuo Cheng-Tzu *see* Cheng-Tzu Kuo
Kuo Chien-Nan *see* Chien-Nan Kuo
Kuo Ching Chuan *see* Ching Chuan Kuo
Kuo Chun-Hung *see* Chun-Hung Kuo
Kuo Chung-Ming *see* Chung-Ming Kuo
Kuo Fang-Jang *see* Fang-Jang Kuo
Kuo Feng Chen, Wei Hsin Improved differential quantum efficiency for long-wavelength InGaAs/InGaAsP/InP SCH-SQW lasers with optimized multi-quantum barriers (MQB) design 65201
Kuo Geng-Sheng *see* Geng-Sheng Kuo
Kuo Hsin Yen *see* Zsehong Tsai 78284
Kuo Hung-Yuan *see* Hung-Yuan Kuo
Kuo Jen-Kwan *see* Jen-Kwan Kuo
Kuo Jen-Tsai *see* Jen-Tsai Kuo
Kuo Mei Shong *see* Mei Shong Kuo
Kuo Ming Ying *see* Ming Ying Kuo
Kuo Ming-Ter *see* Ming-Ter Kuo
Kuo Sy-Yen *see* Sy-Yen Kuo
Kuo Tai-Haur *see* Tai-Haur Kuo
Kuo Te-Son *see* Te-Son Kuo
Kuo Tser-Ting *see* Tser-Ting Kuo
Kuo Way *see* Way Kuo
Kuo Wen-Jang *see* Wen-Jang Kuo
Kuo Wen-Yi *see* Wen-Yi Kuo
Kuo Woei-Kwo *see* Woei-Kwo Kuo
Kuo Yau-Hwang *see* Yau-Hwang Kuo
Kuo Yen-Kuang *see* Yen-Kuang Kuo
Kuo Yue *see* Yue Kuo
Kuo-Cheng Tzeng *see* Decker, C.D. 79843
Kuo-Chin Fan *see* Chi-Faang King 87122
Kuo-Chin Fan *see* Chwen-Jye Szea 77372
Kuo-Chin Fan *see* Jun-Wei Hsieh 87052
Kuo-Chuan Liu, Anderson, M.A. Porous nickel oxide films for electrochemical capacitors 121907
Kuo-Chung Lee, Jenn-Gwo Hwu Application of irradiation-then-nitridation to improve the radiation hardness in MOS gate dielectrics 63271
Kuo-En Chang, Sei-Wang Chen An efficient and fast algorithm for routing over the cells 113648
Kuo-Gen Chen Electrical properties of meridians 70159
Kuo-Gen Chen Applying quantum interference to EDST medicine testing 70160
Kuo-Hsien Hsia *see* Hung-Jen Chu 60809
Kuo-Hsing Cheng *see* Chung-Yu Wu 113924
Kuo-Hua Pan *see* Shyh-Chyi Wong 115336
Kuo-Hua Wang, TingTing Hwang, Cheng Chen Exploiting communication complexity for Boolean matching 113889
Kuo-Kai Shyu, Hsin-Jang Shieh A new switching surface sliding-mode speed control for induction motor drive systems 81948
Kuo-Liang Chung Computing horizontal/vertical convex shape's moments on reconfigurable meshes 117603
Kuo-Liang Chung, Chi-Yen Huang Finding neighbors on bincode-based images in O(n log log n) time 117549
Kuo-Liang Chung *see* Chi-Yen Huang 98317
Kuo-Lung Ku *see* Chen, D.J. 87747
Kuo-Peng, P., Sadowski, N., Bastos, J.P.A., Carlson, R., Batistela, N.J., Lajole-Mazenc, M. A general method for coupling static converters with electromagnetic structures 107805
Kuo-Sheng Cheng, Jzau-Sheng Lin, Chi-Wu Mao The application of competitive Hopfield neural network to medical image segmentation 101198
Kuo-Sheng Cheng *see* Jzau-Sheng Lin 101218
Kuo-Sheng Cheng *see* Jzau-Sheng Lin 110796
Kuo-Sheng Cheng *see* Jzau-Sheng Lin 120310
Kuo-Shung Liu *see* Horng-Yi Chang 115427
Kuo-Shung Liu *see* Tzu-Feng Tseng 64071
Kuo-Shung Liu *see* Tzu-Feng Tseng 113442
Kuo-Tai Hunag *see* Hunag Kuo-Tai
Kuo-Tsai Chen *see* Yung-Hsiang Chen 69581
Kuochen Wang, Jenn-Wei Lin Integrated diagnosis and reconfiguration process for yield enhancement of large area VLSI and WSI arrays 61731
Kuohsiung Li *see* Bayruns, R. 79140
Kuoksan Ho *see* Wen H. Liu 84810
Kuonen, P., Josselin, S., Ubeda, S., Wagner, D. Parallel computing of radio coverage 116905
Kuonen, P., Ubeda, S., Zerovnik, J. Graph theory applied to mobile network optimisation 99353
Kuosmanen, P., Astola, J. Breakdown points, breakdown probabilities, midpoint sensitivity curves, and optimization of stack filters 62027
Kuosmanen, P. *see* Egiazarian, K. 77031
Kuosmanen, P. *see* Huttunen, H. 76960
Kuosmanen, P. *see* Koivisto, P. 76957
Kuosmanen, P. *see* Koivisto, P. 108322
Kuosmanen, P. *see* Koivisto, P. 117781
Kupari, M.M. *see* Jarvinen, V.M. 80278
Kupari, S. *see* Lehtonen, M. 70899
Kupatadze, T. *see* Arsenishvili, G. 77703
Kupeev, K.Y., Wolfson, H.J. A new method of estimating shape similarity 86951
Kuper, F., van der Pol, J., Ooms, E., Johnson, T., Wijburg, R., Koster, W., Johnston, D. Relation between yield and reliability of integrated circuits: experimental results and application to continuous early failure rate reduction programs 95124
Kuper, F.G. *see* Luchies, J.R.M. 85798
Kuper, F.G. *see* Meneghesso, G. 115363
Kuper, F.G. *see* Van Der Pol, J.A. 115296
Kupfer, G. *see* Steinchen, W. 69509
Kupfer, G. *see* Steinchen, W. 72994
Kuphal, E. *see* Bottner, T. 96005
Kuphal, E. *see* Ressel, P. 105442
Kuphal, E. *see* Steinhagen, F. 107283
Kuphal, E. *see* Zengerle, R. 107263
Kupisewski, T. *see* Deis, G. 106719
Kupiszewski, T. *see* Calvin, H. 106718
Kupitz, J. Nuclear energy for seawater desalination: updating the record 112644
Kupka, W., Clemens, G., Fischer-Binder, J.-O. The top-down design of a phase-locked loop (PLL) control 104719
Kupko, A.D. *see* Goloborod'ko, V.T. 68950
Kupko, V.S. *see* Pushkarev, G.P. 96856
Kuplevakhsky, S.V. *see* Gunsenheimer, U. 115924
Kuppens, S.J.M., van Exter, M.P., Woerdman, J.P., Kolobov, M.I. Observation of the effect of spectrally inhomogeneous gain on the quantum-limited laser line-width 65046
Kupper, W. *see* Dix, W.R. 70096
Kupperman, D.S. *see* Hagen, M.R. 113537
Kuppers, J.M.G. *see* Theunis, H.G.J. 67122
Kuppers, S., Henneberger, G. Numerical procedures for the calculation and design of automotive alternators 103126
Kuppers, S. *see* Ramesohl, I. 71288
Kuppuswamy, M. *see* Munukutla, L.V. 60743
Kuppuswamy, R., Theogarajan, L., Akers, L.A. A programmable Gaussian node 104727
Kuprenyuk, V.I., Goryachkin, D.A., Maksimov, Y.P., Kozlovskaya, I.M., Rodionov, A.Y., Kalinin, V.P., Sherstobitov, V.E., Belyaev, A.A., Ladygin, I.N. Phase conjugation of CW chemical laser radiation by four-wave mixing in an absorbing liquid 116335
Kuprienko, A.A. *see* Czekaj, D. 119655
Kuprin, A.P. *see* Sakamoto, I. 90121
Kuprin, A.P. *see* Sakamoto, I. 90121
Kuprionis, Z., Petruskevicius, R., Norvaisas, S. Observation of Wood's anomalies in phase conjugation of IR radiation on atmospheric ice films 96605
Kupriyanov, I.N. *see* Antsygin, V.D. 103824
Kupriyanov, M.Yu. *see* Oelze, B. 61989
Kupriyanov, M.Yu. *see* Uhlisch, D. 105455
Kupriyanov, V.L. *see* Burenin, P.V. 114283
Kupryaev, N.V., Mikheev, P., Shepelenko, A.A. Single-mode laser operation in a wide-aperture unstable cavity with a semitransparent output coupler and intracavity astigmatism 65043
Kupryaev, N.V. *see* Mikheyev, P.A. 107414
Kupsc, A. *see* Calen, H. 120194
Kuptsov, I. *see* Gorniker, E. 100510
Kuptsov, I. *see* Veshcherevich, V. 100509
Kuptsov, I.V. *see* Vinokurov, N.A. 96552
Kurabayashi, T. *see* Cabuz, C. 63984
Kurabayashi, T. *see* Nishizawa, J. 61171
Kurabyashi, T. *see* Dong Youn Sim 74929
Kurachi, T. *see* Shoyama, M. 102935
Kurafuji, T. *see* Niki, S. 92685
Kurafujii, T. *see* Niki, S. 83879
Kurahashi, T. *see* Ohara, J. 84686
Kurahashi, T. *see* Takahashi, H. 66658
Kurahashi, T. *see* Takahashi, H. 100151
Kurahashi, T. *see* Teshigahara, A. 120922
Kurakagi, K. *see* Okumura, F. 100198
Kurakake, H. *see* Uchida, T. 61199
Kurakami, H. *see* Mase, K. 118162
Kurakin, V.G. Deflecting forces for the case of multi mode beam–rf cavity interaction in linear accelerators 89967
Kuramae, H. *see* Horie, T. 107732
Kuramasu, K. *see* Korechika, T. 122056
Kuramitsu, Y. *see* Nozaki, K. 63502
Kuramochi, A. *see* Ida, S. 63444
Kuramoto, K., Domoto, Y., Hirano, H., Kiyama, S., Tsuda, S. Low temperature fabrication of diamond like carbon film using high density plasma 113481
Kuramoto, M. *see* Naniwae, K. 74156
Kuramoto, S. *see* Sato, M. 68075
Kuramoto, Y. *see* Inoshita, T. 62875
Kuramura, D.Y. *see* Moezzi, S. 68921
Kuramura, D.Y. *see* Moezzi, S. 99794
Kurando, T. *see* Hayashi, H. 96624
Kurano, M., Huang, Y. Average reward Markov decision processes with multiple cost constraints 103573
Kurano, M. *see* Kadota, Y. 82401
Kuranov, V.P., Zadorozhnyi, A.I., Solov'ev, Yu.A., Fedorov, Yu.M. The role of radionavigation systems in controlling mobile objects 109824
Kurapov, Yu.M. *see* Vasil'ev, L.N. 62774
Kurashige, K., Kurata, Y., Ishibashi, H., Susa, K. Monte Carlo simulation of scintillator efficiency for GSO single crystal 100900
Kurashima, A., Maeno, K. Mobile groupware: a collaborative work support system through mobile and multimedia communications 87875
Kurashima, K. *see* Nii, K. 121111
Kurashina, M. *see* Tanaka, K. 74078
Kurashov, V.N., Musatenko, Y.S. Approximate Karhunen-Loeve transform for image processing 66985
Kurashov, V.N. *see* Girnyk, V.I. 110307
Kurashov, V.N. *see* Kovalenko, A.V. 87231
Kurashov, V.N. *see* Musatenko, Y.S. 87176
Kurasov, P. *see* Albeverio, S. 114741
Kurata, H., Nara, Y., Sugii, T. Hot carrier reliability of 0.15 μm CMOS 95017
Kurata, H. *see* Deura, M. 84593
Kurata, K., Gotou, A., Kitamura, N., Mizuta, S., Nakamura, S., Ishikawa, S. Hybrid integrated bi-directional transmitter/receiver optical module based on silica waveguide using alignment free hybrid assembly technique 78800
Kurata, K., Yamauchi, K., Kawatani, A., Tanaka, E., Honmou, H., Ishikawa, S. A surface mount single-mode laser module using passive alignment 96299
Kurata, K. *see* Date, A. 61848
Kurata, K. *see* Hatakeyama, I. 78680
Kurata, K. *see* Kosaka, H. 119155
Kurata, K. *see* Mimura, K. 73334
Kurata, Y. *see* Kurashige, K. 100900
Kuratani, I. *see* Amada, H. 109191
Kuratani, N. *see* Matsuoka, M. 92816
Kuratli, C., Biber, A., Qiuting Huang A 16 A IGBT-gate drive ASIC in a 18 V, 3 μm BiCMOS technology 61627

Kuratli, C., Huang, Q., Brand, O., Baltes, H. A self-calibrating barrier-detector microsystem in standard silicon circuit technology 63988

Kuratli, C., Qiuting Huang, Biber, A. Implementation of high peak-current IGBT gate drive circuits in VLSI compatible BiCMOS technology 73575

Kurayev, A.A., Sinitsyn, A.K., Slepyan, A.Ya. Gyroton 62607

Kurazono, S. *see* Hira, M. 117033

Kurazume, R. *see* Sashida, N. 87048

Kurbanov, Sh.M. *see* Bikmatov, R.R. 79245

Kurbasov, S.V. *see* Efimovskii, S.V. 85377

Kurbatov, P.A. *see* Dmitriev, D.O. 81930

Kurbatova, Yu.N. *see* Chetkin, M.V. 64832

Kurca, T. *see* Ban, J. 69810

Kurchaninov, L. Equivalent noise charge of double correlated sampling 84286

Kurchaninov, L.L. *see* Braunschweig, W. 120173

Kurchatov, S.Yu. *see* Glova, A.F. 85363

Kurdahi, F.J. *see* Ohm, S.Y. 73184

Kurdahi, F.J. *see* Sriram, A. 98406

Kurdahi, F.J. *see* Xu, M. 73220

Kurdak, C. *see* Chen, C.J. 69118

Kurdak, C. *see* Grayson, M. 62978

Kurdila, A.J. *see* Jeonghwan Ko 61053

Kure, T. *see* Mizuno, H. 73354

Kure, T. *see* Ninomiya, K. 103415

Kure, T. *see* Shiba, T. 106244

Kurebayashi, H. *see* Azegami, H. 93467

Kurebayashi, H. *see* Matsumoto, H. 93466

Kurek, K.A., Upperco, E.C. Mid-range undersea cable system applications for emerging markets 88066

Kurekin, A.A. *see* Kulemin, G.P. 80594

Kurekin, A.A. *see* Kulemin, G.P. 80612

Kurekova, E. *see* Chundy, V. *(editor)* 92030

Kurenkova, O.N. *see* Skripal, A.V. 85749

Kurennoy, S.S. Polarizabilities of an annular cut and coupling impedances of button-type beam position monitors 89894

Kurennoy, S.S. Polarizabilities of an annular cut in the wall of an arbitrary thickness 97017

Kurennoy, S.S., Gluckstern, R.L., Stupakov, G.V. A general approach for calculating coupling impedances of small discontinuities 89893

Kurennoy, S.S., Stupakov, G.V. Trapped modes in the vacuum chamber of an arbitrary cross section 89892

Kurenskii, E.A. *see* Kubarev, V.V. 65038

Kurepin, A. *see* Jacobsen, E.R. 69762

Kuresevic, A. *see* Kneip, M. 109859

Kuretz, V.I. *see* Dulson, A.A. 82049

Kurfess, J.D. *see* Inderhees, S.E. 80073

Kurfess, J.D. *see* Inderhees, S.E. 101022

Kurfess, J.D. *see* Phlips, B.F. 90123

Kurfess, J.D. *see* Phlips, B.F. 101023

Kurganov, B.I. *see* Sorochinskii, V.V. 79576

Kurganov, B.I. *see* Sorochinskii, V.V. 110222

Kuri, G., Sundaravel, B., Rout, B., Mahapatra, D.P., Dev, B.N. MeV As and Au ion implantation in Si, GaP, GaAs, InSb and LiNbO$_3$: study of range and lattice location 83808

Kuri, G. *see* Satyam, P.V. 105459

Kuri, T., Tsukamoto, K., Morinaga, N. Multiple polarization modulation (MPLM) system for coherent optical space communication 88522

Kuriakose, V.C. *see* Mohanachandran, G. 65479

Kurianski, A., Agui, T., Nagahashi, H. Motion segmentation in RGB image sequence based on hidden MRF and 6D Gaussian distribution 86515

Kurianski, A., Agui, T., Nagahashi, H. Turning face localization based on hidden MRF model with two sources of observation and 2D Gaussian distribution 87085

Kurianski, A., Nieniewski, M. Choosing the parameters of the MRF model for motion detection 67155

Kuribara, M. *see* Kurono, M. 99496

Kuribayashi, K., Shimizu, S., Yoshitake, M., Ogawa, S. A study of heat process by using direct electric current heating for reversible SMA thin film actuators 64017

Kuribayashi, K. *see* Masaki, T. 79647

Kuribayashi, R. *see* Kuroda, T. 74249

Kuribayashi, S. *see* Nakakuki, K. 68274

Kuribayashi, T. *see* Cingoski, V. 65649

Kurihara, K. *see* Hayashi, H. 74560

Kurihara, K. *see* Hokimoto, A. 87709

Kurihara, K. *see* Matsushita, H. 71953

Kurihara, K. *see* Morimoto, T. 104898

Kurihara, K. *see* Nagase, M. 100311

Kurihara, K. *see* Namatsu, H. 114719

Kurihara, K. *see* Takahashi, Y. 95080

Kurihara, K. *see* Venkatesh, B. 73350

Kurihara, L.K. *see* Fliflet, A.W. 104173

Kurihara, M., Sakata, S., Kobayashi, K. On a class of byte-error-correcting codes from algebraic curves and their fast decoding algorithm 117164

Kurihara, M. *see* Miyachi, M. 74201

Kurihara, M. *see* Takeuchi, A. 104060

Kurihara, N., Takaba, H., Nakajima, J., Imae, M., Yoshino, T. Crustal deformation monitoring system for the Tokyo metropolitan area. VLBI system for Key Stone Project. Observation system for KSP–VLBI. Antenna and receiver system of the Key Stone Project 101523

Kurihara, N., Takahashi, Y., Kondo, T., Hanado, Y., Iwata, T., Ichikawa, R., Imae, M., Yoshino, T., Amagai, J., Kunimori, H. Crustal deformation monitoring system for the Tokyo metropolitan area. Functions and situations of observation stations of KSP. Kashima subcentral station and Tateyama station 101545

Kurihara, N. *see* Amagai, J. 101542

Kurihara, N. *see* Hanado, Y. 101525

Kurihara, N. *see* Imae, M. 101522

Kurihara, N. *see* Iwata, T. 101527

Kurihara, N. *see* Kaneko, A. 101543

Kurihara, N. *see* Miki, C. 101544

Kurihara, N. *see* Takaba, H. 101526

Kurihara, N. *see* Yoshino, T. 101546

Kurihara, S., Shimizu, A. Joint utilization tests of multimedia communications 67923

Kurihara, S., Shimizu, A. Joint utilization tests of multimedia communications 78196

Kurihara, S. *see* Hatakenaka, N. 107035

Kurihara, S. *see* Kataoka, A. 88006

Kurihara, S. *see* Kataoka, A. 97626

Kurihara, T. *see* Asobe, M. 85661

Kurihara, T. *see* Hayakawa, K. 96456

Kurihara, T. *see* Kaino, T. 76249

Kurihara, T. *see* Kaino, T. 78933

Kurihara, Y. *see* Endoh, T. 94113

Kurihara, Y. *see* Kaga, T. 80861

Kurihara, Y. *see* Kawano, J. 99879

Kurihara, Y. *see* Nakanishi, T. 114507

Kurihara, Y. *see* Okugi, T. 100782

Kurihashi, S. *see* Shin, K.-C. 65227

Kuriki, S. *see* Hirata, Y. 120311

Kurilenko, G. Advanced infrared examining of the metals fatigue 61469

Kurilkina, S.N., Kovchur, S.N. Bistability of acoustooptical coupling in cubic centrosymmetric crystals in the presence of optoelectronic feedback 116622

Kurilko, V.I. *see* Kalmykova, S.S. 74064

Kurimoto, H., Minami, M., Yamada, M. Aluminium electrolytic capacitor with open circuit mode mechanism 114343

Kurimoto, H. *see* Mondal, H.N. 71938

Kurimoto, T., Genda, K., Yamanaka, N. An expandable multicast ATM switch based on copy-trunk with new delay control and cell spacing functions 109304

Kurimura, S. *see* Kuroda, A. 106331

Kurimura, S. *see* Uesu, Y. 107567

Kurimura, S. *see* Uesu, Y. 116193

Kurin, V.G., Skrynnik, B.K., Shestopalov, V.P. Self-organization of intermodal oscillations and low-mode chaos in an open resonator 107416

Kurin, V.G., Skrynnik, B.K., Shestopalov, V.P. Mode-interconnection and self-arranging of oscillations in an open resonator 114199

Kurin, V.V., Yulin, A.V. Stimulated emission of electromagnetic waves by Josephson vortices 75361

Kurio, M. *see* Hattori, T. 110288

Kurioka, H., Nakamura, O., Shimada, M., Horino, H., Kunou, H., Tsuji, A. Basic study on a method of identifying the causes of ground faults in distribution systems 70856

Kurioka, H., Nakamura, O., Zaike, K., Keira, T., Ishimaru, N. Performance evaluation of gapless arresters for 6.6-kV distribution lines 70980

Kurioka, H. *see* Watanabe, M. 70859

Kurioka, T., Minami, H., Okuda, H., Ohshima, E. A new video hard disk system for multimedia program production 109949

Kurishima, K., Kobayashi, T., Ito, H., Gosele, U. Control of Zn diffusion in InP/InGaAs heterojunction bipolar transistor structures grown by metalorganic vapor phase epitaxy 61193

Kurishima, K. *see* Ida, M. 63630

Kurishima, K. *see* Ito, H. 84351

Kurishima, K. *see* Ito, H. 84352

Kurishima, K. *see* Ito, H. 84353

Kurishima, K. *see* Ito, H. 113448

Kurisu, H., Yamamoto, S., Sueoka, O., Matsuura, M. Preparation and quantum confinement effect of PbI$_2$/CdI$_2$ superlattices 82660

Kurisu, H. *see* Yamamoto, S. 61357

Kurisu, H. *see* Yamamoto, S. 64426

Kurisu, H. *see* Yamamoto, S. 115772

Kurisu, K., Fukuyama, K. Controlling public address systems based on fuzzy inference and neural network 117271

Kurisu, M., Kaneko, M., Suzaki, T., Tanabe, A., Togo, M., Furukawa, A., Tamura, T., Nakajima, K., Yoshida, K. 2.8 Gb/s 176 mW byte-interleaved and 3.0 Gb/s 118 mW bit-interleaved 8:1 multiplexers 78297

Kurisu, Y. *see* Muraji, H. 89369

Kurita, A. *see* Kobayashi, N. 101690

Kurita, A. *see* Okamoto, H. 121038

Kurita, A. *see* Tada, Y. 111536

Kurita, G. *see* Kikuchi, M. 106704

Kurita, G. *see* Ninomiya 64569

Kurita, N., Ando, Y., Ishio, S., Miyazaki, T. Magnetic properties of rapidly quenched (Gd-M)$_{80}$Si$_{12}$B$_8$ amorphous alloys 64177

Kurita, N., Martin, D., Smith, S., Ng, C., Nordby, M., Perkins, C. Design of the button beam position monitor for PEP-II 100553

Kurita, N. *see* Heifets, S. 89624

Kurita, N. *see* Ng, C.-K. 100544

Kurita, N. *see* Wienands, U. 89916

Kurita, T. *see* Mukai, J. 85116

Kurita, T. *see* Nishigaya, T. 78427

Kurita, T. *see* Sekita, I. 108576

Kuritzky, A.S. *see* Khatib-Rahbar, M. 81251

Kuriyaki, H. *see* Zheng, X.G. 64502

Kuriyama, A. *see* Satoh, S. 106949

Kuriyama, K., Kazama, A.K., Kato, T., Yamamoto, S., Aoki, Y., Naramoto, H. Regrowth of the photoquenchable defect relating to the hopping conduction in arsenic-ion-implanted semi-insulating GaAs 114618

Kuriyama, K., Sakai, K., Ushiyama, K., Okada, M., Yokoyama, K. Thermally stimulated current study of electron-irradiated semi-insulating Fe-doped InP 114627

Kuriyama, M. *see* Atsumi, S. 73349

Kuriyama, M. *see* Inoue, T. 69696

Kuriyama, M. *see* Kikuchi, M. 106704

Kuriyama, M. *see* Ninomiya 64569

Kuriyama, M. *see* Watanabe, K. 110471

Kuriyama, N., Sakai, T., Miyamura, H., Tanaka, T.H., Ishikawa, H., Uehara, I. Hydrogen storage alloys for nickel/metal-hydride battery 91721

Kuriyama, N., Sakai, T., Miyamura, H., Uehara, I., Ishikawa, H. Impedance analysis for MH electrodes 71659

Kuriyama, T. *see* Koyanagi, K. 95535

Kuriyama, T. *see* Kozu, J. 115758

Kuriyama, T. *see* Seki, M. 109915

Kuriyama, T. *see* Susaki, Y. 71379

Kuriyama, T. *see* Susaki, Y. 121548

Kuriyama, T. *see* Takano, Y. 89431

Kuriyama, T. *see* Tsukamoto, A. 110214

Kuriyama, T. *see* Yamamoto, K. 91233

Kurkdjian, J. *see* d'Errico, F. 110966

Kurkin, G. *see* Gorniker, E. 100510

Kurkin, G. *see* Ping Wang 100697

Kurkin, G.Ya. *see* Vinokurov, N.A. 96552

Kurkin, S.A. *see* Evreinov, G.E. 110952

Kurkjian, C.R., Biswas, D., Yuce, H.H. Intrinsic strength of lightguide fibers 84972

Kurkjian, C.R., Yuce, H.H., Matthewson, M.J. Room temperature strength degradation of optical fibers 84968

Kurkjian, C.R. *see* Shiue, Y.S. 84978

Kurlagunda, R., Baliga, B.J. The MOS-gated floating base thyristor: a new dual gate thyristor with improved forward biased safe operating area 105941

Kurlanov, A.D. *see* Denisov, V.I. 109825

Kurner, T., Fauss, R., Wasch, A. A hybrid propagation modelling approach for DCS 1800 macrocells 116908

Kurner, W. *see* Haase, D. 114634

Kurnia, A. *see* Widjaja, I. 63592

Kurniadi, D., Komiya, K.-I. A method for detecting and imaging of internal objects based on resistivity and permittivity distribution 69434

Kurnianto, S. *see* Croft, E.A. 108663

Kurnit, N.A. *see* Shimada, T. 110407

Kurnosov, A.K. *see* Berdyshev, A.V. 116338

Kurnosov, A.K. *see* Borodin, A.M. 65039

Kurnosov, A.K. *see* Golovin, A.S. 75805

Kurnosov, A.K. *see* Napartovich, A.P. 107070

Kuroba, Y., Yamada, T., Aruga, K., Mizoshita, Y. Low-profile spindle motor for 5-mm-height PCMCIA disk drive 71362

Kuroba, Y. *see* Aruga, K. 64404

Kurobe, A. *see* Patel, N.K. 62900

Kurobe, T., Noguchi, M., Matsumoto, T. Precision breaking of a silicon wafer by YAG laser–double irradiation breaking assisted by mirror surface cooling 60597

Kurobe, Y. *see* Wada, T. 89578

Kurochkin, A.P. *see* Shteinshleiger, V.B. 68665

Kurochkin, A.V. *see* Kotov, V.N. 79244

Kurochkin, I.N. *see* Ghindilis, A.L. 110225

Kurochkin, I.N. *see* Varfolomeev, S.D. 110224

Kurochkin, N.E., Kholodnov, V.A. Transfer characteristic and response rate of a threshold p-i-n avalanche photodiode for a short-pulse exposure 95982

Kurochkin, V.V. *see* Kotov, V.N. 79244

Kuroda, A., Kurimura, S., Uesu, Y. Domain inversion in ferroelectric MgO:LiNbO$_3$ by applying electric fields 106331

Kuroda, A. *see* Ara, K. 69394

Kuroda, H., Ozaki, T. He-like recombination pumped soft X-ray lasers 116300

Kuroda, H., Tsuchiya, T., Fujita, K., Matsuo, M., Shiraishi, O. GPS receiver IC μPB1003GS 73812

Kuroda, H., Tsuchiya, T., Fujita, K., Matsuo, M., Shiraishi, O. Development of RF/IF downconverter+PLL frequency synthesizer ICs for GPS receivers 83419

Kuroda, H. *see* Chang-Jun Zhu 116301

Kuroda, H. *see* Fujimura, M. 67197

Kuroda, H. *see* Ishimura, H. 83372

Kuroda, H. *see* Itatani, J. 116427

Kuroda, H. *see* Mwansa, D. 67492

Kuroda, H. *see* Orimo, S. 116302

Kuroda, H. *see* Ozaki, T. 107132

Kuroda, H. *see* Sato, E. 110878

Kuroda, H. *see* Wang, Y. 67493

Kuroda, H. *see* Watanabe, S. 73748

Kuroda, H. *see* Watanabe, S. 93807

Kuroda, K., Mizuno, M., Hirono, T. Mitsubishi Electric's apricot FT8000 series server 109016

Kuroda, K., Takami, T., Kataoka, M., Tanimura, J., Kojima, K., Nunoshita, M. SIS tunnel junctions using BKBO grain boundary 84896

Kuroda, K. *see* Akhmetov, A.A. 95417

Kuroda, K. *see* Akhmetov, A.A. 95426

Kuroda, K. *see* Nakamura, A. 85693

Kuroda, K. *see* Ninomiya, K. 103415
Kuroda, K. *see* Takami, T. 83530
Kuroda, K. *see* Takami, T. 84905
Kuroda, K. *see* Takeo, M. 103044
Kuroda, K. *see* Tsuda, N. 110911
Kuroda, K. *see* Tsuji, S. 95034
Kuroda, K. *see* Yajima, Y. 79377
Kuroda, K. *see* Yajima, Y. 89467
Kuroda, K. *see* Yamada, K. 100764
Kuroda, M. *see* Alvarez, G.A. 84873
Kuroda, M. *see* Fukuda, Y. 63272
Kuroda, N. *see* Hinamoto, T. 114111
Kuroda, N. *see* Naniwae, K. 74156
Kuroda, N. *see* Shen, M.Y. 76133
Kuroda, R. *see* Yano, K. 62656
Kuroda, S., Kojima, K., Takita, K., Uchida, K., Miura, N. Magnetic-field induced type I-type II transition in $CdTe/Cd_{1-x}Mn_xTe$ multiple quantum wells 74400
Kuroda, S. *see* Hishikawa, Y. 103018
Kuroda, S. *see* Takechi, M. 75369
Kuroda, T., Fujita, T., Mita, S., Nagamatu, T., Yoshioka, S., Sano, F., Norishima, M., Murota, M., Kako, M., Kinugawa, M., Kakumu, M., Sakurai, T. A 0.9 V 150 MHz 10 mW 4 mm^2 2-D discrete cosine transform core processor with variable-threshold-voltage scheme 73425
Kuroda, T., Fujita, T., Nagamatu, T., Yoshioka, S., Sei, T., Matsuo, K., Hamura, Y., Mori, T., Murota, M., Kakumu, M., Sakurai, T. A high-speed low-power 0.3 μm CMOS gate array with variable threshold voltage (VT) scheme 104515
Kuroda, T., Fujita, T., Noda, M., Itabashi, Y., Kabumoto, S., Wong, T.S., Beeson, D., Gray, D. Capacitor-free level-sensitive active pull-down ECL circuit with self-adjusting driving capability 73204
Kuroda, T., Inoue, K., Kuribayashi, R., Minami, F., Mysyrowicz, A., Suemune, I. Coherent formation of biexcitons in ZnSe/ZnSSe quantum wells by four-wave mixing 74249
Kuroda, T., Matsuda, Y., Ishikawa, K., Tachikawa, K., Masuyama, M., Asaumi, M., Niwayama, M., Yamada, T., Miyata, Y., Niisoe, N., Terakawa, S. A ¼ inch 330 k square pixel progressive-scan IT-CCD image sensor with submicrometer channel width 79547
Kuroda, T., Takada, M., Isobe, T., Yamada, O. Transmission scheme of high-capacity FM multiplex broadcasting system 109852
Kuroda, T., Takada, M., Saito, T., Yamada, O. A study on compatibility of FM multiplex broadcasting with stereo sound broadcasting 79120
Kuroda, T. *see* Detchprohm, T. 104064
Kuroda, T. *see* Iwakuro, H. 63332
Kuroda, T. *see* Kamimura, K. 105720
Kuroda, T. *see* Mitsumori, Y. 74243
Kuroda, T. *see* Nakahara, S. 108916
Kuroda, T. *see* Tanaka, M. 120121
Kuroda, T. *see* Unekawa, Y. 78296
Kuroe, Y. *see* Kawakaki, H. 86336
Kurogi, H. *see* Ino, M. 61380
Kurohmaru, S. *see* Okamoto, K. 118691
Kuroi, Y. *see* Minami, T. 92797
Kuroi, Y. *see* Minami, T. 106988
Kuroiwa, K. *see* Senzaki, J. 104106
Kuroiwa, T., Hosono, T. A new algorithm for transient analysis of electromagnetic wave systems 107875
Kuroiwa, T. *see* Horikawa, T. 113935
Kuroiwa, T. *see* Horikawa, T. 115444
Kuroiwa, Y. *see* Kondo, Y. 76123
Kurokawa, A., Ichimura, S. High purity ozone oxidation on hydrogen passivated silicon surface 105697
Kurokawa, H. *see* Suzuki, K. 104897
Kurokawa, H. *see* Tokumaru, K. 78040
Kurokawa, K. Data sampling speed versus energetic measurement errors of irradiation monitoring in photovoltaic systems 112409
Kurokawa, K., Inagaki, T., Agu, M., Okamoto, Y. Temperature measurement at normal temperature condition by bicolored infrared radiometer in consideration of reflection from surroundings and its accuracy 79749
Kurokawa, K. *see* Nishio, T. 71172
Kurokawa, K. *see* Yukawa, M. 121890
Kurokawa, M., Hashiguchi, A., Nakamura, K., Okuda, H., Aoyama, K., Yamazaki, T., Ohki, M., Soneda, M., Seno, K., Kumata, I., Aikawa, M., Hanaki, H., Iwase, S. 5.4 GOPS linear array architecture DSP for video-format conversion 77536
Kurokawa, M. *see* Ishii, M. 91205
Kurokawa, N. *see* Fujii, S. 101427
Kurokawa, S. KEKB status and plans 79820
Kurokawa, S.-I., Katoh, T., Nakamura, T.T., Mimashi, T., Yamamoto, N. Control system design for KEKB accelerators 89928
Kurokawa, T. Study of surface-normal photonic switches for broadband networks at NTT 99029
Kurokawa, T. *see* Matsuo, S. 85332
Kurokawa, T. *see* Nonaka, K. 85495
Kurokawa, T. *see* Ohiso, Y. 96279
Kurokawa, T. *see* Ohiso, Y. 96377
Kurokawa, T. *see* Takenouchi, H. 107241
Kurokawa, T. *see* Tsuda, H. 64823
Kurokawa, T. *see* Yamamoto, T. 78320
Kurokawa, Y. Series 02, 03, 06 and 07 cars of the Teito Rapid Transit Authority 122039
Kurokawa, Y., Nagasaki, A., Homma, T., Osaka, T. Effect of perpendicular layer thickness on read/write characteristics of perpendicular/longitudinal composite media using ring-type head 115770
Kurokawa, Y., Ujiie, M., Takeuchi, M., Omori, E., Neki, K., Koike, T. Package development for high speed RISC microprocessors V_R series 73454
Kurokawa, Y. *see* Homma, T. 64460
Kurokawa, Y. *see* Toyama, T. 96039
Kuroki, F. *see* Jifu Huang 73652
Kuroki, H. *see* Imaizumi, M. 74200
Kuroki, K. *see* Kume, M. 84813
Kuroki, K. *see* Oyama, J. 91625
Kuroki, K. *see* Saitoh, N. 66981
Kuroki, T. *see* Ishida, M. 75046
Kuroki, Y., Ohta, T. Improvement of the coding efficiency for the QM-coder 97461
Kuroki, Y., Ohta, T. A new statistical model for the JPEG spatial scheme 98075
Kurome, K. *see* Oku, Y. 110935
Kuronaka, H. High-frequency parts sport top techniques for mobilecom 109445
Kurono, M., Isawa, K., Kuribara, M. Transient states of optical polarization by impulse current in OPGW 99496
Kuronuma, O. *see* Yuasa, T. 70036
Kurosaki, R. *see* Chinzei, Y. 74557
Kurosaki, T. *see* Hirono, T. 65280
Kurosaki, T. *see* Uchida, N. 109616
Kurosaki, Y. *see* Fushinobu, K. 74511
Kurosaki, Y. *see* Ioi, K. 121519
Kurosaki, Y. *see* Sasae, K. 91700
Kurosaki, Y. *see* Uchida, N. 88639
Kurosawa, I., Maezawa, M., Aoyagi, M., Nakagawa, H., Yamamoto, K., Matsumoto, S. Threshold voltage characteristics of superconductor gate nMOSFET at 4.2 K 94984
Kurosawa, K. Fast stability test algorithm for discrete time systems 117378
Kurosawa, K., Murakami, H., Watanabe, T., Futami, R., Hoshimiya, N., Handa, Y. A study on modification method of stimulation patterns for FES 110933
Kurosawa, K. *see* Fujii, H. 66291
Kurosawa, K. *see* Obana, S. 97458
Kurosawa, K. *see* Ogata, W. 86069
Kurosawa, K. *see* Saitoh, N. 66981
Kurosawa, K. *see* Yokotani, A. 104086
Kurosawa, M., Inagaki, H., Higuchi, T. Investigation of stator transducer for a column-shaped ultrasonic motor 95327
Kurosawa, M., Takahashi, M., Higuchi, T. Friction drive surface acoustic wave motor 95325
Kurosawa, M., Takahashi, M., Higuchi, T. Ultrasonic linear motor using surface acoustic waves 112012
Kurosawa, M. *see* Ishii, T. 91565
Kurosawa, M. *see* Morita, T. 91564
Kurosawa, S., Kamo, N., Arimura, T., Sekiya, A., Muratsugu, M. Adsorption of $F(ab')_2$ anti-human immunoglobulin G to plasma-polymerized allylamine film covered on a silver plate 79575
Kurosawa, S. *see* Kubodera, K. 63847
Kurosawa, S. *see* Kubodera, K. 113577
Kurosawa, Y. *see* Nakamura, K. 64800
Kurose, J.F. *see* Salehi, J.D. 78169
Kurose, J.F. *see* Salehi, J.D. 98773
Kurose, J.F. *see* Yates, D.J. 77732
Kurose, T., Ogawa, E. Improvement of finite state vector quantization using classification 90439
Kuroshima, N. *see* Harano, M. 79501
Kuroshita, K. *see* Muramatsu, H. 89485
Kurosu, T. *see* Parnklang, J. 63736
Kurosu, T. *see* Phetchakul, T. 105858
Kurota, G., Kiyono, K., Yamasawa, K. A new micro and planar surface coil system for MRI 114351
Kurova, I.A., Miroshnik, O.N., Ormont, N.N. Effect of high-temperature annealing on the electrical and photoelectrical properties of compensated a-Si:H films containing boron and fluorine 62770
Kurova, I.A. *see* Kazanskii, A.G. 94400
Kurova, O.P., Larionov, S.V., Vasilevskaya, L.M., Ogorodnikov, A.G. Multispectral optoelectronic modules for space environmental monitoring systems 101580
Kurowski, T., Greczko, E. Hybrid two-branch input filter of DC chopper electric traction vehicle 112516
Kurowski, T. *see* Greczko, E. 112062
Kuroyanagi, N., Guo, L., Suehiro, N. Proposal of a novel signal separation principle based on DFT with extended frame Fourier analysis 86193
Kuroyanagi, N., Ohtake, K., Akiyama, K. Design principle of colored-noise tolerant optimum despreading-code sequences for spread-spectrum systems 86041
Kuroyanagi, N. *see* Takahashi, K. 92583
Kuroyanagi, N. *see* Takahashi, K. 114120
Kuroyanagi, S., Hironishi, K., Maeda, T. Optical cross-connect architecture using free-space optical switches based on PI-LOSS topology 88045
Kurpas, P. *see* Knorr, K. 103907
Kurps, R. *see* Nilsson, S. 114757
Kurps, R. *see* Zeindl, H.P. 114733
Kurrat, M. *see* Danikas, M.G. 84676
Kurrat, M. *see* Soppart, O. 81610
Kurronen, P. *see* Haataja, J. 91531
Kurschner, H.-G. *see* Piel, H. 84858
Kurshan, R.P. *see* Clarke, E.M. 73178
Kurshanov, V. *see* Akimov, I.S. 121307
Kursheva, E.N., Petrov, B.K. Optimization of the peripheral part of planar p-n junctions in high-power, high-voltage semiconductor structures 105241
Kursinski, E.R., Hajj, G.A., Bertiger, W.I., Leroy, S.S., Meehan, T.K., Romans, L.J., Schofield, J.T., Mccleese, D.J., Melbourne, W.G., Thornton, C.L., Yunck, T.P., Eyre, J.R., Nagatani, R.N. Initial results of radio occultation observations of Earth's atmosphere using the Global Positioning System 70484
Kurtas, E., Proakis, J.G., Salehi, M. Multi-track MSN codes for magnetic recording channels 66350
Kurtenbach, A. *see* Dilger, M. 72782
Kurtenbach, A. *see* Moritz, A. 85465
Kurtenbach, A. *see* Tornow, M. 62993
Kurtenbach, R. *see* Wiesen, P. 70524
Kurth, P. *see* Pieper, V. 60708
Kurth, T. *see* Biese, G. 105425
Kurth, T. *see* Bollweg, K. 105424
Kurtyka, T. *see* Buckley, J. 89629
Kurtz, A.D. *see* Okojie, R.S. 79356
Kurtz, E., Nuernberger, J., Jobst, B., Baumann, H., Kuttler, M., Einfeldt, S., Hommel, D., Landwehr, G., Bethge, K., Bimberg, D. Novel results on compensation processes in ZnSe:N 74207
Kurtz, E. *see* Albert, D. 74204
Kurtz, E. *see* Baeume, P. 74199
Kurtz, E. *see* Hoffmann, A. 62803
Kurtz, E. *see* Hoffmann, A. 74210
Kurtz, E. *see* Hommel, D. 75944
Kurtz, S.R. *see* Allerman, A.A. 85502
Kurtz, S.R. *see* Friedman, D.J. 112348
Kurtz, S.R. *see* Hjalmarson, H.P. 94473
Kurtze, D. *see* Snyder, H. 118474
Kurtzke, C. *see* Breuer, D. 88452
Kurtzke, C. *see* Breuer, D. 88458
Kurtzke, C. *see* Kindt, S. 68353
Kuruc, A. Estimation of integral functionals in emission tomography 90452
Kuruganty, S. HVDC transmission system models for power system reliability evaluation 81023
Kurugollu, T. *see* Gumuskaya, H. 93439
Kuruma, K. *see* Sakamoto, Y. 71649
Kuruma, S. *see* Asakawa, M. 96555
Kuruma, S. *see* Furukawa, H. 96508
Kuruma, S. *see* Goto, M. 96511
Kuruma, S.I. *see* Ohigashi, N. 110518
Kurusu, T. *see* Yazawa, T. 102053
Kuruvilla, B.A., Daita, A., Shekhawat, G.S., Sharma, A.K., Vyas, P.D., Gupta, R.P., Kulkarni, S.K. Atomic force microscopy of selenium sulfide passivated GaAs (100) surface 84151
Kuruvilla, B.A. *see* Jayakrishnan, R. 72860
Kurvinen, K. *see* Ajinenko, I. 90197
Kurylyak, D.B., Kolodii, B.I. Theory of electromagnetic monitoring of conducting conical bodies 104202
Kuryshev, G.L. *see* Gerasimenko, N.N. 83848
Kuryshev, G.L. *see* Kornyushkin, N.A. 74477
Kuryshov, S. *see* Petrov, V. 85161
Kurz, B. *see* Al-Zonan, A. 99385
Kurz, G. *see* Calen, H. 120194
Kurz, H. InterCity Express 2: new generation ICE for the German Railway 122012
Kurz, H. *see* Barth, R. 110163
Kurz, H. *see* Cho, G.C. 114727
Kurz, H. *see* Dekorsy, T. 63037
Kurz, H. *see* Golz, A. 105717
Kurz, H. *see* Hirakawa, K. 105263
Kurz, H. *see* Jaekel, C. 115929
Kurz, H. *see* Koster, T. 62812
Kurz, H. *see* Leisching, P. 63036
Kurz, H. *see* Pfeifer, T. 83344
Kurz, H. *see* Stein von Kamienski, E. 105510
Kurz, H. *see* Vosseburger, M. 62814
Kurz, H. *see* Vosseburger, M. 114726
Kurz, L. *see* Albright, R.E. 117745
Kurz, L. *see* Celebi, M.E. 97398
Kurz, L. *see* Jaehyun Park 67087
Kurz, L. *see* Ketel, M. 66679
Kurz, M. *see* Dohlus, M. 89660
Kurz, M. *see* Krietenstein, B. 89661
Kurz, P., Mukai, T. Frequency stabilization of a semiconductor laser by external phase-conjugate feedback 107336
Kurz, P., Nagar, R., Mukai, T. Phase conjugate reflectivity of 165% using four-wave mixing in a broad-area laser diode 65315
Kurz, S., Fetzer, J., Lehner, G. Three-dimensional transient BEM-FEM coupled analysis of electrodynamic levitation problems 65746
Kurz, S., Fetzer, J., Lehner, G. A novel iterative algorithm for the nonlinear BEM-FEM coupling method 96936
Kurz, S., Jinxing Shen, Kost, A. An adaptive algorithm for boundary element method post-processing 65646
Kurz, S. *see* Fetzer, J. 65656
Kurz, S. *see* Fetzer, J. 107750
Kurz, T. *see* Kumar, A. 65501
Kurzum, M. *see* Sayah, J.Y. 113638
Kurzweil, K. *see* Bedouani, M. 62512
Kus, J. *see* Korbicz, J. 99858
Kus, M. *see* Albeverio, S. 114741
Kus, M. *see* Haake, F. 107992
Kus, Z. *see* Nebus, F. 86217

Kusaba, R. *see* Minami, T. 83087
Kusaba, R. *see* Suguri, K. 77531
Kusabiraki, M. *see* Umekawa, S. 64954
Kusaka, H., Kominami, M., Fukui, H., Kitai, D. Nonlinear distortion due to laser diodes in fiber-optic CDMA systems 78832
Kusaka, H. *see* Hirata, A. 76432
Kusaka, H. *see* Inui, K. 76399
Kusaka, H. *see* Inui, K. 78641
Kusaka, H. *see* Ling Chen 67496
Kusaka, H. *see* Ling Chen 76675
Kusaka, H. *see* Ling Chen 76955
Kusaka, M. *see* Hirai, M. 113478
Kusaka, M. *see* Jikimoto, T. 105464
Kusaka, M. *see* Jinguji, M. 109193
Kusakabe, C. *see* Ohnishi, K. 102765
Kusakabe, C. *see* Takano, T. 101605
Kusakabe, C. *see* Tomikawa, Y. 84717
Kusakabe, K. *see* Maeda, H. 72785
Kusakari, H., Tani, H. Laser application for clinical dental use 110907
Kusakari, T., Yoshikawa, M. A piezo-driven 3D positioning mechanism with single-stage structure 71609
Kusama, A. *see* Yoshida, K. 80884
Kusama, H. *see* Hirao, M. 71867
Kusama, T. *see* Liu, W.H. 120556
Kusano, J. *see* Ito, N. 79919
Kusano, J. *see* Saiki, T. 94455
Kusano, K., Ankiewicz, A., Burke, S.V. Accurate expressions for the LP modes in a uniform circular-core curved fiber 64639
Kusano, K. *see* Saiki, T. 69214
Kusano, K. *see* Suzuki, H. 103121
Kusano, S. *see* Uematsu, M. 110884
Kusano, T. *see* Ishida, R. 78546
Kusano, T. *see* Izutani, S. 71032
Kusanobu, S. *see* Nishii, R. 111166
Kusaura, N., Uchida, N. Distribution of service data to distributed SCPs in the advanced IN 78153
Kusayanagi, N. *see* Kim, K.Y. 114029
Kuscer, D., Holc, J., Hrovat, M., Bernik, S., Kolar, D. Investigations of La(Fe,Al)O_3 based materials for SOFC 81735
Kuscer, D. *see* Hrovat, M. 81736
Kusche, D. *see* Hudner, J. 113502
Kusche, R. *see* Horsch, I. 65219
Kuschel, H. Radar signal optimisation for VHF-experimental radar LARISSA 68656
Kushaa, A. *see* Zhang, X. 62907
Kushawaha, V., Yan, Y., Chen, Y. Efficiency of diode-pumped 1.35 μm laser from Nd:KGW 65128
Kushawaha, V. *see* Sentrayan, K. 65469
Kushawaha, V. *see* Youming Chen 85440
Kushida, N. *see* Ohtsu, T. 115734
Kushida, T. *see* Miyamoto, H. 95585
Kushilevitz, E., Ostrovsky, R., Rosen, A. Characterizing linear size circuits in terms of privacy 98463
Kushin, V., Kulevoy, T., Nesterov, N., Oreshnikov, A., Plotnikov, S., Seleznev, D., Zubovskiy, V. Details of the initial part of the tungsten ion linac for particle track membranes production 79805
Kushiya, K., Nii, T., Sugiyama, I., Sato, Y., Inamori, Y., Takeshita, H. Application of Zn-compound buffer layer for polycrystalline CuInSe$_2$-based thin-film solar cells 112392
Kushler, R. *see* Jones, R. 60664
Kushnarev, F.A., Kobzarenko, L.N. Should heat-and-power storage plants using solar energy be widely employed? 102420
Kushner, L.J., Ainsworth, M.T. Spurious reduction for direct digital synthesizers 114051
Kushner, L.J. *see* Van Andrews, G. 93165
Kushner, M.J. Advances in plasma equipment modeling 84050
Kushner, M.J., Collison, W.Z., Grapperhaus, M.J. A 3-dimensional model for inductively coupled plasma etching reactors: coil generated plasma asymmetries 105617
Kushner, M.J., Collison, W.Z., Ruzic, D.N. Electron-beam controlled radio frequency discharges for plasma processing 94760
Kushner, M.J., Ruzic, D.N., Yang, J. Electron beam control rf discharges for plasma processing 60557
Kushner, M.J. *see* Gentile, A.C. 62545
Kushner, M.J. *see* Grapperhaus, M.J. 62547
Kushner, M.J. *see* Hoekstra, R.J. 63343
Kushner, M.J. *see* Hwang, H.H. 74591
Kushner, M.J. *see* Hwang, H.H. 114956
Kushner, M.J. *see* Snodgrass, T.G. 114872
Kushnick, E. An inexpensive receiver preselector 99050
Kushnir, V.A. *see* Aizatsky, N.I. 110475
Kushnir, V.A. *see* Tur, Yu.D. 89711
Kushniruk, W. *see* Tsyganov, Yu. 120183
Kusiak, A., Zakarian, A. Reliability evaluation of process models 72346
Kusian, W., Furlan, J., Conte, G. The pin/TCO/nip solar module 71718
Kusian, W. *see* Pfleiderer, H. 81895
Kusian, W. *see* Topic, M. 100019
Kuske, J. *see* Schade, K. 92895
Kusko, M.P. *see* Druckerman, H.B. 72250
Kusmartseva, O. *see* Ahmed, E. 74515
Kusmierczyk, A. *see* Sosnowski, J. 104616
Kusnierkiewicz, D.Y. *see* Beal, R.C. 120849
Kusonoki, T. *see* Ohno, K. 89409
Kuss, F. *see* Strack, D. 84215
Kussay Kayyali, A. *see* Khan, A. 93129
Kussmaul, C.L. *see* Fletcher, E.M. 90527
Kuster, E.J. *see* Maloney, J.G. 97054
Kuster, N. *see* Hombach, V. 120539
Kuster, N. *see* Meier, K. 120546
Kustera, D. *see* Rui Liu 71548
Kusters, B. *see* Nam Tien Nguyen 103354
Kusters, M.A. *see* Behet, M. 61279
Kustom, R. *see* Cho, Y. 79994
Kustom, R. *see* Horan, D. 102855
Kustom, R. *see* Matthews, P. 100511
Kustom, R. *see* Matthews, P.J. 100436
Kustom, R. *see* Primdahl, K. 100512
Kustom, R. *see* Primdahl, K. 100513
Kustom, R.L. *see* Kang, Y.W. 89647
Kustom, R.L. *see* Nassiri, A. 96465
Kustov, A.L. *see* Klyuev, V.G. 75707
Kusuda, T. *see* Sakai, T. 83863
Kusuda, Y. *see* Anzaki, T. 84389
Kusui, S. *see* Hashimoto, A. 102313
Kusukawa, K. *see* Takao, K. 113519
Kusumi, T. *see* Yamaguchi, M. 73295
Kusumi, Y. *see* Matsui, Y. 62938
Kusumi, Y. *see* Matsui, Y. 62943
Kusumoto, N. *see* Inushima, T. 83871
Kusumoto, S. *see* Munakata, T. 65228
Kusumoto, S. *see* Munakata, T. 79735
Kusunoki, A., Kikuoka, Y., Tanase, S., Ishikawa, H., Ipponmatsu, M., Fujii, Y., Kanda, T., Hiratsuka, H. Research on samarium-doped ceria electrolytes for fuel cells 71676
Kusunoki, A., Ohtsuki, J., Sasaki, A., Matsumoto, H. Optimization of molten carbonate fuel cell power plant design 71198
Kusunoki, H., Komoda, N., Nakamura, M., Goudy, R., Yasui, Y., Suzuki, Y., Nakamura, M., Arai, A. Vehicle lateral control development using laser radar to detect reflective lane markers 67098
Kusunoki, I., Takagaki, T., Igari, Y., Takaoka, T. Si-C alloy and SiC$_x$ layer formation on Si(100) by reaction with a C$_2$H$_4$ beam 113480
Kusunoki, K., Nakakawaji, T. On-time critical communication control mechanism for multimedia LAN 98728
Kusunoki, K., Nakakawaji, T., Katsuyama, K., Nakano, N. Proposal and evaluation of time critical communication protocol with two-level data queues 77727
Kusunoki, K. *see* Yanagisawa, T. 81348
Kusunoki, M. *see* Fujimaki, A. 115921
Kusunoki, S. *see* Shimizu, S. 84440
Kusunoki, T., Suzuki, M. Quantitative relationship between the work function and transfer ratio of a potassium-adsorbed MIM cathode 105520
Kusunoki, T. *see* Shoji, H. 85470
Kuszeleqicz, R. *see* Gerard, J.M. 85549
Kuszelewicz, R. *see* Bouche, N. 88609
Kuszelewicz, R. *see* Lovering, D.J. 106910
Kutami, H. *see* Nakamura, M. 72742
Kutani, M. *see* Takeuchi, H. 73128
Kutay, M.A. *see* Ozaktas, H.M. 108308
Kutchinsky, J. *see* Taboryski, R. 94564
Kuterovac, L. *see* Maljkovic, Z. 111911
Kuth, A. *see* Wilberg, J. 93050
Kuthyar, A.K. *see* Roy, R.R. 87936
Kuti, C. Operation parameters of standing-wave diffraction modulators based on the piezoelectrically induced strain-optic effect 106855
Kutics, A. A new evolutionary approach for blood vessel detection on a transputer network 90276
Kutin, A.M. *see* Sidorenko, V.D. 95552
Kutkovoi, A.V. *see* Zverev, M.M. 65335
Kutkut, N.H. An electric vehicle battery charging system 122051
Kutlu, A., Ekiz, H., Powner, E.T. Performance analysis of MAC protocols for wireless control area network 77753
Kutlu, M. *see* Cristi, R. 97443
Kutnenko, O.A. *see* Kel'manov, A.V. 66582
Kutnenko, O.A. *see* Kel'manov, A.V. 66752
Kutovoi, G.P. *see* Khrilyev, L.S. 80839
Kutovoi, V.D. *see* Karpov, O.V. 89208
Kutrowski, M. *see* Wojtowicz, T. 72760
Kuts, V.I. *see* Litovchenko, P.G. 120559
Kuts, V.I. *see* Vernidub, R.M. 116216
Kutsaenko, V., Laretskii, E., Johnstone, W. Optical transmission of a "Continuous fiber" component comprising a multilayer structure with the thin metal film 116037
Kutsenko, A.V. *see* Ivanov, V.V. 119543
Kutser, T., Blanco, A., Arst, H. Evaluation of remote sensing algorithms for the retrieval of optically-active components in turbid natural waters 111252
Kutsuwada, M. *see* Taguchi, A. 67054
Kutsuzawa, O. *see* Niiyama, Y. 90524
Kuttikkad, S. *see* Chellappa, R. 66872
Kuttler, M., Grundmann, M., Heitz, R., Pohl, U.W., Bimberg, D., Stanzel, H., Hahn, B., Gebhardt, W. Diffusion induced disordering (DID) in ZnSSe/ZnSe superlattices 74375
Kuttler, M. *see* Dadgar, A. 92784
Kuttler, M. *see* Kurtz, E. 74207
Kuttner, C. Hardware-software codesign using processor synthesis 104266
Kuttner, F. *see* Haas, M. 109575
Kuttner, F. *see* Haas, M. 109868
Kutty, T.R.N., Ezhilvalavan, S. Zinc oxide ceramic varistors formulated with barium orthosilicate for operation in the 3-15 V battery range 95096
Kutty, T.R.N. *see* Ezhilvalavan, S. 63830
Kutulakos, K.N., Vallino, J. Affine object representations for calibration-free augmented reality 68922
Kutulakos, K.N., Vallino, J.R. Non-Euclidean object representations for calibration-free video overlay 117690
Kutuzov, P.F. *see* Volosovich, A.E. 85184
Kutuzov, S.I. Features of the limitation of higher harmonic generated by a synchronous machine in an autonomous power system 70627
Kutuzov, S.I. Limiting of higher harmonics introduced into an autonomous power system by a synchronous machine 101660
Kutuzova, L.V. *see* Ershov, V.P. 120114
Kutvonen, L. Overview of the DRYAD trading system implementation 98779
Kutz, J.N., Muraki, D.J. Enhanced power transfer and mode coupling in spun twin-core optical fibers 75488
Kutz, J.N. *see* Bronski, J.C. 99490
Kutzenko, A.S. *see* Maloletov, S.M. 96818
Kutzer, V. *see* Heitz, R. 74211
Kutzer, V. *see* Hoffmann, A. 62803
Kutzner, R., Salge, J.G.H. Non-thermal transient gas discharges for pollution control 76328
Kuus, H. *see* Wegrowe, J.-G. 76559
Kuusama, J. A flexible architecture for audio and speech application development 93418
Kuusela, M. *see* Silventoinen, M.I. 99279
Kuusisto, S. *see* Salmela, P. 108210
Kuver, A., Mitchell, A., Austin, M.W., Sengupta, D. Single mode multiple quantum well waveguide electroabsorption modulators operating at 833 nm 75591
Kuver, A. *see* Egan, R.J. 75590
Kuvin, B.F. Inverters power welds for aluminum fuel tanks 122107
Kuvshinov, M.I. *see* Bosamykin, V.S. 100797
Kuwa, S. *see* Ishii, S. 119445
Kuwabara, H., Asai, H., Tatsuoka, H., Nakamura, T., Nakanishi, Y., Fujiyasu, H. Picosecond photoluminescence properties of CdTe-ZnTe superlattices prepared by hot-wall epitaxy 74398
Kuwabara, H., Nara, K. Multi-year expansion planning algorithm for distribution system taking fault into consideration 81045
Kuwabara, H. *see* Changku Hwang 104385
Kuwabara, H. *see* Muramatsu, K. 104056
Kuwabara, H. *see* Nakanishi, Y. 64953
Kuwabara, H. *see* Nakanishi, Y. 104031
Kuwabara, K., Ishida, T., Osato, N. AgenTalk: Coordination protocol description for multi-agent systems 77730
Kuwabara, K. *see* Mimura, A. 84604
Kuwabara, M., Morimo, K., Matsunaga, T. Single-grain boundaries in PTC resistors 73821
Kuwabara, M. *see* Takahashi, M. 64327
Kuwabara, N. EMC measurement method for telecommunications line ports 97199
Kuwabara, N. *see* Akiyama, Y. 65900
Kuwabara, N. *see* Motomitsu, T. 77817
Kuwabara, T., Shibuya, A., Furuta, H., Kita, E., Mitsuhashi, K. Design and dynamic response characteristics of 400 MW adjustable speed pumped storage unit for Ohkawachi Power Station 81355
Kuwabara, T. *see* Kita, E. 81350
Kuwabara, T. *see* Ohata, K. 88085
Kuwabara, Y. *see* Tsuzuki, T. 62794
Kuwabata, S., Yoneyama, H. Preparation and properties of manganese dioxide/polypyrrole composites as an active material for lithium secondary batteries 112287
Kuwahara, H. *see* Nakai, H. 92860
Kuwahara, H. *see* Nishimoto, H. 119206
Kuwahara, K., Daiku, N., Kikuchi, K. Thermal-stress analysis on CRT bulbs 83777
Kuwahara, K. *see* Doi, K. 73457
Kuwahara, K. *see* Takano, Y. 92752
Kuwahara, K. *see* Wakiwaka, H. 70554
Kuwahara, T. *see* Onuki, T. 111896
Kuwahara, T. *see* Shibata, T. 108664
Kuwahara, Y. *see* Hibino, T. 71675
Kuwajima, T. *see* Omura, M. 94821
Kuwaki, T. *see* Kihwan Ju 69934
Kuwako, E. *see* Matsumoto, S. 73736
Kuwamura, Y., Yamada, M., Hashimoto, S. Analysis of operating mechanism in semiconductor optical modulator with electron-depleting absorption control 106867
Kuwano, H., Yanagisawa, K., Ohkubo, T. Fabrication of a magnetically-driven resonant micro-beam sensor and its resonant frequency modulation using focused ion beam techniques 63982
Kuwano, H. *see* Fukuzawa, K. 92998
Kuwano, H. *see* Fukuzawa, K. 110165
Kuwano, H. *see* Nakamura, M. 119769
Kuwano, S., Takachio, N., Iwashita, K., Otsuji, T., Imai, Y., Enoki, T., Yoshino, K., Wakita, K. 160-Gbit/s (4-ch×40-Gbit/s electrically multiplexed data) WDM transmission over 320-km dispersion-shifted fiber 88648
Kuwano, S. *see* Widarta, A. 85947
Kuwano, S. *see* Yonenaga, K. 68510
Kuwano, S. *see* Yoshida, S. 68521
Kuwano, Y. *see* Fukuhara, M. 82791
Kuwata, M., Maeda, H., Husimi, K., Ohkawa, S., Iwasaki, M., Nakamura, S.N., Ito, T.M., Terada, T.

A pulse-processor based on rise time measurement of trapezoidal waveforms by using a count-up ADC 90205
Kuwata, M., Maeda, H., Husimi, K., Ohkawa, S., Iwasaki, M., Nakamura, S.N., Ito, T.M., Terada, T. A pulse-processor based on rise time measurement of trapezoidal waveforms by using a count-up ADC 100925
Kuwata, T. *see* Muraji, H. 89369
Kuwata, T. *see* Ohishi, I. 119813
Kuwata, Y. *see* Tazume, K. 121654
Kuwatsuka, H., Shoji, H., Matsuda, M., Ishikawa, H. THz frequency conversion using nondegenerate four-wave mixing process in a quarter-wavelength-shifted DFB laser 78802
Kuwayama, T. *see* Ishii, S. 119445
Kux, A., Ben Chorin, M. Red, green and blue luminescence in porous silicon - a study of excitation spectra 94311
Kux, A. *see* Kovalev, D. 94269
Kux, H.J.H., Barbosa da Silva, V. Validation of ERS-1/SAR data to map the Rio Amazonas floodplain according to the cartographic accuracy standards 111086
Kux, H.J.H. *see* Henebry, G.M. 120666
Kuyanov, I.A. *see* Zavodinsky, G. 114703
Kuyel, T., Ghosh, J., Geisler, W. A nonparametric statistical analysis of texture segmentation performance using a foveated image preprocessing similar to the human retina 77442
Kuyen, M.van *see* van Kuyen, M.
Kuyt, G. *see* Henschel, H. 75506
Kuyt, G. *see* Henschel, H. 106816
Kuyt, G. *see* Van Laere, A.R. 64675
Kuzaev, G.A. *see* Tchernyi, V.V. 65480
Kuze, N., Goto, H., Miya, S., Muramatsu, S., Matsui, M., Shibasaki, I. Molecular beam epitaxial growth of InAs/AlGaAsSb deep quantum wells on GaAs substrates 114756
Kuzel, R. *see* Krivka, I. 72970
Kuzhakhmetov, A.R. *see* Zhgoon, S.A. 62300
Kuzhelev, A.S. *see* Antipov, O.L. 76192
Kuzhelev, A.S. *see* Antipov, O.L. 96669
Kuzhelev, A.S. *see* Antipov, O.L. 116675
Kuzhelev, A.S. *see* Antipov, O.L. 116682
Kuzichev, V.N. *see* Baldin, A.M. 90061
Kuzikov, S.V. *see* Volkov, A.B. 114538
Kuzin, E.A., Sancher-Mondragon, J., Vyslouch, V.A., Andrade-Lucio, J.A., Rojas-Laguna, R. Regeneration of optical signals by fiber logic elements operating through stimulated Raman scattering 78794
Kuzin, E.A. *see* Fottadi, A.A. 116674
Kuzma, E. Gadolinium-lanthanum-neodymium-cobalt thermistor materials 62373
Kuzma, E. Thermistor sensors type CTR with elevated critical temperature 95090
Kuzma, M. *see* Gorbach, T.Ya. 92773
Kuzmanic, I., Krcum, M. A contribution to resolving problems of installing ship's cables onboard contemporary ships 73838
Kuzmanic, I. *see* Lazarevic, Z. 79040
Kuz'menko, A.G. *see* Konovalov, S.I. 111383
Kuzmenko, P.J. *see* Stevens, C.G. 70483
Kuzmenko, R. *see* Shaobai Mo 105136
Kuzmenko, Yu.A. *see* Ruzhentsev, N. 76602
Kuzmich, A.G. *see* Burbelo, R.M. 105101
Kuzmik, J. *see* Hascik, S. 115392
Kuzmin, A. *see* Calen, H. 120194
Kuzmin, A.A. *see* Evstratov, F.F. 68669
Kuzmin, A.N. *see* Batay, L.E. 76085
Kuzmin, G. Developing world class thermal solutions [for power electronics] 104346
Kuzmin, G.P. *see* Prokhorov, A.M. 70216
Kuzmin, L.S., Pashkin, Yu.A., Tavkhelidze, A.N., Ahlers, F.-J., Weimann, T., Quenter, D., Niemeyer, J. An all-chromium single electron transistor: a possible new element of single electronics 63815
Kuzmin, L.V. *see* Petrov, A.P. 67080
Kuz'min, N.A. *see* Aleev, A.N. 120186
Kuzmin, V.N. *see* Borodin, A.M. 65039
Kuz'min, V.N. *see* Golovin, A.S. 75805
Kuz'min, V.N. *see* Napartovich, A.P. 107070
Kuz'min, V.S., Fedoseev, V.I. Optoelectronic devices for the orientation and navigation of spacecraft: development experience, problems, and trends 111035
Kuz'min, V.S. *see* Panasenko, A.F. 111038
Kuzmina, M., Manykin, E., Surina, I. Oscillatory networks of associative memory 95654
Kuznetsov, A., Belyaev, V., Kovtonyuk, N. Twist- and supertwist antidazzling devices with local reduction of brightness 95860
Kuznetsov, A. *see* Calen, H. 120194
Kuznetsov, A.A., Kyun, V.V., Leont'ev, V.G., Novgorodov, M.Z., Ochkin, V.N., Shishkanov, E.F. CO_2 waveguide lasers with slab geometry 75784
Kuznetsov, A.B. *see* Belyaev, V.V. 106871
Kuznetsov, A.S., Shalfeev, V.D. On formation of structures in an array of coupled bistable active elements 73606
Kuznetsov, A.V. *see* Givargizov, E.I. 72905
Kuznetsov, A.V. *see* Givargizov, E.I. 73940
Kuznetsov, A.V. *see* Givargizov, E.I. 83702
Kuznetsov, A.V. *see* Givargizov, E.I. 92664
Kuznetsov, A.V. *see* Kozlov, V.A. 96224
Kuznetsov, E.A. *see* Berge, L. 107590
Kuznetsov, F.A. *see* Fainer, N.I. 113426
Kuznetsov, F.A. *see* Kaminskii, A.A. 96190
Kuznetsov, G. *see* Leblond, B. 62647
Kuznetsov, G.F. *see* Lal, K. 105435
Kuznetsov, G.L. *see* Agapov, N.N. 95597
Kuznetsov, I.F., Tsitsikyan, G.N. The more perfect definition of Butterworth's formula for calculation of losses in the two round conductors 102144
Kuznetsov, I.S. *see* Datskovskii, L.Kh. 103079
Kuznetsov, L.I. Recoil momentum at a solid surface and screening properties of pulsed erosion torch 107661
Kuznetsov, M.G. *see* Karasyov, V.Yu. 60589
Kuznetsov, M.I., Paramonov, V.V., Senichev, Yu.V., Enchevich, I.B., Poirier, R.L. The magnetron-type varactor for fast control in accelerator RF systems 100652
Kuznetsov, N. *see* Becker, T. 89791
Kuznetsov, N.D., Kuznetsov, V.N. Economic power distribution between the electric power plants of the electrical power system 101823
Kuznetsov, N.I. *see* Dmitriev, V.A. 115144
Kuznetsov, N.I. *see* Kalinina, E.V. 74474
Kuznetsov, N.V., Nymmik, R.A. Estimation of the LET threshold of single event upset of microelectronics in experiments with Cf-252 120617
Kuznetsov, N.V. *see* Adams, J.H., Jr. 120616
Kuznetsov, N.V. *see* Vendik, I.B. 75376
Kuznetsov, S. *see* Valentinov, A. 89926
Kuznetsov, S.P. *see* Bredikhin, V.I. 116659
Kuznetsov, S.V. *see* Andreev, N.E. 79849
Kuznetsov, V.A., Fedotov, A.I. Analysis of a synchronous machine with a harmonic excitation system by means of a discrete current method 71264
Kuznetsov, V.A., Haneman, D. High sensitivity to temperature and quantum effects in vanadium oxide diodes 74677
Kuznetsov, V.G. *see* Bikmatov, R.G. 96160
Kuznetsov, V.M. *see* Drozdova, S.V. 92742
Kuznetsov, V.M. *see* Zhmerik, V.N. 74537
Kuznetsov, V.N. *see* Kuznetsov, N.D. 101823
Kuznetsov, V.P. *see* Kornaukhov, A.V. 73700
Kuznetsov, V.P. *see* Kornaukhov, A.V. 73710
Kuznetsov, V.P. *see* Kornaukhov, A.V. 73714
Kuznetsov, V.S., Prokaznikov, A.V. Pore formation due to current instabilities 84111
Kuznetsov, V.S. *see* Tolstun, N.G. 89741
Kuznetsov, V.V. *see* Savchenko, A.K. 106082
Kuznetsov, V.V. *see* Vendik, I.B. 75375
Kuznetsov, Y.A. *see* Vasilevskaya, L.M. 100092
Kuznetsova, I.E. *see* Zaitsev, B.D. 84695
Kuznetsova, I.E. *see* Zaitsev, B.D. 89473
Kuznetsova, R.T., Kopylova, T.N., Degtyarenko, K.M., Sergeev, A.K., Nesterenko, S.N., Maier, G.V., Afanas'ev, N.B., Vereskun, V.N. Photoprocesses in laser-active media operating in the 400 nm range. I. Photophysical processes 116394
Kuznetsova, R.T., Kopylova, T.N., Degtyarenko, K.M., Sergeev, A.K., Nesterenko, S.N., Maier, G.V., Afanas'ev, N.B., Vereskun, V.N. Photoprocesses in laser-active media operating in the 400 nm range. II. Photochemical processes 116395
Kuznetsova, S.M. *see* Lipets, A.U. 102450
Kuznetsova, T.I. Superresolution in investigations of the time characteristics of short light pulses 76096
Kuznia, C. *see* Pinkston, T.M. 85176
Kuznia, J. *see* Mac Millan, M.F. 105434
Kuznia, J.N. *see* Asif Khan, M. 75936
Kuznichenko, A.V. *see* Zalyubovskii, I.I. 69797
Kuznicki, Z.T., Grob, J.J., Prevot, B. Implanted buried layers and interfaces: application in the new area of very- and ultra-high efficiency solar cells 94700
Kuznik, J. *see* Carr, C. 92996
Kuzucan, A. Adapting a standard connector to meet evolving application requirements 114395
Kuzuhara, M. *see* Fujihara, A. 63795
Kuzuhara, M. *see* Inoue, L. 93913
Kuzuhara, M. *see* Maruhashi, K. 83443
Kuzuhara, M. *see* Maruhashi, K. 83464
Kuzuhara, M. *see* Maruhashi, K. 93905
Kuzuhara, M. *see* Matsunaga, K. 83502
Kuzuhara, M. *see* Ohata, K. 73774
Kuzuoglu, M., Mittra, R. Mesh truncation by perfectly matched anisotropic absorbers in the finite-element method 76401
Kuzuoka, H., Kosuge, T., Tanaka, M. GestureCam: a video communication system for sympathetic remote collaboration 67874
Kuzuu, N. ArF-excimer-laser induced absorption in soot-remelted silicas 107450
Kuzuu, N. OH content dependence of ArF-excimer-laser-induced absorption in type-III fused silica 107452
Kuzyk, M. *see* Welker, D. 106279
Kuzyk, M.G. *see* Garvey, D.W. 85657
Kuzyk, M.G. *see* Garvey, D.W. 106804
Kuzyk, M.G. *see* Welker, D.J. 89119
Kuzyk, M.G. *see* Welker, D.J. 106901
Kvak, A.A. *see* Kailyuk, A.G. 107364
Kvam, P.H. *see* Martz, H.F. 81203
Kvamshagen, K.A. *see* Reitan, J.B. 90623
Kvamstrom, R.R. *see* Tanner, V.V. 71078
Kvande, B. *see* Maly, K.J. 118346
Kvande, B. *see* Maly, K.J. 118500
Kvarngren, M. *see* Mbwana, M.A. 102219
Kvarnstrom, R.R. *see* Rosenberg, R.J. 71080
Kvasha, A.I. *see* Esin, S.K. 89735
Kvasha, A.I. *see* Esin, S.K. 90100
Kvasnica, B., Fabo, P. Highly precise non-contact instrumentation for magnetic measurement of mechanical stress in low-carbon steel wires 61486
Kvasnica, P., Sandrik, P., Zlatovsky, J., Chudy, J., Mednansky, M. Some properties of surge arresters 102278
Kvasnicka, V. *see* Pospichal, J. 82419
Kvennas, O. *see* Holen, A.T. 102035
Kvenvold, T. *see* Tsai, M.C. 88700
Kvirikashvili, G.A. *see* Aleev, A.N. 120186
Kvit, A.V. *see* Karuzskii, A.L. 63009
Kvitek, R.J. *see* Tsuchiaki, M. 63354
Kvitek, R.J. *see* Tsuchiaki, M. 94776
Kvitkovic, J. *see* Majoros, M. 95413
Kviz, B. New time-delay methods for radio location 88763
Kvon, Z.D. *see* Budantsev, M.V. 62819
Kvon, Z.D. *see* Budantsev, M.V. 62896
Kvon, Z.D. *see* Budantsev, M.V. 105422
Kvon, Z.D. *see* Bykov, A.A. 105334
Kvyatkevich, I.I. *see* Gavrilov, O.T. 74675
Kwa-Sur Tam Assessment and enhancement of the utilization of electric power transmission lines 111619
Kwaaitaal-Spassova, T.G. *see* de Haan, G. 62037
Kwaaitaal-Spassova, T.G. *see* De Haan, G. 68861
Kwack Kae Dal *see* Kae Dal Kwack
Kwae Hi Lee *see* Chan Eung Park 97644
Kwae Jeong Youn *see* Youn Kwae Jeong
Kwahgn Eui Pyun *see* Beom-Hoan O 116563
Kwai Ding-Ming *see* Ding-Ming Kwai
Kwai-Man Luk *see* Tsien Ming Au 108064
Kwak, B.S. *see* Bates, J.B. 81689
Kwak, J., Kim, J., Kim, K. A field and frame-based motion estimator with a very flexible search range 86495
Kwak, J.S., Kim, H.N., Balk, H.K., Lee, J.-L., Shin, D.W., Park, C.G., Kim, H., Pyun, K.-E. Microstructural and electrical investigations of Pd/Ge/Ti/Au ohmic contact to n-type GaAs 114812
Kwak, Y.K. *see* Park, K.H. 82166
Kwak, Y.K. *see* Yi, J.H. 89469
Kwak Byung Man *see* Byung Man Kwak
Kwak Dong-Wha *see* Dong-Wha Kwak
Kwak Hee-Ro *see* Hee-Ro Kwak
Kwak Hoon-Sung *see* Hoon-Sung Kwak
Kwak In-Gu *see* In-Gu Kwak
Kwak Joon Seop *see* Joon Seop Kwak
Kwak Kyung Sup *see* Kyung Sup Kwak
Kwak Min Gi *see* Min Gi Kwak
Kwak Myung-Bo *see* Myung-Bo Kwak
Kwakman, L. *see* Barla, K. 60667
Kwan, B. *see* Bagrodia, R. 78020
Kwan, B. *see* Bambos, N. 98637
Kwan, B. *see* Kleinrock, L. 78920
Kwan, C. *see* Liu, K. 70795
Kwan, C.M., Lewis, F.L., Yeung, K.S. Adaptive control of induction motors without flux measurements 91523
Kwan, M., Coetzee, G. Matimba power station's transient stability problems solved 121266
Kwan, M.C., Gleason, K.K. Method for achieving high selectivity and resolution in selectively deposited diamond films 92847
Kwan, M.W. *see* Tse, C.K. 82933
Kwan, T., Adams, R., Libert, R. A stereo multi-bit ΣΔ D/A with asynchronous master-clock interface 73482
Kwan, T.T. *see* Terstriep, J.A. 109032
Kwan, W.S. *see* Raychaudhuri, A. 74725
Kwan Eo Soo *see* Soo Kwan Eo
Kwan Kim Seung *see* Seung Kwan Kim
Kwan Kim Young *see* Young Kwan Kim
Kwan Ngok Yan, Wong Hing Lam Performance analysis of integrated voice and data system with PRMA 118038
Kwan Pyo Hong, Joon Ki Paik, Hyo Ju Kim, Chul Ho Lee An edge-preserving image interpolation system for a digital camcorder 109943
Kwan Soo Chung *see* Hoi Hwan Chung 84240
Kwan Soo Lee Evolution of a futuristic rural network with mixed wireless and cable systems 109137
Kwan Un Chong *see* Chong Kwan Un
Kwan-Fai Cheung *see* Lau, S.S.-F. 78497
Kwan-Hee Yoo *see* Doh Sang-Yoon 109252
Kwan-Hee Yoo *see* Min Jang 109255
Kwan-Ho Song *see* Soamyung Park 87880
Kwan-Ok Kim *see* Sang-Sung Han 68311
Kwan-Shik Kim *see* Il-Jong Kim 74346
Kwang Bae Lee, Byung Roh Rhee, Hyunsook Lee, Kyung Haeng Lee, Seung Koo Cho, Jong Tak Kim Temperature dependence of current-voltage characteristics of ferroelectric $Pb(Zr,Ti)O_3$ thin film capacitors 64166
Kwang Eui Pyun *see* Chongdae Park 65191
Kwang Eui Pyun *see* Chongdae Park 116526
Kwang Eui Pyun *see* Jeong Soo Kim 103891
Kwang Eui Pyun *see* Joo-Heon Ahn 96421
Kwang Eui Pyun *see* Seung Goo Kang 119229
Kwang Ho Yang *see* Jeong Doo Kim 81100
Kwang Man Ok *see* Min-Goo Kim 75620
Kwang Ming Lin, CheeYee Kwok, Ruey Shing Huang An integrated thermo-capacitive type MOS flow sensor 69023
Kwang Myoung Rho, Yo Hwan Koh, Chan Kwang Park, Seong Min Hwang, Ha Poong Chung,

Myoung Jun Chung Dependence of deep submicron CMOSFET characteristics on shallow source/drain junction depth 95001
Kwang Park Chan *see* Chan Kwang Park
Kwang Ryang Park *see* Kyung Wan Yu 99432
Kwang Ryong Oh *see* Han-Soo Kim 85043
Kwang Ryong Oh *see* Joo-Heon Ahn 96421
Kwang Seok Hong *see* Kim, P. 97643
Kwang Soon Kim *see* Youngkwon Ryu 78408
Kwang Sub Yoon *see* Jai-Sop Hyun 93574
Kwang Wook Jung, Che Young Kim Current and radiation pattern calculation for the antenna on arbitrarily shaped conducting body 76607
Kwang Yong Kang *see* Seok Kil Han 84874
Kwang-Bae Kim *see* Eung-Seok Kim 81932
Kwang-Bang Woo *see* Taek-Beom Koh 74565
Kwang-Cheng Chen, Dsun-Chie Twu On the multi-user information theory for wireless networks with interference 99206
Kwang-Cheng Chen, Ya-Ku Sun A general multi-layer collision resolution multiple access protocol for wireless networks 108855
Kwang-Cheng Chen *see* Hsiu-Fen Chou 78525
Kwang-Cheng Chen *see* Hsiu-Fen Chou 87477
Kwang-Cheng Chen *see* Jiang-Whai Dai 108856
Kwang-Cheng Chen *see* Kai-Chuang Huang 87855
Kwang-Cheng Chen *see* Po-An Sung 68062
Kwang-Cheng Chen *see* Po-An Sung 118787
Kwang-Cheng Chen *see* Tsai-Pao Lee 66268
Kwang-Cheol Ko *see* Kee-Chang Lee 107131
Kwang-Eui Pyun *see* Gwan-Chong Joo 119216
Kwang-Eui Pyun *see* Hyung-Sup Yoon 63770
Kwang-Eui Pyun *see* Wu Lu 95065
Kwang-Hae Oh *see* Kil-Yeong Song 101775
Kwang-Ho Ahn *see* Jeong-Soo Lee 105851
Kwang-Ho Kim, Je-Deok Kim, Byoung-Gon Yu Properties of metal-ferroelectric thin film-silicon (MFS) structure using $BaMgF_4$ 105493
Kwang-Ho Kim, Kyung-Soo Suh Fluoridation of GaAs surface in a remote SF_6 plasma 105603
Kwang-Ho Kim *see* Byoung-Gon Yu 82724
Kwang-Ho Kim *see* Yong-Cheol Kang 102784
Kwang-Ho Lee, Young-Moon Park An expert system for switching operations for blackout restoration–line, bus-bar and feeder switching 70686
Kwang-Ho Lee, Young-Moon Park An expert system of network reconfiguration for power system restoration by switching operation 101873
Kwang-Ho Yang *see* Jeong-Boo Kim 81106
Kwang-Lung Lin, Chun-Jen Chen Soldering of Ni-Cu-P deposits with In-Sn solders 82191
Kwang-Lung Lin, Shiuh-Yuan Chang The morphologies and compositions of electroplated solder bumps on a silicon wafer 115301
Kwang-Ming Lin, Chee-Yee Kwok, Ruey-Shing Huang A modified MOS IC process suitable for bulk micromachining 74854
Kwang-Myoung Rho *see* Jung-Won Suh 73385
Kwang-Myoung Son, Hak-Guhn Han, Song-Keun Lee, Jong-Keun Park, Byung-Ha Lee Analysis and control of thyristor controlled series compensator for power system oscillation damping 101777
Kwang-Ryel Lee *see* Hee-Doo Kwon 84745
Kwang-Seob Kim, Bum-Seok Suh, Dong-Seok Hyun A study on the computation of currents in the three-level PWM inverter 81554
Kwang-Seok Lee *see* Hee-Seok Koh 76857
Kwang-Soo Kim Enabling customizable World-Wide Web access to X.500 directory 118348
Kwang-Sun Kang *see* Sisk, W.N. 64601
Kwang-Sup Kim, Jon-Ha Lee, Dong-Myung Kim, Sung-Man Lee, Ki-Young Lee, Jai-Young Lee A study on the self-discharge characteristics of sealed Ni-MH batteries with anode using Zr-based Laves phase alloys 121853
Kwang-Sup Lee *see* Hong-Ku Shim 76156
Kwang-Sup Lee *see* Yoo Hong Min 84938
Kwang-Ting Cheng, Lin, F.Y.-S. Minimax end-to-end delay routing and capacity assignment for virtual circuit networks 87487
Kwang-Ting Cheng *see* Chen-Yang Pan 106146
Kwang-Ting Cheng *see* Chih-Chang Lin 83073
Kwang-Ting Cheng *see* Chih-Chang Lin 113861
Kwang-Ting Cheng *see* David Ihsin Cheng 83100
Kwang-Ting Cheng *see* Krstic, A. 73238
Kwang-Ting Cheng *see* Shi-Yu Huang 82849
Kwang-Ting Cheng *see* Shi-Yu Huang 83071
Kwang-Ting Cheng *see* Shi-Yu Huang 93302
Kwang-Woo Lee *see* Hyeng-Hwan Chong 101776
Kwang-Yell Seo *see* Sang-Bae Yi 83108
Kwang-Yong Kang *see* Ahn, D. 93726
Kwang-Yong Kang *see* Jeha Kim 83345
Kwangho Lee, Kwangyoen Wohn Robust estimation of optical flow based on the maximum likelihood estimators 108719
Kwangho Yoon *see* Changsik Yoo 61990
Kwangjo Kim *see* Sangjoon Park 66429
Kwangjoon Kim *see* Young-Wan Choi 85208
Kwangryul Choi *see* Hernsoo Hahn 87260
Kwangsik Kim, Mooho Cho, Youngnam Han, Kyoungrok Cho, Kichul Han Analysis of power up and down registration in CMS (CDMA mobile systems) 68223
Kwangsoo No, Chaun Gi Choi, Dae Sung Yoon, Tae-Hyun Sung, Yong Chun Kim, In Seop Jeong, Won Jong Lee Pyroelectric properties of sol-gel derived lanthanum modified lead titanate thin films 75036
Kwangsoo No *see* Jae-Whan Kim 72939
Kwangsoo No *see* Zhong-Tao Jiang 115101
Kwangyoen Wohn *see* Kwangho Lee 108719
Kwant, K.W. *see* Bestebroer, V.S.I. 121278
Kwapisz, M. *see* Jankowski, T. 72735
Kwark, B.S., Park, M.S. A 10 Gbit/s PIN-HBT MMIC receiver front-end 119230
Kwark, Y.H. *see* Burghartz, J.N. 83514
Kwark, Y.H. *see* Choi, J. 88572
Kwasnicka, H. *see* Kwasnicki, W. 81196
Kwasnicki, W., Kwasnicka, H. Long-term diffusion factors of technological development: an evolutionary model and case study 81196
Kwasniewski, T. *see* Soto, C.P. 84516
Kwasniewski, T.A. *see* Djadi, Y. 93473
Kwasniewski, T.A. *see* Noel, D.P. 94110
Kwasnik, G., Phillips, A.J. Automation of a current impulse generator 99853
Kwaspen, M. *see* van de Roer, T. 84500
Kwatra, S.C. *see* Kim, J. 68346
Kweh, T.H., Eryurthu, F., Kondoz, A.M. Rate control algorithm for block-based variable rate video encoders 87179
Kwei, G.H. *see* Schirber, J.E. 75320
Kwei-Jay Lin A synchronous scheduling model for distributed multimedia systems 109251
Kwentus, A. *see* Kei-Yong Khoo 73553
Kweon, S.Y. *see* Choi, S.K. 105660
Kweon Dong-Jin *see* Dong-Jin Kweon
Kweon Gyeong-Il *see* Gyeong-Il Kweon
Kweon Seok-Kyu *see* Seok-Kyu Kweon
Kwiat, P.G. *see* Mattle, K. 76680
Kwiat, P.G. *see* Weinfurter, H. 117115
Kwiatek, W.M. *see* Rokita, E. 100380
Kwiatkowska, A., Milosz, M., Sikora, J. Material derivative concept for optimal shape design: one dimension case 76351
Kwiatkowski, J.M., Kostinski, A.B., Jameson, A.R. The use of optimal polarizations for studying the microphysics of precipitation: nonattenuating wavelengths 90772
Kwiatkowski, M. Performance modelling of UPT networks 67663
Kwiatkowski, S. *see* Dwilinski, R. 92943
Kwiatkowski, S. *see* Rose, J. 100506
Kwiatkowski, S. *see* Rose, J. 100673
Kwiesielewicz, M. The logarithmic least squares and the generalized pseudoinverse in estimating ratios 103723
Kwint, J.P.M. *see* Shannon, J.M. 89258
Kwirandt, R. *see* Handke, J. 116318
Kwnag-Myoung Son *see* Hak-Guhn Han 101916
Kwo, J. *see* Hong, M. 84029
Kwo, J.R. *see* Passlack, M. 74485
Kwo Wei Chang *see* Huei Wang 114320
Kwok, A. *see* Bourlas, Y. 78148
Kwok, H.H.L. *see* Chen, L. 73607
Kwok, H.L. *see* Chen, L. 93648
Kwok, H.S. Parameter space representation of liquid crystal display operating modes 116136
Kwok, H.S. *see* Sun, X.W. 61370
Kwok, H.S. *see* Xiao, R.F. 113491
Kwok, J. Multimedia telematics for telemedicine 87914
Kwok, K.F., Liu, P.C.K., Li, K.C. Channel borrowing techniques with reservation pool for LEO satellite land mobile communication systems 88182
Kwok, K.W. *see* Chan, H.L.W. 115430
Kwok, N.M. *see* Lee, C.K. 71332
Kwok, P., Chen, P., Cline, D., Barletta, W., Berridge, S., Bugg, W., Bula, C., Chattopadhyay, S., Craddock, W., Hsu, I., Iverson, R., Katsouleas, T., Lai, P., Leemans, W., Liou, R., McDonald, K.T., Meyerhofer, D.D., Nakajima, K., Nakanishi, H., Ng, C.K., Nishida, Y., Norem, J., Ogata, A., Rosenzweig, J., Ross, M., Sessler, A., Shintake, T., Spencer, J., Su, J.J., Weidemann, A.W., Westenskow, G., Whittum, D., Williams, R., Wurtele, J. Progress on plasma lens experiments at the Final Focus Test Beam 89918
Kwok, P.S.C. *see* Lim, T.K. 86654
Kwok, R. *see* Nghiem, S.V. 120857
Kwok, R. *see* Yueh, S.H. 111293
Kwok, R.S. *see* Fiedziuszko, S.J. 93776
Kwok, R.W.M. *see* So, B.K.L. 84129
Kwok, R.W.M. *see* Yan, H. 61302
Kwok, R.W.M. *see* Yan, H. 84075
Kwok, S.H., Jahn, U., Kostial, H., Menniger, J., Grahn, H.T., Ploog, K. Cathodoluminescence imaging of electric-field domains in semiconductor superlattices 63035
Kwok, S.K.W., Poon, J.C.H. Viewpoint-invariant Fourier descriptors for 3D planar shape representation 108562
Kwok, T. A vision for residential broadband services: ATM-to-the-home 118669
Kwok, W.M. *see* Yeung, T.S. 94111
Kwok Chee Yee *see* Chee Yee Kwok
Kwok Chee-Yee *see* Chee-Yee Kwok
Kwok CheeYee *see* CheeYee Kwok
Kwok Leung Lam *see* Heang-Ping Chan 110727
Kwok Ming-Shan *see* Ming-Shan Kwok
Kwok Tham Yiu *see* Yiu Kwok Tham
Kwok Yu-Kwong *see* Yu-Kwong Kwok
Kwok-Chiang Ho *see* Kah-Chye Tan 66717
Kwok-Sum Chan *see* Li, E.H. 94502
Kwok-Tung Lo *see* Jian Feng 86715
Kwok-Tung Lo *see* Shing-Mo Cheng 77287
Kwok-Wa Leung *see* Nan-Cheng Chen 76561
Kwok-Wai Cheung, Dit-Yan Yeung, Chin, R.T. Competitive mixture of deformable models for pattern classification 86431
Kwok-Wai Cheung, Dit-Yan Yeung, Chin, R.T. A unified framework for handwritten character recognition using deformable models 86684
Kwok-Wai Cheung *see* Chun-Kit Chan 78738
Kwok-Wai Cheung *see* Chun-Kit Chan 78951
Kwok-Wai Cheung *see* Jian-Guo Zhang 78954
Kwok-Wai Cheung *see* Yong-Hong Wang 118450
Kwok-Yan Lam, San Ling, Hui, L.C.-K. Efficient generation of elliptic curve cryptosystems 108161
Kwok-Yan Lam *see* Lau, R.W.H. 78015
Kwolek, K.M. *see* Jones, R. 107627
Kwon, B., Kim, B., Yoon, H. Self-firing cell scheduler for input queueing ATM switches 98440
Kwon, B.-H., Min, B.-D., Kim, J.-H. Novel topologies of AC choppers 102844
Kwon, B.I. *see* Im, D.H. 102707
Kwon, C. *see* Rajeswari, M. 75128
Kwon, C.Y. *see* Cho, H.K. 117614
Kwon, D. Handover request rejection schemes in overloaded mobile systems 68276
Kwon, H. *see* Kyoungwan Park 105294
Kwon, H.M., Huan Yue, Weiguang Hou, In-Ha Hyun Improved zero-crossing demodulator for minimum shift keying under static environments 78360
Kwon, H.M., Lee, E.K.B., In-Ha Hyun Improved zero-IF zero-crossing demodulator for Gaussian minimum shift keying signals in land mobile channels 108342
Kwon, H.M. *see* Lee, E.K.B. 78504
Kwon, K.H., Park, H.R., Kim, D.G., Park, K.S., Jin, J.H., Choi, K.H. A novel ESD protection technique for submicron CMOS technologies 63931
Kwon, K.H. *see* Han, S.S. 60970
Kwon, K.H. *see* Park, K.T. 83118
Kwon, M., Yu, I.H., Park, H.J., Han, D.H., Yoon, M., Kim, Y.S. PLS RF system operation during the commissioning 100689
Kwon, M. *see* Dae-Hyun Han 69662
Kwon, M. *see* Dae-Hyun Han 89471
Kwon, M. *see* Yoon, M. 79864
Kwon, O. *see* Xiaoyun Sun 73897
Kwon, O.-K. *see* Jeong, H.-H. 113756
Kwon, O.K., Kim, K., Choi, Y.W., Lee, E.-H. All-optical bistable device in multiquantum wells p-i-n diode structure 64803
Kwon, O.K., Kim, K., Hyun, K.S., Baek, J.H., Lee, B., Lee, E.H. Large non-biased all-optical bistability in an electroabsorption modulator using p-i-n-i-p diode and asymmetric Fabry-Perot cavity structure 75570
Kwon, O.W., Un, C.K. Discriminative weighting of HMM state-likelihoods using the GPD method 108199
Kwon, O.W. *see* Park, Y.K. 108231
Kwon, S.-H. *see* Kim, K. 83162
Kwon, S.-H. *see* Lee, S. 87158
Kwon, S.B. *see* Ahn, S.H. 85122
Kwon, S.H., Ick Choy, Kim, K.H., Mok, H.S. A new direct digital PWM technique for microprocessor-based PWM inverters 121669
Kwon, S.H. *see* Choy, I. 112438
Kwon, S.J. *see* Byun, S.J. 114715
Kwon, S.J. *see* Chung, H.R. 114514
Kwon, S.L. *see* Jou, P.Y. 108110
Kwon, T.H. *see* Ryu, J.Y. 119756
Kwon, T.Y. *see* Ju, J.J. 107164
Kwon, Y. *see* Abe, K. 69708
Kwon, Y. *see* Abe, K. 69726
Kwon, Y. *see* Sovero, E.A. 93875
Kwon, Y.-M. *see* Kim, J.-H. 98958
Kwon, Y.D., Reddy, C.P. Determination of emitter and collector series resistance by offset-voltage method 115172
Kwon, Y.I. A Bayesian life test sampling plan for products with Weibull lifetime distribution sold under warranty 92167
Kwon, Y.S. *see* Dowling, D.T. 100713
Kwon Bo Seob *see* Bo Seob Kwon
Kwon Byung-Sup *see* Byung-Sup Kwon
Kwon Chul Han *see* Chul Han Kwon
Kwon Chul Park *see* Moung Ho Lee 88032
Kwon Do-Hoon *see* Do-Hoon Kwon
Kwon Dohun *see* Dohun Kwon
Kwon DongSeung *see* DongSeung Kwon
Kwon Hae-Woong *see* Hae-Woong Kwon
Kwon Haesung *see* Haesung Kwon
Kwon Hawsung *see* Hawsung Kwon
Kwon Hee-Doo *see* Hee-Doo Kwon
Kwon Ho-Yup *see* Ho-Yup Kwon
Kwon Hoyup *see* Hoyup Kwon
Kwon Hwangbo Chang *see* Chang Kwon Hwangbo
Kwon Hyuk Chan *see* Hyuk Chan Kwon
Kwon Hyuk-Joo *see* Hyuk-Joo Kwon
Kwon Hyung Uk *see* Hyung Uk Kwon
Kwon Jeong-Rock *see* Jeong-Rock Kwon
Kwon Jin-Hyuk *see* Jin-Hyuk Kwon
Kwon Ju Byeong *see* Byeong Kwon Ju
Kwon Jung-Lock *see* Jung-Lock Kwon
Kwon Kee-Won *see* Kee-Won Kwon
Kwon Kee-Young *see* Kee-Young Kwon
Kwon Ki-Ryong *see* Ki-Ryong Kwon
Kwon Namic *see* Namic Kwon
Kwon O-Kyun *see* O-Kyun Kwon
Kwon Oh Shin *see* Oh Shin Kwon
Kwon Oh-Sung *see* Oh-Sung Kwon
Kwon Oh-Yang *see* Oh-Yang Kwon
Kwon Sang Jik *see* Sang Jik Kwon
Kwon Song Byung *see* Byung Kwon Song

Kwon Song Hee *see* Hee Kwon Song
Kwon Soon Hong *see* Soon Hong Kwon
Kwon Soon Yil *see* Soon Yil Kwon
Kwon Soon-Hong *see* Soon-Hong Kwon
Kwon Sung Hoon *see* Sung Hoon Kwon
Kwon Sung-Won *see* Sung-Won Kwon
Kwon Sunghoon *see* Sunghoon Kwon
Kwon Tae-Won *see* Tae-Won Kwon
Kwon Taekyoung *see* Taekyoung Kwon
Kwon Wook Hyun *see* Wook Hyun Kwon
Kwon Yeon Lee *see* Deug Ju Lee 106874
Kwon Young *see* Young Kwon
Kwon Young-Bin *see* Young-Bin Kwon
Kwon Young-Se *see* Young-Se Kwon
Kwon Young-Soo *see* Young-Soo Kwon
Kwon Youngmi *see* Youngmi Kwon
Kwon Youngse *see* Youngse Kwon
Kwon Youngwoo *see* Youngwoo Kwon
Kwon-Ho Kim *see* Eung-Seok Kim 81932
Kwon-Young Choi, Min-Koo Han Two-step annealed polycrystalline silicon thin-film transistors 94994
Kwon-Young Choi, Min-Koo Han, Yong-Sang Kim Analysis of electrical properties of two-step annealed polycrystalline silicon thin film transistors 95043
Kwong, D.-L. *see* Wang, C.-L. 94777
Kwong, D.L. *see* Bhat, M. 63720
Kwong, D.L. *see* Han, L.K. 63721
Kwong, D.L. *see* Han, L.K. 63722
Kwong, D.L. *see* Han, L.K. 84572
Kwong, D.L. *see* Joshi, A.B. 95028
Kwong, D.L. *see* Wristers, D. 94630
Kwong, D.L. *see* Yan, J. 61371
Kwong, M.K. *see* Hudson, R. 98284
Kwong, N., Schrans, T., Chen, P.C., Chen, T.R., Bar-Chaim, N. Progress in control of carrier dynamics for high-speed digital applications 109605
Kwong, S., Chau, C.W., Halang, W.A. Genetic algorithm for optimizing the nonlinear time alignment of automatic speech recognition systems 108218
Kwong, S., He, Q.H., Man, K.F. Training approach for hidden Markov models 97650
Kwong, S. *see* Man, K.F. 103395
Kwong, W.C., Guu-Chang Yang, Jian-Guo Zhang 2^n prime-sequence codes and coding architecture for optical code-division multiple-access 109679
Kwong, W.C., Yang, G.-C. Unequal channel spacing for reducing four-wave mixing crosstalk in WDM lightwave systems 99527
Kwong, W.C. *see* Jian-Guo Zhang 78954
Kwong, W.C. *see* Yang, G.-C. 99535
Kwong Li Chi *see* Chi Kwong Li
Kwong Man Kam *see* Man Kam Kwong
Kwong Ming *see* Ming Kwong
Kwong-Man Lee *see* Jung-Hyung Kim 113493
Kwonhue Choi *see* Hyoungsoo Lim 109906
Kwor, R. *see* Aizhen Li 84024
Kwun Kim Sung *see* Sung Kwun Kim
Kwun Sook-Il *see* Sook-Il Kwun
Kwung-Yee Tsai *see* Sau-Gee Chen 62042
Kwyro Lee *see* Bai-Sun Kong 73306
Kwyro Lee *see* Bai-Sun Kong 104437
Kwyro Lee *see* Beom Kyu Ko 93871
Kwyro Lee *see* Changyeol Lee 74962
Kwyro Lee *see* Jong-Hee Han 73746
Kwyro Lee *see* Kyu-Hyoun Kim 73586
Kwyro Lee *see* Seog-Weon Kang 105947
Ky, N.H. *see* Fox, G.R. 85151
Ky Nguyen Hong *see* Nguyen Hong Ky
Ky Phuc Tcan *see* Tcan Ky Phuc
Ky-Am Lee *see* Kook-Sang Park 69142
Kyatanavar, D.N., Sood, R.P., Rao, Y.S. PC based ECG analyzer 90505
Kyatanvar, D.N., Tiwari, A.N. LSI based PWM control of AC three-phase induction motor 121481
Kyburz, R., Vogt, W., Krahenbuhl, R., Bachmann, M., Brenner, T., Melchior, H. Polarization-insensitive high-speed InP/InGaAsP access node space switch matrix for bidirectional optical ATM networks 109314
Kycia, K. *see* Nowicki, A. 110800
Kye Moon-Ho *see* Moon-Ho Kye
Kye Moon-Hoo *see* Moon-Hoo Kye
Kye-Hyun Kyung *see* Jei-Hwan Yoo 73371
Kyeong Bong Ha *see* Chang Bum Lee 77635
Kyeong Joo Eon *see* Eon Kyeong Joo
Kyeong Koo Chi, Hwa Sook Shin, Won Jong Yoo, Chan Ouk Jung, Young Bum Koh, Moon Yong Lee Effects of conductivity of polysilicon on profile distortion 74552
Kyeong Mun Geon *see* Mun Geon Kyeong
Kyeong S. Kim *see* Soon T. Hwang 61348
Kyeong Taek Jung *see* Yong Gun Shul 85653
Kyeong-Dal Choi *see* Yun-Sang Oh 75371
Kyeong-Hoon Do, Yong-Suk Kim, Yeong-Ho Ha Relaxational stereo matching using adaptive support between disparities 86342
Kyeong-Hoon Jung, Choong Woong Lee Image compression using projection vector quantization with quadtree decomposition 77388
Kyeong-Hwa Kim *see* Gun-Woo Moon 81545
Kyeong-Ik Min *see* Chang-Min Park 115605
Kyeong-Jin Lee *see* Gwan-Soo Park 95379
Kyeong-Man Kim, Eung-Joo Lee, yang-Woo park, Chae-Soo Lee, Yeong-Ho Ha Color image quantization using color activity weighted distortion measure of human vision 98235
Kyeong-Man Kim *see* Chae-Soo Lee 86620
Kyeong-Sik Min *see* Seog-Weon Kang 105947
Kyeongbeom Kim *see* Jungchan Na 98579
Kylander, G. Thermal modelling of small cage induction motors 91534
Kylanpaa, M., Pihlajamaa, O., Bergenwall, M. Nomadic Access to Information Services by a GSM phone 78563
Kyllesbech Larsen, K., Privitera, V., Coffa, S., Priolo, F., Spinella, C., Saggio, M., Campisano, S.U. The damage recovery and electrical activation of shallow boron implants in silicon: The effects of high energy implants 94659
Kyllesbech Larsen, K. *see* Roca, E. 69141
Kylmanen, R. *see* Kiiveri, P. 100376
Kylner, A., Lindgren, J., Stolt, L. Impurities in chemical bath deposited CdS films for Cu(In,Ga)Se$_2$ solar cells and their stability 113399
Kyn Lee Jong *see* Jong Kyn Lee
Kyo, K. *see* Okazaki, Y. 120522
Kyo Ho Moon, Jae-Gon Lee, Sie-Young Choi Fabrication of μc-Si:H TFTs by PECVD 105970
Kyo Jung Hyun *see* Hyun Kyo Jung
Kyo Oh Euy *see* Euy Kyo Oh
Kyo Park Sung *see* Sung Kyo Park
Kyo Seob Cho *see* Tae Gyu Kim 67867
Kyoeng-Hoon Do *see* Kun-Woen Song 67378
Kyogaku, M. *see* Yano, K. 62656
Kyogoku, A. *see* Ishikawa, M. 71719
Kyohong Jin, Jungtae Lee, Hong-shik Park A recovery method using delayed frame and its performance evaluation 78114
Kyomasu, M. *see* Warashina, Y. 60637
Kyomoto, S. *see* Doi, A. 80863
Kyong Hon Kim, Hak Kyu Lee, Min-Yong Jeon, Seo Yeon Park, El-Hang Lee Passively and actively mode-locked fiber laser 65103
Kyong Hon Kim, Min-Yong Jeon, Seo Yeon Park, Hak Kyu Lee, El-Hang Lee Gain dependent optimum pulse generation rates of a hybrid-type actively and passively mode-locked fiber laser 65079
Kyong Hon Kim *see* Hak Kyu Lee 88568
Kyong-Hon Kim *see* Min-Yong Jeon 65073
Kyong-Hon Kim *see* Min-Yong Leon 65101
Kyonghun Lee, Gadh, R. Computer aided design for disassembly: a destructive approach 72231
Kyono, C.S. *see* Valsaraj, N. 63610
Kyono, M. *see* Egawa, T. 112158
Kyoo Hong Park *see* Won Kyu Kim 82513
Kyoo Jhee Yoon *see* Yoon Kyoo Jhee
Kyotani, T. *see* Mochizuki, K. 61170
Kyotani, Y. Today's research development on the application of the superconductivity transport system in Japan 122023
Kyotani, Y. *see* Sasakawa, Y. 122024
Kyoung Hee Lee *see* Won Kyu Kim 82513
Kyoung Kim Han *see* Han Kyoung Kim
Kyoung Min Kim *see* Joong Jo Park 98242
Kyoung Wan Park, Seongjae Lee, Mincheol Shin, El-Hang Lee, Hyuk Chan Kwon Electron interference due to localization paths in an Aharonov-Bohm ring 94536
Kyoung Won Kim, Seong Jun Kang, Yung Sup Yoon, Dong Il Kim A study of the preparation and the properties of PLT thin films for pyroelectric infrared sensors 110170
Kyoung Won Lim *see* Hyun Duk Cho 77511
Kyoung-Bae Eum, Joon-Cheol Kim, Joonwhoan Lee A study on object recognition using morphological shape decomposition 98279
Kyoung-Hwan Ju, Ha-Jong Sung, Dae Hee Youn Adaptive phase monopulse for simultaneous interference cancellation in sum and difference beams 86214
Kyoung-Ik Cho *see* Sang-Gi Kim 61253
Kyoung-Jin Min, Sang-Bong Yoo, Dong-Seok Hyun Design considerations for LCL type series resonant converter with phase shift control 102845
Kyoung-Joon Lee *see* Young-Il Kim 99259
Kyoung-Soo Kim *see* Yoo Hong Min 84938
Kyoung-Su Oh *see* Byeong-Seok Shin 86692
Kyoung-Sun Min *see* Jeom-Soo Lew 88727
Kyoung-Whoan Suh, Chang-Yong Park, Dae-Young Lee, Won-Hoo Kim Implementation of a single multi-task chip: ATDE, XPIC, and DF applicable to multi-level QAM digital radio system 78364
Kyounghoon Yang, Gutierrez-Aitken, A.L., Xiangkun Zhang, Haddad, G.I., Bhattacharya, P. Design, modeling, and characterization of monolithically integrated InP-based (1.55 μm) high-speed (24 Gb/s) p-i-n/HBT front-end photoreceivers 96060
Kyoungrok Cho *see* Kwangsik Kim 68223
Kyoungwan Park, Seongjae Lee, Mincheol Shin, El-Hang Lee, Kwon, H. New h/e oscillations and electrostatic Aharonov-Bohm effect in a GaAs/AlGaAs-based mesoscopic ring 105294
Kyoungwan Park *see* El-Hang Lee 106101
Kyriacou, G.A., Sahalos, J.N. Analysis of a probe-fed short-circuited microstrip antenna 97294
Kyriacou, K. *see* Schnorrenberg, F. 120356
Kyriakopoulos, N. *see* Ystesund, K. 110032
Kyriakopoulou, D.J., Kalitventzeff, B. Validation of measurement data using an interior point SQP 71145
Kyriazis, G.C. Wavelet coefficients measuring smoothness in $H_p(R^d)$ 66744
Kyriou, J.C., Fitzgerald, M., Pettett, A., Cook, J.V., Pablot, S.M. A comparison of doses and techniques between specialist and non-specialist centres in the diagnostic X-ray imaging of children 80522
Kyrki-Rajamaki, R. Three-dimensional reactor dynamics code for VVER type nuclear reactors 102395
Kyser, R.H. *see* Choi, J.J. 62615
Kytin, V.G. *see* Brandt, N.B. 63008
Kytin, V.G. *see* Kul'bachinskii, V.A. 62725
Kyu Bok Lee, Zong Hoon Lee, Kyung Bae Kim, Hyeung Gyu Lee Development of duplexer filters using high dielectric constant ceramic resonators 83197
Kyu Chan Lee *see* Jei-Hwan Yoo 73371
Kyu Choe Jin *see* Jin Kyu Choe
Kyu Choi Chi *see* Chi Kyu Choi
Kyu Chung Hong *see* Hong Kyu Chung
Kyu Kim Bong *see* Bong Kyu Kim
Kyu Kim Eun *see* Eun Kyu Kim
Kyu Kim Hwan *see* Hwan Kyu Kim
Kyu Kim Won *see* Won Kyu Kim
Kyu Ko Beom *see* Beom Kyu Ko
Kyu Lee Hak *see* Hak Kyu Lee
Kyu Lee Hong *see* Hong Kyu Lee
Kyu Noh Sam *see* Sam Kyu Noh
Kyu Park Han *see* Han Kyu Park
Kyu Park Sand *see* Sand Kyu Park
Kyu Park Seon *see* Seon Kyu Park
Kyu Shin Hong *see* Hong Kyu Shin
Kyu Sik Chung *see* Woo Hyung Lee 108669
Kyu Song Min *see* Min Kyu Song
Kyu Tae Park *see* Hyun Meen Jung 118690
Kyu Tae Park *see* Seong Won Ryu 109935
Kyu Woong Hwang *see* Young Mok Ahn 97622
Kyu-Ho Hwang, Seung-Ki Joo Fabrication and characterisation of a rechargeable thin-film Li-LiMn$_2$O$_4$ microbattery 112223
Kyu-Hwan Chang *see* Jong-il Kim 88874
Kyu-Hyoun Kim, Kwyro Lee A true nonvolatile analog memory cell using coupling-charge balancing 73586
Kyu-Ik Sohng *see* Jong-Kook Jang 98237
Kyu-Ouk Lee, Jin-Tae Kim, Young-Si Kim Software reliability prediction of a time division switching system 118714
Kyu-Phil Lee *see* Jei-Hwan Yoo 73371
Kyu-Tae Kim, Se Il Park, Yong Myung Cho, Sung-Won Kwon A simple 10:1 divider for precision measurement of 10 V by an 1 V standard 109976
Kyu-Woong Hwang *see* Yonngjik Lee 66584
Kyuchull Kim, Saluja, K.K. HySim: hybrid fault simulation for synchronous sequential circuits 93270
Kyuchung Lee *see* Hyung-Ki Hong 119778
Kyuh-Wan Guak *see* Taek-Beom Koh 74565
Kyuma, K. *see* Freeman, W.T. 117885
Kyuma, K. *see* Funatsu, E. 87247
Kyuma, K. *see* Goudail, F. 117827
Kyuma, K. *see* Hara, K. 64995
Kyuma, K. *see* Kondo, Y. 73593
Kyuma, K. *see* Nitta, Y. 73370
Kyuman Cho *see* Min Gyu Kim 107160
Kyun, V.V. *see* Kuznetsov, A.A. 75784
Kyun Choi Jun *see* Jun Kyun Choi
Kyun Hyon Tchah *see* Soon Ik Jeon 93802
Kyun Im Tae *see* Tae Kyun Im
Kyun Kim Byun *see* Byun Kyun Kim
Kyun Kim Byung *see* Byung Kyun Kim
Kyun Oh Ok *see* Ok Kyun Oh
Kyun Park Jin *see* Jin Kyun Park
Kyung, J.H., Lawandy, N.M. Direct observation of the effective χ^2 grating in bulk glasses encoded for second-harmonic generation 65478
Kyung, J.H., Lawandy, N.M. Photoimpulsive dispersive relaxation of the effective $\chi^{(2)}$ in binary lead-silicate glasses 65496
Kyung, S.Y. *see* Diamantaras, K.I. 104595
Kyung Bae Kim *see* Kyu Bok Lee 83197
Kyung Chan Kim, Ick Jae Eom, Ho Sung Suh Distance measurement using the intermode beat frequency of a three-longitudinal-mode stabilized He-Ne laser 110371
Kyung Chang Soo *see* Soo Kyung Chang
Kyung Cheol Choi, Nagyoung Chang Modeling of a field emission display using the adaptive scheme method 89326
Kyung Cheol Choi *see* Buhm Jae Shin 89328
Kyung Cho Ok *see* Ok Kyung Cho
Kyung Choi, Salon, S.J., Conner, K.A., Jung, H.K., Hahn, S.Y. A second-order accurate method to a time domain analysis of wave propagation in an irregular mesh 65956
Kyung Choi *see* Hyang-Beom Lee 92646
Kyung Choi *see* Hyoung Joong Kim 61123
Kyung Choi *see* Hyoung Joong Kim 112609
Kyung Chong Min *see* Chong Min Kyung
Kyung Chung Tae *see* Tae Kyung Chung
Kyung Dong Jang *see* Min Gi Kwak 85292
Kyung Dong Jang *see* Nyung Kun Kim 85288
Kyung Dong Jang *see* Youn Soo Park 85290
Kyung Eon Lee, Wook Hyoung Lee, Sung-Chul Shin, Choochon Lee Microcrystalline silicon films deposited by electron cyclotron resonance plasma chemical vapor deposition using helium gas 113375
Kyung Ha Lee, Jae Ho Yoo, Byeong Yeon Moon, Jae Hoon Jung, Jin Jang, Pietruszko, S.M., Min Koo Han, Hyuk Ryeol Park Low temperature

fabrication of APCVD a-Si thin film transistors with ion doped layer 92904
Kyung Ha Lee, Young Min Jhon, Hyuk Jin Cha, Jin Jang Low temperature polycrystalline silicon thin film transistor with silicon nitride ion stopper 63744
Kyung Ha Lee *see* Jae Ho Yoo 104120
Kyung Haeng Lee *see* Kwang Bae Lee 64166
Kyung Hee Lee *see* Doohyun Kim 109174
Kyung Ho Cho, Sung Tack Ko, Han Seok Ko A prospect of new method for EICT image reconstruction–a hybrid approach using genetic algorithm and Newton-Raphson method 101230
Kyung Ho Shin *see* Chang-Min Park 115605
Kyung Hoon Lee *see* Ik Soo Lee 73604
Kyung Hwan Cha, Dae Young Jang, Jin Woo Hong, Chun Duck Kim Implementation and evaluation of stereo audio codec using perceptual coding 98960
Kyung Hyun Nam *see* Kuey Chung Choi 82347
Kyung Joon Lee, Chang Heon Oh, Sung Joon Cho, Soo Hoan Chae Performance improvement of the DS-CDMA/DPSK cellular mobile communication system with CCI canceller and RAKE receiver 99330
Kyung Kye-Hyun *see* Kye-Hyun Kyung
Kyung Lee Mi *see* Mi Kyung Lee
Kyung O. Lee *see* Soon T. Hwang 61348
Kyung Paik *see* Li, M.J. 62517
Kyung Pak *see* Leung Tsang 97042
Kyung Pan Jae *see* Jae Kyung Pan
Kyung Pyo Jun *see* Chang Doon Shin 118272
Kyung Ryeu Jin *see* Jin Kyung Ryeu
Kyung Ryul Kim, Joo Shik Bak, Moo Hyun Cho, Won Namkung Study on a high-power RF water load for PLS linac 69593
Kyung Shik Lee, Hyun Seo Kang, Moo Youn Park Fiber optic magnetostrictive transducers for magnetic field sensing 89133
Kyung Soo Choi *see* Nam Soo Park 79124
Kyung Soo Kim *see* Young Seok Baek 104444
Kyung Sook Hyun, Chan-Yong Park, Jeong Soo Kim, Nam Hwang, Hong Man Kim Multiplication layer thickness and temperature dependence of breakdown voltages in InGaAs/InP avalanche photodiodes 64930
Kyung Su Park, Dong Ho Cho On the interconnection network in voice/data integrated CDMA cellular land mobile networks 78559
Kyung Sub Joo, Bose, T. Image scrambling using 2-D periodically shift variant filters 86469
Kyung Sub Joo *see* Rajan, S. 76924
Kyung Sun Min *see* Dong June Chung 75420
Kyung Sup Kwak *see* Baekhyun Kim 109529
Kyung Sup Kwak *see* Jun Chul Kim 88146
Kyung Wan Yu, Kwang Ryang Park Environmental test of wideband waveguide input filter in Ku-band satellite transponder 99432
Kyung Won Lee *see* Suh, K.S. 64146
Kyung-Geun Lee *see* Seong-Sue Kim 115618
Kyung-Han Sohn The legal protection of information technology in Korea 87538
Kyung-Hee Han *see* Hoon-Goo Lee 80807
Kyung-Hi Chang *see* Hyoung-Gin Nam 88117
Kyung-Ho Park *see* Okuno, Y. 84028
Kyung-Hoon Lee *see* Sung-Jea Ko 77274
Kyung-Hoon Yoon *see* Jinsoo Song 62724
Kyung-Hwa Yoo *see* Kim, T.W. 105382
Kyung-Im Son *see* Yong Je Lim 82868
Kyung-jae Kim, Chung-wook Lee, Joo-wook Eum, Han-kyu Park Frequency shifted triangular microstrip antenna 76606
Kyung-Koo Han *see* Uchida, K. 97026
Kyung-Rae Cho, Jun-Hee Hong, Sung-Soo Kim, Yong-Cheol Kang, Jong-Keun Park A fast fault location method using modal decomposition technique of traveling wave 81182
Kyung-Sang Lee, Jong-Young Par, Ki-Ho Jeong, Sung-Jun Lim, Heung-Gyoon Ryu PLL design and performance evaluation in indoor wireless DS-CDMA system under the multipath fading effects 119041
Kyung-Soo Kim *see* Jin-Jong Cha 68175
Kyung-Soo Suh *see* Byoung-Gon Yu 82724
Kyung-Soo Suh *see* Jeong Soo Kim 103891
Kyung-Soo Suh *see* Kwang-Ho Kim 105603
Kyung-Soo Suh *see* Wu Lu 95065
Kyung-Soo Yi *see* Sung-Kyun Park 63017
Kyung-Sook Hyun, Chan-Yong Park, Jeong Soo Kim, Chong Dae Park Successful application of dry etching technique using CH_4/H_2 gas to InGaAs/InP photodiode 64934
Kyung-Sook Hyun *see* Chan-Yong Park 85276
Kyung-Sook Hyun *see* Young-Wan Choi 85208
Kyung-Sun Choi, Young-Hwan Moon, Dong-Joon Kim, Jin-Boo Choo, Seung-Heon Lyu, Tae-won Kwon Modeling and verification of generator/control system of Seo-Incheon combined-cycle plant by load rejection test 102480
Kyung-Whan Oh *see* Hyun-Sook Rhee 117696
Kyung-Won Cho *see* Eungsoo Kim 84214
Kyung-Won Kim *see* Myung-Ryul Choi 97913
Kyung-Yong Chwa *see* Hyeong-Seok Lim 103617
Kyungchul Park, Seokhoon Kang, Sungsoo Park An integer programming approach to the bandwidth packing problem 118172
Kyunghee Choi *see* Jaehong Shim 60531
KyungHi Chang, In Kang, JaeSeok Kim Balanced (O)QPSK with FIR filter of discrete coefficients in CDMA system 88303
KyungHi Chang, InSan Jeon, Ik-Soo Eo, XuDuan Lin, JaeSeok Kim Frequency selective Rayleigh fading channel and AGC loop modeling for CDMA system 78442
KyungHi Chang *see* XuDuan Lin 77691
Kyungho Lee, Kyunsoon Kang, Yungsoo Jang, Soonkwon Lim Optimization of boron doped polysilicon resistors 93943
Kyunghun Jang, Hyunjoon Cho, Sungkeun Lee, Duckjin Kim, Hyeongho Lee Design of automatic test sequences script generator for SSP/AIN test 78146
KyungHun Jang *see* Sungkeun Lee 67868
Kyunghyu Lee *see* Aesoon Park 119456
Kyungil Lee *see* Sangho Yoon 106167
Kyungshik Lim, Young-Hwan Lim A virtual cell approach to the transmission of IP datagrams for mobile computer communications 108862
Kyungwhoon Cheun *see* Hyoungsoo Lim 109906
Kyungwhoon Cheun *see* Jincheon Kim 109337
Kyungwhoon Cheun *see* Wonho Lee 109905
Kyungwoo Kang *see* Bumsoo Han 79911
Kyungwoo Kang *see* Keeman Kim 79771
Kyungwoo Lee *see* Jaehoon Choi 108037
Kyungwoo Yi *see* Yi Kyungwoo
Kyuno, K., Jae-Geun Ha, Yamamoto, R., Asano, S. First-principles calculation of the magnetic anisotropy energies of Ag/Fe(001) and Au/Fe(001) multilayers 75195
Kyunsoon Kang *see* Kyungho Lee 93943
Kyuregyan, S.G. Analytic construction of the elements of indirect measurement systems 79207
Kyushik Hong, Pavlidis, D., Sejalon, F. Material and electrical characteristics of iron doped Pt-InAlAs Schottky diodes grown by LP-MOCVD 63102
Kyusojin, A. *see* Isobe, H. 84724
Kyusojin, A. *see* Tsutsumi, H. 67421
Kyuwon Jeong *see* Changwoo Reeu 86830
Kyynarainen, J.M., Berglund, M.P., Niinikoski, T.O. The new SMC dilution refrigerator 120097
Kyyra, J. Analysis of polyphase phase-shift controlled AC-DC converters based on switching vector theory 81543
Kyyra, J. *see* Schaffeler, P. 91652

L Yu Wai Man Y K *see* Yu Wai Man Y K L
La Bardonnie, M.De *see* De La Bardonnie, M.
La Bruna, G. *see* Cerofolini, G.F. 63277
La Chapelle, M.de *see* de La Chapelle, M.
La Corte, A., Lombardo, A., Palazzo, S., Schembra, G. A feedback approach for jitter and skew enforcement in multimedia retrieval services 78208
La Corte, A., Lombardo, A., Schembra, G. Jitter analysis in an ATM multimedia multiplexer 77667
La Corte, A., Lombardo, A., Schembra, G. Skew performance evaluation in an ATM multimedia multiplexer 87351
La Corte, A. *see* Andronico, M. 87988
La Corte, A. *see* Andronico, M. 108108
la Cruz, C.Gutierrez de *see* Gutierrez de la Cruz, C.
la Cruz, F.De *see* De la Cruz, F.
la Escalera, A.de *see* de la Escalera, A.
la Fuente, J.I.de *see* de la Fuente, J.I.
la Fuente, J.L.de *see* de la Fuente, J.L.
la Fuente, M.C.de *see* de la Fuente, M.C.
la Guillaume, C.Benoit a *see* Benoit a la Guillaume, C.
La Haye, A. *see* Lazeroms, M. 80418
La Houssaye, P.R.De *see* De La Houssaye, P.R.
La Monica, S. *see* Lazarouk, S. 94577
La Monica, S. *see* Lazarouk, S. 94904
La Monica, S. *see* Lazarouk, S. 96036
La Parra, H.Zelaya de *see* Zelaya de La Parra, H.
La Parra, H.Zelaya-De *see* Zelaya-De La Parra, H.
La Porta, T.F. *see* Veeraraghavan, M. 67819
La Porta, T.F. *see* Zhigang Qin 78445
La Porte, T.M. *see* Jensen, D.D. 92090
La Qiang *see* Sun Yuanzhang 80928
La Rocca, A.V. Second generation laser manufacturing systems 107665
La Rochette, H.De *see* De La Rochette, H.
la Rosa, F.de *see* de la Rosa, F.
La Rosa, G. *see* Acovic, A. 95184
La Rosa, G. *see* Lombardo, S. 105920
La Rosa, J.De *see* De La Rosa, J.
la Rosa, J.M.de *see* de la Rosa, J.M.
La Rosa, R.de *see* de La Rosa, R.
la Rosa de *see* de la Rosa
la Rose, J.M.de *see* de la Rose, J.M.
La Rotonda, L. *see* Autiero, D. 69815
La Rotonda, L. *see* Autiero, D. 80006
la Rubia, T.de *see* de la Rubia, T.
la Rubia, T.Diaz de *see* Diaz de la Rubia, T.
La Rue, G.S., Dao, T.A. Gigabit complementary HFET communication circuits: 16:1 multiplexer, 1:16 demultiplexer and 16×16 crosspoint switch 78298
La Rue, R.M.De *see* De La Rue, R.M.
La Scala, M., Trovato, M., Torelli, F. A neural network-based method for voltage security monitoring 102325
La Scala, M. *see* Aloisio, G. 90960
La Scala, M. *see* Pugliese, P. 121060
La Scala, N., Jr. *see* Geim, A.K. 63812
La Scala, N., Jr. *see* Lubyshev, D.I. 72780
la Tocnaye, J.-L.de Bougrenet de *see* de Bougrenet de la Tocnaye, J.-L.
la Tocnaye, J.L.De Bougrenet de *see* De Bougrenet de la Tocnaye, J.L.
la Torre, E.de *see* de la Torre, E.
la V., J.Gonzalez de *see* Gonzalez de la V., J.
La Vega, F.M.De *see* De La Vega, F.M.
la Vega, R.de *see* de la Vega, R.
Laabs, H., Ozygus, B. Excitation of Hermite Gaussian modes in end-pumped solid state lasers via off-axis pumping 65131
Laakso, C. *see* Barrow, W. 89272
Laakso, K. *see* Lehtinen, E. 111742
Laakso, K. *see* Wahlstrom, B. 111725
Laakso, T.I., Sabel, L.P., Yardim, A., Cain, G.D. Optimal receive filters for the suppression of ISI and adjacent channel interference 93580
Laakso, T.I., Saramaki, T., Cain, G.D. Asymmetric Dolph-Chebyshev, Saramaki, and transitional windows for fractional delay FIR filter design 86199
Laakso, T.I. *see* Aiping Huang 97696
Laakso, T.I. *see* Kale, I. 66853
Laakso, T.I. *see* Ovaska, S.J. 83221
Laakso, T.L. *see* Sabel, L.P. 78519
Laaksonen, R. *see* Eskelinen, P. 82961
Laamanen, H. *see* Alanko, T. 118361
Laan, J.van der *see* van der Laan, J.
Laan, J.v.d. *see* v.d. Laan, J.
Laan, P.Van der *see* Van der Laan, P.
Laara, E. *see* Juutilainen, J. 70265
Laasch, M., Kloess, G., Kunz, T., Schwarz, R., Grasza, K., Eiche, C., Benz, K.W. Stress birefringence in vapour-grown CdTe and its correlation to the growth techniques 92669
Laasonen, M., Hirvonen, R. Inrush currents of three-winding transformers 112042
Labahn, G. *see* Cabay, S. 61015
Labahn, G. *see* Cabay, S. 61016
Labahn, N. *see* Fiedler, O. 69506
Labanti, C. *see* Dal Fiume, D. 101038
Labanti, C. *see* Rossi, E. 101013
Labardi, M. *see* Ceresara, L. 92907
Labarrere, M. *see* Malki, A. 110388
Labat, N. *see* Saysset, N. 115229
Labataille, J.F. *see* Hull, J.R. 106732
Labate, A. *see* Lapucci, A. 85370
Labbe, M. *see* Dell'Amico, M. 60868
Labbe, N., Marechal, Y., Meunier, G. Taking geometrical changes into account with a mapped finite element method 107833
Labbe, N., Marechal, Y., Meunier, G., Harara, H.B. 2D nonlinear finite element modelling of electromagnetic retarders using time-stepping algorithms, and the Petrov-Galerkin method with homogenization techniques 71845
Labbe, N. *see* Marechal, Y. 107775
Labbe, P. *see* Poyard, S. 119748
Labbe, P. *see* Prevot, E. 119008
Labeau, P.E. A Monte Carlo estimation of the marginal distributions in a problem of probabilistic dynamics 60703
Labedz, G., Love, R., Stewart, K., Menich, B. Predicting real-world performance for key parameters in a CDMA cellular system 118963
Labedz, G. *see* Hamied, K. 118962
LaBel, K., Moran, A., Hawkins, D., Sanders, A., Seidleck, C., Kim, H., Fomey, J., Stassinopoulos, E.G., Marshall, P., Dale, C., Barry, R. Single event effect proton and heavy ion test results in support of candidate NASA programs 70337
LaBel, K. *see* Moran, A. 73461
LaBel, K. *see* Moran, A. 104597
LaBel, K.A., Gates, M.M. Single-event-effect mitigation from a system perspective 70335
LaBel, K.A., Gates, M.M., Moran, A.K., Marshall, P.W., Barth, J., Stassinopoulos, E.G., Seidleck, C.M., Dale, C.J. Commercial microelectronics technologies for applications in the satellite radiation environment 80570
LaBel, K.A., Hawkins, D.K., Kinnison, J.A., Stapor, W.P., Marshall, P.W. Single event effect characteristics of CMOS devices employing various epilayer thicknesses 106222
LaBel, K.A. *see* Adolphsen, J. 73391
LaBel, K.A. *see* Adolphsen, J. 111029
LaBel, K.A. *see* Dale, C.J. 80562
LaBel, K.A. *see* Dale, C.J. 109693
LaBel, K.A. *see* Marshall, P.W. 68378
LaBel, K.A. *see* Marshall, P.W. 88410
LaBel, K.A. *see* Mouret, I. 74744
LaBel, K.A. *see* Mouret, I. 106025
LaBel, K.A. *see* Seidleck, C.M. 111030
LaBel, K.A. *see* Skipper, M.D. 61991
Labelle, C.B. *see* Limb, S.J. 61373
LaBelle, J. *see* Hantman, B. 65599
Laberge, P. *see* Pyle, R.E. 95199
Labetoulle, J. *see* Gannoun, L. 92072
Labianca, A.T. *see* Peli, E. 90620
Labiche, J. *see* Mariani, R. 80609
Labie, P. *see* Nekhoul, B. 70988
Labini, M.S. *see* Cannistra, G. 61125
Labini, M.Sylos *see* Sylos Labini, M.
Labio, W.Juan *see* Juan Labio, W.
Labonte, C.E., Xueli Zhang Guidelines for CS-1R based service design 118554

Labonte, S., Blais, A., Legault, S.R., Ali, H.O., Roy, L. Monopole antennas for microwave catheter ablation 120499

Laboure, E., Costa, F., Gautier, C., Melhem, W. Accurate simulation of conducted interferences in isolated DC to DC converters regarding to EMI standards 121735

Labourie, C. *see* Gurib, S. 116530

Labourie, C. *see* Peyre, J.L. 94811

Labrecque, C. *see* Braunovic, M. 104913

Labrie, D., Lafontaine, H., Rowell, N., Charbonneau, S., Houghton, D., Goldberg, R.D., Mitchell, I.V. Quantum-well intermixing in $Si_{1-x}Ge_x$/Si strained-layer heterostructures using ion implantation 94691

Labrique, F. *see* El-Bachtiri, R. 93131

Labrique, F. *see* Fu, Y. 121973

Labrique, F. *see* Robyns, B. 112013

Labrouche, J. *see* Eyharts, Ph. 89740

Labrouche, J. *see* Gardelle, J. 75777

Labrousse, D., Dupont, S., Berthod, M. SAR interferometry: a multigrid Markovian approach for phase unwrapping with a discontinuity model 111082

Labrune, J.C. *see* Roge, T.P. 82623

Labunets, I.A. *see* Gurevich, Yu.Y. 71160

Laburthe, F. *see* Caseau, Y. 103707

Labutin, O.A. *see* Govorkov, A.V. 114762

Lacabanne, C. *see* Teyssedre, G. 84673

Lacabanne, C. *see* Teyssedre, G. 106339

Lacaci, M. *see* Delgado, J. 109310

Lacaita, A., Zappa, F., Cova, S., Lovati, P. Single-photon detection beyond 1 μm: performance of commercially available InGaAs/InP detectors 85275

Lacaita, A. *see* Cova, S. 69116

Lacaita, A. *see* Perron, L. 84410

Lacaita, A. *see* Zappa, F. 105173

Lacaita, A.L. *see* Zappa, F. 79404

Lacan, P. *see* Scherer, K. 106916

Lacanette, K. Analogue/Digitals converters, in low voltage systems 73478

Lacap, E. *see* Dakuginow, S. 82262

Lacap, E.M. The development of the ultra-thin leadless package (UTLP) 103455

Lacarrere, D. *see* Benvenuti, C. 110483

Lacarrere, D. *see* Chiaveri, E. 100417

Lacava, F. *see* Bacci, C. 100845

Lacava, J.C.da S. *see* da S. Lacava, J.C.

Lacava, J.C.daS. *see* da Silva, C.M. 97378

Lacaze, A. *see* Le Naour, S. 102180

Lacaze, B., Duverdier, A. Additive random sampling and exact reconstruction 66731

Lacaze, B. *see* Tourneret, J.-Y. 97731

Lacaze, C. *see* Lasance, C.J.M. 110423

Lacelle, C. *see* Finnie, P. 61229

Lacelle, C. *see* Roth, A.P. 114786

Lacerda, C.De *see* De Lacerda, C.

Lacerte, A. *see* Crow, J.D. 119221

Lacey, A. *see* Jervis, B.W. 70130

Lacey, D., Drossos, G., Wu, Z., Davis, L.E., Button, T.W., Smith, P. Miniaturised HTS microstrip patch antenna with enhanced capacitative loading 66046

Lacey, D. *see* Cova, P. 62253

Lacey, D. *see* Crow, J.D. 119221

Lacey, G. *see* Mock, P. 72842

Lacey, J. *see* Yates, J. 88581

Lacey, J.L., Schlom, D.G. *C*-axis oriented lithium niobate films on (001) magnesium oxide by pulsed laser deposition 72850

Lacey, J.P.R., Pendock, G.J., Tucker, R.S. All-optical 1300-nm to 1550-nm wavelength conversion using cross-phase modulation in a semiconductor optical amplifier 76038

Lacey, J.P.R., Pendock, G.J., Tucker, R.S. Gigabit-per-second all-optical 1300-nm to 1550-nm wavelength conversion in a semiconductor optical amplifier 78765

Lacey, J.P.R., Pendock, G.J., Tucker, R.S. Gigabit-per-second all-optical 1300-nm to 1550-nm wavelength conversion using cross-phase modulation in a semiconductor optical amplifier 78779

Lacey, J.P.R. *see* Pendock, G.J. 119253

Lacey, J.P.R. *see* Wang, C.C. 78769

Lacey, J.P.R. *see* Wen De Zhong 88535

Lacey, J.P.R. *see* Yates, J.M. 78752

Lacey, J.P.R. *see* Zhong, W.D. 99035

Lach, E., Baums, D., Bouayad-Amine, J., Hache, C., Haisch, H., Kuhn, E., Satzke, K., Schilling, M., Weber, J., Zielinski, E. Mode locked laser realized by selective area growth for short pulse generation and optical clock recovery in TDM systems 107231

Lach, E. *see* Baums, D. 109312

Lach, E. *see* Idler, W. 96706

Lach, E. *see* Klenk, M. 96423

Lach, E. *see* Schilling, M. 78777

Lach, E. *see* Schilling, M. 96425

Lach, E. *see* Schilling, M. 99599

Lach, E. *see* Weinmann, R. 75597

Lachance, R. *see* Raymond, L. 72154

Lachapelle, G., Cannon, M.E., Penney, D.C., Goddard, T. GIS/GPS facilitates precision farming 88392

Lachapelle, G., Cannon, M.E., Qiu, W., Varner, C. Precise aircraft single-point positioning using GPS post-mission orbits and satellite clock corrections 99693

Lachapelle, G. *see* Tiemeyer, B. 79081

Lachartre, D. *see* Dentan, M. 90222

Lachartre, D. *see* Dentan, M. 95214

Lachat, E. *see* Jingming Li 107904

Lachaud, F., Michel, L., Lorrain, B., Barriol, R. Acoustic analysis of delamination propagation in CFRP cross-ply laminates under static and cyclic loadings 113601

Lachaud, J.-O., Montanvert, A. Volumic segmentation using hierarchical representation and triangulated surface 67232

Lachenkov, S.A. *see* Burkhanov, G.A. 115902

Lachenmann, R. *see* Jitschin, W. 94157

Lachenmann, S.G., Doderer, T., Huebener, R.P. Phase locking of Josephson junctions in a two-dimensional array 75358

Lachenmann, S.G. *see* Ochs, E. 95496

Lacher, M. *see* Freimuth, H. 92955

Lachieze-Rey, M. *see* Mandolesi, N. 99703

Lachieze-Rey, M. *see* Smoot, G.F. 99702

Lachinov, A.N., Zherebov, A.Yu., Kornilov, V.M. New effects in electroactive polymers: new basics for sensors 82774

Lachiq, A. *see* Monna, R. 82615

Lachiusa, D. *see* Krishnamoorthy, S. 119423

Lachout, P. A note on the goodness-of-fit test in general regression model 92397

Lachowicz, H.K. Nanocrystalline magnets: Novel materials for application and basic research 64234

Lachowski, E.E. *see* Skakle, J.M.S. 75316

Lachs, W.R., Sutanto, D. The dynamics of system voltage instability 80754

Lachs, W.R., Sutanto, D. Uncertainty in electricity supply controlled by energy storage 80819

Lack, L. *see* Bishop, N. 102542

Lackerbauer, C.-A. *see* Gauger, J. 120284

Lackermeier, R. *see* Kempter, J. 109054

Lackey, D.E. *see* Engel, J.J. 115326

Lackey, J. *see* Johnstone, C. 79799

Lackey, J. *see* Smith, W.H. 100974

Lacklison, D.E. *see* Foxon, C.T. 82693

Lackmann, R. *see* Wieberneit, M. 99887

Lackner, A.M., Margerum, J.D., Sherman, E., Coates, D. Liquid crystal monomer additives for improved polymer dispersed liquid crystals 106878

Lackner, A.M., Smith, W.H., Margerum, J.D., Petrusis, C. LC material studies for atmospheric compensation using a liquid crystal light valve 95878

Lackner, A.M. *see* Wu, S.-T. 89454

Lackritz, H.S. *see* Lee-Yin Liu 85597

Laclare, J.L. *see* Ropert, A. 79912

Lacmann, K. *see* Koizumi, H. 64109

Lacoe, R. *see* Singh, A. 69167

Lacom, W. *see* Degischer, H.P. 82204

Lacombe, J. *see* Pinsard, A. 66035

Lacomme, P., Carrara, B., Williams, N.C., Fisher, G.B., Gotz, R., Hommel, H. AMSAR: a European active antenna radar programme 111407

Lacorte, M. *see* Carvalho, A. 81066

Lacoss, R.T. *see* Verly, J.G. 77142

Lacoste, J. *see* Bortoni, G. 91097

Lacoste, J. *see* Cholley, P. 91096

Lacot, E., Stoeckel, F. Nonlinear mode coupling in a microchip laser 107216

Lacot, E. *see* Kachanov, A. 75898

Lacot, E. *see* Romanini, D. 96184

Lacoudre, N. *see* Brun, C. 71076

Lacoume, J.-L. *see* Thirion, N. 120704

Lacoume, J.L. *see* Amblard, P.O. 117411

Lacoume, J.L. *see* Amblard, P.O. 117412

Lacourt, A. *see* Hallgren, B. 90201

Lacourt, A. *see* Hallgren, B. 100956

Lacquaniti, N. *see* Lazarouk, S. 96036

Lacquantii, V., Maggi, S., Monticone, E., Steni, R. Properties of RF-sputtered Nb/Al-AlO_x/Nb Josephson SNAP junctions 64538

Lacquet, B.M. *see* Bulkin, P.V. 95930

Lacquet, B.M. *see* Swart, P.L. 110373

Lacroix, A. *see* Hartwig, F. 114107

Lacroix, B. ATM networks: monitoring for quality 118707

Lacroix, J. *see* Beaudin, G. 79100

Lacroix, S. *see* Shadaram, M. 100159

Lacroix, S. *see* Symon, A. 99473

Lacroix, V., Acheroy, M. A simple and robust line detector 86855

Lacroix, Y.R.J. *see* Liu, C.W. 104123

Lacy, J. *see* Blaze, M. 77888

Lacy, J.B. *see* Reiter, M.K. 76741

Lacy, N.H., Zuchowski, L.A., Jr., Heath, D.R. Steam generator and pressurizer radwaste package design features 81243

Lacy, S. *see* Garg, V. 73907

Lad, N.T. *see* Hross, R. 67145

Ladabaum, I., Khuri-Yakub, B.T., Spoliansky, D., Haller, M.I. Micromachined ultrasonic transducers (MUTs) 111363

Ladan, P.R. *see* Cerre, N. 100061

Ladbrooke, P.H., Carroll, J.E. Dielectric relaxation as a limit on transistor switching speed 95044

Ladd, D.N. *see* Eastment, J.D. 65842

Ladd, S.K., Mandry, J.E., Amey, D.I., Horowitz, S.J., Page, J.P., Holmes, D. Comparison of a Super SPARC multichip module: diffusion Patterning and Fodel MCM-C vs MCM-D 83665

Laddi, B. *see* Capps, M. 112813

Lade, H. *see* Bachmann, P.K. 114905

Ladebeck, R. *see* Werthner, H. 120343

Ladeinde, F. *see* Zou, Y.F. 92677

Ladera, C.L., DeLong, K.W., Fittinghoff, D.N., Trebino, R. Retrieving the phase and intensity of an ultrashort pulse using frequency-resolved optical gating and a computational neural network 110411

Ladeuze, M. *see* Jongen, Y. 101424

Ladeveze, M., Berbezier, I., Arnaud D'Avitaya, F. Silicon homoepitaxy on high index surfaces and the effect of antimony on this growth 82661

Ladew, R.A., Makl, A.S. Integrating passive components 83640

Ladin Zvi *see* Zvi Ladin

Lading, L. *see* Hanson, S.G. 107682

Lading, L. *see* Yura, H.T. 107683

Ladipo, F. *see* Andry, P.S. 82642

Ladner, R. *see* Jaisimha, M.Y. 66886

Ladniak, L. *see* Borecki, J. 91027

Lado, M.J. *see* Mendez, A.J. 90410

Ladommatos, N. *see* Mendis, K.J.S. 91314

Ladouceur, F. *see* Durandet, A. 75546

Ladouceur, F. *see* Steblina, V. 75455

Ladouceur, F.J. *see* Moss, D. 75530

Ladouceur, F.J. *see* Moss, D. 106823

Ladreiter, H.P., Kirchengast, G. GPS/GLONASS sensing of the neutral atmosphere: model-independent correction of ionospheric influences 101560

Ladvanszky, J. On package modelling 72276

Ladvanszky, J. *see* Jaro, G. 104354

Ladygin, A.N. *see* Kudryavtsev, A.V. 103065

Ladygin, E. *see* Braunschweig, W. 120173

Ladygin, I.N. *see* Kuprenyuk, V.I. 116335

Ladygin, V.I. *see* Bityutskii, O.I. 60685

Lae Kim Chung *see* Chung Lae Kim

Laehderanta, E. *see* Fleisher, V.G. 106666

Laere, A.R.Van *see* Van Laere, A.R.

Laeri, F. *see* Angelow, G. 107425

Laes, E. Submicron CMOS technology: the enabling tool for system-on-a-chip integration 73192

Laevens, K., Bruneel, H. Discrete-time queueing models with feedback for input-buffered ATM switches 118046

LaFave, L.E. *see* Ziegler, J.F. 72394

Laferriere, J., Saget, M., Champavere, A. Analysing multipath networks 119172

Lafferty, M. Managing energy: cable's interactive gateway 67638

Lafferty, M. Digital servers (finally) starting to deliver 68905

Lafferty, M. LMDS formula awaits approval: FCC postponements frustrate wireless proponents 99053

Lafferty, M. An early peek at the headend of tomorrow 99763

Lafferty, M. Taking the PC out of the data comm loop: New technologies bring mass market and net together on TV 99800

Lafferty, M. Getting the data bugs out at your system [CATV] 119472

Laffin, L. *see* Balhan, B. 79967

Laffitte, D. *see* Hornung, V. 116552

Laflamme, R., Miquel, C., Pablo Paz, J., Zurek, W.H. Perfect quantum error correcting code 76811

Lafler, K.P. *see* Shipp, C.E. 87729

Lafleur, M. *see* Kortman, J. 60553

Lafleur, M. *see* van Berkel, R. 72233

Laflin, N.J. *see* Maddocks, M.C.D. 119361

Lafond, C. *see* Jutras, R. 81064

Lafontaine, H., Houghton, D.C., Elliot, D., Rowell, N.L., Baribeau, J.-M., Laframboise, S., Sproule, G.I., Rolfe, S.J. Characterization of $Si_{1-x}Ge_x$ epilayers grown using a commercially available ultrahigh vacuum chemical vapor deposition reactor 82636

Lafontaine, H. *see* Labrie, D. 94691

Lafontaine, S.R. *see* Madden, J.D. 64015

Laforenza, D. *see* Fabbretti, G. 97832

LaForge, L.E. *see* Iychettira, A. 63876

Laforgia, D., Ruggiero, F. Energy recovery of blast-furnace gas coke: the importance of a correct regulation system 112632

Lafourcade, A., Vardy, A. Optimal sectionalization of a trellis 66275

Laframboise, S. *see* Lafontaine, H. 82636

LaFrate, P.J., Jr., Stout, D.S., Salazar, M.D., Elliott, J.W. Decontamination and demolition of a former plutonium processing facility's process exhaust system, firescreen, and filter plenum buildings LA-UR-96-91 81246

Lafruit, G., Cornelis, J. A space-filling curve image-scan for low-power VLSI implementation of wavelet coding 77461

Lafuente, E., Roncero, J.L. Access network planning: methodology and tools 118658

Lagace, P.-J. *see* Belhadj, C. 70736

Lagace, P.J., Fortin, J., Crainic, E.D. Interpretation of resistivity sounding measurements in N-layer soil using electrostatic images 102267

Lagadas, M., Hatzopoulos, Z., Tsagaraki, K., Calamiotou, M., Lioutas, C., Christou, A. The effect of arsenic overpressure on the structural properties GaAs grown at low temperature 113363

Lagage, P.-O. *see* Rothan, F. 69311

Lagally, M.G. *see* Teichert, C. 82658

Lagarde, J.-M. *see* Briot, M. 87185

Lagares, A., Lupianez, J.M., Gonzalvo, A. Experiences on the phosphate/morpholine chemical treatment in Jose Cabrera nuclear power plant 71063

Lagarikov, A.N. *see* Paramonov, V.P. 84785

Lagasse, P. *see* Sercu, J. 114225

Lagasse, R.R. *see* Levy, S.C. 81675
Lage, H. *see* Kuhl, J. 62867
Lage, H. *see* Ring, W.S. 85476
Lage, J.L., Weinert, A.K., Price, D.C., Weber, R.M. Numerical study of a low permeability microporous heat sink for cooling phased-array radar systems 92265
Lagemaat, J.van de *see* van de Lagemaat, J.
Lagemann, K. *see* Larsson, L. 108597
Lagendijk, J.J.W. *see* de Bree, J. 110912
Lagendijk, R.L. *see* De Ridder, A.C. 86573
Lagendijk, R.L. *see* Frimout, E.D. 68920
Lagendijk, R.L. *see* van der Meer, P.J. 86911
Lagendijk, R.L. *see* Westen, S.J.P. 108536
Lager, I.E., Mur, G. The finite element modeling of static and stationary electric and magnetic fields 65617
Lager, I.E., Mur, G. The FEMAX package for static and stationary electric and magnetic fields 96883
Lagergren, J. *see* Kann, V. 88345
Lagerquist, M.D., Bither, W., Brouillette, R. Improving SEM linewidth metrology by two-dimensional scanning force microscopy 115080
Lagerwall, S.T. *see* Matuszczyk, T. 89324
Laget, B. *see* Konik, H. 67344
Laget, B. *see* Konik, H. 77419
Laget, B. *see* Lozano, V. 77421
Laget, B. *see* Tremeau, A. 67345
Laget, V., Rouba, S., Rabu, P., Hornick, C., Drillon, M. Long range ferromagnetism in tunable cobalt(II) layered compounds up to 25 Å apart 64386
Lagnado, I. *see* De La Houssaye, P.R. 62281
Lagnado, I. *see* Johnson, R.A. 93931
Lagniel, J.-M., Libault, D. Chaos, a source of charge redistribution and halo formation in space-charge dominated beams 90015
Lagniel, J.-M. *see* Beauvais, P.-Y. 89995
Lagniel, J.-M. *see* Ferdinand, R. 89727
Lago, A.Dal *see* Dal Lago, A.
Lago, E.Del *see* Del Lago, E.
Lagomarsino, S., Jark, W., Di Fonzo, S., Cedola, A., Mueller, B., Engstrom, P., Riekel, C. Submicrometer X-ray beam production by a thin film waveguide 69896
Lagomarsino, S. *see* Castrucci, P. 113326
Lagomarsino, S. *see* Jark, W. 120243
Lagomarsino, S. *see* Scarinci, F. 113321
Lagorce, L.K., Allen, M.G. Micromachined polymer magnets 74895
Lagos, R. *see* Luque, A. 83789
Lagoudakis, A. *see* Constantinou, P. 77814
Lagoudas, D.C. *see* Sottos, N.R. 92977
Lagourette, B. *see* Daridon, J.L. 101499
Lagow, B.W. *see* Turkot, B.A. 114882
Lagowski, J. *see* Jastrzebski, L. 112347
Lagowski, J. *see* Ostapenko, S. 62683
Lagowski, J. *see* Ostapenko, S. 84019
Lagrange, X., Godlewski, P. Performance of a hierarchical cellular network with mobility-dependent hand-over strategies 119003
Lagrange, X. *see* Dropmann, U. 88331
Lagrevol, R.De *see* De Lagrevol, R.
Lagstad, P. Detecting linear motion of an object in a sequence of monocular underwater images 86999
Lagunas, M.A. *see* Pages-Zamora, A. 119385
Lagunova, T.S. *see* Voronina, T.I. 74347
Lagunovsky, D.M., Ablameyko, S.V. Fast straight-line extraction in aerial images 108641
Lagutin, I.V. *see* Ol'khovskii, G.G. 102466
Lahdhiri, T., Alouani, A.T. Nonlinear excitation control of a synchronous generator with implicit terminal voltage regulation 91478
Laheurte, J.-M., Katehi, L.P.B., Rebeiz, G.M. CPW-fed slot antennas on multilayer dielectric substrates 66055
Laheurte, J.-M., Katehi, L.P.B., Rebeiz, G.M. CPW-fed slot antennas on multilayer dielectric substrates 97356
Laheurte, J.-M. *see* Giauffret, L. 76599
Laheurte, J.M. *see* Forma, G. 108022
Laheurte, J.M. *see* Giauffret, L. 66095
Laheurte, J.M. *see* Giauffret, L. 76670
Lahiri, I., Melloch, M.R., Nolte, D.D. Non-pixelated quantum well diode diffraction modulators 64805
Lahiri, I. *see* Nolte, D.D. 106868
Lahiri, S.K. Polysilicon resistors and interconnects for VLSI: High-field conduction and high-current stressing effects 106161
Lahiri, S.K. *see* Ang, G.L. 72301
Lahiri, S.K. *see* Bera, L.K. 105458
Lahiri, S.K. *see* Chakrabarti, P. 106238
Lahiri, S.K. *see* Das, S. 106149
Lahiri, S.K. *see* Kal, S. 105118
Lahiri, S.K. *see* Kal, S. 106183
Lahiri, S.K. *see* Rama Mohana Rao, B.V. 106952
Lahiri, S.K. *see* Ray, S.K. 61364
Lahiri, S.K. *see* Umapathi, B. 104141
Lahoz, W.A., Suttie, M.R., Froidevaux, L., Harwood, R.S., Lau, C.L., Lungu, T.A., Peckham, G.E., Pumphrey, H.C., Read, W.G., Shippony, Z., Suttie, R.A., Waters, J.W., Nedoluha, G.E., Oltmans, S.J., Russell, J.M., III, Traub, W.A. Validation of UARS Microwave Limb Sounder 183 GHz H_2O measurements 120782
Lahr, A. Multimedia applications and technologies 98843
Lahteenmaki, J., Karttaavi, T. Measurement of dielectric parameters of wall materials at 60 GHz band 100283
Lahteenoja, M. *see* Ferrero, U. 98911
Lahteenoja, M. *see* Olsen, B.T. 78788
Lahteenoja, M. *see* Olsen, B.T. 98910
Lahti, G. *see* Chowdhary, M. 89943
Lahti, K. *see* Kannus, K. 102277
Lahtinen, A. On the choice of the initial value of a quadratic spline in positive interpolation 72566
Lahtinen, M., Paasi, J., Kettunen, L. Diffusion model for the computation of current density distributions in composite superconductors 115900
Lahtinen, M., Paasi, J., Sarkaniemi, J., Zhenghe Han, Freltoft, T. Bending strain study of Bi-2223/Ag tapes using Hall sensor magnetometry 95414
Lahtinen, M. *see* Arrillaga, J. 70846
Lahtinen, M. *see* Paasi, J. 95408
Lai, A.-T. *see* Hsu, I. 100592
Lai, A.H.S. *see* Yung, N.H.C. 86555
Lai, A.H.S. *see* Yung, N.H.C. 117573
Lai, A.K.Y. *see* Tam, W.Y. 97303
Lai, C.D. *see* Xie, M. 60705
Lai, C.H., Katsouleas, T., Liou, R., Mori, W.B., Joshi, C., Muggli, P., Brogle, R., Dawson, J. Photon acceleration from rest to the speed of light 89646
Lai, C.H. *see* Mori, W.B. 62598
Lai, C.S. *see* Kuo, J.B. 84369
Lai, H.C., Leonard, P.J., Rodger, D. 3D finite element dynamic simulation of electrical machines coupled to external circuits 111933
Lai, H.C. *see* Allen, N. 65738
Lai, H.C. *see* Coles, P.C. 65686
Lai, H.C. *see* Eastham, J.F. 71829
Lai, H.C. *see* Leonard, P.J. 71242
Lai, H.C. *see* Leonard, P.J. 107781
Lai, H.C. *see* Rodger, D. 107782
Lai, J. *see* Majumdar, A. 105830
Lai, J.-S. *see* Kang, W.-J. 90517
Lai, J.-T., Yeh, Y.-H., Lee, J.Y. Light emitting real-space transfer devices fabricated with strained $GaAs/In_{0.2}Ga_{0.8}As/AlGaAs$ heterostructures 64958
Lai, J.K.L. *see* Chan, Y.C. 94052
Lai, J.K.L. *see* Xie, D.J. 93987
Lai, J.K.L. *see* Xie, D.J. 93988
Lai, J.S. *see* Young, R.W., Sr. 71806
Lai, J.Z.C., Lue, C.C. Fast search algorithms for VQ codebook generation 86350
Lai, K., Lala, P.K. Multiple fault detection in fan-out free circuits using minimal single fault test set 83048
Lai, K. *see* Chou, A.I. 94689
Lai, K.-C., Lee, T.-H. Estimates of loss probabilities for delay-sensitive traffic in ATM networks 77679
Lai, K.-C. *see* Lee, T.-H. 108741
Lai, K.F. *see* Ngo, C.W. 87089
Lai, K.F. *see* Ngo, C.W. 117608
Lai, K.K., Leong, P.H.W. Implementation of time-multiplexed CNN building block cell 62111
Lai, K.P. *see* Beattie, W.C. 102618
Lai, L.L., Ma, J.T. Optimal power flow in FACTS using genetic algorithms 101906
Lai, L.L., Ma, J.T. Application of evolutionary programming to transient and subtransient parameter estimation 111893
Lai, L.L., Ma, J.T., Almonacid K., M., Yang, Y.H. On-line multi-machine power system stability assessment with fuzzy logic classifier system 90931
Lai, L.L., Ma, J.T., Yang, Y.H. Power flow control in FACTS with genetic algorithm 91103
Lai, L.L. *see* Ma, J.T. 101977
Lai, L.L. *see* Ma, J.T. 101993
Lai, M. *see* Grimaud, J. 101274
Lai, M.-Y. *see* Rauscher, K.F. 78305
Lai, P. *see* Kwok, P. 89918
Lai, P. *see* Mori, W.B. 89678
Lai, P.P. *see* Yaparpalvi, R. 80465
Lai, P.T., Huang, M.Q., Zeng, X., Zeng, S.H., Li, G.Q. Influence of backsurface argon bombardment on SiO_2-Si interface characteristics 63136
Lai, Q., Bachmann, M., Hunziker, W., Besse, P.A., Melchior, H. Arbitrary ratio power splitters using angled silica on silicon multimode interference couplers 95766
Lai, Q., Hunziker, W., Melchior, H. Silica on Si waveguides for self-aligned fibre array coupling using flip-chip Si V-groove technique 116065
Lai, R. How could research on testing of communicating systems become more industrially relevant? 118188
Lai, R., Ng, G.I., Lo, D.C.W., Block, T., Wang, H., Biedenbender, M., Streit, D.C., Liu, P.H., Dia, R.M., Lin, E.W., Yen, H.C. A high-efficiency 94-GHz 0.15-µm InGaAs/InAlAs/InP monolithic power HEMT amplifier 104878
Lai, R. *see* Aust, M.V. 83435
Lai, R. *see* Hwang, Y. 83449
Lai, R. *see* Hwang, Y. 83472
Lai, R. *see* Jirachiefpattana, A. 67578
Lai, R. *see* Laskar, J. 93859
Lai, R. *see* Lester, J.A. 83450
Lai, R. *see* Lester, J.A. 83473
Lai, R. *see* Norris, T.B. 116482
Lai, R. *see* Tran, L. 93938
Lai, R.K., Jiunn-Ren Hwang, Nees, J., Norris, T.B., Whitaker, J.F. A fiber-mounted, micromachined photoconductive probe with 15 $nV/Hz^{1/2}$ sensitivity 106978
Lai, R.K. *see* Jiunn-Ren Hwang 116232
Lai, S.T. Effects of charge exchange in ion beams emitted from spacecraft 70478
Lai, V.S., Reeh, B., Guynes, J.L. The progress of ISDN: in Germany and beyond 67858
Lai, W.K., Hwang, C.C. Ticket circulation protocol: a simple and fair protocol for slot reuse 98784
Lai, W.Y., Pan, C.Y., Wang, Y.Z., Yan, M.L., Li, S.X., Yu, C.T. Giant magnetoresistance effect observed in Fe/Mo superlattices formed by magnetron sputtering 106587
Lai, Y. *see* Cheng, P.-H. 107345
Lai, Y. *see* Lee, T.-D. 116517
Lai, Y.-K., Li, J., Kuo, C.-C.J. Image enhancement for low bit-rate JPEG and MPEG coding via post-processing 86559
Lai, Y.S. *see* Bowes, S.R. 102841
Lai, Z. *see* Liu, J. 94120
Lai Chao Sung *see* Chao Sung Lai
Lai Chao-Tsun *see* Chao-Tsun Lai
Lai Cheng-Huang *see* Cheng-Huang Lai
Lai Chih-Huang *see* Chih-Huang Lai
Lai Chun-Hui *see* Chun-Hui Lai
Lai Dongxian, Feng Tinggui Effects of positions of laser spots on time behaviour of non-uniform degree of illumination for a capsule 116613
Lai Hsin-Hung *see* Hsin-Hung Lai
Lai Huei-Yang *see* Huei-Yang Lai
Lai Jiang *see* Kunji Chen 94532
Lai Jie *see* Jie Lai
Lai Jih-Guang *see* Jih-Guang Lai
Lai Jih-Sheng *see* Jih-Sheng Lai
Lai Jin-Shin *see* Jin-Shin Lai
Lai Jo Cheong *see* Cheong Lai Jo
Lai Kuen-Chu *see* Kuen-Chu Lai
Lai Min *see* Zhou Qinhui 80870
Lai Ming-Jun *see* Ming-Jun Lai
Lai Shurong *see* Shurong Lai
Lai Song *see* Song Lai
Lai Songcan *see* Songcan Lai
Lai Tian-Shu *see* Tian-Shu Lai
Lai Tianshu, Lin Weizhu, Chen Yuchuan, Xu Xingshao, Zhen Xiangyang, Mo Dang Pulses compression in a self-mode-locked Ti:sapphire laser 65174
Lai Tianshu *see* Tianshu Lai
Lai Wen-Koi *see* Wen-Koi Lai
Lai Wong Chi *see* Chi Lai Wong
Lai Wu-Yan *see* Wu-Yan Lai
Lai Xuejia *see* Xuejia Lai
Lai Yeong-Kang *see* Yeong-Kang Lai
Lai Yeong-Lin *see* Yeong-Lin Lai
Lai Yi Yi *see* Liang Tao 118952
Lai Yinchieh *see* Yinchieh Lai
Lai Yong-Lin *see* Yong-Lin Lai
Lai Yu Tong *see* Tong Lai Yu
Lai Yu-Ling *see* Yu-Ling Lai
Lai Yung-Te *see* Yung-Te Lai
Lai Zhanping *see* Zhanping Lai
Lai Zheren *see* Zheren Lai
Lai Zonghe *see* Zonghe Lai
Lai Zongsheng *see* Zongsheng Lai
Lai-Man Po, Wing-Chung Ma A novel four-step search algorithm for fast block motion estimation 77111
Lai-Man Po *see* Lai-Tak Leung 87057
Lai-Tak Leung, Lai-Man Po Variable block size predictive vector quantization for image coding 87057
Laib, A. *see* Muller, R. 90299
Laibowitz, R.B. *see* Shaw, T.M. 63186
Laico, F. *see* Avanzini, C. 90225
Laico, F. *see* Avanzini, C. 100959
Laidet, I. *see* Gagnol, P. 102336
Laidler, H., Hickey, B.J. Spin-dependent scattering in the nonmagnetic layers of annealed Co/Cu multilayers 75192
Laigen Pan *see* Pan Laigen
Laih, C.-S., Yang, C.-N. Design of efficient balanced codes with minimum distance 4 108171
Laih, L.-H., Chen, Y.-A., Tsay, W.-C., Hong, J.-W. High responsivity a-Si:H bottom-electrode metal-semiconductor-metal photodetector (BMSM-PD) 69138
Laih, L.-W., Tsai, J.-H., Wu, C.-Z., Lin, K.-W., Cheng, C.-C., Liu, W.-C., Lour, W.-S. Pseudomorphic step-doped channels field-effect transistor (SDCFET) 84489
Laih, L.-W. *see* Lour, W.-s. 84474
Laih, L.-W. *see* Wu, C.-Z. 74745
Laih Chi-Sung *see* Chi-Sung Laih
Laih Lih-Wen *see* Lih-Wen Laih
Laiho, R., Pavlov, A. Photoluminescence of laser-deposited porous silicon and its correlation with density of electronic states determined by scanning tunnelling microscopy 94313
Laiho, R. *see* Fleisher, V.G. 106666
Laijun Pan *see* Pan Laijun
Lailly, P., Sinoquet, D. Smooth velocity models in reflection tomography for imaging complex geological structures 70430
Lain-Chyr Hwang *see* Chung-Ju Chang 77937
Laine, A., Jian Fan Frame representations for texture segmentation 67093
Laine, A.F. *see* Chen, D. 90457
Laine, A.F. *see* Zong, X. 97872
Laine, D.C. *see* Jones, D.R. 107134
Laine, J.P. *see* Seassal, C. 106857

Laing, I.A., Grieve, S.H., Tarvet, F., Logie, L.J. Pulse oximetry in newborn intensive care 90333
Laing, J.D. *see* Dworman, G. 60810
Lainiotis, D.G., Papaparaskeva, P., Kothapalli, G., Plataniotis, K. Adaptive filter applications to LIDAR: return power and log power estimation 90809
Laird, D.N. *see* Momoh, J.A. 121133
Laird, S. *see* Chan, K.K. 65821
Lairson, B.M., Liu, W., Payne, A.P. Magnetic relaxation at high linear densities in thin films with perpendicular magnetic anisotropy 75179
Lairson, B.M. *see* Wen H. Liu 84810
Laitano, R.F., Rosetti, M., Frisoni, M. Effects of nuclear interactions on energy and stopping power in proton beam dosimetry 101448
Laitinen, J., Moring, I. MTF as a figure of merit in visual surface inspection 72334
Laiyao Fan *see* Fan Laiyao
LaJeunesse, M. *see* Calvin, H. 106718
LaJeunesse, M. *see* Deis, G. 106719
Lajoie-Mazenc, M., Vinassa, J.M., Cros, J., Astier, S. Brushless DC motors with low torque ripple 91541
Lajoie-Mazenc, M. *see* Charpentier, J.F. 71533
Lajoie-Mazenc, M. *see* Pertusa, C. 81421
Lajole-Mazenc, M. *see* Kuo-Peng, P. 107805
Lajtha, G. *see* Sallai, G. 98539
Lajugie, M. *see* Brouzes, H. 62342
Lak Hyun Jang *see* Jun Rim Choi 104712
Lakaparampil, Z.V., Fathima, K.A., Ranganathan, V.T. Design, modelling, simulation and implementation of vector controlled induction motor drive 112475
Lakatos, E. Two-way photomagnetoelectric effect [magnetic sensor] 69038
Lakatos, T., Hegyesi, G., Kalinka, G. A simple pulsed drain feedback preamplifier for high resolution high rate nuclear spectroscopy 120225
Lake, D.E. Detecting regularity in minefields and chaotic signals using the empty boxes test 117467
Lake, D.W. Vision systems for quality control 60677
Lake, J. *see* Robson, D. 119090
Lake, J. *see* Shirlaw, J. 119091
Lake, M.S. *see* Peterson, L.D. 78638
Lake, P. *see* Bailey, J.E. 69615
Lake, R., Klimeck, G., Bowen, R.C., Fernando, C., Moise, T., Kao, Y.C., Leng, M. Interface roughness, polar optical phonons, and the valley current of a resonant tunneling diode 105877
Lake, R. *see* Klimeck, G. 63564
Lake, R.K. *see* Frensley, W.R. 63827
Lakeenkov, V.M. *see* Belogorokhov, A.I. 74189
Lakeman, J.B. Electrochemical power sources for pulse power applications 112086
Lakeman, J.B. State-of-health/condition monitoring of large lead-acid traction cells using conductance measurements 112226
Lakeou, S. *see* Rajeswari, M. 75128
Laker, K.R. *see* Hagler, M.O. 112764
Lakervi, E. *see* Nikander, A. 81030
Lakes, R.S. *see* Miller, M. 64614
Lakhani, A. *see* Savoie, J.M. 108921
Lakhanpal, D. *see* Billinton, R. 70745
Lakhmikumar, S.T. *see* Jeyakumar, R. 112419
Lakhno, N.I. *see* Konovalov, N.A. 117722
Lakhtakia, A. Bruggeman formalism for uniaxial dielectric-magnetic composites 65819
Lakhtakia, A., Weiglhofer, W.S. Maxwell Garnett approach for nonlinear dilute particulate composites with bi-isotropic host media 65652
Lakhtakia, A., Weiglhofer, W.S. Dilute nonlinear particulate composites comprised by linear bianisotropic inclusions in nonlinear dielectric host media 76115
Lakhtakia, A. *see* Hillion, P. 107731
Lakhtakia, A. *see* Slepyan, G.Ya. 97087
Lakhtikov, A.E. *see* Boichenko, A.M. 75808
Lakhtin, A.A. *see* Patrakeev, M.V. 114652
Lakin, K.M., McCarron, K.T., Rose, R.E. Solidly mounted resonators and filters 104673
Lakkis, I. *see* Wang, Y. 68577
Laknath, K.G.D. *see* Takano, H. 120282
Lakner, H. Subnanometer scale characterization of III-V-heterostructures 94490
Lakner, H., Bollig, B., Ungerechts, S., Kubalek, E. Characterization of III-V semiconductor interfaces by Z-contrast imaging, EELS and CBED 94470
Lakoba, T.I. Concerning the equations governing nonlinear pulse propagation in randomly birefringent fibers 106803
Lakrimi, M. *see* Bird, J.P. 62928
Lakrimi, M. *see* Cao, S. 114686
Lakrimi, M. *see* Daly, M.S. 62901
Lakrimi, M. *see* Daly, M.S. 63023
Lakrimi, M. *see* Daly, M.S. 105364
Lakrimi, M. *see* Klipstein, P.C. 103844
Lakrimi, M. *see* Vaughan, T.A. 62863
Lakshman, T.V., Neidhardt, A., Ott, T.J. The drop from front strategy in TCP and in TCP over ATM 87802
Lakshman, T.V. *see* Heyman, D.P. 77631
Lakshman, Y.N., Saunders, B.D. Sparse shifts for univariate polynomials 103744
Lakshmanan, A.V. *see* Bhaskar, B.K. 110909
Lakshmanan, S., Grimmer, D. A deformable template approach to detecting straight edges in radar images 66937
Lakshmanan, V. *see* Fife, L.D. 80652
Lakshmi, B., Cassidy, D.T., Robinson, B.J. Quantum-well strain and thickness characterization by degree of polarization 74365
Lakshmi, B., Robinson, B.J., Cassidy, D.T. [001] interface anisotropy using degree of polarization [quantum wells] 94556
Lakshmi, C.S. *see* Cook, S.M. 112259
Lakshmi Narasimhan, V. *see* Comino, N. 98328
Lakshmi Narayana, J. *see* Deergha Rao, K. 68757
Lakshmikantham, V., Sen, S.K., Howell, G.W. Vectors versus matrices: p-inversion, cryptographic application, and vector implementation 82356
Lakshmikumar, K.R. *see* Friedman, V. 68155
Lakshminarasimha, C.S. *see* Ranga Swamy, P. 81128
Lakshminarayan *see* Das, V.D. 74279
Lakshminarayan, M. *see* Basu, K. 98920
Lakshminarayana, D. *see* Agarwal, A. 103823
Lakshminarayana, G., Raghunathan, A., Jha, N.k. Behavioral synthesis of fault secure controller/datapaths using aliasing probability analysis 93240
Lakshminarayana, V. *see* Hariharan, V.K. 76458
Lakshmy, B. *see* Krishnamoorthy, A. 60801
Lal, B.B., Bourez, A., Russak, M.A. Magnetic and recording properties of monolayer and multilayer thin-film media by using composite targets 64449
Lal, B.B., Yang, M.M., Chao, J., Russak, M.A. Asymmetric DC-magnetron sputtered carbon-nitrogen thin-film overcoat for rigid-disk applications 115760
Lal, B.B. *see* Yang, M.M. 115690
Lal, K. Structural characterization of semiconductor crystals by high resolution X-ray diffraction 106159
Lal, K. Information technology, international orientation and performance: a case study of electrical and electronic goods manufacturing firms in India 112721
Lal, K., Bhagavannarayana, G., Virdi, G.S. Study of damaged top layers of silicon crystals produced by BF_2^+ implantation by high resolution X-ray diffraction 105600
Lal, K., Niranjana, S., Goswami, N., Kuznetsov, G.F. Accurate determination of lattice mismatch between AlGaAs super-lattices and their GaAs substrates by high resolution X-ray diffractometry 105435
Lal, K. *see* Agarwal, A.K. 105597
Lal, K. *see* Niranjan, S. 105679
Lal, K. *see* Ramanan, R.R. 103827
Lal, K.B., Tulsi, A., Agarwal, D. Wireless personal communication. Challenges for a developing nation 99255
Lal, K.B. *see* Gadkari, D.B. 103829
Lal, M., Lanyi, P. The dislocation density dependence on the efficiency of CZ silicon solar cells 112417
Lal, P. *see* Tyagi, V.M. 76481
Lal, R., Sukeerthi, S., Dabke, R.B., Contractor, A.Q. Conducting polymers: novel materials for chemical and bio-sensors 119742
Lal, R. *see* Srinivasa Rao, M. 99885
Lal Chhagan *see* Chhagan Lal
Lala, J. *see* Burkhardt, L. 68338
Lala, J. *see* Heckathorn, J. 68339
Lala, P.K. *see* Busaba, F.Y. 61774
Lala, P.K. *see* Lai, K. 83048
Lalande, F., Chaudhry, Z., Fan-Ping Sun, Rogers, C.A. Debond detection using broad-band high-frequency excitation and non-contacting laser vibrometer system 82812
Lalande, M. *see* Armengaud, L. 96047
Lalande, P. *see* Baggio, J. 76027
Lalande, P. *see* Baggio, J. 107342
Lalande, P. *see* Rinaudo, O. 105915
Lalani, H. *see* Sharpe, R. 87680
Lalani, H. *see* Sharpe, R. 98657
Lalanne, P., Lemercier-Lalanne, D. On the effective medium theory of subwavelength periodic structures 107927
Lalanne, P. *see* Dupret, A. 62118
Lalanne, P. *see* Dupret, A. 75774
Lalanne, P. *see* Premont, G. 108492
Lalaude, C. *see* Buil, S. 76202
Lalayan, A.A. *see* Oganesyan, V.A. 80345
Lalazari, R. *see* Stolz, C.J. 106921
Lalbeharry, R. *see* Vachon, P.W. 120853
Lalgudi, H., Xiaoqiang Chen, Kumar, V. A generic software platform for local ATM networking 87590
Lalgudi, K.N., Papaefthymiou, M.C., Potkonjak, M. Optimizing systems for effective block-processing: the k-delay problem 82879
Lalic, N., Linnros, J. A porous silicon light-emitting diode with a high quantum efficiency during pulsed operation 96025
Lalic, N. *see* Linnros, J. 96016
Lalicker, L.E. *see* Sheffield, R.E. 120595
Laligant, O. *see* Goujou, E. 68932
Lalinsky, T., Osvald, J., Machajdik, D., Mozolova, Z., Sisolak, J., Constantinidis, G., Kobzev, A.P. High-temperature stable Ir-Al/n-GaAs Schottky diodes: effect of the barrier height controlling 63556
Lalinsky, T. *see* Darmo, J. 120154
Lalinsky, T. *see* Hascik, S. 115392
Lall, B.S., Guenin, B.M., Marrs, R.C., Molnar, R.J. Parametric FEA thermal model for QFP packages 103446
Lall, B.S. *see* Ortega, A. 103469
Lall, P., Rust, C.A., Xu-Ning Shan, Hakim, E.B. Computer aided design and reliability assessment of microelectronic packages 60601
Lalle, P.A. *see* Massof, R.W. 90619
Lallement, C. *see* Bucher, M. 115198
Lallement, G., Ramanitranja, A., Cogan, S. Optimal sensors deployment: applications to model updating problems 92636
Lalli, B.S. *see* Thandapani, E. 72681
Lallouz, R. *see* Lavi, R. 76187
Lally, C.H. *see* Smith, N.J.T. 80092
Lally, C.H. *see* Spooner, N.J.C. 100840
Lally, P. *see* Stalder, K.R. 112595
Lalonde, S. *see* Lanteigne, J. 81124
Laloya, E. *see* Artigas, J.I. 77106
Lalush, D.S., Tsui, B.M.W. Space-time Gibbs priors applied to gated SPECT myocardial perfusion studies 70064
Lalush, D.S., Tsui, M.W. The importance of preconditioners in fast Poisson-based iterative reconstruction algorithms for SPECT 90420
Lalush, D.S. *see* Gregoriou, G.K. 90422
Lam, B.C., Kellner, A.L., Yu, P.K.L., Sushchik, M.M., Abarbanel, H.D.I. Chaotic instabilities in modulated external cavity semiconductor lasers 75987
Lam, C.F., Yablonovitch, E. Multi-wavelength, optical code-division-multiplexing based on passive, linear, unitary, filters 88628
Lam, C.H., Lee, T.T. Fluid flow models with state-dependent service rate for data-handling systems 77714
Lam, C.P., West, G.A.W., Venkatesh, S. Determining camera-to-foveation point distance using active vision strategies 86651
Lam, C.P., Wu, J.K., Mehtre, B. STAR–a system for trademark archival and retrieval 87056
Lam, C.S., Stevens, D.S., Lane, D.J. SAW based frequency control products for modern telecommunication systems 99472
Lam, C.W., Sarkodie-Gyan, T., Campbell, A.W. In-process vision inspection of automobile components 87127
Lam, D. *see* Sharma, R. 99044
Lam, F.K. *see* Chan, F.H.Y. 104609
Lam, F.K. *see* Fung, K.S.M. 70111
Lam, F.K. *see* Leung, C.K. 98319
Lam, F.K. *see* Poon, P.W.F. 90503
Lam, F.M.K. *see* Tsuei, J.J. 70161
Lam, J. *see* Leung, H. 68848
Lam, J.C.S., Turner, L.F. The use of hop-delay for policing in a ATM networks 108753
Lam, K.L., Ten Haken, R.K. In phantom determination of collimator scatter factor 90591
Lam, K.P., Yuen, S.M. Time-range compatibility reasoning for asynchronous systems design 93490
Lam, K.P. *see* Ng, H.S. 104768
Lam, K.P. *see* Tong, C.W. 73005
Lam, L., Morin, R. Specification, performance, testing and qualification of extra-heavy-duty connectors for high-voltage applications 121211
Lam, L.T. *see* Hollenkamp, A.F. 112571
Lam, M.S. *see* Schmidt, B.K. 118596
Lam, N.T. *see* Scharer, J.E. 117092
Lam, P.-L. Transition to competition in Hong Kong's local telephone industry 118287
Lam, R. *see* Norem, J. 100593
Lam, S. *see* Sands, N.P. 73578
Lam, S.L.Y., Ahmad, I. A parallel genetic search algorithm for motion estimation 66863
Lam, S.S., Chow, S., Yau, D.K.Y. A lossless smoothing algorithm for compressed video 117857
Lam, S.S., Tang, K.W.C., Cai, X. Genetic algorithm with pigeon-hole coding scheme for solving sequencing problems 86046
Lam, S.S., Xie, G.G. Group priority scheduling 87360
Lam, S.S., Xie, G.G. Burst scheduling networks: flow specification and performance guarantees 117965
Lam, S.S. *see* Goyal, P. 118044
Lam, S.T.C., Bensaou, B., Tsang, D.H.K. Efficient estimation of cell loss probability in ATM multiplexers with a fuzzy logic system 108949
Lam, T. *see* Baggs, R.A. 98344
Lam, T. *see* Hoy, H.H. 70321
Lam, T. *see* Jian-Gang Zhu 64428
Lam, T.S., Chen, C.H., Yuen, K.S.Y. A new technique to recover the unknown motion of a single object using ego motion 86827
Lam, T.S. *see* Hajian, M. 97318
Lam, T.T., Luo, Y., Zhu, J.-G., Tong, H.-C., Rottmayer, R. Recording performance of submicron track width thin film heads 75220
Lam, T.T. *see* Yansheng Luo 64429
Lam, W.K.C., Brayton, R.K., Sangiovanni-Vincentelli, A.L. Valid clock frequencies and their computation in wavepipelined circuits 73270
Lam, Y. *see* Sung, C.Y. 116564
Lam, Y.L. *see* Sung, C.Y. 63079
Lam, Y.W. *see* Lo, V.C. 63247
Lam An *see* An Lam
Lam Cheung-Wei *see* Cheung-Wei Lam
Lam Chun-Wah *see* Chun-Wah Lam
Lam Kai-Pu *see* Kai-Pu Lam
Lam Kwok Leung *see* Kwok Leung Lam
Lam Kwok-Yan *see* Kwok-Yan Lam
Lam Pham Manh *see* Pham Manh Lam

Lam Tin *see* Tin Lam
Lam Wai Kit *see* Wai Kit Lam
Lam Wai-Man *see* Wai-Man Lam
Lam Wong Hing *see* Wong Hing Lam
Lam Yeeloy *see* Yeeloy Lam
Lam Yip Gar *see* Gar Lam Yip
Lam Yow Thim *see* Ng Boon Hwang 60432
LaMacchia, M. *see* Hallmark, J. 84533
Lamacraft, K. *see* Phillips, W.A. 62304
Lamagnere, P. *see* Bellet, D. 119893
Lamaignere, L., Carmona, F., Sornette, D. Experimental realization of critical thermal fuse rupture 104927
Lamaignere, L. *see* Modjtahedi, A. 113754
LaMaire, R.O., Krishna, A., Bhagwat, P., Panian, J. Wireless LANs and mobile networking: standards and future directions 98763
LaMaire, R.O., Zorzi, M. Correlation in diversity systems with Rayleigh fading, shadowing, and power capture 99193
Lamaison, R. *see* Cipolla-Ficarra, M. 102683
Laman, C.D. *see* Holman, A.E. 79383
Lamanna, E. *see* Barbarino, G.C. 80097
Lamar, M.V., Bermudez, J.C.M., Seara, R. Interframe image coding using quadtree for motion estimation 97446
Lamare, B., Benchimol, J.L., Ossart, P., Le Roux, G. CBE growth of InGaAs(P) alloys using TDMAAs and TBP 103875
Lamare, P. *see* Cribier, M. 110538
Lamarque, C.-H., Robert, F. Image analysis using space-filling curves and 1D wavelet bases 86354
Lamarre, J.M. *see* Mandolesi, N. 109844
Lamarre, L. Fish market lures utilities 121009
Lamarre, L., Morin, R. Partial discharge in medium voltage extruded cable joints 70959
Lamarre, L. *see* Robertson, C. 70907
Lamas Seco, J.J. *see* Rodriguez Gomez, B. 89392
Lamas Valverde, J. *see* Cerron Zeballos, E. 90141
LaMaster, K. *see* Tannehill, D. 98620
Lamb, H.C., Stefanakos, E.K., Smith, T., Krakow, B., Hernandez, C., Rodriguez, R., Kovac, M. Efficient photovoltaic charging of electric vehicles 71855
Lamb, J.E., III *see* Pavelchek, E.K. 105817
Lamb, K. *see* Brown, K.M. 65577
Lamb, K. *see* Gritten, M.P. 65162
Lamb, M.L. *see* Babik, J.J. 121242
Lamb, R.A. Single-longitudinal-mode, phase-conjugate ring master oscillator power amplifier using external stimulated-Brillouin-scattering Q switching 96704
Lamb, R.A., Damzen, M.J. Phase locking of multiple stimulated Brillouin scattering by a phase-conjugate laser resonator 96632
Lamb, R.H., Boos, D.D., Brownie, C. Testing for effects on variance in experiments with factorial treatment structure and nested errors 82301
Lamb, R.N. *see* Puchert, M.K. 92826
Lamba, C. *see* Zaciu, R. 108425
Lambadaris, I. *see* Changcheng Huang 118022
Lambadaris, I. *see* Sharon, C.M. 86712
Lambe, R.P. *see* Hartree, W.S. 89076
Lambeck, P.V. *see* Albers, H. 64739
Lambeck, P.V. *see* de Ridder, R.M. 64663
Lambeck, P.V. *see* Veldhuis, G.J. 85075
Lambelet, P., Feinberg, J. Phase of second-harmonic light self-generated on a glass fiber 96613
Lambers, E.S. *see* Hong, J. 74587
Lambers, E.S. *see* Lee, J.W. 74596
Lamberson, S. The airborne laser 111426
Lambert, A., Grainger, R.G., Remedios, J.J., Reburn, W.J., Rodgers, C.D., Taylor, F.W., Roche, A.E., Kumer, J.B., Massie, S.T., Deshler, T. Validation of aerosol measurements from the improved stratospheric and mesospheric sounder 120778
Lambert, A. *see* Dente, J.A. 67063
Lambert, B. *see* de Matos, C. 75726
Lambert, B. *see* Ponchet, A. 61292
Lambert, C.J. *see* Leadbeater, M. 105370
Lambert, D. *see* Bedouani, M. 62512
Lambert, G.D. *see* Convery, D.J. 90581
Lambert, H. *see* Matthys, L. 72680
Lambert, J. *see* Hongxu Chen 88040
Lambert, J.A., Vieira, J.B., Jr., de Freitas, L.C., Vilela, M.S., Farias, V.J. A boost PWM soft-single-switched converter without high stresses of voltage and current 71437
Lambert, J.F. *see* Xiying Hu 77602
Lambert, T.J., Saluja, K.K. Methods for dynamic test vector compaction in sequential test generation 93325
Lambert, W.E. *see* Han, Y.J. 117615
Lambert-Torres, G., Ribeiro, G.M., Costa, C.I.A., Alves da Silva, A., Quintana, V.H. Knowledge engineering tool for training for substation operators 121820
Lambert-Torres, G. *see* da Silva, L.E.B. 81589
Lamberti, C., Antolini, A., Bianchi, S., Castelli, A., Dellagiovanna, M. 4 K photoluminescence characterization of silicon implanted GaAs 84076
Lamberti, C. *see* Cavalcanti, S. 120415
Lamberti, N., Montero de Espinosa, F., Sanchez, S., Iula, A., Pappalardo, M. Two-dimensional modeling of multifrequency composites 106474
Lamberton, D. A telecommunications infrastructure is not an information infrastructure 77808
Lamberton, D.M. Infrastructure: a revisionist plea [telecommunications] 87556
Lambertson, G. *see* Barry, W. 100524
Lambertson, G. *see* Barry, W. 100607
Lambertson, G. *see* Heifets, S. 89624
Lambertz, J. *see* Klutz, H.-J. 81315
Lambeth, D.N., Velu, E.M.T., Bellesis, G.H., Lee, L.L., Laughlin, D.E. Media for 10 Gb/in.^{2} hard disk storage: issues and status 64423
Lambeth, D.N. *see* Chakraborty, A. 64260
Lambeth, D.N. *see* Jun Li 95825
Lambeth, D.N. *see* Laughlin, D.E. 106579
Lambeth, D.N. *see* Laughlin, D.E. 115604
Lambeth, D.N. *see* Li-Lien Lee 64436
Lambin, L.N., Levin, G.M. Constructing individual norms of geometric objects in their morphological analysis 108640
Lambkin, J.D. *see* Morrison, A.P. 76029
Lambrecht, A., Tschirschwitz, M., Grisar, R., Schiessl, U., Wolf, J., Lemke, D. Sub-threshold operated lead-salt lasers for calibration of IR-astronomy detectors 69246
Lambrecht, C.J.van den Branden *see* van den Branden Lambrecht, C.J.
Lambrecht, P. *see* Coppoolse, R. 93142
Lambrecht, W.R.L. *see* Rashkeev, S.N. 105470
Lambrinos, M. *see* Besland, M.P. 105499
Lambrinos, M.F., Valizadeh, R., Colligon, J.S. Effects of bombardment on optical properties during the deposition of silicon nitride by reactive ion-beam sputtering 92793
Lambropoulos, J.C., Chien-Hsing Wu Mechanics of shaped crystal growth from the melt 103825
Lambrozo, J. *see* Deschamps, F. 90626
Lamel, L. *see* Atal, B.S. 76869
Lamela, H., Carpintero, G., Acedo, P. Circuit modeling of coupled cavity semiconductor lasers 96369
Lamela, H. *see* Carpintero, G. 96347
Lamers, J.C. *see* Flipse, M.C. 106848
Lamey, D. *see* Dragon, C. 82965
Lamey, D. *see* Dragon, C. 83452
Lamey, D. *see* Ngo, D. 83496
Lami, J.-F., Gilliot, P., Hirlimann, C. Observation of interband two-photon absorption saturation in CdS 94362
Laming, R.I., Loh, W.H., Gu, X., Zervas, M.N., Cole, M.J., Ellis, A.D. Dispersion compensation with chirped fiber Bragg grating to 400 km at 10 Gbit/s in nondispersion-shifted fiber 78820
Laming, R.I. *see* Atkinson, D. 78713
Laming, R.I. *see* Atkinson, D. 85027
Laming, R.I. *see* Barcelos, S. 78797
Laming, R.I. *see* Barcelos, S. 84991
Laming, R.I. *see* Barcelos, S. 99591
Laming, R.I. *see* Lob, W.H. 99578
Laming, R.I. *see* Loh, W.H. 75863
Laming, R.I. *see* Loh, W.H. 78712
Laming, R.I. *see* Loh, W.H. 78943
Laming, R.I. *see* Loh, W.H. 88653
Laming, R.I. *see* Royset, A. 84998
Lamiroy, B., Gros, P. Rapid object indexing and recognition using enhanced geometric hashing 67225
Lamm, S.E., Reed, D.A., Scullin, W.H. Real-time geographic visualization of World Wide Web traffic 77965
Lammerink, T.S.J., Spiering, V.L., Elwenspoek, M., Fluitman, J.H.J., van den Berg, A. Modular concept for fluid handling systems. A demonstrator micro analysis system 74957
Lammerink, T.S.J. *see* Burger, J.F. 75260
Lammerink, T.S.J. *see* Imai, S. 115691
Lammermann, L. *see* Weinberger, K. 88299
Lammert, M.D. *see* Streit, D.C. 84344
Lammert, R.M., Forbes, D.V., Smith, G.M., Osowski, M.L., Coleman, J.J. InGaAs/GaAs quantum-well lasers with monolithically integrated intracavity electroabsorption modulators by selective-area MOCVD 65205
Lammert, R.M., Mena, P.V., Forbes, D.V., Osowski, M.L., Kang, S.M., Coleman, J.J. Monolithic integration of strained-layer InGaAs/GaAs/AlGaAs lasers with photodiodes by selective-area MOCVD 85322
Lammert, R.M., Smith, G.M., Hughes, S., Osowski, M.L., Jones, A.M., Coleman, J.J. MQW wavelength-tunable DBR lasers with monolithically integrated external cavity electroabsorption modulators with low-driving voltages fabricated by selective-area MOCVD 65000
Lammert, R.M. *see* Smith, G.M. 65204
Lammert, R.M. *see* Smith, G.M. 76004
Lammert, R.M. *see* Smith, G.M. 85469
Lammertsma, A.A. *see* Hermansen, F. 101205
Lamoen, D., Ballone, P., Parrinello, M. Electronic structure, screening, and charging effects at a metal/organic tunneling junction: a first-principles study 105456
Lamont, J. *see* Obessis, M. 101876
Lamont, M. *see* Bailey, R. 79964
Lamont, M. *see* Balhan, B. 79967
Lamont, M. *see* Brunner, O. 79953
Lamont, M. *see* Faugier, A. 79947
Lamont, M. *see* Faugier, A. 79948
Lamont, P.J. *see* Olivieri, D.A. 102578
Lamoree, J. *see* Dabbs, B. 70860
Lamothe, P. *see* Duret, M. 68683
Lamotte, J. *see* Eickmans, J. 62485
LaMotte, L.R. Some procedures for testing linear hypotheses and computing RLS estimates in multiple regression 92385
Lamouche, G., Lepine, Y. Ground-state energy of an exciton in a quantum-dot superlattice grown on a terraced substrate 105355
Lamouri, A., Wang, Y., Mearini, G.T., Krainsky, I.L., Dayton, J.A., Jr., Mueller, W. Electron emission observations from as-grown and vacuum-coated chemical vapor deposited diamond 83704
Lamouri, A., Yaxin Wang, Mearini, G.T., Krainsky, I.L., Dayton, J.A., Jr., Mueller, W. Electron emission observations from as-grown and vacuum-coated chemical vapor deposited diamond 74034
Lampaert, K., Gielen, G., Sansen, W. Analog routing for manufacturability 104260
Lampariello, P. *see* Baccarelli, P. 85938
Lampariello, P. *see* Baccarelli, P. 115857
Lampariello, P. *see* Di Nallo, C. 117021
Lampe, S., Germain, M., Soellner, J., Taudt, W., Evrard, R., Heuken, M. Electrical characterization of doped ZnSe-based heterostructures grown by MOVPE 74208
Lampe, U. *see* Meixner, H. 119783
Lampe, W. *see* Vanden Brooeck, W. 108934
Lampei, V.K. *see* Gorely, K.I. 116912
Lampel, M., Pellegrini, C., Zhang, R., Joshi, C., Fawley, W.M. An injector-prebuncher for a plasma electron accelerator 89679
Lampel, M. *see* Davis, P. 89606
Lampel, M. *see* Zhang, R. 89605
Lamphier, S. *see* Pilo, H. 73353
Lampinen, A. *see* Lhersonneau, G. 80145
Lampinen, J., Smolander, S. Self-organizing feature extraction in recognition of wood surface defects and color images 67424
Lampitt, R.S. *see* Krantz, E.P. 96789
Lampitt, R.S. *see* Krantz, E.P. 116772
Lampo, S.M. *see* Rand, J.A. 112358
Lampola, P., Perho, J., Saari, J. Electromagnetic and thermal design of a low-speed permanent magnet wind generator 91421
Lampropoulos, G.A. A new two-dimensional squint mode SAR processor 68555
Lamquin, M. *see* Froidure, J.-C. 68909
Lamquin, M. *see* Froidure, J.-C. 78834
Lamquin, M. *see* Megret, P. 78829
Lamrous, O., Gaouar, A., Yousfi, M. Zero-dimensional hybrid model for analysis of discharge excited XeCl lasers 65035
Lamture, J. *see* Eggers, M. 69338
Lamure, M. *see* Bounekkar, A. 86917
Lamy, P. *see* Llebaria, A. 77093
Lamzin, E. *see* Doinikov, N. 89963
Lan, C.H. *see* Qi, W.J. 82668
Lan, C.Y. *see* Yang, S.H. 105643
Lan, E.Y. *see* Staudinger, J. 93150
Lan, I.J. *see* Ahn, T.W. 114141
Lan, K. *see* Szymanski, J.J. 110589
Lan, K.-F. *see* Silver, A. 93198
Lan, K.J. *see* Chen, Y.K. 69865
Lan, K.T., Falkowski, B.J., Lee, S.-T. Current-mode CMOS quaternary max/min circuits 104449
Lan, S.D. *see* Donnelly, J.P. 64774
Lan, W.H. *see* Peng, C.K. 92720
Lan, Y. *see* Brown, N. 88900
Lan, Y. *see* Wei, C.J. 73695
Lan Bin *see* Zheng Qilun 61937
Lan Bo *see* Bo Lan
Lan Cui *see* Cui Lan
Lan Gao, Nakayama, J. Scattering of a plane wave from a thin film with volume disorder 116868
Lan Guoxiang *see* Guoxiang Lan
Lan Hong Xiang *see* Hong Xiang Lan
Lan Hu Tran *see* McMorrow, D. 70334
Lan Hu Tran *see* McMorrow, D. 74743
Lan Hu Tran *see* McMorrow, D. 106046
Lan Jian-Ming *see* Jian-Ming Lan
Lan Jun *see* Jun Lan
Lan Shao, Liren Liu, Guoqiang Li Optical intrinsically fuzzy mathematical morphology for gray-scale image processing 86890
Lan Shao, Liren Liu, Guoqiang Li Programmable fuzzy associative memory processor 95643
Lan Shao *see* Binquan Wang 117663
Lan Shao *see* Guoqiang Li 106895
Lan Shao *see* Liren Liu 85207
Lan Sun Luk, J.D. *see* Mamode, T. 97019
Lan Tang-Yuan *see* Tang-Yuan Lan
Lan Tao, Guan Hua, Zheng-Kang Shen Real-time IR image processing and tracking system 66898
Lan Tao *see* Guan Hua 66916
Lan Tao *see* Li Biao 120945
Lan Wang *see* Hinsch, E. 78133
Lan Wen-Chin *see* Wen-Chin Lan
Lan Zhang *see* Ji-Yuan Fan 102105
Lanagan, M.T. *see* Balachandran, U. 91234
Lanagan, M.T. *see* Fang, Y. 115901
Lanagan, M.T. *see* Goretta, K.C. 115908
Lanagan, M.T. *see* Hagen, M.R. 113537
Lanagan, M.T. *see* Johnson, D.F. 64583
Lanari, R., Fornaro, G., Riccio, D., Migliaccio, M., Papathanassiou, K.P., Moreira, J.R., Schwabisch, M., Dutra, L., Puglisi, G., Franceschetti, G., Coltelli, M. Generation of digital elevation models by using SIR-C/X-SAR multifrequency two-pass interferometry: the Etna case study 111161
Lanari, R. *see* Coltelli, M. 111083
Lanari, R. *see* Fornaro, G. 70456
Lanaro, A. *see* Agnello, M. 110583
Lanbo Zhou *see* Zhou Lanbo
Lanca, M.A. *see* Franca, N.E. 73067
Lancaster, C. *see* Hayward, T.D. 79878

Lancaster, M.J., Huang, F., Porch, A., Avenhaus, B., Jia-Sheng Hong, Hung, D. Miniature superconducting filters 93696
Lancaster, M.J. *see* De Melo, M.T. 93736
Lancaster, M.J. *see* Hong, J.S. 93706
Lancaster, M.J. *see* Powell, J.R. 62165
Lancee *see* Djoa, K.K. 70037
Lancee, C.T. *see* Bom, N. 87068
Lancee, C.T. *see* Li, W. 90471
Lancefield, D. *see* Hosea, T.J.C. 62894
Lanceri, L. *see* Alvsvaag, S.J. 90124
Lanchares, J., Sanchez, J.M., Garnica, O. Area optimization for multilevel logic using the simulated annealing algorithm 93212
Lancho, M. *see* Hernanz, M.L. 66159
Lancia, M. *see* Draoli, M. 118452
Lancini, R. *see* Bagni, D. 68880
Lancis, J. *see* Tajahuerce, E. 108646
Lancker, L.van *see* van Lancker, L.
Lancon, E. *see* Mours, B. 120196
Lancto, R. *see* Iseler, G. 92680
Land, D.V. Medical microwave radiometry and its clinical applications 80370
Landau, B.V., West, M. Determination of the 50% probability zone for an acoustic source-locating system operating in the ground plane 69580
Landau, D. Privatization: a strategic management perspective 87533
Landau, D.P., Pal, S. Monte Carlo simulation of simple models for thin film growth by MBE 61236
Landau, H., Vollath, U. Differential GPS: new developments on high precision positioning with on-the-fly ambiguity resolution 79046
Landau, J. The effect of multi-media communication on jurisdiction and enforcement 67915
Landau, J. Multimedia communication: jurisdiction and enforcement issues 67926
Landau, M.R. *see* Quintian, F.P. 79695
Landauer, R. The physical nature of information 86025
Landauer, R. Minimal energy requirements in communication 97406
Landauer, R. Need for critical assessment 103529
Landberg, L. Implementing wind forecasting at a utility 102566
Lande, K. *see* Elliott, S.R. 80104
Lande, T.S., Ranjbar, H., Ismail, M., Berg, Y. An analog floating-gate memory in a standard digital technology 62074
Lande, T.S. *see* Marienborg, J.-T. 104756
Lande, T.S. *see* Naess, S. 104731
Lander, E. *see* Louge, M. 69449
Lander, L. *see* Wallage, S. 83412
Lander, M.L. *see* Johnson, R.O. 107459
Landers, G. Special purpose processor speeds up DSP functions 61953
Landers, K.M.I. *see* Cotta, M.A. 103948
Landers, R. *see* Cotta, M.A. 103948
Landers, R. *see* Morais, J. 63117
Landers, R. *see* Sacilotti, M. 94476
Landers, R.J. *see* Gallia, J.D. 61735
Landes, H. *see* Kaltenbacher, M. 101612
Landes, H. *see* Lerch, R. 110101
Landes, T. Load management using pole mounted RTUs 70744
Landesberger, C. *see* Bollmann, D. 94813
Landesberger, C. *see* Haberger, K. 84601
Landgev, I.N. Constructions of group divisible designs 92371
Landgrebe, D.A. *see* Tadjudin, S. 111145
Landgrebes, D.A. *see* Benediktsson, J.A. 111091
Landgren, G. *see* Boury, P. 94810
Landheer, D., Tao, Y., Hulse, J.E., Quance, T., Xu, D.-X. Formation of high-quality nitrided silicon dioxide films using electron-cyclotron resonance chemical vapor deposition with nitrous oxide and silane 61407
Landheer, D. *see* Xia, H. 114705
Landi, C. *see* Avallone, F. 112472
Landi, C. *see* Bucci, G. 71350
Landi, C. *see* Bucci, G. 110449
Landi, C. *see* Bucci, G. 111697
Landi, L. *see* Corridoni, J.M. 67455
Landi, R. *see* Balestrino, A. 98357
Landi, S. *see* Bagni, D. 68880
Landin, S.M. *see* Haun, M.J. 115452
Landinger, C.C., McAuliffe, J.W., Clapp, A.L., Dagenhart, J.B., Thue, W.A. Safety considerations of aerial systems using insulated and covered wire and cable 121196
Landinger, C.C. *see* Clapp, A.L. 121195
Landini, G. *see* Dal Fiume, D. 101038
Landini, G. *see* Dusi, W. 90174
Landini, L. *see* Santarelli, M.F. 101296
Landis, D. *see* Hamad, M. 106165
Landis, D.A. *see* Cork, C.P. 80072
Landis, D.A. *see* Cork, C.P. 92254
Landis, D.A. *see* Goulding, F.S. 100958
Landis, D.L. *see* Athan, S.P. 106202
Landjev, I. *see* Baartmans, A. 76716
Landman, P., Mehra, R., Rabaey, J.M. An integrated CAD environment for low-power design 62046
Landman, P.E., Rabaey, J.M. Activity-sensitive architectural power analysis 73044
Landmark, U., Hane, B. Experimental evaluation of multi-purpose short range communication link at 63 GHz 99247
Landolsi, M.A., Stark, W.E. DS-CDMA chip waveform design for optimal power-bandwidth performance 87384
Landolsi, M.A., Veeravalli, V.V., Jain, N. New results on the reverse link capacity of CDMA cellular networks 118961
Landolt, D. Electrochemical engineering aspects of microfabrication 63995
Landolt, O. Low-power analog fuzzy rule implementation based on a linear MOS transistor network 62112
Landolt, O. Arbitrary non-linear functions synthesis in analog CMOS technology 84599
Landolt, O. Analog nonlinear function synthesis 113834
Landolt, O. *see* Venier, P. 79414
Landoni, V. *see* Balzarotti, A. 120138
Landoni, V. *see* Barabanov, I.R. 110568
Landousies, B., Georges, T., Delevaque, E., Lebref, R., Monerie, M. Low power transient in multichannel equalised and stabilised gain amplifier using passive gain control 119138
Landrac, G. *see* Cousin, P. 66083
Landrac, G. *see* Mellouet, B. 66088
Landrault, C. *see* Cavallera, P. 73217
Landrault, C. *see* Cremoux, S. 104426
Landrault, C. *see* Lavabre, S. 61842
Landreau, J. *see* Delorme, F. 96402
Landreau, J. *see* Nakajima, H. 88560
Landreau, J. *see* Ougier, C. 96404
Landrichter, H. *see* Gockner, L. 121381
Landrum, D.B. *see* Pearson, J.B. 111067
Landrum, M.T. Video thermometer and humidity indicator 69379
Landry, C.E. *see* Reed, M.D. 81065
Landry, G.D., Maldonado, T.A. Ray tracing through a two ball uniaxial lens system in a single mode fiber-to-fiber coupler 64719
Landry, J. *see* Price, C.J. 104280
Landry, M.D. *see* Tsuo, Y.S. 103001
Landry, P. *see* Beaudin, G. 79100
Landry, R. *see* Lang, R.H. 111323
Landsberg, A.S. *see* Friedman, E.J. 60788
Landsberg, E.G. *see* Kagan, M.S. 114590
Landsberger, L.M., Naseh, S., Kahrizi, M., Paranjape, M. On hillocks generated during anisotropic etching of Si in TMAH 74574
Landsberger, L.M. *see* Paranjape, M. 88990
Landstorfer, F. *see* Gschwendtner, B. 107921
Landstorfer, F.M. *see* Christ, J. 117002
Landstorfer, F.M. *see* Gschwendtner, B.E. 99162
Landstorfer, F.M. *see* Jakobus, U. 65773
Landstorfer, F.M. *see* Ruoss, H.-O. 120558
Landuyt, J.Van *see* Van Landuyt, J.
Landver, A. *see* Beer, I. 83081
Landwehr, G. *see* Bacher, G. 62895
Landwehr, G. *see* Baeume, P. 74199
Landwehr, G. *see* Becker, C.R. 74443
Landwehr, G. *see* Behr, T. 72790
Landwehr, G. *see* Dorozhkin, S.I. 105297
Landwehr, G. *see* Eisert, D. 75948
Landwehr, G. *see* Fischer, F. 94721
Landwehr, G. *see* Hellmann, R. 74401
Landwehr, G. *see* Hoffmann, A. 62803
Landwehr, G. *see* Hoffmann, A. 74210
Landwehr, G. *see* Hommel, D. 75944
Landwehr, G. *see* Jakobs, A. 75954
Landwehr, G. *see* Jobst, B. 74155
Landwehr, G. *see* Kurtz, E. 74207
Landwehr, G. *see* Litz, M.T. 74160
Landwehr, G. *see* Litz, T. 64913
Landwehr, G. *see* Lugauer, H.J. 94718
Landwehr, G. *see* Oehling, S. 74240
Landwehr, G. *see* Scholl, S. 62714
Landwehr, G. *see* Schull, K. 96328
Landwehr, G. *see* Shen, J.X. 74406
Landwehr, G. *see* Spahn, W. 72788
Landwehr, G. *see* Spahn, W. 92745
Landwehr, G. *see* Stuehler, J. 74405
Landwehr, G. *see* Waag, A. 92708
Landwehr, G. *see* Wenisch, H. 74154
Landwehr, G. *see* Worschech, L. 94348
Landwehr, G. *see* Yakovlev, D.R. 62885
Landy, C. *see* Gaylard, A. 121422
Landy, C.F. *see* Acar, H.G. 102664
Landy, C.F. *see* Cruise, R.J. 81585
Landy, C.F. *see* Cruise, R.J. 102874
Landy, C.F. *see* de Freitas, J.F.G. 102700
Landy, C.F. *see* de Freitas, J.F.G. 111966
Landy, C.F. *see* Kleinhans, C.E. 103083
Landy, C.F. *see* Le Roux, B.T. 103206
Landy, C.F. *see* Muller, G.H. 81473
Landy, C.F. *see* Muller, G.H. 102698
Landy, C.F. *see* Rohde, M.A. 91466
Landy, C.F. *see* Rohde, M.A. 102699
Lane, A.M. *see* Greaves, S.J. 115471
Lane, B. *see* Levy, R.P. 110882
Lane, C. *see* Reddy, S. 113855
Lane, D.A. *see* Kenwright, D.N. 90199
Lane, D.J. *see* Lam, C.S. 99472
Lane, D.M., Chantler, M.J., Dai, D.Y., Williams, N. Motion estimation and tracking of multiple objects in sector scan sonar using optical flow 68739
Lane, D.M. *see* Chantler, M.J. 88721
Lane, G.N. *see* Goodwin, D. 111774
Lane, I.E. *see* Delport, G.J. 103204
Lane, I.E. *see* Delport, G.J. 103209
Lane, I.E. *see* Delport, G.J. 112648
Lane, I.E. *see* Roos, J.G. 101832
Lane, I.E. *see* Van Harmelen, G.L. 101951
Lane, I.E. *see* Van Harmelen, G.L. 102011
Lane, J.A., Adler, S., Middleton, P.H., Steele, B.C.H. Polarisation behaviour of mixed conducting perovskite cathode materials 81809
Lane, P.A. *see* Greenham, N.C. 75764
Lane, P.M. *see* Roberts, G. 90696
Lane, R.G. Methods for maximum-likelihood deconvolution 117627
Lane, R.G. *see* Bainbridge-Smith, A. 67041
Lane, R.G. *see* Law, N.F. 86963
Lane, S.N. *see* Bailey, J.D. 79921
Lane, S.N. *see* Meigs, M.J. 79886
Lane, W. *see* Garde, A. 69067
Lane, W. *see* Kelleher, A. 90645
Lane, W. *see* Kelleher, A. 110603
Lane, W. *see* O'Connell, B. 80021
Lane, W. *see* O'Connell, B. 110606
Lane, W.A. *see* Murray, A.F.J. 63447
Lane, W.A. *see* Murray, A.F.J. 63834
Laneve, T. *see* Hien Do-Ky 62247
Lanford, W.A. *see* Ke-Ming Wang 85038
Lanfranchi, C. *see* De Lucia, M. 111793
Lanfranchi, M. *see* Codino, A. 69860
Lang, C. *see* Aller, I. 89027
Lang, D. *see* Deis, G. 106719
Lang, D. *see* Thomassen, K. 64565
Lang, D.D., Geier, D.P., Shultz, B.L. Butt weld inspection and weld machine diagnostic system for continuous coil processing lines 103417
Lang, H. *see* Klotz, G. 87765
Lang, H.P., Erler, B., Rossberg, A., Piechotka, M., Kaldis, E., Guntherodt, H.-J. Layer-by-layer etching of HgI_2 films and crystals by scanning force microscopy 63339
Lang, H.P. *see* Ivanshin, V.A. 75319
Lang, J. *see* Zhou, Z.-L. 110536
Lang, K.-D. Wire bonding for future requirements 114458
Lang, L. *see* Sands, N.P. 73578
Lang, M. External-cavity designs satisfy stringent demands 85547
Lang, M., Isaac-Smith, T., Tin, C.C., Williams, J.R. Ni, Al and Ti Schottky diodes and their electrical characterization on 6H-SiC 105883
Lang, M., Selesnick, I.W., Burrus, C.S. Constrained least squares design of 2-D FIR filters 66820
Lang, M. *see* Bangert, A. 83495
Lang, M. *see* Selesnick, I.W. 97719
Lang, O., Klein, A., Pettenkofer, C., Jaegermann, W., Chevy, A. Band lineup of lattice mismatched InSe/GaSe quantum well structures prepared by van der Waals epitaxy: absence of interfacial dipoles 114767
Lang, R., Spray, A., Somani, A. Performance/area trade-offs in tree-based VLSI architectures for the two-dimensional wavelet transform 93398
Lang, R.H., Landry, R. Forest backscatter modeling: simulation versus discrete random media approach 111323
Lang, R.H. *see* Kilic, O. 111214
Lang, R.H. *see* Ranson, K.J. 120895
Lang, R.H. *see* Torrico, S.A. 116883
Lang, R.J., Shum, F., Harnagel, G., Parke, R., O'Brien, S., Major, J.M., Mehuys, D.G., Craig, R.R., Welch, D.F., Scifres, D.R. Advances in high power fiber coupled laser diodes 75995
Lang, R.J. *see* Balakrishnan, A. 96647
Lang, R.J. *see* Dzurko, K.M. 65310
Lang, R.J. *see* Sanders, S. 65110
Lang, R.J. *see* Sanders, S. 65502
Lang, R.J. *see* Verdiell, J.-M. 109610
Lang, S.R. *see* Moore, J.R. 100217
Lang, T., Chen, X.H. BER analysis using co-channel interference statistics in a CDMA system with a dual-finger correlator 99128
Lang, T., Wong, R. "Best possible" upper bounds for the first two positive zeros of the Bessel function $J_v(x)$: the infinite case 72606
Lang, T. *see* Bruguera, J.D. 104594
Lang, T. *see* Bruguera, J.D. 113894
Lang, T. *see* Buhl, D. 113539
Lang, T. *see* Chen, X.H. 98426
Lang, T. *see* Chen, X.H. 118039
Lang, Th. *see* Izquierdo, R. 92927
Lang, W. Silicon microstructuring technology 115390
Lang, W., Steiner, P. Porous silicon technology for thermal sensors 84641
Lang, W. *see* Guha, S. 94258
Lang, W. *see* Kozlowski, F. 83686
Lang, W. *see* Kozlowski, F. 94276
Lang, W. *see* Kozlowski, F. 96042
Lang, W. *see* Steiner, P. 94275
Lang Jan *see* Xianyang Zhu 97044
Lang Jen *see* Xianyang Zhu 62231
Lang Tong, Rueywen Liu A closed-form identification of multichannel moving average processes by ESPRIT 76922
Lang Tong *see* Shiyu Zeng 117120
Lang Tong *see* Shiyu Zeng 117923
Lang Tong *see* Zeng, H.H. 76991
Lang Weichuan Analysis of present situation for new types of equipments used in urban distribution system 111598
Lang-Ru Li *see* Qi-Shuang Ma 107772
Langan, J., Maroulis, P., Ridgeway, R. Strategies for greenhouse gas reduction 82352
Langan, J.G., Beck, S.E., Felker, B.S., Rynders, S.W. The role of diluents in electronegative fluorinated gas discharges 61349

Langbein, I. *see* Aggarwal, M.M. 69839
Langbein, J. *see* Drescher, P. 105007
Langbein, W., Luerssen, D., Kalt, H., Braun, W., Ploog, K. Anisotropic quantum boxes in corrugated superlattices 83950
Langdale, J.V. Social and economic perspectives on Australia's communications future 77809
Langdon, G., Jr. *see* Wittenbrink, C.M. 70542
Langdon, H.S. *see* Luebbers, R.J. 85961
Lange, B.de *see* de Lange, B.
Lange, D.J.De *see* De Lange, D.J.
Lange, E. *see* Goudail, F. 117827
Lange, F.De *see* De Lange, F.
Lange, F.F. *see* Zhao, L. 75037
Lange, G.de *see* de Lange, G.
Lange, H. Semiconducting transition metal silicide films–preparation, properties and possible applications 62778
Lange, H. *see* Tomm, Y. 74314
Lange, K., Grigull, S., Harz, M., Kreissig, U., Schmidt, B. Ion drift behaviour in borosilicate glasses during anodic bonding to silicon or metals 63204
Lange, K. *see* Fessler, J.A. 90424
Lange, M., Gross-Thebing, A., Knothe, K., Stiebler, M. Simulating the traction drive of a locomotive in the development of an adhesion controller 71824
Lange, M.de *see* de Lange, M.
Lange, P. *see* Wenk, B. 74983
Lange, P. *see* Wenk, B. 84664
Lange, R., Junge, K.E., Zollner, S., Iyer, S.S., Powell, A.P., Eberl, K. Dielectric response of strained and relaxed $Si_{1-x-y}Ge_xC_y$ alloys grown by molecular beam epitaxy on Si(001) 114672
Lange, W.de *see* de Lange, W.
Lange, Yu.V., Voropaev, S.I., Muzhitskii, V.F., Lapshin, V.S., Sidorenko, A.S., Igonin, M.A., Pavlynchenkov, N.F. Spectral analysis in low-frequency acoustic flaw detectors 113600
Langelaar, M.H. *see* Breeman, M. 61237
Langemeyer, A. *see* Detering, M. 121384
Langemeyer, A. *see* Detering, M. 121394
Langenbach, E., Heimbeck, H.-J. High-power diode laser collimators 116594
Langenbach, E. *see* Blattner, P. 88605
Langenbacher, H., Zee, F., Daud, T., Thakoor, A. Radiation behavior of analog neural network chips 104757
Langenbeck, B., Breitenberger, G., Gaiser, H., Klos, F., Moritz, G., Zweig, K. The magnets and power supplies of the GSI beam scanning system for heavy ion cancer therapy 101415
Langenbeck, B. *see* Moritz, G. 100645
Langendorfer, H. *see* Quan Sun 117973
Langenheder, W., Pordesch, U. Security and confidence in communication technology 108907
Langenhove, L.van *see* van Langenhove, L.
Langer, D. An integrated MMW radar system for outdoor navigation 79007
Langer, D.W. *see* Dong-Oh Lee 69426
Langer, J.M. *see* Mochizuki, Y. 114980
Langer, M.S. *see* Stewart, A.J. 86409
Langer, R. *see* Ulmer-Tuffigo, H. 76079
Langer, T. *see* Heymann, P. 114273
Langerak, C.J.G.M. *see* Ciesla, C.M. 105348
Langerak, C.J.G.M. *see* Heiss, W. 62960
Langerak, C.J.G.M. *see* Murdin, B.N. 62856
Langevelde, H.J.van *see* van Langevelde, H.J.
Langevelde, R.Van *see* Van Langevelde, R.
Langevin, M. *see* Tahar, S. 98380
Langford, N. *see* Gloag, A. 65091
Langford, R.M. Clinical applications of cerebral monitoring 110877
Langford, S.K. Weaknesses in some threshold cryptosystems 97494
Langham, C.D. *see* Gallop, J.C. 62166
Langham, C.W., Botman, A.M., Alfoldi, T. From surfer to scientist: designing a Canadian remote sensing service for the Internet audience 111111
Langhans, K. *see* Bahr, D. 89243
Langhe, P.De *see* De Langhe, P.
Langhoff, H. *see* Feurer, T. 104182
Langhoff, H. *see* Neeser, S. 116304
Langi, A., Kinsner, W. Consonant characterization using correlation fractal dimension for speech recognition 76856
Langi, A., Kinsner, W. Compression of aerial ortho images based on image denoising 86758
Langkau, R. *see* Albers, D. 69756
Langkau, R. *see* Ban, J. 69810
Langlais, F. *see* Ganz, M. 61406
Langlais, F. *see* Josiek, A. 61388
Langland, J.K. *see* Lindstrom, R.M. 80135
Langlet, J.P., Duval, P.E., Menet, O. SODEXPERT: A secondary system chemistry expert system in the control room: feedback of a test in operating conditions 91305
Langley, A.J. *see* Cain, N. 74380
Langley, J.D.S., Hall, P.S., Newham, P. Balanced antipodal Vivaldi antenna for multi-octave bandwidth phased arrays 66128
Langley, L.E. Specific emitter identification (SEI) and classical parameter fusion technology 70581
Langley, R.B. *see* Collins, J.P. 68774
Langley, R.J. *see* Batchelor, J.C. 108023
Langley, R.J. *see* Sobhy, M.I. 66111
Langli, B. *see* Ostling, D. 116059
Langlotz, C. *see* Horii, S. 111010
Langlotz, C. *see* Kundel, H.L. 111008
Langlotz, C. *see* Redfern, R. 110723
Langlotz, C.P., Kundel, H.L., Brikman, I., Pratt, H.M., Redfern, R.R., Horii, S.C., Schwartz, J.S. The effect of PACS/CR on cost of care and length of stay in a medical intensive care unit 111011
Langman, R. *see* Ho, S.Y.S. 81459
Langman, R.A. *see* Sablik, M.J. 75118
Langmann, U. *see* Kromat, O. 76747
Langmann, U. *see* Pregardier, B. 104722
Langnau, L. Good things come in small packages 121523
Langnau, L.C. Are switched-reluctance motors for you? 91469
Langnickel, U. 1.5-MW fuel-cell heat and power station 71207
Langouche, G. *see* Wu, M.F. 63262
Langouche, G. *see* Wu, M.F. 113445
Langovsky, N., Elbuluk, M., Kankam, M.D. Optimized switching sequence for snubberless operation of bilateral MCT switches in AC resonant link converters 121714
Langrez, D., Delos, E., Salmer, G. Modelling of 0.15 μm dual gate PM-HEMTs by using experimental extraction 62268
Langrez, D. *see* Allam, R. 83525
Langru Li *see* Jiazheng Lu 102665
Langru Li *see* Yu, H.T. 107791
Langsford, P.A. *see* Farina, A. 101655
Langston, D. A high speed, segmented, SRAM based FPGA architecture for the masses 61750
Langston, J.Leland *see* Leland Langston, J.
Langston, M. *see* Arodzero, A. 80036
Langton, S. *see* O'Malley, C. 118527
Languillat, J.C. *see* Cribier, M. 110538
Langvad, N. *see* Linderoth, S. 121865
Langworthy, J.B. The effects of critical charge variance on space upset rate 120615
Langxing Chen *see* Chen Langxing
Lanham, J. *see* Larimer, J. 100197
Lanier, N.C. *see* Pittman, D.N. 70613
Lanig, P. *see* Rupp, R. 103994
Lanitis, A. *see* Cootes, T.F. 108413
Lanitis, A. *see* Edwards, G.J. 117905
Lankalapalli, K.N., Tu, J.F., Gartner, M. A model for estimating penetration depth of laser welding processes 96855
Lanken, P.N. *see* Redfern, R. 110723
Lankes, S. *see* Reisinger, T. 72774
Lankester, C.M. *see* Britten, P.D. 88173
Lankhorst, G.J. *see* Harlaar, J. 120280
Lankl, B., Friederichs, K.J. Digital timing phase detector for CPM schemes with coherent or differential detection 76702
Lanmuller, H. *see* Thoma, H. 120534
Lann, A.F., Deutsch, M., Golub, J.E., Cohen, A. Kerr lens mechanism in a waveguide laser 116456
Lannes, A. *see* Martin-Neira, M. 111288
Lanni, F. *see* Kontoyannis, N.S. 98283
Lanni, F. *see* Krishnamurthi, V. 98282
Lannigan, D., Skolnick, D. Integrating DSP services and Windows applications 97748
Lannin, J.S. *see* Lopinski, G.P. 114581
Lannoye, G. *see* Jongen, Y. 101424
Lanois, F., Lassagne, P., Planson, D., Locatelli, M.L. Angle etch control for silicon carbide power devices 84127
Lansing, F. *see* Gedney, S. 93753
Lansing, F.S. *see* Gedney, S. 93904
Lanson, H. *see* Essers, M. 70218
Lanteigne, J., Lalonde, S., de Tourreil, C. Optimization of stresses in the end-fittings of composite insulators for distribution and transmission lines 81124
Lanteri, S. Parallel solutions of compressible flows using overlapping and non-overlapping mesh partitioning strategies 113260
Lanterman, A.D., Miller, M.I., Snyder, D.L. Representations of thermodynamic variability in the automated understanding of FLIR scenes 86936
Lanterman, A.D., Miller, M.I., Snyder, D.L. Implementation of jump-diffusion algorithms for understanding FLIR scenes 98277
Lanting Zhang *see* Zhang Lanting
Lantoine, E. *see* Clesca, B. 68377
Lantto, E., Antila, M. Active magnetic bearings for high-speed machines 91435
Lantto, J. Towards a global cellular service 68244
Lantto, V. *see* Rantala, T.S. 83865
Lantz, E. *see* Devaux, F. 86944
Lantz, G., Holub, M., Ryding, E., Rosen, I. Simultaneous intracranial and extracranial recording of interictal epileptiform activity in patients with drug resistant partial epilepsy: patterns of conduction and results from dipole reconstructions 110824
Lantz, L., II Soft errors induced by alpha particles 83112
Lanyi, P. *see* Lal, M. 112417
Lanyi, S. *see* Picotto, G.B. 69078
Lanyi, S. *see* Picotto, G.B. 79334
Lanying Lin *see* NuoFu Chen 113374
Lanz, E., Pugin, A., Green, A., Horstmeyer, H. Results of 2- and 3-D high-resolution seismic reflection surveying of surficial sediments 70432
Lanza, A. *see* Autiero, D. 69815
Lanza, A. *see* Autiero, D. 80006
Lanza, R.C., Shi, S., McFarland, E.W. A cooled CCD based neutron imaging system for low fluence neutron sources 80354
Lanza, R.C., Shi, S., McFarland, E.W. A cooled CCD based neutron imaging system for low fluence neutron sources 100870
Lanzafame, R. *see* Rizzotto, G. 71034
Lanzerotti, L.D., St. Amour, A., Liu, C.W., Sturm, J.C., Watanabe, J.K., Theodore, D. Si/$Si_{1-x-y}Ge_xC_y$/Si heterojunction bipolar transistors 84315
Lanzerotti, M.Y., Schirmer, R.W., Gaeta, A.L. High-reflectivity, wide-bandwidth optical phase conjugation via four-wave mixing in potassium vapor 96722
Lanzerotti, M.Y., Schirmer, R.W., Gaeta, A.L. Optical phase conjugation with very weak continuous-wave signals 116672
Lanzetta, A.P. *see* Deutsch, A. 62454
Lanzetta, M. Stereo vision 117704
Lanzi, A. *see* Tonelli, M. 96167
Lanzieri, C. *see* Alietti, M. 120150
Lanzieri, C. *see* Nava, F. 80028
Lanzieri, C. *see* Nava, F. 100869
Lanzillotto, A., Amabile, M., Tzong-Shyng Leu, Sawicki, M., Wildes, R. Real-time, 3D microimaging, visualization and analysis of fluid transport in microelectromechanical systems 69571
Lanzoni, J.A. An integrated lightning protection system 70974
Lanzoni, J.A. The impact of lightning on power quality 91228
Lanzoni, M. *see* Selmi, L. 63671
Lao, R., Czajkowski, D. Magnetoresistors for automobile detection and traffic control 79324
Lao, Z., Berroth, M., Hurm, V., Ludwig, M., Bronner, W., Schneider, J. Monolithic 10 channel 10 Gbit/s amplifier array using 0.3 μm AlGaAs/GaAs-HEMTs 104353
Laopoulos, T., Papageorgiou, C. Microcontroller-based measurement of angular position, velocity and acceleration 109992
Laopoulos, T. *see* Papazoglou, C. 62086
Laopoulos, T. *see* Zachos, N. 68045
Lap-Pui Chau, Wan-Chi Siu Transform domain recursive algorithm to compute discrete cosine and sine transforms 61129
Lap-Tak Cheng *see* Sze Keung Lor 76122
Lapadatu, D., De Cooman, M., Puers, R. A double-sided capacitive miniaturized accelerometer based on photovoltaic etch-stop technique 88988
LaPadula, C.A., Levy, H. Customer delay in very large multi-queue single-server systems 108819
Lapanik, V.I. *see* Bezborodov, V.S. 75601
Laparra, O. *see* McGahan, W.A. 115078
Lapatovich, W.P. *see* Butler, S.J. 71880
Lapaugh, A.S. Layout algorithms for VLSI design 93027
Lapaul, S., de Lustrac, A., Bouillault, F. Solving the Poisson's and Schrodinger's equations to calculate the electron states in quantum nanostructures using the finite element method 63010
LaPedus, M. Motherboards smarten-up 93487
LaPedus, M. Set-top madness [set-top box marketing] 119402
Lapenta, G. *see* Brackbill, J.U. 114494
Lapeyre, G.J. *see* Polyakov, V.M. 94366
Lapides, J. *see* Turpin, T. 76285
Lapides, J. *see* Woodford, P. 117726
Lapidoth, A. On the role of mismatch in rate distortion theory 66191
Lapidoth, A. Mismatched decoding and the multiple-access channel 97547
Lapidoth, A. Nearest neighbor decoding for additive non-Gaussian noise channels 97551
Lapierre, L. *see* Zoyo, M. 82948
Lapierre, L. *see* Zoyo, M. 93908
LaPierre, R.R., Robinson, B.J., Thompson, D.A. Improved structural and optical properties of InGaAsP grown on InP by ECR plasma-assisted epitaxy 103895
Lapin, G.D. The EMF to BBB connection 90637
Lapin, S. *see* Petrov, V. 85161
Lapin, V. *see* Ajinenko, I. 90197
Lapina, N.V. *see* Sverdlov, V.Ya. 95419
Lapina, T.P. *see* Popov, A.G. 106624
Lapitskaya, I. *see* Vystavkin, A. 75349
Lapitskaya, I. *see* Vystavkin, A. 110341
Lapitskii, V.A. *see* Semashko, A.N. 108642
Lapkiewicz, Z. *see* Brzezinski, K.M. 99020
Lapo, L.M. *see* Vasiliev, A.S. 116327
Lapointe, D. *see* Lecomte, R. 90351
Lapointe, D. *see* Lecomte, R. 90426
Lapointe, J. *see* Mason, L.G. 87292
LaPointe, M.A. *see* Zhang, T.B. 110515
Lapointe, S. *see* Siegler, S. 80193
Lapone, A. *see* Padmanabhan, K. 77598
Laporta, P. *see* Taccheo, S. 65125
Laporte, A., Benamara, M., Sarrabayrouse, G., Rocher, A., Lescouzeres, L., Peyrelavigne, A., Claverie, A. Misorientation induced defects at silicon bonding interfaces: structural and electrical investigations 63202
Laporte, B., Takorabet, N., Vinsard, G. The optimal supply of linear induction motors 102759
Laporte, B. *see* Dufour, S. 71280
Laporte, B. *see* Dufour, S. 111924
Laporte, B. *see* Ibtiouen, R. 91491
Laporte, B. *see* Vinsard, G. 111937
Laporte, G. *see* Osman, I.H. 82450
Laporte, R.E. *see* Aaron, D.J. 101044
Lapostolle, P., Lombardi, A.M., Tanke, E., Valero, S., Garnett, R.W., Wangler, T.P. A modified

space charge routine for high intensity bunched beams 120041
Lapostolle, P.M. Introduction to RF linear accelerators (linacs) 69617
Lapovok, A.Ya. *see* Vishnevskii, A.M. 96875
Lapp, J.C., Moffatt, D.M., Dumbaugh, W.H., Bocko, P.L., Anma, M. A new substrate for advanced flat-panel-display applications 89448
Lappalainen, R. *see* Majanne, Y. 109988
Lappin, J.S. *see* Koenderink, J.J. 117683
Lapraz, D. *see* Benabdesselam, M. 110987
Lapraz, D. *see* Goyet, D. 101467
Lapreste, J.-T. *see* Braud, P. 67301
Lapreste, J.T. *see* Delherm, C. 67300
Laprus, W. *see* Danicki, E. 106364
Lapshin, A.L. Nuclear power in Russia: status and prospects 111737
Lapshin, A.N. *see* Belyaev, V.V. 106871
Lapshin, K.L. Optimizing the flow paths of modernized steam turbines 102455
Lapshin, V.G. *see* Vasil'chenko, V.G. 69798
Lapshin, V.I. *see* Bitnaya, I.A. 62608
Lapshin, V.S. *see* Lange, Yu.V. 113600
Lapsley, P. Low power programmable DSP chips: Features and system design strategies 93411
Lapsley, P., Bier, J. DSP benchmarks: Methodology and results 93461
Lapsley, P., Blalock, G. How to estimate DSP processor performance 83136
Laptev, G.D. *see* Golovnin, I.V. 85445
Lapucci, A., Labate, A., Rossetti, F., Mascalchi, S. Hybrid stable-unstable resonators for diffusion-cooled CO_2 slab lasers 85370
Lapucci, A., Mascalchi, S., Rossetti, F. Pulse behaviour of a compact RF discharged CO_2 slab laser 65028
Lapuh, R., Svetik, Z. Evaluating thermal voltage converters using different measurement techniques 110275
Lapushkin, I. *see* Gergel, V. 114725
Lapuyade, H. *see* Fouillat, P. 74848
Lapuyade, H. *see* Fouillat, P. 106180
Lapy, V.Yu *see* Yu Lapy, V.
Lara, P. *see* Sherman, J. 90071
Lara, P.D. *see* Bolme, G.O. 89706
Lara-Rodriguez, D. Influence of the handoff process on the channel holding time distribution for cellular systems 99262
Lara-Rodriguez, D. *see* Ortigoza-Guerrero, L. 99135
Lara-Rodriguez, D. *see* Ortigoza-Guerrero, L. 99266
Larangeira, G.G. *see* de Salles, A.A. 93834
Larat, C. *see* Feugnet, G. 96194
Larbalestier, D.C., Lee, P.J. New developments in niobium titanium superconductors 84878
Larch, D.E. Improving the performance of genetic algorithms for terrain categorization of multispectral images 77364
Larcher, G., Wolf, R. Nets constructed over finite fields and the numerical integration of multivariate Walsh series 113242
Larcheveque, R., Ngoya, E. Compressed transient analysis speeds up the periodic steady state analysis of nonlinear microwave circuits 93756
Larcheveque, R. *see* Ngoya, E. 93755
Larciprete, R., Cozzi, S., Masetti, E., Montecchi, M. UHV-CVD Ge/Si(100) heteroepitaxy monitored by in situ ellipsometry 113324
Larciprete, R. *see* Chiussi, S. 113322
Lardennois, R. *see* Semet, C. 119338
Lardet-Vieudrin, F., Dos Santos, S., Planat, M. Subharmonics injection locking in a surface acoustic wave delay line oscillator 115463
Lardet-Vieudrin, F. *see* Planat, M. 95331
Lardizabal, S.M., Dunleavy, L.P., Boudiaf, A. New aspects concerning the bias and temperature dependence of intrinsic noise generators in extracted FET models 95052
Lareau, R.T. *see* Dubey, M. 83817
Lareau, R.T. *see* Dubey, M. 96057
Lareau, R.T. *see* Gao, W. 92744
Laredo, J., Mas, O., Miguel, J.M., Salas, B. A low-cost teleconferencing system 67872
Laretskii, E. *see* Kutsaenko, V. 116037
Large, M.C.J., Blau, W.J., Croke, D.T., McWilliam, P., Kajzar, F. Applications of nonlinear optical techniques to the study of biological molecules 85659
Largent, C.C. *see* Hsu, C.F. 96251
Largent, C.C. *see* Zory, P.S. 64916
Largillier, A., Limaye, B.V. Finite-rank methods and their stability for coupled systems of operator equations 60990
Larguier, Ph. *see* Khatir, Z. 63647
Larice, R. *see* Ernst, H. 108424
Larichev, A.V., Nikolaev, I.P. Generation of subharmonics in a nonlinear optical system with nonlocal interactions 65429
Larichev, A.V., Nikolaev, I.P., Chulichkov, A.L. Spatiotemporal period doubling in a nonlinear interferometer with distributed optical feedback 96663
Larimer, J., Berreman, D., Den Boer, W., Samadani, R., Lanham, J., Loomis, D., Marks, B., Silverstein, L.D., Gille, J., Lubin, J., Morrissey, J., Peterson, R., Pica, A., Martin, R. A video display engineering and optimization system: ViDEOS 100197
Larimer, J. *see* Arend, L. 89284
Larimer, J. *see* Gille, J. 89260
Larimer, J. *see* Gille, J. 89396
Larin, Korotkov, A.N., Oparin, M.Yu. Automated chemical control of thermochemical demineralization of water 121337
Larin, V.V. *see* Kukharev, V.N. 65031
Larinov, M. *see* Genack, A.Z. 96132
Larionov, S.A. *see* Melnikov, G.S. 99892
Larionov, S.V. *see* Baklanov, A.I. 100093
Larionov, S.V. *see* Bessergenev, V.G. 104131
Larionov, S.V. *see* Kurova, O.P. 101580
Larionov, V.P. *see* Illarionova, E.A. 102191
Larionova, V.A. *see* Minkov, G.M. 105363
Lariontsev, E.G. *see* Zolotoverkh, I.I. 85446
Lariontsev, E.G. *see* Zolotoverkh, I.I. 85447
Larios, J.M.De *see* De Larios, J.M.
Larjola, J., Backman, J.L.H. Oil free bearings in high speed technology 91434
Larkin, A.I. *see* Aver'yanov, S.G. 116771
Larkin, D.J. Site-competition epitaxy for n-type and p-type dopant control in CVD SiC epilayers 103975
Larkin, D.J. *see* Powell, J.A. 103976
Larkin, D.J. *see* Saddow, S.E. 104048
Larkin, I.A., Davies, J.H. Edge of the two-dimensional electron gas in a gated heterostructure 105283
Larkin, I.A. *see* Borsosfoldi, Z. 63810
Larkin, I.A. *see* Dubrovskii, Yu.V. 105365
Larkin, I.A. *see* Dubrovskii, Y.V. 83954
Larkin, R. *see* Qiang Wu 82981
Larkin, S.Y., Anischenko, S.E., Khabayev, P.V. Josephson junction spectrum analyzer for millimeter and submillimeter wavelengths 115955
Larkin, S.Y. *see* Anischenko, S.E. 115954
Larkin, S.Yu., Anishchenko, S.E., Chaikovskii, V.I., Pilinskii, N.V. Frequency measurement of signal in the MM-wavelength bands using the nonstationary Josephson effect 79646
Larkins, E.C. *see* Burkner, S. 63011
Larkins, E.C. *see* Czotscher, K. 107237
Larkins, E.C. *see* Esquivias, I. 107229
Larkins, E.C. *see* Ralston, J.D. 96305
Larkins, E.C. *see* Schneider, H. 62967
Larkins, E.C. *see* Schneider, H. 69163
Larkins, E.C. *see* Schneider, H. 89061
Larkins, E.C. *see* Schonfelder, A. 85486
Larmat, F., Reynolds, J.R., Qiu Yongjian Polypyrrole as a solid electrolyte for tantalum capacitors 104896
Larmer, F. *see* Funk, K. 63981
Larminie, J. Fuel cells come down to earth 71682
Larmour, B., MacLean, R. Integration of information development with product development 60535
LaRocca, T.R., Reyes, A.C., El-Ghazaly, S.M. Analysis of electromagnetic wave propagation on coplanar waveguides on doped semiconductor substrates 85939
Larochelle, Y. *see* Fox, D. 90136
Laroco, J. *see* Carter, R. 109099
Laroia, R. Coding for intersymbol interference channels–combined coding and precoding 76782
Laroia, R. *see* Shamai, S. 97409
Larosa, G. *see* Abadeer, W.W. 60726
Larose, C.L., Mishra, S.R., Trueman, C.W. A database of measured and computed RCS for code validation 68643
Larose, C.L. *see* Trueman, C.W. 68644
LaRose, R., Hoag, A. Organizational adoptions of the Internet and the clustering of innovations 109083
Larrabee, R. *see* Silver, R. 115067
Larrabee, R.D. *see* Zhang, N.F. 115058
Larragy, M. *see* de Haan, G. 62037
Larralde, G. *see* Kobeissi, H. 114219
Larrea, M. *see* Guerraoui, R. 87426
Larrea-Arrieta, J., Tait, D.J. Adaptive forward error control schemes in channels with side information at the transmitter 66331
Larreategui, M., Ancin, F.J., Carrasco, R.A. A pitch-event detection algorithm based on sinusoidal modelling of speech 86129
Larrondo, P. *see* Johnson, B. 91003
Larrondo-Petrie, M.M., Nair, K.R., Raghavan, G.K. A domain analysis of Web browser architectures, languages and features 109146
Larroque, J. *see* Galy, C. 62335
Larsen, A.K. Stackable hubs: frills without the bills 67666
Larsen, A.K. Application servers stake out the middle ground: can Windows NT and Netware systems loosen Unix's grip on the enterprise? 67841
Larsen, A.Nylandsted *see* Nylandsted Larsen, A.
Larsen, C.G. *see* Bird, D.J. 110586
Larsen, C.P. *see* Almstrom, E. 78884
Larsen, D.E., Jr. Status of investment cast gamma titanium aluminides in the USA 113523
Larsen, E.Hviid *see* Hviid Larsen, E.
Larsen, E.V., Clark, K., Hill, A.T., Piwko, R.J., Beshir, M.J., Bhuiyan, M., Hormozi, F.J., Braun, K. Control design for SVC's on the Mead-Adelanto and Mead-Phoenix transmission project 91088
Larsen, F. A low distortion driver for 2.3-5.5 V applications 104372
Larsen, F. A fully balanced, rail-to-rail, 3 V, class-AB operational amplifier 104382
Larsen, F., Ismail, M. A continuous-time offset compensated high speed BiCMOS comparator 104747
Larsen, F., Ismail, M. Issues in the design of analog BiCMOS integrated circuits 115372
Larsen, F., Ismail, M., Abel, C. A versatile structure for on-chip extraction of resistance matching properties 63846
Larsen, F.H. *see* Stubenrauch, C.F. 108058
Larsen, H. *see* Benotto, F. 69866
Larsen, J.G. *see* Larsen, P.H. 81753
Larsen, K.K. *see* Privitera, V. 74531
Larsen, K.K. *see* Roca, E. 63568
Larsen, K.Kyllesbech *see* Kyllesbech Larsen, K.
Larsen, M. *see* Garlick, D.S. 108649
Larsen, M.F., Tansock, J.J., Jr., Sorenson, G., Garlick, D.S., Hansen, J.S. Impact of the SPIRIT III sensor design on algorithms for background removal, object detection, and point source extraction 108650
Larsen, P.H., Bagger, C., Mogensen, M., Larsen, J.G. Stacking of planar SOFCs 81753
Larsen, S.T. *see* Theed, J.E. 81080
Larsen, U.D., Sigmund, O., Bouwstra, S. Design and fabrication of compliant micromechanisms and structures with negative Poisson's ratio 74954
Larsen, V., Kinzie, M.B., McNergney, R.F., Kent, T., Herbert, J., Becker, F. Project Cape Town: designing a teacher education case for the WWW 98689
Larson, C.T. Applications of laser scanning systems to deposited dielectrics 63839
Larson, C.T. *see* Altendorfer, H. 92311
Larson, D. Surface-mount connectors 83629
Larson, D., Anderson, R., Boyes, J. Fault tolerance of the NIF power conditioning system 82346
Larson, D. *see* Wunstorf, R. 105096
Larson, D.R. *see* Obarski, G.E. 107233
Larson, E.D. *see* Consonni, S. 111808
Larson, E.D. *see* Consonni, S. 111809
Larson, G. *see* Fuks, P. 100275
Larson, G.W. *see* He, S. 107838
Larson, H. *see* Singh, P. 71454
Larson, K., Gelabert, P. A multiprocessor communications kernel for the TMS320C40 93450
Larson, K. *see* Macri, J.R. 80155
Larson, K. *see* Macri, J.R. 101024
Larson, L., Case, M., Rosenbaum, S., Rensch, D., Macdonald, P., Matloubian, M., Chen, M., Harame, D., Malinowski, J., Meyerson, B., Gilbert, M., Maas, S. Si/SiGe HBT technology for low-cost monolithic microwave integrated circuits 73786
Larson, L., Sawchuk, R., Tyler, L., Ruben, D. IC fringe capacitance shift as a result of encapsulation 82263
Larson, L. *see* Case, M. 62088
Larson, L. *see* Case, M. 83500
Larson, L.R., Sturrett, M., Tindell, L. Design and modeling trim drift in CrSi thin film resistors 83549
Larson, M.C., Harris, J.S., Jr. Broadly-tunable, narrow-linewidth resonant cavity light emitter 64974
Larson, M.C. *see* Solomon, G.S. 107009
Larson, R.C. *see* Penfield, P., Jr. 112762
Larson, R.S. *see* Meeks, E. 63407
Larson, T.M., Haley, S.B. Mesoscopic superconducting devices and circuits: variable SQUID and superconducting micronet current amplifier 64562
Larson, T.N. *see* Black, P.E. 113661
Larson, T.W. *see* Newell, J.M. 104976
Larson, U.O. *see* Filindras, A. 85840
Larson, V. Performance of K-distribution GLRT SAR target detector 120942
Larsonneur, R. *see* Ahrens, M. 103047
Larsonneur, R. *see* Herzog, R. 95391
Larsson, A., Carlson, O., Siden, G. Electrical generating systems in wind turbine applications 91420
Larsson, A., Jonsson, U., Sjodin, J.-O. Design, test and cost of a magnetic field cancellation loop near a Swedish 400 kV line 102200
Larsson, A., Maseng, T. A statistical analysis of the power control error in fast Rayleigh fading 109551
Larsson, A., Thiringer, T. Measurements on and modelling of capacitor-connecting transients on a low-voltage grid equipped with two wind turbines 111688
Larsson, A. *see* Conti, M. 108470
Larsson, A. *see* Conti, M. 109156
Larsson, A. *see* Ekstroem, C. 69681
Larsson, A. *see* Eriksson, N. 64772
Larsson, A. *see* Ghisoni, M. 106977
Larsson, A. *see* Hagberg, M. 107251
Larsson, A. *see* Lin, H.T. 62946
Larsson, A. *see* Lin, H.T. 75721
Larsson, A. *see* Lin, H.T. 106970
Larsson, A. *see* Ming Li 95770
Larsson, A. *see* Ming Li 116751
Larsson, A. *see* Wohlin, C. 98828
Larsson, B. *see* Girolami, B. 110887
Larsson, C.N., Baxter, E.M., Othman, M.S. Computer vision inspection of populated printed circuit boards 82173
Larsson, C.N., Shazali Othman, M., Baxter, E.M. Machine vision for detection of electronic components 82290
Larsson, H. *see* Dale, S. 101095
Larsson, L., Krol, S., Lagemann, K. NeNEB–an application adjustable single chip neural network processor for mobile real time image processing 108597

Larsson, M., Karlsson, D. Coordinated control of cascaded tap changers in a radial distribution network 102113
Larsson, N.J. Extended application of suffix trees to data compression 86224
Larsson, P. High-speed architecture for a programmable frequency divider and a dual-modulus prescaler 61813
Larsson, R., Ostberg, C., Wahlqvist, M. Mixed traffic in a multi carrier system 118882
Larsson, R. *see* Wahlqvist, M. 118975
Larsson, S.-E. *see* Cai, H. 120359
Larsson, S.A. *see* Kimiaei, S. 101099
Larsson, S.A. *see* Kimiaei, S. 101283
Larsson, T. *see* Lindberg, A. 70850
Larsson, U., Forsberg, J., Wernersson, A. Mobile robot localization: integrating measurements from a time-of-flight laser 69502
Larsson-Edefors, P. Technology mapping onto very-high-speed standard CMOS hardware 104416
LaRue, R.A. *see* Davis, G.A. 75722
LaRue, R.A. *see* Davis, G.A. 110161
Larue de Tournemine, R., Muller, E. Transition and development of innovation capacities in Hungary 72175
Laruelle, F. *see* Faini, G. 105409
Larvor, J.P. *see* Milan, J.M. 68663
LaSalle, D.L. *see* Weeden, B.A. 80482
Lasance, C.J.M., Lacaze, C. A transient method for the accurate measurement of interface thermal resistances 110423
Lasaryuk, S.N. *see* Kudryavtsev, A.A. 104988
Lasbleiz, P. *see* Mocanu, I. 111593
Lascaray, J.P. *see* Ribayrol, A. 74142
Laschek, M. *see* Wandt, D. 107255
Laschinski, R.A. Prototyping with surface mount 62469
Lasenby, A. *see* Mandolesi, N. 99703
Lasenby, A. *see* Smoot, G.F. 99702
Lasenby, A.N. *see* Davies, R.D. 99700
Lasher, B., Narayanan, M. Vision systems–an overview 67209
Lasher, M., Soltan, P., Dahlke, W., Acantilado, N., McDonald, M. Laser projected 3-D volumetric displays 89245
Lasher, M. *see* Soltan, P. 100196
Lasheras, F., Layo, F., Corera, J., Berasategi, J.L., Barandiaran, J., Perez, J. An on-line system for disturbance analysis and restoration in power systems 101874
Lashin, V. *see* Moreno, I. 117707
Lashine, A.E. A thyristorized saturable reactor with self-excitation 91586
Lashine, A.E., Zein El Din, A.S. Microprocessor controlled voltage stabilizer 61629
Lashine, A.E. *see* Radwan, T.S. 121944
Lashmore, D.S. *see* Schwarzacher, W. 84819
Lasiuk, B. *see* Maruyama, K. 100989
Lasjaunias, J.C. *see* Sahling, S. 100374
Laska, L. *see* Woryna, E. 110530
Laska, T., Fugger, J., Hirler, F., Scholz, W. Optimizing the vertical IGBT structure–the NPT concept as the most economic and electrically ideal solution for a 1200 V-IGBT 106001
Laska, T. *see* Brunner, H. 121717
Laskar, J., Bautista, J.J., Nishimoto, M., Hamai, M., Lai, R. Development of accurate on-wafer, cryogenic characterization techniques 93859
Laskar, J. *see* Evers, N. 105859
Laskar, J. *see* Han, S. 88584
Laskar, J. *see* Jie Hao 92204
Laskar, J. *see* Seltmann, E.W. 100273
Laskar, R. *see* Ghoshal, J. 92456
Laskar, R. *see* Knisely, J.A. 113145
Laskar, S.H. *see* Sinha, N. 81939
Laskaris, N., Bezerianos, A., Fotopoulos, S. Unsupervised artifact rejection in evoked potential recordings by means of a novel nonlinear technique 120429
Laskowski, E.J. *see* Dhar, L. 85060
Laskowski, E.J. *see* Kohnke, G.E. 88561
Laskowski, E.J. *see* Kohnke, G.E. 95939
Laskowski, E.J. *see* Li, Y.P. 78691
Laskowski, J. *see* Hawley, R.A. 62036
Laslau, F. *see* Negut, G. 91284
Laslett, L.J. *see* Caspi, S. 96938
Lasnier, P. Oceanic climatology by satellites 80671
Lasprilla, A.M.d.C. *see* Amorim, A.A. 117835
Lasprilla A, M.del C. *see* del C. Lasprilla A, M.
Lasprilla A, M.del Carmen *see* del Carmen Lasprilla A, M.
Lasri, T., Bocquet, B., Leroy, Y. Microwave scattering parameters of lossy materials: experiments and computations 119858
Lasri, T., Glay, D., Mamouni, A., Leroy, Y. A low cost microwave system for nondestructive control of textile webs 89472
Lassabatere, L. *see* Bertru, N. 61177
Lassagne, P. *see* Bano, E. 105512
Lassagne, P. *see* Bano, E. 105513
Lassagne, P. *see* Baud, L. 105476
Lassagne, P. *see* Lanois, F. 84127
Lassalle, J.C. *see* Antinori, F. 120156
Lassandro, A. *see* Dell'Aquila, A. 121966
Lassen, H.E. *see* Ma, A. 78893
Lassen, P.S. *see* Madsen, J.K. 118737
Lasser, O., Horak, W. Optical radiation safety of LEDs and IREDs according to the new IEC 825-1 safety standard 80533
Lassere, V. *see* Corbiere, T. 106219
Lasserre, A., Wowk, S., Mudra, D.R., Bajpai, P.K., Cranfield, M. Development of a zinc calcium phosphate ceramic system for antibiotic delivery 70180
Lasserre, V., Corbiere, T., Thomas, B., Rodde, K. A radiation tolerant 0.6 μm CMOS technology 106217
Lasseter, R.H. *see* Gronquist, J.F. 91094
Lassez, J.L., Prabhu, N. A necessary condition for polynomial-time simplex algorithms 82467
Lassila, A. *see* Abramova, L. 88898
Lassila, A. *see* Ikonen, E. 89101
Lassman, S.J. Firmware for a continuous-frequency CRT monitor 89362
Last, J.D. *see* Poppe, D. 79086
Lasthaus, D. *see* Tigges, K.D. 102411
Lastowiecki, J. New approach to the current measuring system solution 99971
Lastra, R.B. *see* Riubrugent, J. 112040
Lasutin, E.V. *see* Grishin, V.K. 79907
Laszig, T. Minolta: communications worth copying 108913
Laszlo, C.A. *see* Qiaobing Xie 101051
Lata, Z.J., Aronhime, P.B., Maundy, B.J., Zurada, J.M. Issues in the synthesis of voltage-, current-, and voltage-current-mode circuits 104291
Lata, Z.J. *see* Aronhime, P.B. 93558
Lataire, P. *see* Ganji, A.A. 121497
Latanision, R.M. *see* Nenov, K.P. 60621
Latchman, H.A. *see* Sultan, A. 86571
Latecki, L., Conrad, C., Gross, A. An object and its digital image 86801
Latecki, L. *see* Grossi, A. 77473
Latev, D. *see* Cain, W. 115667
Latge, A., Porras-Montenegro, N., De Dios-Levya, M., Oliveira, L.E. Intradonor adsorption spectra under external fields in quantum wells 63072
Latge, A. *see* Ribeiro, F.J. 94544
Latha, P.Manju *see* Manju Latha, P.
Latham, M.S., Cressler, J.D., Joseph, A.J., Jaeger, R.C. The impact of Ge grading on the bias and temperature characteristics of SiGe HBT precision voltage references 94919
Latham, P.E. *see* Castle, M. 62604
Latham, P.E. *see* Guo, H.Z. 62584
Latham, W.P. *see* Kar, A. 96100
Latham, W.P. *see* Scott, J.E. 107636
Lathauwer, L.De *see* De Lathauwer, L.
Latheef, G.Abdul *see* Abdul Latheef, G.
Lathey, J.H. CF-18 display freeze problem: a case study 101486
Lathrop, D. *see* Koch, R.H. 95510
Lathrop, J. *see* Wright, J. 88741
Laties, A.M. *see* Schmid, G.F. 101080
Latif, Z. *see* Narayanan, R. 106048
Latiff, Z., Liou, J.J., Ortiz-Conde, A., Garcia Sanchez, F.J., Wang, W., Chen, Y.G. Analysis of the validity of methods for extracting the effective channel length of short-channel LDD MOSFETs 74720
Latifi, S. How can permutations be used in the evaluation of zoning algorithms? 97890
Latifi, S. A distributed approach for fast broadcasting and gathering in q-ary cubes 108148
Latifi, S. *see* Zheng, S.Q. 86102
Latigneva, E. *see* Abramova, L. 88898
Latimer, I.D. *see* Pande, P.C. 72856
Latimer, J.S. *see* Hamilton, R.D., III 118351
Latini, M. *see* Gagliardi, R. 118506
Latkovskia, L., Rashevits, K., Rutmanis, L., Stabulnieks, J. Power electronics–an economically justified direction of engineering sciences and one of the most effective means of rational use of electric energy 113736
Latman, N.S., Coker, N., Teague, C. Evaluation of an instrument for noninvasive blood pressure monitoring in the forearm 69930
Latorre, S. *see* Cribier, M. 110538
Latouche, Y. *see* Moraud, S. 83322
Latour, H., Al-Khalili, D. Low power 24 bit complex multiplier 118711
Latour, L.L. *see* Funan Shi 70015
Latour, M. *see* Rahmoune, M. 111269
Latour-Henner, A. *see* Bjorkman, N. 77611
Latour-Henner, A. *see* Bjorkman, N. 77656
Latour-Henner, A. *see* Bjorkman, N. 118047
Latrach, L. *see* Barillet, R. 75901
Latrasse, C. *see* Guy, M. 78898
Latroche, M. *see* Percheron-Guegan, A. 71657
Latrous, Y. *see* Aktouf, C. 106192
Lattarulo, F. *see* Amoruso, V. 70269
Lattarulo, F. *see* Amoruso, V. 104989
Latteux, M. *see* Bruyere, V. 117226
Latush, E.L., Sem, M.F., Chebotarev, G.D. Strontium and calcium ion recombination lasers and their applications 116377
Latussek, V. *see* Becker, C.R. 74443
Latussek, V. *see* von Truchsess, M. 74409
Latuszynski, A., Kornarzynski, K., Drozdziel, A., Pyszniak, K., Maczka, D. Negative ion beams from a plasma type source with additional surface ionization 120126
Latypov, T. *see* Batskikh, G. 89811
Latyshev, A.B., Loukianov, D.A., Semenov, A.V. Refractometry of oil products in millimeter and submillimeter range 79668
Latyshev, A.N. *see* Klyuev, V.G. 75707
Latyshev, A.V., Krasilnikov, A.B., Aseev, A.L. Self-diffusion on Si(111) surfaces 103885
Latyshev, A.V., Krasilnikov, A.B., Aseev, A.L. In situ reflection electron microscope observation of two-dimensional nucleation on Si(111) during epitaxial growth 113395
Latyshev, A.V., Loukianov, D.A., Semenov, A.V. A new possibility of BWO-Spectroscopy for complex spectral measurements in the millimeter and submillimeter wave range 79665
Latzer, M. Cable TV in Austria: between telecommunications and broadcasting 79171
Latzer, M. Politico-economic analysis for the Japanese information infrastructure initiatives 87772
Lau, A. *see* Milner, T.E. 101081
Lau, A. *see* Werncke, W. 85590
Lau, A. *see* Werncke, W. 85630
Lau, A. *see* Werncke, W. 96741
Lau, B. *see* Donnelly, K. 74851
Lau, B. *see* Wright, J. 88741
Lau, C.L. *see* Lahoz, W.A. 120782
Lau, D.T.M. *see* Ariyawansa, K.A. 72538
Lau, F.C.M. Improvements in the waveform relaxation method applied to transmission lines with nonlinear terminations 93977
Lau, F.C.M., Tam, W.M. Effects of increased capacity in CDMA cellular system 88344
Lau, G. *see* Hess, C. 115287
Lau, H.K., Cheung, S.W. A fade-compensation technique for digital land mobile satellite systems 109598
Lau, H.K., Cheung, S.W. Performance of a pilot symbol-aided technique in frequency-selective Rayleigh fading channels corrupted by co-channel interference and Gaussian noise 117136
Lau, H.W., Parker, G.J., Greef, R. High aspect ratio silicon pillars fabricated by electrochemical etching and oxidation of macroporous silicon 94248
Lau, J., Schneider, E., Baker, T. Shock and vibration of solder bumped flip chip on organic coated copper boards 83597
Lau, J. *see* Cheung, D.T.Y. 104380
Lau, J.Nuno *see* Nuno Lau, J.
Lau, K.M. *see* Agahi, F. 75986
Lau, K.M. *see* Dai, D. 62301
Lau, K.T. *see* Lee, S.T. 73613
Lau, K.T. *see* Lee, S.T. 93620
Lau, K.T. *see* Wang, H. 93350
Lau, K.Y. *see* Arredondo, A. 118973
Lau, K.Y. *see* Chang-Hasnain, C.J. 68428
Lau, K.Y. *see* Cutrer, D.M. 68146
Lau, K.Y. *see* Cutrer, D.M. 99289
Lau, K.Y. *see* Daneman, M.J. 106256
Lau, K.Y. *see* Georges, J.B. 78946
Lau, K.Y. *see* Georges, J.B. 99502
Lau, K.Y. *see* Georges, J.B. 99582
Lau, K.Y. *see* Meng-Hsiung Kiang 74937
Lau, K.Y. *see* Ta-Chung Wu 96324
Lau, K.Y. *see* Tien, N.C. 85550
Lau, K.Y. *see* Tien, N.C. 95237
Lau, K.Y. *see* Yeung, S.P. 78824
Lau, K.Y. *see* Yeung, S.P. 119150
Lau, M.Y. *see* Zu, L. 94130
Lau, R.W.H., Kwok-Yan Lam, Siu-Leung Cheung The failure of anti-hacking legislation: a Hong Kong perspective 78015
Lau, S. *see* Lin, E.W. 90881
Lau, S.D. *see* Tuschel, D.D. 95754
Lau, S.P., Marshall, J.M., Tessler, L.R. Optoelectronic properties of highly conductive microcrystalline SiC produced by laser crystallisation of amorphous SiC 94447
Lau, S.P. *see* Salih, A.J. 113462
Lau, S.S. *see* Hao, P.H. 63099
Lau, S.S. *see* Liu, Q.Z. 64762
Lau, S.S. *see* Moon-Ho Park 105446
Lau, S.S. *see* Wang, L.C. 63100
Lau, S.S. *see* Wong, W.S. 103879
Lau, S.S.-F., Kwan-Fai Cheung, Chuang, J.C.I. Fuzzy logic adaptive handoff algorithm 78497
Lau, S.W., Lui, J.C.S. A novel video-on-demand storage architecture for supporting constant frame rate with variable bit rate retrieval 118598
Lau, T. Revamping a corporate Web site: strategies and implementation 118409
Lau, W.C. *see* Gwo-Huei Luo 79869
Lau, W.H. *see* Poon, N.K. 121663
Lau, W.K., Wang, M.H., Hsu, K.T., Chang, L.H., Wang, C., Kuo, C.C. Study of longitudinal coupled-bunch instabilities in the SRRC storage ring 89846
Lau, W.K. *see* Ho, C.H. 83690
Lau, W.K. *see* Hsu, K.T. 79974
Lau, W.K. *see* Kuo, C.C. 79975
Lau, W.K. *see* Wang, M.H. 89848
Lau, W.M. *see* So, B.K.L. 84129
Lau, W.M. *see* Xia, H. 114705
Lau, W.S., Pey, K.S., Ng, W.T., Sane, V., Heng, J.M.C., Phang, J.C.H., Chan, D.S.H., Chua, C.M., Cronquist, B., Lee, B. A new type of local defects in very thin silicon dioxide films on arsenic-implanted p-type silicon 74491
Lau, W.S. *see* Goo, C.H. 114636
Lau, W.S. *see* Yue, T.M. 85780
Lau, Y.C., Leong, M.S., Kooi, P.S. Extension of Berenger's PML boundary condition in matching lossy medium and evanescent waves 65825
Lau, Y.F. *see* Wu, P.S.Y. 86694
Lau, Y.Y. *see* Christenson, P.J. 62589
Lau, Y.Y. *see* Hochman, J.M. 69655
Lau, Y.Y. *see* Kishek, R. 94169
Lau, Y.Y. *see* Kishek, R. 114493

Lau, Y.Y. *see* Liu, Y. 83715
Lau, Y.Y. *see* Liu, Y.F. 62575
Lau, Y.Y. *see* Liu, Y.F. 73996
Lau, Y.Y. *see* Luginsland, J.W. 105011
Lau, Y.Y. *see* Luginsland, J.W. 105018
Lau, Y.Y. *see* Walter, M.T. 62634
Lau, Y.Y. *see* Walter, M.T. 105063
Lau Chi-Ming *see* Chi-Ming Lau
Lau Chiewtong *see* Hu Zejun 78952
Lau Chu Man *see* Chu Man Lau
Lau Kam-Yin *see* Kam-Yin Lau
Lau Kei May *see* Kei May Lau
Lau Wing-Cheong *see* Wing-Cheong Lau
Lau-Frambs, A., Kroth, U., Rabus, H., Tegeler, E., Ulm, G., Wende, B. First results with the new PTB cryogenic radiometer for the vacuum-ultraviolet spectral range 89083
Laub, A. *see* Nevirkovets, I.P. 95507
Laub, G. *see* Simonetti, O.P. 80362
Laub, W. *see* Schaefer, M. 92182
Laubach, M. To foster residential area broadband Internet technology: IP datagrams keep going, and going, and going 98938
Laubach, M. ATM over hybrid fiber-coax networks 117966
Laube, G. Selective area growth with MOVPE 103888
Laube, G. *see* Baums, D. 109312
Laube, G. *see* Gaumont, E. 96069
Laube, G. *see* Gurib, S. 116530
Laube, G. *see* Idler, W. 96706
Laube, G. *see* Klenk, M. 96423
Laube, G. *see* Schilling, M. 78777
Laube, G. *see* Schilling, M. 99599
Laubender, J. *see* Waag, A. 92708
Lauber, A. *see* Karlsson, B. 113052
Lauber, H.M. *see* Brueckner, W. 120169
Lauber, J. *see* Mours, B. 100821
Lauber, J. *see* Mours, B. 120196
Laubscher, B. *see* Cooke, B. 109802
Laubscher, B.E. *see* Borel, C.C. 108554
Laucht, C.M. *see* Dinzey, W. 77898
Lauck, A. *see* Charny, A. 98775
Lauck, A.G. *see* Charny, A. 87801
Lauckner, K., Enghardt, W., Pawelke, J., Sobiella, M. The implementation of an iterative reconstruction scheme to limited angle positron cameras 80313
Laudanski, T., Bulkszas, B., Szamatowicz, J., Akerlund, M. Uterine contractility–digital analysis of intra-uterine pressure recording 90272
Laude, J.P. *see* Delort, T. 116922
Laude, L. *see* Izquierdo, R. 92927
Laude, L.D. *see* Hanus, F. 92919
Laude, L.D. *see* Kantor, Z. 92813
Laude, V., Chavel, P., Refregier, P. Implementation of arbitrary real-valued correlation filters for the shadow-casting incoherent correlator 116177
Laude, V., Huignard, J., Refregier, P. Optical implementation of optimal trade-off bipolar filters for the shadow-casting incoherent correlator 75577
Laude, V. *see* Durand, O. 75672
Laude, V. *see* Grunnet-Jepsen, A. 98012
Lauderdale, J., Tsang, D.H.K. Using the minimum reservation rate for transmission of pre-encoded MPEG VBR video using CBR service 108918
Lauderdale, J., Tsang, D.H.K., Baciu, G. An improved algorithm for lossless smoothing of MPEG video with delay constraints 67139
Lauderdale, W.J. *see* Carlin, R.T. 112293
Laue, F. *see* Patzold, M. 68111
Laue, F. *see* Patzold, M. 68170
Laue, F. *see* Patzold, M. 116902
Laue, F. *see* Yingchun Li 109535
Lauegt, S. *see* Massies, J. 61228
Lauegt, S.M. *see* Nataf, G. 103852
Lauer, A., Bahr, A., Wolff, I. Hybrid FDTD simulations of rib-waveguides 85941
Lauer, E. *see* Sampayan, S. 89780
Lauer, H.-U. *see* Glueck, J. 88817
Lauer, H.-U. *see* Hochholzer, V. 100202
Lauer, H.C., Shen, C., Osborne, R., Howard, J., Zheng, Q., Takegaki, M., Shimakawa, H., Mizunuma, I. Digital audio and video in industrial systems 118397
Lauer, S. *see* Danilewsky, A.N. 103813
Lauersdorf, M. *see* Feser, K. 91592
Lauf, R.J. *see* Fathi, Z. 65867
Lauf, R.J. *see* Hoffheins, B.S. 100167
Laufenberg, X., Frohlich, P. A qualitative model-based approach to integrate system and hazard analysis 103504
Laufer, I. *see* Grevera, G.J. 110895
Laug, O.B. A 100 A, 100 kHz transconductance amplifier 61659
Laug, O.B. *see* Souders, T.M. 119536
Laughlin, D.E., Feng, Y.C., Lambeth, D.N., Lee, L.L., Tang, L. Design and crystallography of multilayered media 106579
Laughlin, D.E., Li-Lien Lee, Li Tang, Lambeth, D.N. The control and characterization of the crystallographic texture of longitudinal thin film recording media 115604
Laughlin, D.E. *see* Kemner, K.M. 64452
Laughlin, D.E. *see* Lambeth, D.N. 64423
Laughlin, D.E. *see* Li-Lien Lee 64436
Laughlin, D.E. *see* Pan, T. 106545
Laughlin, D.E. *see* Wong, B.Y. 84774
Laughlin, D.E. *see* Yingjian Chen 115584
Laughman, R.A. *see* Selvaggi, J.A. 75370
Laughton, F.R. *see* Williams, K.A. 65245
Laugier, A., Allahwerdi, N., Baudin, J., Gaffney, P., Grimson, W., Groth, T., Schilders, L. Remote instrument telemaintenance 109987
Laugier, A. *see* Semmache, B. 94657
Laugier, A. *see* Skryshevsky, V.A. 114576
Laugier, C. *see* Paromtchik, I.E. 89579
Laugier, J. *see* Benabdesselam, M. 110987
Laugier, P. *see* Roberjot, V. 110680
Laugis, J., Lehtla, T., Teemets, R. Multi purpose energy conversion in electrical drives 91827
Lauhon, L. *see* Brown, K.A. 72768
Lauke, B. *see* Zhen-Guo Yang 113579
Laul, P. Time delay analysis of computer networks 109084
Laumann, C.W. *see* Ehrlich, R.B. 85422
Laumann, C.W. *see* Pennington, D.M. 85424
Laumond, Y. *see* Le Naour, S. 102180
Laumond, Y. *see* Verhaege, T. 81171
Launay, C. *see* Vu, H. 101927
Launay, G. *see* Brousseau, C. 109782
Launay, J.-C. *see* De Montmorillon, L.-A. 96645
Launay, P., Caffin, D., Duchenois, A.M., Heliot, F. A double InGaAs/InP HBT technology for lightwave communication circuits design 106182
Launay, P., Driad, R., Benchimol, J.L., Alexandre, F., Dangla, J. GaInP-GaAs quasi self-aligned HBT technology 63596
Launay, P. *see* Driad, R. 63599
Launay, P. *see* Driad, R. 84331
Launay, P. *see* Koumetz, S. 74276
Launay, P. *see* Koumetz, S. 83852
Launay, P. *see* Marcon, J. 105559
Launay, P. *see* Sermage, B. 105145
Laune, F. *see* Legay, P. 103935
Launois, H. *see* Miller, J.M. 105828
Launois, H. *see* Pepin, A. 74432
Launois, H. *see* Pepin, A. 83916
Launonen, R. *see* Sodergard, C. 67425
Launsby, R.G. *see* Green, T.J. 94115
Launspach, J. *see* Eyharts, Ph. 89740
Laur, H. *see* Tell, B.R. 111123
Laur, R. *see* Brachtendorf, H.G. 61518
Laur, R. *see* Wolter, S. 97474
Laure-Line, R., Thierry, W., Afef, K., Jean-Louis, C. Determination of the parameter k of the generalized dynamic Preisach model 64278
Laurell, T., Drott, J., Rosengren, L., Lindstrom, K. Enhanced enzyme activity in silicon integrated enzyme reactors utilizing porous silicon as the coupling matrix 110232
Laurence, R.J. *see* Ortiz-Conde, A. 63578
Laurendeau, D. *see* Bergevin, R. 67369
Laurendeau, N.M. *see* Pedanekar, N.R. 110419
Laurens, M. *see* Vinet, F. 63491
Laurent, B. *see* Gatenby, P. 99463
Laurent, C., Peyrin, F., Chassery, J.-M. Evaluation of parallel approaches for 3D cone-beam reconstruction 80306
Laurent, G., Russenschuck, S., Siegel, N., Traveria, M., Garcia-Tabares, L., Calero, J., Aguirre, P., Etxeandia, J., Garcia, J. Design, fabrication and cold tests of a superferric octupole corrector for the LHC 90049
Laurent, L. *see* Fochs, S.N. 65147
Laurent, L.L. *see* Le Sage, G.P. 107031
Laurent, L.L. *see* Le Sage, G.P. 116571
Laurent, N. *see* Fiore, A. 107557
Laurent, P. *see* Salomon, C. 89521
Laurent, T. Driving forces for telecoms standards 118183
Laurent, Y. *see* Benitez, J.J. 110266
Laurentiu, C. Implementation of Schottky boundary conditions in TRENDY 63524
Laurette, L., Blanc-Feraud, L., Charbonnier, P., Koulibaly, P.M., Nosmas, J.C., Barlaud, M., Darcourt, J. Cone beam algebraic reconstruction using edge-preserving regularization 80309
Lauretti, S.Rocha *see* Rocha Lauretti, S.
Laurie, D.P. Anti-Gaussian quadrature formulas 61028
Laurie, D.P. Periodizing transformations for numerical integration 61033
Laurie, D.P. *see* Venter, A. 60974
Laurila, J., Mattila, J., Haggman, S.-G. Simulations of the DECT receiver with the decision feedback equaliser 109516
Laurila, K. *see* Salmela, P. 108210
Laurin, L. *see* Schanzer, R.W. 84147
Laurinavicius, A.B. A model for optimal data selection in automated research systems 99859
Lauritzen, P.O. *see* Kagalwala, R. 111590
Lauritzen, P.O. *see* Talwalkar, N. 115154
Lauritzen, T. *see* Thur, W. 100742
Lauro, A. *see* Barbarino, G.C. 80097
Lauro, G. Application of DGPS to ship sea trials 79087
Lauro, P. *see* Da-Yuan Shih 112936
Laursen, A. *see* Carter, F. 118219
Laursen, B. *see* Martin-Neira, M. 111288
Lauta, D. *see* de Cesare, G. 100021
Lautala, P. *see* Majanne, Y. 109988
Lautala, P. *see* Rakkolainen, J. 102557
Lautala, P. *see* Vilkko, M. 102010
Lauter, J., Forster, A., Luth, H., Muller, K.D., Reinartz, R. AlGaAs/GaAs avalanche detector array–1 GBit/s X-ray receiver for timing measurements 80070
Lauter, J., Forster, A., Luth, H., Muller, K.D., Reinartz, R. AlGaAs/GaAs avalanche detector array – 1 GBit/s X-ray receiver for timing measurements 101031
Lauterbach, U. *see* Pernicka, F. 80531
Lauterborn, W. *see* Kumar, A. 65501
Lauterbur, P.C. *see* Hanson, J.M. 101303
Lauterbur, P.C. *see* Zhi-Pei Liang 120290
Lauterjung, J. Measurement technology for DVB: status and outlook 68838
Lauterjung, J. DVTS: Video sequence for assessing MPEG encoders 88829
Lautridou, P., Eudes, P., Germain, M., Guilbault, F., Laville, J.L., Rahmani, A., Reposeur, T., Roy, D. Extended pulse shape discrimination capabilities using a CsI-BGO phoswich 69792
Lauvstad, G.O., Tunold, R., Sunde, S. Oxidation of carbon monoxide on strontium ferrate [SOFC anode materials] 81825
Lauwers, A. *see* Wang, Q.F. 63422
Lauwers, A. *see* Wang, Q.F. 63459
Lauwers, J., Zhgoon, S., Bourzgui, N., Nauwelaers, B., Carru, J.C., Van de Capelle, A. S-parameter measurements of high-temperature superconducting and normal conducting microwave circuits at cryogenic temperatures 95489
Laux, S., Maun, K., Kaiser, U., Granitza, B., Roth, O., Richter, W. UV damage threshold of molecular beam deposited fluoride coatings 107467
Laux, S.E. On particle-mesh coupling in Monte Carlo semiconductor device simulation 115127
Laux, S.E., Fischetti, M.V. Transport models for advanced device simulation–truth or consequences? 63537
Laux, S.E. *see* Fischetti, M.V. 105097
Laux, S.E. *see* Stern, F. 63264
Lauxtermann, S., Bronner, W., Runge, K. GaAs readout electronics for particle detectors 120220
Lauxtermann, S. *see* De Geronimo, G. 115239
Lauxtermann, S. *see* Rogalla, M. 120146
Lauzon, D., Vincent, A., Limin Wang Performance evaluation of MPEG-2 video coding for HDTV 88838
Lavabre, S., Bertrand, Y., Renovell, M., Landrault, C. Test configurations to enhance the testability of sequential circuits 61842
Lavado, R. *see* Kung, P. 113291
Lavagno, L. *see* Balarin, F. 87472
Lavagno, L. *see* Cardelli, S. 73055
Lavagno, L. *see* Cortadella, J. 83060
Laval, P.de *see* de Laval, P.
Lavallard, P., Suris, R.A. Silicon needles in porous silicon 94316
Lavallard, P. *see* Aaviksoo, J. 63075
Lavallard, P. *see* Aaviksoo, J. 74454
Lavallard, P. *see* Chamarro, M.A. 74229
Lavallard, P. *see* Kochereshko, V.P. 105323
LaValle, I.H. *see* Fishburn, P.C. 72451
Lavallee, S. *see* Szeliski, R. 90482
LaVanier, L.A. *see* Childs, K.D. 103401
Lavareda, G. *see* Fortunato, E. 69131
Lavareda, G. *see* Fortunato, E. 79402
Lavareda, G. *see* Fortunato, E. 100025
Lavayssiere, B. *see* Georgel, B. 113566
Lavayssiere, B. *see* Lefevre, M. 82820
Lave, L. *see* Horvath, A. 72384
Lave, L.B. *see* Cobas-Flores, E. 81731
Laveau, S., Faugeras, O. Oriented projective geometry for computer vision 67233
Laveder, M. The NOMAD experiment: status report 80096
Laveder, M. *see* Autiero, D. 69815
Laveder, M. *see* Autiero, D. 80006
Laveigne, J. *see* Singh, R.K. 113459
Laven, P.A. Convergence in action? 109858
Lavenant, A. *see* Girard, G. 75904
Lavender, R.G. *see* Posnak, E.J. 87901
Lavenier, D. *see* McConnell, R. 104610
Lavenne, F. *see* Boudraa, A.-E.-O. 110765
Lavenne, F. *see* Gregoire, M.-C. 101324
Lavergnat, J. *see* Gloaguen, C. 107883
Lavergne, G. *see* Naudin, N. 69010
LaVerne E. Stetson, P.E., Hicks, J.K., Fussell, M.T. Forty years of the IEEE Rural Electric Power Committee 1955-1995 70623
Laverriere, G. *see* Hallgren, B. 90201
Laverriere, G. *see* Hallgren, B. 100956
Lavers, D., Boglaev, I., Sirotkin, V. Numerical solution of transient 2-D eddy current problem by domain decomposition algorithms 65706
Lavers, D. *see* Gyimesi, M. 65620
Lavers, J.D., Boglaev, I.P., Sirotkin, V.V. Domain decomposition technique for 2-D eddy current problem 107794
Lavers, J.D. *see* Kang, Y. 70641
Lavers, J.D. *see* Ma, Q.S. 116817
Lavers, J.D. *see* Namjoshi, K.V. 65915
Lavers, J.D. *see* Wanping Hu 107708
Lavers, J.D. *see* Xhu, Z.R. 103163
Lavers, J.D. *see* Yu, H.T. 65688
Lavers, J.D. *see* Yu, H.T. 116824
Laverty, S. *see* McLaughlin, J. 82749
Lavest, J.-M. *see* Sayd, P. 117678
Lavest, J.M. *see* Delherm, C. 67300
Lavi, R., Englander, A., Lallouz, R. Highly efficient low-threshold tunable all-solid-state intracavity optical parametric oscillator in the mid infrared 76187
Lavigne, B. *see* Trotel, A. 64581
Lavigne, G. *see* Holley, W.H. 112388

LaVigne, G. *see* Miller, S.L. 106289
Lavigne, M.B. *see* Franklin, S.E. 80683
Laville, J.L. *see* Lautridou, P. 69792
Lavoie, C. *see* Ritchie, S. 61187
Lavoie, J.L., Grondin, F., Rathie, A.K. Generalizations of Whipple's theorem on the sum of a ${}_3F_2$ 92366
Lavoie, M. *see* Varhue, W.J. 82619
Lavoie, M.A., Adams, E.D., Miles, G.L. Total reflection X-ray fluorescence analysis of planarized semiconductor product wafers 94648
Lavoie, P. A high-speed CMOS implementation of the Winograd Fourier transform algorithm 93476
Lavoie, P., Ionescu, D., Petriu, E.M. 3-D object model recovery from 2-D images using structured light 108591
Lavoie, P. *see* Granger, E. 108353
Lavole, M. *see* Andry, P.S. 82642
Lavorato, M.B., Fochesatto, G.J., Quel, E.J., Flamant, P.H. Preliminary backscatter lidar measurements of atmospheric boundary layer and cirrus clouds in Buenos Aires (34.6 S/58.5 W) 111199
Lavrent'ev, B.N. *see* Kovalev, V.P. 83567
Lavrent'ev, B.P. *see* Diyankov, V.S. 119961
Lavrijsen, C. *see* Brinkmanna, A. 78301
Lavrov, A.M. *see* Kazakov, V.A. 60819
Lavrov, A.M. *see* Kazakov, V.A. 103609
Lavrov, A.V., Volchkova, G.N., Bungova, T.A. Numerical modelling of power and spectral characteristics of subsonic discharge CO laser 107089
Lavrov, A.V. *see* Ikonnikov, V.K. 107086
Lavrov, I.M. *see* Fedyanin, V.Ya. 71107
Lavrov, Yu.M. *see* Turukhano, B.G. 76293
Lavrova, O.A. *see* Timofeev, F.N. 63320
Lavrushkin, V. *see* Kadyrov, A. 87023
Law, A., Lopes, L.B. Performance comparison of DCA call assignment algorithms within DECT 109519
Law, A.G. *see* Defez, E. 97926
Law, B. *see* Fu, C.Y. 60560
Law, B. *see* Spallas, J.P. 119658
Law, C.T., Swartzlander, G.A., Jr. Spatial switching with optical vortex solitons 107560
Law, G.W., Bell, K.D. Application of spacecraft system modeling techniques for the assessment of technology insertion 90670
Law, H.H., Borges, A., Robinson, G., Evans, M.D. Rate monitor for chemical etching of copper films 63413
Law, H.H. *see* Chen, H.S. 74619
Law, J. *see* Venkataramanan, G. 91065
Law, K. *see* Mazarakis, M.G. 120048
Law, K.H. *see* Aluru, N.R. 105843
Law, K.K. *see* Baude, P.F. 65244
Law, K.K. *see* Baude, P.F. 74430
Law, K.K. *see* Buijs, M. 85513
Law, K.L.E., Leon-Garcia, A. ATM multiplexers and output port controllers control and flexible queueing disciplines 88028
Law, M. *see* Guilbert, A.R. 100394
Law, M. *see* Jones, K.S. 62680
Law, M.E., Cee, S. Three-dimensional simulation of thermal processes 74815
Law, M.E. *see* Chaudhry, S. 63254
Law, N.F., Lane, R.G. Blind deconvolution using least squares minimisation 86963
Law, O.M.K., Salama, C.A.T. GaAs Schmitt trigger memory cell design 93370
Law, O.M.K., Salama, C.A.T. GaAs dynamic memory design 93371
Law, T., Itoh, H., Seki, H. Filtering images for edge detection using fuzzy reasoning 97917
Law, T. *see* Berman, S. 71878
Law, T. *see* Berman, S.M. 71877
Lawandy, N.M. *see* Balachandran, R.M. 65052
Lawandy, N.M. *see* Balachandran, R.M. 65058
Lawandy, N.M. *see* Balachandran, R.M. 116400
Lawandy, N.M. *see* Kyung, J.H. 65478
Lawandy, N.M. *see* Kyung, J.H. 65496
Lawandy, N.M. *see* Vartak, S.D. 95928
Laway, N.A., Gupta, H.O. Decomposition approach for the optimal coordination of directional overcurrent relays of large electrical power systems 91222
Lawee, M.S. *see* Katz, R.A. 69928
Lawes, R.A. Fabrication technology for microengineering 63975
Lawhead, L. *see* Criss, J. 81534
Lawler, J.E. Advanced spectroscopic diagnostics for lighting plasmas 62544
Lawler, J.E. *see* Menningen, K.L. 61368
Lawler, W.B. *see* Bright, C.L. 97970
Lawless, J.F., Thiagarajah, K. A point-process model incorporating renewals and time trends, with application to repairable systems 82344
Lawless, M.J. *see* Cheng, H.H. 62961
Lawlor, M.A. *see* Adams, A.E. 90732
Lawlor, U. Review of maintenance policy for distribution overhead networks 102059
Lawlor-Wright, T. *see* Gallagher, C. 83580
Lawn, J., Cipolla, R. Reliable extraction of the camera motion using constraints on the epipole 67287
Lawrance, W., Mielczarski, W., Michalik, G. Application of a new scheme for harmonic current reduction in three-phase bridge rectifier systems 91660
Lawrance, W.B., Michalik, G., Mielczarski, W., Szczepanik, J. Reduction of harmonic pollution in distribution networks 70903
Lawrence, B.L., Torruellas, W.E., Stegeman, G.I., Wright, E.M. Stable self trapping and ring formation in polydiacetylene para-toluene sulfonate 107576
Lawrence, B.L. *see* Fuerst, R.A. 107615
Lawrence, C., Nelson, D. Validation of the absolute extrinsic Fabry-Perot interferometer for strain measurements 79451
Lawrence, C.R. *see* Janssen, M.A. 99706
Lawrence, D., Evans, J., Yi-Chung Chao, Yeou-Jyh Tsai, Cohen, C., Walter, T., Enge, P., Powell, J.D., Parkinson, B. Integration of wide area DGPS with local area kinematic DGPS 68772
Lawrence, D.G. *see* Cohen, C.E. 70392
Lawrence, D.G. *see* Cohen, C.E. 79077
Lawrence, D.G. *see* Pervan, B.S. 70404
Lawrence, F.T., Firmstone, M.G. Polymer thick film: a "complementary" technology 83634
Lawrence, G. *see* Pascoe, T. 112839
Lawrence, G.P. Transmutation and energy production with high power accelerators 79797
Lawrence, J.L. *see* Kosonocky, W.F. 79546
Lawrence, K.C. *see* Nelson, S.O. 119850
Lawrence, P. *see* Petrovich, A. 79301
Lawrence, P.J., Jr., Berarducci, M.P. Navigation sensor, filter, and failure mode simulation results using the distributed Kalman filter simulator (DKFSIM) 70406
Lawrence, R. *see* Jokerst, S. 80724
Lawrence, R.K., Ioannou, D.E. Electron traps on high-temperature oxidized SIMOX buried oxides 84015
Lawrence, S., Giles, C.L., Ah Chung Tsoi Convolutional neural networks for face recognition 86385
Lawrence, S.P. *see* Yong Xue 111189
Lawrence, V.B. *see* Jayant, N. 118558
Lawrie, B.W. *see* Hughes, T.A.T. 80395
Lawrie, R.J. Infrared testing assures power reliability 71215
Lawrie, R.J. Energy management plan slashes power bills at Bell Labs 91013
Lawrie, R.J. Premium-efficiency motors slash electric costs during eight-hr operation 91878
Lawrie, R.J. Guidelines for engine-generator application designs 102493
Lawrie, R.J. What you should know about hazardous-area motors 102621
Lawrie, R.J. Premium-efficiency motors: soon they'll be law 102622
Lawrie, R.J. Guidelines for motor application designs 102693
Lawrie, R.J. Guidelines for engine-generator installations 121382
Lawrie, R.J. Guidelines for motor installations 121421
Lawson, D.I. Using neural network memory mechanisms to solve runtime routing problems 77131
Lawson, E. *see* Rice, B.W. 69260
Lawson, J.K. *see* Auerbach, J.M. 85567
Lawson, J.K. *see* Wolfe, C.R. 89531
Lawson, M. *see* Chen, K. 101182
Lawson, S. *see* Summerfield, S. 114108
Lawson, S.S. *see* Anderson, M.S. 93597
Lawson, W., Destler, W.W., Fernandez, A., Liu, A., Rodgers, J., Weinstein, J. Design of an efficient, low voltage, third harmonic, large-orbit gyrotron amplifier with a vane-resonator output cavity 62614
Lawson, W., Fernandez, A., Destler, W.W. Design of a low-voltage, high harmonic, pre-bunched gyro-amplifier 62605
Lawson, W., Garven, M., Nusinovich, G.S. On the design of electron guns for cyclotron resonance masers utilizing trochoidal electron beams (trochotrons) 107028
Lawson, W., Grigoropoulos, A., Liu, A., Saraph, G.P., Rodgers, J., Destler, W.W. Design of a high-efficiency low-voltage axially modulated cusp-injected second-harmonic X-band gyrotron amplifier 105044
Lawson, W., Hogan, B., Flaherty, M.K.E., Metz, H. Design and operation of a two-cavity third harmonic Ka-band gyroklystron 105055
Lawson, W., Saraph, G., Calame, J.P., Cheng, J., Castle, M., Hogan, B., Reiser, M., Granatstein, V.L., Metz, H. Design of three-cavity coaxial gyroklystron circuits for linear collider applications 100481
Lawson, W. *see* Calame, J.P. 100480
Lawson, W. *see* Castle, M. 62604
Lawson, W. *see* Cheng, J. 114518
Lawson, W. *see* Granatstein, V.L. 100479
Lawson, W. *see* Granatstein, V.L. 110488
Lawson, W. *see* Saraph, G.P. 105043
Lawton, D. *see* York, R.C. 79810
Lawton, M.C., Waters, J.D. The design of flexible receivers for communicating appliances 109363
Lawton, W., Barrett, J. Characterisation of chip-on-board and flip chip packaging technologies by acoustic microscopy 112902
Lawton, W., Lee, S.L., Zuowei Shen An algorithm for matrix extension and wavelet construction 60985
Lawton, W. *see* Doyle, R. 92273
Lawton, W. *see* Kelly, G. 60607
Lawu, T., Tabei, M., Ueda, M. Analysis of the near-field transient radiation considering the velocity amplitude on the transducer face 90855
Laxadal, R. *see* Kuo, T. 100702
Laxdal, R.E. Using a pulsed deflector for extraction of pulsed beams from the TRIUMF cyclotron 100725
Laxman, R.K., Hochberg, A.K., Roberts, R.A., Vrtis, R.N., Ovalle, S. Plasma-enhanced chemical vapour deposition of fluorinated silicon dioxide films using novel alkylsilanes 61366
Laxmark, J. A network simulation model for adaptive HF systems 101641
Laxson, D. *see* Elabd, H. 69294
Lay, G.Le *see* Le Lay, G.
Lay, M.D. *see* Bowler, M.G. 120172
Lay, T. *see* Yu-Shen Zhang 80603
Lay, W.L. *see* Yeo, T.S. 111103
Lay, Y.L. *see* Lin, C.S. 85737
Lay CHoong-Wen *see* CHoong-Wen Lay
Lay Teo Kok *see* Kok Lay Teo
Lay Yun Long *see* Yun Long Lay
Layaida, N., Sabry-Ismail, L. Maintaining temporal consistency of multimedia documents using constraint networks 87895
Laycock, P.J. *see* Pantjiaros, C.A. 97102
Laycock, S. *see* Jongen, Y. 101424
Laycock, W.J. Enhancing the performance of distribution networks 70863
Laycock, W.J. Adaptive reclosure of HV overhead lines 121192
Laycock, W.J. *see* Booth, C. 121819
Layer, D.H. *see* Miller, S.P. 98799
Layet, B. *see* Bett, T.H. 85419
Laymon, C.M. *see* Schmid, G.J. 120215
Layo, F. *see* Lasheras, F. 101874
Layos, M. *see* Deliyannis, T. 73531
Layos, M.C., Haritantis, I. A new filter building block in CMOS technology 104695
Lazanu, S. Bulk damage in silicon detectors 90192
Lazanu, S. *see* Biggeri, U. 90126
Lazanu, S. *see* Biggeri, U. 100898
Lazar, A.A., Koon-Seng Lim Programmability and service creation for multimedia networks 109240
Lazar, A.A., Koon-Seng Lim, Marconcini, F. Realizing a foundation for programmability of ATM networks with the binding architecture 109203
Lazar, A.A., Weiguo Wang Architectural design and implementation of the Singapore high-speed ATM-testbed 117981
Lazar, A.A. *see* Aneroussis, N.G. 87311
Lazar, A.A. *see* Deng, R.H. 76765
Lazar, A.A. *see* Deng, R.H. 78053
Lazar, A.A. *see* Huard, J.-F. 108860
Lazar, A.A. *see* Jelenkovic, P.R. 87326
Lazar, A.A. *see* Jelenkovic, P.R. 108823
Lazar, A.A. *see* Korilis, Y.A. 87608
Lazar, A.A. *see* Mazumdar, S. 77892
Lazar, J., Cuk, S. Feedback loop analysis for AC/DC rectifiers operating in discontinuous conduction mode 71456
Lazar, M.S., Bruton, L.T. Combining the discrete wavelet transform and mixed-domain filtering 77400
Lazarakis, F. *see* Kostarakis, P. 119006
Lazareff, B. *see* Karpov, A. 62297
Lazarescu, E. *see* Micu, D. 71325
Lazarescu, M.F. *see* Manea, S.A. 75679
Lazarescu, V. *see* Dumitras, A. 108730
Lazarev, A.B. *see* Anischenko, N.G. 120106
Lazarev, A.B. *see* Bazhanov, N.A. 69699
Lazarev, G.S. *see* Dubinov, A.E. 107996
Lazarev, N. *see* Chubun, N. 74051
Lazarev, N.E. *see* Suvorov, A.L. 74039
Lazarev, N.E. *see* Suvorov, A.L. 104996
Lazarev, V.V., Bannov, V.S., Polskhikh, E.D., Chayanov, B.A. Pyro- and piezoelectric activity of organic thin films 106315
Lazareva, L.S. *see* Sverdlov, V.Ya. 95419
Lazareva, N.M. *see* Antonov, V.I. 120954
Lazarevic, Z., Kuzmanic, I. Global maritime distress and safety system and one-man bridge operation 79040
Lazarevic, Z., Radosavljevic, R., Osmokrovic, P. A new thermal observer for squirrel-cage induction motor 111942
Lazaridis, M., Capitao, J.A., Drossinos, Y. Modeling of boron species in the Falcon 17 and ISP-34 integral tests 111749
Lazaris-Brunner, K. *see* Majeed, R.M. 78631
Lazaris-Brunner, K. *see* Yan Meng 119070
Lazaro, A.M., Rafecas, F.C. Virtual instrumentation for the design of analogue devices using the Code Interface Node 62007
Lazaro, A.M., Sanchez, F., Ramos, R., Guinjoan, F. Automated test system for the characterization of switching regulators using VXI instrumentation 109995
Lazaro, J.A., Rebolledo, M.A. Numerical simulation of bending effects in erbium-doped fibre amplifiers 65081
Lazaro, J.A. *see* Valles, J.A. 107197
Lazaro Joares, V.J. *see* Roger-Folch, J. 81468
Lazarouk, S., Bondarenko, V., Jaguiro, P., Lacquaniti, N., La Monica, S., Maiello, G., Masini, G., Ferrari, A. Electrical characterization of visible emitting electroluminescent Schottky diodes based on n-type porous silicon and on highly doped n-type porous polysilicon 96036
Lazarouk, S., Bondarenko, V., La Monica, S., Maiello, G., Masini, G., Pershukevich, P., Ferrari, A. Electroluminescence from aluminum-porous silicon reverse-biased Schottky diodes formed on the base of highly doped n-type polysilicon 94904

Lazarouk, S., Jaguiro, P., Katsouba, S., La Monica, S., Maiello, G., Masini, G., Ferrari, A. Visible light from aluminum-porous silicon Schottky junctions 94577
Lazarov, R. *see* Zhangxin Chen 61096
Lazeregue, M.S. *see* Noureddine, F. 103510
Lazeroms, M., La Haye, A., Sjoerdsma, W., Schreurs, W., Jongkind, W., Honderd, G., Grimbergen, C. A hydraulic forceps with force-feedback for use in minimally invasive surgery 80418
Lazhintsev, B.V. *see* Boichenko, A.M. 75808
Lazic, D. *see* Lundin, M. 69805
Lazic, D.E., Kalouti, H., Beth, T. Weights of long primitive binary BCH-codes are not binomially distributed 66365
Lazoff, D.M., Stephens, A.B. Optimal-availability placement of replicated data in distributed systems 109030
Lazovsky, L.Y. *see* Dalinenko, I.N. 100094
Lazovsky, L.Y. *see* Kossov, V.G. 100095
Lazovsky, L.Y. *see* Ryvkind, V.L. 100100
Lazovsky, L.Yu. *see* Dalinenko, I.N. 79524
Lazovsky, L.Yu. *see* Golovkin, S.V. 80125
Lazrak, T. *see* Costa, M. 90231
Lazrak, T. *see* Costa, M. 100982
Lazreq, Z., Ville, J.M. Acoustic calibration of a pressure-velocity probe 90861
Lazzari, J.L. *see* Baranov, A.N. 106993
Lazzari, M. *see* Bergamasco, G. 122055
Lazzari, M. *see* Boglietti, A. 111968
Lazzari, S. *see* Sansoni, G. 66893
Lazzarin, R.M., Longo, G.A., Romagnoni, P.C. A new HVAC system based on cogeneration by an IC engine 91958
Lazzarino, M., Ozzello, T., Bratina, G., Vanzetti, L., Paggel, J.J., Sorba, L., Franciosi, A. Improved contact resistance to n-type wide gap II-VI semiconductors 74462
Lazzarino, M. *see* Sorba, L. 105461
Lazzaro, P. *see* Broccolini, F. 108965
Lazzaroni, N., Ragaini, E. Gabor-like transforms for transient analysis in electrical systems 111461
Lazzeroni, C. *see* Autiero, D. 80006
Lazzi, G. *see* Gandhi, O.P. 120541
Lazzouni, M.E. *see* Weman, H. 62915
Le, C. *see* Ishimaru, A. 85838
Le, C.T.C. *see* Tsz-King Chan 70453
Le, D.B., Passerini, S., Chu, X., Chang, D., Owens, B.B., Smyrl, W.H. High surface area V_2O_5 aerogel intercalation electrodes 81684
Le, D.B. *see* Passerini, S. 81683
Le, D.B. *see* Tipton, A.L. 81697
Le, F. *see* Happ, L. 109769
Le, H. *see* Keir, P.D. 116249
Le, H.A., Banerjee, K., McPherson, J.W. The dependence of W-plug via EM performance on via size 74620
Le, H.C., Dreyfus, R.W., Marine, W., Sentis, M., Movtchan, I.A. Temperature measurements during laser ablation of Si into He, Ar and O_2 92832
Le, H.C. *see* Movtchan, I.A. 94625
Le, H.M. *see* Park, J.Y. 107014
Le, H.Q. *see* Darwish, A.M. 96616
Le, K.D. *see* Cole, L.A. 91062
Le, M. *see* Tran, L. 83442
Le, M.T., Rabaey, J. A global QoS management for wireless network 119096
Le, T.N. *see* Friedman, V. 68155
Le, T.T., Mason, J.S. Artificial neural networks for nonlinear time-domain filtering of speech 86121
Le, T.V. *see* Ristau, D. 107433
Le Bars, J.M., Stafford, J.V. A GPS backpack system for mapping soil and crop parameters in agriculture fields 99450
Le Berre, D., Perennec, A., Julien, N., Toutain, S., Lefevre, R., Lemaillet, D., Soares, R. Broad-band laser circuit command design for antenna deport 65332
Le Berre, P. *see* Sapriel, J. 85164
Le Bihan, J., Yabre, G. Distortion in a semiconductor laser under quasi-sinusoidal current modulation 96394
Le Bihan, J. *see* Pucel, B. 78929
Le Bihan, R., Averty, D., Pain, D., Aleksandrovski, A.L., Naumova, I.I. Study of lithium niobate with periodically reversed domains 106362
Le Blanc, A. *see* Swarnakar, V. 110708
Le Blanc, C., Curley, P., Cheriaux, G., Darpentigny, G., Hamoniaux, G., Rousseau, P., Salin, F., Chambaret, J.P., Antonnetti, A. Amplification of femtosecond pulses up to 20 TW at 10 Hz in Ti:sapphire 96229
Le Blanc, C., Curley, P., Salin, F. Gain-narrowing and gain-shifting of ultra-short pulses in Ti:sapphire amplifiers 116457
Le Blanc, C. *see* Barty, C.P.J. 65135
Le Blanc, C. *see* Barty, C.P.J. 96233
Le Blanc, C. *see* Curley, P.F. 107219
Le Blanc, C. *see* Yamakawa, K. 107442
Le Blanc, M.J., Rajabi, M., Sweeney, D.P. Regionalized supervisory control and data acquisition system for the Mead-Adelanto project 121056
Le Blanc, S.P. *see* Siders, C.W. 79839
Le Boiteux, S. *see* Bousquet, B. 76209
Le Boiteux, S. *see* Segonds, P. 79741
Le Boudec, G. *see* Lefevre, H.C. 75470
Le Boudec, J.-Y. *see* Robert, S. 118051
Le Breton, A., Novikov, A. Some results about averaging in stochastic approximation 92404
Le Bricquir, S. *see* Doldi, L. 118189
Le Buhan, C. Software-embedded data retrieval and error concealment scheme for MPEG-2 video sequences 86585
Le Cadre, J.-P. On the properties of a relative entropy functional 66856
Le Cadre, J.P. *see* Tremois, O. 87189
Le Caillec, J.M., Garello, R., Chapron, B. Study of the second order approximation of the velocity bunching in the SAR imaging process using the bispectrum 120826
Le Calvez, A. *see* Maleck-Rassoul, R. 76213
Le Carpentier, E. *see* Vuattoux, J.-L. 117497
Le Chevalier, F. Use of low frequencies in radar 70595
Le Chevalier, F. *see* Guerin, A. 66006
Le Contellec, M. *see* Lerme, M. 84227
Le Cornec, C. *see* Pain, L. 105763
Le Cornec, C. *see* Vinet, F. 63491
Le Cornec, C. *see* Vinet, F. 84269
Le Corre, A. *see* de Matos, C. 75726
Le Corre, A. *see* Ponchet, A. 61292
Le Corre, N. *see* Sacilotti, M. 94476
Le Crom, M. *see* Bayart, D. 75844
Le Dain, L. *see* Gerstenmayer, J.-L. 80139
Le Dantec, V. *see* Demarez, D.V. 120907
Le Diberder, F. *see* Tenenbaum, P. 89675
Le Du, F. *see* Hornung, V. 96062
Le Du, F. *see* Hornung, V. 116552
Le Du, P. *see* Costa, M. 90231
Le Du, P. *see* Costa, M. 100982
Le Duc, H.G. *see* Stimson, P.A. 68809
Le Duff, J. *see* Faus-Golfe, A. 69679
Le Duff, J. *see* Thiery, Y. 110519
Le Dung Muu *see* Le Thi Hoai An 113188
Le Ferrand, H. The vector QD algorithm for smooth functions (f,f') 113205
Le Flem, G. *see* Bousquet, B. 76209
Le Flem, G. *see* Cardinal, T. 96732
Le Flem, G. *see* Segonds, P. 79741
Le Flem, G.D. High performance high speed induction motors 91505
Le Fleming, R. EPD comes of age 101469
Le Floch, A. *see* Balcou, P. 96589
Le Floch, A. *see* Poirson, J. 76083
Le Fol, G. *see* Barzic, R. 83133
Le Foulgoc, K. *see* Lucas, J. 115990
Le Gac, I. *see* Chawki, M.J. 88577
Le Gall, C.A., Jianmin Qu, McDowell, D.L. Delamination cracking in encapsulated flip chips 112932
Le Gall, H. *see* Guillot, M. 75156
Le Gall, H. *see* Sbiaa, R. 115614
Le Gall, J.Y. *see* Kluth, M.P. 104550
Le Gargasson, C. *see* Stachetti, V. 80561
Le Gargasson, C. *see* Stachetti, V. 111050
Le Gargasson, J.-F. *see* Rigaudiere, F. 70144
Le Goff, A. *see* Junquera, T. 100495
Le Goff, A. *see* Maissa, S. 73971
Le Goff, E. *see* Dujardin, G. 63342
Le Gouet, J.-L. *see* Ratsep, M. 96831
Le Gouezigou, O. *see* Delansay, P. 109646
Le Gouguec, T., Toutain, S., Bourreau, D., Blot, J.P., Sabatier, C. Excitation of two-dimensional arrays of endfire antennas by X- and Ku-band uniplanar feed circuits for applications in satellite telecommunications 66142
Le Gouguec, T. *see* Hettak, K. 93661
Le Gourezigou, O. *see* Gurib, S. 116530
Le Gourrierec, P. *see* Acher, O. 64203
Le Gouziegou, O. *see* Hornung, V. 96062
Le Guen, D. *see* Favre, F. 78647
Le Guern, H. *see* Moreau, J.-F. 110647
Le Guyadec, E. *see* Maury, J. 116384
Le Hegarat-Mascle, S. *see* Zribil, M. 120706
Le Hellard, D., Henry, J.P., Agnesina, E., Moruzzis, M. Ground clutter modelling and simulation for surface-based radars 68691
Le Huitouze, S. *see* Duchier, D. 95105
Le Huy Linh Anh *see* Huy Linh Anh Le
Le Kim, H., Hadjsaid, N., Sabonnadiere, J.-C. A new contingency selection approach to cyclic security analysis 80815
Le Kim, H., Hadjsaid, N., Sabonnadiere, J.-C. Local pre-screening applied to cyclic security analysis 91053
Le Lay, G. *see* Aristov, V.Y. 114810
Le Letty, R. *see* Claeyssen, F. 115877
Le Lourec, P. *see* Chbat, M. 78716
Le Masson, G. *see* Dupeyron, D. 62135
Le Masson, S. *see* Dupeyron, D. 62135
Le Men, H. *see* Deseilligny, P. 86613
Le Mestre, G., Pele, D. Trinocular image analysis for virtual frame reconstruction 86539
Le Meur, J. *see* Aleksan, R. 62561
Le Minh *see* Minh Le
Le Moal, P., Minotti, P., Ferreira, A., Cusin, P. Design and optimization of batch-fabricated rotative piezomotors 121526
Le Moal, P. *see* Ferreira, A. 112020
Le Moal, P. *see* Ferreira, A. 121527
Le Moigne, G. *see* Gouronnec, A. 84981
Le Moigne, J., Cromp, R.F. The use of wavelets for remote sensing image registration and fusion 97870
Le Moigne, P. *see* Bartholomeus, P. 71511
Le Moigne, P. *see* Cambronne, J.P. 91610
Le Moigne, P. *see* Hembert, F. 121633
Le Moigne, P. *see* Midavaine, H. 121703
Le Naour, S., Lacaze, A., Laumond, Y., Estop, P., Verhaege, T. AC current distribution and losses in multifilamentary superconductors exposed to longitudinal magnetic field 102180
Le Neve, M., Vial, J.C., Jolly, A., Coic, H., Feru, P., Maruenda, P., Vicrey, J. Saturation study of Cr^{4+}:YAG pumped at 1.06 μm 76211
Le Normand, F., Amault, J.C., Parasote, V., Fayette, L., Marcus, B., Mermoux, M. Early stages of diamond growth by chemical-vapor deposition monitored both by electron spectroscopies and microstructural probes 92872
Le Ny, R. *see* Pouzet, J. 92788
Le Palud, M., Ravard, O. Measurements of path losses over irregular and woody terrain at 61 MHz compared with propagation predictions given by various models 107914
Le Paven-Thivet, C. *see* Perrin, A. 61281
Le Person, H. *see* Palmier, J.F. 93786
Le Peuch, O. *see* Hernandez, R. 112953
Le Pezennec, H. *see* Eleftheriades, G.V. 93886
Le Rille, A. *see* Peremans, A. 76201
Le Roux, B.T., El-Hage, N., Cruise, R.J., Landy, C.F. Position control of a ropeless elevator 103206
Le Roux, D.B., Cloete, J.H. An alternative formulation for scattering by a half-plane 116862
Le Roux, G. *see* Cohen, G.M. 74535
Le Roux, G. *see* Lamare, B. 103875
Le Roy, I. *see* Blouvac, J. 68700
Le Sage, G.P., Feng, H.X.C., Laurent, L.L., Hartemann, F.V., Luhmann, N.C., Jr., Fochs, S.N., Perry, M.D., Westenskow, G.A., Heritage, J.P. Theory and design of a photoinjector-driven chirped pulse free-electron maser 107031
Le Sage, G.P., Fochs, S.N., Feng, H.X.C., Hartemann, F.V., Luhmann, N.C., Jr., Heritage, J.P., Perry, M.D., Westenskow, G.A. Millimeter-wave photoinjector-driven chirped-pulse free-electron laser 65381
Le Sage, G.P., Laurent, L.L., Troha, A.L., Feng, H.X.C., Hartemann, F.V., Luhmann, N.C., Jr., Heritage, J.P., Fochs, S.N., Perry, M.D., Westenskow, G.A. Transform-limited coherent synchrotron radiation wavepackets in a photoinjector-driven chirped pulse free-electron laser 116571
Le Sage, G.P. *see* Fochs, S.N. 65147
Le Sage, G.P. *see* Hartemann, F.V. 76047
Le Stradic, B. Antennas at MMS, from L-band to over 200 GHz 66022
Le Strat, E., Sauquet, E. Spectrum efficiency: Getting the best out of GSM 109467
Le Suave, R. *see* Augustin, J.M. 111249
Le Tan Loe *see* Tan Loe Le
Le Tang, Kolluri, S., McGranaghan, M.F. Voltage flicker prediction for two simultaneously operated AC arc furnaces 122103
Le Tang *see* Bernard, S. 90923
Le Thi Hoai An, Pham Dinh Tao, Le Dung Muu Numerical solution for optimization over the efficient set by d.c. optimization algorithms 113188
Le Thi Hoai An *see* Thai Quynh Phong 82475
Le Tiec, Y. *see* Di Cioccio, L. 74508
Le Toan, T., Ribbes, F., Hahn, T., Floury, N., Wasrin, U.R. Use of ERS-1 SAR data for forest monitoring in South Sumatra 111345
Le Toan, T. *see* Floury, N. 120906
le Toan, T. *see* Mattia, F. 120728
Le Toan, T. *see* Souyris, J.-C. 111344
Le Tourneur, G. *see* Mahieux, Y. 79193
Le Tourneur, P. *see* Cluzeau, S. 110498
Le Traon, P.Y., Gaspar, P., Bouyssel, F., Makhmara, H. Using Topex/Poseidon data to enhance ERS-1 data 90817
Le Traon, P.Y. *see* Blanc, F. 90816
Le Tuong Huu *see* Tuong Huu Le
Le Vie, D.S., Jr. The question of certification: Do technical communicators need it? 112690
Le Vine, D.M., Karam, M.A. Dependence of attenuation in a vegetation canopy on frequency and plant water content 111160
Le Vine, D.M., Weissman, D.E. Calibration of synthetic aperture radiometers in space: antenna effects 111177
Le-Huy, H. *see* El Hakimi, A. 101754
Le-Huy, H. *see* Tarbouchi, M. 71299
Le-Ngoc, T. *see* Kanj, K. 88285
Le-Ngoc Tho *see* Tho Le-Ngoc
Le-Pond Chin, Jin-Fu Chang Performance of a two-layer low Earth orbiting satellite communication network 88314
Le-Sheng Chou, Cheng-Shang Chang Experiments of the theory of effective bandwidth for Markov sources and video traces 87323
Le-Tien Jung *see* Manna, I. 61878
Lea, E., Weiss, B.L. Photoelastic waveguides in silicon 95767
Lea Chin-Tau *see* Chin-Tau Lea
Lea-Wilson, N.D., Cooke, R.D., Berney, A.E., Edwards, A. Optical and hybrid access networks: a review of roadblocks and opportunities at the physical layer 67941
Leach, A.P. *see* Lees, G.P. 110181
Leach, C. *see* Russell, J.D. 62739
Leach, C. *see* Russell, J.D. 106351
Leach, G. A single performance measure for perimeter intruder detection systems 113056
Leach, K.E. *see* Sen, A. 112327
Leach, P. *see* Ming-Feng Shih 116650
Leach, P.D. *see* Peddell, J.B. 65702
Leach, P.J. *see* Jones, M.B. 118260

Leach, R. CCD controller requirements for ground-based optical astronomy 100133
Leach, R. Digital control for embedded applications 104612
Leach, R.R., Jr., Dowla, F.U. Earthquake early warning system using real-time signal processing 111154
Leach, R.R., Jr. *see* Dowla, F.U. 110660
Leachman, R.C., Hodges, D.A. Benchmarking semiconductor manufacturing 63845
Leachman, R.C. *see* Yi-Feng Hung 60564
Leadbeater, M., Claughton, N.R., Lambert, C.J., Prigodin, V.N. Theory of Andreev resonances in quantum dots 105370
Leahy, R.M. *see* Mumcuoglu, E.U. 101327
Leahy, R.M. *see* Mumcuoglu, E.U. 110687
Leahy, R.M. *see* Phillips, J.W. 101336
Leake, B. *see* Kaaden, J. 109930
Leal, J.L., Kryder, M.H. Interlayer coupling in spin valve structures 115634
Leal, M.Y.M., Bermudez, L.A. MEF system: an object-oriented finite element package 96897
Lealman, I.F. *see* Collins, J.V. 72293
Lealman, I.F. *see* Collins, J.V. 112941
Lealman, I.F. *see* Kelly, A.E. 107303
Lealman, I.F. *see* Rogers, D.C. 78692
Leaney, P.G. *see* Clark, A.J. 73875
Leang, S. *see* Spanos, C.J. 63510
Leang, S.E., Chan, D.S.H., Chim, W.K. Characterization of hot-carrier degradation in non-isolated MOSFETs using a new gate-current measurement technique 74730
Leang, S.E., Chan, D.S.H., Chim, W.K. A new purely-experimental technique for extracting the spatial distribution of hot-carrier-induced interface states and trapped charges in MOSFETs 95030
Leang Sovarong *see* Sovarong Leang
Leao, M.T.Ponce de *see* Ponce de Leao, M.T.
Lear, K.L., Choquette, K.D., Hadley, G.R., Hou, H.Q., Mar, A., Geib, K.M. Analysis of a sub-microampere laser diode 107286
Lear, K.L., Kilcoyne, S.P., Schneider, R.P., Jr., Choquette, K.D., Hadley, G.R. High efficiency oxide confined vertical cavity surface emitting lasers 65331
Lear, K.L., Kilcoyne, S.P., Schneider, R.P., Jr., Nevers, J.A. Life-testing oxide confined VCSELs: too good to lost? 96311
Lear, K.L., Schneider, R.P., Jr., Choquette, K.D., Kilcoyne, S.P. Index guiding dependent effects in implant and oxide confined vertical-cavity lasers 65300
Lear, K.L. *see* Blum, O. 85520
Lear, K.L. *see* Carson, R.F. 68411
Lear, K.L. *see* Carson, R.F. 116288
Lear, K.L. *see* Choquette, K.D. 65316
Lear, K.L. *see* Choquette, K.D. 107284
Lear, K.L. *see* Mar, A. 119255
Leard, M. *see* Brochard, J. 67453
Leary, T. *see* Sholley, M. 88699
Leask, M.J.M. *see* Wang, G.M. 75411
Leath, P.L. Current-driven effects in disordered arrays of Josephson junctions 95470
Leathen Shi *see* Tiwari, S. 95086
Leather, P.S.H., Parsons, J.D. Handheld antenna diversity experiments at 450 MHz 78468
Leavers, V.F., Erwood, A.F. The extraction and identification of language specific information-bearing parameters from digitised speech samples 86130
Leavitt, D.D. *see* Galvin, J.M. 80462
Lebby, M., Gaw, C.A., Wenbin Jiang, Kiely, P.A., Chan Long Shieh, Claisse, P.R., Ramdani, J., Hartman, D.H., Schwartz, D.B., Grula, J. Use of VCSEL arrays for parallel optical interconnects 99511
Lebby, M., Gaw, C.A., Wenbin Jiang, Kiely, P.A., Chan Long Shieh, Claisse, P.R., Ramdani, J., Hartman, D.H., Schwartz, D.B., Grula, J. Characteristics of VCSEL arrays for parallel optical interconnects 116286
Lebby, M. *see* Schwartz, D.B. 96052
Lebeau, B. *see* Sanchez, C. 115981
Lebeau, M. *see* Basti, G. 90164
Lebed, L. *see* Gitelson, A. 120885
Lebedenko, V. *see* Angelini, F. 69127
Lebedev, A.A. Influence of a nonuniform impurity distribution over an area on the determination of the concentration of the impurity 63258
Lebedev, A.A. Application of deep level transient spectroscopy for investigation of the parameters of SiC-based p-n structures 74348
Lebedev, A.A., Mal'tsev, A.A., Poletaev, N.K., Rastegaeva, M.G., Savkina, N.S., Strel'chuk, A.M., Chelnokov, V.E. 6H-SiC pn structures fabricated by sublimation growth of p+ layer on CVD epitaxial layers of n-type conductivity 105301
Lebedev, A.A., Rud', V.Yu., Rud', Yu.V. Photoluminescence of anodically etched copper indium diselenide 95958
Lebedev, A.A., Strel'chuk, A.M., Ortolland, S., Raynaud, C., Locatelli, M.L., Planson, D., Chante, J.P. The negative temperature coefficient of the breakdown voltage of SiC p-n structures and deep centers in SiC 105302
Lebedev, A.A. *see* Astrova, E.V. 64960
Lebedev, A.A. *see* Ortolland, S. 114694
Lebedev, A.N. *see* Agafonov, A.V. 83719
Lebedev, A.V. *see* Toropov, A.A. 63007
Lebedev, A.V. *see* Toropov, A.A. 75930
Lebedev, E.A., Polisskii, G., Petrova-Koch, V. Drift mobility of charge carriers in porous silicon 114552
Lebedev, I.V., Shnitnikov, A.S. A novel millimeter-wave limiter diode 73699
Lebedev, I.V., Shnitnikov, A.S., Drozdovski, N.V., Drozdovskaia, L.M. Passive microwave limiter with a new semiconductor diode and a novel electrodynamic system 62245
Lebedev, K.S. *see* Lukishova, S.G. 96668
Lebedev, K.S. *see* Lukishova, S.G. 96740
Lebedev, K.S. *see* Lukishova, S.G. 116593
Lebedev, L.V., Shnitnikov, A.S., Drozdovskaya, L.M. Minimal reverse bias voltage of the high-power pin-diode switch 74695
Lebedev, M. *see* Gusev, Yu. 99448
Lebedev, M.V. *see* Bessolov, V.N. 114945
Lebedev, N.I. *see* Dolbilov, G.V. 94192
Lebedev, N.I. *see* Dolbilov, G.V. 96490
Lebedev, N.I. *see* Fateev, A.A. 89608
Lebedev, O.P. Decreasing transient beam loading in RF cavities of U-70 accelerator 100502
Lebedev, P. *see* Shiltsev, V. 89612
Lebedev, S.V. Magneto-optical direct-current meter for urban traffic power systems 81183
Lebedev, S.V., Machida, M., Moshkalyov, S.A., Campos, D.O. Investigation of the pseudospark produced intense electron beam 110513
Lebedev, S.V. *see* Moshkalyov, S.A. 94741
Lebedev, V.A. Diffraction-limited resolution of the optical transition radiation monitor 69649
Lebedev, V.B. *see* Drozdov, S.V. 113292
Lebedev, V.B. *see* Drozdova, S.V. 92742
Lebedev, V.N. *see* Zalyubovskii, I.I. 69797
Lebedeva, G.N. Spherical reflecting antennas with corrected feeds 66089
Lebedeva, L.M. *see* Kovalyov, G.F. 101697
Lebedeva, T.S., Navala, S.Ya., Shpilevoy, P.B., Vojtovich, I.D. Express-control of superconducting microcircuits technology by anodization spectroscopy method 95490
Lebel, R. *see* Greene, A. 90033
Lebens, J.A., McCalgin, W.C., Russell, J.B., Mori, E.J., Shive, L.W. Unintentional doping of wafers due to organophosphates in the clean room ambient 114900
Lebensztajn, L., Cardoso, J.R. Linear and nonlinear self-adaptive finite element field calculation 96869
Leberl, F. *see* Gelautz, M. 68558
Leberl, F. *see* Gelautz, M. 111099
Lebesque, J.V. *see* Bel, A. 90576
Lebet, J.P., Barbault, A., Rossel, C., Tomic, Z., Reite, M., Higgs, L., Dafni, U., Amato, D., Pasche, B. Electroencephalographic changes following low energy emission therapy 70212
Lebey, T. *see* Bellomo, J.P. 95250
Lebey, T. *see* Dinculescu, S. 110324
Lebey, T. *see* Mbaye, A. 121467
Lebib, S. *see* Cantin, J.L. 94259
Lebiedowska, M.K. *see* Stein, R.B. 110657
Lebihan, J.-C. *see* Marbot, R. 78055
Lebihen, T. *see* Deleporte, E. 62802
Lebkiri, A. *see* Svob, L. 74164
LeBlanc, D.J., Venhovens, P.J.T., Lin, C.-F., Pilutti, T.E., Ervin, R.D., Ulsoy, A.G., MacAdam, C., Johnson, G.E. A warning and intervention system to prevent road-departure accidents 71863
Leblanc, E., Daughtry, C.S.T., Mulchi, C.L. Remote sensing of crop responses to ozone and carbon dioxide treatments 120888
LeBlanc, H.P. *see* Amersfoort, M.R. 75660
LeBlanc, H.P. *see* Amersfoort, M.R. 88482
LeBlanc, H.P. *see* Soole, J.B.D. 106926
Leblanc, H.P. *see* Soole, J.B.D. 106928
Leblanc, J. *see* De Moor, P. 69800
LeBlanc, L. *see* Mahey, P. 67602
LeBlanc, L.J., Park, J.S., Sridhar, V., Kalvenes, J. Topology design and bridge-capacity assignment for interconnecting token ring LANs: a simulated annealing approach 109120
LeBlanc, L.R., Beaujean, P.-P. Multi-frequency shift key and differential phase shift key for acoustic modem 88660
LeBlanc, L.R., Cuschieri, J.M., Singer, M.R., Beaujean, P.-P.J. Electronically steered and focused forward-looking scan sonar 88739
LeBlanc, M., Huang, S.Y., Ohn, M., Measures, R.M., Guemes, A., Othonos, A. Distributed strain measurement based on a fiber Bragg grating and its reflection spectrum analysis 110192
Leblanc, M.A.R. The effect of bias magnetic fields and currents on ac losses in type II superconductors 64524
LeBlanc, S.E., Fogler, H.S. Interactive creative problem solving 60437
Leblanc, W.P. *see* Noel, D.P. 94110
Leblans, P.J.R. *see* Dietze, C. 95965
Leblebici, Y. Design considerations for CMOS digital circuits with improved hot-carrier reliability 73193
Leblebici, Y., Ozdemir, H., Kepkep, A., Cilingiroglu, U. A compact high-speed (31,5) parallel counter circuit based on capacitive threshold-logic gates 93260
Leblebici, Y. *see* Ozdemir, H. 93257
Leblebicioglu, K. *see* Sahin, F. 81429
Leblond, A. *see* Crippa, C. 109505
Leblond, B., Kuznetsov, G., Batazova, M. Short pulse photoemission from LaB_6-based materials 62647
Leblond, B. *see* Travier, C. 90084
Leboeuf, J.N. *see* Chen, K.R. 96595
Lebon, F. *see* Fjortoft, R. 109757
Lebouche, N. *see* Gerard, J.M. 72844
Lebouche, N. *see* Moison, J.M. 61176
LeBoudec, G. *see* Martin, P. 84990
Lebourges, M., Olivier, P., Petit, D. A macroscopic overall grade of service model for telephone circuit-switched networks 77900
Lebourges, M. *see* Baccelli, F. 67606
Lebovics, I. Active noise reduction: advanced technology for improved communication 88143
Lebow, M.A. *see* Batruni, R. 102786
Lebowitz, C. *see* Zoughi, R. 113575
Lebref, R. *see* Landousies, B. 119138
Lebret, H. Convex optimization for antenna array processing 117480
Lebreton, G., Christogiannis, C. High density holographic memory optimization in lithium niobate (Fe doped) with spherical reference 84962
LeBron Paige, A., Ozdamar, O., Delgado, R.E. Two-dimensional spectral processing of sequential evoked potentials 90533
Lebrun, A. *see* Capitaine, T. 86698
Lebrun, C. *see* Froidure, J.-C. 78834
Lebrun, D., Belaid, S., Ozkul, C., Ren, K.F., Grehan, G. Enhancement of wire diameter measurements: comparison between Fraunhofer diffraction and Lorenz-Mie theory 79693
Lebrun, D. *see* Ozkul, C. 107686
Lebrun, L., Petit, L., Gonnard, P. Piezoelectric motor using a (1,1) nonaxisymmetric mode 95299
LeBrun, L. *see* Bardwell, J.A. 74612
Leburton, J.-P. *see* Jin Wang 116513
Leburton, J.-P. *see* Wang, J. 85533
Leburton, J.P. *see* Jin Wang 107253
Leburton, J.P. *see* Johnston, S.W. 83893
Lec, R.M. Acoustic wave sensors 101610
Leca, P. *see* Spalding, I. 107087
Lecacheux, A. *see* Jost, H. 90811
Lecarval, G. *see* Bouvier, S. 95202
Leccabue, F. *see* Ceresara, L. 92907
Lecce, V.Di *see* Di Lecce, V.
LeCheminant, G.D. Testing tells how well clock-recovery circuits counteract jitter 73495
Lechner, A. *see* Pribyl, W. 61654
Lechner, P., Eckbauer, S., Hartmann, R., Krisch, S., Hauff, D., Richter, R., Soltau, H., Strueder, L., Fiorini, C., Gatti, E., Longoni, A., Sampietro, M. Silicon drift detectors for high resolution room temperature X-ray spectroscopy 110554
Lechner, P., Hartmann, R., Soltau, H., Strueder, L. Pair creation energy and Fano factor of silicon in the energy range of soft X-rays 110543
Lechner, P. *see* Brauninger, H. 90702
Lechner, P. *see* Cesura, G. 110581
Lechner, P. *see* Fasoli, L. 90196
Lechner, P. *see* Hartmann, R. 89070
Lechner, P. *see* Hartmann, R. 110541
Lechner, W., Kaiser, D., Brunher, H. Development of radionavigation plan in Germany 109834
Lechner, W. *see* Kugler, D. 79030
Lechner, W. *see* Kugler, D. 88777
Lechner, W. *see* Nelson, A. 68758
Lechner, W. *see* Stich, H. 88752
Lechner, W. *see* Vieweg, S. 79056
Lechner, W. *see* Vieweg, S. 88770
Lechner, W. *see* Vorbrich, K.K. 79063
Lechterbeck, M. *see* Geib, R. 67535
Lechterbeck, M. *see* Geib, R. 67924
Leckey, J.G., Stewart, J.A.C., Patterson, A.D. Analysis of HEMT harmonic generation using a vector nonlinear measurement system 95053
Leckey, J.G. *see* Demmler, M. 93846
Leckie, R. Test challenges span new package styles 72283
Leclair, P. *see* Bejjani, E. 66630
LeClair, P. *see* Moodera, J.S. 94635
LeClair, S.R. *see* Gwang-Hoon Park 82657
Lecler, N. *see* Savo, R. 119859
Leclerc, D. *see* Jourdan, A. 88603
Leclerc, L.-J. *see* Premaratne, K. 117311
Leclerc, O., Desurvire, E., Audouin, O. Assessment of 80 Gbit/s (4×20 Gbit/s) regenerated WDM soliton transoceanic transmission 78649
Leclerc, O. *see* Brun-Maunand, E. 68500
Leclerc, Y.G. *see* Fua, P. 77312
Leclerc, Y.G. *see* Fua, P. 98051
Leclercq, D. *see* Gaviot, E. 69027
Leclercq, D. *see* Godts, P. 69551
Leclercq, D. *see* Machut, C. 119649
Leclercq, J.L. *see* Baltagi, Y. 105146
Leclercq, J.L. *see* Seassal, C. 74928
Leclercq, J.L. *see* Seassal, C. 106857
Leclert, G. *see* Pecoul, S. 76575
Lecoeur, G. *see* Adam, W. 69709
Lecointe, D. *see* Lefebvre, J. 107877
Lecolinet, E. *see* Casey, R.G. 97882
Lecomte, R., Cadorette, J., Rodrigue, S., Lapointe, D., Rouleau, D., Bentourkia, M., Yao, R., Msaki, P. Initial results from the Sherbrooke avalanche photodiode positron tomograph 90351
Lecomte, R., Cadorette, J., Rodrigue, S., Lapointe, D., Rouleau, D., Bentourkia, M., Yao, R., Msaki, P., Schmutz, G. Initial results from the Sherbrooke avalanche photodiode PET scanner 90426
Lecomte, R. *see* Yao, R. 90357
Lecomte, R. *see* Yao, R. 101102
Leconte, A., Christensen, B., Cannon, S., Francavilla, V. IN value added 98819

Leconte, J., Barbier, R., Fillon, H., Coutures, J.L. Pyroelectric mid-resolution camera TH74KB41A 69315
Leconte, Ph. *see* Anischenko, N.G. 120106
Lecoq, P. *see* Peigneux, J.P. 120164
Lecornu, L., Jacq, J.J., Roux, C. Model-based interactive 3-D reconstruction of a vascular network in biplane angiography 70070
Lecours, A., Caron, M., Ciureanu, P., Turcotte, G., Ivanov, D., Yelon, A., Currie, J.F. Laser patterning of thin-film electrochemical gas sensors 100166
Lecours, A. *see* Shah, S.A. 93688
Lecours, A. *see* Shah, S.A. 108249
Lecours, M. *see* Dhouib, A. 85915
Lecours, M. *see* Otmani, M. 97122
Lecours, M. *see* Otmani, M. 107910
Lecours, M. *see* Otmani, M. 118921
Lecourtier, Y., Ennaji, A., Stocker, E., Gilles, F. Yprel networks, classification and incremental learning 86610
Lecourtier, Y. *see* Mariani, R. 80609
Lecoy, P. *see* Malki, A. 78663
Lecoy, P. *see* Malki, A. 110388
Lecroy, C.T. *see* Meigs, M.J. 79886
LeCroy, C.T. *see* Meigs, M.J. 100595
Ledantec, R. *see* Seassal, C. 106857
Ledbetter, H., Dunn, M. Microstructure and elastic-constant measurements of two-phase materials 104180
Ledda, F. *see* Cannas, M. 72751
Ledeczi, A., Biegl, C., Abbott, B. High performance graphics for parallel systems 97746
Ledeczi, T. IntraCell: A new intracellular data acquisition and evaluation system 101349
Ledell, B.E. *see* Higgins, W.E. 101200
Ledentsov, N.N., Bohrer, J., Bimebrg, D., Kochnev, I.V., Maximov, M.V., Kop'ev, P.S., Alferov, Zh.I., Kosogov, A.O., Ruvimov, S.S., Werner, P., Gosele, U. Formation of coherent superdots using metal-organic chemical vapor deposition 92737
Ledentsov, N.N., Grundmann, M., Kirstaedter, N., Christen, J., Heitz, R., Bohrer, J., Heinrichsdorff, F., Bimberg, D., Ruvimov, S.S., Werner, P., Richter, U., Gosele, U., Heydenreich, J., Ustinov, V.M., Egorov, A.Yu., Maximov, M.V., Kop'ev, P.S., Alferov, Zh.I. Luminescence and structural properties of (In,Ga)As/GaAs quantum dots 62870
Ledentsov, N.N., Grundmann, M., Kirstaedter, N., Schmidt, O., Heitz, R., Bohrer, J., Bimberg, D., Ustinov, V.M., Shchukin, V.A., Egorov, A.Yu., Zhukov, A.E., Zaitsev, S., Kop'ev, P.S., Alferov, Zh.I., Ruvimov, S.S., Kosogov, A.O., Werner, P., Gosele, U., Heydenreich, J. Ordered arrays of quantum dots: formation, electronic spectra, relaxation phenomena, lasing 63081
Ledentsov, N.N., Kirstaedter, N., Bimberg, D., Brueck, S.R.J., Sandusky, J.V. Comments on "Lasing at three-dimensionally quantum-confined sublevel of self-organized $\mathrm{In_{0.5}Ga_{0.5}As}$ quantum dots by current injection" [and reply] 96412
Ledentsov, N.N., Krestnikov, I.L., Maximov, M.V., Ivanov, S.V., Sorokin, S.L., Kopev, P.S., Alferov, Zh.I., Blimberg, D., Torres, C.M.S. Ground state exciton lasing in CdSe submonolayers inserted in a ZnSe matrix 107223
Ledentsov, N.N. *see* Brunkov, P.N. 74361
Ledentsov, N.N. *see* Egorov, A.Yu. 114763
Ledentsov, N.N. *see* Grundmann, M. 105374
Ledentsov, N.N. *see* Guryanov, G.M. 82626
Ledentsov, N.N. *see* Guryanov, G.M. 83938
Ledentsov, N.N. *see* Kirstaedter, N. 65202
Ledentsov, N.N. *see* Kirstaedter, N. 96397
Ledentsov, N.N. *see* Kop'ev, P.S. 107351
Ledentsov, N.N. *see* Schmidt, O.G. 85517
Ledentsov, N.N. *see* Schmidt, O.G. 107275
Ledentsov, N.N. *see* Wang, P.D. 63015
Ledentsov, N.N. *see* Zhmerik, V.N. 74537
Lederer, E. *see* Grotheer, W. 112505
Lederer, F. *see* Abdullaev, F.Kh. 64723
Lederer, F. *see* Delisle, V. 64884
Lederer, F. *see* Hamilton, C.J. 65456
Lederer, F. *see* Hamilton, C.J. 96711
Lederer, F. *see* Mihalache, D. 85718
Lederer, F. *see* Peschel, U. 107580
Lederer, F. *see* Uzonov, I.M. 64658
Lederer, F. *see* Wabnitz, S. 85713
Lederer, P. *see* Trotel, A. 64581
Lederman, D. *see* Fullerton, E.E. 113368
Lederman, L. Safety of RBMK reactors: setting the technical framework 71105
Lederman, M. *see* O'Barr, R. 79313
Ledgerwood, M.L., van Driel, H.M. Picosecond phonon dynamics and self-energy effects in highly photoexcited germanium 105115
LeDiberder, F. *see* Alexandrof, V.A. 100628
Ledley, R.S. *see* Frye, R.E. 70081
Ledneva, G.P., Astaf'eva, L.G. On the theory of a neodymium glass laser with a spherical microcavity 76077
Ledoux, B. COFDM-6 field tests 109909
Ledoux, B. *see* Wu, Y. 68832
Ledoux, B. *see* Wu, Y. 119434
Ledoux, I., Dhenaut, C., Samuel, I.D.W., Zyss, J. Octupolar metal complexes for quadratic nonlinear optics 76243
Ledoux, I., Pinsard-Levenson, R., Zyss, J. Organic materials for optical communication networks: From molecules to components 64595
Ledoux, I., Zyss, J. From one- to two-dimensional complexes for quadratic nonlinear optics: the influence of ligand and complexing metal atoms 116645
Ledoux, I. *see* Diaz-Garcia, M.A. 85631
Ledoux, I. *see* Diaz-Garcia, M.A. 107548
Ledran, J. *see* Andrieu, X. 112203
LeDrew, E. *see* Holden, H. 111256
LeDrew, E.F. *see* Derksen, C.P. 111261
LeDrew, E.F. *see* Peddle, D.R. 111243
LeDrew, E.F. *see* Peddle, D.R. 120673
LeDrew, E.F. *see* Piwowar, J.M. 111294
Leduc, G. *see* Mathy, L. 67916
LeDuc, H.G. *see* Burke, P.J. 73158
LeDuc, H.G. *see* Febvre, P. 68828
LeDuc, H.G. *see* Gaidis, M.C. 93773
LeDuc, H.G. *see* Padin, S. 73782
LeDuc, H.G. *see* Tong, C.-Y.E. 109847
Leduc, J. *see* Chaaban, M. 102171
Leduc, J.P., Delogne, P. Statistics for variable bit rate digital television sources 78272
Ledwich, G. Resonant commutated inverters for HVDC 91115
Ledwich, G., Fernandez-Vargas, J., XingHuo Yu Switching control of multi-machine power systems 90993
Ledwich, G. *see* Palmer, E.W. 71008
Lee, A. *see* Higham, N. 67656
Lee, A. *see* Leung, C.H. 62430
Lee, A. *see* Leung, C.H. 104919
Lee, A.M. *see* Adams, D. 69840
Lee, A.P., Lehew, S., Yu, C., Ciarlo, D., Schmidt, E., Northrup, M.A. Selective Au–Si eutectic bonding for Si-based MEMS applications 64004
Lee, A.T., Cabrera, B., Dougherty, B.L., Penn, M.J., Pronko, J.G., Tamura, S. Measurements of the ballistic-phonon component resulting from nuclear and electron recoils in crystalline silicon 100904
Lee, A.T., Er, M.J. Comparative review of motion estimation 87037
Lee, A.T., Richards, P.L., Sae Woo Nam, Cabrera, B., Irwin, K.D. A superconducting bolometer with strong electrothermal feedback 106701
Lee, A.T. *see* Cabrera, B. 100819
Lee, B., Ajjarapu, V. Invariant subspace parametric sensitivity (ISPS) of structure-preserving power system models 70642
Lee, B. *see* Fang, S. 84140
Lee, B. *see* Kwon, O.K. 75570
Lee, B. *see* Lau, W.S. 74491
Lee, B. *see* Liu Po-Ching 74839
Lee, B. *see* Welch, M.E. 114921
Lee, B.-T., Kim, D.-K., Ahn, J.-H., Oh, D.-G. Investigation of surface oxide films on InP mesa sidewalls and flat surfaces reactive ion etched using CH_4/H_2 chemistry 105615
Lee, B.-T., Kim, D.-K., Park, J.-S., Ahn, B.-C., Ahn, J.-H., Oh, D.G. Surface damage and contamination around CH_4/H_2 reactive ion-etched InP mesas 105651
Lee, B.-T. *see* Mun, J.K. 84478
Lee, B.-Y., Liu, T.S., Chang, L.-W. Optimal binary image design based on the discrete cosine transform 87156
Lee, B.C., Kim, S.K., Jeong, Y.U., Cho, S.O., Cha, B.H., Lee, J. First lasing of the KAERI millimeter-wave free electron laser 96458
Lee, B.C. *see* Cho, S.O. 96447
Lee, B.Choel *see* Choel Lee, B.
Lee, B.C.L. The in-house practical training programme 60431
Lee, B.H., Yu, S.W., Shyu, J.J. A study on frame relay/B-ISDN interworking and connectionless data service 98794
Lee, B.H. *see* Goto, A. 67803
Lee, B.J. *see* Chen, H.N. 96306
Lee, B.K., Yoo, S.B., Suh, B.S., Hyun, D.S. A new class-D voltage source series-loaded resonant inverter topology considering stray inductance influences 71422
Lee, B.P. *see* Liu, P.C.-H. 103348
Lee, B.S. *see* Manfaat, D. 98299
Lee, B.W., Seon-Ug Hwang, Lee, J.S. BiCMOS ASIC DSP for consumer-level applications 93406
Lee, B.Y. *see* Kim, B.-G. 116198
Lee, C., Lim, K., Song, J. Highly textured ZnO thin films doped with indium prepared by the pyrosol method 113400
Lee, C., Unser, M., Ketter, T.A. Automated connectivity-based thresholding segmentation of midsagittal brain MR images 90341
Lee, C., Wong Teck Chin, Pape, H. A new lead-frame design solution for improved pop-corn cracking performance 112921
Lee, C. *see* Fletcher, N.R. 69877
Lee, C. *see* Ham, Y.-M. 115113
Lee, C. *see* Itoh, T. 106278
Lee, C. *see* Kawasaki, H. 63477
Lee, C. *see* Kawasaki, H. 115005
Lee, C. *see* Oh, M. 65255
Lee, C. *see* Vasseghi, N. 73439
Lee, C. *see* Wang, P.-H. 115002
Lee, C.-C. On a DSP-oriented specification of CCITT G.721 ADPCM codec 98961
Lee, C.-C., Steele, R. Closed-loop power control in CDMA systems 109443
Lee, C.-H., Park, H.-J. All-CMOS temperature independent current reference 84592
Lee, C.-L. *see* Lu, S.-C. 74007
Lee, C.-S., Parng, T.-M. Mean-value analysis for evaluating design choices of client-server systems 98781
Lee, C.-S. *see* Park, J.-G. 61889
Lee, C.-S. *see* Park, J.-G. 63224
Lee, C.-S. *see* Youn, K.-J. 93836
Lee, C.-W. *see* Gu, Y.-M. 66551
Lee, C.-W. *see* Jung, K.-H. 68894
Lee, C.-Y., Itoh, T. The effects of the coupled slotline (CSL) mode and air-bridges on the CPW one-port discontinuities 114187
Lee, C.-Y. *see* McCutchen, T. 74797
Lee, C.A., Kesselman, C., Schwab, S. Near-real-time satellite image processing: metacomputing in CC++ 90839
Lee, C.A. *see* Buchler, R.J. 68778
Lee, C.C., Chen, Y.-C., Matijasevic, G. High temperature metallic joints produced at low process temperature for stress reduction 60598
Lee, C.C., Chien, D.H. The effect of bonding wires on longitudinal temperature profiles of laser diodes 96374
Lee, C.C., Cui, H.L., Cai, J., Lenzing, E., Pastore, R., Rhodes, D., Perlman, B.S. Transient device modeling using the Lei-Ting hydrodynamic balance equations 94882
Lee, C.C. *see* Chien, D.H. 103444
Lee, C.C. *see* Yi-Chiun Chen 88226
Lee, C.D., Min, S.I., Chang, S.K. High purity ZnSe epilayers grown by atmospheric double zone metalorganic atomic layer epitaxy 74172
Lee, C.D. *see* Chang, S.K. 74173
Lee, C.E. Computing the apparent centroid of radar targets 109719
Lee, C.F. *see* Sheng-Hui Yang 65246
Lee, C.G. *see* Lin, W.-Y. 93445
Lee, C.G. *see* Saghir, M.A.R. 93442
Lee, C.H., Chen, C.T. Characteristics of PECVD GaN thin films 61325
Lee, C.H., Funk, E.E., Jasper, L.J., Jr. High-power, compact, ultra-wideband pulser 96088
Lee, C.H., Hwang, M.S., Yang, W.P. Phone card application and authentication in wireless communications 118913
Lee, C.H., Kim, Y.J., Song, J.W., Park, C.O. Incorporation of a new spectral history correction method into local power reconstruction for nodal methods 121312
Lee, C.H., Lin, L.Y. Characteristics of spray pyrolytic ZnO thin films 61305
Lee, C.H., Liu, T.J., Way, Y.S., Hsia, D.Y. Investigation of mid-loop operation with loss of RHR at INER integral system test (IIST) facility 91301
Lee, C.H., Yeh, C.C., Hwang, H.L., Hsu, K.Y.J. Characterization of porous silicon-on-insulator films prepared by anodic oxidation 94273
Lee, C.H., Yeh, C.C., Lee, C.H., Hsu, K.Y.J. Formation of bottom oxides in porous silicon films by anodic oxidation 63276
Lee, C.H. *see* Funk, E.E. 99100
Lee, C.H. *see* Han, S.T. 114233
Lee, C.H. *see* Han, S.T. 119347
Lee, C.H. *see* Lee, C.H. 63276
Lee, C.H. *see* Ravaioli, U. 62261
Lee, C.H. *see* Thomas, C.L. 90684
Lee, C.H. *see* Xiaohua Jia 109290
Lee, C.I. *see* Johnston, A.H. 111049
Lee, C.I. *see* Shaw, D.C. 61925
Lee, C.K., Kwok, N.M., Luk, P.C.K. Simulation of a position control system using brushless DC motors 71332
Lee, C.K., Pang, W.H. A brushless DC motor controller using a DSP with fuzzy rules 102735
Lee, C.K., Wong, S.P. A mathematical morphological approach for segmenting heavily noise-corrupted images 86356
Lee, C.K. *see* Elliott, S.R. 80104
Lee, C.K. *see* Huang, M.J. 96756
Lee, C.K. *see* Ng, W.S. 117559
Lee, C.K. *see* Sio, K.C. 91581
Lee, C.L., Ho, C.S., Shwu-Fang Tsai, Ching-Fu Wu, Jui-Yin Cheng, Li-Wei Wang, Wang, C., Yi-Kwang Hu, Tsun-Jen Hou, Lee, M. Implementation of digital HDTV video decoder by multiple multimedia video processors 109916
Lee, C.L., Litsky, A.S., Roberts, C.J. Laser ablation of dyed acrylic bone cement 70244
Lee, C.P. *see* Chuang, H.F. 105452
Lee, C.P. *see* Jung-Chi Chiang 119681
Lee, C.Q. *see* Gegner, J.P. 121586
Lee, C.Q. *see* Nguyen, V.M. 71412
Lee, C.R. *see* Moo, C.S. 71886
Lee, C.S. *see* Bo Liu 115790
Lee, C.S. *see* Chai, J.S. 100809
Lee, C.S. *see* Hu, S.B. 75222
Lee, C.S. *see* Lee, T.G. 115071
Lee, C.S.-V., Hung, S.-L., Chan, E. Performance studies of real-time communications in ATM networks 117938
Lee, C.S.G. *see* Hsu, W. 82150
Lee, C.T. *see* Yeong-Lin Lai 62237
Lee, C.W. *see* Kim, C.-W. 86481
Lee, C.W. *see* Lee, S.J. 67059
Lee, C.W. *see* Lee, S.Y. 99303
Lee, C.W. *see* Seo, B.S. 68864
Lee, C.W. *see* Seo, B.S. 108244
Lee, C.W. *see* Yang, K.H. 67116
Lee, C.Y. *see* Kim, S.J. 68131
Lee, C.Y.-C. Optimizing secondary properties and EO coefficients of EO polymers 107542

Lee, C.Y.-C. *see* Kajzar, F. *(editor)* 103246
Lee, D., Sabnani, K.K., Kristol, D.M., Paul, S. Conformance testing of protocols specified as communicating finite state machines—a guided random walk based approach 67582
Lee, D., Yannakakis, M. Principles and methods of testing finite state machines–a survey 93199
Lee, D. *see* Agrawal, V.D. 93340
Lee, D. *see* Arodzero, A. 80036
Lee, D. *see* Szymanski, J.J. 110589
Lee, D.-D. *see* Lee, S.H. 63329
Lee, D.-S. *see* Iwata, A. 109229
Lee, D.C. On effects of arrival rate and burstiness in the queueing system: analysis of Lb/D/1 72434
Lee, D.C., Audeh, M.D., Kahn, J.M. Performance of pulse-position modulation with trellis-coded modulation on non-directed indoor infrared channels 87728
Lee, D.C. *see* Kang, M.H. 67793
Lee, D.C. *see* Kim, Y.H. 93953
Lee, D.D. *see* Martin, R.A. 110298
Lee, D.E., Kang, I.K., Kim, Y.S., Kim, Y.C. A delay estimation-based synchronization protocol for multimedia services in ATM networks 109216
Lee, D.H., Chung, J., Oh, S.-J. X-ray photoelectron-diffraction analysis of oxygen chemisorption on the GaAs(110) surface 74582
Lee, D.H. *see* Park, C.S. 78651
Lee, D.L. *see* Jeromin, L.S. 110720
Lee, D.S., Malloy, K.J. Gain without inversion in interband transitions of semiconductor quantum wells from a single-particle perspective 83952
Lee, D.T. Introduction to color facsimile: hardware, software and standards 67721
Lee, D.T., Yang, C.D., Wong, C.K. Rectilinear paths among rectilinear obstacles 113687
Lee, D.T. *see* Chi-haur Wu 80493
Lee, D.T. *see* Matsuki, M. 87647
Lee, D.U. *see* Kim, T.W. 105373
Lee, D.U. *see* Kim, T.W. 105382
Lee, D.U. *see* Yoon, Y.S. 61399
Lee, D.Z. *see* Deng, L. 96614
Lee, E. *see* Hongching Shan 63334
Lee, E. *see* MacGregor, J. 67714
Lee, E.-H. *see* Kwon, O.K. 64803
Lee, E.-K. *see* Shin, H.-E. 85511
Lee, E.A. *see* Barry, J.R. 77568
Lee, E.H. *see* Chu, H.Y. 84304
Lee, E.H. *see* Kim, S.B. 103941
Lee, E.H. *see* Kwon, O.K. 75570
Lee, E.H. *see* Ro, J.R. 103944
Lee, E.K. *see* Kim, T. 65318
Lee, E.K.B. Zero-crossing baseband demodulator 97421
Lee, E.K.B., Powell, C.C., II, Kwon, H.M. A novel wireless communication device and its synchronization scheme 78504
Lee, E.K.B. *see* Kwon, H.M. 108342
Lee, E.P. The beam envelope equation–systematic solution for a periodic quadrupole lattice with space charge 89751
Lee, E.T. *see* Sirl, Y.O. 87869
Lee, E.Y. *see* Sirringhaus, H. 83987
Lee, F. *see* Ping Wang 82304
Lee, F. *see* Wang, P. 115272
Lee, F.B.-S. *see* Cheah, R.S.-S. 67761
Lee, F.C. *see* Cho, J.G. 121626
Lee, F.C. *see* Dongbing Zhang 121738
Lee, F.C. *see* Hengchun Mao 71447
Lee, F.C. *see* Hengchun Mao 71465
Lee, F.C. *see* Hengchun Mao 121608
Lee, F.C. *see* Jung-Goo Cho 81576
Lee, F.C. *see* Lin, R.L. 121607
Lee, F.C. *see* Mao, H. 121618
Lee, F.C. *see* Ning Dai 62388
Lee, F.C. *see* Ning Dai 121679
Lee, F.C. *see* Panov, Y.V. 70410
Lee, F.C. *see* Qihong Huang 121664
Lee, F.C. *see* Qiong Li 121579
Lee, F.C. *see* Rajagopalan, J. 71450
Lee, F.C. *see* Skutt, G.R. 115881
Lee, F.C. *see* Ting Guo 71492
Lee, F.C. *see* Wang, K. 121609
Lee, F.C. *see* Watson, R. 61616
Lee, F.C. *see* Watson, R. 121731
Lee, F.C. *see* Wei Chen 71885
Lee, F.C. *see* Wei Chen 122071
Lee, F.C. *see* Zhang, M.T. 121644
Lee, F.C. *see* Zhang, M.T. 121732
Lee, F.C. *see* Zhang, R. 121612
Lee, F.N. *see* Zuwei Yu 101920
Lee, G.-S., Jin, K.-S., Park, B.-W. A design of the microwave feedback amplifier in Ku band 93939
Lee, G.G. *see* Chen, C.H. 108610
Lee, G.H. *see* Huang, C. 84554
Lee, G.M. *see* Wilson, B.W. 90621
Lee, G.S. *see* Juho Song 63336
Lee, G.S. *see* Juho Song 104150
Lee, G.S. *see* Kim, K. 113440
Lee, G.S. *see* Lee, W.C. 61168
Lee, G.U. *see* Baselt, D.R. 69337
Lee, G.Y. *see* Roh, T.M. 114303
Lee, H., Kawai, T. Photoelectric properties of copper-phthalocyanine/PbTe multilayer 114683
Lee, H., Mousa, A.M. GPS travelling wave fault locator systems: investigation into the anomalous measurements related to lightning strikes 102287
Lee, H., Oberman, D.B., Harris, J.S., Jr. Reactive ion etching of gallium nitride films 74570
Lee, H., Tzeng, K.K., Chen, C.J. Error and erasure decoding of binary cyclic code up to actual minimum distance 66449
Lee, H. *see* Douglas, B.L. 88736
Lee, H. *see* Garbuzov, D. 96260
Lee, H. *see* Garbuzov, D.Z. 107326
Lee, H. *see* Hawasly, S. 112126
Lee, H. *see* Martinelli, R.U. 69364
Lee, H. *see* Moussaoui, Z. 111539
Lee, H. *see* Nazem, S.M. 108892
Lee, H. *see* Oh, Y. 75423
Lee, H. *see* Park, J.H. 105781
Lee, H. *see* Riris, H. 97878
Lee, H.-D. *see* Lee, J.-S. 93211
Lee, H.-D. *see* Park, I.S. 115012
Lee, H.-J. Joint wavelet-based coding and packetization for video transport over packet-switched networks 87919
Lee, H.-S., Pollard, R.D., Snowden, C.M. Conformal mapping and nomography methods for the design of the Schiffman phase shifter 114247
Lee, H.-S. *see* Mikhailov, V.N. 96825
Lee, H.-T. *see* Hwang, N. 107266
Lee, H.-Y. *see* Kim, S.I. 119247
Lee, H.-Y. *see* Lee, S.-D. 112955
Lee, H.B. *see* Hyoung Joong Kim 61123
Lee, H.C. *see* Biefeld, R.M. 82650
Lee, H.C. *see* Fan, L. 65005
Lee, H.C. *see* Schwartz, D.B. 96052
Lee, H.D. *see* Chang, Y.H. 61320
Lee, H.G. *see* Seo, J.M. 83834
Lee, H.H., Abdul-Hamid, S., Klein, A.C. System modeling and reactor design studies of the Advanced Thermionic Initiative space nuclear reactor 90715
Lee, H.H., Lee, K.Y., Lee, J.Y. The Ti-based metal hydride electrode for Ni-MH rechargeable batteries 102954
Lee, H.J., Park, C.S. Synchronization of a fiber Fabry-Perot filter by absolute frequency references from $^{13}C_2H_2$ molecules 64886
Lee, H.J. *see* Dhar, L. 85060
Lee, H.J. *see* Jeong, M.S. 94539
Lee, H.J. *see* Kim, J.-H. 105576
Lee, H.J. *see* Seo, Y.H. 103991
Lee, H.K. *see* Yoo, K.-H. 83911
Lee, H.M. *see* Lee, T.G. 115071
Lee, H.P., Li, Y., Sato, D.L., Zhou, J.J. Methodologies for in situ pyrometric interferometry monitoring and control of molecular beam epitaxy growth of AlAs/GaAs distributed Bragg reflectors 82674
Lee, H.P. *see* Guo, Y.P. 77371
Lee, H.P. *see* Guo, Y.P. 86812
Lee, H.P. *see* Sato, D.L. 103865
Lee, H.S., Choi, H.Y., Lee, N.J., Park, S.W., Kim, Y.C. Design and performance evaluation of WDMA protocols for high-speed optical network 87413
Lee, H.S., Hwang, O.H., Park, S.H., Ryu, C.M., Namkung, W. Microwave system of PLS 2-GeV linac 93751
Lee, H.S., Yang, X.Q., McBreen, J., Choi, L.S., Okamoto, Y. A new family of anion receptors and the studies of their effect on ion pair dissociation and conductivity of lithium salts in nonaqueous solutions 81701
Lee, H.S. *see* Ma, Y. 120170
Lee, H.S. *see* Namkung, W. 89760
Lee, H.W., Kim, S.J., Kim, J.W., Doh, Y.H. Wavelet GRI-MINACE filter for rotation-invariant pattern recognition 87175
Lee, H.W. *see* Moon, J.W. 81778
Lee, H.Y., Ahn, M.J. The convergence of the fully discrete solution for the Roseneau equation 72598
Lee, H.Y., Cho, W.S., Oh, S.M., Wiemhofer, H.-D., Gopel, W. Active reaction sites for oxygen reduction in $La_{0.9}Sr_{0.1}MnO_3$/YSZ electrodes 81808
Lee, H.Y. *see* Kim, J.W. 99046
Lee, I. *see* Nam, S.H. 77059
Lee, I. *see* Vanhoenacker, D. 112771
Lee, I.L.L. *see* Moon, J.W. 81778
Lee, J. Quadtree based transform coding for multispectral image compression 67005
Lee, J., Hong, B., Messier, R., Collins, R.W. Nucleation and bulk film growth kinetics of nanocrystalline diamond prepared by microwave plasma-enhanced chemical vapor deposition on silicon substrates 104145
Lee, J., Newton, M.A., Nordheim, E.V., Hyun Kang Inference for lethal gene studies via Bayesian Markov chain simulation 103582
Lee, J. *see* Allbritton, G.L. 80079
Lee, J. *see* Allbritton, G.L. 100826
Lee, J. *see* Cho, S.O. 96447
Lee, J. *see* Kim, S.K. 96514
Lee, J. *see* Kim, S.K. 107816
Lee, J. *see* Lee, B.C. 96458
Lee, J. *see* Wiwakanond, K. 60558
Lee, J. *see* Yuen, C. 93879
Lee, J. *see* Zhang, L. 78660
Lee, J.-G., Govorkov, S.A., Arrott, A.S. Iron whisker domain patterns imaged by garnet films 75160
Lee, J.-H., Huang, S.-C. Design of two-channel nonuniform-division maximally decimated filter banks using L_1 error criteria 66750
Lee, J.-H., Zhang, X.-D., Daryoush, A.S., Ni, T.-D., Paolella, A. Nonlinear circuit model of laser diodes for large-signal microwave photonic CAD 85462
Lee, J.-H. *see* Chung, K.-W. 114230
Lee, J.-H. *see* Hwang, E.-J. 86103
Lee, J.-H. *see* Jeon, Y.-H. 119061
Lee, J.-J. *see* Youn, K.-J. 93836
Lee, J.-K., Yoo, D.S., Handy, E.S., Rubner, M.F. Thin film light emitting devices from an electroluminescent ruthenium complex 107007
Lee, J.-L. *see* Kwak, J.S. 114812
Lee, J.-M. *see* Mun, J.K. 84478
Lee, J.-S., Iwai, S., Isshiki, H., Meguro, T., Sugano, T., Aoyagi, Y. Atomic layer epitaxy of GaAs and $GaAs_xP_{1-x}$ on nominally oriented GaAs(111) substrates with high quality surface and interfaces 61180
Lee, J.-S., Lee, H.-D., Park, C.-W., Hwang, S.-Y. Power-conscious scheduling algorithm for performance-driven datapath synthesis 93211
Lee, J.-W. *see* Kim, B.H. 71112
Lee, J.-W. *see* Kim, S.H. 113460
Lee, J.-Y. *see* Lu, E.-H. 97482
Lee, J.B. *see* Roh, T.M. 114303
Lee, J.C., Peace Chang, Hsue, C.S. Integral dipole field calibration of the SRRC storage ring combined function bending magnets 89687
Lee, J.C., Wang, M.H., Hsu, K.T., Sheu, R.J., Lin, G., Hsue, C.S. Suppression of the transverse oscillation in the SRRC storage ring by RF knockout method 89847
Lee, J.C. *see* Chou, A.I. 94689
Lee, J.C. *see* Chuan Lin 105563
Lee, J.C. *see* Kuo, C.C. 79975
Lee, J.C. *see* Wang, M.H. 89689
Lee, J.C. *see* Wang, M.H. 89848
Lee, J.D., Kim, S.B. A study on the single frequency operation yield of DFB lasers using a transfer matrix method 116505
Lee, J.D. *see* Chung, H.R. 114514
Lee, J.D. *see* Park, J.T. 115352
Lee, J.D. *see* Suh, T. 115102
Lee, J.D. *see* Yang, W.C. 64549
Lee, J.G. Future technology challenge for giga bit DRAM generation 83111
Lee, J.G., Corson, M.S. A reservation limited sensing protocol in wireless networks 109495
Lee, J.G. *see* Chang, Y.H. 61320
Lee, J.G. *see* Kim, S.R. 119000
Lee, J.G. *see* Nam, S.H. 61338
Lee, J.G. *see* Park, I.S. 115012
Lee, J.H., Eom, H.J., Young Ki Cho, Chun, W.J. TM-wave radiation from finite thick slits in parallel plate 85943
Lee, J.H., Kim, D.S., Lee, Y.H. Room temperature deposition of silicon dioxide films by ion-assisted plasma enhanced chemical vapor deposition 61335
Lee, J.H., Un, C.K. Performance analysis of nonpersistent idle-signal casting multiple access with collision-detection (ICMA/CD) protocol 88132
Lee, J.H., Woo, H.S., Won, T.Y. A study on the fabrication and the extraction of small signal equivalent circuit of power AlGaAs-GaAs HBTs 115160
Lee, J.H. *see* Hong, S.I. 119105
Lee, J.H. *see* Kim, J.Y. 87379
Lee, J.H. *see* Lee, J.W. 73630
Lee, J.H. *see* Park, Y.M. 80811
Lee, J.H. *see* Ryu, C.W. 114979
Lee, J.H. *see* Ryu, C.W. 114979
Lee, J.H. *see* Seo, B.S. 108244
Lee, J.H. *see* Sirl, Y.O. 87869
Lee, J.H. *see* Sung Won Jun 74428
Lee, J.I. *see* Han, I.K. 114961
Lee, J.J., Desu, S.B. The shifting of P-E hysteresis loop by the asymmetric contacts on ferroelectric PZT thin films 64074
Lee, J.J. *see* Chan, W.C. 64576
Lee, J.J. *see* Ng, W. 66151
Lee, J.J. *see* Suh, K.S. 74610
Lee, J.J. *see* Tran, A.T.T.D. 89053
Lee, J.J. *see* Yoo, K.-H. 83911
Lee, J.J.K. *see* Cha, E. 115746
Lee, J.J.K. *see* Tian, H. 106609
Lee, J.K., Wong, A.W.K., Huang, H.K., Bazzill, T., Jianguo Zhang, Andriole, K. An ATM distributed PACS server for ICU application 111005
Lee, J.K. *see* Cho, H.S. 116555
Lee, J.K. *see* Liu Shenggang 107929
Lee, J.K. *see* Mudaliar, S. 97038
Lee, J.K. *see* Park, K.H. 119246
Lee, J.K. *see* Wang, M.C. 65716
Lee, J.K. *see* Wang Mingchang 96498
Lee, J.K. *see* Wong, A.W.K. 108469
Lee, J.L., Yao, D.H. Electromigration study of focused ion beam modified metal lines 94851
Lee, J.L. *see* Suh, K.S. 74610
Lee, J.R. *see* Tierney, B.L. 67795
Lee, J.S., Schuler, D.L. Ocean surface slope measurement using polarimetric SAR 120854
Lee, J.S. *see* Chul Sung Kim 64307
Lee, J.S. *see* Chul Sung Kim 115572
Lee, J.S. *see* Du, L.J. 111094
Lee, J.S. *see* Hong, J.P. 62204
Lee, J.S. *see* Hong, J.P. 83334
Lee, J.S. *see* Lee, B.W. 93406
Lee, J.T.C. A comparison of HDP sources for polysilicon etching 94802
Lee, J.T.C. *see* Maynard, H. 63397
Lee, J.T.C. *see* Maynard, H.L. 74598
Lee, J.W., Crockett, R.V., Pearton, S.J. Comparison of masking materials for high microwave power CH_4/H_2Ar etching of III-V semiconductors 84155

Lee, J.W., Eom, H.J., Lee, J.H. TM-wave radiation from flanged parallel plate into dielectric slab 73630
Lee, J.W., Hong, J., Lambers, E.S., Abernathy, C.R., Pearton, S.J., Hobson, W.S., Ren, F. Cl_2-based dry etching of GaAs, AlGaAs, and GaP 74596
Lee, J.W., Lee, K.N., Pearton, S.J., Abernathy, C.R., Hobson, W.S., Han, H., Zolper, J.C. Si, Be, and C ion implantation in $GaAs_{0.93}P_{0.07}$ 94724
Lee, J.W., Pearton, S.J. Investigation of masking materials for high-ion-density Cl_2/Ar plasma etching of GaAs 63321
Lee, J.W., Pearton, S.J., Abernathy, C.R., Hobson, W.S., Ren, F. Effect of Ar addition in ECR CH_4/H_2/Ar plasma etching of GaAs, InP and InGaP 74586
Lee, J.W., Pearton, S.J., Abernathy, C.R., Hobson, W.S., Ren, F. Passivation of dopants in InGaP using ECR hydrogenation 74601
Lee, J.W., Pearton, S.J., Abernathy, C.R., Zavada, J.M., Chai, B.L.H. Wet and dry etching of $LiGaO_2$ and $LiAlO_2$ 114907
Lee, J.W. *see* Hong, J. 74587
Lee, J.W. *see* Hong, J. 105609
Lee, J.W. *see* Pearton, S.J. 63215
Lee, J.W. *see* Pearton, S.J. 63410
Lee, J.W. *see* Pearton, S.J. 74521
Lee, J.W. *see* Pearton, S.J. 84080
Lee, J.W. *see* Ren, F. 114963
Lee, J.W. *see* Stradtmann, R.R. 114964
Lee, J.W. *see* Vartuli, C.B. 105648
Lee, J.W. *see* Vartuli, C.B. 114949
Lee, J.W. *see* Zolper, J.C. 83990
Lee, J.Y. *see* Chen, C.H. 110791
Lee, J.Y. *see* Han, B.M. 61347
Lee, J.Y. *see* Jou, P.Y. 108110
Lee, J.Y. *see* Kim, J.H. 74094
Lee, J.Y. *see* Kim, T.W. 94579
Lee, J.Y. *see* Koh, S.K. 94828
Lee, J.Y. *see* Lai, J.-T. 64958
Lee, J.Y. *see* Lee, H.H. 102954
Lee, J.Y.-M. *see* Hong-Ming Chen 106358
Lee, K. Supporting mobile multimedia in integrated services networks 118580
Lee, K., Park, K., Park, S. Design of capacitated networks with tree configurations 108885
Lee, K. *see* Chin, A. 72802
Lee, K. *see* Song, D. 74748
Lee, K. *see* Weller, T.M. 104870
Lee, K.-C., Chu, T.-H. Analysis of nonlinearly loaded antenna array including mutual coupling effect 97391
Lee, K.-C., Li, V.O.K. A wavelength rerouting algorithm in wide-area all-optical networks 78906
Lee, K.-J., Huang, Z.C., Chen, J.C. Improved quality of $Al_xGa_{1-x}As$ grown on Se-doped $Al_xGa_{1-x}As$ substrate-layers by metalorganic chemical vapor deposition 105164
Lee, K.-M. *see* Kim, J.-H. 63465
Lee, K.A. *see* Hwang, D.G. 115623
Lee, K.B. Orthogonalization based adaptive interference suppression for direct-sequence code-division multiple-access systems 109352
Lee, K.C. *see* Huang, S.L. 95987
Lee, K.C. *see* Iravani, M.R. 91033
Lee, K.C. *see* Lee, W.C. 61168
Lee, K.G. *see* Cho, B.I. 115615
Lee, K.G. *see* Ro, M.D. 75234
Lee, K.H., Kim, Y.H., Choi, H.J. Modified BECM (M-BECM) algorithm for all-digital high speed symbol synchronization 117454
Lee, K.H. *see* Cheong, S.K. 118721
Lee, K.H. *see* Kim, T.W. 118706
Lee, K.H. *see* Liu, C.T. 115211
Lee, K.J., Kim, S.H., Shin, K.H., Lee, T.D. Effect of a Cr interlayer on properties of CoCrTa/Cr media: experiments and simulations 115603
Lee, K.J. *see* Lee, S.H. 115237
Lee, K.K., Chanson, S.T. Dynamic behavior analysis of cell loss control mechanisms in ATM networks 109293
Lee, K.K. *see* Lim, J.S. 77053
Lee, K.K. *see* Park, K.S. 99747
Lee, K.L. *see* Hu, C.-K. 63479
Lee, K.L. *see* Shim, M.S. 103673
Lee, K.M., Kuo, C.-C.J. Shape from photometric ratio and stereo 86349
Lee, K.M. *see* Lee, S.P. 115481
Lee, K.M. *see* Ristau, D. 107433
Lee, K.N. *see* Lee, J.W. 94724
Lee, K.R., Eun, K.Y. Tribology of diamond-like carbon coated VCR head drums 95369
Lee, K.S., Shu, C. Optical matrix for clock distribution and synchronous operation in two-dimensional array devices 75644
Lee, K.S. *see* Williams, P.A. 100350
Lee, K.W., Hong, B.G., Han, J.M., Yoon, B.J., Bae, Y.D., Song, W.S., Kim, D.E., Shin, N.S., Milburn, J.E. Design and analysis of the magnet system for the KT-2 tokamak with long-pulse operation capabilities 107811
Lee, K.W. *see* Kim, S.K. 107816
Lee, K.W. *see* Kim, Y.H. 86914
Lee, K.Y. *see* Bartos, R. 78326
Lee, K.Y. *see* Ben-Abdennour, A. 81307
Lee, K.Y. *see* Ben-Abdennour, A. 81308
Lee, K.Y. *see* Chang, T.H.P. 114548
Lee, K.Y. *see* Chin, A. 94211
Lee, K.Y. *see* Hu, C.-K. 63479
Lee, K.Y. *see* Huang, W.-S. 105784
Lee, K.Y. *see* Kannan, R. 77621
Lee, K.Y. *see* Kannan, R. 78322
Lee, K.Y. *see* Kratschmer, E. 76349
Lee, K.Y. *see* Lee, H.H. 102954
Lee, K.Y. *see* Wenwei Qiao 70138
Lee, K.Y. *see* Yonug-Moon Park 101716
Lee, K.Y. *see* Young-Moon Park 80917
Lee, K.Y. *see* Young-Moon Park 80918
Lee, K.Y. *see* Young-Moon Park 81309
Lee, L. *see* Agnello, M. 110583
Lee, L.-S. *see* Chen, T. 97635
Lee, L.C. *see* Weng, W.T. 79872
Lee, L.H. *see* Sauber, J.B. 112972
Lee, L.H.C., Tait, D.J., Farrell, P.G., Leung, P.S.C. Novel scarce-state-transition syndrome-former error-trellis decoding of (n, n-1) convolutional codes 66332
Lee, L.H.C. *see* Wong, T.F. 86119
Lee, L.I. *see* Yeung, D. 120390
Lee, L.L., Sosa, B.R.M. Pattern recognition via match between coded patterns and feature vectors 66626
Lee, L.L. *see* Lambeth, D.N. 64423
Lee, L.L. *see* Laughlin, D.E. 106579
Lee, M. A new test structure methodology for MOS hot carrier reliability 114838
Lee, M., Chen, C.Y.R. Discrete-time G/G/1 queueing systems and message delay in TDM systems 98443
Lee, M., Chen, C.Y.R. Analysis of the discrete-time G/G/1 vacation queuing systems and the approximation of discrete-time polling systems 98444
Lee, M., McDaniel, E.B., Hsu, J.W.P. An impedance based non-contact feedback control system for scanning probe microscopes 69032
Lee, M. *see* Brake, M.L. 60472
Lee, M. *see* Jokerst, N.M. 75770
Lee, M. *see* Lee, C.L. 109916
Lee, M. *see* Tran, P. 120022
Lee, M. *see* Tschosik, B. 82910
Lee, M.-C. *see* Lin, M.-S. 81994
Lee, M.-S. *see* Kang, S.-S. 99774
Lee, M.-S. *see* Son, C.-S. 114607
Lee, M.-Y. *see* Choi, S.-J. 105785
Lee, M.-Y. *see* Lee, S.Y. 83774
Lee, M.A., Esbensen, H. Automatic construction of fuzzy controllers for evolutionary multiobjective optimization algorithms 113177
Lee, M.C., Lee, M.H., Choi, Y.J., Yang, S.Y., Yoon, K.S. On development of stroke sensing cylinder for automatic excavator 69493
Lee, M.C. *see* Vladimer, J.A. 120766
Lee, M.G., Beilin, S. Chemical mechanical polish (CMP) of copper/polyimide with polish stop for microelectronic integration 105743
Lee, M.H. *see* Lee, M.C. 69493
Lee, M.J., Wright, S.W., Judge, C.P., Roberts, P.K. Cadmium selenide TFTs and circuits prepared by sputtering 84398
Lee, M.J. *see* Changdong Liu 109213
Lee, M.J. *see* Fleischer, S.D. 90830
Lee, M.J. *see* Rastomjee, C.S. 105567
Lee, M.K., Hu, C.C., Hwang, C.Z. The electrical and optical characteristics of GaAs on Si by modified flow rate modulation epitaxy 61174
Lee, M.L. *see* Wuu, D.S. 104892
Lee, M.S.L. *see* Tenbroek, B.M. 74483
Lee, M.S.L. *see* Tenbroek, B.M. 83543
Lee, M.T.-C. *see* Araujo, G. 83157
Lee, M.T.-C. *see* Chih-Chang Lin 83073
Lee, M.T.-C. *see* Tiwari, V. 93499
Lee, M.T.C. *see* Chih-Chang Lin 113861
Lee, M.Tien-Chien *see* Tien-Chien Lee, M.
Lee, M.W. *see* Song, Y.J. 118568
Lee, M.Y., Wong, M.K., Tang, F.T. Clinical evaluation of a new biofeedback standing balance training device 101405
Lee, M.Y., Wong, M.K., Tang, F.T., Chang, W.H., Chen, Y.L. Cervical traction using EMG biofeedback 70184
Lee, M.Y. *see* Hwang, C.G. 83114
Lee, M.Y. *see* Park, I.S. 115012
Lee, M.Y. *see* Shibkov, A. 63308
Lee, N.-C. *see* O'hara, W. 92232
Lee, N.-C. *see* O'Hara, W.B. 73880
Lee, N.-C. *see* Ohara, W.B. 82215
Lee, N.-E., Cahill, D.G., Greene, J.E. Evolution of surface roughness in epitaxial $Si_{0.7}Ge_{0.3}(001)$ as a function of growth temperature (200-600°C) and Si(001) substrate miscut 103839
Lee, N.-E., Matsuoka, M., Sardela, M.R., Jr., Tian, F., Greene, J.E. Growth, microstructure, and strain relaxation in low-temperature epitaxial $Si_{1-x}Ge_x$ alloys deposited on Si(001) from hyperthermal beams 92709
Lee, N.-E., Xue, G., Greene, J.E. Epitaxial Si(001) grown at 80-750°C by ion-beam sputter deposition: crystal growth, doping, and electronic properties 92707
Lee, N.-Y., Hwang, T. Modified Harn signature scheme based on factorising and discrete logarithms 76710
Lee, N.A. *see* Crow, J.D. 119221
Lee, N.J. *see* Lee, H.S. 87413
Lee, P. *see* Mizuno, S. 63455
Lee, P. *see* Mizuno, S. 63458
Lee, P.-W., Kim, Y.-J., Seo, S.-H., Kim, J.-I., Chang, H.-Y. Real time intrusive optical emission spectroscopy for process control 63398
Lee, P.-W. *see* Seo, S.-H. 63393
Lee, P.C.Y., Wang, J. Frequency-temperature relations of thickness-shear and flexural vibrations of contoured quartz resonators 115443
Lee, P.H.Y. *see* Barter, J.D. 120828
Lee, P.J. *see* Larbalestier, D.C. 84878
Lee, P.K.D. *see* Darvell, B.W. 79237
Lee, P.P. *see* Sadwick, L.P. 103930
Lee, P.S. *see* Heinrich, S.M. 60609
Lee, P.S. *see* Nambisan, B.U. 83590
Lee, P.S. *see* Schaefer, M. 92182
Lee, P.S.C. *see* Dow, G.S. 89157
Lee, P.W., Mizuno, S., Verma, A., Tran, H., Nguyen, B. Dielectric constant and stability of fluorine-doped plasma enhanced chemical vapor deposited SiO_2 thin films 72904
Lee, Q. *see* Bhattacharya, U. 84349
Lee, R., Zhong Chen, Jevtic, J.O., Jin-Fa Lee Important considerations in the evaluation of absorbing boundary conditions 97034
Lee, R. *see* Creech, G.L. 83504
Lee, R. *see* Jevtic, J.O. 97072
Lee, R. *see* Liou, L.L. 74665
Lee, R. *see* Moreno, W.A. 94835
Lee, R. *see* Nassar, E. 111277
Lee, R. *see* Nehrbass, J.W. 97032
Lee, R. *see* Vahala, K. 65239
Lee, R. *see* Vahala, K.J. 88480
Lee, R. *see* Wu, Q. 121302
Lee, R.-Y. *see* Huang, C.-M. 98840
Lee, R.-Y. *see* Huang, C.-M. 98878
Lee, R.-Y. *see* Huang, C.-M. 109223
Lee, R.A., Shaw, P.J., Razaz, M. Application of a constrained deconvolution approach to 3-D optical microscopy using magnitude and complex OTFs 97972
Lee, R.G. *see* Campbell, A.N. 95137
Lee, R.Giahn-Horng *see* Giahn-Horng Lee, R.
Lee, R.S. *see* Ho, T.H. 103457
Lee, R.S. *see* Huang, H.-C. 103463
Lee, R.W. *see* Uberbacher, E.C. 66873
Lee, R.Y. *see* Wu, Q. 121303
Lee, R.Y. *see* Wu, Q. 121304
Lee, S. Accurate modeling of small-signal equivalent circuit for heterojunction bipolar transistors 115171
Lee, S., Jang, S.-H., Kwon, S.-H. Architectures for high speed re-synchronization using parallel pattern matching 87158
Lee, S., Meister, M., Glover, M. Grid resistors tame harsh environments for motor control 81397
Lee, S., Park, S.H., Lee, S.-H. A rate control algorithm for co-located variable bit-rate MPEG-2 video encoders 86541
Lee, S., Ro, S. A self-calibration model for hand-eye systems with motion estimation 108679
Lee, S. *see* Barnes, G. 80540
Lee, S. *see* Diamantidis, D. 71756
Lee, S. *see* He, Z. 101033
Lee, S. *see* Joshi, M.M. 121380
Lee, S. *see* Krishnan, R. 71754
Lee, S. *see* Kuo, D. 115754
Lee, S. *see* Oh, Y. 75423
Lee, S. *see* Vuong, S.T. 118149
Lee, S. *see* Wu, C.-S. 98521
Lee, S. *see* Yun, B.I. 61082
Lee, S.-C. *see* Heiss, W. 62960
Lee, S.-D., Lee, H.-Y. Screening bonding wire and the wideband characterization to reduce crosstalk between high density bonding wires 112955
Lee, S.-D. *see* Cheung, T.-S. 75011
Lee, S.-D. *see* Cheung, T.-S. 115366
Lee, S.-H. *see* Cho, J.-H. 114024
Lee, S.-H. *see* Choi, H.-C. 117666
Lee, S.-H. *see* Choi, H.-C. 117666
Lee, S.-H. *see* Lee, S. 86541
Lee, S.-H. *see* Yi, S.-Y. 117665
Lee, S.-K. *see* Choi, H.-S. 113453
Lee, S.-M., You, C.-W., Kang, C.-E., Hong, D.-S. Acquisition of PN sequence by neural networks in direct-sequence spread-spectrum systems 118806
Lee, S.-T. *see* Lan, K.T. 104449
Lee, S.-W. *see* Huang, C.-M. 98447
Lee, S.-W. *see* Van Graas, F. 70382
Lee, S.B., Yu, C.M., Ciralo, D.R., Sheem, S.K. A micromachined interferometer for dynamic high-pressure sensing [in automotive applications] 110087
Lee, S.C. *see* Chung, H.T. 82577
Lee, S.C. *see* Santo, A.G. 90674
Lee, S.C. *see* Watanabe, T. 85640
Lee, S.D. *see* Kim, T.W. 105326
Lee, S.G. *see* Guerreiro, P.T. 65237
Lee, S.G. *see* Guerreiro, P.T. 94562
Lee, S.G. *see* Hubin, M. 72937
Lee, S.G. *see* Zweidinger, D.T. 63905
Lee, S.H., Lee, D.-D., Kim, J.-H., Shin, K.-S., Park, H.-S., Choi, S.-H. Etch induced gate oxide degradation in an electron cyclotron resonance plasma etcher 63329
Lee, S.H., Song, H.J., Lee, K.J. A unified capacitance model of GaAs MESFET 115237
Lee, S.H. *see* Ao, Q. 101241
Lee, S.H. *see* Brauer, J.R. 102727
Lee, S.H. *see* Choi, J.H. 104015
Lee, S.H. *see* Choi, J.S. 96546
Lee, S.H. *see* Chu, W. 110789
Lee, S.H. *see* Daschner, W. 85760
Lee, S.H. *see* Daschner, W. 95807
Lee, S.H. *see* Ebong, A.U. 71700
Lee, S.H. *see* Ebong, A.U. 71703

Lee, S.H. *see* Jin, M.S. 85330
Lee, S.H. *see* Kim, M.H. 108508
Lee, S.H. *see* Kim, Y.J. 114914
Lee, S.H. *see* Liu, Y.S. 116287
Lee, S.H. *see* Sasaki, H. 95907
Lee, S.H. *see* Zaleta, D. 85343
Lee, S.H.D., Eggerstedt, P., Zievers, J.F. Preliminary evaluation of the FIBROSIC candle filter for particulate control in PFBC 102417
Lee, S.I. *see* Chang, Y.H. 61320
Lee, S.I. *see* Hwang, C.G. 83114
Lee, S.I. *see* Park, I.S. 115012
Lee, S.J., Khurgin, J.B. Novel quantum box intersubband lasing mechanism based on image charges 96322
Lee, S.J., Lee, C.W. Conditional-entropy-constrained trellis-searched vector quantization for image compression 67059
Lee, S.J. *see* Cui, A.G. 94559
Lee, S.J. *see* Gorbounova, O. 65439
Lee, S.K., Vannier, M.W. Post-acquisition correction of MR inhomogeneities 120341
Lee, S.K. *see* Hammons, T.J. 91510
Lee, S.K. *see* Jo, S. 75228
Lee, S.K. *see* Park, K.H. 82166
Lee, S.L. *see* Lawton, W. 60985
Lee, S.M. Rigorous analysis of polarization-preserving fiber-optic directional couplers 64718
Lee, S.M. Finite-difference vectorial-beam-propagation method using Yee's discretization scheme for modal fields 95721
Lee, S.M. *see* Mang, K.M. 63173
Lee, S.M. *see* Nam, J.Y. 67985
Lee, S.P., Lee, K.M., Kim, C.K., Nahm, K., Pelzl, J. Microscopic calculation of the spontaneous magnetization of amorphous ferromagnets 115481
Lee, S.R. *see* Fritz, I.J. 116109
Lee, S.S. Internet development in the Asia Pacific region: challenges to implementation 87815
Lee, S.S., White, R.M. Self-excited piezoelectric cantilever oscillators 84622
Lee, S.S. *see* Hwang, D.G. 115623
Lee, S.S. *see* Lin, L.Y. 75561
Lee, S.S. *see* Lin, L.Y. 78673
Lee, S.S. *see* Seo, J.S. 106118
Lee, S.S. *see* Shen, J.L. 64624
Lee, S.S.G. *see* Ngoi, B.K.A. 82175
Lee, S.S.H. *see* Roytelman, I. 70869
Lee, S.T., Lau, K.T. An analog Gaussian synapse for artificial neural networks 73613
Lee, S.T., Yeo, K.S., Rofail, S., Lau, K.T. A ±1 V four-quadrant analog BiCMOS multiplier 93620
Lee, S.T. *see* Kitagawa, M. 74193
Lee, S.T. *see* Kono, J. 62964
Lee, S.U. *see* Kim, Y.K. 86484
Lee, S.W. *see* Greenwood, A.D. 117018
Lee, S.W. *see* He, Z. 80156
Lee, S.Y. Emittance optimization in three- and multiple-bend achromats 110517
Lee, S.Y., Berglund, M. Overlapping spin synchrotron sideband resonances 100638
Lee, S.Y., Nakanishi, H., Lee, M.-Y. CRT grid emission and its prevention when using dispenser cathodes 83774
Lee, S.Y., Route, R.K., Feigelson, R.S. Growth of lithium niobate thin films by solid source MOCVD 92747
Lee, S.Y., Yoon, C.G., Lee, C.W. An incoherent direct-conversion receiver with a full digital logic FSK demodulator 99303
Lee, S.Y. *see* Caussyn, D.D. 119984
Lee, S.Y. *see* Crandell, D.A. 100780
Lee, S.Y. *see* Friesel, D.L. 79918
Lee, S.Y. *see* Gao, C. 115672
Lee, S.Y. *see* Huang, H. 119985
Lee, S.Y. *see* Kang, X. 89843
Lee, S.Y. *see* Li, D. 79813
Lee, S.Y. *see* Liu, J.Y. 79891
Lee, S.Y. *see* Liu, J.Y. 89882
Lee, S.Y. *see* Pei, A. 89976
Lee, S.Y. *see* Pei, A. 100653
Lee, S.Y. *see* Pei, A. 100654
Lee, S.Y. *see* Phelps, R.A. 119990
Lee, S.Y. *see* Rauch, G.C. 115681
Lee, S.Y. *see* Riabko, A. 89997
Lee, S.Y. *see* Wang, L. 89881
Lee, T., Chin, T.C. Writing a stepper motor simulation program 102767
Lee, T., Hajj, I.N. Test generation for current testing of bridging faults in CMOS VLSI circuits 83045
Lee, T., Hajj, I.N., Rudnick, E.M., Patel, J.H. Genetic-algorithm-based test generation for current testing of bridging faults in CMOS VLSI circuits 104427
Lee, T. *see* Jarett, K. 109558
Lee, T. *see* Ko, K. 100660
Lee, T. *see* Krietenstein, B. 94187
Lee, T. *see* Peck, D.J. 60634
Lee, T. *see* Petrovich, A. 79301
Lee, T. *see* Yoon, M. 79864
Lee, T.-D., Cheng, P.-H., Pan, J.-S., Lai, Y., Lin, W. Mode emission characteristics of semiconductor microdisc and microring lasers 116517
Lee, T.-D. *see* Cheng, P.-H. 107345
Lee, T.-H., Humphrey, D.A., Dengler, R.J., Mehdi, I., Martin, S.C., Pease, A., Oswald, J.E., Smith, R.P., Siegel, P.H. Fabrication and performance of separately-biasable antiparallel-pair "T-anode" mixer diodes employing a compact multiple-layer integrated bias circuit at 210 GHz 83369
Lee, T.-H., Lai, K.-C. A fast computation algorithm for connection admission control of delay sensitive traffic with multiple quality of service requirements 108741
Lee, T.-H. *see* Cheng, Y.-J. 88039
Lee, T.-H. *see* Lai, K.-C. 77679
Lee, T.-H. *see* Rahmat-Samii, Y. 66086
Lee, T.-H. *see* Yang, C.-F. 70977
Lee, T.-H. *see* Yang, Y.-S. 98793
Lee, T.-P., Zah, C.E., Bhat, R., Young, W.C., Pathak, B., Favire, F., Lin, P.S.D., Andreadakis, N.C., Caneau, C., Rahjel, A.W., Koza, M., Gamelin, J.K., Curtis, L., Mahoney, D.D., Lepore, A. Multiwavelength DFB laser array transmitters for ONTC reconfigurable optical network testbed 78880
Lee, T.-S. *see* Chen, C.-T. 99397
Lee, T.-S. *see* Hsu, S.-M. 97393
Lee, T.-W. *see* Plimmer, S.A. 74689
Lee, T.D. *see* Chang, H.S. 64296
Lee, T.D. *see* Lee, K.J. 115603
Lee, T.G., Moon, S.C., Lee, H.M., Kim, J.S., Lee, C.S., Kim, H.Y., Park, H.K. Compensation of intra-field registration error caused by process properties in optical lithography 115071
Lee, T.G. *see* Tantawi, S.G. 100486
Lee, T.G. *see* Wang, C.H. 106348
Lee, T.H. *see* Chen, B.M. 84727
Lee, T.H. *see* Mehdi, I. 83368
Lee, T.H. *see* Montanaro, J. 73430
Lee, T.H. *see* Park, K.T. 83118
Lee, T.J. *see* Bekir, E.C. 119011
Lee, T.M., Chan, T.W. The effects of harmonics on the operational characteristics of residual-current circuit breakers 81597
Lee, T.P. *see* Gamelin, J. 88652
Lee, T.P. *see* Yoo, S.J.B. 64816
Lee, T.P. *see* Zah, C.E. 65225
Lee, T.P. *see* Zah, C.E. 68417
Lee, T.S., Fung, B.K., Markus, D.T. Phenomenon of skipping sparks in discharges on a dielectric surface 95247
Lee, T.S., Jeoung, Y.T., Kim, H.K., Kim, J.M., Park, I.H., Chang, J.M., Kim, S.U., Park, M.J. Study on tellurium precipitates in CdZnTe crystals grown by seeded vertical Bridgman method 61144
Lee, T.S. *see* Lee, Y.T. 113619
Lee, T.S. *see* Markus, D.T. 95260
Lee, T.T., Soung-Yue Liew Parallel routing algorithms in Benes-Clos networks 87307
Lee, T.T. *see* Lam, C.H. 77714
Lee, T.T. *see* Soung C. Liew 78281
Lee, T.T. *see* Xiao-Lei Guo 77639
Lee, T.W. *see* Huffman, K. 95145
Lee, T.W. *see* Plimmer, S.A. 63545
Lee, V. *see* Chan, K.C.C. 111406
Lee, V. *see* Poga, C. 95658
Lee, V.Y. *see* Burland, D.M. 115995
Lee, V.Y. *see* Miller, R.D. 85642
Lee, V.Y. *see* Moylan, C.R. 64782
Lee, W., Pickholtz, R.L. Convergence analysis of a CM array for CDMA systems 109447
Lee, W.-I. *see* Yin-Pin Wang 104891
Lee, W.-T., Chen, T.-H., Chen, L.-G. The VLSI design of a radix-2^k transpose Viterbi decoder 97486
Lee, W.-Y. *see* Krozer, V. 83526
Lee, W.-Y. *see* Lin, K.-C. 88587
Lee, W.C., Hsu, T.M., Chyi, J.-I., Lee, G.S., Li, W.-H., Lee, K.C. Characterization of low temperature GaAs grown by molecular beam epitaxy 61168
Lee, W.C.Y. What will be the future of wireless communications? 118808
Lee, W.H. *see* Kim, D.W. 84030
Lee, W.H. *see* Meen, T.H. 75314
Lee, W.J. *see* Kim, I. 95242
Lee, W.J. *see* Torii, Y. 62376
Lee, W.K. *see* Huang, X.G. 107656
Lee, W.K. *see* Udrea, D.D. 100398
Lee, W.S., Garthe, D., Hadjifotiou, A. Modelling and experimental comparison of a 40 Gbit/s OTDM system over a transmission distance of 560 km 68517
Lee, W.S., Garthe, D., Pettitt, G., Hadjifotiou, A. Modelling and experimental comparison of a 40 Gbit/s OTDM system over a transmission distance of 560 km 78706
Lee, W.S., Pettitt, G., Garthe, D., Hadjifotiou, A. 40 Gbit/s OTDM transmission over a distance of 560 km: System implementation and performance evaluation 99557
Lee, W.S. *see* Garthe, D. 78704
Lee, W.S. *see* Garthe, D. 78875
Lee, W.S. *see* Saunders, R.A. 78717
Lee, W.Y. *see* Schussler, M. 83393
Lee, X. *see* Zhang, Y.-Q. 98181
Lee, Y., Chiu, S.Y., Ryan, J. A branch and cut algorithm for a Steiner tree-star problem 113125
Lee, Y., Perkins, L.T., Gough, R.A., Hoffmann, M., Kunkel, W.B., Leung, K.N., Sarstedt, M., Vujic, J., Weber, M., Williams, M.D. Production of low energy spread ion beams with multicusp sources 90103
Lee, Y. *see* Farhang-Boroujeny, B. 97853
Lee, Y. *see* Sarstedt, M. 100784
Lee, Y.-H., Kawamata, M., Higuchi, T. Design of 2-D state-space digital filters over a powers-of-two coefficient space using a genetic algorithm 93605
Lee, Y.-H. *see* Shin, H.-E. 85511
Lee, Y.-J. *see* Gray, J.L. 112362
Lee, Y.-P. *see* Chen, L.-G. 98180
Lee, Y.-S. *see* Yu, S.-G. 100172
Lee, Y.B., Wong, P.C. A server array approach for video-on-demand service on local area networks 87719
Lee, Y.C., Yuen, W.K., Shu, C. Efficient generation of wavelength-tunable single-mode pulses at 1.3 and 1.55 μm by a simplified approach of self-injection seeding 96386
Lee, Y.C. *see* Gao, C. 115698
Lee, Y.C. *see* Morozova, N.D. 85510
Lee, Y.C. *see* Qing Tan 112916
Lee, Y.C. *see* Shu, C. 119256
Lee, Y.C. *see* You, Y.H. 77701
Lee, Y.D., Kot, A.C., Babri, H. Variance evaluation of principal component based frequency estimator 97708
Lee, Y.H., Ju, B.K., Song, M.H., Hahn, T.S., Oh, M.H., Kim, D.H. Effect of an interlayer on the emission characteristics of a white-light-emitting electroluminescent device with a Pr and Ce doubly doped ZnS phosphor layer 75736
Lee, Y.H. *see* Huang, J.C.A. 75198
Lee, Y.H. *see* Hwang, D.G. 115623
Lee, Y.H. *see* Ju, B.K. 74492
Lee, Y.H. *see* Lee, J.H. 61335
Lee, Y.H. *see* van Duuren, M.J. 69029
Lee, Y.J. *see* Do, J.Y. 110399
Lee, Y.J. *see* Kim, J.W. 63014
Lee, Y.J. *see* Moslehi, M.M. 84056
Lee, Y.J. *see* Roh, Y.R. 110257
Lee, Y.M., Jang, D.H., Sun, Y.B. A new multichip package for telecommunication application 82276
Lee, Y.M., Jang, D.H., Sun, Y.B., Oh, S.Y. New multichip package using a Si-substrate 82236
Lee, Y.P. *see* Chang, S.P. 75235
Lee, Y.S., Siu, K.W. Single-switch fast-response switching regulators with unity power factor 71455
Lee, Y.S. *see* Nam, J.Y. 67985
Lee, Y.S. *see* Ng, S.W. 113743
Lee, Y.T., Shiwa, M., Kishi, T., Kima, S.T., Lee, T.S. Fracture mechanism analysis of SiC/SiC composites in ILSS test by AE spherical radiation pattern method 113619
Lee, Y.Y. *see* Ahrens, L.A. 79924
Lee, Y.Y. *see* Palmer, R.B. 79798
Lee, Y.Y. *see* Tanaka, M. 100723
Lee Bih-Hwang *see* Bih-Hwang Lee
Lee Bo Young *see* Bo Young Lee
Lee Bong Hwan *see* Bong Hwan Lee
Lee Bong Wan *see* Bong Wan Lee
Lee Bu Sung *see* Bu Sung Lee
Lee Bun *see* Bun Lee
Lee Byeong Gi *see* Byeong Gi Lee
Lee Byoung Sun *see* Byoung Sun Lee
Lee Byoung Taek *see* Byoung Taek Lee
Lee Byoung-Kuk *see* Byoung-Kuk Lee
Lee Byoung-Woo *see* Byoung-Woo Lee
Lee Byoung-Yoon *see* Byoung-Yoon Lee
Lee Byoungho *see* Byoungho Lee
Lee Byung Soo *see* Byung Soo Lee
Lee Byung Teak *see* Byung Teak Lee
Lee Byung-Gook *see* Byung-Gook Lee
Lee Byung-Ha *see* Byung-Ha Lee
Lee Byung-Song *see* Byung-Song Lee
Lee Byung-Teak *see* Byung-Teak Lee
Lee Byung-Uk *see* Byung-Uk Lee
Lee Chae Deok *see* Chae Deok Lee
Lee Chae-Soo *see* Chae-Soo Lee
Lee Chan Young *see* Chan Young Lee
Lee Chang Bum *see* Chang Bum Lee
Lee Chang Gun *see* Chang Gun Lee
Lee Chang Ho *see* Chang Ho Lee
Lee Chang Hoon *see* Chang Hoon Lee
Lee Chang Ryong *see* Chang Ryong Lee
Lee Chang Woo *see* Chang Woo Lee
Lee Chang-Bok *see* Chang-Bok Lee
Lee Chang-Shing *see* Chang-Shing Lee
Lee Changhoon *see* Changhoon Lee
Lee Changoo *see* Changoo Lee
Lee Changyeol *see* Changyeol Lee
Lee Chankil *see* Chankil Lee
Lee Chao-Hui *see* Chao-Hui Lee
Lee Chau-Hwang *see* Chau-Hwang Lee
Lee Chen *see* Chen Lee
Lee Chen-Yi *see* Chen-Yi Lee
Lee Cheng-Chung *see* Cheng-Chung Lee
Lee Cheng-Hua *see* Cheng-Hua Lee
Lee Chengkuo *see* Chengkuo Lee
Lee Chengshu *see* Wu Xingyao 117918
Lee Cheol-Gyun *see* Cheol-Gyun Lee
Lee Chi-Chien *see* Chi-Chien Lee
Lee Chi-Wei *see* Chi-Wei Lee
Lee Chi-Yung *see* Chi-Yung Lee
Lee Chia-Hoang *see* Chia-Hoang Lee
Lee Chiapyng *see* Chiapyng Lee
Lee Chien Ping *see* Chien Ping Lee
Lee Chien-Hsiung *see* Chien-Hsiung Lee
Lee Chien-Hua *see* Chien-Hua Lee
Lee Chien-Ping *see* Chien-Ping Lee
Lee Chih-Hao *see* Chih-Hao Lee
Lee Chih-Jen *see* Chih-Jen Lee
Lee Chil-Woo *see* Chil-Woo Lee
Lee Chin-Hui *see* Chin-Hui Lee
Lee Ching-Her *see* Ching-Her Lee
Lee Ching-Ming *see* Ching-Ming Lee
Lee Ching-Ting *see* Ching-Ting Lee
Lee Ching-Yin *see* Ching-Yin Lee

Lee Chingting, Yeh Jihhsien, Lyu Yentang Characterization of Nd-doped AlGaAs grown by liquid phase epitaxy 82653
Lee Chomsik *see* Chomsik Lee
Lee Choochon *see* Choochon Lee
Lee Choon Sae *see* Choon Sae Lee
Lee Choong Sub *see* Choong Sub Lee
Lee Choong Woong *see* Choong Woong Lee
Lee Chul hee *see* Chul hee Lee
Lee Chul Ho *see* Chul Ho Lee
Lee Chul-Ho *see* Chul-Ho Lee
Lee Chul-Won *see* Chul-Won Lee
Lee Chun Gyoo *see* Chun Gyoo Lee
Lee Chung Kun *see* Chung Kun Lee
Lee Chung Len *see* Chung Len Lee
Lee Chung-Bow *see* Chung-Bow Lee
Lee Chung-Nan *see* Chung-Nan Lee
Lee Chung-sik *see* Chung-sik Lee
Lee Chung-wook *see* Chung-wook Lee
Lee Chung-Yee *see* Chung-Yee Lee
Lee Chung-Yi *see* Chung-Yi Lee
Lee Chungyong *see* Chungyong Lee
Lee Czang-Ho *see* Czang-Ho Lee
Lee Dae-Hee *see* Dae-Hee Lee
Lee Dae-Young *see* Dae-Young Lee
Lee Daehaeng *see* Daehaeng Lee
Lee Deok-Joo *see* Deok-Joo Lee
Lee Deug Ju *see* Deug Ju Lee
Lee Deug-Ju *see* Deug-Ju Lee
Lee Dik Lun *see* Dik Lun Lee
Lee Do-Young *see* Do-Young Lee
Lee Dong Do *see* Dong Do Lee
Lee Dong Il *see* Dong Il Lee
Lee Dong Joon *see* Dong Joon Lee
Lee Dong Uk *see* Dong Uk Lee
Lee Dong-Choon *see* Dong-Choon Lee
Lee Dong-Doo *see* Dong-Doo Lee
Lee Dong-Hahk *see* Dong-Hahk Lee
Lee Dong-Il *see* Dong-Il Lee
Lee Dong-Oh *see* Dong-Oh Lee
Lee DongGill *see* DongGill Lee
Lee Donghee *see* Donghee Lee
Lee Donghoon *see* Donghoon Lee
Lee Doo Soo *see* Doo Soo Lee
Lee Doo-Soo *see* Doo-Soo Lee
Lee Du-Hern *see* Du-Hern Lee
Lee Duck-Chool *see* Duck-Chool Lee
Lee DuckChul *see* DuckChul Lee
Lee Duk-Dong *see* Duk-Dong Lee
Lee Eel-Wan *see* Eel-Wan Lee
Lee El-Hang *see* El-Hang Lee
Lee Eun Gu *see* Eun Gu Lee
Lee Eun-Ho *see* Eun-Ho Lee
Lee Eun-Hyang *see* Eun-Hyang Lee
Lee Eung Don *see* Eung Don Lee
Lee Eung Hyuk *see* Eung Hyuk Lee
Lee Eung-Hyuk *see* Eung-Hyuk Lee
Lee Eung-Joo *see* Eung-Joo Lee
Lee Gee-Hyuk *see* Gee-Hyuk Lee
Lee Gen-Kwo *see* Gen-Kwo Lee
Lee Geon Joon *see* Geon Joon Lee
Lee Geun-Woo *see* Geun-Woo Lee
Lee Geunyoung *see* Geunyoung Lee
Lee Gi Hun *see* Gi Hun Lee
Lee Gi-Won *see* Gi-Won Lee
Lee Gue Myung *see* Gue Myung Lee
Lee Gwang-Choon *see* Gwang-Choon Lee
Lee Gyo Tae *see* Gyo Tae Lee
Lee Gyoo-Yeong *see* Gyoo-Yeong Lee
Lee Gyu Sang *see* Gyu Sang Lee
Lee Ha Woon *see* Ha Woon Lee
Lee Hae-Gwon *see* Hae-Gwon Lee
Lee Hae-Seung *see* Hae-Seung Lee
Lee Haekwan *see* Haekwan Lee
Lee Hai-Shueh *see* Hai-Shueh Lee
Lee Hai-Woong *see* Hai-Woong Lee
Lee Hai-Young *see* Hai-Young Lee
Lee Haing Sei *see* Haing Sei Lee
Lee Hak Kyu *see* Hak Kyu Lee
Lee Hak-Kyu *see* Hak-Kyu Lee
Lee Hak-Yong *see* Hak-Yong Lee
Lee Han-Kyu *see* Han-Kyu Lee
Lee Han-Seok *see* Han-Seok Lee
Lee Hangseop *see* Hangseop Lee
Lee Haw Ling *see* Ng Geok See 87105
Lee He-Jun *see* He-Jun Lee
Lee He-Young *see* He-Young Lee
Lee Hean Low *see* Low Lee Hean
Lee Hee Chul *see* Hee Chul Lee
Lee Hee Tae *see* Hee Tae Lee
Lee Heesang *see* Heesang Lee
Lee Heung-Jae *see* Heung-Jae Lee
Lee Heung-Kyu *see* Heung-Kyu Lee
Lee Ho Jae *see* Ho Jae Lee
Lee Ho Joon *see* Ho Joon Lee
Lee Ho Jun *see* Ho Jun Lee
Lee Ho Seong *see* Ho Seong Lee
Lee Ho-Jun *see* Ho-Jun Lee
Lee Ho-kyoung *see* Ho-kyoung Lee
Lee Hock Jin *see* Hock Jin Lee
Lee Hong Kyu *see* Hong Kyu Lee
Lee Hong-Bae *see* Hong-Bae Lee
Lee Hoon-Bock *see* Hoon-Bock Lee
Lee Hoon-Goo *see* Hoon-Goo Lee
Lee How-Chiang *see* How-Chiang Lee
Lee Hsien-Che *see* Hsien-Che Lee
Lee Hu-Jong *see* Hu-Jong Lee
Lee Huey-Min *see* Huey-Min Lee
Lee Hun *see* Hun Lee
Lee Hung-Ju *see* Hung-Ju Lee
Lee Hwack Joo *see* Hwack Joo Lee
Lee Hwan *see* Hwan Lee
Lee Hwan-Rei *see* Hwan-Rei Lee
Lee Hyang-Beom *see* Hyang-Beom Lee
Lee Hyeong Ho *see* Hyeong Ho Lee
Lee Hyeong-Ho *see* Hyeong-Ho Lee
Lee Hyeongho *see* Hyeongho Lee
Lee Hyeun Bae *see* Hyeun Bae Lee
Lee Hyeun Tae *see* Hyeun Tae Lee
Lee Hyeung Gyu *see* Hyeung Gyu Lee
Lee Hyouk *see* Hyouk Lee
Lee Hyuck Jae *see* Hyuck Jae Lee
Lee Hyuck-Jae *see* Hyuck-Jae Lee
Lee Hyun *see* Hyun Lee
Lee Hyung Jae *see* Hyung Jae Lee
Lee Hyung Jong *see* Hyung Jong Lee
Lee Hyung Ki *see* Hyung Ki Lee
Lee Hyung-Jong *see* Hyung-Jong Lee
Lee Hyung-Ki *see* Hyung-Ki Lee
Lee Hyungsoo *see* Hyungsoo Lee
Lee Hyunsook *see* Hyunsook Lee
Lee I-Ming Ryan *see* I-Ming Ryan Lee
Lee Ik Soo *see* Ik Soo Lee
Lee Il-Jeong *see* Il-Jeong Lee
Lee In Sung *see* In Sung Lee
Lee In Won *see* In Won Lee
Lee In-Ho *see* In-Ho Lee
Lee Ingeol *see* Ingeol Lee
Lee Insook *see* Insook Lee
Lee Insung *see* Insung Lee
Lee Inyeol *see* Inyeol Lee
Lee Jae Bin *see* Jae Bin Lee
Lee Jae Ho *see* Jae Ho Lee
Lee Jae Hong *see* Jae Hong Lee
Lee Jae Hwoon *see* Jae Hwoon Lee
Lee Jae Hyung *see* Jae Hyung Lee
Lee Jae Sung *see* Jae Sung Lee
Lee Jae Yong *see* Jae Yong Lee
Lee Jae-Choon *see* Jae-Choon Lee
Lee Jae-Gon *see* Jae-Gon Lee
Lee Jae-Hyun *see* Jae-Hyun Lee
Lee Jae-Jin *see* Jae-Jin Lee
Lee Jae-Seung *see* Jae-Seung Lee
Lee Jae-Shin *see* Jae-Shin Lee
Lee Jae-Suk *see* Jae-Suk Lee
Lee Jaehee *see* Jaehee Lee
Lee Jaejin *see* Jaejin Lee
Lee Jaemyoung *see* Jaemyoung Lee
Lee Jaeyong *see* Jaeyong Lee
Lee Jai-Hyung *see* Jai-Hyung Lee
Lee Jai-Yong *see* Jai-Yong Lee
Lee Jai-Young *see* Jai-Young Lee
Lee Jaiyong *see* Jaiyong Lee
Lee Jang Gyu *see* Jang Gyu Lee
Lee Jang-Gyu *see* Jang-Gyu Lee
Lee Jau-Yien *see* Jau-Yien Lee
Lee Jaushin *see* Jaushin Lee
Lee Jeh-Ho *see* Jeh-Ho Lee
Lee Jen-Huang *see* Jen-Huang Lee
Lee Jeon-Kook *see* Jeon-Kook Lee
Lee Jeong Gyu *see* Jeong Gyu Lee
Lee Jeong Ha *see* Jeong Ha Lee
Lee Jeong Yong *see* Jeong Yong Lee
Lee Jeong-A *see* Jeong-A Lee
Lee Jeong-Hyong *see* Jeong-Hyong Lee
Lee Jeong-Soo *see* Jeong-Soo Lee
Lee Jeong-Woo *see* Jeong-Woo Lee
Lee Jeong-Youb *see* Jeong-Youb Lee
Lee Jeoung Ju *see* Jeoung Ju Lee
Lee Jhong Sam *see* Jhong Sam Lee
Lee Ji-Chien *see* Ji-Chien Lee
Lee Ji-Hoon *see* Ji-Hoon Lee
Lee Ji-Kwang *see* Ji-Kwang Lee
Lee Jiin-Long *see* Jiin-Long Lee
Lee Jin *see* Jin Lee
Lee Jin-Fa *see* Jin-Fa Lee
Lee Jin-Fuw *see* Jin-Fuw Lee
Lee Jin-Hee *see* Jin-Hee Lee
Lee Jin-Ho *see* Jin-Ho Lee
Lee Jin-Se *see* Jin-Se Lee
Lee Jin-Soo *see* Jin-Soo Lee
Lee Jind-Yeh *see* Jind-Yeh Lee
Lee Jing *see* Jing Lee
Lee Jinhee *see* Jinhee Lee
Lee Jinju *see* Jinju Lee
Lee Jiunn-Chyi *see* Jiunn-Chyi Lee
Lee Jon-Ha *see* Jon-Ha Lee
Lee Jong D. *see* Jong D. Lee
Lee Jong Duk *see* Jong Duk Lee
Lee Jong Hyun *see* Jong Hyun Lee
Lee Jong Ig *see* Jong Ig Lee
Lee Jong Kyn *see* Jong Kyn Lee
Lee Jong-Bae *see* Jong-Bae Lee
Lee Jong-Bum *see* Jong-Bum Lee
Lee Jong-Hyeong *see* Jong-Hyeong Lee
Lee Jong-Lam *see* Jong-Lam Lee
Lee Jong-Sen *see* Jong-Sen Lee
Lee Jong-Tae *see* Jong-Tae Lee
Lee Jong-Tai *see* Jong-Tai Lee
Lee Jong-Wook *see* Jong-Wook Lee
Lee Jongchan *see* Jongchan Lee
Lee Jongmin *see* Jongmin Lee
Lee Joo In *see* Joo In Lee
Lee Joo-Hyon *see* Joo-Hyon Lee
Lee Joo-Yeol *see* Joo-Yeol Lee
Lee Joon-Ho *see* Joon-Ho Lee
Lee Joon-Hyun *see* Joon-Hyun Lee
Lee Joon-Seong *see* Joon-Seong Lee
Lee Joonwhoan *see* Joonwhoan Lee
Lee Joonwoo *see* Joonwoo Lee
Lee Joungchel *see* Joungchel Lee
Lee Ju *see* Ju Lee
Lee Ju-Hong *see* Ju-Hong Lee
Lee Jun-Ho *see* Jun-Ho Lee
Lee Jun-Hoi *see* Jun-Hoi Lee
Lee Jun-Yong *see* Jun-Yong Lee
Lee Jung Hee *see* Jung Hee Lee
Lee Jung Hwa *see* Jung Hwa Lee
Lee Jung-Hoon *see* Jung-Hoon Lee
Lee Jung-Joong *see* Jung-Joong Lee
Lee Jung-Suck *see* Jung-Suck Lee
Lee Jungsik *see* Jungsik Lee
Lee Jungtae *see* Jungtae Lee
Lee Kag Hyeon *see* Kag Hyeon Lee
Lee Kan-Yuan *see* Kan-Yuan Lee
Lee Kang Yun *see* Kang Yun Lee
Lee Kang-Yoon *see* Kang-Yoon Lee
Lee Kanghoon *see* Kanghoon Lee
Lee Keat Peng *see* Tan, W. 73367
Lee Kee Bang *see* Kee Bang Lee
Lee Kee-Chang *see* Kee-Chang Lee
Lee Keon-Myung *see* Keon-Myung Lee
Lee Keun Soo *see* Keun Soo Lee
Lee Ki Seung, Park Kun Jong, Youn Dae Hee Voice personality transformation using an orthogonal vector space conversion 66600
Lee Ki Yong *see* Ki Yong Lee
Lee Ki-Jong *see* Ki-Jong Lee
Lee Ki-Sik *see* Ki-Sik Lee
Lee Ki-Yong *see* Ki-Yong Lee
Lee Ki-Young *see* Ki-Young Lee
Lee Kie Young *see* Kie Young Lee
Lee KiJong *see* KiJong Lee
Lee Kil Jae *see* Kil Jae Lee
Lee Kil-Ho *see* Kil-Ho Lee
Lee Kil-Moo *see* Kil-Moo Lee
Lee Ko Wai *see* Wai Lee Ko
Lee Kok-Meng *see* Kok-Meng Lee
Lee Kuen-Jong *see* Kuen-Jong Lee
Lee Kuhn-Il *see* Kuhn-Il Lee
Lee Kun-Chou *see* Kun-Chou Lee
Lee Kunwoon *see* Kunwoon Lee
Lee Kuo-Chung *see* Kuo-Chung Lee
Lee Kwae Hi *see* Kwae Hi Lee
Lee Kwan Soo *see* Kwan Soo Lee
Lee Kwang Bae *see* Kwang Bae Lee
Lee Kwang-Ho *see* Kwang-Ho Lee
Lee Kwang-Ryel *see* Kwang-Ryel Lee
Lee Kwang-Seok *see* Kwang-Seok Lee
Lee Kwang-Sup *see* Kwang-Sup Lee
Lee Kwang-Woo *see* Kwang-Woo Lee
Lee Kwangho *see* Kwangho Lee
Lee Kwon Yeon *see* Kwon Yeon Lee
Lee Kwong-Man *see* Kwong-Man Lee
Lee Kwyro *see* Kwyro Lee
Lee Ky-Am *see* Ky-Am Lee
Lee Kyeong-Jin *see* Kyeong-Jin Lee
Lee Kyonghun *see* Kyonghun Lee
Lee Kyoung Hee *see* Kyoung Hee Lee
Lee Kyoung-Joon *see* Kyoung-Joon Lee
Lee Kyu Bok *see* Kyu Bok Lee
Lee Kyu Chan *see* Kyu Chan Lee
Lee Kyu-Ouk *see* Kyu-Ouk Lee
Lee Kyu-Phil *see* Kyu-Phil Lee
Lee Kyuchung *see* Kyuchung Lee
Lee Kyung Eon *see* Kyung Eon Lee
Lee Kyung Ha *see* Kyung Ha Lee
Lee Kyung Haeng *see* Kyung Haeng Lee
Lee Kyung Hee *see* Kyung Hee Lee
Lee Kyung Hoon *see* Kyung Hoon Lee
Lee Kyung Joon *see* Kyung Joon Lee
Lee Kyung O. *see* Kyung O. Lee
Lee Kyung Shik *see* Kyung Shik Lee
Lee Kyung Won *see* Kyung Won Lee
Lee Kyung-Geun *see* Kyung-Geun Lee
Lee Kyung-Hoon *see* Kyung-Hoon Lee
Lee Kyung-Sang *see* Kyung-Sang Lee
Lee Kyungho *see* Kyungho Lee
Lee Kyunghyu *see* Kyunghyu Lee
Lee Kyungil *see* Kyungil Lee
Lee Kyungwoo *see* Kyungwoo Lee
Lee Li-Lien *see* Li-Lien Lee
Lee Li-Siang *see* Li-Siang Lee
Lee Mal-Rey *see* Mal-Rey Lee
Lee Man Shek *see* Man Shek Lee
Lee Manseop *see* Manseop Lee
Lee Maw-Huei *see* Maw-Huei Lee
Lee Meejeong *see* Meejeong Lee
Lee Meng-Huang *see* Meng-Huang Lee
Lee Mi Kyung *see* Mi Kyung Lee
Lee Mike Tien-Chien *see* Mike Tien-Chien Lee
Lee Mikyung *see* Mikyung Lee
Lee Ming-Kwei *see* Ming-Kwei Lee
Lee Ming-Wei *see* Ming-Wei Lee
Lee Moohee *see* Moohee Lee
Lee Moon Ho *see* Moon Ho Lee
Lee Moon Key *see* Moon Key Lee
Lee Moon Yong *see* Moon Yong Lee
Lee Moon-Que *see* Moon-Que Lee
Lee Moonho *see* Moonho Lee
Lee Moung Ho *see* Moung Ho Lee
Lee Mowcheng *see* Mowcheng Lee
Lee Myeong-Yong *see* Myeong-Yong Lee
Lee Myong-Hee *see* Myong-Hee Lee
Lee Myoung Soo *see* Myoung Soo Lee
Lee Myung Bok *see* Myung Bok Lee
Lee Myung Sung *see* Myung Sung Lee
Lee Myung-Hyun *see* Myung-Hyun Lee
Lee Myung-Sung *see* Myung-Sung Lee
Lee Nien Chung *see* Nien Chung Lee

Lee Po Wa *see* Po Wa Lee
Lee Po-Chien *see* Po-Chien Lee
Lee Pui Mun *see* Pui Mun Lee
Lee Pyeonghwa *see* Pyeonghwa Lee
Lee Ret-Bean *see* Ret-Bean Lee
Lee Rong-Ren *see* Rong-Ren Lee
Lee San-Yi *see* San-Yi Lee
Lee Sang Geul *see* Sang Geul Lee
Lee Sang Rok *see* Sang Rok Lee
Lee Sang Soo *see* Sang Soo Lee
Lee Sang Suk *see* Sang Suk Lee
Lee Sang Tae *see* Sang Tae Lee
Lee Sang Uk *see* Sang Uk Lee
Lee Sang Yong *see* Sang Yong Lee
Lee Sang Yoon *see* Sang Yoon Lee
Lee Sang Yun *see* Sang Yun Lee
Lee Sang-Bae *see* Sang-Bae Lee
Lee Sang-Bo *see* Sang-Bo Lee
Lee Sang-Bong *see* Sang-Bong Lee
Lee Sang-Cheon *see* Sang-Cheon Lee
Lee Sang-Dong *see* Sang-Dong Lee
Lee Sang-Gug *see* Sang-Gug Lee
Lee Sang-Ho *see* Sang-Ho Lee
Lee Sang-Hoon *see* Sang-Hoon Lee
Lee Sang-Hwan *see* Sang-Hwan Lee
Lee Sang-Hyeo *see* Sang-Hyeo Lee
Lee Sang-Il *see* Sang-Il Lee
Lee Sang-Jeong *see* Sang-Jeong Lee
Lee Sang-Jin *see* Sang-Jin Lee
Lee Sang-Lak *see* Sang-Lak Lee
Lee Sang-Moon *see* Sang-Moon Lee
Lee Sang-Seek *see* Sang-Seek Lee
Lee Sang-Shin *see* Sang-Shin Lee
Lee Sang-Sik *see* Sang-Sik Lee
Lee Sang-Wook *see* Sang-Wook Lee
Lee SangBae *see* SangBae Lee
Lee Sangdon *see* Sangdon Lee
Lee Sangheon *see* Sangheon Lee
Lee Sangil *see* Sangil Lee
Lee Sangrok *see* Sangrok Lee
Lee Sangseol *see* Sangseol Lee
Lee Sanguk *see* Sanguk Lee
Lee Sanjin *see* Sanjin Lee
Lee See-Hyung *see* See-Hyung Lee
Lee Seo Ki *see* Seo Ki Lee
Lee Seog-Jun *see* Seog-Jun Lee
Lee Seoghyeong *see* Seoghyeong Lee
Lee Seok-Hyun *see* Seok-Hyun Lee
Lee Seok-Woon *see* Seok-Woon Lee
Lee Seong Ro *see* Seong Ro Lee
Lee Seong Ryong *see* Seong Ryong Lee
Lee Seong-Bae *see* Seong-Bae Lee
Lee Seong-Bong *see* Seong-Bong Lee
Lee Seong-Hwan *see* Seong-Hwan Lee
Lee Seong-Keun *see* Seong-Keun Lee
Lee Seonghearn *see* Seonghearn Lee
Lee Seongjae *see* Seongjae Lee
Lee Seoung Keun *see* Seoung Keun Lee
Lee Seoung-Ho *see* Seoung-Ho Lee
Lee Seung Hyung *see* Seung Hyung Lee
Lee Seung Wha *see* Seung Wha Lee
Lee Seung Won *see* Seung Won Lee
Lee Seung-Chang *see* Seung-Chang Lee
Lee Seung-Hoon *see* Seung-Hoon Lee
Lee Seung-Jae *see* Seung-Jae Lee
Lee Seung-Rae *see* Seung-Rae Lee
Lee Seung-Woo *see* Seung-Woo Lee
Lee Seung-Wood *see* Seung-Wood Lee
Lee Seung-Yo *see* Seung-Yo Lee
Lee Shan-Shan *see* Shan-Shan Lee
Lee Sheau-Chuen *see* Sheau-Chuen Lee
Lee Shi-Sheng *see* Shi-Sheng Lee
Lee Shi-Wei *see* Shi-Wei Lee
Lee Shuenn-Yuh *see* Shuenn-Yuh Lee
Lee Shung-Shing *see* Shung-Shing Lee
Lee Si-Chen *see* Si-Chen Lee
Lee Sin-Doe *see* Sin-Doe Lee
Lee Sin-Doo *see* Sin-Doo Lee
Lee Song-Keun *see* Song-Keun Lee
Lee Soo In *see* Soo In Lee
Lee Soo Yeol *see* Soo Yeol Lee
Lee Soo-Young *see* Soo-Young Lee
Lee Soonchil *see* Soonchil Lee
Lee Suck-Mok *see* Suck-Mok Lee
Lee Suk-Jin *see* Suk-Jin Lee
Lee Sung Keun *see* Sung Keun Lee
Lee Sung Won *see* Sung Won Lee
Lee Sung Woo *see* Sung Woo Lee
Lee Sung-Chul *see* Sung-Chul Lee
Lee Sung-Gap *see* Sung-Gap Lee
Lee Sung-Man *see* Sung-Man Lee
Lee Sungchang *see* Sungchang Lee
Lee Sungchul *see* Sungchul Lee
Lee Sungkeun *see* Sungkeun Lee
Lee Tae-Goo *see* Tae-Goo Lee
Lee Tae-Gyoo *see* Tae-Gyoo Lee
Lee Tae-Woo *see* Tae-Woo Lee
Lee Tae-Young *see* Tae-Young Lee
Lee Taek Seung *see* Taek Seung Lee
Lee Taek-Kyung *see* Taek-Kyung Lee
Lee Taekoo *see* Taekoo Lee
Lee Tag-Dong *see* Tag-Dong Lee
Lee Tai Sing *see* Tai Sing Lee
Lee Te Won *see* Te Won Lee
Lee Tien-Chien *see* Tien-Chien Lee
Lee Tien-You *see* Tien-You Lee
Lee Ting H, Tasi Lih-Lang The application of FACTS in Taipower's system 111566
Lee Tsai-Pao *see* Tsai-Pao Lee
Lee Tsern-Huei *see* Tsern-Huei Lee
Lee Tsorng-Shyang *see* Tsorng-Shyang Lee
Lee Tsuen-Lin *see* Tsuen-Lin Lee
Lee Tsung-En *see* Tsung-En Lee
Lee Tsung-Ming *see* Tsung-Ming Lee
Lee Tsung-Sum *see* Tsung-Sum Lee
Lee Tze-San *see* Tze-San Lee
Lee Tzong-Shing *see* Tzong-Shing Lee
Lee Wai *see* Wai Lee
Lee Wai Mun *see* Wai Mun Lee
Lee Wang-Chien *see* Wang-Chien Lee
Lee Wang-Hwan *see* Wang-Hwan Lee
Lee Wei-I *see* Wei-I Lee
Lee Wei-Jen *see* Wei-Jen Lee
Lee Wei-L *see* Wei-L Lee
Lee Wen-Ao *see* Wen-Ao Lee
Lee Wen-Chau *see* Wen-Chau Lee
Lee Wingkee *see* Wei Zhiyi 75875
Lee Won Cheol *see* Won Cheol Lee
Lee Won Jong *see* Won Jong Lee
Lee Won-Jong *see* Won-Jong Lee
Lee Won-Kyu *see* Won-Kyu Lee
Lee Won-Myung *see* Won-Myung Lee
Lee Wonho *see* Wonho Lee
Lee Woo Hyung *see* Woo Hyung Lee
Lee Woo Yong *see* Woo Yong Lee
Lee Wook Hyoung *see* Wook Hyoung Lee
Lee Wookgee *see* Wookgee Lee
Lee Wookwon *see* Wookwon Lee
Lee Wu-Han Experience of on-line information systems on the development of Taipower's AM/FM pilot systems 111531
Lee Wu-Han *see* Wu-Han Lee
Lee Xavier *see* Xavier Lee
Lee Xin-Ping *see* Xin-Ping Lee
Lee Yang-Han *see* Yang-Han Lee
Lee Yangsoo *see* Yangsoo Lee
Lee Yann-Hang *see* Yann-Hang Lee
Lee Ye Hoon *see* Ye Hoon Lee
Lee Yei-Chung *see* Yei-Chung Lee
Lee Yen-Jen *see* Yen-Jen Lee
Lee Yeon Seon *see* Yeon Seon Lee
Lee Yeuan-Kuen *see* Yeuan-Kuen Lee
Lee Ying-Kit *see* Ying-Kit Lee
Lee Yip-Chi *see* Yip-Chi Lee
Lee Yong Eui *see* Yong Eui Lee
Lee Yong Hoon *see* Yong Hoon Lee
Lee Yong Hyun *see* Yong Hyun Lee
Lee Yong Tai *see* Yong Tai Lee
Lee Yong Up *see* Yong Up Lee
Lee Yong-Hee *see* Yong-Hee Lee
Lee Yong-Hoon *see* Yong-Hoon Lee
Lee Yong-Hyun *see* Yong-Hyun Lee
Lee Yong-Jin *see* Yong-Jin Lee
Lee Yong-Woo *see* Yong-Woo Lee
Lee YongKook *see* YongKook Lee
Lee YongWoo *see* YongWoo Lee
Lee Yonngjik *see* Yonngjik Lee
Lee Youn-Sig *see* Youn-Sig Lee
Lee Young Hee *see* Young Hee Lee
Lee Young Jong *see* Young Jong Lee
Lee Young Whan *see* Young Whan Lee
Lee Young Woo *see* Young Woo Lee
Lee Young-Hie *see* Young-Hie Lee
Lee Youngho *see* Youngho Lee
Lee Youngjik *see* Youngjik Lee
Lee Youngju *see* Youngju Lee
Lee Youngsun *see* Youngsun Lee
Lee Yu-Hua *see* Yu-Hua Lee
Lee Yuan Xing *see* Yuan Xing Lee
Lee Yuang-Shung *see* Yuang-Shung Lee
Lee Yuk Chow *see* Yuk Chow Lee
Lee Yuk Tong *see* Yuk Tong Lee
Lee Yun Hi *see* Yun Hi Lee
Lee Yun-Hi *see* Yun-Hi Lee
Lee Yung-Chang *see* Yung-Chang Lee
Lee Yung-Cheng *see* Yung-Cheng Lee
Lee Yung-Pin *see* Yung-Pin Lee
Lee Zhenghong *see* Zhenghong Lee
Lee Zong Hoon *see* Zong Hoon Lee
Lee-Kwang Hyung *see* Hyung Lee-Kwang
Lee-Mi Do *see* Eun-Mi Han 75740
Lee-Sup Kim *see* Jin-Kuk Chung 104323
Lee-Sup Kim *see* Seung-Kwon Paek 109931
Lee-Yin Liu, Lackritz, H.S. The effects of electric field and polymer relaxation on the rotational Brownian motion of chromophores in polymer films for second order nonlinear optics 85597
Leeb, G., Posta, R., Schildt, G.H., Ochensthaler, M., Dietrich, D. A configuration tool for HomeNet 108911
Leeb, S.B. *see* Jackson, D.K. 121826
Leeb, S.B. *see* Norford, L.K. 121248
Leeb, S.B. *see* Schultz, A.M. 122046
Leeb, W.R. *see* Glatt, W. 88596
Leech, P. *see* Canning, J. 96049
Leech, P. *see* Moss, D. 75530
Leech, P. *see* Moss, D. 106823
Leech, P.W., Faith, M., Kemeny, P.C., Ridgway, M. Silica waveguides formed by MeV ion implantation 75547
Leech, P.W., Faith, M., Ridgway, M.C., Leistiko, O. Channel waveguides formed by ion implantation of 20 mol% Ge-doped silica 64767
Leech, P.W. *see* Faith, M. 75531
Leech, P.W. *see* Johnson, C.M. 95744
Leedham, R.J. *see* Githiari, A.F. 113752
Leegwater, J.A. Theory of mode-locked semiconductor lasers 116477
Leem, J.Y. *see* Kang, T.W. 61286
Leem Choon Seong *see* Choon Seong Leem
Leem Jae-Young *see* Jae-Young Leem
Leemans, W. *see* Kwok, P. 89918
Leemans, W. *see* Tauschwitz, A. 96956
Leemans, W.P., Siders, C.W., Esarey, E., Andreev, N.E., Shvets, G., Mori, W.B. Plasma guiding and wakefield generation for second-generation experiments 79840
Leembruggen, G. *see* Scott, J. 79191
Leemis, L. *see* Hartless, G. 113024
Leen, J. *see* Sturzebecher, D. 86007
Leen-Kiat Soh, Tsatsoulis, C. Texture representation of SAR sea ice imagery using multi-displacement co-occurrence matrices 111258
Leenaers, A.J.G. *see* Ball, A.R. 106573
Leenaerts, D., van Bokhoven, W. Amplification via chaos in regenerative detectors 66852
Leenaerts, D. *see* Donnay, S. 62061
Leenaerts, D. *see* Kruiskamp, W. 62060
Leenaerts, D.M.W., Joordens, G.H.M., Hegt, J.A. A 3.3 V 625 kHz switched-current multiplier 104723
Leenders, A. *see* Ullrich, M. 64501
Leenders, L. *see* Eickmans, J. 62485
Leenhouts, A.C., Singh, G. A new step motor system design tool 91578
Leeper, R.J. *see* Derzon, M.S. 69645
Leeper, R.J. *see* Moats, A.R. 69642
Leermakers, M.A.M. *see* Bohnen, H.G.M. 79243
Lees, A.K. *see* Zhang, J. 61290
Lees, A.K. *see* Zhang, J. 103864
Lees, A.W., Friswell, M.I. Estimation of forces exerted on machine foundations 102341
Lees, G.P., Cole, M.J., Newson, T.P. Narrow linewidth, Q-switched erbium doped fibre laser 85396
Lees, G.P., Leach, A.P., Hartog, A.H., Newson, T.P. 1.64 μm pulsed source for a distributed optical fibre Raman temperature sensor 110181
Lees, P.W. The influence of physical separation between cycles on the wear behavior of connector contact materials 62439
Lees, R.M. *see* Li-Hong Xu 75791
Lees, R.M. *see* Li-Hong Xu 75933
Lees, R.M. *see* Predoi, A. 65025
Lees, R.S. *see* Stadler, R.W. 70038
Leese, B. *see* Moller, H. 105585
Leeson, M.S. *see* Johnson, R. 67953
Leeuw, R.W.de *see* de Leeuw, R.W.
Leeuwen, K.A.H.van *see* van Leeuwen, K.A.H.
Leeuwen, M.G.Van *see* Van Leeuwen, M.G.
Leeuwen, M.Van *see* Van Leeuwen, M.
Lefakis, H., Benaissa, M., Humbert, P., Speriosu, V.S., Werckmann, J., Gurney, B.A. Structure and magnetism of Ta/Co/Ta sandwiches 64387
Lefebvre, A. *see* Benabbas, T. 105329
Lefebvre, A. *see* Bos, A. 90699
Lefebvre, C. *see* Conan, J. 68309
Lefebvre, E. *see* Lefebvre, L.A. 92140
Lefebvre, F. *see* Koumetz, S. 74276
Lefebvre, H., Bauer, F., Eyraud, L. Optimization and characterization of piezoelectric and electroacoustic properties of PVDF-β induced by high pressure and high temperature crystallization 106344
Lefebvre, H. *see* Maschio, A. 102873
Lefebvre, J., Roussel, H., Walter, E., Lecointe, D., Tabbara, W. Prediction from wrong models: the Kriging approach 107877
Lefebvre, K.R., Anwar, A.F.M. Electron and hole escape times in single quantum wells 114721
Lefebvre, L. Torquing drive systems for bus and rail 71840
Lefebvre, L.A., Lefebvre, E., Harvey, J. Intangible assets as determinants of advanced manufacturing technology adoption in SME's: toward an evolutionary model 92140
Lefebvre, M. *see* Ganz, M. 61406
Lefebvre, M. *see* Scherrer, B. 79758
Lefebvre, S., Rangel, R.D. Modeling of power electronics devices in EMTP-TACS 111573
Lefebvre, S. *see* Belhadj, C. 70736
Lefeuvre, S. Antenna in a closed medium [industrial microwave heaters] 71905
Lefeuvre, S. New trends in microwave energetics 104776
Lefeuvre, S. *see* Barbosa, M. 100278
Lefeuvre, S. *see* Boudiaf, A. 71906
Lefeuvre, S. *see* Setti, L. 112608
Lefever, I. *see* Van Bockstal, L. 96981
LeFever, R. *see* Reynolds, P.D. 101637
Lefevre, H.C., Le Boudec, G., Taufnieb, E., Martin, P. Simple optimization of the interferometric measurement of polarization-mode dispersion 75470
Lefevre, H.C. *see* Martin, P. 84990
Lefevre, J. *see* Boutier, A. 89567
Lefevre, M. Defect detection in industrial radiography: a multiscale approach 82818
Lefevre, M., Preteux, F., Lavayssiere, B. Classification by a neural network approach applied to non destructive testing 82820
Lefevre, R. *see* Delorme, F. 109313
Lefevre, R. *see* Demange, D. 88607
Lefevre, R. *see* Le Berre, D. 65332
Lefevre, R. *see* Masetti, F. 78317
Lefevre, V., Pollet, Y., Philipp, S., Brunessaux, S. Multiagent system for data fusion in image processing 98068
LeFevre, V.C. *see* Pittman, D.N. 70613
Lefevre, Y. *see* Charpentier, J.F. 71533
Lefevre, Y. *see* Pertusa, C. 81421
Lefevre, Y. *see* Sadowski, N. 71797

Lefevre-Seguin, V. *see* Sandoghdar, V. 116443
Lefievre, B. *see* Abbes, M. 90145
Lefkir, M., Nguyen Phu, X., Van Wonderen, A.J., Rivoire, G. Elliptical polarisation state stability in the picosecond range 76207
Lefley, P. *see* Willows, M. 101666
LeFloch, B. *see* Greve, A. 119348
Lefmann, H., Pudlak, P., Savicky, P. On sparse parity check matrices 103765
Lefort, L., Barthelemy, A. All-optical switching and sampling based on a parametric device with type II phase-matching 65446
Lefort, L., Barthelemy, A. Revisiting optical phase conjugation by difference-frequency generation 76189
LeFrancois, S., Pasquet, D., Maze-Merceur, G. A new model for microwave characterization of composite materials in guided-wave medium 110343
Lega, X.Colonna de *see* Colonna de Lega, X.
Legagneux, P. *see* Colalongo, L. 84406
LeGalley, R. *see* Ystesund, K. 110032
Legarth, J.B., Alting, L. Demands on the electronics industry in sustainable use of metal resources 60741
Legat, J.-D. *see* Hanssens, E. 87159
Legaud, P. *see* Hettak, K. 93661
Legaud, P. *see* Murgulescu, M.-H. 62156
Legault, G. *see* Pierre, S. 67605
Legault, S. *see* Gong, J. 83351
Legault, S.R., Senior, T.B.A., Volakis, J.L. Design of planar absorbing layers for domain truncation in FEM applications 97035
Legault, S.R. *see* Labonte, S. 120499
Legay, E. *see* Driad, R. 63599
Legay, P., Alexandre, F., Benchimol, J.L., Allovon, M., Laune, F., Fouchet, S. Selective area chemical beam epitaxy for butt-coupling integration 103935
Legay, P. *see* Cohen, G.M. 74535
Legay, P. *see* Devaux, F. 75586
Legay, P. *see* Driad, R. 84331
Legentil, M. *see* Doussiet, F. 107052
Leger, A.C. *see* Richard, N. 71289
Leger, G.K. Design-materials-assembly: the equilateral triangle 94068
Leger, J.R. Diffractive resonators for solid-state lasers 65402
Legerton, M.L. Preliminary recommendations of the noise Working Group [wind turbines] 102587
Legey, L.F.L. The concepts of fuzzy sets and genetic algorithms: contrasts and similarities of expectations and development patterns (or would you rather mutate or go fuzzy?) 92513
Legg, P.J., Tur, M., Andonovic, I. Solution paths to limit interferometric noise induced performance degradation in ASK/direct detection lightwave networks 109648
Legg, P.J., Tur, M., Regev, H., Cornwell, W.D., Shabeer, M., Andonovic, I. Interferometric noise reduction through intrabit frequency evolution of directly modulated DFB lasers 119183
Legg, R., Douglas, D., Krafft, G.A., Saulter, Q. Location and correction of 60 Hz in the CEBAF injector 100707
Legg, R. *see* Kazimi, R. 100584
Legg, R. *see* Krafft, G.A. 100526
Leggate, D. *see* Kerkman, R.J. 102866
Legge, G.J.F. *see* Saint, A. 94872
Leggieri, G., Luches, A., Martino, M., Perrone, A., Alexandrescu, R., Barborica, A., Gyorgy, E., Mihailescu, I.N., Majni, G., Mengucci, P. Laser reactive ablation deposition of silicon carbide films 92928
Leggieri, G. *see* Luby, S. 94826
Leghissa, M. *see* Schuster, T. 106674
Legido, J.M., Martinez, M.A., Lucas, R. Differential and relative navigation results with a GPS receiver for space applications 79055
Legin, A.V. *see* Di Natale, C. 69069
Legl, C., Wurth, B., Eckl, K. An implicit algorithm for support minimization during functional decomposition 73237
Legl, C., Wurth, B., Eckl, K. A Boolean approach to performance-directed technology mapping for LUT-based FPGA designs 82882
Legler, D.M. *see* Beaudoin, P.T. 101559
Legnani, G., Mina, C., Trevelyan, J. Static calibration of industrial manipulators: design of an optical instrumentation and application to SCARA robots 88891
Legner, W. *see* Krotz, G. 104057
Legner, W. *see* Moller, H. 105585
Legoff, O., Hascoet, J.-Y., Bennis, F. Application of neural networks to welding parameters generation 97995
Legowski, S. *see* Firszt, F. 74185
Legowski, S.F., Sadrul Ula, A.H.M., Trzynadlowski, A.M. Instantaneous power as a medium for the signature analysis of induction motors 103073
Legowski, S.F. *see* Ghassemzadeh, M. 71749
Legrand, F. *see* Gautier, P. 70599
LeGrand, J. *see* Boucher, R.H. 79442
Legrand, L., Marzani, F., Dusserre, L. A method for automatically detecting the systole and diastole phases in sequences of angiographic images 110692
Legrand, L. *see* Marzani, F. 110693
Legrand, L.R., Aho, L.S., Dusserre, L. Antibiogram automatic reading with a micro-computer based image processing system 120317
LeGrand, R., Luo, R.C. Position estimation of selected targets 77301
Legros, E., Merrar, A., Billard, M., Joly, C., Blanconnier, P. Low noise 20 Gbit/s photoreceiver with distributed GaAs P-HEMT amplifiers 99562
Legros, E. *see* Scavennec, A. 104355
Legros, W. *see* Dular, P. 104906
Legros, W. *see* Dular, P. 107754
Legros, W. *see* Hedia, H. 116825
Legros, W. *see* Henrotte, F. 61124
Legros, W. *see* Meys, B. 107979
Legros, W. *see* Remacle, J.-F. 65636
Legros, W. *see* Remacle, J.-F. 96935
Legtenberg, R., Berenschot, E., Elwenspoek, M., Fluitman, J. Electrostatic microactuators with integrated gear linkages for mechanical power transmission 81497
Legtenberg, R., Groeneveld, A.W., Elwenspoek, M. Comb-drive actuators for large displacements 115387
Legua Fernandez, M. *see* Jodar, L. 72674
LeGuellec, P. *see* Acher, O. 115575
Leguijt, C., Loelgen, P., Eikelboom, J.A., Weeber, A.W., Schuurmans, F.M., Sinke, W.C., Alkemade, P.F.A., Sarro, P.M., Maree, C.H.M., Verhoef, L.A. Low temperature surface passivation for silicon solar cells 102983
Lehar, F. *see* Anischenko, N.G. 120106
Lehar, F. *see* Ball, J. 120096
Lehar, F. *see* Bazhanov, N.A. 69699
Lehareinger, Y. *see* Wolf, M. 120267
Lehdili, N., Moudafi, A. Combining the proximal algorithm and Tikhonov regularization 82481
Lehew, S. *see* Lee, A.P. 64004
Lehikoinen, P., Mallat, J., Piironen, P., Lehto, A., Tuovinene, J., Raisanen, A.V. A 119 GHz planar Schottky diode mixer for a space application 73756
Lehle, P. *see* Gartner, H. 76754
Lehman, B., Bass, R.M. Extensions of averaging theory for power electronic systems 81568
Lehman, G. *see* Deis, G. 106719
Lehman, J. *see* Wong, Y.M. 119220
Lehman, J.A. *see* Morgan, R.A. 96304
Lehman, J.D., Brickner, D. Teachers' uses and perceptions of interactive videodiscs in the science classroom 82121
Lehman, R.L. *see* Li, J. 116014
Lehmann, A., Diessel, T., Seibold, C., Deters, R., Sevcik, M., Uhde, H., Schmid, D., Mutter-Feldbusch, Huber, K.P., Szczerbicka, H., Syrjakow, M., Ziegler, P. Knowledge-based alarm surveillance for TMN 108938
Lehmann, D., Meyer, H.-J. Two-wire teletransmission of operating status [of power systems] 121258
Lehmann, D. *see* Gancza, W.M. 74355
Lehmann, E., Pleinert, H., Wiezel, L. Design of a neutron radiography facility at the spallation source SINQ 110496
Lehmann, G. *see* Wunder, B. 82843
Lehmann, G. *see* Wunder, B. 113669
Lehmann, H. *see* Lippitsch, M.E. 101083
Lehmann, H.W. *see* Epler, J.E. 96273
Lehmann, J. *see* Wagner, H.P. 74244
Lehmann, L., Klein, M., Wittchow, E. Heyden Power Station–reference plant for modern 1000 MW units 71122
Lehmann, M. *see* Belschner, R. 77990
Lehmann, M. *see* Belschner, R. 87779
Lehmann, R. *see* Hess, R. 118528
Lehmann, R. *see* Horstmann, M. 96068
Lehmann, T. Teaching pulsed integrated neural systems: a psychobiological approach 62125
Lehmann, T.M., Goerke, C., Kaupp, A., Schmitt, W., Repges, R. A rotation-extended cepstrum technique and its application to medical images 108639
Lehmann, V. Porous silicon–a new material for MEMS 74931
Lehmann, V., Hoenlein, W., Reisinger, H., Spitzer, A., Wendt, H., Willer, J. A novel capacitor technology based on porous silicon 93957
Lehmann, V., Honlein, W., Reisinger, H., Spitzer, A., Wendt, H., Willer, J., Sperlich, R. SIKO–a new capacitor technology based on porous silicon 93966
Lehmann, V. *see* Gruening, U. 94274
Lehmann, V. *see* Ottow, S. 106290
Lehndorff, B. *see* Piel, H. 84858
Lehndorff, B. *see* Piel, H. 84861
Lehner, A. *see* Weingart, F. 106489
Lehner, G. The nonexistence of the operators inverse to Δ, grad, div, and rot 116800
Lehner, G. *see* Fetzer, J. 65656
Lehner, G. *see* Fetzer, J. 107750
Lehner, G. *see* Haas, M. 107861
Lehner, G. *see* Kurz, S. 65746
Lehner, G. *see* Kurz, S. 96936
Lehner, M. *see* Thierschmann, M. 101496
Lehnert, J. DAB frequency distribution plan for Europe 99714
Lehnert, J.S. *see* Lok, T.M. 88112
Lehoczky, J. *see* Suraj Rao 115316
Lehr, F. *see* Kaatz, P.G. 85649
Lehr, F. *see* Pretre, P. 75596
Lehr, W.H., Weiss, M.B.H. The political economy of congestion charges and settlements in packet networks 67787
Lehrbaum, R. Using PC/104 embedded-PC modules for embedded applications 61936
Lehrer, C. *see* Lipp, S. 113475
Lehri, D., Mohan, P., Mohan, R., Ahmed, F. A theoretical simulation study of determining the semiconductor material parameters with localised states using MLB method 105093
Lehrman, I. *see* Hartley, R. 96455
Lehrman, I. *see* Solomon, L. 96475
Lehrman, I.S., Krishnaswamy, J., Hartley, R.A., Austin, R.H. The Northrop Grumman Compact Infrared FEL (CIRFEL) 76064
Lehrman, I.S. *see* Krishnaswamy, J. 76058
Lehrman, I.S. *see* Krishnaswamy, J. 96493
Lehtinen, E., Holmberg, J., Laakso, K., Hoffstrom, A. Use of living PSA and safety indicators to support operational safety management 111742
Lehtinen, K., Pesola, M., Koskela, K. High frequency part of a real time test mobile station for UMTS system evaluations 78390
Lehtinen, R., Vanttinen, H., Sievanen, H., Malmivuo, J. A computer program for comprehensive ST-segment depression/heart rate analysis of the exercise ECG test 90523
Lehtla, T. Modelling of voltage transients on inverter fed AC induction motor 91539
Lehtla, T. *see* Laugis, J. 91827
Lehto, A. *see* Lehikoinen, P. 73756
Lehto, A. *see* Mallat, J. 66016
Lehtonen, M., Kupari, S. A method for cost benefit analysis of distribution automation 70899
Lehtonen, M., Lemstrom, B. Comparison of the methods for assessing the customers' outage costs 70757
Lehtonen, M., Seppala, A., Kekkonen, V., Koponen, P., Koreneff, G., Lemstrom, B. Distribution energy management in the environment of de-regulated electricity market 81035
Lehtonen, M. *see* Seppala, A. 81031
Lei, C. *see* Huffaker, D.L. 103433
Lei, T.F. *see* Chao, T.S. 106028
Lei, X.L., Cao, J.C., Dong, B. Study of high-field electron transport in semiconductors using balance equations for nonparabolic multivalley systems 94235
Lei, X.L., Horing, N.J.M., Cui, H.L. Bloch oscillations in transient miniband transport 62879
Lei, X.L., Horing, N.J.M., Cui, H.L., Thornber, K.K. Anomalous frequency dependence of differential mobility in superlattice miniband transport 63057
Lei, X.L. *see* Cao, J.C. 74256
Lei, X.L. *see* Cao, J.C. 105847
Lei, X.L. *see* Weng, X.M. 114641
Lei, X.L. *see* Zou, Z.Q. 105156
Lei, Y.-W., Wu, J.-L., Ouhyoung, M. A three-dimensional muscle-based facial expression synthesizer for model-based image coding 86627
Lei Cao *see* Muller, K.-H. 64265
Lei Chen *see* Feng-Zhen Guo 116114
Lei Chen *see* Jinbang Chen 119903
Lei Chin-Laung *see* Chin-Laung Lei
Lei Ding *see* Doeff, M.M. 112285
Lei Feng *see* Feng Lei
Lei Guang-Tsai *see* Guang-Tsai Lei
Lei Hairong *see* Liu Hongfa 96225
Lei Hong *see* Fang Qi 85625
Lei Huaihong *see* Wang Jinchuan 69823
Lei Li *see* Li Lei
Lei Liu *see* Liu Lei
Lei Lu *see* Lu Lei
Lei Ming *see* Ming Lei
Lei Nie *see* Nie Lei
Lei Ning *see* Ning Lei
Lei Qingquan, Han Shuyu, Zhang Xiaohong The role of water molecules in low density polyethylene 64121
Lei Shaw-Min *see* Shaw-Min Lei
Lei Tan Fu *see* Tan Fu Lei
Lei Wang *see* Wang Lei
Lei Wei Performance of DS-SSMA systems with differential phase detection on Rician channels 88122
Lei Wei, Rasmussen, L.K. A near ideal whitening filter for M-algorithm detection in an asynchronous time-varying CDMA system 67550
Lei Wei, Rasmussen, L.K. A near ideal noise whitening filter for an asynchronous time-varying CDMA system 118035
Lei Wenhua *see* Wenhua Lei
Lei Xianzhang *see* Xianzhang Lei
Lei Xu *see* Xu Lei
Lei Yan *see* Yan Lei
Lei Yang *see* Yang Lei
Lei Youxun, Shi Yi, Meng Luoming, Chen Junliang The design and implementation of service independent configuration of user service data in intelligent network 118544
Lei Youxun *see* Hou Qingfu 118546
Lei Zhang *see* Zhang Lei
Lei Zhenjia, Ma Yuxiang, Ma Li, Ma Fulong An object-oriented model for defining intelligent network services 87887
Lei Zhibin *see* Zhibin Lei
Lei Zhong, Hayashi, K., Takeda, R. Double-crystal X-ray diffraction from silicon film on insulator 94632
Lei Zhu *see* Zhu Lei
Lei Zhuang *see* Schablitsky, S.J. 85455
Lei Zhuang *see* Schablitsky, S.J. 107349
Lei-min Li *see* Jun Teng 108765
Lei-min Li *see* Teng, J. 117991

Lei-Pone Cheng An application of protocol analyzer for HDCS maintenance and troubleshooting 80845
Leib, H. *see* Chaib, J.-P. 68055
Leib, H. *see* Chaib, J.P. 86117
Leib, H. *see* Danilo, F. 99076
Leib, H. *see* Krishnomurthy, P.V. 99075
Leib, H. *see* Yoon, Y.C. 98418
Leib, H. *see* Yoon, Y.C. 118785
Leibenguth, R. *see* Ford, J.E. 95642
Leibenguth, R. *see* Krishnamoorthy, A.V. 65002
Leibenguth, R.E. *see* Chirovsky, L.M.F. 85334
Leibenguth, R.E. *see* Wegscheider, W. 65289
Leibenguth, R.E. *see* Woodward, T.K. 78867
Leibenguth, R.E. *see* Woodward, T.K. 85333
Leibenguth, R.E. *see* Woodward, T.K. 88610
Leibfried, T. *see* Feser, K. 91592
Leible, K. *see* Tinschert, K. 100755
Leibnitz, K. *see* Tutschku, K. 109497
Leibovitch, M., Kronik, L., Fefer, E., Burstein, L., Korobov, V., Shapira, Y. Surface photovoltage spectroscopy of thin films 75684
Leibovitch, M., Kronik, L., Mishori, B., Shapira, Y., Hanson, C.M., Clawson, A.R., Ram, P. Determining band offsets using surface photovoltage spectroscopy: the InP/In$_{0.53}$Ga$_{0.47}$As heterojunction 114712
Leibovitch, M. *see* Gal, D. 105135
Leibovitch, M. *see* Hybertsen, M.S. 96350
Leibovitch, M. *see* Pollak, F.H. 96352
Leibowitz, G.M. Remarks on the article "Norm inequalities which yield inclusions for Euler sequence spaces" 60878
Leiby, C., Konkol, M. Security issues on the Internet 67788
Leiderer, P. *see* Bechinger, C. 64598
Leiderer, P. *see* Bohmisch, M. 105689
Leiderer, P. *see* Eisenmenger, J. 84912
Leiderer, P. *see* Herminghaus, S. 96726
Leiderman, A.Yu. *see* Saidov, A.S. 74307
Leidholm, C. *see* Basol, B.M. 112336
Leidholm, C.R. *see* Basol, B.M. 104093
Leidholm, C.R. *see* Basol, B.M. 121883
Leidich, D. *see* Niemann, E. 103990
Leidig, T. *see* Heumann, B. 78000
Leidigh, T.J. *see* Cuseo, J.A. 70376
Leier, H. *see* Ouslimani, A. 73723
Leifer, D.E. ISDN for Internet access 98749
Leifer, L., Toye, G., Van der Loos, M. Tele-service-robot: integrating the socio-technical framework of human service through the InterNet-world-wide-web 80500
Leiferov, B.M. *see* Polyakov, A.Y. 83905
Leigh, B. *see* Tobin, R.C. 116381
Leigh, C. *see* Drew, R. 87896
Leigh, D.A. *see* Cox, A.M. 64597
Leigh, J., Johnson, A.E. Supporting transcontinental collaborative work in persistent virtual environments 87877
Leight, J.E., Homan, S., Willner, A.E., Giaretta, G., Li, M.Y., Chang-Hasnain, C.J. 155MB/s three-plane reconfigurable wavelength-division-multiplexed optical interconnection 88486
Leight, J.E., Willner, A.E. Reduced switching delay in wavelength division multiplexed two-dimensional multiple-plane optical interconnections using multiple-wavelength VCSEL arrays 78927
Leighton, F.T. *see* Sanjeev Arora 87635
Leighton, T. How to pick a winner almost every time: provably-good algorithms for decision making in the face of uncertainty 82405
Leighton, T. *see* Awerbuch, B. 92411
Leighton, T. *see* Chinn, D.D. 77570
Leighton, T. *see* Cox, I.J. 109258
Leighton, T. *see* Hastad, J. 108864
Leighton, T.G., Ramble, D.G., Phelps, A.D. Comparison of the abilities of multiple acoustic techniques for bubble detection 66738
Leijia Qian *see* Qian Leijia
Leijon, M. *see* Eriksson, T. 102814
Leijon, M. *see* Windmar, D. 95264
Leiman, V.G. *see* Vinogradov, S.V. 110479
Leiming Xing, Fleming, K.N., Wee Tee Loh Comparison of Markov model and fault tree approach in determining initiating event frequency for systems with two train configurations [nuclear power plant reliability] 102365
Leinhos, H.A. Capacity calculations for rapidly fading communications channels 68533
Leininger, W. *see* Amann, E. 82394
Leipala, T. *see* Johnsson, M. 92165
Leipertz, A. *see* Jonuscheit, J. 116700
Leipnitz, Y., Ponto, H.-U. The Noell conversion process for residual waste gasification 91332
Leipold, D. *see* Kehrli, U. 64994
Leira, P.Pita *see* Pita Leira, P.
Leisching, P., Beck, W., Kurz, H., Kohler, K., Schafer, W., Leo, K. Nonlinear optical studies of Bloch oscillations 63036
Leisching, P. *see* Buss, C. 94563
Leisching, P. *see* Dekorsy, T. 63037
Leisching, P. *see* Pankoke, R. 75902
Leising, G. *see* Meghdadi, F. 75768
Leisk, G.G., Saigal, A. Digital computer algorithms to calculate ultrasonic wave speed 104226
Leisse, A. *see* Tigges, K.D. 102411
Leister, H.J. *see* Zemke, D. 92679
Leistiko, O. *see* Canning, J. 96049
Leistiko, O. *see* Leech, P.W. 64767
Leistiko, O. *see* Moss, D. 75530
Leistiko, O. *see* Moss, D. 106823
Leistiko, O. *see* Rose, B. 95710
Leistiko, O. *see* Storgaard-Larsen, T. 89116
Leitch, M.J., Anderson, M.E., Kapustinsky, J., Li, T.K., Mishra, C.S., Peng, J.C., Simmons, J.E., Dytman, S.A., Hardie, J.G., Von Reden, K.F., Smith, C. Performance of a BGO-NaI η spectrometer 90240
Leite, A. *see* Haes, J. 76540
Leite, E.R. *see* Nobre, M.A.L. 113551
Leite, N.F. *see* Mendes de Barros, R.C. 113414
Leite da Silva, A.M. *see* Coelho, J. 102344
Leite da Silva, A.M. *see* Mello, J.C.O. 102025
Leite da Silva, A.M. *see* Souza, J.C.S. 102326
Leitenstorfer, A., Elsaesser, T., Rossi, F., Kuhn, T., Klein, W., Boehm, G., Traenkle, G., Weimann, G. Coherent optical generation of nonequilibrium electrons studied via band-to-acceptor luminescence in GaAs 62762
Leitenstorfer, A. *see* Elsaesser, T. 114601
Leith, D.J., Leithead, W.E. Strongly input constrained nonlinear control of a horizontal axis wind turbine 70756
Leith, D.J., Leithead, W.E. Directly responding to peak power excursions in pitch-regulated HAWTs 102576
Leith, D.J., Leithead, W.E. Appropriate realization of gain-scheduled controllers with application to wind turbine regulation 121409
Leith, D.J. *see* Leithead, W.E. 70755
Leith, D.W.G.S. *see* Abe, K. 69708
Leith, D.W.G.S. *see* Abe, K. 69726
Leith, E., Arons, E., Chen, H., Dilworth, D., Lopez, J., Naulleau, P., Shih, M. Coherent optical processing methods for transillumination imaging of biological tissue 70009
Leith, E. *see* Arons, E. 65570
Leith, E. *see* Naulleau, P. 85732
Leith, E. *see* Naulleau, P. 99471
Leith, E. *see* Naulleau, P. 116024
Leithead, W.E., Rogers, M.C. Improving damping by a simple modification to the drive train [wind turbine-generators] 102573
Leithead, W.E., Rogers, M.C.M., Leith, D.J., Conner, B. Progress in control of wind turbines 70755
Leithead, W.E. *see* Leith, D.J. 70756
Leithead, W.E. *see* Leith, D.J. 102576
Leithead, W.E. *see* Leith, D.J. 121409
Leithead, W.E. *see* Munz, H. 102571
Leithner, R. *see* Doring, M. 81305
Leitloff, V., Feuillet, R. Design and realization of a control unit for compensated MV distribution systems 102095
Leitner, E., Bohmayr, W., Fleischmann, P., Strasser, E., Selberherr, S. 3D TCAD at TU Vienna 74818
Leitner, E., Selberherr, S. Adaptive tessellation for the three-dimensional simulation of doping profiles 84110
Leitner, J. Space technology transition using hardware in the loop simulation 90682
Leitner, J., Muller, G. Modern net information systems to optimize the building and business of power supply networks 121041
Leitner, J., Stejskal, J., Vonka, P. Thermodynamic aspects of the GaN deposition from the gaseous phase 113308
Leitner, R. *see* Ajinenko, I. 90197
Leizarowitz, A. Overtaking and almost-sure optimality for infinite horizon Markov decision processes 72453
Leizerovich, A.Sh. Forming knowledge bases for transients in the steam turbines of power units 102454
Lejeune, A., Ferrie, F.P. Finding the parts of objects in range images 117540
Lejeune, C. Wavelet transforms for infrared applications 67190
Lejon, J., Hermansson, A., Bertholdt, H.-O. A full system decontamination of the Oskarshamn 1 BWR 71081
Lejus, A.-M. *see* Simondi-Teisseire, B. 116453
Lejus, A.M. *see* Burshtein, Z. 110412
Lek-Heng Ngoh, Hong-Yi Li, Hung-Keng Pung A direct ATM multicast service with quality-of-service guarantees 98845
Leke, A., Kenney, J.S. Behavioral modeling of narrowband microwave power amplifiers with applications in simulating spectral regrowth 93798
Lekkla, R., Prapinmongkolkarn, P., Hetrakul, P., McCormick, S.K. Results of 1992-1994 Ku-band site diversity experiment at low elevation angle in Thailand 78607
Leksikov, A.A. *see* Belyaev, B.A. 69444
Leksono, M. *see* Chang, S.S. 63616
Leksono, M.W. *see* Qiu, C.H. 94357
Leland, K. *see* Li Fung Chang 119077
Leland Langston, J. Multipoint: a millimeter wave system for quick access to the information superhighway 99101
Lelarge, F. *see* Sfaxi, L. 62983
Lelaurin, L., Yacoubi, A., Devlaminck, V., Dubus, J.P. Motion estimation by using a neuromimetic approach 66967
Leliveld, C.J., Maas, J.G., Bom, V.R., van Eijk, C.W.E. Monte Carlo modeling of coherent scattering: influence of interference 101253
Lella, L.Di *see* Di Lella, L.
Lelovic, M. *see* Prorok, B.C. 95432
Lemaillet, D. *see* Le Berre, D. 65332
Lemaire, J. *see* Daly, E.J. 70305
Lemaire, J.-L. *see* Beauvais, P.-Y. 89995
Lemaire, P. *see* Litovchenko, K. 120675
Lemaire, P. *see* Maury, J. 116384
Lemaire, P.C. *see* Georges, M.P. 96791
Lemaire, P.J. *see* Kannan, S. 75443
Lemaitre, F. *see* Pascal, O. 66002
Lemaitre, F. *see* Pascal, O. 76553
Lemaitre, J. *see* Delfrate, M.A. 92956
Lemaitre, L. *see* Rahali, F. 89057
Lemaitre, R. *see* Coutures, J.-L. 69308
Lemaitre, S. *see* Eversheim, P.D. 120080
Lemaitre, V. *see* Annis, P. 80121
Lemaitre, Y. *see* Xiankang Dou 120744
Lemak, T.A. *see* Nelson, R.J. 70839
Lemanczyk, J. *see* Stubenrauch, C.F. 108058
Lemanov, V.V. Ferroelectric-superconductors structures 115456
Lemanov, V.V. Electric field effect in superconductor-ferroelectric structures 115931
Lemanov, V.V., Iofan, A.A., Solov'eva, K.N., Frolov, Yu.V., Yarmarkin, V.K. Ferroelectric capacitor structures on silicon for volatile memory integrated circuits 64165
Lemanov, V.V., Zaitseva, N.V., Shtelmakh, S.V., Motorny, A.V., Yarmarkin, V.K. Structure and properties of sol-gel PbZrTiO$_3$ thin films 113358
Lemanov, V.V. *see* Balashova, E.V. 106323
Lemansky, A.A. *see* Bounkin, B.V. 70587
Lemarchand, C., Coffin, F. Conception method of man machine interface for an automotive vehicle transversal driving assistance system 98134
Lemarchand, G.A. *see* Colomb, F.R. 79107
Lemasson, P. *see* Triboulet, R. 74183
Lemay, J. *see* Pelletier, P. 70775
Lemay, J. *see* Yates, R.K. 87981
Lembo, L. *see* Cribier, M. 110538
Lembo, L. *see* Wickham, M. 66181
Lembregts, F., Top, J., Neyrinck, F. Off-line synchronous resampling of vibration measurements 110068
Leme, C.A. *see* Fernandes, L. 83225
Leme, C.A. *see* Silva, J.B. 93518
Leme, C.Azeredo *see* Azeredo Leme, C.
Leme, R.P. *see* Soares, M.R. 121204
Lemeilleur, F. *see* Bates, S.J. 90122
Lemeilleur, F. *see* Bates, S.J. 110607
Lemekhov, N. *see* Baldacchini, G. 69556
Lemenovski, D.A. *see* Popov, V.K. 104080
Lemercier-Lalanne, D. *see* Lalanne, P. 107927
Lemeune, M. *see* Folkes, P.A. 115242
Lemieux, G. *see* Brown, S. 113644
Lemieux, J.R. Using RAD tools to develop secure client/server applications 118480
Lemieux, L., McBride, A., Hands, J.W. Calculation of electrical potentials on the surface of a realistic head model by finite differences 90515
Lemin Li *see* Li Lemin
Leming, A. *see* Russell, J.N., Jr. 82725
Leming Li *see* Li Leming
Lemke, A.-J. *see* Maurer, J. 80351
Lemke, D. *see* Lambrecht, A. 69246
Lemke, H., Echer, C., Thomas, G. Electron microscopy of thin films prepared by laser ablation 113468
Lemke, N. *see* Fraile-Ordonez, J.M. 79054
Lemke, R.W. *see* Hendricks, K.J. 62592
Lemke, R.W. *see* Moreland, L.D. 62627
Lemke, R.W. *see* Moreland, L.D. 105070
Lemke, R.W. *see* Slutz, S.A. 69640
Lemkin, M., Boser, B.E. A micromachined fully differential lateral accelerometer 119626
Lemley, E.C., West, L. New Bonner sphere response matrix, ARK1, for neutron spectral unfolding 80016
Lemley, L.W. Electronic warfare innovations 120946
Lemm, C. *see* Kollakowski, S. 100047
Lemma, A.N., Deprettere, E.F. State space approach in time-varying biorthogonal filter banks 83245
Lemme, H. Large screen colour projectors 100204
Lemme, H. Hum elimination: band-stop filter for eliminating mains hum 104676
Lemme, H. Chip Cards–billion dollar per annum turnover in the 21st Century 113940
Lemmer, E.F., Delport, G.J. Solar water heating support system from an electrical supply network viewpoint and new design goals 103037
Lemmer, U., Vacar, D., Moses, D., Heeger, A.J., Ohnishi, T., Noguchi, T. Electroluminescence from poly(phenylene vinylene) in a planar metal-polymer-metal structure 64985
Lemmer, U. *see* Hopmeier, M. 75699
Lemmin, U. *see* Shen, C. 110451
Lemmonnier, P. *see* Barzic, R. 83133
Lemnios, Z.J. Silicon-on-insulator technology for low power electronics 84021
Lemnios, Z.J. Research challenges for plasma processes in the semiconductor factory of the future 114957
Lemoff, B.E., Yin, G.Y., Gordon, C.L., III, Barty, C.P.J., Harris, S.E. Demonstration of a 10-Hz, 41.8 nm laser 65021
Lemoine, V. *see* Balandier, T. 88318
Lemonde, P. *see* Salomon, C. 89521
Lemonias, P.J. *see* Hoke, W.E. 84484
Lemonias, P.J. *see* Hur, K.Y. 93787
Lemonnier, M.C. *see* Beaudin, G. 79100
Lemons, J.E. *see* Tamarapalli, J.R. 70178
Lemos, J.M. *see* Goncalves, A.J.C. 81320

Lemos, R.P., Lopes, A. A new method for frequency detection by linear prediction using total least squares 86248
Lemos, R.P., Lopes, A. Frequency detection by linear prediction using total least squares criterion 97695
Lemos Antunes, C.F.R. *see* Dias Pinto, J.A. 81455
Lemozit, C. A 340 performs automatic landings with GPS 90723
Lempel, A. *see* Gavish, A. 97835
Lempereur, S. *see* Bayart, D. 75844
Lempicki, A., Brecher, C., Wisniewski, D., Zych, E., Wojtowicz, A.J. Lutetium aluminate: spectroscopic and scintillation properties 75717
Lempicki, A. *see* Wojtowicz, A.J. 80012
Lemson, P. *see* Cheng, F. 109541
Lemstrom, B. *see* Lehtonen, M. 70757
Lemstrom, B. *see* Lehtonen, M. 81035
Len, L.K. *see* Godlove, T.F. 90227
Len Lee Chung *see* Chung Len Lee
Len Yi Leu *see* Hung-Sheng Chen 63968
Lence, J.A.F. *see* Ares, F. 117059
Lenchyshyn, L.C., Liu, H.C., Buchanan, A.N., Wasilewski, Z.R. Voltage-tuning in multi-color quantum well infrared photodetector stacks 79399
Lenci, S. *see* Fowkes, W.R. 100416
Lencova, B. Comment on "Optimization of electrostatic deflectors" [J. Vac. Sci. Technol. B 13, 142 (1995)] 85806
Lendenmann, H. *see* Bauer, F. 105910
Lendermann, P. *see* Annis, P. 80121
Lendvay, M. Professional questions of training total quality management approach at BsC level education 92124
Lenferink, W. Correct discretization of natural convection model 61051
Leng, M. *see* Lake, R. 105877
Leng, P. *see* Charlton, C. 118445
Leng, Q. *see* Kief, M.T. 64358
Leng Kian See *see* See Leng Kian
Lengdell, M., Oshigiri, H., Pavon, J. The TINA network resource model 87586
Lengeler, B. *see* Appenzeller, J. 63826
Lengeler, H. Application of high intensity linacs to spallation sources 69685
Lengeling, G. *see* Beccard, R. 103892
Lengen, H.Van *see* Van Lengen, H.
Lenggenhager, R. *see* Baltes, H. 63974
Lenhardt, B.M., Belfore, L.A., II, Arkadan, A.A. Electromagnetic design using ANN inverse mapping technique 107800
Lenhart, W. *see* Bose, P. 92634
Lenic, U. *see* Kren, B. 63581
Lenihan, T., Schaper, L., Shi, Y., Morcan, G., Parkerson, J. Embedded thin film resistors, capacitors and inductors in flexible polyimide films 114479
Lenisa, P. *see* Calabrese, R. 79834
Lenisa, P. *see* Calabrese, R. 79835
Lenisa, P. *see* Calabrese, R. 100517
Lenk, R., Schmitt, L. Parameters for reliability. Computation of problem oriented parameters involved in complex systems 113039
Lenkszus, F. *see* Chung, Y. 100614
Lenkszus, F. *see* Wang, X. 100538
Lennard, C.K., Newton, A.R. On estimation accuracy for guiding low-power resynthesis 73265
Lennard, W.N. *see* Tang, I.T. 92870
Lennard, W.N. *see* Xia, H. 114705
Lennartz, C., van Etten, W., van Osch, T., Huijskens, F. Laser spectra measured with the recirculating self heterodyne technique 100368
Lennartz, W. *see* Liscka, H. 107017
Lennartz, W. *see* Schroeder, A. 105207
Lennert, P. *see* Mueller, U. 69711
Lennie, J., Hearn, G., Stevenson, T., Inayatullah, S., Mandeville, T. Bringing multiple perspectives to Australia's communication futures: beyond the superhighway? 77807
Lennon, W. *see* Gamelin, J. 88652
Lennox, A. *see* Johnstone, C. 79799
Lenoble, C. *see* Hugon, X. 69307
Lenormand, J. *see* Marulier, O. 117017
Lenormand, R., Rigal, C., Melet, E., Beniguel, Y. Characterisation of the radiation from low-frequency antennas on board satellites 65986
Lenox, M., Jordan, B., Ehrenfeld, J. The diffusion of design for environment: a survey of current practice 72228
Lenschow, R.J. Industrial development and education 72140
Lenstra, D. *see* De Jagher, P.C. 96316
Lenstra, D. *see* Demeulenaere, B. 96035
Lenstra, D. *see* DeTienne, D.H. 96367
Lenstra, D. *see* Levine, A.M. 116486
Lenstra, D. *see* Visser, T.D. 64754
Lenstra, D. *see* Visser, T.D. 96197
Lent, B. *see* Moore, A.H. 116492
Lent, C.S. *see* Tougaw, P.D. 115259
Lenti, M., Lombardo, A., Marengo, O., Palazzo, S., Panno, D. Performance analysis of location updating in UMTS services deployed in an urban area 78449
Lenti, V. *see* Antinori, F. 120156
Lenti, V. *see* Simone, S. 69783
Lentine, A.L., Reiley, D.J., Novotny, R.A., Morrison, R.L., Sasian, J.M., Beckman, M.G., Buchholz, D.B., Hinterlong, S.J., Cloonan, T.J., Richards, G.W., McCormick, F.B. Optoelectronic ATM switch employing hybrid silicon CMOS/GaAs FET-SEEDs 99018
Lentine, A.L. *see* Buchholz, D.B. 85104
Lentine, A.L. *see* Chirovsky, L.M.F. 85334
Lentine, A.L. *see* Cloonan, T.J. 99027
Lentine, A.L. *see* Ford, J.E. 95642
Lentine, A.L. *see* Krishnamoorthy, A.V. 65002
Lentine, A.L. *see* Morrison, R.L. 99888
Lentine, A.L. *see* Woodward, T.K. 78867
Lentz, D. *see* Marks, M.P. 90325
Lentz, J.L. *see* Vuong, H.-H. 74540
Lentz, K.P., Manolakos, E.S., Czeck, E.C. On the simulation of Multiple Stuck-at Faults using Multiple Domain Concurrent and Comparative Simulation 61837
Lenway, S.A., Murtha, T., Spencer, J.W. Current markets vs. future opportunities in the U.S. display business 100188
Lenz, G., Fleischer, S.B., Nelson, L.E., Dougherty, D.J., Ippen, E.P. 91-pJ, 73-fs pulses from a frequency-doubled stretched-pulse additive-pulse mode-locked fiber laser 116413
Lenz, G., Ippen, E.P., Wiesenfeld, J.M., Newkirk, M.A., Koren, U. Femtosecond dynamics of the nonlinear anisotropy in polarization insensitive semiconductor optical amplifiers 65519
Lenz, G.W., Drobnitzky, M. Interventional magnetic resonance imaging. 2. Therapeutic applications and intraoperative imaging 90462
Lenz, J.W. *see* Swenson, D.A. 79920
Lenz, M., Schwertlein, F. TLE 427X series low-drop voltage regulators: taking the lead in EMC 82914
Lenz, M. *see* Bogen, M. 79119
Lenz, P. *see* Chapelon, J.Y. 90571
Lenz, R., Ostrberg, M., Hiltunen, J., Jaaskelainen, T., Parkkinen, J. Unsupervised filtering of color spectra 98018
Lenz, W. Generation of pulses with tunable pulsewidth by active modelocking of an erbium-doped fiber ring laser 65086
Lenzen, G. *see* Adam, W. 69709
Lenzen, G. *see* Fuerstenau, H. 69740
Lenzi, M. *see* Chiaretti, G. 96059
Lenzing, E. *see* Lee, C.C. 94882
Lenzing, E.H., Pastore, R.A., Jr, Hechtman, C.D., Lenzing, H.E., Kunhardt, E.E. Ultra-wideband antenna for high-power operation 97328
Lenzing, H.E. *see* Lenzing, E.H. 97328
Lenzini, L. *see* Anastasi, G. 88274
Lenzini, L. *see* Blanc, J.P.C. 118118
Lenzner, M. *see* Stingl, A. 107189
Leo, G., Longo, M., Lovergine, N., Mancini, A.M., Vasanelli, L., Drigo, A.V., Romanato, F., Peluso, T., Tapfer, L. Influence of a ZnTe buffer layer on the structural quality of CdTe epilayers grown on (100)GaAs by metalorganic vapor phase epitaxy 82639
Leo, G., Lovergine, N., Prete, P., Longo, M., Cingolani, R., Mancini, A.M., Romanato, F., Drigo, A.V. Optimization of the structural and optical properties of ZnS epilayers grown on (100)GaAs by MOVPE 74180
Leo, G., Peluso, T., Lovergine, N., Mancini, A.M., Vasanelli, L., Giannini, C., Tapfer, L., Romanato, F., Drigo, A.V. Lattice strain analysis of VPE-grown ZnS epitaxial layers on (001) GaAs by RBS–channeling and high resolution XRD measurements 63051
Leo, G. *see* Picciau, M. 65434
Leo, G. *see* Valentini, A. 61433
Leo, K. *see* Leisching, P. 63036
Leo, R.De *see* De Leo, R.
Leobandung, E., Lingjie Guo, Yun Wang, Chou, S.Y. Silicon quantum-dot transistors operating above 100 K 63820
Leon, B., Klumpp, A., Gonzalez, P., Parada, E.G., Fernandez, D., Pou, J., Serra, J., Sigmund, H., Perez-Amor, M. Silica deposition by excimer-laser-induced chemical vapour deposition 61365
Leon, B. *see* Chiussi, S. 113322
Leon, C., Casado, J.B., Luque, J., Gonzalo, F. SER: expert system in the fault management of a radio-relay network 101875
Leon, C., Martin, J.M., Santamaria, J., Skarp, J., Gonzalez-Diaz, G., Sanchez-Quesada, F. Use of Kramers-Kronig transforms for the treatment of admittance spectroscopy data of p-n junctions containing traps 74321
Leon, F. *see* Abbes, M. 90145
Leon, M.Z.Delgado *see* Delgado Leon, M.Z.
Leon, R., Yong Kim, Jagadish, C., Gal, M., Zou, J., Cockayne, D.J.H. Effects of interdiffusion on the luminescence of InGaAs/GaAs quantum dots 105384
Leon, R. *see* Kim, Y. 114737
Leon, V.De *see* De Leon, V.
Leon Min-Yong *see* Min-Yong Leon
Leon-Florian, E. *see* Bates, S.J. 90122
Leon-Florian, E. *see* Bates, S.J. 110607
Leon-Garcia, A. *see* Khorsandi, S. 86593
Leon-Garcia, A. *see* Khorsandi, S. 87458
Leon-Garcia, A. *see* Khorsandi, S. 108850
Leon-Garcia, A. *see* Law, K.L.E. 88028
Leon-Garcia, A. *see* Liao, R.-F. 67529
Leon-Garcia, A. *see* Naser, H. 87317
Leon-Garcia, A. *see* Rasheed, Y. 87327
Leon-Garcia, A. *see* Sajadieh, M. 88801
Leon-Garcia, A. *see* Sajadieh, M. 118990
Leonard, B. Today's power supplies require flexible solutions [ATE] 82930
Leonard, D. *see* Coit, D.W. 73865
Leonard, D.A. A generalized Forney formula for algebraic-geometric codes 76799
Leonard, D.J. Front-end representation of modal transformer models 91599
Leonard, D.J. *see* Wilcox, D.J. 112035
Leonard, F. On the use of statistics and kriging to the monitoring of hydro generating units at Hydro-Quebec 102506
Leonard, G. *see* Pundak, N. 60638
Leonard, J.J. *see* Vaganay, J. 89493
Leonard, M. *see* Bulman, G.E. 65240
Leonard, M. *see* Edmond, J. 116263
Leonard, M.T. *see* Bulman, G.E. 96329
Leonard, P.J., Lai, H.C., Eastham, J.F., Al-Akayshee, Q.H. Automatic treatment of multiple wound coils in 3D finite element problems including multiply connected regions 71242
Leonard, P.J., Rodger, D., Lai, H.C. Comparison of methods for modelling jumps in conductivity using nodal magnetic vector potential formulations 107781
Leonard, P.J. *see* Allen, N. 65738
Leonard, P.J. *see* Brillante, S. 81970
Leonard, P.J. *see* Coles, P.C. 65686
Leonard, P.J. *see* Hainsworth, G. 65745
Leonard, P.J. *see* Hill, R.J. 91852
Leonard, P.J. *see* Lai, H.C. 111933
Leonard, P.J. *see* Rodger, D. 107782
Leonard, R. *see* Primrose, P.L. 60497
Leonard, S., Atherton, D.L. Calculations of the effects of anisotropy on magnetic flux leakage detector signals 64496
Leonard, W. *see* Sheats, J.R. 116244
Leonard Chin *see* Chin Leonard
Leonardi, E. *see* Ajmone Marsan, M. 87464
Leonardi, E. *see* Basti, G. 90164
Leonardi, E. *see* Kleinrock, L. 78920
Leonardi, E. *see* Marsan, M.A. 78907
Leonardi, E. *see* Marsan, M.A. 98640
Leonardi, F., Matsuo, T., Lipo, T.A. Iron loss calculation for synchronous reluctance machines 111917
Leonardi, F., Venturini, M., Vismara, A. PM motors for direct driving optical telescope 81945
Leonardi, S. *see* Bartal, Y. 93043
Leonardi, S. *see* Feuerstein, E. 98705
Leonardis, A., Bischof, H. Dealing with occlusions in the eigenspace approach 86414
Leonardis, A. *see* Hlavac, V. 67262
Leonardo, E.J., Lin Zhang, Vucetic, B.S. Multidimensional M-PSK trellis codes for fading channels 76784
Leonardy, J., Kaiser, F., Belic, M.R., Timotjevic, D. Oscillation versus amplification in double phase conjugation 116728
Leonberger, F.J., Bossi, D.E., Ade, R.W., Lewis, D.K. Manufacturing and applications of integrated optical circuits 64996
Leoncini, E. *see* Brasca, C.L. 91372
Leoncini, M. *see* Bar-On, I. 61011
Leoncini, M. *see* Maci, S. 108048
Leoncini, N. On speed versus accuracy: some case studies 113199
Leone, A. *see* Bellini, A. 108423
Leone, A. *see* Maruyama, K. 100989
Leone, A. *see* Speciale, N. 115173
Leone, B. *see* Fawcett, B. 113856
Leone, G., Pascazio, V., Pierri, R. Antenna pattern determination by MST from square complex field data 85966
Leone, G., Pierri, R., Soldovieri, F. Reconstruction of complex signals from intensities of Fourier-transform pairs 98028
Leone, G. *see* Isernia, T. 66050
Leonelli, J. *see* Richter, P.I. 111212
Leonelli, R. *see* Ababou, Y. 114605
Leonetti, D. *see* Boccignone, G. 87072
Leong, C.K., Mathur, R.P., Craig, A.D. Payload digital processor hardware demonstrator for satellite communications systems 119112
Leong, H.V., Si, A. Data broadcasting based on statistical operators 119052
Leong, H.V., Si, A., Chan, B.Y.L. Caching data over a broadcast channel 118905
Leong, H.W. *see* Ku, L.-P. 104264
Leong, H.W. *see* Low, C.P. 61909
Leong, J. *see* Mauceri, T. 80448
Leong, K. *see* Mattis, J. 72378
Leong, M.S., Li, L.W., Kooi, P.S., Yeo, T.S., Ho, S.L. Input impedance of a coaxial probe located inside a rectangular cavity: theory and experiment 97230
Leong, M.S. *see* Lau, Y.C. 65825
Leong, M.S. *see* Neo, C.P. 97089
Leong, M.S. *see* Yeo, T.S. 73662
Leong, P.H.W. *see* Jin, C.T. 114170
Leong, P.H.W. *see* Lai, K.K. 62111
Leong, T.C., Johnson, N.P., Acha, E. The development of a data acquisition system suitable for monitoring harmonic information from three phase transformers 102782
Leong, W. *see* Reddy, S. 113855
Leong, W.H. *see* Schwiebert, M.K. 83660
Leong, W.Y. *see* Nejim, A. 94928
Leong, W.Y. *see* Robbins, D.J. 100115
Leong Chew Weng *see* Yang Ji-Chen 112917
Leong Hon Wai *see* Hon Wai Leong
Leong Khoo Aik *see* Khoo Aik Leong
Leong Soon *see* Soon Leong
Leong Tham, J. *see* Hull, C.D. 78536

Leong Tham Joo *see* Joo Leong Tham
Leonhard, W. AC drives with macroelectronic power supply and microelectronic control, flexible sources of controlled mechanical energy 71770
Leonhard, W. Controlled AC drives, a successful transition from ideas to industrial practice 91792
Leonhard, W. Electrical drives–universal sources of mechanical energy 91802
Leonhardt, A. *see* Endler, I. 72917
Leonhardt, D.A. Ultrafine pitch gold ball bonding 114454
Leonhardt, R. *see* Barry, L.P. 119901
Leonhardt, R. *see* Murdoch, S.G. 106780
Leonhardt, R. *see* Murdoch, S.G. 107508
Leonhardt, S. *see* Ludwig, C. 103474
Leonhardt, U., Magee, J. Towards a general location service for mobile environments 118859
Leonhardt, U., Magee, J., Dias, P. Location service in mobile computing environments 78565
Leonhardt, U. *see* Anderson, M.E. 100371
Leoni, F. *see* Bottalico, S. 68689
Leoni, M. *see* Delfrate, M.A. 92956
Leoni, R. *see* Alvsvaag, S.J. 90124
Leoni, R. *see* Castellano, M.G. 106698
Leoni, R. *see* Corradetti, A. 84423
Leonida, G. *see* MacLeod Ross, W. 104930
Leonidopoulos, G. Attempt to explain why the surface resistance under measurement in the thin polymeric film surface resistance measurement method varies during the experimental response of the system 110320
Leonidov, I.A. *see* Patrakeev, M.V. 114652
Leonov, E.N., Luikonen, R.A. Study of the energy characteristics of the pulsed carbon monoxide laser 116351
Leonov, P. *see* King, E.E. 69818
Leonov, S.N. *see* Belousova, I.M. 120767
Leonov, V.N. *see* Khrebtov, I.A. 119669
Leonov, V.N. *see* Zerov, V.Y. 100000
Leonov, V.V. *see* Mikhailov, V.G. 79828
Leonova, L.Yu. *see* Klyuev, V.G. 75707
Leonowich, R.H. *see* Antao, B.A.A. 61696
Leont'ev, V.G., Shishkanov, E.F. Outlook on an unstable-waveguide cavity usage in gas lasers 116353
Leont'ev, V.G. *see* Kuznetsov, A.A. 75784
Leopold, K.E. *see* Hofmann, Th. 107057
Leopold, K.E. *see* Taylor, R.S. 81995
Leotta, A. *see* Bonanno, F. 102334
Leotta, A. *see* Bonanno, F. 102491
Leotta, A. *see* Cavallaro, C. 102332
Leotta, A. *see* Consoli, A. 102596
Leou, K.C., McDermott, D.B., Chong, C.K., Luhmann, N.C., Jr. Experimental investigation of a broadband dielectric-loaded gyro-TWT amplifier 62639
Leou, K.C., McDermott, D.B., Luhmann, N.C. Large-signal characteristics of a wide-band dielectric-loaded gyro-TWT amplifier 105067
Leou, R.C., Gaing, Z.L., Lu, C.N., Chang, B.S., Cheng, C.L. Distribution system feeder cold load pickup model 102080
Leou Jin-Jang *see* Jin-Jang Leou
LePage, A.J. *see* Beeler, C.J. 90795
Lepage, P., Pribetich, P. Analysis of thin copper film planar lines with fractal structure for microwave circuits 83461
LePage, P. *see* Talisa, S.H. 84929
Lepaih, M. *see* Pataut, G. 73771
Lepaisant, J. *see* Hubert, O. 95491
Lepape, O. *see* Burgun, L. 83084
Lepard, R.H. *see* Djokic, S.S. 61448
Lepaul, S., Aniel, F., Paymayeche, L., De Lustrac, A., Bouillault, F., Adde, R. Modeling hot spot in ultrashort gate length pseudomorphic HEMTs 84476
Lepeltier, V. *see* Alexandrof, V.A. 100628
Lepeltier, V. *see* Tenenbaum, P. 89675
Lepercq, P., Carru, J.C., Mehri, F., Crosnier, Y., Bourzgui, N., Francois, I., De Boeck, J., Borghs, G. Microwave measurements on YBaCuO thin films and realisation of microwave superconducting devices 95488
Lepert, A. *see* Kalnitsky, A. 84231
Lepeshev, A.A., Pavlov, V.F., Polyakova, K.P., Seredkin, V.A. Polycrystalline Bi-substituted yttrium-iron garnet films: manufacturing and properties 104108
Lepetit, L., Cheriaux, G., Joffre, M. Two-dimensional nonlinear optics spectroscopy: simulations and experimental demonstration 119924
Lepikh, Ya.I. Temperature oscillations of the conductivity of a piezoelectric ceramic 106360
Lepikh, Y.I. *see* Kalashnikov, A.N. 114058
Lepine, S., Moffat, A.F.J., Henriksen, R.N. Wind inhomogeneities in Wolf-Rayet stars. I. Search for scaling laws using wavelet transforms 98263
Lepine, Y. *see* Lamouche, G. 105355
Lepine-Szily, A. *see* Odland, O.H. 110593
Leping Chen *see* Chen Leping
Leping Xu *see* Xu Leping
Lepkowski, S.P. Periodic boundary conditions for the numerical analysis of semiconductor devices 94883
Lepley, B. *see* Losson, E. 110322
Leplumey, I. *see* Poulain D'Andecy, V. 86614
Lepore, A. *see* Lee, T.-P. 78880
Lepore, M., Adinolfi, A., Netti, M.C., Catalano, I.M., Suemune, I. Three-photon absorption coefficients in ZnSe/$ZnS_{0.18}Se_{0.82}$ strained-layer superlattices 74362
Lepore, M. *see* Molinari, E. 62916
Lepore, M. *see* Netti, M.C. 105346
Leppanen, P. *see* Iinatti, J. 99079
Leppanen, P.A. *see* Karkkainen, K.H.A. 66295
Leppavuori, S. *see* Ahmed, E. 74515
Leppihalme, M., Honkanen, S. Techniques for optoelectronic interconnections 112909
Leprince, L. *see* Moison, J.M. 61176
Lepsky, N.A. *see* Minin, V.A. 91861
Lepsoy, S. *see* Oien, G.E. 98116
Lequesne, B., Pawlak, A.M., Schroeder, T. Magnetic velocity sensors 110138
lequeux, N. *see* Boch, P. 72961
Lera, E. Towards multiservice personal communications: perspectives for a sector structure evolution 118609
Lerasle, F., Rives, G., Dhome, H.I., Yassine, A. Human body tracking by monocular vision 67307
Leray, D.L. *see* Ferlet-Cavrois, V. 106019
Leray, J.-L. *see* Chabrerie, C. 74846
Leray, J.-L. *see* Chabrerie, C. 106216
Leray, J.L. *see* Baggio, J. 76027
Leray, J.L. *see* Baggio, J. 107342
Leray, J.L. *see* Dentan, M. 90222
Leray, J.L. *see* Dentan, M. 95214
Leray, J.L. *see* Escoffier, R. 106016
Leray, J.L. *see* Martini, M. 74496
Leray, J.L. *see* Martini, M. 105517
Leray, J.L. *see* Paillet, P. 74495
Leray, J.L. *see* Paillet, P. 105508
Lercel, M.J., Craighead, H.G., Parikh, A.N., Seshadri, K., Allara, D.L. Plasma etching with self-assembled monolayer masks for nanostructure fabrication 94863
Lerch, E., Zaherdoust, P., Bizjak, G. Simulation of industrial decoupling devices 111442
Lerch, E. *see* Bizjak, G. 90962
Lerch, E. *see* Xianzhang Lei 111561
Lerch, M.L.F. *see* Zhang, C. 63805
Lerch, R., Kaltenbacher, M., Landes, H., Lindinger, F. Computer aided design of electromechanical transducers 110101
Lerch, R. *see* Kaltenbacher, M. 101612
Lerch, T.P., Schmerr, L.W., Sedov, A. Characterization of spherically focused transducers using an ultrasonic measurement model approach 90862
Lerer, A., Bryzgalo, S. A new effective numerically-analytical method for analysis of electromagnetic wave diffraction by inhomogeneous dielectric bodies 116844
Lerer, A., Donets, I., Bryzgalo, S. The semi-inversion method for cylindrical microwave structures 97020
LeReverend, B.K. *see* Anderson, P.M. 103179
Leriche, A. *see* Herrmann, P.F. 103170
Leridon, B. *see* Beaudin, G. 79100
Lerme, M., Ulmer, L., Morand, Y., Van De Goor, A., Le Contellec, M., Normandon, P., Gayet, P. Collimation: The solution to push standard Ti-TiN PVD to 0.35 μm technology 84227
Lerme, M. *see* Deleonibus, S. 63292
Lerme, M. *see* Guegan, G. 63698
Lerme, M. *see* Vinet, F. 63491
Lerme, M. *see* Vinet, F. 84269
Lermoyer, A. *see* Pinatel, C. 93819
Lerner, E.J. Infrared detectors offer high sensitivity 89087
Lerner, E.J. Charge-coupled devices capture image information 110212
Lerner, I.V. *see* McCann, E. 105394
Lerner, J. *see* Taiwei Lu 79751
Lerner, P. *see* Miskovsky, N.M. 105003
Lerondel, G., Romestain, R., Madeore, F., Muller, F. Light scattering from porous silicon 94260
Leros, A.P.L. *see* Poveda, J. 99420
Leroux, C., Buj, C., Chante, J.-P. Study of LDD implantation influence on ESD failure threshold using electrothermal simulation 84415
Leroux, C. *see* Deleonibus, S. 114906
Leroux, C. *see* Dentan, M. 90222
Leroux, C. *see* Dentan, M. 95214
Leroux, C. *see* Guichard, E. 115178
Leroux, D. *see* Millet, C. 91519
Leroux, H., Belquin, J.-M., Pollard, R.D., Snowden, C.M., Howes, M.J. The implementation of calibration on coplanar waveguide for on-wafer measurements at W-band 100287
Leroux, M. *see* Grandjean, N. 114904
Leroux, M. *see* Lethelier, E. 86605
Leroux, M. *see* Massies, J. 61228
Leroux, M. *see* Nataf, G. 103852
Leroux, N., Chien, L.-C. Synthesis and properties of new mesomorphic side-on systems 116139
Leroux, N., Fritz, W.J., Doane, J.W., Chien, L.-C. New chiral monomers for polymer stabilized cholesteric textures 106877
Leroux, P. *see* Poitras, D. 113476
Leroux, R. *see* Saw, J. 109383
Leroux, Y. *see* Tarot, A.C. 66029
Leroy, A. *see* Fourre, H. 106059
Leroy, D. *see* Ahlback, J. 90044
Leroy, D. *see* Walckiers, L. 90042
Leroy, D. *see* Yamamoto, A. 89625
Leroy, J. *see* Bourguet, J.-M. 93424
Leroy, J. *see* ShaoJun Wei 93035
Leroy, M. *see* Hautecoeur, O. 120669
Leroy, N. *see* Chbat, M. 78716
Leroy, S.S. *see* Kursinski, E.R. 70484
Leroy, Y. *see* Bocquet, B. 69034
Leroy, Y. *see* Lasri, T. 89472
Leroy, Y. *see* Lasri, T. 119858
Lerski, R. *see* Drew, T. 70221
Lervik, J.M., Grovlen, A., Ramstad, T.A. Robust digital signal compression and modulation exploiting the advantages of analog communications 79188
Lervik, J.M., Ramstad, T.A. Robust image communication using subband coding and multilevel modulation 86505
Lesartre, G. *see* Lotz, J. 73428
Lescaut, B., Nissim, Y.I., Bresse, J.F. Passivation of InGaAs surfaces with an integrated process including an ammonia DECR plasma 105611
Lesch, B. *see* Pernambuco-Wise, P. 96971
Leschenko, D.O. *see* Danilov, O.B. 116364
Lesclae, V. *see* Greenwood, A. 70845
Lescouzeres, L. *see* Laporte, A. 63202
Lescroart, G., Muller, R., Bourdet, G. Beam shaping of phase coupled array of waveguide lasers with binary phase plates 107419
Lescure, B.De *see* De Lescure, B.
Lescure, M. *see* Bosch, T. 109800
Lesegno, P.Viaris de *see* Viaris de Lesegno, P.
Lesha, M.J., Paoloni, F.J. Transient scattering from arbitrary conducting surfaces by iterative solution of the electric field integral equation 107874
Leshchenko, D.O. *see* Bespalov, V.G. 75794
Leshchenko, V.A., Tuikina, S.R. Iterative methods for solving inverse problems for nonlinear partial differential equations 82521
Leshchev, A.A. *see* Ageichik, A.A. 116340
Leshchev, A.A. *see* Ageichik, A.A. 116761
Leshchuk, T.A., Tsaliev, T.A. Extended feed Fresnel antennas 76626
Leshko, A.Yu. *see* Shcherbakov, A.S. 84964
Leshok, A. *see* Dorofeev, A. 94292
Leske, J. Developments in mobile data system technology: particularly GSM 118903
Leske, R.A. *see* Allbritton, G.L. 80079
Leske, R.A. *see* Allbritton, G.L. 100826
Leskela, M. *see* Kukli, K. 75003
Leskela, T., Vasama, K., Harkonen, G., Sarklo, P., Lounasmaa, M. Potential cerium precursors for blue colour in thin film electroluminescent devices grown by atomic layer epitaxy 103968
Leskovsek, J. *see* Pozun, K. 99923
Leskovsek, N. *see* Orel, Z.C. 75674
Leslie, A.J., Pey, K.L., Sim, K.S., Beh, M.T.F., Goh, G.P. TEM sample preparation using FIB: practical problems and artifacts 106121
Leslie, A.J. *see* Pey, K.L. 72349
Leslie, B.C. *see* Nikoonahad, M. 85778
Leslie, I. *see* Bjorkman, N. 118047
Leslie, I. *see* Crosby, S. 78023
Leslie, I.M., McAuley, D., Black, R., Roscoe, T., Barham, P., Evers, D., Fairbairns, R., Hyden, E. The design and implementation of an operating system to support distributed multimedia applications 109207
Lesmond, C. *see* Baze, J.M. 90186
Lesmond, C. *see* Gallet, B. 90054
Lesniak, C. *see* Creech, G.L. 83504
Lesniak, J. Detecting stress with an InSb focal plane array sensor 110203
Lesniewska, E. The comparison of the methods used for estimation of current transformer metrological properties 81531
Lesniewski, P., Thorn, R. A Z-matrix model of the thickness-mode piezoelectric transducer 101608
Lesnik, N.A. *see* Kakazei, G.N. 106513
L'Esperance, G. *see* Ababou, Y. 114605
Lesquen, A.de *see* de Lesquen, A.
Lesquoy, E. *see* Abbes, M. 90145
Lesrel, J. *see* Ortega, J.M. 107394
Lessard, C. *see* Davis, K.M. 120250
Lessard, R.A., Galstyan, T. Polymer used in optical computing 85188
Lessard, R.A., Ghailane, F., Manivannan, G. Holographic characterization of photochromics-doped-polymers films for holographic memories 95660
Lessard, R.A., Ghailane, F., Manivannan, G. Photochromism and its applications in real-time holography 107622
Lessard, R.A., Manivannan, G. Photopolymers: why? for what? and how? 115983
Lessard, R.A. *see* Beaulieu, R. 75385
Lessard, R.A. *see* Ghailane, F. 76290
Lessard, R.A. *see* Pham, V.P. 75409
Lessard, R.A. *see* Vinh Phuc Pham 96817
Lesselier, D. *see* de Oliveira Bohbot, R. 92991
Lesser, M.P., McCarthy, B.L. Quantum efficiency characterization of scientific CCDs 100140
Lesser, R.P. *see* Webber, W.R.S. 80407
Lessner, E., Chae, Y.-C., Kim, S. Effects of imperfections on the dynamic aperture and closed orbit of the IPNS Upgrade synchrotron 89819
Lessner, E. *see* Cho, Y. 79994
Lessner, E. *see* Harkay, K. 89858
Lester, C. *see* Dinesen, P.G. 106860
Lester, G., Hanmer, J., Coles, H. PTFE drawn films as alignment agents for liquid crystals 95859
Lester, G.N. *see* McCall, L.V. 102891
Lester, J. *see* Hwang, Y. 83449
Lester, J. *see* Hwang, Y. 83472

Lester, J.A., Hwang, Y., Chi, J., Lai, R., Biedenbender, M., Chow, P.D. Highly efficient compact Q-band MMIC power amplifier using 2-mil substrate and partially-matched output 83450
Lester, J.A., Hwang, Y., Chi, J., Lai, R., Biedenbender, M., Chow, P.D. Highly efficient compact Q-band MMIC power amplifier using 2-mil substrate and partially-matched output 83473
Lester, N. Still waiting for standards [PCB manufacturing] 83581
Lester, N. Designers drive DFM [PCB design] 114409
Lester, S. *see* Chen, C.H. 92710
Lesterlin, D. *see* Clesca, B. 68377
Lesterlin, D. *see* Hornung, V. 96062
Lesterlin, D. *see* Hornung, V. 116552
Lesterlin, D. *see* Pitel, F. 119180
Lesterlin, D. *see* Rodrigues, V. 68371
Lesthievent, G. *see* Boucheret, M.-L. 77917
Leston, E., Da Silva, E., Hernandez, A.E., Ramirez, J., Bermudez, J., Perez G., L. Calculation of thermal capacity of underground cables in multicircuit systems 102165
Lestra, A., Brosson, P. Design rules for a low-chirp integrated DFB laser with an electroabsorption modulator 85532
Lestrat, P. *see* Dautriche, D. 106218
Lesturgie, M. *see* Poullin, D. 68680
Lesueur, J. *see* Basti, G. 90164
Leszczynski, W. *see* Rogowski, J.B. 80669
Leta, F. *see* Pitanguy, I. 108465
Letaief, K.B. On the performance of spread-spectrum multiple-access communications in multipath fading channels 99171
Letaief, K.B., Chuang, J.C.-I. On the design and performance evaluation of cellular CDMA systems using importance sampling 78440
Letaief, K.B., Chuang, J.C.-I., Murch, R.D. Multicode high-speed transmission for wireless mobile communication 88214
Letaief, K.B., Chuang, J.C.-I., Murch, R.D. A high-speed transmission method for wireless personal communications 119012
Letaief, K.B., Hamdi, M. Efficient simulation of CDMA systems in wireless mobile communications 78574
Letaief, K.B. *see* Halder, P.K. 68070
Letaief, K.B. *see* Hamdi, M. 77747
Letaief, K.Ben *see* Ben Letaief, K.
Letal, G.J. *see* Evans, J.D. 65196
Letallandier, P. *see* Eyharts, Ph. 89740
Letardi, T. Large aperture discharge pumped excimer lasers as drivers for soft X-ray sources 107115
Letartre, X. *see* Drouot, V. 106056
Letartre, X. *see* Meva'a, C. 94371
Letartre, X. *see* Seassal, C. 106857
Letavic, T. *see* Arnold, E. 105995
Letavic, T. *see* Egloff, R. 63157
Letavic, T.J. *see* Baumgart, H. 61642
Letchford, A. *see* Bindra, R. 90209
Letchford, A. *see* Bindra, R. 100949
Letellier, V. *see* Gautheron, O. 68499
Letenko, D.G. *see* Tsentsiper, L.M. 88936
Letertre, F. *see* Di Cioccio, L. 74508
Letessier, J., Ronveaux, A., Valent, G. Fourth-order difference equation for the associated Meixner and Charlier polynomials 72607
Lethelier, E., Leroux, M., Gilloux, M. Processing of numerical check amounts: a segmentation-based approach 86605
Lether, F.G. Rational approximation formulas for computing the positive zeros of $J_0(x)$ 60955
Letheren, M. *see* Costa, M. 90231
Letheren, M. *see* Costa, M. 100982
Lethiecq, M. *see* Feuillard, G. 119602
Lethiecq, M. *see* Janin, Y. 110463
Lethiecq, M. *see* Kouame, D. 110450
Lethiecq, M. *see* Levassort, F. 106366
Lethiecq, M. *see* Nguyen, T.N. 82773
Lethiecq, M. *see* Ouahabi, A. 110052
Letin, V.A., Zayavlin, V.P., Eliseev, V.V. Studying the heat cycling life of spacecraft solar batteries 120632
Letin, V.A. *see* Kagan, M.B. 81870
Letokhov, V.S. *see* Konopsky, V.N. 74086
Letor, R. *see* Belverde, G. 91613
Letor, R. *see* Belverde, G. 91644
Letor, R. *see* Musumeci, S. 113751
Letosa, J., Garcia-Gracia, M., Fornies-Marquina, J.M., Artacho, J.M. Performance limits in TDR technique by Monte Carlo simulation 69475
Letosa, J. *see* Fornies-Marquina, J.M. 92572
Letosa, J. *see* Garcia-Gracia, M. 97814
Letoumelin, R. *see* Tronc, D. 80474
Letourneau, P. *see* Bouvet, D. 63291
Lettenberger, M., Wolfrum, K. Optimized Kerr lens mode-locking of a pulsed Nd:KGW laser 116455
Lettieri, A. Lossless image compression using autosophy networks 67212
Lettieri, A. *see* Di Nola, A. 92368
Lettington, A. *see* Qi He Hong 77117
Lettington, A.H., Qi He Hong, Tzimopoulou, S. Bandwidth extension for IR detectors through spatial-frequency shifting 119715
Lettington, A.H. *see* Hong, Q.H. 89143
Letty, R.Le *see* Le Letty, R.
Leturcq, P., Berraies, M.O., Massol, J.-L. Implementation and validation of a new diode model for circuit simulation 115135
Leturcq, P. *see* Sanchez, J.L. 106109
Leturcq, Ph. *see* Dorkel, J.-M. 104338
Letyuk, L.M. *see* Gorelik, S.S. 64341
Letzring, S. *see* Green, K. 96158
Letzring, S.A. *see* Okishev, A. 116429
Leu, F. *see* Vasseghi, N. 73439
Leu, J. *see* Ho, P.S. 112965
Leu, J. *see* Lou, S. 72370
Leu, J.S. *see* Weng, W.T. 79872
Leu, S.-T. *see* Wei, S.-W. 67959
Leu Len Yi *see* Len Yi Leu
Leu Lii-Yuh *see* Lii-Yuh Leu
Leu Shye-Yuh *see* Shye-Yuh Leu
Leu Tzong-Shyng *see* Tzong-Shyng Leu
Leucht, D. *see* Khilla, A.M. 99434
Leuchtner, R.E., Hristakos, L.S. A study of copper oxide films fabricated by pulsed laser deposition 72853
Leue, S., Oechslin, P. OpParIm: a method and tool for optimized parallel protocol implementation 98454
Leue, S., Oechslin, P. From SDL specifications to optimized parallel protocol implementations 118095
Leuenberger, K.P., Bajpai, P.K. Development of a ceramic device for continuous delivery of acetylsalicylic acid 70179
Leuer, J. *see* Deis, G. 106719
Leuer, J. *see* Mondino, P.-L. 64567
Leuer, J.A., Luxon, J.L., Xu, M.-F., Antaya, T.A. Impact of PF and TF coil misalignment on toroidally asymmetric plasma error fields in TPX 106712
Leung, A., Payandeh, S. Application of adaptive neural network to localization of objects using pressure array transducer 88966
Leung, A.S.M. *see* Lupton, M.J. 112602
Leung, B. The importance of bi-directional monitoring to cellular handoff performance 78496
Leung, B. *see* Au, S. 114027
Leung, B. *see* Feng Chen 73471
Leung, C. *see* Kaiming Ho 76801
Leung, C. *see* Ong, C.T. 98427
Leung, C.-T. *see* Chow, T.W.S. 121066
Leung, C.H., Lee, A. Silver tin oxide contact erosion in automotive relays 62430
Leung, C.H., Lee, A., Bor-Jenq Wang Thermal modeling of electrical contacts in switches and relays 104919
Leung, C.H.C. *see* Zheng, Z.J. 70016
Leung, C.K., Lam, F.K. Performance analysis for a class of iterative image thresholding algorithms 98319
Leung, C.M., Gitis, N.V. Tri-pad airbearing technology 115685
Leung, D. *see* Tao Liu 74631
Leung, D.A. *see* McKinnon, G.C. 80349
Leung, D.H.Y. *see* Critchley, L.A.H. 90528
Leung, E.M., Rodriguez, A. Developing the HTS SC fault current limiter 70981
Leung, E.M. *see* Garren, A.A. 79910
Leung, F.H.F. *see* Ng, T.C.T. 121696
Leung, F.H.F. *see* Wong, L.K. 121768
Leung, G.C.W., Hatzinakos, D. Implementation aspects of various higher-order statistics estimators 82413
Leung, H. Neural network data association with application to multiple-target tracking 66805
Leung, H., Blanchette, M., Harrison, C. Least squares fusion of multiple radar data 68588
Leung, H., Hu, Z., Blanchette, M. Comparison of multitarget track initiation techniques in clutter environment 101654
Leung, H., Hu, Z., Blanchette, M. Evaluation of multiple target track initiation techniques in real radar tracking environments 109703
Leung, H., Lam, J. Receiver design for chaotic modulation system using adaptive filters 68848
Leung, H., Xinping Huang Parameter estimation in chaotic noise 117315
Leung, H. *see* Chan, K.C.C. 111406
Leung, H. *see* Ji Chen 90828
Leung, H. *see* Li, J. 119269
Leung, H. *see* Quach, B. 119293
Leung, H. *see* Sandhu, A. 88385
Leung, H. *see* Zhang, Y. 109743
Leung, H.T. *see* Bland, A.C. 75204
Leung, J. *see* Zargari, M. 73576
Leung, J.S., Siegel, B. GPS standard positioning service (SPS) aircraft en route RAIM availability for continental United States 70370
Leung, K., Chen, M., Shimada, J., Chu, A. RADARSAT processing system at ASF 111315
Leung, K.C., Martin, C.J. Effective doses for coronary angiography 80520
Leung, K.M., Qiu, Y., Carin, L., Kralj, D. Calculations of dispersion curves and transmission spectra of photonic crystals: comparisons with UWB microwave pulse experiments 97149
Leung, K.N. *see* Lee, Y. 90103
Leung, K.N. *see* Pickard, D.S. 69695
Leung, K.N. *see* Sarstedt, M. 100784
Leung, K.S. *see* Chan, S.W.K. 117837
Leung, K.T. *see* Johnson, M.D. 62732
Leung, K.W., Chow, K.Y. Analysis of hemispherical cavity-backed slot antenna 97307
Leung, L.C., Khator, S.K., Pence, J. Optimal transformer allocation under single-contingency 70800
Leung, L.K. *see* Cameron, W.L. 70461
Leung, P. *see* Berangi, R. 118991
Leung, P.S.C. *see* Lee, L.H.C. 66332
Leung, P.S.K. Asymmetric-raised-cosine frequency shift keying (ARC-FSK)—a new modulation with superior anti-multipath characteristics for mobile and personal communications systems 68194
Leung, P.S.K. ARC-FSK–a new anti-multipath modulation for mobile and personal communications systems 109531
Leung, S.H. *see* Weng, J.F. 108356
Leung, S.W., Minett, J.W. CFAR data fusion using fuzzy integration 117380
Leung, S.W. *see* Zhu, Y.S. 99809
Leung, T., Malik, J. Detecting, localizing and grouping repeated scene elements from an image 67264
Leung, V.C.M., Au, A.W.Y. A wireless local area network employing distributed radio bridges 87756
Leung, V.C.M. *see* Chan, H.C.B. 78043
Leung, V.C.M. *see* Chan, H.C.B. 88329
Leung, V.C.M. *see* Jedrzycki, C. 109434
Leung, V.C.M. *see* Jedrzycki, C. 109525
Leung, V.C.M. *see* Roorda, P.D. 87404
Leung, V.C.M. *see* Wong, A.Y.-C. 68049
Leung, V.C.M. *see* Wong, W.Y.L. 88328
Leung, V.C.M. *see* Yu, O.T.W. 87505
Leung, V.C.M. *see* Yu, O.T.W. 87861
Leung, V.C.M. *see* Yu, O.T.W. 87871
Leung, V.C.M. *see* Yu, O.T.W. 118970
Leung, W.-B. *see* Ngai, T. 113854
Leung, W.C., Singh, N. Current closure for the electrodynamic tether 111024
Leung, W.H., Eberle, C.S., Wu, Q., Ueno, T., Ishii, M. Quantitative characterizations of phasic structure developments by local measurement methods in two-phase flow 89570
Leung, Y.-W., Yum, T.-S. Connection optimisation for two types of videoconference 78136
Leung, Y.H. *see* Smith, J.J. 66716
Leung, Y.K. *see* Paul, K. 105994
Leung Bosco *see* Bosco Leung
Leung Chi-Tat *see* Chi-Tat Leung
Leung Chun Wai *see* Chun Wai Leung
Leung Ka Hin *see* Ka Hin Leung
Leung Kon *see* Kon Leung
Leung Kwok-Wa *see* Kwok-Wa Leung
Leung Lai-Tak *see* Lai-Tak Leung
Leung Lam Kwok *see* Kwok Leung Lam
Leung Tsang, Kyung Pak, Weeks, R., Jian Chen Shi, Rott, H. Electromagnetic wave scattering from real-life rough-surface profiles and profiles based on an averaged spectrum 97042
Leung Tsang *see* Guifu Zhang 111324
Leung Tsang *see* Johnson, J.T. 65763
Leung Tsang *see* Wilson, L.L. 111278
Leung Yee Hong *see* Yee Hong Leung
Leung Yiu-Wing *see* Yiu-Wing Leung
Leung Yu *see* Donnelly, K. 74851
Leupers, R., Marwedel, P. Instruction-set modelling for ASIP code generation 93496
Leupold, H.A., Tilak, A.S., Potenziani, E., II Imposition of periodic magnetization patterns on high-energy-product magnetic plates 64482
Leupold, M.J. *see* Williams, J.E.C. 95531
Leurs, W. *see* Honerla, J. 121254
Leuschner, R. *see* Kragler, K. 63511
Leutenegger, S. *see* Durisch, W. 91395
Leuther, A., Forster, A., Luth, H., Holzbrecher, H., Breuer, U. DX centres, conduction band offsets and Si-dopant segregation in $Al_xGa_{1-x}As$/GaAs heterostructures 62808
Leuther, A., Hollfelder, M., Hardtdegen, H., Luth, H. Experimental realization of a two-dimensional to two-dimensional tunnel transistor 63775
Leuthold, J., Eckner, J., Besse, P.A., Guekos, G., Melchior, H. Dual-order mode (DOMO) all-optical space switch for bidirectional operation 88513
Leuthold, J., Hess, R., Eckner, J., Besse, P.A., Melchior, H. Spatial mode filters realized with multimode interference couplers 75673
Leuthold, P. *see* Gipser, T. 119198
Leutz, B. *see* Stiteler, M.R. 114439
Leutz, H. *see* D'Ambrosio, C. 80010
Leutz, H. *see* Puertolas, D. 120202
Leuzzi, G., Serino, A., Giannini, F. RC-term correction in the evaluation of parasitic inductances for microwave transistor modelling 73728
Leuzzi, G., Serino, A., Giannini, F., Ciorciolini, S. Novel non-linear equivalent circuit extraction scheme for microwave field-effect transistors 93845
Leuzzi, G. *see* Colantonio, P. 114248
Leuzzi, G. *see* Giannini, F. 93827
Lev-Tov, S.J., Inan, U.S., Smith, A.J., Clilverd, M.A. Characteristics of localized ionospheric disturbances inferred from VLF measurements at two closely spaced receivers 107893
Levai, S. *see* Anghel, S. 76309
Levalois, M. *see* Marie, P. 74095
LeVan, P.D. *see* Roberts, W.T., Jr. 90896
Levander, A. *see* Robertsson, J.O.A. 101501
Levander, A. *see* Robertsson, J.O.A. 101564
Levanon, A., Friberg, S.R., Fujii, Y. Solitons for optical time-domain reflectometry 79743

Levanon, A., Friberg, S.R., Fujii, Y. Observation of soliton propagation dynamics using a novel time-resolved spectral reflectometer 85010
Levanon, A., Friberg, S.R., Mukai, T., Fujii, Y. Direct observation of soliton and normal pulse propagation by spectral domain reflectometry 95674
Levanon, N. Delay-Doppler response of new CW radar signals 68589
Levant, I., Lokner, V. Waste management and electric energy production costs in nuclear and fossil fired power plants 111733
Levash, L.V. *see* Vakulenko, O.V. 106476
Levashov, V.I. *see* Nikitenko, V.I. 79655
Levashov, Y. *see* Emamian, M. 89905
Levashov, Yu.I. *see* Vinokurov, N.A. 96552
Levassort, F., Certon, D., Feuillard, G., Patat, F., Lethiecq, M. Calculation scheme for electroelastic moduli of 0-3 piezocomposites 106366
Levassort, F. *see* Janin, Y. 110463
Levassort, F. *see* Nguyen, T.N. 82773
Levchenko, C.A. *see* Zelenokhat, N.I. 101822
Levchenko, E.V. *see* Zaitsev, M.V. 71142
Levchenko, I.V. *see* Fankov, S.E. 66103
Levchenko, V.I., Klimenkov, V.P. Thermostatic control of reference thermocouple junctions 79349
Levchenko, V.I., Postnova, L.I. Facility for growing epitaxial films of IV-VI compounds 72816
Levchuk, E.A. *see* Kolodnyi, G.Ya. 64878
Leveau, J. *see* Molinaro, F. 111201
Levedakis, D.A. *see* Virmani, M. 82728
Levegrun, S. *see* Waschek, T. 120487
Level, M.-P., Brunelle, P., Nadji, A., Sommer, M., Zyngier, H. New specifications for the SOLEIL project 76071
Level, M.P. *see* Nadji, A. 120032
Leveling, A. *see* Johnstone, C. 79799
Levendel, Y. *see* Duesing, E. 108953
Levene, H.B. *see* Wang, S.H. 80206
Levene, M. *see* Barbastathis, G. 64630
Levenshtein, V.I. Applications of coding and design theory to constructing the maximum resilient systems of functions 66479
Levenshtein, V.I. A simple proof of the main inequalities for fundamental parameters of codes in polynomial association schemes 76729
Levenson, J.A. *see* Lovering, D.J. 106910
Levenson, J.A. *see* Lovering, D.J. 116629
Levenson, J.A. *see* Raj, R. 65453
Levenson, M.D. *see* Bortz, M.L. 107524
Levensons, M. *see* Creamer, G. 80551
Leventon, M.E. *see* Ettinger, G.J. 110704
Leveque, Ph. *see* Etourneau, P. 66052
Leveque, Ph. *see* Melon, Ch. 66057
LeVeque, R.J. High-resolution conservative algorithms for advection in incompressible flow 61130
Lever, K.V. *see* Mahajan, A.O. 78526
Lever, K.V. *see* Tsimbinos, J. 117518
Lever, P. *see* Jennings, P. 76496
Lever, P.H., Ball, R.J., Jennings, P.A. Design of a mode stirring facility for whole vehicle testing 65876
Lever, R. *see* Marc, N. 75683
Lever, R. *see* Marc, N. 95953
Lever, R. *see* Marc, N. 95954
Lever, R.F. *see* Hashim, M.D.R. 94920
Levering, V. *see* Guyot, A. 93341
Levermann, A.H., Woolf, D.A., Westwood, D.I., Macdonald, J.E. An investigation by spot profile analysis low energy electron diffraction of Si grown on GaAs(001) 82662
Levesque, P. *see* Dion, M. 96303
Levesque, P. *see* Roth, A.P. 114786
Levesque, W.R. Outsourcing the meter reading function 102295
Leveugle, R. *see* Wendling, X. 104547
Levi, A. *see* Roman, C. 69036
Levi, A.F.J. *see* Frateschi, N.C. 96293
Levi, A.F.J. *see* Hahn, K.H. 119222
Levi, A.F.J. *see* Siala, S. 99505
Levi, D. *see* Ahrenkiel, R.K. 94290
Levi, D.H., Moutinho, H.R., Hasoon, F.S., Ahrenkield, R.K., Kazmerski, L.L., Al-Jassim, M.M. Correlations of electro-optical and nanostructural properties of CdTe thin films [for solar cells] 112368
Levi, D.H., Moutinho, H.R., Hasoon, F.S., Keyes, B.M., Ahrenkiel, R.K., Al-Jassim, M., Kazmerski, L.L., Birkmire, R.W. Micro through nanostructure investigations of polycrystalline CdTe: correlations with processing and electronic structures 94368
Levi, E. Main flux saturation modelling in double-cage and deep-bar induction machines 81448
Levi, E., Krzeminski, Z. Main flux-saturation modelling in d-q axis models of induction machines using mixed current-flux state-space models 81464
Levi, E., Sokola, M., Boglietti, A., Pastorelli, M. Iron loss in rotor-flux-oriented induction machines: identification, assessment of detuning, and compensation 111935
Levi, E., Sokola, M., Boglietti, A., Pastorelli, M. Iron loss identification and detuning evaluation in rotor flux oriented induction machines 121971
Levi, E. *see* Sokola, M. 102729
Levi, E. *see* Sokola, M. 111952
Levi, E. *see* Sokola, M. 121496
Levi, L., Muratore, F., Palestini, V., Romano, G. Performance of a DS-CDMA system in a multipath fading environment 78415
Levi, L., Muratore, F., Romano, G. Simulation results for a CDMA interference cancellation technique in a Rayleigh fading channel 78416
Levi, L., Romano, G. Performance results with antenna diversity in urban environment for a DS-CDMA mobile radio system 78417
Levi, L., Romano, G. Performance of a DS-CDMA integrated terrestrial-satellite mobile system using a pilot signal for coherent reception in the forward link 78595
Levi, M. *see* Becker, R. 110615
Levi, M.E. *see* Chau, A. 90219
Levi, M.E. *see* Chau, A. 100936
Levi, M.E. *see* Santos, D.M. 90218
Levi, M.E. *see* Santos, D.M. 100937
Levialdi, N. *see* D'Angelo, A. 82158
Leviatan, Y., Erez, E. Analysis of electromagnetic scattering by a nearly touching pair of cylinders with the use of a multifilament source model 116866
Leviatan, Y. *see* Baharav, Z. 76402
Leviatan, Y. *see* Baharav, Z. 97043
Leviatan, Y. *see* Baharav, Z. 107836
Leviatan, Y. *see* Baruch, E. 108045
Leviatan, Y. *see* Erez, E. 85832
Leviatan, Y. *see* Levy, D. 89499
Levichev, E., Sajaev, V. Nonlinear dynamics study of the SIBERIA-2 electron storage ring 120013
Levichev, E. *see* Becker, T. 89791
Levicky, D., Drutarovsky, M., Galajda, P., Kocur, D., Marchevsky, S. Adaptive Goertzel's algorithm for DFT computation with higher accuracy 66838
Levidow, L., Carr, S. UK: disputing boundaries of biotechnology regulation 101047
Levidow, L., von Schomberg, R. Harmonization difficulties of European biotechnology regulation: EC directive 90/220 on the deliberate release of genetically modified organisms (GMOS) 101046
Levien, R. Protecting Internet E-mail from prying eyes 67715
Levillain, C., Therond, P.G. Minimal performances of high Tc wires for cost effective SMES compared with low Tc's 103041
Levin, A.V. High-speed, high efficiency 500 W CW CO_2 laser hermetization of metal frames of microelectronics devices 105618
Levin, A.V. New mass transfer mechanism under CW CO_2 laser effect and perspectives for applications 107652
Levin, A.V., Zaikin, A.E., Petrov, A.L. Auto oscillations ODMV plasma upon 500 W CW CO_2 laser radiation exposure and influence on metal surface treatment 107641
Levin, C.S., MacDonald, L.R., Tornai, M.P., Hoffman, E.J., Park, J. Optimizing light collection from thin scintillators used in a beta-ray camera for surgical use 90366
Levin, C.S., MacDonald, L.R., Tornai, M.P., Hoffman, E.J., Park, J. Optimizing light collection from thin scintillators used in a beta-ray camera for surgical use 110697
Levin, C.S., Tai, Y.-C., Hoffman, E.J., Dahlbom, M., Farquhar, T.H. Removal of the effect of Compton scattering in 3-D whole body positron emission tomography by Monte Carlo 101119
Levin, C.S., Tornai, M.P., Cherry, S.R., MacDonald, L.R., Hoffman, E.J. Compton scatter and X-ray crosstalk and the use of very thin inter-crystal septa in high resolution PET detectors 101116
Levin, C.S. *see* MacDonald, L.R. 80258
Levin, C.S. *see* Tornai, M.P. 101293
Levin, C.S. *see* Tornai, M.P. 101313
Levin, C.S. *see* Tornai, M.P. 110696
Levin, D. Fast integration of rapidly oscillatory functions 61078
Levin, G., O'Malley, K. Designing with hysteretic current mode control 73090
Levin, G. *see* Jurasek, G. 71858
Levin, G.G. *see* Korzhenevich, E.L. 96807
Levin, G.M. *see* Lambin, L.N. 108640
Levin, I.W. *see* Kidder, L.H. 110200
Levin, J., Barker, J., Eaton, M., Perrin, D. The server at home model: a distance learning/research model and project implementation on the Web 103346
Levin, L., Tzach, D., Shamir, J. Fiber optic velocity interferometer with very short coherence length light source 69203
Levin, L.A. *see* Arensburg, A. 96443
Levin, M., Epstein, B. The effects of capacity limitations on frequency diversity gain in FH/TDMA systems 118992
Levin, M., Epstein, B., Furcajg, F., Dilmony, D. Capacity maximization in TDMA based WLL systems using multi-user units 98919
Levin, M., Epstein, B., Gil, A., Matityahu, I. WLL network deployment: An operator's perspective 98914
Levin, M. *see* Burgett, W. 79856
Levin, P.L. *see* Schneider, R. 116810
Levin, P.L. *see* Ustundag, A. 84711
Levin, S., Olsen, E.T., Backus, C., Gulkis, S. The NASA HRMS Sky Survey X-band observations: a progress report 79111
Levin, S.F. Compactness maximum method and complex measurement problems 79202
Levin, S.F., Markova, E.V. Design of tests for metrological certification of software for statistical data processing 68984
Levin, S.M. A new model for biologic constructs 61115
Levin, V.I. Automaton-logic methods in pattern recognition 67183
Levin, V.I. Method of k-digit simulation of digital circuit dynamics 113916
Levin, V.L. *see* Mordvintsev, V.M. 105521
Levine, A.M., van Tartwijk, G.H.M., Lenstra, D., Erneaux, T. Narrow linewidth stable operation of diode lasers with optical feedback 116486
Levine, B.A. *see* Komo, D. 110814
Levine, B.F. *see* Dutta, N.K. 78871
Levine, B.F. *see* Sarusi, G. 69295
Levine, E. Stochastic vector quantization, and stochastic VQ with state feedback using neural networks 86085
Levine, E.R., Lueck, R.G., Donaghay, P.L., Conners, D.N., Gagliardi, T., Hanson, R.C., Shell, R.R. Turbulence and optics sampling from an autonomous underwater vehicle 90835
Levine, G. *see* Garuthara, R. 83850
Levine, J., Lottin, J., Ponsart, J.-C. A nonlinear approach to the control of magnetic bearings 102625
Levine, J.D. Benefits of the lateral resistor in a FED 73993
Levine, J.D. Benefits of the lateral resistor in a field effect display 89279
Levine, L. The ultrasonic wedge bonding mechanism: Two theories converge 83654
Levine, M. *see* Dowd, A. 104407
Levine, P. *see* Ambrose, J. 70580
Levine, P.D., Sweda, J.R. A primary standard high vacuum calibration station for industrial applications 89560
Levine, R.A. *see* Grimes, R.Y. 80357
Levine, R.R., Rash, C.E. Test and evaluation of displays for telemedicine applications 79637
Leviner, M.D. *see* Hu, J. 102738
Levinsen, M.T. *see* Pogrebnyakov, A.V. 75344
Levinsen, M.T. *see* Pogrebnyakov, A.V. 95448
Levinshtein, M.E., Rumyantsev, S.-L., Simin, G.S., Park, H., Peatman, W.C.B., Shur, M.S. Low frequency noise in two-dimensional metal-semiconductor field effect transistor 74759
Levinshtein, M.E. *see* Palmour, J.W. 63777
Levinshtein, M.E. *see* Palmour, J.W. 105208
Levinson, A. *see* Weiner, D. 71957
Levinson, D.P. *see* King, F.D. 106062
Levinson, J. *see* Barak, J. 73388
Levinson, J. *see* Barak, J. 74669
Levinson, J. *see* Barak, J. 104553
Levinson, J. *see* Barak, J. 105849
Levinson, Y. *see* Rokni, M. 74774
Levinstein, I.B. *see* Maly, K.J. 118346
Levinstein, I.B. *see* Maly, K.J. 118500
Levit, M., Grimberg, I., Weiss, B.-Z. Interaction of $Ni_{90}Ti_{10}$ alloy thin film with 6H-SiC single crystal 83974
Levitan, S.P. *see* Chiarulli, D.M. 64633
Levitan, S.P. *see* Chiarulli, D.M. 87757
Levitin, G., Mazal-Tov, S., Elmakis, D. Genetic algorithm for optimal sectionalizing in radial distribution systems with alternative supply 70868
Levitin, G., Mazal-Tov, S., Elmakis, D. Reliability indices of a radial distribution system with sectionalizing as a function of network structure parameters 91147
Levitin, G., Mazal-Tov, S., Elmakis, D. Optimal insulation in radial distribution networks 121110
Levitin, G., Mazal-Tov, Sh., Elmakis, D. Optimal allocation of sectionalizers in radial distribution networks 102121
Levitin, L.B., Vainstein, F.S. Single-error-correcting codes for magnetic recording 66325
Levitin, V.L. *see* Elliott, S.R. 80104
Levitsky, M.S. *see* Braunschweig, W. 120173
Levitt, J., Olukotun, K. A scalable formal verification methodology for pipelined microprocessors 83155
Levitt, S.P., Dwolatzky, B., Meyer, A.S. Aerial photograph interpretation for electrical reticulation 102083
Leviush, A.I. *see* Alekseyev, V.G. 102188
Leviush, A.I. *see* Vazyulin, N.V. 70968
Levkoff, J. *see* Kojima, K. 75991
Levkov, F.E. *see* Kolosov, Yu.A. 70602
Levkovich, A.V. *see* Ershov, V.P. 120114
Levkovich, A.V. *see* Ershov, V.P. 120115
Levkowitz, H. Perceptual steps along color scales 86632
Levoguer, C.L. *see* Foord, J.S. 103883
Levonas, M.D. *see* Bergano, N.S. 88646
Levoshkin, A.V. *see* Boutchenkov, V.A. 107173
Levoska, J. *see* Ahmed, E. 74515
Levoska, J. *see* Li, D.M. 72925
Levrel, J.R. *see* Ongareau, E. 66070
Levring, O.A. *see* Boskovic, A. 75448
Levring, O.A. *see* Boskovic, A. 119239
Levshinskii, L.I. *see* Semashko, A.N. 108642
Levstek, A., Persic, B. A comprehensive nonlinear model of fluorescent lamp for simulation with SPICE 103154
Levtsov, V.I. *see* Il'inykh, Yu.S. 80667
Levush, B., Antonsen, T., Jr, Miller, S., Nusinovich, G., Bromborsky, A., Schlezinger, C., Vlasov, A., Ludeking, L. Theory and modeling of high power backward wave oscillators 62636

Levush, B., Antonsen, T.M., Jr., Vlasov, A.N., Nusinovich, G.S., Miller, S.M., Carmel, Y., Granatstein, V.L., Destler, W.W., Bromborsky, A., Schlesiger, C., Abe, D.K., Ludeking, L. High-efficiency relativistic backward wave oscillator: theory and design 105079
Levush, B., Birman, A., Carmel, Y., Rosen, M., Abe, D. Multi-frequency microwave sintering of ceramics 61440
Levush, B., Cai, S.Y., Antonsen, T.M., Jr., Guss, W.C., Basten, M.A., Kreischer, K.E., Temkin, R. Effect of velocity spread on operation of high power gyrotrons 62582
Levush, B. *see* Abramovich, A. 96078
Levush, B. *see* Antonsen, T.M., Jr. 114524
Levush, B. *see* Cheng, S. 65008
Levush, B. *see* Cheng, S. 96501
Levush, B. *see* Chunbo Liu 105022
Levush, B. *see* Guo, H.Z. 62622
Levush, B. *see* Miller, S.M. 105071
Levush, B. *see* Nusinovich, G.S. 105053
Levush, B. *see* Nusinovich, G.S. 120880
Levush, B. *see* Saraph, G.P. 62583
Levush, B. *see* Shiqiu Cheng 107369
Levy, A. *see* Wiart, J. 85877
Levy, A.V. *see* Gene-Jack Wang 90291
Levy, B. *see* Newman, D. 69000
Levy, B.C., Benveniste, A., Nikoukhah, R. High-level primitives for recursive maximum likelihood estimation 92427
Levy, C.D.P. *see* Zelenski, A.N. 90070
Levy, C.D.P. *see* Zelenski, A.N. 120077
Levy, D. Organic doped sol-gel glasses for electro-optics and display applications 116129
Levy, D., Singher, L., Shamir, J., Leviatan, Y. Step height determination by a focused Gaussian beam 89499
Levy, D. *see* Barla, K. 60667
Levy, D. *see* Brouzes, H. 62342
Levy, D. *see* Scarmozzino, R. 88485
Levy, D.C. *see* Burton, B. 121925
Levy, D.C. *see* van der Westhuizen, M.J. 93124
Levy, D.C. *see* van der Westhuizen, M.J. 121471
Levy, D.C. *see* Woodward, D.R. 103085
Levy, F. *see* Regula, M. 113430
Levy, H. *see* LaPadula, C.A. 108819
Levy, I. *see* Burshtein, Z. 110412
Levy, J., Nikitin, V., Kikkawa, J.M., Awschalom, D.D., Samarth, N. Femtosecond near-field spin microscopy in digital magnetic heterostructures 74329
Levy, J. *see* Crooker, S.A. 75912
Levy, L.B. *see* Brown, B.W. 113102
Levy, M. RISC vs RISC: comparing μP architectures 73434
Levy, M. Designing with flash memory: a tool exhibition 104546
Levy, M. DSP design tools target FPGAs 104575
Levy, M., Osgood, R.M., Jr., Hegde, H., Cadieu, F.J., Wolfe, R., Fratello, V.J. Integrated optical isolators with sputter-deposited thin-film magnets 75568
Levy, M. *see* Chinn, R. 99383
Levy, M. *see* Fredricksen, H. 106442
Levy, M. *see* Freiler, M.B. 105691
Levy, M. *see* Gang Zhou 82748
Levy, M. *see* Hong Zhang 106643
Levy, M. *see* Hucho, C. 106642
Levy, M. *see* Kim, E. 115041
Levy, M. *see* Lupascu, A. 85068
Levy, M. *see* Scarmozzino, R. 88485
Levy, M., Schneider, S.C., McAvoy, B.R. *(editors)* 1995 IEEE Ultrasonics Symposium. Proceedings. An International Symposium (Cat. No.95CH35844) 92046
Levy, M.F., Borsboom, P.-P. Radar cross-section computations using the parabolic equation method 78969
Levy, M.F. *see* Zaporozhets, A.A. 97144
Levy, P. *see* Steeples, C. 78137
Levy, P.M., Zhang, S., Ono, T., Shinjo, T. Currents at angle to the planes of the layers 75207
Levy, P.S. Universal at-speed test fixturing for high-pin-count ICs 60583
Levy, P.S. Reusable burn-in carrier system for cut die 62519
Levy, P.W. *see* Zhu, R.Y. 100811
Levy, R., Yao, H.-W., Zaki, K.A. Transitional combline/evanescent mode microwave filters 83314
Levy, R. *see* Netiksis, V. 65534
Levy, R. *see* Othmani, A. 85673
Levy, R. *see* Tomasiunas, R. 94254
Levy, R.P., Schulte, R.W.M., Frankel, K.A., Steinberg, G.K., Marks, M.P., Lane, B., Heilbronn, L.H., Meinass, H.J., Galindo, R.A., Slater, J.D., Slater, J.M. Computed tomography slice-by-slice target-volume delineation for stereotactic proton irradiation of large intracranial arteriovenous malformations: an iterative approach using angiography, computed tomography, and magnetic resonance imaging 110882
Levy, S.C., Cieslak, W.R., Klassen, S.E., Lagasse, R.R. Thin flexible intercalation anodes 81675
Levy, S.C. *see* Voigt, J.A. 112284
Levy, W. *see* Suzuki, H. 90942
Levy, Y., Chaput, F., Riehl, D., Boilot, J.P. Nonlinear optical properties of stable sol-gel systems 107543
Levy, Y., Costello, D.J., Jr. A geometric construction procedure for geometrically uniform trellis codes 97549
Levy, Y., Karam, G., Sari, H. Adaptation of a digital predistortion technique based on intersymbol interpolation 78346
Levy, Y. *see* Boilot, J.P. 75397
Levy-Clement, C. *see* Ponomarev, E.A. 113402
Levy-dit-Vehel, F., Litsyn, S. On the maximality of BCH codes 66364
Levy-dit-Vehel, F., Litsyn, S. More on the covering radius of BCH codes 66391
Levy-dit-Vehel, F. *see* Augot, D. 76797
Lew, A.Y. *see* Yan, C.H. 103870
Lew, M.S. Information theoretic view-based and modular face detection 117896
Lew Jeom-Soo *see* Jeom-Soo Lew
Lew Yan Voon, L.C., Willatzen, M., Santos, P.V., Cardona, M., Munzar, D., Christensen, N.E. Investigation of inversion-asymmetry effects on the band structure of Sn_1Ge_n superlattices 62975
Lewak, D. *see* Odyniec, G. 120158
Lewalter, A., Ludwig, F., Reimer, D., Schilling, M. Temperature dependence of noise properties of directly coupled $YBa_2Cu_3O_7$ magnetometers with $PrBa_2Cu_3O_7$ ramp-type Josephson junctions 106699
Lewandowski, A. *see* Jenkins, D. 111854
Lewandowski, A. *see* Tsuo, Y.S. 103001
Lewandowski, A.C., Mathur, V.K. High dose and phototransferred thermoluminescence in $CaSO_4$, $CaSO_4$:Dy, and $CaSO_4$:Tm 111002
Lewandowski, J., Desjardins, L. Absolute and relative range measurement with a single optical system 77347
Lewandowski, M. Conditions of choice and operation of the braking circuit for a locomotive with AC motors 112517
Lewandowski, M. *see* Fominykh, V.I. 69875
Lewandowski, M. *see* Grzesikiewicz, W. 112506
Lewandowski, P. *see* Maniewski, R. 120426
Lewandowski, P.J. *see* Lin, D.F. 70247
Lewandowski, S.J. *see* Konopka, A. 75343
Lewanowicz, S. Second-order recurrence relation for the linearization coefficients of the classical orthogonal polynomials 72568
Lewellen, T.K., Kohlmyer, S.G., Miyaoka, R.S., Kaplan, M.S., Stearns, C.W., Schubert, S.F. Investigation of the performance of the General Electric ADVANCE positron emission tomograph in 3D mode 101277
Lewellen, T.K., Kohlmyer, S.G., Miyaoka, R.S., Kaplan, M.S., Stearns, C.W., Schubert, S.F. Investigation of the performance of the General Electric Advance positron emission tomograph in 3D mode 101344
Lewellen, T.K. *see* Kaplan, M.S. 101087
Lewellen, T.K. *see* Miyaoka, R.S. 90425
Lewellen, T.K. *see* Miyaoka, R.S. 101341
Lewenkopf, C.H. *see* Bruus, H. 63067
Lewerenz, H.J. *see* Metzner, H. 71713
Lewerenz, H.J. *see* Rappich, J. 94247
Lewerenz, H.J. *see* Scheer, R. 92939
Lewicki, F. Polish Telecom antenna systems database 97295
Lewicki, L. *see* Yeh, C.S. 106050
Lewin, A., Roth, V., Siegmund, G., Johansmann, M. New concept for laser measurement of angular vibrations 110390
Lewin, I., O'Farrell, J., Greer, J. The development of a high-performance LCD backlighting system 89295
Lewin, J.D. *see* Spooner, N.J.C. 100840
Lewin, M. *see* Erdos, P. 60842
Lewin, P.A., Bhatia, R., Zhang, Q., Dodick, J.M. Characterization of optoacoustic surgical devices 90570
Lewin, P.A. *see* Bhatia, R. 101606
Lewin, P.A. *see* Zhang, Q. 110768
Lewin, P.L. *see* Davies, A.E. 91169
Lewin, P.L. *see* Theed, J.E. 81080
Lewiner, J. *see* Chan, H.L.W. 115430
Lewinska-Romicka, A., Szachnowski, W. Problems of the nondestructive magnetic particle and eddy current testing of welded joints in aircraft structures 72989
Lewis, A., Da Costa, V., Martin, R. Poly-Si TFT driver circuits for a-Si TFT-AMLCDs 89290
Lewis, A. *see* Martin, R.A. 110298
Lewis, A. *see* Noach, S. 95910
Lewis, A.G., Turner, W. Driver circuits for AMLCDs 89312
Lewis, A.R. *see* Austin, E.L. 94100
Lewis, A.S. Convex analysis on the Hermitian matrices 103693
Lewis, A.S. *see* Borwein, J.M. 117307
Lewis, B. *see* Kneisel, P. 119978
Lewis, C. *see* Zeitoun, Ph. 75781
Lewis, C.L.S. *see* Smith, C.G. 107039
Lewis, C.L.S. *see* Zhang, J. 96102
Lewis, C.P., Crump, J. Control aspects of digital transducers 99940
Lewis, C.P., Crump, S.J., Evans, G.C. High accuracy current transducer for low frequency measurement 100435
Lewis, C.P., Hesketh, T.G., Kraft, E. Characterization and modelling of a micromachined accelerometer 99941
Lewis, C.P., Hollingworth, J., Hesketh, T.G. A closed loop analogue microphone 99805
Lewis, C.P., Kraft, M., Hesketh, T.G. The development of a digital accelerometer 89508
Lewis, D., Della Torre, E. Identification of stiff modes in micromagnetic problems 95338
Lewis, D. *see* Arabi, T. 61755
Lewis, D. *see* Cherepacha, D. 113845
Lewis, D. *see* Wan, K. 89413
Lewis, D. *see* Young, W. 89416
Lewis, D., III *see* Fliflet, A.W. 104173
Lewis, D.F. *see* McLaughlin, W.L. 120566
Lewis, D.J.H. *see* Habibi, D. 98429
Lewis, D.K. *see* Leonberger, F.J. 64996
Lewis, D.M. Designing a radioisotope facility 69589
Lewis, D.M. *see* Vi Cuong Chan 61789
Lewis, E. *see* Deboux, B.J.-C. 69561
Lewis, E. *see* Dowling, T. 83547
Lewis, E.A. Cyclo convertor drive systems 121995
Lewis, E.N. *see* Kidder, L.H. 110200
Lewis, F.I. *see* Liu, K. 70795
Lewis, F.L. *see* Kwan, C.M. 91523
Lewis, G. Sizing of the array for stand-alone photovoltaic systems 71193
Lewis, G., Keoleian, G.A. Amorphous silicon photovoltaic modules: a life cycle design case study 81911
Lewis, G. *see* Ganesan, G.S. 92205
Lewis, G.D. *see* Jordan, D.L. 100351
Lewis, G.L. *see* Ganesan, G.S. 112919
Lewis, I. *see* Chaffin, N. 79456
Lewis, I.T. *see* Stevens, C.G. 70483
Lewis, J. *see* Koehler, A. 64944
Lewis, J. *see* Ng, W. 66151
Lewis, J.T. *see* Crosby, S. 78023
Lewis, J.W. Cheating Poisson: a biased method for detecting faint sources in all-sky survey data 77089
Lewis, L.D. *see* Goldberg, B. 87876
Lewis, L.H., Gao, J., Jiles, D.C., Welch, D.O. Modelling of permanent magnets: Interpretation of parameters obtained from the Jiles-Atherton hysteresis model 84837
Lewis, L.H., Sellers, C.H., Panchanathan, V. Annealing-induced property improvements in 2-14-1 powders produced by inert gas atomization 115505
Lewis, L.H., Welch, D.O., Pourarian, F. Quantitative characterization of additional ferromagnetic phase in melt-quenched and sintered Nd-Fe-B-based magnets 64315
Lewis, L.H. *see* Nguyen, T.D. 64473
Lewis, M. Comparison of transform coding methods with an optimal predictor for the data compression of digital elevation models 70434
Lewis, M., Grimshaw, A. The core Legion object model 109104
Lewis, M. *see* Mellott, J.D. 114000
Lewis, M. *see* Mellott, J.D. 114008
Lewis, N.H. *see* Gurcan, M.K. 99429
Lewis, N.S. Photoelectrochemistry. Energy conversion using semiconductor electrodes 121835
Lewis, O.C., Bell, G.K., Ma, J. Engineering analysis of electrical effects for the COTP 500 KV transmission line and EBMUD aqueduct corridor 121148
Lewis, P. Wheeling and dealing [power transmission] 111533
Lewis, P., Fortino, J., Gozewski, P., Faria-e-Maia, F., Doucette, A., Brown, S.H. Catalyst selection for a repetitively-pulsed high power self-sustained discharge CO_2 laser 107067
Lewis, P.A. Continuing education in an age of uncertainty 60483
Lewis, P.A., Temple, J.A., Wickham, G.R. Optimisation of ultrasonic inspection of welds in nuclear power plant 111396
Lewis, P.S. *see* Bracht, R.R. 101143
Lewis, P.S. *see* Kung, P.-J. 101053
Lewis, R.A. *see* Holzscheiter, M.H. 79984
Lewis, S.H. *see* Burmas, T.V. 61972
Lewis, S.H. *see* Nagaraj, K. 114030
Lewis, T., Heberle, D., Wallace, A. Development of a fully regenerative 300 hp motor and drive test facility 91830
Lewis, T. *see* Eardley, A. 72160
Lewis, W. *see* Rowlette, J.R., Sr. 85078
Lewis, W.H. Understanding IG receptacles. I 70961
Lewis, W.H. Understanding IG wiring–part 2 70962
Lewis, W.H., Hartwell, F.P. Quality grounding and power quality 70807
Lewis, W.J., Bennett, L.G.I., Teshima, P. Improving the beam quality of the neutron radiography facility using the SLOWPOKE-2 at the Royal Military College of Canada 110501
Ley, C. *see* Belin, C. 75396
Ley, E.De *see* De Ley, E.
Ley, L. *see* Heinrich, G. 72918
Ley, L. *see* Hundhausen, M. 94972
Ley, L. *see* Hundhausen, M. 106976
Ley, L. *see* Stockel, R. 72921
Ley, L. *see* Strauss, J. 95799
Ley, L. *see* Teuschler, T. 63411
Ley, R. *see* Bosser, J. 89844
Ley-Koo, E., Silvestre, E., Saavedra, G., Andres, P., Ojeda-Castaneda, J. Supergaussian modes in GRIN fibers 116016
Ley-Koo, M. *see* Aldave-Matar, R. 86956
Leycure, P. *see* Fletcher, E.J. 99873

Leydekkers, P., Gay, V., Franken, L. A computational and engineering view on open distributed real-time multimedia exchange 118591
Leyden, C. *see* Hainsworth, G. 65745
Leyh, G. *see* Fieguth, T. 100708
Leyh, G.E., Donaldson, A.R., Jackson, L.T. A multi-channel corrector magnet controller 102853
Leyk, A., Bohm, C., Kubalek, E. Voltage amplitude and voltage phase mapping within sub-μm devices by high frequency scanning force microscopy 93890
Leyk, A. *see* Bohm, C. 73769
Leyk, A. *see* Bohm, C. 93891
Leyk, A. *see* Bohm, C. 119848
Leyk, S. *see* Stewart, D.E. 92571
Leyman, D. *see* Jongen, Y. 101424
Leypoldt, J. *see* Sauer, M. 110592
Leys, M.R. *see* Chen, X.Y. 83830
Leys, M.R. *see* Rongen, R.T.H. 105350
Leys, M.R. *see* Vreeburg, C.G.M. 103953
Leysen, R. *see* Vermeiren, P. 91715
Leysen, R. *see* Vermeiren, Ph. 112241
Leyten, J., Smits, R. The role of technology assessment in technology policy 103362
Leyva, R. *see* Calvente, J. 121694
Leyva, R. *see* Giral, R. 113737
Leyval, L. *see* Montmain, J. 103511
Lezal, D., Pedlikova, J., Horak, J. GeO_2-PbO glassy system for infrared fibers for delivery of Er:YAG laser energy 72974
Lezhu Zhou, Davis, L.E. Finite-element method with edge elements for waveguides loaded with ferrite magnetized in arbitrary direction 76527
Lezhu Zhou, Davis, L.E. FEM analysis of coplanar waveguide with ferrite magnetised in an axial or transverse direction 93689
Leznov, B.S., Chebanov, V.B. Controllable electric drives in pumping stations of water-supply and water-extraction systems 103199
Lhamon, M.E., Hassebrook, L.G. Translation-invariant optical pattern recognition without correlation 117761
L'Haridon, H. *see* de Matos, C. 75726
L'Haridon, H. *see* Ponchet, A. 61292
Lhermet, N. *see* Claeyssen, F. 115877
Lhersonneau, G., Butler, P.A., Cocks, J.F.C., Honkanen, A., Huhta, M., Jones, P.M., Jokinen, A., Julin, R., Juutinen, S., Lampinen, A., Mueller, D., Maekelae, E., Oinonen, M., Parmonen, J.M., Piiparinen, M., Savelius, A., Smith, J.F., Toermaenen, S., Virtanen, A., Aeystoe, J. High-spin isomers in neutron-rich nuclei studied with the TARDIS-array at IGISOL 80145
Lheurette, E., Mounaix, P., Salzenstein, P., Mollot, F., Lippens, D. High performance InP-based heterostructure barrier varactors in single and stack configuration 84303
Li, A.X. *see* Turnbull, D.A. 113360
Li, A.Z. To infinity and beyond: rhetorical methods in telecommunications economic policy discourse 98549
Li, A.Z., Chen, J.X., Qi, M., Ren, Y.C. The effect of III-V ratio at the substrate surface on the quality of InP grown by GSMBE 103871
Li, A.Z. *see* Chen, J.X. 103897
Li, A.Z. *see* Chen, J.X. 103956
Li, A.Z. *see* Shen, S.C. 61234
Li, A.Z. *see* Shen, W.Z. 74451
Li, A.Z. *see* Shen, W.Z. 94519
Li, A.Z. *see* Shen, W.Z. 114736
Li, A.Z. *see* Wang, X.H. 84040
Li, A.Z. *see* Zhang, Y.G. 69185
Li, A.Z. *see* Zhang, Y.G. 105478
Li, B., Cai, S. Analysis and application of POCSAG code 97432
Li, B., Chen, X.Q., Chu, J.H., Cao, J.Y., Zhu, J.Q., Tang, D.Y. Growth and characterization of liquid-phase epitaxial $Hg_{1-x}Cd_xTe$ films 94335
Li, B., Sheu, T.-L. Channel access protocols for high speed optical LANs: a comparative study 98783
Li, B., Xiang, X.B., You, Z.P., Xu, Y., Fei, X.Y. Structure and device characteristics of $Al_xGa_{1-x}As$/GaAs solar cells 81901
Li, B. *see* Hell, P. 103736
Li, B. *see* Nagarajan, R. 78835
Li, B. *see* Nagarajan, R. 88570
Li, B. *see* Nagarajan, R. 99475
Li, B. *see* Nagarajan, R. 109607
Li, B. *see* Streller, U. 84143
Li, B. *see* Streller, U. 94786
Li, B. *see* Tang, I.T. 92870
Li, B.H. *see* Wang, P.Y. 101887
Li, B.Z. *see* Qi, W.J. 82668
Li, C. *see* Gao, R.X. 101438
Li, C.-C. *see* Tsui, F.-C. 90288
Li, C.-S., Tong, F. Crosstalk and interference penalty in all-optical networks using static wavelength routers 78896
Li, C.-Y. *see* Chisham, J.E. 95786
Li, C.-Y. *see* Coudray, P. 85041
Li, C.-Y. *see* Coudray, P. 95790
Li, C.-Y. *see* Korhonen, M.A. 63469
Li, C.-Y. *see* Korhonen, M.A. 115001
Li, C.-Y. *see* Najafi, S.I. 95785
Li, C.-Y. *see* Tao Liu 74631
Li, C.H. *see* Chang, K.M. 94763
Li, C.J., Li, S.Y. To improve workpiece roundness in precision diamond turning by in situ measurement and repetitive control 89503
Li, C.J. *see* Li, Z. 90125
Li, C.J. *see* Li, Z. 100896
Li, C.J. *see* Li, Z. 100897
Li, C.J. *see* Li, Z. 110547
Li, C.K., Yuen, H. A high performance image compression technique for multimedia applications 67365
Li, C.R. *see* Mock, P. 72842
Li, C.Y., Zhang, D.H. Effects of As cell temperature on oval defect density and C acceptor concentration of light Si-doped GaAs grown by molecular beam epitaxy 103853
Li, D., Eckler, K., Herlach, D.M. Development of grain structures in highly undercooled germanium and copper 61137
Li, D., Herlach, D.M. High undercooling of bulk molten silicon by containerless processing 82574
Li, D., Herlach, D.M. Direct measurements of free crystal growth in deeply undercooled melts of semiconducting materials 103806
Li, D., Johnson, D.H. Signal constellation design 66242
Li, D., Kang, X., Friesel, D.L., Lee, S.Y., Liu, J.Y., Pei, A., Riabko, A., Wang, L. The lattice design of Indiana University Cyclotron Facility Cooler Injector Synchrotron 79813
Li, D., Liu, J. Compound edge detection method 117731
Li, D., Roshko, R.M. Scaling of the thermoremanent relaxation in FeNiCr 84789
Li, D. *see* Huang, H. 119985
Li, D. *see* Kang, X. 89843
Li, D. *see* Liu, J.Y. 79891
Li, D. *see* Liu, J.Y. 89882
Li, D. *see* Mohammad, S.N. 72873
Li, D. *see* Pei, A. 89976
Li, D. *see* Pei, A. 100653
Li, D. *see* Pei, A. 100654
Li, D. *see* Riabko, A. 89997
Li, D. *see* Schempp, A. 89703
Li, D. *see* Vormann, H. 100750
Li, D. *see* Wang, L. 89881
Li, D.-G., Smith, C. A new global optimization algorithm based on Latin Square theory 92558
Li, D.C., Yoo, C.S., Sun, C.Y. Tungsten absorber on silicon membrane [X-ray masks] 63488
Li, D.M., Mantyla, T., Hernberg, R., Levoska, J. Diamond deposition by coiled and grid filaments using high methane concentrations 72925
Li, E.H. Interdiffusion as a means of fabricating parabolic quantum wells for the enhancement of the nonlinear third-order susceptibility by triple resonance 83956
Li, E.H., Choy, W.C.H. High performance Fabry-Perot modulator using interdiffused AlGaAs/GaAs quantum wells 64801
Li, E.H., Weiss, B.L., Kwok-Sum Chan Eigenstates and absorption spectra of interdiffused AlGaAs-GaAs multiple-quantum-well structures 94502
Li, F., Brady, I., Wiles, C. Fast computation of the fundamental matrix for an active stereo vision system 67234
Li, F., Morgan, R., Williams, D., Song, Y.H. Constrained economic dispatch scheduling in a real public electricity supply system. A genetic approach 111542
Li, F.K. *see* Yueh, S.H. 120792
Li, F.M. *see* Du, Y.C. 94737
Li, G., Haertling, G. Dielectric, ferroelectric and electric field-induced strain properties of $(Pb_{1-x}Ba_x)(Zr_{1-y}Ti_y)O_3$ ceramics 75029
Li, G., Hauser, N., Jagadish, C., Antoszewski, J., Xu, W. Study of subband electronic structure of Si δ-doped GaAs using magnetotransport measurements in tilted magnetic fields 74147
Li, G., Jagadish, C. Growth of Zn δ-doped $Al_xGa_{1-x}As$ (x=0-0.65) by low pressure metal organic vapour phase epitaxy 61173
Li, G., Jagadish, C. Effect of low temperature postannealing on the hole density of C δ-doped GaAs and $Al_{0.3}Ga_{0.7}As$ 114858
Li, G., Jagadish, C. Parametric studies of Zn incorporation during δ-doping of $Al_xGa_{1-x}As$ grown by metal organic vapour phase epitaxy 114887
Li, G.G. *see* Forouhi, A.R. 119797
Li, G.L. *see* Khoo, B.C. 69566
Li, G.P., Sarangan, A., Huang, W.P., Makino, T., Shepherd, F. Multiwavelength DFB laser array utilizing combined effect of ridge width and ridge tilt 96427
Li, G.P. *see* Chou, Y.C. 106089
Li, G.P. *see* Chun Hu 62053
Li, G.P. *see* Evans, J.D. 65196
Li, G.P. *see* Gu, Y. 63164
Li, G.P. *see* Makino, T. 85496
Li, G.P. *see* Sarangan, A.M. 96375
Li, G.P. *see* Sarangan, A.M. 107315
Li, G.P. *see* Zhou, J. 65217
Li, G.Q. *see* Lai, P.T. 63136
Li, G.S., Li, M.Y., Yuen, W., Chang-Hasnain, C.J. The overlooked real cause for high voltage in vertical-cavity surface-emitting lasers 65319
Li, G.S. *see* Vail, E.C. 116470
Li, G.S. *see* Wu, Y.A. 65321
Li, G.Y. *see* Chan, Y.C. 116842
Li, G.Z. *see* Zhao, C.Z. 106847
Li, H., Freedman, M.T., Wang, Y., Lo, S.C.B., Mun, S.K. Mammographic image segmentation using combined morphological filtering and contextual Bayesian labeling 70101
Li, H., Pung, H.K., Ngoh, L.H. A survey of multicast protocols for multimedia communication 118565
Li, H., Siu, K.-Y., Tzeng, H.-Y., Ikeda, C., Suzuki, H. A simulation study of TCP performance over ABR and UBR services in ATM LANs 77986
Li, H., Zhu, Y. Analysis of M/G/1 queues with delayed vacations and exhaustive service discipline 72438
Li, H. *see* Adams, M. 110591
Li, H. *see* Chang, E.K. 94083
Li, H. *see* Giordanot, G. 89673
Li, H. *see* Henestroza, E. 89674
Li, H. *see* Moldovan, L. 104381
Li, H. *see* Mu, F. 86625
Li, H. *see* Thelen, D. 114014
Li, H. *see* Tsuji, M. 121482
Li, H. *see* Westenskow, G. 83757
Li, H.-D. *see* Liang, T.-X. 62495
Li, H.-T., Djuric, P.M. A novel approach to detection of closely spaced sinusoids 97737
Li, H.-T., Djuric, P.M. An iterative MMSE procedure for parameter estimation of damped sinusoidal signals 97738
Li, H.-Y.S., Hong, J. Nonuniformity in hologram diffraction efficiency from time-constant error in the recording schedule 65560
Li, H.-Y.S. *see* Waldman, D.A. 96830
Li, H.C. *see* Ma, L.P. 69548
Li, H.D., Jain, V.K. An approach to the design of discrete-time wavelets 117390
Li, H.F. *see* Bharadwaj, V. 109072
Li, H.F. *see* Chan, F.H.Y. 104609
Li, H.H., Shenai, K. Simulation prototyping of high power modules 61640
Li, H.H., Votaw, J.R. Spatial variation of SNR in 2D and 3D neuro PET 101125
Li, H.H., Zhou, Y.-T. A wavelet-based point feature extractor for multi-sensor image registration 97869
Li, H.H. *see* Trivedi, M. 112101
Li, H.L. An efficient method for solving linear goal programming problems 82506
Li, H.W. *see* Pease, R.A. 106126
Li, H.Y., Aggarwal, R.K., Johns, A.T., Dunn, R.W., Fitton, D. Neural network approach to staggered tripping of circuit breakers in adaptive single-pole autoreclosing 111664
Li, J., Kuo, C.-C.J. Automatic target shape recognition via deformable wavelet templates 86934
Li, J., Lehman, R.L., Sigel, G.H., Jr Electron paramagnetic resonance characterization of nonuniform distribution of hydrogen in silica optical fibers 116014
Li, J., Lin, X., Jay Kuo, C.-C. Boundary-control vector (BCV) motion field representation and estimation by using a Markov random field model 117767
Li, J., Liu, H.C., Brown, E.R., McIntosh, K.A., Nichols, K.B., Manfra, M.J. Quantum well intersubband heterodyne infrared detection up to 82 GHz 100015
Li, J., Rosenbluem, S.S., Hayashi, H., Sinclair, R. Magnetic and structural characteristics of sputtered barium ferrite thin films 106571
Li, J., Stoica, P., Zheng, D. An efficient algorithm for two-dimensional frequency estimation 66769
Li, J., Tsui, B.M.W., Frey, E.C., Gullberg, G.T. Deconvolution scatter compensation for thallium-201 fan-beam cardiac SPECT 101155
Li, J., Weisshaar, A. Generalised impedance boundary method of moments for multilayer graded-index dielectric waveguide structures 85925
Li, J., Wu, C.-L. Multicast function in ATM switches 99000
Li, J., Wu, C. A hierarchical knockout ATM switch 99025
Li, J., Yip, P., Leung, H., Bosse, E. On the use of IFS for track fusion 119269
Li, J., Zhu, X.Y., Wang, W.B., Jen, L. Dual space optimisation method for extracting the natural frequencies of a radar target 109699
Li, J. *see* Botez, D. 116491
Li, J. *see* Chen, J. 110283
Li, J. *see* Javidi, B. 75634
Li, J. *see* Khaleghi, F. 99576
Li, J. *see* Kuech, T.F. 82648
Li, J. *see* Lai, Y.-K. 86559
Li, J. *see* Liang, K.-C. 87166
Li, J. *see* Liu, H.C. 69272
Li, J. *see* Moinpour, M. 63350
Li, J. *see* Sarwar, M. 89175
Li, J. *see* Smith, M.F. 101251
Li, J. *see* Stoica, P. 108330
Li, J. *see* Wong, W.S. 99304
Li, J.-F., Viehland, D. The nonlinear, complex, induced-piezoelectric response of $Pb(Mg_{1/3}Nb_{2/3})O_3$-$PbTiO_3$ relaxors 115412
Li, J.-L. On the growth of meromorphic functions defined by quasi-regular c-fractions 72564
Li, J.H., Bauer, G., Stangl, J., Vanzetti, L., Sorba, L., Franciosi, A. Strain and structural characterization of $Zn_{1-x}Cd_xSe$ laser structures grown on GaAs and InGaAs (001) substrates 85471
Li, J.H., Joppek, C., Faust, U. In vivo EIT electrode system with 32 interlaced active electrodes 90535
Li, J.H. *see* Shingyang Zhu 84580
Li, J.J., Seviora, R.E. An extension to a real-time supervisor for complex software 68001

Li, J.K.-J., Ying Zhu, Drzewiecki, G. Fiber-optic sensor applications to non-invasive cardiovascular diagnosis 69926
Li, J.K.-J. *see* Drzewiecki, G. 70156
Li, J.M. *see* Pan, D. 110147
Li, J.W., Yokoyama, M., Su, Y.K. Performance of ACTFEL devices with ZnS:Mn active layer prepared by MOCVD system 85260
Li, J.Z., Lin, J.Y., Jiang, H.X., Salvador, A., Botchkarev, A., Morkoc, H. Nature of Mg impurities in GaN 105153
Li, K., Atsuki, K. Low conductor loss microstrip lines with side-grooves 83488
Li, K., Atsuki, K. Analysis of microstrip line with a trapezoidal dielectric ridge in multilayered media by partial-boundary element method 114192
Li, K., Lin, J., Wee, A.T.S., Tan, K.L., Feng, Z.C., Webb, J.B. Surface and interface analysis of GaSb/GaAs semiconductor materials 83915
Li, K.C. *see* Kwok, K.F. 88182
Li, K.D. *see* Smith, D.A. 78885
Li, K.H. *see* Cheah, K.L. 99216
Li, K.K. *see* Ye, P. 121228
Li, L. A new complexity bound for the least-squares problem 72592
Li, L., Brookfield, D.J., Steen, W.M. Plasma charge sensor for in-process, non-contact monitoring of the laser welding process 65581
Li, L., Dobrowolski, J.A., Sullivan, B.T., Simpson, R., Bajcar, R.C. High contrast TFEL displays with additional optical interference components 89377
Li, L., Edwards, P.J., Cheung, W.N. Nonlinear optical-frequency conversion in semiconductor lasers 75975
Li, L., Hasegawa, Y., Sakurai, T., Tsong, I.S.T. Field-ion scanning tunneling microscopy study of the atomic structure of 6H-SiC(0001) surfaces cleaned by in situ Si molecular beam etching 94450
Li, L., Steen, W.M. A dual-frequency electromagnetic sensor for non-contact dilution evaluation in laser cladding and alloying processes 61465
Li, L., Tsong, I.S.T. Surface structure and morphology induced by ultrathin Ti films on 6H-SiC(0001) and $(000\bar{1})$ 115036
Li, L., Van Bockstal, L., Herlach, F. Prestress effect on the mechanical behaviour of pulsed magnets 96994
Li, L., Van Bockstal, L., Herlach, F., Van Amersfoort, W. Design study of a 60 T pulsed magnet with 10 μs risetime 96979
Li, L. *see* Constantinof, C. 118299
Li, L. *see* Herlach, F. 96978
Li, L. *see* Jiang, X.L. 107550
Li, L. *see* Ma, L.P. 69548
Li, L. *see* Masteller, M.S. 115577
Li, L. *see* Van Bockstal, L. 96980
Li, L. *see* Van Bockstal, L. 96981
Li, L.-Y., Bettess, P., Bull, J.W., Bond, T. Mesh refinement formulations in adaptive finite element methods 103791
Li, L.C. The future of media servers in broadcasting 109893
Li, L.J. *see* Wang, K.Z. 95963
Li, L.K. *see* Yang, Z. 82695
Li, L.R. *see* Hu, E.Q. 96909
Li, L.R. *see* Ma, Q.S. 107787
Li, L.R. *see* Zhang, B.J. 102639
Li, L.W. *see* Leong, M.S. 97230
Li, M. A priority-based protocol for the 802.3 network 98494
Li, M. *see* Swift, F.J. 80987
Li, M. *see* Wang, H.F. 70778
Li, M.F. *see* Fan, W.J. 83920
Li, M.J., Xin Wu, Pecht, M., Kyung Paik, Bernard, E. Relative humidity cycle testing on GE-HDI 62517
Li, M.Y. *see* Leight, J.E. 88486
Li, M.Y. *see* Li, G.S. 65319
Li, M.Y. *see* Tang, D.Y. 107133
Li, N. *see* Henderson, T. 89790
Li, N.C. *see* Shin, K.K. 66579
Li, N.Y., Dong, H.K., Wong, W.S., Tu, C.W. An evaluation of alternative precursors in chemical beam epitaxy: tris-dimethylaminoarsenic, tris-dimethylaminophosphorus, and tertiarybutylphosphine 103873
Li, N.Y., Wong, W.S., Tomich, D.H., Dong, H.K., Solomon, J.S., Grant, J.T., Tu, C.W. Growth study of chemical beam epitaxy of GaN_xP_{1-x} using NH_3 and tertiarybutylphosphine 103882
Li, N.Y. *see* Tu, C.W. 82649
Li, N.Y. *see* Wong, W.S. 103879
Li, P.C., Humblet, P.A. Zero-forcing electrical filters for direct detection optical systems 78741
Li, P.C. *see* Peng Fang 84585
Li, P.C.H. *see* Viens, M. 110083
Li, P.L.S., Jones, N.B., Gregg, P.J. Vibration analysis in the detection of total hip prosthetic loosening 120520
Li, Q., Xu, J.F., Song, H.B., Liu, X.F., Kang, W.P. Instability and reliability of silicon field emission array 83727
Li, Q. *see* Chen, K.M. 99656
Li, Q. *see* Kang, W.P. 74029
Li, Q. *see* Kang, W.P. 83746
Li, Q. *see* Malozemoff, A.P. 64506
Li, R. *see* Zhongli He 98106
Li, R.L.Q. *see* Chen, R.T. 96836
Li, S., Li, W. New vector transform for image coding 86485
Li, S., Ochi, A., Tsuji, S. Qualitative route description in outdoor environment 87070
Li, S. *see* Cardella, G. 110599
Li, S. *see* Mahanpour, M. 92279
Li, S. *see* Martini, T. 63197
Li, S. *see* Singh, A. 69167
Li, S.-Y.R., Chu Man Lau Concentrators in ATM switching 77685
Li, S.H. *see* Jinju Lee 64947
Li, S.S., Chu, J., Wang, Y.H. Investigation of p-type strained-layer $In_xGa_{1-x}As/Al_yGa_{1-y}As$ quantum well infrared photodetectors for long wavelength infrared imaging arrays applications 69128
Li, S.S. *see* Chu, J. 100031
Li, S.S. *see* Jung-Chi Chiang 119681
Li, S.S. *see* Wang, D.C. 69117
Li, S.S. *see* Wang, D.C. 69162
Li, S.S. *see* Wang, Y.H. 69171
Li, S.S. *see* Yun-Shan Chang 74716
Li, S.X., Gray, A. How to decorate FIB cross sections using plasma etch for SEM observation 95149
Li, S.X. *see* Lai, W.Y. 106587
Li, S.Y., Liu, R.X., Liu, S. Control on the characteristics of the static induction transistor (SIT) 84482
Li, S.Y., Liu, R.X., Yang, J.H. Theoretical analysis of static induction thyristor 84359
Li, S.Y. *see* Li, C.J. 89503
Li, S.Y. *see* Ma, H.L. 94376
Li, S.Z. Parallel distributed relaxation labeling 86658
Li, S.Z. Adaptation to discontinuities and robustness to outliers 97942
Li, T. Electro-optical sensor packaging overview 69193
Li, T.K. *see* Leitch, M.J. 90240
Li, V.O.K., Wanjiun Liao, Xiaoxin Qiu, Wong, E.W.M. Performance model of interactive video-on-demand systems 99738
Li, V.O.K. *see* Lee, K.-C. 78906
Li, V.O.K. *see* Qiu, X. 88245
Li, W., Haese-Coat, V., Ronsin, J. Using adaptive genetic algorithms in the design of morphological filters in textural image processing 77351
Li, W., van der Steen, A.F.W., Lancee, C.T., Honkoop, J., Gussenhoven, E.J., Bom, N. Temporal correlation of blood scattering signals in vivo from radiofrequency intravascular ultrasound 90471
Li, W. *see* Bom, N. 87068
Li, W. *see* Cao, H.Q. 86486
Li, W. *see* Cao, H.Q. 86488
Li, W. *see* Li, S. 86485
Li, W. *see* Vojdani, A.F. 102005
Li, W.-H. *see* Lee, W.C. 61168
Li, W.-H. *see* Thomas, H.R. 80701
Li, W.B., Zheng, W.Z. Microdosimetry computation code for internal sources 120557
Li, W.M. *see* Yuan Ji Pei 100741
Li, W.S., Wang, Z.S., He, Z.Y. Neural network based real-time computation of DCTs and DSTs 104763
Li, X., Albin, D., Asher, S., Moutinho, H., Keyes, B., Matson, R., Hasoon, F., Sheldon, P. The effect of substrate temperature on material properties and the device performance of close-spaced sublimation deposited CdTe/CdS devices 112366
Li, X., Coleman, J.J. Time-dependent study of low energy electron beam irradiation of Mg-doped GaN grown by metalorganic chemical vapor deposition 105154
Li, X., Gu, S.Q., Reuter, E.E., Verdeyen, J.T., Bishop, S.G., Coleman, J.J. Effect of e-beam irradiation on a p-n junction GaN light emitting diode 106997
Li, X., Higashino, T., Higuchi, M., Taniguchi, K. An automatic test case derivation for communication protocols in an extended FSM model 67585
Li, X., Ni, W., Woodcock, C.E., Strahler, A. A simplified hybrid model for radiation under discontinuous canopies 111311
Li, X. *see* Cheeke, J.D.N. 106458
Li, X. *see* Fu, P. 96618
Li, X. *see* Jimenez, J.L. 63042
Li, X. *see* Meki, K. 111231
Li, X. *see* Ni, W. 120898
Li, X. *see* Prabhakar, V. 74733
Li, X. *see* Zhou, B. 61387
Li, X.-D., Thompson, J. One-way messaging service via the MSAT satellite 88191
Li, X.C. *see* Grimsdale, A.C. 75702
Li, X.C. *see* Zhang, J.M. 72684
Li, X.D., O'Leary, M.A., Boas, D.A., Chance, B. Fluorescent diffuse photon density waves in homogeneous and heterogeneous turbid media: analytic solutions and applications 100153
Li, X.G. *see* Chen Qianwang 61311
Li, X.G. *see* Nin, J. 78986
Li, X.L. *see* Zhang, Y.G. 105478
Li, X.N. *see* Jin, S. 114864
Li, X.Q. *see* Chen, W.D. 105704
Li, X.Q. *see* Wang, J.Y. 87069
Li, X.R., Zhi, X. Probabilistic strongest neighbor filter for tracking in clutter 108373
Li, X.Rong *see* Rong Li, X.
Li, X.Y., Song, Y.H., Liu, X.C., Liu, J.Y. Nonlinear optimal-variable-aim strategy for improving multimachine power system transient stability 70747
Li, X.Y. *see* Fredricksen, H. 106442
Li, X.Y. *see* Lin, J.Y. 111480
Li, Y. Two orthogonally polarized optical beams in a family of Kerr-law nonlinear shifted parabolic graded-index rod lenses 116657
Li, Y., Andresen, S., Feng, B. On the performance analysis of EPRMA protocol with Markov chain model 77750
Li, Y., Babuska, I. A convergence analysis of a p-version finite element method for one-dimensional elastoplasticity problem with constitutive laws based on the gauge function method 61113
Li, Y., Kawai, J., Ebinuma, Y., Fujiwara, Y., Aihara, M., Ohki, Y. Space charge behavior in cross-linked polyethylene degraded by water trees 115404
Li, Y., Mahajan, R.L., Nikmanesh, N. Fine pitch stencil printing process modeling and optimization 62464
Li, Y. *see* Bongers, M.M.G. 72818
Li, Y. *see* Chen, X. 97680
Li, Y. *see* Cole, M.W. 83976
Li, Y. *see* Lee, H.P. 82674
Li, Y. *see* Miyamoto, Y. 116602
Li, Y. *see* Praeg, A.R. 116305
Li, Y. *see* Yin, J. 106407
Li, Y. *see* Yuan, C. 61205
Li, Y. *see* Yuan, C. 104063
Li, Y. *see* Zhang, J. 96102
Li, Y.-M. *see* Carlson, D.E. 112360
Li, Y.-S. *see* Ma, J. 79472
Li, Y.B., Stradling, R.A., Artus, L., Webb, S.J., Cusco, R., Chung, S.J., Norman, A.G. Intersubband Raman spectroscopy of two-dimensional electron gases in GaSb/InAs quantum wells 105312
Li, Y.B. *see* Tang, P.J.P. 114775
Li, Y.B. *see* Tompa, G.S. 92690
Li, Y.D. *see* Sun, H.B. 65231
Li, Y.L., Pretzler, G., Fill, E.E., Nilsen, J. Study of anomalous lasing behavior on the two J=0-1 transitions in Ne-like V 116306
Li, Y.M., Fedosejevs, R. Visible single-shot autocorrelator in BaF_2 for subpicosecond KrF laser pulses 76091
Li, Y.P., Henry, C.H., Laskowski, E.J., Yaffe, H.H. Fourier transform-based optical waveguide filters and WDMs 78691
Li, Y.X., Wolffenbuttel, R.F. Development of a deep silicon plasma etching process for sensor application 74917
Li, Y.Y. *see* Sharma, P.L. 83171
Li, Z., Ghislotti, G., Kraner, H.W., Li, C.J., Nielsen, B., Feick, H., Lindstroem, G. Microscopic analysis of defects in a high resistivity silicon detector irradiated to 1.7×10^{15} n/cm^2 90125
Li, Z., Ghislotti, G., Kraner, H.W., Li, C.J., Nielsen, B., Feick, H., Lindstroem, G. Microscopic analysis of defects in a high resistivity silicon detector irradiated to 1.7×10^{15} n/cm^2 100896
Li, Z., Li, C.J., Eremin, V., Verbitskaya, E. Investigation on the N_{eff} reverse annealing effect using TSC/I-DLTS: relationship between neutron induced microscopic defects and silicon detector electrical degradations 110547
Li, Z., Li, C.J., Verbitskaya, E., Eremin, V. Temperature stimulated reverse annealing of neutron induced damage in high resistivity silicon detectors 100897
Li, Z. *see* Benson, S.V. 96445
Li, Z. *see* Benson, S.V. 107358
Li, Z. *see* Biggeri, U. 90126
Li, Z. *see* Biggeri, U. 100898
Li, Z. *see* Das, R.K. 80515
Li, Z. *see* Declercq, F. 108731
Li, Z. *see* Dylla, H.F. 76067
Li, Z. *see* Eremin, V. 69809
Li, Z. *see* Neuffer, D. 96494
Li, Z. *see* Neuffer, D.V. 79877
Li, Z. *see* Steinhaeuser, P. 69834
Li, Z. *see* Tallent, J. 106771
Li, Z. *see* Baldwin, G.L. *(editor)* 72053
Li, Z.-N. *see* Tong, F. 77211
Li, Z.F., Yang, Z.Y., Xiao, R.F. Pulsed laser deposition of hydrogenated amorphous diamond-like carbon films from a polymer target 113447
Li, Z.H., Wu, G.Y., Gu, Y., Chen, W.R., Wang, Y.Y. Measuring and modeling stresses in Al metallization 114992
Li, Z.M., Mawby, P.A., Khanniche, M.S., Board, K. Validation and extension of IGBT compact model with parameter extraction 84382
Li, Z.M. *see* Prasad, S.N. 73790
Li, Z.M. *see* Prasad, S.N. 83401
Li, Z.P., Suda, S. The metallurgical and electrochemical investigations of Ca-La-$(NiAl)_5$ alloys 71641
Li, Z.P., Suda, S. The inorganic compound coating effect on the durability of $CaNi_5$ electrode 71647
Li, Z.R. *see* Zhang, C. 75295
Li, Z.W. *see* Morrish, A.H. 106506
Li Aihua *see* Aihua Li
Li Aizhen *see* Wu Ying 73707
Li Aizhen *see* Aizhen Li
Li Anli *see* Zhu Shengyun 110632
Li Bai-Lian *see* Bai-Lian Li
Li Bangyi *see* Li Xiaohan 70939
Li Baoxing *see* Guo Qi 70743
Li Biao, Shen Zhenkang, Lan Tao A real-time system for target detection and tracking in IR image sequence 120945

Li Biao, Xiang Xianbi, Xu Ying, Fei Xueying Structure and device characteristic of $Al_xGa_{1-x}As$-GaAs solar cells 112389
Li Biao *see* Biao Li
Li Bihaiy *see* Zhao Dongfeng 118815
Li Bin Decision feedback detection of minimum shift keying 108381
Li Bin, Ho, P. Viterbi algorithm with data-aided phase reference estimation for convolutionally encoded PSK 97455
Li Bin, Ma Yifei Decision-feedback detection of uncoded/coded MPSK 117229
Li Bing *see* Bing Li
Li Bing-Jing *see* Bing-Jing Li
Li Bing-Zong *see* Bing-Zong Li
Li Bingcai *see* Yang Shiyou 102676
Li Bingcheng *see* Bingcheng Li
Li Binghui *see* Binghui Li
Li Bingjun The first generation SDH equipment produced in China: system design and technical solutions 109294
Li Bingzong *see* Bingzong Li
Li Bo Finding efficient solutions for multiobjective decision making 113095
Li Bo *see* Bo Li
Li Boquan *see* Boquan Li
Li Cai *see* Seung-Soo Han 102996
Li Cao *see* Cao Li
Li Changjun *see* Changjun Li
Li Changxi The novel infrared moisture meter 110158
Li Cheng *see* Chen Hongfang 80009
Li Chengfu *see* Gong Hui 106751
Li Chenglin *see* Liu Zhenqing 72997
Li Chengshu *see* Li Chuan 118803
Li Chengshu *see* Yang Lieliang 66376
Li Chi Kwong *see* Chi Kwong Li
Li Chi-Feng *see* Chi-Feng Li
Li Chii Horng *see* Chii Horng Li
Li Chii-Horng *see* Chii-Horng Li
Li Chong *see* Chong Li
Li Chuan, Li Chengshu Performance analysis of M-ary spread spectrum data transmission system based on phase modulating a PN sequence 118803
Li Chuandong, Hu Wentao, Zhou Fuzheng, Lin Lihuang, Zhang Zengquan, Xu Zhizhan TEM_{00} mode, high-repetition rate Q-switching of LD pumped Nd:YVO_4 lasers 75870
Li Chun, Liu Mingye, Wu Cangpu An algorithm based on the maximum utility-ratio of the function units 61562
Li Chunfei *see* Song Yinglin 76103
Li Chunfei *see* Chunfei Li
Li Chung-Lun *see* Chung-Lun Li
Li Chung-Sheng *see* Chung-Sheng Li
Li Chunsheng, Huang Yan, Wang Xuan, Zhou Yinqing A spaceborne SAR imaging processing algorithm using chirp scaling 97824
Li Cong *see* Cong Li
Li Dan *see* Dan Li
Li Dandan *see* Dandan Li
Li Dang, Gao Hongzhi An investigation of a collapse accident in Lhasa power system 80946
Li Dejie *see* Zhang Zhijian 99040
Li Dejie *see* Dejie Li
Li Desheng *see* Xue Zhenghui 97220
Li Desheng *see* Desheng Li
Li Detian *see* Li Wangkui 94160
Li Detian *see* Zhang Dixin 94159
Li Ding *see* Xiukun He 83853
Li Dong *see* Dong Li
Li Dongcang *see* Kong Xiangzhong 69821
Li Donghui *see* Yuan Bin 80792
Li Donghui *see* Donghui Li
Li Dongqi *see* Dongqi Li
Li Du *see* Du Li
Li Dz-Chi *see* Dz-Chi Li
Li Fa-Shen *see* Fa-Shen Li
Li Fahai *see* Qin Zhengqing 112436
Li Fan A grey prediction filter algorithm for manoeuvring target tracking 76964
Li Feiming *see* Feiming Li
Li Feng, Fu Zhengcai, Jiang Xiuchen, Li Fushou Automatic resonance adjustment of multitap arc-suppression coil 81507
Li Feng *see* Song Yinglin 76103
Li Feng *see* Zhang Guowei 79429
Li Feng-Qiang *see* Feng-Qiang Li
Li Fengyin *see* Li Jianjun 63831
Li Fingxuan *see* Fingxuan Li
Li Fu *see* Fu Li
Li Fung Chang, Ariyavisitakul, S. Performance of slow-frequency-hopped TDMA with a hard-limited receiver 78543
Li Fung Chang, Noerpel, A.R., Ranade, A. Performance of personal access communications system-unlicensed B 68087
Li Fung Chang, Noerpel, A.R., Ranade, A. Performance of PACS-UB for unlicensed operation with uplink power control 99190
Li Fung Chang, Sherry, H., Leland, K., Noerpel, A. Overview of PACS: a low-tier US PCS standard 119077
Li Fung Chang *see* Noerpel, A.R. 68088
Li Fung Chang *see* Tsong-Ho Wu 68289
Li Fushou *see* Li Feng 81507
Li Gang *see* Gang Li
Li Gaoxiang, Peng Jinsheng Generation of pure states in a nondegenerate two-photon micromaser 75775
Li Ge, He Duohui, Jia Qika A undulator transformed from optical klystron 69603
Li Gengyin, Chen Zhiye, Ding qiaolin, Wang Xinwei Definition of generalized instantaneous reactive power in dq0 coordinates and its compensation 90950
Li Geping, Xin Jianguo, Wei Guanghui High frequency modulated RF excited waveguide CO_2 laser 96108
Li Gong, Shacham, N. Trade-offs in routing private multicast traffic 87485
Li Gong *see* Deng, R.H. 76765
Li Gong *see* Deng, R.H. 78053
Li Gongping *see* Kong Xiangzhong 69821
Li Gouhua *see* Wakihara, M. 81662
Li Guang Application study on RDT mode with double T & circle lines [electric railway power control] 112557
Li Guangpin *see* Guangpin Li
Li Guangping *see* Guangping Li
Li Guangsheng *see* Zhu Shengyun 110632
Li Gui-Ling, Zhou Zhi-He, Meng Qing-Gang, Wang Jian-Xiu Computer generation of HDTV test patterns 79154
Li Guifang *see* Guifang Li
Li Guo *see* Guo Li
Li Guo-zheng *see* Guo-zheng Li
Li Guohua, Sakuma, K., Ikuta, H., Uchida, T., Wakihara, M., Guo Hetong Synthesis and characterization of LiV_2O_4 as the cathode in secondary lithium batteries 91718
Li Guohui, Wang Cehuan, Zhao Jie, Wang Zhaoguo, Wan Shouke Photoluminescence and activation on SI-GaAs by Si^+ implantation and following rapid thermal annealing 105179
Li Guohui *see* Guohui Li
Li Guoqi *see* Wang Feng 70804
Li Guoqiang *see* Guoqiang Li
Li Guoqing *see* Yu Yixin 111457
Li Guorui *see* He Huajie 65077
Li Guozheng, Liu Yuliang, Liu Enke The effect and application on plasma dispersion of Si 75571
Li Guozheng, Zhao Cezhou, Zheng Yuxiang, Liu Enke Study and manufacture of optical waveguides in BESOI structures 64741
Li Guozheng *see* Gao Yong 75522
Li Guozheng *see* Zhao Cezhou 95758
Li Han *see* Haosheng Fei 116676
Li Han *see* Wenjun Zhang 74122
Li Hong *see* Chen Haijuan 116405
Li Hong *see* Zhang Wenwei 110336
Li Hong-Shuo *see* Hong-Shuo Li
Li Hong-Yi *see* Hong-Yi Li
Li Hongguang *see* Fan Xiaobo 110117
Li Hongjin *see* Huang Zhongzang 112489
Li Hongpu *see* Liu Zhonglin 68023
Li Hongqi *see* Hongqi Li
Li Hongqing *see* Hongqing Li
Li Hongyan *see* Shi Jiawei 75968
Li Hsiang-Ling *see* Hsiang-Ling Li
Li Huan-Bang *see* Huan-Bang Li
Li Huang Huei *see* Huei Li Huang
Li Huangzhang *see* Huangzhang Li
Li Hui, Wang Yumin Bounded distance decoding of 4-constructions 86042
Li Huiling *see* Hua Hui 69820
Li Hung-Jen *see* Hung-Jen Li
Li Jia *see* Jia Li
Li Jian *see* Jian Li
Li Jian-Min *see* Jian-Min Li
Li Jiandong, Li Weiying, Chen Jiamo, Guo Tiyun, Yang Shuren Adaptive self-organizing algorithm and prototype system of HF data communication network 109272
Li Jiang, Peng Qunsheng A new illumination model for scenes containing thin film interference 108559
Li Jiang, Xiang Wancheng The applications of inductive synchroniser in width measurement 110363
Li Jiang *see* Jiang Li
Li Jianjun, Wei Xiwen, Wang Meitian, Li Fengyin, Wang Huayu, Gai Xuemin Numerical analysis of bidirectional negative resistance device 63831
Li Jianlin *see* Jianlin Li
Li Jianmeng *see* Jianmeng Li
Li Jianmin *see* Jianmin Li
Li Jianming, Liu Wenli, Qiu Nanyuan, Lu Honglang Powder sputtering plane thin-film SnO_2-CeO_2 alcohol sensor 110251
Li Jianping A bound dynamic programming for solving reliability redundancy optimization 92338
Li Jianping, Tang Yueli, Liu Shudong, Ban, S., Suzuki, T., Iijima, K., Nakamura, H. Neutron energy response of a modified Andersson-Braun rem counter 120192
Li Jianying *see* Jianying Li
Li Jianyong *see* Jianyong Li
Li Jie-Gu *see* Jie-Gu Li
Li Jie-Xin *see* Jie-Xin Li
Li Jilin, Lin Quanta Application of spread spectrum technology in remote data communication 87833
Li Jin *see* Jin Li
Li Jin-Min *see* Jin-Min Li
Li Jindong *see* Jindong Li
Li Jinfu, Zhang Yikui, Zhang Li Research on SIT high-frequency and high-power resonant inverter 104308
Li Jing *see* Jing Li
Li Jing-Yu *see* Guo De-Kun 118168
Li Jingming *see* Jingming Li
Li Jingwen, Zhou Yinqing, Feng Shizhang Detecting and imaging of moving targets with SAR based on space-time two dimensional signal processing 109708
Li Jingwen *see* Jingwen Li
Li Jingzhen, Liu Songhao Connotation, development and breakthrough for photonics 64587
Li Jinqi *see* Jinqi Li
Li Jinyu *see* Liu Zhanwen 110531
Li Jinzhu *see* Jinzhu Li
Li Jui-Rua *see* Jui-Rua Li
Li Jun *see* Gu Jiahui 69702
Li Jun *see* Guan Anmin 63261
Li Jun *see* Jun Li
Li Jung-Chien *see* Jung-Chien Li
Li Junqi *see* Yuan Tangci 80873
Li Jyh-Ming *see* Jyh-Ming Li
Li Kaicheng *see* Kaicheng Li
Li Kam Wa, P., LiJun Zhu, Pamulapati, J., Cooke, P., Dutta, M. Lateral carrier sweep-out in multi-quantum well optoelectronic devices 63003
Li Kang *see* Kang Li
Li Ke *see* Wang Wei 73094
Li Ke *see* Ke Li
Li Kelan *see* Kelan Li
Li Keyu *see* Keyu Li
Li Kuohsiung *see* Kuohsiung Li
Li Lang-Ru *see* Lang-Ru Li
Li Langru *see* Langru Li
Li Lei *see* Shahadi, A. 96077
Li Lei *see* Tan Huiming 96606
Li Lei-min *see* Lei-min Li
Li Lemin *see* Guo Nan 108796
Li Lemin *see* Li Yiwu 118448
Li Lemin *see* Li Yiwu 119210
Li Lemin *see* Liao Jianxin 117971
Li Lemin *see* Sun Hairong 109004
Li Lemin *see* Sun Hairong 118454
Li Leming *see* Lu Mingquan 117440
Li Li, Ma Songde On the global quadric shape from contour 98268
Li Li, SongDe Ma A linear approach to the 3D reconstruction of high degree planar curves 67138
Li Li *see* Gaiser, P.W. 120790
Li Li *see* Klosterman, D. 113547
Li Li *see* Li Li
Li Lian *see* Lian Li
Li Liben *see* Zhang Xiwen 83790
Li Liben *see* Liben Li
Li Lifang *see* Lifang Li
Li Lifeng *see* Lifeng Li
Li Lihua *see* Xu Qiuxia 83751
Li Lin, Cui Xiang Analysis of 3D nonlinear eddy current problem using the field variable H directly 107779
Li Lin, Cui Xiang, Yuan Jinsha, Cheng Zhiguang A surface impedance method using two scalar magnetic potentials 65700
Li Lin *see* Ichikawa, F. 106664
Li Lin *see* Kislinskii, Yu.V. 84909
Li Lin *see* Lin Li
Li Linan *see* Linan Li
Li Linchuan, Wang Xifan, Wang Xiuli Probabilistic modeling for interconnected power systems based on the equivalent energy function approach 91036
Li Ling *see* Ling Li
Li Linlin *see* Linlin Li
Li Ma *see* Ma Li
Li Man *see* Man Li
Li Maotang, Jiang Jingshan, Wang Jingli, Yu Zhiqiang Radar altimeter return noise signals identification 111122
Li Mien *see* Mien Li
Li Minchun *see* Liu Hua 78658
Li Ming An extended network scheduling model 87710
Li Ming, Tian Honghai, Li Yuhong, Wu Yongshi The omni-automatic design of MIC MESFET amplifiers 62348
Li Ming, Wang Houshu Automatic segmentation of three-dimensional computerized tomograph 101270
Li Ming *see* Windmar, D. 95264
Li Ming *see* Ming Li
Li Ming-Yi *see* Ming-Yi Li
Li Minghua, Wang Jiacang, Xu Kebin, Xu Yuheng, Han Aizhen Study on the holographic storage properties of Ce:Ho:$LiNbO_3$ crystal 75404
Li Minghua *see* Wang Jiachang 75381
Li Minglu *see* Minglu Li
Li Mo *see* Kumarl, S. 61396
Li Naihu *see* Wang Haifeng 91037
Li Naihu *see* Wang Haifeng 91038
Li Naihu *see* Yang Zhixin 91039
Li Nan *see* Nan Li
Li Ning *see* Ning Li
Li Pei *see* Pei Li
Li Peigang *see* Peigang Li
Li Peng *see* Lixin Zhao 94856
Li Ping, Wen Yumei An arbitrarily distributed tactile sensor array using piezoelectric resonator 110126
Li Ping *see* Ping Li
Li Ping-Chung *see* Ping-Chung Li

Li Pinghui *see* Gan Zhongmin 104816
Li Q-Pi *see* Q-Pi Li
Li Qi *see* Wei Zhiyi 75875
Li Qi *see* Qi Li
Li Qian *see* Mitchell, D.B. 82672
Li Qiang *see* Qiang Li
Li Qiao *see* Qiao Li
Li Qihang *see* Qihang Li
Li Qin *see* Qin Li
Li Qing *see* Chen Lingyan 120193
Li Qing *see* Ding Bainan 76061
Li Qing Zhong *see* Ferrero, C. 100339
Li Qingfu *see* Jia Xiaochuan 71244
Li Qingfu *see* Jia Xiaochuan 71341
Li Qiong *see* Qiong Li
Li Qu *see* Qu Li
Li Quan-Fa *see* Quan-Fa Li
Li Qun, Yang Yihan, Li Shakun Development of error compensator for current transformer 121551
Li Qun *see* Qun Li
Li Qun-Qing *see* Qun-Qing Li
Li Qunzhan, He Jianmin Electrified railway feeding system without phase exchange and symmetrical compensation technology 112555
Li Ran *see* Smith, K.S. 81577
Li Ren-Cang *see* Ren-Cang Li
Li Ren-Jun *see* Ren-Jun Li
Li Ronglin, Ni Guangzheng Numerical analysis of 4-arm Archimedian printed spiral antenna 108041
Li Ronglin, Ni Guangzheng, Yu Jihui B-spline finite element method in polar coordinates 107711
Li Ronglin, Ni Guangzheng, Yu Jihui, Jiang Zejia A new numerical technique for calculating current distributions on curved wire antennas — parametric B-spline finite element method 66073
Li Ronglin *see* Chen Haiyong 92647
Li Rui, Xi Lifeng, Lu Zhiqiang, Cai Jianguo Parts definition model based on integrated feature representation 103387
Li Rui *see* Rui Li
Li Ruining *see* Pan Qing 65157
Li Ruo-Ding *see* Ruo-Ding Li
Li Ruomei, Chen Yunping, Guo Jianbo An application of ANN in scheduling pumped-storage 71181
Li Ruzhang *see* Ruzhang Li
Li San-Qi *see* San-Qi Li
Li Sha The application of super-cross-sectional power transmission line in urban power system 91167
Li Shakun *see* Li Qun 121551
Li Shao-Hong *see* Shao-Hong Li
Li Shaohong *see* Sun Hongyan 66609
Li Shaozhong, Xiang Qi, Wang, D., Wang, K.L. Investigation of facet formation and competition in MBE growth 103924
Li Shaozhong *see* Shaozhong Li
Li Shenggang *see* Shenggang Li
Li Shenghong *see* Zhang Yan 108242
Li Shengshu *see* Chuan Chingyi 117932
Li Shenping *see* Shenping Li
Li Shikang *see* Shikang Li
Li Shiyu *see* Jiao Zhixian 81636
Li Shoumei *see* Shoumei Li
Li Shujian *see* Cheng Naiping 95890
Li Shun *see* Wen-Hui Ma 64073
Li Shunge *see* Shunge Li
Li Shurong, Lu Qiang, Sun Yuanzhang On the design of nonlinear optimal excitation controllers for power systems 101915
Li Shurong *see* Zheng Yunguang 84343
Li Shurong *see* Shurong Li
Li Shuyin *see* Wu Liying 79560
Li Shuying *see* Ma Jin 105171
Li Sichao *see* Lu Shanwei 76631
Li Sikun, Wang Hong HDBE: an efficient algorithm towards global optimizing 61539
Li Song, Ruikang Yang, Saarinen, I., Gabbouj, M. Use of fractals and median type filters in color texture segmentation 117780
Li Sun, Yan-Feng Chen, Wen-Hui Ma, Lian-Wei Wang, Tao Yu, Ming-Sheng Zhang, Nai-Ben Ming Evidence of ferroelectricity weakening in the polycrystalline $PbTiO_3$ thin films 75027
Li Sun *see* Tao Yu 115410
Li Sun *see* Sun Li
Li Ta-Hsin *see* Ta-Hsin Li
Li Tang *see* Laughlin, D.E. 115604
Li Tang *see* Yingjian Chen 115584
Li Tang Ling *see* Tang Ling Li
Li Tao *see* Tao Li
Li Tian-Ying *see* Tian-Ying Li
Li Tiejun *see* Liu Jinru 116344
Li Tingye *see* Tingye Li
Li Tong *see* Tong Li
Li Tze Fen *see* Tze Fen Li
Li Wang *see* Xizhi Li 79407
Li Wangkui, Zhang Dixin, Liu Qiang, Lu Shiliang, Li Detian, Meng Yang A gas flow standard apparatus 94160
Li Wangkui *see* Zhang Dixin 94159
Li Wanhao *see* Wanhao Li
Li Wanying *see* Wanying Li
Li Wei, Kagi, H., Wakatsuki, M. A two-stage method for growing large single crystals of diamond with high quality 61139
Li Wei, Lit, J.W.Y. Three-coupler double-ring fiber resonator for lasers 76075
Li Wei *see* Gu Xiaofeng 75599
Li Wei *see* Wei Li
Li Wei-liang *see* Wei-liang Li
Li Weiguo *see* Rong Gang 120206
Li Weijing *see* Weijing Li
Li Weining *see* Xu Qiuxia 83751
Li Weitang *see* Weitang Li
Li Weiying *see* Li Jiandong 109272
Li Weiying *see* Weiying Li
Li Wen-Ping *see* Zhu Guo-Hong 80215
Li Wenbo *see* Lin Jiming 118766
Li Wenju *see* Wenju Li
Li Wenming *see* Yang Yukan 103857
Li Wenquin *see* Zhou Wenzhen 107033
Li Wu *see* Wu Li
Li Wuhong *see* Wuhong Li
Li Xi *see* Xi Li
Li Xiang *see* Xiang Li
Li Xiangmin, Hou Xun The electron transport in silver film of Ag/p-InP transferred-electron photocathode 104997
Li Xiangmin, Hou Xun, Cheng Jun, Wang Cunrang Use of a silver tube to admit oxygen to a high vacuum activation system 62540
Li Xiangpeng *see* Xiangpeng Li
Li Xianjin *see* Xianjin Li
Li Xiao-Di *see* Xiao-Di Li
Li Xiao-Yu *see* Xiao-Yu Li
Li Xiaobo *see* Xiaobo Li
Li Xiaoguang *see* Xiaoguang Li
Li Xiaohan, Li Bangyi, Xu Naiguan Nonlinear component identification of dampers [of power lines] 70939
Li Xiaohong *see* Xiaohong Li
Li Xiaohui *see* Xiaohui Li
Li Xiaolei *see* Polyakov, A.Y. 83905
Li Xiaolei *see* Polyakov, A.Y. 92843
Li Xiaoming *see* Xiaoming Li
Li Xiaonan *see* Xiaonan Li
Li Xiaoqian, Jiang Xifan, Xue Bingyuan Synthetic neural network based method for diagnosing multi-complex abnormalities in machining operation 92331
Li Xiaoqin *see* Xiaoqin Li
Li Xiaowen *see* Zhang Tianxu 117838
Li Xide, Wu Xiaoping Whole field information reconstruction of double-exposure speckle field with fast Fourier transform 67193
Li Xie *see* Xie Li
Li Xin *see* Xin Li
Li Xing *see* Xing Li
Li Xing Ming, Hu Jian Dong, Zhang Ping CDMA communication system with trellis coding and orthogonal signaling 118816
Li Xing-Hui *see* Xing-Hui Li
Li Xingming, Hu Jiandong Performance analysis of TCM orthogonal sequences spread spectrum multiple-access communication system 108797
Li Xingyuan *see* Liu Huanliu 121232
Li Xingyuan *see* Qiu Xiaoyan 111455
Li Xinran *see* Yu Yongynan 121072
Li Xinyou *see* Xinyou Li
Li Xinyuan, Song Yonghua, Liu Junyong, Fu Ying, Zeng Min Post-fault voltage security assessment of complex power systems based on ANN 90924
Li Xiong *see* Sun Yuanzhang 80911
Li Xiong *see* Sun Yuanzhang 80928
Li Xiong *see* Sun Yuanzhang 80941
Li Xipu *see* Xipu Li
Li Xiuguo *see* Xiuguo Li
Li Xiujun *see* Xiujun Li
Li Xizhi *see* Xizhi Li
Li Xue *see* Xue Li
Li Xue Mei *see* Xue Mei Li
Li Xuening, Tang Maocheng, Li Zhaoji, Li Yuan, Liu Yushu The investigation of triple diffusion process for MOS-controlled thyristor 105928
Li Xuewen *see* Zhu Wenyong 100147
Li Xun *see* Chen Genxiang 113355
Li Xunchun *see* Xunchun Li
Li Xuyang *see* Xuyang Li
Li Yan *see* Tang Renyuan 71283
Li Yan *see* Tang Renyuan 71394
Li Yan *see* Yang Shiyou 102676
Li Yan *see* Yan Li
Li Yan Ming *see* Yan Ming Li
Li Yan-Da *see* Yan-Da Li
Li Yanbing *see* Shen Dinggang 98088
Li Yanda *see* Wang Zhe 108240
Li Yanda *see* Xiao Chuangbai 97823
Li Yanda *see* Yanda Li
Li Yang *see* Yang Li
Li Yangxian, Ju Yulin, Liu Caichi, Xu Yuesheng, Wang Hongmei Inhibition of neutron irradiation on oxidation stacking faults on the surface of Si wafers 62688
Li Yangxian *see* Yangxian Li
Li Yanhe *see* Jiang Jianping 84505
Li Yanjin *see* Wang Zhengqui 79663
Li Yao *see* Zheng Xingshi 65049
Li Yao *see* Yao Li
Li Yaojing *see* Zhao Cezhou 95758
Li Ye *see* Ye Li
Li Yeat Chen, Juh Tzeng Lue Modulation effect on a perturbed sine-Gordon system with a long overlap Josephson junction 64544
Li Yefan *see* Jia Yirong 64834
Li Yi, Weng Shilie, Zhang Bainian Runge Kutta asynchronous parallel algorithm for numerical solution of ordinary differential equations and its implementation on multi-transputers system 82542
Li Yihau *see* Lin Xiaokang 117955
Li Yimin, Zhang Liang, Tang Junxiong, Wang Qingji Study of linked Faraday anomalous dispersion optical filter 95938
Li Yimin *see* Bao Zhongxing 105209
Li Yiming *see* Xu Wen 81378
Li Yin-Xiu *see* Yin-Xiu Li
Li Ying *see* Gou Yaxiong 95805
Li Ying *see* Ying Li
Li Ying-Xue *see* Scarinci, F. 113321
Li Yingchun *see* Yingchun Li
Li Yingjie *see* Yingjie Li
Li Yingjun *see* Wu Shunjun 88662
Li Yingxue *see* Wei Liqiong 61800
Li Yiqun *see* Yiqun Li
Li Yiwu, Li Lemin A new WDM random access control protocol in LAN 118448
Li Yiwu, Li Lemin WDM multi-access protocol with optical switch and optical shift register 119210
Li Yong, Qin Ting-Kai A study of stop-band characteristics of microwave wideband band-pass filters 62214
Li Yong, Zhou Zhao-Ying, Ye Xiong-Ying An overview of research on microvalves and micropumps 74865
Li Yong *see* Lu Xiguan 82544
Li Yong *see* Wang Shikui 93475
Li Yong *see* Yong Li
Li Yongan Financing strategy for the Three Gorges project 71166
Li Yongli, He Jiali, Duan Yuqian Application of neural network to microprocessor-based transformer protective relaying 81518
Li Yongli *see* Chen Chaoying 121097
Li Yongming *see* Yongming Li
Li Yongping, Fang Jianguo Real-time program design of spectrum stabilization for the computerized nuclear logging instruments 70447
Li Yongzhuang *see* Liu Zhaoxu 121047
Li Yongzhuang *see* Yongzhuang Li
Li Youli *see* Youli Li
Li Youlin *see* Youlin Li
Li Yu, Salt, J.E. A hybrid spreading/despreading function with good SNR performance for band-limited DS-CDMA 119017
Li Yu *see* Yu Li
Li Yu-Dong, Sun Hong-Bo, Dong Yi, Zeng Qing-Ming, Cai Ke-Li, Wang Yi-Ding, Liu Shi-Yong Fabrication of monolithic integration of 1.55 μm QW laser and HBT 107022
Li Yu-Dong *see* Sun Hong-Bo 107261
Li Yu-lin *see* Chen Bin 118249
Li Yu-Lin *see* Yu-Lin Li
Li Yuan *see* Li Xuening 105928
Li Yuan *see* Takaya, K. 80319
Li Yuan Xing *see* Yuan Xing Li
Li Yuan-Min *see* Yuan-Min Li
Li Yucui *see* Yucui Li
Li Yudong *see* Sun Hongo 65263
Li Yue *see* Yue Li
Li Yuejin, Zhu Zuoyun, Wang Wenxing Research on the silicon piezoresistive micro-differential pressure transducer made by micromachining 88964
Li Yuelin *see* Yuelin Li
Li Yufeng *see* Wang Mingli 95935
Li Yufeng *see* Yufeng Li
Li Yuhong *see* Li Ming 62348
Li Yunping *see* Xu Zhengshan 111695
Li Yuying *see* Yuying Li
Li Yuzhen *see* Wang Je 81946
Li Zai-Guang *see* Zai-Guang Li
Li Zaiguang *see* Long Quan 85354
Li Zaiguang *see* Wang Xinbing 106842
Li Zaiguang *see* Xu Qiyang 120830
Li Ze-Nian *see* Ze-Nian Li
Li Zenghai *see* Zenghai Li
Li Zhaiguang *see* Liu Zhonglin 68023
Li Zhang *see* Sakai, T. 64917
Li Zhang *see* Wei-Dong Liu 106034
Li Zhang *see* Zhang Li
Li Zhao, Cangellaris, A. A parasite-free non-orthogonal finite-difference frequency-domain method for the electromagnetic analysis of anisotropic waveguides 97282
Li Zhao, Cangellaris, A.C. A general approach for the development of unsplit-field time-domain implementations of perfectly matched layers for FDTD grid truncation 61047
Li Zhaoji *see* Li Xuening 105928
Li Zhaoji *see* Wang Xing 63649
Li Zhen, Longya Xu On-line fuzzy tuning of indirect field oriented induction machine drives 71746
Li Zhen *see* Zhen Li
Li Zhen-Hua *see* Xie Sen 79307
Li Zhen-Yuan The automated test system of cold parameters of the microwave tubes in mm- or cm-wave band 62616
Li Zhenbiao, Chen Qingsong A theoretical research on electrical resistivity of composite contact materials 83564
Li Zheng *see* Zheng Li
Li Zhengfan *see* Mao Junfa 107963
Li Zhenghui *see* Zhenghui Li
Li Zhengmao, Lu Bing, Lu Fan The estimation of a CDMA personal system with feedback power control 68226
Li Zhengmao *see* Zhengmao Li
Li Zheshen *see* Zheshen Li
Li Zhi-Jian *see* Zhi-Jian Li
Li Zhi-Yong *see* Zhi-Yong Li

Li Zhifeng *see* Wu Wei 105535
Li Zhifeng *see* Zhifeng Li
Li Zhihong, Gu Ye, Wu Guoying, Wang Yangyuan Improved independent failure unit model for electromigration 84537
Li Zhijian *see* Zhijian Li
Li Zhijie *see* Zhou Wenzhen 107033
Li Zhiqun *see* Zhiqun Li
Li Zhitang *see* Zhang Zhengxian 75926
Li Zhitang *see* Zhang Zhengxian 119212
Li Zhongcheng *see* Zhongcheng Li
Li Zhonghao *see* Wang Haibin 116693
Li Zhongping *see* Zhang Qixin 80688
Li Zhongrun *see* Yang Zongquan 95444
Li Zhou *see* Ounadjela, K. 64352
Li Zhou *see* Zhou Li
Li Zhu *see* Shin-Hsing Chang 119786
Li Zhu *see* Wang Zhongyu 79209
Li Zi-Cai *see* Zi-Cai Li
Li Zili *see* Zili Li
Li Ziyuan *see* Shen Wenzhong 115243
Li Zongjie *see* Zhang Tianxu 86945
Li Zongtong *see* Lu Jianwei 120930
Li Zuofa *see* Zuofa Li
Li Zuyu, Jin Genming, He Zhiyong, Duan Limin, Wu Heyu, Qi Yujin, Luo Qingzheng, Zhang Baoguo, Wen Wanxin, Dai Guangxi A BGO detector array and its application in intermediate energy heavy ion experiments 69773
Li-an Tang, Huang, T.S. Face recognition using synthesized intermediate views 97967
Li-Cheng-Jun Sealing the shaft [pumped storage plant] 102517
Li-Chun Wang *see* Tzi-Cker Chiueh 97470
Li-Chung Wei *see* Ching-Shen Su 69158
Li-de Wu *see* Xue-bin Liang 87043
Li-Der Chou, Wu, J.-L.C. Buffer management using genetic algorithms and neural networks 77672
Li-Der Chou *see* Wu, J.-L.C. 87489
Li-Der Jeng *see* Su, Y.T. 99085
Li-Feng Young *see* Hung-Jen Li 81136
Li-Hong Xu, Lees, R.M. FIR laser spectroscopy for CH_3OH pumped with the new Boulder CO_2 laser 75791
Li-Hong Xu, Lees, R.M., Moruzzi, G. Automated wavenumber determination for diode laser spectra 75933
Li-Hong Xu *see* Predoi, A. 65025
Li-Hsin Chang, Cowden, W.G., Christiansen, J., Werho, D., Theodore, N.D. Is Ti contamination in Si wafer processing an issue 94650
Li-Jun Lu Prefocusing optics for soft-X-ray synchrotron-radiation monochromators 100998
Li-Lien Lee, Laughlin, D.E., Lambeth, D.N. Seed layer induced (002) crystallographic texture in NiAl underlayers 64436
Li-Lien Lee *see* Laughlin, D.E. 115604
Li-Pen Yuan, Chin-Chi Teng, Sung-Mo Kang Nonparametric estimation of average power dissipation in CMOS VLSI circuits 113821
Li-Qun Gu, Chun-Ping Zhang, An-Fu Niu, Jia Li, Guang-Yin Zhang, Yong-Mei Wang, Ming-Rong Tong, Ji-Lun Pan, Wang Song, Q., Parsons, B., Birge, R.R. Bacteriorhodopsin based photonic logic gate and its applications to grey level image subtraction 106903
Li-Ran Wu, Ho, E. TMN communication protocols and performance evaluation 108937
Li-Rong Jin *see* Jin Li-Rong
Li-Siang Lee *see* Vasseghi, N. 73439
Li-Tsung Lu A historical review and the prospects of Taipower's power development 101815
Li-Wei Fong *see* Pan-Chio Tuan 90904
Li-Wei Wang *see* Lee, C.L. 109916
Li-Wei Zhou *see* Zhao-Heng Weng 95884
Li-Wen Chen *see* Hung-Jen Chu 60809
Li-Wu Yang *see* Kirtania, A.K. 63584
Li-Yan Zhu *see* Yen Fu 115730
Li-Zhong Hu *see* Hu Li-Zhong
Lia, D. Adding "mixed-signal" to in-circuit testing 62444
Lian, R.-J. *see* Huang, S.-J. 112002
Lian, Y.-T. *see* Chen, Y.-H. 97864
Lian Choong Poh *see* Poh Lian Choong
Lian Eng Aik *see* Eng Aik Lian
Lian Jian-Ao *see* Jian-Ao Lian
Lian Li, Chittibabu, K.G., Chen, Z., Chen, J.I., Marturunkakul, S., Kumar, J., Tripathy, S.K. Photorefractive effect in a conjugated polymer based material 65474
Lian Shy-Ming *see* Shy-Ming Lian
Lian Ying Wu *see* Ying Wu Lian
Lian Zhu *see* Zhu Lian
Lian-Je Shi *see* Tao Yu 115410
Lian-Jyi Lin *see* Yuan-Sun Chu 119426
Lian-Kuan Chen *see* Chun-Kit Chan 78738
Lian-Kuan Chen *see* Chun-Kit Chan 78951
Lian-Kuan Chen *see* Chun-Kit Chan 88850
Lian-Kuan Chen *see* Chun-Kit Chan 118705
Lian-Kuan Chen *see* Jian-Guo Zhang 78954
Lian-Kuan Chen *see* Yong-Hong Wang 118450
Lian-Wei Wang *see* Li Sun 75027
Lianbo Zhang *see* Jin Zhang 84546
Liancheng Wang, Girgis, A.A. On-line detection of power system small disturbance voltage instability 101731
Liancheng Wang, Girgis, A.A., Edris, A.-A. Nonlinear controller design for thyristor controlled series compensation to enhance power system transient stability 91099
Liang, C. *see* Kazimi, R. 100584
Liang, C. *see* Zhaug, W.-M. 117095
Liang, C.-T., Smith, C.G., Mace, D.R., Nicholls, J.T., Frost, J.E.F., Simmons, M.Y., Hamilton, A.R., Ritchie, D.A., Pepper, M. Measurements of a composite fermion split-gate 106099
Liang, C.-T. *see* Frost, J.E.F. 62934
Liang, D.T.W. *see* Watthanasarn, C. 121763
Liang, G. *see* Bertoni, H.L. 68162
Liang, G. *see* Bertoni, H.L. 118857
Liang, G. *see* Sands, N.P. 73578
Liang, G. *see* Teodorescu, R. 95546
Liang, G.-C. *see* Dawei Zhang 62205
Liang, G.C. *see* Hampel, G. 83343
Liang, J., Jensen, F.V., Christensen, H.I. A framework for generic object recognition with Bayesian networks 97957
Liang, J. *see* Dilmanian, F.A. 90434
Liang, J.Y. *see* Jaro, G. 104354
Liang, K.-C., Li, J., Kuo, C.-C.J. Image compression with embedded multiwavelet coding 87166
Liang, K.K. *see* Hayman, A.J. 120928
Liang, L.-S. *see* Yang, Y.-S. 98793
Liang, M.C., Chuang, C.W., Pathak, P.H. A generalized uniform geometrical theory of diffraction ray solution for the diffraction by a wedge with convex faces 97065
Liang, M.S. *see* Shyh-Chyi Wong 115336
Liang, R.-H., Hsu, Y.-Y. Short-term hydro-scheduling using Hopfield neural network 71178
Liang, S. *see* Fallah-Adl, H. 77463
Liang, S.-L., Bourgeois, A. New technique for beam steering in reflector-array antenna systems 66127
Liang, S.-L. *see* Whalen, D.J. 88431
Liang, T.-X., Sun, W.Z., Wang, L.-D., Wang, Y.H., Li, H.-D. Effect of surface energies on screen printing resolution 62495
Liang, W.Y. *see* Ashworth, S.P. 64507
Liang, W.Y. *see* Ciszek, M. 75312
Liang, X.Q. *see* Batra, R.C. 92975
Liang, Y. *see* Cao, X.D. 95906
Liang, Y.C., Chyanbin Hwu Electromechanical analysis of defects in piezoelectric materials 82779
Liang, Y.C. *see* Haiqing Yang 121977
Liang, Y.L. *see* Liu, W.L. 75141
Liang, Y.L. *see* Ma, B.M. 115507
Liang, Y.L. *see* Scott, D.W. 64251
Liang, Y.L. *see* Scott, D.W. 64312
Liang Bing *see* Shen Baogen 64476
Liang Chang-Hong *see* Chang-Hong Liang
Liang Changhong *see* Liu Jinsong 85819
Liang Chen *see* Venkat, K. 61993
Liang Chen *see* Chen Liang
Liang Chia-Wen *see* Chia-Wen Liang
Liang Chung Yueh *see* Yueh Liang Chung
Liang Chung-Hsien *see* Chung-Hsien Liang
Liang Chunlin *see* Chunlin Liang
Liang Diannong *see* Qiu Lijun 119280
Liang Guo-Chun *see* Guo-Chun Liang
Liang Haifan *see* Haifan Liang
Liang Han, Ke Wu, Bosisio, R.G. An integrated transition of microstrip to nonradiative dielectric waveguide for microwave and millimeter-wave circuits 93856
Liang Han *see* Ke Wu 83470
Liang Han *see* Ke Wu 93933
Liang Hancheng *see* Hancheng Liang
Liang Hong *see* Cheng Muhua 70239
Liang Hong *see* Hong Liang
Liang Honglin *see* Yao Ying 96002
Liang Hongling *see* Zheng Weijian 96001
Liang Huilai *see* Huilai Liang
Liang Jia Yi *see* Jia Yi Liang
Liang Jia-Qi *see* Jia-Qi Liang
Liang Jiachang *see* Jiachang Liang
Liang Jiang *see* Shurong Li 94914
Liang Jianxong *see* Sun Li 112455
Liang Jiben *see* Lu Liwu 115244
Liang Jiben *see* Wu Ying 73707
Liang Jie *see* Jie Liang
Liang Jing-Tong *see* Jing-Tong Liang
Liang Jingkui *see* Wang Cong 75309
Liang Jisheng *see* Jisheng Liang
Liang Jun-Wu *see* Wei Ya-Dong 84086
Liang Junwu *see* Jin Xiaojun 103846
Liang Junwu *see* Junwu Liang
Liang Liao *see* Meneghini, R. 111203
Liang Liao *see* Meneghini, R. 120749
Liang Lizhen *see* Fu Sijing 64721
Liang Lizhen *see* Fu Sijing 64722
Liang Minhua *see* Minhua Liang
Liang Mong-Song *see* Mong-Song Liang
Liang Qi-Lian *see* Qi-Lian Liang
Liang Qilian, Zhou Zheng, Liu Zemin Blind equalization using a hybrid algorithm of multilayer neural network 108739
Liang Qinglong *see* Qinglong Liang
Liang Qu *see* Qu Liang
Liang Ruobiao *see* Zhao Jian 69573
Liang Shi-Dong *see* Shi-Dong Liang
Liang Shunlin *see* Shunlin Liang
Liang Sun Zhong *see* Zhong Liang Sun
Liang TaChen *see* TaChen Liang
Liang Tang, Zhirong Wu, Huangzhang Li, Dexin Nie Location of partial discharges in power transformers using computer-aided acoustic techniques 121542
Liang Tao, Lai Yi Yi An effective anti-interference mobile radio communication system 118952
Liang Te-Shen *see* Te-Shen Liang
Liang Tian-Chyi *see* Tian-Chyi Liang
Liang Tien Chia *see* Bu Sung Lee 118509
Liang Wei *see* Ding Xunliang 69906
Liang Wenbao, Huang Kaibang, Chu Renxin, Han Dedong Dynamically imitating thermal relay to achieve over-current microcomputer protection 104587
Liang Wenchao *see* Wenchao Liang
Liang Xionglian *see* Xionglian Liang
Liang Xu *see* Xu Liang
Liang Xue-bin *see* Xue-bin Liang
Liang Yao *see* Yao Liang
Liang Yin *see* Yang Shiyou 111923
Liang Yun *see* Yun Liang
Liang Yung Chii *see* Yang Haiqing 71759
Liang Yung Chii *see* Yang Haiqing 112452
Liang Zhang *see* Zhang Liang
Liang Zhao *see* Zhao Liang
Liang Zhengrong *see* Zhengrong Liang
Liang Zhi-Pei *see* Zhi-Pei Liang
Liang Zhong *see* Zhong Liang
Liang-Chih Su *see* Khachab, N.I. 83203
Liang-Fu Chen, Tseung-Yuen Tseng Grain-boundary surface states of $(Ba,Pb)TiO_3$ positive temperature coefficient ceramics doped with different additives and its influence on electrical properties 104178
Liang-Gee Chen *see* Chung-Wei Ku 108986
Liang-Gee Chen *see* Hsu-Tung Chen 109162
Liang-Gee Chen *see* Po-Cheng Wu 97902
Liang-Gee Chen *see* Yeong-Kang Lai 104582
Liang-Min Wang, Shung, K.K. Adaptive pattern correlation for two-dimensional blood flow measurements 110677
Liang-Mo Mei *see* Mei Liang-Mo
Liang-Ping Ku, Hon Wai Leong Optimum partitioning of a rectilinear layout 93073
Liang-Po Chen *see* Hsiao-Yi Lin 115212
Liang-Po Chen *see* Huang-Chung Cheng 84163
Liang-Seng Koh, Liu, M.T. A wireless multiple access control protocol for voice-data integration 87375
Liang-Wey Chang *see* Yu-Chin Tsui 69968
Liang-Yao Chen *see* Shi-Ming Zhou 84811
Liang-Ying Liu, Jhing-Fa Wang, Ruey-Jen Wang, Jau-Yien Lee On the concurrent update and generation of the dynamic Huffman code 97478
Liang-Yu Chen *see* Hunter, G.W. 110273
Liang-Yuh Chen *see* Hofmann, W. 73959
Liang-Yuh Chen *see* Huang, X.T. 74605
Liangchi Hsu, Rao, K.R. Scalable HDTV coding with motion-compensated subband and transform coding 79161
Liangeng Ban *see* Ban Liangeng
Liangjun Weng *see* Weng Liangjun
Liangkung Lin, Redinbo, G.R. Efficient fault protection of block gradient-based adaptive filters 83233
Liangmin Zhang, Zongshu Shao, Jingwen Zhang, Jun Chen, Xiaodong Mu, Jianren Lu, Huanchu Chen, Minhua Jiang Threshold behaviour and phase conjugation in an arch mutually pumped phase-conjugate mirror 107572
Liangsheng Liao *see* Liao Liangsheng
Liangsheng Qu *see* Huiyang Zhou 82404
Liangsheng Wang *see* Wang Liangsheng
Liangui Wang *see* Wang Liangui
Liangyan Sun *see* Sun Liangyan
Liangyao Chen *see* Zhiping He 114866
Liangying Zhang *see* Qing Kang 69181
Liangying Zhang *see* Qingchun Zhao 85694
Liangying Zhang *see* Zhang Liangying
Liangyong Xiao *see* Xiao Liangyong
Liangyu Gao *see* Gao Liangyu
Liangzhu Zhou *see* Zhou Liangzhu
Lianjun Liu, Phua, J. Study of plasma induced thin oxide damage during AlSiCu etch 105646
Lianke Sun *see* Qingpu Wang 85408
Lianke Sun *see* Qingpu Wang 96220
Lianke Sun *see* Shengzhi Zhao 96221
Lianke Sun *see* Sun Lianke
Liankui Sun *see* Sun Liankui
Lianna He, Honda, N., Ouchi, K., Shun-Ichi Iwasaki A novel data servo method 115793
Liansheng Wang *see* Coates, R.F.W. 68539
Liansheng Xia *see* Xia Liansheng
Liansheng Xie *see* Kosonocky, W.F. 79546
Lianwai Wang *see* Chenglu Lin 84022
Lianwei Wang, Chenglu Lin, Qinwo Shen, Rushan Ni, Xiangdong Chen, Shichang Zou, Ostling, M. Growth mechanism of β-$FeSi_2$ by reactive deposition epitaxy 82667
Lianxi Zheng *see* Maosheng Hao 103831
Lianxiang Yang *see* Steinchen, W. 72994
Lianxiang Yang *see* Yang Lianxiang
Lianza, T. Techniques and applications for high-quality, low-cost, embedded, color measurement of CRTs 69397
Liao, B., Massee, P. Monte Carlo simulation and reliability analysis of auxiliary electric systems 101743
Liao, C.-N. *see* Yeo, I.-S. 114999 ·
Liao, C.-W. *see* Pi-Tung Chen 98025
Liao, C.H. *see* Wang, T.K. 100807
Liao, C.L., Huang, J.Y., Chang, C.J., Whang, W.T. Nonlinear optical properties and poling dynamics of a side-chain polymeric film 76223

Liao, C.N. *see* Ho, P.S. 63472
Liao, C.N. *see* Ho, P.S. 84234
Liao, C.P. *see* Ying, T.F. 71373
Liao, G., Bao, Z., Zhang, Y. Doppler pre-filtering based adaptive array processing in airborne radars 68654
Liao, H.-E. *see* Chen, W.S. 108460
Liao, H.-Y.M. *see* Gwo-Jong Yu 108515
Liao, H.-Y.M. *see* Hung, H.-L. 86915
Liao, H.B., Xiao, R.F., Yu, P., Wong, G.K.L., Zheng, J.Q. Preparation of crystalline beta barium borate (β-BaB_2O_4) thin films by opposed-targets magnetron sputtering 92849
Liao, H.B. *see* Xiao, R.F. 113491
Liao, H.H. *see* Chuang, Z.M. 116518
Liao, H.H. *see* Wang, M.C. 65197
Liao, J. *see* Chung-Yi Lee 85971
Liao, J.-M. *see* Cherukuri, N. 103459
Liao, M. *see* Chin-Kun Wang 105731
Liao, P. *see* Tsai, H.S. 73643
Liao, R.-F., Leon-Garcia, A. Fault tolerant design of Batcher-banyan class ATM switches 67529
Liao, R.H. *see* Sun, T.P. 115245
Liao, S. *see* Ching-Ray Chang 115569
Liao, S.Y. *see* Liou, Y. 75200
Liao, S.Y. *see* Yao, Y.D. 113378
Liao, T.S. *see* Chen, Y.F. 116454
Liao, W.H., Wang, K.W. Synthesis and control of active constrained layers with enhanced boundary actions 104190
Liao, Y., Xu, L., Zhen, L. Design of a doubly fed reluctance motor for adjustable-speed drives 112464
Liao, Y.-F., Chen, W.-Y., Chen, S.-H. Isolated 408 Mandarin base-syllables recognition using hierarchical recurrent neural networks 97632
Liao, Y.-F. *see* Chen, S.-H. 97631
Liao, Y.-P., Lu, R.-C., Yang, C.-H., Wang, W.-S. Passive Ni:$LiNbO_3$ polarisation splitter at 1.3 µm wavelength 64769
Liao Been-Hwang *see* Been-Hwang Liao
Liao Chang-jun *see* Liu Jun-min 85662
Liao Changjun *see* Changjun Liao
Liao Ching *see* Ching Liao
Liao Chun-Lin *see* Chun-Lin Liao
Liao Fu Jiang *see* Fu Jiang Liao
Liao Hong-Yuan Mark *see* Hong-Yuan Mark Liao
Liao Jianxin, Li Lemin, Sun Hairong The influence of burstiness and correlation of traffic on an ATM multiplexer 117971
Liao Liang *see* Liang Liao
Liao Liangsheng, Bao Ximao, Min Naiben Thermal stability of blue emission from porous β-SiC formed on crystalline Si by C^+ implantation 83791
Liao Peihong *see* Cheng Haozhong 80788
Liao Qiwei, Fan Xiwu, Wang Zhangguo Optical studies of ZnSe-ZnS stain layer superlattices grown on sapphire by MOVPE 74410
Liao Riping, Guo Zixiang, Feng Suochun A blind equalizer based on nonlinear dynamics neural networks 117931
Liao Wangcai, Hu Guangshu, Yang Fusheng Analysis of complexity and fractal dimension of heart rate variability 110841
Liao Wanjiun *see* Wanjiun Liao
Liao Wen-Hung *see* Wen-Hung Liao
Liao Wen-Pin *see* Wen-Pin Liao
Liao Wen-Shiang *see* Wen-Shiang Liao
Liao Xianbo *see* Xianbo Liao
Liao Xiangguang *see* Wang Changliang 78032
Liao Yanbiao *see* Wang Xiangyang 79481
Liao Yanbiao *see* Yanbiao Liao
Liao Yu-Hung *see* Yu-Hung Liao
Liao Yuefeng *see* Yuefeng Liao
Liao Yun-Hsin *see* Yun-Hsin Liao
Liao Yuyun *see* Yuyun Liao
Liatard, B. *see* Rebizant, C. 119641
Liatsis, P., Goulermas, Y.J.P. Minimal optimal topologies for invariant higher-order neural architectures using genetic algorithms 67156
Liau, T.C., Tsai, W.K. Orthogonal LMS algorithms for fast line echo canceller training 108263
Liau, Z.L. *see* Aull, B.F. 67219
Liaw, A.M.C. *see* Chao, T.S. 106028
Liaw, C.M., Jan, L.C., Wu, W.C., Chiang, S.J. Operation control of paralleled three-phase battery energy storage system 102529
Liaw, H.M. *see* Carlotti, G. 106329
Liaw, J.-W. *see* Wang, J.-S. 95703
Liaw, J.S. *see* Chern, M.Y. 95362
Liaw, J.W. *see* Liaw, S.K. 116412
Liaw, J.W. *see* Liaw, S.K. 119237
Liaw, S.K., Chen, Y.K., Yang, H.Y., Tzeng, C.L., Liaw, J.W. Passive gain equalization of erbium-doped fiber amplifier using samarium-doped fiber for multiwavelength transmission 119237
Liaw, S.K., Wang, A.C.L., Liaw, J.W., Chi, S. A self-frequency-locked multi-wavelength erbium-doped fibre ring laser 116412
Liaw Jy-Wang *see* Jy-Wang Liaw
Liaw Lih-Huei *see* Lih-Huei Liaw
Liaw Ruey-Tzer *see* Ruey-Tzer Liaw
Liaw Shien-Kuei *see* Shien-Kuei Liaw
Libano, F.B., Simonetti, D.S.L., Uceda, J. Frequency characteristics of hybrid filter systems 120991
Libault, D. *see* Lagniel, J.-M. 90015
Libello, L.F. *see* Wieting, T.J. 79676
Liben Li *see* Yang, D. 94234
Liben Li *see* Li Liben
Libera, M. *see* Davidson, B.A. 75355
Liberali, V., Maloberti, F., Regini, A. Electro-optical device models for electrical simulators 64815
Liberali, V. *see* Armaroli, D. 93187
Liberali, V. *see* Caiulo, G. 93511
Liberali, V. *see* Francesconi, F. 93516
Liberali, V. *see* Mir, S. 93608
Liberali, V. *see* Richardson, A. 93607
Liberant, L.M. *see* Belogorokhov, A.I. 74189
Liberis, S. *see* Aninkevicius, V. 63084
Liberman, B., Grankov, A., Milshin, A., Golovachev, S., Vishniakov, V. Experimental study of fire risk by means of passive microwave and infrared remote sensing methods 120883
Liberman, B., Milshin, A. Accuracy of soil moisture determination by means of passive microwave remote sensing method. Modeling and experiments 120870
Liberman, V.G. *see* Ovsyuk, V.N. 64931
Liberman, V.I. *see* Varavin, V.S. 75685
Libert, G. *see* Cheron, G. 70108
Libert, R. *see* Kwan, T. 73482
Liberti, J.C., Rappaport, T.S. Accurate techniques to evaluate CDMA bit error rates in multipath channels with imperfect power control 88153
Liberti, J.C., Rappaport, T.S. Analysis of CDMA cellular radio systems employing adaptive antennas in multipath environments 109544
Liberti, J.C., Rappaport, T.S. A geometrically based model for line-of-sight multipath radio channels 116881
Libertino, S. *see* Priolo, F. 114898
Liberto, S.Di *see* Di Liberto, S.
Liberts, G. *see* Vaivars, G. 119776
Libeyre, P., Bertrand, B., Decool, P., Turck, B., Komarek, P., Maurer, W., Ulbricht, A., Zahn, G., Spadoni, M., Salpietro, E. Conceptual design of the ITER TF model coil 95518
Libing Du *see* Du Libing
Libing Yang *see* Yang Libing
Libing Zhang, Coffer, J.L., DaXue Xu, Pinizzotto, R.F. Surface modification of porous silicon by aluminum isopropoxide and its impact on electroluminescence 63283
Libkind, M.A. *see* Yamamoto, R.M. 90187
Libman, I.M. *see* Aaron, D.J. 101044
Libman, P.C. *see* Busta, H.H. 83755
Libo Yuan *see* Yuan Libo
Liboni, C., Jr, De Lacerda, C. On the leading edge of the process control world 88918
Libsch, F.R., Abe, H. Electrostatic discharge damage: how much protection is needed for AMLCDs? 89291
Liby, B.W., Statman, D. Controling the linewidth of a semiconductor laser with photorefractive phase conjugate feedback 65281
Licchelli, M. *see* Sottini, S. 75401
Licciardello, M. Super FLASH mixed memory technology 73359
Licciardi, L., Peretti, M., Pilati, L., Ichai, J.J., Martin, F., Urena, Y. A multichip module solution for high performance ATM switching 68011
Licciardi, L., Serio, F. Technical solutions in a flexible and modular architecture for ATM switching 98996
Lichard, P. *see* Akesson, T. 69833
Licheng Jiao *see* Jiao Licheng
Licheron, M. Synthesis of $(Ba,K)_2(Pb,Bi)O_{4-\delta}$ 115899
Lichorwic, D.J., Jagadeesh, J.M., Nelson, S.D. Detection and characterization of late potentials using time-frequency analysis techniques 70137
Licht, S.J. *see* Fratello, V.J. 116144
Licht, T.R., Scheeper, P.R. Historical perspective of accelerometer technologies 119636
Lichtenberg, B., Webb, K.J., Meade, D.B., Peterson, A.F. Comparison of two-dimensional conformal local radiation boundary conditions 97031
Lichtenberger, O., Woltersdorf, J. On the atomic mechanisms of water-enhanced silicon wafer direct bonding 94649
Lichtenwalner, D.J. *see* Al-Shareef, H.N. 114989
Lichtenwalner, D.J. *see* Dahua Zhang 85259
Lichter, A.S. *see* Naida, J.D. 90584
Lichun Zhang, Xuewen Ni, Yangyuan Wang High-speed polysilicon emitter bipolar technologies 95170
Lichun Zhang *see* Pingxi Ma 84356
Lichun Zhang *see* Zhang Lichun
Licir, I., Audhuy-Peaudecerf, M. Cylindrical microwave applicator. Fields calculation and optimisation of the applicator 104795
Lick, G.S. *see* Hargreaves, D. 85475
Licka, T. *see* Peham, C. 90275
Licznerski, B.W. *see* Golonka, L.J. 89032
Lida, M. *see* Mizokawa, Y. 105580
Lidai, I. *see* Konakova, R.V. 114817
Liday, J. *see* Huran, J. 113504
Lidd, M.L. *see* Drake, M.D. 117752
Liddiard, K. *see* Jansson, C. 69303
Liddiard, K.C., Goodman, G.L. Versatile high performance infrared intrusion sensor for remote surveillance applications 70571
Liddiard, K.C., Ringh, U., Jansson, C. Staring focal plane arrays for advanced ambient temperature infrared sensors 69298
Liddiard, K.C. *see* Unewisse, M.H. 69149
Liddiard, K.C. *see* Unewisse, M.H. 79430
Liddy, C. Commercial security on the Internet 118470
Lide Wu *see* Zhongquan Wu 77466
Liden, P. *see* Dahlgren, P. 106170
Liderman, K. *see* Badimirowski, K. 112980
Lidestri, K.A. *see* Puttlitz, K.J. 114467
Lidgard, A. *see* Ribeiro, R.M. 85025
Lidgate, D. Project E^3: effective engineering education 60490
Lidgate, D. Environmental awareness–developing a company policy 60766
Lidgey, F.J. *see* Hayatleh, K. 73085
Lidgey, F.J. *see* Selvanayagam, S. 73111
Lidgey, F.J. *see* Shi, Y. 101358
Lidgey, S.M.I., Moore, P.J., Passey, K.J. Harmonic reduction in saturable reactor controlled induction generators 111939
Lidia, S. *see* Houck, T. 110481
Liding Wang *see* Wang Liding
Lidsky, D., Rabaey, J.M. Early power exploration–a World Wide Web application [high-level design] 82841
Lidwell, M. Diffractive lenses for dual waveband IR 116172
Lidwell, M. *see* Arthur, G. 119734
Lidzey, D.G., Weaver, M.S., Fisher, T.A., Pate, M.A., Whittaker, D.M., Skolnick, M.S., Bradley, D.D.C. Characterization of the emission from a conjugated polymer microcavity 75700
Lidzey, D.G. *see* Bradley, D.D.C. 106944
Lidzey, D.G. *see* O'Brien, D. 96026
Lidzey, D.G. *see* Weaver, M.S. 75753
Lidzey, D.G. *see* Weaver, M.S. 85257
Lie, D.Y.C., Im, S., Nicolet, M.-A., Theodore, N.D. Short and long annealing of high-dose arsenic-implanted pseudomorphic Ge_xSi_{1-x} on Si(100) 74512
Lie, D.Y.C., Theodore, N.D., Song, J.H. Dopant activation and strain relaxation in P-implanted metastable pseudomorphic $Ge_{0.12}Si_{0.88}$ grown on Si(100) 63233
Lie, D.Y.C. *see* Im, S. 63227
Lie, L. *see* Gladstone, S.M., IV 75005
Lie, L. *see* Runnion, E.F. 93389
Lie, L.N., Kapoor, A.K. Wafer level reliability procedures to monitor gate oxide quality using V ramp and J ramp test methodology 64061
Lie, T.T. *see* Goel, L. 92092
Lie, T.T. *see* Sharaf, A.M. 101763
Lie, T.T. *see* Sharof, A.M. 71277
Lie, T.T. *see* Wanhong Deng 80898
Lie Alimin *see* Alimin Lie
Lie Chang-Hun *see* Chang-Hun Lie
Lie Chen *see* Chen Lie
Lie Luo He *see* He Lie Luo
Liebe, C.C. *see* Eisenman, A. 90736
Liebeherr, J., Akyildiz, I.F., Tai, A. A multi-level explicit rate control scheme for ABR traffic with heterogeneous service requirements 87290
Liebeherr, J. *see* Akyildiz, I.F. 67779
Liebeherr, J. *see* Wrege, D.E. 77632
Liebel, G. *see* Sorli, I. 104955
Liebelt, M.J. *see* Appleton, S.S. 113892
Liebelt, M.J. *see* Tabrizi, N. 93300
Liebenow, C., Luhder, K. Electrochemical characterization of polymer precoated lithium electrodes 112198
Liebenow, C., Wagner, M.W. Cycling behaviour of magnesium electrodes in Grignard reagents 112232
Liebenow, C. *see* Wagner, M.W. 112238
Liebenow, U., Kuhlmann, P. A three-dimensional wave propagation model for macrocellular mobile communication networks in comparison with measurements 116907
Lieberman, M.A., Ashida, S. Global model of pulse-power-modulated high-density, low-pressure discharges 81547
Lieberman, R.A. *see* Egalon, C.O. 89134
Lieberman, S.H., Boss, P.A., Knowles, D.S., Theriault, G.A. Applications of remote spectroscopy for in situ environmental monitoring 70536
Liebermann, H. Material reliability of high-voltage insulators 70957
Liebers, R.T. What can be done by Bayesian Kriging? 101516
Liebert, A. *see* Maniewski, R. 120426
Liebherr, J. *see* Wrege, D.E. 87950
Liebi, C. *see* Haberlin, H. 91394
Liebig, T. Discounted Bayesian search problems with unknown detection probabilities 113191
Liebig, T., Rieder, U. Optimal greedy policies for stochastic control models 103563
Lieblich, D. *see* Gaylor, R. 101509
Liebst, B.S. *see* Cobb, R.G. 99937
Liedermann, K. Ageing processes in epoxy based relanex insulation as monitored by time-domain dielectric relaxation spectroscopy 64138
Liedke, F., Korschinsky, J. Consistent and complete automation of studio lighting technology at Saar Broadcasting 99718
Liedquist, L., Ikonen, E., Karha, P., Fagerlund, H. Comparison of luminous-intensity scales based on trap detectors and incandescent lamps 88905
Liedquist, L. *see* Ikonen, E. 89101
Liefrink, F., Dijkhuis, J.I., Van Houten, H. Quantum size effects in the switching noise of a one-dimensional conductor 62926
Liefvoort, A.van de *see* van de Liefvoort, A.
Liegl, K. *see* Flassbeck, W. 81006
Liegl, W. *see* Bomer, L. 88368
Lieguang Zeng *see* Zeng Lieguang

Lieh Sheu Meng *see* Meng Lieh Sheu
Lieitakis, E.A. *see* Gravvanis, G.A. 72633
Liejia Qian *see* Qian Liejia
Lieliang Yang *see* Yang Lieliang
Liemin Yan *see* Yan Liemin
Lien, A., Chen, C.-J. A new 2×2 matrix representation for twisted nematic liquid crystal displays at oblique incidence 116125
Lien, A., John, R.A. TFT-addressed two-domain TN VGA displays fabricated using the parallel-fringe-field method 89411
Lien, A. *see* Chen, C.-J. 116126
Lien, A. *see* Fryer, P.M. 89321
Lien, C.C. *see* Fung, Y.R. 90301
Lien, E. *see* Fowkes, W.R. 100416
Lien Chenhsin *see* Chenhsin Lien
Lien Jenn-Ren *see* Jenn-Ren Lien
Lien Jih *see* Jih Lien
Lien-Chang Wang, Halada, G., Gambino, R.J., Hayes, A., DiStefano, S. Radio frequency ion beam deposition of diamond-like carbon for sliders and heads 72879
Lienard, M. *see* Hettstedt, H.-D. 99318
Lienau, C., Richter, A., Elsaesser, T. Light-induced expansion of fiber tips in near-field scanning optical microscopy 85479
Lienau, Ch., Richter, A., Klehr, A., Elsaesser, T. Near-field scanning optical microscopy of polarization bistable laser diodes 116541
Liendo, J. *see* Fletcher, N.R. 69877
Lienhard, H.von *see* von Lienhard, H.
Lienhart, R., Stuber, F. Automatic text recognition in digital videos 66994
Liepa, E. *see* Thomsons, E. 121286
Liepa, V.V. *see* McCormack, C.J. 109727
Liepa, V.V. *see* Spaulding, A.D. 85885
Lieping Zhong, Miyoung Kim, Xindong Wang, Dingsheng Wang, Freeman, A.J. Orientation and structure dependence of interface magnetocrystalline anisotropy of Co/Cu overlayers and superlattices 75181
Lier, E. *see* Rayasam, R. 78581
Liersch, G. *see* Vandenberg, J. 80341
Lieshout, R.Van *see* Van Lieshout, R.
Lieto, A.Di *see* Di Lieto, A.
Lieto, C. *see* Buelow, L.D. 65407
Lieu, D.F. *see* Schirle, N. 71764
Lieu, H.K. *see* Lin, C.C. 63128
Lieu, M.L. *see* Zhongli He 98106
Lieu Fang-Yi *see* Jovanovic, M.M. 73101
Lieu Yow-Chyi *see* Yow-Chyi Lieu
Lieurance, D., Kimball, F., Rix, C. Modular transportable superconducting magnetic energy systems 121916
Lievrouw, L.A., Finn, T.A. New information technologies and informality: comparing organizational information flows using the CSM 72169
Liew, A.C. *see* Chang, C.S. 70735
Liew, A.C. *see* Chang, C.S. 70766
Liew, A.C. *see* Dash, P.K. 70665
Liew, A.C. *see* Dash, P.K. 80993
Liew, A.C. *see* Dash, P.K. 81138
Liew, A.C., Sr. *see* Waikar, D.L. 102247
Liew, R. *see* Yu, S.C.M. 89486
Liew, S.C. A general packet replication scheme for multicasting with application to shuffle-exchange networks 98398
Liew, S.C., Chi-Yin Tse Video aggregation: adapting video traffic for transport over broadband networks by integrating data compression and statistical multiplexing 97875
Liew, S.C., Ng, Y.K., Hasegawa, B.H. Noise in ML-EM reconstruction of SPECT images with attenuation correction 101160
Liew, S.C. *see* Goh, K.L. 101263
Liew, S.C. *see* Quan-Long Ding 77653
Liew, S.C. *see* Quan-Long Ding 117950
Liew Soung C. *see* Soung C. Liew
Liew Soung-Yue *see* Soung-Yue Liew
Liewei Zhu *see* Zhu Liewei
Lifa Wu *see* Wu Lifa
Lifang Li, Zhigang Cao P-TCM performance on mobile satellite communication channels 119107
Lifang Wang *see* Wang Lifang
Lifanov, I.I., Lifanov, I.K. Antenna-diffraction problems and singular solutions of singular integral equations 97039
Lifanov, I.K. *see* Lifanov, I.I. 97039
Lifante, G. *see* Bausa, L.E. 75511
Lifen Zhang *see* Zhang Lifen
Lifeng Li *see* Ramanujam, N. 96690
Lifeng Li *see* Shore, B.W. 96580
Lifeng Xi *see* Xi Lifeng
LiFeng Yang *see* Hart, D. 102232
Lifeng Zhang *see* Zhang Lifeng
Lifka, H. *see* Montree, A.H. 63916
Lifsal, L. *see* Khatib, D. 75032
Lifshits, I.M. *see* Vinitsky, M.M. 80840
Lifshits, V.O. *see* Rozhanskii, N.V. 94817
Lifshitz, Y. *see* Barak, J. 73388
Lifshitz, Y. *see* Barak, J. 74669
Lifshitz, Y. *see* Barak, J. 104553
Lifshitz, Y. *see* Barak, J. 105849
Lifu Wang *see* Wang Lifu
Ligang Lu *see* Settle, T.F. 109869
Ligdas, P. *see* Jafarkhani, H. 108184
Ligeon, M. *see* Bustarret, E. 94272
Ligeon, M. *see* Hory, M.A. 94271
Ligeza, A. *see* Fuster-Parra, P. 99857
Light, D.N., Jimarez, L.J., Egitto, F.D., Matienzo, L.J., Logan, P.E., Seman, A.M. Aluminum thick-metal-backed circuits: conductive adhesive technology 114440
Light, G.M., Fisher, J.L., Tennis, R.F., Stolte, J.S., Hendrix, G.J. Detection and sizing of defects in control rod drive mechanism penetrations using eddy current and ultrasonics 120925
Lightbody, T.M. *see* Bett, T.H. 85419
Lightfoot, J., Duncan, W., Gear, W., Kelly, B., Smith, I. Observing strategies for SCUBA 68816
Lighthipe, R.W. *see* Bingham, W.G. 121915
Lightstone, M. *see* Abreu, E. 77267
Lignie, M.de *see* de Lignie, M.
Ligonzo, T. *see* Augelli, V. 62760
Ligthart, L.P. *see* Hajian, M. 97318
Ligthart, L.P. *see* Niemeijer, R.J. 68692
Ligthart, L.P. *see* Tran, D.P. 66056
Ligthart, L.P. *see* Unal, C.M.H. 68676
Ligthart, W.C.M. *see* Horijon, J.L. 73869
Liguo Luo, Chu, P.L. Optical bistability in a coupled fiber ring resonator system with nonlinear absorptive medium 96143
Liguori, C. *see* Baccigalupi, A. 61979
Liguori, C. *see* Bernieri, A. 70637
Liguori, C. *see* Bernieri, A. 110021
Liguori, C. *see* Betta, G. 119535
Liguori, R. *see* Fuglsang-Frederiksen, A. 90546
Liguori, R. *see* Johnsen, B. 90545
Lih Keh-Wei *see* Keh-Wei Lih
Lih Ko-Wei *see* Ko-Wei Lih
Lih-Gen Sheu, Ching-Ting Lee, How-Chiang Lee Nondestructive measurement of loss performance in channel waveguide devices with phase modulator 95736
Lih-Gen Sheu *see* Ching-Ting Lee 75645
Lih-Gen Sheu *see* Ching-Ting Lee 116441
Lih-Hsing Hsu *see* Chun-Nan Hung 60872
Lih-Hsing Hsu *see* Shih-Yih Wang 73021
Lih-Hsing Hsu *see* Yung-Cheng Chang 113111
Lih-Huei Liaw *see* Anvari, B. 101410
Lih-Lang Tasi *see* Tasi Lih-Lang
Lih-Shan Chen, Shen-Li Fu, Yeng-Neng Hsieh Low firing aluminum nitride-glass composite for multilayer ceramic substrate 112890
Lih-Wen Laih, Cheng-Zu Wu, Shiou-Ying Cheng, Jung-Hui Tsai, Wen-Chau Liu Anomalous negative-differential-resistance (NDR) characteristics of step-doped-channel transistor (SDCT) 115234
Lih-Wen Laih, Wen-Chau Liu, Jung-Hui Tsai, Wei-Chou Hsu, Yuan-Tzu Ting, Rong-Chau Liu Anomalous negative-differential-resistance (NDR) characteristics of n^+-GaAs/n^--GaAs/n^+-In$_{0.2}$Ga$_{0.8}$As/i-GaAs structure 84360
Lih-Wen Laih *see* Jung-Hui Tsai 105890
Lih-Wen Laih *see* Wen-Chau Liu 63829
Lih-Wen Laih *see* Wen-Chau Liu 105491
Lih-Wen Laih *see* Wen-Shiung Lour 63796
Lih-Wen Laih *see* Wen-Shiung Lour 84460
Lih-Yih Chiou *see* Cherabuddi, R.V. 73916
Lih-Yuan Lin *see* Shi-Sheng Lee 78870
Lihbor Yiin, Stuber, G.L. Error probability of coherent detection for trellis-coded partial response CPM on Rician fading channels 66247
Lihn, H.C. *see* Bocek, D. 96450
Lihong Jiao *see* Sangbo Kim 102997
Lihua Hu, Morrison, R.E. Simulation study of a transmission system containing two unequally rated parallel lines and a UPFC 70824
Lihua Li *see* Li Lihua
Lihua Shi *see* Shi Lihua
Lihua Xie, De Souza, C.E., Youyi Wang Robust filtering for a class of discrete-time uncertain nonlinear systems: an H_∞ approach 76902
Lihuang Lin *see* Lin Lihuang
Lihui Peng *see* Peng Lihui
Lii, T. *see* Tsang, Y.L. 63287
Lii, Y.T., Wetzel, J. Low dielectric Dow Cyclotene 3022 (BCB) etch for multilevel interconnection integration 63454
Lii, Y.T. *see* Chu, P.Y. 64167
Lii Guor-Rurng *see* Guor-Rurng Lii
Lii Jihua *see* Zhao Jijiu 119972
Lii-Yuh Leu *see* Gupta, S.S. 92443
Liik, O. Planning of new generating capacity for Estonia using MARKAL model 102014
Lijia Yang *see* Zongfu Jiang 95926
Lijian Tian *see* Tian Lijian
Lijiang Zeng, Matsumoto, H., Kawachi, K. Scanning beam collimation method for measuring dynamic angle variations using an acousto-optic deflector 89504
Lijie Liu *see* Liu Lijie
Lijie Miao *see* Miao Lijie
Lijima, M., Shimizu, Y., Kojima, N., Tanaka, A., Kobayashi, K. Giant magnetoresistance properties in multilayered Co-Ag/Cu granular alloys 75168
Lijing Wu *see* Shulian Zhang 79345
Lijiu Ji *see* Ji Lijiu
Lijuan Ren *see* Ren Lijuan
Lijun, X. *see* Zhiquan, Y. 102547
Lijun Qin *see* Qin Lijun
Lijun Qiu *see* Qiu Lijun
Lijun Zhu, Wa, P.L., Pamulapati, J., Cooke, P., Dutta, M. Lateral field effect optoelectronic waveguide devices employing multi-quantum wells 116106
LiJun Zhu *see* Li Kam Wa, P. 63003
Lik Wee Yeo *see* Yeo Lik Wee
Likaki, H. *see* Sphiris, N. 120357
LiKamWa, P. *see* Kan'an, A.M. 116092
Likar, A. *see* Ringbom, A. 69874
Likar, A. *see* Ringbom, A. 80134
Likarn Wang *see* Sianchang Huang 68464
Likarn Wang *see* Ti-Ing Su 116043
Likarn Wang *see* Yishian Chiou 119184
Likawa, F. *see* Abbade, M.L.F. 94528
Like Xie, Fouchard, D., Megahed, S. Material requirements for lithium-ion batteries 112299
Liker, J.K., Sobek, D.K., II, Ward, A.C., Cristiano, J.J. Involving suppliers in product development in the United States and Japan: evidence for set-based concurrent engineering 60580
Liker, J.K. *see* Hull, F.M. 60577
Likforman, J.-P., Alexandrou, A., Vanelle, E., Block, D., Cibert, J., Romestain, R. Ultrafast in well screening of the piezoelectric field in (111) quantum wells 105317
Likforman-Sulem, L., Faure, C. Solving alignment conflicts in handwritten document segmentation 86604
Likhachev, A.V., Pikalov, V.V. On the formulation of the chronotomography problem 69522
Likhachev, V.P., Dias, J.F., Yoneama, M.L., Martins, M.N., Arruda-Neto, J.D.T., Bueno, C.C., Perevertailo, V., Frolov, O. Silicon strip detectors for fission 100816
Likhachiev, I.G. *see* Egorov, S.A. 79489
Likhachov, A.V., Pickalov, V.V. Frequency filtration in the algebraic algorithms of 3D-tomography 70074
Likhanskii, V.V. *see* Glova, A.F. 85363
Likhanskii, V.V. *see* Napartovich, A.P. 96372
Likharev, K.K., Korotkov, A.N. "Single-electron parametron": reversible computation in a discrete-state system 106098
Likharev, K.K. *see* Chen, R.H. 61797
Likharev, K.K. *see* Fonseca, L.R.C. 88904
Likharev, K.K. *see* Fonseca, L.R.C. 106104
Likhobabin, N.P. *see* Gerasin, V.V. 115225
Likonen, J., Vaekevaeinen, K., Ahlgren, T., Raeisaenen, J., Rauhala, E., Keinonen, J. Annealing behaviour of high-dose-implanted nitrogen in InP 63246
Likonen, J. *see* Salokatve, A. 94727
Lile, D.L. *see* Kim, J.W. 63014
Lileev, A.S. *see* Savchenko, A.G. 106622
Lileev, A.S. *see* Savchenko, A.G. 115854
Lileev, A.S. *see* Savchenko, A.G. 115855
Liley, D.T.J. *see* Wright, J.J. 101391
Lilholt, H. *see* Andersen, S.I. 113603
Lilian Kao Liu *see* Jung Shang Chang 110262
Lilien, R.H. *see* Huttenlocher, D.P. 67263
Lilienblum, T., Albrecht, P., Michaelis, B. Improvement of 3-D data by neural networks 108599
Liliental-Weber, Z. *see* Gassmann, A. 103838
Liliental-Weber, Z. *see* Kisielowski, C. 83902
Liliental-Weber, Z. *see* Ruvimov, S. 94338
Liliental-Weber, Z. *see* Ruvimov, S. 105450
Liliental-Weber, Z. *see* Walukiewicz, W. 114639
Liliental-Weber, Z. *see* Whitaker, J.F. 114644
Lilin Liu, Jun Yuan Performance analysis of the gateway interconnecting LANs with ISDN 109040
Lilin Liu *see* Jun Yuan 108952
Lilin Tian *see* Tian Lilin
Liling Xiao, Zhijun Liu, Wenxun Zhang GNRD waveguide discontinuity of the gap in dielectric strip 65971
Lilja, K., Fichtner, W. A filamentation-free insulated-gate controlled thyristor and comparisons to the IGBT 105943
Lilja, R. *see* Hirvonen, J. 67426
Liljenstam, M. *see* Ronngren, R. 78466
Liljenstrom, H. *see* Wright, J.J. 101391
Lill, A. *see* Papp, A. 60585
Lilleberg, J. *see* Joutsensalo, J. 108800
Lillevold, K.O. *see* Bjontegaard, G. 87210
Lillie, K. Electric cars–Third time lucky? 112563
Lillis, J., Chung-Kuan Cheng, Lin, T.-T.Y. Optimal wire sizing and buffer insertion for low power and a generalized delay model 61555
Lillis, J., Chung-Kuan Cheng, Lin, T.-T.Y., Ching-Yen Ho New performance driven routing techniques with explicit area/delay tradeoff and simultaneous wire sizing 82861
Lillis, J., Chung-Kuan Cheng, Ting-Ting Y. Lin Simultaneous routing and buffer insertion for high performance interconnect 95121
Lillis, J. *see* Jianmin Li 83019
Lillo, E.Fernandez *see* Fernandez Lillo, E.
Lilong Cai *see* Jihua Zhang 110166
Lim, A. Minimum area joining of k compacted cells 93040
Lim, A. *see* Hsu, W. 82150
Lim, B. *see* Yang, J.W. 85307
Lim, B.W., Chen, Q.C., Yang, J.Y., Khan, M.A. High responsivity intrinsic photoconductors based on Al$_x$Ga$_{1-x}$N 75690
Lim, B.W., Korolkiewicz, E., Scott, S. Accurate design of a corner fed square slot patch antenna for circular polarisation 97286
Lim, B.W. *see* Asif Khan, M. 116539
Lim, B.W. *see* Sun, C.J. 94321
Lim, C. *see* Jiang, J. 101126
Lim, C.C. *see* Beaumont-Smith, A. 113906
Lim, C.P. *see* Jervis, B.W. 70130
Lim, C.S., Remenieras, J.P., Roncin, A. Simulation and implementation for blood flow velocity measurement on pulsed Doppler system using single-channel RF sampling 110737

Lim, C.S. *see* Oh, K.J. 110366
Lim, C.T. *see* Chung, K.I. 117455
Lim, C.W. *see* Choi, S.H. 98128
Lim, D. *see* Pan, Y. 84420
Lim, D. *see* Rose, A. 121027
Lim, D.H. *see* Kim, J.-H. 105576
Lim, F.L., West, G.A.W., Venkatesh, S. Features detection and recognition in active vision utilizing foveation in log polar space 87006
Lim, G. *see* Dunstan, P. 66960
Lim, G. *see* Oh, M. 65255
Lim, G.G. *see* Kim, T.K. 65256
Lim, H., Yim, C., Swartzlander, E.E., Jr. Finite word-length effects of an unified systolic array for 2-D DCT/IDCT 104503
Lim, H. *see* Han, I.K. 114961
Lim, H. *see* Il-Jong Kim 74346
Lim, H. *see* Jeong, B.S. 83861
Lim, H.R. *see* Shim, S.Y. 100033
Lim, H.T. *see* Shim, M.S. 103673
Lim, I. *see* Lu, Y.H. 111337
Lim, I. *see* Yeo, T.S. 111103
Lim, I.-C. *see* Park, C.-W. 117947
Lim, J., Kim, G., Kim, Y., Kim, H., Cho, J. The design of the POCSAG decoder using FPGA 119062
Lim, J. *see* Choy, I. 112438
Lim, J. *see* Song, D. 74748
Lim, J.-T. *see* Shim, K.-H. 82360
Lim, J.-T. *see* Shim, K.-H. 83991
Lim, J.K., Russo, J.S., Antonier, E. Electroplated palladium coating as a nickel migration (thermal) barrier 62493
Lim, J.K. *see* Oh, H.S. 61087
Lim, J.S., Lee, K.K., Un, C.K. An optimum block adaptive shifting algorithm using the Toeplitz preconditioner 77053
Lim, J.S. *see* Zheng, S.Q. 95153
Lim, J.W. *see* Kim, D.W. 84030
Lim, K. *see* Chin, B. 72302
Lim, K. *see* Chin, B. 92277
Lim, K. *see* Lee, C. 113400
Lim, K.-Y. *see* Guo, G. 121033
Lim, K.M., Yang, H.S. A new hierarchical MRF modeling for image segmentation and restoration 86659
Lim, K.P., Chong, M.N., Das, A. Performance analysis of an adaptive transform coder using uncovered background predictor 86910
Lim, K.T. *see* Chan, T.W. 81139
Lim, K.T. *see* Chan, T.W. 102260
Lim, K.Y., Wang, Y., Zhou, R. Robust decentralised load-frequency control of multi-area power systems 121031
Lim, K.Y. *see* Jeong, M.S. 94539
Lim, K.Y. *see* Kim, J.-H. 105576
Lim, L.C. *see* Zeng, H.C. 61143
Lim, L.E.N. *see* Ngoi, B.K.A. 82175
Lim, L.M. *see* Akay, M. 80386
Lim, N. *see* Chua, S.J. 116503
Lim, N.C. *see* Chen, X.H. 78349
Lim, R.L. *see* Cheah, R.S.-S. 67761
Lim, S.F., Chang-Hasnain, C.J. A proposal of broad bandwidth vertical-cavity laser amplifier 65392
Lim, S.H., Kim, S.R., Kim, H.J. Magnetostriction of melt-spun $TbFe_2$-B alloys 115563
Lim, S.K. *see* Kim, J.H. 95171
Lim, S.S., Ong, E.K., Fok, S.C. Automatic handling and inspection of printed circuit boards using machine vision 83604
Lim, T.H., Miller, T.J., Williamson, F., Nathan, M.I. Characterization of interface charge at $Ga_{0.52}In_{0.48}P$/GaAs junctions using current-voltage and capacitance-voltage measurements 105239
Lim, T.J., Macleod, M.D. On-line interpolation using spline functions 66649
Lim, T.K., Do, M.A., Kwok, P.S.C., Ong, C.H. Development of a vehicle position detection and classification system for electronic road pricing 86654
Lim, T.K., Swaminathan, S., Cheung, K.W. Am automated, computer-controlled photo-flashtube testing system 99842
Lim, W.T. *see* Forbes, L. 73573
Lim, Y.C. *see* Low, S.H. 93593
Lim, Y.C. *see* Yang, R.H. 93598
Lim, Y.C. *see* Yang, R.H. 104706
Lim, Y.J. *see* Park, K.T. 83118
Lim, Y.K. *see* Tay, A.A.O. 74632
Lim, Y.S. *see* Zhu, S.P. 81508
Lim Chae Wook *see* Chae Wook Lim
Lim Chaedeok *see* Chaedeok Lim
Lim Chan *see* Chan Lim
Lim Chan-Ho *see* Chan-Ho Lim
Lim Eunsung *see* Eunsung Lim
Lim Geunbae *see* Geunbae Lim
Lim Gwon *see* Gwon Lim
Lim Hee Jin *see* Hee Jin Lim
Lim Hee-Jin *see* Hee-Jin Lim
Lim Hyeong-Gyu *see* Hyeong-Gyu Lim
Lim Hyeong-Seok *see* Hyeong-Seok Lim
Lim Hyo Taek *see* Hyo Taek Lim
Lim HyoTaek *see* HyoTaek Lim
Lim Hyoungsoo *see* Hyoungsoo Lim
Lim Hyung-Kyu *see* Hyung-Kyu Lim
Lim In-Chil *see* In-Chil Lim
Lim Jae-Bong *see* Jae-Bong Lim
Lim Jangseob *see* Yuan Changmin 64124
Lim Jin Tiong *see* Low Chee Meng 78385
Lim Jong Hyek *see* Jong Hyek Lim
Lim Jong Soo *see* Jong Soo Lim
Lim Jong-Sik *see* Jong-Sik Lim
Lim Joonho *see* Joonho Lim
Lim Jun-Seok *see* Jun-Seok Lim
Lim Kah Bin *see* Kah Bin Lim
Lim Kee-Joe *see* Kee-Joe Lim
Lim Khiang Wee *see* Khiang Wee Lim
Lim Kia Yong *see* Kia Yong Lim
Lim Koeng Su *see* Koeng Su Lim
Lim Koeng-Su *see* Koeng-Su Lim
Lim Koon-Seng *see* Koon-Seng Lim
Lim Kyoung Won *see* Kyoung Won Lim
Lim Kyungshik *see* Kyungshik Lim
Lim Mee-Seub *see* Mee-Seub Lim
Lim Mong King Development of the NTU graduate programme [engineering education] 60428
Lim Moojong *see* Moojong Lim
Lim Myung-Seob *see* Myung-Seob Lim
Lim Myung-Sub *see* Myung-Sub Lim
Lim Nguyen, Young, J.F., Aazhang, B. Photocurrent distribution of a superfluorescent fiber source 65097
Lim Nguyen, Young, J.F., Behnaam Aazhang Photoelectric current distribution and bit error rate in optical communication systems using a superfluorescent fiber source 78926
Lim Seong Il *see* Seong Il Lim
Lim Shin-Il *see* Shin-Il Lim
Lim Soon-Kwon *see* Soon-Kwon Lim
Lim Soonkwon *see* Soonkwon Lim
Lim Sun Jin *see* Sun Jin Lim
Lim Sung Wook *see* Sung Wook Lim
Lim Sung-Chul *see* Sung-Chul Lim
Lim Sung-Jun *see* Sung-Jun Lim
Lim Tan Chew *see* Chew Lim Tan
Lim Tong Kun *see* Tong Kun Lim
Lim Wei Shi *see* Wei Shi Lim
Lim Yew Tee *see* Muniandy, R. 72348
Lim Yong Je *see* Yong Je Lim
Lim Yong-Ching *see* Yong-Ching Lim
Lim Yong-Gon *see* Yong-Gon Lim
Lim Young-Bum *see* Young-Bum Lim
Lim Young-Cheol *see* Young-Cheol Lim
Lim Young-Ho *see* Young-Ho Lim
Lim Young-Hun *see* Young-Hun Lim
Lim Young-Hwan *see* Young-Hwan Lim
Lim Yun-Sie *see* Yun-Sie Lim
Lima, A.C.S.de *see* de Lima, A.C.S.
Lima, A.F.M.M.de *see* de Lima, A.F.M.M.
Lima, A.J.de *see* de Lima, A.J.
Lima, A.M.N. *see* de Souza Filho, E.B. 102687
Lima, A.M.N. *see* Jacobina, C.B. 102688
Lima, A.M.N. *see* Ribeiro, L.A.S. 122009
Lima, A.M.N. *see* Ribeiro, R.L.A. 121576
Lima, C.R., Davies, P.A., Wake, D. A new optical source for generation of 40-60 GHz signals using a dual mode multisection DFB semiconductor laser 96419
Lima, C.R. *see* Wake, D. 109690
Lima, H.H.M.De *see* De Lima, H.H.M.
Lima, H.M.de *see* de Lima, H.M.
Lima, J.A., Gracias, N., Pereira, H., Rosa, A. Fitness function design for genetic algorithms in cost evaluation based problems 92552
Lima, J.A.De *see* De Lima, J.A.
Lima, J.W.M. Allocation of transmission fixed charges: an economic interpretation 101985
Lima, J.W.Marangon *see* Marangon Lima, J.W.
Lima, P.M. Numerical methods and asymptotic error expansions for the Emden-Fowler equations 72584
Lima, P.R. *see* de Oliveira, A.J.B. 93770
Lima, R. *see* Dente, J.A. 67063
Lima, R.A.A. *see* Mosso, M.M. 93134
Lima Coimbra, M.de *see* de Lima Coimbra, M.
Lima Filho, F.De *see* De Lima Filho, F.
Lima Filho, N.C. *see* Menezes, V.M. 87492
Limagne, D. *see* Girard, T.A. 80093
Limagne, D. *see* Jeudy, V. 69789
Limaye, B.V. *see* Largillier, A. 60990
Limb, J.O., Sala, D. An access protocol to support multimedia traffic over hybrid fiber/coax systems 118139
Limb, J.O. *see* Sala, D. 87460
Limb, J.O. *see* Sala, D. 119232
Limb, S.J., Labelle, C.B., Gleason, K.K., Edell, D.J., Gleason, E.F. Growth of fluorocarbon polymer thin films with high CF_2 fractions and low dangling bond concentrations by thermal chemical vapor deposition 61373
Limber, M. *see* Passi, R.M. 97661
Limberg, T., Weise, H., Molodozhentsev, A., Petrov, V. The bunch compression system at the TESLA test facility FEL 96535
Limberg, T. *see* Bane, K. 89979
Limberg, T. *see* Boge, M. 89836
Limberger, H.G. *see* Fox, G.R. 75593
Limberger, H.G. *see* Fox, G.R. 85151
Limberger, H.G. *see* Fox, G.R. 106794
Limberger, H.G. *see* Nguyen Hong Ky 84996
Limbourg, I. *see* Bouchakour, R. 74751
Limburg Stirum, B.de *see* de Limburg Stirum, B.
Limei Wang *see* Wang Limei
Limentani, S. *see* De Giorgi, M. 120221
Limeres, J. *see* del Pino, M. 107600
Limin Dong *see* Wuchen Wu 106026
Limin Duan *see* Duan Limin
Limin Sun, Wenhua Dou, Dongxia Wang, Gang Xiao The design and implementation of FDDI microcomputer network system 118449
Limin Wang, Vincent, A. Joint rate control for multi-program video coding 108473
Limin Wang *see* Lauzon, D. 88838
Liming He *see* De-Gui Sun 85219
Liming Wang, Wada, T., Yuba, T., Kakimoto, M., Imai, Y., Sasabe, H. Optical third-harmonic generation in poly(p-phenylene benzobisthiazole) Langmuir-Blodgett film 76165
Liming Wang *see* Wada, T. 84934
Liming Wang *see* Yadong Zhang 76164
Liming Wang *see* Wang Liming
Liming Zhang *see* Jianping Fan 117547
Liming Zhang *see* Zhang Liming
Limiti, E. *see* Acciari, G. 93818
Limiti, E. *see* Bartelucci, G. 93850
Limiti, E. *see* Bartolucci, G. 114315
Limiti, E. *see* Colantonio, P. 114248
Limiti, E. *see* Giannini, F. 93827
Limo Gao *see* Gao Limo
Limon, M. *see* De Amici, G. 99699
Limpaecher, R. Compact and efficient transformerless power conversion system 112129
Limpel, M. *see* Sorli, L. *(editor)* 60357
Limperis, A. *see* Deliyannis, T. 73531
Limtouch, S. *see* Rinaudo, O. 105915
Limura, Y., Kobayashi, S., Sugiyama, T., Toko, Y., Hashimoto, T., Kato, K. Electro-optic characteristics of amorphous and super-multidomain TN-LCDs prepared by a non-rubbing method 85145
Limura, Y. *see* Sugiyama, T. 85146
Lin, A.M.T. NEPTUN-A spectrometer for measuring the spin analyzing power in p-p elastic scattering at large $P_{\perp}^2$ at 400 GeV (and 3 TeV) at UNK 120232
Lin, A.S., Kowalak, A.D., O'Grady, W.E. Studies of the role of water in the electrocatalysis of methanol oxidation [in PEM fuel cells] 121866
Lin, A.T., Chih-Chien Lin Peniotron amplifiers with helical wiggler magnetic fields 105047
Lin, A.T., Lin, C.-C. Peniotron amplifiers with helical wiggler magnetic fields 114523
Lin, A.T. *see* Balkcum, A.J. 105045
Lin, A.T. *see* Chong, C.K. 105069
Lin, B. System design tools for broadband telecom network applications 77834
Lin, B. A system design methodology for software/hardware co-development of telecommunication network applications 87609
Lin, B. *see* Burlina, P. 86789
Lin, B. *see* Fink, R.L. 89322
Lin, B. *see* Hudson, R. 98284
Lin, B. *see* Kumar, N. 89367
Lin, B. *see* Pan, W. 119700
Lin, B. *see* Vercauteren, S. 83078
Lin, B. *see* Vercauteren, S. 83083
Lin, B. *see* Verlind, E. 83058
Lin, B.-I. Intellectual property management in the international arena 112815
Lin, B.-R., Hwang, T.-S. Single phase rectifier with high power factor in continuous and discontinuous conduction mode 71506
Lin, B.-R., Hwang, T.-S. Current regulation with inverter drives based on fuzzy approach 71789
Lin, B.-S.P. *see* Chiung-Shien Wu 77638
Lin, B.-S.P. *see* Chiung-Shien Wu 78119
Lin, B.C. *see* Chin, A. 62886
Lin, B.C. *see* Chin, A. 74391
Lin, B.C. *see* Chin, A. 74427
Lin, B.C. *see* Chin, A. 94211
Lin, B.C. *see* Chin, A. 103916
Lin, B.M. *see* Liu, C.T. 112572
Lin, C. *see* Das, M. 101307
Lin, C. *see* Sun, D.C. 61275
Lin, C. *see* Young, J.H. 119533
Lin, C.-C. *see* Lin, A.T. 114523
Lin, C.-F. *see* LeBlanc, D.J. 71863
Lin, C.-H., Wu, C.-H., Ting, P.-Y., Wang, H.-M. Frameworks for recognition of Mandarin syllables with tones using sub-syllabic units 76867
Lin, C.-H. *see* Malin, J.I. 65334
Lin, C.-H. *see* Malin, J.I. 96263
Lin, C.-H. *see* Malin, J.I. 96405
Lin, C.-J. *see* Jones, R.E., Jr. 115624
Lin, C.-L. *see* Egelhoff, W.F., Jr. 115863
Lin, C.-T. *see* Yang, C.-F. 70977
Lin, C.-W., Chen, C.-C., Tseng, W.-Y., Chen, I.-Y., Kuo, S.-Y. A parallel architecture for ATM user-network interface 98805
Lin, C.-W. *see* Chen, B.-S. 62028
Lin, C.C., Chen, W.S., Hwang, H.L., Hsu, K.Y.J., Lieu, H.K., Tu, N. Reliability study of sub-micron titanium silicide contacts 63128
Lin, C.C., Kuo, C.J. A note on "On the VLSI implementation of real-time order statistic filters" 62039
Lin, C.C. *see* Kuo, C.J. 77112
Lin, C.C. *see* Peng, C.K. 92720
Lin, C.E. *see* Chin-Lin Chen 101691
Lin, C.F., Chi, G.C., Feng, M.S., Guo, J.D., Tsang, J.S., Hong, J.M. The dependence of the electrical characteristics of the GaN epitaxial layer on the thermal treatment of the GaN buffer layer 74260
Lin, C.F. *see* Chih-Hao Lee 74257
Lin, C.F. *see* Lin, W. 72955
Lin, C.H., Zhu, Z.H., Qian, Y., Lo, Y.H. Cascade self-induced holography: a new grating fabrication technology for DFB/DBR lasers and WDM laser arrays 116746
Lin, C.H. *see* Anticic, T. 90166
Lin, C.H. *see* Kawano, H. 116653

Lin, C.I. *see* Schussler, M. 61309
Lin, C.I. *see* Steup, D. 73814
Lin, C.J. *see* Su, F.C. 70116
Lin, C.L., Yeh, T., Wang, G., Lin, J.C., Sivertsen, J.M., Judy, J.H. Structure and magnetic properties of CoCrTa films deposited on thin NiFe films 106580
Lin, C.L. *see* Chen, S.C. 90077
Lin, C.L. *see* Glenis, S. 75300
Lin, C.R., Gerla, M. A distributed architecture for multimedia in dynamic wireless networks 78521
Lin, C.S., Lay, Y.L., Shieh, H.J., Chang, R.S. Computer analysis and fuzzy control for fabricating a plastic HOE with an injection method 85737
Lin, C.T., Chang, S.J., Nayak, D.K., Shiraki, Y. The properties of SiO_2 films using direct photochemical vapor deposition on strained SiGe layers 61329
Lin, C.T. *see* Brienza, D.M. 80498
Lin, C.T. *see* Ma, M.P. 94459
Lin, C.Y. *see* Guo, X.L. 72943
Lin, C.Y. *see* Shi, Y. 83943
Lin, D., Batan, T., Fuchs, E.F., Grady, W.M. Harmonic losses of single-phase induction motors under nonsinusoidal voltages 81447
Lin, D. *see* Verhaege, K. 116815
Lin, D. *see* You, Y. 81529
Lin, D.F., Askew, M.J., Lewandowski, P.J., Hurst, F.W., Melby, A. In-vitro kinematic comparison of the New Jersey LCS meniscal bearing and rotating platform prostheses 70247
Lin, D.K.J., Usher, J.S., Guess, F.M. Bayes estimation of component-reliability from masked system-life data 82333
Lin, D.L. *see* Shi-Dong Liang 83948
Lin, E. *see* Weidong Chen 87704
Lin, E.C., Karlsson, G. On the effects of workstation scheduling on ATM cell output 118372
Lin, E.W., Kok, Y., Dow, G.S., Wang, H., Chung, T.T., Lau, S., Okamuro, D., Allen, B.R. An advanced single-chip Ka-band transceiver 90881
Lin, E.W. *see* Dow, G.S. 89157
Lin, E.W. *see* Huei Wang 114320
Lin, E.W. *see* Lai, R. 104878
Lin, F., Breedon, R., Holbrook, B., Ko, W. A switched capacitor array as an analog pipeline for the CMS forward muon chamber readout 100985
Lin, F. *see* Denton, H. 105644
Lin, F.-J. Robust speed-controlled induction-motor drive using EKF and RLS estimators 71802
Lin, F.H. *see* Ho, J.G. 100005
Lin, F.R. *see* Chan, R.H. 92626
Lin, F.Y. *see* Chan, C.H. 100443
Lin, F.Y.-S. *see* Kwang-Ting Cheng 87487
Lin, G., Pister, K.S.J., Roos, K.P. Heart cell contractions measured using a micromachined polysilicon force transducer 79573
Lin, G., Pister, K.S.J., Roos, K.P. Standard CMOS piezoresistive sensor to quantify heart cell contractile forces 80188
Lin, G. *see* Chang, F.I. 74976
Lin, G. *see* Jan, G.J. 100545
Lin, G. *see* Lee, J.C. 89847
Lin, G.-R. *see* Chin, A. 83844
Lin, G.H., Abdu, R., Bockris, J.O.'M. Investigation of resonance light absorption and rectification by subnanostructures 91750
Lin, G.H. *see* Xing, X. 115674
Lin, H., Barreiro da Silva, J., Zhang, B., Schreier, R. Multi-bit DAC with noise-shaped element mismatch 104644
Lin, H., Low, T.S., Chen, S.X. Investigation on magnetic saturation in switched reluctance motor using 2D hybrid finite element method 121463
Lin, H., Venetsanopoulos, A.N. Perceptually lossless fractal image compression 86550
Lin, H. *see* Chen, S.X. 115779
Lin, H. *see* Zomorrodian, A.R. 106398
Lin, H.-H. *see* Chiou, H.-K. 93195
Lin, H.-P. *see* Akturan, R. 116886
Lin, H.C., Perng, C.H., Chien, C.H., Chiou, S.G., Chang, T.F., Huang, T.Y., Chang, C.Y. Plasma charging induced gate oxide damage during metal etching and ashing 105663
Lin, H.C. *see* Hao Tang 73321
Lin, H.H. *see* Sun, T.P. 115245
Lin, H.P. *see* Jeng, S.S. 99166
Lin, H.T., Rich, D.H., Larsson, A. Excess carrier lifetime and ambipolar diffusion anisotropy in a nipi-doped $In_{0.2}Ga_{0.8}As$/GaAs multiple-quantum-well structure 62946
Lin, H.T., Rich, D.H., Sjolund, O., Ghisoni, M., Larsson, A. Influence of structural defects on carrier recombination and current gain in an InGaAs/AlGaAs/GaAs heterojunction phototransistor 75721
Lin, H.T., Rich, D.H., Sjolund, O., Ghisoni, M., Larsson, A. Cathodoluminescence study of the influence of misfit dislocations on hole accumulation in an n-AlGaAs/p-GaAs/n-InGaAs heterojunction phototransistor 106970
Lin, H.T. *see* Rich, D.H. 94494
Lin, H.Y., Lu, M.C., Horng, J.H., Yang, T.B., Hsieh, S.C., Hsiao, C.Y., Tai, H.M., Chen, J.S. DC servo speed control of an inkjet print head transport system using a phase-locked loop 91553
Lin, H.Y. *see* Chin, A. 74427
Lin, I.N. *see* Chen, S.H. 115596
Lin, I.N. *see* Wang, J.P. 72890
Lin, I.N. *see* Wang, J.P. 75017
Lin, I.Nan *see* Nan Lin, I.
Lin, J. *see* Li, K. 83915
Lin, J. *see* Minegishi, M. 66122
Lin, J. *see* Montgomery, R.K. 93888
Lin, J. *see* Zhang, X. 73693
Lin, J. *see* Zhu, Y. 85373
Lin, J.-C., Sheridan, J., Rockwell, D. Near-wake of a perturbed, horizontal cylinder at a free-surface 119945
Lin, J.-C. *see* Liou, W.R. 74696
Lin, J.-C. *see* Wang, S.-J. 94540
Lin, J.-M., Tzuang, C.-K.C., Chou, G.-J., Su, S. Short leaky-wave antennas of sum and difference patterns 85984
Lin, J.C., Paul, S. RMTP: a reliable multicast transport protocol 87467
Lin, J.C., Tseng, M.R., Chu, J.J., Chen, L.J. Effects of substrate bias on crystal structures and magnetic properties of CoCrTa/Cr thin films 104154
Lin, J.C., Wang, C.Y. Effects of surfactant treatment of silver powder on the rheology of its thick-film paste 104960
Lin, J.C., Yu-Jin Wang The cap-choke catheter antenna for microwave ablation treatment 70213
Lin, J.C., Yung-Ming Hou, Ramirez, J.V., Page, E.M. Fermi internal flood analysis using a component-based frequency calculation approach 71046
Lin, J.C. *see* Lin, C.L. 106580
Lin, J.C. *see* Su, J.L. 120485
Lin, J.C. *see* Wang, S.J. 74674
Lin, J.C.J. *see* Teng, T. 121107
Lin, J.G. *see* Chern, M.Y. 95362
Lin, J.G. *see* Fung, K.S.M. 70111
Lin, J.H., Chen, L.J. The determination of the average compositions of amorphous interlayers in the V/Si system using a buried ultrathin oxide layer and a capping Mo layer to define the reference planes for interdiffusion 63091
Lin, J.H., Chew, W.C. BiCG-FFT T-Matrix method for solving for the scattering solution from inhomogeneous bodies 97018
Lin, J.H., Hsieh, W.Y., Chen, L.J. Simultaneous occurrence of multiphases in the interfacial reactions of ultrahigh-vacuum-deposited V and Zr thin films on (111)Si 84224
Lin, J.H. *see* Chew, W.C. 76408
Lin, J.H. *see* Wang, K.Z. 95963
Lin, J.J., Burger, D.R. TPV cell IV curve testing with varying black body emission temperatures, intensities, and cell temperatures 81879
Lin, J.L. *see* Kim, E. 115041
Lin, J.S. Fraction of missing information and convergence rate of data augmentation 103610
Lin, J.S. *see* Huang, S.L. 95987
Lin, J.T. *see* Kim, G.T. 113422
Lin, J.Y., Song, Y.H., John, A.T., Li, X.Y., Wang, G.D. Reactive power optimization and voltage regulation for large power system 111480
Lin, J.Y. *see* Daryoush, A.S. 88583
Lin, J.Y. *see* Huang, S.L. 95987
Lin, J.Y. *see* Li, J.Z. 105153
Lin, J.Y. *see* Smith, M. 62736
Lin, J.Y. *see* Smith, M. 94364
Lin, J.Y. *see* Smith, M. 114774
Lin, K., Jaffe, R.L. Bound states and threshold resonances in quantum wires with circular bends 114752
Lin, K.-C., Lee, W.-Y. Guided-wave 1.3/1.55 μm wavelength division multiplexer based on multimode interference 88587
Lin, K.-J. *see* Hu, L. C. 87329
Lin, K.-P., Chen, T.-S. Myocardial motion estimation using elastic mapping technique 90340
Lin, K.-P. *see* Chen, T.-S. 86913
Lin, K.-W. *see* Laih, L.-W. 84489
Lin, K.H. *see* Chen, Y.F. 116454
Lin, K.K. *see* Ueng, T.S. 100548
Lin, K.K. *see* Ueng, T.S. 100559
Lin, K.K. *see* Weng, W.T. 79872
Lin, K.P. *see* Yang, J. 90440
Lin, K.P. *see* Yang, J. 101320
Lin, K.Y. *see* Krishna Garg, H. 97712
Lin, L.-J., Ortega, A., Kuo, C.-C.J. Rate control using spline-interpolated R-D characteristics 86483
Lin, L.-J., Ortega, A., Kuo, C.-C.J. Cubic spline approximation of rate and distortion functions for MPEG video 86570
Lin, L.B. *see* Epstein, A.J. 96022
Lin, L.C.-L., Chen, S.C., Wurtele, J.S. Waveguide broad-wall coupling for RF guns 83689
Lin, L.C.-L., Wurtele, J.S., Chen, S.C. On the frequency scalings of RF guns 83688
Lin, L.Y., Shen, J.L., Lee, S.S., Wu, M.C. Micromachined three-dimensional tunable Fabry-Perot etalons 75561
Lin, L.Y., Shen, J.L., Lee, S.S., Wu, M.C., Sergent, M. Micromachined tunable three-dimensional solid Fabry-Perot etalons 78673
Lin, L.Y., Wu, M.C., Itoh, T., Vang, T.A., Muller, R.E., Sivco, D.L., Cho, A.Y. Velocity-matched distributed photodetectors with high-saturation power and large bandwidth 110162
Lin, L.Y., Zhong, X.R. Introducing the space growth of GaAs single crystals 82581
Lin, L.Y. *see* King, C.R. 95806
Lin, L.Y. *see* Lee, C.H. 61305
Lin, L.Y. *see* Shen, J.L. 64624
Lin, L.Y. *see* Wu, J. 63088
Lin, M.-S. Microelectronics capabilities and opportunities in Taiwan 106155
Lin, M.-S., Lee, M.-C., Chen, D.Y., Feng, W.-S. Synchronous dimming control for a cold-cathode fluorescent lamp driver 81994
Lin, M.-S. *see* Lio, J.-B. 102819
Lin, M.-S. *see* Yeh, W.-K. 113439
Lin, M.-T., Lin, S.K., Chen, C.-C., Chen, P.-H. Implementation and applications of a versatile shared buffer memory chip for ATM switching networks 99016
Lin, M.C. *see* Lu, C.N. 121132
Lin, P. *see* Hu, J.-P. 115491
Lin, P. *see* Montanaro, J. 73430
Lin, P.P. *see* Ming Chang 110357
Lin, P.S.D. *see* Lee, T.-P. 78880
Lin, P.S.D. *see* Zah, C.E. 68417
Lin, P.S.D. *see* Zah, C.E. 76034
Lin, Q., Simpson, L., Steinhausler, T., Wilder, M., Willson, C.G., Havard, J., Frechet, J.M.J. Water-soluble resist for "environmentally friendly" lithography 115066
Lin, Q. *see* Zhang, C. 106411
Lin, R.-M. *see* Kuan, C.H. 119672
Lin, R.L., Lee, F.C. Novel zero-current-switching-zero-voltage-switching converters 121607
Lin, S., Feng, W., Powelson, J.C., Feuerstein, R.J., Bintz, L.J., Tomic, D., Mickelson, A.R. Scattering induced crosstalk in active directional couplers 106829
Lin, S. *see* Fossorier, M.P.C. 97545
Lin, S. *see* Kasami, T. 66473
Lin, S. *see* Moorthy, H.T. 66477
Lin, S. *see* Morelos-Zaragoza, R. 97450
Lin, S. *see* Morelos-Zaragoza, R.H. 66301
Lin, S. *see* Rhee, D.J. 68098
Lin, S.-H. *see* Hatalis, M.K. 84399
Lin, S.-J. *see* Hung, H.-L. 86915
Lin, S.-S. *see* Yeh, C.-F. 74922
Lin, S.-W. *see* Chiu, C.-C. 118764
Lin, S.-Y., Chan, W.-H. Evaluation system for a digital still camera 100131
Lin, S.-Y., Hietala, V.M., Lyo, S.K., Koops, H.W.P., Villeneuve, P.R., Joannopoulos, J.D. High-Q photonic bandgap resonant cavities: from mm-wave to optical regime 95918
Lin, S.-Y., Hietala, V.M., Lyo, S.K., Zaslavsky, A. Photonic band gap quantum well and quantum box structures: A high-Q resonant cavity 74358
Lin, S.C. *see* Srinidhi, S.M. 88435
Lin, S.H. *see* Bai, S.N. 75265
Lin, S.H. *see* Pakhomov, A. 116698
Lin, S.K. *see* Lin, M.-T. 99016
Lin, S.M. *see* Yao, Y.D. 65682
Lin, T.-C. *see* Miyazaki, S. 63101
Lin, T.-H. Flexure-beam micromirror devices and potential expansion for smart micromachining 106280
Lin, T.-T.Y. *see* Huoy-Yu Liou 83023
Lin, T.-T.Y. *see* Lillis, J. 61555
Lin, T.-T.Y. *see* Lillis, J. 82861
Lin, T.F., Wang, J.P. The Safety Interlock System of Synchrotron Radiation Research Center 89613
Lin, T.F. *see* Chan, C.H. 100443
Lin, T.F. *see* Jan, G.J. 100545
Lin, T.H. *see* Goldsmith, C. 95220
Lin, T.L. *see* Hsiung Chou 95504
Lin, T.L. *see* Sarusi, G. 69295
Lin, T.S. *see* Chang, L. 72829
Lin, T.S. *see* Chen, C.J. 74328
Lin, T.Y. *see* Wuu, D.S. 104892
Lin, W., Tu, G.C., Lin, C.F., Peng, Y.M. The effect of lead impurity on the DC-etching behaviour of aluminum foil for electrolytic capacitor usage 72955
Lin, W. *see* Chuang, Z.M. 116518
Lin, W. *see* Lee, T.-D. 116517
Lin, W. *see* Liu, C.T. 115211
Lin, W. *see* Wang, M.C. 65197
Lin, W. *see* Wu, Y.H. 63600
Lin, W.-C., Liu, K.-C., Wang, C.-K. Differential matched filter architecture for spread spectrum communication systems 93600
Lin, W.-C., Liu, K.-C., Wang, C.-K. A new differential matched filter architecture for spread spectrum communication systems 99110
Lin, W.-C., Su, Y.T. Bit error bounds for trellis-coded MPSK in mixed fading channels 99396
Lin, W.-C. *see* Hung, H.-L. 86915
Lin, W.-C. *see* Shih, W.-S.V. 110758
Lin, W.-Y., Lee, C.G., Chow, P. An optimizing compiler for the TMS320C25 DSP chip 93445
Lin, W.J. *see* Wang, J.P. 75017
Lin, W.T. *see* Anticic, T. 90166
Lin, W.T. *see* Chang, Y.H. 90144
Lin, W.W., Chunlin Liang Separation of d.c. and a.c. competing effect of polysilicon-gate depletion in deep submicron CMOS circuit performance 95190
Lin, X. *see* Heifets, S. 89624
Lin, X. *see* Li, J. 117767
Lin, X. *see* Mohney, S.E. 74457
Lin, X.-Z. *see* Horng, M.-H. 70017
Lin, X.-Z. *see* Liu, F.-Y. 110792
Lin, X.E., Ko, K., Ng, C.-K. Impedance spectrum for the PEP-II RF cavity 100666
Lin, X.E., Kroll, N.M. Minimum wakefield achievable by waveguide damped cavity 100688
Lin, X.T. *see* Ko, K. 89759
Lin, Y. *see* Liu, P.-H. 97423

Lin, Y. *see* Luo, X. 75795
Lin, Y.-B. A cache approach for supporting lifetime UPT number 88248
Lin, Y.-B. Location tracking with distributed HLRs and pointer forwarding 99306
Lin, Y.-B., Chen, W. Impact of busy lines and mobility on call blocking in a PCS network 68136
Lin, Y.-B., Noerpel, A., Harasty, D. Self-subrating for voice/data in PCS 99292
Lin, Y.-P., Vaidyanathan, P.P. Theory and design of two-dimensional filter banks: a review 97841
Lin, Y.-S., Huang, H.-C., Shung, C.B. Recycling queue management for shared buffer ATM switches 99001
Lin, Y.-T. *see* Kung, S.Y. 98177
Lin, Y.-T. *see* Ling, Z.-M. 60571
Lin, Y.B. *see* Kuo, T.C.T. 108604
Lin, Y.M. *see* Poon, P.W.F. 90503
Lin, Y.T. *see* Lu, C.N. 121132
Lin, Y.W. *see* Huang, S.R. 70801
Lin, Y.W. *see* Huang, S.R. 71030
Lin, Y.W. *see* Huang, S.R. 71120
Lin, Z., Yu, B. A quadratically convergent scaling Newton's method for nonlinear complementarity problems 72600
Lin Bao-Shuh *see* Bao-Shuh Lin
Lin Bin *see* Wang Baisuo 93684
Lin Bochien *see* Bochien Lin
Lin Bor-Ren *see* Bor-Ren Lin
Lin Chao-Ho *see* Chao-Ho Lin
Lin Chao-Kun *see* Chao-Kun Lin
Lin Chen *see* Chen Lin
Lin Chen-Hsiung *see* Chen-Hsiung Lin
Lin Chen-Shang *see* Chen-Shang Lin
Lin Chen-Yang *see* Chen-Yang Lin
Lin Cheng-Jung *see* Cheng-Jung Lin
Lin Chenglu *see* Chenglu Lin
Lin Chenlu *see* Guan Anmin 63261
Lin Chern Sheng *see* Chern Sheng Lin
Lin Chi-Der *see* Chi-Der Lin
Lin Chi-Ho *see* Chi-Ho Lin
Lin Chia-Hsing *see* Chia-Hsing Lin
Lin Chiang *see* Chiang Lin
Lin Chien-Li *see* Chien-Li Lin
Lin Chien-Tung *see* Chien-Tung Lin
Lin Chih-Chang *see* Chih-Chang Lin
Lin Chih-Chien *see* Chih-Chien Lin
Lin Chih-Hao *see* Chih-Hao Lin
Lin Chih-Ming *see* Chih-Ming Lin
Lin Chih-Pao *see* Chih-Pao Lin
Lin Chih-Ying *see* Chih-Ying Lin
Lin Chin-E *see* Chin-E Lin
Lin Chin-Teng *see* Chin-Teng Lin
Lin Ching-Fang *see* Ching-Fang Lin
Lin Chinlon *see* Chinlon Lin
Lin Chu-Hsing *see* Chu-Hsing Lin
Lin Chuan *see* Chuan Lin
Lin Chun-Hung *see* Chun-Hung Lin
Lin Chun-Shin *see* Chun-Shin Lin
Lin Chunguang *see* Zheng Xingshi 75788
Lin Der-Yuh *see* Der-Yuh Lin
Lin Faa-Jeng *see* Faa-Jeng Lin
Lin Fang-Chang *see* Fang-Chang Lin
Lin Feng *see* Lin Weimin 111713
Lin Feng *see* Tang Renyuan 71394
Lin Feng *see* Feng Lin
Lin Fucheng *see* Geng Jihong 75785
Lin Fucheng *see* Wang Ruisheng 65060
Lin Fucheng *see* Fucheng Lin
Lin Geeng-Lih *see* Geeng-Lih Lin
Lin Geng *see* Geng Lin
Lin Gong *see* Xydeas, C.S. 117280
Lin Gong-Ru *see* Gong-Ru Lin
Lin Gongping, Xu Zhengxin, Gao Yuliang, Zhang Bulin, Lin Tao DSM-1 compositive automatic system for dispatch and distribution 91047
Lin Guanwei *see* Cai Xiang 111502
Lin Guanwei *see* Dai Fei 120980
Lin Guanwei *see* Sun Hongbin 80944
Lin Hao-Hsiung *see* Hao-Hsiung Lin
Lin Haozhuan *see* Haozhuan Lin
Lin Herng-Der *see* Herng-Der Lin
Lin Heyun, Hu Mingqiang Numerical investigation of Coulomb gauge of magnetic vector potential in FEA of magnetic field problems 96932
Lin Hoang Yan *see* Hoang Yan Lin
Lin Hongrong *see* Chen Jian 68356
Lin Horng-Chih *see* Horng-Chih Lin
Lin Horng-Dar *see* Horng-Dar Lin
Lin Houjun *see* Houjun Lin
Lin How-Rern *see* How-Rern Lin
Lin Hsiao-Yi *see* Hsiao-Yi Lin
Lin Hsieh-Cheng *see* Hsieh-Cheng Lin
Lin Hua *see* Hua Lin
Lin Huang *see* Huang Lin
Lin Huang-Shen *see* Huang-Shen Lin
Lin Hung Chang *see* Hung Chang Lin
Lin Hung-Tser *see* Hung-Tser Lin
Lin I.-Nan *see* I.-Nan Lin
Lin Ichiang *see* Ichiang Lin
Lin Ie-Hong *see* Ie-Hong Lin
Lin Ing-Song *see* Ing-Song Lin
Lin Ja-Chen *see* Ja-Chen Lin
Lin Jeen-Fong *see* Jeen-Fong Lin
Lin Jen-Cheng *see* Jen-Cheng Lin
Lin Jenn-Wei *see* Jenn-Wei Lin
Lin Jenn-Yih *see* Jenn-Yih Lin
Lin Jenq-Jong *see* Jenq-Jong Lin
Lin Jenshan *see* Jenshan Lin
Lin Ji-Nan *see* Ji-Nan Lin
Lin Jia-Chuan *see* Jia-Chuan Lin
Lin Jiaan-Yow *see* Jiaan-Yow Lin
Lin Jiann-Tyng *see* Jiann-Tyng Lin
Lin Jianrong *see* Tan Dun 89489
Lin Jie *see* Jie Lin
Lin Jiming, Yin Suozhu, Li Wenbo Performance of combined SAW convolver/serial-search acquisition for DSSS system with single-tone jamming 118766
Lin Jiming *see* Zeng Zhaohua 71600
Lin Jin-Feng *see* Jin-Feng Lin
Lin Jing *see* Chen Wei 99737
Lin Jing-Cheng *see* Jing-Cheng Lin
Lin Jinhua *see* Jinhua Lin
Lin Jinting *see* Sun Xiaowei 74755
Lin Jinting *see* Wu Ying 73707
Lin Jinting *see* Jinting Lin
Lin Jiun-Hwa *see* Jiun-Hwa Lin
Lin Jizoo *see* Jizoo Lin
Lin Jui-Yuan *see* Jui-Yuan Lin
Lin Jun, Su Qiang Luminescence of Pb^{2+} and energy transfer from Pb^{2+} to rare earth ions in silicate oxyapatites 106957
Lin Jzau-Sheng *see* Jzau-Sheng Lin
Lin Kang *see* Yan Gao 73698
Lin Kang-Cheng *see* Kang-Cheng Lin
Lin Kang-Ping *see* Kang-Ping Lin
Lin Kuang-Hui *see* Kuang-Hui Lin
Lin Kuei-Huei *see* Kuei-Huei Lin
Lin Kun-Wei *see* Kun-Wei Lin
Lin Kwang Ming *see* Kwang Ming Lin
Lin Kwang-Lung *see* Kwang-Lung Lin
Lin Kwang-Ming *see* Kwang-Ming Lin
Lin Kwei-Jay *see* Kwei-Jay Lin
Lin Lanying *see* Lanying Lin
Lin Li High temperature magnetic properties of 49%Co-2%V-Fe alloy 64212
Lin Li *see* Li Lin
Lin Lian-Jyi *see* Lian-Jyi Lin
Lin Liangkung *see* Liangkung Lin
Lin Lih-Yuan *see* Lih-Yuan Lin
Lin Lihuang *see* Li Chuandong 75870
Lin Lin *see* Ji Wu 109759
Lin Lin *see* Lin Lin
Lin Ling *see* Ling Lin
Lin Liu *see* Liu Lin
Lin Liwei *see* Liwei Lin
Lin Lung-Wei *see* Lung-Wei Lin
Lin Mao-Chao *see* Mao-Chao Lin
Lin Mei *see* Wen H. Liu 84810
Lin Meng *see* Meng Lin
Lin Meng-Jou *see* Meng-Jou Lin
Lin Mengjou *see* Mengjou Lin
Lin Ming *see* Ming Lin
Lin Ming-Shan *see* Ming-Shan Lin
Lin Ming-Tsan *see* Ming-Tsan Lin
Lin Mou-Shiung *see* Mou-Shiung Lin
Lin Mu-Shen *see* Mu-Shen Lin
Lin Ni *see* Ni Lin
Lin Ouyang *see* Ouyang Lin
Lin Ping-Way *see* Ping-Way Lin
Lin Pinxing *see* Sun Hongyan 97825
Lin Qiang A detecting method for contour-based optical flow field of heart in ultrasound B-scan images 101267
Lin Qiang *see* Qiang Lin
Lin Qiu Mao *see* Mao Lin Qiu
Lin Quanta *see* Li Jilin 87833
Lin Qun *see* Brunner, H. 61084
Lin Rong *see* Rong Lin
Lin Shang *see* Wang, R.K. 117576
Lin Shengli *see* Du Wenqi 76424
Lin Shi-Ming *see* Shi-Ming Lin
Lin Shi-Yow *see* Shi-Yow Lin
Lin Shiming *see* Liu Ying 96390
Lin Shiu-Yung *see* Shiu-Yung Lin
Lin Shiuan Huei *see* Shiuan Huei Lin
Lin Shiuan-Huei *see* Shiuan-Huei Lin
Lin Shu *see* Shu Lin
Lin Shu-Yu *see* Shu-Yu Lin
Lin Shu-Yuh *see* Shu-Yuh Lin
Lin Shujie *see* Shujie Lin
Lin Shyue-Shyh *see* Shyue-Shyh Lin
Lin Sihan *see* Sihan Lin
Lin Sinn-Cheng *see* Sinn-Cheng Lin
Lin Song-Bin *see* Song-Bin Lin
Lin Sychyi, Richardson, J.T., Luss, D. Continuous synthesis of YBa$_2$Cu$_3$O$_{6+x}$ by thermal explosion in a rotary kiln 75331
Lin Tan Yoke *see* Yoke Lin Tan
Lin Tao *see* Lin Gongping 91047
Lin Thu-Ji *see* Thu-Ji Lin
Lin Thy-Sheng *see* Thy-Sheng Lin
Lin Tien-Yih *see* Tien-Yih Lin
Lin Ting-Huang *see* Ting-Huang Lin
Lin Ting-Huei *see* Ting-Huei Lin
Lin Ting-Ting Y. *see* Ting-Ting Y. Lin
Lin Tingyu *see* Tingyu Lin
Lin Tsai-Fa *see* Tsai-Fa Lin
Lin Tsann *see* Tsann Lin
Lin Tsun-Mei *see* Tsun-Mei Lin
Lin Tsung-Han *see* Tsung-Han Lin
Lin Tzung-Pao *see* Tzung-Pao Lin
Lin Wang *see* Yan Gao 73698
Lin Way *see* Way Lin
Lin Wei *see* Wei Lin
Lin Wei-Xun *see* Wei-Xun Lin
Lin Wei-Zhu *see* Wei-Zhu Lin
Lin Weigan *see* Weigan Lin
Lin Weimin, Yu Gang, Lin Yi, Lin Feng SCADA data transfer using telephone networks 111713
Lin Weizhu *see* Lai Tianshu 65174
Lin Weizhu *see* Weizhu Lin
Lin Wen-Piao *see* Wen-Piao Lin
Lin Wen-Tai *see* Wen-Tai Lin
Lin Wen-Wei *see* Wen-Wei Lin
Lin Win-Li *see* Win-Li Lin
Lin Wun-Chang *see* Wun-Chang Lin
Lin Wuu-Wen *see* Wuu-Wen Lin
Lin Wuyuan *see* Wuyuan Lin
Lin Xianshu, Yan Wenhua New generator models for power plant training simulators 71027
Lin Xiaocun *see* Shi Zhaojun 121223
Lin Xiaokang, Li Yihau, Mao Shiwen, Xiao Yi Narrowband ATM network 117955
Lin Xiaokang *see* Shi Fuqiang 118005
Lin Xin *see* Xin Lin
Lin Xing Ping *see* Xing Ping Lin
Lin Xinggang *see* Xinggang Lin
Lin Xingliang *see* Su Zhongmin 97516
Lin Xingliang *see* Wang Qing 118221
Lin Xu, Spielmann, C., Krausz, F., Szipocs, R. Ultrabroadband ring oscillator for sub-10-fs pulse generation 96208
Lin Xu *see* Spielmann, C. 116445
Lin Xuanxiong, Wei Yumei Gateway and security in TCP/IP computer networks 67595
Lin XuDuan *see* XuDuan Lin
Lin Xueyin *see* Xueyin Lin
Lin Yang *see* Yang Lin
Lin Yaw-Wen *see* Yaw-Wen Lin
Lin Yi *see* Lin Weimin 111713
Lin Yi-Bing *see* Yi-Bing Lin
Lin Yi-Cheng *see* Yi-Cheng Lin
Lin Yi-Chung *see* Yi-Chung Lin
Lin Yi-Zhong *see* Yi-Zhong Lin
Lin Yikun *see* Luo Xizhang 65050
Lin Yikun *see* Zheng Xingshi 65049
Lin Yikun *see* Yikun Lin
Lin Yin The automatic leather area measuring system based on a single chip computer 100317
Lin Ying-Tso *see* Ying-Tso Lin
Lin Yinyi *see* Yinyi Lin
Lin Yo-Shen *see* Yo-Shen Lin
Lin Yo-Sheng *see* Yo-Sheng Lin
Lin Youn-Long *see* Youn-Long Lin
Lin Yu Cheng *see* Yu Cheng Lin
Lin Yu-Cheng *see* Yu-Cheng Lin
Lin Yu-De *see* Yu-De Lin
Lin Yu-Sheng *see* Yu-Sheng Lin
Lin Yuan-Pei *see* Yuan-Pei Lin
Lin Yuchi *see* Yuchi Lin
Lin Yukun *see* Zheng Xingshi 75788
Lin Yung Hao *see* Yung Hao Lin
Lin Yuzheng *see* Tang Chuanxiang 62556
Lin Yuzheng *see* Tang Chuanxiang 69666
Lin Ze-Min *see* Ze-Min Lin
Lin Zhang, Song-Zhen Wu, Nai-Kui Gao, Min Ii, Yang Wu, Heng-Kun Xei Effect of interface on DMA of polymer 61452
Lin Zhang *see* Leonardo, E.J. 76784
Lin Zhang Qi *see* Zhang Qi Lin
Lin Zhang Yuan *see* Yuan Lin Zhang
Lin Zhangda *see* Chen Qijin 83804
Lin Zhangda *see* Zhangda Lin
Lin Zhencai *see* Ye Hua 73708
Lin Zhencai *see* Zhang Guangzhao 69485
Lin Zhi, Wang Chengguang, Xie Zeming, Luo Huiping, Peng Jianliang, Rao Yumei The research of the computer aided system processing the mean field measurements for cellular mobile radio systems 116919
Lin Zhian, Chen Zhongjia, Wu Youwei, Zhong Xingjun Optimum method for 36 GHz Gunn in rectangular waveguide cavity 73715
Lin Zhiyuan *see* Zhang Zhengxian 75926
Lin Zhiyuan *see* Zhang Zhengxian 119212
Lin Zhongyun *see* Ding Xiaoqun 81519
Lin Zunqi *see* Meng Shaoxian 107483
Lin-Bao Yang *see* Tao Yang 114173
Lin-Bao Yang *see* Yang, T. 86330
Lin-Cheng Wang *see* Rizvi, S.A. 117595
Lin-Gwo Liou, Yi-Ping Hung Vehicle-type egomotion estimation using multiple cameras 86823
Lin-Her Jeng, Yuan-Yih Hsu Damping of torsional oscillations in a parallel AC/DC system using an artificial neural network tuned supplemental subsynchronous damping controller 80948
Linan, M. *see* Delgado-Restituto, M. 66542
Linan Garcia, R. *see* Tang, Y. 102813
Linan Li *see* Jingwei Tong 79730
Linares, I., Mersereau, R.M., Smith, M.J.T. Blocking reduction of Landsat Thematic Mapper JPEG browse images using optimal PSNR estimated spectra adaptive postfiltering 70436
Linares, J. *see* Prieto, X. 106844
Linares, L.R., Marti, J.R. Sub-area latency in a real time power network simulator 111446
Linares-Barranco, B. *see* Serrano-Gotarredona, T. 62106
Linares-Barranco, B. *see* Serrano-Gotarredona, T. 114168
Linates-Barranco, B. *see* Serrano-Gotarredona, T. 93640
Lincheng Xiu *see* Xiu Lincheng
Linchuan Li *see* Li Linchuan
Lincoln, D. A detailed study of plastic scintillating strips with axial wavelength shifting fiber and VLPC readout 100862

Lincoln, D. *see* Adams, M. 110591
Lincoln, G.A. *see* Bozler, C.O. 74062
Lincoln, G.A. *see* Kodis, M.A. 105010
Lincoln, I., Howland, R.S., Wells, K. Lithography applications of the new Tencor Surfscan AIT laser-based defect inspection system 112991
Lincoln, W. Simulation and visualization of Martian rover 120579
Lincot, D. *see* Guillemoles, J.-F. 61316
Lincot, D. *see* Vedel, J. 95948
Lind, A.T., Dershowitz, A., Chandra, D.C., Bussolari, S.R. A human factors approach to the development and evaluation of the graphical weather service 70373
Lind, D.M. *see* Ball, A.R. 106573
Lind, L. *see* Stahl, A. 100109
Lind, L.F., Mufti, N.A. Efficient method for modelling impulse noise in a communication system 97397
Lind, M. *see* Christensen, F. 82385
Lind, R., Karlsson, D. Distribution system modelling for voltage stability studies 102112
Lindaas, S., Howells, M., Jacobsen, C., Kalinovsky, A. X-ray holographic microscopy by means of photoresist recording and atomic-force microscope readout 116755
Lindahl, J. *see* Anand, S. 94329
Lindahl, S., Siljeholm, O. Reliability performance of protection systems 102248
Lindarto, T. *see* Tischer, P. 67134
Lindberg, A., Larsson, T. PWM and control of three level voltage source back-to-back station 70850
Lindberg, M. *see* Bott, K. 62940
Lindberg, P.C., Dasarathy, B.V., McCullough, C. Multi-level fusion exploitation 117351
Lindblad, T. *see* Costa, M. 90231
Lindblad, T. *see* Costa, M. 100982
Lindblad, T. *see* Lindsey, C.S. 83290
Lindblad, T. *see* Szekely, G. 97711
Lindblad, Th. *see* Eide, A. 114175
Linde, H.A.van der *see* van der Linde, H.A.
Linde, L.P. *see* Lotter, M.P. 99091
Linde, L.P. *see* Marx, F.E. 88102
Lindeberg, T Edge detection and ridge detection with automatic scale selection 86415
Lindeberg, T., Fagerstrom, D. Scale-space with casual time direction 67240
Lindefelt, U. *see* Gustafsson, U. 106041
Lindefelt, U. *see* Tornblad, O. 115133
Lindell, A., Saintola, R., Valli, K. Producing Ar^+ ions for ion-guide experiments by a corona discharge 110539
Lindell, I. *see* Sihvola, A. 69464
Lindell, I.V. Image theory for the soft and hard surface 65984
Lindell, I.V. Field decomposition in special gyrotropic media 76378
Lindell, I.V., Puska, P.P., Nikoskinen, K.I. Time domain study of generalized transmission lines 107966
Lindell, I.V. *see* Olyslager, F. 107745
Lindelof, P.E. *see* Hansen, L.T. 105262
Lindelof, P.E. *see* Taboryski, R. 94564
Lindemann, H., Schreiber, K., Blasius, P., Weck, K.H. Ageing of Heag 20 kV XLPE cables in network operation 81085
Lindemann, K. *see* Suss, W. 79326
Lindemer, W. *see* Batz, O. 111175
Linden, F.X.van der *see* van der Linden, F.X.
Linden, G.M.van Der *see* van Der Linden, G.M.
Linden, K. *see* Wahlstrom, B. 102152
Linden, K.J. *see* Serreze, H.B. 96213
Linden, M.van der *see* van der Linden, M.
Linden, T. *see* Filman, R. 118498
Linden, U. *see* Halin, M. 71061
Lindenbaum, M. An integrated model for evaluating the amount of data required for reliable recognition 87012
Lindenbaum, M. *see* Amir, A. 67250
Lindenbaum, M. *see* Gotsman, C. 67092
Lindenmeier, S., Isele, B., Weigel, R., Russer, P. A fast spatial domain method for the suppression of excitation-induced spurious modes in SCN-TLM 85910
Lindenmeier, S., Russer, P., Heinrich, W. Hybrid dynamic-static finite-difference approach for MMIC design 83475
Lindenstruth, V. *see* Klein, S.R. 90223
Lindenstruth, V. *see* Klein, S.R. 100976
Linder, C.E. *see* Weitkamp, W.G. 79785
Linder, D.H., Harden, J.H. Phased logic: supporting the synchronous design paradigm with delay-insensitive circuitry 113838
Linder, E. *see* Ashkinadze, B.M. 63039
Linder, J. *see* Mosanya, E. 73050
Linder, S., Baltes, H., Gnaedinger, F., Doering, E. Photolithography in anisotropically etched grooves 74644
Linder, T., Lugosi, G., Zeger, K. Designing vector quantizers in the presence of source noise or channel noise 86080
Linder, T., Zeger, K. On the cost of finite block length in quantizing unbounded memoryless sources 66433
Linder, T. *see* Krzyzak, A. 66955
Linderoth, S., Hendriksen, P.V., Mogensen, M., Langvad, N. Investigations of metallic alloys for use as interconnects in solid oxide fuel cell stacks 121865
Linderoth, S. *see* Mogensen, M. 81817
Linderstam, C., Soderquist, B.A.T. Monitoring the generic assembly operation for impact from gripping to finished insertion 89017
Lindert, N., Yoshida, M., Wann, C., Chenming Hu Comparison of GIDL in p^+-poly PMOS and n^+-poly PMOS devices 63747
Lindfors, S., Halonen, K. A novel clock feedthrough distortion cancellation method for SI-circuits 104729
Lindfors, S., Halonen, K. A differential 25 Mbit/s switched-current delta-sigma modulator 114015
Lindfors, S., Halonen, K., Riihiaho, J. Design considerations and an implementation of a S^2I current mode ΣΔ-modulator 93519
Lindgren, J. *see* Kylner, A. 113399
Lindgren, M., Svensson, J. Connecting fast switching voltage-source converters to the grid–harmonic distortion and its reduction 91653
Lindgren, P.D. Our Role in the Earth System: one K-12 school district's science education initiative 112808
Lindgren, U., van der Veen, A.-J. Source separation based on second order statistics–an algebraic approach 117508
Lindgren, U. *see* Sahlin, H. 117509
Lindholm, T. *see* Saari, H. 102283
Lindholm, T. *see* Saari, H. 111685
Lindhorst, W. *see* Haase, M. 71152
Lindinger, F. *see* Lerch, R. 110101
Lindle, J.R. *see* Malin, J.I. 65334
Lindle, J.R. *see* Malin, J.I. 96263
Lindlein, J. *see* Albers, D. 69756
Lindlein, N. *see* Falkenstorfer, O. 116748
Lindley, A. Spacecraft antennas–a EUTELSAT perspective 99454
Lindley, A. *see* Balling, P. 66176
Lindley, A. *see* Pearson, R.A. 66081
Lindley, C.A. An architecture and protocol for communications satellite constellations regarded as multi-agent systems 88413
Lindley, D. *see* Warren, J.G. 102537
Lindley, P.M. *see* Childs, K.D. 103401
Lindley, R.A., Hossain, L. Strategic network challenges: The case of public network planning and practice in Thailand 87503
Lindmark, E.K. *see* Wick, D.V. 96576
Lindmayer, M. High temperature superconductors as current limiters–an alternative to contacts and arcs in circuit breakers? 64586
Lindmayer, M. *see* Ming Sun 62427
Lindner, E. *see* Weber, J. 89047
Lindner, G. *see* Roth, H. 95309
Lindner, J. *see* Reinhardt, M. 87369
Lindner, J.K.N., Volz, K., Stritzker, B. Buried epitaxial layers of 3C-SiC in Si(100) and Si(111) by ion beam synthesis: a structural characterization 105568
Lindner, J.K.N. *see* Priolo, F. 94710
Lindner, M. *see* Thompson, P. 100412
Lindquist, E. *see* Persson, L. 68721
Lindquist, E. *see* Ren-Young Liu 80704
Lindquist, R. *see* Kulick, S. 100181
Lindquist, R.G. *see* Kowel, S.T. 95852
Lindqvist, L.E. *see* Adam, W. 69709
Lindroth, A. *see* Grelle, A. 80643
Lindsay, A.C. *see* Winnall, S.T. 76945
Lindsay, G., Wynne, K., Herman, W., Chafin, A., Hollins, R., Stenger-Smith, J., Hoover, J., Cline, J., Roberts, J. Multilayer $\chi^{(2)}$ NLO films prepared by the LBK process from novel accordion polymers 85595
Lindsay, G. *see* Talukder, M. 85588
Lindsay, J.T. *see* Kobayashi, H. 110500
Lindsay, J.T. *see* McGregor, D.S. 80059
Lindsay, J.T. *see* McGregor, D.S. 100871
Lindsay, P. *see* Salomon, M. 80032
Lindsay, P. *see* Salomon, M. 100852
Lindsay, P.A. *see* Xiaodong Chen 105024
Lindsay, R.W., Percival, D.B., Rothrock, D.A. The discrete wavelet transform and the scale analysis of the surface properties of sea ice 70514
Lindsay, S.M. *see* Jackson, H.E. 95760
Lindsay, S.M. *see* Naghski, D.H. 95707
Lindsay, W.S. *see* Ganesan, G.S. 92205
Lindsey, A.R., Medley, M.J. Wavelet transforms and filter banks in digital communications 98354
Lindsey, A.R. *see* Amin, M.G. 118810
Lindsey, C. *see* Szekely, G. 97711
Lindsey, C.S., Lindblad, T. Review of hardware neural networks: a user's perspective 83290
Lindsey, C.S. *see* Eide, A. 114175
Lindsey, W.C. *see* Jeng-Hong Chen 118879
Lindskog, E. Making SMI-beamforming insensitive to the sampling timing for GSM signals 97707
Lindstedt, G. Recognition using frequency sweep sonar 119330
Lindstedt, G. *see* Sobral, L. 80694
Lindstroem, G. *see* Feick, H. 110544
Lindstroem, G. *see* Fretwurst, E. 69806
Lindstroem, G. *see* Fretwurst, E. 110546
Lindstroem, G. *see* Li, Z. 90125
Lindstroem, G. *see* Li, Z. 100896
Lindstroem, G. *see* Wunstorf, R. 110550
Lindstrom, C. *see* Dale, S. 101095
Lindstrom, C. *see* Holmberg, M. 101259
Lindstrom, C.-O. *see* Delgado, G.F. 68818
Lindstrom, J. *see* Luomi, J. 91909
Lindstrom, K. *see* Laurell, T. 110232
Lindstrom, O. *see* Sakai, T. 71671
Lindstrom, R.M., Paul, R.L., Heald, A.E., Langland, J.K. Improved cold-neutron prompt gamma spectrometer 80135
Line, M.P. *see* Riolo, R.L. 70548
Linebarger, D.A. *see* DeGroat, R.D. 86186
Linebarger, D.A. *see* Fudge, G.L. 117386
Linebarger, D.A. *see* Yi-Chyun Tseng 66836
Linebarger, W. *see* Erickson, R. 89717
Lines, D. *see* Wineinger, G. 67217
Linfeng Ba *see* Ba Linfeng
Linfeng Chen, Ong, C.K., Tan, B.T.G. A resonant cavity for high-accuracy measurement of microwave dielectric properties 110345
Linfeng Mei, Ishizawa, N. Composition, structure and properties relationship in new borate nonlinear optical materials 64594
Linfield, E.H. *see* Field, M. 83946
Linfield, E.H. *see* Field, M. 105362
Linfield, E.H. *see* Frost, J.E.F. 62934
Linfield, E.H. *see* Hughes, R.J.F. 95019
Linfield, E.H. *see* Millard, I.S. 74359
Linfield, E.H. *see* Patel, N.K. 62900
Linfield, E.H. *see* Patel, N.K. 83947
Linfield, E.H. *see* Rubel, H. 105360
Linfield, E.H. *see* Turner, N. 63028
Linford, R.G. *see* Hagan, W.P. 112186
Ling, B., Wong, M.F., Picon, O., Fouad Hanna, V., Drissi, M. A rigorous dispersive characterization of radiating coplanar waveguide discontinuities and junctions 76520
Ling, B.M. *see* Zhuge, X.B. 110122
Ling, C.C. *see* Cheung, K.W. 68232
Ling, C.H., Ooi, J.A., Ang, D.S. Effects of tungsten silicidation on Fowler-Nordheim tunnelling current and charge trapping in polysilicon-oxide-silicon capacitors 63138
Ling, D.D. *see* Phillips, J.R. 82859
Ling, E.T.G. *see* Parkes, C. 84063
Ling, H., Moore, J., Kim, H., Trintinalia, L.C., Bhalla, R., Xu, G. Time-frequency processing of wideband radar echo: from fixed resolution to multiresolution and superresolution 99625
Ling, H. *see* Filindras, A. 85840
Ling, H.C. *see* Yan, M.F. 62383
Ling, J. *see* Rustako, A.J., Jr. 78506
Ling, M. *see* Collins, B.T. 95968
Ling, P. *see* Bangham, J.A. 77269
Ling, P. *see* Eldridge, C. 90922
Ling, P.D. *see* Bangham, J.A. 67237
Ling, P.D. *see* Bangham, J.A. 67367
Ling, P.D. *see* Bangham, J.A. 67368
Ling, R. Social transitions and new communication technologies 98530
Ling, R. The technological definition of social boundaries: videotelephony and the constitution of group membership 98605
Ling, S., Dasgupta, A. A nonlinear multi-domain stress analysis method for surface-mount solder joints 82200
Ling, T.G.I., Tegenfeldt, I.O., Montelius, L. Admittance spectroscopy of biomolecules using nanoelectrodes 69334
Ling, Y.C. *see* Wang, J.P. 72890
Ling, Y.C. *see* Wang, J.P. 75017
Ling, Z. *see* Salari, E. 67148
Ling, Z.-M., Pak, J., Beckage, P., Lin, Y.-T., Kittler, R., Shiau, Y. Analysis of within-run process variations using automated wafer-position tracking in Workstream 60571
Ling Chen, Kusaka, H., Kominami, M. Blind phase recovery in QAM communication systems using higher order statistics 67496
Ling Chen, Kusaka, H., Kominami, M. Cumulant-based blind channel equalization 76675
Ling Chen, Kusaka, H., Kominami, M. Blind equalizers using signal orthogonalization and higher order statistics 76955
Ling Cong, Sun Songgen Coherent demodulation of chaos shift keying 117150
Ling Fuyun *see* Fuyun Ling
Ling Guan An optimal neuron evolution algorithm for constrained quadratic programming in image restoration 77199
Ling Guan *see* Wong, E.P.K. 66892
Ling Hao *see* Hao Ling
Ling Hua *see* Hua Ling
Ling Jeeng-Min *see* Jeeng-Min Ling
Ling Lee Haw *see* Lee Haw Ling
Ling Li *see* Zhong Cao 88457
Ling Li *see* Zhong Cao 96154
Ling Li Tang *see* Tang Ling Li
Ling Lin *see* Pusarla, C. 116281
Ling Lu *see* Lu Ling
Ling Min, Zeng Hong Electrostatic properties of transformer oil and static electrification tests on transformer 91602
Ling Nam *see* Nam Ling
Ling San *see* San Ling
Ling Shi *see* Shi Ling
Ling Sing Wong Administrative and academic support [for engineering education] 60425
Ling Ting-Li *see* Ting-Li Ling
Ling Tong *see* Tong Ling
Ling Wang, Honkasalo, Z., Hamalainen, J., Jokinen, H. A physical layer proposal for multi-slot packet radio services in the existing TDMA cellular system 88381
Ling Wang, Silventoinen, M., Honkasalo, Z. A new algorithm for estimating mobile speed at the TDMA-based cellular system 109552

Ling Wang *see* Gonghai Ren 92158
Ling Wang *see* Honkasalo, Z. 68306
Ling Wang *see* Wang Ling
Ling Wei, Tong Linsu, Wu Shengli An intelligent design of electron lens system 76350
Ling Weixin, Zheng Qilun A high speed programmable fuzzy logic controller 93288
Ling Yi Liu *see* Oka, M. 96698
Ling Yong-Chien *see* Yong-Chien Ling
Ling Yuesheng *see* Yuesheng Ling
Ling Yunmian *see* Gao Wanrong 100354
Ling Zhihua *see* Jianq Min 95881
Ling Zishu Analysis and improving suggestions on short circuit damaging faults for 110 kV transformers 91603
Ling-Hwei Chen, Yeuan-Kuen Lee A new approach for recognizing multifont Chinese characters used in a special application 97889
Ling-Hwei Chen *see* Chun-Ta Ho 67032
Ling-Ling Tsai *see* Huang, R.S. 110839
Ling-Ling Wang *see* Chin-Chou Chang 108672
Ling-Ling Wang *see* Hsin-Tong Kao 77516
Ling-Sheng Chen Evolution of wireless and personal communications. Road towards FPLMTS 119044
Ling-Tan, S.L. *see* Brown, N. 88900
Ling-Xiang Zhou, Wei-Kang Gu Local shape similarity limits for stereo matching 86866
Lingard, D.M. A deconvolution technique for measuring D-region radio wave backscatter 80634
Lingard, D.M. Comparison of a deconvolution technique for measuring mesospheric winds with the spaced antenna technique 80635
Lingbing Chen *see* Chen Lingbing
Lingbing Kong *see* Kong Lingbing
Linge, N. *see* Abdul Rahman, A.M. 109115
Linge, S. *see* Skeie, T. 98971
Linge, S. *see* Waadeland, T. 98514
Linggen Song, Xiangfu Zong, Shu Qin, Chung Chan Study of hydrogen gettering effects in plasma immersion ion implantation doping experiments 114870
Linghai Zeng *see* Zeng Linghai
Lingjie Guo *see* Leobandung, E. 63820
Lingjie Meng *see* Zonguang Yu 83178
Lingley-Papadopoulos, C.A. *see* Moser, L.E. 67726
Lingli Wang *see* Wanming Yu 69534
Lingling Sun *see* Sun Lingling
Lings, R.J. Development of an accelerated life test procedure for electronic prepayment metering 102297
Lingxiong Shao, Karp, J.S. Modified convolution-subtraction scattering correction technique for 3D PET 90442
Lingyan Chen *see* Chen Lingyan
Lingyu Chen *see* Fuchuan Sun 66963
Lingyun Jang *see* Jang Lingyun
Linh Anh Le Huy *see* Huy Linh Anh Le
Linhart, A.M. *see* Brundermann, E. 75934
Linhofer, G. *see* Steimer, P. 91663
Linholm, L.W. *see* Cresswell, M.W. 115087
Linholm, L.W. *see* Cresswell, M.W. 115333
Linhua Yu *see* Chuangtian Chen 107555
Linial, N., Sasson, O. Non-expansive hashing 97490
Linick, E.H., Seshadri, V.N. ITU-T SG2 activities related to Group 3 facsimile performance 98627
Lining Wang *see* Wang Lining
Linington, P.F., Derrick, J., Bowman, H. The specification and testing of conformance in ODP systems 118405
Link, D. *see* Chabloz, P. 92905
Link, J., Mueller-Huelsbeck, S., Brossmann, J., Grabener, M., Stock, U., Heller, M. Prospective assessment of carotid bifurcation disease with spiral CT angiography in surface shaded display (SSD)-technique 90396
Link, P.J. *see* Bentley, J.M. 91778
Linke, H. *see* Omling, P. 83935
Linke, P. *see* Biermann, E. 63285
Linke, R.A., Thio, T., Chadi, J.D., Devlin, G.E., MacDonald, R., Mizuta, M. Observation of strong optical diffraction from plasma gratings written into AlGaAs:Si 65455
Linke, R.A. *see* MacDonald, R.L. 65503
Linke, R.A. *see* Thio, T. 64617
Linke, R.A. *see* Thio, T. 74219
Linke, R.A. *see* Yao Li 88554
Linker, D.T. *see* Chalana, V. 80267
Linker, F. *see* Whitman, L.J. 82640
Linkhoded, N.A. Synthesis of systolic processors for linear algebraic equation set solution 113234
Linkopoulos, T.M., Wenjin Zhang, Ahn, G.H. Electroplated thick CoNiMnP permanent magnet arrays for micromachined magnetic device applications 74894
Lin'kova, E.R. *see* Avrutskii, I.A. 107332
Lin'kova, E.R. *see* Zvonkov, B.N. 61277
Links, J.M., Prince, J.L., Gupta, S.N. A vector Wiener filter for dual-radionuclide imaging 120302
Linlin Gui *see* Qinlin Guo 92705
Linlin Li, Haldar, M.K., Chang Yuen Teo, Mendis, F.V.C. Dynamic properties of optically switched bistable semiconductor lasers 65355
Linlin Li *see* Chang Yuen Teo 85488
Linnartz, J.-P.M.G. Imperfect sector antenna diversity in slotted ALOHA mobile network 119056
Linnartz, J.-P.M.G. *see* van den Broek, C. 99161
Linnartz, J.P.M.G. *see* Fedortsov, S.P. 88382
Linnebur, P. *see* Davidson, J.H. 96963
Linnecar, T. *see* Boussard, D. 100470
Linnecar, T. *see* Faugier, A. 79947
Linnecar, T. *see* Faugier, A. 79948
Linnemann, H. *see* Adam, W. 118639
Linnemann, R., Gotszalk, T., Rangelow, I.W., Dumania, P., Oesterschulze, E. Atomic force microscopy and lateral force microscopy using piezoresistive cantilevers 69077
Linnemann, R. *see* Hudek, P. 63504
Linnenbank, G.R.J., Havinga, P.J.M., Mullender, S.J., Smit, G.J.M. Request-TDMA: a multiple-access protocol for wireless multimedia networks 77693
Linner, P. *see* Gevorgian, S. 65942
Linner, P. *see* Gevorgian, S. 114232
Linner, P. *see* Gevorgian, S.S. 95623
Linner, P.L.J. *see* Gevorgian, S.S. 73825
Linnert, U. Correct and fast network simulation using the new calculation method SDLV3 with advancing implied Euler step 111441
Linnett, L. *see* Calder, B. 80325
Linnett, L.M. *see* Bell, J.M. 68729
Linnett, L.M. *see* Calder, B.R. 68717
Linnett, L.M. *see* Carmichael, D.R. 70507
Linnett, L.M. *see* Carmichael, D.R. 90731
Linnman, S. M3S: the local network for electric wheelchairs and rehabilitation equipment 110950
Linnros, J., Lalic, N., Knapek, P., Luterova, K., Kocka, J., Fejfar, A., Pelant, I. Instabilities in electroluminescent porous silicon diodes 96016
Linnros, J. *see* Lalic, N. 96025
Lino, P. *see* Valls, V. 72472
Lino, P. *see* Valls, V. 82420
Linot, B., Wong, M.F., Picon, O., Fouad Hanna, V., Drissi, M. Analysis of radiative discontinuities on coplanar lines by means of integral equations 65953
Lins, Z.D., de Carvalho, M.A., Jr. An expert system for power distribution network feeder planning 91056
Linscott, I. *see* Claus, R. 100601
Linscott, I. *see* Hettel, R. 100619
Linscott, I. *see* Teytelman, D. 100523
Linsenmeyer, J. *see* Chubin, D. 103356
Linshu Kong, Chou, S.Y. Nonmonotonic length dependence of switching field of nanolithographically defined single-domain nickel and cobalt bars 64269
Linshu Kong *see* Chou, S.Y. 75259
Linshu Kong *see* Kong Linshu
Linss, G. *see* Bruckner, P. 82282
Linsu, W.C.T. A new way of improving the sensitivity of deflection yokes 65714
Linsu Tong *see* Bao Ping Wang 73965
Linsu Tong *see* Bao Ping Wang 74026
Linsu Tong *see* Baoping Wang 83733
Linsu Tong *see* Jiye Ximen 99755
Linsu Tong *see* Tong Linsu
Linthicum, D.S. The successes and failures of application development tools 67735
Linthicum, D.S. Partitioning power [PowerBuilder 5.0] 77928
Linton, D. Selected topics on the analysis and fabrication of high-frequency MMICs 93922
Linton, D. *see* Dawoud, Y.D.S. 113702
Linton, D. *see* Parks, G. 62311
Linton, D. *see* Robinson, J. 62359
Linton, D. *see* Robinson, J. 73775
Linton, D. *see* Salamh, D. 85920
Linton, D.G., Khajenoori, S., Yi, Y., Hebert, G. A fast algorithm for repair-depot reliability-evaluation 113029
Linxian Hu *see* Hu Linxian
Linyong Pang, Xiaoping Wu Nondestructive testing by ESPI and quasi phase shift gradient technique 69533
Linzen, S. *see* Seidel, P. 95484
Linzhen Xie *see* Kan Zhang 119207
Linzhen Xie *see* Xie Linzhen
Linzheng Xie *see* Xie Linzheng
Linzhi Hu *see* Farag, A.S. 102909
Lio, J.-B., Lin, M.-S., Chen, D.Y., Feng, W.-S. Single-switch soft-switching flyback converter 102819
Lio, M.Da *see* Da Lio, M.
Lio Jan-Bin *see* Jan-Bin Lio
Lio Yu *see* Yaparpalvi, R. 80465
Lion, M. *see* Znaty, S. 87846
Lion, Y. *see* Slangen, P. 79728
Lion, Y.F. *see* Slangen, P.R.L. 89536
Lionheart, W.R.B. The anisotropic EIT problem 100269
Lionheart, W.R.B. *see* Shi, Y. 101358
Liotopoulos, F.K., Chalasani, S. Semi-centralized routing algorithms for 3-stage Clos networks 117997
Liotta, G. *see* Bose, P. 92634
Liou, C.H. *see* Lu, C.R. 62705
Liou, H.K. *see* Tu, K.N. 84038
Liou, J.J., Huang, C.I., Barrette, J. Monitoring the AlGaAs-GaAs HBT current gain long-term instability based on noise and leakage current characteristics 84336
Liou, J.J., Yue, Y. High-level free-carrier injection in advance bipolar junction transistors 94932
Liou, J.J., Yue, Y. An improved model for four-terminal junction field-effect transistors 95037
Liou, J.J. *see* Garcia Sanchez, F.J. 94885
Liou, J.J. *see* Ho, C.S. 63642
Liou, J.J. *see* Kager, A. 84338
Liou, J.J. *see* Khan, A. 93129
Liou, J.J. *see* Ko-Ming Shih 63797
Liou, J.J. *see* Latiff, Z. 74720
Liou, J.J. *see* Narayanan, R. 84428
Liou, J.J. *see* Narayanan, R. 95024
Liou, J.J. *see* Narayanan, R. 106048
Liou, J.J. *see* Ortiz-Conde, A. 63578
Liou, J.J. *see* Schwierz, F. 115231
Liou, J.J. *see* Sheu, S. 63633
Liou, J.J. *see* Sheu, S. 94945
Liou, J.J. *see* Sheu, S. 105924
Liou, J.J. *see* Yue, Y. 94913
Liou, J.J. *see* Yue, Y. 94918
Liou, J.J. *see* Yue, Y. 95004
Liou, J.J. *see* Yue, Y. 105961
Liou, J.J.-H. *see* Khotanzad, A. 86960
Liou, K.-Y., Glance, B., Koren, U., Burrows, E.C., Raybon, G., Burrus, C.A., Dreyer, K. Monolithically integrated semiconductor LED-amplifier for applications as transceivers in fiber access systems 68486
Liou, K.-Y. *see* Glance, B. 99572
Liou, L. *see* Huang, C.I. 93848
Liou, L. *see* Jenkins, T. 74704
Liou, L.L., Jenkins, T., Barrette, J., Barlage, D., Lee, R. Small-signal microwave characteristics of AlGaAs/GaAs heterojunction bipolar transistors using 1D numerical simulation including thermal and parasitic effects 74665
Liou, M.L. *see* Akramullah, S.M. 88015
Liou, M.L. *see* Akramullah, S.M. 98941
Liou, M.L. *see* Je Zhu 117437
Liou, R. *see* Kwok, P. 89918
Liou, R. *see* Lai, C.H. 89646
Liou, R. *see* Wu, H. 62609
Liou, R.L. *see* Mori, W.B. 62598
Liou, S.H. *see* Hopkins, P.F. 84821
Liou, W.R., Lin, J.-C., Yeh, M.-L. Simulation and analysis of a high-frequency resonant tunneling diode oscillator 74696
Liou, W.R. *see* Wang, S.J. 74674
Liou, Y., Huang, J.C.A., Yao, Y.D., Yang, W.T., Liao, S.Y., Chang, C.P. Influence of the crystal structure on the magnetic property of Co/Cr superlattices 75200
Liou, Y. *see* Bai, S.N. 75265
Liou, Y. *see* Ching-Ray Chang 115569
Liou, Y. *see* Yao, Y.D. 113378
Liou Cheng-Yuan *see* Cheng-Yuan Liou
Liou Huoy-Yu *see* Huoy-Yu Liou
Liou Jinn-Rong *see* Jinn-Rong Liou
Liou Lin-Gwo *see* Lin-Gwo Liou
Liou RongLin *see* RongLin Liou
Liou Wan-Rone *see* Wan-Rone Liou
Liou Yuei-An *see* Yuei-An Liou
Liou Yung *see* Yung Liou
Lioukas, G. Telstra's data services 67653
Liousse, F. *see* Naudin, N. 69546
Lioutas, C. *see* Lagadas, M. 113363
Lioutas, C. *see* Paloura, E.C. 105497
Lioutas, C.B. *see* Polychroniadis, E.K. 94430
Liow, J.-S., Strother, S.C. Normalization using rotating rods for 3D PET 70068
Lipa, S. *see* Banerjia, S. 60656
Lipasti, L. An FIR filter processor for a sigma-delta multimedia audio codec 98942
Lipasti, L., Heikkila, J., Honkanen, S., Kakela, P., Riihiaho, J. FIR filter processor for sigma-delta multimedia audio codec 99802
Lipets, A.U., Kuznetsova, S.M., Dirina, L.D. Rotary regenerative or recuperative tubular air heaters (myths and reality) 102450
Lipets, A.U. *see* Styrikovich, M.A. 102451
Lipinski, I.E., Michalski, J. Wettability of the EPDM elastomers as an aspect of selfwashability of high-voltage insulator 102220
Lipka, K.-M. *see* Kohn, E. 82666
Lipka, M. *see* Ban, J. 69810
Lipka, M. *see* Boudart, B. 74756
Lipka, M. *see* Thomas, H. 105982
Lipka, S.M., Nechev, K.S., Coates, D.K. Silver oxide-metal hydride cell: preliminary performance and analysis 71670
Lipka, S.M. *see* Coates, D.K. 112208
Lipkin, J. *see* He, M.Y. 63448
Lipkin, L.A., Palmour, J.W. Improved oxidation procedures for reduced SiO_2/SiC defects 74572
Lipkin, L.A. *see* Kivi, M.J. 84381
Lipkin, L.A. *see* Palmour, J.W. 106044
Lipkin, L.A. *see* Slater, D.B., Jr. 63703
Lipkin, L.A. *see* Slater, D.B., Jr. 106240
Lipkin, L.A. *see* Wang, Y. 74325
Lipkin, L.A. *see* Xie, W. 105922
Lipman, A. The race for the last mile [local telecommunications] 87979
Lipman, A.D. The building blocks for competitive information infrastructure 87532
Lipman, J. EDA tools accelerate high-speed pc-board design 62447
Lipman, J. Putting your money on Windows-based tools 82837
Lipman, J. The hard facts about soft cores [portable logic blocks] 113922
Lipman, J. *see* Slusarczyk, R. 61701
Lipo, T.A., Yue Li, Xiaogang Luo, Sarlioglu, B. Doubly salient permanent magnet machines–a progress report 91437
Lipo, T.A. *see* Abeyratne, S.G. 91812
Lipo, T.A. *see* Bernet, S. 121574

Lipo, T.A. *see* Bhattacharya, S. 121700
Lipo, T.A. *see* De Broe, A.M. 122007
Lipo, T.A. *see* Erkuan Zhong 121776
Lipo, T.A. *see* Julian, A. 71421
Lipo, T.A. *see* Julian, A.L. 121734
Lipo, T.A. *see* Leonardi, F. 111917
Lipo, T.A. *see* Osama, M. 103111
Lipo, T.A. *see* Shakal, A. 102620
Lipo, T.A. *see* Shaotang Chen 81579
Lipo, T.A. *see* Yifan Zhao 71747
Lipo, T.A. *see* Zhao, Y. 111974
Lipo, T.A. *see* Zhao, Y. 112469
Lipovetsky, S. The synthetic hierarchy method: an optimizing approach to obtaining priorities in the AHP 103578
Lipowska-Nadolska, E.A. Systolic signal processing 93311
Lipp, A., Gu, X. Real time cycle-slip detection with integrated navigation systems 79062
Lipp, D. *see* Hug, H.J. 75170
Lipp, R., Freeman, R., Saxe, T. A high density flash memory FPGA family 113947
Lipp, S., Frey, L., Lehrer, C., Demm, E., Pauthner, S., Ryssel, H. A comparison of focused ion beam and electron beam induced deposition processes 113475
Lipp, S. *see* Bohm, C. 93891
Lipp, S. *see* Takai, M. 83740
Lipparini, A. *see* Rizzoli, V. 114304
Lippens, D. *see* Lheurette, E. 84303
Lippens, P. *see* De Loore, B. 77534
Lipper, E.H. *see* Noerpel, A.R. 109460
Lipper, E.H. *see* Noerpel, A.R. 109492
Lipperheide, R. *see* Allen, L.J. 97217
Lipphardt, B. *see* Riehle, F. 68962
Lipphardt, B. *see* Riehle, F. 96093
Lippincott, M. *see* Caldas, R.P. 102292
Lippincott, M. *see* Caldas, R.P. 111686
Lipping, T. *see* Cerutti, S. 110852
Lippitsch, M.E., Draxler, S., Kieslinger, D., Lehmann, H., Weigl, B.H. Capillary waveguide optrodes: an approach to optical sensing in medical diagnostics 101083
Lippman, A.B. *see* Iyengar, G. 86568
Lippman, R.P. *see* Atal, B.S. 76869
Lippmann, J., Bauer, M., Peters, G. Methods of virtual heat flux determination from boundary layer wind profiler/RASS measurements 90763
Lippmann, J. *see* Engelbart, D. 90761
Lippmann, L., Jr, Pecoits, A.P., De Lima, H.H.M., Nohama, P. Speech recognition in applications for handicapped people 101439
Lippold, G. *see* Yakushev, M.V. 74309
Lips, K., Unold, T., Xu, Y., Crandall, R.S. Emission limited filling of deep defects in transient capacitance experiments 94409
Lips, P. *see* Christl, N. 81004
Lipsanen, H., Sopanen, M., Ahopelto, J. Fabrication and photoluminescence of quantum dots induced by strain of self-organized stressors 63046
Lipsanen, H., Sopanen, M., Taskinen, M., Tulkki, J., Ahopelto, J. Enhanced luminescence of near-surface quantum wells passivated in situ by InP 105336
Lipsanen, H. *see* McNally, P.J. 74766
Lipsett, M.S., Smith, R.K. Informal R&D and (real) national innovation systems 92125
Lipshits, T.L. *see* Akhin'ko, I.A. 63959
Lipson, H. *see* Shpitalni, M. 117826
Lipton, L., Halnon, J. Universal electronic stereoscopic display 100228
Lipton, R. Prospects for future beauty physics at the Tevatron 120214
Lipton, R. *see* Bagby, L. 100846
Lipton, R.J. *see* Boneh, D. 97508
Lipton, R.J. *see* Edahiro, M. 93293
Lipunov, N.B. *see* Korobeynikov, S.M. 64040
Liqiang Feng *see* Borenstein, J. 89482
Liqin Shen *see* Shen Liqin
Liqing Wu *see* Jincan Chen 81916
Liqiong Wei *see* Xing Zhang 84578
Liqiong Wei *see* Wei Liqiong
Liqun Chen, Gollmann, D., Mitchell, C.J. Distributing trust amongst multiple authentication servers 108838
Liqun Hu *see* Xiaodong Huang 82669
Liqun Song *see* Song Liqun
Lir-Fang Sun, Ju-Chen Hong, Chung-Tair Chow, In-Lan Lo Intelligent network rollout in Taiwan 78151
Lira, H. *see* Palma, R. 101983
Liren Liu, Guoqiang Li, Lan Shao, Yaozu Yin Optical 3-D stacked morphological processor module with variable thresholding 85207
Liren Liu *see* Binquan Wang 75574
Liren Liu *see* Binquan Wang 117564
Liren Liu *see* Binquan Wang 117663
Liren Liu *see* Bo Liu 64854
Liren Liu *see* Guoqiang Li 106895
Liren Liu *see* Haifeng Peng 75649
Liren Liu *see* Haifeng Peng 86974
Liren Liu *see* Hongxin Huang 75627
Liren Liu *see* Lan Shao 86890
Liren Liu *see* Lan Shao 95643
Liren Liu *see* Ning Wang 64853
Liren Liu *see* Ning Wang 86331
Liren Liu *see* Ning Wang 98011
Liren Xiang *see* Xiang Liren
Lirette, A. *see* Pouliot, J. 110898
Lirong Zheng, Chenglu Lin, W-Ping Xu, Okuyama, M. Drift and deformation of the hysteresis curve in thin film ferroelectric capacitors with conductance 95308
Lirong Zheng, Chenglu Lin, Xu, W.-P., Okuyama, M. Vertical drift of P-E hysteresis loop in asymmetric ferroelectric capacitors 75055
Lisa, M.A. *see* Beuville, E. 90203
Lisa, M.A. *see* Beuville, E. 100968
Lisa, M.A. *see* Klein, S.R. 90223
Lisa, M.A. *see* Klein, S.R. 100976
Lisak, M. *see* Berntson, A. 109627
Lisak, M. *see* Malomed, B.A. 65535
Lisak, M. *see* Quiroga-Teixeiro, M.L. 64643
Lisauskas, V. *see* Balevichius, S. 115973
Lisboa, O., Soda, H., Jen, C.K., Motoyasu, G., McLean, A. Thick-aluminum-coated optical fibers: fabrication and sensor application 64649
Lisbona, R. *see* Thompson, C.J. 101124
Lischka, H. *see* Henschel, H. 75506
Lischka, H. *see* Henschel, H. 106816
Lischka, K. *see* Schikora, D. 61233
Lischka, K. *see* Schikora, D. 72789
Lischka, K. *see* Widmer, T. 61186
Liscka, H., Henschel, H., Kohn, O., Lennartz, W., Metzger, S., Schmidt, H.U. Gamma and neutron irradiation of optoelectronic devices 107017
Lisec, T., Kreutzer, M., Wagner, B. A surface micromachined piezoresistive pressure sensor with high sensitivity 89043
Lisec, T., Kreutzer, M., Wagner, B. Surface micromachined piezoresistive pressure sensors with step-type bent and flat membrane structures 110077
Lisec, T., Kreutzer, M., Wenk, B., Wagner, B. A combined TMAH and HF sacrificial layer etching technique for surface micromachined devices 74921
Lisec, T. *see* Wagner, B. 74956
Lisenker, B., Nevo, Y. Model for EOS caused EF screening in CMOS VLSI 96928
Lisfi, A. *see* Guyot, M. 95358
Lishan Kang *see* Qiming He 72690
Lisheng Tian *see* Tian Lisheng
Lishin, I.V. *see* Akindinov, V.V. 76601
Lisi, M., Santachiara, V. Electronically steerable antenna at Ka-band for application on-board the data relay satellite 66034
Lisi, M., Santachiara, V. Antenna technologies for the second generation of European Meteorological Satellite 80623
Lisi, M., Santachiara, V., Di Bernardo, G. Antennas for Meteosat second generation satellites 66039
Lisi, N. *see* Moon, S.W. 104800
Lisiansky, B.E. *see* Morozova, S.P. 89080
Lisichkin, A.L., Nesterov, E.V., Stroganov, V.A. Calorimeter for pulsed microwave radiation 89475
Lisik, Z. Development of IGBT transistors design 115209
Lisik, Z. *see* Turowski, M. 63534
Lisin, A. *see* Bane, K. 89979
Lisin, V. *see* Huenger, A. 69838
Lisio, C.De *see* De Lisio, C.
Lisio, M.P.De *see* De Lisio, M.P.
Lisitsa, M.P. *see* Kulish, N.R. 107537
Lisitsa, M.P. *see* Kulish, N.R. 107538
Liska, D., Trpak, K., Gregora, P. Prague TV centre on the way from PAL/SECAM to digital broadcasting 119375
Lisovenko, V.A. Low-temperature phosphorescence of a diphenylenoxide crystal 106956
Lisovskii, Yu.A., Knizhnik, E.G., Stolyarov, V.L., Fionova, L.K. The structure and magnetic properties of Co-Cr thin films for perpendicular recording 95372
Liss, G. *see* Karlsson, T. 91116
Liss, R.M. *see* Rauscher, K.F. 78305
Lissner, A. *see* Fraile-Ordonez, J.M. 79053
List, F.A., Martin, P.M., Kroeger, D.M. An automated system for current-voltage characterization of ceramic superconductors 119545
List, M. *see* Vollmar, H.-P. 70520
List, S. *see* Bourenkov, A. 84413
List, S. *see* Sultan, A. 114699
Listanti, M., Salsano, S. Impact of signalling traffic for mobility management in an IN based PCS environment 67899
Listanti, M. *see* Baiocchi, A. 119125
Listanti, M. *see* Bernabei, F. 67775
Listanti, M. *see* Bernabei, F. 109671
Listanti, M. *see* Iannone, E. 109674
Listanti, M. *see* Mascoli, M. 68291
Lister, J.M.D. *see* Divall, E.J. 65036
Lister, T. *see* Brauksiepe, S. 100815
Listerud, J., Mitchell, J., Bagley, L., Grossman, R. OIL FLAIR: optimized interleaved fluid-attenuated inversion recovery in 2D fast spin echo 120346
Listvin, A.V., Listvin, V.N. Transfer characteristics of a pair of nondepolarizing polarizers 89136
Listvin, A.V., Listvin, V.N. On increasing the polarization capability of optical systems 106911
Listvin, V.N. *see* Listvin, A.V. 89136
Listvin, V.N. *see* Listvin, A.V. 106911
Lisunov, K.G., Arushanov, E.K., Kloc, C., Malang, U., Bucher, E. Hopping conductivity in p-type β-$FeSi_2$ 74311
Liswith, M.L., Bawolek, E.J., Dan Hirleman, E. Modeling of light scattering by submicrometer spherical particles on silicon and oxidized silicon surfaces 65863
Liszka, V. Fuses in the frequency convertor-simplified layout by computer simulation 73847
Lit, J.W.Y. Recent advances in fiber lasers 96135
Lit, J.W.Y. *see* Li Wei 76075
Lita, A. *see* Dinescu, M. 113505
Lita, A. *see* Mihailescu, I.N. 92821
Litan, L., Molitor, P., Moller, D. Least upper bounds on the sizes of symmetric variable order based OBDDs 92463
Litchakov, V. *see* Glasman, C. 117691
Lithgow, R. *see* Feng, M. 93697
Litian Liu *see* Jie He 84245
Litian Liu *see* Ping Chen 94880
Litian Liu *see* Qingxin Zhang 84174
Litian Liu *see* Quanbo Zou 89519
Litian Liu *see* Quanbo Zou 111361
Litian Liu *see* Shurong Li 94914
Litke, A.M. *see* Mours, B. 120196
Litkens, I.V. *see* Gerikh, V.P. 101688
Litman, A. *see* Even, G. 104505
Litovchenko, K., Lemaire, P., Barbier, C. A new quick-look optical SAR processor with digital input/output 120675
Litovchenko, P.G., Barabash, L.I., Kuts, V.I., Rosenfeld, A.B., Marusan, I.A., Pinkovska, M.B., Khivrich, V.I. P-channel MOS sensor for measurement of emergency gamma and neutron irradiation 120559
Litovchenko, P.G. *see* Vernidub, R.M. 116216
Litovchenko, P.G. *see* Vikhliy, G.A. 120560
Litovchenko, V.G., Korbutyak, D.V., Kryuchenko, Yu.V., Helbig, R. Photoluminescence of highly excited nonequilibrium electron-hole plasma in ZnO crystals 105191
Litovchenko, V.G., Kryuchenko, Yu.V. Computer simulation of field emission for multilayer cathodes 73937
Litovchenko, V.G. *see* Evtukh, A.A. 73957
Litovchenko, V.G. *see* Evtukh, A.A. 83716
Litovchenko, V.G. *see* Kryuchenko, Yu.V. 83698
Litscher, G., Kehl, G., Schwarz, G., Soyer, H.P. Neurophysiological signal recording. EEG electrodes: new technical and practical aspects 90494
Litscher, G., Schwarz, G., Dalageorgos, K., Neger, J., Kehl, G. Laser Doppler flowmetry–experience in the intensive care unit 110718
Litsky, A.S. *see* Lee, C.L. 70244
Litsyn, S. *see* Cohen, G. 72505
Litsyn, S. *see* Cohen, G. 108155
Litsyn, S. *see* Cohen, G.D. 66342
Litsyn, S. *see* Krasikov, I. 66418
Litsyn, S. *see* Levy-dit-Vehel, F. 66364
Litsyn, S. *see* Levy-dit-Vehel, F. 66391
Litsyn, S.N. *see* Ashikhmin, A.E. 86110
Litt, F.X. *see* Noo, F. 98325
Litt, M. *see* Wang, J.-T. 112308
Littelwood, S.D. *see* Torres, P. 105094
Little, B., Patterson, M.A. Embryofetal effects of neuroelectric therapy (NET) 70173
Little, B.E. Junction problem and loading effects in grating-assisted couplers 95731
Little, B.E. Ideal wavelength filters using semiadiabatic coupling 116188
Little, B.E., Chi Wu, Wei-Ping Huang Synthesis of optical wavelength filter responses 64874
Little, B.E., Chi Wu, Wei-Ping Huang Synthesis of ideal window filter response in grating-assisted couplers 64879
Little, B.E., Chu, S.T., Haus, H.A. Micro-ring resonator channel dropping filters 64873
Little, C.E., Jones, D.R., Fairlie, S.A., Whyte, C.G. Metal HyBrID lasers 116376
Little, C.E., Sabotinov, N.V. *(editors)* Pulsed Metal Vapour Lasers. Proceedings of the NATO Advanced Research Workshop on Pulsed Metal Vapour Lasers - Physics and Emerging Applications in Industry, Medicine and Science 112730
Little, D.R. *see* Frazier, M.J. 91862
Little, G.R. *see* Gustafson, S.C. 117725
Little, J. *see* Charlton, C. 118445
Little, J. *see* Jiping Lu 86441
Little, J.A., Hill, D.L.G., Hawkes, D.J. Deformations incorporating rigid structures [medical imaging] 110711
Little, J.C. *see* Almstrum, V.L. 103337
Little, J.W. *see* Beck, W.A. 69289
Little, L.M., Beernink, K.J., Papen, G.C., Coleman, J.J. Performance characteristics of a narrow-linewidth distributed-Bragg reflector laser for optical remote sensing systems 107314
Little, T.D.C. *see* Gibbon, J.F. 109211
Little, T.D.C. *see* Gibbon, J.F. 109248
Little, T.D.C. *see* Krishnamurthy, A. 119422
Little, T.D.C. *see* Venkatesh, D. 67728
Little, T.D.C. *see* Venkatesh, D. 119455
Littlechild, S.C. Operational research and regulation: theory and practice 70656
Littlefield, E. *see* Qiu, Y. 72758
Littlejohn, L.L. *see* Han, S.S. 60970
Littlejohn, M.A. *see* Ellis-Monaghan, J.J. 74726
Littlejohn, M.A. *see* Hulfachor, R.B. 63726
Littlejohn, M.A. *see* Mansour, N.S. 83941
Littlejohn, M.A. *see* Sirenko, Yu.M. 114776
Littlejohn, R.G. *see* Kim, K.-J. 89888
Littler, I.C.M., Eschner, J.H., Bachor, H.-A. Sub-kHz precision voltage-controlled-oscillator system for laser frequency control: an application in atom optics 113803

Littler, T.B., Courtney, D.A., Morrow, D.J. Adaptive data compression and analysis of power system disturbances using the wavelet packet transform 90936
Littlewood, P. *see* Wegscheider, W. 65289
Littman, M.K. A managerial analysis of ATM in facilitating distance education 118494
Littmann, B., Henke, H. Feasibility study of optically coupling RF-power at mm waves 102828
Littmann, B. *see* Schonfeld, F. 100655
Littmann, E., Drees, A., Ritter, H. Neural recognition of human pointing gestures in real images 98293
Litva, J., Wu, C., Ghaforian, A. Use of FDTD for simulating the angle of arrival and time delay of signals propagating in indoor environments 65843
Litva, J., Wu, C., Navarro, E. On incorporating signal processing and neural network techniques with the FDTD method for solving electromagnetic problems 83347
Litva, J. *see* Ji Chen 90828
Litva, J. *see* Navarro, E.A. 92651
Litva, J. *see* Navarro, E.A. 116953
Litva, J. *see* Quach, B. 119293
Litva, J. *see* Sandhu, A. 88385
Litva, J. *see* Wang, F. 99614
Litva, J. *see* Wei Zhang 85875
Litva, J. *see* Wu, C. 76323
Litva, J. *see* Yihong Qi 97118
Litva, J. *see* Zhang, Y. 109743
Litvak, H.E., Tzeng, H.-M. Implementing real-time endpoint control in CMP 114920
Litveninko, V. *see* Carman, T.S. 110634
Litvin, D.P. *see* Maltsev, A.A. 103987
Litvin, L.V. *see* Bykov, A.A. 105293
Litvin, L.V. *see* Bykov, A.A. 105334
Litvinenko, L.N., Pogarsky, S.A., Prosvirnin, S.I. Wave diffraction by semi-infinite periodical structures 76411
Litvinenko, V. *see* Denbeaux, G. 107398
Litvinenko, V. *see* Dickey, C. 89932
Litvinenko, V.N. Resonant conditions for a storage ring short wavelength FEL with power exceeding Renieri limit 107389
Litvinenko, V.N., Burnham, B., Hower, N., Morcombe, P., Wu, Y. Duke storage ring tune measurements system using razor blade and photomultiplier 100537
Litvinenko, V.N., Burnham, B., Madey, J.M.J., Park, S.H., Wu, Y. Duke storage ring UV/VUV FEL: status and prospects 96466
Litvinenko, V.N., Madey, J.M.J. Intense Compton γ-ray source from the Duke storage ring FEL 107388
Litvinenko, V.N., Wu, Y., Burnham, B., Madey, J.M.J., Carter, F., Dickey, C., Emamian, M., Gustavsson, J., Hower, N., Morcombe, P., Park, S.H., O'Shea, P., Sachtshale, R., Straub, D., Swift, G., Wang, P., Widgren, J. Commissioning of the Duke Storage Ring 79873
Litvinenko, V.N., Wu, Y., Burnham, B., Madey, J.M.J., Park, S.H. Performance of achromatic lattice with combined function sextupoles at Duke Storage Ring 89685
Litvinenko, V.N. *see* Burnham, B. 79956
Litvinenko, V.N. *see* O'Shea, P.G. 89770
Litvinenko, V.N. *see* O'Shea, P.G. 107380
Litvinenko, V.N. *see* Park, S.H. 107372
Litvinenko, V.N. *see* Wu, Y. 89829
Litvinenko, V.N. *see* Wu, Y. 89931
Litvinenko, V.N. *see* Wu, Y. 96480
Litvinov, V.F. *see* Kalashnikov, A.N. 114058
Litwin-Staszewska, E. *see* Brunthaler, G. 62966
Litwin-Staszewska, E. *see* Suski, T. 74227
Litwin-Staszewska, E. *see* Wisniewski, P. 105290
Litynski, D.M., Reinhard, K.E., Tousley, B.C. Integrating electromagnetic fields innovations in an undergraduate curriculum 72132
Litynski, D.M. *see* DeCusatis, C. 86477
Litz, M. *see* Wu, Q. 69109
Litz, M.T., Watanabe, K., Korn, M., Ress, H., Lunz, U., Ossau, W., Waag, A., Landwehr, G., Walter, T., Neubauer, B., Gerthsen, D., Schuessler, U. Epitaxy of $Zn_{1-x}Mg_xSe_yTe_{1-y}$ on (100)InAs 74160
Litz, T., Fischer, F., Schindelin, C., Heinke, H., Mackh, G., Ossau, W., Waag, A., Landwehr, G. The potential of CdMgTe as basic material for opto-electronic devices 64913
Litz, T. *see* Waag, A. 92708
Liu, A., Song, J., Kamatani, K., Ueda, K. Rectangular double-clad fibre laser with two-end-bundled pump 107140
Liu, A. *see* Lawson, W. 62614
Liu, A. *see* Lawson, W. 105044
Liu, A. *see* Mundy, J. 117687
Liu, A.A., Kim, H.K., Tu, K.N., Totta, P.A. Spalling of Cu_6Sn_5 spheroids in the soldering reaction of eutectic SnPb on Cr/Cu/Au thin films 103422
Liu, A.G. *see* Zeng, X.C. 114894
Liu, A.K., Tseng, W.Y., Chang, S.Y.-S. Wavelet analysis of AVHRR images for feature tracking 111255
Liu, A.K. *see* Peng, C.Y. 111242
Liu, A.P. *see* Song, J. 116451
Liu, B., Clegg, W.W. Computer modelling of spatial temperature gradient dependence of magnetic field modulation in magneto-optic recording 106613
Liu, B., Clegg, W.W. Modelling of boundary regularity and thermo-magnetic writing process of magneto-optic recording 106614
Liu, B., Hu, S.B., Low, T.S., Soh, S.H., Yip, J. Skew angle and its effects on Gb/in^2 density magnetic recording 64402
Liu, B., Soh, S.H. Effects of seeking velocity on air bearing skew angle, air flow speed and flying performance of sliders with different ABS designs 115696
Liu, B., Soh, S.H., Chekanov, A., Hu, S.B., Low, T.S. Particle build-up on flying sliders and mechanism study of disk wear and head-disk interface failure in magnetic disk drives 115694
Liu, B. *see* Ding, W. 86586
Liu, B. *see* Eichler, H.J. 75905
Liu, B. *see* Hu, S.B. 75222
Liu, B. *see* Jian-Ping Wang 115473
Liu, B. *see* Nosratinia, A. 120296
Liu, B. *see* Wang, S. 108503
Liu, B. *see* Yeo, B.-L. 86317
Liu, B.C. *see* Tamir, D.E. 77438
Liu, B.Y.H. *see* Huff, H.R. 63858
Liu, B.Y.H. *see* Ma, Y. 120170
Liu, C.-C. *see* Hayashi, Y. 90946
Liu, C.-H. *see* Sha, W.L. 96131
Liu, C.-T., Yeh, T.-S. Parallel simulation of industrial power system transients by an inherent parallel algorithm 111432
Liu, C.-Y., Hasty, T., Bard, A.J. Electro-optical charge trapping in zinc porphyrin films on indium tin oxide and $/SiO_2/Si$ 75691
Liu, C.C. *see* Hunter, G.W. 110273
Liu, C.C. *see* Suzuki, H. 90942
Liu, C.J., Hsieh, J.C., Ju, Y.H. Response characteristics of lead phthalocyanine gas sensor: effect of operating temperature and postdeposition annealing 89181
Liu, C.L. *see* Chen, K.R. 96595
Liu, C.L. *see* Mathur, A. 73222
Liu, C.L. *see* Pan, P. 61790
Liu, C.L. *see* Peichen Pan 73863
Liu, C.L. *see* Peichen Pan 82880
Liu, C.L. *see* Raman, S. 73223
Liu, C.L. *see* Raman, S. 113647
Liu, C.L. *see* Taewhan Kim 104419
Liu, C.L. *see* Tong Gao 74784
Liu, C.L. *see* Xiangfeng Chen 83102
Liu, C.P. Perfect-reconstruction analysis/synthesis filter bank system with high computational efficiency 114100
Liu, C.P., Poularikas, A.D. A new subband coding technique using (JPEG) discrete cosine transform for image compression 66958
Liu, C.S., Chen, L.J. Effects of substrate cleaning and film thickness on the epitaxial growth of ultrahigh vacuum deposited Cu thin films on (001)Si 63420
Liu, C.S., Wu, J.M., Nan Lin, I., Chen, C.J. High-power-use Mn-Zn ferrites with monodomain structure prepared by low-temperature sintering 64336
Liu, C.S., Wu, J.M., Tsay, M.J., Chen, C.J. Optimum power-loss and microstructure of MnZn ferrites under consideration of particle size 115597
Liu, C.T., Lin, B.M., Pan, J.S. Design and development of a zero-emission scooter for Taiwan 112572
Liu, C.T., Lin, W., Lee, K.H., Liu, R. 0.2-μm n-channel and p-channel MOSFETs integrated on oxidation-planarized twin-tubs 115211
Liu, C.T. *see* Kuo, C.J. 104636
Liu, C.W., St. Amour, A., Sturm, J.C., Lacroix, Y.R.J., Thewalt, M.L.W., Magee, C.W., Eaglesham, D. Growth and photoluminescence of high quality SiGeC random alloys on silicon substrates 104123
Liu, C.W. *see* Lanzerotti, L.D. 84315
Liu, D., Despins, C.L. A reduced-complexity formulation for DS-SSMA performance evaluation via the characteristic function method 88092
Liu, D. *see* Dowling, J.L. 101221
Liu, D. *see* Huang, X.G. 107656
Liu, D. *see* Lu, S.-C. 74007
Liu, D. *see* Sato, M. 87947
Liu, D. *see* Schrom, G. 84583
Liu, D. *see* Yuan Tang 115216
Liu, D. *see* Zomorrodian, A.R. 106398
Liu, D.D. *see* Goldszal, A.F. 70029
Liu, D.W., Carr, P.H., Thaxter, J.B. Nonlinear photoconductivity characteristics of antenna activated by 80-picosecond optical pulses 66042
Liu, E.K. *see* Zhao, C.Z. 106847
Liu, E.W.Y. *see* Demir, A. 73071
Liu, F., Picard, R.W. Periodicity, directionality, and randomness: Wold features for image modeling and retrieval 97884
Liu, F., Turner, I., Siores, E., Groombridge, P. A numerical and experimental investigation of the microwave heating of polymer materials inside a ridge waveguide 91946
Liu, F. *see* Chen, Y.K. 69865
Liu, F. *see* Shull, R.D. 75106
Liu, F. *see* Szymanski, J.J. 110589
Liu, F.-Y., Sun, Y.-N., Lin, X.-Z., Yu, C.-Y., Tsai, H.-M., Wang, M.-S. Visualization of bile ducts from MR cholangiography 110792
Liu, F.F. A simple adaptive self-routing algorithm for congestion control in an optical WAN architecture 98639
Liu, F.H., Hua-Ching Tong, Milosvlasky, L. Domain structures at the cross sections of thin film inductive recording heads 75254
Liu, F.H., Hua-Ching Tong, Milosvlasky, L. High frequency magnetization response observed at the air-bearing surfaces of thin film heads 115663
Liu, G., Han, J., Sun, D. Global convergence of the BFGS algorithm with nonmonotone linesearch 82441
Liu, G.-S. *see* Wei, S.-W. 98927
Liu, G.Y., Danne, A., Marlevi, A., Maguire, G.Q., Jr. A mobile-floating agent scheme for wireless distributed computing 88317
Liu, G.Y., Maguire, G.Q., Jr. A predictive mobility management algorithm for wireless mobile computing and communications 68214
Liu, G.Y., Maguire, G.Q., Jr. A mobility-aware dynamic database caching scheme for wireless mobile computing and communications 98660
Liu, G.Y., Maguire, G.Q., Jr., Marlevi, A. Performance evaluation of a mobile-floating agent scheme for wireless mobile computing and communications 118872
Liu, G.Y., Zhu, M.H., Tang, S.W., Zhu, C.C., Liu, J.S. Prepare the way to manufacture a patternable metallized substrate for W-UFEA by use of a DIBD 74014
Liu, G.Y., Zhu, M.H., Tang, S.W., Zhu, C.C., Liu, J.S. Manufacturing a patternable metallized substrate for tungsten ultralong field emitter array by use of the double ion beam deposition method 83737
Liu, G.Y., Zhuang, X.Z., Wu, E.S., Hu, H.C. Recent status in the field of microwave and millimeter wave vacuum microelectronic devices in the early 1990s 73978
Liu, H. Beam emittance growth in high intensity CW FEL injectors 100642
Liu, H., El Zarki, M. Transmission of H.263 video over wireless channels 86587
Liu, H., Gearhart, S.S., Booske, J.H. A new plasma aided solid-source implantation method for ultra-shallow p^+/n junction fabrication 105551
Liu, H., Hong, T.-H., Herman, M., Chellappa, R. Accuracy vs. efficiency trade-offs in optical flow algorithms 67288
Liu, H., Hu, X.F. An improved method to analyze the input impedance of microstrip annular-ring antennas 97287
Liu, H., Kakazu, Y. Theory of hybrid artificial neural networks model with magnetic field information 73597
Liu, H., Kehne, D., Benson, S., Bisognano, J., Cardman, L., Dylla, F., Engwall, D., Fugitt, J., Jordan, K., Neil, G., Neuffer, D., Sinclair, C., Wiseman, M., Yunn, B. Design of a high charge CW photocathode injector test stand at CEBAF 90083
Liu, H., Meusel, P., Hirzinger, G. A tactile sensing system for the DLR three-finger robot hand 99908
Liu, H., Neuffer, D. Design principles for high current beam injection lines 100705
Liu, H., Xu, G., Tong, L., Kailath, T. Recent developments in blind channel equalization: From cyclostationarity to subspaces 86185
Liu, H., Zarki, M.E. Transmission of videotelephony images over wireless channels 118278
Liu, H. *see* Benson, S.V. 96445
Liu, H. *see* Benson, S.V. 107358
Liu, H. *see* Chen, C.H. 92710
Liu, H. *see* Dylla, H.F. 76067
Liu, H. *see* Gotz, W. 74146
Liu, H. *see* Krishna Garg, H. 97712
Liu, H. *see* Parra, I. 99167
Liu, H. *see* Rubinelli, F.A. 114798
Liu, H. *see* Speth, R.R. 114871
Liu, H.B. Design of a small-animal thermal neutron irradiation facility at the Brookhaven Medical Research Reactor 110917
Liu, H.C. High frequency quantum well infrared photodetectors 69194
Liu, H.C. Optoelectronic integration of quantum well infrared photodetector for array fabrication 69327
Liu, H.C., Jianmeng Li, Buchanan, M., Wasilewski, Z.R. High-frequency quantum-well infrared photodetectors measured by microwave-rectification technique 69191
Liu, H.C., Jianmeng Li, Costard, E., Rosencher, E., Nagle, J. Sum frequency generation by intersubband transition in step quantum wells 63040
Liu, H.C., Li, J., Wasilewski, Z.R., Buchanan, M. Integrated quantum well intersubband photodetector and light emitting diode for thermal imaging 69272
Liu, H.C. *see* Brown, E.R. 69168
Liu, H.C. *see* Lenchyshyn, L.C. 79399
Liu, H.C. *see* Li, J. 100015
Liu, H.C. *see* Xing, B. 99991
Liu, H.F. *see* Ahmed, Z. 75970
Liu, H.F. *see* Ahmed, Z. 109641
Liu, H.F. *see* Chan, K.C. 78761
Liu, H.F. *see* Hoshida, T. 96388
Liu, H.F. *see* Hoshida, T. 116525
Liu, H.F. *see* Kim, D.Y. 75973
Liu, H.F. *see* Nirmalathas, A. 75972
Liu, H.F. *see* Pelusi, M. 76011
Liu, H.K. *see* Hu, Q.Y. 106672
Liu, H.K. *see* Wang, W.G. 61450
Liu, H.K. *see* Wang, W.G. 113536
Liu, H.K. *see* Zeimetz, B. 115898
Liu, H.K. *see* Zhong, S. 112265

Liu, H.L., Wang, S.S., Zhou, Y., Zhao, Q.C., Zhang, L.Y., Yao, X. Nonlinear optical properties of semiconductor-doped silica gel glass 96737
Liu, H.L. *see* Jung, Y.c. 71494
Liu, H.S. *see* Chen, J.F. 105177
Liu, H.T. *see* Sopian, K. 71920
Liu, J. An overview of polymeric electronics packaging using conductive adhesives 112904
Liu, J., Asano, K., Ezura, E., Fukutomi, M., Inagaki, S., Isagawa, S., Komori, K., Kumagai, S., Nakanishi, H., Tosa, M., Yoshihara, K. Microwave surface resistance of YBaCuO superconducting films laser-ablated on copper substrates 100500
Liu, J., Boustedt, K., Lai, Z. Development of flip-chip joining technology on flexible circuitry using anisotropically conductive adhesives and eutectic solder 94120
Liu, J., Butler, J.K., Evans, G.A., Rosen, A. Analysis of millimeter wave phase shifters coupled to a fixed periodic structure 93730
Liu, J., Cham, W.K., Chang, M.M.Y. Online Chinese character recognition using attributed relational graph matching 67166
Liu, J., Chang, K.-C. Feature-based target recognition with a Bayesian network 67383
Liu, J., Mundy, J., Zisserman, A. Grouping and structure recovery for images of objects with finite rotational symmetry 86691
Liu, J., Walker, E., Mundy, J. Characterizing the stability of 3D invariants derived from 3D translational symmetry 86794
Liu, J. *see* Chang, K.-C. 117347
Liu, J. *see* Chang, W. 101280
Liu, J. *see* Chang, Z. 90243
Liu, J. *see* Choi, W.B. 74035
Liu, J. *see* Choi, W.B. 83705
Liu, J. *see* Dalton, J.J. 69451
Liu, J. *see* Hardwick, C.D. 119335
Liu, J. *see* Khoo, C.G.L. 103427
Liu, J. *see* Kim, J. 68346
Liu, J. *see* Li, D. 117731
Liu, J. *see* Mundy, J. 86795
Liu, J. *see* Mundy, J.L. 77170
Liu, J. *see* Myers, A.F. 74037
Liu, J. *see* Myers, A.F. 83701
Liu, J. *see* Pei, A. 89976
Liu, J. *see* Pei, A. 100653
Liu, J. *see* Pei, A. 100654
Liu, J. *see* Rorgren, R. 92233
Liu, J. *see* Rosner, B. 114469
Liu, J. *see* Rutledge, D. 83337
Liu, J. *see* Sun, J. 77766
Liu, J. *see* Tahernezhadi, M. 109287
Liu, J. *see* Zhu, S.P. 81078
Liu, J.-M. *see* Chen, L.-P. 116419
Liu, J.B. *see* Min, J. 84023
Liu, J.C. Optimality and duality for generalized fractional variational problems involving generalized (F, ρ)-convex functions 92538
Liu, J.C., Nelson, W.R. EGS4 calculations of the dose to the electronic equipment in the PEP-II ring 90232
Liu, J.C. *see* Yuang, M.C. 67583
Liu, J.C.L., Hsieh, J., Du, D.H.C., Mengjou Lin Performance of a storage system for supporting different video types and qualities 88854
Liu, J.C.L. *see* Yuewei Wang 99787
Liu, J.F. *see* Young, T.F. 63090
Liu, J.G. *see* Chan, F.H.Y. 104609
Liu, J.I., Shi, A.Y., Wang, F., Lu, Y., Gu, S.L., Zhang, R., Zheng, Y.D. Study of dry oxidation of triangle shaped silicon nanostructure 105688
Liu, J.J. *see* Kuo, D. 115754
Liu, J.J. *see* Rauch, G.C. 115681
Liu, J.K. *see* Sarusi, G. 69295
Liu, J.K. *see* Sundaram, M. 110217
Liu, J.L., Shi, Y., Wang, F., Lu, Y., Gu, S.L., Zheng, Y.D. Realization of silicon quantum wires based on Si/SiGe/Si heterostructure 105324
Liu, J.L. *see* Shi, Y. 83943
Liu, J.M., Chi Chang, Simpson, T.B. Dependence of amplitude noise spectral characteristics on the spontaneous emission rate in laser diodes 65248
Liu, J.M., Liu, Z.G., Zhu, S.N., Zhu, Y.Y., Ming, N.B. Excimer laser ablating preparation of Ba$_2$NaNb$_5$O$_{15}$ thin films on KTiOPO$_4$ substrate and its guide wave property 92921
Liu, J.M. *see* Chen, L.P. 65450
Liu, J.M. *see* Naval, L. 69183
Liu, J.M. *see* Simpson, T.B. 96290
Liu, J.M. *see* Simpson, T.B. 107320
Liu, J.M. *see* Yong Wang 65148
Liu, J.S., Thompson, G. The multi-factor design evaluation of antenna structures by parameter profile analysis 117001
Liu, J.S. *see* Liu, G.Y. 74014
Liu, J.S. *see* Liu, G.Y. 83737
Liu, J.S. *see* Sun, T.P. 115245
Liu, J.S. *see* Yang, S.H. 105643
Liu, J.Y., Ball, M., Brabson, B., Budnick, J., Caussyn, D.D., Colestock, P., Derenchuk, V., East, G., Ellison, M., Friesel, D., Hamilton, B., Jones, W.P., Kang, X., Lee, S.Y., Li, D., Ng, K.Y., Pei, A., Riabko, A., Sloan, T., Syphers, M., Wang, L. Parametric resonances and stochastic layer induced by a phase modulation 89882
Liu, J.Y., Caussyn, D.D., Ellison, M., Lee, S.Y., Li, D., Riabko, A. Analytic solution of particle motion in a double RF system 79891
Liu, J.Y., Song, Y.H., Foss, A.M. Digital simulations of the PWM UPFC using EMTP 70843
Liu, J.Y. *see* Kang, X. 89843
Liu, J.Y. *see* Li, D. 79813
Liu, J.Y. *see* Li, X.Y. 70747
Liu, J.Y. *see* Riabko, A. 89997
Liu, J.Y. *see* Wang, L. 89881
Liu, J.Z. *see* Zhang Lu 75327
Liu, K., Subbarayan, S., Shoults, R.R., Manry, M.T., Kwan, C., Lewis, F.I., Naccarino, J. Comparison of very short-term load forecasting techniques 70795
Liu, K.-C. *see* Lin, W.-C. 93600
Liu, K.-C. *see* Lin, W.-C. 99110
Liu, K.C. *see* Nurmi, M.A. 109101
Liu, K.J. *see* Eckburg, J.J. 80411
Liu, K.J.R. *see* An-Yeu Wu 117336
Liu, K.J.R. *see* Koc, U.-V. 86489
Liu, K.S. *see* Wang, J.P. 72890
Liu, L., Doan, N., Wang, P. In-line defect characterization using focused ion beam 95143
Liu, L., Wang, P. Focused ion beam in failure analysis of microelectronic devices 92281
Liu, L., Yin, Y. Morphological fuzzified-set image algebra and cellular two-layer logic architecture 77366
Liu, L. *see* Bringi, V.N. 90775
Liu, L. *see* Yi, X. 79409
Liu, L.-K. *see* Rajagopalan, R. 86578
Liu, L.-M. *see* Yeh, W.-K. 113439
Liu, L.J. *see* Chen, C.Y.R. 68914
Liu, L.J. *see* Wang, J.J. 62769
Liu, L.Y. *see* Xie, M. 86676
Liu, M. *see* Franchi, A. 88192
Liu, M.-F. *see* Chen, H.-C. 111433
Liu, M.T. *see* Elsaadany, A. 109061
Liu, M.T. *see* Elsaadany, A. 109073
Liu, M.T. *see* Liang-Seng Koh 87375
Liu, N. *see* Gao, H.J. 61426
Liu, N. *see* He, J. 99019
Liu, P. *see* Hughes, T.A.T. 80395
Liu, P. *see* Hughes, T.A.T. 120463
Liu, P. *see* Malin, J.I. 119675
Liu, P. *see* Tran, L. 93938
Liu, P.-H., Lin, Y. Capacity of charge constrained (O,G/I) modulation codes 97423
Liu, P.C. *see* Wang, H. 93350
Liu, P.C.-H., Trivedi, A., Lee, B.P. Implementing Automatic Data Collection and Identification Laboratory 103348
Liu, P.C.K. *see* Kwok, K.F. 88182
Liu, P.H. *see* Lai, R. 104878
Liu, P.T. *see* Chiu, C.-C. 77339
Liu, P.Y., Shieh, H.P.D. Center aperture detection on magnetically induced super resolution magneto-optical disks 106615
Liu, Q., Ruda, H.E., Chen, G.M., Simard-Normandin, M. A generalized approach to surface photovoltage 75682
Liu, Q. *see* Hatalis, M.K. 84399
Liu, Q. *see* Hu, Y.Z. 61379
Liu, Q.D., Sha, W.L., Ho, P.P., Alfano, R.R. Intensity-dependent polarization twisting within the temporal profiles of optical pulses in a nonbirefringent single-mode optical fiber 64715
Liu, Q.Z., Yu, L.S., Lau, S.S., Zappe, H.P., Epler, J.E. Investigation of optical losses in photoelastic and ridge waveguides in GaAs-AlGaAs heterostructures 64762
Liu, R. *see* Liu, C.T. 115211
Liu, R.P., Moylan, P.J. Dynamic trunk reservation for teletraffic links 77773
Liu, R.S., Wang, C.M. Progress of applied superconductivity research at Materials Research Laboratories, ITRI (Taiwan) 115890
Liu, R.S. *see* Chang, W.C. 110793
Liu, R.S. *see* Yang, H.Z. 74791
Liu, R.X. *see* Li, S.Y. 84359
Liu, R.X. *see* Li, S.Y. 84482
Liu, R.Z., Shi, Y.Q., Kosonocky, W.F., Higgins, F.P. Infrared solder joint inspection on surface mount printed circuit boards 73889
Liu, S., Mei, Y.H. Behaviours of delaminated plastic IC packages subjected to encapsulation cooling, moisture absorption and wave soldering 112969
Liu, S., Reinhardt, K., Severt, C., Scofield, J. Thermally stable ohmic contacts on n-type 6H- and 4H-SiC based on silicide and carbide 105474
Liu, S., Wang, X.P., Yu, O.Z. Hybrid transient stability analysis using structure preserving model [power systems] 80767
Liu, S. *see* Li, S.Y. 84482
Liu, S. *see* Mei, Y.H. 112967
Liu, S.-I., Chang, C.-C. Low-voltage CMOS four-quadrant multiplier based on square-difference identity 73581
Liu, S.-I., Chang, C.-C., Hwang, Y.-S. New CMOS four-quadrant multiplier and squarer circuits 62072
Liu, S.L. *see* Wong, C.C. 74987
Liu, S.S. *see* Chen, T.M. 67532
Liu, S.S. *see* Chen, T.M. 118254
Liu, S.Y. *see* Sun, H.B. 65231
Liu, T. IC joint venture experience in China–from mass production to profitability 82167
Liu, T. *see* Bhattacharya, U. 93853
Liu, T. *see* Korhonen, M.A. 115001
Liu, T. *see* Tran, L. 83442
Liu, T.-L., Donahue, M., Geiger, D., Hummel, R. Image recognition with occlusions 67265
Liu, T.-Y. *see* Goldner, R.B. 81711
Liu, T.H. *see* Yeong-Lin Lai 62237
Liu, T.J. *see* Crandell, D.A. 100780
Liu, T.J. *see* Lee, C.H. 91301
Liu, T.S. *see* Lee, B.-Y. 87156
Liu, T.Y. *see* Shealy, J.B. 115250
Liu, V. *see* Fritsche, D. 87565
Liu, W., Dirkx, E., Petit, G., Tiberghien, J. Modelling and performance assessment of large ATM switching networks on loosely-coupled parallel processors 78277
Liu, W., Petit, G., Dirkx, E. Simulation of ATM exchanges on a parallel computer 87847
Liu, W., Tan, Y., Shang, H.M. Singlemode optical fiber electronic speckle pattern interferometry 65559
Liu, W. *see* Hill, D. 84354
Liu, W. *see* Lairson, B.M. 75179
Liu, W. *see* Moyer, G.C. 104646
Liu, W. *see* Qin, S. 61498
Liu, W. *see* Sitar, Z. 92766
Liu, W. *see* Zhao, J. 89924
Liu, W. *see* Zhi-Qiang Jin 64319
Liu, W. *see* Cavin, R.K., III *(editor)* 112668
Liu, W.-C. *see* Laih, L.-W. 84489
Liu, W.-C. *see* Lour, W.-s. 84474
Liu, W.-C. *see* Wu, C.-Z. 74745
Liu, W.-H.E., Guan, X. Fuzzy constraint enforcement and control action curtailment in an optimal power flow 70710
Liu, W.-H.E. *see* Weili Zhong 121115
Liu, W.B., Floudas, C.A. Generalized primal-relaxed dual approach for global optimization 82504
Liu, W.C. *see* Kao, M.J. 62850
Liu, W.C. *see* Wu, Y.H. 63600
Liu, W.D., Spencer, J.W., Wood, J.K., Chaaraoui, J.J., Jones, G.R. Effect of PTFE dielectric properties on high voltage reactor load switching 71559
Liu, W.H., Kai, M., Ohta, K., Chen, F.D., Kusama, T. Diagnostic medical X-ray examination frequencies in Taiwan 120556
Liu, W.K., Xuemei Zhang, Weiluan Ma, Winesett, J., Santos, M.B. Molecular-beam epitaxial growth and characterization of Al$_x$In$_{1-x}$Sb/InSb quantum well structures 82692
Liu, W.K. *see* Fang, X.M. 63131
Liu, W.L., Liang, Y.L., Scott, D.W., Ma, B.M., Bounds, C.O. Effect of Fe and/or Cu contents on the intrinsic coercivity of Sm$_2$Co$_{17}$-type coercive powders for the bonded magnet application 75141
Liu, W.M. *see* Wang, K.Z. 95963
Liu, W.Y. *see* Wang, H. 86916
Liu, X., Momma, T., Osaka, T. Improvement of active carbon fiber electrode for electric double layer capacitor by electrochemical redox pretreatment 62386
Liu, X. *see* Abe, K. 69708
Liu, X. *see* Abe, K. 69726
Liu, X. *see* Chan, J.S. 63238
Liu, X. *see* Chang, Z. 90243
Liu, X. *see* Sachdev, M.S. 81147
Liu, X.C. *see* Li, X.Y. 70747
Liu, X.F. *see* Li, Q. 83727
Liu, X.N. *see* Wu, X.L. 83959
Liu, Y., Cha, K., Itoh, T. Elimination of resonance in finite-width conductor backed coplanar waveguides 62149
Liu, Y., Lau, Y.Y. An evaluation of the intrinsic emittance of a field emitter 83715
Liu, Y., Sellmyer, D.J., Robertson, B.W. Co-Sm $(\bar{1}100)[0001]//\mathrm{Cr}\ (\bar{1}2\bar{1})[\bar{1}01]$ epitaxy and its effects on magnetic properties of Co-Sm//Cr films 64295
Liu, Y., Yang, F., Chen, J. Formal description of services 98830
Liu, Y., Zhu, W., Tan, O.K., Yao, X., Shen, Y. Structural and gas-sensing properties of nanometre tin oxide prepared by PECVD 110254
Liu, Y. *see* Bristow, J. 85340
Liu, Y. *see* da Silva, V.L. 88630
Liu, Y. *see* Davis, P. 78848
Liu, Y. *see* Ding Xiaoqun 81519
Liu, Y. *see* Newhouse, M.A. 68398
Liu, Y. *see* Zhang, S.Y. 115851
Liu, Y.-C., Douligeris, C. Comparative evaluation of adaptive and neural-network-based fuzzy inference system for ATM traffic control 98361
Liu, Y.-C. *see* Hsu, I. 100592
Liu, Y.-F., Sen, P.C. New Class-E DC-DC converter topologies with constant switching frequency 102849
Liu, Y.-H., Sinusas, A.J., Wackers, F.J.Th. Validation of a new SPECT quantification method using computer simulation 101247
Liu, Y.-H. *see* Nazem, S.M. 108892
Liu, Y.-M., Chu, L. Simulation and modeling of the voltage-imaging spatial resolution [in AMLCD TFT testing] 82318
Liu, Y.-M., Henley, F., Miller, M., Salerno, J. Voltage imaging for L-contact panel testing 100215
Liu, Y.-S. Computer simulation techniques for a mobile satellite communication channel 109600
Liu, Y.C., Kumagai, Y. Robot vision for vehicle detection, classification and other its applications 117830
Liu, Y.C. *see* Gwo-Huei Luo 79869
Liu, Y.C. *see* Ho, C.H. 83690
Liu, Y.C. *see* Kuo, C.C. 79975

Liu, Y.C. *see* Wang, D.J. 94168
Liu, Y.C. *see* Weng, W.T. 79872
Liu, Y.F., Lau, Y.Y. Beam quality in field emitter arrays 62575
Liu, Y.F., Lau, Y.Y. Beam quality and thermal stability in field emitter arrays 73996
Liu, Y.H., Marshall, T.C. A compact FEL upconverter of coherent radiation 107390
Liu, Y.J., Yoon, S.F., Ahn, J., Milne, W.I. Effect of hydrogen dilution on the deposition of carbon-rich a-SiC:H films by the electron cyclotron resonance method 104129
Liu, Y.J. *see* Moore, J.S. 64963
Liu, Y.S., Wojnarowski, R.J., Hennessy, W.A., Bristow, J.P., Yue Liu, Peczalski, A., Rowlette, J., Plotts, A., Stack, J., Kadar-Kallen, M., Yardley, J., Eldada, L., Osgood, R.M., Scarmozzino, R., Lee, S.H., Ozgus, V., Patra, S. Polymer optical interconnect technology (POINT) optoelectronic packaging and interconnect for board and backplane applications 116287
Liu, Y.S. *see* Bristow, J. 85340
Liu, Y.S. *see* Plant, D.V. 85326
Liu, Y.W., Zhang, G.M., Xue, Z.Q., Wu, J.L., Wu, Q.D. The high field enhancement of photoemission from Na$_2$KSb photocathodes 90115
Liu, Y.X., Ting, D.Z.-Y., McGill, T.C. Efficient, numerically stable multiband k·p treatment of quantum transport in semiconductor heterostructures 114685
Liu, Y.X. *see* Marquardt, R.R. 74683
Liu, Y.Y., Tao, J.M., Chan, D.S.H., Phang, J.C.H., Chim, W.K. A new spectroscopic photon emission microscope system for semiconductor device analysis 72255
Liu, Y.Y. *see* Chan, D.S.H. 99882
Liu, Y.Y. *see* Tao, J.M. 103517
Liu, Y.Y. *see* Wittpahl, V. 96043
Liu, Y.Z., Chen, J.M., Zhu, J.T., Yu, P.K.L. Performance comparison of 1300 semiconductor optical amplifiers with bulk and MQW active layer 75994
Liu, Y.Z. *see* Welstand, R.B. 64806
Liu, Z. Detection of transient signal by optimal choice of a wavelet 97762
Liu, Z., Chan, K.T., Yang, X.L. A frequency domain model for femtosecond pulse amplification in erbium doped fiber amplifiers 65070
Liu, Z., Karol, M.J., El Zarki, M., Eng, K.Y. Channel access and interference issues in multi-code DS-CDMA wireless packet (ATM) networks 118032
Liu, Z. *see* Cheng, Z. 107773
Liu, Z. *see* Declercq, F. 108731
Liu, Z.-Q. A combined filtering structure for echo cancellation in hand-free mobile phone applications 88302
Liu, Z.-Q., Sham, B., Code, S. Optimising description of deformable boundaries 87042
Liu, Z.D., Juncar, P., Bloch, D., Ducloy, M. Raman polarization-selective feedback schemes for all-optical microwave frequency standards 116614
Liu, Z.D. *see* Loe Mie, R. 96272
Liu, Z.G. *see* Guo, X.L. 72943
Liu, Z.G. *see* Guo, X.L. 106824
Liu, Z.G. *see* Hu, W.S. 95797
Liu, Z.G. *see* Liu, J.M. 92921
Liu, Z.G. *see* Luo, G.P. 107490
Liu, Z.G. *see* Xiong, S.B. 75524
Liu, Z.G. *see* Xiong, S.B. 82723
Liu, Z.H. *see* Kai Chen 95012
Liu, Z.J., Bi, C., Zhang, Q.D., Jabbar, M.A., Low, T.S. Electromagnetic design for hard disk drive spindle motors with fluid film lubricated bearings 115792
Liu, Z.J., Low, T.S. Solution of magnetic field and eddy current problem induced by rotating magnetic poles 65709
Liu, Z.J. *see* Chao, B. 121528
Liu, Z.J. *see* Chen, S.X. 115779
Liu, Z.J. *see* Chen, S.X. 115781
Liu, Z.M., Mohan, A.S., Aubrey, T.A. EM scattering using nonuniform mesh FDTD, PML and Mur's ABC 97030
Liu, Z.Q. *see* Zhu, W. 61351
Liu, Z.X. *see* Wei, C.D. 72741
Liu Ah-Shing *see* Ah-Shing Liu
Liu Ansheng *see* Ansheng Liu
Liu Anwei *see* Anwei Liu
Liu Baige *see* Ye Zifeng 100400
Liu Baining *see* Baining Liu
Liu Bao *see* Bao Liu
Liu Baoding *see* Baoding Liu
Liu Baolin, Yang Shuren, Chen Baijun, Wang Benzhong, An Haiyan, Qin Fuwen, Liu Shiyong InGaAs/InP strained quantum well LD by LP-MOCVD 75918
Liu Baoren *see* Baoren Liu
Liu Baosen *see* Zheng Tianxue 121363
Liu Bede *see* Bede Liu
Liu Biing-Der *see* Biing-Der Liu
Liu Bin *see* Jiao Zhixian 81636
Liu Bin *see* Bin Liu
Liu Bin-Da *see* Bin-Da Liu
Liu Bing *see* Bing Liu
Liu Binghua *see* Pun Jianping 67885
Liu Bingjun *see* Wang Jie 80791
Liu Biyue *see* Biyue Liu
Liu Bo, Wu Liying, Zhang Jian, Wang Qishan Object recognition using both range and intensity image in machine vision 67343
Liu Bo *see* Zhang Jian 79257
Liu Bo *see* Bo Liu
Liu Caichi *see* Li Yangxian 62688
Liu Caichi *see* Caichi Liu
Liu Ce *see* Ce Liu
Liu Chang *see* Chang Liu
Liu Chang-Chung *see* Chang-Chung Liu
Liu Changdong *see* Changdong Liu
Liu Changyi, Cu Zhigang Regional power load forecast and power balance analysis for Shandong provincial power system 91072
Liu Chao-Shu *see* Chao-Shu Liu
Liu Cheh-Ming *see* Cheh-Ming Liu
Liu Chen *see* Chen Liu
Liu Chen-Ching *see* Chen-Ching Liu
Liu Cheng-Kuang *see* Cheng-Kuang Liu
Liu Cheng-Tsung *see* Cheng-Tsung Liu
Liu Chengguang Ge *see* Ge Liu Chengguang
Liu Chengjun, Tai Juwei An easy way to derive 3D moment invariants for three-dimensional objects normalization and recognition 87253
Liu Chengjun *see* Dai Guangsen 110494
Liu Chengyou *see* Chengyou Liu
Liu Chenjun *see* Zhang Wenwei 110336
Liu Chi-Min *see* Chi-Min Liu
Liu Chi-Shi *see* Chi-Shi Liu
Liu Chi-Wen *see* Chi-Wen Liu
Liu Chien-Chang *see* Chien-Chang Liu
Liu Chien-Jen *see* Chien-Jen Liu
Liu Chihray *see* Chihray Liu
Liu Chong Hsu *see* Soon, W.B.H. 118692
Liu Chuan-Pu *see* Chuan-Pu Liu
Liu Chuan-Sheng *see* Chuan-Sheng Liu
Liu Chuang-Chun *see* Chuang-Chun Liu
Liu Chun Hsing *see* Chun Hsing Liu
Liu Chunbo *see* Chunbo Liu
Liu Cuixia *see* Bao Zhongxing 105209
Liu Daming *see* Wei Helin 104983
Liu Deming *see* Deming Liu
Liu Der-Cherng *see* Der-Cherng Liu
Liu Der-Zheng *see* Der-Zheng Liu
Liu Dongfeng, Hu Wei, Chen Guofu, Wang Xianhua, Hou Xun Amplified spontaneous emission generation of wavelength upconversion in a Er^{3+}-doped silicate single-mode optical fiber pumped at 1.313 μm 75832
Liu Dongfeng, Wang Xianhua, Chen Guofu, Wang Yuncai, Hou Xun The experimental study of ps ultrashort optical pulses generation from 1.3 μm DFB semiconductor lasers modulated by 1 GHz comb generator 96398
Liu Dongping *see* Shi Zhaojun 121223
Liu En-ke *see* En-ke Liu
Liu Enke *see* Gao Yong 75522
Liu Enke *see* Li Guozheng 64741
Liu Enke *see* Li Guozheng 75571
Liu Enke *see* Zhao Cezhou 95758
Liu Fangqiu *see* Hao Ruibing 98489
Liu Feng, Ebel, W.J. Algebraic geometry codes from Reed Solomon codes 97579
Liu Feng *see* Feng Liu
Liu Feng-Ming *see* Feng-Ming Liu
Liu Fenghai *see* Fenghai Liu
Liu Fengxiang *see* Fan Min 64792
Liu Fengxiang *see* Lu Jingping 64793
Liu Fulai *see* Zhai Hongchen 99895
Liu Fuling *see* Fuling Liu
Liu Gang, Wu Guowei A fast search algorithm based on searching in an orderly image feature space 66928
Liu Guang-Yi *see* Guang-Yi Liu
Liu Guangchang, Bu Guixue DSP techniques used in 3-D shape measurement 98286
Liu Guangyi *see* Wang Mingjun 121125
Liu Guangyi *see* Zhu Wendong 70741
Liu Guangyu *see* Fan Shangchun 79284
Liu Guoqi *see* Wang Feng 111545
Liu Guoying *see* Guoying Liu
Liu Hai-Feng *see* Hai-Feng Liu
Liu Hain-Ching *see* Hain-Ching Liu
Liu Hang *see* Wu Jishun 91042
Liu Hong *see* Hong Liu
Liu Hongchao *see* Qiu Xiaoyan 111455
Liu Hongfa, Lei Hairong Proper choice of Ti^{3+}:Al$_2$O$_3$ crystal length 96225
Liu Hongyue *see* Hongyue Liu
Liu Hou-Quan *see* Wu Xiao-Bo 79533
Liu Hua, Hu Yu, Li Minchun, Lu Guowei, Fan Chuiying Design and computation of the optical antenna of a wide-band digital lightwave communication system 78658
Liu Hua *see* Liu Zejian 61719
Liu Hua Kun *see* Hua Kun Liu
Liu Huamao *see* Huamao Liu
Liu Huan-Chang *see* Huan-Chang Liu
Liu Huanliu, Li Xingyuan, Liu Junyong, Jin Jianxun, Dou Shixue Model and simulation of a high T$_c$ superconducting fault current limiter 121232
Liu Hui *see* Hui Liu
Liu Huibin *see* Meng Xiaofeng 79285
Liu Huimin *see* Huimin Liu
Liu Hung-Sing *see* Hung-Sing Liu
Liu Jen-Chang *see* Jen-Chang Liu
Liu Jen-Chwan *see* Jen-Chwan Liu
Liu Ji Discussion on the scientific research, application and problems of lightning eliminator [for power systems] 121239
Liu Ji-Chyun *see* Ji-Chyun Liu
Liu Jia-Shing *see* Jia-Shing Liu
Liu Jian *see* Jian Liu
Liu Jian-Min *see* Jian-Min Liu
Liu Jian-Yu *see* Jian-Yu Liu
Liu Jianfeng, Qi Feihu A wavelet transform approach to local feature extraction 98172
Liu Jianqiang Wu *see* Ge Liu Chengguang 73645
Liu Jiansheng *see* Liu Jinru 116344
Liu Jianwei, Wang Yumin A user authentication protocol for digital mobile communication network 88355
Liu Jianxin, Cui Xiang, Fei Zengyao, Shao Hanguang 3D nonlinear anisotropic magnetostatic field computation in reactor 102805
Liu Jianxiong *see* Jianxiong Liu
Liu Jianye, He Xiufeng, Yuan Xin Applying successive orthogonalization decentralized Kalman filter to GPS/INS integrated navigation system 101482
Liu Jianzheng *see* Sun Yuanzhang 80906
Liu Jianzheng *see* Sun Yuanzhang 111499
Liu Jianzhuang, Xie Weixin, Gao Xinbo, Ma Kun Hausdorff distance based object matching with genetic algorithms 108399
Liu Jie, Cai Tao, Xiao Jinghua, Zhang Yinghai, Wu Yuexin Chaos-shift-keying secure digital communications using feedback to synchronize Chua's circuit: simulation and realization 117145
Liu Jie *see* Jie Liu
liu Jin, Sun Yangshen, Chen Deshu Period doubling, chaos and strange attractor in power system disturbed by periodic parameter 120978
Liu Jin *see* Jin Liu
Liu Jin-Phong *see* Jin-Phong Liu
Liu Jin-Shung *see* Jin-Shung Liu
Liu Jinghua *see* Chen Zhenning 112246
Liu Jingru *see* Zhao Xueqing 65013
Liu Jingyi *see* Gu Jiahui 69702
Liu Jinn-Liang *see* Jinn-Liang Liu
Liu Jinru, Yuan Xiao, Gan Yugang, Zhao Xueqing, Yi Aiping, Wang Longhua, Hu Zhiyun, Liu Jiansheng, Huang Meisheng, Li Tiejun, Wei Yanming Experimental study on a 100J level KrF laser 116344
Liu Jinsong, Liang Changhong The method of characteristic matrix for an inhomogeneous chiral slab 85819
Liu Jinyuan *see* Shan Bing 114543
Liu Jinyun The centralized supervisory control system of traction substation based on STD concurrent control computer 112556
Liu Jiyuan *see* Jiyuan Liu
Liu Johan *see* Johan Liu
Liu Jonathan Chien-Liang *see* Jonathan Chien-Liang Liu
Liu Jun *see* Chen Xiaojian 62239
Liu Jun *see* Lou Caiyun 85388
Liu Jun *see* Sun Xiaopeng 73709
Liu Jun *see* Jun Liu
Liu Jun-Hua *see* Jun-Hua Liu
Liu Jun-min, Liao Chang-jun, Liu Song-hao, Xu Wen-cheng Direction-dependent switching in nonlinear chirped gratings 85662
Liu Junmin *see* Junmin Liu
Liu Junyong *see* Li Xinyuan 90924
Liu Junyong *see* Liu Huanliu 121232
Liu Junyong *see* Qiu Xiaoyan 111455
Liu Jutong *see* Jutong Liu
Liu Juzheng *see* Juzheng Liu
Liu Jyh-Charn *see* Jyh-Charn Liu
Liu Kaiwu *see* Chen Lingyan 120193
Liu Ke *see* Qu Wenlong 104309
Liu Ke *see* Ke Liu
Liu Kecheng *see* Kecheng Liu
Liu Kefeng *see* Kefeng Liu
Liu Kuang-Chan *see* Kuang-Chan Liu
Liu Kun *see* He Suyou 99851
Liu Kun *see* Kun Liu
Liu Kuo-Chuan *see* Kuo-Chuan Liu
Liu Kuo-Shung *see* Kuo-Shung Liu
Liu Lee-Yin *see* Lee-Yin Liu
Liu Lei *see* Du Yansen 71243
Liu Liang-Ying *see* Liang-Ying Liu
Liu Lianjun *see* Lianjun Liu
Liu Lijie, Yu Rongjin, Hong Peizhi Finite element analysis of eigenmodes of multiwaveguide structures 64743
Liu Lilian Kao *see* Lilian Kao Liu
Liu Lilin *see* Lilin Liu
Liu Lin *see* Farias, R.H.A. 89803
Liu Ling Yi *see* Ling Yi Liu
Liu Liren *see* Liren Liu
Liu Litian *see* Litian Liu
Liu Liusheng *see* Liusheng Liu
Liu Lu-Min *see* Lu-Min Liu
Liu Lung-Tien *see* Lung-Tien Liu
Liu Lurng-Kuo *see* Lurng-Kuo Liu
Liu Mei The telecommunication of JTSG-I distributed process computer system 98644
Liu Mei *see* Kang Chongqing 111547
Liu Min *see* Zheng Xingshi 65049
Liu Min *see* Zheng Xingshi 75788
Liu Min *see* Min Liu
Liu Ming Wu *see* Kornreich, P. 85005
Liu Ming-Chang *see* Ming-Chang Liu
Liu Mingda *see* Ma Dongge 64977

Liu Mingye *see* Li Chun 61562
Liu Ning *see* Ning Liu
Liu Pan-Tai *see* Pan-Tai Liu
Liu Pao-Lo *see* Pao-Lo Liu
Liu Pei *see* Wu Bin 80804
Liu Pi-Hai *see* Pi-Hai Liu
Liu Ping *see* Ping Liu
Liu Po-Ching, Lee, B., Eng Aik Lian, Gan Cheong Hock, Wang Haibo The related effects of increased PN junction area on ESD protection capability 74839
Liu Po-Tsun *see* Po-Tsun Liu
Liu Qiang *see* Li Wangkui 94160
Liu Qing-Guang *see* Qing-Guang Liu
Liu Qingli *see* Qingli Liu
Liu Qingxia *see* Qingxia Liu
Liu Qingxiang *see* Xu Yong 107367
Liu Qingzdang *see* Qingzdang Liu
Liu Quanhua *see* Quanhua Liu
Liu Ren-Young *see* Ren-Young Liu
Liu Rong-Chau *see* Rong-Chau Liu
Liu Rongguang *see* Rong Gang 120206
Liu Ruey-Wen *see* Ruey-Wen Liu
Liu Rueywen *see* Rueywen Liu
Liu Rui *see* Rui Liu
Liu Ruitang *see* Shuai Jianwei 77114
Liu Runsheng *see* Yang Huazhong 106123
Liu Shang-Tao *see* Shang-Tao Liu
Liu Shen Iuan *see* Shen Iuan Liu
Liu Shen-Iiuan *see* Shen-Iiuan Liu
Liu Shen-Iuan *see* Shen-Iuan Liu
Liu Shen-Tuan *see* Shen-Tuan Liu
Liu Sheng, O.R. *see* Du, D. *(editor)* 112666
Liu Shengang *see* Du Pingzhong 62620
Liu Shengcai *see* Huang Xianlin 111033
Liu Shenggang, Lee, J.K., Song Liqun, Yan Yang, Zhu Dajun Theory of wave propagation along corrugated waveguide filled with plasmas immersed in an axial magnetic field 107929
Liu Shenggang *see* Wu Jianqiang 94201
Liu Shenggang *see* Wu Jianqiang 97153
Liu Shenggang *see* Xhu Dajun 62541
Liu Shenggang *see* Zhong Zhefu 117030
Liu Shenggang *see* Shenggang Liu
Liu Shi-Yong *see* Li Yu-Dong 107022
Liu Shi-Yong *see* Sun Hong-Bo 107261
Liu Shiliang *see* Zhang Dixin 94159
Liu Shixiang *see* Qu Wenlong 104309
Liu Shiyong *see* Chen Weiyou 62846
Liu Shiyong *see* Chen Weiyou 65295
Liu Shiyong *see* Liu Baolin 75918
Liu Shiyong *see* Peng Yuheng 65297
Liu Shiyong *see* Peng Yuheng 107267
Liu Shiyong *see* Sun Hongo 65263
Liu Shiyong *see* Shiyong Liu
Liu Shizhong *see* Chen Wei 99737
Liu Shudong *see* Li Jianping 120192
Liu Shulin *see* Ren Lijuan 121534
Liu Shunn-Her *see* Shunn-Her Liu
Liu Shuping *see* Huang Wenzhong 96202
Liu Shuping *see* Wu Deyong 65012
Liu Simin *see* Simin Liu
Liu Song-hao *see* Liu Jun-min 85662
Liu Songhao *see* Cao Wenhua 64665
Liu Songhao *see* Li Jingzhen 64587
Liu Songhao *see* Wang Weixiang 92932
Liu Songhao *see* Songhao Liu
Liu Soung-Nan *see* Soung-Nan Liu
Liu Suping *see* Liu Ying 65298
Liu Suping *see* Liu Ying 96390
Liu Takyiu *see* Takyiu Liu
Liu Tao *see* Zhong Yule 119628
Liu Tao *see* Tao Liu
Liu Tay-Jian *see* Tay-Jian Liu
Liu Te-Kai *see* Te-Kai Liu
Liu Tian *see* Tian Liu
Liu Tian-Hua *see* Tian-Hua Liu
Liu Tianfu *see* Zhang Zaixuan 64664
Liu Tie *see* Tie Liu
Liu Tierang Ultrasonic input-output characteristics for transmitting and receiving contact-type transducers coupled to a Timoshenko beam 92997
Liu Tiezheng *see* Xu Zhengshan 121046
Liu Wanshan *see* Zhang Zhongli 80771
Liu Wei *see* Sha Xuejun 118159
Liu Wei *see* Zhao Jijiu 119972
Liu Wei *see* Wei Liu
Liu Wei-Dong *see* Wei-Dong Liu
Liu Wei-Jie *see* Wei-Jie Liu
Liu Weidong, Luo Enze A model of field emission micro diodes [vacuum microelectronics] 73980
Liu Weidong, Zheng Xiulin, Liu Yunpeng, Luo Enze Theory of field electron emission of wedge emitters 73936
Liu Weidong *see* Luo Enze 73943
Liu Weidong *see* Luo Enze 73979
Liu Weihua *see* Tu Yaqing 79465
Liu Weimin *see* Liu Yanwen 73921
Liu Weiren *see* Yang Tianlu 96482
Liu Wen *see* Wen Liu
Liu Wen H. *see* Wen H. Liu
Liu Wen-Chau *see* Wen-Chau Liu
Liu Wenheng *see* Wenheng Liu
Liu Wenjie *see* Wenjie Liu
Liu Wenli *see* Li Jianming 110251
Liu Wentai *see* Wentai Liu
Liu Wenyin *see* Dori, D. 67491
Liu Xi-ding *see* Xi-ding Liu
Liu Xiang *see* Xiang Liu
Liu Xiang-Na *see* Xiang-Na Liu
Liu Xiangan *see* Zhu Shengyun 110632
Liu Xianghuai *see* Zhu Hong 62568
Liu Xiao *see* Xiao Liu
Liu Xiaofan *see* Xiaofan Liu
Liu Xiaojian *see* Xiaojian Liu
Liu Xiaoming *see* Xiaoming Liu
Liu Xiaoting *see* Ye Zifeng 100400
Liu Xiaowei, Xu Mingzhen, Tan Changhua, Wang Yangyuan Trap kinetics in metal-oxide-semiconductor structures at high electric field 84041
Liu Xiaowei *see* Chen Zhiyun 84607
Liu Xiaowei *see* Zhang Guowei 79429
Liu Xiaowei *see* Xiaowei Liu
Liu Xiaoxiang *see* Sites, J.R. 103014
Liu Xiaoxiang *see* Xiaoxiang Liu
Liu Xiaoyan *see* Xiaoyan Liu
Liu Xiding *see* Gao Yong 75522
Liu Xiding *see* Zhao Cezhou 95758
Liu Xinbing *see* Xinbing Liu
Liu Xinfu *see* Xinfu Liu
Liu Xingqin *see* Xingqin Liu
Liu Xisan *see* Xu Zhou 116573
Liu Xiyu Singular boundary value problems with critical singularity 113246
Liu Xu-Dong *see* Xu-Dong Liu
Liu Xueyan *see* Su Xi'an 96014
Liu Xufei *see* Xufei Liu
Liu Xuming *see* Ren Zhijun 118813
Liu Xuming *see* Xu Xibin 117934
Liu Xuming *see* Zhao Ming 118814
Liu Yan, Zou Jian, Huang Shanglian Theoretic analysis for determining the resolutions of distributed optical fiber temperature sensing system 100083
Liu Yan *see* Yan Liu
Liu Yan-Fei *see* Yan-Fei Liu
Liu Yanfeng *see* Yanfeng Liu
Liu Yang-Chiu *see* Yang-Chiu Liu
Liu Yanming *see* Yanming Liu
Liu Yanwen, Zhang Gengmin, Liu Weimin, Wu Jinlei, Xue Zengquan, Wu Quande Investigation on the stability of Na_2KSb photocathode stricken by laser pulses 73921
Liu Yanyuan *see* Zhu Hong 62568
Liu Yao-Ching *see* Yao-Ching Liu
Liu Yao-Gang *see* Yao-Gang Liu
Liu Yaonan *see* Zhu Yutao 64116
Liu Yashe, Liu Zengji Performance analysis of ATM switch fabric with combined-input/output buffering 117978
Liu Yew-Huey *see* Yew-Huey Liu
Liu Yi, Wang Shifan A simple method of making two-step rainbow hologram with high efficiency and high brightness 96801
Liu Yi *see* Yi Liu
Liu Yilu *see* Yilu Liu
Liu Yinfeng *see* Sang Wenbin 105169
Liu Ying, Du Guotong, Jiang Xiuying, Liu Suping, Zhang Xiaobo, Zhao Yongsheng, Gao Dingsan, Lin Shiming, Gao Honghai, Gao Junhua, Wang Hongjie, Kang Xuejun InGaAs quantum well vertical-cavity surface-emitting laser 96390
Liu Ying, Jiang Xiuying, Liu Suping, Zhang Xiaobo, Du Guotong Vertical-cavity surface-emitting lasers among distributed Bragg reflectors with grading layers 65298
Liu Ying *see* Gong Ping 95639
Liu Ying *see* Ying Liu
Liu Ying-li *see* Zhang Huai-wu 115703
Liu Ying-Ling *see* Ying-Ling Liu
Liu Yingli *see* Zhang Huaiwu 116009
Liu Yong *see* Yong Liu
Liu Yonghua *see* Yonghua Liu
Liu Yongshan *see* Xue Zhenghui 97220
Liu Yongtan *see* Jiang Yicheng 109796
Liu Yongtan *see* Qiao Xiaolin 99612
Liu Yu *see* Yu Liu
Liu Yu-Sun *see* Yu-Sun Liu
Liu Yudong *see* Yudong Liu
Liu Yue *see* Shi Yunhua 82996
Liu Yue *see* Yue Liu
Liu Yuin-Hong Coupled resonance in transmission line 111626
Liu Yuin-Hong *see* Yuin-Hong Liu
Liu Yulan, Wang Jianjuan, Song Renjie, Wei Wei, Xu Wei The training simulation system for electrical switching operation 80908
Liu Yuliang, Wang Qiming Si-based optical waveguide structures and devices 75523
Liu Yuliang *see* Li Guozheng 75571
Liu Yuming *see* Yuming Liu
Liu Yun *see* Yun Liu
Liu Yunkang *see* Yunkang Liu
Liu Yunpeng *see* Liu Weidong 73936
Liu Yunpeng *see* Luo Enze 73943
Liu Yunpeng *see* Luo Enze 73979
Liu Yunqi *see* Yunqi Liu
Liu Yupu *see* Wang Yimin 75872
Liu Yushu *see* Li Xuening 105928
Liu Yuzhang *see* Long Xindian 118550
Liu Yuzhang *see* Yuzhang Liu
Liu Ze-Min *see* Zhao Cheng-Lin 117916
Liu Zejian, Liu Hua, Zhou Tianrong, Hu Fengyao Test generation of complex digital systems including sequential modules 61719
Liu Zejin *see* Zejin Liu
Liu Zemin *see* Liang Qilian 108739
Liu ZeMin *see* Pi Yiming 108959
Liu Zemin *see* Pi Yiming 118014
Liu Zemin *see* Zemin Liu
Liu Zenghuang *see* Liu Zhaoxu 121047
Liu Zengji *see* Liu Yashe 117978
Liu Zhanwen, Zhang Wen, Zhang Xuezhen, Guo Xiaohong, Yuan Ping, Zhao Hongwei, Feng Yucheng, Li Jinyu, Wang Hui, Gao Jiyuan, Ma Baohua, Zhou Sixin, Wang Yifang, Wei Baohua High charge state ion source 110531
Liu Zhao *see* Zhao Liu
Liu Zhaoxu, Liu Zenghuang, Li Yongzhuang, Tang Yong, Chen Ruying, Pan Jianhua A mid-term dynamic instability of Southern China Interconnected Power System–simulation study 121047
Liu Zhaoxu, Yin Yonghya, Zheng Meite, Xu Zhenyu, Chen Ruying, Pan Jianhua A mid-term dynamic instability of Southern-China Interconnected Power System–failure procedure and lessons 111519
Liu Zhen *see* Zhen Liu
Liu Zheng Finding the directions of speech sources by microphone array 108201
Liu Zhengxin *see* Wang Honghong 63260
Liu Zhenlin *see* Zhenlin Liu
Liu Zhenmao *see* Zhang Guowei 79429
Liu Zhenning *see* Zhenning Liu
Liu Zhenqing, Li Chenglin, Wei Moan Pattern recognition of ultrasonic flaw signals for detection of large grained materials 72997
Liu Zhenxing *see* Zhenxing Liu
Liu Zhi Yuan *see* Wang Er Zhi 102902
Liu Zhi-Guo *see* Zhi-Guo Liu
Liu Zhi-Qiang *see* Zhi-Qiang Liu
Liu Zhi-Wei *see* Zhi-Wei Liu
Liu Zhigang *see* Zhigang Liu
Liu Zhiguo *see* Jin Fahong 116034
Liu Zhiguo *see* Lu Kecheng 65034
Liu Zhiguo *see* Wu Wei 105535
Liu Zhiguo *see* Xiong Sibei 64095
Liu Zhiguo *see* Zhiguo Liu
Liu Zhihong *see* Zhihong Liu
Liu Zhijun *see* Zhijun Liu
Liu Zhishan Theory of intercepts implication of values 72612
Liu Zhiwei *see* He Mincai 110152
Liu Zhixiong *see* Zhixiong Liu
Liu Zhiyong, Tang Kun, Feng Chongxi A real-time 8000 bps ACELP coder with low complexity and high quality 117279
Liu Zhong *see* Zhong Liu
Liu Zhong-Zhu *see* Zhong-Zhu Liu
Liu Zhongchun *see* Zhongchun Liu
Liu Zhonglin, Cao Mingcui, Li Hongpu, Wan Anjun, Li Zhaiguang FET-SEED smart pixel (2,2,2) photonic switching nodes used in free space photonic switching network 68023
Liu Zhongrong *see* Zhongrong Liu
Liu Zhuo *see* Gao Zhongwen 80912
Liu Zhuo *see* Gao Zhongwen 91048
Liu Zhuo *see* Yu Jilai 80942
Liu Zi-Xin *see* Zi-Xin Liu
Liu Zugang, Zhao Weiming, Ji Rongbin, Zhang Zhilin, Jiang Xueyin, Xue Minzhao, Fang Bin Organic thin film electroluminescent devices with ZnO:Al as the anode 64950
Liu Zuli *see* Gang Guojia 104034
Liu Zuli *see* Wei Helin 104983
Liu Zuping *see* Zuping Liu
Liuchen Chang An improved FE inductance calculation for electrical machines 91480
Liuchen Chang Development of a driver board power supply for high power IGBTs used in three-phase inverters 93119
Liuchen Chang *see* Sharaf, A.M. 71514
Liusheng Liu, Zhijian Li, Bingxue Shi A multi-input fuzzy processor for pattern recognition 83253
Liuyang Yang, Fischer, T.R. A fixed-rate trellis source code for memoryless sources 66460
Livack, G.S. *see* Chang, G.C. 120608
Livan, M. *see* Autiero, D. 80006
Livas, J.C. High sensitivity optically preamplified 10 Gb/s receivers 88631
Liverani, A. *see* Persiani, F. 98016
Livermore, C. *see* Crouch, C.H. 105390
Livermore, C. *see* Crouch, C.H. 105413
Livesay, G.A. *see* Rudy, T.W. 110652
Livesay, W.R. *see* Ross, M. 105812
Livescu, G., Chirovsky, L.M.F. Gigabit per second optical interconnection using picosecond pulses and smart pixels 99031
Livescu, G. *see* Chirovsky, L.M.F. 85334
Livescu, G. *see* Dutta, N.K. 100011
Livesey, M. *see* Allison, C. 118233
Livesey, N. *see* Dudhia, A. 120777
Livi, S. *see* Barbato, G. 68958
Livieratos, S.N. *see* Kanellopoulos, J.D. 97137
Livieratos, S.N. *see* Kanellopoulos, J.D. 107959
Livik, K., Knain, M. Network tariffs in deregulated regimes 101799
Livingston, G.P. *see* Morrissey, L.A. 70452
Livingston, S. *see* Ng, W. 66151
Livingstone, A. BT interactive TV 119484
Livingstone, J. *see* Henry, J. 112415
Livingstone, M. *see* Ciesla, C.M. 105348
Livingstone, M. *see* Gontijo, I. 114785
Livne, Z. *see* Atzmony, U. 64306
Livny, M., Ratnakar, V. Quality-controlled compression of sets of images 108605
Livny, M. *see* Chungmin Chen 86365
Livny, M. *see* Ratnakar, V. 86741
Livovsky, L. *see* Bansky, J. 89034

Livreri, P., Sannino, M. Noise and gain performance of pseudomorphic-HEMT vs temperature for microwave low-noise applications 62254
Livreri, P. *see* Caddemi, A. 73761
Livreri, P. *see* Caddemi, A. 99436
Livshits, B. *see* Genut, M. 105809
Livshits, D.A. *see* Katsavets, N.I. 96315
Liwang, B. *see* Carlsson, L. 81206
Liwei, Z. *see* Weiqi, J. 77185
Liwei Huang *see* Huang Liwei
Liwei Lin, Mu Chiao, Huey-Chi Chu Thermally isolated microstructures for sensors and actuators 64016
Liwei Zhou *see* Zhou Liwei
Liwu Lu *see* Lu Liwu
Lixin Cheng *see* Cheng Lixin
Lixin Jia, White, R.M., Kryder, M.H. The role of vortices in the magnetization process of small dimension permalloy films 115495
Lixin Zhao, Li Peng, Zhongyi Zhang, Xiangdong Yu Techniques for electron-beam fabrication of 0.5 μm linewidth masks using AZ1350 positive photoresist 94856
Lixin Zhu *see* Kan Zhang 119207
Lixin Zhu *see* Zhu Lixin
Lixing Xu *see* Xu Lixing
Lixue Wu, Zielinski, A., Bird, J.S. A point-matching method for array pattern synthesis 108067
Liyan Fu *see* Fu Liyan
Liyi Dai, Xiuli Chao Comparing single-server loss systems in random environment 82379
Liying Huang, Raghuveer, M.R. Hybrid simulation of metal oxide surge-arrester thermal behaviour 70991
Liying Shen *see* Shen Liying
Liying Tan *see* Tan Liying
Liying Wu *see* Wu Liying
Liyou Yang *see* Daxing Han 102998
Liyun Qi *see* Qi Liyun
Liyun Rao, Weili Yan, Renjie He Mean field annealing (MFA) and optimal design of electromagnetic devices 65748
Liyun Rao, Weili Yan, Renjie He, Yuesheng Ling The dynamically solving of electromagnetic problems with application of neural networks 107716
Liyun Yu *see* Wilson, A. 117606
Liyun Zhang *see* Zhang Liyun
Liyun Zhong *see* Zhong Liyun
Liz, E., Nieto, J.J. Boundary value problems for second order integro-differential equations of Fredholm type 92630
Lizak, P. *see* Hill, R. 66419
Lizalek, G.C. *see* Brauer, J.R. 104796
Lizalek, N.N., Bushuyev, V.V. A wave approach to the study of electromechanical oscillations of energy systems 80760
Lizhen Liang *see* Liang Lizhen
Lizhong Hu *see* Hu Lizhong
Lizhong Mao *see* Mao Lizhong
Lizhong Zhu, Vlach, J. RF to digital direct conversion receiver using PLL-Σ/Δ architecture: possibilities and problems 118755
Lizhu Tong *see* Tong Lizhu
Lizhuang Ma *see* Ma Lizhuang
Lizogub, V.G. *see* Kokhanenko, G.P. 83780
Lizotte, C.D. *see* Estes, L.E. 107663
Lizotte, T., Ohar, O., O'Keefe, T., Kelly, C. Laser drilling speeds BGA packaging 103435
Lizotte, T.E., O'Keeffe, T.R. Chemical free cleaning using excimer lasers 107649
Lizotte, T.E., Ohar, O.P., Baker, T.J., O'Keeffe, T.R. Beam optimization for dry cleaning processes 105619
Lizuka, M. *see* Maeda, T. 102797
Lizzi, F.L. *see* Feleppa, E.J. 90372
Lizzi, T. *see* Kim, A.S. 64254
Ljashedko, P.G. *see* Danilov, O.B. 116364
Ljikar, M. Influence of repeated calls on operation of telephone system 98615
Ljikar, M., Svircevic, S., Obradovic-Sikimic, M., Detvai, A., Martinovic, V. Review of reliability and availability of telephone system for higher hierarchical level (CVHN) 99014
Ljokelsoy, K. *see* Runde, M. 121822
Lju Cheh-Ming *see* Cheh-Ming Lju
Ljung, L., McKelvey, T. Subspace identification from closed loop data 117339
Ljungberg, K., Jansson, U., Bengtsson, S., Soderbarg, A. Modification of silicon surfaces with H_2SO_4:H_2O_2:HF and HNO_3:HF for wafer bonding applications 63383
Ljungberg, K., Jansson, U., Soderbarg, A., Bengtsson, S. Modification of silicon surfaces with H_2SO_4:H_2O_2:HF and HNO_3:HF for wafer bonding applications 63371
Ljungberg, M., Olsson, T., Sandell, A., Strand, S.-E. Evaluation of imaging parameters for scintillation camera imaging of positron-emitting radionuclides in the Compton region 101104
Ljungberg, P. Optimum distance profile trellis encoders for sequential decoding 66338
Ljunggren, K., Tagesson, M., Erlandsson, K., Strand, S.-E. Beta camera and pinhole SPECT imaging for dosimetry applications 101257
Llana, A. Uniting services on fixed and mobile networks 118556
Llebaria, A., Lamy, P., Malburet, P. Discrimination of point-like objects in astronomical images using surface curvature 77093
Llein, R. *see* Xu, Z. 117809
Llewellyn, D.J. *see* Belay, K.B. 113353
Llewellyn, D.J. *see* Belay, K.B. 113370
Llewellyn-Jones, D.T. *see* Yong Xue 111189
Llewellyn-Rees, G.J.J. *see* Richardson, J. 102831
Llobet, E. *see* Vilanova, X. 69346
Llobet, E. *see* Vilanova, X. 110265
Llombart, A. *see* Sanz, M. 112075
Llopis, O., Dienot, J., Verdier, J., Plana, R., Gayral, M., Graffeuil, J. Analytic investigation of frequency sensitivity in microwave oscillators: Application to the computation of phase noise in a dielectric resonator oscillator 62277
Llopis, O., Escotte, L. Cryogenically cooled HEMT's from the device towards the applications 84615
Llopis, O., Verdier, J., Plana, R., Graffeuil, J. Low frequency noise in FET devices operated under nonlinear conditions: consequences on oscillator phase noise 93823
Llopis, O., Verdier, J., Plana, R., Graffeuil, J. The active device characterization and modelling problem in low phase noise microwave oscillator design 114258
Llopis, O. *see* Andre, Ph. 62310
Llopis, O. *see* Plana, R. 83408
Llopis, O. *see* Verdier, J. 93815
Llopis, R.P. *see* Velasco, A.J. 74835
Llovera, L. Getting the most out of CATV networks 109922
Llovet, R. *see* Fernandez Lillo, E. 71071
Lloyd, C.J.C. *see* Reinhart, W.F. 90711
Lloyd, J.R., Clement, J.J. Electromigration damage due to copper depletion in Al/Cu alloy conductors 115020
Lloyd, J.R., Sauber, J.B., Walls, J.A. Stress concentrations at W vias 115000
Lloyd, J.R. *see* Filippi, R.G. 115018
Lloyd, L. New Dallas Super Magnet School introduces interactive curriculum based on campus-wide 3Com network 78035
Lloyd, S. *see* Gell-Mann, M. 117106
Lloyd, S.H., Infield, D.G. Instrumentation and model development for the Proven 2.2 kW wind turbine 91415
Lloyd, T.B. *see* Pearson, R.A. 112964
Lloyd-Hart, M. *see* Hege, E.K. 77195
Lm Song-Bin *see* Song-Bin Lm
Lo, C.C., Taylor, B., Baptiste, K. The amplitude and phase control of the ALS storage ring RF system 89686
Lo, C.C.H. *see* Ng, D.H.L. 75112
Lo, C.K. *see* Ching-Ray Chang 115569
Lo, C.K. *see* Yao, Y.D. 113378
Lo, C.W. *see* Yu, S.F. 85457
Lo, D.C.K. The design and construction of a TEM laboratory facility–a Hong Kong experience 92161
Lo, D.C.W. *see* Aust, M.V. 83435
Lo, D.C.W. *see* Dow, G.S. 89157
Lo, D.C.W. *see* Lai, R. 104878
Lo, F.L., Ng, T.S., Yuk, T.I. A model for evaluating the performance of code phase assignment CDMA LAN 87854
Lo, F.L., Ng, T.S., Yuk, T.I. Delay-throughput comparison of single and multi-channel slotted ALOHA networks 118037
Lo, F.L., Ng, T.S., Yuk, T.I. Performance comparison of single and multi-channel CSMA-CD wireless networks using equilibrium point analysis 118772
Lo, I. *see* Teng, T. 121107
Lo, J., Shuck, C.C., Kuanyi, Z. On-line estimation of fermentation variables using neural network 98139
Lo, K.C., Purvis, A. Reconstructing randomly sampled signals by the FFT 117433
Lo, K.L., Al-Olyan, S.A. Load forecasting in developing countries 91074
Lo, K.L., El-Khatroushi, H., Alammari, R. Prediction and performances of a synchronous generator through a delta-star transformer 102656
Lo, K.L., Ng, H.S., Trecat, J. Distribution fault diagnostic using Petri net theory 102056
Lo, K.L., Ojaghi, S.G.M. Transient stability studies via new technique of homeostatic based on parallel processing 121051
Lo, K.L., Song, Z.M., Marchand, E., Pinkerton, A. A tracking state estimator for industrial power station boiler using linear programming method 71135
Lo, K.L., Yin, Q. A hybrid system for transient stability analysis of power systems using genetic algorithms and pattern recognition 101717
Lo, K.L. *see* Akhtar, A. 70762
Lo, K.L. *see* Sawir, B. 101664
Lo, K.L. *see* Tan, C.H. 91141
Lo, K.L. *see* Tso, S.K. 80822
Lo, K.M. *see* Vlassis, M. 75489
Lo, K.P., Groger, H.P., Shufang Luo, Churchill, R.J., Waterbury, R.D. Loss compensation using digital-signal processing in fiber-optic fluorescence sensors 79492
Lo, N.R., Pister, K.S.J. 3DμV–a MEMS 3-D visualization package 74990
Lo, P. *see* Weiss, M.N. 79321
Lo, P.F. *see* Kaabi, L. 94662
Lo, R.-C., Tsai, W.H. Colour image detection and matching using modified generalised Hough transform 117801
Lo, R.H.Y. *see* Chen, A.S. 112940
Lo, R.Y. *see* Nguyen, L.T. 112963
Lo, S. *see* Padmanabhan, K. 77598
Lo, S.-C.B. *see* Freedman, M. 80378
Lo, S.C.B. *see* Li, H. 70101
Lo, T. *see* Quach, B. 119293
Lo, T. *see* Sandhu, A. 88385
Lo, T. *see* Shau-Ming Lun 101918
Lo, T. *see* Wang, F. 99614
Lo, T. *see* Zhang, Y. 109743
Lo, T.C., Huang, H.C., Zhang, J.S. Self-planarized deep trench process for self-aligned nitride bipolar device isolation 84567
Lo, T.C. *see* Jinshu Zhang 74027
Lo, T.C. *see* Jinshu Zhang 84427
Lo, T.K.Y. *see* Ji Chen 90828
Lo, V.C., Pan, M.X., Wong, S.P., Lam, Y.W. Modelling of argon-implantation-induced boron redistribution in silicon 63247
Lo, V.C., Wong, Y.W., Cho, H.C., Chen, Y.Q., Ho, S.M., Chan, P.W., Tong, K.Y. Excimer laser assisted spin-on doping of boron into silicon 105566
Lo, Y.-H. *see* Christenson, G.L. 64623
Lo, Y.-H. *see* Tran, A.T.T.D. 89053
Lo, Y.C. *see* Mauceri, T. 80448
Lo, Y.H. *see* Chua, C.L. 65320
Lo, Y.H. *see* Lin, C.H. 116746
Lo, Y.H. *see* Tran, A.T.T.D. 64876
Lo Bello, L. *see* Andronico, M. 87988
Lo Chia Tien *see* Chia Tien Lo
Lo Faro, F. *see* Grasso, R. 102057
Lo Gun-Man *see* Gun-Man Lo
Lo Ikai *see* Ikai Lo
Lo In-Lan *see* In-Lan Lo
Lo Jien-Chung *see* Jien-Chung Lo
Lo Kwok-Tung *see* Kwok-Tung Lo
Lo Nostro, P. *see* Pratesi, R. 101429
Lo Presti, L., Olmo, G. A realizable paraunitary perfect reconstruction QMF bank based on IIR filters 76999
Lo Presti, M. *see* Rizzotto, G. 71034
Lo Presti, S. *see* Castoldi, P. 120597
Lo Re, G. *see* Delgrossi, L. 98495
Lo Shih-Chung B. *see* Shih-Chung B. Lo
Lo Shiow-Fang *see* Shiow-Fang Lo
Lo Tai-Chin *see* Tai-Chin Lo
Lo Taichin *see* Fu Jun 105965
Lo Titus *see* Titus Lo
Loa, I. *see* Hoffmann, A. 74210
Loach, P.D. *see* Ramirez, J.A. 65609
Loan, D. *see* Chelcea, T. 107697
Loan, D. *see* Ionita, V. 64279
Loan, J.F., Sullivan, L.A., Sullivan, J.J. Materials delivery challenges in ULSI processing 63840
Loan, J.F. *see* Braeckelmann, G. 84217
Loan, J.P. *see* Delp, S.L. 80430
Lob, W.H., Laming, R.I., Ellis, A.D., Atkinson, D. 10 Gb/s transmission over 700 km of standard single-mode fiber with 10-cm chirped fiber grating compensator and duobinary transmitter 99578
Lobachev, V.V. *see* Bashkin, A.S. 75810
Lobachov, M. *see* Drozd, A. 73245
Lobanov, V. *see* Badura, E. 120203
Lobb, C.J. *see* Takeuchi, I. 84886
Lobb, C.J. *see* Whan, C.B. 75347
Lobeck, M.R. Stores management system fiber optic video network 120939
Lobel, M. *see* Garvey, D.W. 106804
Lobet-Maris, C. *see* Nam Tien Nguyen 103354
Lobetti Bodoni, M. *see* Barbagallo, S. 104467
Lobina, A. *see* Dal Lago, A. 62185
Lobkis, O.I. *see* Safaeinili, A. 92986
Lobkis, O.L. *see* Safaeinili, A. 104218
Lobkowicz, F. *see* Baumbaugh, B. 80030
Lobkowicz, F. *see* Chung, M. 80031
Lobl, H., Rogler, R.-D., Scholz, H. Current-carrying capacity of the transformer in a compact substation 121807
Lobley, N.C. *see* Cullen, J.M. 109377
Lobley, N.C. *see* Mason, P.C. 78396
Lobley, R.A., Evans, G.J., Haines, N.A. Condition monitoring of a static power inverter using Visual Basic software 102858
Lobner, B. *see* Teichert, J. 74930
Lobnig, R.E., Siconolfi, D.J., Frankenthal, R.P., Stratmann, M., Sinclair, J.D. Atmospheric corrosion of aluminum, copper, and zinc in the presence of ammonium sulfate particles 61489
Lobo, I., del Valle, I., Lorenzo, S., Ruiz, J.M. Flux and torque full-control in AC drives with current-sourced converters 103056
Lobo, I. *see* del Valle, I. 102609
Lobo, I. *see* Del Valle, I. 102610
Lobo, J., Lucas, P., Dias, J., Traca de Almeida, A. Inertial navigation system for mobile land vehicles 69075
Lobo, N.da V., Tsotsos, J.K. Computing egomotion and detecting independent motion from image motion using collinear points 98047
Lobo, N.da Vitoria *see* da Vitoria Lobo, N.
Lobo Pereira, F., Borges Sousa, J., Gil Martins, C., Pereira da Silva, E. AUV system requirements for coastal oceanography 90833
Lobo Ribeiro, A.B., Rao, Y.J., Zhang, L., Bennion, I., Jackson, D.A. Time-and-spatial-multiplexing tree topology for fiber-optic Bragg-grating sensors with interferometric wavelength-shift detection 69212
Loboda, M.J. *see* Camilletti, R.C. 92272

Loboda, M.J. *see* Steckl, A.J. 103993
Lobodzinski, W. *see* McGhee, J. 93599
Lobos, T., Rezmer, J. Digital determination of power system frequency in the presence of harmonics 101752
Lobos, T., Rezmer, J. Real-time determination of power system frequency 111696
Lobov, G.D. *see* Zhgoon, S.A. 62300
Lobov, I. *see* Karshev, Yu. 89941
Loboyko, A.I. *see* Napartovich, A.P. 107070
Lobry, J., Broche, C., Trecat, J. Use of transmission-line modelling in BEM for solution of piece-homogeneous static field problems 65653
Lobry, J., Trecat, J., Broche, C. Symmetry and TLM method in nonlinear magnetostatics 65672
Lobstein, A. *see* Charon, I. 66348
Lobstein, A. *see* Cohen, G.D. 66342
Lobunov, V.S. Dynamic simulation of MOS-structures on switching level 83032
Locascio, J.J., Cho, W. New ICs and control techniques for battery powered systems 61636
Locatelli, M.L. *see* Lanois, F. 84127
Locatelli, M.L. *see* Lebedev, A.A. 105302
Locatelli, M.L. *see* Ortolland, S. 114694
Locatelli, T. *see* Tognola, G. 120433
Locci, E. *see* Peigneux, J.P. 120164
Locci, M. *see* Fornari, R. 61158
Loch-Duplex, N.L., Vidal-Madjar, D., Hardange, J.-P. On the calibration of the helicopter-borne polarimetric radar Rene 78997
Lochak, P. From oscillators to the moduli space of curves 113791
Lochel, B., Maciossek, A., Quenzer, H.J., Wagner, B. UV depth lithography and galvanoforming for micromachining 63991
Locher, R. *see* Samlenski, R. 92740
Locher, R.E., Zschieschang, O. New class of power switches fits high voltage, high frequency application 83568
Locher, R.E., Zschieschang, O. New class of power switches fits high voltage, high frequency application 84375
Lochman, L. *see* Chudacek, V. 122016
Lochner, R. *see* Bu-Xin Xu 95543
Lochtefeld, A.J., Melloch, M.R., Chang, J.C.P., Harmon, E.S. The role of point defects and arsenic precipitates in carrier trapping and recombination in low-temperature grown GaAs 105152
Lochtermann, E. *see* Georgakilas, A. 113327
LoCicero, S. Hierarchical floorplanning and system partitioning for high-speed board design 94017
Lock, K.S. *see* Chang, C.S. 70766
Lock Kai Sang *see* Oruganti, R. 71554
Lock Kai Sang *see* Rajaram, S. 111918
Lockett, P. *see* Conlon, P. 98260
Lockhart, J.B. *see* Flur, P.W. 112759
Lockhart, W.L. *see* Chau, S.N. 80566
Lockman, W.S. *see* Adams, D. 69840
Lockner, T.R. *see* Cuneo, M.E. 69683
Lockner, T.R. *see* Mehlhorn, T.A. 69637
Lockner, T.R. *see* Menge, P.R. 120122
Lockwood, D.J., Hawrylak, P., Wang, P.D., Song, Y.P., Torres, C.M.S., Holland, M.C., Pinczuk, A., Dennis, B.S. Inelastic light scattering from electronic excitations in deep-etched quantum dots and wires 62996
Lockwood, D.J. *see* Baribeau, J.-M. 92724
Lockwood, D.J. *see* Lu, Z.H. 63149
Lockwood, D.J. *see* Roth, A.P. 114786
Lockwood, J.A. *see* Hull, J.R. 106732
Lockwood, L.W. HDTV and SDTV: A progress update 68858
Lockwood, L.W. A unique fiber optic upstream data system: Transmission without light 99462
Lockwood, M.D., Phillips, J.W., de Camara, D.L. Strength, strain, energy, and toughness of silicone breast implant shells 70238
Lockwood, P. *see* Boudy, J. 67975
Lockwood, P. *see* Upfold, L. 90608
Lockwood, R.J. *see* Holliday, A. 92235
Lockyer, A.J., Alt, K.H., Kinslow, R.W., Kan, H.-P., Kudva, J.N., Tuss, J., Goetz, A. Development of a structurally integrated conformal load bearing multifunction antenna: Overview of the Air Force Smart Skin Structures Technology Demonstration program 120932
Lockyer, N.S. Hadron identification for B-physics detectors 120209
Lockyer, N.S. *see* Kononenko, W. 62559
Lockyer, N.S. *see* Lu, C. 69720
Lockyer, R. A sonic anemometer for general meteorology 80659
Lodder, J.C. *see* De Haan, S. 106497
Lodder, J.C. *see* Geurtsen, A.J.M. 92929
Lodder, J.C. *see* Immink, A.H.J. 106537
Lodder, J.C. *see* Luitjens, S.B. 106498
Lodder, J.C. *see* Meng, Q. 115612
Lodder, J.C. *see* Phillips, G.N. 115613
Lodder, J.C. *see* Samwel, E.O. 106541
Lodder, J.C. *see* Van Drent, W.P. 75188
Loddick, S.J. Modelling frequency dependency of induction machine equivalent circuit parameters 121987
Loddo, F. *see* Comes, G. 110613
Loddo, S., Gouni, P., Job, A., Secretan, H. EURIDIS ranging system: Use and architecture 90725
Lode, J. *see* Undeland, T.M. 93975
Lodge, J. *see* Desormeaux, L. 93485
Lodge, M.A., Flower, M.A., Webb, S., Binnie, D.M. Single photon emission computed tomography employing a rotating slat collimator 80310
Lodge, M.A., Webb, S., Flower, M.A., Binnie, D.M. A prototype rotating slat collimator for single photon emission computed tomography 101192
Lodge, N.K., Wood, D. New tools for evaluating the quality of digital television–results of the MOSAIC project 119394
Lodge, R. *see* Hartung, T. 98903
Lodi Rizzini, E. *see* Agnello, M. 110583
Loe, D. Lighting for the home 122067
Loe, K.F. A sinusoidal polynomial spline and its Bezier blended interpolant 72608
Loe, R.R. Metering systems for competitive energy supply to residential customers 102302
Loe Le Tan *see* Tan Loe Le
Loe Mie, R., Liu, Z.D., Bloch, D., Juncar, P., Ducloy, M. Laser diode based all optical clock 96272
Loeb, S. Interactive billing for broadband and multimedia services 118623
Loeber, D.A.S. *see* Redwing, J.M. 85454
Loebl, M. *see* Galluccio, A. 103643
Loechel, B., Maciossek, A. Surface micro components fabricated by UV depth lithography and electroplating 74911
Loechel, S.E., Walthall, C.L., de Colstoun, E.B., Chen, J.M., Markham, B.L. Spatial and temporal variability of surface cover at BOREAS using reflectance from a helicopter platform 120897
Loeffelmacher, D. *see* Stephan, A. 100765
Loeffler, A., Rasigni, M., Raidt, U. Entropy approach through graph theory for studying the degree of order in one-dimensional distributions of objects 76691
Loeffler, A. *see* Mariette, H. 72771
Loehmann, M. *see* Zacharias, M. 94277
Loelgen, P. *see* Leguijt, C. 102983
Loeliger, H.-A. On the trellis of convolutional codes over groups 66401
Loeliger, H.-A. *see* Andersson, H. 66406
Loeliger, H.-A. *see* Wiberg, N. 66471
Loenneker, T., Hennel, F., Hennig, J. Multislice interleaved excitation cycles (MUSIC): an efficient gradient-echo technique for functional MRI 90380
Loew, G. *see* Raubenheimer, T. 89588
Loew, G. *see* Tatchyn, R. 96526
Loew, G.A. *see* Wang, J.W. 89650
Loewe, W. *see* Cohen, C.E. 70392
Loewen, R. *see* Hanna, S.M. 89716
Loewen, R.J. *see* Wang, J.W. 89650
Loewenhardt, P.K. *see* Krishnan, S. 105673
Loewenhardt, P.K. *see* Ma, D.X. 114917
Loez, A.M., Jr., Junkin, B., McGregor, L. Gross feature detection in remotely sensed CAMS imagery using a multi-paradigm software approach 90844
Lof, P.-A. *see* Rios M., S. 101960
Lofaro, R.J. Understanding aging in containment cooling systems 91300
Lofdahl, C.S. The case of the triple threat [triplen harmonics] 70998
Lofdahl, L. *see* Kalvesten, E. 88976
Loferski, J.J. *see* Hwang, H.L. 83793
Loffeld, O. *see* Heinol, H. 75588
Loffeld, O. *see* Heinol, H. 117810
Loffeld, O. *see* Kramer, R. 68559
Loffeld, O. *see* Xu, Z. 79344
Loffeld, O. *see* Xu, Z. 117809
Loffler, E. *see* Meigooni, A.S. 80456
Loffler, R. *see* Albrecht, P. 75501
Loffler, T. *see* Pfeifer, T. 83344
Lofgren, C. *see* Tsu, R. 61235
Lofgren, R. *see* Henning, B. 90284
Lofgren, Z. Science and technology policy in the 104th congress 103381
Lofnes, T. An automatic tune-measurement system for the CELSIUS ring 100600
Lofstedt, R.E. Risk communication. The Barseback nuclear plant case 112816
Lofving, B. Measurement of the spatial phase modulation of a ferroelectric liquid-crystal modulator 85110
Logachev, A.V. *see* Vavilov, S.G. 106623
Logan, D., Mathew, J. Using the correlation dimension for vibration fault diagnosis of rolling element bearings .I. Basic concepts 89516
Logan, D.B., Mathew, J. Using the correlation dimension for vibration fault diagnosis of rolling element bearings .II. Selection of experimental parameters 89517
Logan, D.M. *see* Dozer, D.M. 115871
Logan, E.A. *see* Benson, D. 114482
Logan, E.A. *see* Goldstein, J.L.F. 62522
Logan, J., Gowdy, J. Adaptive pitch period decimation and its application in speech compression 97658
Logan, J., Petersen, K., Klaassen, E., Noworolski, M., Maluf, N., McCulley, W. Micromechanical structures fabricated by silicon fusion bonding and deep reactive ion etching 64002
Logan, J. *see* Gene-Jack Wang 90291
Logan, J. *see* Klaassen, E.H. 84625
Logan, J.A. *see* Kikuchi, H. 69400
Logan, L. PC-based data acquisition 68993
Logan, M.W. *see* Cong, S. 108372
Logan, P.E. *see* Light, D.N. 114440
Logan, R.A. *see* Chu, S.N.G. 114862
Logan, R.A. *see* Morton, P.A. 65369
Logan, R.A. *see* Morton, P.A. 107235
Logan, R.T., Jr., Gertel, E. Millimeter-wave photonic downconvertors: theory and demonstrations 68457
Logeay, Y., Macrez, J., Meyer, B. Training simulators for control center operators: EDF's past experience and projects for the future 90997
Loggia, A. *see* Arri, E. 102817
Loggins, B. *see* Jacobsen, E. 79381
Loggins, B. *see* Jacobsen, E. 110088
Logie, B. *see* Chopp, M. 120510
Logie, L.J. *see* Laing, I.A. 90333
Loginov, S.V. *see* Abdullin, E.N. 89903
Loginov, Y.Y., Durose, K., Al-Allak, H.M., Galloway, S.A., Oktik, S., Brinkman, A.W., Richter, H., Bonnet, D. Transmission electron microscopy of CdTe/CdS based solar cells 102988
Loginova, E. *see* Lukov, N. 112518
Loginova, E. *see* Lukov, N. 112519
Logofatu, M.F. *see* Manea, S.A. 75679
Logothetis, A. *see* Krishnamurthy, V. 77003
Logothetis, A. *see* Tonissen, S.M. 117865
Logothetis, D. *see* Chang-Yu Wang 87350
Logrippo, L. *see* Stepien, B. 67698
Logue, F. *see* Donegan, J.F. 75956
Logue, F.P. *see* Rees, P. 96332
Logvenov, G.Yu., Ito, H., Ishiguro, T., Saito, G., Takasaki, S., Yamada, J., Anzai, H. Anomalous Nernst effect in the mixed state of the two-band organic superconductors κ-(BEDT-TTF)$_2$Cu[N(CN)$_2$]Br and κ-(BEDT-TTF)$_2$Cu(NCS)$_2$ 106662
Logvin, A.I. *see* Lootin, E.A. 99630
Logvin, A.I. *see* Loutin, E.A. 111108
Logvin, A.I. *see* Solomentsev, V.V. 99692
Loh, C.M. *see* Dudley, J.M. 116303
Loh, C.M. *see* Dudley, J.M. 116342
Loh, E.C. *see* Bird, D.J. 110586
Loh, F.C. *see* Choi, W.K. 92869
Loh, G., Niebuhr, W. A new algorithm for constructing large Carmichael numbers 60841
Loh, H.T. *see* Cai, Y.Y. 77373
Loh, H.T. *see* Cai, Y.Y. 112855
Loh, K.P. *see* Foord, J.S. 103921
Loh, K.W.K. *see* Hernandez-Figueroa, H.E. 96716
Loh, R. *see* Fernow, J.P. 79074
Loh, T.H., Miyamoto, T., Takada, T., Koyama, F., Iga, K. Design and CBE growth of strain-balanced InAsP/GaInP short-period superlattice for long-wavelength MQB 103900
Loh, W.H. Suppression of self-pulsing behavior in erbium-doped fiber lasers with resonant pumping 65080
Loh, W.H., De Sandro, J.P. Suppression of self-pulsing behaviour in erbium-doped fiber lasers with resonant pumping: experimental results 116403
Loh, W.H., Dong, L., Caplen, J.E. Single-sided output Sn/Er/Yb distributed feedback fiber laser 116410
Loh, W.H., Laming, R.I., Ellis, A.D., Atkinson, D. 10 Gbit/s transmission over 700 km of standard single mode fibre with a 10 cm chirped fibre grating compensator and duobinary transmitter 78712
Loh, W.H., Laming, R.I., Ellis, A.D., Atkinson, D. Dispersion compensated 10 Gbit/s transmission over 700 km of standard single mode fiber with 10 cm chirped fiber grating and duobinary transmitter 88653
Loh, W.H., Laming, R.I., Robinson, N., Cavaciuti, A., Vaninetti, F., Anderson, C.J., Zervas, M.N., Cole, M.J. Dispersion compensation over distances in excess of 500 km for 10-Gb/s systems using chirped fiber gratings 78943
Loh, W.H., Samson, B.N., Harutjunian, Z.E., Laming, R.I. Intracavity pumping for increased output power from a distributed feedback erbium fibre laser 75863
Loh, W.H. *see* Atkinson, D. 78713
Loh, W.H. *see* Atkinson, D. 85027
Loh, W.H. *see* Laming, R.I. 78820
Loh, W.W., Dickin, F.J. A novel computer architecture for real-time solution of inverse problems [electric impedance tomography] 101377
Loh, Y.T. *see* Chun Jiang 84577
Loh Wee Tee *see* Wee Tee Loh
Loh Ying-Tsong *see* Ying-Tsong Loh
Lohani, R.B. *see* Shubha 106094
Lohmann, A. *see* Garcia, J. 98015
Lohmann, A.W., Zalevsky, Z., Mendlovic, D. Synthesis of pattern recognition filters for fractional Fourier processing 86961
Lohmann, A.W. *see* Danziger, Y. 116767
Lohmann, A.W. *see* Mendlovic, D. 67448
Lohmann, A.W. *see* Mendlovic, D. 98013
Lohmann, M. *see* Dix, W.R. 70096
Lohmeyer, M. *see* Shamonin, M. 95883
Lohmeyer, M. *see* Shamonin, M. 97251
Lohmeyer, M. *see* Shamonin, M. 106841
Lohndorf, M., Wadas, A., van den Berg, H.A.M., Wiesendanger, R. Structure of cross-tie wall in thin Co films resolved by magnetic force microscopy 75129
Lohndorf, M., Wadas, A., Wiesendanger, R., van Kesteren, H.W. Domain structure of Co/Pt multilayers studied by magnetic force microscopy 64382

Lohner, A., Aghvami, A.H. Performance evaluation of channel allocation algorithms with the new reshuffle technique 88350
Lohner, T. *see* Boher, P. 94697
Lohnert, A. *see* Richter, H. 112906
Lohninger, G. *see* Huber, J. 84311
Lohr, J.M. *see* O'Neill, R.C. 105029
Lohrmann, A. *see* Zedel, L. 88733
Lohrmann, D.R. Manifold offers 94-GHz power distribution 83302
Lohrmann, R. *see* Heinrich, W. 73784
Lohse, K. Upgrading CATV systems for interactive services 119458
Lohse, U., Reetz, T. Special ceramics in electric-furnace engineering 91953
Lohwasser, W. *see* Ivers-Tiffee, E. 81852
Loi Nguyen *see* Long Tran 83463
Loiacono, G.M. *see* Risk, W.P. 85670
Loika, S.L., Mordachev, V.I. A polynomial approximation of the characteristic of an ideal limiter in problems of the functional modeling of a radio receiver 88089
Lois, P., Baldomir, D., Rivas, J. Dual-complementary variational methods in eddy currents 65699
Loiseaux, B., Delboulbe, A., Heuignard, J.P., Tournois, P., Cheriaux, G., Salin, F. Characterization of perpendicular chirped phase volume grating pairs for laser pulse stretching 76302
Loiseaux, B. *see* Joubert, C. 89241
Loison, J.L. *see* Chergui, A. 92772
Loisy, F. *see* Dorr, R. 111724
Loiz, M. *see* Dressler, R. 109773
Loizos, Z. *see* Bouroushian, M. 113405
Loizou, P. *see* Kitsios, K. 117478
Lojacono, R. *see* Bertazzoni, S. 83287
Lojek, B. The evolving role of rapid thermal processing for deep submicron devices 84058
Lok, T.M., Lehnert, J.S. Error probabilities for generalized quadriphase DS/SSMA communication systems with random signature sequences 88112
Loka, H.S. *see* Benjamin, S.D. 62702
Lokanathan, A.N., Brockman, J.B., Renaud, J.E. A methodology for concurrent fabrication process/cell library optimization 82884
Lokberg, O.J., Rustad, R., Espeland, M. Tomographic reconstruction of sound fields in air using TV-holography 76274
Lokberg, O.J. *see* Valera, J.D.R. 79440
Loker, D.R., Hagenbuch, K. Ultrasonic instrumentation system 70004
Lokhande, C.D. *see* Jadhav, U.S. 116205
Lokhande, C.D. *see* Jodgudri, S.A. 121838
Lokhande, C.D. *see* Mohite, U.K. 61303
Lokhanin, Ye.K. A method for analysis and calculation of long-term transient conditions [in power systems] 70628
Loknathan, S. *see* Aggarwal, M.M. 69839
Lokner, V. *see* Levant, I. 111733
Lokonov, K.V. *see* Bobylev, V.B. 85812
Loktev, S.M., Lyndin, N.M., Sychugov, V.A., Usievich, B.A. Spectral selectivity of systems formed by tunnel-coupled waveguides with very different parameters 84967
Loller, C.P. *see* Jones, C.C.R. 65892
Loloee, A., Gosney, W.M., Howard, L.L. A programmable-gain VLSI circuit and system for sensing and stimulating action potentials of neuronal networks 70125
Lolos, G.J. *see* Maruyama, K. 100989
Lomaev, M.I. *see* Tarasenko, V.F. 107060
Lomaglio, F. *see* Coccioli, R. 97274
Lomakin, D. Fuzzy logic now also for fast closed-loop drive controls 91782
Lomas, D.J. *see* Hanka, R. 86363
Lomas, P.J. *see* Mondino, P.-L. 64567
Lomascolo, M. *see* Di Dio, M. 83945
Lomascolo, M. *see* Prete, P. 62828
Lomascolo, M. *see* Rinaldi, R. 62941
Lomashevich, S.A. An optical transistor with a ring resonator 85664
Lomatch, S. *see* Rippert, E.D. 64561
Lomba, C.R.A.T., Valadas, R.T., de Oliveira Duarte, A.M. Sectored receivers to combat the multipath dispersion of the indoor optical channel 88621
Lombard, X., Therond, P.G. Series compensation and subsynchronous resonance details analysis of the phenomenon and of its damping by a TCSC 70779
Lombardi, A. *see* Giuli, D. 68580
Lombardi, A.M. *see* Lapostolle, P. 120041
Lombardi, C. *see* Concannon, A. 61873
Lombardi, F., Ashen, D., Xiaotao Chen, Wei Kang Huang Diagnosing programmable interconnect systems for FPGAs 61794
Lombardi, F. *see* Brasca, C.L. 91372
Lombardi, F. *see* Buonanno, G. 93255
Lombardi, F. *see* Huang, W.K. 104476
Lombardi, F. *see* Huang, W.K. 104498
Lombardi, F. *see* Salinas, J. 104440
Lombardi, F. *see* Sungsoo Kim 61928
Lombardi, G. *see* Babich, F. 107916
Lombardi, G. *see* Coccioli, R. 97080
Lombardi, R. *see* Dotti, D. 110676
Lombardini, F., Verrazzani, L. Communication-constrained distributed radar detection in spiky clutter 109722
Lombardini, F. *see* Gini, F. 99633
Lombardini, F. *see* Gini, F. 99635
Lombardo, A. *see* La Corte, A. 77667
Lombardo, A. *see* La Corte, A. 78208
Lombardo, A. *see* La Corte, A. 87351
Lombardo, A. *see* Lenti, M. 78449
Lombardo, P. Echoes covariance modelling for SAR along-track interferometry 109742
Lombardo, P. *see* Bucciarelli, T. 88674
Lombardo, S., Pinto, A., Raineri, V., Ward, P., La Rosa, G., Privitera, G., Campisano, S.U. Si/Ge$_x$Si$_{1-x}$ heterojunction bipolar transistors with the Ge$_x$Si$_{1-x}$ base formed by Ge ion implantation in Si 105920
Lombardo, S. *see* Priolo, F. 114898
Lome, L. Photonics for data fusion networks 68021
Lomheim, T.S. *see* Boucher, R.H. 79442
Lomidze, M.A., Gorodetsky, A.E., Zakharov, A.P. Depth distribution of SiD and SiD$_2$ complexes in silicon bombarded by 10 keV D$_2^+$ ion 74544
Lommasson, T. *see* Wiedeman, S. 112334
Lomonosov, B.N. *see* Bagulya, A.V. 90150
Lomperski, S., Dreier, J. Dew-point measurements at high water vapour pressure [for nuclear reactor containment test facility] 69063
Lon-Rong Hu, Rappaport, S.S. An adaptive location management scheme for global personal communications 68316
Lonardi, S. *see* Foroni, R. 110670
Lonc, Z. On the complexity of some edge-partition problems for graphs 113137
Loncaric, S. *see* Chang, W. 101280
Loncki, S.B. *see* Shen, J.J. 74600
Loncol, T., Vynckier, S., Wambersie, A. Thermoluminescence in proton and fast neutron therapy beams 120573
Londy, F.J. *see* Prince, M.R. 69990
Lonergan, G.T. *see* Jones, C.L. 66798
Loney, G.C., Beach, M.E. Imaging studies of a real-time galvanometer-based point scanning system 67339
Long, A. *see* Brun, C. 71076
Long, A.R. *see* Barton, C.J. 62931
Long, A.R. *see* Borsosfoldi, Z. 63810
Long, A.R. *see* Shimakawa, K. 94381
Long, C. Status of the Rochester tandem 79789
Long, C., Dennison, M.I., Reehm, S.P. Web pages as resources: teaching content through WWW publishing 98691
Long, C.D. *see* Craig, A.D. 102071
Long, C.D. *see* Craig, A.D. 111474
Long, D. *see* Feldmann, P. 113703
Long, D. *see* Stolz, C.J. 106921
Long, D.E. *see* Godefroid, P. 108833
Long, D.E. *see* Iyer, M.A. 73218
Long, D.E. *see* Rajan, K.B. 104478
Long, D.G., Collyer, R.S., Arnold, D.V. Dependence of the normalized radar cross section of water waves on Bragg wavelength-wind speed sensitivity 70512
Long, D.G. *see* Early, D.S. 111105
Long, D.G. *see* Hardin, F.J. 90843
Long, D.G. *see* Hardin, P.J. 111343
Long, D.G. *see* Hardin, P.J. 111347
Long, D.G. *see* Wilson, C.J., III 120886
Long, E. *see* Takriti, S. 102006
Long, G. *see* D'Argenio, B. 120655
Long, G.J. *see* Grandjean, F. 64213
Long, G.J. *see* Luo, H. 75135
Long, G.J. *see* Marasinghe, G.K. 64214
Long, H. *see* Garvey, T. 90080
Long, H.C.de *see* de Long, H.C.
Long, J.R., Copeland, M.A. Modeling, characterization and design of monolithic inductors for silicon RFICs 115318
Long, J.R., Copeland, M.A., Kovacic, S.J., Malhi, D.S., Harame, D.L. RF analog and digital circuits in SiGe technology 74822
Long, L.R. *see* Bazzill, T.M. 110724
Long, M. *see* Pundak, N. 60638
Long, M.W. Low cost Doppler ratio detection radar with interclutter visibility 109776
Long, P. *see* Hung, N.D. 65055
Long, P.M. *see* Cesa-Bianchi, N. 66237
Long, P.M. *see* Hoang, D.T. 86315
Long, P.M. *see* Hoang, D.T. 86723
Long, R. *see* Mitra, S. 77430
Long, S. *see* Bloch, J. 65308
Long, S.I. *see* Kawasaki, H. 118702
Long, S.I. *see* Yen, J.C. 61798
Long, S.I. *see* Yen, J.C. 115370
Long, S.R., Buckner, W.B. Application of Taguchi process tools to simulate multiple lot production run and predict long term yield 72239
Long, W. *see* Strahle, S. 104832
Long Bi Qi *see* Bi Qi Long
Long Chang Kuen *see* Kuen Long Chang
Long Dongyang *see* Dongyang Long
Long Fei *see* Zhiyu Wen 69102
Long Lay Yun *see* Yun Long Lay
Long Pin *see* Pin Long
Long Quan Self-calibration of an affine camera from multiple views 98074
Long Quan, Cao Li, Wu Dakjin, Li Zaiguang One-dimensional model of a single-mode laser with correlation between additive and multiplicative noises 85354
Long Quan, Kanade, T. A factorization method for affine structure from line correspondences 86457
Long Shieh Chan *see* Chan Long Shieh
Long Sun *see* Sun Long
Long Tang *see* Ming Wan 98255
Long Tran, Isobe, R., Delaney, M., Rhodes, R., Jang, D., Brown, J., Loi Nguyen, Minh Le, Thompson, M., Takyiu Liu High performance, high yield millimeter-wave MMIC LNAs using InP HEMTs 83463
Long Wang, Angus, J.C., Aue, D. Morphology of twinned diamond particles 74103
Long Wangchen *see* Wangchen Long
Long Wangning, Yang Shiyuan, Tong Shibai Self-diagnosis technique for digital system based on row-column parity check and signature analysis 104415
Long Wen *see* Wen Long
Long Xindian, Yang Fangchun, Liu Yuzhang, Yu Tan Service customization and billing approach in IN 118550
Long Yi, Fang Dagang, Zhu Hanqing A fast algorithm for analyzing periodic structures combining method of lines with FFT and diakoptic technique 97275
Long Ying-Tian *see* Ying-Tian Long
Long Yonghong The design of Latin arrays used in a class of stream ciphers 97515
Long-An Ying *see* Ying Long-An
Long-Sheng Fan Design and fabrication of microactuators for high density data storage 63977
Long-Sheng Ma *see* Jun Ye 96176
Longair, I.M. *see* Hughes, A.W. 69044
Longari, C. *see* Bastida, E.M. 62275
Longcor, S. *see* Peng, J.Z. 84392
Longeand, C., Kleider, J.P. Optical-bias effect on transient electron-drift measurements in a-Si:H: Implications on the distribution and capture cross sections of the dangling bonds 85254
Longeaud, C. *see* Dayoub, F. 94609
Longeaud, C. *see* Middya, A.R. 92899
Longhi, A. *see* Clerici, A. 80998
Longhi, S. Dark solitons in degenerate optical parametric oscillations 76191
Longhi, S. Traveling-wave states and secondary instabilities in optical parametric oscillators 85716
Longhua Wang *see* Wang Longhua
Longinotti, D. *see* Karpenko, V. 89695
Longinotti, D.B. *see* Friedman, A. 89692
Longmore, A.J. *see* Kluckers, V.A. 98030
Longo, E., Teppati, G., Bellomo, N. Discretization of nonlinear models by Sinc collocation-interpolation methods 92604
Longo, E. *see* Basti, G. 90164
Longo, E. *see* Nobre, M.A.L. 113551
Longo, F. *see* Rakovics, V. 107272
Longo, G. *see* Brescia, M. 120705
Longo, G.A. *see* Lazzarin, R.M. 91958
Longo, L. *see* Caire, G. 88865
Longo, L. *see* Fujimori, I. 114028
Longo, M. *see* Leo, G. 74180
Longo, M. *see* Leo, G. 82639
Longo, R. *see* Arfelli, F. 90367
Longo, R. *see* Arfelli, F. 90432
Longo, R. *see* Arfelli, F. 110579
Longobardi, B. *see* Fiorino, C. 80526
Longobardi, G. *see* Ciamberlini, C. 67390
Longoni, A. *see* Bertuccio, G. 110555
Longoni, A. *see* De Geronimo, G. 93147
Longoni, A. *see* De Geronimo, G. 115239
Longoni, A. *see* Lechner, P. 110554
Longoria, R.G. Wave-scattering formalisms for multiport energetic systems 82827
Longqing He, Xianmei He, Zongming Guo, Xiaochun Zhang True color rainbow holography of 3D diffuse object with synthesized slit 96798
Longstaff, I.D. *see* Homer, J. 111146
Longtin, M.D., Wein, L.M., Welsch, R.E. Sequential screening in semiconductor manufacturing. I. Exploiting spatial dependence 60661
Longueville, J.L. *see* Moulin, S. 72911
Longworth, H.P. *see* Perfecto, E.D. 94145
Longworth, J.W. *see* Omenetto, F.G. 96211
Longxiang Sun *see* Yimin Cheng 86811
Longya Xu *see* Li Zhen 71746
Loni, A., Canham, L.T., Berger, M.G., Arens-Fischer, R., Munder, H., Luth, H., Arrand, H.F., Benson, T.M. Porous silicon multilayer optical waveguides 95742
Loni, A. *see* Canham, L.T. 94267
Loning, A. *see* de Haan, G. 61949
Loning, A. *see* De Loore, B. 77534
Lonneux, M. *see* Sibomana, M. 101243
Lonngren, K.E., Er-Wei Bai Simulink simulation of transmission lines 61579
Lonz, L. Cost savings due to use of Computer Aided Engineering (CAE) 114414
Lonzi, L. *see* De Munari, I. 113755
Loo, F.L. *see* Choi, W.K. 92869
Loo, R. *see* Ng, W. 66151
Loo, R. *see* Rahmati, B. 72898
Loo, S.Van *see* Van Loo, S.
Loo Chun *see* Chun Loo
Loo Kean Fei *see* Kean Fei Loo
Loof, O. *see* Asplund, G. 91121
Loof, O. *see* Holmgren, T. 91122
Look, D.C., Fang, Z.-Q., Kim, W., Aktas, O., Botchkarev, A., Salvador, A., Morkoc, H. Thermally stimulated current trap in GaN 74262
Look, D.C., Reynolds, D.C., Kim, W., Aktas, O., Botchkarev, A., Salvador, A., Morkoc, I. Deep-center hopping conduction in GaN 105162
Look, D.C., Stutz, C.E., Sizelove, J.R., Evans, K.R. On Hall scattering factors for holes in GaAs 94344
Look, D.C. *see* McGregor, D.S. 80153
Look, D.C. *see* McGregor, D.S. 92663

Look, D.C. *see* Reynolds, D.C. 96415
Look, K. *see* Fawcett, B. 113856
Loomis, D. *see* Larimer, J. 100197
Loomis, G.E. *see* Britten, J.A. 107472
Loomis, G.E. *see* Chow, R. 107475
Loomis, G.E. *see* Shore, B.W. 96580
Loomis, G.E. *see* Walton, C.C. 107474
Loon Jin-Jang *see* Jin-Jang Loon
Loonawat, G., Siferd, R.E. FPGA implementation of a FIR filter using residue arithmetic 114123
Loong Fah Cheong, Fermuller, C., Aloimonos, Y. 3D motion representations in visual servo control 86648
Loore, B.De *see* De Loore, B.
Looren de Jong, H. *see* Bech, S. 110291
Loos, G.C. *see* Restaino, S.R. 109682
Loos, H. *see* Schlott, V. 79831
Loos, M. *see* Vanhavere, F. 110609
Loos, M.Van der *see* Van der Loos, M.
Loose, R. *see* Oldendorf, M. 90460
Loosen, P. *see* Habich, U. 107066
Lootin, E.A., Logvin, A.I. Synthesis of optimum radiolocation complexes of remote probing systems 99630
Loots, H. *see* Swanepoel, J.W.H. 117345
Looy, P.C. *see* Jayaram, S. 96962
Loparo, K.A. *see* Hobbs, B.F. 70833
Lopata, J. *see* Belenky, G.L. 96289
Lopata, J. *see* Belenky, G.L. 96361
Lopata, J. *see* Dutta, N.K. 76030
Lopata, J. *see* Han, H. 96383
Lopata, J. *see* Han, N. 116562
Lopata, J. *see* Ren, F. 84156
Lopata, J. *see* Vakhshoori, D. 65340
Lopatik, A.R. *see* Zalessky, V.B. 80056
Lopatik, A.R. *see* Zalessky, V.B. 100890
Loper, C. *see* Schlueter, R.D. 90062
Lopera, W. *see* Lucia, M.L. 75318
Lopes, A. *see* Bruniquel, J. 111088
Lopes, A. *see* Fjortoft, R. 87050
Lopes, A. *see* Fjortoft, R. 109757
Lopes, A. *see* Lemos, R.P. 86248
Lopes, A. *see* Lemos, R.P. 97695
Lopes, A. *see* Nezry, E. 111168
Lopes, A. *see* Touzi, R. 120901
Lopes, B. *see* Ventura, P. 106426
Lopes, J.A.M. *see* Dias, T.H.V.T. 80068
Lopes, J.A.M. *see* dos Santos, J.M.F. 74084
Lopes, J.A.M. *see* dos Santos, J.M.F. 100834
Lopes, J.A.M. *see* dos Santos, J.M.F. 101016
Lopes, J.A.M. *see* Veloso, J.F.C.A. 80045
Lopes, J.A.M. *see* Veloso, J.F.C.A. 101021
Lopes, J.A.P., Ranito, J.V., Neto, J., Hatziargyrion, N. Derivation of classification structures for fast evaluation of dynamic security assessment in power systems using genetic algorithms 101974
Lopes, J.A.P. *see* Matos, M.A. 101973
Lopes, L. *see* Brandao, A. 88349
Lopes, L. *see* Saunders, R. 88352
Lopes, L.A.C., Joos, G., Ooi, B.-T. A multi-module PWM switched-reactor-based static VAr compensator 121005
Lopes, L.B. *see* Joyce, R.M. 109439
Lopes, L.B. *see* Law, A. 109519
Lopes, L.B. *see* O'Neill, R. 86291
Lopes, L.B. *see* O'Neill, R. 117941
Lopes, L.B. *see* Safavi, S. 68173
Lopes, L.B. *see* Safavi, S. 99210
Lopes, L.B. *see* Safavi, S. 109533
Lopes, Y.J.Garcia *see* Garcia Lopes, Y.J.
Lopes Filho, F.J. *see* Khoury, H.J. 120565
Lopes Ribeiro, A. *see* Torres Pereira, J. 116568
Lopes-Ginja, A. *see* Hartmann, P. 120119
Lopez, A. *see* Merino, J.M. 71180
Lopez, A. *see* Montano, J.C. 70691
Lopez, A.M., Serrat, J. Tracing crease curves by solving a system of differential equations 67241
Lopez, B.V. *see* Blanco-Garcia, J. 107631
Lopez, C. *see* Aparisi, A. 62763
Lopez, C. *see* Calero, J. 89547
Lopez, C. *see* Dorrio, B.V. 119862
Lopez, D., Jagla, E.A., Righi, E.F., Osquiguil, E., Nieva, G., Morre, E., De la Cruz, F., Balseiro, C.A. Dynamic softening of vortex lines in $YBa_2Cu_3O_{7-\delta}$ single crystals 75323
Lopez, E. *see* Alonso, J.M. 122078
Lopez, E. *see* Blanco, C. 71884
Lopez, E. *see* Prieto, J.L. 64492
Lopez, F., Meneses, J., de Castro, A.J., Melendez, J. High resolution infrared multigas sensor arrays based on Fabry-Perot resonators and interference filters 69357
Lopez, F., Meneses, J., Melendez, J., de Castro, A.J., Munoz, A. High resolution multigas sensors based on solid state resonant cavities 119761
Lopez, F. *see* Sheynin, S. 89801
Lopez, F.J., San Miguel, M., Sanz, G. Lagrangean methods and optimal stopping 72544
Lopez, G. *see* Alfaro, M. 72569
Lopez, H. *see* Girault, V. 82540
Lopez, H. *see* Sirgo, J.A. 87783
Lopez, I. *see* Srinidhi, S.M. 88435
Lopez, J. *see* Botez, D. 116491
Lopez, J. *see* Briso, C. 62248
Lopez, J. *see* Leith, E. 70009
Lopez, J. *see* Mawst, L.J. 65314
Lopez, J. *see* Mawst, L.J. 96253
Lopez, J. *see* Mawst, L.J. 107295
Lopez, J. *see* Naulleau, P. 85732
Lopez, J.F., Eshraghian, K., Sarmiento, R., Nunez, A. Gallium arsenide pseudo-dynamic latched logic 93224
Lopez, J.M., Moore, A.J. Three-dimensional displacement measurement in fluids using holographic interferometry 107632
Lopez, L. *see* Antinori, F. 120156
Lopez, M., Tanaka, N., Matsuyama, I., Ishikawa, T. Fabrication of quantum wires on GaAs substrates patterned by in situ electron-beam lithography 61294
Lopez, M. *see* Ishikawa, T. 74637
Lopez, M. *see* Ishikawa, T. 94867
Lopez, M. *see* Sanchez-Rojas, J.L. 83949
Lopez, M. *see* Sanz-Hervas, A. 106969
Lopez, M. *see* Vanfleteren, J. 114472
Lopez, M.A., Janardan, R., Sahni, S. Efficient net extraction for restricted orientation designs [VLSI layout] 106129
Lopez, M.A., Mehta, D.P. Partitioning algorithms for corner stitching [VLSI] 95122
Lopez, O. *see* Bayruns, R. 79140
Lopez, O.A. *see* Hirata, G.A. 82717
Lopez, R., Huang, T.S. Simplification of 3D scanned head data for use in real-time model-based coding systems 86930
Lopez, R. *see* De Blas, P. 110867
Lopez, R. *see* Galindo, S. 90648
Lopez, R. *see* Huang, T.S. 86635
Lopez, S.S. *see* Weiss, J.D. 69210
Lopez Agueera, A. *see* Garcia Perez, J. 69733
Lopez Aguera, A. *see* Adam, W. 69709
Lopez Callejas, R., Pozas Cardenas, M.J., Cruz Cruz, G., Melendez Lugo, L., Chavez Alarcon, E., Valencia Alvarado, R., Olayo Gonzalez, M.G., Flores Orta, A. IBM-personal computer data acquisition and processing system to upgrade an out-of-date mass spectrometer 99845
Lopez de Bertodano, M., Becker, A., Sharon, A., Schnider, R. DCH dispersal and entrainment experiment in a scaled annular cavity 121305
Lopez Villegas, J.M. *see* Ruiz, O. 69072
Lopez-Amo, M. *see* Morante, M. 89138
Lopez-Buedo, S. *see* Boemo, E.I. 61788
Lopez-Higuera, J.M. *see* Morante, M. 89138
Lopez-Lagunas, A. *see* Cross, J. 109659
Lopez-Lapena, O., Lopez-Villegas, J.M., Morante, J.R., Samitier, J. Modified interferential method for locating coaxial cable faults 109324
Lopez-Lopez, M. *see* Melendez-Lira, M. 94500
Lopez-Marcos, M.A., Sanz-Serna, J.M., Diaz, J.C. Are Gauss-Legendre methods useful in molecular dynamics? 60956
Lopez-Rios, T. Diamond films studied by surface-enhanced Raman scattering 82715
Lopez-Villanueva, J. *see* Banqueri, J. 95015
Lopez-Villanueva, J.A. *see* Banqueri, J. 74746
Lopez-Villanueva, J.A. *see* Gamiz, F. 94608
Lopez-Villanueva, J.A. *see* Gamiz, F. 94610
Lopez-Villanueva, J.A. *see* Gamiz, F. 114669
Lopez-Villanueva, J.A. *see* Roldan, J.B. 94975
Lopez-Villanueva, J.A. *see* Roldan, J.B. 115188
Lopez-Villegas, J.M., Navarro, M., Papadimitriou, D., Bassas, J., Samitier, J. Structure and non-uniform strain analysis on p-type porous silicon by X-ray reflectometry and X-ray diffraction 94304
Lopez-Villegas, J.M. *see* Lopez-Lapena, O. 109324
Lopiano, D. *see* Huang, H. 119985
Lopinski, G.P., Lannin, J.S. High resolution electron energy loss spectroscopy: a new probe of subgap absorption in amorphous solids 114581
Loppnow, A. *see* Metzger, D. 114330
Lops, M. Hybrid clutter-map/L-CFAR procedure for clutter rejection in nonhomogeneous environment 109702
Lops, M. *see* Buzzi, S. 66640
Lops, M. *see* Conte, E. 68607
Lops, M. *see* Conte, E. 68618
Lops, M. *see* Conte, E. 99604
Lops, M. *see* Willett, P. 117716
Lopukhina, E.M., Zakharenko, A.B. Automatic calculation of asynchronous motors with multilayer rotors by the transfer-function method 71308
Lor Sze Keung *see* Sze Keung Lor
Lora-Tamayo, E. *see* Banqueri, J. 74746
Lora-Tamayo, E. *see* Burrer, C. 63983
Lora-Tamayo, E. *see* Burrer, C. 79299
Lora-Tamayo, E. *see* Santander, J. 119833
Loraine, J. Overview of wireless LAN standards 78049
Loranger, A. *see* Garland, V.E. 68871
Lorbeck, J.A. *see* Denison, D.R. 105034
Lorbeck, J.A. *see* Felch, K. 105035
Lorbeck, J.A. *see* Harper, B.M. 62595
Lorbeck, J.A. *see* Sealy, P.J. 62596
Lorber, H.W. A time domain radar range equation 99619
Lorberth, J. *see* Protzmann, H. 103889
Lorberth, J. *see* Zimmermann, G. 61223
Lorch, R., Monich, G. Increase in usable bandwidth of TEM cells 116936
Lord, A. *see* Firth, W.J. 65510
Lord, A. *see* Firth, W.J. 107559
Lord, D.G. *see* Holden, A.P. 64244
Lord, D.G. *see* Holden, A.P. 75113
Lord, E. *see* Rajaravivarma, V. 109259
Lord, J.S. *see* Kapusta, C. 64218
Lord, M. *see* Ison, K. 80176
Lord, R.T., Inggs, M.R. High resolution VHF SAR processing using synthetic range profiling 109756
Lord, W. *see* Katragadda, G. 60683
Lord, W. *see* Katragadda, G. 60684
Lord, W. *see* Mandayam, S. 64283
Lord, W. *see* Mandayam, S. 64499
Lord, W. *see* Masri, W. 111391
Lord, W. *see* Sun, Y. 65707
Lord, W. *see* Xue, T. 70557
Lord, W. *see* Young-Kil Shin 96933
Lord, W.S.G. *see* Nordin, R.S.B. 102910
Lordi, J.V. *see* Huynh, T.V. 90880
Loreit, U. *see* McCord, J. 115878
Lorek, A. *see* Cady, E.B. 80283
Lorenc, J. *see* Kichimi, H. 69718
Lorente, A. *see* Calero, J. 89547
Lorentz, B. *see* Wise, T. 120082
Lorentz, S. *see* Savo, R. 119859
Lorenz, B.E. The energy loss per cycle in bar domain Si–Fe 75108
Lorenz, E. Very high energy gamma ray astronomy with ground based detectors 80107
Lorenz, E. The MAGIC telescope project for gamma ray astronomy in the 15 to 300 GeV energy range 80117
Lorenz, H., Paratte, L., Luthier, R., de Rooij, N.F., Renaud, P. Low-cost technology for multilayer electroplated parts using laminated dry film resist 84637
Lorenz, H. *see* Touzel, J. 114361
Lorenz, H. *see* Wendel, M. 62954
Lorenz, H. *see* Wendel, M. 105825
Lorenz, J., Bar, E., Burenkov, A., Henke, W., Tietzel, K., Wiess, M. 3D simulation of topography and doping processes at FhG 74817
Lorenz, J. *see* Bar, E. 93064
Lorenz, J. *see* Bourenkov, A. 84413
Lorenz, J. *see* Btir, E. 61369
Lorenz, J. *see* Tietzel, K. 94688
Lorenz, J. *(editor)* 3-Dimensional Process Simulation 60419
Lorenz, L. New applications using the isolated gate bipolar transistor 82927
Lorenz, R. Beam position monitors in the TESLA Test Facility linac 100591
Lorenz, R., Hafner, J. Disorder and noncollinear magnetism in permanent-magnet materials 64266
Lorenz, R.D. *see* Bhattacharya, S. 70647
Lorenz, R.D. *see* Ryan, M.J. 112119
Lorenz, R.W. *see* Kadel, G. 97110
Lorenz, T., Moske, M., Kaufler, H., Geisler, H., Samwer, K. Magnetization, magnetoresistance, and X-ray diffraction measurements of discontinuous $[Ni_{80}Fe_{20}/Ag]$ multilayers 64357
Lorenz, W.J. *see* Bluml, S. 80284
Lorenz, W.J. *see* Jochle, K. 70201
Lorenz, W.J. *see* Lucht, R. 120351
Lorenz, W.J. *see* Wiener, E. 101272
Lorenzelli, F., Yao, K. An integral matrix-based technique for systematic systolic design 93436
Lorenzelli, F. *see* Wang, A. 90611
Lorenzelli, F. *see* Wang, A. 117295
Lorenzellii, F. *see* Wang, A. 108207
Lorenzen, S., Madsen, A.G. Haderslev–a refuse incineration plant with a separately fired superheater 91339
Lorenzini, E.C., Bortolami, S.B., Rupp, C.C., Angrilli, F. Control and flight performance of tethered satellite small expendable deployment system-II 111026
Lorenzo, J.P. *see* Dauplaise, H.M. 105498
Lorenzo, J.P. *see* Stadler, B.J. 105144
Lorenzo, J.P. *see* Stadler, B.J.H. 62729
Lorenzo, J.P. *see* Vaccaro, K. 63316
Lorenzo, J.P. *see* Vaccaro, K. 100048
Lorenzo, J.P. *see* Vaccaro, K. 105971
Lorenzo, S. *see* del Valle, I. 102609
Lorenzo, S. *see* Del Valle, I. 102610
Lorenzo, S. *see* Lobo, I. 103056
Lorenzo R., M.E. *see* Arias A., A.M. 66074
Loreti, S. *see* Addonizio, M.L. 61431
Lorette, G. *see* Anquetil, E. 86608
Lorey, R.A. *see* Hayes, H.I. 98211
Lorey, R.A. *see* Solka, J.L. 103555
Loria, C.J., Kelly, M., Hatney, R. X-31A quasi-tailless evaluation 90686
Loridan, P. *see* Aboussoror, A. 72447
Lorikyan, M.P. Detectors of nuclear radiation and multiply charged particles with porous dielectric working media 100800
Lorimer, D.R. *see* Manchester, R.N. 99704
Lorin, A. *see* Gautier, E. 96028
Lorincz, A. *see* Kovacs, S. 113159
Loring, C.M. *see* Chu, T.S. 114526
Loring, C.M. *see* Felch, K. 105035
Lorke, A. *see* Blanke, G. 63029
Lorke, A. *see* Wendel, M. 105825
Lorman, G. *see* Cole, E.H. 79527
Lorman, G. *see* Smeins, L.G. 79529
Lorrain, B. *see* Lachaud, F. 113601
Lorusso, F.G. *see* Bruno, G. 61264
Lorusso, G.F. *see* Bruno, G. 94730
Lorusso, G.F. *see* Capozzi, V. 114794
Lory, E.R. *see* Rietman, E.A. 60575
Lory, H.J. *see* Osenbach, J.W. 64037
Los, B. Danish approach to thermo energy plants construction 111782
Los, S., Nowak, M. Influence of surface layer damaging on photoelectromagnetic effect 95952
Los, V.F. *see* Shteinshleiger, V.B. 68665
Los Arcos, J.L. *see* Suzuki, H. 90942
los Heros, C.P.De *see* De los Heros, C.P.

Los Santos, H.J.De *see* De Los Santos, H.J.
Losasso, M., Penco, R., Fabbri, F.L., Lucherini, V., Agnello, M. Design and status of construction of Finuda superconducting aluminium stabilised detector 90242
LoSasso, T. *see* Chen-Shou Chui 80444
Losch, A. *see* Eckstein, F. 120340
Losch, R. *see* Hillmer, H. 96343
Losch, R. *see* Hillmer, H. 103905
Losch, R. *see* Marcinkevicius, S. 94521
Losch, R. *see* Steinhagen, F. 107283
Losch, W. *see* Grunow, P. 82737
Losch, W. *see* Paes, H., Jr. 74125
Losee, J. *see* Tepper, G. 94356
Losel, T. Simulation programme for design and calculation of DC vehicles 91833
Losel, T., Rohlig, S. Line short circuit detection by DC motor vehicles with regenerative braking equipment 112560
Loser, T. *see* Barnard, J. 102062
Losev, V.F. *see* Ivanov, N.G. 116350
Loseva, G.V. *see* Petrakovskii, G.A. 105211
Losevskiy, N. *see* Naumov, A. 110112
Losi, A., Rossi, F., Russo, M. Accounting for system limitations in automatic control of electric power systems 101865
Losi, A. *see* Bernieri, A. 70637
Losi, R. *see* Schussler, M. 113047
Loske, A.M., Ballesteros, L., Castano, V.M. Two-dimensional spatial correlator for lens-free image processing 98079
Losson, E., Dmowski, K., Lepley, B. Practical methods to improve DLTS data smoothing 110322
Lossy, R., Reichert, W., Obermeier, E., Stoemenos, J. High temperature implantation of β-SiC and its characterization 105593
Lossy, R. *see* Reichert, W. 105216
Lostak, P., Bezdicka, P., Horak, J., Sramkova, J. Electrical and optical properties of Tl-doped Bi_2Te_3 crystals 74312
Lostak, P., Drasar, C., Navratil, J., Benes, L. Sb_2Te_3 single crystal doped with chromium atoms 92659
Losurdo, M., Capezzuto, P., Bruno, G. Study of the H_2 remote plasma cleaning of InP substrate for epitaxial growth 63331
Losurdo, M. *see* Bruno, G. 61264
Losurdo, M. *see* Bruno, G. 94730
Lotfi, A., Feygenson, A., Van Dover, R.B. The treatment of hyperelliptic transformations for inductance calculations in magnetostatic circuits 114353
Lotfi, A. *see* Dromgooole, D. 61652
Lothian, J.R. *see* Ren, F. 84156
Lothian, J.R. *see* Ren, F. 114963
Lotke, S.D. *see* Bhise, B.V. 83866
Lotkhov, S.V. *see* Zorin, A.B. 74776
Lotonov, A.M. *see* Esengaliev, A.B. 106309
Lotonov, A.M. *see* Gavrilova, N.D. 106310
Lotonov, M.A. Nonlinear estimators of probability of an event in a Bernoulli scheme accounting for prior information 72461
Lotse, F., Berg, J.-E., Forssen, U., Idahl, P. Base station polarization diversity reception in macrocellular systems at 1800 MHz 118978
Lotsman, A.P. *see* Akhin'ko, I.A. 63959
Lotspiech, J. *see* Dwork, C. 97488
Lott, U. Low DC power monolithic low noise amplifier for wireless applications at 5 GHz 83433
Lott, U. *see* Biber, C. 114287
Lott, U. *see* Bos, T.A. 88281
Lott, U. *see* Schefer, M. 62313
Lott, U. *see* Schefer, M. 114302
Lotter, E. *see* Wanka, H.N. 103023
Lotter, M. Digital implementation of a baseband pulse shaping filter 83235
Lotter, M. *see* van Rooyen, P. 67569
Lotter, M.P. CDMA and DECT: Two complementary access technologies for developing countries 118652
Lotter, M.P., Linde, L.P. DSSS system employing a class of modulatable complex spreading sequences 99091
Lottholz, S. *see* Vogt, L. 78367
Lottici, P.P., Attolini, G., Chimenti, E., Pelosi, C. Raman scattering characterization of strained GaAs/InAs layers grown by MOVPE 82659
Lottici, P.P. *see* Attolini, G. 92733
Lottici, V. *see* D'Andrea, A.N. 78348
Lottin, J. *see* Levine, J. 102625
Lottin, J.C. *see* Kircher, F. 95567
Lotto, B.de *see* de Lotto, B.
Lotto, L. *see* Sardella, A. 79530
Lotz, F.T. Hydrogen pumping in an ion implanter for increased productivity 114873
Lotz, J., Lesartre, G., Naffziger, S., Kipp, D. A quad-issue out-of-order RISC CPU 73428
Lotz, K., Jacobs, A., Vandewalle, J., Werblin, F., Roska, T., Vidnyanszky, Z., Hamori, J. Cellular neural network realizations of neuron models with diverse spiking patterns 83278
Lotzbeyer, T., Schuhmann, W., Schmidt, H.-L. Electron transfer principles in amperometric biosensors: Direct electron transfer between enzymes and electrode surface 119749
Lou, A.S.L. *see* Huang, H.K. 111013
Lou, C.L., Chim, W.K., Chan, D.S.H., Pan, Y. Hot-carrier induced degradation in the subthreshold characteristics of LDD PMOSFETs 74728
Lou, C.L., Chim, W.K., Chan, D.S.H., Pan, Y. A comparative study on the channel hot-carrier degradation of N- and P-MOSFETs with CVD tungsten polycide gate 74731
Lou, C.L., Chim, W.K., Chan, D.S.H., Pan, Y. Hot-carrier induced degradation of polysilicon and tungsten polycide gate MOSFETs under maximum substrate and gate current stresses 115189
Lou, C.L., Chim, W.K., Chan, D.S.H., Pan, Y. Hot-carrier reliability of n- and p-channel MOSFETs with polysilicon and CVD tungsten-polycide gate 115202
Lou, D.-C., Chang, C.-C. Fast exponentiation method obtained by folding the exponent in half 66549
Lou, H. Viterbi decoder design for the IS-95 CDMA forward link 117179
Lou, H., Cheung, A.S. Performance of punctured channel codes with ARQ for multimedia transmission in Rayleigh fading channels 109238
Lou, J.C. *see* Sun, S.C. 84150
Lou, Q., Ning, D., Dong, J., Wei, Y. Increase of electrical conductivity of solid C_{60} films by excimer laser radiation 105104
Lou, S., Leu, J., Jorjani, S. Comparing different disassembly strategies 72370
Lou, S. *see* Houmin Yan 60565
Lou, W., Billing, M., Rice, D. Perturbation of beam energy due to steering and pretzel orbit 89822
Lou, W. *see* DeBrunner, V.E. 117435
Lou, W.R. *see* Billing, M. 90005
Lou Caiyun, Zhong Shan, Liu Jun, Gao Yizhi Multi-repetition rate active mode-locked fiber ring laser driven by 2.5 GHz signal 85388
Lou Dianqiang, Yuan Qingyun Valve hall fire report and analysis for Gezhouba Converter Station 121821
Lou Hui-Ling *see* Hui-Ling Lou
Lou Qiaoya *see* Xu Hua 65401
Lou Qihong *see* Dong Jinxing 65015
Lou Qihong *see* Xue Shaolin 75873
Lou Shu-Hsiang *see* Shu-Hsiang Lou
Lou Weiran *see* Weiran Lou
Lou Xinsheng *see* Zhou Huaichun 121359
Lou Yun-Ling *see* Yun-Ling Lou
Louage, F. *see* Dobrowiecki, T.P. 119555
Louage, F. *see* Schoukens, J. 68996
Loualiche, S. *see* Sacilotti, M. 94476
Loubaton, P. *see* Cardoso, J.-F. 117513
Loubaton, P. *see* Gorokhov, A. 117512
Loubiere, A. *see* Dinculescu, S. 110324
Loubnin, E.N. *see* Garnov, S.V. 92954
Loubnin, E.N. *see* Pimenov, S.M. 94830
Loubriel, G.M., Zutavern, F.J., O'Malley, M.W., Gallegos, R.R., Helgeson, W.D. The use of optically triggered, high gain GaAs switches for UWB pulse generation 94873
Loubrieu, B. *see* Bourillet, J.F. 111097
Louchard, G. Probabilistic analysis of some (un)directed animals 72467
Louchard, G., Szpankowski, W. Average redundancy rate of the Lempel-Ziv code 86082
Louche, A. *see* Notton, G. 91398
Louche, A. *see* Notton, G. 91399
Loucks, E.P. *see* Ghosh, B.K. 97982
Loude, J.F. *see* Delorme, S. 69791
Louet, C. *see* Molinet, F. 65799
Louge, M., Tuccio, M., Lander, E., Conners, P. Capacitance measurements of the volume fraction and velocity of dielectric solids near a grounded wall 69449
Louges, M. *see* Kirschvink, M. 71298
Loughlin, B.J. *see* Gronowski, P.E. 73468
Loughlin, P. *see* Tacer, B. 66834
Loughlin, P.J., Tacer, B. On the amplitude- and frequency-modulation decomposition of signals 117304
Loughran, G.W. *see* Hackert, M.J. 64699
Loughran, J. *see* Wheeler, J.P. 81018
Lougnot, D.J. *see* Belin, C. 75396
Lougnot, D.J. *see* Carre, C. 95652
Louhi, J.T., Raisanen, A.V. Optimization of the Schottky varactor for frequency multiplier applications at submillimeter wavelengths 62288
Louie, W. *see* Trbojevic, D. 89911
Louis, J.-M. *see* Herlach, F. 96978
Louis, J.-M. *see* Van Bockstal, L. 96981
Louis, J.-P. *see* Rioual, P. 71493
Louis, P. *see* Besland, M.P. 105499
Louis, S. *see* Brinkmanna, A. 78301
Louis, S. *see* Jaussi, L. 118238
Louis, Y. *see* Haelterman, M. 116711
Louis dit Picard, C. *see* Benitez, J.J. 110266
Louis-Chandran, J. *see* Shahsavari, M.M. 63898
Loukachine, K. *see* Bellia, G. 90238
Loukachine, K. *see* Bellia, G. 100996
Loukas, D. *see* Adam, W. 69709
Loukianov, D.A. *see* Latyshev, A.B. 79668
Loukianov, D.A. *see* Latyshev, A.V. 79665
Loula, P. *see* Korhonen, I. 110662
Loula, P. *see* Korhonen, I. 110663
Loulergue, A. *see* Dowell, D.H. 96491
Loulergue, A. *see* Guimbal, P. 96547
Loulergue, A. *see* Haouat, G. 89994
Loulergue, J.C. *see* Albert, O. 76205
Loumagne, C. *see* Zribil, M. 120706
Loumagne, F. *see* Ganz, M. 61406
Loumeau, P. *see* Oliaei, O. 95194
Loumos, V. *see* Cambourakis, G. 71865
Loumos, V. *see* Tsatsakis, I. 68923
Lounasmaa, M. *see* Leskela, T. 103968
Loung, V. *see* Raihn, K.F. 93700
Loupis, M.I., Avaritsiotis, J.N. Simulated tests of large samples indicate a logarithmic extreme value distribution in electromigration induced failures of thin film interconnects 94846
Lour, W.-s., Liu, W.-C., Tsai, J.-H., Laih, L.-W. Linear and enhanced transconductance using high-medium-low doped channel 84474
Lour, W.-S. *see* Laih, L.-W. 84489
Lour Wen-Shiung *see* Wen-Shiung Lour
Louradour, F. *see* Barthelemy, A. 65389
Lourdudoss, S. *see* Holz, R. 105237
Lourdudoss, S. *see* Kjebon, O. 107236
Lourdudoss, S. *see* Yoon, H. 65193
Lourec, P.Le *see* Le Lourec, P.
Loureiro, A.A.F., Chanson, S.T., Vuong, S.T., Carvalho, O.S.F. Checking unstable properties in distributed testing of communication protocols 118105
Lourenco, M.A. *see* Nohavica, D. 103903
Louro, P. *see* Macarico, A. 92906
Lours, M. *see* Santarelli, G. 61675
Lourtie, G. Problematics of the magnetic induction field in the context of the CENELEC preliminary standard prENV 50166-1 [human exposure to LF electromagnetic fields] 80524
Lourtie, I.M.G. *see* Garcia, F.M. 97704
Lourtioz, J.-M. *see* Boucaud, P. 105381
Lourtioz, J.M. *see* Tchelnokov, A.V. 76014
Lourtioz, J.M. *see* Thedrez, B. 116469
Lous, E.J., Creusen, M.P. Electrical characterization of gap states in a highly doped conducting oligomer 74459
Loushin, M.K.H. *see* Brass, T.J. 101060
Loushine, M.J. *see* Scanlan, J.M. 87225
Loutfi, A. *see* Thompson, C.J. 101124
Loutin, E.A., Kozlov, A.I., Logvin, A.I. The synthesis of optimal structure of radar using polarization adaptation 111108
Louvion, J.-R., Piller, B. Performance measurements and traffic characterization on the ATM Pilot network 118584
Louys, M. *see* Starck, J.-L. 77081
Lovati, P. *see* Lacaita, A. 85275
Lovati, P. *see* Zappa, F. 79404
Lovati, P. *see* Zappa, F. 105173
Lovati, V., Marchesoni, M., Oberti, M., Segarich, P. Implementation of a sensorless stator flux oriented asynchronous motor drive with high performances at low-speed operation 121967
Lovato, J. *see* Brown, B.W. 113102
Lovato, R. *see* Carlsten, B.E. 89710
Lovberg, J., Clark, S., Wikner, D., Wallace, B. Application of sparse phased arrays to millimeter-wave radiometry 111178
Lovberg, R.R. *see* Davis, H.A. 119971
Lovchii, I.L. *see* Vitsinskii, S.A. 85369
Love, C.E. *see* Guo, R. 82338
Love, G. *see* Haywood, R. 82169
Love, G.D. Wavefront control using a high quality nematic liquid crystal spatial light modulator 75607
Love, G.D., Gourlay, J. Intensity-only modulation for atmospheric scintillation correction by liquid-crystal spatial light modulators 116128
Love, J.D. *see* Beltrami, D.R. 75657
Love, J.D. *see* Besley, J.A. 75491
Love, J.D. *see* Durandet, A. 75546
Love, J.D. *see* Micallef, R.W. 76140
Love, J.D. *see* Moss, D. 75530
Love, J.D. *see* Moss, D. 106823
Love, J.D. *see* Steblina, V. 75455
Love, R. *see* Labedz, G. 118963
Love, W.D. *see* Zeitlin, A.D. 70361
Lovegrove, J. Electromagnetic compatibility for communications based signaling systems 91860
Lovejoy, M.L., Patrizi, G.A., Enquist, P.M., Carson, R.F., Craft, D.C., Shul, R.J. Ultra-low-power, long-wavelength photoreceivers for massively-parallel optical data links 119227
Lovejoy, M.L. *see* Carson, R.F. 68411
Lovejoy, M.L. *see* Carson, R.F. 116288
Lovejoy, M.L. *see* Howard, A.J. 62470
Lovejoy, S. *see* Falco, T. 90826
Lovelace, D., Ngo, D., Costa, J., Camilleri, N. Silicon MOSFET technology for RF ICs 93869
Lovelace, D. *see* Carr, F. 68143
Lovelace, N.D. *see* Terry, J.K. 70394
Lovelace, W.R. Vegetation management on distribution line right-of-way. Are you getting top value for your money? 70889
Loveless, K. *see* Brown, S. 82891
Loven, J. *see* Reed, W. 115676
Loven, J. *see* Xing Song 115776
Lovergine, N. *see* Leo, G. 63051
Lovergine, N. *see* Leo, G. 74180
Lovergine, N. *see* Leo, G. 82639
Loveridge, D. Technology and environmental impact assessment: methods and synthesis 92122
Loveridge, D. *see* Dale, A. 103364
Lovering, D.J., Fino, G., Simonneau, C., Kuszelewicz, R., Azoulay, R., Levenson, J.A. Optimisation of dual-wavelength Bragg mirrors 106910
Lovering, D.J., Levenson, J.A., Vidakovic, P., Webjorn, J., Russell, P.St.J. Noiseless optical amplification in quasi-phase-matched bulk lithium niobate 116629
Loverre, P.F. *see* Di Capua, E. 110598

LoVetri, J. *see* Rizvi, M. 114486
Lovett, E.G., Myklebust, J.B. Removal of interference from electrophysiologic signals concurrent with functional magnetic resonance imaging 70139
Lovett, E.G. *see* Prieto, T.E. 101072
Lovett, S.J., Clancy, R., Welten, M., Mathewson, A., Mason, B. Characterizing the mismatch of submicron MOS transistors 115193
Lovinger, A.J., Davis, D.D., Ruel, R., Torsi, L., Dodabalapur, A., Katz, H.E. Morphology of α-hexathienyl thin-film-transistor films 74299
Lovinger, A.J., Rothberg, L.J. Electrically active organic and polymeric materials for thin-film-transistor technologies 84362
Lovins, A. The super-efficient passive building frontier 91961
Lovins, A.B. Negawatts. Twelve transitions, eight improvements and one distraction [electricity use] 70676
Lovins, A.B. Hypercars: the next Industrial Revolution 81972
Lovitt, R.W. *see* Salih, A.J. 113462
Lovold, S. *see* Schultz, M. 105313
Low, C.P., Leong, H.W. A new class of efficient algorithms for reconfiguration of memory arrays 61909
Low, D.A., Klein, E.E., Maag, D.K., Umfleet, W.E., Purdy, J.A. Commissioning and periodic quality assurance of a clinical electronic portal imaging device 70198
Low, D.A. *see* Klein, E.E. 90577
Low, K.K. *see* Chong, M.N. 90415
Low, M.K., Williams, D.J., Dixon, A.C. Design practices for improving the end-of-life disposal of telecommunications equipment 60749
Low, M.K., Williams, D.J., Dixon, A.C. Design practices for improving the end of life disposal of telecommunications equipment 109268
Low, S.H., Lim, Y.C. Frequency grid density for the design of 2-D FIR filters 93593
Low, S.J. *see* Goldberg, B. 87876
Low, T.S. *see* Chao, B. 121528
Low, T.S. *see* Chekanov, A.S. 75268
Low, T.S. *see* Chekanov, A.S. 115697
Low, T.S. *see* Chekanov, A.S. 115745
Low, T.S. *see* Chen, S.X. 112471
Low, T.S. *see* Chen, S.X. 115779
Low, T.S. *see* Chen, S.X. 116820
Low, T.S. *see* Huang, Y.H. 75229
Low, T.S. *see* Jian-Ping Wang 115473
Low, T.S. *see* Lin, H. 121463
Low, T.S. *see* Liu, B. 64402
Low, T.S. *see* Liu, B. 115694
Low, T.S. *see* Liu, Z.J. 65709
Low, T.S. *see* Liu, Z.J. 115792
Low, T.S. *see* Lu, Y.F. 84826
Low, T.S. *see* Tang, Y. 115780
Low, T.S. *see* Weerasooriya, S. 115801
Low, W.F. *see* Bousbaine, A. 102730
Low, Y.L., Schaper, L.W., Ang, S.S. The power distribution system of the Interconnected Mesh Power System (IMPS) MCM topology 94144
Low Chee Meng, Choo Soo Yong, Lim Jin Tiong, Ma Chi Sing AutoCell–an intelligent cellular mobile network management system 78385
Low Chor-Ping *see* Chor-Ping Low
Low Kin Kiong *see* Phang Kok Wai 60430
Low Lee Hean, Oh Tiong Keng Vision guided power insulation 102932
Low Ming Kaan *see* Ming Kaan Low
Low Teck-Seng *see* Teck-Seng Low
Low Thian Chye *see* Goddard, N. 90617
Lowbridge, P.L. The design considerations and realisation of low cost 77 GHz radar sensors for vehicle applications 79004
Lowder, S.M. *see* Chartier, V.L. 91195
Lowdermilk, W.H. *see* Paisner, J.A. 85412
Lowe, C.R. *see* Colby, E.G. 69335
Lowe, C.R. *see* Millington, R.B. 119750
Lowe, D. *see* McLachlan, A. 111543
Lowe, D.G. *see* Pope, A.R. 117686
Lowe, E.D., Shepherd, B., Walker, N.G. Routing and configuration of static path optical transport networks 119139
Lowe, G. Breaking and fixing the Needham-Schroeder public-key protocol using FDR 76739
Lowe, G. Some new attacks upon security protocols 87450
Lowe, H., Lyn, R. Real world flip chip assembly: a manufacturer's experience 92220
Lowe, R. *see* Harkness, J.C. 114397
Lowe, R.P. *see* Stockwell, R.G. 66710
Lowe, R.P. *see* Stockwell, R.G. 101548
Lowe, T.C. *see* Blumenthal, W.R. 75305
Lowe, T.J. *see* Tae Ung Kim 113154
Lowell, J., Ackmann, P., Brown, S., Sherry, J., Hossain, T. Real-time, on-wafer evaluation of contaminant-induced defects from resist processing 115063
Lowell, J. *see* Burke, P. 84112
Lowell, J. *see* Mishra, K.K. 83786
Lowell, J. *see* Peavey, J. 84014
Lowell, J. *see* Stuber, A. 84078
Lowell, J. *see* Wang, X. 83998
Lowell, J.K. *see* Dadap, J.I. 107584
Lowell, J.K. *see* Jeon, J.S. 114966
Lowen, S.B. *see* Heneghan, C. 77443
Lowen, S.B. *see* Ryu, B.K. 87807
Lower, Th. *see* Baumhacker, H. 116308
Lowery, A. *see* Akhmediev, N. 116727
Lowery, A.J., Gurney, P.C.R., Wang, X.-H., Nguyen, L.V.T., Chan, Y.-C., Premaratne, M. Time-domain simulation of photonic devices, circuits and systems 99529
Lowery, A.J. *see* Jonsson, B. 65282
Lowery, A.J. *see* Nguyen, L.V.T. 75971
Lowery, A.J. *see* Nguyen, L.V.T. 85539
Lowisch, M. *see* Henneberger, F. 94523
Lowndes, D.H., Geohegan, D.B., Puretzky, A.A., Norton, D.P., Rouleau, C.M. Synthesis of novel thin-film materials by pulsed laser deposition 113425
Lowney, J.R. Monte Carlo simulation of scanning electron microscope signals for lithographic metrology 84257
Lowney, J.R., Vladar, A.E., Postek, M.T. High-accuracy critical-dimension metrology using a scanning electron microscope 115081
Lowney, J.R. *see* Seiler, D.G. 79437
Lowrey, P. *see* Beyene, A. 91963
Lowrey, R. *see* Rawsky, G.C. 112291
Lowrie, F.L., Rawlings, R.D., Steele, B.C.H., Kleinlein, W. Comparison of strength and microstructure of thin fully stabilised zirconia at room temperature and 950°C 81782
Lowry, J. *see* Calvin, H. 106718
Lowry, J. *see* Deis, G. 106719
Lowry, L.E. *see* Kolawa, E. 114488
Lowry, R.K., Hanley, K.L., Hatcher, J., Gu, X., Julien, N., Astrab, D. Plastic encapsulant materials consistency for reliability assurance 92276
Lowry, R.K., Hanley, K.L., Wade, W.R. Qualification tests for cleanliness of product handling materials 60567
Lowther, D.A. *see* Dyck, D.N. 64498
Lowther, D.A. *see* Dyck, D.N. 106593
Lowther, D.A. *see* Ramirez, J.A. 97002
Lowther, D.A. *see* Rong, R. 65718
Lowther, D.A. *see* Ruowen Rong 107804
Lowther, J.E. *see* Jones, R. 114895
Lowther, R., Begley, P.A., Bajor, G., Rivoli, A., Eisenstadt, W.R. Substrate parasitics and dual-resistivity substrates [microwave integrated circuits] 93858
Lowy, M. Parallel implementation of linear feedback shift registers for low power applications 73275
Lowy, M., Venkateshmurthy, M. Techniques for low power GPS receivers 99684
Loy, J., Garg, A., Krishnamoorthy, M., McDonald, J. Chip pad migration is a key component to high performance MCM design 94135
Loy, M.M.T. *see* Zhenghao Chen 105533
Loy, W.J. *see* Chan, C.W. 99780
Loyalka, S.K. Theory of the spinning rotor gauge in the slip regime 114491
Loyalka, S.K. *see* Gabis, D.H. 99946
Loyalka, S.K. *see* Tekasakul, P. 114492
Loyd, R.E. Knowing liquid-filled transformer installation requirements 121531
Loyka, S.L. Characteristics of a receiving intermodulation channel of active array antennas 66153
Loyolla, W. *see* Mendes, M. 118362
Lozada-Morales, R., Zelaya-Angel, O. Photoluminescence analysis of CdS thin films under phase transition 114651
Lozada-Morales, R. *see* Mendoza-Galvin, A. 114855
Lozano, M. *see* Banqueri, J. 74746
Lozano, M. *see* Santander, J. 119833
Lozano, V., Laget, B. Fractional pyramids for color image segmentation 77421
Lozano Serrano, M.A. *see* Tozer, R. 122088
Lozano-Perez, T. *see* Grimson, W.E.L. 80185
Lozes, A. *see* Chassot, C. 98458
Lozes-Dupuy, F. *see* Bennefont, S. 96291
Lozhechko, V.V. *see* Shestopalov, Y.V. 65948
Lozinskii, A.S. *see* Plakhtyna, Y.G. 71737
Lozowski, A., Galwas, B. Homodyne frequency demodulator for phase noise measurement systems 119845
Lozowski, A. *see* Hirvonen, T.M. 89464
Lu, A. *see* Abe, K. 69708
Lu, A. *see* Abe, K. 69726
Lu, C., Cheng, Z., Marlow, D.R., McDonald, K.T., Prebys, E.J., Stairs, I.H., Wixted, R.L., Adachi, I., Itoh, R., Sumiyoshi, T., Lockyer, N.S., Millan, J.E. Prototype studies of a fast RICH detector with a CsI photocathode 69720
Lu, C., Kechriotis, G., An, M., Tolimieri, R. The computation of Weyl-Heisenberg coefficients for critically sampled and oversampled signals 97750
Lu, C., Marlow, D., Mindas, C., Prebys, E., Sands, W., Wixted, R. Detection of internally reflected Cherenkov light, results from the BELLE DIRC prototype 69716
Lu, C. *see* Aronstein, D. 69717
Lu, C. *see* Kichimi, H. 69718
Lu, C.-P., Mjolsness, E., Hager, G.D. Online computation of exterior orientation with application to hand-eye calibration 108682
Lu, C.C. *see* Chew, W.C. 76408
Lu, C.H., Boukli-Hacene, M. Numerical simulation of clipping induced distortion in SCM lightwave CATV systems 119485
Lu, C.L. *see* Cerisola, M. 88575
Lu, C.N., Chen, K.T., Lin, M.C., Lin, Y.T. Performance assessment of an integrated distribution SCADA-AM/FM system 121132
Lu, C.N. *see* Leou, R.C. 102080
Lu, C.R., Chang, C.L., Liou, C.H., Anderson, J.R., Stone, D.R., Wilson, R.A. Study of the internal electric fields across the interfaces in the GaAs/(1Al,Ga)As microstructures 62705
Lu, C.W., Renfrew, A.C. Harmonic control in distorted voltage supply systems 121052
Lu, D. *see* Hac, A. 98813
Lu, D.F. Technical and commercial challenges in high T_c SQUIDs and their industrial applications 115930
Lu, D.F., Chang-xin Fan, Ruan, J.Z., Han, S.G., Wong, K.W., Sun, G.F. Non-destructive testing (NDT) of metal cracks using a high T_c rf-SQUID and eddy current method 113626
Lu, D.F. *see* Alzayed, N.S. 64504
Lu, E., Bronner, G., Ilic, A., Neumeyer, C., Ramakrishnan, S. Model for TFTR motor-generator (MG) 102669
Lu, E. *see* Neumeyer, C. 106711
Lu, E. *see* Neumeyer, C. 112079
Lu, E.-D. *see* Xu, S.-H. 83986
Lu, E.-H., Chang, T. New decoder for double-error-correcting binary BCH codes 76773
Lu, E.-H., Lee, J.-Y., Chang, T. A burst-error-correcting algorithm for Reed-Solomon codes using polynomial divisions 97482
Lu, E.-H. *see* Cheng, Y.-C. 97484
Lu, E.D., Xu, S.H., Xu, P.S., Yu, X.J., Zhang, F.P., Zhang, X.Y., Zhao, T.X., Zhao, T.P. Photoemission studies of Mg deposition on sulfurized GaSb(100) surface 83985
Lu, E.D., Zhang, F.P., Xu, S.H., Yu, X.J., Xu, P.S., Han, Z.F., Xu, F.Q., Zhang, X.Y. A sulfur passivation for GaAs surface by an organic molecular, CH_3CSNH_2 treatment 114943
Lu, F. *see* Greenham, N.C. 75764
Lu, G., Lu, H. Applications of JPEG progressive coding mode in distributed multimedia systems 118567
Lu, G., Yew, T.L. Applications of partitioned iterated function systems in image and video compression 86348
Lu, G. *see* Yu, F.T.S. 86970
Lu, H., Blaauw, C., Makino, T. Single-mode operation over a wide temperature range in 1.3 μm InGaAsP/InP distributed feedback lasers 65296
Lu, H. *see* Chen, Y. 75989
Lu, H. *see* Lu, G. 118567
Lu, H.-C. *see* Yeh, K.-H. 114098
Lu, H.C., Gusev, E.P., Garfunkel, E., Gustafsson, T. An ion scattering study of the interaction of oxygen with Si(111): surface roughening and oxide growth 74118
Lu, I.-T. *see* Qiu, R.C. 85878
Lu, J., Deshpande, S.V., Gulari, E., Kanicki, J., Warren, W.L. Ultraviolet light induced changes in polyimide liquid-crystal alignment films 116132
Lu, J., Thiel, D.V., Gray, D., Saario, S. High performance numeric computation and visualisation of electromagnetics using MATLAB 107695
Lu, J. *see* Priebe, C.E. 108443
Lu, J. *see* Yahagi, T. 77025
Lu, J.-C. *see* Davis, J.C. 63889
Lu, J.-H. *see* Chen, J.-H. 110790
Lu, J.H. *see* Yang, W.C. 64549
Lu, J.J. *see* Mitra, A.K. 100422
Lu, J.X. *see* Wen, G.J. 85557
Lu, K., McIntosh, P.M., Snowden, C.M., Pollard, R.D. Low-frequency dispersion and its influence on the intermodulation performance of AlGaAs/GaAs HBTs 94923
Lu, K. *see* Dobson, S.J. 89147
Lu, K.L. *see* Yang, S.H. 105643
Lu, L., Pearlman, W.A. Algorithms for intervector dependency utilization in variable rate tree-structured vector quantization 86921
Lu, L.S. *see* Lu, W.L. 95181
Lu, M. *see* Yu, F.T.S. 86970
Lu, M.C. *see* Lin, H.Y. 91553
Lu, M.S.-C. *see* Fedder, G.K. 74885
Lu, P.-C. *see* Cheng, Y.-C. 97484
Lu, P.-H. *see* Ficner, S. 105800
Lu, P.-H. *see* Ficner, S. 105814
Lu, P.H. *see* Sounik, J. 105773
Lu, Q., Sardela, M.R., Jr., Bramblett, T.R., Greene, J.E. B-doped fully strained $Si_{1-x}Ge_x$ layers grown on Si(001) by gas-source molecular beam epitaxy from Si_2H_6, Ge_2H_6, and B_2H_6: Charge transport properties 113362
Lu, Q. *see* Sun, C. 70748
Lu, Q.C., Brammer, S.R. Transmission loss penalty factors for area energy interchange 101932
Lu, R.-C. *see* Liao, Y.-P. 64769
Lu, S., Bharghavan, V. Adaptive resource management algorithms for indoor mobile computing environments 119010
Lu, S. *see* Shaikh, A. 77793
Lu, S.-C. Some experience on managing applied research and development in telecommunications 98545
Lu, S.-C., Huang, C.-M., Tsai, J.-H., Liu, D., Wang, J.-M., Peng, J.-G., Wang, W.-C., Lee, C.-L. Device geometry design for a highly robust gated-field-emission triode 74007
Lu, S.L. *see* Chang, W.C. 64322
Lu, S.L. *see* Yelon, W.B. 115543

Lu, T.-M. *see* Yang, H.-N. 61390
Lu, T.-M. *see* Zhao, Y.-P. 84126
Lu, W., Shen, S.C., Von Ortenberg, M. Landau-band cyclotron resonance in semimagnetic semiconductor induced by s-d exchange interaction 62715
Lu, W. *see* Shen, S.C. 69290
Lu, W. *see* Zhu, W. 61351
Lu, W.-J. *see* Moinpour, M. 63350
Lu, W.-J. *see* Tsai, D.-M. 113017
Lu, W.-S. Is the SVD-based low-rank approximation optimal? 86468
Lu, W.-S. Design of two-dimensional FIR filters using norm-preserving dilation 114130
Lu, W.-S. *see* Xu, H. 93590
Lu, W.-S. *see* Xu, H. 97690
Lu, W.L., Hwang, Z.W., Lu, L.S. CMOS 80 K–300 K SPICE parameter for IRFPA readout circuit design 95181
Lu, X., Darcie, T.E., Bodeep, G.E., Woodward, S.L., Gnauck, A.H. Mini-fiber-node hybrid fiber coax networks for two-way broadband access 78790
Lu, X. *see* Balendra, R. 92645
Lu, X. *see* Min, J. 105552
Lu, X. *see* Woodward, S.L. 78851
Lu, X.-Q., Burdette, E.C., Bornstein, B.A., Hansen, J.L., Svensson, G.K. Design of an ultrasonic therapy system for breast cancer treatment 70202
Lu, X.J. *see* Woolard, D.L. 63565
Lu, X.M. Estimation of piezoelectric material properties by coupling theory and FEM 106368
Lu, Y., Morris, J.M. On equivalent frame conditions for the Gabor expansion 76998
Lu, Y., Pomeranz, I. Synchronization of large sequential circuits by partial reset 104470
Lu, Y. *see* Benaissa, K. 75562
Lu, Y. *see* Cole, M.W. 83976
Lu, Y. *see* Fernandez, F.A. 107991
Lu, Y. *see* Liu, J.I. 105688
Lu, Y. *see* Liu, J.L. 105324
Lu, Y. *see* Shi, Y. 83943
Lu, Y. *see* Wu, Z. 65182
Lu, Y. *see* Yuan, C. 61205
Lu, Y. *see* Zhang, K. 110195
Lu, Y.-Q. *see* Hu, W.S. 95797
Lu, Y.-Y. *see* Cheng, K.-S. 110848
Lu, Y.F., Song, W.D., Hong, M.H., Teo, B.S., Chong, T.C., Low, T.S. Laser removal of particles from magnetic head sliders 84826
Lu, Y.H., Tan, S.Y., Yeo, T.S., Ng, W.E., Lim, I., Zhang, C.B. Adaptive filtering algorithms for SAR speckle reduction 111337
Lu, Y.H. *see* Yeo, T.S. 111103
Lu, Y.L. *see* Luo, G.P. 107490
Lu, Y.M. *see* Feng, M.S. 94764
Lu, Y.Q. *see* Luo, G.P. 107490
Lu, Y.S. *see* Wu, Z.L. 106925
Lu, Z., Chen, V.C., Wechsler, H. Wavelet matrices: Algorithms and applications 97671
Lu, Z. *see* Lucovsky, G. 62767
Lu, Z. *see* Ristau, D. 107433
Lu, Z. *see* Yu, Z. 94589
Lu, Z.-J. *see* St. John, W.D. 89246
Lu, Z.H., Lockwood, D.J., Baribeau, J.-M. Visible light emitting Si/SiO_2 superlattices 63149
Lu, Z.H. *see* Dawei Zhang 62205
Lu, Z.H. *see* Luo, G.P. 107490
Lu, Z.H. *see* Schmuki, P. 63380
Lu, Z.H. *see* Wu, J.W. 95104
Lu, Z.J. *see* Doane, J.W. 85117
Lu, Z.W., Wang, Q., He, W.M., Ma, Z.G. New parametric emissions in diatomic sodium molecules 96619
Lu Baida *see* Feng Guoying 107209
Lu Baida *see* Wang Xiqing 65409
Lu Baida *see* Baida Lu
Lu Bin *see* Huang Shengguo 101493
Lu Bin *see* Wang Mingchang 96498
Lu Bing *see* Li Zhengmao 68226
Lu Bo *see* Bo Lu
Lu Can *see* Yang Xiaoxian 121816
Lu Chan-Nan *see* Chan-Nan Lu
Lu Changzhi *see* Feng Shiwei 84483
Lu Chao, Wilson, B., Ghassemlooy, Z. Sampling frequency considerations in a time-division-multiplexed SWFM system 119173
Lu Cheng Rong *see* Cheng Rong Lu
Lu Cheng-Chang *see* Cheng-Chang Lu
Lu Chengzao *see* Chengzao Lu
Lu Chengzhao *see* Chengzhao Lu
Lu Chieh Hao *see* Chieh Hao Lu
Lu Chih-Cheng *see* Chih-Cheng Lu
Lu Chuanxin *see* Fan Min 64792
Lu Chuanxin *see* Lu Jingping 64793
Lu Chun Chian *see* Chun Chian Lu
Lu Chung-Chin, Chen Shi-Lin, Hsi Pao-Hsiang, Chang Zuang-Shin, Hunag Kuo-Tai, Wang Wen-Shan, Shyu Ruey-Cheng, Wei Cheng-Yi, Hwang Ming-Hwei, Huang Shung-I A research on communication system for distribution automation 111603
Lu Chung-Li *see* Chung-Li Lu
Lu Da-Ching *see* Da-Ching Lu
Lu Deren *see* Jiao Jiwei 83818
Lu Dian-Tong *see* Dian-Tong Lu
Lu Dongchen *see* Dongchen Lu
Lu Donghui *see* Wang Honghong 63260
Lu Erl-Huei *see* Erl-Huei Lu
Lu Fan, Gunagming Cha, Zhengmao Li, Bo Lan A cell shape for three-dimensional personal communication system — cubooctahedron 68217
Lu Fan, Kai Chang Uniplanar MIC power dividers using coupled CPW and asymmetrical CPS 83507
Lu Fan, Kai Chang An active inverted patch antenna with wideband varactor-tuned capability 85986
Lu Fan, Kai Chang A 180° out-of-phase power divider using asymmetrical coplanar stripline 114238
Lu Fan *see* Flynt, R.A. 117022
Lu Fan *see* Li Zhengmao 68226
Lu Fan-xiu *see* Wang Jian-jun 113443
Lu Fang *see* Fang Lu
Lu Feng *see* Bian Jinian 61544
Lu Feng *see* Feng Lu
Lu Fu-Sheng *see* Fu-Sheng Lu
Lu Ganlin *see* Lu Jianwei 120930
Lu Gao *see* Xiangpeng Li 88416
Lu Geyu *see* Geyu Lu
Lu Gong-Yu *see* Gong-Yu Lu
Lu Guifang *see* Cao Wenhua 64665
Lu Guojun *see* Guojun Lu
Lu Guowei *see* Liu Hua 78658
Lu Guowen *see* Guowen Lu
Lu Haibo *see* Wang Siqing 72859
Lu Ho Choi *see* Won Jong Choi 92959
Lu Honglang *see* Li Jianming 110251
Lu Hongming *see* Huang Zhongzang 112489
Lu Hsueh-I *see* Hsueh-I Lu
Lu Huaxiang, Wang Shoujue, Feng Hongjuan, Zhuang Wenjun The three-layer channel routing algorithm with track loss and profit analysis 106131
Lu I-Tai *see* I-Tai Lu
Lu Jian, Ni Xiaowu, Luo Bikai, He Anzhi Studies on the thermal damage mechanisms of a PIN junction optoelectronic diode by laser 64939
Lu Jian *see* Jian Lu
Lu Jian-Yu *see* Jian-Yu Lu
Lu Jiang *see* Shen Liying 97340
Lu Jianguo *see* Tang Yiliang 114371
Lu Jianhua *see* Jianhua Lu
Lu Jianming *see* Jianming Lu
Lu Jianren *see* Jianren Lu
Lu Jianwei, Lu Ganlin, Li Zongtong, Yang Songzhang Fuzzy pattern recognition method of flaw in tube by ultrasonic testing 120930
Lu Jianzia *see* Jianzia Lu
Lu Jiazheng *see* Jiazheng Lu
Lu Jie *see* Han Zhenxiang 111453
Lu Jiming *see* Man Chengxiong 80797
Lu Jing Ju *see* Jing Ju Lu
Lu Jingping, Lu Chuanxin, Wu Guannui, Fan Min, Liu Fengxiang, Song Yingsong Production and performance of large area glow discharge in electro-optical switches with plasma electrodes 64793
Lu Jingping *see* Fan Min 64792
Lu Jingui *see* Wang Hao 71570
Lu Jiping *see* Jiping Lu
Lu Jui-Han *see* Jui-Han Lu
Lu Jul-Han *see* Jul-Han Lu
Lu Junxiao *see* Fan Dianyuan 85551
Lu Jye-Chyi *see* Jye-Chyi Lu
Lu Kai *see* Wei Yan 79439
Lu Kai-Cheng *see* Guo Bao-An 118160
Lu Kanghua *see* Kanghua Lu
Lu Kecheng, Wang Jiye, Liu Zhiguo, Kao Guiyun, Chang Shuren Research on chaotic operation in a 3.39 μm He-Ne laser caused by transverse effects 65034
Lu Lei *see* Yang Yukan 103857
Lu Li-Jun *see* Li-Jun Lu
Lu Li-Tsung *see* Li-Tsung Lu
Lu Ligang *see* Ligang Lu
Lu Ling *see* Nie Yan 87123
Lu Liwu, Zhou Jie, Liang Jiben, Kong Meiying Deep electron traps of PM-HEMT structures grown by MBE and hydrogen treatment 115244
Lu Mai, Lu Zhaoyi The dominant mode in closed V-groove guide 76516
Lu Mai *see* Mai Lu
Lu Mao-Hong *see* Mao-Hong Lu
Lu Mi *see* Mi Lu
Lu Mingquan, Xiao Xianci, Li Leming Cyclic spectral features based modulation recognition 117440
Lu Mingzhe *see* Zhai Hongchen 99895
Lu Mingzhe *see* Mingzhe Lu
Lu Ninglong *see* Ninglong Lu
Lu Peixiang *see* Peixiang Lu
Lu Ping, Fan Junqing Loss of geodesic lenses 64784
Lu Ping *see* Jia Yirong 64834
Lu Ping *see* Ma Shaojie 64776
Lu Ping-Hsing *see* Ping-Hsing Lu
Lu Po-Chiang *see* Po-Chiang Lu
Lu Po-Chien *see* Po-Chien Lu
Lu Qiang *see* Li Shurong 101915
Lu Qiang *see* Sun Yuanzhang 80906
Lu Qiang *see* Sun Yuanzhang 80911
Lu Qiang *see* Sun Yuanzhang 80941
Lu Qiang *see* Sun Yuanzhang 111499
Lu Qiang *see* Sun Yuanzhang 111527
Lu Qiang *see* Qiang Lu
Lu Qingming *see* Pan Qing 65157
Lu Rong *see* Gu Jiahui 69702
Lu Shan *see* Shan Lu
Lu Shanwei, Li Sichao, Wang Wei Leaky-waveguide slotted antenna and its RCS 76631
Lu Shey-Shi *see* Shey-Shi Lu
Lu Shi *see* Xiong Bingqun 118270
Lu Shih-Lin *see* Shih-Lin Lu
Lu Shiliang *see* Li Wangkui 94160
Lu Shyue-Kung *see* Shyue-Kung Lu
Lu Siwei *see* Siwei Lu
Lu Songlin *see* Zhang Xiaoming 67326
Lu Szu-Min *see* Szu-Min Lu
Lu Taiwei *see* Taiwei Lu
Lu Tao *see* Cao Wei 75063
Lu Tianquan *see* Zheng Yisong 114710
Lu Wei Effective topologies and medium access control for the wireless ATM internetworking 78059
Lu Wei An implementational framework for wireless mobile ATM 78095
Lu Wei Mobile ATM approach and network configuration 87848
Lu Wei Improved coding/decoding scheme of RS code in frequency domain for the wireless ATM integration 117178
Lu Wei *see* Wei Lu
Lu Wei Wei *see* Wei Wei Lu
Lu Wei-Shin *see* Wei-Shin Lu
Lu Weijian *see* Weijian Lu
Lu Weixing, Ni Yixin, Fang Ming, Chen Shousun Fast method to calculate the reduced internal Y-matrix in direct transient stability analysis of power systems 111438
Lu Weixing *see* Weixing Lu
Lu Weixue *see* Luo Jianhua 117803
Lu Weizhao *see* Weizhao Lu
Lu Wenjie Seasonal analysis of electric load in Panjin area 80967
Lu Wenlian *see* Yin Zejie 90403
Lu Wenlian *see* Yin Zejie 90404
Lu Wu *see* Ren Di-Yuan 95003
Lu Wu *see* Wu Lu
Lu Wu-Sheng *see* Wu-Sheng Lu
Lu Wuxing *see* Wuxing Lu
Lu Xiang *see* Xiang Lu
Lu Xiguan, Li Yong, Su Yi Finding periodic solutions of ordinary differential equations via homotopy method 82544
Lu Xingze *see* Xingze Lu
Lu Xinliang *see* He Shunzhong 65485
Lu Xuanhui *see* Xuanhui Lu
Lu Xue-kun *see* Xue-kun Lu
Lu Xuekun, Hou Xiaoyuan, Ding Xunmin, Wang Xun Characterization and elimination of ion beam damage to GaP surface 83856
Lu Xuekun *see* Gao Yong 75522
Lu Xuekun *see* Xuekun Lu
Lu Ya-Lin *see* Ya-Lin Lu
Lu Yan-Qing *see* Yan-Qing Lu
Lu Yicheng *see* Yicheng Lu
Lu Yilong *see* Yilong Lu
Lu Yin-Chen *see* Yin-Chen Lu
Lu Yining *see* Yining Lu
Lu Yiwei *see* Yiwei Lu
Lu Yongping *see* Sun Li 112455
Lu Youhong *see* Youhong Lu
Lu Yuchu *see* Huang Tongcheng 72483
Lu Yuming *see* Yuming Lu
Lu Zhang *see* Zhang Lu
Lu Zhaoyi *see* Lu Mai 76516
Lu Zhengde, Zhang Hongcai, Fei Yushi Encoding technique in management information system 66534
Lu Zhengqi *see* Zhengqi Lu
Lu Zhidong *see* Zhidong Lu
Lu Zhiqiang *see* Li Rui 103387
Lu Zhongzuo *see* Ma Jianglei 65972
Lu Zu-Hong *see* Zu-Hong Lu
Lu Zuhong *see* Wang Guangming 64986
Lu-Chun Wang *see* Song Tong 95956
Lu-Min Liu *see* Chin-Kun Wang 105731
Lu-Ping Chiang *see* Tahui Wang 95014
Lu-Sheng Hong, Chang-Ming Wu Film growth mechanism in synthesis of β-SiC films by using $SiH_2Cl_2/C_2H_2/H_2$-CVD reaction system 104137
Luan Hongfa *see* Hongfa Luan
Luan Ta Determine OTDR distance accuracy 64667
Luang Ang Ee *see* Ee Luang Ang
Lubachevsky, B. *see* Kumaran, K. 77625
Lubaszewski, M., Mir, S., Rueda, A., Huertas, J.L. Concurrent error detection in analog and mixed-signal integrated circuits 93609
Lubaszewski, M. *see* Mir, S. 79247
Lubaszewski, M. *see* Mir, S. 93608
Lubaszewski, M. *see* Mir, S. 104679
Lubbadeh, F. Economics of multi-channel services in the Arab world 119377
Lubben, D., Jellison, G.E., Modine, F.A. Molecular-jet chemical vapor deposition of SiC 104042
Lubben, D. *see* Bates, J.B. 81689
Lube, M.S. *see* Aubuchon, S.R. 72908
Lubecki, A. Aerial thermography in the protection of environment 70527
Lubell, M.S. *see* Lue, J.W. 95540
Lubelsmeyer, K. *see* Braunschweig, W. 120140
Lubelsmeyer, K. *see* Karpinski, W. 115240
Lubianiker, Y., Balberg, I., Fefer, E., Shapira, Y. Following directly the effect of the various deep states on the phototransport properties of a-Si:H 94393

Lubianiker, Y., Balberg, I., Morrell, G., Katiyar, R.S., Weisz, S.Z. Transport and phototransport properties of porous silicon 62673
Lubich, H. *see* Caronni, G. 118495
Lubimov, V. *see* Artemiev, V. 80101
Lubin, J. *see* Arend, L. 89284
Lubin, J. *see* Larimer, J. 100197
Lubinsky, D. *see* Cuyt, A. 60979
Lubinsky, D.S. *see* Cuyt, A. 60953
Lubinsky, D.S. *see* Cuyt, A. 72594
Lubitz, P. *see* Dorsey, P.C. 72942
Lubkeman, D.L. *see* Ghosh, A.K. 121128
Lubkeman, D.L. *see* Jun Zhu 120988
Lubkov, A.A. *see* Kotov, V.N. 79244
Lubnin, E.N. *see* Garnov, S.V. 107659
Lubosny, Z. Neural network based fuzzy controller of the synchronous generator 102666
Lubowe, A., Million, T. MACII optical connectors for printed circuit board input/output 83628
Luby, S., Jergel, M., Majkova, E., D'Anna, E., Luches, A., Martino, M., Brunel, M., Vavra, I. Pulsed excimer laser crystallization of evaporated amorphous silicon films 74107
Luby, S., Majkova, E., Jergel, M., Brunel, M., Leggieri, G., Luches, A., Majni, G., Mengucci, P. Stability of interfaces in Mo/Cu multilayered metallization 94826
Luby, S. *see* Jergel, M. 94578
Lubyshev, D.I., Gonzalez-Borrero, P.P., Marega, E., Jr., Lubysheva, T.B., La Scala, N., Jr., Basmaji, P. Study of surface kinetic effects in the MBE growth of III-V compounds by RHEED analysis 72780
Lubyshev, D.I. *see* Gusev, G.M. 62876
Lubyshev, D.I. *see* Gusev, G.M. 63032
Lubyshev, D.I. *see* Gusev, G.M. 74426
Lubysheva, T.B. *see* Lubyshev, D.I. 72780
Luca, A.de *see* de Luca, A.
Luca, F.De *see* De Luca, F.
Luca, L.de *see* de Luca, L.
Lucacher, R.H. Competitive advantage and the environment; building a framework for achieving environmental advantage 72362
Lucantoni, D.M. *see* Choudhury, G.L. 113075
Lucanu, M., Neacsu, D., Donescu, V. Optimal power control strategies for space vector PWM inverters 61643
Lucanu, M. *see* Munteanu, V. 66533
Lucas, A. Indigenous people in cyberspace 67618
Lucas, A.D. *see* Beck, G.A. 69775
Lucas, G. *see* Albusaidi, K.H. 69046
Lucas, G.P. Flow rate measurement in vertical oil-water flows using conductivity sensors and a void fraction wave model 69047
Lucas, J., Zhang, X.H., Le Foulgoc, K., Fonteneau, G., Fogret, E. Non-oxide glasses for optical waveguide applications 115990
Lucas, J. *see* Al-Shamma'a, A. 96086
Lucas, J. *see* Balfour, C. 96558
Lucas, J. *see* Dearden, G. 96504
Lucas, J. *see* Dearden, G. 96505
Lucas, J. *see* Evans, J.C. 67158
Lucas, J. *see* Shaw, A. 96080
Lucas, J. *see* Shibin Jiang 96196
Lucas, J.De *see* De Lucas, J.
Lucas, K. *see* Orlowski, M. 74820
Lucas, K.D., Yuan, C.-M., Strojwas, A.J. Efficient workstation based 3D model for optical alignment simulation 115077
Lucas, L., Gilbert, N., Ploton, D., Bonnet, N. Visualization of volume data in confocal microscopy: comparison and improvements of volume rendering methods 67422
Lucas, M. Vibration sensitivity in the design of ultrasonic forming dies 70563
Lucas, M.S. FPD and IC fabrication similarities and differences 79612
Lucas, N. *see* Bakken, I.J. 70652
Lucas, P. *see* Lobo, J. 69075
Lucas, P.W. *see* Darvell, B.W. 79237
Lucas, P.W. *see* McCrory, E.S. 79942
Lucas, R. *see* Hanzo, L. 68313
Lucas, R. *see* Legido, J.M. 79055
Lucas, T.N. Finding roots of polynomials by using the Routh array 92581
Lucas, W., Hawks, R. Evaluating your electrical distribution system and modernizing with vacuum technology 82039
Lucas, Y., Redarce, T., Jutard, A. Spatial contours for vision and CAD model matching 77215
Lucassen, G.W. *see* van Gemert, M.J.C. 101418
Lucatti, D., Pattavina, A., Trecordi, V. Bounds and performance of reuse partitioning in cellular networks 88206
Lucchetti, L. *see* Barucca, G. 113328
Lucchetti, L. *see* Pinto, N. 61263
Luccio, A., Pilat, F. Insertion of helical Siberian snakes in RHIC 100458
Luccio, A.U. *see* Huang, H. 119985
Luce, J. *see* Jolly, A. 85416
Luce, J.W. *see* Buckle, K.A. 112065
Luce, J.W. *see* Buckle, K.A. 112066
Luce, T.C. *see* O'Neill, R.C. 105029
Lucek, J. *see* Rogers, D.C. 78692
Lucek, J.K. All-optical remotely programmable routing device 68505
Lucek, J.K. *see* Gunning, P. 65342
Lucek, J.K. *see* Gunning, P. 78710
Lucente, M. Holographic bandwidth compression using spatial subsampling 87198
Lucero, A. *see* Evangelides, S.G., Jr. 109667
Lucero, A.J. *see* Chraplyvy, A.R. 99580
Lucero, A.J. *see* Gnauck, A.H. 88643
Lucero, A.J. *see* Zyskind, J.L. 85403
Lucero, R. *see* Glass, E. 83459
Lucero, R. *see* Glass, E. 93789
Lucero, R. *see* Hallmark, J. 84533
Lucero, R. *see* Staudinger, J. 93150
Lucero, T. *see* Bozzetto, E. 102110
Lucet, Y. A fast computational algorithm for the Legendre-Fenchel transform 82522
Lucey, P.G. *see* Winter, E.M. 108555
Lucey, T. Ceramic pressure sensors offer reliability, repeatability for difficult applications 99899
Luchaninov, A.I. *see* Shifrin, Y.S. 61625
Luchaninov, A.I. *see* Shifrin, Y.S. 65983
Luche, J., Jacqmin, L.G. Oxidation phenomena: MAAP4 sensitivity studies using CORA-13 experiment 81280
Luchen Wu *see* Wu Luchen
Luchenko, S.V. *see* Rossomakhin, S.G. 86167
Lucherini, V. *see* Agnello, M. 110583
Lucherini, V. *see* Losasso, M. 90242
Luches, A. *see* Dinescu, M. 113505
Luches, A. *see* Leggieri, G. 92928
Luches, A. *see* Luby, S. 74107
Luches, A. *see* Luby, S. 94826
Luches, A. *see* Mihailescu, I.N. 82761
Luches, A. *see* Mihailescu, I.N. 92821
Luches, A. *see* Teodorescu, V.S. 104110
Luchetta, A., Manetti, S., Piccirilli, M.C. A Windows package for symbolic and numerical simulation of analog circuits 93057
Luchetta, A. *see* Catelani, M. 113697
Luchetta, A. *see* Catelani, M. 119538
Luchies, J.R.M., Verhaege, K., Kuper, F.G., Mouthaan, A.J., De Graaff, H.C. Fast transient ESD simulation of the NMOS protection transistor 85798
Luchies, J.R.M. *see* Meneghesso, G. 115363
Luchinskii, A.V., Makhrin, V.I., Ratakhin, N.A., Chertov, A.A. High-powered generator with high-voltage forming-line charging by electroexplosion of conductors 121563
Luchinskii, A.V., Ratakhin, N.A., Fedushchak, V.F., Shepelev, A.N. Powerful pulsed electrophysical transformers from the Institute of High-Current Electronics, Siberian Branch of the Russian Academy of Sciences 121535
Luchinskii, A.V. *see* Korostelev, A.F. 121562
Luchinsky, D.G. *see* Kaufman, I.K. 115939
Luchinsky, N.N. Energy efficiency of electrical machines 71236
Luchka, K., Chen, D., Shalev, S., Gluhchev, G., Rajapakshe, R. Assessing radiation and light field congruence with a video based electronic portal imaging device 90595
Luchka, K., Shalev, S. Pelvic irradiation of the obese patient: A treatment strategy involving megavoltage simulation and intratreatment setup corrections 120507
Luchka, K. *see* Rajapakshe, R. 90594
Luchring, E.L. *see* McCall, L.V. 102891
Lucht, R., Brix, G., Lorenz, W.J. Texture analysis of differently reconstructed PET images 120351
Lucia, C. *see* Perez, A. 112078
Lucia, M.De *see* De Lucia, M.
Lucia, M.L., Santamaria, J., Sanchez-Quesada, F., Lopera, W., Gomez, M.E., Prieto, P. Influence of epitaxial properties on the mutual inductance response of high-quality YBCO thin films 75318
Lucidi, S. *see* Ferris, M.C. 82507
Luck, A. *see* Weber, W. 106224
Luck, I. *see* Metzner, H. 71713
Luck, I. *see* Scheer, R. 92939
Luck, R. *see* King, R.L. 70661
Luckett, M.J., MacLeod, N.M., Young, D.J. Aspects of filter design for the Chandrapur 2×500 MW HVDC back-to-back convertor station 81011
Luckey, J. Unleashing the potential of a growing windpower fever 111860
Lucking, C. *see* Schulze, J. 107110
Luckowski, E.D. *see* Casady, J.B. 62787
Luckowski, E.D. *see* Casady, J.B. 105715
Luckowski, E.D. *see* Crofton, J. 105471
Lucks, S. Faster Luby-Rackoff ciphers 66514
Lucovsky, G. Preparation of device-quality SiO_2 thin films by remote plasma-enhanced chemical vapour deposition (PECVD): applications in metal-oxide-semiconductor (MOS) devices 61340
Lucovsky, G., Jing, Z. Defect metastability associated with oxygen and nitrogen impurity atoms in hydrogenated amorphous silicon films 94397
Lucovsky, G., Lu, Z., Willlams, M.J., Jing, Z., Whitten, J.L. Defects in a-Si:N:H alloys: H-exchange reactions for (i) low-temperature (<250°C) metastability and (ii) high-temperature (>400°C) hydrogen evolution 62767
Lucovsky, G. *see* Cho, S.M. 92840
Lucy, L.B. *see* Hook, R.N. 77084
Lucyk, C. Study of the influence of changing trains masses on load of the traction substation feeders 112520
Lucyszyn, S., Oztek-Yerli, C.F., Robertson, I.D. Accurate modelling of cold-MESFETs for adaptive MMIC signal processing applications 114275
Lucyszyn, S., Robertson, I.D. MMIC tunable active notch filter 62364
Lucyszyn, S., Robertson, I.D. High performance analogue MMIC control devices for adaptive phased array applications 76649
Lucyszyn, S., Sewell, T., Robertson, I.D. Multi-level digital modulation performed directly at carrier frequency 117135
Ludbrook, A. *see* Wimshurst, M.J.V. 121986
Ludek, S. *see* Jiri, B. 102691
Ludeking, L. *see* Levush, B. 62636
Ludeking, L. *see* Levush, B. 105079
Ludeking, L.D., Smithe, D.N., Warren, G. The MMACE Source Book and Collector Tool 62600
Luderer, G.W.R. *see* Kuehnel, T. 78315
Ludewigt, B., Rossington, C., Kipnis, I., Krieger, B. Progress in multi-element silicon detectors for synchrotron XRF applications 80069
Ludewigt, B., Rossington, C., Kipnis, I., Krieger, B. Progress in multi-element silicon detectors for synchrotron XRF applications 101032
Ludewigt, B. *see* Maier, M.R. 90245
Ludewigt, B. *see* Maier, M.R. 100940
Ludge, B. *see* Duparre, M. 96582
Ludge, B. *see* Golub, M.A. 76094
Ludman, J.E. *see* Korzinin, Yu.L. 96821
Ludmirsky, E. Helical Siberian snakes 89684
Ludovic, S., Sami, S., Karine, D., Claude, B. Brushless DC motor control without mechanical sensors 121501
Ludowise, M. *see* Chen, C.H. 92710
Ludvig, J. *see* Hogl, H. 100981
Ludvigsen, H. *see* Talvitie, H. 107291
Ludwick, S.L., Trumper, D.L., Holmes, M.L. Modeling and control of a six degree-of-freedom magnetic/fluidic motion control stage 100320
Ludwig, A. Spring operating mechanisms for high voltage switchgears: 60 years of experience, 60000 in use 81605
Ludwig, C. Cutting edge base materials [high frequency PCBs] 83355
Ludwig, C., Kuhl, J. Studies of the temporal and spectral shape of terahertz pulses generated from photoconducting switches 95996
Ludwig, C., Leonhardt, S., Ayoubi, M. Real time supervision for Diesel engine injection 103474
Ludwig, C. *see* Oberli, M.T.P. 105098
Ludwig, D. *see* Wei Chang 75765
Ludwig, F., Dantsker, E., Koelle, D., Kleiner, R., Miklich, A.H., Clarke, J. Multilayer magnetometers based on high-T_c SQUIDs 64554
Ludwig, F. *see* Clarke, J. 64548
Ludwig, F. *see* Lewalter, A. 106699
Ludwig, F.L. *see* Vesecky, J.F. 111234
Ludwig, J. *see* Chen, J.W. 114803
Ludwig, J. *see* Geppert, R. 120141
Ludwig, J. *see* Irsigler, R. 120139
Ludwig, J. *see* Rogalla, M. 120146
Ludwig, J. *see* Pelfer, P.G. *(editor)* 103304
Ludwig, J.T., Nawab, S.H., Chandrakasan, A.P. Low-power digital filtering using approximate processing 62035
Ludwig, K.F., Jr. *see* Clevenger, L.A. 74635
Ludwig, M. *see* Bronner, N. 64991
Ludwig, M. *see* Hurm, V. 109629
Ludwig, M. *see* Lao, Z. 104353
Ludwig, M.H., Augustin, A., Hummel, R.E., Gross, T. On the formation process of luminescing centers in spark-processed silicon 114936
Ludwig, M.H. *see* Hummel, R.E. 83788
Ludwig, M.H. *see* Jeon, M.H. 113290
Ludwig, R., Pieper, W., Jahn, E., Agrawal, N., Ehrhardt, A., Kuller, L., Weber, H.G. 10 GHz all-optical clock recovery using a mode-locked semiconductor laser in a 40 Gbit/s, 100-km transmission experiment 78784
Ludwig, R., Pieper, W., Schnabel, R., Diez, S., Weber, H.G. Four-wave mixing in semiconductor laser amplifiers: applications for optical communication systems 85702
Ludwig, R. *see* Funan Shi 70015
Ludwig, R. *see* Pieper, W. 88592
Ludwig, R. *see* Pieper, W. 88657
Ludwig, R. *see* Ustundag, A. 84711
Ludwig, W. *see* Diekmann, V. 70001
Ludwigs, M., Orglmeister, R., Karl, M., Talmi, M. A scalable multiprocessor system for real time image processing applications based on DSP 96002 97915
Ludwin, W., Chlebus, E. Performance comparison of simulators for cellular mobile network 99327
Ludwin, W. *see* Chlebus, E. 68227
Ludziejewski, T. *see* Moszynski, M. 69830
Ludziejewski, T. *see* Moszynski, M. 80054
Ludziejewski, T. *see* Moszynski, M. 101039
Lue, B., Ye, Y., Sui, Z., Cai, B. Changes of optical beams passing through a temporal-spatial pulse shaper 85568
Lue, C.C. *see* Lai, J.Z.C. 86350
Lue, J.W., Lubell, M.S., Aized, D., Campbell, J.M., Schwall, R.E. Spontaneous quenches of a high temperature superconducting pancake coil 95540
Lue, J.W. *see* Chen, M.T. 80780
Lue Juh Tzeng *see* Juh Tzeng Lue
Lue Min-Chung *see* Min-Chung Lue
Lue Yuan-Ching *see* Yuan-Ching Lue
Luebbers, R.J., Langdon, H.S. A simple feed model that reduces time steps needed for FDTD antenna and microstrip calculations 85961
Luebbers, R.J. *see* Kelley, D.F. 76367
Luebbers, R.J. *see* Schuster, J.W. 97068
Luebelsmeyer, K. *see* Braunschweig, W. 69836
Luebelsmeyer, K. *see* Karpinski, W. 106068
Lueck, R.G. *see* Levine, E.R. 90835
Luedecke, H. *see* Baehr, J. 69755

Lueder, E. Fabrication of CdSe-TFTs and implementation of integrated drivers with polycrystalline TFTs 84612
Lueder, E. *see* Glueck, J. 88817
Lueder, E. *see* Hochholzer, V. 100202
Lueder, E. *see* Horst, D. 100127
Lueder, E. *see* Pfeiffer, M. 85142
Lueder, E. *see* Schleupen, K. 83096
Lueder, E. *see* Straub, D. 84387
Lueder, R., Sevcik, M. Customers are in the driver's seat [intelligent networks] 98820
Luedi, H. Vacuum valves and dry pumps used in synchrotron systems and accelerators 79782
Luehmann, M. *see* Weber, E. 102001
Luehring, F. *see* Adams, D. 69840
Luerssen, D. *see* Langbein, W. 83950
Luescher, K. *see* Crozier, S. 85813
Lueth, H. *see* Krueger, M. 94804
Lueth, H. *see* Rahmati, B. 72898
Lueth, H. *see* Thoenissen, M. 94246
Luethy, W. *see* Weber, T. 116406
Luetjens, G. *see* Mours, B. 120196
Luetjering, G. *see* Peters, J.O. 113518
Luetzelberger, P. *see* Sadek, K. 111570
Luetzelberger, P. *see* Sadek, K. 111572
Luetzner, J. *see* Scharf, L. 78507
Luff, B.J., Harris, R.D., Wilkinson, J.S., Wilson, R., Schiffrin, D.J. Integrated-optical directional coupler biosensor 69329
Lufkin, R. *see* Xin Li 109201
Luft, A., Franz, U., Emsermann, A., Kaspar, J. A study of thermal and mechanical effects on materials induced by pulsed laser drilling 107689
Luft, W., Branz, H.M., Dalal, V.L., Hegedus, S.S., Schiff, E.A. Progress in amorphous silicon PV technology: an update 112343
Luftman, H.S. *see* Gossman, H.-J. 63256
Luftman, H.S. *see* Herner, S.B. 63110
Luftman, H.S. *see* Mogi, T.K. 63004
Luftman, H.S. *see* Mogi, T.K. 94538
Luftman, H.S. *see* Vuong, H.-H. 63251
Lugakov, P.F. *see* Kazakevich, L.A. 114551
Lugara, M. *see* Corvasce, C. 107339
Lugauer, H.J., Waag, A., Worschech, L., Ossau, W., Landwehr, G. Generation of atomic group V materials for the p-type doping of wide gap II-VI semiconductors using a novel plasma cracker 94718
Lugauer, H.J. *see* Waag, A. 92708
Luger, G. *see* Westervelt, R.T. 89922
Lugetskii, N. *see* Artemiev, V. 80101
Lughadha, S.T.Mac *see* Mac Lughadha, S.T.
Lugiez, F. *see* Dentan, M. 90222
Lugiez, F. *see* Dentan, M. 95214
Lugin, J.A. *see* Gertsev, K.F. 79893
Luginets, A.M., Guretskii, S.A., Ges, A.P., Milovanov, A.S., Markova, L.V., Burak, V.S. The influence of growth conditions on the optical properties of barium betaborate single crystals 72747
Luginsland, J. *see* Hochman, J.M. 69655
Luginsland, J. *see* Walter, M.T. 62634
Luginsland, J.W., Lau, Y.Y., Hendricks, K.J., Coleman, P.D. A model of injection-locked relativistic klystron oscillator 105018
Luginsland, J.W., Valfells, A., Lau, Y.Y. Effects of a base resistor on electron emission from a field emitter 105011
Luginsland, J.W. *see* Walter, M.T. 105063
Lugli, P. *see* Molinari, E. 62916
Lugli, P. *see* Rota, L. 62924
Luglio, M. Fade prediction and control systems 88420
Lugo, L.Melendez *see* Melendez Lugo, L.
Lugosi, G., Nobel, A. Complexity regularization using data-dependent penalties 60821
Lugosi, G., Zeger, K. Concept learning using complexity regularization 66952
Lugosi, G. *see* Krzyzak, A. 66955
Lugosi, G. *see* Linder, T. 86080
Lugtu, R.L. *see* Roytelman, I. 70869
Luguang Yan, Holee Nan, Yunjia Yu, Yinming Dal, Shousen Song, Zuxiang Ye, Yuelian Chen A fast-ramp superconducting magnet for HGMS 95554
Luguang Yan *see* Qiuliang Wang 95619
Luguang Yan *see* Wenqi Ge 102731
Luguera, E., Fernandez, F., Domingo, C., Baixeras, C., Prevost, H. Simulation of the energetic and angular response of a $CaSO_4$:Dy dosemeter to weakly penetrating beta radiation using the EGS4 transport code 101468
Luh, J. *see* Wang, H.W. 93948
Luh, P.B. *see* Prasannan, B. 70788
Luh, P.B. *see* Xiaohong Guan 70793
Luh Jer-Junn *see* Jer-Junn Luh
Luhder, K. A method of measuring the conductivity of air-sensitive substances in dependence on pressure (alkali metal anthracene addition compounds) 114677
Luhder, K. *see* Liebenow, C. 112198
Luhmann, N.C. *see* Chong, C.K. 105068
Luhmann, N.C. *see* Chong, C.K. 105069
Luhmann, N.C. *see* Leou, K.C. 105067
Luhmann, N.C., Jr. *see* Balkcum, A.J. 105045
Luhmann, N.C., Jr. *see* Balkcum, A.J. 116291
Luhmann, N.C., Jr. *see* Chong, C.K. 114531
Luhmann, N.C., Jr. *see* Hartemann, F.V. 76047
Luhmann, N.C., Jr. *see* Le Sage, G.P. 65381
Luhmann, N.C., Jr. *see* Le Sage, G.P. 107031
Luhmann, N.C., Jr. *see* Le Sage, G.P. 116571
Luhmann, N.C., Jr. *see* Leou, K.C. 62639
Luhmann, N.C., Jr. *see* McDermott, D.B. 105041
Luhmann, N.C., Jr. *see* McDermott, D.B. 107363
Luhmann, N.C., Jr. *see* McDermott, D.B. 114535
Luhmann, N.C., Jr. *see* Wang, Q.S. 105065
Luhmann, N.C., Jr. *see* Wang, Q.S. 114532
Luhmann, N.C., Jr. *see* Zhaug, W.-M. 117095
Luhmann, N.N., Jr *see* Fochs, S.N. 65147
Lui, A., Margesin, B., Zanini, V., Zen, M., Soncini, G., Martinoia, S. A test chip for ISFET/CMNOS technology development 119623
Lui, C. *see* Antonsen, T.M., Jr. 114524
Lui, H. *see* Weaver, M.S. 75753
Lui, H.-X. *see* Neuffer, D.V. 79877
Lui, J.C.S. *see* Golubchik, L. 88824
Lui, J.C.S. *see* Lau, S.W. 118598
Lui, P.W. *see* Poon, P.W.F. 90503
Lui, Y.W. *see* Utsunomiya, H. 69766
Lui Yui Man *see* Yui Man Lui
Luijckx, G., Bakker, R., Rookhuizen, H.B., de Jager, C., Kroes, F., Kuijer, L., van der Laan, J., Maas, R., Noomen, J., Wu, Y. The AmPS ring: actual performance and future plans 79917
Luijten, G. *see* Mitts, H. 78541
Luikonen, R.A. *see* Leonov, E.N. 116351
Luise, M. *see* Giannetti, F. 88072
Luise, M. *see* Giannetti, F. 88135
Luiten, A.L. Digital: discrete perfection [medical images application] 80293
Luiten, A.N., Mann, A.G., Blair, D.G. High-resolution measurement of the temperature-dependence of the Q, coupling and resonant frequency of a microwave resonator 79236
Luiten, A.N., Mann, A.G., Blair, D.G. Paramagnetic susceptibility and permittivity measurements at microwave frequencies in cryogenic sapphire resonators 106475
Luitjens, B. *see* Stek, A. 115828
Luitjens, S.B., Stupp, S.E., Lodder, J.C. Metal evaporated tape: state of the art and prospects 106498
Luiz da Silva, E., Morozowski, M. Maintenance scheduling of generating units with reliability constraints: a mathematical programming approach 102026
Luiz Moreno, R., dos Reis Filho, C.A. A MOS analog-switch macromodel for charge injection analysis 95022
Lujan, M. Understanding peak detect in digital scopes 89206
Lujan, R. *see* Mei, P. 94961
Lujun, C. *see* Enze, L. 73931
Lujun Chen *see* Ruqian Wu 64365
Lujun Chen *see* Chen Lujun
Lujun Cheng *see* Cheng Lujun
Luk, J.D.Lan Sun *see* Lan Sun Luk, J.D.
Luk, K.B. *see* Cho, H.S. 80044
Luk, K.B. *see* Cho, H.S. 100832
Luk, K.B. *see* Hong, W.S. 80034
Luk, K.B. *see* Hong, W.S. 100847
Luk, K.M. *see* Luo, Y.L. 66100
Luk, K.M. *see* Luo, Y.L. 117000
Luk, K.M. *see* Tam, W.Y. 97303
Luk, K.M. *see* Weigan Lin 97245
Luk, P.Chi-Kwong *see* Chi-Kwong Luk, P.
Luk, P.C.K. *see* Lee, C.K. 71332
Luk, T.W. *see* Hosseini, M. 83643
Luk, W.S. Finding roots of a real polynomial simultaneously by means of Bairstow's method 60972
Luk Chan Kap *see* Kap Luk Chan
Luk Kwai-Man *see* Kwai-Man Luk
Lukac, M. *see* Majaron, B. 107194
Lukacevic, D. Gas-steam energy block as electric energy source 111805
Lukachova, L.V. *see* Karyakin, A.A. 119746
Lukacs, M.E. *see* Boyer, D.G. 87913
Lukander, P. *see* Malkemes, R. 99191
Lukander, P. *see* Noerpel, A.R. 109460
Lukander, P. *see* Noerpel, A.R. 109492
Lukaniszyn, M., Kedzia, J. Electrostatic field in the parallelepiped tank generated by a space charge 76335
Lukaniszyn, M., Unbehauen, R. The 3D analysis of the leakage field in a transformer with disk windings 81532
Lukas, G. *see* Yi, H.J. 75941
Lukas, R., Sutcliffe, K., Oosthuizen, P. LM6000s bring fast track power to Tanzania [aeroderivative gas turbines] 102475
Lukas, U.Von *see* Von Lukas, U.
Lukashev, A.A., Magnitskii, S.A., Pryalkin, V.I. Frequency conversion of intense femtosecond pulses; the route to enhance energy conversion efficiency 96604
Lukashev, A.A., Magnitsky, S.A., Pryalkin, V.I. Dispersion of group synchronisms in nonlinear frequency converters of ultrashort light pulses 96667
Lukashin, G.M., Kostenko, I.I., Kryzhanovsky, V.A., Bochkov, A.V., Magda, E.P., Murzin, V.M. Evaluations of radiation properties of gas media used in nuclear-pumped lasers 96117
Lukasiak *see* Nowak, B. 106045
Lukasiak, L. *see* Jurczak, M. 106005
Lukasiewicz, T. *see* Kaczmarek, S. 107179
Lukaszek, W., Birrell, A.H. Quantifying wafer charging during via etch 105635
Lukaszek, W. *see* Current, M. 105569
Lukaszek, W. *see* Kumar, M.V. 115304
Lukaszewicz, D. *see* Bialek, R. 112058
Lukaszewski, A. Evolutionary programming in graph coloring 103615
Lukatsky, A.M. *see* Shapot, D.V. 81192
Luke, D.W. *see* Darrah, C.A. 111417
Luke, H.D. Large families of polynomial phase sequences with low correlation 86166
Luke, P.N., Eissler, E.E. Performance of CdZnTe coplanar-grid gamma-ray detectors 80075
Luke, P.N. *see* Cork, C.P. 80072
Luke, P.N. *see* Cork, C.P. 92254
Luke, P.N. *see* Gully, W.J. 111054
Lukeman, E. *see* Clark, M. 68902
Lukens, J.E. *see* Siyuan Han 64541
Lukes, S. *see* Zoughi, R. 113575
Lukey, P. *see* van de Roer, T. 84500
Lukey, P.W., Caro, J., Storm, A.B., van der Drift, E.W.J.M., Zijlstra, T., Werner, K., Radelaar, S. Resonant tunneling through (submicron) Si-SiGe double barrier structures fabricated by selective epitaxy 84499
Lukhanin, A.A. *see* Anischenko, N.G. 120106
Lukhanin, A.A. *see* Bazhanov, N.A. 69699
Lukhanin, A.A. *see* Borisov, N.S. 120104
Lukin, A.A. *see* Vavilov, S.G. 106623
Lukin, K.A. Noise radar with correlation receiver as the basis of car collision avoidance system 99664
Lukin, M.D. *see* Zibrov, A.S. 96116
Lukin, O.V. *see* Magunov, A.N. 63866
Lukin, S.N. *see* Kalabukhova, E.N. 105227
Lukin, S.V. *see* Kudryavtsev, N.Yu. 102422
Lukin, V.V., Ponomarenko, N.N., Astola, J.T., Saarinen, K. Algorithms of image nonlinear adaptive filtering using fragment recognition by expert system 77359
Lukin, V.V. *see* Kulemin, G.P. 80594
Lukin, V.V. *see* Kulemin, G.P. 80612
Lukina, L.N. *see* Koroleva, L.I. 84769
Lukishova, S.G., Belyaev, S.V., Lebedev, K.S., Magulariya, E.A., Schmid, A.W., Malimonenko, N.V. Behaviour of nonlinear liquid-crystal mirrors, made of a nonabsorbing cholesteric, in the cavity of an Nd:YAG laser operating in the cw regime and at a high pulse repetition frequency 116593
Lukishova, S.G., Lebedev, K.S., Magulariya, E.A. Nonlinear optics of nonabsorbing chiral media: experiments on frustration of selective reflection by powerful laser radiation 96740
Lukishova, S.G., Magulariya, E.A., Lebedev, K.S. Nd:YAG laser induced nonlinear selective reflection by a cholesteric liquid-crystal mirror 96668
Lukjantsev, I.V. *see* Fedin, D.A. 100908
Lukkart, J., Studholme, S. Submerged arc welding with cored wires 122106
Lukomskij, G.V. *see* Mazurenko, Yu.T. 76297
Lukosz, W. *see* Stamm, C. 110247
Lukov, N., Loginova, E., Chernyshov, L. Calculation technique of stability and quality of work of temperature control systems of tractive semiconductor converters 112518
Lukov, N., Loginova, E., Chernyshov, L. Calculation technique of statics and dynamics of tractive semiconductor converter cooling systems 112519
Lukovnikov, D.A. *see* Denisov, G.G. 65009
Lukovnikov, D.A. *see* Denisov, G.G. 74071
Lukowicz, P., Tichy, W.F. A concept for a smart pixel CRCW shared memory 84953
Lukowski, T.I. *see* Srivastava, S.K. 120726
Luksan, L. Hybrid methods for large sparse nonlinear least squares 72576
Lukstins, Yu. *see* Aksinenko, V.D. 69852
Lukyanchikova, N., Petrichuk, M., Garbar, N., Simoen, E., Claeys, C. Strong low-frequency noise in buried-channel pMOSFETs under inversion conditions 105963
Lukyanchikova, N.B. General results of investigation of the excess noise in optoelectronic devices and their application for improving the device performance 64890
Luk'yanov, A.A. *see* Smykov, V.B. 121282
Luk'yanov, A.E. *see* Balagurov, L.A. 83813
Lukyanov, A.S., Eskin, V.I., Shevchuk, L.M. Quantitative risk assessment in selecting an investment strategy for energy systems 72168
Luk'yanov, V.I. *see* Tishchenko, V.A. 79222
Luk'yanov, V.I. *see* Tokatly, V.I. 79627
Lukyanov, V.N. *see* Batovrin, V.K. 64966
Lukyanova, N.V. *see* Aliev, G.N. 62747
Lule, T. *see* Zhu, Q. 100104
Lulin Xu *see* Xu Lulin
Luling, R. *see* Di Ianni, M. 86308
Lulli, G. *see* Albertazzi, E. 94696
Lulli, G. *see* Nipoti, R. 94695
Lulli, G. *see* Priolo, F. 94710
Lulli, G. *see* Servidori, M. 61273
Lum, M.J. Evaluating the ability of SDH to transport broadcast quality video 119464
Lum, P., Greenstein, M., Grossman, C., Szabo, T.L. High-frequency membrane hydrophone 90369
Lum, R. *see* Bean, J.C. 89532
Lum, R. *see* Hybertsen, M.S. 96350
Lum, R. *see* Pollak, F.H. 96352
Lum, R.M., McDonald, M.L., Bean, J.C., Vandenberg, J., Pernell, T.L., Chu, S.N.G., Robertson, A., Karp, A. In situ reflectance monitoring of InP/InGaAsP films grown by metalorganic vapor phase epitaxy 92731
Lum, R.M., McDonald, M.L., Bean, J.C., Vandenberg, J., Pernell, T.L., Chu, S.N.G., Robertson, A., Karp, A. Use of reflectance spectroscopy for in-situ monitoring of InP/InGaAsP films grown by MOVPE 103906

Lum, S. Introduction to electromagnetic interference and emissions 93999
Lum Kai-Yew *see* Kai-Yew Lum
Lumelsky, V.J. *see* Shkel, A.M. 82429
Lumetta, B. *see* Benton, R. 86259
Lumia, R. *see* Michaloski, J.L. 66653
Luming, S. *see* Qingyue, H. 69280
Lumini, F., da S. Lacava, J.C. Near field solutions for chirostrip printed dipoles 97338
Lumley, J. *see* Peacock, A. 99994
Lummer, B. *see* Heitz, R. 74211
Lummer, B. *see* Hoffmann, A. 62803
Lumori, M. *see* Zhou, D. 120926
Lumpkin, A. Potential applications of a dual-sweep streak camera system for characterizing particle and photon beams of VUV, XUV, and X-ray FELs 96566
Lumpkin, A., Fuja, R., Votaw, A., Wang, X., Shu, D., Stepp, J., Arnold, N., Nawrocki, G., Decker, G., Chung, Y. Overall design concepts for the APS storage ring machine protection system 100419
Lumpkin, A., Patterson, D., Wang, X., Kahana, E., Sellyey, W., Votaw, A., Yang, B., Fuja, R., Berg, W., Borland, M., Emery, L., Decker, G., Milton, S. Initial diagnostics commissioning results for the Advanced Photon Source (APS) 100540
Lumpkin, A., Yang, B. Status of the synchrotron radiation monitors for the APS facility rings 100539
Lumpkin, A., Yang, B., Chung, Y., Dejus, R., Voykov, G., Dattoli, G. Preliminary calculations on the determination of APS particle-beam parameters based on undulator radiation 100580
Lumpkin, A., Yang, B., Gai, W., Cieslik, W. Initial tests of the dual-sweep streak camera system planned for APS particle-beam diagnostics 100541
Lumpkin, A. *see* Chung, Y. 100613
Lumpkin, A. *see* Chung, Y. 100614
Lumpkin, G.R. *see* Lumpkin, N.E. 63098
Lumpkin, N.E., King, W., Tansley, T.L. Refinement of low-resistance Ni-Ge-Au ohmic contacts to n^+ GaAs using screening and response surface experiments 63431
Lumpkin, N.E., Lumpkin, G.R., Butcher, K.S.A. Investigation of low- and high-resistance Ni-Ge-Au ohmic contacts to n^+ GaAs using electron microbeam and surface analytical techniques 63098
Lumpp, J.K. *see* Grimes, C.A. 64384
Lumpp, J.K. *see* Grimes, C.A. 115619
Lumsdaine, A., Reichelt, M.W., Squyres, J.M., White, J.K. Accelerated waveform methods for parallel transient simulation of semiconductor devices 74666
Lumsden, J. *see* Duesing, E. 108953
Lun, D.P.K. *see* TaiChiu Hsung 117592
Lun Cai Shou *see* Cai Shou Lun
Lun Chor Yee Staff recruitment and development: looking beyond the boundary 60426
Lun Lee Dik *see* Dik Lun Lee
Lun Ma Siu *see* Siu Lun Ma
Lun Shau-Ming *see* Shau-Ming Lun
Lun Ye *see* Seungug Koh 99601
Luna, F.D. PIC16CXX: a new family of high-performance RISC CMOS microcontrollers. I 61921
Luna, F.D. PIC16CXX: a new family of high-performance RISC CMOS microcontrollers. II 61922
Lunacek, J. *see* Kuchar, L. 92674
Lunak, S. *see* Kodymova, J. 116325
Lunardi, L. *see* Hamm, R.A. 103942
Lunardi, L.M. *see* Chandrasekhar, S. 88487
Lunardi, L.M. *see* Kirtania, A.K. 63584
Lunardi, L.M. *see* Tanbun-Ek, T. 119235
Luncun Wei *see* Wei Luncun
Lund, B. *see* Kie Young Lee 63787
Lund, C., Phillips, S., Reingold, N. Fair prioritized scheduling in an input-buffered switch 109305
Lund, D.E. *see* Walker, D.T. 111244
Lund, E. *see* Carlsson, C.A. 111004
Lund, J.C., Olsen, R., Van Scyoc, J.M., James, R.B. The use of pulse processing techniques to improve the performance of $Cd_{1-x}Zn_xTe$ gamma-ray spectrometers 80154
Lund, J.C., Olsen, R., van Scyoc, J.M., James, R.B. The use of pulse processing techniques to improve the performance of $Cd_{1-x}Zn_xTe$ gamma-ray spectrometers 100829
Lund, J.C., Olsen, R.W., James, R.B., Van Scyoc, J.M., Eissler, E.E., Blakeley, M.M., Glick, J.B., Johnson, C.J. Performance of a coaxial geometry $Cd_{1-x}Zn_xTe$ detector 110575
Lund, J.C. *see* Schieber, M. 110578
Lund, J.J. New architectures to transform control networks 98651
Lund, R.B., Tweedie, R.L. Geometric convergence rates for stochastically ordered Markov chains 72470
Lund, S. *see* Karpenko, V. 89695
Lund, S.M. *see* Friedman, A. 89692
Lundberg, A. System maximizes contract O&M efficiency 121017
Lundberg, J. *see* Satake, T. 116046
Lundberg, N., Ostling, M., Tagtstrom, P., Jansson, U. Chemical vapor deposition of tungsten Schottky diodes to 6H-SiC 63570
Lundberg, N., Tagtstrom, P., Jansson, U., Ostling, M. CVD of tungsten Schottky diodes to 6H-SiC 105882
Lundborg, B., Skartlien, R., Jodalen, V., Johansson, B., Broms, M., Cannon, P.S., Angling, M.J., Davies, N.C., Moreland, K.W. Scandinavian DAMSON measurements of multipath and Doppler characteristics over high latitude HF paths 99057
Lundborg, B. *see* Broms, M. 97101
Lunde, K., Perkins, R.J. A method for the detailed study of bubble motion and deformation 100396
Lunde, L. *see* Mitsuya, Y. 119872
Lundequist, J. *see* Almgren, M. 78528
Lundgaard, L.E. *see* Runde, M. 121822
Lundgreen, P. Scientific expertise and regulatory politics in Germany: the formative period of handling risks by agreeing on "acceptable" standards, 1870-1913 92118
Lundgren, M., Houchard, J., Wang, V., Mariam, F., Suzuki, A. ADONIS, daytime speckle camera, for Air Force Maui Optical Station, overview 69253
Lundgren, P., Andersson, M.O. Temperature dependence confirmation of tunneling through 2-6 nm silicon dioxide 84002
Lundgren, S.A., Bergqvist, A.J., Engdah, S.G. A rate-dependent magnetostrictive simulation method for silicon-iron sheets under harmonic excitation 106504
Lundh, P., Roos, S. UniSwitch–a new flexible STM switch fabric concept 88023
Lundin, M., Contin, A., Dellacasa, G., DeSalvo, R., Gallio, M., Gorodetzky, P., Helleboid, J.M., Johnson, K.F., Juillot, P., Lazic, D., Musso, A., Vercellin, E., White, S. On the electromagnetic energy resolution of Cherenkov-fiber calorimeters 69805
Lundquist, P. *see* Zhou, H. 116673
Lundquist, P.B., Andersen, D.R. Solitary four-wave-mixing states in $\chi^{(3)}$ media 107577
Lundquist, P.M., Poga, C., DeVoe, R.G., Jia, Y., Moerner, W.E., Bernal, M.-P., Coufal, H., Grygier, R.K., Hoffnagle, J.A., Jefferson, C.M., Macfarlane, R.M., Shelby, R.M., Sincerbox, G.T. Holographic digital data storage in a photorefractive polymer 75413
Lundquist, P.M., Poga, C., DeVoe, R.G., Jia, Y., Moerner, W.E., Shelby, R.M., Hoffnagle, J.A. Holographic data storage in photorefractive polymers 116785
Lundquist, P.M. *see* Burland, D.M. 115995
Lundquist, P.M. *see* Poga, C. 95658
Lundquist, P.M. *see* Wortmann, R. 106757
Lundquist, T.G. *see* Thallam, R.S. 111623
Lundqvist, J. *see* Stenstrom, L. 121244
Lundqvist, L. *see* Andersson, J.Y. 69165
Lundsgaard Hansen, J. *see* Fyhn, M.F. 82632
Lundstedt, J., He, S. A time-domain optimization technique for the simultaneous reconstruction of the characteristic impedance, resistance and conductance of a transmission line 85907
Lundstedt, J., Strom, S., He, S. Time-domain signal restoration and parameter reconstruction on an LCRG transmission line 85922
Lundstrom, I., Petersson, L.-G. Chemical sensors with catalytic metal gates 89193
Lundstrom, I. *see* Smela, E. 112166
Lundstrom, M. *see* Chi-Kuang Sun 119678
Lundstrom, T. *see* Chen, W.M. 105582
Lunel, S.M.Verduyn *see* Verduyn Lunel, S.M.
Lunenborg, M.M., De Graaff, H.C., Mouthaan, A.J., Verweij, J.F. Anomalous NMOSFET substrate current behaviour at accelerated hot-carrier stress conditions 84453
Lunenborg, M.M., De Graaff, H.C., Mouthaan, A.J., Verweij, J.F. Comprehensive physical modeling of NMOSFET hot-carrier-induced degradation 115353
Lung, C. *see* Malleus, P. 91667
Lung, G. *see* Radford, W. 100114
Lung Chang Ching *see* Ching Lung Chang
Lung-Hsiung Wang, Jan-Min Chen Synchronization model for multimedia communication and presentation in distributed systems 87938
Lung-Tien Liu *see* Jianmin Li 83019
Lung-Tien Liu *see* Ming-Ter Kuo 83024
Lung-Wei Lin *see* Shi-Yow Lin 100333
Lungo, A.Del *see* Del Lungo, A.
Lungu, P.D. Transfer matrix method used for numerical simulation of the Bragg reflector at perpendicular incidence of the incident field 64779
Lungu, T. *see* Fishbein, E.F. 120780
Lungu, T.A. *see* Froidevaux, L. 120781
Lungu, T.A. *see* Lahoz, W.A. 120782
Lunii, T.L. *see* Chua, T.S. *(editor)* 112665
Lunin, R.A. *see* Brandt, N.B. 63008
Lunin, R.A. *see* Kul'bachinskii, V.A. 62725
Lunn, B. *see* Chen, P. 74407
Lunn, B. *see* Cheng, H.H. 62961
Lunn, B. *see* Mock, P. 72842
Lunn, B. *see* Ozanyan, K.B. 74168
Lunn, B. *see* Ozanyan, K.B. 74455
Lunn, B. *see* Ribayrol, A. 74142
Lunn, B.R. Ancillary services–the Northern Ireland approach [electricity supply] 91007
Lunn, T.R. *see* Perryman, R. 102492
Lunsford, J.M. Overcurrent protection of pole top distribution transformers that have tank mounted lightning arresters 121555
Lunz, U. *see* Jobst, B. 74155
Lunz, U. *see* Litz, M.T. 74160
Lunz, U. *see* Oehling, S. 74240
Lunz, U. *see* Schull, K. 96328
Lunz, U. *see* Waag, A. 92708
Lunze, J., Schiller, F. Demonstration of logic-based process diagnosis by means of an example 72316
Luo, C.P., Chin, M.K., Xu, S.J., Chua, S.J. Exciton transfer among interface islands in growth-interrupted single quantum wells 105319
Luo, C.P., Shan, Z.S., Sellmyer, D.J. Magnetic viscosity and switching volumes of annealed Fe/Pt multilayers 64368
Luo, D., King, M.A., Pan, T.-S., Xia, W. Evaluation of the effects of patient arm attenuation in cardiac perfusion imaging 101248
Luo, D.-S. *see* Pretorius, P.H. 101181
Luo, G. *see* Sun, Y. 96141
Luo, G.H. *see* Hsu, I. 89890
Luo, G.H. *see* Kuo, C.C. 79975
Luo, G.H. *see* Weng, W.T. 79872
Luo, G.M. *see* Mai, Z.H. 94361
Luo, G.P., Lu, Y.L., Lu, Y.Q., Guo, X.L., Xiong, S.B., Ge, C.Z., Zhu, Y.Y., Liu, Z.G., Ming, N.B., Wu, J.W., Ding, D.S., Lu, Z.H. $LiNbO_3$ phase gratings prepared by a single excimer pulse through a silica phase mask 107490
Luo, H., Hu, Z., Yelon, W.B., Ezekwenna, P.C., Marasinghe, G.K., James, W.J. Neutron diffraction structural studies of $Nd_2Fe_{17-x}M_xC_y$ 115511
Luo, H., Hu, Z., Yelon, W.B., Mishra, S.R., Long, G.J., Pringle, O.A., Middleton, D.P., Buschow, K.H.J. Neutron diffraction structural study of $Ce_2Fe_{17-x}Ga_x$ 75135
Luo, H. *see* Haetty, J. 103915
Luo, H. *see* Huang, Z.C. 99989
Luo, H. *see* Yelon, W.B. 115547
Luo, H. *see* Zhao, J. 89924
Luo, J., Wang, X., Chen, C.W., Parker, K.J. Volumetric medical image compression with three-dimensional wavelet transform and octave zerotree coding 90273
Luo, J. *see* Sun, Z. 97868
Luo, J. *see* Yeh, C.S. 106050
Luo, J.K. *see* Thomas, H. 105982
Luo, K. *see* Majumdar, A. 105830
Luo, K. *see* Majumdar, A. 110424
Luo, L. *see* Becker, R. 110615
Luo, M. *see* Alonso, T. 98119
Luo, M. *see* Bird, D.J. 110586
Luo, M. *see* Zhuang, B. 107647
Luo, R.C. *see* Chase, T.A. 89045
Luo, R.C. *see* Janet, J.A. 86783
Luo, R.C. *see* LeGrand, R. 77301
Luo, S. *see* Wong, S.L. 73115
Luo, W., El Zarki, M. MPEG2Tool: A toolkit for the study of MPEG-2 video transport over ATM based networks 86582
Luo, W., Karim, M.N., Morris, A.J., Martin, E.B. Control relevant identification of a pH waste water neutralisation process using adaptive radial basis function networks 70537
Luo, W. *see* Wu, Z. 116499
Luo, X., Zheng, X., Lin, Y. Theoretical study on gain and tuning characteristics of infrared-microwave pumped NH_3 FIR laser 75795
Luo, X. *see* Scandale, W. 89825
Luo, X.M. *see* Xing, Q.J. 63229
Luo, Y. *see* Lam, T.T. 75220
Luo, Y. *see* Slater, D.A. 74580
Luo, Y.C. *see* Wang, S.J. 74674
Luo, Y.J. *see* Wang, H.B. 75348
Luo, Y.L., Luk, K.M. Radiation characteristics of a parabolic cylindrical reflector antenna fed by a linear rectangular microstrip array 66100
Luo, Y.L., Luk, K.M. Radiation characteristics of a Ku-band parabolic cylindrical reflector antenna fed by an offset linear array of microstrip patches 117000
Luo An A microcomputer measuring meter for electric parameters 81181
Luo Baozhu *see* Baozhu Luo
Luo Bikai *see* Lu Jian 64939
Luo Changan *see* Den Jie 78983
Luo Chaowei *see* Guan Anmin 63261
Luo Ching-Hsing *see* Ching-Hsing Luo
Luo Chun *see* Fu Sijing 64721
Luo Chun *see* Fu Sijing 64722
Luo Chunlei *see* Xie Yongsheng 111528
Luo Der-Shan *see* Der-Shan Luo
Luo Ding *see* Ding Luo
Luo Enze, Liu Yunpeng, Liu Weidong, Chen Lujun, Zheng Maosheng Work function of a conductor reduced by its surface geometric factors 73979
Luo Enze, Liu Yunpeng, Liu Weidong, Cheng Lujun, Zheng Maosheng Modification of Fowler-Nordheim formula for actual field emitters 73943
Luo Enze *see* Liu Weidong 73936
Luo Enze *see* Liu Weidong 73980
Luo Fa-Long *see* Fa-Long Luo
Luo Falong *see* Wang Zhe 108240
Luo Guangming *see* Zhu Meifang 62773
Luo Gui-Peng *see* Gui-Peng Luo
Luo Guixiang *see* Ye Hua 73708
Luo Gwo-Huei *see* Gwo-Huei Luo
Luo He Lie *see* He Lie Luo
Luo Hui *see* Xiao Chuangbai 97823
Luo Hui *see* Hui Luo
Luo Huiping *see* Lin Zhi 116919
Luo Huiying *see* Zhao Jijiu 119972
Luo Jian *see* Jian Luo
Luo Jian-Shing *see* Jian-Shing Luo
Luo Jianhua, Lu Weixue Fuzzy multicriterion image reconstruction technology 117803
Luo Jianjun *see* Deng Xiancan 83409

Luo Jianwei *see* Zhang Qixin 80688
Luo Jiebo *see* Jiebo Luo
Luo Jinsheng *see* Gong Xiaowu 84025
Luo Jinsheng *see* Sun Xiaowei 74755
Luo Jinsheng *see* Wu Wengang 62776
Luo Jinsheng *see* Zeng Zheng 115164
Luo Jinsheng *see* Jinsheng Luo
Luo Jinzhong *see* Wang Zili 81643
Luo Jirun, Zhang Shichang Feasibility analysis of crossed-field gyrotron with low magnetic field and low voltage 62619
Luo Kui *see* Zhao Baoying 105901
Luo Liguo *see* Liguo Luo
Luo Qi *see* Zhu Shengyun 110632
Luo Qi *see* Qi Luo
Luo Qingzheng *see* Li Zuyu 69773
Luo Ruifu *see* Guo Qingding 91477
Luo Ruifu *see* Guo Qingding 121517
Luo Shen *see* Shen Luo
Luo Shu-Fang *see* Shu-Fang Luo
Luo Shufang *see* Shufang Luo
Luo Xianhan *see* Zhang Jian 119345
Luo Xiaogang *see* Xiaogang Luo
Luo Xizhang, Lin Yikun Theoretical study of miniature optically pumped cavity NH3 far-infrared laser 65050
Luo Xizhang *see* Zheng Xingshi 65049
Luo Xizhang *see* Zheng Xingshi 75788
Luo Xizhang *see* Xizhang Luo
Luo Yan *see* Yan Luo
Luo Yansheng *see* Yansheng Luo
Luo Yi *see* Yi Luo
Luo Ying-Che *see* Ying-Che Luo
Luo Yongfeng *see* Wang Jinchuan 69823
Luo Yongjan *see* Zhang Guangzhao 69485
Luo Yongjian *see* Ye Hua 73708
Luo Yourong *see* Yourong Luo
Luo Yue *see* Xu Xibin 117934
Luo Yuguang *see* Yuguang Luo
Luo Yushan *see* Zheng Tianxue 121363
Luo Zhenwei *see* Zhenwei Luo
Luo Zhi-Quan *see* Zhi-Quan Luo
Luo Zongnan *see* Pan Laigen 96109
Luo Zun-du *see* Zun-du Luo
Luogang Wei *see* Guoyou Wang 67386
Luogang Wei *see* Nong Sang 66915
Luogu Yao *see* Yao Luogu
Luoh Shyan-Wen *see* Shyan-Wen Luoh
Luoheng Han Spectrometry of turbidity in surface water 120875
Luomi, J., Hellsing, J., Lindstrom, J., Arkkio, A. Design and analysis of electrical motors for a hybrid electric vehicle 91909
Luomi, J. *see* Touma, M. 91383
Luoming Meng *see* Meng Luoming
Luong, D.Q. *see* Bachmann, C.M. 111185
Luong, H. *see* Chen, T.R. 65215
Luong, H.T., Marechal, Y., Meunier, G. Computation of 3-D current driven eddy current problems using cutting surfaces 107784
Luong, M. *see* Junquera, T. 100495
Luong, M. *see* Maissa, S. 73971
Luong, M. *see* Maquin, D. 79229
Luong, Q.-T. *see* Zang, Z. 98144
Luong, T. *see* Goodman, J. 97098
Luongo, C.A. Superconducting storage systems: an overview 103039
Luor Tain-Syh *see* Tain-Syh Luor
Luorui Sun *see* Sun Luorui
Lupascu, A., Kevorkian, A., Boudet, T., Saint-Andre, F., Persegol, D., Levy, M. Modeling ion exchange in glass with concentration-dependent diffusion coefficients and mobilities 85068
Lupash, L. *see* Jokerst, S. 80724
Lupei, A., Lupei, V., Tiseanu, C. Spectroscopic data on 2-µm laser systems 75909
Lupei, A. *see* Lupei, V. 75908
Lupei, A. *see* Lupei, V. 85410
Lupei, A. *see* Lupei, V. 107180
Lupei, V., Georgescu, S. Erbium 3-µm laser as an upconversion system 75910
Lupei, V., Lupei, A. Emission quantum efficiency and heating effects in YAG:Nd^{3+} lasers 75908
Lupei, V., Lupei, A., Boulon, G. Characteristics of sensitized emission in laser crystals 85410
Lupei, V., Lupei, A., Ursu, I. The heating effects and concentration quenching of Nd:YAG 107180
Lupei, V. *see* Dascalu, T. 75907
Lupei, V. *see* Lupei, A. 75909
Lupei, V. *see* Pavel, N. 76086
Lupei, V. *see* Pavel, N. 107406
Lupei, V. *see* Pavel, N. 116581
Lupi, S. *see* Dughiero, F. 71900
Lupi, S. *see* Dughiero, F. 82003
Lupi, S. *see* Dughiero, F. 96948
Lupianez, J.M. *see* Lagares, A. 71063
Lupinsky, D. *see* Zondy, J.-J. 96684
Lupo, G., Miano, G., Tucci, V., Vitelli, M. Field distribution in cable terminations from a quasi-static approximation of the Maxwell equations 91204
Lupo, G., Petrarca, C., Spagnuolo, G., Tucci, V., Vitelli, M. Design and experiments on vacuum bushings for HV apparatuses 81375
Lupo, G., Tucci, V., Vitelli, M. Stress control tubes for HV cable terminations with linear and non-linear characteristics: theoretical and experimental approaches 81129
Lupo, G. *see* Femia, N. 70952
Lupp, F. *see* Wesner, D.A. 94103
Luppi, C. *see* Di Capua, E. 110598
Luppino, G.A. *see* Miyazaki, S. 100136
Luppov, V.G., Blinov, B.B., Bywater, J.A., Chin, S., Churakov, V.V., Court, G.R., Kaufman, W.A., Kleppner, D., Krisch, A.D., Melnik, Yu.M., Muldavin, J.B., Nurushev, T.S., Price, J.S., Prudkoglyad, A.F., Raymond, R.S., Shutov, V.B., Stewart, J.A. Status on the Michigan-MIT ultra-cold polarized hydrogen jet target 120085
Luptak, M. *see* Antinori, F. 120156
Lupton, E.C., Jr. *see* Jackson, D.K. 121826
Lupton, M.J., Leung, A.S.M., Carter, D.J. Advances in lighting design methods for nonempty interiors: a review 112602
Lupu, A.T. *see* Syrbu, A.V. 76041
Luque, A., Moehlecke, A., Lagos, R., Del Canizo, C. Segregation model for Si gettering by Al 83789
Luque, J., Gomez, I. The role of medium access control protocols in SCADA systems 98677
Luque, J., Gomez, I., Escudero, J.I. Determining the channel capacity in SCADA systems using polling protocols [power system telecontrol] 70729
Luque, J. *see* Leon, C. 101875
Luque, W.Machaca *see* Machaca Luque, W.
Luquet, H. *see* Perotin, M. 114889
Lur, W. *see* Ching-Fa Yeh 113398
Lurie, D.J. *see* McCallum, S.J. 90319
Lurng-Kuo Liu, Feig, E. A block-based gradient descent search algorithm for block motion estimation in video coding 97904
Lurong Guo *see* Jianhua Zhu 96814
Lurton, X. *see* Augustin, J.M. 111249
Luryi, S. *see* Belenky, G.L. 96361
Luryi, S. *see* Gorfinkel, V. 65370
Luryi, S. *see* Gorfinkel, V. 107352
Luryi, S. *see* Gorfinkel, V.B. 116550
Luryi, S.L. *see* Belenky, G.L. 96289
Luscher, P. *see* Hongching Shan 63334
Luscher, P.E. *see* Welch, M.E. 114921
Luscher, R. *see* Hadorn, P. 102908
Luscher, S. *see* Gulden, K. 96848
Luschi, C. *see* Spalvieri, A. 77547
Luscombe, A.P., Gray, R., Shepherd, N., Srivastava, S., Meier, D., Jefferies, W. Early images from the RADARSAT synthetic aperture radar 120733
Luscombe, A.P. *see* Srivastava, S.K. 120726
Luse, C.N., Zangwill, A. Dynamic hysteresis of two-dimensional magnetic islands with uniaxial anisotropy 64181
Lushcheikin, G.A. Temperature dependence of the piezoelectric, mechanical, and dielectric characteristics of rubber-elastic piezoelectric composites 64084
Lusheng Wang, Gusfield, D. Improved approximation algorithms for tree alignment 98251
Lusignan, B. *see* Shen, D.H. 78465
Lusis, A. *see* Vaivars, G. 119776
Lusk, R. MediaWare/MicroWare: Integration of HF systems into a global multimedia communications network 98854
Luski, S. *see* Aurbach, D. 81660
Luss, D. *see* Lin Sychyi 75331
Lussignol, Y. *see* Chehab, R. 89714
Lusson, A. *see* Guillemoles, J.-F. 61316
Lusson, A. *see* Qu'Hen, B. 74179
Lustrac, A.de *see* de Lustrac, A.
Lusvarghi, R. *see* Bortoni, G. 91097
Luterova, K. *see* Kocka, J. 94293
Luterova, K. *see* Linnros, J. 96016
Lutfiyya, H.L. *see* Katchabaw, M.J. 98578
Lutgen, S. *see* Marschner, T. 61299
Lutgen, S. *see* Marschner, T. 114759
Lutgen, S. *see* Sueptitz, M. 107221
Lutgen, S. *see* Volk, M. 63043
Lutgert, S. *see* Becker, U. 83763
Luth, H. *see* Appenzeller, J. 63826
Luth, H. *see* Horstmann, M. 89103
Luth, H. *see* Horstmann, M. 100045
Luth, H. *see* Lauter, J. 80070
Luth, H. *see* Lauter, J. 101031
Luth, H. *see* Leuther, A. 62808
Luth, H. *see* Leuther, A. 63775
Luth, H. *see* Loni, A. 95742
Luth, H. *see* Schmidt, T. 62952
Luth, H. *see* Schonhut, J. 63078
Luth, H. *see* Schoning, M.J. 89046
Luth, H. *see* Thonissen, M. 105652
Luther, B. *see* Staffa, J. 63360
Luther, G.G. *see* Hughes, R.J. 97510
Luther, H., Grohmann, K., Fellmuth, B. Determination of thermodynamic temperature and ^{4}He virial coefficients between 4.2 K and 27.0 K by dielectric constant gas thermometry 119933
Luther, K., Graml, B. Joining hands in memory development 113946
Luther, L.C. *see* Kojima, K. 75991
Luther, S. *see* Schikora, D. 61233
Luther, S. *see* Schikora, D. 72789
Luther-Davies, B., Samoc, M., Swiatkiewicza, J., Samoc, A., Woodruff, M., Trebino, R., Delong, K.W. Diagnostics of femtosecond laser pulses using films of poly(p-phenylenevinylene) 116618
Luther-Davies, B. *see* Beltrami, D.R. 75657
Luther-Davies, B. *see* Krolikowski, W. 76184
Luther-Davies, B. *see* Krolikowski, W. 116720
Luther-Davies, B. *see* Samoc, M. 116647
Luther-Davies, B. *see* Tikhonenko, V. 76134
Luther-Davies, B. *see* Tikhonenko, V. 76139
Luther-Davies, B. *see* Tikhonenko, V. 96658
Luthi, E., Casseau, E. High rate soft output Viterbi decoder 76738
Luthier, R. *see* Lorenz, H. 84637
Luthon, F. *see* Caplier, A. 117655
Luthra, A. *see* Horne, C. 67452
Lutjens, G. *see* Mours, B. 100821
Lutjering, G., Richter, K., Weiss, D., Mao, J., Blick, R.H., von Klitzing, K., Foxon, C.T. Weak localisation in ballistic cavities filled with antidot arrays 105420
Lutjering, G., Weiss, D., Tank, R.W., von Klitzing, K., Hulsmann, A., Jakobus, T., Kohler, K. Metal-non-metal transition at the crossover from antidots to quantum dots 105431
Lutjering, G. *see* Smet, J.H. 105235
Lutke, W. *see* Roth, B. 100284
Lutke, W. *see* Tempel, R. 83457
Lutke, W. *see* Tempel, R. 83485
Lutkenhaus, N. Security against eavesdropping in quantum cryptography 97402
Lutkenhoner, B. Current dipole localization with an ideal magnetometer system 120367
Luton, M.H. *see* Joulie, R. 91202
Lutovac, M.D., Rabrenovic, D.M. Exact determination of the natural modes of some Cauer filters by means of a standard analytical procedure 73523
Lutovac, M.D. *see* Milic, L.D. 114089
Lutsch, W., Herberholz, P. Power plant services–new methods for cost-effective operation and training 81189
Lutsenko, A.V. *see* Barysheva, N.M. 116331
Lutsyk, A.Yu. *see* Geche, F.E. 66911
Lutter, P., Muller-Reinhart, M., Ramharter, J., Rattay, F., Slowik, P. Speech research with WAVE-GL 117277
Lutton, E., Martinez, P. A genetic algorithm with sharing for the detection of 2D geometric primitives in images 67325
Luttrell, S.P. A discrete firing event analysis of the adaptive cluster expansion network 76728
Lutz, C.R., Jr. *see* Dai, D. 62301
Lutz, D.G. Updating cleanroom certification specifications 115273
Lutz, D.R., Jayasimha, D.N. Comparison of two's complement numbers 61737
Lutz, E. A Markov model for correlated land mobile satellite channels 109597
Lutz, E. *see* Bischel, H. 109537
Lutz, F. *see* Vasseghi, N. 73439
Lutz, F.C., Schachterle, L. Projects in undergraduate engineering education in America 72145
Lutz, G. Effects of deep level defects in semiconductor detectors 110545
Lutz, G. *see* Brauninger, H. 90702
Lutz, G. *see* Cesura, G. 110581
Lutz, G. *see* Goessling, C. 110549
Lutz, G. *see* Mours, B. 100821
Lutz, G. *see* Mours, B. 120196
Lutz, G. *see* Richter, R.H. 110564
Lutz, G. *see* Wunstorf, R. 110550
Lutz, W. Fabricated ducting system reduces cost complexity 62400
Lutzenberger, W. *see* Anokhin, A.P. 110823
Lutzenberger, W. *see* Pulvermuller, F. 101362
Lutzenberger, W. *see* Wright, J.J. 101391
Luu, D.Van *see* Van Luu, D.
Luukkala, M. *see* Ermolov, V. 104246
Luukkala, M. *see* Stor-Pellinen, J. 84850
Luvall, J. *see* Schiller, S. 120725
Luvison, A., Napolitano, A., Roso, G. Access network evolution: Services and techniques 98912
Lux, A.E. *see* Gela, G. 102187
Lux, B. *see* Spicka, H. 72931
Lux, R. *see* Sawillion, M. 102415
Lux, R.A. *see* Folkes, P.A. 115242
Lux, R.A. *see* Georges, J.B. 78946
Lux, R.A. *see* Georges, J.B. 99502
Lux, R.A. *see* Georges, J.B. 99582
Luxmoore, A.R. *see* Henry, R. 69249
Luxom, J. *see* Deis, G. 106719
Luxon, J.L. *see* Leuer, J.A. 106712
Luy, J.-F. *see* Rheinfelder, C. 83456
Luy, J.-F. *see* Rheinfelder, C. 83484
Luy, J.-F. *see* Singer, M. 83458
Luy, J.-F. *see* Singer, M. 93874
Luy, J.F. *see* Gotzfried, R. 86015
Luy, J.F. *see* Rheinfelder, C.N. 114334
Luy, J.F. *see* Wollitzer, M. 79006
Luyando, L. *see* De Blas, P. 110867
Luybina, I. *see* Borenstain, S.I. 79421
Luypaert, R. *see* de Bisschop, E. 69985
Luysberg, M. *see* Hapke, P. 92878
Luzanov, V.A. *see* Stepanov, G.V. 85261
Luzhkov, A.A. *see* Bursian, E.V. 116718
Luzio, S.Di *see* Di Luzio, S.
Luzon, J. *see* Abbond, S. 80400
Luzuriaga, D. *see* Balaban, M. 117613
Luzyanina, T., Roose, D. Numerical stability analysis and computation of Hopf bifurcation points for delay differential equations 92622
L'vov, A.A., Morzhakov, A.A. Statistical estimation of the complex reflection coefficient of microwave loads using a multiport reflectometer 93771
Lvov, A.E. *see* Starodubrovsky, R.K. 62213
L'vov, L.V. *see* Vasiliev, A.S. 116327
L'vov, V.A. *see* Barabanov, A.V. 105090
L'vova, N.A. *see* Akimov, B.A. 114670
Lvovsky, Y. *see* Deis, G. 106719
Lwo, B.J. *see* Tiersten, H.F. 95328
Ly, F. *see* Comes, G. 110613

Lyach, A. *see* Arsenyan, T. 120755
Lyahou, K.F., van der Horn, G., Huijsing, J.H. A non-iterative, polynomial, 2-dimensional calibration method implemented in a microcontroller 110089
Lyakhnovich, A.V. *see* Sinitsyn, G.V. 85725
Lyakhov, G.A. *see* Boyarchuk, K.A. 101578
Lyakhov, G.A. *see* Suyazov, N.V. 80662
Lyakhov, M. *see* Koops, H.W.P. 105807
Lyakhovich, T., Umpelev, A., Flerova, G. Optimal texture of magnetic recording media 115679
Lyakhovich, T.K., Kadykova, G.N. Coercivities of different recording media types for ion-beam-deposited and annealed samples 106533
Lyakhovitskaya, V. *see* Chernyak, L. 105107
Lyakhovitskaya, V. *see* Lyubomirsky, I. 74239
Lyakhovitskaya, V. *see* Lyubomirsky, I. 94478
Lyalikov, A.M. Double-exposure holographic recording of information in studies of the macrorelief of diffusely scattering surfaces by fringe projection method 76284
Lyalikov, A.M. Application of shift interferometry for visualizing the surface shape of objects with a periodic structure 77187
Lyalikov, A.M. *see* But', A.I. 67401
Lyalin, A.A. *see* Dolgaev, S.I. 94796
Lyalin, A.A. *see* Dolgaev, S.I. 104177
Lyalin, A.A. *see* Gvozdev, V.I. 83545
Lyan, P. *see* Dijon, J. 107451
Lyan, P. *see* Hue, J. 107454
Lyan, P. *see* Hue, J. 107455
Lyan Chin Hung *see* Chin Hung Lyan
Lyanda-Geller, Y. *see* Johnston, S.W. 83893
Lyandres, V. *see* Kontorovich, V. 97739
Lyapin, S. *see* Klipstein, P.C. 103844
Lyashko, S.I. Numerical solution of pseudoparabolic equations 61048
Lybanon, M. Maltese Front variability from satellite observations based on automated detection 111282
Lyberatos, A. *see* Earl, J. 75237
Lyberatos, A. *see* Earl, J.S. 106589
Lychagin, A.A. *see* Demenkov, V.G. 80127
Lyden, C. *see* Kelly, G. 60607
Lyding, J.W., Hess, K., Kizilyalli, I.C. Reduction of hot electron degradation in metal oxide semiconductor transistors by deuterium processing 63654
Lyding, J.W., Shen, T.-C., Abeln, G.C., Wang, C., Tucker, J.R. Nanoscale patterning and selective chemistry of silicon surfaces by ultrahigh-vacuum scanning tunneling microscopy 84250
Lydon, J.M., Rykers, K.L. Beam profiles in the nonwedged direction for dynamic wedges 90575
l'Yee Hyeokjae *see* Hyeokjae l'Yee
Lyell, M. Point of use inventory system gives OEMs added value 82136
Lyell, M. Point-of-use material delivery [PCB manufacture] 114430
Lygdis, A.D. *see* Pastos, D.A. 70773
Lyke, J.C. *see* Muller, L. 80558
Lykke, K.R. *see* Spence, D. 69693
Lykke, K.R. *see* Spence, D. 90096
Lykke Danielsen, S. *see* Durhuus, T. 78878
Lykouropoulos, N. *see* Mitrou, N. 118208
Lyle, R., Kuo, S.P., Huang, J. The spectral effect of the density irregularities on the scintillation index of transionospheric signals 116921
Lyman, J.W., Palmer, G.R. Recycling of nickel-metal hydride battery scrap 71673
Lyman, P.F., Bedzyk, M.J. Surfactant-mediated epitaxy of metastable SnGe alloys 92734
Lymberopoulos, D., Wise, R., Economou, D. Modeling and simulation of two-dimensional reactive plasma flow in inductively coupled reactors 63405
Lyn, R. *see* Lowe, H. 92220
Lynch, B. *see* Marrs, R. 92226
Lynch, C.S. The effect of uniaxial stress on the electro-mechanical response of 8/65/35 PLZT 115413
Lynch, D. *see* Solomon, L. 96475
Lynch, F. The power surface mount package 82225
Lynch, J. Continuously molded pin headers [PCB interconnects] 83630
Lynch, J.J. *see* Tsai, H.S. 73643
Lynch, M.T. *see* Rees, D.E. 110524
Lynch, S. *see* Egan, A. 65306
Lynch, S. *see* Egan, A. 75979
Lyndin, N.M., Nurligareev, D.Kh., Sychugov, V.A. Directional coupler based on bent channel waveguides formed by K^+-ion diffusion in glass 75535
Lyndin, N.M. *see* Loktev, S.M. 84967
Lyne, A.G. *see* Manchester, R.N. 99704
Lyngsjo, G. Safety standards in the nuclear power plants of Sydkraft of Sweden 71069
Lynn, F.M., Malking, M. Citizens, engineers and air toxics: public participation in technology-based standard setting 92357
Lynn, K.G. *see* Jacobsen, F.M. 84184
Lynn, K.G. *see* Nelson, A.J. 103011
Lynn, K.G. *see* Parnham, K.B. 100830
Lynn, K.W. *see* Dhere, N.G. 92940
Lynn, L. *see* Sheng, S. 78537
Lynn, M.J. *see* Jones, R. 107627
Lyo, S.K., Jones, E.D., Klem, J.F. Suppression of direct-transition phonon side bands in the magnetoluminescence from doped quantum wells 74416
Lyo, S.K. *see* Lin, S.-Y. 74358
Lyo, S.K. *see* Lin, S.-Y. 95918
Lyon, C.E. *see* Olsen, R.G. 85801
Lyon, D. *see* DeWitt, T. 72332
Lyon, D.E., Sherman, P.J. On the identification of harmonic signal fields convergence method in an arbitrary noise field using the 1-D MV spectrum 108316
Lyon, G.M., Yu, Z.Z., Peyton, A.J., Beck, M.S. Developments in electro-magnetic tomography instrumentation 99839
Lyon, R.H. *see* Jangbom Chai 91697
Lyon, S. *see* Grayson, M. 62978
Lyon, T. *see* Bartos, A.L. 113595
Lyon, T. *see* Newman, P. 87803
Lyon, T.J.De *see* De Lyon, T.J.
Lyong Sun Pu *see* Tomono, T. 76169
Lyons, A.M., Dahringer, D.W., Billings, R.L. Printed circuit board magnetics: a new approach to the mass production of toroidal transformers 83561
Lyons, B.N., Bosisio, A.V. A 20/30/50 GHz radiometer for use in the ITALSAT propagation experiment 65837
Lyons, C., Grammer, W., Katzin, P., Shifrin, M. Electronic antenna matching 117105
Lyons, D.P. *see* Kihm, K.D. 108699
Lyons, J.J., III *see* Parker, J.E., Jr. 70326
Lyons, M. Controlling energy losses in the distribution power network 91138
Lyons, M.R., Balanis, C.A. Transient coupling reduction and design considerations in edge-coupled coplanar waveguide couplers 62174
Lyons, M.R., Polycarpou, A.C., Balanis, C.A. On the accuracy of perfectly matched layers using a finite element formulation 85937
Lyons, M.R. *see* Polycarpou, A.C. 83486
Lyons, M.R. *see* Polycarpou, A.C. 97278
Lyons, M.R. *see* Polycarpou, A.C. 114322
Lyons, P.A. Access to digital representations of color images: a copyright and communications law perspective 67335
Lyons, P.F. *see* Gela, G. 102187
Lyons, P.G. A novel design for sealing cable ducts 121217
Lyons, P.G. *see* Haverkamp, W.B. 121212
Lyons, P.J. *see* Pearson, M.W. 113655
Lyons, P.W. *see* Gaylord, W.J. 109904
Lyons, S. *see* Whitham, K. 79804
Lyons, S. *see* Whitham, K. 89719
Lyons, S.P. Environmental regulation case study: thermal pollution and the Paradise power plant 102460
Lyons, W. *see* Dowden, R. 90813
Lyons, W.A. *see* Dowden, R.L. 107881
Lyons, W.G., Arsenault, D.R., Anderson, A.C., Sollner, T.C.L.G., Murphy, P.G., Seaver, M.M., Boisvert, R.R., Slattery, R.L., Ralston, R.W. High temperature superconductive wideband compressive receivers 93777
Lyou Joon *see* Joon Lyou
Lyra, M.L. *see* De Moura, F.A.B.F. 96610
Lyras, P. *see* Kalogeras, A. 67759
Lysaght, P., Stockwood, J. A simulation tool for dynamically reconfigurable field programmable gate arrays 93315
Lysenko, V.V. *see* Keilin, V.E. 103042
Lysenko, W.P. *see* Johnson, K.F. 89732
Lysenko, W.P. *see* Yuan, V.W. 89733
Lysheim, D. *see* Carlsen, T.H. 81000
Lysikov, A.Y. *see* Glova, A.F. 85378
Lysikov, A.Yu. *see* Glova, A.F. 85363
Lysko, V.V., Davydov, N.I., Bilenko, V.A., Safronnikov, S.A., Sviderskii, A.G. Automation of power-generating units 121265
Lysko, V.V., Moseev, G.I., Shvarts, A.L., Petrosyan, R.A., Gutorov, V.F. New-generation coal-fired steam-turbine power units 121356
Lyskovich, O.B., Novosad, S.S., Kravchuk, O.Ya., Kovalyuk, R.O., Duzinsky, R.E. Photochemical reactions, optical and luminescence properties of $CdBr_2$:CuCl crystals 107539
Lysonski, R. *see* Smith, E.F., III 62411
Lyssenko, V.G. *see* Birkedal, D. 107558
Lyssenko, V.G. *see* Birkedal, D. 114728
Lyssenko, V.G. *see* Erland, J. 62939
Lysyi, B.M., Vladimirov, V.L., Kolpak, B.V., Kugasyan, I.V. Calibration of high-resistance measures with the aid of two low-resistance coils 99825
Lyszczarz, T.M. *see* Geis, M.W. 73938
Lyszczarz, T.M. *see* Geis, M.W. 83707
Lyszio, W. Improving the heat dissipation of multilayer ceramic modules by the use of CBGA connections on HTCC and LTCC 60642
Lythe, M.B. *see* Gao, J. 101511
Lytkina, T.A. *see* Tseitlin, M.B. 62617
Lytle, C. FLEX 8000 programmable logic devices 61748
Lytle, D.W. *see* Tremblay, R.J. 68709
Lytle, S.A. *see* Kizilyalli, I.C. 106227
Lyu, G.Y. *see* Park, C.S. 78651
Lyu Seung-Heon *see* Seung-Heon Lyu
Lyu Yentang *see* Lee Chingting 82653
Lyubarsky, A.V. *see* Batovrin, V.K. 64966
Lyubchenko, V.E. *see* Volkov, L.V. 73704
Lyubimov, V.V. *see* Danilov, O.B. 107117
Lyubimov, V.V. *see* Danilov, O.B. 116612
Lyubin, V. *see* Eisenberg, N.P. 95912
Lyubomirsky, I., Lyakhovitskaya, V., Guillemoles, J.F., Riess, I., Triboulet, R., Cahen, D. Evidence for thermodynamically stable p/n junction, formed by Ag doping of (Hg,Cd)Te 94478
Lyubomirsky, I., Lyakhovitskaya, V., Triboulet, R., Cahen, D. Diffusion of Ag in Cd-rich mercury, cadmium telluride $Cd_xHg_{1-x}Te$ (x=0.55-0.8) 74239
Lyul Min Sang *see* Sang Lyul Min
Lyul'kin, A.E. On testing of CMOS logical circuits 61810
Lyulkina, A.E. On test construction for mixed logic circuits 113917
Lyumkis, E. *see* Apanovich, Y. 63522
Lyutetskii, A.B. *see* Shcherbakov, A.S. 84964
Lyutskanov, V.L. *see* Mouchovski, J.T. 72745
Lyuu Gau-Ming *see* Gau-Ming Lyuu
Lyzenga, D. *see* Askari, F. 120848
Lyzenga, D.R. SAR response to spatially and temporally varying wind fields 111237
Lyzenga, D.R. Effects of wave breaking on SAR signatures observed near the edge of the Gulf Stream 111291
Lyzenga, D.R., Malinas, N.P. Azimuth falloff effects in two-antenna SAR measurements of ocean wave spectra 90829
Lyzenga, D.R. *see* Walker, D.T. 111244

M., H.Tapia *see* Tapia M., H.
M, R.Carrera *see* Carrera M, R.
M., S.Rios *see* Rios M., S.
M. El-Samahy, A.El-Shakour *see* El-Shakour M. El-Samahy, A.
M-Rouhani, B. *see* Byne, J.H.M. 97953
Ma, A., Cartledge, J.C., Lassen, H.E. Performance implications of the thermal-induced frequency drift in fast wavelength switched systems with heterodyne detection 78893
Ma, B., Park, J.-H., Segre, C.U., Balachandran, U. Electronic/ionic conductivity and oxygen diffusion coefficient of the Sr-Fe-Co-O system 112323
Ma, B. *see* Holstein, D. 93764
Ma, B.M., Liang, Y.L., Patel, J., Scott, D., Bounds, C.O. The effect of Fe on the temperature dependent magnetic properties of $Sm(Co,Fe,Cu,Zr)_z$ and $SmCo_5$ sintered magnets at 450°C 115507
Ma, B.M. *see* Chang, W.C. 115545
Ma, B.M. *see* Liu, W.L. 75141
Ma, B.M. *see* Scott, D.W. 64251
Ma, B.M. *see* Scott, D.W. 64312
Ma, C.-W., Teng, C.-C. The noise-dragging phenomenon of IQML algorithm for direction-of-arrival estimation 97863
Ma, C.L. *see* Hossain, Z. 113724
Ma, C.L. *see* Talwalkar, N. 115154
Ma, C.L.F., Deen, M.J., Tarof, L.E. A fast and accurate method of extracting two critical device parameters of SAGCM InP/InGaAs avalanche photodiodes 64924
Ma, C.L.F., Deen, M.J., Tarof, L.E. Multiplication in SAGCM InP-InGaAs avalanche photodiodes 85286
Ma, C.S., Hau, S.K., Wong, K.H., Chan, P.W., Choy, C.L. The role of ambient gas scattering effect and lead oxide formation in pulsed laser deposition of lead-zirconate-titanate thin films 113413
Ma, D.A. *see* Woody, C.L. 100895
Ma, D.A. *see* Zhu, R.Y. 100811
Ma, D.I. *see* Waytena, G.L. 94822
Ma, D.X., Hanawa, H., Ye, Y., Loewenhardt, P.K., Webb, T.R., Zhao, A., Shiau, J., Mak, S., Papanu, J., Yin, G.Z. Metal etch technology for sub-half-micron devices 114917
Ma, D.X. *see* Krishnan, S. 105673
Ma, E. *see* Galhotra, V. 74909
Ma, F., Xu, C.L., Huang, W.P. Wide-angle full vectorial beam propagation method 65925
Ma, F. *see* Gan, Y.P. 72285
Ma, G.-K. *see* Wu, C.-S. 99002
Ma, H.L., Zhang, D.H., Win, S.Z., Li, S.Y., Chen, Y.P. Electrical and optical properties of F-doped textured SnO_2 films deposited by APCVD 94376
Ma, J., Huang, R., Kunii, T.L. Fidelity and distortion in multimedia synchronization modeling 118563
Ma, J., Li, Y.-S. Fiber Raman background study and its application in setting up optical fiber Raman probes 79472
Ma, J. *see* Lewis, O.C. 121148
Ma, J. *see* Zaleta, D. 85343
Ma, J.C., Rodriguez, J.J. MR image segmentation using a fuzzy-based neural network 69961
Ma, J.G., Chen, Z. A new method for solving 2-D Laplacian equation 107720
Ma, J.G., Chen, Z. Solitary electromagnetic waves in non-Kerr-like nonlinear media 107993
Ma, J.M. *see* Barabanov, I.R. 110568
Ma, J.T., Lai, L.L. Optimal reactive power dispatch using evolutionary programming 101977
Ma, J.T., Lai, L.L. Evolutionary programming approach to reactive power planning 101993
Ma, J.T. *see* Lai, L.L. 90931
Ma, J.T. *see* Lai, L.L. 91103
Ma, J.T. *see* Lai, L.L. 101906
Ma, J.T. *see* Lai, L.L. 111893
Ma, K. *see* Jiang, M. 89418
Ma, K. *see* Shao, X. 89419

Ma, L. *see* Wen, S.J. 81712
Ma, L.-S. *see* Dube, P. 107594
Ma, L.P., Li, H.C., Wang, R.L., Li, L. Apparatus for detecting the homogeneity of large area high-T_c superconducting thin films 69548
Ma, M.P., Lin, C.T., Cheng, H.C. Fabrication of Ti and Co silicided shallow junctions using novel techniques 94459
Ma, Q., Steenkiste, P., Zhang, H. Routing high-bandwidth traffic in max-min fair share networks 118163
Ma, Q.S., Shao, K.R., Lavers, J.D. Axisymmetrical magnetostatic field computation by a hybrid finite element-series method 116817
Ma, Q.S., Shao, K.R., Li, L.R. Axisymmetrical eddy current field computation by a hybrid finite element–series method 107787
Ma, Q.Y. *see* DeGroot, D.C. 114181
Ma, Q.Y. *see* Hong, S.H. 106645
Ma, S., McVittie, J.P. Characterization of plasma surface charging using a real-time on-wafer probe 63401
Ma, S., McVittie, J.P. Prediction of plasma charging induced gate oxide tunneling current and antenna dependence by plasma charging probe 105634
Ma, S. *see* Abdel-Ati, W.L.N. 63365
Ma, S. *see* Holmes, R.B. 77196
Ma, S.-M. *see* Friedmann, J.B. 63134
Ma, S.-Y. *see* Spanos, C.J. 63510
Ma, S.M. *see* Friedmann, J.B. 105670
Ma, T.C. *see* Jin, S. 114864
Ma, T.P. *see* Mallik, A. 74480
Ma, W., Aoyama, S., Okamoto, H., Hamakawa, Y. A study of interface properties in a-Si solar cells with μc-Si(C) 103019
Ma, W.Y., Manjunath, B.S. Texture features and learning similarity 86411
Ma, W.Y. *see* Manjunath, B.S. 98228
Ma, X., Chu, P.L. Design of temperature-compensated elliptical core birefringent fibres 106808
Ma, X. *see* Durandet, A. 75546
Ma, X. *see* Gatzen, H.H. 115763
Ma, X. *see* Zeng, G. 88000
Ma, Y., Green, M.L. Integrated pre-gate dielectric cleaning and surface preparation 84176
Ma, Y., Liu, B.Y.H., Lee, H.S., Mauersberger, K., Morton, J. Characterization of contaminant outgassing from the detection module Mylar assembly used in the proton decay experiment 120170
Ma, Y. *see* Roy, P.K. 84130
Ma, Y. *see* Wahl, E.H. 72929
Ma, Y.D. *see* Wu, B.-G. 89345
Ma, Y.R. *see* Cui, J.B. 82747
Ma, Z., Allen, L.H. Manipulation of the Ti/Si reaction paths by introducing an amorphous Ge interlayer 84210
Ma, Z., Yamashita, E. Comparative studies of discontinuities in single and double layered conductor-backed coplanar waveguides 93659
Ma, Z.G. *see* Lu, Z.W. 96619
Ma, Z.H. *see* Sou, I.K. 114896
Ma Bao-An *see* Bao-An Ma
Ma Baohua *see* Liu Zhanwen 110531
Ma Baohua *see* Baohua Ma
Ma Bu-Cheng *see* Zhu Guo-Hong 80215
Ma Ce *see* Ce Ma
Ma Chao *see* Zhao Yunfeng 80932
Ma Chi Sing *see* Low Chee Meng 78385
Ma Dongge, Shi Jiawei, Liu Mingda, Gao Dingsan Characteristics investigation and optimum design of superluminescent diode with window absorber structure 64977
Ma Dye-Jyun *see* Dye-Jyun Ma
Ma Fukang *see* Wang Siqing 72859
Ma Fulong *see* Lei Zhenjia 87887
Ma Gin-Kou *see* Gin-Kou Ma
Ma Ginkou *see* Ginkou Ma
Ma Guo-Bin *see* Guo-Bin Ma
Ma Haili *see* Haili Ma
Ma Haiwu *see* Haiwu Ma
Ma Hezhong *see* Yang Yiqian 72964
Ma Hongfei, Fan Changxin An 8000 bit/s speech coder with ternary vector sum excitation 86124
Ma Honglei *see* Ma Jin 105171
Ma HuaiJian *see* HuaiJian Ma
Ma Hui *see* Hui Ma
Ma Jian *see* Jian Ma
Ma Jian-Guo *see* Jian-Guo Ma
Ma Jianchang *see* Jianchang Ma
Ma Jianfeng, Wang Xinmei Fault tolerant DCT based on coding theoretical viewpoint 86162
Ma Jianfeng *see* Yu Jianping 108124
Ma Jianglei, Yang Hongsheng, Lu Zhongzuo The single mode operation range of circular groove guide 65972
Ma Jianjun *see* Jianjun Ma
Ma Jianwei *see* Yuan Zhenyu 110151
Ma Jimao *see* Rong Gang 120206
Ma Jin, Ji Feng, Ma Honglei, Li Shuying Electrical and optical properties of ZnO:Al films prepared by an evaporation method 105171
Ma Jing, Tan Liying, Xu Guozhong The signal emitting and receiving system for direct optical intersatellite communications 109596
Ma Jing *see* Shi Jiawei 75968
Ma Jingfei *see* Jingfei Ma
Ma Jixun *see* Jixun Ma
Ma Jun *see* Jun Ma
Ma Junfu *see* Zhu Yanbin 69969
Ma Kai *see* Jianq Min 95881
Ma Kai *see* Kai Ma
Ma Ki *see* Ki Ma
Ma Kun *see* Liu Jianzhuang 108399
Ma Li *see* Lei Zhenjia 87887
Ma Lizhuang, Peng Qunsheng, Feng Jieqing Explicit formulas for bicubic spline surface interpolation 60923
Ma Long-Sheng *see* Long-Sheng Ma
Ma Min *see* Zhang Zhijian 109315
Ma Ming *see* Friedman, M. 113067
Ma Ming *see* Kandel, A. 113066
Ma Nianzu *see* Shen Jianwei 111693
Ma Ning *see* Ning Ma
Ma Pingxi *see* Pingxi Ma
Ma Qi-Shuang *see* Qi-Shuang Ma
Ma Qinghua *see* Bao Minhang 84181
Ma Renming *see* Cai Hanshen 81601
Ma Renxiang *see* Jianq Min 95881
Ma Ronxiang *see* Ronxiang Ma
Ma Ruzhang *see* Pan Shuming 64192
Ma Shang-Yi *see* Shang-Yi Ma
Ma Shaoje *see* Hong Peizhi 64740
Ma Shaojie, Zhao Wei, Fu Shaojun, Lu Ping, Wang Xianxu Investigation of monolithic integrated waveguide demultiplexer 64776
Ma Shilin *see* Tan Dun 89489
Ma Sing De *see* Sing De Ma
Ma Siu Lun *see* Siu Lun Ma
Ma Song De *see* Song De Ma
Ma Songde *see* Li Li 98268
Ma Songde *see* Songde Ma
Ma Ssu-Pin *see* Ssu-Pin Ma
Ma Tae-Young *see* Tae-Young Ma
Ma Wei-Hsiu *see* Wei-Hsiu Ma
Ma Weiluan *see* Weiluan Ma
Ma Weixin *see* Yuan Bin 80792
Ma Wen-Hui *see* Wen-Hui Ma
Ma Wing-Chung *see* Wing-Chung Ma
Ma Xin *see* Wang Feng 111545
Ma Xin *see* Xie Kai 121061
Ma Xinshan *see* Xinshan Ma
Ma Yanwei *see* Yanwei Ma
Ma Yifei *see* Li Bin 117229
Ma Youwu *see* Yang Tianlu 96482
Ma Yu Pei *see* Yu Pei Ma
Ma Yuanliang *see* Yuanliang Ma
Ma Yue, Chadwick, D.W. Implementation of a mechanism in the OSI Directory 98490
Ma Yunhong *see* Yunhong Ma
Ma Yurong *see* Cui Jingbiao 104095
Ma Yuxiang *see* Lei Zhenjia 87887
Ma Zhewang *see* Zhewang Ma
Ma Zhiyao *see* Zhiyao Ma
Ma Zuguang *see* Zhou Chi 96110
Maack, T., Kowarschik, R. Camera influence on the phase-measurement accuracy of a phase-shifting speckle interferometer 100348
Maafi, A., Delorme, C. Long-term energy storage modelling and optimization for autonomous solar systems 71722
Maag, D. *see* Klein, E.E. 90577
Maag, D.K. *see* Low, D.A. 70198
Maagt, P.J.I.De *see* De Maagt, P.J.I.
Maalej, K. *see* Karam, G. 88808
Maalej, K. *see* Sari, H. 117148
Maalof, H. *see* Poveda, J. 99420
Maaly, I.A., Elobeid, A.R., Sagahyroon, A.A. On obtaining parameters for a model of Arabic speech production 97609
Maamria, K. Trans-border frame relay 118225
Maan, J.C. *see* Penning, F.C. 99902
Maan, J.C. *see* Piazza, F. 105178
Maan, J.C. *see* Volk, M. 63043
Maaref, M. *see* Chtourou, R. 62865
Maas, D., Bustgens, B., Fahrenberg, J., Keller, W., Ruther, P., Schomburg, W.K., Seidel, D. Fabrication of microcomponents using adhesive bonding techniques 74950
Maas, D. *see* Smith, G.R. 120229
Maas, F.E. *see* Hartmann, P. 120119
Maas, F.E. *see* Niestroj, A. 80008
Maas, J., Grotstollen, H. Dynamic analysis of inverter-fed ultrasonic motors 121975
Maas, J.G. *see* Leliveld, C.J. 101253
Maas, R. *see* Luijckx, G. 79917
Maas, R. *see* Wu, Y.Y. 100562
Maas, S., Kintis, M., Fong, F., Tan, M. A broadband planar monolithic ring mixer 83304
Maas, S. *see* Larson, L. 73786
Maas, S.A. Accurate design of Lange couplers on GaAs 104787
Maas, S.A. *see* Case, M. 83500
Maaskant, R. *see* Ohn, M.M. 116027
Maaskant, R. *see* Xu, M.G. 116018
Maatta, K. *see* Palojarvi, P. 119321
Maatta, K.E.A. *see* Vainshtein, S.N. 61697
Maayouf, R.M.A., Tiitta, A.T., Hiismaki, P.E. Basic RTOF Fourier diffractometer at the ET-RR-1 reactor and its multipurpose extensions 69871
Mabbitt, A., Parker, A. Methane and carbon dioxide detection using LED sources 89192
Mabe, R.M., Wong, R.K., Colson, W.B. Optical wavelength modulation in free electron lasers 96461
Maboudian, R. *see* Kluth, G.J. 114934
Mabuchi, A. *see* Tokumitsu, K. 81669
Mabuchi, D. *see* Kaneko, S. 92952
Mabuchi, H. *see* Zoller, P. 116158
Mac, W., Twardowski, A., Hennel, A.M. Magnetic properties of GaAs heavily doped with Mn 62719
Mac Lughadha, S.T., Panarin, Yu.P.., Vij, J.K. Degradation of optical bistability in surface stabilized ferroelectric liquid crystal (SSFLC) cells 95870
Mac Millan, M.F., Clemen, L.L., Devaty, R.P., Choyke, W.J., Asif Khan, M., Kuznia, J. Infrared reflectance and cathodoluminescence of AlN-GaN short period superlattice films 105434
MacAdam, C. *see* LeBlanc, D.J. 71863
McAdams, H.P. *see* McKee, W.R. 93387
McAdoo, J. *see* Jalink, A. 80264
McAfee, R. *see* Gorur, R.S. 64111
Macaire, L. *see* Ultre, V. 66998
McAleese, J., Plakatouras, J.C., Steele, B.C.H. The use of Ce(fod)$_4$ as a precursor for the growth of ceria films by metal-organic chemical vapour deposition 113431
McAlister, D. *see* Boggavarapu, D. 107410
McAlister, D.F. *see* Anderson, M.E. 100371
McAllister, A., O'Keefe, E.S., Capper, P., Capocci, F.A., Barton, S., Dutton, D.T. N-Type $Hg_{1-x}Cd_xTe$: undoped x=0.3 LPE material for SPRITE IR detectors 99993
McAllister, B. *see* Jacobs, K. 79916
McAllister, D.W. *see* Cowan, P.M. 71951
McAllister, D.W. *see* Smit, E. 103194
McAllister, J.S. The effect of disk platter resonances on track misregistration in 3.5 inch disk drives 64405
McAllister, M.F. *see* Perfecto, E.D. 94145
McAloone, T.C., Evans, S. The challenges of environmentally conscious design 60760
McAloone, T.C. *see* Rose, E.P. 60552
McAlpine, N.S., McConville, P., Haneman, D., Chernyak, L., Cahen, D. Junction sharpness in field-induced transistor structures in $Cu_xAg_{1-x}InSe_2$ 62824
McAndrew, A., Osborne, C. A survey of algebraic methods in digital topology 67073
McAndrew, C., Seitchik, J., Bowers, D., Dunn, M., Foisy, M., Getreu, I., McSwain, M., Moinian, S., Parker, J., van Wijnen, P., Wagner, L. VBIC95: An improved vertical, IC bipolar transistor model 63627
McAndrew, C.C., Seitchik, J.A., Bowers, D.F., Dunn, M., Foisy, M., Getreu, I., McSwain, M., Moinian, S., Parker, J., Roulston, D.J., Schroter, M., van Wijnen, P., Wagner, L.F. VBIC95, the vertical bipolar inter-company model 115157
McAngus Todd, N.P., Brown, G.J. Visualization of rhythm, time and metre 108224
McArdle, N., Sakaida, H., Yamamoto, H., Ishikawa, M. A compact dynamically-interconnected parallel optoelectronic computing system 85177
McArdle, N. *see* Naruse, M. 85192
Macarico, A., Vieira, M., Fantoni, A., Louro, P., Seco, A., Martins, R., Hollenstein, C. On the a-Si:H film growth: the role of the powder formation 92906
Macarico, A. *see* Vieira, M. 100022
Macario, R.C.V. *see* Alshamali, A.M. 78467
Macario, R.C.V. *see* Alshamali, A.M. 99275
Macario, R.C.V. *see* Alshamali, A.M. 119040
Macario, R.C.V. *see* El-Saigh, A.I. 78355
Macario, R.C.V. *see* Negrat, A.M. 109481
Macario, R.C.V. *see* Negrat, A.M. 109483
MacArthur, J.D. *see* Calligaro, T. 100381
MacArthur, J.L. *see* Beal, R.C. 120849
McArthur, S.D.J. *see* Bell, S.C. 111663
McAulay, A.D., Wang, J. Optical recognition of defective pins on VLSI chips using electron trapping material 72319
McAuley, B. *see* Hajto, J. 63181
McAuley, B. *see* Hajto, J. 94638
McAuley, D. *see* Leslie, I.M. 109207
McAuliffe, D.J., Koester, D.P., Margulies, A.S. The impact of asynchronous transfer mode communications on tactical military command and control 80716
McAuliffe, J.W. *see* Clapp, A.L. 121195
McAuliffe, J.W. *see* Landinger, C.C. 121196
McAuliffe, P. *see* Calvin, H. 106718
McAuliffe, P. *see* Deis, G. 106719
McAvoy, B.R. *see* Levy, M. *(editor)* 92046
McAvoy, T. *see* Kunt, T. 79587
McBain, A. Asynchronous transfer mode: what is it and why use it? 87858
McBeth, D. *see* Mu-Yeh Huang 113023
Macbeth, I. *see* Bratt, A. 61793
McBranch, D. *see* Smilowitz, L. 96612
McBreen, J. *see* Adzic, G.D. 71642
McBreen, J. *see* Lee, H.S. 81701
McBreen, J. *see* Mukerjee, S. 71643
McBreen, J. *see* Thurston, T.R. 91714
McBride, A. *see* Lemieux, L. 90515
McBride, J.W., Sharkh, S.M.A. The effect of contact opening velocity and the moment of contact opening on the AC erosion of Ag/CdO contacts 62431
McBride, J.W. *see* Swingler, J. 104915
McBride, J.W. *see* Weaver, P.M. 71588
Mcbride, S.E. *see* Wildes, R.P. 86334
McBride, W.E., III *see* Haltrin, V.I. 107925
McBrien, G.J. *see* Merritt, S.W. 88481
McBroom, R.J. *see* Restaino, S.R. 109682
McCabe, A. Breakers–dead or alive 91674
McCabe, J.H. *see* Common, A.K. 60971
McCabe, P. *see* Tao Yang 78130

McCabe, T.M., Bjorn, V.C., Weigend, A.S. Measuring predictability using multiscale embedding 108364
Maccaferri, A. *see* Bortolotti, C. 79102
Maccaferri, R. *see* Bosser, J. 89844
McCafferty, D. *see* Monahan, K. 115079
McCaffrey, B. *see* Murray, M. 82871
McCaffrey, J.P. *see* Xu, D.-X. 74625
McCaffrey, N. *see* Ambrose, J. 70580
McCaffrey, N.J. *see* Kaplinsky, M.B. 69550
McCahon, C.S., Rys, M.J., Ward, K.H. The impact of training technique on the difficulty of quality improvement problem solving 112981
McCahon, S.W., Anson, S.A., Jang, D.J., Olesberg, J.T., Flatte, M.E., Boggess, T.F., Chow, D.H., Hasenberg, T.C., Grein, C.H. Carrier dynamics in narrow-band-gap quantum wells measured with subpicosecond mid-wave infrared pulses 114797
McCahon, S.W. *see* Pepper, D.M. 103478
McCaldin, J.O., Wang, M.W., McGill, T.C. Model calculations for n-CdZnS light emitter grown on p-GaN hole injector 74323
McCalgin, W.C. *see* Lebens, J.A. 114900
McCall, B.M. On-board automated mileage and stateline crossing system for apportioning commercial vehicle fuel taxes and mileage and automatic submission to IFTA and IRP base jurisdiction 100314
McCall, L.V., Dwyer, P.W., Kumbera, D.G., Lester, G.N., Luchring, E.L., Mikulecky, H.W., Ransom, J.C.W., Peters, E., Storms, A.D., Teufel, F.C. Application of insulation systems in power switchgear 102891
McCall, M.W. *see* Ziping Jiang 65313
McCall, S. *see* Freibert, F. 75301
McCalley, J.D. *see* Aboul-Ela, M.E. 70725
McCalley, J.D. *see* Jing, C. 70715
McCallion, K. *see* Gloag, A. 65091
McCallum, D.S., Huang, X.R., Harken, D.R., Smirl, A.L., Sanchez-Rojas, J.L., Sacedon, A., Munoz, E., Calleja, E. Ultrafast carrier dynamics and piezoelectric nonlinearities in strained quantum wells 62858
McCallum, J.C. Kinetics of solid phase epitaxy in buried amorphous Si layers formed by MeV ion implantation 92730
McCallum, R.W. *see* Branagan, D.J. 64472
McCallum, R.W. *see* Branagan, D.J. 106628
McCallum, R.W. *see* Gao, Z. 64314
McCallum, S.J., Alecci, M., Lurie, D.J. Modification of a whole-body NMR imager into a radio frequency EPR spectrometer suitable for in vivo measurements 90319
McCallum, W. *see* Trager-Cowan, C. 75953
McCalmont, J.S., Sigalas, M.M., Tuttle, G., Ho, K.-M., Soukolis, C.M. A layer-by-layer metallic photonic band-gap structure 62167
McCalmont, J.S. *see* Sigalas, M.M. 75670
McCambridge, J.D. *see* Hunt, B.D. 75354
McCammon, K. *see* Gamelin, J. 88652
McCance, S.E. *see* Totterman, S.M.S. 80364
McCandless, B.E. *see* Birkmire, R.W. 112370
McCandless, B.E. *see* Shafarman, W.N. 71705
McCandless, D.A., Rogers, S.K., Hoffmeister, J.W., Ruck, D.W., Raines, R.A., Suter, B.W. Wavelet detection of clustered microcalcifications 90458
McCandless, M. Time for the Web to grow up? 98650
McCann, E., Lerner, I.V. Mesoscopic conductance fluctuations in dirty quantum dots with single channel leads 105394
McCann, K.D. Testing and conformance checking in the digital television environment 119372
McCann, P.J. *see* Fang, X.M. 63131
McCann, R.A., Suriano, J.R. Optimized design and three-dimensional (3-D) finite element analysis of a rotary actuator 103141
McCanne, S., Jacobson, V., Vetterli, M. Receiver-driven layered multicast 118123
McCanne, S. *see* Fall, K. 118529
McCanny, J.V., Woods, R.F., Hui, C., Tiong Jui Ding, Devlin, B., Major, A. A 64-point Fourier transform chip for digital television applications 77535
McCanny, J.V. *see* Hui, C.C.W. 108607
McCanny, J.V. *see* Ridge, D.J. 98117
Maccarini, P. *see* Ram, R.J. 97369
McCarron, K.T. *see* Lakin, K.M. 104673
Maccarrone, F. *see* Beverini, N. 119926
McCarter, M.K. *see* Guruswamy, S. 64474
McCarthy, A.M. *see* Kramer, K.-J. 105579
McCarthy, B.L. *see* Lesser, M.P. 100140
McCarthy, C. *see* Roberts, J.S. 70894
Mccarthy, D.F. *see* Deluca, C.C. 97969
McCarthy, F. Multiple signal direction-finding and interference reduction techniques 68749
McCarthy, G.P. *see* Hartmann, M.J. 81654
McCarthy, J. *see* Kukushkin, A. 118896
McCarthy, S. Keeping an eye on the network [HFC network two-way services] 99778
McCarthy, S. All the right moves [integrated broadband services] 118296
McCarthy, S.L. New test methods for evaluating electrically conductive adhesives 92994
McCartin, B.J. A perturbation procedure for nearly rectangular, homogeneously filled, cylindrical waveguides 108000
McCartin, B.J. *see* Kriegsmann, G.A. 97015
McCarty, B.M. *see* Gragson, D.E. 107217
McCarty, D.M. *see* Burrows, P.E. 75747
McCarty, K.P. *see* Nichols, D.K. 63854
McCaskill, J. *see* Marsh, J. 114001
McCaslin, S., Camagna, J., Redheendran, B., Srinivasan, V. Application-specific DSPs for acoustic and network echo-cancellation applications 93405
McCaughan, L. $LiNbO_3$ integrated optic guided wave lasers and optical amplifiers 85411
McCauley, T.R. *see* Holland, C.K. 90472
McCauley-Bell, P., Freeman, R. Quantification of belief and knowledge systems in information warfare 120931
McCay, B.M. A technical management structure for the evolution of tactical aerospace C^3I systems 80711
McChesney, C.E., Bowers, D.A., Kaslusky, A. Resin selection for high-performance connectors 83571
McChesney, J.-J., Haigh, J., Dharmadasa, I.M., Mowthorpe, D.J. Electrochemical growth of GaSb and InSb for applications in infra-red detectors and optical communication systems 113407
McChesney, T. Roaming for an answer [wireless communications] 68142
Macchi, O. *see* da Rocha, C.A.F. 77068
Macchiarella, G. An effective technique for the synthesis of an equiripple low pass prototype filter with asymmetric frequency response and arbitrary transfer function zeros 114209
Macchiarella, G., Stracca, G.B., Politi, M. Computer aided design of dielectric resonators filters in circular waveguide 62186
Macchiavello, C., Sanpera, A. An unconditionally secure protocol for quantum cryptography 88531
Macchiavello, C. *see* D'Ariano, G.M. 97896
Macchiavello, C. *see* D'Ariano, G.M. 110159
Macchiavello, C. *see* Deutsch, D. 108178
Macchiavello, C. *see* Ekert, A. 108106
Maccioni, E. *see* Beverini, N. 68961
McClain, J.L., Jr., Erbach, P.S., Gregory, D.A., Yu, F.T.S. Spatial light modulator phase depth determination from optical diffraction information 75602
McClain, M.B. *see* Yufei Bao 95864
McClary, C. The technological evolution of inertial reference systems 70398
McClay, C.I. *see* Williamson, S. 71327
McClay, C.I. *see* Williamson, S. 102703
McClean, I.P. *see* Stevens, R. 64955
McClean, J. Power factor correction inductors for SMPSs 112071
McClean, J.W. Downsizing PFC inductors in switchers 71482
McClear, M.T., Taylor, P.A. PFC recycling 92354
McCleer, P.J. Electric drives for pump, fan, and compressor loads in automotive applications 71864
McCleer, P.J. *see* Peng, S. 93797
Mccleese, D.J. *see* Kursinski, E.R. 70484
McClellan, C.S. *see* Keele, B.D. 101037
McClellan, G. *see* Smith, J.H. 116279
McClellan, G.B. *see* Shul, R.J. 84187
McClellan, G.B. *see* Shul, R.J. 94782
McClellan, J.H. *see* Santhanam, B. 66709
McClellan, J.H. *see* Schodorf, J.B. 117301
McClellan, J.H. *see* Yardim, A. 117522
McClellan, S., Gibson, J.D. Distortion measures for variable rate coding 66566
McClellan, S., Gibson, J.D. Variable rate vector quantization of the speech spectral envelope 97656
McClellan, S. *see* Rutherford, K. 97657
McClelland, B. *see* Zavracky, P.M. 80554
McClelland, B. *see* Zavracky, P.M. 119663
McClelland, J.J. *see* Celotta, R.J. 75073
McClelland, R. *see* Zavracky, P.M. 84655
McClelland, R. *see* Zavracky, P.M. 92078
McClelland, S.K. *see* Tran, T.K. 75714
McClelland, T., Bhaskar, N., Mallette, L.A. Rubidium locked oscillator life testing 88411
McClelland, T.E., Webb, D.J., Sturman, B.I., Shamonina, E., Mann, M., Ringhofer, K.H. Excitation of higher spatial harmonics by a moving light pattern in sillenites 116729
McClintock, B.H. *see* Knoedler, A.J. 70401
McClintock, C. *see* Reddy, S. 113855
McClintock, P.V.E. *see* Kaufman, I.K. 115939
McClung, B. *see* Gallagher, J.M. 82030
McClure, B. Policing the information highway 87827
McClure, D. *see* Zhidong Lu 101106
McClure, D.E. *see* Geman, S. 80315
McClure, G.F. Recognizing continuing education and professional activities: the CEU and the Ph.D 60484
McClure, J.C. *see* Aguilera, A. 89273
McClure, J.C. *see* Bhaskaran, S. 89375
McClure, J.C. *see* Singh, V.P. 110297
McClure, M., Elder, J.S. Constant input power modulation technique for high efficiency boost converter optimized for lithium-ion battery applications 71462
McClure, M.T. *see* Choi, W.B. 74035
McClure, M.T. *see* Choi, W.B. 83705
McClure, M.T. *see* Myers, A.F. 74037
McClure, P.W. *see* Ivancic, P.C. 70246
McCluskey, E.J. *see* Chang, J.T.-Y. 106203
McCluskey, E.J. *see* Norwood, R.B. 104469
McCluskey, E.J. *see* Touba, N.A. 104464
McCluskey, E.J. *see* Touba, N.A. 104493
McCluskey, E.J. *see* Yamada, T. 61835
McCluskey, F.M.J., Denat, A. The behavior of small bubbles generated by electrical current impulses over a wide range of applied pressures 106307
McColl, S.L. *see* Veitch, J.A. 81992
McColm, G.L. Zero-one laws for Gilbert random graphs 103631
McCombe, B.D. *see* Kono, J. 62964
McCombe, B.D. *see* Meisels, R. 105249
McCombe, B.D. *see* Ryu, S.R. 105372
McCombs, M. *see* Thiele, D.L. 80207
McConnell, K. *see* Cappa, P. 69518
McConnell, K.G., Varoto, P.S. Mismatching windows can cause frequency response function notches to appear as peaks 86246
McConnell, M. Nanopositioning–extreme calibration 84617
McConnell, M.L. *see* Macri, J.R. 80155
McConnell, M.L. *see* Macri, J.R. 101024
McConnell, R., Lavenier, D. Prototyping of VLSI components from a formal specification 104610
McConnell, R.K., Jr., Massa, R.A., Blau, H.H., Jr. Color machine vision 89159
McConnell, W., III *see* Hyland, S. 71808
McConnick, J.W. *see* Jaszczak, R.J. 101285
McConochie, S.R., Schmidlin, F., Bissell, P.R., Gotaas, J.A., Parker, D.A. Interaction effects from reversal studies of single particles 106562
McConville, C.F. *see* Bell, G.R. 94367
McConville, P. *see* McAlpine, N.S. 62824
McCord, D., Edwards, A., Himwich, A. Glaxo Wellcome rethinks network management 67771
McCord, J., Hubert, A., Kools, J.C.S., de Nooijer, M.-C. Magnetization processes in exchange biased giant magnetoresistive multilayer elements 115652
McCord, J., Hubert, A., Schropfer, G., Loreit, U. Domain observation on magnetoresistive sensor elements 115878
McCorkie, J.W. *see* Ressler, M.A. 101649
McCormack, C. *see* Hartley, S. 103338
McCormack, C.J., Liepa, V.V., Williams, W.J. Applying time-frequency techniques to noise corrupted radar signals 109727
McCormack, J.S. *see* Beales, T.P. 121180
McCormack, M., Artaki, I., Jin, S., Jackson, A.M., Machusak, D.M., Kammlott, G.W., Finley, D.W. Wave soldering with a low melting point Bi-Sn alloy: effects of soldering temperatures and circuit board finishes 104944
McCormack, M.T., Degani, Y., Chen, H.S., Gesick, W.R. A lower-melting-point solder alloy for surface mounts 83621
McCormick, A.R. *see* Chraplyvy, A.R. 99580
McCormick, A.R. *see* Gnauck, A.H. 88643
McCormick, C.J. *see* Sarma, D.H.R. 91922
McCormick, D. *see* Phung, T. 122109
McCormick, D. *see* Turner, J.L. 89654
McCormick, D. *see* Zimmermann, F. 89651
McCormick, F. *see* Dvornikov, A.S. 84951
McCormick, F.B. *see* Lentine, A.L. 99018
McCormick, F.B. *see* Piyaket, R. 95649
McCormick, G. *see* Crew, D.C. 115500
McCormick, G. *see* Toukhy, M. 105803
McCormick, G.P., Howells, E. Arcing resistance of high fire point dielectric liquids 115439
McCormick, J. Telecommunications deregulation: an Australian perspective 108909
McCormick, J. *see* Wright, J. 88741
McCormick, J.W., Jaszczak, R.J., Scarfone, C., Gilland, D.R., Coleman, R.E. The effect of truncation reduction in fan beam transmission for attenuation correction of cardiac SPECT 101171
McCormick, J.W. *see* Johnson, E.L. 101203
McCormick, K. *see* Kouwenhoven, L.P. 105407
McCormick, K. *see* Sadwick, L.P. 103930
McCormick, M. *see* Bousbaine, A. 102730
MacCormick, M. *see* Odland, O.H. 110593
McCormick, P.G. *see* Miao, W.F. 106551
McCormick, P.G. *see* Miao, W.F. 106627
McCormick, R.I. *see* Markus, K.W. 63993
McCormick, S.K. *see* Lekkla, R. 78607
McCormick, S.T. Submodular containment is hard, even for networks 113113
McCourt, M. *see* Derrick, A. 102554
McCowen, A. *see* Charles, A. 65815
McCowen, A. *see* Salman, B.G. 65780
McCowen, A. *see* Salman, B.G. 66012
McCowen, A. *see* Tran, T.V. 76392
McCoy, J. *see* Fergason, J. 89228
McCoy, W. *see* Magotra, N. 120473
McCoy, W. *see* Mandyam, G. 120696
McCracken, M. *see* Dergachev, A. 70100
McCracken, R.W. *see* Rotter, M.D. 85417
McCrary, S. *see* Krehbiel, P. 90777
McCrea, G., Pinney, C.P. A new measurement technique for automotive and aerospace brake system testing 103131
McCrea, G. *see* Payne, A. 115657
McCrea, S. Preparing for the post-petroleum era: what electric vehicle advocates and others need to know about alternative fuel vehicles 71856
McCredie, B.D., Becker, W.D. Modeling, measurement, and simulation of simultaneous switching noise 95178
McCrory, E. *see* Johnstone, C. 79799
McCrory, E.S., Lucas, P.W. A model of the Fermilab Collider for optimization of performance 79942
McCrosky, C. *see* Jiabi Zhu 113653

McCullagh, M., Moult, J., Davies, R., Wallis, B., Wadsworth, S. An overview of high frequency circuit design on the GMMT GaAs HBT process 63903
McCulley, W. *see* Klaassen, E.H. 84625
McCulley, W. *see* Logan, J. 64002
McCulloch, M.D. *see* Kleinhans, C.E. 103083
McCullough, C. *see* Lindberg, P.C. 117351
McCullough, C.P. Wind shear detection systems 120651
McCullough, D. Too hot to handle? [data communication over POTS] 118280
McCullough, R.L. *see* Fink, B.K. 112604
McCullough, R.W. *see* Donnelly, C.M. 72914
McCune, E. Ground current control in RF and high speed digital circuits 78357
McCune, E. *see* Fowkes, W.R. 100416
McCurdy, A.H. *see* Hao Wu 105040
McCurdy, A.H. *see* Kasibhotla, V. 62611
McCurdy, A.H. *see* Wu, H. 62609
McCutchen, T., Lee, C.-Y. An analysis of dispatching rules in a semiconductor wafer fabrication environment 74797
McCutcheon, E. The realities of A/D conversion in radiometric testing 69008
Macda, H. *see* Koyanagi, K. 95535
McDanal, A.J. *see* O'Neill, M.J. 112386
McDanell, R. *see* Chen, A. 78520
McDaniel, A.H. *see* Kappers, M.J. 61232
McDaniel, B.D. *see* Rogers, J.T. 100525
McDaniel, E.B. *see* Lee, M. 69032
McDaniel, J.I. *see* Chang, G.C. 120608
McDaniel, J.W. *see* Purvis, B.D. 120604
McDaniel, M.R. *see* Wienands, U. 89916
McDermid, I.S. *see* Fishbein, E.F. 120780
McDermid, I.S. *see* Froidevaux, L. 120781
McDermith, W. *see* Olsen, G. 61740
McDermott, B. Photodefined vias enable high density designs 82250
McDermott, B.A. *see* Fallon, C.M. 121130
McDermott, B.J. Impact of direct chip attach on the printed circuit board 94027
McDermott, B.T., Gertner, E.R., Pittman, S., Seabury, C.W., Chang, M.F. Carbon doped InP/GaAsSb HBTs via MOCVD 63615
McDermott, D.B., Balkcum, A.J., Luhmann, N.C., Jr. 35-GHz 25-kW CW low-voltage third-harmonic gyrotron 105041
McDermott, D.B., Hartemann, F.V., Balkcum, A.J., Luhmann, N.C., Jr. Prebunched high-harmonic FEL for short-pulse millimeter wave emission 107363
McDermott, D.B., Luhmann, N.C., Jr. Millimeter wave, 25 kW CW gyrotrons using permanent-magnets 114535
McDermott, D.B. *see* Balkcum, A.J. 105045
McDermott, D.B. *see* Balkcum, A.J. 116291
McDermott, D.B. *see* Chong, C.K. 105068
McDermott, D.B. *see* Chong, C.K. 105069
McDermott, D.B. *see* Chong, C.K. 114531
McDermott, D.B. *see* Leou, K.C. 62639
McDermott, D.B. *see* Leou, K.C. 105067
McDermott, D.B. *see* Wang, Q.S. 105065
McDermott, D.B. *see* Wang, Q.S. 114532
McDermott, H.J., McKay, C.M. Loudness ratio production by cochlear implantees using the spectral maxima sound processor 70224
McDermott, M. *see* Pomerantz, S.M. 111020
McDermott, M.G. *see* Sarma, D.H.R. 91922
McDermott, T., Zhou, P., Gilmore, J., Cendes, Z. Electromechanical system simulation with models from finite element solutions 107819
McDermott, W.E. Generation of $O_2(a^1\Delta g)$–a survey update 107056
McDevitt, J.T. *see* Jurberg, D.C. 99975
McDevitt, M. *see* Bouvier, S. 95202
McDevitt, P. *see* Pham, P.C. 78826
McDevitt, R. *see* Das Peddada, S. 90827
MacDiarmid, A.G. *see* Epstein, A.J. 96022
MacDiarmid, A.G. *see* Onoda, M. 85294
MacDiarmid, A.G. *see* Wang, H.L. 85301
MacDiarmid, I.P. *see* Jones, C.C.R. 65892
MacDiarmid, I.P. *see* Pywell, M. 100300
MacDiarmid, P.R., Hyle, R.A., Jr. 1994 RAC initiatives: plastic encapsulated microcircuit reliability and benchmarking commercial reliability practices 60720
McDicken, W.N. *see* Fleming, A.D. 90470
McDonagh, C. *see* Daly, E. 114747
MacDonagh, R.P. *see* Carter, A.C. 90568
McDonald, A.E. *see* Meissner, K.E. 107664
Macdonald, A.H. *see* Jungwirth, T. 63066
MacDonald, B.A. Charge transport and storage in the radiation-charged electret ionization chamber 120208
Macdonald, B.M. *see* Collins, J.V. 72293
McDonald, C. PCB CAD in Windows 94003
McDonald, C.E. *see* Cuta, J.M. 74972
McDonald, C.F., Wilson, D.G. The utilization of recuperated and regenerated engine cycles for high-efficiency gas turbines in the 21st Century 81324
McDonald, D. Applications of Mathcad in network analysis instruction 112767
McDonald, D., Corbett, B. Performance characteristics of quasi-single longitudinal-made Fabry-Perot lasers 96381
McDonald, D. *see* Qian, K. 77565
Macdonald, D.C. *see* Fang, Y.J. 91021
Macdonald, D.C. *see* So, P.L. 101770
Macdonald, D.C. *see* Zhou, K.M. 90930
McDonald, F. *see* Oder, T.M. 90400
MacDonald, G.J. *see* Stair, A.T., Jr. 90796
McDonald, J. *see* Hiemenz, L. 70176
Macdonald, J. *see* Hong, Q.H. 89143
McDonald, J. *see* Loy, J. 94135
McDonald, J. *see* Pham, P.C. 78826
Macdonald, J. *see* Yongtian Wang 116747
MacDonald, J.A. *see* Hsieh, J. 87804
McDonald, J.D. *see* Ji-Yuan Fan 102105
Macdonald, J.E. *see* Levermann, A.H. 82662
MacDonald, J.H., Wells, K., Ott, R.J. Preliminary results from a novel CCD-based imaging system for biomedical applications 101335
Mcdonald, J.J., II. *see* Hummels, D.M. 110056
McDonald, J.R. *see* Bell, S.C. 111663
McDonald, J.R. *see* Booth, C. 71597
McDonald, J.R. *see* Booth, C. 121819
McDonald, J.R. *see* Elders, I.M. 111478
McDonald, J.R. *see* Georgin, E. 111873
McDonald, J.R. *see* Moyes, A. 71028
McDonald, J.R. *see* Skibenko, E.V. 101670
McDonald, J.R. *see* Skibenko, E.V. 101722
McDonald, K.T. *see* Kwok, P. 89918
McDonald, K.T. *see* Lu, C. 69720
MacDonald, L.R., Tornai, M.P., Levin, C.S., Park, J., Atac, M., Cline, D.B., Hoffman, E.J. Small area, fiber coupled scintillation camera for imaging beta-ray distributions intra-operatively 80258
MacDonald, L.R. *see* Levin, C.S. 90366
MacDonald, L.R. *see* Levin, C.S. 101116
MacDonald, L.R. *see* Levin, C.S. 110697
MacDonald, L.R. *see* Tornai, M.P. 101293
MacDonald, L.R. *see* Tornai, M.P. 101313
MacDonald, L.R. *see* Tornai, M.P. 110696
MacDonald, L.W. Developments in colour management systems 77496
MacDonald, L.W. Tone and quality issues in digital cameras 79532
McDonald, M. *see* Lasher, M. 89245
McDonald, M. *see* Neifeld, M.A. 64631
McDonald, M. *see* Neifeld, M.A. 96832
McDonald, M. *see* Soltan, P. 100196
McDonald, M. *see* Zelenski, A.N. 90070
MacDonald, M.C. Center pivot irrigation system analysis using airborne remotely sensed imagery: a commercial remote sensing case study 120884
McDonald, M.C. *see* Grainger, L.G. 91998
McDonald, M.L. *see* Bean, J.C. 89532
McDonald, M.L. *see* Lum, R.M. 92731
McDonald, M.L. *see* Lum, R.M. 103906
McDonald, N. *see* Tran, A.T.T.D. 64876
MacDonald, N.C. Micro-machines for moving nm-scale objects 64013
MacDonald, N.C. SCREAM microelectromechanical systems 115384
MacDonald, N.C. *see* Adams, S.G. 74887
MacDonald, N.C. *see* Bohringer, K.-F. 74884
MacDonald, N.C. *see* Christenson, G.L. 64623
MacDonald, N.C. *see* Das, J.H. 73989
MacDonald, N.C. *see* Haronian, D. 88957
MacDonald, N.C. *see* Hofmann, W. 73959
MacDonald, N.C. *see* Huang, X.T. 74605
MacDonald, N.C. *see* Huang, X.T. 74961
MacDonald, N.C. *see* Jazairy, A. 74906
MacDonald, N.C. *see* Mihailovich, R.E. 74875
MacDonald, N.C. *see* Miller, S.A. 74903
MacDonald, N.C. *see* Ogo, I. 84644
MacDonald, N.C. *see* Saif, M.T.A. 74863
MacDonald, N.C. *see* Saif, M.T.A. 79725
MacDonald, N.C. *see* Saif, M.T.A. 82795
MacDonald, N.C. *see* Shaw, K.A. 74888
Macdonald, P. *see* Larson, L. 73786
MacDonald, P.A., Itoh, T. Fast simulation of microstrip structures using the fast multipole method 114194
MacDonald, P.A., Itoh, T. Fast simulation of microstrip antennas using the fast multipole method 117062
Macdonald, R. *see* Antipov, O.L. 116683
Macdonald, R. *see* Kaminskii, A.A. 96190
MacDonald, R. *see* Linke, R.A. 65455
Macdonald, R.H. *see* Tokerud, B. 97914
MacDonald, R.I. *see* Keyworth, B.P. 94109
MacDonald, R.I. *see* Sharma, R. 99044
MacDonald, R.L., Linke, R.A. Optical phase conjugation using DX centers 65503
Macdonald, S. Informal information flow and strategy in the international firm 72185
MacDonald, S. *see* Asmus, K.W. 88782
McDonald, S. *see* Booysen, A.J. 117096
McDonald, S.A., Minnaar, F. Real-time power and phase determination for horn array 117097
MacDonald, S.A. *see* Fontana, R.E., Jr. 115717
McDonald, W.I. *see* Grimaud, J. 101274
MacDonald, W.M. *see* Gates, J.V. 72294
McDonnell, B. *see* Wilson, R. 63937
McDonnell, C. *see* Howald, R. 83335
McDonnell, D., Gardener, J., Gondusky, J. Comparison of the switching behavior of silver metal oxide contact materials 62429
McDonnell, D. *see* Mason, I. 95879
McDonnell, D.G. *see* Bryan-Brown, G.P. 85126
McDonnell, J.J. *see* Changyi Sun 111279
McDonnell, J.R. *see* Waagen, D.E. 66497
McDonnell, J.T.E. *see* Sava, H.P. 80492
McDonnell, J.T.E. *see* Sava, H.P. 110930
McDonnell, P., Foster, T.J., Main, P.C., Eaves, L., Mori, N., Sakai, J.W., Henini, M., Hill, G. Mesoscopic conductance fluctuations in impurity-assisted resonant tunnelling 63823
McDonnell, P.J. *see* Geim, A.K. 63812
McDonough, E.F., III, Kahn, K.B. Using 'hard' and 'soft' technologies for global new product development 103377
McDonough, J. *see* Hiller, P. 79250
Macdoran, P.F. *see* Axelrad, P. 68321
MacDougal, M.H. *see* Dapkus, P.D. 107344
MacDougal, M.H. *see* Gye Mo Yang 116498
McDougall, J.J. *see* Bray, R. 90414
MacDougall, T.W., Dawson, J.W., Hernandez, E. High accuracy all fiber, optical current sensor 100053
McDowell, D. *see* Chiayu Fu 112882
McDowell, D.L. *see* Le Gall, C.A. 112932
McDowell, H.L. Computer model of crossed-field devices using moving wavelength codes 105030
McDowell, W. *see* Cho, Y. 79994
Mace, D.R., Barnes, C.H.W., Ford, C.J.B., Simpson, P.J., Pepper, M., Simmons, M.Y., Faini, G., Mailly, D. Aharonov-Bohm oscillations in adjacent edge states around a controllable tunable obstacle 63097
Mace, D.R. *see* Liang, C.-T. 106099
Mace, D.R. *see* Savchenko, A.K. 106082
Mace, E.W. *see* Banks, D.R. 92243
Mace, G.G. *see* Danne, O. 90764
McEachern, A., Bhatt, S.C. Power quality instrument with voice-mail-like user interface: a novel technology assists customers, utility marketing executives 121088
MacEachin, J. *see* Pritchard, D.A. 119741
Macedo, J., Copeland, M., Schvan, P. A 2.5 GHz monolithic silicon image reject filter 118767
Macedo Filho, A.D., Griffiths, H.D. Radar signal clustering and identification by means of microwave neural networks 68597
Macedonia, C., Patience, T., Maslow, A., Kopelman, J. Low cost three-dimensional ultrasonographic imaging in a military Women's Health Center using the continuous linear acquisition method 90334
Macek, J., Marinsek, M. The preparation of nickel/zirconia dispersions from nickel hydroxide/hydrous zirconium oxide gel-precipitate precursors: Influence of the reaction conditions on the characteristics 104181
Macek, J., Marinsek, M., Novosel, B. Ni/ZrO_2 anode formation for fuel cell applications 81738
Macek, J. *see* Degen, A. 72976
Macek, J. *see* Novosel, B. 72975
Macek, J. *see* Zupan, K. 75077
Macek, M., Mack, S., Kordesch, A.V. Effects of poly-silicon plasma etching on the 14 nm gate oxide 63414
Macek, R. *see* Plum, M. 89898
Macek, R. *see* Plum, M. 100566
Macek, R. *see* Wang, T. 89991
Macek, R.J. *see* Chan, K.C.D. 89690
Macek, S. *see* Chochula, P. 110611
Macek, S. *see* Rocak, D. 61655
Macek, S. *see* Valant, M. 83346
Macek, S. *see* Zarnik, M.S. 61684
McEliece, R. *see* Jung-Fu Cheng 66411
McEliece, R.J. On the BCJR trellis for linear block codes 76783
McEliece, R.J., Zhong Yu An inequality on entropy 66210
McEliece, R.J. *see* Cheng, J.-F. 97481
Macellari, V., Giacomozzi, C. Multistep pressure platform as a stand-alone system for gait assessment 101063
McEllistrem, M.T. *see* Deasy, J.O. 80447
Macelloni, G., Pampaloni, P., Paloscia, S., Ruisi, R. Effects of spatial inhomogeneities and microwave emission enhancement in random media: an experimental study 111159
McElnea, A.E. *see* Morris, G.C. 61306
McElroy, J.L. *see* Kovalev, V.A. 111218
McElroy, M.B. *see* Stair, A.T., Jr. 90796
McElvain, J., Heeger, A.J. An analytic model for the polymer grid triode 115121
MacElwee, T. *see* Bazarjani, S.S. 84575
MacElwee, T.W. *see* Tarr, N.G. 74824
McEntee, A.J. *see* Clay, M.R.J. 102298
McEntee, A.J. *see* Clay, M.R.J. 111683
McEntee, J. Optics measures vibration in rotating machines 100344
McEntee, R.A. *see* Bull, J.F. 78980
Maceri, F. *see* Bisegna, P. 106396
Macet, D.R. *see* Shiltont, J.M. 74326
McEuen, P.L. *see* Dixon, D. 74383
McEuen, P.L. *see* Dixon, D. 105414
McEuen, P.L. *see* Filling, G. 105291
McEuen, P.L. *see* Klein, D.L. 63089
McEuen, P.L. *see* Kouwenhoven, L.P. 105407
McEvoy, A.J. *see* Thampi, K.R. 81804
MacEvoy, B. *see* Matheson, J. 69771
MacEvoy, B.C., Hall, G., Gill, K. Defect evolution in irradiated silicon detector material 84064
McEvoy, H.C., Chattle, M.V., Butler, J. Comparison of temperature scale maintained on platinum resistance thermometers with the NPL radiance temperature scale 119524
McEvoy, P. *see* Egan, A. 75979
McEwan, N.J., Rashid, Z.A.A., Jones, S.M.R. Calibration techniques for Olympus 20 GHz switched polarization satellite beacon measurements 107884
McEwan, N.J. *see* Sadeghzadeh, R.A. 70262

MacEwen, G.H. *see* Oh, S.K. 108841
McEwen, P.A., Wolf, J.K. Trellis codes for (1,k) E^2PR4ML with squared distance 18 117201
McEwen, R.K. *see* Porter, S.G. 69299
Macfadyen, R. *see* Brinkmanna, A. 78301
McFall, G. *see* Sandborn, P.A. 72376
McFall, K. Map-based field automation for broadband 68504
McFarland, D. *see* Pfurtscheller, G. 70164
McFarland, E.W. *see* Bergh, H. 88972
McFarland, E.W. *see* Lanza, R.C. 80354
McFarland, E.W. *see* Lanza, R.C. 100870
McFarland, R.H., Quinet, D. Capabilities of the new ILS 70383
McFarland, R.H. *see* Odunaiya, S.A. 80587
McFarland, S. *see* Smith, G.R. 120229
McFarland, S.A. Performance mapping identifies simulcast problems 78552
MacFarlane, D.L. *see* Cox, W.R. 96583
McFarlane, I. On-line combined color and height sensor for bakeries 82322
Macfarlane, I.P. Predictability of radiation in vertical directions based on in situ measurements close to the ground at frequencies above 30 MHz 107940
Macfarlane, J.C. *see* Hao, L. 95500
MacFarlane, J.J. *see* Chung, H.K. 69641
McFarlane, N.J.B. *see* Bull, C.R. 77235
Macfarlane, P.W., McLaughlin, S.C., Aitchison, T. Computer interpretation of the paediatric electrocardiogram 90510
Macfarlane, R.M., Wittmann, G. Photon-gated spectral hole burning in Pr^{3+}:YAG 96714
Macfarlane, R.M. *see* Bernal, M.-P. 65569
Macfarlane, R.M. *see* Downing, E.A. 89336
Macfarlane, R.M. *see* Lundquist, P.M. 75413
Macfarlane, R.M. *see* Wortmann, R. 106757
McFee, S. A classical virtual work force method for time-harmonic eddy-current analysis 65708
McFee, S., Giannacopoulos, D. Optimal discretization based refinement criteria for finite element adaption 61122
McGahan, W.A., Spady, B.R., Johs, B.D., Laparra, O. Optical characterization of polycrystalline silicon thin films 115078
McGahan, W.A. *see* Masumoto, K. 115654
McGahay, V. *see* Acovic, A. 106206
McGahay, V. *see* Cote, D. 106195
McGarity, R.C. *see* Fuller, S. 93429
McGarrity, C., Jackson, D.A. Multiplexed demodulation of quasi-static measurands without a receiving interferometer 79510
McGarrity, C., Jackson, D.A. The frequency spectrum of a phase-modulated interferometer illuminated by a Gaussian source 119697
McGarrity, J.M., Scozzie, C.J., Blackburn, J., Delancy, W.M. High temperature silicon carbide FETs for radiation environments 95061
McGarrity, J.M. *see* Scozzie, C.J. 82909
McGarvey, J. *see* Parulski, K. 89149
McGean, T.J. Developing standards for system and subsystem interfaces in electric rail passenger vehicles 91855
McGee, D. *see* Chen, Z. 96634
McGee, J.O. *see* Elsayed, A.M. 111017
McGee, S. *see* Blurton, C. 103340
McGee, T.J. *see* Fishbein, E.F. 120780
McGee, W. *see* Nagorski, W. 119552
McGeehan, J. *see* Hongxi Xue 99169
McGeehan, J.P. *see* Athanasiadou, G.E. 97116
McGeehan, J.P. *see* Athanasiadou, G.E. 107908
McGeehan, J.P. *see* Bateman, A. 73122
McGeehan, J.P. *see* Bateman, A. 78491
McGeehan, J.P. *see* Boloorian, M. 61670
McGeehan, J.P. *see* Boloorian, M. 99120
McGeehan, J.P. *see* Boloorian, M. 109327
McGeehan, J.P. *see* Boloorian, M. 109340
McGeehan, J.P. *see* Kenington, P.B. 73121
McGeehan, J.P. *see* Mortazavi, S.H. 88323
McGeehan, J.P. *see* Sun, Y. 118403
McGeehan, J.P. *see* Wijayasuriya, S.S.H. 99228
McGeehin, P. Self-diagnostic gas sensors which differentiate carbon monoxide from interference gases for residential applications 119760
McGehee, J. *see* Mahaffey, J. 112861
McGhee, D. *see* Cho, Y. 79994
McGhee, D. *see* Decker, G. 80150
McGhee, D.G. *see* Carwardine, J.A. 100425
McGhee, J., El-Fandi, M., Henderson, I.A., Sankowski, D., Lobodzinski, W. Time varying digital filter for recursive frequency analysis 93599
McGhee, R.B. *see* Bachmann, E.R. 88790
McGibbon, A. Virtual LANs come of age 98654
MacGibbons, B.S. *see* Fardi, B. 104094
MacGill, R.A. *see* Nikolaev, A.G. 114500
McGill, S., Juker, D., Kropf, P. Appropriately placed surface EMG electrodes reflect deep muscle activity (psoas, quadratus lumborum, abdominal wall) in the lumbar spine 120432
McGill, T., Snr. *see* Anderson, K. 97160
McGill, T.C. *see* Liu, Y.X. 114685
McGill, T.C. *see* McCaldin, J.O. 74323
McGill, T.C. *see* Marquardt, R.R. 74683
McGill, T.C. *see* Ting, D.Z.-Y. 85311
McGillis, D. *see* Belenguer, E. 80960
McGillis, D.T., Toussaint, M., Galiana, F.D., Joos, G., Marceau, R., Atanackovic, D., Cheng, J. An investigation into the realities of FACTS devices 70836
MacGillivray, G. *see* Brewster, R. 60879
McGilp, J.F. A review of optical second-harmonic and sum-frequency generation at surfaces and interfaces 96672
McGinley, B.J. *see* Amini, A. 70082
McGinley, J. *see* Trott, A. 86232
McGinnis, B.P. *see* Sokoloff, J.P. 76159
McGinnis, D. *see* Herrup, D.A. 89861
McGinnis, D. *see* Holmes, S.D. 79938
McGinnis, D. *see* Junck, K. 89862
McGinnis, D. *see* Tweedy, J. 90973
McGinniss, V. *see* Ridgway, R. 95782
McGinty, V. Wire bonding for multi-chip modules 94128
McGlone, J.C. *see* McKeown, D.M. 70551
McGoldrick, P. New vocoder modeling doubles recording time 78268
McGoldrick, P. Controller IC simplifies hot-swapping of boards 83248
McGoldrick, P. 27-GHz process makes unique parts for RF transceivers 88200
McGoldrick, P. Filter IC eliminates need for precision and discrete parts 93561
McGoldrick, P. Low cost IC provides quality video conversion 98059
McGoldrick, P. DAC converts 20 IF channels to baseband 104620
McGoldrick, P. Video-compression chip is the first to use wavelets 109278
McGourty, J., Tarshis, L.A., Dominick, P. Managing innovation: lessons from world class organizations 72158
McGow, F. *see* Trager-Cowan, C. 75953
McGowan, A. *see* Card, J. 72318
McGowan, C., Reid, D.T., Ebrahimzadeh, M., Sibbett, W. Continuously tunable femtosecond pulses covering 2.1-2.5 μm from an optical parametric oscillator based on $RbTiOAsO_4$ 65508
McGowan, I.G. *see* Jeffries, W.Q. 102551
McGowan, J.G. *see* Jeffries, W.Q. 91407
McGowan, R.C. *see* Kosinski, J.A. 106416
McGowan, U., Seton, J., Cargill, M. A collaborating colleague model for inducting international engineering students into the language and culture of a foreign research environment 103320
McGowin, E., III *see* Rash, C.E. 119794
McGrail, A.J. *see* Auckland, D.W. 70951
McGranaghan, M. Effects of voltage sags in process industry applications 91968
McGranaghan, M., Samotyj, M., Kennedy, B. Design of a workbook for analyzing utility/end user power quality concerns 70811
McGranaghan, M. *see* Bernard, S. 90923
McGranaghan, M. *see* Rauch, G.B. 121261
McGranaghan, M. *see* Tang, L. 91153
McGranaghan, M.F. *see* Le Tang 122103
McGranaghan, M.F. *see* Melhorn, C.J. 91241
McGranaghan, M.F. *see* Tang, L. 111488
McGrath, B.V. *see* Henry, L.J. 65487
McGrath, D., McGrath, S. A comparison between fuzzy c-means and fuzzy min-max methods for image segmentation 77120
McGrath, D.T., Pyati, V.P. Periodic structure analysis using a hybrid finite element method 116850
McGrath, F.J., O'Sullivan, P., Heaney, E., Dawe, G., St. Onge, O., Jackson, K., Kermarrec, C., Fahey, B. GaAs MMIC RF front end for PCS applications at 1.9 GHz 68144
McGrath, J. *see* Sannicandro, G. 110308
McGrath, P. Promoting resist adhesion [PCB manufacture] 94050
McGrath, P.B. *see* Guoxiang Xu 70947
McGrath, R.T. *see* Campbell, R.B. 69411
McGrath, R.T. *see* Veerasingam, R. 69385
McGrath, S. *see* McGrath, D. 77120
McGrath, W.R. Novel hot-electron bolometer mixers for submillimeter applications: an overview of recent developments 89048
McGrath, W.R. *see* Burke, P.J. 73158
McGrath, W.R. *see* Febvre, P. 68828
McGraw, R. *see* Moran, A. 73461
McGraw, R. *see* Moran, A. 104597
McGreer, K.A. *see* Cameron, R. 95808
McGregor, A. PCS1900 air interface 67593
McGregor, C. Building an integrated services backbone 78082
McGregor, D.R. *see* Adams-Melvin, B.L. 94098
McGregor, D.S., Antolak, A.J., Chui, H.C., Cross, E.S., Fang, Z.-Q., Flatley, J.E., Goorsky, M.S., Henry, R.L., James, R.B., Look, D.C., Mier, M.G., Morse, D.H., Nordquist, P.E.R., Olsen, R.W., Pocha, M., Schieber, M., Schlesinger, T.E., Soria, E., Toney, J.E., Van Scyoc, J., Yoon, H., Wang, C.L. The investigation of custom grown vertical zone melt semi-insulating bulk gallium arsenide as a radiation spectrometer 80153
McGregor, D.S., Antolak, A.J., Chui, H.C., Cross, E.S., Fang, Z.-Q., Goorsky, M.S., Henry, R.L., Look, D.C., Mier, M.G., Morse, D.H., Nordquist, P.E.R., Olsen, R.W., Pocha, M., Schieber, M., Schlesinger, T.E., Soria, E., Toney, J.E., Yoon, H., Wang, C.L. The investigation of custom grown vertical zone melt semi-insulating bulk gallium arsenide as a radiation spectrometer 92663
McGregor, D.S., Lindsay, J.T., Brannon, C.C., Olsen, R.W. Semi-insulating bulk GaAs thermal neutron imaging arrays 80059
McGregor, D.S., Lindsay, J.T., Brannon, C.C., Olsen, R.W. Semi-insulating bulk GaAs thermal neutron imaging arrays 100871
Macgregor, D.S. *see* Ogunjimi, A.O. 74627
McGregor, D.S. *see* Schieber, M. 110578
MacGregor, I. *see* Chan, A. 89594
MacGregor, J., Lee, E., Safayeni, F. Some effects of electronic mail use on the quality of relationships between different organizational functions 67714
McGregor, J. *see* Baroth, B.E. 79264
McGregor, J. *see* El-Diwany, M. 63967
McGregor, J.A. *see* Smith, M.J. 111245
McGregor, K. Active-material additives for high-rate lead/acid batteries: have there been any positive advances? 112254
McGregor, L. *see* Loez, A.M., Jr. 90844
McGregor, S.M., Dharmadasa, I.M., Wadsworth, I., Care, C.M. Growth of CdS and CdTe by electrochemical technique for utilisation in thin film solar cells 121889
MacGregor Smith, J. Topological network design of state-dependent queueing networks 98432
McGruer, N. *see* Zavracky, P.M. 84655
McGruer, N. *see* Zavracky, P.M. 92078
McGuffin, B.F. A bound on frequency hopped GSM performance in co-channel interference 68165
McGuffin, B.F. A bound on frequency hopped GSM performance in co-channel interference 118833
McGuigan, K.G. *see* Daly, S.E. 74123
McGuiggan, J.M. *see* Ives, J.R. 90526
McGuiggan, T., Radabaugh, S. Surface-mount connectors in a no-clean environment 83572
McGuinness, D.P., Redfern, M.A., Ormondroyd, R.F. Secure data communications over distribution feeder circuits for power system protection and control 102067
McGuire, A. *see* Masetti, F. 78317
McGuire, E.J. *see* Bailey, J.E. 69615
McGuire, G. *see* Calderbank, A.R. 66387
McGuire, G.E. *see* Auciello, O. 73949
McGuire, G.E. *see* Auciello, O. 74015
McGuire, G.E. *see* Cha-Mei Tang 73995
McGuire, G.E. *see* Palmer, D. 62571
McGuire, G.E. *see* Temple, D. 74001
McGuire, G.E. *see* Yadon, L.N. 74016
McGuire, J., Fisher, B., Kassebaum, R., Barstow, D., Rackley, K., Bixler, P., Jones, M., Hunt, J. The education element of the KidSat/Youth Enhancing Space Project 112778
McGuire, T. *see* Anerella, M.D. 90036
McGuirk, J.P. *see* Blackwell, K.G. 90802
Mach, R. *see* Mueller, G.O. 85296
Machac, J., Zehentner, J., Menzel, W. Short and open circuited slot line 93681
Machac, J., Zehentner, J., Menzel, W. Load impedances of complex slotline terminations 114201
Machac, P., Myslik, V., Vrnata, M. Comparison of alloying methods in preparation of Ge/Au/Ni contacts on n^+-GaAs 62402
Machaca Luque, W. *see* Jara Perez, M. 93645
Machado, A.M.Correa *see* Correa Machado, A.M.
Machado, F.L.A. *see* Mendes, K.C. 84787
Machado, J.M. *see* Barbosa, A.F. 101043
Machado, L.J.B. *see* Rolim, J.G. 101908
Machado, M.E.S. *see* Ferreira, P.A.V. 72514
Machado, R.Q. *see* Portolann, C.A. 102714
Machado, V.M. Eddy currents computation in saturable magnetic materials 106507
Machado da Silva, J., Silva Matos, Bell, I.M., Taylor, G.E. Use of power supply current and output voltage observation for testing large mixed-signal devices 93613
Machado da Silva, J., Silva Matos, J. Evaluation of i_{DD}/v_{OUT} cross-correlation for mixed current-voltage testing of analogue and mixed-signal circuits 73568
Machajdik, D. *see* Lalinsky, T. 63556
McHale, G., Newton, M.I., Hooper, P.D., Willis, M.R. Nickel phthalocyanine photovoltaic devices 116230
Machalett, F., Seidel, P., Heinz, E., Steinbeiss, E., Eick, T., Steenbeck, K., Brodkorb, W., Huebner, U. Submicron ion beam modification of high-T_c superconducting bridges 95457
Machara, K. *see* Nakamoto, M. 102516
Macharashvili, G. *see* Kacharava, A. 100812
McHardy, K.C. *see* Spencer, T. 110795
McHarg, B.B., Jr. *see* VanderLaan, J.F. 110036
Machcha, A.R., Azarian, M.H., Talke, F.E. An investigation of nano-wear during contact recording 106617
Machcha, A.R., McMillan, T.C., Talke, F.E., Tang, W.T. The tribology of tri-pad sliders with hydrogenated and nitrogenated disks 115684
Machel, G. *see* Schikora, D. 61233
Machel, G. *see* Schikora, D. 72789
Machel, G. *see* Widmer, T. 61186
Machelski, R. *see* George, P.K. 115727
Machelski, R.J. *see* Fernandez-de-Castro, J.J. 115708
Machenaud, H., Dupraz, B., Cante, C. The commissioning of Chooz B1 [nuclear plant] 111755
McHenry, M.E. *see* Gallagher, K. 115578
McHenry, M.E. *see* Kirkpatrick, E.M. 115529
Macher, A., Reichmann, K., Fruhwirth, O., Gatterer, K., Herzog, G.W. Perovskite versus spinel type NTC materials for application at elevated temperatures 104893
Machetanz, J. *see* Bischoff, C. 90465
Machias, A.V. *see* Skikos, G.D. 71200
Machias, A.V. *see* Skikos, G.D. 71212

Machida, A. *see* Okamura, H. 73294
Machida, A. *see* Suzuki, M. 61157
Machida, H. *see* Wakaki, M. 75476
Machida, K. *see* Izumi, H. 95347
Machida, K. *see* Mimura, Y. 75678
Machida, M. *see* Lebedev, S.V. 110513
Machida, M. *see* Moshkalyov, S.A. 94741
Machida, N., Furuya, K., Gault, M. Theoretical study of resonant tunneling diodes with impurity ions located in wells 105857
Machida, S. Parameter dependence of emittance growth due to space charge effects 79861
Machida, S., Yoshii, M., Mori, Y., Tokuda, N., Ishi, Y. Design study of antiproton accumulation and deceleration ring in the KEK PS complex 79814
Machida, S. *see* Kamigaki, Y. 98855
Machida, S. *see* Kamigaki, Y. 118724
Machida, S. *see* Sakai, I. 100718
Machida, S. *see* Shinto, K. 90092
Machidori, W. *see* Yamazawa, K. 64044
Machihara, F. A preemptive priority queue as a model with server vacations 60791
Machill, S., Rahner, D. Studies on the lithium insertion process at lithium-alloying anode materials 112237
Machin, D. Real-time facial motion analysis for virtual teleconferencing 118542
Machin, K.J. *see* Munshi, P. 90408
Machinski, R. *see* Johnson, M. 118323
Machizawa, A. Offset adjustment to reduce coding error of interpolative DPCM 77380
Machizuki, N. *see* Uchida, H. 71690
Machmoum, M. *see* Chevrel, P. 120989
Machner, H. COSY accelerator and first pion-production studies with the GEM detector system 120162
Machner, H. *see* Igel, S. 120205
Machowski, J., Nelles, D. A static VAR compensator control strategy to maximize power system damping 101819
McHugh, M.J. *see* Kumar, M. 87923
McHugh, R., Shaw, S., Taylor, N. The application of pixel based imaging to synthetic aperture sonar 68713
McHugh, R., Shaw, S., Taylor, N. Efficient digital signal processing algorithm for sonar imaging 88720
McHugh, S. *see* Abe, K. 69708
McHugh, S. *see* Abe, K. 69726
McHugh, T., Mumola, P. Visualizing film thickness via whole-wafer imaging 105530
McHugo, S.A. *see* Hieslmair, H. 105112
Machui, J., Bauregger, J., Riha, G., Schropp, I. SAW devices in cellular and cordless phones 109382
Machui, J. *see* Dill, R. 104671
Machui, J. *see* Manner, O. 106430
Machul, O., Hammerschmidt, D., Brockherde, W., Hosticka, B.J. Readout electronics with calibration and on-line test for resistive sensor bridges 119624
Machusak, D.A. *see* Heiser, E.A. 94059
Machusak, D.A. *see* Ray, U. 94081
Machusak, D.A. *see* Wenger, G.M. 92187
Machusak, D.M. *see* McCormack, M. 104944
Machut, C., Gaviot, E., Camberlein, L., Leclercq, D. A new Peltier sensor for measuring fluids thermal conductivity 119649
Machut, C. *see* Godts, P. 69551
Maci, S., Borselli, L., Rossi, L. Diffraction at the edge of a truncated grounded dielectric slab 76372
Maci, S., Raffaelli, S., Leoncini, M., Borselli, L., Kildal, P.-S. Analysis of surface-wave excitation and radiation mechanisms of a monopole on a circular grounded dielectric slab with critical thickness 108048
Maci, S., Tiberio, R., Toccafondi, A. Incremental diffraction coefficients for source and observation at finite distances from an edge 65758
Maci, S. *see* Capalino, F. 97280
Maci, S. *see* Capolino, F. 116864
Macia, E., Dominguez-Adame, F. Can fractal-like spectra be experimentally observed in aperiodic superlattices? 74447
Macido, D.L.De *see* De Macido, D.L.
Maciejewski, A.A. *see* English, J.D. 72356
Maciejewski, A.A. *see* Khawaja, K.W. 82287
Maciejewski, P.K. Elements of an approach to the assessment of random uncertainty in transient measurements 68943
Maciejko, R. *see* Adams, D.M. 116528
Maciejko, R. *see* Champagne, A. 65303
Maciejko, R. *see* Jianyao Chen 65288
Maciejko, R. *see* Jianyao Chen 85482
Maciejko, R. *see* Jianyao Chen 116532
Maciel, A.C. *see* Kiener, C. 62980
Maciel, H.S. *see* Mansano, R.D. 105703
Maciel, M.R.W. *see* Garcia Lopes, Y.J. 92346
Maciel, P., Barros, E. Capturing time constraints by using Petri-nets in the context of Hardware/Software codesign 73051
Macii, A., Macii, E., Wolf, T. Performance evaluation of input buffered ATM switch architectures: throughout, delay and packet loss analyses 118001
Macii, E., Poncino, M. Exact computation of the entropy of a logic circuit 93295
Macii, E., Poncino, M. Estimating power consumption of CMOS circuits modelled as symbolic neural networks 113907
Macii, E. *see* Evans, A.H. 113928
Macii, E. *see* Ferrandi, F. 83076
Macii, E. *see* Ferrandi, F. 93298
Macii, E. *see* Ferrandi, F. 113882
Macii, E. *see* Macii, A. 118001
McIlraith, A.L., Card, H.C. Birdsong recognition with DSP and neural networks 77009
McIlrath, L.D. A CCD/CMOS focal-plane array edge detection processor implementing the multiscale veto algorithm 108471
McIlvain, T.R. *see* Moore, S.C. 80234
McIlvaney, K. *see* Roberts, J.S. 96281
Macina, D. *see* Annis, P. 80121
Macina, D. *see* Di Capua, E. 110598
McInerney, E.J. Study of station flow dynamics in a sequential multiwafer chemical vapor deposition batch reactor using reactor modelling 82743
McInerney, J.G. *see* Chi Yan 64847
McInerney, M.F. *see* Shmelev, P.V. 77125
McInerney, M.K. *see* Croisant, W.J. 115499
McInerney, T., Terzopoulos, D. Deformable models in medical image analysis 110744
McInnes, A., Richards, J. Thermal effects in a coplanar-pumped folded-zigzag slab laser 75890
MacInnes, A. *see* Jenkins, P. 95709
MacInnes, C.S., Vaccaro, R.J. Tracking directions-of-arrival with invariant subspace updating 86188
McInnes, F. *see* Yoma, N.B. 97585
McInnes, J.A. *see* Butcher, P.N. 105415
McIntosh, E., Pettersson, T., Schmidt, F. A proposal for a numerical accelerator project 120060
McIntosh, K.A. *see* Brown, E.R. 69168
McIntosh, K.A. *see* Li, J. 100015
McIntosh, L.H. *see* Shick, R.A. 62536
McIntosh, P.A. RF cavity computer design codes 89961
McIntosh, P.A., Dykes, D.M. Cavity-beam instabilities on the SRS at Daresbury 89984
McIntosh, P.M. *see* Lu, K. 94923
McIntosh, R. *see* Galloway, J. 111213
McIntosh, R.E. *see* Firda, J.M. 111198
McIntosh, R.E. *see* Moller, D. 120835
McIntosh, R.E. *see* Sekelsky, S.M. 90780
McIntosh, S. *see* Davies, G. 67632
McInturff, A. *see* Burgett, W. 79856
McInturff, A. *see* Rodriguez-Mateos, F. 90046
McInturff, A.D., van Oort, J.M., Scanlan, R.M. Two alternate high gradient quadrupoles; an upgraded Tevatron IR and a "pipe" design 100414
McInturff, D. *see* Ralph, S.E. 116203
McInturff, D.T., Harmon, E.S., Chang, J.C.P., Pekarek, T.M., Woodall, J.M. The compensation and depletion behavior of iron doped GaAs grown by molecular beam epitaxy 104009
McIntyre, B.D. Pay for Knowledge [technician apprenticeship programme] 82112
McIntyre, D.C. *see* Seager, C.H. 64169
McIntyre, G.A., Hintz, K.J. An information theoretic approach to sensor scheduling 117354
McIntyre, L.J. *see* Bronowicki, A.J. 61456
McIntyre, M.D.W., Gossett, C.A. The Boeing 777 Fault Tolerant Air Data and Inertial Reference System–a new venture in working together 70366
McIntyre, P.M., Weijun Shen, Scanlan, R.M. 16 Tesla block-coil dipole for future hadron colliders 100461
McIntyre, R.J., Webb, P.P., Dautet, H. A short-wavelength selective reach-through avalanche photodiode 75732
McIntyre, R.J., Webb, P.P., Dautet, H. A short-wavelength selective reach-through avalanche photodiode 95991
McIntyre, S.M. *see* Sears, W.M. 74296
Maciolek, T. A condition of Polish State traction catenary diagnostic under changing technical standards 112521
Maciossek, A. *see* Lochel, B. 63991
Maciossek, A. *see* Loechel, B. 74911
McIsaac, A. *see* Casaubieilh, F. 82866
Maciunas, R.J. *see* Wang, M.Y. 70047
McIver, J.K. *see* Sanchez, D.J. 96587
McIvor, A.M. Robust 3D surface property estimation 86837
Mack, C.A. Optical proximity effects 74640
Mack, C.A. Optical proximity effects. Part 2 94859
Mack, C.A. Evaluating proximity effects using 3-D optical lithography simulation 115044
Mack, C.A., Matsuzawa, T., Sekiguchi, A., Minami, Y. Resist metrology for lithography simulation. I. Exposure parameter measurements 115048
Mack, C.A. *see* Sekiguchi, A. 115049
Mack, H., Mura, S. Current and potential uses of fibre optics in the ESTW L90 88545
Mack, K.-H. *see* Klein, U. 68815
Mack, L.A. *see* Ritchie, C.J. 69978
Mack, R.J. *see* Bensouiah, D.A. 93076
Mack, S. *see* Baumann, H. 64001
Mack, S. *see* Macek, M. 63414
Mack, S. *see* Martini, T. 63197
Mack, W.D. *see* Meyer, R.G. 104362
Mackamul, K. *see* Duran, G. 112402
Mackauer, J.J. *see* Kambale, P. 70727
McKay, C.M. *see* McDermott, H.J. 70224
MacKay, D.J.C., Neal, R.M. Near Shannon limit performance of low density parity check codes 108127
Mackay, G.F. *see* Tarr, N.G. 120553
Mackay, G.I. *see* Schiff, H.I. 70519
Mackay, G.I. *see* Schiff, H.I. 70533
McKay, J. *see* Casperson, D. 72616
McKay, J.W. High mass tandem beams 79884
McKay, M. *see* Stieber, M.E. 108592
Mckay, N. *see* Galagedera, S.B. 90216
McKay, N. *see* Galagedera, S.B. 100941
McKay, R. *see* Crawley, H.B. 93528
Mackay, W.W., Blaskiewicz, M., Deng, D., Mane, V., Peggs, S., Ratti, A., Rose, J., Shea, T.J., Wei, J. Estimation of collective instabilities in RHIC 89986
MacKay, W.W. *see* Wei, J. 89880
Macke, B. *see* Fettouhi, N.E. 76208
McKeag, R.D. *see* Whitfield, M.D. 89096
McKean, J.W., Naranjo, J.D., Sheather, S.J. Diagnostics to detect differences in robust fits of linear models 103593
McKearny, B. The asynchronous DRAM: SDRAM 93375
McKee, A. *see* Ooi, B.S. 95777
McKee, B. *see* Bane, K. 89979
McKee, C.B. *see* Barnett, G.A. 96489
McKee, D.C., Bandera, C., Gihosal, S., Rauss, P. Model-based automatic target recognition using hierarchical foveal machine vision 117631
McKee, D.C. *see* Ghosal, S. 86444
McKee, S. *see* Jones, S. 89177
McKee, T.J. How lasers mark 65579
McKee, W.R., McAdams, H.P., Smith, E.B., McPherson, J.W., Janzen, J.W., Ondrusek, J.C., Hyslop, A.E., Russell, D.E., Coy, R.A., Bergman, D.W., Nguyen, N.Q., Aton, T.J., Block, L.W., Huynh, V.C. Cosmic ray neutron induced upsets as a major contributor to the soft error rate of current and future generation DRAMs 93387
McKeen, T. *see* Stapleton, S.P. 117070
McKeen, T. *see* Stapleton, S.P. 119001
McKeever, J.W. *see* Fang Zheng Peng 112173
McKeever, J.W. *see* Jih-Sheng Lai 71541
McKeever, J.W. *see* Young, R.W., Sr. 71806
McKeever, S.W.S. *see* Akselrod, M.S. 110983
McKellar, D.P. *see* Dominguez, C.O. 110880
McKelvey, B.L., Ufford, D.A. Implementation and deployment of a design for environment (DFE) initiative for military electronics at Texas Instruments' Defense Systems and Electronics Group 60761
McKelvey, B.L. *see* Ufford, D.A. 60735
McKelvey, T. *see* Ljung, L. 117339
McKendree, T.L. Implications of molecular nanotechnology technical performance parameters on previously defined space system architectures 120580
McKenna, M. *see* Hucho, C. 106642
McKenna, M.J. *see* Gang Zhou 82748
McKenna, M.J. *see* Hong Zhang 106643
McKenna-Lawlor, S. *see* Klima, M. 117874
McKenna-Lawlor, S.M.P. *see* Keating, J.G. 77521
McKenney, K., Peasley, J. Environmental stress screening. Using accelerated testing techniques to improve product quality 60561
McKenzie, A.L. *see* Morgan-Fletcher, S. 90580
McKenzie, B.K., Mims, N.G., Davidson, T.J., Hurt, J., Clay, M.N. The design and development of a distance education training model 92055
McKenzie, F.D. *see* Gonzalez, A.J. 81038
McKenzie, I. *see* Farnham, R. 71001
Mackenzie, J. *see* Guerreiro, P.T. 65237
Mackenzie, J. *see* Guerreiro, P.T. 94562
McKenzie, J. *see* Yicheng Lu 110196
MacKenzie, J.D., Abernathy, C.R., Pearton, S.J., Hommerich, U., Wu, X., Schwartz, R.N., Wilson, R.G., Zavada, J.M. Er doping of AlN during growth by metalorganic molecular beam epitaxy 113287
Mackenzie, J.D., Abernathy, C.R., Stewart, J.D., Muhr, G.T. Growth of Group III nitrides by chemical beam epitaxy 103877
MacKenzie, J.D. *see* Geerts, W. 94355
MacKenzie, J.D. *see* Mileham, J.R. 84119
Mackenzie, J.D. *see* Park, S.S. 89186
Mackenzie, J.D. *see* Pearton, S.J. 74521
MacKenzie, J.D. *see* Pearton, S.J. 84080
MacKenzie, J.D. *see* Pearton, S.J. 114890
MacKenzie, J.D. *see* Ren, F. 114963
MacKenzie, J.D. *see* Vartuli, C.B. 105648
MacKenzie, J.D. *see* Vartuli, C.B. 114949
Mackenzie, J.P., Kale, I., Cain, G.D. Coefficient sensitivity of state-space digital filters derived using balanced model truncation 93581
Mackenzie, J.P. *see* Kale, I. 66853
McKenzie, J.S., Voss, G.M. Solenoid design for MAST 107814
McKenzie, L. *see* Almaini, A.E.A. 108121
Mackenzie, L.M. *see* Ould-Khaoua, M. 93011
MacKenzie, R. *see* Hendrickson, L. 100556
McKenzie, R.H. *see* Dunford, R.B. 105287
McKeon, M. *see* Deffner, G. 89395
McKeown, D.M., Gifford, S.J., McGlone, J.C., Cochran, S.D., Harvey, W.A., Polis, M.F., Shufelt, J.A., Ford, S.J., Hsieh, Y.C., Roux, M. Research in the automated analysis of remotely sensed imagery: 1993-1994 70551
McKeown, J. *see* Burns, P. 100761
McKeown, N., Anantharam, V., Walrand, J. Achieving 100% throughput in an input-queued switch 87309
McKeown, N., Prabhakar, B. Scheduling multicast cells in an input-queued switch 87306
McKeown, N. *see* Edell, R.J. 67579
McKeown, N. *see* Mekkittikul, A. 109614

McKeown, T., Malley, K. A strategic plan for building an information infrastructure: a case for the US Department of Treasury 87773

Mackerle, J. FEM and BEM in geomechanics: Foundations and soil-structure interaction–A bibliography (1992-1994) 72731

McKerley, C.W. A model for a two degree of freedom coupled seeker with mass imbalance 101488

MacKerrow, E.P., Tiee, J.J., Fite, C.B., Schmitt, M.J., Whitehead, M.C., Nemzek, R.J., Busch, G.E., Quick, C.R., Remelius, D., Schafstall, P.J., Thompson, D.C. Laser speckle effects on hard target differential absorption lidar 109804

McKerrow, P.J. *see* Harper, N.L. 80497

Mackett, P. *see* Capper, P. 94719

Mackett, P. *see* Wasenczuk, A. 74235

Mackey, C.A., Carothers, J.D. Performance-driven macrocell placement 104447

Mackh, G. *see* Hellmann, R. 74401

Mackh, G. *see* Litz, T. 64913

Mackh, G. *see* Yakovlev, D.R. 62885

McKibben, J. *see* Parodi, M.L. 89456

McKiddie, F.I. *see* Dymond, R.C. 80251

Mackie, B.R. The implementation of a digital signal processing-based imaging system in a closed loop video feedback (VFCL) manufacturing environment 97979

Mackie, T.R. *see* McNutt, T.R. 80443

Mackie, T.R. *see* McNutt, T.R. 110897

Mackie, W.A., Emery, W.L. Miniature flash heated field emitter structures 74041

Mackie, W.A., Tianbao Xie, Davis, P.R. Hafnium carbide films and film-coated field emission cathodes 104994

Mackie, W.A. *see* Davis, P.R. 73952

Mackie, W.A. *see* Hartman, R.L. 73935

Mackie, W.A. *see* Hartman, R.L. 83699

Mackie, W.A. *see* Tianbao Xie 74042

Mackie, W.A. *see* Xie, T. 83712

MacKie-Mason, J., Shenker, S., Varian, H.R. Service architecture and content provision: The network provider as editor 67786

MacKie-Mason, J.K., Murphy, J., Murphy, L. Using price feedback for ATM efficiency 67646

McKim, G. *see* Cronin, B. 77924

McKim, H.L. *see* Hirsave, P.P. 120844

McKinley, J.M., Richardson, K.A., Hagedorn, F.B., Cashion, W.F. Characterization of candidate bonding glasses for composite IR window structures 75390

McKinley, P.K. *see* Huang, Y. 98790

McKinley, P.K. *see* Yih Huang 87706

McKinney, B.T. Designed system-level accelerated reliability testing 60719

McKinney, P.J. *see* Davidson, J.H. 96963

McKinnie, I.T. Ultraviolet and infrared excitation in chromium forsterite 96164

McKinnie, I.T., Gloster, L.A.W., Jiang, Z.X., King, T.A. Chromium-doped forsterite: the influence of crystal characteristics on laser performance 107203

McKinnie, I.T., Gloster, L.A.W., Oien, A.M., King, T.A. The role of active ion concentration in tuned chromium forsterite oscillators 96165

McKinnon, G.C., Debatin, J.E., Leung, D.A., Wildermuth, S., Holtz, D.J., Von Schulthess, G.K. Towards active guidewire visualization in interventional magnetic resonance imaging 80349

McKinnon, G.C. *see* Debatin, J.F. 80348

MacKinnon, M.A. *see* Royle, M.C. 100259

McKinnon, W.R. *see* Hurd, C.M. 119673

McKirdy, D.McA. *see* Carr, C. 92996

McKirdy, I. *see* Clark, A.J. 112244

Mackisack, M.S., Stillman, R.H. A cautionary tale about Weibull analysis [reliability estimation] 82335

McKisson, J.E., Henderson, D.P., Jr., Haskins, P.S. Modifications to MCNP to provide coincident data files for use in Compton camera geometry studies 101041

McKisson, J.E., Henderson, D.P., Jr., Neelands, K.E., Haskins, P.S. Design study simulations of a Compton camera for radioactive waste container imaging 101042

McKisson, J.E. *see* Haskins, P.S. 90152

McKisson, J.E. *see* Haskins, P.S. 101036

McKittrick, J. *see* Hirata, G.A. 82717

McKittrick, J. *see* Malinowski, M.E. 74019

Macklin, W.J. *see* Neat, R.J. 112221

Macknelly, A. *see* Kerrison, A. 108981

McKnight, D.J. *see* Narayanswamy, R. 90488

Macko, P. *see* Ballo, P. 105242

Macko, S.J. *see* Allen, S.T. 62273

Macko, S.J. *see* Allen, S.T. 106039

Mackowiak, T. RapidScene photogrammetry and visualization system 117649

Macks, L.D., Brown, S.A., Clark, R.G., Starrett, R.P., Reed, M.A., Deshpande, M.R., Fernando, C.J.L., Frensley, W.R. Resonant tunneling in double-quantum-well triple-barrier heterostructures 105356

McKuhen, R. *see* Sawkar, S.S. 89437

McL Smith, D.A. *see* Wright, J. 107501

McLachlan, A., Lowe, D. Tracking of non-stationary time-series using resource-allocating RBF networks 111543

McLachlan, G.J., Peel, D., Whiten, W.J. Maximum likelihood clustering via normal mixture models 67061

MacLachlan, J.A. *see* Bhat, C.M. 89971

Macland, O.A. *see* Alvsvaag, S.J. 90124

McLane, G.F., Flemish, J.R. High etch rates of SiC in magnetron enhanced SF$_6$ plasmas 74592

McLane, G.F., Monahan, T., Eckart, D.W., Pearton, S.J., Abernathy, C.R. Magnetron reactive ion etching of group III-nitride ternary alloys 84135

McLane, G.F. *see* West, L.C. 85077

McLane, G.F. *see* West, L.C. 95818

McLane, G.F. *see* West, L.C. 96056

McLane, P.J. *see* Majeed, R.M. 78631

McLane, P.J. *see* Sunay, M.O. 68239

McLane, P.J. *see* Sunay, M.O. 77697

McLane, P.J. *see* Sunay, M.O. 88124

MacLaren, J.M., Huang, W. Theoretical predictions of the polar Kerr effect in Fe and Co 75119

MacLaren, J.M. *see* Huang, W. 75120

McLaren, P. *see* Kuffel, R. 80756

McLaren, P. *see* Kuffel, R. 80795

McLaren, P. *see* Kuffel, R. 101704

McLaren, P. *see* Swift, G. 81528

McLaren, P.G., Dirks, E.N., Jayasinghe, R.P., Fernando, I., Swift, G.W., Zhang, Z. An accurate software model for off-line assessment of a digital relay 81140

Mclaren, P.G., Dirks, E.N., Jayasinghe, R.P., Fernando, I., Swift, G.W., Zhang, Z. An accurate software model for off-line assessment of a digital relay 102274

McLaren, P.G., Swift, G.W., Zhang, Z., Dirks, E., Jayasinghe, R.P., Fernando, I. A new positive sequence directional element for numerical distance relays 81146

McLaren, P.G., Swift, G.W., Zhang, Z., Dirks, E., Jayasinghe, R.P., Fernando, I. A new positive sequence directional element for numerical distance relays 102261

McLaren, P.G. *see* Benzheng Xiao 77455

McLaren, P.G. *see* Benzheng Xiao 80970

McLaren, P.G. *see* Fernando, I.T. 81141

McLaren, P.G. *see* Mohaddes, M. 81552

McLaren, P.G. *see* Song, J. 81184

McLaren, P.G. *see* Woodford, D.A. 91118

McLaren, R. *see* Costa, M. 90231

McLaren, R. *see* Costa, M. 100982

McLaren, T. *see* Berseth, W. 85202

Mclaren, T.S. *see* Morozov, V.N. 116282

McLarnon, F.R. *see* Taucher, W. 121848

McLarty, P. *see* Morfouli, P. 63668

McLarty, P. *see* Morfouli, P. 94960

McLarty, P. *see* Morfouli, P. 94968

McLarty, P.K. *see* Alok, D. 105596

McLarty, P.K. *see* Perkinson, T.L. 94652

McLarty, P.K. *see* Sridevan, S. 105719

McLarty, P.K. *see* Vogel, E.M. 63658

McLauchlan, R.A. *see* Gelli, K. 77122

McLaughlin, A. *see* Rajapakse, J.C. 69935

McLaughlin, A.C. *see* Ye, F.Q. 120338

McLaughlin, C.D. *see* Willis, K.J. 103344

McLaughlin, D., Allan, N., Twarog, E. Coherent sea clutter signatures observed with a high-resolution X-band radar 99648

McLaughlin, D.J. *see* Allan, N. 111290

McLaughlin, D.J. *see* Wu, Y. 78978

McLaughlin, J., Maguire, P., Molloy, J., Laverty, S., Anderson, J. High rate deposition of thin film ZnS:Mn prepared by pulsed laser deposition 82749

McLaughlin, K. *see* Bernadas, S. 79200

McLaughlin, L., Jirmanus, M. Ultra-low temperatures at high magnetic fields 64577

McLaughlin, R. Near term and future applications of millimetre waves to wireless systems 65854

McLaughlin, S. *see* Chen, S. 108747

McLaughlin, S. *see* Fackrell, J.W.A. 117383

McLaughlin, S. *see* Fackrell, J.W.A. 117494

McLaughlin, S. *see* Ki Yong Lee 108216

McLaughlin, S. *see* Stogioglou, A.G. 86216

McLaughlin, S. *see* Stogioglou, A.G. 117496

McLaughlin, S. *see* Vasic, B. 97408

McLaughlin, S.C. *see* Macfarlane, P.W. 90510

McLaughlin, S.W., Jian Luo, Qun Xie On the capacity of M-ary run-length-limited codes 66321

McLaughlin, W.L., Puhl, J.M., Al-Sheikhly, M., Christou, C.A., Miller, A., Kovacs, A., Wojnarovits, L., Lewis, D.F. Novel radiochromic films for clinical dosimetry 120566

McLaughlin, W.L. *see* Mincher, B.J. 120561

McLay, R.W., Wilder, D.G., Molloy, M.K. Ergonomics, spinal injury, and industrial vehicle safety 69913

McLean, A. *see* Lisboa, O. 64649

McLean, B. *see* Alsaka, Y.A. 110921

McLean, C. *see* D'Auria, S. 116112

McLean, C.J. *see* Ooi, B.S. 95777

McLean, D., Gray, J.E. K-characteristic photon absorption from intensifying screens and other materials: theoretical calculations and measurements 90483

McLean, D.G. *see* Brant, M.C. 107449

McLean, F. *see* Beattie, D.J. 81288

MacLean, H. *see* Horvath, A. 72384

McLean, J. *see* Rivest, J.-F. 110691

McLean, J.A. Older oil filled electrical switchgear 71572

McLean, J.S. A re-examination of the fundamental limits on the radiation Q of electrically small antennas 65979

McLean, J.W. Inductor design using amorphous metal C-cores 104907

McLean, J.W., Freeman, J.D. Effects of ocean waves on airborne lidar imaging 88713

McLean, P.A. *see* Hastings, N.E. 109057

MacLean, R. *see* Larmour, B. 60535

McLean, W., II *see* Warner, B.E. 60586

McLellan, J.F. *see* Yang Gao 68759

Mclelland, H. *see* Carmona, H.A. 62820

McLelland, H. *see* Carmona, H.A. 105259

McLelland, H. *see* Nogaret, A. 63033

McLelland, M.L. *see* Chau, S.N. 80566

Mclenaghan, A.J. *see* Chien-Hsing Wu 62488

McLenaghan, A.J. *see* Huang, C.-Y. 62478

McLenaghan, A.J. *see* Huang, C.-Y. 104958

McLenaghan, A.J. *see* Thomas, S. 94078

McLeod, A. The impact and effectiveness of low-cost automated video surveillance systems 119492

MacLeod, A.M. *see* Knippels, G.M.H. 65377

Mcleod, B., Fabricant, D., Geary, J., Szentgyorgyi, A. Wide-field CCD imager for the 6.5m MMT telescope 100135

McLeod, C.N. *see* Shi, Y. 101358

Macleod, H.A. The design of optical coatings 116190

Macleod, I. *see* Tang, H. 97974

Macleod, I. *see* Xun Qu 78527

Macleod, M.D. *see* Dempster, A.G. 83216

Macleod, M.D. *see* Lim, T.J. 66649

MacLeod, N.M. *see* Luckett, M.J. 81011

McLeod, R.D., Scott, P.A. Tools for rapid prototyping and microelectronic system design 73048

McLeod, R.D. *see* Zaifu Zhang 61819

McLeod, R.D. *see* Zaifu Zhang 93305

MacLeod, R.W. *see* Jillings, C.J. 74083

MacLeod Ross, W., Leonida, G. General principles of design and layout (of printed board assemblies) 104930

McLernon, D. *see* Brandao, A. 88349

McLernon, D.C. On finite word effects in two-dimensional multirate periodically time-varying filters 86197

McLernon, D.C. *see* Rush, G.E. 72339

McLevige, W.V. *see* Motamedi, M.E. 100116

McLin, M.G. *see* Jie Shi 81659

McLoskey, D., Birch, D.J.S., Sanderson, A., Suhling, K., Welch, E., Hicks, P.J. Multiplexed single-photon counting. I. A time-correlated fluorescence lifetime camera 89144

McLoskey, D. *see* Suhling, K. 89145

MacMahon, H. *see* Carlin, M.D. 110729

MacMahon, H. *see* Kobayashi, T. 101235

McMahon, J.S., Teitelbaum, K. Space-time adaptive processing on the Mesh Synchronous Processor 76947

McMahon, M. *see* Eggers, M. 69338

McMahon, O.B. *see* Agi, K. 100276

McMahon, O.B. *see* Brown, E.R. 63551

McMahon, R.A. *see* Carter, D.R.H. 82922

McMahon, R.A. *see* Gordon, B.M. 121998

McMahon, T.J. Cell shunt resistance and PV module ratings 112355

McMahon, T.J., Bennett, M.S. Metastable shunt paths in a-Si solar cells 103020

McMahon, T.J. *see* Rummel, S.R. 112381

McMakin, D.L., Sheen, D.M., Collins, H.D. Remote concealed weapons and explosive detection on people using millimeter-wave holography 112837

McMakin, D.L. *see* Sheen, D.M. 117646

McManamey, J.R. *see* Hilgers, J.W. 67388

McManus, A. *see* Jackson, G. 100728

McManus, J.M., Ross, K.W. Video on demand over ATM: constant-rate transmission and transport 88828

McManus, J.M., Ross, K.W. Video-on-demand over ATM: constant-rate transmission and transport 98368

McManus, K.R. *see* Davis, S.J. 107053

McMarr, P.J. *see* Campbell, P.M. 105709

McMaster, T.J. *see* Pidduck, A.J. 95839

McMasters, O.D. Development, application, markets, and patent situation of magnetostrictive TERFENOL-D 106634

McMichael, D.W. Automatic complexity models with the EMS algorithm 117269

McMichael, F. *see* Horvath, A. 72384

McMichael, F.C. *see* Cobas-Flores, E. 81731

McMichael, G. *see* Spence, D. 69693

McMichael, G.E. *see* Gillespie, G.H. 79908

McMichael, G.E. *see* Imel, G.R. 110497

McMichael, G.E. *see* Singleterry, R.C., Jr. 79807

McMichael, I., Christian, W., Pletcher, D., Chang, T.Y., Hong, J.H. Compact holographic storage demonstrator with rapid access 64627

McMichael, R.D., Watanabe, T., Dura, J.A., Borchers, J.A., Chen, P.J., Brown, H.J., Egelhoff, W.F., Jr. Origins of coercivity increase in annealed symmetric spin valves 115632

McMichael, R.D. *see* Atzmony, U. 64306

McMichael, R.D. *see* Egelhoff, W.F., Jr. 115863

McMichael, R.D. *see* Nikitenko, V.I. 79655

McMichael, R.D. *see* Nikitenko, V.I. 115633

McMillan, A. *see* Fathi, Z. 65867

McMillan, R. *see* Davidson, I. 112240

McMillan, R.S. *see* Shu, Z.X. 81699

McMillan, R.S. *see* Shu, Z.X. 102952

McMillan, R.W., Summers, C.J., Torabi, A., Harris, H.M., Wiltse, J.C., Griffin, D.W. Quasi-optical power-combining arrays at K$_a$-band 73713

McMillan, R.W. *see* Currie, N.C. 119722

McMillan, R.W. *see* Fu Jiang Liao 73142

McMillan, T.C. *see* Machcha, A.R. 115684
McMillen, D.F. *see* Riris, H. 110429
McMillen, D.K. *see* Feng Zhao 115978
McMillen, D.K. *see* Jianzhong Zhang 65568
McMillen, D.K. *see* Mingzhe Lu 117762
McMillen, D.K. *see* Yu, F.T.S. 86970
McMonagle, J. *see* Bett, T.H. 85419
McMordie, J.A. Conceptual design of 100 TW solid state laser system 85413
McMorrow, D., Weatherford, T.R., Buchner, S., Knudson, A.R., Melinger, J.S., Lan Hu Tran, Campbell, A.B., III Single-event phenomena in GaAs devices and circuits 70334
McMorrow, D., Weatherford, T.R., Knudson, A.R., Buchner, S., Melinger, J.S., Lan Hu Tran, Campbell, A.B., Marshall, P.W., Dale, C.J., Peczalski, A., Baier, S. Charge-collection characteristics of GaAs heterostructure FETs fabricated with a low-temperature grown GaAs buffer layer 74743
McMorrow, D., Weatherford, T.R., Knudson, A.R., Buchner, S., Melinger, J.S., Lan Hu Tran, Campbell, A.B., Marshall, P.W., Dale, C.J., Peczalski, A., Baiers, S. Charge-collection characteristics of GaAs heterostructure FETs fabricated with a low-temperature grown GaAs buffer layer 106046
McMorrow, D. *see* Buchner, S. 61723
McMorrow, D. *see* Buchner, S. 70313
McMorrow, D. *see* Buchner, S. 73389
McMorrow, D. *see* Buchner, S. 104554
McMullin, P.G. *see* Agarwal, A.K. 105997
McMurchie, L. *see* Cronquist, D.C. 61560
McMurdie, N.D., O'Dwyer, J.B. Novel main chain scission positive tone photoresists for 248 nm lithography with wide post exposure processing latitude as an alternative to chemically amplified systems 105783
McMurdie, N.D. *see* Kahle, C.F., II 104953
McMurran, J., Todd, M., Kouvetakis, J., Smith, D.J. Low temperature inorganic chemical vapor deposition of heteroepitaxial GaN 82599
McMurray, R. *see* Khattatov, B.V. 120783
McMurtrie, J. The Wylfa electrical overlay system 111722
McMurtry, P.A. *see* Guilkey, J.E. 119953
McNab, A. *see* Dunlop, I. 82796
McNab, A. *see* Gachagan, A. 104221
McNab, A. *see* Pierce, S.G. 110176
Macnab, A.J., Gagnon, R.E. Electromagnetic interference testing of somatosensory and near infrared devices used in the microgravity and hospital environments 90267
McNabb, J.W., Craighead, H.G. Ballistic electron emission microscopy studies of electron scattering in Au/GaAs Schottky diodes damaged by focused ion beam implantation 63554
McNair, P.A.C. *see* Cook, R.J. 76618
McNally, B.D. *see* Cohen, C.E. 70392
McNally, J. *see* Smith, M.W. 112124
McNally, P.J., Herbert, P.A.F., Tuomi, T., Karilahti, M., Higgins, J.A. Analysis of the impact of dislocation distribution on the breakdown voltage of GaAs-based power varactor diodes 74678
McNally, P.J., Tuomi, T., Herbert, P.A.F., Baric, A., Ayras, P., Karilahti, M., Lipsanen, H., Tromby, M. Synchrotron X-ray topographic analysis of the impact of processing steps on the fabrication of AlGaAs/InGaAs p-HEMT's 74766
McNally, P.J. *see* Islam, M.S. 63096
McNamara, B. *see* Popescu, V. 82856
McNamara, D.A. *see* Hildebrand, L.T. 116980
McNamara, D.A. *see* Roberts, A.R. 117013
McNary, A.J., Puri, A. Quantum chaos in a double barrier heterostructure 83903
McNaught-Davis Hess, K., Fague, D.E. Performance evaluation of a single chip radio transceiver 109539
McNaughtan, A. Sensors and instrumentation systems–best practice in education: undergraduate projects 72128
McNeff, J.G. *see* Shirer, H.O. 88753
McNeil, J.R. *see* Minhas, B.K. 115091
McNeil, J.R. *see* Prins, S.L. 115089
McNeil, J.R. *see* Raymond, C.J. 84508
McNeil, J.R. *see* Raymond, C.J. 112990
McNeil, J.R. *see* Raymond, C.J. 115090
McNeil, M. *see* Cain, W. 115667
McNeil, M.A. *see* Mours, B. 120196
McNeill, D.K., Card, H.C. Adaptive compression of animated sequences 77297
McNeill, D.W. *see* Montgomery, J.H. 82718
McNeill, J.N. *see* Tooth, D.J. 121584
McNeill, N., Finney, S.J., Williams, B.W. Assessment of off-state negative gate voltage requirements for IGBTs 115187
McNeill, S.R. *see* Helm, J.D. 117577
McNergney, R.F. *see* Larsen, V. 98689
McNiff, J., Boardman, A.D., Booth, K. Microwave measurement of the nonlinear refractive index of PZT 69459
McNulty, I. *see* Randall, K.J. 89635
McNulty, P.J. Single-event effects experienced by astronauts and microelectronic circuits flown in space 70331
McNulty, P.J., Reed, R.A., Beauvais, W.J., Roth, D.R. Shape of the response curve in SEU testing 104563
McNutt, T. *see* Paliwal, B.R. 120505
McNutt, T.R., Mackie, T.R., Reckwerdt, P., Paliwal, B.R. Modeling dose distributions from portal dose images using the convolution/superposition method 110897
McNutt, T.R., Mackie, T.R., Reckwerdt, P., Papanikolaou, N., Paliwal, B.R. Calculation of portal dose using the convolution/superposition method 80443
McNutt, W.J., Provost, R.L., Whearty, R.J. Thermal life evaluation of high temperature insulation systems and hybrid insulation systems in mineral oil 102787
Macon, M.W. *see* Kossentini, F. 86093
Macori, V. *see* Heide, P. 89506
McParland, C. *see* Klein, S.R. 90223
McParland, C. *see* Klein, S.R. 100976
McPhail, D. Screen printing is a science, not an art [SMT PCBs] 83616
McPhedran, R.C., Dawes, D.H., Botten, L.C., Nicorovici, N.A. On-axis diffraction by perfectly conducting capacitive grids 107873
McPhedran, R.C. *see* Vlassis, M. 75489
McPhedran, R.C. *see* Vlassis, M. 95673
McPhee, A. *see* Zeitoun, Ph. 75781
MacPhee, A.G. *see* Smith, C.G. 107039
McPhee, A.G. *see* Zhang, J. 96102
McPherson, D. *see* Sowers, J. 97367
MacPherson, D.C. *see* Eickhoff, M.L. 96727
McPherson, D.D. *see* Chandran, K.B. 80202
Macpherson, D.E., Reddy, E.A. Decision support power electronic systems design software 93062
Macpherson, D.E., Reddy, E.A. Expert system based switched mode power supply design 113760
Macpherson, D.E. *see* Amarnath Reddy, E. 102839
MacPherson, G. Why call centers won't escape the World Wide Web 87684
McPherson, H. *see* Vilar, E. 97136
McPherson, J., Rost, T., Dickerson, K. Wafer-level reliability testing 112858
McPherson, J.W., Bishel, G.R., Ondrusek, J.C., Swanson, L.S., Reddy, V.K. VLSI corrosion models: a comparison of acceleration factors 63446
McPherson, J.W. *see* Le, H.A. 74620
McPherson, J.W. *see* McKee, W.R. 93387
MacPherson, K., Banerjee, P. Parallel algorithms for VLSI layout verification 104279
MacPherson, W.H. *see* Vacek, R.M. 80544
MacPhie, A., Anderson, P., Boyd, G. Effect of process and etch variables on contact resistance 105457
MacPhie, R.H. *see* Do-Nhat, T. 85824
MacPhie, R.H. *see* Zhongxiang Shen 117016
MacPhie, R.H. *see* Zhongxiang Shen 117026
Macq, B. *see* Marichal, X. 86314
Macq, B. *see* Michel, C. 90490
Macq, B. *see* Thiran, J.-P. 110770
Macq, D., Chang, Z.-Y., Boxho, J., Haspeslagh, D. A CMOS activity detector for ADSL link 67968
Macq, D. *see* Chang, Z.Y. 104684
Macqueen, J.F. *see* Suzuki, H. 90942
McQuiggan, G. *see* Southall, L. 111812
McQuoid, H. *see* Barbato, G. 68958
McRae, A. *see* Dunbar, J. 72446
McRae, D.A., Esrick, M.A. Deconvolved electrical impedance spectra track distinct cell morphology changes 70141
McRae, T. *see* Kulp, T.J. 89151
Macrakis, M.S. Aspects of R&D and their impact on institutional issues: the case of AT&T 98558
Macready, W.G., Wolpert, D.H. What makes an optimization problem hard? 60880
MacReynolds, K. *see* Stubenrauch, C.F. 108058
Macrez, J. *see* Logeay, Y. 90997
Macri, J.R., Apotovsky, B.A., Butler, J.F., Cherry, M.L., Dann, B.K., Drake, A., Doty, F.P., Guzik, T.G., Larson, K., Mayer, M., McConnell, M.L., Ryan, J.M. Development of an orthogonal-stripe CdZnTe gamma radiation imaging spectrometer 80155
Macri, J.R., Apotovsky, B.A., Butler, J.F., Cherry, M.L., Dann, B.K., Drake, A., Doty, F.P., Guzik, T.G., Larson, K., Mayer, M., McConnell, M.L., Ryan, J.M. Development of an orthogonal-stripe CdZnTe gamma radiation imaging spectrometer 101024
Macri, J.R. *see* Doty, F.P. 101211
Macri, J.R. *see* Hamel, L.A. 80067
Macri, J.R. *see* Hamel, L.A. 100831
MacRobbie, E. *see* Grilo, J. 73484
McStay, K., Smoot, F., Hariton, D., Egan, K., Irvine, D., Brown, G., Edwards, P., Blackstone, S., Gamble, H. A commodity analog process based on bonded wafers 63910
McSwain, M. *see* McAndrew, C. 63627
McSwain, M. *see* McAndrew, C.C. 115157
McSweeney, B. *see* De Loore, B. 77534
McTaggart, R.A. *see* Hur, K.Y. 93787
McTague, D. Safety and effectiveness of medium voltage equipment earthing 91135
McTeer, M.M., Dale, B.G. The process of ISO 9000 series registration: an examination in small companies 92309
Macucci, M. Shot noise addition in parallel mesoscopic constrictions 105320
Macura, K.J. *see* Macura, R.T. 90335
Macura, R.T., Macura, K.J. Intelligent tutoring system for radiology as a part of the information exchange infrastructure 90335
McVeigh, E.R. MRI of myocardial function: motion tracking techniques 69991
McVeigh, J.S., Siegel, M.W., Jordan, A.G. Adaptive reference frame selection for generalized video signal coding 86590
McVey, B. *see* Schmitt, M. 109806
McVitie, S. *see* Ruhrig, M. 115519
McVittie, J.P. Plasma charging damage: an overview 106235
McVittie, J.P. *see* Abdel-Ati, W.L.N. 63365
McVittie, J.P. *see* Friedmann, J.B. 63134
McVittie, J.P. *see* Friedmann, J.B. 105670
McVittie, J.P. *see* Hane, M. 63348
McVittie, J.P. *see* Kinoshita, T. 106168
McVittie, J.P. *see* Ma, S. 63401
McVittie, J.P. *see* Ma, S. 105634
McVittie, J.P. *see* Roche, G.A. 104113
McWaid, T. *see* Dixson, R. 115084
McWaid, T. *see* Dixson, R. 115280
McWaid, T.H. *see* Schneir, J. 68959
McWhirter, J.H., Ising, T.M., Kirk, K.S. Calculation of impulse voltage stresses in transformer windings 121554
McWhorter, P.J. *see* Miller, S.L. 106289
McWilliam, C.J., Allan, M., Kemp, I.J. Reconfiguration under failure of the brushless DC motor 91547
McWilliam, P. *see* Large, M.C.J. 85659
MacWilliams, P. *see* Scarpulla, J. 84221
Maczka, D. *see* Latuszynski, A. 120126
Madabhushi, R. Wide-band Ti:LiNbO$_3$ optical modulator with low driving voltage 75585
Madamopoulos, N. *see* Riza, N.A. 117206
Madan, N. *see* Mombasawala, M.J. 78278
Madan, P. Peer-to-peer intelligent transducer networking 87890
Madan, S., Englefield, C.G., Goud, P.A. Real-time implementation of a decision-aided error correction algorithm for digital cellular radio 99282
Madangarli, V.P., Korony, G., Gradinaru, G., Sudarshan, T.S. Influence of contact architecture on the high-field characteristics of planar silicon structures 62662
Madani, K. Future technologies for wireless personal communications 78554
Madani, K., De Tremiolles, G. Perturbation effects analysis in analogue implementation of a stochastic artificial neural network 93641
Madani, K., Mercier, G., Chebira, N., Duchesne, S. Implementation of neural network based real time process control on IBM zero instruction set computer (ZISC-036) 102736
Madani, M. *see* Kargarnovin, M.H. 120525
Madani, N. Simultaneous-switching noise analysis for Texas Instruments FIFO products 73302
Madani, N. *see* Ishii, T. 73392
Madanlal, M.S., Venkatesan, G., Pandu Rangan, C. Tree 3-spanners on interval, permutation and regular bipartite graphs 103622
Madar, R. *see* Anikin, M.M. 103817
Madar, R. *see* Baud, L. 105476
Madar, R. *see* Rouch, H. 113497
Madaria, R.K. *see* Singh, R. 110167
Madden, A.D. *see* Szarmes, E.B. 96438
Madden, G., Simpson, M. A probit model of household broadband service subscription intentions: A regional analysis 118193
Madden, J.D., Lafontaine, S.R., Hunter, I.W. Fabrication by electrodeposition: building 3D structures and polymer actuators 64015
Madden, L. *see* Montanaro, J. 73430
Madden, M.P. *see* Allbritton, G.L. 80079
Madden, M.P. *see* Allbritton, G.L. 100826
Madden, N. *see* Goulding, F.S. 100958
Madden, N.W. *see* Cork, C.P. 80072
Madden, N.W. *see* Cork, C.P. 92254
Madden, N.W. *see* Gully, W.J. 111054
Madden, S., Barton, R., Ruhl, F., Stephens, T. 20 GBit/s unregenerated transmission over 400 km with 8×2.5 GBit/s wavelength multiplexing 78846
Maddison, B.J. *see* Moon, S.W. 104800
Maddocks, M.C.D., Tait, B., Laflin, N.J., Doel, G. The plan for digital terrestrial television in the UK 119361
Maddren, J., Marschall, E. Finite element modeling of heat transfer across bolted joints 60645
Maddy, L. Implementation of a barcode interface to an existing SAS database using SAS/AF and SAS/FSP software, and SAS screen control language 88098
Madeej, A.A. *see* Siemsen, K.J. 96094
Madeira, E.R.M., Garcia, C.M. An implementation model for the management functions of the RM-ODP 118232
Madej, A.A., Siemsen, K.J. Absolute heterodyne frequency measurement of the $^{88}Sr^+$ 455-THz S-D single ion transition 79645
Madella, M. *see* Rigo, C. 103951
Mademann, D. *see* Eva, E. 116187
Mademlis, C., Xypteras, J., Margaris, N. Loss minimization in synchronous motors 71276
Madeore, F. *see* Lerondel, G. 94260
Mader, D.P., Glycenfer, J.J., Prins, J. An application in multivariate statistical process control for power supply calibration 121687
Mader, G., Uhlmann, F.H. An approach in the parallelization of a boundary element algorithm on shared memory workstations 65627
Mader, J. Commercialization of advanced batteries 91719

Mader, T., Markovic, M., Popovic, Z.B., Tayrani, R. High-efficiency amplifiers for portable handsets 99198
Mader, T. *see* Popovic, Z. 88106
Mader, U. Steady-state analysis of a voltage-fed inverter with second-order network and fluorescent lamp load 71883
Madert, M. *see* Kleffner, C.-M. 89724
Madey, G., Dull, F., Riggle, C., Kline, D. VLSI chip design: nonlinear optimization using neural network function approximations 106137
Madey, J. *see* Carman, T.S. 110634
Madey, J.M.J. *see* Barnett, G.A. 96489
Madey, J.M.J. *see* Denbeaux, G. 107398
Madey, J.M.J. *see* Hooper, B.A. 96512
Madey, J.M.J. *see* Litvinenko, V.N. 79873
Madey, J.M.J. *see* Litvinenko, V.N. 89685
Madey, J.M.J. *see* Litvinenko, V.N. 96466
Madey, J.M.J. *see* Litvinenko, V.N. 107388
Madey, J.M.J. *see* O'Shea, P.G. 89770
Madey, J.M.J. *see* O'Shea, P.G. 107380
Madey, J.M.J. *see* Park, S.H. 107372
Madey, J.M.J. *see* Ponds, M.L. 96497
Madey, J.M.J. *see* Szarmes, E.B. 96438
Madey, J.M.J. *see* Szarmes, E.B. 107373
Madey, J.M.J. *see* Wu, Y. 89829
Madey, J.M.J. *see* Wu, Y. 96480
Madhani, P. *see* Venkat, K. 61993
Madhavan, N. *see* Kataria, D.O. 69846
Madhavan, S., Gibbons, B.J., Dabkowski, A., Trolier-McKinstry, S., Ying Liu, Schlom, D.G. Growth of epitaxial *a*-axis and *c*-axis oriented Sr_2RuO_4 films 72851
Madhavapeddy, S. *see* Grandhi, S.A. 109484
Madhavapeddy, S. *see* Subramanian, S. 109422
Madhaven, B. *see* Hahn, K.H. 119222
Madhavi, V. *see* Sastry, V.V. 111947
Madheswaran, M., Chakrabarti, P. Intensity modulated photoeffects in InP-MIS capacitors 106940
Madheswaran, M. *see* Chakrabarti, P. 94614
Madheswaran, M. *see* Chakrabarti, P. 106238
Madhow, U. MMSE interference suppression for joint acquisition and demodulation in CDMA systems 67546
Madhukar, A. *see* Kobayashi, N.P. 72757
Madhukar, A. *see* Rich, D.H. 94494
Madhukar, A. *see* Xie, Q. 85521
Madhukar, B., Anuradha, V.K., Ubale, A.W. AR parameter estimation routines for the Motorola DSP56100 family 83170
Madhukar, B. *see* Ubale, A.W. 93403
Madhur, J. *see* Emery, D. 111071
Madi, T. *see* Mojzes, I. 92312
Madigan, L. *see* Chopp, M. 120510
Madigan, W.P. *see* Gadeken, L.L. 101576
Madihian, M. Low-voltage broadband BiCMOS MMICs for low-cost high-speed wireless networks applications 83429
Madihian, M., Bak, E., Imai, K., Yoshida, H., Kinoshita, Y., Yamazaki, T. 2V BiCMOS downconverter and upconverter chips for 1.8-5 GHz band wireless communications networks 99333
Madihian, M. *see* Maruhashi, K. 83443
Madihian, M. *see* Maruhashi, K. 83464
Madihian, M. *see* Maruhashi, K. 93905
Madihian, M. *see* Yoshida, H. 84230
Madisetti, A., Willson, A.N., Jr. DCT/IDCT processor design for HDTV applications 88837
Madisetti, V. *see* Sipitca, M. 86494
Madisetti, V. *see* Sipitca, M. 86927
Madison, M. *see* Chang, T. 115710
Madison, M.R., Arnoldussen, T.C., Chang, T.Y., Wood, R.W., Scott, F.D. Erase band and transition charge–model and MFM 115788
Madjar, A. A generic approach to optimum design of microwave and millimeter wave subharmonic mixers 114278
Madjar, A., Biran, A., Breitbard, A., Philosof, A. A superconducting compact C-band low noise front end with an integral cooler 73720
Madjar, A., Zoref, S., Adar, D. Low loss low cost microstrip millimeter wave switches at 94 GHz 73649
Madjar, A. *see* Ruberto, M.N. 107438
Madkour, M.A., El Sayed, M.A.H., Nagdy, N.M. Switching decision using a knowledge based system for distribution networks 91152
Madlena, M. *see* Profumo, F. 122049
Madlung, J., Firjahn-Andersch, A., Schempp, A. A single bunch RFQ system for heavy ions 89702
Madlung, J. *see* Stiebing, K. 100749
Madni, A.M., Wan, L.A., Hammons, S. A microelectromechanical quartz rotational rate sensor for inertial applications 84639
Madore, B., Henkelman, M. Velocity encoding using ghost artifacts 90382
Madou, M. *see* Desta, Y.M. 79593
Madrangeas, S., Verdeyme, S., Aubourg, M., Guillon, P. Full-wave electromagnetic modelling of microwave devices: application to localized elements and linear diode amplifier 93061
Madrangeas, V. *see* Blondy, P. 62197
Madrangeas, V. *see* Bourse, D. 93707
Madrenas, J., Moreno, J.M., Cabestany, J., Seco, J. A bit-serial VLSI processor for kernel-based classifiers 104770
Madrid, N.M. *see* Breuer, P.T. 113826
Madrigal, M., Acha, S. Power circuits analysis in the Real Harmonic Hartley Domain 113744
Madry, J.G. *see* Brown, H.K. 62489
Madsen, A.G. *see* Lorenzen, S. 91339
Madsen, C.B. Viewpoint variation in the noise sensitivity of pose estimation 86786
Madsen, J. *see* Braun, H. 89667
Madsen, J.H.B. *see* Bossart, R. 89668
Madsen, J.K., Lassen, P.S. A 2.5 Gb/s ATM add-drop unit for B-ISDN based on a GaAs LSI 118737
Madsen, J.S. *see* Kjeldsen, P.M. 119140
Madsen, S., Mullenborn, M., Birkelund, K., Grey, F. Optical near-field lithography on hydrogen-passivated silicon surfaces 84270
Madsen, S.N., Skou, N., Granholm, J., Woelders, K.W., Christensen, E.L. A system for airborne SAR interferometry 68633
Madsen, S.N., Skou, N., Woelders, K., Granholm, J. EMISAR single pass topographic SAR interferometer modes 120687
Madsen, S.N. *see* Dall, J. 111106
Madsen, S.N. *see* Mohr, J.J. 120688
Madsen, S.N. *see* Mohr, J.J. 120833
Madson, G., Probst, D., Rawlins, L. Building reliability into an EPROM cell using in-line WLR monitors 61914
Madura, D. *see* Cline, D.B. 79955
Madura, D. *see* Green, M.A. 90040
Madura, D.D. *see* Garren, A.A. 79910
Madzhulis, I. *see* Medvid', A. 84093
Mae, H. *see* Kawahara, I. 100231
Maebara, S. *see* Honda, K. 70666
Maeda, A. *see* Kume, M. 84813
Maeda, A. *see* Matsumura, T. 73407
Maeda, A. *see* Nishida, Y. 71449
Maeda, A. *see* Nishida, Y. 71507
Maeda, A. *see* Tanuma, T. 75238
Maeda, F., Imanishi, H., Kaji, Y., Hiroishi, A., Tanooka, H., Murata, H. Wood-floor radiant heating systems 91959
Maeda, F., Watanabe, Y., Muramatsu, Y., Oshima, M. GaSb-growth study by realtime crystal-growth analysis system using synchrotron radiation photoelectron spectroscopy 103850
Maeda, F. *see* Okada, K. 67878
Maeda, F. *see* Watanabe, Y. 114626
Maeda, H., Ohtsubo, K., Irie, M., Ohya, N., Kusakabe, K., Morooka, S. Determination of diamond [100] and [111] growth rate and formation of highly oriented diamond film by microwave plasma-assisted chemical vapor deposition 72785
Maeda, H. *see* Fujiwara, S. 92012
Maeda, H. *see* Hanai, S. 96975
Maeda, H. *see* Hayashi, Y. 78668
Maeda, H. *see* Inoue, K. 96969
Maeda, H. *see* Inoue, T. 104430
Maeda, H. *see* Kiyoshi, T. 95530
Maeda, H. *see* Kuwata, M. 90205
Maeda, H. *see* Kuwata, M. 100925
Maeda, H. *see* Matsuoka, S. 100236
Maeda, H. *see* Mukoujima, T. 99548
Maeda, H. *see* Neba, Y. 71523
Maeda, H. *see* Neba, Y. 71527
Maeda, H. *see* Ouchi, I. 106524
Maeda, H. *see* SeokBeom Kim 95416
Maeda, H. *see* Tasaki, K. 102263
Maeda, H. *see* Tezuka, M. 96976
Maeda, H. *see* Yazawa, T. 102053
Maeda, J., Nanjo, H., Suzuki, Y. Segmentation of natural images by the integration of fractal dimension and edge information 86803
Maeda, J. *see* Tachibana, H. 97460
Maeda, K., Fuse, M., Fujito, K. Ultrahigh channel capacity optical CATV systems 78815
Maeda, K., Nakano, K., Ohfuji, T., Hasegawa, E. Novel alkaline-soluble alicyclic polymer poly(TCDMACOOH) for ArF chemically amplified positive resists 105801
Maeda, K., Utsumi, K., Fujito, K. Error statistic of QAM channel in AM/QAM hybrid optical transmission 109665
Maeda, K. *see* Hashizume, H. 64515
Maeda, K. *see* Kawabe, M. 79615
Maeda, K. *see* Kim, Y.D. 69812
Maeda, K. *see* Maruyama, K. 100989
Maeda, K. *see* Ohfuji, T. 105790
Maeda, K. *see* Shiomi, S. 84818
Maeda, K. *see* Yoshida, A. 82733
Maeda, M. Operations and management of WDM optical networks 88578
Maeda, M., Keno, T., Suzuki, Y., Abe, T. Fast-switching-speed, low-forward-voltage-drop static induction (SI) thyristor 73097
Maeda, M., Takehara, H., Nishijima, M., Fujimoto, H., Ota, Y., Ishikawa, O. Direct chip mounting GaAs power module using an AlN substrate 73719
Maeda, M., Wanger, R.C.E., Kiyohara, Y. Chemical vapor deposited tungsten interconnect technology 84208
Maeda, M. *see* Doverspike, R. 98681
Maeda, M. *see* Fujii, T. 73450
Maeda, M. *see* Ikeda, K. 61408
Maeda, M. *see* Ito, K. 66076
Maeda, M. *see* Maenaka, K. 119646
Maeda, M. *see* Nakagawa, H. 91444
Maeda, M. *see* Ohishi, I. 119813
Maeda, M. *see* Okada, T. 107554
Maeda, M. *see* Soe, K.K.K. 95280
Maeda, M. *see* Vasa, N.J. 107192
Maeda, M. *see* Vasa, N.J. 107193
Maeda, M. *see* Vasa, N.J. 116424
Maeda, N. *see* Ikezaki, H. 69331
Maeda, N. *see* Sato, K. 82893
Maeda, R. *see* Chikano, Y. 71672
Maeda, R. *see* Parameswaran, M. 62446
Maeda, S. Vocal-tract acoustics and speech synthesis 86158
Maeda, S., Abe, K., Yamamoto, K., Tohyama, O., Ito, H. Active endoscope with SMA (Shape Memory Alloy) coil springs 80425
Maeda, S., Jyo, Y. A synthesis of operational transconductance amplifier using SC circuit 61662
Maeda, S., Sueda, H., Itoh, T. Frequency agility radar with Doppler processing 78972
Maeda, S. *see* Hirota, N. 115996
Maeda, T., Haga, K., Maeda, T. Creepage breakdown characteristics of printed wiring board in silicone gel 62442
Maeda, T., Numata, K., Fujii, M., Tokushima, M., Wada, S., Fukaishi, M., Ishikawa, M. An ultra-low-power-consumption high-speed GaAs quasi-differential switch flip-flop (QD-FF) 104439
Maeda, T., Suekane, T., Kabashima, S. Effects of channel shape and inlet swirl on performance of a disk CCMHD generator 91759
Maeda, T., Yamakawa, H., Isomatsu, N., Lizuka, M., Onomoto, T. Application of advanced digital relay technology to busbar and transformer protection systems 102797
Maeda, T., Yamakawa, H., Matsunaga, K., Mitsuoka, M. Development of transmission line protection applying advanced digital relay technology 102242
Maeda, T. *see* Fujii, M. 61824
Maeda, T. *see* Fujita, H. 121515
Maeda, T. *see* Furukawa, T. 97775
Maeda, T. *see* Iwamoto, K. 69417
Maeda, T. *see* Kuroyanagi, S. 88045
Maeda, T. *see* Maeda, T. 62442
Maeda, T. *see* Oyama, E. 98164
Maeda, T. *see* Shimizu, Y. 91413
Maeda, T. *see* Takeda, T. 69943
Maeda, T. *see* Tanida, J. 85228
Maeda, T. *see* Tsurumi, H. 78488
Maeda, Y., Ikeda, S., Migitaka, M. Optical signal inverter derived from negative nonlinear absorption effects 85700
Maeda, Y. *see* Hirono, S. 115489
Maeda, Y. *see* Yamamoto, S. 115772
Maeder, A. *see* Baker, M. 86581
Maeder, A.J. *see* Bell, D.M. 108713
Maeder, T. *see* Muralt, P. 84722
Maege, J. *see* Beister, G. 65175
Maege, J. *see* Beister, G. 96380
Maehama, T. *see* Higa, A. 61262
Maehara, E., Suzuki, T. Energy-saving, high-efficiency audio amplifier hybrid IC STK426-000 series 79195
Maehara, F. *see* Sakaida, H. 109387
Maehara, M. *see* Nose, H. 89247
Maehara, O. *see* Wakiwaka, H. 114350
Maehara, S. *see* Honda, K. 101866
Maehara, Y. *see* Kamei, K. 84790
Maehata, K. *see* Arima, H. 106625
Maehata, K. *see* Joosse, K. 75337
Maehata, K. *see* Nishioka, T. 91192
Maejima, T. *see* Yasuda, K. 74175
Maejima, Y., Kawasaki, K. Optical grade germanium single crystal in large scale 116176
Maejima, Y. *see* Koike, H. 75061
Maejima, Y. *see* Nishimura, T.H. 120515
Maekawa, F., Oyama, Y. Measurement of low energy neutron spectrum below 10 keV with the slowing down time method 69881
Maekawa, H., Shinohara, H., Amako, K., Uekubo, Y. A control, monitoring and operation support system for large-capacity electrical power substations 102917
Maekawa, K., Mori, N., Tamaki, H., Kita, H., Nishikawa, Y. A genetic solution for the traveling salesman problem by means of a thermodynamical selection rule 92555
Maekawa, M. *see* Murayama, A. 75088
Maekawa, S. *see* Korechika, T. 122056
Maekawa, S. *see* Onaka, K. 119595
Maekawa, S. *see* Yong Woon Choi 79696
Maekawa, T., Asano, M., Shimizu, H., Kameyama, M., Hirai, K. Man-machine systems for plant monitoring, control and operations management 111475
Maekawa, T., Nakayama, Y., Nakajima, Y., Ino, M., Kaneko, H., Satoh, M., Kobayashi, M. A 1.35 in.-diagonal wide-aspect-ratio poly-Si TFT LCD with 513 K pixels 89265
Maekawa, T., Terumichi, Y., Yoshimura, S., Matsunaga, K. ECH system using an 88 GHz gyrotron for the WT-3 Tokamak 74057
Maekawa, T., Yoda, M. Multipoint radiation monitor using waveguide scintillators and optical fiber 80002
Maekawa, T., Yoda, M., Tanaka, K., Masumaru, T., Morimoto, S. Fiber-optic multipoint radiation sensing system using waveguide scintillators 90154
Maekawa, T. *see* Jitsumori, A. 113572
Maekawa, Y. *see* Sonoi, Y. 70494
Maekawa, Y. *see* Umekawa, S. 64954
Maekelae, E. *see* Lhersonneau, G. 80145
Maekinen, J. *see* Fischer, F. 94721
Maekoba, H. *see* Hara, K. 80005
Maemura, A. *see* Takao, M. 118325

Maemura, C. *see* Sakamoto, K. 81323
Maemura, K. *see* Matsumura, N. 74167
Maemura, K. *see* Nakayama, M. 83431
Maemura, K. *see* Uehigashi, K.-I. 73451
Maemura, K. *see* Yamamoto, K. 62337
Maemura, K. *see* Yamamoto, K. 78534
Maemura, Y. *see* Ishitani, H. 110282
Maenaka, K., Shimizu, Y., Baba, M., Maeda, M. Position and movement detection system for small area [using magnetic sensor] 119646
Maenchen, J. *see* Mazarakis, M.G. 120048
Maenchen, J.E. *see* Crawford, M.T. 120125
Maenchen, J.E. *see* Johnson, D.J. 120124
Maendl, S., Brutscher, J., Guenzel, R., Moeller, W. Design considerations for plasma immersion ion implantation systems 94706
Maeng, S.-J. *see* Youn, K.-J. 93836
Maeng Ho Son, Eun Kyu Kim, Suk-Ki Min, Han, Y.K., Yom, S.S., Jong Soo Lim Growth of TiO_2 dielectric thin films on Si(100) substrates by metalorganic chemical vapor deposition and the electrical properties of the $Al/TiO_2/p$-Si structures 104119
Maeng Ho Son *see* Eun Kyu Kim 63217
Maeng-Sub Cho, Byoung-Ho Kang, Seok-Ju Kang, Jae-Woo Kim Colour image segmentation applying 3-D cluster analysis 87067
Maenner, W. *see* Mours, B. 120196
Maeno, K., Fukaya, N., Nishikawa, O., Sato, K., Honda, T. Electro-holographic display using 15 Mega pixels LCD 96746
Maeno, K. *see* Fukaya, N. 89359
Maeno, K. *see* Kurashima, A. 87875
Maeno, S. *see* Inoue, T. 69696
Maeno, T. *see* Fukunaga, K. 106296
Maeno, T. *see* Minami, T. 106988
Maeno, T. *see* Shimada, H. 69428
Maeohmichi, H. *see* Unno, Y. 80035
Maeohmichi, H. *see* Unno, Y. 100858
Maeoka, T. *see* Yoshida, K. 121623
Maerki, M. *see* Stammbach, T. 100434
Maersch, K. *see* Kiser, R. 70257
Maes, A. *see* Nuyts, J. 90313
Maes, C., Vanderpoorten, W. Effect of negative differential conductivity in a driven diffusive lattice gas 74089
Maes, F., Collignon, A., Vandermeulen, D., Marchal, G., Suetens, P. Multi-modality image registration by maximization of mutual information 110702
Maes, H. *see* Jain, S.C. 62899
Maes, H. *see* Jain, S.C. 105376
Maes, H.E. *see* Baumgart, H. 61642
Maes, H.E. *see* Bellens, R. 106186
Maes, H.E. *see* De Wolf, I. 62695
Maes, H.E. *see* De Wolf, I. 115320
Maes, H.E. *see* Degraeve, R. 95253
Maes, H.E. *see* Degraeve, R. 115369
Maes, H.E. *see* Degraeve, R. 115405
Maes, H.E. *see* Eun Gu Lee 95279
Maes, H.E. *see* Groeseneken, G. 63680
Maes, H.E. *see* Groeseneken, G.V. 63738
Maes, H.E. *see* Jain, S.C. 74368
Maes, H.E. *see* Jain, S.C. 83953
Maes, H.E. *see* Ogier, J.L. 84606
Maes, H.E. *see* Pinardi, K. 105267
Maes, H.E. *see* Russ, C. 115221
Maes, H.E. *see* Van Houdt, J. 83117
Maes, H.E. *see* Wouters, D.J. 115462
Maes, J.W. *see* Werner, K. 103923
Maes, P. *see* Chavez, A. 87841
Maes, P. *see* Ongareau, E. 66070
Maes, P. *see* Ongareau, E. 66091
Maesaki, O. *see* Komatsu, S. 113516
Maesoba, T. *see* Sato, F. 89329
Maestri, F. *see* Botti, O. 91696
Maestri, R. *see* Pinna, G.D. 80402
Maestri, R. *see* Pinna, G.D. 101074
Maeta, H. *see* Konishi, H. 69911
Maetzig, J.C. *see* Gatzen, H.H. 64415
Maev, V.I. *see* Elliott, S.R. 80104
Maewnin, M. *see* Jian-Guo Zhang 109633
Maex, K. Silicidation and metallization issues using rapid thermal processing 84235
Maex, K. *see* Franssila, S. 63423
Maex, K. *see* Kolodinski, S. 79422
Maex, K. *see* Tavares, J. 92728
Maex, K. *see* Torres, A. 79423
Maex, K. *see* Wang, Q.F. 63422
Maex, K. *see* Wang, Q.F. 63459
Maex, K. *see* Witvrouw, A. 115033
Maeyama, M. *see* Tumiran 106304
Maeyama, S., Sugiyama, M., Heun, S., Oshima, M. $(NH_4)_2S_x$-treated InP(100) surfaces studied by soft X-ray photoelectron spectroscopy 62726
Maeyama, S. *see* Heun, S. 61271
Maeyama, S. *see* Heun, S. 74340
Maeyama, S. *see* Sugiyama, M. 94742
Maeyama, S. *see* Watanabe, Y. 114626
Maeyama, T., Trisila, H.L., Kitano, Y., Ikegami, F. Bit error rate characteristics of anti-multipath modulation technique BPSK-RZ in hilly areas 118759
Maezawa, H. *see* Konishi, H. 69911
Maezawa, K. Resonant tunneling devices: new devices employing quantum effects 93277
Maezawa, K. *see* Chen, K.J. 61856
Maezawa, M. *see* Kurosawa, I. 94984
Maffioli, F. *see* Colorni, A. 103700
Maffioli, F. *see* Dell'Amico, M. 60868
Mafuve, I.M. Spice electrical machines models 71246
Mag, I. *see* Cardinal, F. 83428
Maga, D. *see* Wagner, J. 81501
Magala, Y. *see* Tsuchida, T. 120371
Magalhaes, A.C.N.De *see* De Magalhaes, A.C.N.
Magalhaes, H.A. An objective comparison between cumulant-based and Burg's parametric modeling of Weibull radar clutter in the spectral and ensemble domains: a case study 78975
Magalhaes, H.A. A "multi-frequency code" adaptive threshold detector implementation based on TMS320C25 digital signal processor 98907
Magalhaes, H.A., Peixoto, A.F., Severino, A.R. A distributed processing system architecture implementation for analog telephonic plant modernization, monitoring and control 88038
Magallanes, C. *see* Garis, E.J. 89465
Magami, N. *see* Hirose, S. 84716
Magarini, M., Spalvieri, A., Tartara, G. Asymptotic analysis of stabilisation technique for the blind fractionally spaced equaliser 117392
Magasa, T., Gurcan, M.K. A short range train communication architecture 118977
Magazzu, G. *see* Avanzini, C. 90225
Magazzu, G. *see* Avanzini, C. 100959
Magda, E.P. *see* Barysheva, N.M. 116331
Magda, E.P. *see* Lukashin, G.M. 96117
Magdalena, L. *see* Velasco, J.R. 81300
Magdic, M. Power plant cost curve 71020
Magdolen, J. *see* Hagara, M. 90496
Magdziarz, A., Zagan, Z., Uciakowski, T. Application of simulation package SDP for Windows in teaching of electrical power engineering objects modelling 82128
Mage, J.C., Marcilhac, B., Hartemann, P., Castera, J.P. Low phase noise oscillator for stealth target detection 68666
Magedanz, T. Integration and evolution of existing mobile telecommunications systems toward UMTS 109457
Magedanz, T., Rothermel, K., Krause, S. Intelligent agents: an emerging technology for next generation telecommunications? 87594
Magedanz, T. *see* Eckardt, T. 118235
Magedanz, T. *see* Mendes, M. 118362
Magee, C. *see* Tian, S. 94694
Magee, C.W. *see* Liu, C.W. 104123
Magee, J. *see* Leonhardt, U. 78565
Magee, J. *see* Leonhardt, U. 118859
Magel, G.A. Integrated optic devices using micromachined metal membranes 95781
Magele, C. *see* Alotto, P. 64571
Magele, M. *see* Hunt, K.J. 79131
Magera, G.G., Schwind, G.A., Swanson, L.W. The comparison of the emission characteristics of Zr/O/W and Hf/O/W Schottky emission cathodes 73946
Magerl, G. *see* Ingruber, B. 83403
Magg, T. *see* Bergmann, K. 91087
Magg, T. *see* Boshoff, S. 70825
Maggi, F. *see* Arefiev, A. 100805
Maggi, G. *see* Valentini, A. 69788
Maggi, S. *see* Lacquantii, V. 64538
Maggini, M. *see* Bozio, R. 107541
Maggio, G.M. *see* Gilli, M. 113705
Maggiora, R. *see* Di Fabrizio, E. 74658
Maggs, B.M. *see* Sanjeev Arora 87635
Maggs, J.D., Oliver, T.N., Wright, M.T. Electromagnetic compatibility of variable speed drives 122005
Maghakian, A. *see* Bagdasarov, S. 69837
Maghsoudnia, P. *see* Bashir, R. 63902
Magi, E.C. Implementation of ramped pressure technique to measure acoustic sensitivity of fibre optic hydrophone transducers 69576
Magiera, L., Nowak, J., Zajac, M. Hybrid imaging element–possibilities of aberration correction 116774
Magill, E.H. *see* Marples, D. 67893
Magill, E.H. *see* Muller, C. 77871
Magill, J.C., Komerath, N.M., Dorsey, J.F. Experimental evaluation of an adaptive controller for a wind-driven pitch manipulator 80547
Magill, P.A., Deane, P.A., Mis, J.D., Rinne, G.A. Flip chip overview 60652
Magill, P.A., Rinne, G.A. Implementation of flip chip technology 94118
Magin, E.H. *see* O'Regan, M.B. 64894
Maginier, S. *see* Besanger, Y. 81067
Maginot, S. *see* O'Brien, K. 113832
Magistrali, F., Salmini, G., Maini, M., Vanzi, M. Analysis of 980nm SL SQW InGaAs pump laser degradations 96416
Magistris, A. *see* Singh, K. 121834
Magistris, M.R. *see* Rosler, K.M. 90544
Maglaveras, N. *see* Haris, K. 86529
Maglevanny, I.I. *see* Epshtein, E.M. 74417
Maglevannyy, I.I., Smolyar, V.A. Energy release density distribution of moderate-energy electrons for beam normally incident on a multilayer target 76348
Maglic, S.R. *see* Rippert, E.D. 64561
Maglic, S.R. *see* Song, S.N. 110627
Maglicic, L. *see* Skocir, Z. 77827
Magnabosco, P.W., O'Sheasy, M.T. An innovative pricing option for electricity as used by the pulp and paper industry 91992
Magnani, N.P. *see* Carciofi, C. 109488
Magnea, N. *see* Bonnet-Gamard, J. 75952
Magnea, N. *see* Hadji, E. 64981
Magnea, N. *see* Hadji, E. 65176
Magnenat Thalmann, N. *see* Beylot, P. 108464
Magnetti, G. *see* Paoletti, R. 96301
Magni, A. *see* Pardavi-Horvath, M. 115592
Magni, D. *see* Carbone, E. 108977
Magni, F. *see* Cattaneo, G. 85535
Magnin, F., David, J., Raguenet, G., Piton, G. Active payload telemetry antenna for low-orbit observation satellite 66133
Magnin, I.E. *see* Hernandez, A. 90371
Magnin, I.E. *see* Robini, M.C. 104214
Magnin, I.E. *see* Wang, H. 86916
Magnitskii, S.A. *see* Lukashev, A.A. 96604
Magnitsky, S.A. *see* Lukashev, A.A. 96667
Magno, R. *see* Bennett, B.R. 82681
Magnotta, F. *see* Stevens, C.G. 70483
Magnus, W. *see* van de Roer, T. 84500
Magnussen, B. *see* Fatikow, S. 115445
Magnusson, F. *see* Edholm, B. 63666
Magnusson, R. *see* Day, R.W. 95933
Magomedov, A.G. *see* Guseikhanov, M.K. 94592
Magomedov, I.A. *see* Palchaev, D.K. 62661
Magometov, Z.A. *see* Mazur, M.M. 119917
Magondeaux, B.De *see* De Magondeaux, B.
Magori, V., Eccardt, P.-C., Ruser, H., Vossiek, M. Direction-sensitive ultrasonic distance sensor using multimode stimulation of a single transducer 111400
Magoroku, H. *see* Sampei, M. 121099
Magotra, N., Mandyam, G., Mingui Sun, McCoy, W. Lossless compression of electroencephalographic (EEG) data 120473
Magotra, N. *see* Mandyam, G. 67001
Magotra, N. *see* Mandyam, G. 120696
Magotra, N. *see* Swartz, B. 70237
Magram, L., Arbel, A.F. Application of complementary techniques to a bipolar translinear gain cell and a translinear CCII+ 62017
Magram, P. *see* Drascic, D. 100225
Magrath, A.J., Sandler, M.B. Hybrid pulse width modulation/sigma-delta modulation power digital-to-analogue converter 73474
Magrath, A.J., Sandler, M.B. Performance enhancement of sigma-delta modulator D-A converters using non-linear techniques 114045
Magri, A. *see* Belverde, G. 91613
Magri, A. *see* Belverde, G. 91644
Magri, A. *see* Coffa, S. 63585
Magri, G. *see* Morgan, S. 115016
Magugumela, M. *see* Mulhollan, G. 90109
Maguire, G.Q., Jr. *see* Liu, G.Y. 68214
Maguire, G.Q., Jr. *see* Liu, G.Y. 88317
Maguire, G.Q., Jr. *see* Liu, G.Y. 98660
Maguire, G.Q., Jr. *see* Liu, G.Y. 118872
Maguire, G.Q., Jr. *see* Ohsawa, T. 98674
Maguire, P. *see* McLaughlin, J. 82749
Maguire, T. *see* Kuffel, R. 80756
Maguire, T. *see* Kuffel, R. 80795
Maguire, T. *see* Kuffel, R. 101704
Magulariya, E.A. *see* Lukishova, S.G. 96668
Magulariya, E.A. *see* Lukishova, S.G. 96740
Magulariya, E.A. *see* Lukishova, S.G. 116593
Magunia, A. The thunderstorm-driven diurnal variation of the ELF electromagnetic activity level 107894
Magunov, A.N., Lukin, O.V. Optical temperature measurements of semiconductor crystals in the 300-800 K range: An overview 63866
Magura, K., Rustemeier, M. Non-cooperative target identification of flying objects by radar imaging 109733
Magurany, C.J. *see* Schmitt, G. *(editor)* 71982
Magureanu, R. *see* Ilas, C. 121958
Magyar, G.R. *see* West, J.L. 89415
Mah, D. *see* Hedin, R. 70777
Mah, Y.A. *see* Chen, S.X. 116820
Mahadev, P.M., Christie, R.D. Minimizing user interaction in energy management systems: task adaptive visualization 101938
Mahadevan, D.S. Effect of machine parameters on polymer die attach dispense and a method to optimize them 79372
Mahadevan, R. *see* Markus, K.W. 74872
Mahadevan, R. *see* Markus, K.W. 106286
Mahadevana, M., Bradley, R.M. Stability of a circular void in a passivated, current-carrying metal film 63463
Mahadeven, K., Ghosh, S., Mizzoni, R., Martirano, G. Precision analysis and design of a triple band feed for the high gain antenna of "CASSINI" deep space mission to Saturn 66177
Mahaffey, J., McGehee, J. Semiconductor manufacturing excellence: the WORKS CIM system 112861
Mahafza, B.R., Knight, D.L., Audeh, N.F. Angular stepped frequency target detection technique 88666
Mahajan, A., Fay, P., Caneau, C., Adesida, I. High performance enhancement mode high electron mobility transistors (E-HEMTs) lattice matched to InP 63793
Mahajan, A.O., Dadej, A.J., Lever, K.V. Modelling and evaluating network formation functions in self-organising radio networks 78526
Mahajan, R.L. *see* Li, Y. 62464
Mahajan, R.L. *see* Wang, X.A. 63869
Mahajan, V.N. *see* Glaister, D.S. 90884
Mahal, V., Arie, A. Distance measurements using two frequency-stabilized Nd:YAG lasers 85779
Mahal, V., Arie, A., Arbore, M.A., Fejer, M.M. Quasi-phase-matched frequency doubling in a

waveguide of a 1560-nm diode laser and locking to the rubidium D_2 absorption lines 96708
Mahal, V. *see* Inbar, E. 96168
Mahal, V. *see* Inbar, E. 96171
Mahalanabis, D. *see* Khaled, M.A. 110846
Mahalanobis, A., Kelly, D.M. High valued target recognition using correlation filters 88716
Mahalanobis, A., Vijaya Kumar, B.V.K., Sims, S.R.F. Distance classifier correlation filters using multiple eigenvectors for enhanced class separation 80727
Mahalanobis, A., Vijaya Kumar, B.V.K., Sims, S.R.F. Distance-classifier correlation filters for multiclass target recognition 86892
Mahalanobis, A. *see* Richard, S. 98209
Mahalanobis, A. *see* Vijaya Kumar, B.V.K. 75663
Mahalawy, M.H.El *see* El Mahalawy, M.H.
Mahalik, N.P. *see* Panda, R. 98005
Mahalu, D. *see* Messica, A. 105397
Mahalu, D. *see* Reznikov, M. 63825
Mahalu, D. *see* Yacoby, A. 62977
Mahan, A.H., Nelson, B.P., Iwaniczko, E., Wang, Q., Molenbroek, E.C., Asher, S.E., Reedy, R.C., Jr., Crandall, R.S. Hot wire deposited hydrogenated amorphous silicon solar cells 112341
Mahan, A.H. *see* Molenbroek, E.C. 61405
Mahan, A.H. *see* Vanecek, M. 94402
Mahan, G.D. *see* Bartkowiak, M. 62372
Mahan, G.D. *see* Bartkowiak, M. 74781
Mahanpour, M., Morgan, I., Li, S., Kaufmann, M. Latch-up signature analysis technique for plastic dual-in-line package (PDIP) devices using scanning acoustic microscopy 92279
Mahanta, A., Baishya, S. A SIMD/MIMD-organized general-purpose systolic array 93465
Mahapatra, D.P. *see* Kuri, G. 83808
Mahapatra, D.P. *see* Satyam, P.V. 105459
Mahattanakul, J., Toumazou, C. Independent control of transconductance gain and input linear range in a MOS linear transconductance amplifier 104351
Mahattanakul, J., Toumazou, C., Pookiayaudom, S. Low-distortion current-mode companding integrator operating at f_T of BJT 114148
Mahaut, S., Gondard, C., El Amrani, M., Benoist, P., Cattiaux, G. Ultrasonic defect characterization with a dynamic adaptive focusing system 101616
Mahdavi, J., Emaadi, A. Sliding-mode control of PWM Cuk converter 121745
Mahdavi, J., Shahintabe, A., Farhadi, A. Analysis of RF conducted emission due to PWM and resonant DC-DC converters 112136
Mahdavi, J., Tabandeh, M., Shahriari, A.K. Comparison of conducted RFI emission from different unity power factor AC/DC converters 121736
Mahdavi, J. *see* Mathis, M. 118128
Mahdi, A.E. *see* Sykulski, J.K. 95452
Mahdi, M. *see* Noginov, M.A. 65117
Mahendra, M., Krile, T.F. Applications of neural networks in IC lithography 94861
Mahendra, V.K. Earthing system for telecommunication installations 118185
Maher, D.M. *see* Cho, S.M. 92840
Maher, D.M. *see* Hu, Y.Z. 61379
Maher, M.H., Tabrizi, K., Prohaska, J.D., Snitzer, E. Fiber Bragg gratings for civil engineering applications 100056
Maheshkumar, J.R., Veeranna, V., Sitharama Iyengar, S., Brooks, R.R. New computational technique for complementary sensor integration in detection-localization systems 66804
Maheshwari, N., Sapatnekar, S.S. Gate size optimization for row-based layouts 93243
Maheshwari, P.R., Chowdhry, B.S., Rajput, A.Q.K. FIP fieldbus in industrial local area networking 118465
Maheshwari, R.P. *see* Verma, H.K. 121541
Mahevas, S., Rubino, G. Bounding asymptotic dependability and performance measures 103566
Mahey, P., Ouorou, A., LeBlanc, L., Chifflet, J. A new proximal decomposition algorithm for routing in telecommunication networks 67602
Mahfoudi, M., Alonso, J.I. A simple technique for the design of MMIC 90° phase-difference networks 114323
Mahfoudi, M. *see* Grajal, J. 73809
Mahfouz, A.A. *see* Adly, A.A. 115846
Mahfuz, H. *see* Vaidya, U.K. 113591
Mahgerefteh, D. *see* Canoglu, E. 85671
Mahgoub, O.A. *see* Adly, A.A. 115846
Mahieux, Y., Le Tourneur, G., Saliou, A. A microphone array for multimedia workstations 79193
Mahjoub, A.R. *see* Biha, M.D. 113112
Mahl, R., Maury, C. An information service on engineering education and employment in France 72113
Mahlbacher, T., Just, E. Engagement in the Internet–a new tool for power supply undertakings 101779
Mahler, R.P.S. Unified data fusion: fuzzy logic, evidence, and rules 117350
Mahler, T. *see* Spurlin, C. 61992
Mahlol, Sh.M. *see* Makky, S.M. 120467
Mahlooji Far, A. *see* Payne, P.A. 73000
Mahlstedt, U., Alt, J., Hollenbeck, I. Deterministic test generation for non-classical faults on the gate level 61761
Mahmina, A. *see* Ramezanian, M. 101888
Mahmmud, F., Dutton, A.G., Infield, D.G. Aeroelastic investigation of a passive pitch controlled wind turbine 102572
Mahmood, A., Baker, W.I. An evaluation of parallel synchronous and conservative asynchronous logic-level simulations 73253
Mahmood, A. *see* Baker, W.I. 93074
Mahmood, F.S. Electrical and optical properties of RF sputtered ZnO thin films 114842
Mahmood, M.F., Zachary, W.W., Gill, T.L. Chirped solitary pulses in low birefringent optical fibres: a theoretical model 85029
Mahmood, M.F., Zachary, W.W., Gill, T.L. Polarization dynamics of vector solitons in an elliptically low-birefringent Kerr medium 116626
Mahmood, Z., Kagawa, Y. Finite elements with divergence-free shape function and the application to inhomogeneously-loaded waveguide analysis 104779
Mahmood, Z., Kagawa, Y. A quadrilateral edge element for dielectric loaded waveguide analysis 107997
Mahmood, Z. *see* Kagawa, Y. 97260
Mahmoud, A.M., Rashwan, M.A., Mashali, S.A., Nasar, A.M. Flexible design of a digital signal processing system for speech applications 93413
Mahmoud, A.S., Falconer, D.D., Mahmoud, S.A. A multiple access scheme for wireless access to a broadband ATM LAN based on polling and sectored antennas 67729
Mahmoud, A.S., Falconer, D.D., Mahmoud, S.A. A multiple access scheme for wireless access to a broadband ATM LAN based on polling and sectored antennas 98672
Mahmoud, M.S. *see* Agius, A.A. 88175
Mahmoud, S.A. *see* Abboudy, S. 94358
Mahmoud, S.A. *see* Chini, A. 98693
Mahmoud, S.A. *see* Mahmoud, A.S. 67729
Mahmoud, S.A. *see* Mahmoud, A.S. 98672
Mahmoud, S.A. *see* Noel, D.P. 94110
Mahmoud, S.A. *see* Roy, Y. 68083
Mahmoud, S.A. *see* Tang, W. 88383
Mahmoud, S.F. Characteristics of a chiral-coated slotted cylindrical antenna 76544
Mahmoud, S.F. Electromagnetic fields of a current loop above a chiral half space 76624
Mahmoud, W. *see* Jackson, D.J. 66862
Mahmud Zahid *see* Zahid Mahmud
Mahn, U., Oeding, D., Jonscher, A., Werht, L. Indirect compensation of unbalance caused by 50 or 60 Hz traction power supply via a three-phase system 112522
Mahner, E. *see* Pupeter, N. 73964
Mahner, E. *see* Pupeter, N. 74030
Mahner, E. *see* Pupeter, N. 83706
Mahner, E. *see* Pupeter, N. 119977
Mahnke, H.E. *see* Metzner, H. 71713
Mahon, R. *see* Battle, P.R. 72982
Mahoney, C. *see* Jorquera, C. 88958
Mahoney, D.D. *see* Lee, T.-P. 78880
Mahoney, K. *see* Ursic, R. 100598
Mahoney, K.M., Weiner, A.M. Modified femtosecond pulse shaper using microlens arrays 76092
Mahoney, L.J. *see* Brown, E.R. 63551
Mahoney, L.J. *see* Chen, C.L. 84013
Mahoney, L.J. *see* Chen, C.L. 94971
Mahoney, L.J. *see* Chen, C.L. 104851
Mahony, D.R. *see* Kawecki, T.G. 111053
Mahony, J., Mascher, P., Puff, W. On the contribution of vacancy complexes to the saturation of the carrier concentration in zinc doped InP 105137
Mahoukou, F., Dos Santos, O., Fau, C., Charar, S., Averous, M., Golacki, Z. Multiband conduction in $Pb_{1-x}Yb_xTe$ 83839
Mahr, A. *see* Assmann, W. 103035
Mahr, K. *see* Teuschler, T. 63411
Mahr, P., Schwendner, H. 16-bit microcontroller for Thomson's digital video recorder: Superior performance for tomorrow's TV 88852
Mahr, P. *see* Kaaden, J. 109930
Mahrla, P. *see* Waegner, N. 118947
Mahrt, R.F. *see* Hopmeier, M. 75699
Mahseredjian, J., Alvarado, F. The design of time-domain simulation tools: the computational engine approach 111445
Mahseredjian, J. *see* Alvarado, F.L. 111431
Mai, H. *see* Gorbunov, A.A. 92917
Mai, H. *see* Panzner, M. 92916
Mai, K. *see* Zabih, R. 86413
Mai, T.H. *see* Quang, V.X. 106958
Mai, W., Henneberger, G. Computation of steady state and transient temperature distribution in thin moving conducting sheets 96943
Mai, Z. *see* Yi, X. 79409
Mai, Z.H., Sou, I.K., Luo, G.M. X-ray analysis of ZnSe/ZnSTe quantum structure 94361
Mai Boqiang *see* Jiang Bei 80790
Mai Boqiang *see* Jiang Bei 80909
Mai Lu *see* Keyu Zhao 76542
Mai Lu *see* Lu Mai
Mai Quang *see* Quang Mai
Mai-Huong Nguyen, Schwartz, M. MCMP: a transport/session level distributed protocol for desktop conference setup 109168
Maia, M. *see* Zanetta, L.C., Jr. 111621
Maia Neto, P.A. *see* Carvalho, C.R. 96073
Maiaru, L.C., Sanz, J.L.C., Flickner, M. Periodic multiresolution analysis using quasi-orthogonals splines 103733
Maibauer, G. *see* Heuell, P. 91239
Maibor, D.S. *see* Szulewski, P.A. 70621
Maican, C.C. A general method to determine the characteristics and operating regions of distance relays in Z-plane [power system protection] 70972
Maiello, G. *see* Lazarouk, S. 94577
Maiello, G. *see* Lazarouk, S. 94904
Maiello, G. *see* Lazarouk, S. 96036
Maier, C. Infrared temperature measurement of polymers 119938
Maier, C.U., Specht, M., Bilger, G. Hydrogen evolution on platinum-coated p-silicon photocathodes 112174
Maier, D., Rothermel, H., Gundlach, K.H., Zimmermann, R. Submicron Nb-Al/Al oxide-Nb tunnel junctions sandwiched between Al films 115937
Maier, G., Munch, U. EMC measures for housings and switchgear cubicles 92201
Maier, G.V. *see* Kuznetsova, R.T. 116394
Maier, G.V. *see* Kuznetsova, R.T. 116395
Maier, H. *see* Bruder, M. 79419
Maier, H. *see* Kapser, K. 69175
Maier, J. *see* Holzinger, M. 69358
Maier, J.M.C. *see* Salomon, M. 100852
Maier, J.M.Curran *see* Curran Maier, J.M.
Maier, K.-D. The energy economy is prepared for changes–Business Re-engineering seminar of the VDEW 80850
Maier, M. *see* Czotscher, K. 107237
Maier, M. *see* Goulding, F.S. 100958
Maier, M. *see* Pensl, G. 105224
Maier, M. *see* Ralston, J.D. 96305
Maier, M.R., Ludewigt, B., Rossington, C., Yaver, H., Zaninovich, J. A sixteen channel peak sensing ADC for singles spectra in the FERA format 90245
Maier, M.R., Ludewigt, B., Rossington, C., Yaver, H., Zaninovich, J. A sixteen channel peak sensing ADC for singles spectra in the FERA format 100940
Maier, M.W. Systems architecting: an emergent discipline? 82149
Maier, M.W. *see* Acree, J.J. 88695
Maier, N. *see* Tiziani, H.J. 100349
Maier, R. *see* Albers, D. 69756
Maier, R. *see* Bechstedt, U. 100747
Maier, R. *see* Brauksiepe, S. 100815
Maier, R. *see* Stockhorst, H. 100573
Maier, S.E., Scheidegger, M.B., Kecheng Liu, Boesiger, P. Accurate velocity mapping with FAcE 69992
Maier-Komor, P. *see* Gernhaeuser, R. 69126
Maier-Komor, P. *see* Zeitelhack, K. 69712
Maifeld, T.T., Sheble, G.B. Genetic-based unit commitment algorithm 102002
Maifeld, T.T. *see* Sheble, G.B. 80964
Maigne, P., Gendry, M., Venet, T., Tahri, Y., Hollinger, G. Measurement of the extent of strain relief in InGaAs layers grown under tensile strain on InP(100) substrates 92686
Maiguma, H. *see* Hagiwara, Y. 100254
Maikowski, L. *see* Garrett, C. 83272
Mailandt, P. Boston breaks new ground on tunnel, radio communications 99122
Maile, B.E. *see* Berg, M. 93936
Maile, B.E. *see* Berg, M. 93937
Maile, B.E. *see* Hackbarth, T. 92782
Mailis, S., Boutsikaris, L., Vainos, N.A., Xirouhaki, C., Vasiliou, G., Garawal, N., Kiriakidis, G., Fritzsche, H. Holographic recording in indium-oxide (In_2O_3) and indium-tin-oxide $(In_2O_3{:}Sn)$ thin films 116770
Maillotte, H. *see* Devaux, F. 86944
Mailly, D. *see* Mace, D.R. 63097
Maim, J.-O. *see* Miller, M.S. 113298
Maimon, S., Schacham, S.E., Bahir, G., Finkman, E., Ritter, D. Mobility modulation in vertical transport of hot electrons in multiquantum-well structures 114750
Main, A. *see* Galagedera, S.B. 90216
Main, A. *see* Galagedera, S.B. 100941
Main, C. *see* Gao, W. 95093
Main, E. *see* Durec, J. 82958
Main, E. *see* Durec, J. 93873
Main, L. *see* Duval, B.K. 67792
Main, P.C. *see* Carmona, H.A. 62820
Main, P.C. *see* Carmona, H.A. 105259
Main, P.C. *see* Geim, A.K. 63812
Main, P.C. *see* Ihn, T. 105331
Main, P.C. *see* McDonnell, P. 63823
Main, P.C. *see* Nogaret, A. 63033
Main, P.C. *see* Nogaret, A. 105416
Main, P.C. *see* Sachrajda, A.S. 105358
Main, P.C. *see* Wang, J. 63549
Main, P.C. *see* Wang, J. 63553
Main, T. Teaching teachers to use telecommunications: the British Columbia experience 92054
Mainardi, L. *see* Korhonen, I. 110662
Mainardi, L. *see* Korhonen, I. 110663
Mainella, G., de Bernardis, P., de Petris, M., Mandiello, A., Perciballi, M., Romeo, G. High-performance wobbling subreflector for the Millimetre and Infrared Testa Grigia Observatory 2.6-m telescope 68822
Maines, A. *see* Cambiaso, A. 119754
Maines, J. *see* Gluskin, E. 101000
Maini, M. *see* Magistrali, F. 96416
Mainkar, V., Trivedi, K.S. Sufficient conditions for existence of a fixed point in stochastic reward net-based iterative models 113083

Mainsah, E., Dong, W.P., Stout, K.J. Problems associated with the calibration of optical probe based topography instruments 110092
Mainsah, E., Stout, K.J. Intelligent Acquisition Routines (IAR) in surface micro-topography 79266
Mainsah, E., Weiping Dong, Stout, K.J. Three dimensional imaging of engineering surfaces 79706
Maintz, J.B.A., van den Elsen, P.A., Viergever, M.A. Evaluation of ridge seeking operators for multimodality medical image matching 69952
Mainwaring, D.E. *see* Jones, C.L. 66798
Maio, A. *see* Alvsvaag, S.J. 90124
Maio, G.De *see* De Maio, G.
Maio, I., Canavero, F.G., Dilecce, B. Analysis of crosstalk and field coupling to lossy MTLs in a SPICE environment 97184
Maio, I. *see* Biey, M. 113711
Maiolino, C. *see* Bellia, G. 90238
Maiolino, C. *see* Bellia, G. 100996
Maione, B. *see* de Sario, M. *(editor)* 112734
Maior, M.M. *see* Penning, F.C. 99902
Maiorets, A.A. *see* Arkhangel'skii, V.A. 120331
Maiorov, N.I. *see* Pantskhava, E.S. 102421
Mair, B.A., Rao, M., Anderson, J.M.M. A refined mathematical model for positron emission tomography 101166
Mair, B.A., Wilson, D.C., Reti, Z. Deblurring the discrete Gaussian blur 108509
Mair, B.A. *see* Anderson, J.M.M. 101179
Mair, H.J. *see* Blinne, G. 61454
Mair, R. *see* Saez, P. 90076
Mair, R.A. *see* Maruyama, T. 114504
Mais, H. Some topics in beam dynamics of storage rings 120047
Mais, N. *see* Eisert, D. 75948
Maischak, M. *see* Holm, H. 92629
Maischberger, O. *see* Gschwind, M. 93638
Maisey, M.N. *see* Badawi, R.D. 110686
Maisl, M. *see* Zhou, J. 72992
Maissa, S., Junquera, T., Fouaidy, M., Le Goff, A., Bonin, B., Luong, M., Safa, H., Tan, J. Study of luminous phenomena observed on contaminated metallic surfaces submitted to high RF fields 73971
Maissa, S. *see* Junquera, T. 100495
Mait, J.N. *see* Mirotznik, M.S. 95913
Mait, J.N. *see* Prather, D.W. 95914
Maital, S. *see* Koschatzky, K. 103361
Maiti, B., Shum, D., Paulson, W.M., Ko-Min Chang, Tobin, P.J., Weidner, M., Kuo, C. Highly reliable furnace-grown N_2O tunnel oxide for a microcontroller with embedded flash EEPROM 93486
Maiti, B., Tobin, P.J., Okada, Y., Reid, K.G., Ajuria, S.A., Hegde, R.I., Kaushik, V. Oxynitride gate dielectric grown in nitric oxide (NO): the effect of reoxidation on dielectric reliability of the active edge 63175
Maiti, B. *see* Ajuria, S.A. 63176
Maiti, B. *see* Basu, M. 105117
Maiti, C.K. Effects of emitter geometry on current gain in $Si_{1-x}Ge_x$/Si BICFETs 106084
Maiti, C.K. *see* Bera, L.K. 105458
Maiti, C.K. *see* Kal, S. 106183
Maiti, C.K. *see* Mukhopadhyay, M. 84153
Maiti, C.K. *see* Mukhopadhyay, M. 105678
Maiti, C.K. *see* Ray, S.K. 61364
Maiti, H.S. *see* Chakraborty, A. 81812
Maiti, H.s. *see* Chakraborty, A. 81840
Maitra, A., Dan, M. Propagation of pulses at optical wavelengths through fog-filled medium 76440
Maitra, A., Padhye, M.P., Saha, T.N. A microprocessor based digital distance relay 121222
Maitra, A., Saha, T.N. Modified rectangular coordinate load flow solution techniques 120958
Maitra, R., O'Sullivan, F. Estimating the variability of reconstructed PET data: a technique based on approximating the reconstruction filter by a sum of Gaussian kernels 90438
Maitre, H. *see* Geraud, T. 101242
Maitre, H. *see* Gouinaud, C. 111316
Maitre, H. *see* Paquerault, S. 111129
Maitre, H. *see* Trouve, E. 98008
Maitre, H. *see* Verdonck, B. 80314
Maity, A.B. *see* Basu, M. 105117
Maiwa, Y. *see* Wadayama, T. 105739
Maiwald, W.J. PC Cards made by SIPAD 94091
Maizer, S., Kneissl, M., Kiesel, P., Gulden, K.H., Wu, X.X., Smith, J.S., Dohler, G.H. Properties and applications of the "epitaxial shadow mask molecular beam epitaxy technique" 82678
Maj, B., Mutsaers, P.H.A., Rokita, E., de Voigt, M.J.A. Determination of the microbeam profile using deconvolution procedures 100766
Maj, J. *see* Primdahl, K. 100512
Majanne, Y., Lautala, P., Lappalainen, R. Condition monitoring and diagnosis in solid fuel gasification process 109988
Majaron, B., Rupnik, T., Lukac, M. Temperature and gain dynamics in flashlamp-pumped Er:YAG 107194
Majchrzak, A. *see* King, N. 60536
Majchrzyckia, W. *see* Wojcik, G. 121846
Majd, M., Gladisch, A. An experimental method for determination of polarization state at a remote device via measuring the back reflected light 84966
Majeed, K.N. *see* DePoyster, M.R. 118439
Majeed, R.M., Wei-Guo Chen, McLane, P.J., Lazaris-Brunner, K. Optimum digital modulation for nonlinear FDMA uplink and a regenerative satellite on-board processor 78631
Majer, K. *see* Jablonski, M. 91637
Majerus, M. *see* Nair, V. 83362
Majetich, S. *see* Gallagher, K. 115578
Majetich, S.A. *see* Kirkpatrick, E.M. 115529
Majevski, M. *see* Duftschmid, K.E. 110984
Majewski, A. *see* Krasinski, Z. 76386
Majewski, J. *see* Brauksiepe, S. 100815
Majewski, M.L. Transverse modes in vertical-cavity surface-emitting laser diodes 76009
Majewski, M.L. *see* Rakic, A.D. 76089
Majewski, P.P. *see* Normand, E. 70338
Majewski, R. *see* Zoratti, P. 68640
Majewski, S. *see* Yiping Shao 101120
Majewski, W. Zarnowiec: Poland's largest pumped-storage power plant 81353
Majhi, A.K., Jacob, J., Patnaik, L.M. A novel path delay fault simulator using binary logic 93269
Majhi, A.K., Jacob, J., Patnaik, L.M., Agrawal, V.D. On test coverage of path delay faults 93347
Majhi, S., Patra, K.C. Power system transient studies by damped trapezoidal integration program 120975
Majhofer, A. Flux pinning, inductance effects and critical state behaviour in Josephson junction arrays 95463
Majima, H. *see* Mutoh, N. 87618
Majima, K. *see* Uehara, T. 109937
Majima, T. *see* Kawasima, H. 91573
Majithia, J.C. *see* Basu, A. 93275
Majkova, E. *see* Jergel, M. 94578
Majkova, E. *see* Luby, S. 74107
Majkova, E. *see* Luby, S. 94826
Majkrzak, C.F. *see* Ankner, J.F. 64364
Majkrzak, C.F. *see* Borchers, J.A. 64356
Majkusiak, B., Jarzebowski, L. Experimental and theoretical study of the amplification and switching action in the MISIM tunnel transistor 84504
Majmudar, B.A. *see* Kaul, M.K. 88266
Majmundar, M.V., Reed, J.H., Petrus, P. Interference rejection for IS-54 signals 116930
Majni, G. *see* Barucca, G. 113328
Majni, G. *see* Leggieri, G. 92928
Majni, G. *see* Luby, S. 94826
Majni, G. *see* Pinto, N. 61263
Major, A. *see* McCanny, J.V. 77535
Major, J., Geels, R., Hanmin Zhao, Osinski, J., Welch, D. High-temperature, high-power self-pulsating 635 nm laser diodes 65251
Major, J. *see* Bischof, M. 90579
Major, J.M. *see* Lang, R.J. 75995
Major, J.S. *see* Geels, R.S. 65253
Major, J.S., Jr. *see* Gulgazov, V. 116527
Major, L. *see* Youming Chen 85440
Majoros, M., Polak, M., Kvitkovic, J., Suchon, D., Martini, L., Ottoboni, V., Zannella, S. Electromagnetic properties of Bi-2223/Ag concentric tapes 95413
Majoros, M. *see* Hlasnik, I. 95412
Majorova, E.K. *see* Pinchuk, G.A. 68800
Majors, S.S. *see* Kamon, M. 83529
Majoux, B. *see* Weiss, J. 93159
Majumdar, A. Electron drift velocity versus electric field in III-V semiconductors 83831
Majumdar, A. On evaluating and optimizing weights for weighted random pattern testing 110001
Majumdar, A., Luo, K., Lai, J., Shi, Z. Failure analysis of sub-micrometer devices and structures using scanning thermal microscopy 105830
Majumdar, A., Luo, K., Shi, Z., Varesi, J. Scanning thermal microscopy at nanometer scales: a new frontier in experimental heat transfer 110424
Majumdar, A. *see* Jie Lai 63733
Majumdar, A. *see* Kagaris, D. 73216
Majumdar, A. *see* Mazumder, P. 122116
Majumdar, A.K. *see* Sarkar, S. 95154
Majumdar, B. Studies on the effect of channel implantation on the drain current of a grooved-gate MOSFET 95018
Majumdar, B., Gangopadhyay, U., Saha, H., Mukherjee, M.K. Study of U groove structure as power MOSFET 106007
Majumdar, D.D. *see* Banerjee, S. 69938
Majumdar, G. *see* Mori, S. 81964
Majumdar, J. *see* Seetharaman, K. 97985
Majumdar, L. *see* Chattopadhyay, P. 84461
Majumdar, M. *see* Sarma, S.S. 61572
Majumdar, M.R.Dutta *see* Dutta Majumdar, M.R.
Majumdar, P. *see* Olivos, T. 83575
Majumdar, S., Chattopadhyay, D., Parikh, J. Interruptible load management using optimal power flow analysis 70713
Majumdar, S., Phillips, T. Performance of scheduling strategies for client-server systems 87748
Majumdar, S., Sultana, Q.S. The lattice of fuzzy ideals of a ring 72504
Majumder, S.P., Alam, M.S., Gangopadhyay, R. Performance analysis of subcarrier modulated optical frequency modulation with nonuniform laser frequency-modulation response 68493
Majunder, D.D. *see* Chanda, B. 92164
Mak, A.A., Ustyugov, V.I. Solid-state lasers with longitudinal laser-diode pumping: efficiency, scaling, dynamics, and noise 96187
Mak, A.A. *see* Khaleev, M.M. 96238
Mak, A.F.T. *see* Yong-Ping Zheng 101297
Mak, H.B. *see* Jillings, C.J. 74083
Mak, P., Tsai, M.-H., Natarajan, J., Wright, B.L., Grotjohn, T.A., Salam, F.M.A., Siegel, M., Asmussen, J. Investigation of multipolar electron cyclotron resonance plasma source sensors and models for plasma control 94744
Mak, S. *see* Ma, D.X. 114917
Makai, J.J. *see* Makai, J.P. 79436
Makai, J.P., Makai, J.J. Current-to-voltage converter for linearity correction of low shunt resistance photovoltaic detectors 79436
Makamura, S. *see* Iida, K. 64049
Makans, J. Gas-turbine combined cycle becoming the world standard 111818
Makansi, J. Process optimization aims for closed-loop control 71016
Makansi, J. Emissions control–despite market uncertainty, a few new approaches come forward 91315
Makansi, J. Savvy fuel strategies can revitalize solid-fuel plants 91349
Makareinis, D. Seismic developments in porcelain protection 91208
Makarenko, A.S., Naidenko, N.N. Investigation of the characteristics of optimized transmission phase microwave loop shifters 104812
Makarenko, I.N. Measurements of electrical resistance of HTSC single crystals under hydrostatic pressures up to 1.5 GPa 119830
Makarenko, I.V. *see* Bolotov, L.N. 63655
Makarenko, I.V. *see* Bolotov, L.N. 75725
Makarevitch, B. Resolving service interactions by service components 67895
Makaricheva, E.U. *see* Arsenjev, A.P. 70243
Makarious, A.S. *see* Bashter, I.I. 71096
Makaroff, D. *see* Neufeld, G. 87992
Makaroff, D. *see* Neufeld, G. 119406
Makarov, A., Vesin, J.-M., Reymond, F. Intrusion detection robust to slow and abrupt lighting changes 66889
Makarov, A. *see* Severgin, Yu. 89876
Makarov, A.A. New objectives of studies of complex energy problems 80838
Makarov, A.A., Shapot, D.V. Energy as the moving force of the economy 81193
Makarov, A.A. *see* Golovnin, I.V. 85445
Makarov, A.A. *see* Volkova, E.A. 101812
Makarov, A.Yu. An optoelectronic system to process signals in radio engineering devices 66753
Makarov, E.K., Rachkovski, N.N. Density theorems for generalized Henig proper efficiency 113193
Makarov, G.I. *see* Bichutskaya, T.I. 65835
Makarov, I.G. *see* Kozyrev, E.V. 79766
Makarov, I.G. *see* Kozyrev, E.V. 114520
Makarov, L.G. *see* Baldin, A.M. 90061
Makarov, M.M. Balancing an arbitrary matrix using calculations with Stieltjes matrices 61002
Makarov, N. *see* Hernandez, G. 101558
Makarov, N.V. *see* Andreev, V.S. 73758
Makarov, S.D. *see* Shur, V.Ya. 95265
Makarov, S.M. Test generation of digital circuits using multi-valued logic and inductive statements 83031
Makarov, V.L. *see* Gavrilyuk, I.P. 72700
Makarov, V.V. Computer-aided design of wide-range DC voltmeters based on two-parameter amplitude adaptation 88922
Makarov, V.V., Kopelevich, Y., Moehlecke, S. Frozen magnetization in $Bi_2Sr_2Ca_2Cu_3O_{10}$ 106656
Makarov, V.V. *see* Smirnov, V.K. 105099
Makarov, Yu.N. *see* Dauelsberg, M. 104071
Makarov, Yu.N. *see* Hofmann, D. 104136
Makarov, Yu.N. *see* Karpov, S.Yu. 103822
Makarov, Yu.N. *see* Karpov, S.Yu. 103992
Makarov, Y.V., Maslennikov, V.A., Hill, D.J. Calculation of oscillatory stability margins in the space of power system controlled parameters 101897
Makarova, A.S. *see* Volkova, E.A. 101812
Makarova, L.V. *see* Martynova, O.I. 121354
Makaruschka, R. *see* Essen, H. 111310
Makashev, N.K., Buykin, O.G., Asmolov, E.S. Computational and experimental investigation of gas-assisted laser cutting of thick metal 107667
Makashev, N.K., Buzykin, O.G., Asmolov, E.S. Experimental investigation of the gas flow in gas-assisted laser cutting by means of geometrically similar models 107668
Makashev, N.K. *see* Dolinina, V.I. 85365
Makatsoris, J. *see* Mirasgedis, S. 111707
Makdisi, Y. *see* Wu, J. 110619
Makdisi, Y.I. Spin at RHIC 119963
Makdisi, Y.I. *see* Huang, H. 119985
Makedon, F., Symvonis, A. Flit-serial packet routing on meshes and tori 77802
Makedon, F. *see* Matthews, J. 118612
Makeev, A.V. *see* Belikov, S.V. 120187
Makeev, N.G., Rumyantsev, V.G. Feasible designs of a pulsed high-current plasma X-ray tube 80146
Makeev, Uj.G., Motornenko, A.F. Nondestructive local measuring microwave method of electrical parameters of dielectrics 79667
Makeev, Yu.G., Motorenko, A.P., Zorkin, A.A. A semiconductor millimeter range oscillator 83361
Makeev, Yu.G., Motornenko, A.P., Zorkin, A.A. A semiconductor microwave generator with a waveguide-dielectric cavity 73635
Makela, J. *see* Heikkinen, J. 71141

Makela, K., Holtta, V., Jaaskelainen, S., Kononen, M., Jousmaki, V. Inter-hospital comparison of Ganzfeld ERG photostimulators 90409
Makela, M.M. *see* Miettinen, K. 72543
Makelainen, K. *see* Pham Manh Lam 118436
Makelskii, V.D. *see* Malinin, L.I. 103081
Makepeace, L. Interactive multimedia services provided by an interoperable-global network using world wide standards 78175
Maker, P.D. *see* Sarusi, G. 69295
Makhaev, V.M. *see* Berezovskii, A.V. 69015
Makhija, K.K. *see* Patel, N.G. 110269
Makhija, M.G. *see* Kapoor, S. 78860
Makhist, L. *see* Demidenko, S. 61770
Makhkamov, S.M., Abdurakhmanova, S.N. Influence of biographic SiO_2 inclusions on the electrophysical properties of silicon 94280
Makhmara, H. *see* Le Traon, P.Y. 90817
Makhmudov, F.K. *see* Abdurakhmanov, B.M. 81873
Makhnii, V.P. Photoelectric properties of heterojunctions based on wide-gap II-VI compounds 114700
Makhnii, V.P., Berezovskii, M.M. Photoelectric properties of anisotype heterojunctions based on wide-gap II-VI compounds 105279
Makhoul, M.S. Optical frequency modulation for coherent optical subcarrier multiplexing tranmission 119243
Makhov, V.I. *see* Eremchenko, D. 73918
Makhrin, V.I. *see* Luchinskii, A.V. 121563
Makhrovskiy, O.V., Shibanov, V.S., Tkachman, I.N. Cable networks evolution for multimedia delivery in Russia 119483
Maki, A. *see* Eklundh, J.-O. 87141
Maki, A.G. *see* Tachikawa, M. 116295
Maki, D. *see* Tajima, Y. 68052
Maki, J.J. *see* Kauranen, M. 85581
Maki, J.J. *see* Kauranen, M. 96739
Maki, K. *see* Matsumoto, K. 106341
Maki, M.C., Dickie, M.C. New options in using infrared for detection, assessment and surveillance 119488
Maki, N., Okada, M., Doi, T.J., Kanai, T., Sato, J., Higashiyama, K. Correlation between fabrication factor and superconducting properties of the Tl- and Bi-based high-T_c superconductor 115894
Maki, N. *see* Takahashi, R. 95422
Maki, N. *see* Torii, S. 102631
Maki, P.A. *see* Aull, B.F. 67219
Maki, T. *see* Amurohka, H. 100892
Maki, T. *see* Maruyama, K. 100989
Maki, T. *see* Suzuki, S. 105489
Makida, Y. *see* Kim, S.W. 95406
Makida, Y. *see* Yamamoto, A. 89625
Makida, Y. *see* Yamaoka, H. 90189
Makie-Fukuda, K., Anbo, T., Tsukada, T., Matsuura, T., Hotta, M. Voltage-comparator-based measurement of equivalently sampled substrate noise waveforms in mixed-signal integrated circuits 62055
Makihara, Y., Uekiyo, N., Tabata, A., Abe, Y. Accuracy of radar-AMeDAS precipitation 90786
Makikawa, M. *see* Habu, Y. 90271
Makimoto, M. *see* Masegawa, M. 88262
Makimoto, M. *see* Yabuki, H. 62173
Makimoto, M. *see* Yabuki, H. 104786
Makimoto, T., Kobayashi, N. Nitridation of GaAs surfaces using nitrogen molecules cracked by a hot tungsten filament 105693
Makimura, T. *see* Murakami, K. 113344
Makin, V.S. *see* Trubaev, V.V. 76376
Makinae, N., Suzuki, H., Suda, K. A software platform for service operation systems 87591
Makinen, J. *see* Poutanen, M. 99411
Makino, A., Hatanai, T., Yopshida, S., Hasegawa, N., Inoue, A., Masumoto, T. High permeability and low core losses of nanocrystalline Fe-Nb-Zr-B-Cu alloys 95341
Makino, A., Hayakawa, Y. Microstructure and crystallization behavior of Fe-M-O (M=Hf, Zr) films with high resistivity 64159
Makino, A. *see* Hasegawa, N. 115628
Makino, A. *see* Hayakawa, Y. 64197
Makino, A. *see* Inoue, A. 64252
Makino, A. *see* Inoue, A. 95343
Makino, A. *see* Inoue, A. 115582
Makino, E. *see* Ikeda, M. 76318
Makino, E. *see* Kato, D. 68927
Makino, H., Nakase, Y., Suzuki, H., Morinaka, H., Shinohara, H., Mashiko, K. An 8.8-ns 54×54-bit multiplier with high speed redundant binary architecture 61852
Makino, H., Suzuki, H., Morinaka, H., Nakase, Y., Mashiko, K., Sumi, T. A 286 MHz 64-b floating point multiplier with enhanced CG operation 61811
Makino, H., Suzuki, H., Morinaka, H., Nakase, Y., Mashiko, K., Sumi, T. A 286 MHz 64-b floating point multiplier with enhanced CG operation 93279
Makino, H., Suzuki, H., Morinaka, H., Nakase, Y., Shinohara, H., Mashiko, K., Sumi, T., Horiba, Y. A design of high-speed 4-2 compressor for fast multiplier 61826
Makino, H. *see* Morinaka, H. 61825
Makino, H. *see* Nakashizuka, M. 110827
Makino, H. *see* Sato, E. 110878
Makino, H. *see* Suzuki, H. 93258
Makino, K., Nishimura, K., Hiyashi, H., Arai, M. A new method for system optimization by neural networks 101700
Makino, K., Shimada, T., Ichikawa, R., Ono, M., Endo, T. Daily peak electric load forecasting using an artificial neural network and an improvement method for reducing the forecasting errors 101996
Makino, M., Hayama, H., Tozaki, T. The development of a high specific speed Pelton turbine for a mountainous site 71164
Makino, N., Mukai, K., Kataoka, Y. Analysis technique for a nanometer-order thin surface layer on polyimide film using a silver-film-enhanced IR-Johnson method [LCD image nonuniformity] 89440
Makino, S. Relationship between the "ES family" algorithms and conventional adaptive algorithms 66843
Makino, S., Haneda, Y. Subband echo canceller with an exponentially weighted stepsize NLMS adaptive filter 85887
Makino, S. *see* Haneda, Y. 67973
Makino, S. *see* Naito, I. 117073
Makino, T. High sidemode suppression of partly gain-coupled distributed feedback lasers with periodically etched quantum wells 116471
Makino, T., Chikaizumi, R., Nagaoka, T., Furuhara, T., Makino, T. Microstructure development in a thermomechanically processed Ti-15V-3Cr-3Sn-3Al alloy 113511
Makino, T., Li, G.P., Sarangan, A., Huang, E. Multiwavelength gain-coupled MQW DFB laser array with fine tunability 85496
Makino, T. *see* Adams, D.M. 116528
Makino, T. *see* Anis, H. 65262
Makino, T. *see* Anis, H. 85531
Makino, T. *see* Champagne, A. 65303
Makino, T. *see* Chen, Y. 75989
Makino, T. *see* Gong, X.Y. 92751
Makino, T. *see* Jianyao Chen 65288
Makino, T. *see* Jianyao Chen 85482
Makino, T. *see* Jianyao Chen 116532
Makino, T. *see* Li, G.P. 96427
Makino, T. *see* Lu, H. 65296
Makino, T. *see* Makino, T. 113511
Makino, T. *see* Nagase, M. 100311
Makino, T. *see* Namatsu, H. 114719
Makino, T. *see* Sarangan, A.M. 96375
Makino, T. *see* Sarangan, A.M. 107315
Makino, T. *see* Zhou, J. 65217
Makino, Y. *see* Inoue, L. 93913
Makino, Y. *see* Okabe, S. 121543
Makinouchi, A. *see* Nikishkov, G.P. 82564
Makio, S. *see* Furukawa, Y. 96683
Makioka, S., Enomoto, S., Furukawa, H., Tateoka, K., Yoshikawa, N., Kanazawa, K. A miniaturized GaAs power amplifier for 1.5 GHz digital cellular phones 88197
Makioka, S., Yoshikawa, N., Kanazawa, K. A high efficiency GaAs MCM power amplifier for 1.9 GHz digital cordless telephones 62321
Makioka, S., Yoshikawa, N., Kanazawa, K. A GaAs MuMIC power amplifier with a harmonic rejection filter for digital European cordless telecommunication system 73792
Makios, V. *see* Maniatopoulos, A. 67536
Makios, V. *see* Papadopoulos, C. 71501
Makisara, K., Tomppo, E. Airborne imaging spectrometry in National Forest Inventory [Finland] 120909
Makishima, K. *see* Ohashi, T. 99891
Makishima, T. *see* Kubota, M. 99753
Makishima, T. *see* Kubota, M. 109902
Makita, A. *see* Tsujimura, T. 89268
Makita, H., Iwasaki, T., Bamba, T. Reference generation for servo-motors with cam motion curve and auto-tuning of its generating parameter 102766
Makita, K., Watanabe, I., Tsuji, N., Taguchi, K. Dark current and breakdown analysis in In(Al)GaAs/InAlAs superlattice avalanche photodiodes 85285
Makita, K. *see* Hayashi, M. 64942
Makita, K. *see* Mashimo, T. 84840
Makita, K. *see* Tsuji, M. 72820
Makita, K. *see* Tzeng, L.D. 99569
Makita, K. *see* Watanabe 78805
Makita, K. *see* Watanabe, I. 64940
Makita, K. *see* Watanabe, I. 64941
Makita, K. *see* Yun, T.Y. 99570
Makita, T., Toda, F., Abe, H. Fabrication and electrical properties of In/(Ba,Rb)BiO_3/$SrTiO_3$ three terminal device 84917
Makita, T. *see* Horikawa, T. 113935
Makita, T. *see* Horikawa, T. 115444
Makita, T. *see* Konishi, H. 69911
Makita, Y. Novel features of photoluminescence spectra from acceptor-doped GaAs: formation of acceptor-acceptor pair emissions and optical compensation effect 83823
Makita, Y. *see* Iida, T. 114621
Makita, Y. *see* Kobayashi, N. 104028
Makita, Y. *see* Niki, S. 83879
Makita, Y. *see* Yamada, A. 64914
Makita, Y. *see* Yamada, A. 82604
Makiyama, T. *see* Uota, T. 78161
Makki, H. *see* Bobbio, S. 106287
Makki, K. *see* Wuxu Peng 67590
Makki, K. *see* Xiaohua Jia 109290
Makki, R. *see* Jian Liu 61890
Makki, R.Z. *see* Rorie, J.F. 70223
Makky, A. *see* El-Saady, G. 81937
Makky, S.M., Mahlol, Sh.M. Localizing and size estimation of brain tumors using EEG records as an inverse mathematical problem 120467
Makl, A.S. *see* Ladew, R.A. 83640
Makl, R.A., Quevedo, H.A. Modeling of heavy tailed aliasing distribution for undersampled IRST systems 108659
Maklad, M. *see* Chin, R. 100054
Maklad, N. *see* Ophir, J. 90290
Maklashevsky, V.J. *see* Kapranov, B.I. 82797
Mako, F.M. *see* Godlove, T.F. 90227
Mako, R. *see* Thompson, C.J. 101124
Makosa, A. *see* Belyaev, A.E. 105366
Makosa, A. *see* Figielski, T. 115148
Makous, W. *see* Naiman, A.C. 89285
Makoviichuk, M.I. *see* Bresler, M.S. 75720
Makovkin, A.V. *see* Fetisov, Y.K. 75286
Makower, A. *see* Bier, F.F. 120271
Makowiecki, D. *see* Kerns, J.A. 82218
Makowska-Janusik, M. *see* Kravchuk, V. 85158
Makowska-Janusik, M. *see* Mervinski, R.I. 76239
Makowski, A.M. *see* Parulekar, M. 87361
Makram, E.B. *see* Varadan, S. 91956
Makri, F.S., Philippou, A.N. Exact reliability formulas for linear and circular m-consecutive-k-out-of-n:F systems 60716
Maksayev, O.G. *see* Kulchin, Yu.N. 85179
Maksiasheva, A.A. *see* Poustylnik, O.D. 95049
Maksimenko, S.A. *see* Slepyan, G.Ya. 97087
Maksimenko, V.M. *see* Babich, V.M. 74090
Maksimov, A.Yu. *see* Ivanov, P.A. 104055
Maksimov, A.Yu. *see* Maltsev, A.A. 103818
Maksimov, G.A. *see* Avrutskii, I.A. 107332
Maksimov, J.P. *see* Danilov, O.B. 116364
Maksimov, K.S. *see* Maksimov, S.K. 61276
Maksimov, M.V. *see* Brunkov, P.N. 74361
Maksimov, M.V. *see* Egorov, A.Yu. 114763
Maksimov, M.V. *see* Toropov, A.A. 63007
Maksimov, M.V. *see* Zhmerik, V.N. 74537
Maksimov, S.A. *see* Anisimkin, V.I. 110259
Maksimov, S.K., Maksimov, K.S., Il'ichev, E.A. Sign of the mixing energy and the possibility of nonequilibrium phase transitions accompanying crystallization 61276
Maksimov, V.V. *see* Braunschweig, W. 120173
Maksimov, Y.P. *see* Kuprenyuk, V.I. 116335
Maksimov, Yu.P. *see* Belyaev, A.A. 75811
Maksimov, Yu.P. *see* Belyaev, A.A. 116307
Maksimova, I.L. *see* Izotova, V.F. 89537
Maksimova, N.M. *see* Korzhuev, M.A. 74517
Maksimova, N.M. *see* Svechnikova, T.E. 94444
Maksimovic, D., Yungtaek Jang, Erickson, R.W. Nonlinear-carrier control for high-power-factor boost rectifiers 81572
Maksimovic, D. *see* Arntzen, B. 121603
Maksimovic, D. *see* Current, K.W. 73314
Maksimovic, D. *see* Oliveira, C. 71418
Maksimovic, D. *see* Pejovic, P. 73072
Maksimovic, D. *see* Zane, R. 71458
Maksimovic, D. *see* Zane, R. 121770
Maksimovic, D.M. *see* Milentijevic, I.Z. 83034
Maksyuta, I.M. *see* Shembel, E.M. 112235
Maksyuta, I.M. *see* Shembel, E.M. 112236
Makulkin, A.V., Panasyuk, V.S. Metrological research schemes from the Troll' project 79829
Makungu, M., Barbeau, M., St-Denis, F. A supervisory control theoretical approach to congestion management 118268
Makur, A. BOT's based on nonuniform filter banks 97779
Makur, A. *see* Joseph, B. 66381
Makur, A. *see* Narayana Murthy, V.L. 86305
Mal, H.H.van *see* van Mal, H.H.
Mal-Rey Lee, Tae-Eun Kim, Young-Joon Choi An expert-system approach to monitoring the general operating procedures of PWR plants 81287
Malacara, D. *see* Haiming Wang 100304
Malacara, D. *see* Servin, M. 96765
Malacara-Hernandez, D. *see* Vlad, V.I. 76306
Malacky, L., Kudela, R., Morvic, M., Cerniansky, M., Peiner, E., Wehmann, H.-H. Delta-doped InGaP grown by low pressure metalorganic chemical vapor deposition 104147
Malacky, L. *see* Wehmann, H.-H. 100044
Malag, A., Mroziewicz, B. Vertical beam divergence of double-barrier multiquantum well (DBMQW) (AlGa)As heterostructure lasers 76023
Malaga, A., Markstrom, K.-A., Stratton, A. The HF=Datalink project 99151
Malai, I.M. *see* Smirnov, A.P. 78958
Malaiya, Y.K. *see* Menon, S.M. 93210
Malaiya, Y.K. *see* Menon, S.M. 93274
Malakhov, N.A. *see* Sadygov, Z.Y. 89062
Malakhov, N.A. *see* Sadygov, Z.Y. 110602
Malamos, A.G., Kalaitzakis, K., Voulgaris, N.C. A microcontroller-based system for monitoring and controlling the operation of an uninterruptible power supply 71513
Malamud, G., Breskin, A., Chechik, R. A study of relativistic charged particle identification by primary cluster counting 69825
Malamud, G. *see* Vasileiadis, G. 69826
Malanczuk, P. Independent private enterprise and satellite communications: the evolving European legal framework 99413
Malandain, G. *see* Feldmar, J. 110709
Malandrino, A. *see* Bistolfi, M. 71692

Malang, U. *see* Lisunov, K.G. 74311
Malara, Z.D. The multicriteria analyses as a tool of total quality management 103470
Malaret, E. *see* Askari, F. 120848
Malarkey, C. *see* Abramovitz, I.J. 61673
Malassiotis, S., Strintzis, M.G. Joint motion/disparity MAP estimation for stereo image sequences 67163
Malatesta, M. *see* Bassini, R. 88942
Malatesta, M. *see* Bassini, R. 100963
Malatesta, T. *see* de Notaristefani, F. 110698
Malavasi, E., Charbon, E., Felt, E., Sangiovanni-Vincentelli, A. Automation of IC layout with analog constraints 95098
Malavasi, E. *see* Bamji, C. 84559
Malavasi, E. *see* Miliozzi, P. 84590
Malave, C.O. *see* Castillo, C. 94020
Malaya, L.Ya. *see* Klyuev, V.G. 75707
Malberti, P., Ciappa, M., Cattomio, R. A power-cycling-induced failure mechanism of IGBT multichip modules 94939
Malberti, P., Ciappa, M., Scacco, P. A new backetch for silicon devices 94805
Malberti, P. *see* Ciappa, M. 105854
Malberti, P. *see* Ciappa, M. 113719
Malburet, P. *see* Llebaria, A. 77093
Malcagni, M. A new DSP architecture for the GSM 68149
Malcangi, M. The start of a new era for microcontrollers 113959
Malchi, S. *see* Izak-Biran, T. 80530
Malchow, S. *see* Sartorius, B. 68502
Malciu, M. *see* Buzuloiu, V. 87200
Malcolm, R. *see* Bernadas, S. 79200
Malcolm, W. *see* Sundaram, A. 111512
Malcovati, P. *see* Bolliger, D. 79428
Malcovati, P. *see* Calligaro, C. 73400
Malcovati, P. *see* Calligaro, C. 93109
Malcovati, P. *see* Duque-Carrillo, J.F. 62054
Malcovati, P. *see* Haberli, A. 79362
Malcovati, P. *see* Haberli, A. 119605
Malcovati, P. *see* Korvink, J.G. 89040
Malcuit, M.S., Heid, C., Stone, T.W. Optical properties of nonlinear volume holographic elements 65563
Malcuit, M.S. *see* Kralik, J.C. 75587
Maldonado, E.P., Nogueira, G.E., Vieira, N.D., Jr. An efficient acousto-optic mode-locker with low insertion loss 95891
Maldonado, J.R. *see* Celliers, P. 76312
Maldonado, P. *see* Kastrup, O. 121243
Maldonado, T.A. *see* Landry, G.D. 64719
Male, A.M., Burchill, W.E. Enhancing self-assessment through training [nuclear safety] 81222
Maleck-Rassoul, R., Ivanov, A., Capelle, F., Le Calvez, A., Freysz, E., Ducasse, A. Frequency doubling for femtosecond pulses of a Ti:sapphire amplifier 76213
Maleev, S.N. *see* Kosov, A.S. 101561
Maleev, S.N. *see* Kosov, A.S. 111192
Malek, A. *see* Bowes, C.L. 92829
Malek, C.K., Jackson, K.H., Bonivert, W.D., Hruby, J. Masks for high aspect ratio X-ray lithography 74655
Malek, M., Chillakanti, P., Shaikh, S.A., Sinha, A. Graph modeling of parallelism in superscalar architecture–a case study of HP PA-RISC microprocessor 104585
Malek, R. *see* Rouhani, M.D. 72846
Malek-Tabrizi, A., Najafi, S.I., Martinu, L. Glass integrated optics symmetric and nonsymmetric Mach-Zehnder interferometer sensors 99918
Malek-Tabrizi, A. *see* Chisham, J.E. 95786
Malek-Tabrizi, A. *see* Coudray, P. 85041
Malek-Tabrizi, A. *see* Coudray, P. 95790
Malek-Tabrizi, A. *see* Najafi, S.I. 95785
Maleki, K. *see* Fararooy, S. 91837
Maleki, L. *see* Yao, X.S. 73153
Maleki, L. *see* Yao, X.S. 96702
Maleki, M. *see* Petersen, J.C. 64711
Malenfant, P.R.L. *see* Barclay, G.G. 105778
Malesani, L., Mattavelli, P., Tomasin, P. High-performance hysteresis modulation technique for active filters 71472
Malesani, L., Rossetto, L., Spiazzi, G., Zuccato, A. An AC power supply with sliding-mode control 102867
Malesani, L. *see* Spiazzi, G. 112099
Maletic, D. *see* Haffmans, A.F. 89878
Maletic, D. *see* Haffmans, A.F. 90001
Malewski, R. *see* Claudi, A. 102811
Maley, J.G. Enterprise security infrastructure 117262
Maley, N. *see* Carlson, D.E. 112360
Maley, P.D. *see* Bennet, J.M. 90165
Maleysson, C. *see* Passard, M. 114665
Malferrari, L. *see* Baldanza, C. 69857
Malferrari, L. *see* Baldanza, C. 100919
Malgeri, M. *see* Alfonzetti, S. 64390
Malginov, V.A. *see* Gavrilin, A.V. 95583
Malgouyres, R. There is no local characterization of separating and thin objects in $\mathbf{Z}^3$ 108442
Malherbe, J.A.G. *see* Coetzee, J.C. 114206
Malhi, D.S. *see* Elrabaa, M.S. 63965
Malhi, D.S. *see* Long, J.R. 74822
Malhotra, M. An efficient stiffness-insensitive method for transient analysis of Markov availability models 113028
Malhotra, M., Agarwal, S.C., Kumar, S. Deposition of diamond films on metal substrates 82710
Malhotra, M. *see* Bansch, K. 82340
Malhotra, M.K., Grover, V., Desilvio, M. Reengineering the new product development process: a framework for innovation and flexibility in high technology firms 103389
Malhotra, R. *see* Gupta, R. 72555
Malhotra, S.S. *see* Hopkins, P.F. 84821
Mali, W.P.T.M. *see* Post, M.J. 69976
Maliavine, V.P. *see* Ikonnikov, V.K. 107085
Maliborski, H.A. *see* Hovis, F.E. 107481
Malicheva, T.V., Shulgov, V.V. The protection chips from external mechanical loads in microelectronic products 82277
Malik, A.Q., Hussen, H.B. Development of a solar cooker in Brunei Darussalam 91767
Malik, J. On binocularly viewed occlusion junctions 67235
Malik, J. *see* Leung, T. 67264
Malik, J. *see* Taylor, C.J. 67319
Malik, M.A., Saniie, J., Jin, X.M. Gabor coefficients for estimation of arrival time and center frequency of ultrasonic echoes 104213
Malik, O.P., Stroev, V.A., Shtrobel, V.A., Hancock, G.C., Beim, R.S. Experimental studies with power system stabilizers on a physical model of a multimachine power system 70720
Malik, O.P. *see* Chen, S. 101961
Malik, O.P. *see* Eissa, M.M. 102233
Malik, O.P. *see* El-Metwally, K.A. 70750
Malik, O.P. *see* El-Metwally, K.A. 101886
Malik, O.P. *see* Hariri, A. 80903
Malik, O.P. *see* He, J. 80902
Malik, R., Gulari, E. Pulsed supersonic jet epitaxy: A nonthermal approach to silicon growth 72784
Malik, R. *see* Hamm, R.A. 103942
Malik, R.J. *see* Anand, Y. 93847
Malik, R.J. *see* Montgomery, R.K. 93888
Malik, R.J. *see* Schubert, E.F. 85309
Malik, S. *see* Araujo, G. 83157
Malik, S. *see* Conrad, J.R. 63249
Malik, S. *see* Kissick, M.W. 63248
Malik, S. *see* Srinivasan, A. 113859
Malik, S. *see* Tiwari, V. 93202
Malik, S. *see* Tiwari, V. 93499
Malik, S.K., Srinath, R., Pearson, R.A., Kodnani, R., Dzwilofsky, J., Call, A. Joint university-industrial project: optimization of process windows for chip attachment adhesive manufacturing process 83652
Malik, S.K. *see* Menon, L. 75144
Malik, T.N., Ahmed, A. Voltage/reactive power control in WAPDA primary grid system 70696
Malikova, L. *see* Pollak, F.H. 96352
Malimonenko, N. *see* Belyaev, S. 89226
Malimonenko, N.V. *see* Lukishova, S.G. 116593
Malin, J.I., Chen, A.C., Bonkowski, J.E., Baker, J.E., Cheng, K.Y., Hsieh, K.C. Interdiffusion of lateral composition modulated $(GaP)_2/(InP)_2$ short-period superlattices with different encapsulants 94507
Malin, J.I., Felix, C.I., Meyer, J.R., Hoffman, C.A., Pinto, J.F., Lin, C.-H., Chang, P.C., Murry, S.J., Pei, S.-S. Type II mid-IR lasers operating above room temperature 96405
Malin, J.I., Liu, P., Sengupta, D.K., Fang, W.C., Chuang, S.L., Feng, M., Stillman, G.E., Hsieh, K.C. Red shifting the intersubband response of quantum-well infrared photodetectors by thermal annealing 119675
Malin, J.I., Meyer, J.R., Felix, C.L., Lindle, J.R., Goldberg, L., Hoffman, C.A., Bartoli, F.J., Lin, C.-H., Chang, P.C., Murry, S.J., Yang, R.Q., Pei, S.-S. Type II mid-infrared quantum well lasers 65334
Malin, J.I., Meyer, J.R., Felix, C.L., Lindle, J.R., Goldberg, L., Hoffman, C.A., Bartoli, F.J., Lin, C.-H., Chang, P.C., Murry, S.J., Yang, R.Q., Pei, S.-S. Optically pumped mid-IR type II quantum well lasers 96263
Malina, V., Moro, L. The role of Ru in improving Au-Be ohmic contacts to p-type InP 105449
Malina, V., Moro, L., Micheli, V., Mojzes, I. Au-Be/Ru/Au multilayer metallization as a stable ohmic contact scheme to p-type InP 74636
Malinas, N.P. *see* Lyzenga, D.R. 90829
Maliniak, D. DC-DC converter outputs spiral higher still 104310
Malinin, A. *see* Arefiev, A. 69787
Malinin, A. *see* Arefiev, A. 100805
Malinin, A.N., Shimon, L.L. Processes of impurity formation in the active medium of a pulse-periodic gas-discharge XeCl laser 65044
Malinin, L.I., Malinin, V.I., Makelskii, V.D., Tyukov, V.A. Certain approach to the compatibility of a converter and a motor in the asynchronous drive 103081
Malinin, S.A. *see* Zakhar'yash, V.F. 85380
Malinin, V.I. *see* Malinin, L.I. 103081
Malinnikova, E.V. *see* Mishina, E.D. 96743
Malinovskii, L.L. An electrodynamic model of the time-dependent Josephson effect in a small bridge 115933
Malinovsky, I. *see* Erin, M. 68953
Malinovsky, I. *see* Erin, M. 119523
Malinovsky, V.K. *see* Kanaev, I.F. 106941
Malinowska, E., Oklejas, V., Hower, R.W., Brown, R.B., Meyerhoff, M.E. Enhanced electrochemical performance of solid-state ion sensors based on silicone rubber membranes 119644
Malinowski, J., Preuss, W. Reliability increase of consecutive k-out-of-n:F and related systems through components rearrangement 92334
Malinowski, J., Preuss, W. Reliability of a 2-way linear consecutively connected system with multistate components 92337
Malinowski, J. *see* Larson, L. 73786
Malinowski, J.C. *see* Nguyen-Ngoc, D. 63964
Malinowski, J.C. *see* Nguyen-Ngoc, D. 115373
Malinowski, M. *see* Fleming, J.G. 74025
Malinowski, M. *see* Fleming, J.G. 83736
Malinowski, M.E., Stewart, K.D., Ohlberg, D.A.A., Felter, T.E., Chakhovskoi, A.G., Hunt, C., Shea, L.E., Russ, B.E., Talbot, J.B., McKittrick, J. Gas desorption from FEA–phosphor screen pairs 74019
Malinowski, N. *see* Dimova-Malinovska, D. 94787
Malinsky, K. Ultrasonic investigations in a coal mine 101628
Malivanchuk, V.I. Field distribution jump effect on characteristics of travelling wave tube (TWT) with azimuthal-nonuniform space harmonics 114539
Maliverney, A. CAN-integration in the high-end microcontrollers 113969
Maliverney, B. *see* Dubreuil-Chambardel, A. 91280
Maljkovic, Z., Kuterovac, L. Turbine-generator set transients caused by unbalanced short-circuits 111911
Malka, V. *see* Clayton, C.E. 90239
Malka, V. *see* Modena, A. 79768
Malkemes, R., Lukander, P., Harrison, P. An interoperable PACS and DCS1900 subscriber unit radio architecture 99191
Malkemes, R.C. *see* Chang, L.F. 119082
Malki, A., Gafsi, R., Lecoy, P., Mevel, Y. Fibre-optic microphone for optical communication systems 78663
Malki, A., Gafsi, R., Michel, L., Labarrere, M., Lecoy, P. Impact and vibration detection in composite materials by using intermodal interference in multimode optical fibers 110388
Malki, D., Reiter, M. A high-throughput secure reliable multicast protocol 86097
Malki, D. *see* Dolev, D. 67727
Malki, H.A., Guanrong Chen A fuzzy logic controller for boiler systems in power plants 121348
Malkin, Yu.M. *see* Kolganov, V.N. 79718
Malkina, I.G. *see* Zvonkov, B.N. 61277
Malking, M. *see* Lynn, F.M. 92357
Malko, J., Mikolajczak, H., Skorupski, W. Artificial neural network based models for short- and long-term load forecasting in the power system 102030
Malkov, S.A., Andreish, A.M., Verlan, V.I. The X-ray solid state image device on the base of $Me\text{-}As_2Se_3\text{-}SiO_2\text{-}Si$ structures 100129
Mall, D. *see* Collart, S. 103713
Mall, S., Dosedel, S.B., Holl, M.W. The performance of graphite-epoxy composite with embedded optical fibers under compression 61460
Malla, R.B., Frantz, G.C., Allyn, M., Jr., Canistraro, H. Braided intensity-based fiber sensor for civil infrastructure monitoring 100055
Malladi, R., Kimmel, R., Adalsteinsson, D., Sapiro, G., Caselles, V., Sethian, J.A. A geometric approach to segmentation and analysis of 3D medical images 110751
Malladi, R., Sethian, J.A. Image smoothing and enhancement via min/max curvature flow 66986
Malladi, R., Sethian, J.A. Flows under min/max curvature flow and mean curvature: Applications in image processing 67242
Malladi, R., Sethian, J.A. A unified approach to noise removal, image enhancement, and shape recovery 117848
Malladi, R., Sethian, J.A., Vemuri, B.C. A fast level set based algorithm for topology-independent shape modeling 67079
Mallam, P. Taking advantage of the information economy 87555
Mallarapu, S.R. *see* Chavan, A.V. 114144
Mallard, R. *see* Putz, N. 96067
Mallard, R.E. Flash drying protects standby plants 121372
Mallardeau, C. *see* Kalnitsky, A. 63700
Mallardeau, C. *see* Kalnitsky, A. 84231
Mallary, M.L. Effective field gradient dependence on write field rise time 115660
Mallat, J. HEMT noise parameter formulation by using intrinsic noise sources one by one 73725
Mallat, J., Lehto, A., Tuovinen, J. Millimeter wave antenna phase pattern measurement using the differential phase method with only one power meter 66016
Mallat, J. *see* Lehikoinen, P. 73756
Mallavia, R. *see* Costela, A. 116388
Mallavia, R. *see* Fimia, A. 116753
Mallee, R. *see* French, P.J. 106258
Mallek, R. *see* Bankier, A.A. 101234
Mallela, P.P., Chishtie, M.A., Kuo, S.M. A TMS320C5x DSP-based full-duplex speaker phone 98928
Mallet, A., Peyretailade, T., Sommet, R., Floriot, D., Delage, S., Nebus, J.M., Obregon, J. A design method for high efficiency class F HBT amplifiers 83402
Mallet, J. *see* Abbes, M. 90145
Mallet, J. *see* Barabanov, I.R. 110568
Mallet, J.-J. *see* Boudraa, A.-E.-O. 110765
Mallet, P. *see* Davriu, A. 91095
Mallet-Paret, J. *see* Shui-Nee Chow 92494

Mallette, L. *see* Folk, T. 83397
Mallette, L.A. *see* McClelland, T. 88411
Malleus, P., Zanne, C., Aubry, J.-F. Design of the control of a cycloconverter with improved transient performances 91668
Malleus, P., Zanne, C., Aubry, J.-F., Lung, C. A digital control of the current mean value in a thyristor converter 91667
Malley, K. *see* McKeown, T. 87773
Malliaras, G.G., Angerman, H., Krasnikov, V.V., ten Brinke, G., Hadziloannou, G. The influence of disorder on the space charge field formation in photorefractive polymers 95631
Mallick, A.K. *see* Prithviraj, V. 97361
Mallik, A., Wang, X.W., Ma, T.P., Cui, G.J., Tamagawa, T., Halpern, B.I., Schmitt, J.J. Interface traps in jet-vapor-deposited silicon nitride-silicon capacitors 74480
Mallik, A. *see* Eggers, M. 69338
Mallik, R.K., Scholtz, R.A. Cyclotomic cosets and steady state solutions to a dynamic jamming game 65870
Mallikarjunappa, K., Moorching, S.N., Viswanatha, C. Diagnostic test parameters of HV machine insulation system and their trend in characterising ageing phenomena 81409
Malliot, H.A. Digital terrain elevation mapping system 90742
Malliot, H.A. DTEMS interferometric SAR design and method of baseline tilt determination 90743
Mallison, W.H., Berkowitz, S.J., Hirahara, A.S., Neal, M.J., Char, K. A multilayer $YBa_2Cu_3O_x$ Josephson junction process for digital circuit applications 75363
Mallon, A., Grangeat, P., Donner, Q. Convergence study of iterative algorithms for attenuation correction in SPECT 70073
Mallon, C. *see* Felber, F.S. 119292
Mallouris, C.M. *see* Dagel, D.J. 72881
Malloy, K.J. *see* Agi, K. 100276
Malloy, K.J. *see* Agi, K. 104821
Malloy, K.J. *see* Lee, D.S. 83952
Malluhi, Q.M., Johnston, W.E. Approaches for a reliable high-performance distributed-parallel storage system 108165
Malmgren, G. On the outage probability in local/regional single frequency broadcasting networks 79128
Malmhall, R. *see* Gao, C. 115672
Malmhall, R. *see* Gao, C. 115757
Malmhall, R. *see* Rauch, G.C. 115681
Malmivuo, J. *see* Lehtinen, R. 90523
Malmquist, A., Chudi, P. Experiences from a high speed system for hybrid vehicles 91868
Malmquist, A. *see* Chudi, P. 122011
Malmqvist, L., Rymell, L., Hertz, H.M. Droplet-target laser-plasma source for proximity X-ray lithography 63494
Malo, B. *see* Ahn, K.H. 95903
Malo, B. *see* Bilodeau, F. 78774
Malo, B. *see* Theriault, S. 64662
Malo, J. *see* Martinez-Verdu, F.M. 108574
Maloberti, F. *see* Baggini, B. 93180
Maloberti, F. *see* Bigongiari, A. 73170
Maloberti, F. *see* Bigongiari, A. 100911
Maloberti, F. *see* Bolliger, D. 79428
Maloberti, F. *see* Brigati, S. 104640
Maloberti, F. *see* Caiulo, G. 93511
Maloberti, F. *see* Caiulo, G. 104743
Maloberti, F. *see* Colonna, V. 62064
Maloberti, F. *see* Duque-Carrillo, J.F. 62054
Maloberti, F. *see* Francesconi, F. 93516
Maloberti, F. *see* Francesconi, F. 114018
Maloberti, F. *see* Gabrielli, A. 83250
Maloberti, F. *see* Haberli, A. 79362
Maloberti, F. *see* Haberli, A. 119605
Maloberti, F. *see* Liberali, V. 64815
Maloberti, F. *see* Richardson, A. 93607
Maloberti, F. *see* Torelli, G. 90602
Malocha, D.C. *see* Hachigo, A. 106449
Malocha, D.C. *see* Vigil, A.J. 86036
Maloletov, S.M., Kutzenko, A.S., Borshch, A.A., Brodyn, M.S., Buryn, O.M., Volkov, V.I. New epoxy-based linear polymer as recording medium for transient holography 96818
Malomed, B.A. Resonant transmission of a chirped soliton in a long optical fiber with periodic amplification 64642
Malomed, B.A., Anderson, D., Lisak, M. Three-wave interaction solitons in a dispersive medium with quadratic nonlinearity 65535
Malomed, B.A., Tasgal, R.S. The Raman effect and solitons in an elliptical optical fiber 116050
Malomed, B.A., Winful, H.G. Stable solitons in two-component active systems 65521
Malomed, B.A. *see* Burtsev, S. 65492
Malomed, B.A. *see* Chu, P.L. 85606
Malomed, B.A. *see* Chu, P.L. 95693
Malomed, B.A. *see* Grimshaw, R. 65445
Malomed, B.A. *see* Hatami-Hanza, H. 76146
Malomed, B.A. *see* He, H. 76145
Malone, D.F. *see* Cork, C.P. 80072
Malone, D.F. *see* Cork, C.P. 92254
Malone, D.F. *see* Gully, W.J. 111054
Malone, M.D., Tuel, J.V., Hagberg, D.J., Jr. Improving power quality with lightning notification: "customer defined alert" 91081
Malone, R. *see* Wang, X.J. 89699
Malone, R. *see* Wang, X.J. 96485
Malone, S. *see* Paolella, A. 73697
Malone, T. *see* Pearson, D. 111644
Maloney, J. *see* Deis, G. 106719
Maloney, J.G., Kesler, M.P., Kuster, E.J. Localized short-pulse scattering from coated cylindrical objects: experimental measurements and numerical models 97054
Maloney, J.G., Shirley, B.L., Smith, G.S. The reception of short pulses by antennas: FDTD results and reciprocity 97326
Maloney, J.G. *see* Shlager, K.L. 76565
Maloney, J.G. *see* Shlager, K.L. 108028
Maloney, L.T. *see* Poirson, A.B. 101237
Malorny, C. Successful implementation of TQM 103484
Malos, J.T., Staliunas, K., Vaupel, M., Weiss, C.O. Three-dimensional representation of two-dimensional vortex dynamics in lasers 85560
Malos, J.T. *see* Heckenberg, N.R. 116697
Malov, A.N. *see* Belyakov, A.V. 85733
Malov, A.N. *see* Kulikov, V.N. 86472
Malowany, A. *see* Okapuu-von Veh, A. 102927
Malowany, A.S. *see* Garant, E. 101702
Malowicki, J. *see* Zmuda, H. 68648
Malozemoff, A.P., Li, Q., Fleshler, S., Riley, G.N., Jr., Snitchler, G., Aized, D. AC losses in BSCCO wires 64506
Malozemoff, A.P. *see* Paasi, J. 95408
Malsawma, L. *see* Jensen, K.L. 62563
Malsawma, L. *see* Phillips, P.M. 74056
Malsawma, L. *see* Phillips, P.M. 105012
Malsburg, C.von der *see* von der Malsburg, C.
Malssls, A.H. *see* Bakirtzls, A.G. 70792
Malt, P. Consultancy for Asian projects [power industry] 91015
Malta, A.L.M., Barbieri, L. Techniques to increase the spectrum efficiency of high capacity digital radios 99116
Malta, A.L.M. *see* Barbieri, L. 99132
Malta, D. *see* Venkatasubramanian, R. 112379
Maltass, E.N. The-internal-corporate-cyber-culture 109144
Maltavelli, P. *see* Spiazzi, G. 71497
Maltcev, P.P. *see* Gromov, D.V. 105889
Maltese, P., Ferrara, V. Improved addressing modes for SSFLC matrix displays 89334
Maltese, P., Ferrara, V. Rome addressing modes for surface-stabilized ferroelectric liquid-crystal (SSFLC) matrix displays 110299
Maltese, P., Ferrara, V., Coccettini, A. Studies on addressing techniques for bistable ferroelectric liquid crystal cells 75614
Maltese, P., Ferrara, V., Piccolo, R. Automated tracing of operating regions of high-speed-addressing modes for FLC matrix displays 89379
Maltese, P. *see* Matuszczyk, T. 75613
Maltese, P. *see* Matuszczyk, T. 89324
Maltey, I. *see* Delaire, J.A. 116643
Maltezos, S. *see* Adam, W. 69709
Maltezos, S. *see* Filippas, A. 69738
Mal'tsev, A.A. Infrared synchrotron diagnostics as a new direction in the physics and technology of accelerator experiments 89748
Maltsev, A.A., Litvin, D.P., Scheglov, M.P., Nikitina, I.P. High-resistivity epitaxial films of 4H-SiC doped by scandium 103987
Maltsev, A.A., Maksimov, A.Yu., Yushin, N.K. 4H-SiC single crystal ingots grown on 6H-SiC and 15R-SiC seeds 103818
Malt'sev, A.A., Malt'sev, M.A. Procedure for measuring the sensitivity of precision detectors of visible and infrared synchrotron radiation 100824
Mal'tsev, A.A. *see* Belyakov, A.A. 76995
Mal'tsev, A.A. *see* Belyakov, A.A. 83231
Mal'tsev, A.A. *see* Ignatenko, S.V. 66622
Maltsev, A.A. *see* Ivanov, P.A. 104055
Mal'tsev, A.A. *see* Lebedev, A.A. 105301
Mal'tsev, A.N. *see* Kukharev, V.N. 65031
Mal'tsev, D.B. *see* Voronin, E.N. 109747
Mal'tsev, E. *see* Vannikov, A. 106950
Mal'tsev, G.N. Spatial processing of signals in optical systems with direct detection 100001
Mal'tsev, G.N. Investigation of the iterative algorithm of processing of measurements of wave front sensors of the Hartmann type 116621
Maltsev, G.N. *see* Kornienko, A.A. 116611
Malt'sev, M.A. *see* Malt'sev, A.A. 100824
Maltsev, V.P. *see* Shevchenko, V.G. 104199
Mal'tsev, V.V. *see* Kasatkin, S.I. 64441
Mal'tsev, Yu.N. *see* Irkaev, S.M. 69905
Maluf, N. *see* Logan, J. 64002
Maluf, N.I., Reay, R.J., Kovacs, G.T.A. High-voltage devices and circuits fabricated using foundry CMOS for use with electrostatic MEM actuators 84630
Maluf, N.I. *see* Honer, K.A. 84620
Maluf, N.I. *see* Klaassen, E.H. 84625
Malvache, N. *see* Renaux, D. 92319
Malvar, H.S., Sullivan, G.J., Wornell, G.W. Lapped orthogonal vector quantization 86738
Malvig, K.E. *see* Auran, P.G. 88728
Maly, K., Gupta, A., Mynam, S. A workstation's communication performance benchmark 118404
Maly, K., Overstreet, C.M., Abdel-Wahab, H., Gupta, A.K. Melding television, networking, and computing for interactive remote instruction: exploiting potentials 118611
Maly, K., Wild, C., Overstreet, C.M., Abdel-Wahab, H., Gupta, A., Youssef, A., Stoica, E., Talla, R., Prabhu, A. Interactive remote instruction: initial experiences 109249
Maly, K. *see* Dharanikota, S. 109107
Maly, K.J., Gupta, A., Kvande, B., Levinstein, I.B., Mukkamala, R., Nanjangud, S., Olson, M., Whitney, R., Chambers, R. A privilege management and enforcement system for distributed resource sharing 118500
Maly, K.J., Gupta, A., Kvande, B., Levinstein, I.B., Mukkamala, R., Olson, M., Whitney, R., Chambers, R. A privilege management system for a secure network 118346
Maly, L., Hulenyi, L. Contribution to the creation of design rules for CMOS ICs with: a higher supply voltage 63934
Maly, L., Hulenyi, L., Adamcik, I. A test chip for the creation and verification of design rules 106133
Maly, P., Kudrna, J., Trojanek, F., Hospodkova, A. Optical non-linearity and hysteresis in porous silicon 94261
Maly, P. *see* de Notaristefani, F. 110698
Maly, P. *see* Kudrna, J. 94255
Maly, W. *see* Gattiker, A.E. 106201
Maly, W. *see* Heineken, H.T. 106173
Maly, W. *see* Heineken, H.T. 106175
Maly, W. *see* Khare, J. 104495
Maly, W. *see* Williams, T.W. 74834
Malyarenko, A.M. *see* Bagraev, N.T. 62913
Malyarenko, A.P., Martchenko, B.G. Correlation analysis of stochastic amplitude-angle modulated signals 76921
Malyarevich, A.M. *see* Yumashev, K.V. 85577
Malyarov, A.V. *see* Dalinenko, I.N. 79524
Malyarov, A.V. *see* Dalinenko, I.N. 100094
Malyarov, A.V. *see* Golovkin, S.V. 80125
Malygin, A.N. *see* Chumakov, S.N. 102854
Malykin, G.B. Suppression of coupling between orthogonally polarized modes in weakly anisotropic light guides when winding fiber 84994
Malykin, G.B. Nonreciprocal geometric phase of counterpropagating waves and polarization nonreciprocity of the fiber-optic ring interferometers 119690
Malykin, G.B., Nefedov, I.M., Pozdnyakov, V.I., Shereshevskii, I.A. Effect of orthogonal-mode random coupling on polarization characteristics of single-mode fiber lightguides (SMFL) and SMFL-based ring interferometers. III. Zero drift in ring interferometers with nonmonochromatic-radiation depolarizers 64650
Malysh, M. *see* Spalding, I. 107087
Malysh, N.I. *see* Kulish, N.R. 107537
Malysh, N.I. *see* Kulish, N.R. 107538
Malyshev, O.B. *see* Calder, R. 94167
Malyshev, O.N., Voronkov, E.N., Gorshkov, V.A., Eremin, A.V., Kabachenko, A.P., Prokhorova, E.V., Chelnokov, M.L. A control system for the VASSILISSA kinematic separator based on an IBM 386 personal computer 90241
Malyshev, V.M., Usychenko, V.G. Method for determining the number of uncorrelated sources of low-frequency noise in nonlinear two-pole networks 84288
Malysheva, L.I. *see* Onipko, A.I. 94545
Malyukhov, V.A. *see* Dobershtein, S.A. 104663
Malyukhov, V.A. *see* Dobershtein, S.A. 106414
Malzbender, J., Jones, E.D., Shaw, N., Mullin, J.B. Studies on the diffusion of the halogens into CdTe 63240
Malzer, S. *see* Schultz, J. 63074
Mamadalimov, A.T., Onarkulov, K.E., Parpiev, T.K. Effect of γ-radiation on the transport coefficients of $Pb_{1-x}Sn_xTe$ films 62785
Mamadalimov, A.T. *see* Karabaev, M.K. 75718
Mamaev, A.N. *see* Egorov, S.A. 79489
Mamaev, A.V., Saffman, M. Pattern formation in a linear photorefractive oscillator 85688
Mamaev, A.V., Saffman, M. Hexagonal optical patterns in anisotropic non-linear media 85708
Mamaev, A.V., Saffman, M. Multiple scale hexagonal patterns 107582
Mamaev, A.V., Saffman, M., Zozulya, A.A. Three-dimensional breakup and spatial dynamics of two-dimensional beams in bulk nonlinear media 116670
Mamaev, A.V., Shkunov, V.V. Optical linking mobile carriers by means of phase conjugation in photorefractive crystals 116690
Mamaev, A.V. *see* Volk, T.R. 96777
Mamaev, G. *see* Batskikh, G. 89811
Mamaev, Y.A. *see* Drescher, P. 105007
Mamais, G. *see* Chatzipapadopoulos, F. 120478
Mamatkasimov, M. *see* Abdurakhmanov, A. 119867
Mamatov, Yu.A., Bulychev, S.F., Karlin, A.K., Timofeev, E.A., Shtern, G.P. Circuit representation of digital pulse-stream neuron models 62097
Mamatov, Yu.A., Bulychev, S.F., Karlin, A.K., Timofeev, E.A., Shtern, G.P. Digital realization of a bit-stream neuron 73600
Mambrito, B. *see* Donato, L. 90598
Mamdouh, A. *see* ElAyadi, M.H. 97740
Mamdyam, G., Ahmed, N., Stearns, S.D. Efficient codebook design for lossless image compression 66537
Mamedov, A.K. *see* Aliev, A.A. 106960
Mamedov, S., Kisliuk, A. Calculation of etching profile in the photolithographic process on As_2S_3 thin films 84162
Mameno, K., Nagasawa, H., Nishida, A., Fujiwara, H. Ion-implantation-induced damage to gate oxide

due to charge injection and ion bombardment 105570
Mameno, K. *see* Sudo, S. 105676
Mamet, A.P., Yurchevskii, E.B. Discharging the waste from water-treatment plants at thermal power stations 121335
Mamet, V.A. *see* Yurmanov, V.A. 121281
Mametsa, H.J. *see* Moreau, H. 65808
Mamileti, L., Robb, S.P., Shen, Z.J., Taomoto, A.A. IGBTs designed for automotive ignition systems 122063
Mamin, H.J., Terris, B.D., Rugar, D. Data storage based on proximal probe techniques 75406
Mamishev, A.V., Nevels, R.D., Russell, B.D. Effects of conductor sag on spatial distribution of power line magnetic field 91197
Mamishev, A.V., Short, S.X., Ta-Wei Kao, Russell, B.D. Nonintrusive sensing techniques for the discrimination of energized electric cables 70911
Mamishev, A.V. *see* Short, S.X. 111630
Mamlook, R., Thompson, W.E. Multiple-class identification algorithm using genetic neural networks 117862
Mammeri, Z., Akazan, J. An approach to make MMS real-time [manufacturing automation] 67762
Mammeri, Z. *see* Akazan, J. 67763
Mammone, R.J., Xiaoyu Zhang, Ramachandran, R.P. Robust speaker recognition: a feature-based approach 108205
Mammone, R.J., Zhang, X. High-numerical-aperture reflecting microscope 100143
Mammosser, J. *see* Kazimi, R. 100584
Mammosser, J. *see* Reece, C. 100418
Mamode, T., Lan Sun Luk, J.D. Time domain analysis of electromagnetic wave propagation in stratified media 97019
Mamonov, Yu.V. *see* Kozlov, A.D. 79290
Mamor, M., Meyer, F., Bouchier, D., Vialaret, G., Finkman, E., Bodnar, S., Regolini, J.L. Schottky diodes on $Si_{1-x-y}Ge_xC_y$ alloys: effect of the C-incorporation 115137
Mamouni, A. *see* Lasri, T. 89472
Mampel, D., Nandi, A.K., Schellhorn, K. Unified approach to trimmed mean estimation and its application to bispectrum estimation of EEG signals 82414
MaMullen, W.G., Delaughe, B.A., Bird, J.S. A simple rising-edge detector for time-of-arrival estimation 88731
Mamun, A.Z., Bryant, J.P., Dumelow, T., Parker, T.J., York, R.J., Smith, S.R.P., Foxon, C.T. Far infrared investigation of the effect of the AlAs barrier thickness on interface roughness in asymmetric GaAs/AlAs superlattices 63085
Mamyshev, P.V. *see* Evangelides, S.G., Jr. 109667
Mamyshev, P.V. *see* Khatri, F.I. 88505
Mamyshev, P.V. *see* Mollenauer, L.F. 88645
Mamyshev, P.V. *see* Veselka, J.J. 78945
Man, C.N. *see* Barillet, R. 75901
Man, C.N. *see* Bondu, F. 65582
Man, C.N. *see* Hello, P. 76090
Man, H.De *see* De Man, H.
Man, K.F., Tang, K.S., Kwong, S. Genetic algorithms: concepts and applications [in engineering design] 103395
Man, K.F. *see* Kwong, S. 97650
Man, K.F. *see* Wong, H. 95011
Man, P., Pan, D.S. Theoretical investigation of p-type infrared detectors 69169
Man, P.F., Gogoi, B.P., Mastrangelo, C.H. Elimination of post-release adhesion in microstructures using thin conformal fluorocarbon films 74890
Man, W.K., Yan, H., Wong, S.P., Wilson, I.H., Wong, T.K.S. Grain size and hillock growth of vacuum-evaporated SnO_2 thin films 92794
Man Bao-Yuan *see* Wang Xiang-Tai 72871
Man Chengxiong, Lu Jiming, Fan Jun, Hogg, B.W. New fast simulation method of power systems 80797
Man Cho Young *see* Young Man Cho
Man Kam Kwong *see* Akujuobi, C.M. 108451
Man Kim Hong *see* Hong Man Kim
Man Kwak Byung *see* Byung Man Kwak
Man Lau Chu *see* Chu Man Lau
Man Li, Counterman, R., Shukla, V. Simple access signaling for ATM-based video-on-demand services 118141
Man Lui Yui *see* Yui Man Lui
Man Ok Kwang *see* Kwang Man Ok
Man Shek Lee *see* Zhong-Xuan Zhang 73167
Man Wong Millimeter wave linear-beam tubes 74060
Man Wong *see* Chan, A.B.Y. 115214
Man Wong *see* Crowley, J.D. 73705
Man Y K L Yu Wai *see* Yu Wai Man Y K L
Man Yan *see* Sadowski, R.W. 75509
Man Yiu Chan, Yeung, R.W. Two simple schemes for access control 66428
Man Yoon Doo *see* Doo Man Yoon
Man Young Rhee *see* Ji Hong Kim 86049
Man Yu Kin *see* Kin Man Yu
Man-ei, K., Kanaji, T., Urano, T., Hongo, S., Nakamura, S. Effects of small misalignment of electrodes in a cascade static lens gauge studied by computer simulation 94164
Man-Sik Choi *see* Duk-Dong Lee 119774
Man-Siu Tse, Wong, T.K.-S., Chew-Hoe Ang Post-stress interface-trap generation in p-channel metal-oxide-semiconductor field-effect-transistors after hot-electron stress 63711
Mana, F. *see* Albesano, D. 108217
Manabe, A. *see* Costa, M. 90231
Manabe, A. *see* Costa, M. 100982
Manabe, K., Ichige, A., Aoki, M. Development of observation system for the vibration of a wire-pantograph system with a super-anamorphic-lens 91879
Manabe, S. Contribution of VLBI to geodynamics in the last 10 years 119342
Manabe, S. *see* Ihara, H. 94236
Manabe, S. *see* Tanaka, N. 69283
Manabe, S. *see* Yamaguchi, T. 92888
Manabe, T., Miura, Y., Ihara, T. Effects of antenna directivity on indoor multipath propagation characteristics at 60 GHz 97114
Manabe, T., Yoshida, T. Rain attenuation characteristics on radio links 88129
Manabe, T. *see* Ihara, T. 67849
Manabe, T. *see* Kondo, Y. 76123
Manabe, T. *see* Kondo, Y. 76235
Manabe, Y., Hayashi, S., Yoshida, M., Tanahashi, I., Mitsuyu, T. Optical properties of ZnSe-based multiple quantum well 76237
Manabe, Y., Inokuchi, S. Estimation of light color from spectral image for photometric stereo 87028
Manabe, Y., Nakamura, T. Automation system for Kitami Concentrated Control Station of Hokkaido Electric Power Co., Inc 101949
Manabe, Y. *see* Tokizaki, T. 62910
Manabu, K. *see* Sato, T. 118891
Managoli, H.Y. *see* Prahlad Rao, N. 78582
Manak, I.S. *see* Afonenko, A.A. 116488
Manaka, T. *see* Yamada, T. 85622
Manakata, A. *see* Kohiyama, K. 109918
Manakchi, G. *see* Fornari, R. 94370
Manako, S. *see* Ochiai, B.Y. 84365
Manako, T. *see* Yamaguchi, A.A. 92699
Manakov, K.V. *see* Berezovskii, A.V. 69015
Manalis, S. *see* Babcock, K. 84820
Manalis, S.R., Minne, S.C., Atalar, A., Quate, C.F. High-speed atomic force microscopy using an integrated actuator and optical lever detection 119619
Manankova, G.I. *see* Sokolov, V.I. 95747
Manapragada, S.C. *see* Tahernezadhi, M. 119074
Manara, A. Measurement of material shielding effectiveness using a dual TEM cell and vector network analyzer 97189
Manara, G., Bandlnelli, M., Monorchio, A. Electromagnetic coupling to wires through arbitrarily shaped apertures in infinite conducting screens 116929
Manara, G., Monorchio, A., Nepa, P. Transient numerical analysis of the scattering from penetrable cylinders 65804
Manara, G., Nepa, P., Pelosi, G. Electromagnetic scattering by a right angled anisotropic impedance wedge 76409
Manara, G. *see* Coccioli, R. 97080
Manara, G. *see* Corsini, G. 111240
Manara, G. *see* Guidi, R. 97062
Manara, G. *see* Nepa, P. 116841
Manara, G. *see* Pelosi, G. 65800
Manara, G. *see* Pelosi, G. 97028
Manara, G. *see* Pelosi, G. 107869
Manaresi, N. *see* Bellini, A. 108423
Manaresi, N. *see* Rovatti, R. 113780
Manasreh, M.O. *see* Danhong Huang 114724
Manassah, J.T., Gross, B. Induced lossless channeling in a Λ-system 65425
Manassah, J.T., Gross, B. Self-focusing of (3+1)-d femtosecond pulses in nonlinear Kerr media 96676
Manassah, J.T. *see* Gross, B. 65537
Manassah, J.T. *see* Gross, B. 95714
Manassen, Y. *see* Chernyak, L. 105107
Manassen, Y. *see* Golan, Y. 62903
Manasson, V., Sadovnik, L., Mino, R. MMW scanning antenna 119284
Manbeck, K.M. *see* Geman, S. 80315
Manber, U. A simple scheme to make passwords based on one-way functions much harder to crack 86047
Manca, D. *see* Rovaglio, M. 81293
Manca, J.J., Fallis, M.C., Manca, J.P.J. A new structure with continuous RF acceleration and focusing 100695
Manca, J.P.J. *see* Manca, J.J. 100695
Manca, M.L. *see* Rossi, B. 90504
Mancarella, G. *see* Barbarino, G.C. 80097
Manceau, J.F., Bastien, F. Linear motor using a quasi-travelling wave in a rectangular plate 95300
Manchanda, L. *see* Krisch, K.S. 63174
Manchanda, L. *see* Krisch, K.S. 115215
Manchanda, R. *see* Kumar, P. 104847
Manchanda, S.C. *see* Khan, M.R. 110861
Manchester, R.N., Lyne, A.G., D'Amico, N., Bailes, M., Johnston, S., Lorimer, D.R., Harrison, P.A., Nicastro, L., Bell, J.F. The Parkes Southern Pulsar Survey. I. Observing and data analysis systems and initial results 99704
Manchev, B. *see* Nenkova, B. 92330
Mancia, G. *see* Di Rienzo, M. 90265
Mancini, A.M. *see* Leo, G. 63051
Mancini, A.M. *see* Leo, G. 74180
Mancini, A.M. *see* Leo, G. 82639
Mancini, D.C. *see* Duda, L.C. 101004
Mancini, D.P., Resnick, D.J., Nordquist, K.J., Dauksher, W.J., Thackeray, J.W. High resolution positive e-beam photoresist developed 115045
Mancini, J. *see* Goel, J. 83466
Mancini, L. *see* Ray, I. 78017
Mancini, N. *see* Bistolfi, M. 71692
Mancini, P., Suchail, J.-L., Desnos, Y.-L., Torres, R., Guijarro, J., Graf, G. The development of the ENVISAT-1 Advanced Synthetic Aperture Radar 120734
Mancini, P.L. *see* Vincent, N. 111183
Manck, O. New interfaces in ASIC design 63842
Mancoff, F.B. *see* Johnson, P.R. 115627
Mancusi, J. *see* Goodwin-Johansson, S. 74981
Mancusi, J. *see* Palmer, D. 62571
Mancusi, J. *see* Palmer, D. 105051
Mancusi, J.E. *see* Auciello, O. 74015
Mancusi, J.E. *see* Cha-Mei Tang 73995
Mancusi, J.E. *see* Temple, D. 74001
Mancusi, J.E. *see* Yadon, L.N. 74016
Mancuso, Y. *see* Julie, J.J. 68677
Mandai, M. *see* Ikeda, H. 100804
Mandai, S. *see* Miyauchi, Y. 96464
Mandal, C.A., Chakrabarti, P.P., Ghose, S. Allocation and binding in data path synthesis using a genetic algorithm approach 93080
Mandal, D.P. *see* Bhattacharyya, R.G. 71615
Mandal, J.K., Sinha, A.K. Artificial neural network based hourly load forecasting for decentralized load management 70805
Mandal, J.K., Sinha, A.K. Application of artificial neural network for short term load forecasting in electric power system 121069
Mandal, M.K., Aboulnasr, T., Panchanathan, S. Adaptive wavepacket decomposition and quantization in wavelet-based image coding 97448
Mandal, M.K., Aboulnasr, T., Panchanathan, S. Image indexing using moments and wavelets 108476
Mandal, M.K., Panchanathan, S. Motion estimation techniques for a wavelet-based video coder 86566
Mandal, P., Visvanathan, V. Design of high performance two stage CMOS cascode op-amps with stable biasing 93160
Mandal, S.K. *see* Ghose, A.K. 73855
Mandalidis, S. *see* Trifonova, E.P. 92675
Mandanis, G. *see* Carruthers, B. 88848
Mandara, S. *see* Sukumar, V. 82203
Mandara, S. *see* Sukumar, V. 82940
Mandayam, N. *see* Saquib, M. 108345
Mandayam, N.B., Chen, P.-C., Holtzman, J.M. Minimum duration outage for cellular systems: a level crossing analysis 118863
Mandayam, N.B., Holtzman, J., Barberis, S. Erlang capacity for an integrated voice/data DS-CDMA wireless system with variable bit rate sources 99178
Mandayam, N.B. *see* Andersin, M. 109554
Mandayam, N.B. *see* Sampath, A. 118958
Mandayam, S., Udpa, L., Udpa, S.S., Lord, W. Monte Carlo methods for modeling magnetostatic NDE phenomena: a feasibility study 64283
Mandayam, S., Udpa, L., Udpa, S.S., Lord, W. Invariance transformations for magnetic flux leakage signals 64499
Mandel, P. *see* Wang, J.-Y. 75869
Mandel, S.B. Continuous emissions monitoring systems: an overview 70528
Mandel, V.E. *see* Belous, V.M. 85762
Mandelis, A., Othonos, A., Christofides, C., Boussey-Said, J. Non-contacting measurements of photocarrier lifetimes in bulk- and polycrystalline thin-film Si photoconductive devices by photothermal radiometry 116227
Mandelis, A. *see* Garcia, J.A. 89196
Mandelis, A. *see* Othonos, A. 94677
Mandelis, A. *see* Salnick, A. 114567
Mandelis, A. *see* Salnick, A. 114582
Mandell, M. *see* Katz, I. 120637
Mandelman, J.A. *see* Stengl, R. 63330
Mandelshtam, V.A. *see* Ravuri, T.R. 84497
Manderieux, N. *see* Rigaudiere, F. 70144
Mandeville, P. *see* Moore, W.T. 103960
Mandeville, R., Johnson, J.T. Forget the forklift [LAN emulation] 118703
Mandeville, R., Marks, D.R. 100Base-T: Enterprise switching without the wait 68018
Mandeville, R., Newman, D. Token ring switches: relief at last 88019
Mandeville, T. *see* Lennie, J. 77807
Mandhana, O.P. Computer aided analysis and design of load commutated resonant converters 121597
Mandiello, A. *see* Mainella, G. 68822
Mandjavidze, I. *see* Costa, M. 90231
Mandjavidze, I. *see* Costa, M. 100982
Mandl, A., Zavriyev, A., Klimek, D.E. Energy scaling and beam quality improvement of a zig-zag solid state plastic dye laser 96124
Mandl, A., Zavriyev, A., Klimek, D.E. Energy scaling and beam quality studies of a zigzag solid-state plastic dye laser 116387
Mandl, P. *see* Goel, J. 87224
Mando, P.A. *see* Chiari, M. 100806
Mandolesi, N., Bersanelli, M., Cesarky, C., Danese, L., Efstathiou, G., Griffin, M., Lamarre, J.M., Norgaard-Nielsen, H.U., Pace, O., Puget, J.L., Raisanen, A., Smoot, G.F., Tauber, J., Volonte, S. COBRAS/SAMBA: the ESA Medium Size Mission for measurements of CBR anisotropy 109844
Mandolesi, N., Smoot, G.F., Bersanelli, M., Cesarsky, C., Lachieze-Rey, M., Danese, L., Vittorio, N., De Bernardis, P., Dall'Oglio, G., Sironi, G., Crane, P., Janssen, M., Partridge, B., Beckaman, J.,

Rebolo, R., Puget, J.L., Bussoletti, E., Raffelt, G., Davies, R., Encrenaz, P., Natale, V., Tofani, G., Merluzzi, P., Toffolatti, L., Scaramella, R., Martinez-Gonzales, E., Saez, D., Lasenby, A., Efstathiou, G. COBRAS: goal and experimental approach 99703
Mandolesi, N. *see* Smoot, G.F. 99702
Mandray, A., Dzyubenko, A.B., Sivachenko, A.Yu., Huant, S., Etienne, B. Search for triplet states of D^- centers in quantum wells in high magnetic fields 62744
Mandrichenko, I.V. *see* Antipov, Yu.M. 69794
Mandrillon, P. Injection into cyclotrons 69623
Mandrillon, P. Cyclotrons in radiotherapy 70195
Mandrillon, P., Fietier, N., Rubbia, C. A 3-stage cyclotron complex for driving the Energy Amplifier 79906
Mandrini, T. *see* Botti, E. 73124
Mandrino, D. *see* Cvelbar, A. 74623
Mandrioli, G. *see* Calligola, P. 80124
Mandry, J.E. *see* Ladd, S.K. 83665
Manduca, A. Multi-parameter image visualization with self-organizing maps 77127
Manduca, A. Medical image compression with wavelet/subband coding 77129
Manduca, A. Multispectral image visualization with nonlinear projections 108709
Manduchi, R. Adapted differentiators for image motion estimation 67039
Manduchi, R. Some properties of generalized factorable 2-D FIR filters 76982
Manduchi, R. *see* Tomasi, C. 67256
Mandyam, G., Ahmed, N. A new application of the conjugate gradient algorithm to adaptive beamforming 97684
Mandyam, G., Ahmed, N., Stearns, S.D., Magotra, N. Predictive codebook design for lossless image compression 67001
Mandyam, G., Magotra, N., McCoy, W. Lossless seismic data compression using adaptive linear prediction 120696
Mandyam, G. *see* Magotra, N. 120473
Mandyam, G.D. *see* Vaidyanathan, B. 117068
Mane, V., Peggs, S., Trbojevic, D., Zhang, W. RHIC injection kicker impedance 89987
Mane, V. *see* Mackay, W.W. 89986
Mane, V. *see* Peggs, S. 89988
Manea, J. *see* Czech, I. 119758
Manea, S.A., Munteanu, I.I., Grigorescu, C.E.A., Logofatu, M.F., Lazarescu, M.F. On the uniform composition of $In_xGa_{1-x}Sb$ (x=0.20) bulk crystals for special optoelectronic devices 75679
Maneatis, J.G. Low-jitter and process independent DLL and PLL based on self biased techniques 73499
Maneglia, Y., Bauza, D. Extraction of slow oxide trap concentration profiles in metal-oxide-semiconductor transistors using the charge pumping method 63691
Manella, A. *see* Girdinio, P. 65674
Manenkov, A.A. *see* Koldunov, M.F. 107482
Manenkov, A.B. *see* Kleev, A.I. 97270
Manert, M. RF switch units simplify type-approval tests for mobile radio 88295
Manes, C., Parasiliti, F., Tursini, M. DSP based field-oriented control of induction motor with a nonlinear state observer 121485
Manes, G. *see* Avitabile, G. 93900
Manes, N. *see* Bedin, R. 100983
Manesis, S. *see* Pimenides, T. 61535
Maness, B. *see* Takayanagi, T. 73424
Manesse, G. *see* Ben Romdhane, Y. 102883
Manesse, G. *see* Berkouk, E. 102713
Manesse, G. *see* Berkouk, M. 91671
Manesse, G. *see* Romdhane, Y.B. 91656
Manetakis, K., Park, S.-M., Payne, A., Setty, S., Thanachayanont, A., Toumazou, C. Wideband CMOS analog cells for video and wireless communications 74828
Manetakis, K., Toumazou, C. Current-feedback op amp suitable for CMOS VLSI technology 73105
Manetakis, K., Toumazou, C. A new high-frequency very low output-impedance CMOS buffer 114152
Manetti, S., Piccirilli, M.C. Analysis and design of DC/DC converters using symbolic approach 62084
Manetti, S. *see* Catelani, M. 113697
Manetti, S. *see* Catelani, M. 119538
Manetti, S. *see* Luchetta, A. 93057
Manevich, M. *see* Eisenberg, N.P. 95912
Manfaat, D., Duffy, A.H.B., Lee, B.S. Review of pattern matching approaches 98299
Manfai Fong, Gerber, J., Tien Pham Acoustic round locator and discriminator 101656
Manfra, M.J. *see* Chen, C.L. 84013
Manfra, M.J. *see* Choi, H.K. 65333
Manfra, M.J. *see* Choi, H.K. 85516
Manfra, M.J. *see* Choi, H.K. 96262
Manfra, M.J. *see* Harman, T.C. 105352
Manfra, M.J. *see* Li, J. 100015
Manfredi, P.F. *see* Ardelean, J. 100916
Manfredi, P.F. *see* Becker, R. 110615
Manfredotti, C., Fizzotti, F., Vittone, E., Boero, M., Sacchi, E., Nastasi, U. Amorphous silicon photodiodes for X-ray survey monitoring 69898
Manfredotti, C. *see* Jaksic, M. 100822
Manfrin, S.K., Cesar, A.C., Silva, M.T.C. An improved model to design integrated optical pressure sensors 99954
Mang, K.M., Khang, Y., Park, Y.J., Young Kuk, Lee, S.M., Williams, C.C. Direct imaging of SiO_2 thickness variation on Si using modified atomic force microscope 63173
Mang, K.M. *see* Khang, Y. 63120
Mang Ou-Yang *see* Chou, B.C.S. 88989
Mang Xiaowen *see* Xiaowen Mang
Mang Zhang Xiao *see* Xiao Mang Zhang
Mangal, M. *see* Kolenchery, S.S. 112100
Mangal, M. *see* Patwardhan, A.A. 112133
Mangal, R. *see* Jayaram, S. 96962
Mangalaraj, D. *see* Gurumurugan, K. 61360
Mangalaraj, D. *see* Suguna, P. 94636
Mangalaraj, D. *see* Suguna, P. 105522
Mangalvedhe, N.R., Reed, J.H. Evaluation of a soft synchronization technique for DS/SS signals 119024
Manganaro, G. *see* Arena, P. 82901
Manganaro, G. *see* Arena, P. 83286
Manganaro, G. *see* Baglio, S. 110025
Manganaro, G. *see* Caponetto, R. 61564
Mangang, P., Ahmed, S.S., Petroianu, A. Sequential use of optimal power flow for improving the static voltage stability margin 101747
Mangat, P.S. *see* Huttel, Y. 83979
Mangat, P.S. *see* Massoud-Ansari, S. 74945
Mange, D., Stauffer, A., Marchal, P., Piguet, C. Embryonics: designing programmable circuits with biological-like properties 73015
Mangelinck, D., Gas, P., Gay, J.M., Pichaud, B. Effect of gold on the nickel/silicon thin film reaction 83815
Mangelinck, D., Gas, P., Grob, A., Pichaud, B., Thomas, O. Formation of Ni silicide from Ni(Au) films on (111)Si 63432
Mangelsdorf, C., Nakamura, K., Ho, S., Brooks, T., Nishio, K., Matsumoto, H. A CMOS front-end for CCD cameras 79182
Manger, D. *see* Braeckelmann, G. 84217
Mangeruca, L. *see* Curatelli, F. 113831
Mangialardi, L., Mantriota, G. Dynamic behaviour of wind power systems equipped with automatically regulated continuously variable transmission 71208
Mangili, P. *see* Giove, D. 100587
Mangin, J.-F., Regis, J., Frouin, V. Shape bottlenecks and conservative flow systems [medical image analysis] 110757
Mangione, S. *see* Augugliaro, A. 70878
Mangione, S. *see* Augugliaro, A. 102123
Manglunki, D. *see* Blas, F. 79935
Mangold, C. *see* Gemmeke, K. 112500
Mangoubi, S. *see* Sturlesi, B.E. 70584
Mangra, D. *see* Decker, G. 80150
Mangun, G.R. *see* Fletcher, E.M. 90527
Mangyou, A. *see* Gong, X.Y. 92751
Manh Lam Pham *see* Pham Manh Lam
Manhaeve, H. *see* Sidiropulos, M. 115265
Manheimer, P. *see* Nunez, G. 60453
Manheimer, W. *see* Hu, W. 62638
Manheimer, W.M. *see* Gold, S.H. 105019
Manheimer, W.M. *see* Mathew, J. 97343
Manheimer, W.M. *see* Mathew, J. 109777
Manhoi Choy Robust distributed mutual exclusion 87429
Mani, R.G. Experimental technique for realizing dual and multiple Hall effects in a single specimen 62804
Mani, R.G. Transport study of GaAs/AlGaAs heterostructure- and n-type GaAs-devices in the 'anti Hall bar within a Hall bar' configuration 83895
Mania, L. *see* Babich, F. 78518
Mania, R.C. *see* King, S.E. 80063
Mania, R.C. *see* King, S.E. 101017
Manian, V., Vasquez, R. Efficient algorithms for discrete Gabor transforms using multicomputer networks 117356
Manias, S.N. *see* Georges, L.R. 71830
Manias, S.N. *see* Ioannidis, G. 71512
Manias, S.N. *see* Kandianis, A. 81544
Manias, S.N. *see* Kandianis, A. 112476
Manias, S.N. *see* Karvelis, G.A. 71826
Manias, S.N. *see* Karvelis, G.A. 121613
Manias, S.N. *see* Kladas, A.G. 103138
Manias, S.N. *see* Nen, C. 71777
Maniatis, Th. *see* Marsh, A. 120377
Maniatopoulos, A., Antonakopoulos, T., Makios, V. Implementation issues of the ATM cell delineation mechanism 67536
Manich, S., Nicolaidis, M., Figueras, J. Enhancing realistic fault secureness in parity prediction array arithmetic operators by I_{DDQ} monitoring 104471
Maniewski, R., Lewandowski, P., Liebert, A., Mroczka, T., Steinbach, K. Spectral analysis of high resolution ECG in study on late potentials 120426
Maniezzo, V. *see* Colorni, A. 103700
Manifacier, J.C., Ardebili, R., Popescu, C. High level injection phenomena in P-N junctions 105844
Manikopoulos, C.N. *see* Hross, R. 67145
Manikopoulos, C.N. *see* Kaplinsky, M.B. 69550
Manikopoulos, C.N. *see* Tamboli, C. 71733
Maniloff, E.S. *see* Graf, F.R. 76124
Manin, L. *see* Gerard, J.M. 85549
Manintveld, P. *see* Urbanus, W.H. 96085
Maniprasa Rao, M. *see* Deergha Rao, K. 86283
Manitakos, D., Jones, J., Melikian, S. InfraCAM: A hand-held commercial infrared camera modified for spaceborne applications 70343
Manivannan, A. *see* Dobal, P.S. 116481
Manivannan, A. *see* Dobal, P.S. 116485
Manivannan, G. *see* Ghailane, F. 76290
Manivannan, G. *see* Lessard, R.A. 95660
Manivannan, G. *see* Lessard, R.A. 107622
Manivannan, G. *see* Lessard, R.A. 115983
Manivannan, G. *see* Pham, V.P. 75409
Manivannan, G. *see* Vinh Phuc Pham 96817
Manivannan, R. *see* Verma, V.P. 72193
Manivannan, R. *see* Verma, V.P. 112832
Maniwa, H. *see* Tachibana, Y. 83214
Maniwa, T. *see* Kobayashi, K. 73795
Manji, J.F. Maintenance management software evolves 82148
Manjikian, N. *see* Brown, S. 82891
Manjin Kim *see* Shuoqi Chen 85909
Manjrekar, M., Venkataramanan, G. Advanced topologies and modulation strategies for multilevel inverters 121759
Manju Latha, P., Naidu, M.V., Rao, P.U.M., Gopala Rao, Y., Raju, G.S.N., Rao, G.M. Radiation patterns of arbitrarily oriented radiating elements 76593
Manjunath, A. *see* Bhadra, S.N. 111986
Manjunath, B.S., Ma, W.Y. Texture features for browsing and retrieval of image data 98228
Manjunath, B.S. *see* Ma, W.Y. 86411
Manjunath, D., Molle, M.L. Passive estimation algorithms for queueing delays in LANs and other polling systems 87726
Manjunath, H. *see* Walivadekar, V.N. 112580
Mank, D. *see* Conner, B. 83189
Mankelevich, Y.A., Rakhimov, A.T., Suetin, N.V., Yostyuk, S.V. Diamond growth enhancement in d.c. discharge CVD reactors. Effects of noble gas addition and pulsed mode application 92846
Mankiewich, P.M. *see* Hampel, G. 83343
Mankikar, M. Is there power supply standard emerging? 71406
Mankos, M. *see* Streblechenko, D.G. 119842
Mankos, M. *see* Tanaka, S. 94791
Mankowski, V. *see* Muller, J. 85313
Manku, T. A methodology for measuring the gate-drain capacitance of CMOS devices 63752
Manku, T. Test structure to measure the gate-drain coupling capacitor using accelerated techniques 115194
Manku, T., Singh, G. Accelerated quasi-DC method and circuit for measuring the gate-drain coupling capacitance for devices within a CMOS process technology 115210
Manku, T. *see* Abou-Allam, E. 104374
Manku, T. *see* Sadovnikov, A.D. 84371
Manku, T. *see* Toole, W.H. 104410
Manley, M. *see* Chun Jiang 95201
Manley, M. *see* Karnett, M. 106208
Manli Xiong *see* Xiong Manli
Manly, S. *see* Abe, K. 69708
Manly, S. *see* Abe, K. 69726
Manmatha, R., Chengfeng Han, Riseman, E.M. Word spotting: a new approach to indexing handwriting 86432
Manmatha, R. *see* Ravela, S. 67244
Mann, A.G. *see* Luiten, A.N. 79236
Mann, A.G. *see* Luiten, A.N. 106475
Mann, A.G. *see* Notcutt, M. 79225
Mann, A.G. *see* Taylor, C.T. 119882
Mann, C.M. *see* Moon, S.W. 104800
Mann, H. *see* Day, M. 117982
Mann, K., Eva, E., Granitza, B. Characterization of absorption and degradation on optical components for high power excimer lasers 107447
Mann, K. *see* Eva, E. 107471
Mann, K. *see* Eva, E. 116187
Mann, M., Shamonina, E., Ringhofer, K.H. Modelling of two wave mixing experiments in sillenite crystals 85575
Mann, M. *see* McClelland, T.E. 116729
Mann, R., Jepson, A., Siskind, J.M. Computational perception of scene dynamics 67308
Mann, R.C. *see* Toemoe, S. 77214
Mann, R.C. *see* Uberbacher, E.C. 66873
Mann, R.D. The economics of equipment recycling 60757
Mann, R.D. The economics of equipment recycling 103525
Mann, R.F. *see* Amphlett, J.C. 91865
Mann, R.F. *see* Amphlett, J.C. 112312
Mann, T. *see* Teodorescu, R. 95546
Mann, W.B., Binford, T.O. Probabilities for Bayesian networks in vision 77148
Mann Jang Park *see* Byung Don Min 84106
Mann Kim Dae *see* Dae Mann Kim
Manna, I., Le-Tien Jung, Banerjee, S. A novel Si/SiGe sandwich polysilicon TFT for SRAM applications 61878
Mannaerts, J.P. *see* Hong, M. 84029
Mannaerts, J.P. *see* Passlack, M. 74485
Mannaerts, J.P. *see* Passlack, M. 84001
Mannaerts, J.P. *see* Passlack, M. 84012
Mannami, M. *see* Kimura, K. 82587
Manne, S. *see* Coudert, O. 82883
Mannell, G.T. *see* Brown, D.L. 85418
Mannen, T. *see* Sonoo, M. 101381
Manner, O., Machui, J., Ali-Hackl, M., Ruile, W. 2D simulation of diffraction and reflection improves Z-path SAW filters for mobile communications 106430
Manner, R. *see* Glass, J. 100978
Manner, R. *see* Hogl, H. 100981

Manner, R. *see* Ivers-Tiffee, E. 81852
Manner, W. *see* Mours, B. 100821
Manners, B. *see* Rajagopalan, J. 71450
Mannhart, J., Hilgenkamp, H., Mayer, B., Gerber, C., Kirtley, J.R., Moler, K.A., Sigrist, M. Basic aspects of high-T_c grain boundary devices 95481
Mannhart, J. *see* Mayer, B. 64559
Mannheimer, W.A. *see* Nobrega, M.C.S. 95092
Manni, A.R. *see* Di Lecce, V. 80382
Manni, A.R. *see* Di Lecce, V. 101123
Manni, A.R. *see* Di Lecce, V. 101165
Manni, C. C^1 comonotone Hermite interpolation via parametric cubics 72567
Manni, C. *see* Costantini, P. 82527
Manninen, J. *see* Halme, A. 103485
Manninen, T. *see* Pulliainen, J. 120679
Manning, C.D. *see* Gow, J.A. 121901
Manning, P.K. Information technology in the police context: the "sailor" phone 108984
Manning, P.T. *see* Coates, D.J. 101740
Manning, R. *see* Kaiser, M.L. 97129
Manning, R.A. *see* Castelin, S.F. 90897
Manning, R.J., Poustie, A.J., Blow, K.J. All-optical clock division using a semiconductor optical amplifier loop mirror with feedback 96622
Manning, R.J. *see* Poustie, A.J. 75648
Mannino, G. *see* Privitera, V. 74531
Mannion, L.G., Hurley, W.G. Rectifier circuit analysis with power factor correction 102837
Mannoh, M. *see* Ishibashi, A. 72777
Mannoh, M. *see* Kidoguchi, I. 75980
Mannoni, B. Bringing museums online 87661
Manns, F., Rol, P., Parel, J.-M., Schmid, A., Jin-Hui Shen, Matsui, T., Soderberg, P. Optical profilometry of poly(methylmethacrylate) surfaces after reshaping with a scanning photorefractive keratectomy (SPRK) system 101413
Mano, H. *see* Furuhashi, T. 84598
Mano, K. *see* Kataoka, A. 88006
Mano, K. *see* Kataoka, A. 97626
Mano, K. *see* Uda, S. 71369
Mano, S. *see* Kosuge, Y. 99613
Mano, S. *see* Naito, I. 117073
Mano, S. *see* Nomoto, K. 68754
Mano, T. *see* Kobayashi, T. 64620
Mano, T. *see* Naito, J. 69981
Mano, T. *see* Sugiyama, Y. 90500
Mano, T. *see* Yamashita, A. 108569
Manohar, C.Srinivas *see* Srinivas Manohar, C.
Manohar, M., Tilton, J.C. Progressive model-based VQ for image data archival and distribution 120910
Manohar, M. *see* Short, N.M., Jr. 66951
Manohar, M. *see* Tilton, J.C. 70435
Manohar, R. *see* Azzarelli, A. 88404
Manohara, H. *see* Vladimirsky, Y. 79365
Manoharan, R. *see* Zangaro, R.A. 110761
Manojlovic, Z. *see* Veselinovic, D. 99010
Manola, S.S. *see* Bzenic, S.A. 104992
Manolache, F.B., Sandu, D.D., Costiner, S. Improved microwave selective devices using weakly asymmetric resonant cavities 73657
Manolache, F.Bogdan *see* Bogdan Manolache, F.
Manolakis, D.G. *see* Kogon, S.M. 66712
Manolakos, E.S. *see* Lentz, K.P. 61837
Manolescu, A., Gerhardts, R.R., Tornow, M., Weiss, D., von Klitzing, K., Weimann, G. Coulomb interaction effects on the magnetoconductivity of laterally modulated two-dimensional electron systems 105282
Manolescu, G. About the optimal transmission capacity at high voltage levels 102141
Manolopoulos, S., Buttar, C.M., Sellin, P.J., Walsh, S. Radiation hardness of GaAs p-i-n diodes to neutron irradiation 120152
Manolopoulos, S. *see* Bates, R.L. 120142
Manolopoulos, Y., Nardelli, E., Proietti, G., Vassilakopoulos, M. On the creation of quadtrees by using a branching process 77216
Manolov, V.P. *see* Atanasov, P.A. 107635
Manoni, G. *see* Bardelli, L. 68833
Manor, R. *see* Brafman, O. 92712
Manos, D.M. *see* Nichols, C.A. 105628
Manos, G.A., Vournas, C.D. Voltage stability of a synchronous generator feeding a restorative load 101958
Manou, P. *see* Trifonova, E. 82584
Manousiouthakis, V.I. *see* Wilcoxson, M.H. 63406
Manry, M.T. *see* Liu, K. 70795
Mansano, R.D., Verdonck, P., Maciel, H.S. Deep trench etching in silicon with fluorine containing plasmas 105703
Mansell, A.R., Bateman, A. Adaptive predistortion with reduced feedback complexity [RF power amplifiers] 73127
Mansell, J.R. *see* Shannon, J.M. 89258
Mansell, R., Davies, A., Hulsink, W. The new telecommunications in the Netherlands: strategy, policy and regulation 77815
Manseop Lee *see* Changoo Lee 119213
Mansfeld, G.D. New types of BAW composite resonators and their properties 106468
Mansfield, G., Ouchi, M., Jayanthi, K., Kimura, Y., Ohta, K., Nemoto, Y. Techniques for automated network map generation using SNMP 87595
Mansfield, G. *see* Ohta, K. 109234
Manshadi, F. The S/X-band microwave feed system for NASA's first beamwaveguide antenna 76628
Mansingh, V., Hassur, K. Thermal analysis and optimization of a pin grid array package 60646
Mansinha, L. *see* Stockwell, R.G. 66710
Mansinha, L. *see* Stockwell, R.G. 101548
Mansky, P., Harrison, C.K., Chaikin, P.M., Register, R.A., Yao, N. Nanolithographic templates from diblock copolymer thin films 63487
Manson, A.H. *see* Khattatov, B.V. 120783
Manson, A.H. *see* Qiming Zhan 90812
Manson, K. *see* Riddell, A.G. 111428
Mansoor, F. *see* Grey, R. 119674
Mansoor, S.A.Abu *see* Abu Mansoor, S.A.
Mansour, A.F. *see* El-Shahawy, M.A. 75708
Mansour, F. *see* Boukezzata, M. 105661
Mansour, F. *see* Boukezzata, M. 114984
Mansour, I., Capobianco, A.-D., Rosa, C. Noniterative vectorial beam propagation method with a smoothing digital filter 64757
Mansour, I. *see* Caccavale, F. 95755
Mansour, I. *see* Gonella, F. 75555
Mansour, M., Davidson, C. A unique cogeneration application in a large pulp mill electrical system 91999
Mansour, M.M. *see* Abdelaziz, A.Y. 101668
Mansour, M.M. *see* El-Hawary, M.E. 70971
Mansour, M.M. *see* Mostafa, M.A. 111466
Mansour, N.S., Sirenko, Yu.M., Kim, K.W., Littlejohn, M.A., Stroscio, M.A. Carrier capture in quantum well embedded quantum wire structures 83941
Mansour, R. *see* Chi Wang 97241
Mansour, R.R., Jolley, B., Dokas, V., Ye, S., Thomson, F. Design of high power superconductive output multiplexers 95621
Mansour, R.R., Jolley, B., Shen Ye, Thomson, F.S., Dokas, V. On the power handling capability of high temperature superconductive filters 93695
Mansour, R.R., Shen Ye, Dokas, V., Jolley, B., Thomson, G., Wai-Cheung Tang, Kudsia, C.M. Design considerations of superconductive input multiplexers for satellite applications 99401
Mansour, R.R. *see* Ke-Li Wu 93725
Mansour, Y. *see* Afek, Y. 87459
Mansour, Y. *see* Afek, Y. 118147
Mansour, Y. *see* Feder, M. 66341
Mansouri, I., Newborough, M., Probert, D. Energy consumption in UK households: impact of domestic electrical appliances 112617
Mansouri, L. *see* Buhmann, H. 63550
Mansouri, L. *see* Wang, J. 63549
Mansours, F. *see* Yu, M.K. 90574
Manstretta, A. *see* Calligaro, C. 73401
Mansun Chan *see* Yuhua Cheng 114142
Mansuripur, M. *see* Gadetsky, S. 75173
Mansuripur, M. *see* Gadetsky, S. 75232
Mansuripur, M. *see* Goodman, T.D. 84946
Mansuripur, M. *see* Yung-Chieh Hsieh 75236
Mansvetov, N.G. *see* Bovina, L.A. 99985
Mantei, M. *see* Harrison, B. 67883
Mantei, T.D., Ring, Z., Schweizer, M., Tlali, S., Jackson, H.E. Low temperature synthesis of diamond films with electron cyclotron resonance plasma chemical vapor deposition 72868
Mantel, G. *see* Delheij, P.P.J. 120098
Mantell, M. *see* Williams, A. 74660
Mantese, J. *see* Geyer, R.G. 108003
Manteuffel, G. *see* Rossmann, M. 62136
Manthalkar, R.R., Sontakke, T.R., Gajre, S.S. PC based ECG interpreter 120419
Manthiram, A. *see* Zhang, L. 115524
Manthorpe, S. Buffer and bandwidth allocation for TCP data traffic: Experimental results 77784
Mantl, S. *see* Dolle, M. 84232
Mantone, D. *see* Bu-Xin Xu 95543
Mantooth, H.A. A unified diode model with self-heating effects 63563
Mantovanelli, P., Barbi, I. A new current-fed, isolated PWM DC-DC converter 71486
Mantriota, G. *see* Mangialardi, L. 71208
Mantsvetov, A.A. *see* Berezin, V.V. 79141
Mantyla, T. *see* Li, D.M. 72925
Mantz, R.J. *see* Battaiotto, P.E. 111857
Mantz, U. *see* Forster, M. 105349
Manucharyan, R.G. *see* Ovanesyan, K.L. 92654
Manuel, A., Ramos, R., Sanchez, F., Guinjoan, F., Poveda, A. Computer based waveform synthetizer for switching regulators characterization 121740
Manuel, A., San Jose, A., Sanchez, F., Garrido, A., Sanchez, J. MM-65X a versatile and low cost GPIB instrumentation system 109991
Manuel, P. *see* Senoussi, S. 106651
Manui, H. *see* Wada, K. 107254
Manuilov, I.V. *see* Bosi, F. 90134
Manuilov, V.N. *see* Samsonov, S.V. 96084
Manukyan, G.Sh. *see* Abroyan, M.A. 107127
Manvelyan, M.O., Martirosyan, R.M., Abrahamyan, L.E. Effective utilization of active materials in waveguide quantum amplifiers 96087
Manwaring, K.H. *see* Manwaring, M.L. 110695
Manwaring, M.L., Jones, K.L., Manwaring, K.H. Issues in developing a communication protocol for wireless (implanted) biodevices 110695
Manweiler, R. *see* Szymanski, J.J. 110589
Manwell, J.F. *see* Jeffries, W.Q. 91407
Manwell, J.F. *see* Jeffries, W.Q. 102551
Many, A. *see* Savir, E. 114571
Manygin, A.A. *see* Balashov, K.Ye. 88902
Manyi Wang *see* Wang Manyi
Manying Wang *see* Wang Manying
Manykin, E. *see* Kuzmina, M. 95654
Manyong Zhao *see* Zhao Manyong
Manz, L. Applying adjustable speed drives (ASDs) to 3 phase induction NEMA frame motors 81938
Manz, L. Motor insulation system quality in the presence of IGBT drives 91779
Manzalini, A. *see* Cadeddu, R. 99514
Manzanedo, B.S., Cosimini, P., Irvine, J., Dunlop, J. Implementation and assessment of adaptive power control in a 3rd generation cellular system 109550
Manzanedo, B.Salas *see* Salas Manzanedo, B.
Manzari, V. *see* Beole, S. 110562
Manzari, V. *see* Simone, S. 69783
Manzel, M., Huber, S., Bruchlos, H., Bornmann, S., Gornert, P., Klinger, M., Stiller, M. High Q-value resonators for the SHF-region based on TBCCO-films 93701
Manzel, M. *see* Veith, M. 115884
Manzini, G. Perimeter search in restricted memory 103646
Manzini, G., Margara, L. Minimal residual algorithm and matrix-vector information 92367
Manzini, S., Contiero, C. Hot-electron-induced degradation in high-voltage submicron DMOS transistors 105993
Manzitto, A. *see* Sukumar, V. 82203
Manzitto, A. *see* Sukumar, V. 82940
Manzke, R. *see* Nemcsics, A. 92727
Manzoni, G., Cefalo, R., Fonzari, S. Urban and suburban road survey by means of real time direct DGPS/DR and inverted DGPS 79052
Manzouki, M. *see* Mohamed, F. 106147
Manzur, T., DeMaria, T., Chen, W., Roychoudhuri, C. Potential role of high power laser diode in manufacturing 107268
Mao, D., Feng, L.H., Zhu, Y., Tang, J., Song, W., Collins, R., Williamson, D.L., Trefny, J.U. Interdiffusion in polycrystalline thin-film CdTe/CdS solar cells 112363
Mao, F. *see* Coatrieux, J.L. 120314
Mao, G.M.T. *see* Poon, J.C.H. 67149
Mao, H., Boroyevich, D., Lee, F.C. Novel reduced-order small-signal model of three-phase PWM rectifiers and its application in control design and system analysis 121618
Mao, H., Reamers, J.N., Zhong, Q., von Sacken, U. An investigation of $LiMn_2O_4$ corrosion in various electrolytes 81679
Mao, J. *see* Lutjering, G. 105420
Mao, J. *see* Sou, I.K. 114896
Mao, M.-H. *see* Schmidt, O.G. 85517
Mao, N. *see* Bertsche, K. 100704
Mao, O., Altounian, Z., Strom-Olsen, J.O., Yang, J., Chen, X. Solid-state phase transformation in nanocrystalline $R_2Fe_{17}C_x$ compounds (R=Sm or Nd; x=0-1) 115515
Mao, O., Altounian, Z., Yang, J., Strom-Olsen, J.O. Thermal stability of nanostructured $Sm_2Fe_{17}C_x$ compounds prepared by ball milling 64323
Mao, O., Strom-Olsen, J.O., Altounian, Z., Yang, J. Characteristics of $Sm_2Fe_{17}C_x$ compounds prepared from ball-milled blends of Sm_2Fe_{17} and graphite 64238
Mao, O., Yang, J., Altounian, Z., Strom-Olsen, J.O. Metastable RFe_7 compounds (R=rare earths) and their nitrides with $TbCu_7$ structure 64220
Mao, O. *see* Jun Yang 115508
Mao, S., Green, T.C. DSP based on-line parameter identification of induction machine 121988
Mao, S. *see* Hong, W. 68562
Mao, S.-G., Ke, J.-Y., Chen, C.H. Modified spectral-domain analysis of superconducting coplanar waveguides 97283
Mao, Y., Krier, A. Uncooled 4.2 μm light emitting diodes based on $InAs_{0.91}Sb_{0.09}$/GaSb grown by LPE 116254
Mao, Y., Shui, Y., Jiang, W., Yin, J. Switchable single mode Lamb wave transduction by means of both side excitation 111360
Mao, Z. *see* Singh, G. 87416
Mao Chi-Wu *see* Chi-Wu Mao
Mao Chi-Yu *see* Chi-Yu Mao
Mao Chong-Chang *see* Chong-Chang Mao
Mao Dali, Wu Jiansheng, Wang Jiaming, Qiu Guohua, Zhang Lanting, Mao Lizhong, Xu Ying Target material with large scale and high Si contents for electronics [thin film resistors] 104889
Mao Hengchun *see* Hengchun Mao
Mao Huishun *see* Rong Gang 120206
Mao Jian *see* Jian Mao
Mao Jinglong *see* Wang Pu 116343
Mao Jun-Fa *see* Jun-Fa Mao
Mao Junfa, Li Zhengfan Synthesis of lossless nonuniform transmission lines by the method of characteristics 107963
Mao Lin Qiu *see* Yang Zhiyong 86672
Mao Lizhong *see* Mao Dali 104889
Mao Ming *see* Ming Mao
Mao Ming-Xi *see* Ming-Xi Mao
Mao Naihong *see* Jiao Yongchang 97382
Mao Qinghe *see* Chen Haijuan 116405
Mao Qu *see* Qu Mao
Mao Sen *see* Sen Mao
Mao Shaodong *see* Wang Zhaocheng 108812
Mao Shiwen *see* Lin Xiaokang 117955
Mao Shiyi *see* Sun Hongyan 66609
Mao Shiyi *see* Sun Hongyan 97825
Mao Wang, Evans, J., Hassebrook, L., Knapp, C. A multistage, optimal active contour model 117852
Mao Xiyun Huge size image memory 113939
Mao Yimin A new algorithm of the discrete Fourier transform 117443

Mao Yongcai, Bao Zheng On consistent and asymptotical normal estimators for cyclic moments and cumulants of complex signals 86163
Mao Yu, Feher, K. π/4-FQPSK: an efficiency improved, standardized π/4-DQPSK compatible modulation/nonlinearly amplified RF wireless solution 88807
Mao Zeng, Qiang Wang Probability distribution of differential phase perturbed by tone interference and its application 65869
Mao Zepu *see* Rong Gang 120206
Mao Zhiwei *see* Chen Jun 119925
Mao Zhiwei *see* Yu Daren 121426
Mao-Chao Lin *see* Jia-Yin Wang 97452
Mao-Chieh Chen *see* Wen-Kuan Yeh 74691
Mao-Ching Chiu *see* Chi-Chao Chao 66292
Mao-Chiug Chiu, Chi-Chao Chao A new construction of nonlinear unequal error protection codes 66492
Mao-Hong Lu, Hau-Wei Wang, H-Jane Yeh Application of infrared up-conversion with AgGaS$_2$ on the measurement of spectroscopy 85611
Mao-Hsiung Chen *see* Shih-Chu Huang 79512
Mao-Hsiung Chen *see* Shih-Chu Huang 119708
Maocheng Tang *see* Tang Maocheng
Maoguang, W. *see* Shujun, X. 78992
Maojun Zhang *see* Zhang Maojun
Maoli, R. *see* Beaudin, G. 79100
Maolin Qiu, Song De Ma Parametric and nonparametric approaches for camera calibration: analysis of imaging errors and their compensation 86831
Maoquan Huang *see* Huang Maoquan
Maosheng, Z. *see* Enze, L. 73931
Maosheng Hao, Chunlin Shao, Soga, T., Jimbo, T., Umeno, M., Junwu Liang, Lianxi Zheng, Zhibo Xiao, Jianfei Xiao Characterization and improvement of GaAs layers grown on Si using an ultrathin a-Si film as a buffer layer 103831
Maosheng Wen *see* Wen Maosheng
Maosheng Zheng *see* Zheng Maosheng
Maosong Yan *see* Yan Maosong
Maotang Li *see* Li Maotang
Maouche, M. *see* Bettaz, M. 108870
Maoz, B., Adar, A. GaAs IC receivers for wireless communications: what makes them so good? 99199
Mapelli, D. *see* Spalvieri, A. 76755
Mapes, M. *see* Hseuh, H.C. 89610
Maple, M.B. *see* Chaua, R. 84793
Maple, M.B. *see* Jardim, R.F. 84854
Maple, M.B. *see* Spagna, S. 64369
Maples, T.B., Myers, S., Tran, V. Preserving the quality-of-service of multimedia traffic in ATM networks using real-time scheduling algorithms 78189
Maples, T.B. *see* Spanos, G.A. 108449
Mapp, G.E. *see* Murphy, B.J. 87410
Mapps, D.J. *see* Chandrasekhar, R. 106519
Mapps, D.J. *see* Chandrasekhar, R. 106520
Mapps, D.J. *see* Shute, H.A. 84834
Mapps, D.J. *see* Smith, D.F. 115825
Mapps, D.J. *see* Tan, B. 106612
Maquet, F. *see* Rattay, B. 88110
Maquin, D., Luong, M., Ragot, J. Some ideas about the design of measurement systems 79229
Maquin, P. *see* Etrillard, J. 84136
Maquin, Ph. *see* Puech, M. 105702
Mar, A., Lear, K.L., Choquette, K.D., Kilcoyne, S.P., Geib, K.M. High speed modulation of oxide-confined vertical-cavity lasers 119255
Mar, A., Vawter, G.A. Techniques for increasing output power from mode-locked semiconductor lasers 107230
Mar, A. *see* Lear, K.L. 107286
Mar, D.J., Carroll, T.L., Pecora, L.M., Heagy, J.F., Rachford, F.J. Dual driving of magnetostatic modes in yttrium-iron-garnet film experiments 95357
Mar, J., Song, M.-J. The image compression processing of the satellite SAR using subband technique 99621
Mar, W. *see* Beuville, E. 80191
Mar, W. *see* Beuville, E. 101239
Mar, W.Y. *see* Wang, T.K. 100807
Marabini, R., Carazo, J.M. On a new computationally fast image invariant based on bispectral projections 98222
Marable, W.P. *see* Fink, Y. 110512
Maracas, G.N. *see* Mathine, D.L. 85501
Maracas, G.N. *see* Moneger, S. 76043
Maracek, R. *see* Ban, J. 69810
Maradei, F. *see* Feliziani, M. 97093
Maradei, F. *see* Feliziani, M. 107954
Maradudin, A.A. *see* Baghai-Wadji, A.R. 106445
Maragos, P. Differential morphology and image processing 77260
Maragos, P. *see* Chiou-Shann Fuh 77113
Maragos, P. *see* Potamianos, A. 76874
Maragoudakis, M. *see* Faruque, S. 68301
Marakhovsky, V.B. *see* Varshavsky, V.I. 104258
Marakhtanov, A.M. Anomalous current drop in a hot-cathode magnetron 72866
Marakulin, A.V. *see* Salunin, N.I. 95424
Maral, G. *see* Dosiere, F. 78502
Maral, G. *see* Restrepo, J. 88403
Marallo, S.L., Dieffenbach, J.R. Manufacturing cost analysis for electronic packaging 72299
Maram, S.R., Singh, V.P., Gibson, G.A. Comparison of GaAs DCFL and CMOS technologies for MCM-D implementations of a modularly configured attached processor 61948
Maran, R.M., Evans, W.T., Tyrer, J.R. Simultaneous measurement of x, y, z components of displacement in holographic interferometry using a four-mirror technique 69487
Maranesi, P. *see* Baroncelli, C. 121640
Marangelli, B. *see* Barbiellini, G. 69722
Marangon Lima, J.W. Allocation of transmission fixed charges: an overview 101934
Marangos, J.P. *see* Ditmire, T. 107514
Marannino, P. *see* Berizzi, A. 101936
Marannino, P. *see* Berizzi, A. 101979
Marano, G. *see* Caniggia, S. 107931
Marano, S. *see* Beraldi, R. 68229
Marano, S. *see* Beraldi, R. 88205
Marano, S. *see* Beraldi, R. 118838
Marano, S. *see* Beraldi, R. 118840
Marano, S. *see* Iera, A. 68279
Marano, S. *see* Iera, A. 88276
Marano, S. *see* Iera, A. 118573
Marano, S. *see* Iera, A. 118582
Maranowski, K. *see* Pinsukanjana, P. 82673
Maranto, J.A. *see* DeDoncker, R.W. 121800
Maranto, J.A. *see* Schwartzenberg, J.W. 91679
Marasco, K. *see* Hammond, S. 93860
Marashi, A. *see* Dow, G.S. 89157
Marasinghe, G.K., Ezekwenna, P.C., James, W.J., Long, G.J., Pringle, O.A., Hu, Z., Yelon, W.B., Grandjean, F. Neutron diffraction and Mossbauer spectral study of the Nd$_2$Fe$_{16}$TiC$_x$ solid solutions 64214
Marasinghe, G.K. *see* Hu, Z. 115510
Marasinghe, G.K. *see* Luo, H. 115511
Marasinghe, G.K. *see* Yelon, W.B. 75101
Marasinghe, G.K. *see* Yelon, W.B. 115547
Marasli, R., Amer, P.D., Conrad, P.T. Retransmission-based partially reliable transport service: an analytic model 87790
Marasli, R. *see* Conrad, P.T. 87408
Marathe, M.V., Ravi, R., Sundaram, R. Service-constrained network design problems 118165
Maratukulam, D. *see* Zhu, W. 101738
Maratukulam, D.J. *see* Khotanzad, A. 70794
Maravall, D. *see* Peters, J.F., III 76953
Maravic, S. *see* Ferzali, W. 68320
Maraviglia, B. *see* De Luca, F. 110830
Marazzi, A., Gamba, P., Ranzi, R. Rain pattern detection by means of packet wavelets 120747
Marazzi, A. *see* Franchi, G. 117883
Marbach, P. *see* Scarmozzino, R. 88485
Marbot, R., Couteaux, P., Lebihan, J.-C., Netamzadeh, R., Pierre-Duplessix, A. Serial networks for computing applications 78055
Marbot, R. *see* Zerrouk, B. 98515
Marc, N., Moisan, J.-Y., Andre, B., Lever, R. Charge trapping in an organic photoconductor: poly(N-vinylcarbazole) doped with 2,4,7-trinitrofluorenone 75683
Marc, N., Moisan, J.Y., Andre, B., Lever, R. Effect of doping molecules and plasticizer addition on carrier mobility in PVK photoconductors 95954
Marc, N., Moisan, J.Y., Wolffer, N., Andre, B., Lever, R. Determination of the charge mobility in organic photoconductors by a new method-theoretical study and experimental results 95953
Marca, J.R.Boisson de *see* Boisson de Marca, J.R.
Marcano, D., Jimenez, M., Duran, F., Chang, O. Synthesis of antenna arrays using genetic algorithms 97389
Marcano, D., Terret, C., Diaz, L.M., Allocca, B. CAD for the synthesis of rectangular microstrip antennas 97301
Marcarino, P., Ricolji, T. New developments in standard thermometry at the IMGC 119684
Marceau, R. *see* McGillis, D.T. 70836
Marceau, R.J. Estimating transient stability transfer limits for normal contingencies 101971
Marceau, R.J. *see* Garant, E. 101702
Marceau, R.J. *see* Kandil, N. 101714
Marceau, R.J. *see* Okapuu-von Veh, A. 102927
Marcelino, M.A. Another prefiltering algorithm for adaptive IIR filtering 97699
Marcellan, F., Perez, T.E., Pinar, M.A. Laguerre-Sobolev orthogonal polynomials 72602
Marcelli, A. *see* Frucci, M. 87108
Marcelli, R., De Gasperis, P., Dragoman, M., Su Jun Microwave pulse compression and reshaping at low level input powers using bright surface wave solitons in YIG film delay lines 115856
Marcelli, R., Rossi, M., De Gasperis, P., Su Jun Magnetostatic wave single and multiple stage resonators 115867
Marcelli, R., Rossi, M., Slavin, A.N. Thermostability of obliquely magnetized magnetostatic wave straight edge resonators 115868
Marcellin, M.W. *see* Kasner, J.H. 66458
Marcellini, F. *see* Boni, R. 89750
Marcellini, P. Regularity for some scalar variational problems under general growth conditions 82485
Marcello, S. *see* Agnello, M. 110583
Marcello Fontanesi, P.Cantu e *see* Cantu e Marcello Fontanesi, P.
Marcenac, D. *see* Noel, L. 114250
Marcenac, D. *see* Noel, L. 119133
March, D. *see* Staffa, J. 63360
Marchal, G. *see* Hadj Zoubir, N. 92859
Marchal, G. *see* Maes, F. 110702
Marchal, G. *see* Rinnert, H. 104115
Marchal, G. *see* Van Cleynenbreugel, J. 110719
Marchal, G. *see* Verdonck, B. 80314
Marchal, N. *see* Gouni, P. 88771
Marchal, N. *see* Mathieu, J. 88754
Marchal, P. *see* Mange, D. 73015
Marchand, C. *see* Allegre, J.M. 65723
Marchand, C. *see* Gaspalou, B. 81647
Marchand, E., Chaumette, F. Controlled camera motions for scene reconstruction and exploration 86378
Marchand, E. *see* Lo, K.L. 71135
Marchand, R. *see* Simard, M. 82568
Marchant, G.H. *see* Shmigol', I.N. 121338
Marchant, J. *see* Baumbaugh, B. 89063
Marchant, J. *see* Baumbaugh, B. 100882
Marchant, J. *see* Reynard, D. 67249
Marchant, J.A. *see* Brivot, R. 67165
Marchant, J.A. *see* Onyango, C.M. 108673
Marchant, T. Cellular digital packet data (CDPD) an excellent DSP application example 88301
Marche, P., Packard, P., Kaiser, W. SYNERGI: A new generation thermal imaging system 69316
Marchegay, P. *see* Dallet, D. 114036
Marcheggiani, M. *see* Caricchi, F. 122047
Marchegiano, J.E. *see* Hahn, K.H. 119222
Marchenko, R.I. *see* Evtukh, A.A. 73957
Marchenko, R.I. *see* Evtukh, A.A. 83716
Marchenko, V.F. *see* Vederko, A.V. 73075
Marchese, D., Kakarantzas, G., Jha, A. $^1G_4$ lifetimes, optical and thermal characteristics of Pr-doped GeS$_2$-chalcohalide glasses 75388
Marchese, D., Kakarantzas, G., Jha, A., Samson, B.N., Wang, J. Spectroscopic and thermal properties of GeS$_2$-based chalcohalide glasses 64605
Marchese, M. *see* Bolla, R. 77774
Marchese, M. *see* Bolla, R. 109291
Marchese, P. *see* Pignatta, R. 119007
Marchese, S.Scattareggia *see* Scattareggia Marchese, S.
Marchesi, M. *see* Cincotti, S. 73831
Marchesi, M. *see* Cincotti, S. 121827
Marchesi, M. *see* Costamagna, E. 65919
Marchesi, M. *see* Costamagna, E. 96891
Marchesi, M. *see* Fanni, A. 96904
Marchesi, M.L., Piazza, F., Uncini, A. Backpropagation without multiplier for multilayer neural networks 93647
Marchesini, R. *see* Beccherle, R. 80297
Marchesini, R. *see* Del Guerra, A. 101315
Marchesoni, M., Pozzobon, P., Puglisi, L. A low EM noise emission AC drive for electric vehicle applications 91907
Marchesoni, M., Puglisi, L. A fuzzy algorithm for the antiskidding control in locomotives using AC drives 103101
Marchesoni, M., Puglisi, L. Induction motor control system optimization by fuzzy logic 112442
Marchesoni, M., Puglisi, L., Rebora, A. Analysis and modelling of the auxiliary quasi-resonant DC link inverter applied to AC electric vehicle drives 71510
Marchesoni, M., Puglisi, L., Vallebona, C. Impact of a fuzzy approach on the wheel-rail, slip control in locomotives with AC drives 112523
Marchesoni, M. *see* Carpita, M. 112055
Marchesoni, M. *see* Lovati, V. 121967
Marchesotti, M. *see* Arena, V. 90171
Marchet, P. *see* Garapon, C. 92924
Marchetaux, J.-C. *see* Vuillaume, D. 105955
Marchetta, C. *see* Pappalardo, G. 100387
Marchette, D.J., Priebe, C.E., Rogers, G.W., Solka, J.L. Filtered kernel density estimation 76942
Marchette, D.J. *see* Hayes, H.I. 98211
Marchette, D.J. *see* Priebe, C.E. 108443
Marchette, D.J. *see* Wallet, B.C. 86940
Marchetti, S. Near and very near accurate fields evaluation for microwave hyperthermia applications 70207
Marchetti, S. Accurate evaluation of the electric fields generated for microwave hyperthermia 101425
Marchetti, S., Giorgi, M., Simili, R. A simple, broad band, large size, sensitive, calibrated, PVDF light detector 69122
Marchetti-Spaccamela, A. *see* Feuerstein, E. 98705
Marchetti-Stasi, F. *see* Di Capua, E. 110598
Marchevsky, S. *see* Kocur, D. 62045
Marchevsky, S. *see* Levicky, D. 66838
Marchi, C. *see* Geis, M.W. 73938
Marchi, G.De *see* De Marchi, G.
Marchi, S.De *see* De Marchi, S.
Marchiando, J.F. On using collocation in three dimensions and solving a model semiconductor problem 74661
Marchildon, L. *see* Abdulnour, J. 69442
Marchionni, A., Massucco, S., Siewierski, T. A prototype expert system for transient stability assessment of electric power systems 80950
Marchioro, A. *see* Christiansen, J. 100975
Marchioro, A. *see* Costa, M. 90231
Marchioro, A. *see* Costa, M. 100982
Marchman, H. Nanometer-scale dimensional metrology with noncontact atomic force microscopy 115082
Marchman, H. *see* Monahan, K. .115079
Marchon, B. Head/disk tribology: toward 10 Gb/in.^{2} 64425
Marchon, B. *see* Kuo, D. 115754
Marchon, B. *see* Rauch, G.C. 115681
Marchot, P. *see* Noo, F. 98325

Marchuk, L.A., Kolin'ko, A.V. Analysis of the efficiency of adaptive feedback antenna arrays 76664
Marchuk, L.A., Moiseev, D.V. Potential efficiency of spatial signal processing with the presence of nonlinearity 77050
Marciante, J.R., Agrawal, G.P. Controlling filamentation in broad-area semiconductor lasers and amplifiers 96239
Marciante, J.R., Agrawal, G.P. Lateral spatial effects of feedback in gain-guided and broad-area semiconductor lasers 107271
Marcilhac, B. *see* Mage, J.C. 68666
Marcillaud, S.S. *see* Telliez, I. 62343
Marciniak, H. *see* Kovac, P. 75338
Marciniewski, P. *see* Calen, H. 120194
Marcinkevicius, S., Hillmer, H., Losch, R., Olin, U. Photoexcited carrier dynamics in InAlGaAs/InP quantum well laser structures 94521
Marcinkevicius, S. *see* Krotkus, A. 74250
Marcinkevicius, S. *see* Tan, H.H. 64993
Marcio, A.C., Simonetti, D.S.L., Freitas Vieira, J.L. High power factor electronic ballast operating at critical conduction mode 122076
Marciu, L. *see* Itoafa, M. 101795
Marck, G. *see* Buchecker, R. 85134
Marck, H.Van *see* Van Marck, H.
Marco, C., Morillo, P. A new algorithm for smart cards 117181
Marco, D.B., Healey, A.J. Local area navigation using sonar feature extraction and model based predictive control 88738
Marco, F.Di *see* Di Marco, F.
Marco, G.De *see* De Marco, G.
Marco, M.De *see* De Marco, M.
Marco, P.Di *see* Di Marco, P.
Marco, S., Samitier, J., Ruiz, O., Morante, J.R., Esteve, J. High-performance piezoresistive pressure sensors for biomedical applications using very thin structured membranes 110654
Marco, S. *see* Bao Minhang 84181
Marco, S. *see* Ruiz, O. 69072
Marco, S.Del *see* Del Marco, S.
Marcon, J., Koumetz, S., Ketata, K., Ketata, M., Launay, P. Modeling of Be diffusion in InGaAs epitaxial layers using two approaches: Boltzmann-Matano technique and point defect nonequilibrium 105559
Marcon, J. *see* Koumetz, S. 74276
Marcon, J. *see* Koumetz, S. 83852
Marcon, J.-P. Development of materials for the fuel rods of pressurised water reactors 121321
Marconato, R. *see* Baratella, P. 101712
Marconato, R. *see* Delfino, B. 101930
Marconcini, F. *see* Lazar, A.A. 109203
Marcondes Cesar, R., Jr., Da Fontoura Costa, L. Towards effective planar shape representation with multiscale digital curvature analysis based on signal processing techniques 98322
Marconi, L. *see* Holweg, E.G.M. 89514
Marconi, M.C. *see* Chilla, J.L.A. 100358
Marconi, M.C. *see* Rocca, J.J. 65019
Marconi, M.C. *see* Rocca, J.J. 75819
Marcotte, O. *see* Chamberland, S. 109265
Marcouille, O., Corlier, M., Humbert, G., Marteau, F., Ortega, J.M., Peaupardin, P., Veteran, J. A new undulator for the extension of the spectral range of the CLIO FEL 96567
Marcouille, O. *see* Glotin, F. 107383
Marcouille, O. *see* Glotin, F. 116796
Marcouille, O. *see* Jaroszynski, D.A. 96565
Marcouille, O. *see* Jaroszynski, D.A. 107399
Marcouille, O. *see* Ortega, J.M. 107394
Marcouille, O. *see* Prazeres, R. 96468
Marcoux, P.J. *see* Diaz, C.H. 63947
Marcu, T., Voicu, M. A neuro-fuzzy approach to pattern recognition for process change detection 72324
Marculescu, D., Marculescu, R., Pedram, M. Information theoretic measures for power analysis [logic design] 73045
Marculescu, D., Marculescu, R., Pedram, M. Stochastic sequential machine synthesis targeting constrained sequence generation 82877
Marculescu, D. *see* Chi-Ying Tsui 83064
Marculescu, R. *see* Chi-Ying Tsui 83064
Marculescu, R. *see* Marculescu, D. 73045
Marculescu, R. *see* Marculescu, D. 82877
Marcus, A. The future of user-interface design 89383
Marcus, B. *see* Le Normand, F. 92872
Marcus, H.L. *see* Thissell, W.R. 112886
Marcus, H.L. *see* Thissell, W.R. 113496
Marcus, J.S. Internet hardware and software 67818
Marcus, J.T. *see* Noordegraaf, A.V. 101393
Marcus, K., Sebo, A. On integer multiflows and metric packings in matroids 103769
Marcus, M.J. Recent progress in U.S. millimeter wave spectrum management policy 88798
Marcus, M.J. Recent FCC rules above 40 GHz 119354
Marcus, S.I. *see* Kumar, R. 118144
Marcus, S.W., Degani, D. Domain decomposition for parallelization of finite difference schemes for parabolic equations in wave propagation 97069
Marcus, W.S. An architecture for QoS analysis and experimentation 98982
Marcuse, D., Wood, T.H. Simulation of a laser modulator driven by NRZ pulses 68475
Marcuse, D. *see* Wai, P.A.K. 116062
Marcy, H.O. *see* Rosker, M.J. 116646
Marcy, J.-P. Multiple polarized array 66167
Marcy, W.M. *see* Hagler, M.O. 112764
Marczewska, G. *see* Korbicz, J. 111702
Marczewski, W., Morawski, T. Ring of four overlapped microstrip hybrid couplers 62157
Mardaljevic, J. Validation of a lighting simulation program under real sky conditions 81989
Mardani, R. *see* Redstall, R.M. 67962
Mardia, H. Two way communications over HFC: the imperative for new passives 119444
Mardia, H., Krier, P. Fast reaction filters for EW 73667
Mardia, K.V. Recent advances in shape statistics and image analysis 86657
Mardia, K.V., Hainsworth, T.J., Kirkbride, J., Hurn, M.A., Berry, E. Hierarchical Bayesian classification of multimodal medical images 110706
Mardor, I. *see* Wu, J. 110619
Mardor, Y. *see* Wu, J. 110619
Marec, R., Mary, P., Gaillard, R., Palau, J.-M., Bruguier, G., Gasiot, J. A study involving the design and the fabrication process on the SRAM behaviour during a dose-rate event 73386
Marec, R., Mary, P., Gaillard, R., Palau, J.-M., Bruguier, G., Gasiot, J. A study involving the design and the fabrication process on the SRAM behaviour during a dose-rate event 104564
Marechal, B. *see* Motet, J.-C. 68690
Marechal, J.C. *see* Beaudin, G. 79100
Marechal, N. High frequency phase errors in SAR imagery and implications for autofocus 120718
Marechal, N.J. *see* Hovanessian, S.A. 90891
Marechal, X.M. *see* Kimura, S. 89636
Marechal, Y., Labbe, N., Meunier, G. Electric and magnetic formulations for eddy currents due to moving conductors 107775
Marechal, Y. *see* Clavel, E. 62450
Marechal, Y. *see* Coulomb, J.-L. 103792
Marechal, Y. *see* Labbe, N. 71845
Marechal, Y. *see* Labbe, N. 107833
Marechal, Y. *see* Luong, H.T. 107784
Marechal, Y. *see* Vanti, M.G. 96910
Marechal, Y. *see* Zgainski, F.-X. 65635
Marechal, Y. *see* Zgainski, F.-X. 65638
Marechal, Y. *see* Zgainski, F.-X. 92648
Mareci, T. *see* Andrew, E.R. 120283
Maree, C.H.M., Roosendaal, S.J., Savenije, T.J., Schropp, R.E.I., Schaafsma, T.J., Habraken, F.H.P.M. Photovoltaic effects in porphyrin polymer films and heterojunctions 116202
Maree, C.H.M. *see* Leguijt, C. 102983
Mareels, I.M.Y. *see* Clarkson, I.V.L. 68552
Marefat, M. *see* Ciarallo, F.W. 82286
Marega, E., Jr. *see* Lubyshev, D.I. 72780
Marek, A. *see* Gandurska, J. 69348
Marek, A. *see* Kulawik, J. 114451
Marek, R. *see* Buchenauer, C.J. 97327
Marek-Sadowdka, M. *see* Shih-Chieh Chang 113911
Marek-Sadowska, M. *see* Chien-Chung Tsai 83068
Marek-Sadowska, M. *see* Chien-Chung Tsai 93284
Marek-Sadowska, M. *see* Chih-Chang Lin 73231
Marek-Sadowska, M. *see* Chih-Chang Lin 83073
Marek-Sadowska, M. *see* Chih-Chang Lin 104524
Marek-Sadowska, M. *see* Chih-Chang Lin 113861
Marek-Sadowska, M. *see* David Ihsin Cheng 83100
Marek-Sadowska, M. *see* Shih-Chieh Chang 73235
Marenelli, M. *see* Balachandran, U. 91234
Marengo, E.A., Anthony, F., Devaney, J., Heyman, E. Radiation characteristics of collimated, ultrawideband, volume sources 99618
Marengo, O. *see* Lenti, M. 78449
Marent, K. *see* Donnay, S. 62061
Mares, J.J. *see* Hubik, P. 74272
Mares, J.J. *see* Oswald, J. 94310
Mares, J.J. *see* Sestakova, V. 92662
Mares, M. Equivalentions over fuzzy quantities 60831
Mares, M. *see* Bourcerie, M. 60873
Mares, P.J. *see* Ahmari, D.A. 62236
Mares, P.J. *see* Stillman, G.E. 84337
Marest, G. *see* Afif, M. 94183
Marest, G. *see* Baccar, Z.M. 63236
Marfaing, Y. Fundamental studies on compensation mechanisms in II-VI compounds 94353
Marfaing, Y. *see* Svob, L. 74164
Margaard, T. *see* Greenwood, A. 70845
Margail, J. *see* Regolini, J.L. 104029
Margalit, M., Orenstein, M., Eisenstein, G. Noise reduction and pulse evolution of high repetition rate passively mode locked Er doped fiber lasers by harmonic injection locking 68402
Margalit, M., Orenstein, M., Eisenstein, G. Multimode injection locking buildup and dephasing in passively mode locked fiber lasers 107143
Margalit, M., Orenstein, M., Eisenstein, G. Synchronized two-color operation of a passively mode-locked erbium-doped fiber laser by dual injection locking 116417
Margalit, M., Orenstein, M., Haus, H.A. Noise in pulsed injection locking of a passively modelocked laser 65278
Margalit, N.M., Babic, D.I., Streubel, K., Mirin, R.P., Mars, D.E., Bowers, J.E., Hu, E.L. Laterally oxidized long wavelength cw vertical-cavity lasers 85503
Margalit, N.M., Babic, D.I., Streubel, K., Mirin, R.P., Mars, D.E., Sheng Zhang, Bowers, J.E., Hu, E.L. Laterally oxidized long wavelength CW vertical-cavity lasers 85541
Margalit, N.M., Babic, D.I., Streubel, K., Mirin, R.P., Naone, R.L., Bowers, J.E., Hu, E.L. Submilliamp long wavelength vertical cavity lasers 107243
Margalit, N.M. *see* Babic, D.I. 65226
Margalit, N.M. *see* Babic, D.I. 85472
Margalit, N.M. *see* Babic, D.I. 107274
Margalit, N.M. *see* Blixt, P. 65364
Margalit, N.M. *see* Zhang, S.Z. 96406
Margara, L. *see* Manzini, G. 92367
Margaria, T. Fully automatic verification and error detection for parameterized iterative sequential circuits 73247
Margaria, T. *see* Steffen, B. 78147
Margaria, T. *see* Steffen, B. 98607
Margaris, N. *see* Mademlis, C. 71276
Margaritis, G. *see* Wun, K.L.B.W. 112939
Margaritondo, G. *see* Almeida, J. 94572
Margaritondo, G. *see* Almeida, J. 114815
Margaritondo, G. *see* Bouvet, D. 63170
Margaritondo, G. *see* Bouvet, D. 63291
Margaritondo, G. *see* Bulfone, D. 76053
Margaritondo, G. *see* Cricenti, A. 69371
Margaritondo, G. *see* Cricenti, A. 104125
Margaritondo, G. *see* Fanfoni, M. 105441
Margaritondo, G. *see* Walker, R.P. 96521
Margerie, J. *see* Konate, A. 65126
Margerum, J.D. *see* Lackner, A.M. 95878
Margerum, J.D. *see* Lackner, A.M. 106878
Margesin, B. *see* Lui, A. 119623
Margetic, S. *see* Hrabar, S. 79679
Marghitu, O. *see* Marghitu, S. 100763
Marghitu, S., Martin, D., Oproiu, C., Marghitu, O., Cramariuc, R. Computer aided simulations of high current small energy electron beam channels 100763
Margineda, J. *see* Munoz, J. 110347
Margiotta, A. *see* Barbarino, G.C. 80097
Margitan, J.J. *see* Froidevaux, L. 120781
Margittai, P. *see* Rahman, F. 66066
Margolies, J. *see* Budiarto, E. 64891
Margolies, J. *see* Budiarto, E. 116201
Margolin, B. Buffer amplifiers provide high current with controlled gain 104350
Margolin, B. Weighing A-D converter choices for embedded systems 104618
Margolin, R.A. *see* Ge, Y. 101185
Margottin-Maclou, M. *see* Henry, A. 96267
Marguin, O. *see* Bonnet, P. 117360
Margulies, A.S. *see* McAuliffe, D.J. 80716
Margulies, S., Chung, M. Development of a multichannel fiber-to-fiber connector for the D-Zero upgrade tracker 80000
Margulies, S. *see* Adams, M. 110591
Margulies, S. *see* Baumbaugh, B. 80030
Margulies, S. *see* Chung, M. 79999
Margulies, S. *see* Chung, M. 80031
Margulies, S. *see* Chung, M. 80031
Margulies-Eisner, T. *see* Nunez, G. 60453
Margulis, L. *see* Golan, Y. 62903
Margulis, W. *see* Ribeiro, R.M. 85025
Margull, U. *see* Eberle, W. 74128
Marhas, M.K., Balakrishnan, K., Ganesan, V., Srinivasan, R. A fully automated precise electrical resistance measurement system 99864
Marhauser, F. *see* Engels, O. 100746
Marhauser, F. *see* Schempp, A. 89704
Marheineke, B., Popp, M., Heinecke, H. Growth of GaInAs(P) using a multiwafer MOMBE 103860
Marhic, M.E., Kagi, N., Chiang, T.-K., Kazovsky, L.G. Broadband fiber optical parametric amplifiers 65441
Marhic, M.E., Kagi, N., Ting-Kuang Chiang, Kazovsky, L.G. Fiber-optical parametric amplifier with 35-nm bandwidth 75838
Marhic, M.E., Park, Y., Chiang, T.-K., Kazovsky, L.G. Tunable narrow bandpass filters with gain based on fiber optical parametric amplification 99602
Marhic, M.E., Park, Y., Chiang, T.-K., Kazovsky, L.G. Widely tunable spectrum translation and wavelength exchange by four-wave mixing in optical fibers 107553
Marhic, M.E., Park, Y., Yang, F.S., Kazovsky, L.G. Broadband fiber-optical parametric amplifiers and wavelength converters with low-ripple Chebyshev gain spectra 107611
Marhic, M.E. *see* Ting-Kuang Chiang 68401
Mari, A. *see* Borghetti, A. 90933
Mari, A. *see* Caldon, R. 102048
Mari, L. The meaning of "quantity" in measurement 109969
Mariage, P. *see* Vandamme, J. 85874
Mariam, F. *see* Lundgren, M. 69253
Marian, J. *see* Farret, F.A. 102740
Mariani, C. *see* Betti, M.G. 74466
Mariani, D. *see* Gaylor, R. 101509
Mariani, G. *see* Grob, A. 94660
Mariani, J. *see* Atal, B.S. 76869
Mariani, R., Deseilligny, M.P., Labiche, J., Lecourtier, Y. Geographic map understanding, attributes computation for hydrographic network 80609
Mariani, T., Frediani, C., Ascoli, C. Normal and lateral force images, sub-angstrom height resolution, and midlevel lateral resolution with a phonograph cartridge as scanning force sensor 69076
Marianneau, G. *see* Planat, M. 95331

Mariano, J.J., Rye, K.E. Palau Lightnet 2000: a telecommunications revolution in an emerging nation 88551
Mariatos, E.P., Birbas, M.K., Birbas, A.N., Petrellis, N. Object oriented prototyping at the system level: an image reconstruction application example 77457
Mariatos, E.P. *see* Petrellis, N.C. 98493
Mariaud, X. *see* Fabbrizio, V. 62116
Maric, S., Jin-Ghee Goh Multi-rate transmission in FH-CDMA systems: system design and performance analysis 108804
Maric, S.V., Kolarov, A. Threshold based admission policies for multi-rate services in the DECT system 99180
Maric, S.V., Moreno, O., Corrada, C.J. Multimedia transmission in fiber-optic LANs using optical CDMA 119187
Maricevic, Z.A. *see* Sarkar, T.K. 83311
Marichal, X., De Vleeschouwer, C., Delmot, T., Macq, B. Object based coding through multigrid representation 86314
Marichev, V.N. *see* Zuev, V.V. 120774
Marichev, V.N. *see* Zuev, V.V. 120775
Mariconda, A. *see* Passeri, P. 98922
Marie, P., Levalois, M., Paumier, E. Swift-heavy-ion induced damage in germanium: an evaluation of defect introduction rates 74095
Marieb, T.N. *see* Besser, P.R. 84223
Marien, M. New communications technology: a survey of impacts and issues 98542
Marienborg, J.-T., Lande, T.S., Hovin, M., Abusland, A. Neuromorphic analog communication 104756
Marienko, V. *see* Kolisnychenko, B. 96860
Marienko, V. *see* Savenkov, S. 79015
Marietta, M. *see* Holland, R.G. 78977
Mariette, H., Brinkmann, D., Fishman, G., Gourgon, C., Dang, L.S., Loeffler, A. CdTe quantum wires achieved by strain-induced lateral confinement 72771
Mariette, H. *see* Merle D'Aubigne, Y. 62859
Marigo, S. *see* De Riva, A.M. 96579
Marijnissen, J.P.A., Star, W.M. Calibration of isotropic light dosimetry probes based on scattering bulbs in clear media 90655
Marijnissen, J.P.A. *see* Murrer, L.H.P. 80450
Marijnissen, J.P.A. *see* van Geel, I.P.J. 80471
Marillier, F. *see* Han-Joon Kim 111157
Marin, A. *see* Ayllon, F.G. 87482
Marin, A. *see* Breuer, P.T. 113826
Marin, A. *see* Gonzalez, L. 113134
Marin, B. *see* Pirs, J. 75612
Mar'in, B.V. *see* Kerkow, H. 90184
Marin, C. *see* Dutta, P.S. 62737
Marin, E., Camps, I., Sanchez, M., Diaz, P. Thermal resistance of double heterostructure separate confinement GaAs/AlGaAs semiconductor lasers in stripe geometry configuration 76008
Marin, E. *see* Cruz-Orea, A. 83810
Marin, F., Bramati, A., Giacobino, E., Zhang, T.-C., Poizat, J.-Ph., Roch, J.-F., Grangier, P. Squeezing and inter-mode correlations in laser diodes 96321
Marin, G. Air navigation safety and regulations 101495
Marin, G. *see* Mihailescu, I.N. 82761
Marin, S.N. *see* Arinkin, F.M. 111060
Marin, X. *see* Velasco, A.J. 74835
Marinai, S. *see* Cesarini, F. 67487
Marincic, A. *see* Mladenovic, M. 71901
Marine, W. *see* Le, H.C. 92832
Marine, W. *see* Movtchan, I.A. 94625
Marinelli, M. *see* Pullara, A. 88239
Marinelli, M. *see* Wright, O.B. 83875
Marinenko, R.B., Bright, D.S., Bernik, S. Multiphase analysis of Bi-Sr-Ca-Cu-O high Tc superconductors with X-ray compositional mapping 119939
Marinero, E.E. *see* Ayres, A.M. 75174
Marinescu, D.C. *see* Costian, C.R. 61131
Marinescu, I., Badic, M., Marinescu, M.J. Some precision regarding the inductance [in circuit analysis] 73006
Marinescu, I. *see* Badic, M. 78332
Marinescu, M. *see* Badic, M. 78332
Marinescu, M.J. *see* Marinescu, I. 73006
Marinescu, N. Wave-function method used to study the Bethe coupler 116972
Marinescu, R. *see* Miron, D. 71918
Marinescu, S.-C. *see* Chiriac, H. 115558
Maring, D.B., Tavlykaev, R.F., Ramaswamy, R.V. Anomalies of refractive-index profiles observed directly in annealed proton-exchanged, X-cut LiTaO$_3$ waveguides 95793
Marinha, M.D.S. *see* Tsui, K.H. 75786
Marini, L.D. *see* Brezzi, F. 65669
Marini, M. *see* Catelani, M. 113697
Marini, S. *see* Corti, M. 84770
Marinier, P., Delisle, G.Y., Talbi, L. A coverage prediction technique for indoor wireless millimeter wave system 118783
Marinilli, A. *see* Russell, M. 83367
Marinis, M.De *see* De Marinis, M.
Marino, F. Multi channel shared-memory device for parallel processing 77520
Marino, F., Mastronardi, C. A robust algorithm for the digital stereo matching 117863
Marino, I.P. *see* Munuzuri, A.P. 120469
Marino, J. *see* Merayo, L.A. 108922
Marino, N. *see* Reitano, R. 94785
Marino, P., Mungiguerra, V., Russo, F., Vasca, F. Parameter and state estimation for induction motors via interlaced least squares algorithm and Kalman filter 121484
Marino, P. *see* Busco, B. 122028
Marino, R., Peresada, S., Tomei, P. Output feedback control of current-fed induction motors with unknown rotor resistance 81456
Marino, R., Peresada, S., Tomei, P. Adaptive observer-based control of induction motors with unknown rotor resistance 102679
Marino, S.A. *see* Klemic, G.A. 101463
Marinopoulou, A. *see* Pratt, A.R. 62914
Marinov, C.A., Shivakumar, P.N. Delay time bounds for RC ladder networks 82898
Marinov, C.A. *see* Shivakumar, P.N. 61709
Marinova, T., Krastev, V., Hallin, C., Yakimova, R., Janzen, E. Interface chemistry and electric characterisation of nickel metallisation on 6H-SiC 83970
Marinova, T. *see* Dimova-Malinovska, D. 94787
Marinova, T. *see* Krastev, V. 94327
Marinova, Ts. *see* Dimova-Malinovska, D. 94307
Marinova, Ts. *see* Hallin, C. 105477
Marinova, Ts. *see* Tzenov, N. 94714
Marinsek, M. *see* Macek, J. 81738
Marinsek, M. *see* Macek, J. 104181
Marinsek, M. *see* Novosel, B. 72975
Marioli, D. *see* Ferrari, V. 89005
Marion, D., Cluzel, J., Mongellaz, F., Rambaud, P., Ravetto, M. 256×256 (3-5) μm focal plane array at 77 K operation 69310
Marion, D.W. *see* Mingui Sun 80180
Marion, J.E. *see* Campbell, J.H. 85555
Mariotte, F., Tretyakov, S.A., Sauviac, B. Modeling effective properties of chiral composites 76394
Mariotte, F. *see* Tretyakov, S.A. 85951
Mariotti, C. *see* Borisov, G. 69841
Mariotti, C. *see* Chochula, P. 110611
Mariotti, E. *see* Calabrese, R. 79834
Mariotti, E. *see* Calabrese, R. 79835
Mariotti, E. *see* Calabrese, R. 100517
Maripov, A., Shamshiev, T. Rainbow holography and holographic real time interferometry 85765
Mariscotti, A. *see* Cosulich, G. 91672
Mariscotti, A. *see* Cosulich, G. 91904
Maritsas, D.G. *see* Papadimitriou, G.I. 67776
Maritsas, D.G. *see* Papadimitriou, G.I. 78087
Maritsas, D.G. *see* Papadimitriou, G.I. 109046
Maritz, E.J., Perold, W.J. The vortex flow transistor: a superconducting three terminal device using Josephson junctions 115952
Mariucci, L., Sinno, G., Minarini, C., Mittiga, A. Density of states and photoconductivity light degradation in a-Si:H at different temperatures 94403
Mariuz, S. Image processing applied to the scanner laser ophthalmoscope 101054
Mark, B.L., Ramamurthy, G. UPC based traffic descriptors for ATM: How to determine, interpret and use them 77710
Mark, B.L., Ramamurthy, G. Real-time estimation of UPC parameters for arbitrary traffic sources in ATM networks 87316
Mark, J.W., Ren, J.-F. A traffic management framework for ATM networks 108944
Mark, J.W. *see* Guo-Liang Wu 77633
Mark, J.W. *see* Vishnu, M. 87337
Mark, K.E., Miller, M.I., Grenander, U. Markov random field models for natural language 66575
Mark, M.B. *see* Jacob, D.K. 88718
Mark, M.B. *see* Masters, L.T. 88717
Mark, P. *see* Quandt, E. 104982
Mark Liao Hong-Yuan *see* Hong-Yuan Mark Liao
Marka, S. *see* Collier, J.L. 110044
Markandey, V., Clatanoff, T., Pettitt, G. Video processing for DLP display systems 69386
Markandey, V., Reid, A., Shenq Wang Motion estimation for moving target detection 87188
Markandey, V. *see* Fritsche, D. 87565
Markandey, V. *see* Gove, R.J. 69424
Markarian, G., Honary, B. The Nordstrom Robinson code is a (8,4) GAC over Z_4 76734
Markarian, G., Honary, B., King, D., Kissaka, M. Integrated circuit design and implementation for a new optimum Manchester decoder 76770
Markarian, G. *see* Honary, B. 76814
Markarian, G. *see* Honary, B. 117222
Markathos, S. *see* Olsen, B.T. 78788
Markatos, E.P. Main memory caching of Web documents 77956
Markatos, S. *see* Olsen, B.T. 98910
Markel, P.R. *see* Simeonidou, D. 78682
Markelov, V.P. *see* Bikmatov, R.R. 79245
Markelz, A.G., Gwinn, E.G. Nonlinear response of quantum-confined electrons in nonparabolic subbands 96731
Markert, W. *see* Ploetner, C. 91648
Markevich, M.I. *see* Anishchik, V.M. 113409
Markgraf, S., Glassmeier, K.-H., Musmann, G. Some methods for magnetometer zero-level determination 70458
Markgraf, S.A. *see* Mass, J.L. 113281
Markham, B.L., Barker, J.L., Boncyk, W.C., Kaita, E., Helder, D.L. Landsat-7 Enhanced Thematic Mapper Plus in-flight radiometric calibration 120721
Markham, B.L. *see* Boncyk, W.C. 120720
Markham, B.L. *see* Helder, D. 120722
Markham, B.L. *see* Loechel, S.E. 120897
Markham, G. *see* Deis, G. 106719
Markham, J.R., Cosgrove, J.E., Smith, W.W., Best, P.E. Vehicle-mounted nephelometer for use in desert environments 70619
Markham, P.L. *see* Koskinen, P.S. 79187
Markhauser, C.P. A cost effective software for TV engineers, based on a block diagram simulation language 109877
Markhauser, C.P., Yong, A. Application of a new OLS learning algorithm for video ghost cancellation 98337
Markiewicz, A. The role of post-irradiation oxidation on charge transport and trapping in low density polyethylene 64135
Markiewicz, T. *see* Raubenheimer, T. 89588
Markiewicz, T.W. Experimentation at e^-e^- linear colliders 69595
Markiewicz, W.D., Dixon, I.R., Eyssa, Y.M., Schwartz, J., Swenson, C.A., Van Sciver, S., Schneider-Muntau, H.J. 25 T high resolution NMR magnet program and technology 95537
Markiewicz, W.D. *see* Cox, A.W. 95586
Markiewicz, W.D. *see* Dixon, I.R. 95570
Markiewicz, W.D. *see* Swenson, C.A. 95548
Markiewicz, W.D. *see* Vaghar, M.R. 95607
Markiewicz, W.Denis *see* Denis Markiewicz, W.
Markin, A.S. *see* Karpov, O.V. 89208
Markin, P.E. *see* Abadia, C. 75139
Markin, Yu.V. *see* Dmitriev, S.G. 94622
Markina, N.N., Naumov, A.P., Troitskii, A.V. Methodology of radiometric sensing of low-concentration gas components and ozone in the lower layers of the atmosphere 101573
Markivskii, I.O. An interactive algorithm for approximating a speech signal as a sum of finite functions 97647
Markkula, E. Power control and plant management 102442
Markley, A.W., Feldman, C. Decommissioning of nuclear power reactors–proposed rule 81238
Markley, F. *see* Zalyubovskii, I.I. 69797
Markman, S. *see* Buehler, K. 120936
Markmann, G. *see* Gockel, N. 92500
Marko, P. *see* Solyom, A. 106621
Marko, P.J. *see* Conrad, J.R. 63249
Markou, A. *see* Adam, W. 69709
Markov, A.N. Simple model for CCD yield 95209
Markov, G.A., Umnov, A.L. Experimental investigation of plasma-field co-localization at an antenna operating in the corona formation mode 76614
Markov, K.G. *see* Zubov, P.T. 70172
Markov, L.A. *see* Baryshnikov, F.F. 116578
Markov, S., Popova, E., Schneider, U., Schulze, J. On linear interpolation under interval data 113215
Markov, V. *see* Bulyak, E. 80149
Markov, V.A. *see* Yakimov, A.I. 63056
Markov, V.B. Display and applied holography in museum practice 76301
Markov, V.B., Khizhnyak, A.I. Spectral-angular selectivity of reflection holograms 85728
Markov, V.B., Khizhnyak, A.I. Selective characteristics of single layer color holograms 96796
Markov, V.B., Khizhnyak, A.I., Boone, P.M., Vanspeybroeck, P. Holographic interferometry for polymer pipes vibration analysis 96788
Markov, V.B., Mejia, Y., Castaneda, R. Correlation analysis of pseudo-identical structures for pattern recognition 66879
Markov, V.I. *see* Vasil'ev, M.B. 101458
Markov, V.I. *see* Vasil'ev, M.B. 101459
Markova, A. Some remarks on the pseudo-linear algebra 60983
Markova, E. *see* Gribin, S. 107675
Markova, E.V. *see* Levin, S.F. 68984
Markova, L.V. *see* Luginets, A.M. 72747
Markova, N.V. *see* Bezotosnyi, V.V. 116543
Markovic, A. *see* Bulatovic, S. 111485
Markovic, D. Contribution to renovation planning of high parameter pipelines in thermal power plants 81310
Markovic, M., Hollung, S., Popovic, Z.B. Quasi-optical phase modulators 93784
Markovic, M. *see* Hollung, S. 62193
Markovic, M. *see* Mader, T. 99198
Markovic, M. *see* Popovic, Z. 88106
Markovic, R. *see* Skala, K. 79149
Markovsky, B. *see* Aurbach, D. 81660
Markovsky, P. *see* Boev, V. 114660
Markovsky, P. *see* Zlatanova, K. 75400
Markowski, E. *see* Michalski, M. 91370
Markowski, M.J., Sethi, A.S. Evaluation of wireless soft real-time protocols 87753
Marks, B. *see* Larimer, J. 100197
Marks, D.G., Barber, H.B., Barrett, H.H., Dereniak, E.L., Eskin, J.D., Matherson, K.J., Woolfenden, J.M., Young, E.T., Augustine, F.L., Hamilton, W.J., Venzon, J.E., Apotovsky, B.A., Doty, F.P. A 48×48 CdZnTe array with multiplexer readout 80353
Marks, D.G., Barber, H.B., Barrett, H.H., Dereniak, E.L., Eskin, J.D., Matherson, K.J., Woolfenden, J.M., Young, E.T., Augustine, F.L., Hamiltons, W.J., Venzon, J.E., Apotovsky, B.A., Dotys, F.P. A 48×48 CdZnTe array with multiplexer readout 101240
Marks, D.G. *see* Barber, H.B. 101212
Marks, D.R. *see* Mandeville, R. 68018
Marks, F.D., Jr. *see* Gamache, J.F. 90774
Marks, J. *see* Fukunaga, A. 67114
Marks, M.P., De Crespigny, A., Lentz, D., Enzmann, D.R., Albers, G.W., Moseley, M.E.

Acute and chronic stroke: navigated spin-echo diffusion-weighted MR imaging 90325
Marks, M.P. *see* Levy, R.P. 110882
Marks, R.B., Jargon, J.A., Pao, C.K., Wen, C.P. Electrical measurements of microwave flip-chip interconnections 83510
Marks, R.B., Williams, D.F. Electrical characterization methods for high-speed interconnections 92213
Marks, R.F. *see* Farrow, R.F.C. 106576
Marks, R.F. *see* Harp, G.R. 84781
Marks, R.J., II *see* Streifel, R.J. 81391
Marks, R.N. *see* Cacialli, F. 75759
Marks, R.N. *see* Sberveglieri, G. 69370
Marks, S. Magnetic design of trim excitations for the Advanced Light Source storage ring sextupole 90039
Marks, S., Akre, J., Hoyer, E., Humphries, D., Jackson, T., Minimihara, Y., Pipersky, P., Plate, D., Schlueter, R. Magnetic design of the Advanced Light Source elliptical wiggler 100441
Marks, S. *see* Hoyer, E. 100455
Marks, S. *see* Humphries, D. 100456
Marks, S. *see* Schlueter, R.D. 90062
Marks, S. *see* Schlueter, R.D. 95381
Markson, T. *see* Caronni, G. 118495
Markstein, H.W. Cooling electronic equipment enclosures 82251
Markstein, H.W. Cold plate heat sinking for PCBs 103453
Markstrom, K.-A. *see* Malaga, A. 99151
Markus, D.T., Lee, T.S. A method of direct corona imaging on a dielectric transparency 95260
Markus, D.T. *see* Lee, T.S. 95247
Markus, H.A.W., Kleinpenning, T.G.M. Low-frequency noise in polysilicon emitter bipolar transistors 63591
Markus, K.W., Dhuler, V., Mahadevan, R., Cowen, A., Shishkoff, A. Integration of MUMPs and electronics for system prototyping 106286
Markus, K.W., Koester, D.A., Cowen, A., Mahadevan, R., Dhuler, V.R., Roberson, D., Smith, L. MEMS infrastructure: The multi-user MEMS processes (MUMPs) 74872
Markus, K.W., McCormick, R.I. The HI-MEMS Alliance: Electrochemical microfabrication manufacturing technology for MEMS 63993
Markus, K.W. *see* Dhuler, V. 106288
Markus, T. *see* Schlueter, N. 120796
Markush, J.P.C. *see* Grimes, G.J. 116290
Markvart, T. Relationship between dark carrier distribution and photogenerated carrier collection in solar cells 71714
Markwitz, A. *see* Paloura, E.C. 105497
Marlevi, A. *see* Liu, G.Y. 88317
Marlevi, A. *see* Liu, G.Y. 118872
Marlow, A.T. Battery disposal–the duty of care 81730
Marlow, D. *see* Aronstein, D. 69717
Marlow, D. *see* Kichimi, H. 69718
Marlow, D. *see* Lu, C. 69716
Marlow, D.R. *see* Lu, C. 69720
Marlow, N.A. *see* Baxter, L.A. 113044
Marlowe, T.J. *see* Younis, M.F. 66890
Marlpov, A. New developments in rainbow holography 85764
Marmo, J. Hyperspectral imager will view many colors of earth 111342
Marmo, J. *see* Willoughby, C.T. 89146
Marmo, P. *see* Amendola, A.M. 113984
Marmorino, J.L. *see* DeFotis, G.C. 64242
Marmouget, J.G. *see* Guimbal, P. 96547
Marnane, W.P. *see* Evans, M.A. 73436
Marneris, I., Bonati, R., Geller, J., Sandberg, J.N., Soukas, A. The active filter voltage ripple correction system of the Brookhaven AGS Main Magnet Power Supply 102851
Marneris, I. *see* Sandberg, J.N. 100735
Marney-Petix, V.C. Hybrid sync/async distance learning options at the University of California Santa Cruz extension and Marpet University 87576
Maroaby, E. *see* Ongareau, E. 66070
Marocchi, J.A. *see* Husain, S.S. 109458
Marode, E. *see* Spiliopoulos, I. 81609
Maroli, C., Petrillo, V., Bonifacio, R. Plasma-based inverse free-electron laser for high-gradient acceleration of electrons 69597
Maroli, C., Petrillo, V., Giallombardo, F. Axial dynamics of the electron beam in the plasma beat-wave accelerator 79830
Marom, E., Inbar, H. New interpretations of Wiener filters for image recognition 98019
Maron, G. *see* Bedin, R. 100983
Maron, G. *see* Ero, J. 100948
Maron, Y. *see* Bailey, J.E. 69615
Marone, A. *see* Morgillo, A. 100448
Marone, G. Comparison between WDM and TDM techniques 99520
Marone, M. *see* Fan Xiaobo 110117
Marongio, I. *see* Attaianese, C. 81487
Marongiu, I. *see* Attaianese, C. 71608
Marongiu, I. *see* Attaianese, C. 71784
Marongiu, I. *see* Attaianese, C. 91800
Marongiu, I. *see* Attaianese, C. 91809
Maroni, V.A. *see* Tetenbaum, M. 75310
Maroulis, P. *see* Langan, J. 82352
Maroulis, Z.B. *see* Prokopakis, G.J. 80806
Marpinard, J.C. *see* Biel, D. 121660
Marple, L. Exploding the Nyquist barrier misconception 108307
Marple, S. *see* Honary, B. 117222
Marple, S.R., Quirke, T., Honary, B., Darnell, M. Sequence-segment keying and its application to CDMA 87368
Marple-Horvat, D.E., Gilbey, S.L., Hollands, M.A. A method for automatic identification of saccades from eye movement recordings 110664
Marples, D., Tsang, S., Magill, E.H., Smith, D.G. A platform for modelling feature interaction detection and resolution techniques 67893
Marquardt, J., Wendel, R. Modal analysis of a ridged circular waveguide 93657
Marquardt, J., Wendel, R. Computer aided design of E-plane finned round waveguide cut-off-filter 104803
Marquardt, J. *see* Geck, B. 69004
Marquardt, J. *see* Hollberg, L. 65593
Marquardt, J. *see* Schneider, M. 76537
Marquardt, R.R., Collins, D.A., Liu, Y.X., Ting, D.Z.-Y., McGill, T.C. Resonant magnetotunneling spectroscopy of p-type-well interband tunneling diodes 74683
Marquardt, W. *see* Kroner, A. 113255
Marquart, B., Nerius, K. SEM packaging of advanced modular avionics 70386
Marques, A., Sebastian, A. Integration and automation: key issues in public transport fleets maintenance 91839
Marques, A. *see* Vale, Z.A. 101850
Marques, A. *see* Vale, Z.A. 101859
Marques, F. *see* Morros, J.R. 86533
Marques, F.M. *see* Matulewicz, T. 110596
Marques, G., Almeida, L.B. An objective function for independence 108338
Marques, G.D., Verdelho, P. Control of a slip power recovery system with a DC voltage intermediate circuit 121493
Marques, G.E. *see* Farinas, P.F. 74390
Marques, J.R. *see* Amiranoff, F. 79838
Marques, J.S. *see* Abrantes, A.J. 117844
Marques, M.A., Frere, A.F., de Oliveira, H.J.Q., Schiabel, H., Marques, P.M.A., Ferrari, R.J., Pereira, A.S. Computerized simulation X-ray focus appraisement 101142
Marques, M.A. *see* Pereira, A.S. 101140
Marques, P.M.A. *see* Marques, M.A. 101142
Marques, P.M.A. *see* Pereira, A.S. 101140
Marques, R. *see* Mesa, F. 107983
Marques Cardoso, A.J., Mendes, A.M.S. Semi-converter fault diagnosis in DC motor drives, by Park's vector approach 121990
Marquet, A. *see* Gagnol, P. 102336
Marquez, D. *see* Fawcett, B. 113856
Marquez, E. *see* Fernandez-Pena, J. 74288
Marquez, F. *see* Aparisi, A. 62763
Marquez, J. *see* Aguilar, J.D. 122073
Marquezini, M.V., Brasil, M.J.S.P., Brum, J.A., Poole, P., Charbonneau, S., Tamargo, M.C. Study of temperature-dependent exciton dynamics in a single quantum well with self-assembled islands 105428
Marquezini, M.V. *see* Bar-Ad, S. 114647
Marquina, C. *see* Abadia, C. 75139
Marquina, C. *see* Aigarabel, P.A. 64247
Marquis, A. *see* Rodriguez-Mateos, F. 90047
Marquis, D., Barry, R.A., Finn, S.G., Parikh, S.A., Swanson, E.A., Thomas, R.E. Resource allocation in circuit-switched all-optical networks 98638
Marquis, D. *see* Hemenway, B.R. 68523
Marquis, D. *see* Kaminow, I.P. 77942
Marquis, D.A. *see* Noonan, J.P. 97767
Marquis, D.A. *see* Noonan, J.P. 108327
Marr, J. *see* Thompson, C. 112794
Marra, J. *see* Volynsky, V.A. 111241
Marrakchi, A. *see* Petersen, P.M. 116004
Marrero, J. Improving cross regulation of multiple output flyback converters 91622
Marrero, J.L.R., Font, J.M., Verghese, G.C. Analysis of the chaotic regime for DC-DC converters under current-mode control 121693
Marriage, A.J. *see* Murfett, D.B. 74869
Marrian, C. *see* Waytena, G.L. 94822
Marrian, C.R.K., Chang, S., Peckerar, M.C. Proximity correction for electron beam lithography 115108
Marrian, C.R.K., Snow, E.S. Proximal probe lithography and surface modification 115096
Marriner, J. *see* Assadi, S. 89863
Marriner, J. *see* Holmes, S.D. 79938
Marriner, J. *see* Junck, K. 89862
Marrocco, G. *see* Buccioni, P. 97197
Marron, J.C., Tai, A.M. Passive Synthetic Aperture Imaging 79537
Marron, J.S. *see* Jones, M.C. 103598
Marrone, M.J. *see* Kersey, A.D. 79509
Marrone, M.J. *see* Kersey, A.D. 89124
Marroquin, J.L. *see* Cuevas, F.J. 119863
Marrs, R. Trends in IC packaging 112945
Marrs, R., Molnar, R., Lynch, B., Mescher, P., Olachea, G. An enhanced performance low cost BGA package 92226
Marrs, R.C. *see* Lall, B.S. 103446
Mars, D.E. *see* Babic, D.I. 107274
Mars, D.E. *see* Margalit, N.M. 85503
Mars, D.E. *see* Margalit, N.M. 85541
Mars, J. *see* Thirion, N. 120704
Mars, P. Some aspects of simulation in telecommunication networks 77853
Mars, P. *see* Fan, Z. 98369
Mars, P. *see* Fan, Z. 108776
Mars, P. *see* Zhong Fan 108782
Mars, P. *see* Zhong Fan 118016
Marsal, L.F., Pallares, J., Correig, X., Calderer, J., Alcubilla, R. Electrical characterization of n-amorphous/p-crystalline silicon heterojunctions 74332
Marsal, L.F., Pallares, J., Correig, X., Calderer, J., Alcubilla, R. Electrical model for amorphous/crystalline heterojunction silicon diodes (n a-Si:H/p c-Si) 105839
Marsan, M.A., Bianco, A., Leonardi, E., Meo, M., Neri, F. MAC protocols and fairness control in WDM multirings with tunable transmitters and fixed receivers 78907
Marsan, M.A., Bianco, A., Leonardi, E., Neri, F. Access protocols for photonic WDM multi-rings with tunable transmitters and fixed receivers 98640
Marsan, M.A., Do, T.V., Jereb, L., Cigno, R.L., Pasquali, R., Tonietti, A. Simulation of traffic shaping algorithms in ATM networks 117995
Marsan, M.Ajmone *see* Ajmone Marsan, M.
Marschall, E. *see* Maddren, J. 60645
Marschan, R. New structural forms in multinationals: decentralization at the expense of personal communication networks? 72184
Marschner, F.E. *see* Caporossi, D. 73206
Marschner, T., Lutgen, S., Volk, M., Stolz, W., Gobel, E.O. Investigations of the structural stability of highly strained [(Al)GaIn]As/Ga(PAs) multiple quantum wells 114759
Marschner, T., Tapfer, L., Jin-Phillipp, N.Y., Phillipp, F., Lutgen, S., Volk, M., Stolz, W., Gobel, E.O. Strain induced self organized growth of lateral periodic strained layer superlattices on off-oriented substrates by metalorganic vapour phase epitaxy 61299
Marschner, T. *see* Bastian, G. 83940
Marschner, T. *see* Volk, M. 63043
Marschner, T. *see* Wehner, M.U. 65494
Marschner, T. *see* Zimmermann, G. 61223
Marsden, P.K., Buchanan, M., Mielke, C.H., Garlick, P.B. A system to obtain radiotracer uptake data simultaneously with NMR spectra in a high field magnet 101332
Marsden, P.K. *see* Badawi, R.D. 110686
Marsden, P.K. *see* Buchanan, M. 90364
Marsden, R. *see* Bachus, E.-J. 78914
Marsden, R.P. *see* Oliphant, A. 119367
Marseguerra, M., Zio, E. Monte Carlo approach to PSA for dynamic process systems 72200
Marsella, M. *see* Petrosino, A. 117871
Marsh, A., Kaklamani, D.I. A benchmark comparison for suitable HPC platforms to solve electrically large planar conducting structures via a parallel method of moments technique 85853
Marsh, A., Michael, C., Maniatis, Th., Nikita, K.S. EUROMED–visualisation suites for medical imaging 120377
Marsh, A. *see* Kaklamani, D.I. 116856
Marsh, A.J. *see* Nikita, K.S. 90489
Marsh, A.M. *see* Williams, D.A. 105258
Marsh, D.J. Wide area data radio systems considerations 88078
Marsh, J., McCaskill, J. The TM-66 swiFFT DSP chip: architecture, algorithms and applications 114001
Marsh, J. *see* D'Auria, S. 116112
Marsh, J.H., Avrutin, E.A., Thayne, I.G., Portnoi, E.L. Integrated optoelectronic mm-wave frequency converters for communications and atmospheric diagnostic applications 73689
Marsh, J.H. *see* Hamilton, C.J. 74387
Marsh, J.H. *see* Ooi, B.S. 95777
Marsh, J.H. *see* Ooi, B.S. 114852
Marsh, J.H. *see* Roberts, J.S. 96281
Marsh, J.H. *see* Street, M.W. 116566
Marsh, J.L. *see* Christensen, G.E. 110756
Marsh, K.A. *see* Clayton, C.E. 90239
Marsh, K.A. *see* Modena, A. 79768
Marsh, P., Hong, K., Pavlidis, D. InGaAs-based MM-wave integrated subharmonic mixer exhibiting low input power requirement and low noise characteristics 93935
Marsh, S.P. *see* Bartolucci, G. 114315
Marsh, W. *see* Sidhu, T.S. 102229
Marsh, W. *see* Strack, D. 84215
Marshak, A.H. On the definition of voltage and the relationship between internal and external voltages of a semiconductor device 63538
Marshak, M. *see* Wu, J. 110619
Marshall, A., Devore, J. Power IC with EEPROM programmable switch mode regulators 104314
Marshall, A.D., Roberts, D.R. Automatically planning the inspection of three-dimensional objects using stereo computer vision 72326
Marshall, C. *see* Butler, N. 69300
Marshall, C. *see* Carr, K.F. 112378
Marshall, C.D., Payne, S.A., Emanuel, M.E., Smith, L.K., Powell, H.T., Krupke, W.F. Diode-pumped solid-state laser driver experiments for inertial fusion energy applications 85427
Marshall, C.D., Speth, J.A., DeLoach, L.D., Payne, S.A. Neutron and gamma irradiated optical property changes for the final optics of the National Ignition Facility 85246
Marshall, C.D. *see* Bayramian, A.J. 96193
Marshall, D. *see* Bayer, W. 81007

Marshall, G., Collins, S. An analogue radial basis function circuit incorporating floating-gate devices 104766
Marshall, G.J. *see* Korn, J. 60505
Marshall, G.M. *see* Agnello, M. 110583
Marshall, I. Optical design of a wide angle simulator probe 120603
Marshall, I., Wardlaw, J., Cannon, J., Slattery, J., Sellar, R.J. Reproducibility of metabolite peak areas in ^{1}H MRS of brain 80282
Marshall, J.M. *see* Bartlett, I.D. 95630
Marshall, J.M. *see* El-Kader, K.M.A. 94319
Marshall, J.M. *see* Lau, S.P. 94447
Marshall, J.M. *see* Salih, A.J. 113462
Marshall, L.G. An analysis procedure for room acoustics and sound amplification systems based on the early-to-late sound energy ratio 79194
Marshall, L.R. Eye doctors look to diode-pumped lasers 90572
Marshall, M.S. Particle recognition using circular harmonic filters and a computer-generated holographic wedge detector 67389
Marshall, M.W. What makes a power line vulnerable to lightning? 91194
Marshall, M.W., Angeli, B.P. Establishing a lightning protection evaluation program for distribution and subtransmission lines 70975
Marshall, N.W., Faulkner, K., Warren, H. Measured scattered X-ray energy spectra for simulated irradiation geometries in diagnostic radiology 90485
Marshall, P. The international broadcasters tape numbering (IBTN) scheme 68840
Marshall, P. *see* LaBel, K. 70337
Marshall, P.J., Sowerby, K.W., Shafi, M. On spectrum sharing between mobile radio systems and fixed services 78560
Marshall, P.J., Sowerby, K.W., Shafi, M. The feasibility of spectrum sharing between DS-CDMA mobile radio systems and microwave point-to-point links 118901
Marshall, P.W., Dale, C.J., LaBel, K.A. Space radiation effects in high performance fiber optic data links for satellite data management 68378
Marshall, P.W., Dale, C.J., LaBel, K.A., Flanegan, M.C. Space radiation effects in high performance fiber optic data links for satellite data management 88410
Marshall, P.W. *see* Dale, C.J. 80562
Marshall, P.W. *see* Dale, C.J. 109693
Marshall, P.W. *see* Hopkinson, G.R. 69257
Marshall, P.W. *see* LaBel, K.A. 80570
Marshall, P.W. *see* LaBel, K.A. 106222
Marshall, P.W. *see* McMorrow, D. 74743
Marshall, P.W. *see* McMorrow, D. 106046
Marshall, R. *see* Szymanski, J.J. 110589
Marshall, R.E., Myers, T.J. Wingtip generated wake vortices as radar targets 109775
Marshall, R.H., Ning, Y.N., Jiang, X.Q., Palmer, A.W., Meggitt, B.T., Grattan, K.T.V. A novel white-light interferometer using an electronically-scanned Mach-Zehnder interferometer 79485
Marshall, S. Representing posets with k-tournaments 103638
Marshall, S.W. *see* Gove, R.J. 69424
Marshall, T., Pashley, M.D., Sicignano, A., Zhao, L. Electrical characterization of p-type Zn(Se,Te):N semiconductor layers 92746
Marshall, T. *see* Baude, P.F. 65244
Marshall, T. *see* Buijs, M. 85513
Marshall, T. *see* Petruzzello, J. 75945
Marshall, T.C. *see* Liu, Y.H. 107390
Marshall, T.C. *see* Zhang, T.B. 107378
Marshall, T.C. *see* Zhang, T.B. 110478
Marshall, T.C. *see* Zhang, T.B. 110515
Marshall, T.G., Jr *see* Van Dyck, R.E. 117587
Marshall, W.K., Paslaski, J., Yariv, A. Reduction of relative intensity noise of the output field of semiconductor lasers due to propagation in dispersive optical fiber 65178
Marshall, W.K., Paslaski, J., Yariv, A. Effect on the semiconductor laser intensity noise spectrum of propagation in dispersive optical fiber 119254
Marsi, M. *see* Couprie, M.E. 107397
Marsi, M. *see* Hara, T. 76048
Marsi, S., Carrato, S., Ramponi, G. VLSI implementation of a nonlinear image interpolation filter 104703
Marsico, K. Call centers: today's new profit centers 77903
Marsili, L. *see* Barbarossa, S. 68563
Marsland, J.S. *see* Yildirim, T. 104760
Marsland, J.S. *see* Yuan, X.-J. 84026
Marsland, R. *see* Nagarajan, R. 78835
Marsland, R. *see* Nagarajan, R. 88570
Marsland, R. *see* Nagarajan, R. 109607
Marso, M. *see* Horstmann, M. 89103
Marso, M. *see* Horstmann, M. 96068
Marso, M. *see* Horstmann, M. 100034
Marso, M. *see* Horstmann, M. 100045
Marso, M. *see* Schimpf, K. 104836
Marta, Cs. *see* Szekely, V. 115338
Marta, T. *see* Bristow, J. 85340
Marta, T. *see* Wong, Y.M. 119220
Martchenko, B.G. *see* Malyarenko, A.P. 76921
Marteau, F. *see* Marcouille, O. 96567
Marteeny, M. *see* Oehlberg, R.N. 71047
Martel, C. *see* Matthews, J. 78005
Martel, C.U., Moh, W.M., Teng-Sheng Moh Dynamic prioritized conflict resolution on multiple access broadcast networks 118068
Martel, D. *see* Wu, J. 110619
Martel, K. *see* Verbeni, R. 110628
Martel, R. *see* Sandstrom, R.L. 114941
Martelet, C. *see* Baccar, Z.M. 63236
Martelet, C. *see* Poyard, S. 119748
Martell, S.R. *see* Semmens, J.E. 94125
Martell, S.R. *see* Semmens, J.E. 94843
Martell, S.R. *see* Semmens, J.E. 103465
Martelli, E. *see* Moglie, F. 85917
Martelli, F. *see* Autiero, D. 69815
Martelli, F. *see* D'Ottavi, A. 85705
Martelli, F. *see* Mecozzi, A. 96679
Martelli, S. *see* Ascarelli, P. 72919
Martelli, S. *see* Chiussi, S. 113322
Martello, S. *see* Dell'Amico, M. 67531
Martellotti, G., Annis, P., Brunner, J., Buontempo, S., de Jong, M., Depedis, D., Erditato, A., Fabre, J.P., Frekers, D., Frenkel, A., Galeazzi, F., Garufi, F., Golovkin, S., Gorin, A., Gregoire, G., Gruwe, M., Harrison, K., Hoepfner, K., Konijn, J., Kozarenko, E., Kreslo, I., Medvedkov, A., Michel, L., Mommaert, C., Mondardini, M.R., Panman, J., Penso, G., Petukhov, Y., Riccardi, F., Siegmund, W.P., Strack, R., Tyukov, V., Vasil'chenko, V., Vilain, P., Wilquet, G., Winter, K., Wong, H., Zymin, K. Charged-particle tracking with high spatial and temporal resolution using capillary arrays filled with liquid scintillator 80122
Martellotti, G. *see* Golovkin, S.V. 80125
Martellucci, A. *see* Barbaliscia, F. 65839
Martellucci, A. *see* Fionda, E. 65838
Martemyanov, A. *see* Calen, H. 120194
Martens, J.-B. *see* Kayargadde, V. 77341
Martens, J.-B. *see* Kayargadde, V. 77518
Martens, J.-B. *see* Kayargadde, V. 86633
Martens, J.B. *see* Kayargadde, V. 77342
Martens, K. *see* Mueller, U. 69711
Martens, L. *see* Debie, P. 68379
Martens, L. *see* Haelvoet, K. 119569
Martens, L. *see* Peeters, J. 118700
Martens, L. *see* Sercu, S. 60606
Martens, L. *see* van den Bosch, S. 83360
Martens, L. *see* Van den Broeck, T. 100291
Martens, L. *see* Verspecht, J. 79682
Martens, M. *see* Holmes, S.D. 79938
Martens, M.A., Goderre, G.P. Optimizing the luminosity in the Tevatron by independently moving the horizontal and vertical beta stars longitudinally 79941
Martens, M.A. *see* Holt, J.A. 79944
Martens, R.G., Alfa, A.S. A task-oriented priority queue for telephone switch design .II. with modified FCFS and forking 78299
Martensson, P. *see* Hallin, C. 105712
Marthinsen, A. Continuous extensions to Nystrom methods for second order initial value problems 61065
Marthon, P. *see* Fjortoft, R. 87050
Marthon, P. *see* Fjortoft, R. 109757
Marti, A., Araujo, G.L. Limiting efficiencies for photovoltaic energy conversion in multigap systems 121899
Marti, E. *see* Radeva, P. 110746
Marti, F. *see* Bailey, J.D. 79922
Marti, F. *see* Snyder, S.L. 79923
Marti, F. *see* York, R.C. 79810
Marti, H.P. *see* Blau, B. 95527
Marti, J., Capmany, J. BER impairment due to laser linewidth in OFDM-OOK systems using double-cavity Fabry-Perot demultiplexers 68461
Marti, J., Montero, A., Capmany, J., Fuster, J.M., Pastor, D. Reduction of dispersion-induced intensity noise in subcarrier systems by using tapered linearly chirped gratings 99552
Marti, J. *see* Capmany, J. 75853
Marti, J. *see* Peral, E. 64654
Marti, J.R., Myers, T.O. Phase-domain induction motor model for power system simulators 81458
Marti, J.R. *see* Castellanos, F. 111615
Marti, J.R. *see* Linares, L.R. 111446
Marti, J.R. *see* Niimura, T. 101756
Marti, J.R. *see* Wang, Q. 90945
Marti, L., Brierley, R.H., Grainger, T.E. Analysis of electromagnetic transients in cross-bonded cable systems using frequency dependent cable models 111549
Marti, L., Dommel, H.W. Calculation of voltage profiles along transmission lines 121147
Marti, O. *see* Horsch, I. 65219
Marti, R. *see* Valls, V. 72472
Marti, R. *see* Valls, V. 82420
Marti, U. *see* Cingolani, R. 63031
Marti, U. *see* Cingolani, R. 94505
Marti, U. *see* Haacke, S. 62989
Marti, U. *see* Kiener, C. 62980
Marti, U. *see* Rinaldi, R. 62941
Marti, W.F., Pooch, U.W., Hamilton, J.A., Jr. Packet tracing: a new paradigm for teaching computer network courses 112768
Marti-Panameno, E., Vysloukh, V.A., Sanchez-Mondragon, J.J. Lasing conditions of the fiber laser 116411
Marti-Panameno, E., Vysloukh, V.A., Torres-Cisneros, M., Sanchez-Mondragon, J.J., Torres-Cisneros, G.E. Femtosecond soliton amplification in an Er-doped fiber amplifier with inhomogeneously broadened line 85389
Marti-Panameno, E. *see* Vysloukh, V.A. 116015
Martignoni, F. *see* Diazzi, C. 122074
Martijn, H. *see* Oelmann, B. 99200
Martikainen, O., Naoumov, V., Samouylov, K. Call processing model for multimedia services 98881
Martikainen, O. *see* Kemppainen, P. 98827
Martin, A., O'Sullivan, P., Mathewson, A. Assessment of a unipolar pulsed ramp for the characterisation of MOS gate oxide reliability 63180
Martin, A., O'Sullivan, P., Mathewson, A. Correlation of SiO_2 lifetimes from constant and ramped voltage measurements 106302
Martin, A., O'Sullivan, P., Mathewson, A. Investigation of reliability measurements with ramped and constant voltage stress on MOS gate oxides 114341
Martin, A., Ribbrock, T., O'Sullivan, P., Mathewson, A. Enhancement of t_{bd} of MOS gate oxides with a single-step pre-stress prior to a CVS in the Fowler-Nordheim regime 115368
Martin, A., Suehle, J., Chaparala, P., O'Sullivan, P., Mathewson, A., Messick, C. Assessing MOS gate oxide reliability on wafer level with ramped/constant voltage and current stress 63756
Martin, A., Suehle, J.S., Chaparala, P., O'Sullivan, P., Mathewson, A. A new oxide degradation mechanism for stresses in the Fowler-Nordheim tunneling regime 95255
Martin, A. *see* Duane, R. 115367
Martin, A. *see* Grotschel, M. 60877
Martin, A.D. *see* Zhang, C. 63805
Martin, B. Sub-half-micron contact holes by i-line lithography using attenuated phase shift reticles 74642
Martin, B., Arthur, G. Sub-half-micron polysilicon gate control from 365 to 193 nm exposure 115053
Martin, B. *see* Arthur, G. 115050
Martin, B. *see* Arthur, G. 115052
Martin, B.L., Bramble, W.J. Designing effective video teletraining instruction: the Florida teletraining project 68859
Martin, C.D. Application and benefits of the crew-centered cockpit design process and toolset 120626
Martin, C.J., Currie, G.D. Optimization of patient radiation dose through development of specifications for purchase of X-ray equipment 80506
Martin, C.J. *see* Leung, K.C. 80520
Martin, C.K. *see* Torigian, G. 94099
Martin, C.M. *see* Mestdagh, D.J.G. 109673
Martin, C.W. *see* Haworth, D.P. 88195
Martin, D., Konczykowska, A. High speed low power optical gate driver for 2.5 GBit/s ATM switching networks 68024
Martin, D. *see* Capozzi, V. 114794
Martin, D. *see* Foley, S. 74633
Martin, D. *see* Kiener, C. 62980
Martin, D. *see* Kurita, N. 100553
Martin, D. *see* Marghitu, S. 100763
Martin, D. *see* Ng, C.-K. 100544
Martin, D. *see* Tschirner, B.M. 62945
Martin, D.E., Wilsey, P.A. SIMD processors–expanding its horizons by emulating others 117653
Martin, D.L. *see* Ives, J.R. 90526
Martin, E. *see* Baganne, A. 67888
Martin, E.A. *see* Stadler, B.J.H. 62729
Martin, E.A. *see* Vaccaro, K. 63316
Martin, E.A. *see* Vaccaro, K. 100048
Martin, E.B. *see* Luo, W. 70537
Martin, E.B. *see* Mours, B. 100821
Martin, E.B. *see* Mours, B. 120196
Martin, E.J., Dobeck, N., Jones, G.S., O'Sullivan, M.K. A 20 ampere shunt regulator for controlling individual magnets in a seriesed string 100736
Martin, E.J. *see* Merz, W. 102856
Martin, E.L., Reising, J.D. Distance-estimation training with night-vision goggles under low illumination 90680
Martin, E.P. *see* Kizilyalli, I.C. 106227
Martin, F. *see* Benistant, F. 84408
Martin, F. *see* Dalal, V.L. 92901
Martin, F. *see* Deleonibus, S. 63292
Martin, F. *see* Deleonibus, S. 105546
Martin, F. *see* Deleonibus, S. 114906
Martin, F. *see* Licciardi, L. 68011
Martin, G., Botchkarev, A., Rockett, A., Morkoc, H. Valence-band discontinuities of wurtzite GaN, AlN, and InN heterojunctions measured by X-ray photoemission spectroscopy 62792
Martin, G., Weihnacht, M., Franke, K. Properties of interdigital transducers in relation to the substrate crystal symmetry 90858
Martin, G., Weihnacht, M., Franke, K. Properties of interdigital transducers in relation to the substrate crystal symmetry 106432
Martin, G. *see* Balashova, E.V. 106323
Martin, G. *see* Palmier, D. 106320
Martin, G. *see* Planat, M. 95331
Martin, G. *see* Poveda, J. 99420
Martin, G.J., Gillespie, S.C., Volk, C.H. The Litton 11 cm triaxial zero-lock gyro 79304
Martin, G.R., Packwood, R.A., Rhee, I. Variable size block matching motion estimation with minimal error 86579
Martin, G.R. *see* Chan, K.L. 86553
Martin, G.T., Faulkner, M., Beach, M.A. Wide band propagation measurements and ray tracing simulations at 1890 MHz 65862
Martin, G.T., Faulkner, M., Beach, M.A. Comparison of delay spread measurements with ray tracing simulations at 1890 MHz 97115

Martin, H., Bichebois, P. Defect detection methodology on the back-end process: a case of study [lithography] 114991
Martin, H. *see* Bichebois, P. 112985
Martin, H.-G. Retiming for circuits with enable registers 104533
Martin, I. *see* Enright, R. 88081
Martin, J. *see* Bagrodia, R. 78020
Martin, J.C., Alvarez, J.M., Rebolledo, M.A. Erbium-doped fiber characterization by fluorescence dynamics measurement 116020
Martin, J.D. *see* Collins, M.J. 91854
Martin, J.D. *see* Sapiano, P.C. 76701
Martin, J.D. *see* Sapiano, P.C. 108094
Martin, J.E. *see* Quinn, T.J. 119934
Martin, J.L.J., Gonzalez, F.J.O. Accurate linear oscillator analysis and design 104393
Martin, J.M. *see* Bastos, T.F. 90864
Martin, J.M. *see* Cusco, R. 63239
Martin, J.M. *see* Leon, C. 74321
Martin, J.P., Tindall, C.E., Morrow, D.J., Calvert, P.A.J. Characteristics of small synchronous machines 112014
Martin, J.P. *see* Tindall, C.E. 111929
Martin, J.R. *see* Souteyrand, E. 119780
Martin, J.W. *see* Walker, S.R. 94232
Martin, K. *see* Flora, R. 89921
Martin, K.F., Moavenian, M. A comparison of fault detection filters using multiple inputs, parallel observers and residual processing 108273
Martin, K.I., Clarkson, W.A., Hanna, D.C. Limitations imposed by spatial hole burning on the single-frequency performance of unidirectional ring lasers 65388
Martin, K.I., Clarkson, W.A., Hanna, D.C. 3 W of single-frequency output at 532 nm by intracavity frequency doubling of a diode-bar-pumped Nd:YAG ring laser 75897
Martin, K.P. *see* Dohle, G.R. 96053
Martin, K.P. *see* Rainer Dohle, G. 96058
Martin, K.W. *see* Hu, X. 104746
Martin, K.W. *see* Jantzi, S.A. 104411
Martin, K.W. *see* Rezania, S. 104379
Martin, L. *see* Pyle, R.E. 95199
Martin, M. *see* Bousquet, B. 76209
Martin, M. *see* Segonds, P. 79741
Martin, M.J., Montesano, C., Crone, G.A.E. Reconfigurable Ku-band antennas 76616
Martin, M.J., Velazquez, J.E., Pardo, D. Analysis of current fluctuations in silicon pn$^+$ and p$^+$n homojunctions 62816
Martin, M.J. *see* Alfonso, J.E. 75520
Martin, M.J. *see* Alfonso, J.E. 92867
Martin, M.J. *see* Starikov, E. 74338
Martin, M.M. *see* Fink, C.L. 80136
Martin, M.M. *see* Fink, C.L. 100995
Martin, O.C., Otto, S.W. Combining simulated annealing with local search heuristics 82445
Martin, P., Fernandez, J.F., Cuevas, F., Alguero, M., Sanchez, C. Influence of anodization time and current density on the photoluminescence of porous N-Si 94298
Martin, P., LeBoudec, G., Taufflieb, E., Lefevre, H.C. Optimized polarization mode dispersion measurement with "π-shifted" white light interferometry 84990
Martin, P. *see* Bogert, D. 79929
Martin, P. *see* Chusseau, L. 100367
Martin, P. *see* Hartlieb, N. 81313
Martin, P. *see* Koumetz, S. 74276
Martin, P. *see* Lefevre, H.C. 75470
Martin, P.J. *see* Kenton, A.R. 69982
Martin, P.M., Affinito, J.D., Gross, M.E., Stewart, D.C., Bennett, W.D., Kelley, R.J., Home, W.E. Reflective coatings for large-area solar concentrators 91762
Martin, P.M., Bennett, W.D., Johnston, J.W. Microchannel heat exchangers for advanced climate control 82008
Martin, P.M. *see* List, F.A. 119545
Martin, P.S. *see* Baiod, R. 89793
Martin, P.S. *see* Bhat, C.M. 89794
Martin, P.S. *see* Bhat, C.M. 89913
Martin, P.S. *see* Bhat, C.M. 100715
Martin, P.S. *see* Brown, B.C. 90058
Martin, P.S. *see* Harding, D.J. 89795
Martin, P.S. *see* Harding, D.J. 89796
Martin, P.S. *see* Johnson, D.E. 89798
Martin, R. Combined acoustic echo cancellation, spectral echo shaping, and noise reduction 67995
Martin, R. *see* Fosnight, W. 79621
Martin, R. *see* Gille, J. 89260
Martin, R. *see* Gille, J. 89396
Martin, R. *see* Larimer, J. 100197
Martin, R. *see* Lewis, A. 89290
Martin, R.A., Chuang, T., Steemers, H., Fulks, R., Stuber, S., Lee, D.D., Young, M.Y.T., Ho, J., Nguyen, M., Meuli, W.P., Fiske, T., Bruce, R.H., Da Costa, V., Kowalski, R.P., Lewis, A., Turner, W., Thompson, M.J., Tilton, M., Silverstein, L.D. The electronic document display: a 6.3-million-pixel AMLCD 110298
Martin, R.A. *see* Cronyn, W. 109784
Martin, R.B. *see* Cotta, M.A. 103899
Martin, R.G. *see* Garcia, S.G. 68569
Martin, R.G. *see* Garcia, S.G. 85851
Martin, R.J. Model-based approaches to signal analysis 76927
Martin, R.J., Openshaw, C.A. Autoregressive modelling in vector spaces: an application to narrow-bandwidth spectral estimation 97726
Martin, R.P., Edwards, R.M. Kalman filter application for distributed parameter estimation in reactor systems 91294
Martin, R.R. *see* Anguh, M.M. 86346
Martin, R.R. *see* Redmill, D.W. 86547
Martin, R.S., Knight, J.P. Using Spice and behavioral synthesis tools to optimize ASICs' peak power consumption 93203
Martin, R.San *see* San Martin, R.
Martin, R.W., Wong, S.L., Symons, D.M., Nicholas, R.J., Gibbon, M.A., Thrush, E.J., Stagg, J.P. Selective area epitaxy of InGaAs/InGaAsP quantum wells studied by magnetotransport 61207
Martin, R.W. *see* Yamamoto, R.M. 90187
Martin, S., Olive, V. Embedded test environment 73052
Martin, S. *see* Bechstedt, U. 100747
Martin, S. *see* Brauksiepe, S. 100815
Martin, S. *see* Feely, C.A. 96813
Martin, S. *see* Hofmann, I. 69647
Martin, S. *see* Nghiem, S.V. 120857
Martin, S.C. *see* Lee, T.-H. 83369
Martin, S.C. *see* Mehdi, I. 83368
Martin, T. Wave packet approach to noise in N-S junctions 115938
Martin, T. *see* Monaci, A. 112994
Martin, T. *see* Whitaker, T.J. 103932
Martin, T. *see* Whitaker, T.J. 103963
Martin, T. *see* Whitaker, T.J. 105631
Martin, T. *see* Zhu, Q. 100104
Martin, T.W., Ang, S.S. Digital control for switching converters 71508
Martin, W.C. *see* Nave, G. 112594
Martin, W.H. *see* Pratt, H. 70145
Martin, W.N. *see* Wei-Ge Chen 66935
Martin-Corrochano, V. *see* Ramos, A. 102024
Martin-Guerrero, T.M., Camacho-Penalosa, C. Simulation of the small-signal performance of a HEMT using a distributed model 115256
Martin-Mattei, C. *see* Jacquot, J.P. 71068
Martin-Moreno, L., Oaknin, J.H., Palacios, J.J., Tejedor, C. Charge excitations of quantum dots in magnetic fields 62953
Martin-Neira, M., Bara, J., Capms, A., Torres, F., Corbella, I., Gasparini, O., Arbolino, M.V. Theoretical research on new concepts for the remote sensing of hydrometeors 111184
Martin-Neira, M., Goutoule, J.M., Knight, A., Claude, J., Bara, J., Camps, A., Torres, F., Corbella, I., Lannes, A., Anterrieu, E., Laursen, B., Skou, N. Integration of MIRAS breadboard and future activities 111288
Martin-Pascual, C. *see* Hernanz, M.L. 66159
Martin-Pereda, J.A., Gonzalez-Marcos, A. Digital chaos analysis in optical logic structures 64855
Martin-Regalado, J., Balle, S., Abraham, N.B. Spatio-temporal dynamics of gain-guided semiconductor laser arrays and broad area arrays 96344
Martin-Regalado, J., San Miguel, M., Abraham, N.B., Prati, F. Polarization state selection and switching in VCSEL's 96338
Martin-Vega, L.A., Brown, H.K., Shaw, W.H., Sanders, T.J. Research needs and opportunities in electronics assembly 60515
Martin-Vega, L.A. *see* Brown, H.K. 62489
Martinaud, J.P. *see* Terrasse, I. 66126
Martincic, M. *see* Popovic, Z. 99021
Martindale, C. *see* Rojas, A. 90588
Martineau, P. *see* Baganne, A. 67888
Martineau, P. *see* Roux, O.H. 87781
Martinelli, D. *see* Shoukry, S.N. 68624
Martinelli, G. *see* Andriollo, M. 103099
Martinelli, G. *see* Benati, A. 121897
Martinelli, G. *see* Ferroni, M. 119757
Martinelli, G. *see* Sberveglieri, G. 72886
Martinelli, M. *see* Amato, L. 65444
Martinelli, M. *see* Boffi, P. 88047
Martinelli, M. *see* Boffi, P. 95672
Martinelli, M. *see* Fellegara, A. 85012
Martinelli, M. *see* Pietralunga, S. 65424
Martinelli, M. *see* Pietralunga, S. 85093
Martinelli, R. *see* Garbuzov, D. 96260
Martinelli, R. *see* Garbuzov, D. 107246
Martinelli, R.U., Menna, R.J., York, P.K., Garbuzov, D.Z., Lee, H., Narayan, S.Y., Connolly, J.C. Mid-infrared III-V diode lasers for trace-gas sensing 69364
Martinelli, R.U. *see* Chao, C.-P. 96849
Martinelli, R.U. *see* Cooper, D.E. 69097
Martinelli, R.U. *see* Garbuzov, D.Z. 107326
Martinelli, R.U. *see* Riris, H. 97878
Martinelli, V. *see* Quist, S. 79468
Martinengo, P. *see* Antinori, F. 120156
Martinet, E.L. *see* Sung, B. 62887
Martinet, L., Artaud, M., Alengrin, G. Unambiguous Doppler estimation based on complex signal phases 68615
Martinet, L. *see* Cassassolles, E. 109705
Martinet, L. *see* Sedano, H. 68673
Martinet, P., Berry, F., Gallice, J. Use of first derivative of geometric features in visual servoing 86778
Martinet, P. *see* Khadraoui, D. 117565
Martinez, A. The telecommunications equipment market: globalization or selective regionalization? 118179
Martinez, A., Ciazynski, D., Duchateau, J.L., Bottura, L. Stability experiments on a long length of a cable-in-conduit conductor submitted to a rapidly changing magnetic field 95563
Martinez, A. *see* Burdio, J.M. 121592
Martinez, A. *see* Burdio, J.M. 121681
Martinez, A. *see* Ciazynski, D. 91185
Martinez, A. *see* Zenteno, L.A. 65076
Martinez, C., Martinez-Herrero, R., Mejias, P.M. Parametric characterization of light pulses propagating through single-mode fibres 106778
Martinez, C. *see* Flores, L.E. 95447
Martinez, D., Yang, W. Competitive learning algorithms for channel optimized vector quantizers 108613
Martinez, D. *see* Bermak, A. 62139
Martinez, D. *see* De Blas, P. 110867
Martinez, E., Shur, M., Schuermeyer, F. Analysis of the "hot" electron regime of operation in heterostructure field effect transistors 84480
Martinez, E. *see* Cabre, R. 75308
Martinez, E. *see* Gonzalo, C. 119127
Martinez, E. *see* Honer, K.A. 84620
Martinez, E. *see* Rodellar, V. 114122
Martinez, E.J. *see* Kie Young Lee 63787
Martinez, F. *see* Cinguino, P. 96430
Martinez, G. *see* Grynberg, M. 94363
Martinez, G. *see* Matulewicz, T. 110596
Martinez, G. *see* Mendoza-Galvin, A. 114855
Martinez, G. *see* Stepniewski, R. 62861
Martinez, G. *see* Wightman, C.W. 97615
Martinez, G. *see* Zeman, J. 94252
Martinez, J., Thomas, F. A reformulation of gray-level image geometric moment computation for real-time applications 86768
Martinez, J. *see* Abe, K. 69708
Martinez, J. *see* Abe, K. 69726
Martinez, J. *see* Cervera, M. 62685
Martinez, J. *see* Holgado, S. 104149
Martinez, J. *see* Shadaram, M. 100159
Martinez, J.A. *see* Iravani, M.R. 91033
Martinez, J.L. *see* Aguilar, J.D. 122073
Martinez, J.L., Jr *see* Fusaro, J.M. 82231
Martinez, J.L., Jr. *see* Romero, G.L. 92256
Martinez, J.M. *see* Gomes-Ruggiero, M.A. 72648
Martinez, L. *see* Biel, D. 121660
Martinez, L. *see* Cabrera, I. 118656
Martinez, L. *see* Calvente, J. 113742
Martinez, L. *see* Giral, R. 113737
Martinez, L. *see* Schulz, S. 103815
Martinez, M. *see* Bracho, S. 93611
Martinez, M. *see* Gardic, F. 73387
Martinez, M. *see* Gardic, F. 74850
Martinez, M. *see* Gardic, F. 104501
Martinez, M. *see* Gardic, F. 104555
Martinez, M. *see* Sebastian, P.J. 91722
Martinez, M. *see* Sheinbaum, C. 71927
Martinez, M. *see* Warner, B.E. 60586
Martinez, M.A. *see* Legido, J.M. 79055
Martinez, M.A.G. *see* Romero, M.A. 93833
Martinez, M.J., Schirmann, E., Durlam, M., Huang, J.-H., Tehrani, S., Cody, N., Driver, T., Barkley, K. AlGaAs/InGaAs power P-HEMTs for high-efficiency, low-voltage portable applications 83374
Martinez, M.L.B., Zanetta, L.C., Jr. An approach to metal oxide arresters switching surges energy absorption capability evaluation 111678
Martinez, M.L.B. *see* D'Ajuz, A. 81098
Martinez, O. *see* Quintana, E. 80879
Martinez, O. *see* Quintana, E. 101703
Martinez, O.E. *see* Chilla, J.L.A. 100358
Martinez, P., Schertzer, D., Pham, K. Texture analysis by universal multifractal features in a polarimetric SAR image 111100
Martinez, P. *see* Lutton, E. 67325
Martinez, P.A., Celma, S., Sabadell, J. Designing sinusoidal oscillators with current-feedback amplifiers 61679
Martinez, R., Sheau-Ling Hsieh, Yuan-Pin Yu, Jarrin, K.M. Multimedia global PACS modeling and analysis in CORBA environment 109257
Martinez, R. *see* AlSafadi, Y. 108733
Martinez, S. *see* Brant, M.C. 107449
Martinez, S. *see* Garvey, D.W. 85657
Martinez, Y. *see* Massies, J. 61228
Martinez Torre, J.I., Deschamps, J.-P., Fernandez Centeno, M. Synthesis tools for dedicated fuzzy hardware 113897
Martinez Val, J.M. *see* Calero, J. 89547
Martinez Velarde, J. *see* Zivojnovic, V. 93449
Martinez-Corcoles, F. *see* Ramos, A. 102024
Martinez-Duart, J.M. *see* Perez-Rigueiro, J. 61310
Martinez-Duart, J.M. *see* Sanchez, O. 92824
Martinez-Garcia, J.C. *see* Fernandez Diaz, J.M. 97250
Martinez-Gonzales, E. *see* Mandolesi, N. 99703
Martinez-Gonzalez, A. *see* Ortiz-Balbuena, L. 104739
Martinez-Gonzalez, A. *see* Perez-Meana, H. 76908
Martinez-Herrero, R. *see* Martinez, C. 106778
Martinez-Herrero, R. *see* Piquero, G. 96590
Martinez-Herrero, R. *see* Serna, J. 85572
Martinez-Jimenez, P. *see* Cuevas-Rubino, M. 112803
Martinez-Madrid, J.J., Casar Corredera, J.R., de Miguel-Vela, G. High resolution imaging techniques in step-frequency subsurface radars 109760

Martinez-Uriegas, E., Crane, H.D., Peters, J.D. Spatiochromatic multiplexing: a color image representation for digital processing and compression 108539
Martinez-Val, J.M. *see* Hofmann, I. 69647
Martinez-Velasco, J.A., Abdo, R., Capolino, G.A. Advanced representation of power semiconductors using the EMTP 104316
Martinez-Velasco, J.A., Capolino, G.A. Simulation of power electronics using the EMTP. II. Electrical drives. A survey 112434
Martinez-Velasco, J.A. *see* Henao, H. 121938
Martinez-Verdu, F.M., Arnau, V., Malo, J., Felipe, A., Artigas, J.M. A new chromatic encoding for machine vision invariant to the change of illuminant 108574
Martini, L. *see* Hlasnik, I. 95412
Martini, L. *see* Majoros, M. 95413
Martini, L. *see* Varesi, E. 115905
Martini, M., Meinard, F., Kovacs, L., Polgar, K. Spectrally resolved thermoluminescence of $Li_2B_4O_7$:Cu single crystals 106953
Martini, M., Meinardi, F., Rosetta, E., Spinolo, G., Vedda, A., Leray, J.L., Paillet, P., Autran, J.L., Devine, R.A.B. Radiation induced thermally stimulated luminescence and conductivity in SIMOX oxides 74496
Martini, M., Meinardi, F., Rosetta, E., Spinolo, G., Vedda, A., Leray, J.L., Paillet, P., Autran, J.L., Devine, R.A.B. Radiation induced thermally stimulated luminescence and conductivity in SIMOX oxides 105517
Martini, M. *see* Autin, B. 89923
Martini, M. *see* Cai, G.G. 101453
Martini, M. *see* Cappi, R. 79927
Martini, M. *see* Hallgren, B. 90201
Martini, M. *see* Hallgren, B. 100956
Martini, R. *see* Schaefer, M. 65185
Martini, T., Schmidt, E., Mack, S., Reiche, M., Stenzel, H., Li, S., Gosele, U., Tong, Q.Y. What determines the bonding speed in silicon wafer bonding? 63197
Martini, T. *see* Steinkirchner, J. 63370
Martini, W.J. The electronic change request: applying TQM to the creative design process 60686
Martininez-Gonzales, E. *see* Smoot, G.F. 99702
Martinis, C.De *see* De Martinis, C.
Martinis, J.M. *see* Irwin, K.D. 110631
Martinis, J.M. *see* Keller, M.W. 106103
Martinis, J.M. *see* Steinbach, A.H. 62374
Martino, C.A. *see* Thomas, S. 94942
Martino, E. *see* Ferrero, C. 100339
Martino, J.-L.di *see* di Martino, J.-L.
Martino, J.A. *see* Nicolett, A.S. 94981
Martino, J.A. *see* Pavanello, M.A. 94983
Martino, J.A. *see* Simoen, E. 94978
Martino, M. *see* Beloglazov, A. 90113
Martino, M. *see* Beloglazov, A. 94177
Martino, M. *see* Dinescu, M. 113505
Martino, M. *see* Leggieri, G. 92928
Martino, M. *see* Luby, S. 74107
Martino, M. *see* Mihailescu, I.N. 82761
Martino, M. *see* Mihailescu, I.N. 92821
Martino, M. *see* Teodorescu, V.S. 104110
Martino, S. *see* Corsi, F. 73185
Martinoia, S. *see* Grattarola, M. 90609
Martinoia, S. *see* Lui, A. 119623
Martinoia, S. *see* Massobrio, G. 63687
Martinoia, S. *see* Raiteri, R. 110241
Martinot, H. *see* Bennefont, S. 96291
Martinotti, F. *see* Banford, H.M. 115435
Martinov, N.K. *see* Vitanov, N.K. 75342
Martinovic, V. *see* Ljikar, M. 99014
Martinovich, V.A. *see* Popovici, G. 84090
Martins, A.C.G. *see* Rangayyan, R.M. 66875
Martins, A.P., Carvalho, A.S., Araujo, A.S. A control method for high power UPSs in parallel operation 81588
Martins, A.S., Kassick, E.V., Barbi, I. Control strategy for the double-boost converter in continuous conduction mode applied to power factor correction 121765
Martins, A.S. *see* Koiller, B. 114773
Martins, B., Forchhammer, S. Bi-level image compression with tree coding 86733
Martins, C.Gil *see* Gil Martins, C.
Martins, D.C. Zeta converter operating in continuous conduction mode using the unity power factor technique 121741
Martins, D.C., da Silva, P.A., Jr., Mezaroba, M., Bittar, G.L.A. Performance study of PROSCES/MACHINE program available through the SABER program 121499
Martins, D.C. *see* De Jesus Silva, A.R. 121709
Martins, D.C. *see* Silva, A.R.J. 121748
Martins, E., Swart, J.W. Effect of tunneling current on the modeling of AlGaAs/GaAs and InP/InGaAs/InP HBTs 94933
Martins, E. *see* Hickey, L.M.B. 64592
Martins, J.C. *see* Simoes, P.C.P.S. 90229
Martins, J.C. *see* Simoes, P.C.P.S. 100964
Martins, J.S. *see* Couto, C.M. 71786
Martins, M.M. *see* Evans, D.J. 72640
Martins, M.N. *see* Likhachev, V.P. 100816
Martins, N., Pinto, H.J.C.P. Modern tools for the small-signal stability analysis and design of FACTS assisted power systems 91092
Martins, N. *see* Campagnolo, J.M. 101921
Martins, P. *see* Carvalho, A. 81590
Martins, R., Fortunato, E. Static behaviour of thin-film position-sensitive detectors based on p-i-n a-Si:H devices 79403
Martins, R., Fortunato, E. Static and dynamic resolution of 1D thin film position sensitive detector 100024
Martins, R., Vieira, M., Ferreira, I., Fortunato, E., Guimaraes, L. Transport properties of doped silicon oxycarbide microcrystalline films produced by spatial separation techniques 94379
Martins, R. *see* Fortunate, E. 100039
Martins, R. *see* Fortunato, E. 69131
Martins, R. *see* Fortunato, E. 79402
Martins, R. *see* Fortunato, E. 100025
Martins, R. *see* Macarico, A. 92906
Martins, R. *see* Vieira, M. 100022
Martins, R.B. *see* Cotta, M.A. 103948
Martins, R.M. *see* de Azevedo, H.R. 70692
Martins, R.P. *see* Seng Pan, U. 62008
Martinson, J., Shotsky, J. Windows-based layout solutions and analog designs 61557
Martinson, T. *see* Masetti, F. 78317
Martinsson, T. *see* Gevorgian, S.S. 73825
Martinsson, T. *see* Gevorgian, S.S. 95623
Martinu, L. Low pressure plasma processing for optoelectronics applications 92802
Martinu, L. *see* Klemberg-Sapieha, J.E. 113437
Martinu, L. *see* Malek-Tabrizi, A. 99918
Martinu, L. *see* Poitras, D. 113476
Martinuzzi, S. *see* Simon, J.J. 114565
Martiny, W.J. *see* Gray, G.G. 111972
Martinz, H.-P. *see* Kock, W. 81833
Martirano, G. *see* Mahadeven, K. 66177
Martirano, G. *see* Mizzoni, R. 76617
Martirosyan, R.M. *see* Manvelyan, M.O. 96087
Martishevcky, Y.V. The accuracy of point light target coordinate determination by dissectoral tracking system 89480
Martlew, B.G. *see* Fitzgerald, J.B. 100521
Martner, B.E. Doppler radar observations of mammatus 80613
Marton, D. *see* Rabalais, J.W. 61287
Martone, M. Blind tree search over non minimum phase channels using cumulants 77558
Martone, M. On board regeneration of uplink signals affected by cross polarization interference and multipath propagation using a blind adaptive multichannel estimator 78571
Martone, M. Non-Gaussian multivariate adaptive AR estimation using the super exponential algorithm 117332
Martone, M. *see* Boscagli, G. 78637
Martone, R. *see* Formisano, A. 65633
Martone, R. *see* Formisano, A. 106705
Martonen, T.B. *see* Fleming, J.S. 90315
Martorell, S., Munoz, A., Serradell, V. Age-dependent models for evaluating risks and costs of surveillance and maintenance of components 121283
Martorell, S., Serradell, V., Verdu, G. Safety-related equipment prioritization for reliability centered maintenance purposes based on a plant specific level 1 PSA 71043
Martovetsky, N. *see* Deis, G. 106719
Martovetsky, N.N., Chaplin, M.R. Normal-zone detection in tokamak superconducting magnets with co-wound voltage sensors 95528
Martovetsky, N.N. *see* Chaplin, M.R. 106727
Martovetsky, N.N. *see* Jayakumar, R. 106722
Martovetsky, N.N. *see* Zbasnik, J.P. 106715
Martscotti, A. Neural network approach to static converter faults diagnosis 71504
Marttila, R. *see* Dick, E.P. 102892
Marttila, R.J., Dick, E.P., Fischer, D., Mulkins, C.S. Closed-loop testing with the real-time digital power system simulator 101693
Marttila, R.J., Dick, E.P., Fischer, D., Mulkins, C.S. Closed-loop testing of a breaker controller with the real-time digital power system simulator 102912
Martucci, A. *see* Fick, J. 76221
Martucci, A. *see* Righini, G.C. 115980
Martucci, C. *see* Penza, M. 61429
Marturunkakul, S. *see* Lian Li 65474
Marty, A. *see* Faleh, M.S. 94936
Marty, G. *see* Demarez, D.V. 120907
Marty, J. A modern indoor metal-clad air-insulated medium voltage switchboard type PID 100 incorporating cassette type circuit breakers 81604
Marty, J. *see* Nunzi, J.M. 85629
Marty, M. *see* Brun, A. 114993
Marty, O. *see* Bearzi, E. 94369
Marty, O. *see* Meva'a, C. 94371
Mart'yanov, S.I. Minimization of the mean time required to transmit data over an unreliable communications channel 87566
Martyn, C.N. *see* Greenwald, S.E. 110802
Martynchuk, S.V. *see* Kornaukhov, A.V. 73700
Martynchuk, S.V. *see* Kornaukhov, A.V. 73710
Martynchuk, S.V. *see* Kornaukhov, A.V. 73714
Martynov, A.V. *see* Dobershtein, S.A. 106414
Martynov, J.B. *see* Vashchenko, V.A. 74761
Martynov, J.B. *see* Vashchenko, V.A. 95066
Martynov, J.B. *see* Vashchenko, V.A. 115251
Martynov, S.N. *see* Gorelik, L.I. 99984
Martynov, S.N. *see* Sviridov, A.N. 99986
Martynov, S.N. *see* Sviridov, A.N. 99988
Martynov, V.A. *see* Kudryavtsev, N.Yu. 102422
Martynov, V.A. *see* Sokolov, E.Ya. 102488
Martynova, O.I., Kashinskii, V.I., Petrov, A.Yu., Makarova, L.V., Krokhin, O.V. Ion chromatography for steam and water quality control at thermal power stations 121354
Martynyuk, L.I. *see* Sverdlov, V.Ya. 95419
Martyshevskii, Yu.V. Analysis of accuracy of determining light object coordinates by a TV tracking system on a dissector 108481
Martz, H. *see* Modarres, M. 81260
Martz, H.F., Kvam, P.H., Abramson, L.R. Empirical Bayes estimation of the reliability of nuclear-power-plant emergency diesel generators 81203
Martzloff, F.D. Keeping up with the reality of today's surge environment 91217
Martzloff, F.D. Surges in LV power systems 101678
Maru, K. *see* Yokoi, H. 94747
Maru, V.M. *see* Moharir, P.S. 108093
Maru, V.M. *see* Singh, R. 86281
Marubayashi, G. *see* Sasaki, S. 118800
Marucci, A. *see* Polini, R. 61432
Marudachalam, M. *see* Birkmire, R.W. 112370
Maruenda, P. *see* Le Neve, M. 76211
Maruenda, Ph. *see* Jolly, A. 85416
Marugin, A.V., Tzaregradsky, V.B. Compact Doppler velocimetry system on the basis of injection laser diode 110379
Maruhashi, K., Funabashi, M., Inoue, T., Madihian, M., Kuzuhara, M. A 60 GHz-band low noise HJFET amplifier module for wireless LAN applications 83443
Maruhashi, K., Funabashi, M., Inoue, T., Madihian, M., Kuzuhara, M. A 60 GHz-band low noise HJFET amplifier module for wireless LAN applications 83464
Maruhashi, K., Madihian, M., Desclos, L., Ouda, K., Kuzuhara, M. A K-band monolithic oscillator integrated with a buffer amplifier using a device-circuit interaction design concept 93905
Maruhashi, K. *see* Inoue, L. 93913
Maruhashi, K. *see* Ohata, K. 73774
Maruhashi, K. *see* Ohata, K. 88085
Marui, S. *see* Kabuo, H. 61946
Marui, S. *see* Kabuo, H. 93477
Marukawa, K., Fujisawa, H., Shima, Y. Evaluation of information retrieval methods with output of character recognition based on characteristic of recognition error 67436
Marulier, O., Lenormand, J., Saillard, J., Terret, C. Conical wraparound short-circuited microstrip antenna operating in dual frequency range 117017
Marumo, T. *see* Mori, S. 81964
Marumori, H. *see* Kinugasa, T. 109933
Marumoto, K. *see* Nunoshita, M. 115111
Marumoto, S. *see* Yamada, S. 84881
Maruna, V., Atlagic, B., Adanski, B. A realization of intelligent remote telemetry unit 98628
Maruno, H. *see* Nagamachi, S. 72951
Maruno, S., Fujita, S., Watanabe, H., Ichikawa, M. Microstructure fabrication using oxidation on partially Ga-terminated Si(111) surfaces 105601
Maruno, S. *see* Fujita, S. 94601
Maruno, S. *see* Fukuda, M. 104771
Maruno, S. *see* Kawaguchi, T. 83872
Maruno, S. *see* Kawaguchi, T. 105194
Maruno, S. *see* Sakaue, S. 67195
Maruno, T., Matsuura, T., Ando, S., Sasaki, S. Single-mode optical waveguide fabricated using fluorinated polyimides 85047
Maruo, A., Ebine, H., Kaneko, K. GS8200 system 61957
Maruo, S. *see* Maruyama, K. 100989
Maruo, T. *see* Enpuku, K. 84904
Maruo, T. *see* Enpuku, K. 95461
Maruo, T. *see* Higashi, Y. 63146
Maruo, T. *see* Kubodera, K. 63847
Maruo, T. *see* Kubodera, K. 113577
Maruoka, M. *see* Takeda, K. 74737
Marusan, I.A. *see* Litovchenko, P.G. 120559
Maruse, S. *see* Iiyoshi, R. 83721
Marushima, T. *see* Aso, M. 77868
Maruska, H.P. *see* Kalkhoran, N.M. 89255
Maruta, T. *see* Asano, T. 74028
Marutani, Y. Development of rapid prototyping technology–from plastic models to metal parts 72266
Marutani, Y. *see* Ise, T. 102801
Maruthi, R., Karunakara, K., Kumari, M.K., Srinivasa, K.M., Channakeshava Computation and measurement of AC electric and magnetic field lateral profiles and longitudinal contours under transmission lines 70946
Maruthy Prasad, V.V.S., Swaminathan, S. Voice governed traffic light control system 66572
Maruvada, P.Sarma *see* Sarma Maruvada, P.
Maruyama, A. *see* Nakahira, T. 116118
Maruyama, E. *see* Hishikawa, Y. 103018
Maruyama, H. Colorimetric evaluation for color matching points between printed matter and CRT monitor 110284
Maruyama, H. *see* Aizawa, K. 69285
Maruyama, H. *see* Hamamoto, T. 69326
Maruyama, H. *see* Hanawa, M. 73289
Maruyama, H. *see* Imada, S. 75146
Maruyama, H. *see* Kakino, Y. 81933
Maruyama, H. *see* Kubota, M. 99753
Maruyama, H. *see* Kubota, M. 109902
Maruyama, H. *see* Mochida, T. 81253
Maruyama, K., Garino, G., Kato, S., Koike, M., Murata, Y., Mutou, M., Niki, K., Yoshida, K.,

Asai, M., Asano, S., Endo, I., Endo, S., Harada, M., Kasai, S., Miyamoto, K., Sumi, Y., Sasaki, A., Hossain, K., Papandreou, Z., Hasai, H., Iwatani, K., Leone, A., Perrino, R., Wada, Y., Maki, T., Farzanpay, F., Huber, G.M., Iurescu, M., Lolos, G.J., Weinerman, A., Hisadomi, A., Itoh, H., Maruo, S., Murooka, H., Naridomi, R., Ogata, T., Kim, J.C., Lasiuk, B., Rangacharyulu, C., Konno, O., Shinozaki, A., Terasawa, T., Yamazaki, H., Maeda, K., Suda, T., Shimizu, H., Emura, T., Hirosawa, H., Niwa, K., Miyamoto, H., Nagata, K., Yamashita, H. The large-acceptance spectrometer TAGX for photoreaction studies at the 1.3-GeV Tokyo electron synchrotron 100989

Maruyama, K. *see* Koike, J. 113522

Maruyama, K. *see* Kubota, M. 77832

Maruyama, K. *see* Nagae, Y. 113513

Maruyama, K. *see* Okamoto, T. 94322

Maruyama, K. *see* Yoshioka, Y. 71467

Maruyama, M., Nishimura, K., Nakano, H. Communication processing techniques for multimedia servers 109233

Maruyama, M., Osaka, H., Ono, M., Kasei, S. Development of optical apparatus for measuring small hole diameter 69497

Maruyama, M. *see* Fukuda, M. 104771

Maruyama, M. *see* Sakamoto, M. 89331

Maruyama, M. *see* Sugawara, Y. 80966

Maruyama, N. *see* Nakamura, K. 95301

Maruyama, R. *see* Nakada, S. 102306

Maruyama, S., Iyoku, T., Inagaki, Y., Shiozawa, S., Masuma, Y., Miki, T. Development of visual inspection technology for HTTR core support graphite structure 109958

Maruyama, S., Koshiba, M. A vector finite element formulation for general bi-anisotropic waveguides 93673

Maruyama, T., Akagi, H. Chromium oxide thin films prepared by chemical vapor deposition from chromium acetylacetonate and chromium hexacarbonyl 72902

Maruyama, T., Cho, S.H., Akimoto, K. Effects of nitrogen source conditions on the properties of GaN/sapphire (0001) grown by ECR-MBE: PL and XRD study 104062

Maruyama, T., Fujiwara, N., Siozawa, K., Yoneda, M. Analysis of fluorocarbon deposition during SiO_2 etching 74556

Maruyama, T., Garwin, E.L., Mair, R.A., Prepost, R. Recent progress on cathode development from SLAC/Wisconsin 114504

Maruyama, T., Inoue, T., Nagata, K. Electrical conductivity of $SrCrO_4$ and $Sr_3Cr_2O_8$ at elevated temperatures in relation to the highly conductive chromia scale formed on an alloy separator in SOFC 81837

Maruyama, T., Morishita, T. Copper nitride and tin nitride thin films for write-once optical recording media 95657

Maruyama, T., Ogawa, T., Akimoto, K., Kitajima, Y., Itoh, S., Ishibashi, A. Distribution of chalcogen atoms in ZnSSe and ZnMgSSe: an EXAFS study 74157

Maruyama, T., Uehara, K., Kagoshima, K. Analysis and design of multi-sector monopole Yagi-Uda array mounted on a ground plane using moment method 66109

Maruyama, T. *see* Akimoto, K. 74220

Maruyama, T. *see* Fujiwara, N. 74554

Maruyama, T. *see* Fujiwara, N. 74573

Maruyama, T. *see* Saez, P. 90076

Maruyama, T. *see* Shiomitsu, T. 81864

Maruyama, T. *see* Shirato, T. 118337

Maruyama, T. *see* Siozawa, K. 74559

Maruyama, T. *see* Sung Hwan Cho 74133

Maruyama, T. *see* Yamamoto, T. 106945

Maruyama, Y., Kato, M., Arisawa, T. Effects of excited-state absorption and amplified spontaneous emission in a high-average-power dye laser amplifier pumped by copper vapor lasers 75822

Maruyama, Y. *see* Fontamoto, M. 115765

Maruyama, Y. *see* Fujimoto, K. 64494

Maruyama, Y. *see* Sugiyama, A. 75823

Maruyama, Y. *see* Suzuki, A. 84939

Maruyama, Y. *see* Suzuki, A. 113554

Maruyama, Y. *see* Tanaka, S. 81107

Maruyama, Y. *see* Yamagata, K. 68204

Marvasti, F. *see* Koshi, V. 76698

Marvasti, F. *see* Sharaf, A. 97905

Marvin, A.C. EMC and its role in spectrum conservation 79117

Marvin, A.C., Dawson, L. Experience of correlating measurements in the frequency range 1 MHz to 30 MHz 65877

Marvin, A.C. *see* Clegg, J. 85899

Marvin, A.C. *see* Konefal, T. 107955

Marvin, A.C. *see* Robinson, M.P. 97181

Marvin, A.C. *see* Turnbull, L. 85897

Marvin, D. *see* Curtis, H. 70415

Marvin, T.P. Single-photoelectron noise reduction in scintillation detectors 100885

Marwedel, P. *see* Leupers, R. 93496

Marwedel, P. *see* Niemann, R. 73035

Marwood, W. *see* Beaumont-Smith, A. 113906

Marx, A. *see* Gross, R. 64557

Marx, B. Light touch [lasers in material processing] 82161

Marx, B. Laser and electro-optic based sensors 89052

Marx, D. *see* Tsoukatos, A. 64378

Marx, F.E., Linde, L.P. DSP implementation of a generic DSSS transmitter 88102

Marx, G.T. Privacy and technology 98532

Marx, J.M., Eknoyan, O., Taylor, H.F., Neurgaonkar, R.R. GHz-bandwidth optical intensity modulation in self-poled waveguides in strontium barium niobate (SBN) 85064

Marx, M., Schlogl, A., Eder, K., Schroder, D. Comparison of zero-voltage-switching converters at low temperatures 121570

Marx, M., Schmandt, C. Putting people first: specifying proper names in speech interfaces 66563

Marx, M., Schroder, D. A novel zero-current-transition full-bridge DC-DC converter 121627

Marx, M. *see* Dohlus, M. 89660

Marxer, C., Gretillat, M.A., Jaecklin, V.P., Baettig, R., Anthamatten, O., Vogel, P., de Rooij, N.F. Megahertz opto-mechanical modulator 85084

Mary, K. *see* Abdel-Wahab, H. 112811

Mary, P. *see* Marec, R. 73386

Mary, P. *see* Marec, R. 104564

Maryi, R.J. *see* Conrad, J.R. 63249

Maryni, P. *see* Bolla, R. 77671

Marz, R. Computer-aided engineering for integrated optics 95800

Marz, R. *see* Schmidt, F. 116975

Marzal, J. *see* Cruz, J.L. 119692

Marzani, F., Legrand, L., Dusserre, L. The Fourier adaptive smoothness constraint for computing optical flow on sequences of angiographic images 110693

Marzani, F. *see* Legrand, L. 110692

Marzano, F.S. *see* Pierdicca, N. 90807

Marziani, M. *see* Beccherle, R. 80297

Marziani, M. *see* Del Guerra, A. 101315

Marzin, J.Y. *see* Gerard, J.M. 63082

Marzin, J.Y. *see* Gerard, J.M. 72844

Marzin, J.Y. *see* Gerard, J.M. 85549

Marzin, J.Y. *see* Moison, J.M. 61176

Marzin, J.Y. *see* Pepin, A. 83916

Marzio, L. Strategic opportunities for R&D collaboration in the field of power systems 120983

Marzo, C.N.De *see* De Marzo, C.N.

Marzo-Lazaro, J.L. *see* Fabregat-Gesa, R. 77576

Marzocca, C. *see* Beole, S. 110562

Marzocca, C. *see* Corsi, F. 73185

Marzocca, C. *see* De Sousa, J.T. 115307

Marzoug, M., Amayenc, P. A class of single- and dual-frequency algorithms for rain-rate profiling from a spaceborne radar. I. Principle and tests from numerical simulations 80640

Marzouk, R.A. *see* Ismail, K.S. 91955

Marzouki, A., Delignon, Y., Pieczynski, W. Unsupervised statistical segmentation of multispectral SAR images using generalized mixture estimation 111139

Marzouki, M., Castro Alves, V., Ribeiro Antunes, A. High-level synthesis for testability 93201

Marzouki, M., Osseiran, A. The IEEE boundary scan standard: a test paradigm to ensure hardware system quality 82160

Marzouki, M. *see* Mohamed, F. 72244

Marzouki, M. *see* Touati, M.H. 73246

Marzouki, M. *see* Zorian, Y. 94127

Marzulli, V. *see* Avanzini, C. 90225

Marzullo, K. *see* Alvisi, L. 98473

Marzullo, K. *see* Sussman, J.B. 98478

Mas, G. *see* Casaubieilh, F. 82866

Mas, O. *see* Laredo, J. 67872

Mas, P., Delmotte, P., Sas, P. Noise source identification based on measurements of cross-correlation functions 110469

Mas, R. *see* Munoz, J. 74925

Mas-Casals, O. *see* Miro-Sans, J.M. 82903

Masada, E. *see* Kitahara, H. 91903

Masada, E. *see* Ohashi, S. 91902

Masaike, A. *see* Daigo, M. 120105

Masaki, A., Matsuda, H., Okada, S., Shimada, S., Takeda, H., Shinbo, H., Hayamizu, K., Nakanisi, F., Nakanishi, H. Modification of optical properties of polydiacetylenes for non-linear optics 76157

Masaki, A. *see* Shimada, S. 76227

Masaki, K. *see* Ishizaki, A. 100324

Masaki, K. *see* Kikuchi, M. 106704

Masaki, M. *see* Hayakawa, Y. 92666

Masaki, M. *see* Hayakawa, Y. 113269

Masaki, M. *see* Iida, K. 64049

Masaki, T., Itami, T., Kuribayashi, K., Hinada, M., Kawasaki, K. The experimental apparatus for electrical resistivity measurements of liquid metals and alloys under microgravity due to the launch of a rocket 79647

Masaki, Y. *see* Qu, W.F. 74513

Masalkar, P.J. *see* Asundi, A. 79459

Masalov, V. *see* Glazov, A. 90098

Masan, G. *see* Bode, C. 113005

Masaoka, H. *see* Takada, A. 73456

Mascalchi, S. *see* Lapucci, A. 65028

Mascalchi, S. *see* Lapucci, A. 85370

Mascarenhas, A. *see* Froyen, S. 62733

Mascello, A. *see* de Santis, P. 65391

Mascher, P. *see* Friessnegg, T. 105534

Mascher, P. *see* Mahony, J. 105137

Mascher, P. *see* Song, K.C. 100027

Mascherpa, C. *see* Campi, F. 120189

Maschio, A., Bertolini, E., Bottereau, J.M., Crisford, D., D'Andrea, G., DeLorenzi, A., Geeves, S., Lefebvre, H., Murphy, G., Scarpellini, P. Assessment of the suitability of the European 400 kV grid to supply the ITER load 102873

Maschio, A. *see* Benfatto, I. 112060

Maschio, A. *see* Roshal, A. 102884

Maschke, K. *see* Berthod, C. 62877

Maschuw, R. *see* Albers, D. 69756

Masciovecchio, C. *see* Verbeni, R. 110628

Masciulli, P. *see* Bertolotti, M. 95727

Masciulli, P. *see* Bertolotti, M. 95774

Masciulli, P. *see* Bertolotti, M. 96717

Mascoli, M., Cicchetti, A., Listanti, M. Alternative scenarios for data applications via Internet-mobile and DECT-ATM interworking 68291

Mascolo, G., Contu, S., Mizzoni, R., Borchi, S. A double dichroic subreflector reflective at X, Ku and Ka-bands and transparent at S-band 66084

Mascolo, G. *see* Mizzoni, R. 76617

Mascolo, G.R. *see* Barbarossa, S. 68585

Mascolo, S., Cavendish, D., Gerla, M. ATM rate based congestion control using a Smith predictor: an EPRCA implementation 87334

Mascolo, S. *see* Gerla, M. 117994

Mascomani, R. *see* Prabu, S.V. 99961

Mascureau, J.De *see* De Mascureau, J.

Mase, K., Kawano, H. Traffic design method for switched telecommunication networks with double homing and combined switching 87277

Mase, K., Kurakami, H. A method for generating and evaluating SDH network structure 118162

Maseeh, F. MEMS: a current or a future technology? 84657

Maseeh, F. *see* Yie He 74897

Masegawa, M., Fukagawa, T., Mimura, M., Makimoto, M. Homodyne receiver technology for small and low-power consumption mobile communications equipment 88262

Masegi, T., Kimura, S., Yamada, Y., Fujioka, T. 7.5 kA high-Tc superconducting current lead 91191

Masegi, T. *see* Yamamoto, K. 91233

Masek, G. *see* Asner, D. 90163

Masek, J., Fach, A., John, J., Mueller, P., Paglino, C., Zogg, H., Buttler, W. Thermal imaging camera with linear $Pb_{1-x}Sn_xSe$-on-Si infrared sensor array and combined JFET/CMOS read-out electronics 110153

Masek, J. *see* Muller, P. 114846

Masek, J. *see* Paglino, C. 69234

Masek, J. *see* Zogg, H. 69274

Masek, K. *see* Woryna, E. 110530

Maselli, F.P., Wilkie, J., Innocenti, M. Reduced order H_∞ compensator for an aeroengine control problem 80579

Maseng, T. *see* Larsson, A. 109551

Maser, K., Berger, H.H., Krauser, J., Braeunig, D. The influence of silicon oxide layer thickness on hydrogen accumulation in the SiO_2/Si transition zone 105496

Masera, G. *see* Petre, M.-E. 97487

Maserti, E. *see* Svanberg, S. 101579

Masetti, E. *see* Larciprete, R. 113324

Masetti, F., Benoit, J., Brillouet, F., Gabriagues, J.M., Jourdan, A., Renaud, M., Bottle, D., Eilenberger, G., Wunstel, K., Schilling, M., Chiaroni, D., Gavignet, P., Jacob, J.B., Bendelli, G., Cinato, P., Gambini, P., Puleo, M., Martinson, T., Vogel, P., Durhuus, T., Joergensen, C., Stubkjaer, K., Baets, R., Van Daele, P., Bouley, J.C., Lefevre, R., Bachmann, M., Hunziker, W., Melchior, H., McGuire, A., Ratovelomanana, F., Vodjdani, N. High speed, high capacity ATM optical switches for future telecommunication transport networks 78317

Masetti, F. *see* Dumortier, P. 78864

Masetti, F. *see* Jourdan, A. 78904

Masetti, F. *see* Jourdan, A. 88603

Masetti, G., Graffi, S., Golzio, D., Kovacs-V, Z.M. Failures induced on analog integrated circuits by conveyed electromagnetic interferences: a review 93152

Masetti, G. *see* Graffi, S. 95198

Masetti, G. *see* Speciale, N. 115163

Masetti, M. *see* Gabrielli, A. 83250

Masetti, M. *see* Gabrielli, A. 100915

Masetti, M. *see* Gabrielli, A. 113982

Masgonty, J.-M. *see* Piguet, C. 113967

Masgrangeas, M. *see* Coello-Vera, A. 114487

Mashali, S.A. *see* Mahmoud, A.M. 93413

Mashechkin, I.V. *see* Daniyarkhodzhaev, T.I. 108131

Mashendzhinov, V.I., Revich, V.E., Sudarikov, V.V., Vorobjev, V.P. Pulsed HF(DF) ORTL 116362

Mashendzhinov, V.I. *see* Baranov, N.V. 116363

Mashiko, K. *see* Makino, H. 61811

Mashiko, K. *see* Makino, H. 61826

Mashiko, K. *see* Makino, H. 61852

Mashiko, K. *see* Makino, H. 93279

Mashiko, K. *see* Morinaka, H. 61825

Mashiko, K. *see* Noda, A. 79988

Mashiko, K. *see* Sato, H. 78535

Mashiko, K. *see* Shirai, T. 89766

Mashiko, K. *see* Suzuki, H. 93258

Mashiko, K. *see* Ueda, K. 73203

Mashiko, S. *see* Kikuchi, S. 98080

Mashiko, Y., Koyama, T., Koyama, H. A new failure analysis technique using the thermo-electromotive force induced by laser irradiation 112863

Mashiko, Y. *see* Mazumder, M.K. 94620

Mashiko, Y. *see* Watanabe, H. 115206

Mashimo, K., Nakamura, T., Tanimura, Y. Optical noncontact measuring instrument for 3-D shapes. III. Expansion of detecting range with a low resolution optical system 100331
Mashimo, K. *see* Nogami, H. 74558
Mashimo, K. *see* Nogami, H. 94767
Mashimo, T., Tashiro, S., Hirosawa, S., Makita, K. Fully dense $Sm_2Fe_{17}N_x$ permanent magnets prepared by shock compression 84840
Mashimo, Y. *see* Mashino, S. 113517
Mashino, S., Mashimo, Y., Horiya, T., Shiwa, M., Kishi, T. Analysis of microfracture mechanism of titanium alloy by acoustic emission technique 113517
Mashkovsky, D.A. *see* Grechin, S.G. 116438
Mashoshin, A.I. Synthesis of algorithms for the classification of underwater objects from their underwater sound field 76890
Mashtakov, A.D., Kornev, V.K., Ovsyannikov, G.A. Elementary cells for multielement synchronous Josephson structures 106678
Masi, M., Fogliani, S., Carra, S. Detailed modeling of barrel chemical vapor deposition reactors 61272
Masiak, P. *see* Englert, B.-G. 96074
Masiello, R.D. It's put up or shut up for grid controls 101840
Masik, J. *see* Ajinenko, I. 90197
Masini, G. *see* de Cesare, G. 75730
Masini, G. *see* Lazarouk, S. 94577
Masini, G. *see* Lazarouk, S. 94904
Masini, G. *see* Lazarouk, S. 96036
Masini, R. *see* Olzi, E. 115906
Maskarinec, G.J., Onaral, B. Time domain characteristics of rational systems with scale-invariant frequency response 61519
Maslanik, J. *see* Heinrichs, J. 111297
Maslanik, J. *see* Meier, W. 111251
Maslanik, J. *see* Thames, P. 120746
Maslanik, J.A. *see* Oleson, K.W. 120664
Maslen, E.H. *see* Meeker, D.C. 85815
Maslennikov, L.A. *see* Grishaev, S.I. 69796
Maslennikov, S.P. *see* Yakushev, V.V. 69094
Maslennikov, V.A. *see* Makarov, Y.V. 101897
Maslennikov, V.A. *see* Voskoboinikov, S.P. 70634
Maslouh, M., Bouillault, F., Verite, J.-C., Bossavit, A. From Bean's model to the H-M characteristic of a superconductor: some numerical experiments 95453
Maslouhi, A. *see* Beland, S. 113604
Maslov, K. *see* Kundu, T. 61466
Maslov, O.N. Simulation of the statistical characteristics of active phased antenna arrays using stable distributions 108061
Maslov, V.V. *see* Bursian, E.V. 116718
Maslovski, S.I. *see* Tretyakov, S.A. 85817
Maslow, A. *see* Macedonia, C. 90334
Maslowski, A. *see* Brown, O. 83642
Maslyaev, P.F. *see* Toivonen, M. 90661
Maslyanitsyn, I.A. *see* Belovolova, I.V. 85578
Masmoudi, A., Kamoun, M.B.A. On the steady state stability comparison between voltage and current controls of the doubly fed synchronous machine 91486
Masnata, A., Sunseri, M. Neural network classification of flaws detected by ultrasonic means 72984
Masnavi, M. *see* Ghoranneviss, M. 113433
Masnicki, R. *see* Mindykowski, J. 112535
Masoero, A. *see* Bianco, A. 84849
Masoller, C. Effect of the external cavity length in the dynamics of a semiconductor laser with optical feedback 85490
Mason, A., Rytchenkov, V. Fiber optic repeater with compensation of pulse width distortion 100944
Mason, A. *see* Nelson, A.J. 103011
Mason, A.J. Implementation of an MPEG 2 layer III multichannel audio encoder running in real time 119504
Mason, A.R. *see* Gessert, T.A. 91731
Mason, A.R. *see* Pehnt, M. 104078
Mason, B. *see* Bardwell, J.A. 62682
Mason, B. *see* Dubowski, J.J. 107657
Mason, B. *see* Hsu, Y.T. 110621
Mason, B. *see* Lovett, S.J. 115193
Mason, B. *see* Welten, M. 84552
Mason, B.F. *see* Schmuki, P. 69494
Mason, D. *see* Arodzero, A. 80036
Mason, D.C., Davenport, I.J. Accurate and efficient determination of the shoreline in ERS-1 SAR images 111169
Mason, G.F. *see* Hetherington, H.P. 101301
Mason, I., Guy, S., Sage, I., McDonnell, D., Cameron, N., Sherrington, D. A switchable liquid crystal impregnated porous polymer device 95879
Mason, J. *see* Bayraktaroglu, B. 83382
Mason, J. *see* Ostermayer, G. 64897
Mason, J.L. *see* Brown, L.F. 82803
Mason, J.L. *see* Brown, L.F. 111380
Mason, J.R. Thermal evaluation of simulated finish and flatness conditions typical to MCM and MPU applications 103441
Mason, J.S. *see* Le, T.T. 86121
Mason, J.S. *see* Sweder, J. 83467
Mason, L., Casaca, A. *(editors)* Broadband Communications. Global Infrastructure for the Information Age. Proceedings of the International IFIP-IEEE Conference on Broadband Communications 103242
Mason, L.G., Pelletier, A., Lapointe, J. Towards optimal policing in ATM networks 87292
Mason, L.G. *see* Dziong, Z. 108946
Mason, L.G. *see* Vazquez-Abad, F.J. 117948
Mason, M.F. *see* Street, A.J. 84927
Mason, N.J. *see* Cao, S. 114686
Mason, N.J. *see* Daly, M.S. 62901
Mason, N.J. *see* Daly, M.S. 63023
Mason, N.J. *see* Daly, M.S. 105364
Mason, N.J. *see* Grey, R. 119674
Mason, N.J. *see* Klipstein, P.C. 103844
Mason, N.J. *see* Nicholas, R.J. 62973
Mason, N.J. *see* Vaughan, T.A. 62863
Mason, P.C., Cullen, J.M., Lobley, N.C. UMTS architectures 78396
Mason, P.I. *see* White, I.H. 78705
Mason, R. *see* Hack, D. 81179
Mason, R. *see* Raum, C. 74971
Mason, R. *see* Simon, B. 74844
Mason, R. *see* Toth, J.M. 99683
Mason, R. *see* Veitch, B. 77295
Mason, R. *see* Zhu, A. 78996
Mason, R.C. *see* Kanda, H. 83639
Mason, S.E., Hall, G., Watson, K.L. Results of the acoustic emission monitoring of pre-cure contaminated carbon fibre composite material tested using the interlaminar shear test 113614
Mason, T. *see* Finn, N. 77955
Mason, W., Kravchenko, S.V., Furneaux, J.E. Experimental evidence of the Coulomb gap in a high-mobility 2D electron system in silicon 105128
Mason, W. *see* Furneaux, J.E. 106038
Masoomzadeh-Fard, A., Pasupathy, S. Equalization of indoor fading channels with differentially coherent demodulation 88120
Masoomzadeh-Fard, A., Pasupathy, S. Combined equalization and differential detection using precoding 109346
Masot, F., Remley, K.A., Kollipara, R.T., Weisshaar, A., Tripathi, V.K. Velocity matching for field-induced electrooptic modulators 95816
Masotti, D. *see* Rizzoli, V. 114243
Masotti, L. *see* Capineri, L. 69983
Masri, P., Siviniant, J. Semiconductor heterointerfaces, continuity conditions, heteroepitaxy and materials physics 114709
Masri, W., Mina, M., Udpa, S.S., Udpa, L., Xue, T., Lord, W. Synthetic aperture focusing techniques applied in the near field of a focused transducer 111391
Masry, E. Random fields and their wavelet transforms and representation: covariance and spectral properties 66734
Masry, E. Convergence properties of wavelet series expansions of fractional Brownian motion 97821
Masry, E., Tjostheim, D. Nonlinear autoregressive exogenous time series: structural identification via projection estimates 117515
Masry, E. *see* Modha, D.S. 66200
Mass, J.L., Burlitch, J.M., Markgraf, S.A., Higuchi, M., Dieckmann, R., Barber, D.B., Pollock, C.R. Oxygen activity dependence of the chromium (IV) population in chromium-doped forsterite crystals grown by the floating zone technique 113281
Massa, A. *see* Caorsi, S. 103793
Massa, A. *see* Caorsi, S. 107851
Massa, G.Di *see* Di Massa, G.
Massa, J.S., Buller, G.S., Walker, A.C., Simpson, J., Horsburgh, G., Mullins, J.T., Prior, K.A., Cavenett, B.C. A study of the excess carrier dynamics in ZnSe based structures grown by molecular beam epitaxy 74371
Massa, R. *see* Bianchi, M. 90697
Massa, R.A. *see* McConnell, R.K., Jr. 89159
Massai, M.M. *see* Angelini, F. 69127
Massai, M.M. *see* Angelini, F. 80046
Massam, T. *see* Benotto, F. 69866
Massara, R.E. *see* Bensouiah, D.A. 93076
Massardo, A. *see* Bisio, G. 91358
Massari, F. *see* Bava, E. 65405
Massarini, A., Kazimierczuk, M.K., Grandi, G. Lumped parameter models for single- and multiple-layer inductors 114349
Massarini, A., Kazmierczuk, M.K. A new representation of Dirac impulses in time-domain computer analysis of networks with ideal switches 113665
Massarotti, A. *see* Bocchetta, C.J. 79809
Massarotti, A. *see* Bulfone, D. 76053
Massarotti, A. *see* Fabris, A. 100659
Massarotti, A. *see* Walker, R.P. 96521
Massarotti, V. *see* Corti, M. 84770
Massart, M., Union, P., Scarsbrook, G.A., Sussmann, R.S., Muys, P. CVD ground diamond: a new material for high power CO_2-lasers 106750
Massaud, A.G., Salomao, J.C.S., Vaisman, R., Cordeiro, M., Meirelles, M.P. Analysis of overvoltage control on half wave length Amazon transmission system 111551
Masse, C. *see* Tripathy, S. 85591
Masse, G., Djessas, K., Guenoun, K., Smith, A. Growth of $CuInSe_2$, $Cu(In,Ga)Se_2$ and $CuIn(Se,S)_2$ films on SnO_2 thin film substrates 94336
Masse, P. *see* Rothan, F. 69311
Massee, P., Rijanto, H. Automatic determination of the optimum delay-time adjustment of protection relays 102257
Massee, P. *see* Liao, B. 101743
Masselink, H.G.G. Digital signal processing (DSP) technology applied to the testing of unshielded twisted pair (UTP) cables in a local area network (LAN) 88071
Masselink, R. *see* Tavrov, A. 110797
Massen, R. Multisensorial cameras in industrial quality inspection 108737
Massengale, A. *see* Kameyama, A. 62289
Massengill, L.W. Cosmic and terrestrial single-event radiation effects in dynamic random access memories 61874
Masserant, B., Stuart, T. Experimental verification of calculated IGBT losses in PFCs 93105
Massetani, R. *see* Rossi, B. 90504
Massey, G.W. The impact of installing power factor improvement capacitors: an overview and case study 70893
Massey, G.W. Design solutions for harmonic load current effects on electrical power distribution equipment 91132
Massey, J.L. Causal interpretations of random variables 117125
Massey, J.L., Serconek, S. Linear complexity of periodic sequences: a general theory 97531
Massey, N. Panther-H, an intelligent HF frequency hopper 101636
Massey, P., Mathys, P. Rotating group codes for the ISI channel 66400
Massey, W.A., Parker, G.A., Whitt, W. Estimating the parameters of a nonhomogeneous Poisson process with linear rate 98434
Massi, M., Comoretto, G., Rioja, M., Tofani, G. Baseline errors on European VLBI Network measurements. II. Instrumental polarization 68823
Massie, S.T. *see* Lambert, A. 120778
Massies, J., Leroux, M., Martinez, Y., Vennegues, P., Lauegt, S. Molecular beam epitaxy of $GaSb/Al_xGa_{1-x}Sb$ quantum well structures 61228
Massies, J. *see* Bouhacina, T. 94337
Massies, J. *see* Grandjean, N. 72796
Massies, J. *see* Grandjean, N. 114904
Massies, J. *see* Mesrine, M. 72805
Massimo Brancaccio, F. *see* Barbiellini, G. 69722
Massines, F. *see* Messaoudi, R. 115408
Massini, C., Sorrentino, R., Heinzelmann, R., Stohr, A., Jager, D., Bellanca, G., Bassi, P. Theoretical analysis of ultrafast InGaAs/GaAs MQW modulators and comparison to experimental devices 99588
Massler, H. *see* Krems, T. 83480
Massler, H. *see* Schlechtweg, M. 114321
Massmann, A., Posch, S. Mask-oriented grouping operations in a contour-based approach 87044
Massmann, P., Belchenko, Y., Bottereau, J.-M., Brugnetti, R., Bucalossi, J., Desgranges, C., Fumelli, M., Jacquot, C., Pamela, J., Riz, D., Simonin, A., Trainham, R. The Cadarache negative ion experiments 110526
Massmann, V. *see* Senge, M. 119497
Massobrio, G., Martinoia, S. Modelling the ISFET behaviour under temperature variations using BIOSPICE 63687
Massof, R.W., Rickman, D.L., Lalle, P.A. Low-vision enhancement system 90619
Massof, R.W. *see* Dagnelie, G. 70222
Massol, J.-L. *see* Leturcq, P. 115135
Massoletti, D., Kim, C.H., Jackson, A. Emittance measurements in the ALS Booster Synchrotron 79870
Masson, B.L. *see* Pfeiffer, C.G. 88955
Masson, D.R. *see* Gupta, D.P. 72400
Masson, G.Le *see* Le Masson, G.
Masson, G.M. *see* Yuanyuan Yang 77775
Masson, J.-P. *see* Trolliet, B. 72248
Masson, R. *see* Kelly, B. 67892
Masson, S.Le *see* Le Masson, S.
Massone, C.A. *see* Tsui, K.H. 75786
Massonnet, D. SAR interferometry and the monitoring of the Earth surface at centimeter level 90748
Massonnet, D., Feigl, K.L., Vadon, H., Rossi, M. Coseismic deformation field of the M=6.7 Northridge, California earthquake of January 17, 1994 recorded by two radar satellites using interferometry 90740
Massonnet, D. *see* Rossi, M. 70464
Massonnet, D. *see* Tarayre, H. 90783
Massopust, P.R., Ruch, D.K., Van Fleet, P.J. On the support properties of scaling vectors 97820
Massoud-Ansari, S., Mangat, P.S., Klein, J., Guckel, H. A multi-level, LIGA-like process for three dimensional actuators 74945
Massoud-Ansari, S. *see* Guckel, H. 106265
Massoumi, M. *see* Placer, J. 61536
Massucco, A.A. *see* Jie Shi 81659
Massucco, S., Morini, A., Siewierski, T. Transient stability assessment: setting-up a direct-method based tool for expert system environment 101885
Massucco, S. *see* Berizzi, A. 111458
Massucco, S. *see* Marchionni, A. 80950
Masszi, F. *see* Hallen, A. 62677
Masszi, F. *see* Keskitalo, N. 74343
Masszi, F. *see* Tarnay, K. 63681
Masteller, M.S., Bowman, J.W., Li, L. High temperature aging behavior of high strength 49%Co-1.9%V-0.3%Nb-Fe soft magnetic alloy 115577
Master, R.N. *see* Brofman, P.J. 82211
Masterman, H.C. *see* Rayson, J.K. 89434
Masters, L.T., Mark, M.B., Duncan, B.D. Analysis of ladar range resolution enhancement by sinusoidal phase modulation 88717

Masters, M., Slinkman, J., Kaszuba, P. Qualitative Kelvin probing for diffusion profiling [VLSI failure analysis] 95134
Masters, M.W. *see* Rakov, V.A. 65882
Masterson, E. *see* Baumbaugh, B. 89063
Masterson, E. *see* Baumbaugh, B. 100882
Masti, H. *see* Buchner, S. 104554
Masti, M. *see* Buchner, S. 73389
Mastinu, P.F., Milazzo, P.M., Bruno, M., D'Agostino, M. A procedure to calibrate a multimodular telescope 68945
Mastorakis, N.E. Singular value decomposition in multidimensional arrays 82358
Mastorakis, N.E. Fractional sample delay FIR filters 97812
Mastorakis, N.E. Recursive algorithms for two-dimensional filters' spectral transformations 117334
Mastorakou, I. *see* Ismailos, E. 90454
Mastovsky, I. *see* Catravas, P. 76055
Mastovsky, I. *see* Visosky, M.M. 105001
Mastovsky, I. *see* Volfbeyn, P. 85542
Mastracci, F. *see* Buccioni, P. 97197
Mastragostino, M. *see* Arbizzani, C. 73826
Mastrangelo, A. *see* Chiaraluce, F. 97483
Mastrangelo, C.H., Xia Zhang, Tang, W.C. Surface-micromachined capacitive differential pressure sensor with lithographically defined silicon diaphragm 79297
Mastrangelo, C.H. *see* Hasanuzzaman, M. 74810
Mastrangelo, C.H. *see* Man, P.F. 74890
Mastrangelo, C.H. *see* Webster, J.R. 79572
Mastrangelo, C.H. *see* Wise, K.D. 95231
Mastrangelo, C.M., Runger, G.C., Montgomery, D.C. Statistical process monitoring with principal components 72337
Mastrapasqua, M., King, C.A., Smith, P.R., Pinto, M.R. Functional devices based on real space transfer in Si/SiGe structure 104512
Mastri, F. *see* Rizzoli, V. 73678
Mastri, F. *see* Rizzoli, V. 93754
Mastri, F. *see* Rizzoli, V. 114243
Mastri, F. *see* Rizzoli, V. 114304
Mastrocola, A. *see* Un-Ku Moon 106226
Mastrocolla, V. *see* Kosonocky, W.F. 79546
Mastroforti, M. Up-link capacity evaluation of a PRMA based system in a terrestrial radio mobile environment 78420
Mastrogiacomo, L. *see* Di Fabrizio, E. 74658
Mastroianni, C. *see* Beraldi, R. 88205
Mastronardi, C. *see* Marino, F. 117863
Mastronardi, F. *see* Introna, F., Jr. 117884
Mastronardi, G. *see* Introna, F., Jr. 77522
Mastuki, H. *see* Takahashi, K. 70242
Masubuchi, E. *see* Konuma, K. 69286
Masuda, A., Yonezawa, Y., Morimoto, A., Kumeda, M., Shimizu, T. X-ray photoelectron spectroscopy and electron spin resonance studies on O_2 and N_2O plasma oxidation of silicon 105658
Masuda, A., Yonezawa, Y., Morimoto, A., Shimizu, T. X-ray photoelectron spectroscopy of GaN layer formed on GaAs by NH_3-plasma nitridation and successive excimer-laser irradiation 114629
Masuda, A. *see* Nakamura, T. 113465
Masuda, C. *see* Yamawaki, H. 82790
Masuda, E. *see* Kobayashi, T. 64620
Masuda, H. *see* Fujimoto, H. 94723
Masuda, I. *see* Iizawa, J. 87883
Masuda, K. *see* Hara, H. 100880
Masuda, K. *see* Nagakura, T. 110939
Masuda, K. *see* Okada, H. 90146
Masuda, K. *see* Okazaki, T. 110804
Masuda, M. *see* Inoshiri, R. 77219
Masuda, M. *see* Miyazaki, D. 85225
Masuda, M. *see* Shiomi, S. 84818
Masuda, N., Negishi, T. Determination of magnetic bias for semiconductive magnetoresistance element 95388
Masuda, S., Fujioka, S., Honma, M., Nose, T., Sato, S. Dependence of optical properties on the device and material parameters in liquid crystal microlenses 116131
Masuda, S., Ishihara, T., Endo, H. Resident facsimile data exchange equipment 67720
Masuda, S., Kakuno, K. Attenuation of magnetoelastic waves in amorphous wires, and its applications 64199
Masuda, S. *see* Funato, S. 105772
Masuda, S. *see* Mori, T. 102890
Masuda, S. *see* Mutoh, T. 108043
Masuda, S. *see* Oda, T. 112638
Masuda, S. *see* Takemura, Y. 64245
Masuda, T., Suzawa, C., Shibata, T., Isojima, S., Kato, T., Sato, K. Implementation of 2000A class high-Tc current leads for the superconducting compact SR ring "NIJI-III" 89630
Masuda, T., Yamaguchi, T., Mikoshiba, S. New category contour noise observed in pulse-width-modulated moving images 89254
Masuda, T. *see* Kishida, T. 70931
Masuda, T. *see* Mochizuki, K. 119601
Masuda, T. *see* Nakanishi, H. 110295
Masuda, W. *see* Fujii, H. 116316
Masuda, W. *see* Komi, T. 116328
Masuda, Y. Personal communication services in Japan and some related infrastructure products 99254
Masuda, Y. Preparation and ferroelectric properties of $Pb(Zr,Ti)O_3$ films by sol-gel processing 115425
Masuda, Y. *see* Kishi, M. 118750
Masuda, Y. *see* Okada, Y. 68253
Masuda, Y. *see* Seki, H. 100247
Masugata, K. *see* Komi, T. 116328
Masugata, K. *see* Miyamoto, S. 69601
Masugata, K. *see* Sonegawa, T. 106297
Masugata, K. *see* Sonegawa, T. 113461
Masugi, M., Aida, M. Study on cell loss rate estimation in ATM networks using neural network 117946
Masuhara, H. *see* Sasaki, K. 117531
Masui, H. *see* Esmailzadeh, R. 118983
Masui, H. *see* Keller, S. 72783
Masui, H. *see* Ushigami, Y. 75090
Masui, K. Construction of an information network system throughout a corporation with "STAR OFFICE" 67804
Masui, K. *see* Hosoya, F. 73892
Masui, M., Ogawa, T., Takeuchi, M. Electrochromic behavior of amorphous cobaltphthalocyanine thin films 64590
Masui, N., Kiziyama, T., Ohashi, K., Chida, R. Business processes, functions and GUI in the multimedia service operation system 109190
Masui, S., Hirose, T. Global client/server architecture of the 21st century 118472
Masui, T., Isoda, H., Mochizuki, T., Ushimi, T., Takahashi, M., Kaneko, M., Shirakawa, T. Pseudodynamic imaging of the temporomandibular joint: SE versus GE sequences 90292
Masukawa, S. *see* Monden, Y. 91397
Masuko, J. *see* Nagai, A. 112305
Masulli, F. *see* Parenti, R. 99835
Masullo, P.G. *see* Barbaliscia, F. 99453
Masum, A. *see* Echtle, K. 98449
Masum, J., Parmiter, P., Hall, T.J., Crouch, M. Current analysis of polyimide passivated InGaP/GaAs HBT 115168
Masuma, Y. *see* Maruyama, S. 109958
Masumaru, T. *see* Maekawa, T. 90154
Masumi, T., Isobe, M. Basic principles of superconductive optoelectronic devices 64543
Masumi, T. *see* Nakanishi, K. 89435
Masumi, T. *see* Tahata, S. 95854
Masumoto, K., McGahan, W.A. Electromagnetic applications of intermetallic compounds 115654
Masumoto, T. *see* Inoue, A. 64252
Masumoto, T. *see* Inoue, A. 95343
Masumoto, T. *see* Kawamura, Y. 95342
Masumoto, T. *see* Makino, A. 95341
Masumoto, T. *see* Ohnuma, S. 64286
Masumoto, T. *see* Sugawara, E. 64347
Masumoto, Y., Kawazoe, T. Luminescence hole burning in semiconductor quantum dots 74301
Masumoto, Y. *see* Kawakami, Y. 74335
Masumoto, Y. *see* Yamada, Y. 74379
Masumoto, Y. *see* Yamaguchi, S. 94550
Masunari, H., Jyo, Y. Switched capacitor circuits with compensator for clock feedthrough effects 61590
Masunov, E.S. Methods for increasing of beam intensity in undulator linear accelerator 89728
Masuoka, F., Endoh, T. Flash memories, their status and trends 83110
Masuoka, F. *see* Iizuka, H. 93367
Masuoka, J. *see* Endoh, T. 93373
Masuoka, S. *see* Abiko, H. 84594
Masur, K.-D. GSM data transmission at low, medium and very high speeds of travel 99370
Masur, K.-D. GSM data transmission for ETCS [rail traffic control] 118312
Masur, P.O. *see* Glass, H.D. 100644
Masure, E. *see* Slater, T. 84650
Masut, R.A. *see* Ababou, Y. 114605
Masut, R.A. *see* Cleton, F. 62807
Masut, R.A. *see* Sundararaman, C.S. 104842
Masuya, H. *see* Tsukamoto, H. 94892
Masuyama, M. *see* Kuroda, T. 79547
Masuyama, S. *see* Shimada, M. 108437
Masuyama, S. *see* Yamamoto, H. 84868
Masuyama, T. *see* Naito, J. 69981
Masuzawa, N. *see* Xiao-Liang Bai 91707
Masuzawa, T. *see* Mojtahedi, H.A. 120514
Masuzawa, T. *see* Sun, X.-Q. 74948
Maswood, A.I. *see* Goel, L. 92092
Mata, S. *see* Canizares, P. 119364
Matabon, M. *see* Hornung, V. 96062
Matada, S. *see* Rudolph, P. 92668
Matafonov, V.N. *see* Anischenko, N.G. 120106
Matafonov, V.N. *see* Ball, J. 120096
Matafonov, V.N. *see* Borisov, N.S. 120104
Matagne, E. *see* El-Bachtiri, R. 93131
Mataibaev, V.V. *see* Frolov, A.V. 86903
Mataibaev, V.V. *see* Frolov, A.V. 86904
Matakas, L., Jr., Burlacu, C., Hasada, E. High power, high performance parallel connected multiconverters: analysis and control 71498
Matalgah, M., Knopp, J. Hybrid wavelet-Fourier transform: a new algorithm for spectral analysis of non-stationary signals 76912
Matalgah, M. *see* Knopp, J. 75662
Matani, A., Ban, Y., Oshiro, O., Chihara, K. A system for superimposing a 3-dimensional stereoscopic motion echo image of the heart onto the chest 90306
Matani, A., Oshiro, O., Chihara, K. Doppler signal processing of blood flow using a wavelet transform 90308
Matanic, I. Impact of bit rate reduction on TV picture quality 79150
Matano, T. *see* Saeki, T. 73369
Mataras, D. *see* Kounavis, P. 94425
Matasov, A.I. Guaranteed sensitivity of the Kalman filter to uncertainty in noise intensities 76950
Matay, G. A precision method for calibration of power density meters 79683
Matay, G. *see* Veres, Z. 79172
Matay, L. Electrical and physical properties of thin polyimide films in structure metal-polyimide-semiconductor (MPS) 74484
Matayoshi, N. *see* Takara, T. 97602
Matei, C., Tiplea, F.L. (0,1)-total pure context-free grammars 108147
Matei, C. *see* Minea, R. 100762
Matej, S., Browne, J.A. Performance of a fast maximum likelihood algorithm for fully 3D PET reconstruction 80240
Matejka, T. *see* Jorgensen, D.P. 90778
Matekovits, L., Oreficel, M., Pagana, E., Somma, A. Shaped pattern microstrip array antenna for mobile communications 66139
Matekovits, L. *see* Vecchi, G. 97345
Matekovits, L. *see* Vecchi, G. 108006
Matekovits, L. *see* Vecchi, G. 117078
Mateljan, Z., Salovarda, F. Modems in modern telecommunication networks 98936
Mateo, D. *see* Rullan, M. 73240
Mateos, F. *see* Feely, C.A. 96813
Mateos, F. *see* Fimia, A. 116753
Mateos, F.R. *see* Walckiers, L. 90042
Matera, F., Settembre, M. Comparison of the performance of optical systems operating in long links encompassing dispersion shifted fibers 88542
Matera, F., Settembre, M. Analysis of performance of 1.3-μm single-channel transmission systems on standard step-index fibers with semiconductor optical amplifiers 116954
Matera, F. *see* Midrio, M. 99483
Materlik, G. *see* Herrera-Gomez, A. 74100
Mateus, G.R. *see* Padua, M. 101913
Matevosyan, E.M. *see* Aivazian, R.B. 100799
Matey, J.R. *see* Wildes, R.P. 86334
Mateym, J.R. Software designs and architectures. I. Introduction and user input/output 79262
Mathan, N.De *see* De Mathan, N.
Mathar, R. *see* Cowen, L.J. 99111
Mathason, B.K., Delfyett, P.J. Applications of ultrafast modelocked laser diodes in synchronous optical networks 119151
Matheisen, A. Development work for a superconducting linear collider 120037
Matheisen, A. *see* Pekeler, M. 119967
Matheissen, A. *see* Crawford, C. 79853
Mather, R. *see* Bell, S.C. 111663
Matherson, K.J. *see* Barber, H.B. 101212
Matherson, K.J. *see* Marks, D.G. 80353
Matherson, K.J. *see* Marks, D.G. 101240
Mathes, A., Groten, E., Traiser, J. A GPS real-time system for instantaneous ambiguity resolution: development and experiences 68762
Mathes, B. *see* Hallmark, J. 84533
Matheson, J., Robbins, M., Watts, S. The effect of radiation induced defects on the performance of high resistivity silicon diodes 105852
Matheson, J., Robbins, M., Watts, S., Hall, G., MacEvoy, B. A microscopic explanation for type inversion and the annealing behaviour of radiation damaged silicon detectors 69771
Matheson, R. *see* Sebek, J. 100551
Matheson, S.A. *see* Bowen, A.J. 70498
Matheson, T.G. *see* Duh, J. 113863
Mathet, V. *see* Dos Santos, O. 84293
Mathew, G., Reddy, V.U. A quasi-Newton adaptive algorithm for generalized symmetric eigenvalue problem 117312
Mathew, J. Electronically steerable plasma mirror based radar–concept and characteristics 119263
Mathew, J., Fernsler, R.F., Meger, R.A., Gregor, J.A., Murphy, D.P., Pechacek, R.E., Manheimer, W.M. Generation of large area, sheet plasma mirrors for redirecting high frequency microwave beams 97343
Mathew, J., Meger, R.A., Gregor, J.A., Murphy, D.P., Pechacek, R.E., Fernsler, R.F., Manheimer, W.M. Electronically steerable plasma mirror for surveillance radar applications 109777
Mathew, J. *see* Logan, D. 89516
Mathew, J. *see* Logan, D.B. 89517
Mathew, K.T., Jacob, J., Mathew, S., Raveendranath, U. Triple corner reflector antenna and its performance in H-plane 97308
Mathew, K.T. *see* Raveendranath, U. 69450
Mathew, L. *see* Dwarakanath, C.K. 120443
Mathew, R. *see* Ismaeel, A.A. 106166
Mathew, R. *see* Zhang, J. 112565
Mathew, S. *see* Mathew, K.T. 97308
Mathew, T. *see* Saji Stephen, D. 116867
Mathew, V. *see* Srivastava, G.P. 83333
Mathews, C. *see* Jay, B.E. 71632
Mathews, J. *see* Han, H. 82266
Mathews, R.H. *see* Bloomstein, T.M. 115114
Mathews, R.H. *see* Bozler, C.O. 74062
Mathews, R.H. *see* Kodis, M.A. 105010
Mathews, S.A. *see* Pique, A. 82631
Mathews, V.J. *see* Hahn, P.J. 86739
Mathewson, A. *see* Concannon, A. 61873
Mathewson, A. *see* Duane, R. 115367
Mathewson, A. *see* Foley, S. 74633
Mathewson, A. *see* Hurley, P.K. 115219
Mathewson, A. *see* Kalnitsky, A. 84231
Mathewson, A. *see* Lovett, S.J. 115193

Mathewson, A. *see* Martin, A. 63180
Mathewson, A. *see* Martin, A. 63756
Mathewson, A. *see* Martin, A. 95255
Mathewson, A. *see* Martin, A. 106302
Mathewson, A. *see* Martin, A. 114341
Mathewson, A. *see* Martin, A. 115368
Mathewson, A. *see* Moran, S. 114893
Mathewson, A. *see* Twomey, A. 61872
Mathewson, A. *see* Welten, M. 84552
Mathewson, A.G. *see* Calder, R. 94167
Mathewson, W.G. *see* Selvaggi, J.A. 75370
Mathey, G. *see* Combellas, C. 76222
Mathey, P., Jullien, P., Dazzi, A., Mazue, B. Performance evaluation of a photorefractive novelty filter for motion tracking and edge enhancement 98081
Mathie, E.L. *see* Smith, G.R. 120229
Mathieson, K. *see* Toland, T. 87621
Mathieu, C. *see* Kleinefeld, T. 64353
Mathieu, F. *see* Thiell, G. 85421
Mathieu, H., Devernay, F. Mirror-based system for stereoscopy 69258
Mathieu, J., Marchal, N., Hetyei, J., Alcouffe, G. Development of a new DGPS system for approach and landing experimentation 88754
Mathieu, M.-C. Solaris 96758
Mathieu, N. *see* Mounib, A. 63594
Mathieu, Y. *see* Nemouchi, Y. 86575
Mathine, D.L., Nejad, H., Allee, D.R., Droopad, R., Maracas, G.N. Reduction of the thermal impedance of vertical-cavity surface-emitting lasers after integration with copper substrates 85501
Mathine, D.L. *see* Moneger, S. 76043
Mathiopoulos, P.T. *see* Nasiopoulos, P. 68875
Mathiot, D., Scheiblin, P. Modelling of low thermal budget redistribution of arsenic in silicon: Dynamic clustering 63252
Mathioudakis, K. *see* Doukelis, A. 79755
Mathis, C. *see* Huyet, G. 76082
Mathis, G. *see* Basseville, M. 111788
Mathis, M., Mahdavi, J. Forward acknowledgment: Refining TCP congestion control 118128
Mathis, R. Construction and operation of a biomass-fired combined heat and electric power plant 121351
Mathisen, G.H. *see* Rinnan, A. 90737
Mathisen, T., Orpen, O. Use of GPS determined attitude in combination with conventional attitude sensors 88765
Mathon, J. *see* Ferreira, M.S. 64385
Mathoorasing, D., Bouchoule, S., Kazmierski, C., Pernard, E., Dueme, P., Dravet, A., Nicole, P., Schaller, M., Bois, J.R., Rumelhard, C., Zahzouh, Devaux, C. Wideband optoelectronic mixer for radio over fibre applications at 28/38/60 GHz 119134
Mathoorasing, D. *see* Delorme, F. 96402
Mathoorasing, D. *see* Ougier, C. 96404
Mathumo, R. *see* Divall, E.J. 65036
Mathur, A., Liu, C.L. Timing driven placement reconfiguration for fault tolerance and yield enhancement in FPGAs 73222
Mathur, A. *see* Giridhar, K. 99361
Mathur, A. *see* Shynk, J.J. 66703
Mathur, A.G., Prakash, A. A protocol composition-based approach to QoS control in collaboration systems 98670
Mathur, B. *see* Koch, C. 70225
Mathur, D.P. *see* Mumola, P.B. 63152
Mathur, H. *see* Boebinger, G.S. 105423
Mathur, J.N. *see* Butson, M.J. 80511
Mathur, K., Puri, M.C. On bilevel fractional programming 72550
Mathur, M. *see* Pique, A. 82631
Mathur, P.C., Mehra, R.M., Agarwal, V., Mathur, R., Koch, F. Transport mechanism in porous silicon 105130
Mathur, P.C. *see* Mehra, R.M. 84943
Mathur, R. *see* Mathur, P.C. 105130
Mathur, R.M. *see* Varma, R.K. 70723
Mathur, R.P. *see* Leong, C.K. 119112
Mathur, S. Optical sensors with optical fibre connections and automatic adjustment 89169
Mathur, V.K., Barkyoumb, J.H., Abbundi, R.J., Chakrabarti, K., Bloomsbrug, C.D., Braunlich, P.F., Hegland, J.E., Hoffman, J.M., Hoelscher, J.W., Kelly, A.E., Thompson, J.L., Tetzlaff, W. Performance of a laser heated TLD system for personnel radiation dosimetry 110979
Mathur, V.K. *see* Lewandowski, A.C. 111002
Mathy, L. Features of the ACCOPI multimedia transport service 78180
Mathy, L., Leduc, G., Danthine, A., Bonaventure, O. Towards an integrated solution for multimedia communications 67916
Mathy, L. *see* Vuong, S. 87742
Mathys, L. *see* Abe, K. 69708
Mathys, L. *see* Abe, K. 69726
Mathys, P. *see* Massey, P. 66400
Matias, M.A. *see* Guemez, J. 61674
Matienzo, L.J. *see* Light, D.N. 114440
Maties, V. DC linear engines for micro robots 102748
Matijasevic, G. *see* Gallagher, C. 94066
Matijasevic, G. *see* Lee, C.C. 60598
Matijasevic, V., Bozovic, I. Thin film processes for high-temperature superconductors 75294
Matikas, T.E. *see* Kundu, T. 61466
Matilla, S.L. *see* Vazquez, J.A.D. 71500
Matin, M. *see* Boisset, G.C. 72309
Matin, M.A., Song, K.C., Robinson, B.J., Simmons, J.G., Thompson, D.A. High-responsivity InGaAs/InP-based MSM photodetector operating at 1.3-μm wavelength 100036
Matin, M.A. *see* Song, K.C. 100027
Matine, N., Pelouard, J.L., Pardo, F., Teissier, R., Pessa, M. Novel approach for InP-based ultrafast HBTs 93852
Matisov, B.G. *see* Mazets, I.E. 107565
Matityahu, I. *see* Levin, M. 98914
Matjacic, Z., Munih, M., Bajd, T., Kralj, A. Voluntary telemetry control of functional electrical stimulators 80478
Matko, V., Donlagic, D. Sensor for high-air-humidity measurement 69578
Matl, K. *see* Zoller, A. 116186
Matloubian, M. *see* Larson, L. 73786
Matloubian, M. *see* Shealy, J.B. 115250
Matoba, A. *see* Munakata, T. 65228
Matoba, A. *see* Munakata, T. 79735
Matoba, H. *see* Hirata, S. 74960
Matoba, H. *see* Okamoto, Y. 118387
Matoba, M. *see* Amurohka, H. 100892
Matoba, M. *see* Budihardjo, S. 100833
Matoba, M. *see* Ijiri, H. 83692
Matoba, N., Yoshida, S. Still image transmission using unequal error protection coding in mobile radio channel 78424
Matoba, S., Xiaming Zhou, Sekita, M., Ohish, T. A reduced admittance matrix method minimizing operations 111558
Matolak, D.W., Wilson, S.G. Detection for a statistically-known, time-varying dispersive channel 108340
Matolin, V. *see* Bideux, L. 82736
Matono, N. *see* Tanuma, T. 75238
Matos, A.C. *see* Brezinski, C. 60936
Matos, C.de *see* de Matos, C.
Matos, J., Gameiro, A., Perez, J. Improved acquisition and tracking performance of PLLs through signal injection 93191
Matos, J., Gameiro, A., Perez, J. A 2 GHz PLL with injection lock of the VCO 114245
Matos, J.S. *see* Alves, J.C. 73069
Matos, J.Silva *see* Silva Matos, J.
Matos, M.A., Hatziargyriou, N.D., Lopes, J.A.P. Fuzzy steady state security assessment 101973
Matos, M.A., Ponce de Leao, M.T. Electric distribution systems planning with fuzzy loads 91068
Matos, M.A. *see* Ponce de Leao, M.T. 102132
Matos Silva *see* Silva Matos
Matousek, P., Parker, A.W., Taday, P.F., Toner, W.T., Towrie, M. Two independently tunable and synchronised femtosecond pulses generated in the visible at the repetition rate 40 kHz using optical parametric amplifiers 76178
Matozaki, T., Tanisita, A. Personal perceptual and cognitive property for 3D recognition 98280
Matras, A. *see* Ciesla, A. 64574
Matras, A. *see* Ciesla, A. 76359
Matras, A. *see* Ciesla, A. 76362
Matras, A. *see* Jagiello, A.S. 81481
Matricciani, E., Mauri, M. Cochannel interference in satellite communication systems derived from rain attenuation measurements at 20 GHz 68326
Matricon, P. *see* Amiranoff, F. 89645
Matrona, P. *see* Cavaciuti, A. 78767
Matrone, A. *see* Ariante, M. 95405
Matrosov, V.V., Shalfeeva, M.V. Influence of coupling parameters on the nonlinear dynamics of two cascade-coupled phase-locked loops 73169
Matsakov, L.Ya. *see* Ganapolskii, E.M. 73634
Matscheko, G. *see* Carlsson, C.A. 111004
Matschke, J. *see* Fakatselis, J. 99089
Matschke, M. *see* Schwabisch, M. 111148
Matsik, S.G. *see* Choe, J.-W. 74364
Matso-ura, K. *see* Onuki, J. 70496
Matsomoto, T. *see* Yamashita, T. 88839
Matson, C.L. Tomographic satellite image reconstruction using ladar E-field or intensity projections–computer simulation results 79012
Matson, R. *see* Basol, B.M. 104093
Matson, R. *see* Li, X. 112366
Matson, R. *see* Tuttle, J.R. 112339
Matson, R. *see* Wang, T.H. 92774
Matson, R.J. *see* Menezes, S. 103012
Matsu-Ura, K. *see* Kawada, M. 64048
Matsu-ura, K. *see* Michihira, M. 121628
Matsu-ura, K. *see* Michihira, M. 121752
Matsuba, H. *see* Nagaya, S. 82822
Matsubara, A. *see* Kakino, Y. 81933
Matsubara, E., Ototake, T. Improved mask metrology system for 1G bit DRAM 112992
Matsubara, H. *see* Sakai, T. 83863
Matsubara, I., Nakano, T., Hara, T., Sakurai, K., Wada, O., Yasumori, T., Kondou, T., Nishioka, M. Total monitoring system for the Reihoku thermal power transmission line of the Kyushu Electric Power Company 102197
Matsubara, J. *see* Harada, K. 62697
Matsubara, K., Nishikawa, K., Kiya, H. Pipelined adaptive filters based on delayed LMS algorithm 73554
Matsubara, K. *see* Hagiwara, Y. 100254
Matsubara, K. *see* Koyanagi, T. 61151
Matsubara, K. *see* Tanaka, T. 122057
Matsubara, M. *see* Gotoh, Y. 114508
Matsubara, M. *see* Murai, Y. 121580
Matsubara, R. *see* Tsuchida, K. 71723
Matsubara, S. *see* Ichikawa, Y. 109945
Matsubara, T., Ishihara, Y., Kitamura, S., Inoue, Y. Magnetic field analysis in condenser motor considering skewed slot effects 102719
Matsubara, T., Murakami, S. Development of hybrid magnetic spindle 71946
Matsubara, T. *see* Kawamura, K. 93505
Matsubara, Y. *see* Hayakawa, K. 96456
Matsubara, Y. *see* Kakimoto, F. 69777
Matsubara, Y. *see* Matsui, Y. 73377
Matsubara, Y. *see* Sako, T. 110597
Matsubara, Y. *see* Shaowei Zhu 71924
Matsubara, Y. *see* Yamamoto, H. 84868
Matsubayashi, A., Ueno, S. On the complexity of embedding of graphs into grids with minimum congestion [VLSI layout] 63833
Matsubayashi, H. *see* Chaki, S. 93862
Matsubayashi, H. *see* Katoh, T. 93910
Matsubayashi, M., Tsuruno, A., Kodaira, T., Kobayashi, H. High resolution static imaging system using a cooled CCD camera 104678
Matsubayashi, M. *see* Kato, K. 110769
Matsubayashi, M. *see* Kobayashi, H. 110500
Matsubayashi, M. *see* Mochiki, K. 108565
Matsubayashi, M. *see* Mochiki, K. 108566
Matsubayashi, M. *see* Takenaka, N. 110445
Matsubayashi, M. *see* Takenaka, N. 110446
Matsubayashi, M. *see* Takenaka, N. 110447
Matsuda, A. *see* Chida, Y. 94997
Matsuda, A. *see* Ganguly, G. 92835
Matsuda, A. *see* Ganguly, G. 94391
Matsuda, A. *see* Ganguly, G. 94422
Matsuda, A. *see* Hata, N. 94238
Matsuda, A. *see* Kamei, T. 92885
Matsuda, A. *see* Kondo, M. 95039
Matsuda, A. *see* Kunji Chen 94284
Matsuda, A. *see* Mishima, T. 95702
Matsuda, A. *see* Osborne, I.S. 92790
Matsuda, A. *see* Suzuki, S. 112875
Matsuda, A. *see* Tkeda, I. 92883
Matsuda, C. *see* Kimiyama, H. 68852
Matsuda, H., Takasu, I., Kim, D., Takano, O., Grundy, P.J. Magnetic recording properties of electrolessly deposited NiXP/CoReNiMnP double layer media 106532
Matsuda, H. *see* Ikoma, M. 71669
Matsuda, H. *see* Ishihara, T. 81785
Matsuda, H. *see* Kamata, T. 76170
Matsuda, H. *see* Kamata, T. 76225
Matsuda, H. *see* Kamata, T. 85632
Matsuda, H. *see* Kasai, H. 85634
Matsuda, H. *see* Kawanami, H. 76247
Matsuda, H. *see* Komatsu, K. 72838
Matsuda, H. *see* Masaki, A. 76157
Matsuda, H. *see* Minami, T. 83087
Matsuda, H. *see* Ohta, K. 71664
Matsuda, H. *see* Onodera, M. 89446
Matsuda, H. *see* Sato, H. 73033
Matsuda, H. *see* Shimada, S. 76227
Matsuda, H. *see* Shimokawa, K. 84806
Matsuda, H. *see* Suguri, K. 77531
Matsuda, H. *see* Tamaoki, N. 95638
Matsuda, H. *see* Van Keuren, E. 85637
Matsuda, H. *see* Xuan-Ming Duan 85592
Matsuda, H. *see* Yano, K. 62656
Matsuda, H. *see* Yase, K. 72896
Matsuda, I. *see* Nakajima, N. 72111
Matsuda, J.-I. *see* Jun Yin 64459
Matsuda, K., Yoshihashi, M., Okada, Y., Tan, A.C.C. Self-sensing active suppression of vibration of flexible steel sheet 96998
Matsuda, K. *see* Sugino, T. 63106
Matsuda, K. *see* Sugino, T. 105494
Matsuda, K. *see* Takaki, H. 79773
Matsuda, K. *see* Yonezawa, Y. 113451
Matsuda, M. *see* Alvarez, G.A. 84873
Matsuda, M. *see* Hattori, T. 114830
Matsuda, M. *see* Kuwatsuka, H. 78802
Matsuda, M. *see* Okamura, T. 94155
Matsuda, M. *see* Sahara, R.T. 64798
Matsuda, M. *see* Satoh, M. 64892
Matsuda, N. *see* Yamasaki, S. 84894
Matsuda, O. *see* Narui, H. 75996
Matsuda, S. Guaranteeing crossbar switching by Hopfield network efficient and fail-safe 108772
Matsuda, S. *see* Inou, K. 63623
Matsuda, S. *see* Kajihara, M. 72306
Matsuda, S. *see* Nashiyama, I. 111032
Matsuda, S. *see* Noda, H. 96417
Matsuda, S. *see* Shindo, T. 109017
Matsuda, S. *see* Yamaguchi, M. 81883
Matsuda, S. *see* Yamaguchi, M. 102979
Matsuda, S. *see* Yamaguchi, M. 121888
Matsuda, T., Ohzone, T., Hori, T. Time dependent dielectric breakdown characteristics of MOS capacitors with Si-implanted SiO_2 114827
Matsuda, T., Tanino, K., Ishii, H., Ikeshita, T., Ohzone, T. Two-dimensional intensity distribution of photoluminescence from porous silicon 95962
Matsuda, T. *see* Avrillon, S. 80033
Matsuda, T. *see* Avrillon, S. 100851
Matsuda, T. *see* Cote, D. 106195
Matsuda, T. *see* Deguchi, K. 74653
Matsuda, T. *see* Hasegawa, T. 120234
Matsuda, T. *see* Hazumi, M. 100854
Matsuda, T. *see* Naka, A. 99563
Matsuda, T. *see* Nakayama, Y. 84264
Matsuda, T. *see* Nishihara, T. 106451
Matsuda, T. *see* Ohzone, T. 105946
Matsuda, T. *see* Saitoh, Y. 80027
Matsuda, T. *see* Saitoh, Y. 100838

Matsuda, T. *see* Shapiro, M.J. 92818
Matsuda, T. *see* Tomitani, H. 100255
Matsuda, T. *see* Tsuboyama, T. 100836
Matsuda, Y., Ishikawa, M., Nakamura, T., Morita, M., Tsujioka, S., Kawashima, T. Electrochemical behavior of $BC_xN{\cdot}Li_y$ as negative electrode matrices for secondary lithium batteries 81665
Matsuda, Y., Yahisa, Y., Inagaki, J., Fujita, E., Ishikawa, A., Hosoe, Y. Reduction of Co-Cr-Pt media noise by addition of Ti to Cr underlayer 64453
Matsuda, Y. *see* Abe, K. 90317
Matsuda, Y. *see* Hiwa, N. 91927
Matsuda, Y. *see* Kuroda, T. 79547
Matsuda, Y. *see* Morita, M. 112292
Matsuda, Y. *see* Yamanaka, H. 109311
Matsuda, Y. *see* Yoshimura, T. 73517
Matsuda Shin *see* Shin Matsuda
Matsudai, T. *see* Yasuhara, N. 105996
Matsudo, O. *see* Nakamura, E. 89632
Matsue, H. *see* Umehira, M. 67931
Matsuhara, M., Angkaew, T. Vector basis functions in mixed-potential integral equation method 92628
Matsuhashi, H. *see* Yoshimaru, M. 115398
Matsuhata, H. *see* Komori, K. 72810
Matsuhata, H. *see* Tweet, D.J. 61222
Matsuhisa, Y., Yamamura, T., Ohnishi, N., Sugie, N. Machine perception of transparency using color images 87063
Matsui, E. *see* Yasuda, A. 89250
Matsui, F. *see* Iida, T. 109590
Matsui, H., Nomura, Y., Fujii, S. Model driven 2-D shape reconstruction by matching synthesized images with actual images 86882
Matsui, H. *see* Akahori, N. 67719
Matsui, H. *see* Nadaya, N. 67717
Matsui, H. *see* Nakamura, K. 73405
Matsui, H. *see* Shimamoto, S. 95590
Matsui, K., Kawata, Y., Ueda, F., Tsuboi, K., Iwata, K. Asymmetrical modulation and over-modulation techniques of parallel connected NPC-PWM inverters for AC motor drives 91649
Matsui, K., Kosugi, Y. An analysis on genetic algorithms using Markov process with rewards 103698
Matsui, K., Minakawa, A., Imai, N. A millimeter-wave bridge-type MMIC switch 104863
Matsui, K., Ohnishi, J., Nakamura, Y. Embedding a signature to pictures under wavelet transformation 77499
Matsui, K., Shimoto, T., Shimada, Y., Utsumi, K. MCM-D/L technology based on Cu/benzocyclobuten thin film multilayer structure 83668
Matsui, K., Takahashi, Y., Nishi, M., Nunoya, K., Kato, T., Nakajima, H., Hiyama, T., Sugimoto, M., Isono, T., Kawano, K., Koizumi, N., Hamada, K., Ando, T., Tsuji, H., Shimamoto, S., Shiga, N., Aoki, N., Ichihara, M. Design and fabrication of superconducting cables for ITER central solenoid model coil 102175
Matsui, K. *see* Ando, T. 95522
Matsui, K. *see* Kobayashi, Y. 84732
Matsui, K. *see* Ogata, H. 95521
Matsui, K. *see* Ohnishi, J. 98102
Matsui, K. *see* Wadayama, Y. 95564
Matsui, M. New structure of block ciphers with provable security against differential and linear cryptanalysis 66515
Matsui, M., Doi, M., Kida, A., Yamada, Y. Magnetic properties of fcc-Fe multilayer 75165
Matsui, M. *see* Hara, H. 93354
Matsui, M. *see* Hirota, K. 76167
Matsui, M. *see* Kuze, N. 114756
Matsui, M. *see* Nagaya, S. 82822
Matsui, M. *see* Oota, A. 106646
Matsui, M. *see* Tsuda, M. 102177
Matsui, M. *see* Yagi, K. 105675
Matsui, M. *see* Yong-Xia Yang 71536
Matsui, N., Nakamura, M., Kosaka, T. Instantaneous torque analysis of hybrid stepping motor 112026
Matsui, N. *see* Ishikawa, Y. 104785
Matsui, N. *see* Ohta, K. 108723
Matsui, N. *see* Takeshita, T. 91548
Matsui, N. *see* Takeshita, T. 102739
Matsui, S., Ochiai, Y. Focused ion beam applications to solid state devices 114849
Matsui, S. *see* Koike, S. 96054
Matsui, S. *see* Kumagai, K. 100440
Matsui, S. *see* Ohnishi, J. 100646
Matsui, S. *see* Saito, H. 119809
Matsui, T. Is a given flow uncontrollable? 60848
Matsui, T., Kiyokawa, M., Hirose, N. Millimeter-wave Gaussian-beam antenna and integration with planar circuits 85983
Matsui, T. *see* Ihara, T. 67849
Matsui, T. *see* Ikegami, N. 74563
Matsui, T. *see* Kiyokawa, M. 62330
Matsui, T. *see* Kumar, R. 75984
Matsui, T. *see* Manns, F. 101413
Matsui, T. *see* Matsuoka, T. 71612
Matsui, T. *see* Miyakawa, Y. 74577
Matsui, T. *see* Onuki, J. 70496
Matsui, T. *see* Sekiguchi, T. 119495
Matsui, T. *see* Toyama, T. 96039
Matsui, Y., Chonan, T., Matsubara, Y., Satoh, T., Satoh, H., Matsuki, K. Development of 64 Mbit synchronous DRAM 73377
Matsui, Y., Kusumi, Y. Nonlinear characteristics induced by carrier accumulation in InAs/GaAs superlattice cap layer on GaAs/GaAlAs multi-quantum well structure 62938
Matsui, Y., Kusumi, Y. Effects of carrier-storage layer of InAs/GaAs short period superlattice on photocurrent in GaAs/GaAlAs multi-quantum well structure 62943
Matsui, Y., Torii, K., Hirayama, M., Fujisaki, Y., Iijima, S., Ohji, Y. Reduction of current leakage in chemical-vapor deposited Ta_2O_5 thin-films by oxygen-radical annealing [DRAM dielectric] 104537
Matsui, Y. *see* Arahira, S. 76003
Matsui, Y. *see* Katoh, Y. 65233
Matsui, Y. *see* Kito, M. 65229
Matsui, Y. *see* Kito, M. 65368
Matsui, Y. *see* Kito, M. 107313
Matsui, Y. *see* Kobayashi, K. 63286
Matsui, Y. *see* Otsuka, N. 65221
Matsui, Y. *see* Otsuka, N. 76005
Matsui, Y. *see* Otsuka, N. 94683
Matsui, Y. *see* Teramoto, A. 73336
Matsui, Y. *see* Teramoto, A. 93391
Matsui, Y. *see* Uno, T. 78672
Matsuike, T. *see* Fudou, H. 111609
Matsuike, T. *see* Shinozaki, K. 70855
Matsukawa, F. *see* Nakanishi, K. 89435
Matsukawa, H. *see* Fujita, S. 100239
Matsukawa, K. *see* Koike, M. 71074
Matsukawa, M. *see* Mondino, P.-L. 64567
Matsukawa, M. *see* Noto, K. 71586
Matsukawa, M. *see* Roshal, A. 102884
Matsukawa, M. *see* Sadakata, N. 91772
Matsukawa, M. *see* Yoshida, K. 95513
Matsukawa, T. *see* Koh, M. 74721
Matsukawa, T. *see* Sugiyama, Y. 90500
Matsukawa, T. *see* Tanii, T. 73372
Matsukaze, N. *see* Taimatsu, H. 81822
Matsuki, H. *see* Asada, N. 115389
Matsuki, J., Okeda, K., Abe, M. Comparative study on steady-state performances of various power flow controllers 101911
Matsuki, K. *see* Matsui, Y. 73377
Matsuki, M., Lee, D.T. Development of color-facsimile standards: an overview 87647
Matsuki, M. *see* Miyagawa, I. 87648
Matsuki, T. *see* Koike, H. 75061
Matsuki, T. *see* Miyachi, M. 122025
Matsuki, T. *see* Mogami, T. 63483
Matsuki, Y. *see* Kanemoto, A. 85121
Matsukiyo, H., Suzuki, T., Yamamoto, H. Factors inducing deterioration of $InBO_3$:Tb by electron bombardment 64923
Matsukiyo, K. *see* Yonenaka, K. 72219
Matsukura, F. *see* Ohno, H. 62801
Matsukura, F. *see* Ohno, H. 83884
Matsukura, N., Kamijo, A., Ootsuka, E., Takahashi, Y., Sakairi, N., Yamamoto, Y. Power durability of highly textured Al electrode in surface acoustic wave devices 84731
Matsukura, Y., Ando, K., Ito, K., Arai, A., Kogane, Y. Development of oil-less prefabricated type SF_6 gas immersed sealing end for 275 kV class XLPE cable 111656
Matsumara, Y. *see* Nitta, Y. 71717
Matsumaru, K., Kondo, H., Tanuma, A., Ohmori, K. Displacement meter with stylus probe [VTR] 68917
Matsumoto, F. *see* Ikeda, M. 76318
Matsumoto, F. *see* Inoue, K. 96969
Matsumoto, F. *see* Mori, T. 102890
Matsumoto, F. *see* Sugawara, E. 64347
Matsumoto, F.M. *see* Barbosa, F.R. 96066
Matsumoto, G. *see* Ikeda, Y. 104237
Matsumoto, G. *see* Kato, K. 110769
Matsumoto, G.T. Financing power projects in emerging markets 71023
Matsumoto, H. An overview of system LSI concepts and technologies 106112
Matsumoto, H., Adachi, S., Akiyama, K., Nozawa, T., Kashihara, M. Intelligent register REGIPORT PC-RG370/370F 67774
Matsumoto, H., Ogura, H., Nishikawa, T., Steidel, T.C. A miniaturized dielectric monoblock band-pass filter for 800 MHz band cordless telephones 93543
Matsumoto, H., Ohsawa, Y., Takahasi, S., Akiyama, T., Ishiguro, O. An expert system for startup optimization of combined cycle power plants under NO_x emission regulation and machine life management 81333
Matsumoto, H., Onuki, J., Azegami, H., Sone, M., Kurebayashi, H., Fujita, H., Nakamura, K. Parallel processing of transient stability analysis using multi-DSP system 93466
Matsumoto, H., Zeng, L. Simple compensation method for wringing errors in the interferometric calibration of gauge blocks 88896
Matsumoto, H. *see* Ashida, Y. 99337
Matsumoto, H. *see* Brown, N. 88900
Matsumoto, H. *see* Fujii, Y. 88899
Matsumoto, H. *see* Fujima, I. 119864
Matsumoto, H. *see* Hane, M. 84540
Matsumoto, H. *see* Imori, M. 80131
Matsumoto, H. *see* Imori, M. 100930
Matsumoto, H. *see* Kudo, N. 95040
Matsumoto, H. *see* Kusunoki, A. 71198
Matsumoto, H. *see* Lijiang Zeng 89504
Matsumoto, H. *see* Mangelsdorf, C. 79182
Matsumoto, H. *see* Nakamura, H. 102602
Matsumoto, H. *see* Nakamura, Y. 119559
Matsumoto, H. *see* Sakanaka, S. 100682
Matsumoto, H. *see* Sakane, H. 74782
Matsumoto, H. *see* Shimokura, N. 91077
Matsumoto, H. *see* Shinohara, N. 85979
Matsumoto, H. *see* Shinohara, N. 116892
Matsumoto, H. *see* Shintake, T. 89604
Matsumoto, H. *see* Shintake, T. 89649
Matsumoto, H. *see* Takimoto, I. 104429
Matsumoto, H. *see* Tanaka, K. 87718
Matsumoto, H. *see* Tanimoto, T. 62283
Matsumoto, I. *see* Ikoma, M. 81715
Matsumoto, I. *see* Nakamura, T. 69284
Matsumoto, K., Honda, T. Modulation-free iodine-stabilized green YAG laser with a common-path interferometer 75893
Matsumoto, K., Hosono, Y. An advanced fault diagnostic shell for power systems and its development environment 101710
Matsumoto, K., Ishii, M., Segawa, K. Application of scanning tunneling microscopy nanofabrication process to single electron transistor 64007
Matsumoto, K., Ishii, M., Segawa, K., Oka, Y., Vartanian, B.J., Harris, J.S. Room temperature operation of single electron transistor made by STM nano-oxidation process 63819
Matsumoto, K., Kawaguchi, N., Horiuchi, K. A high-speed 4-Gsample/s 2-bit ADC system for radio astronomy 109842
Matsumoto, K., Maki, K. Molecular orientation in thin film grown on Au, Ag, Al and Si substrates by vacuum evaporation of copolymer of vinylidene fluoride and tetrafluoroethylene 106341
Matsumoto, K., Rahardjo, E.T., Haneishi, M. Beam shape using microstrip array antenna 66140
Matsumoto, K., Sagara, K., Kanno, H., Nakagawa, M. Designs of 622 MHz low-power CML embedded macros on low-cost 0.44 μm BiCMOS gate array 83036
Matsumoto, K., Shinomiya, M. Challenges of Windows NT/PC LAN 109078
Matsumoto, K., Tsujino, H., Gotsu, S. Application of 6-phase electric source with 60 Hz to generate glow discharge 81549
Matsumoto, K. *see* Fujiwara, S. 103812
Matsumoto, K. *see* Genno, H. 66947
Matsumoto, K. *see* Kasahara, H. 95399
Matsumoto, K. *see* Kasuga, S. 80014
Matsumoto, K. *see* Kobayashi, H. 93541
Matsumoto, K. *see* Miura, O. 75335
Matsumoto, K. *see* Miyachi, M. 122025
Matsumoto, K. *see* Sugimoto, M. 121179
Matsumoto, K. *see* Takano, Y. 102931
Matsumoto, K. *see* Yamano, N. 121792
Matsumoto, M., Kawai, K. 575 W longlife metal halide lamp suitable for a data projector 89224
Matsumoto, M., Konda, H., Ishioka, Y., Taniguchi, M. An image-processing controller for facsimile scanning units 77915
Matsumoto, M., Miyata, Y. A gigahertz-range electromagnetic wave absorber with wide bandwidth made of hexagonal ferrite 64340
Matsumoto, M., Saito, R. A proposal for a connection method to a public network using infrared media 68515
Matsumoto, M. *see* Arimura, H. 80216
Matsumoto, M. *see* Hasegawa, H. 81634
Matsumoto, M. *see* Kihara, M. 116036
Matsumoto, M. *see* Kikuchi, Y. 115823
Matsumoto, M. *see* Kobari, T. 100406
Matsumoto, M. *see* Morisako, A. 61355
Matsumoto, M. *see* Morisako, A. 115771
Matsumoto, M. *see* Takigawa, A. 80288
Matsumoto, M. *see* Tsuchitani, S. 84638
Matsumoto, M. *see* Tsunoi, K. 83656
Matsumoto, M. *see* Vasil'ev, A.N. 115859
Matsumoto, N., Ina, E., Fujii, T., Kannari, F. Fabrication of copper-phthalocyanine thin films by laser ablation deposition 113452
Matsumoto, N. *see* Fujii, T. 92914
Matsumoto, O. *see* Kotoki, T. 72903
Matsumoto, R. *see* Arakawa, T. 93365
Matsumoto, R. *see* Arakawa, T. 95249
Matsumoto, S., Il-Jung Kim, Sakai, T., Fukumitsu, T., Yachi, T. Device characteristics of a 30-V-class thin-film SOI power MOSFET 63657
Matsumoto, S., Tohjyo, J., Okada, S., Kuwako, E., Nozaki, T. High-breakdown-voltage, high-frequency Si bipolar transistors 73736
Matsumoto, S. *see* Chichibu, S. 113297
Matsumoto, S. *see* Habibi, S. 63312
Matsumoto, S. *see* Hamada, T. 117562
Matsumoto, S. *see* Homma, S. 121332
Matsumoto, S. *see* Kurosawa, I. 94984
Matsumoto, S. *see* Mitomi, O. 85053
Matsumoto, S. *see* Satoh, M. 64892
Matsumoto, S. *see* Shintake, T. 89604
Matsumoto, S. *see* Suzaki, Y. 88593
Matsumoto, S. *see* Tanaka, J. 105616
Matsumoto, S. *see* Turner, J.L. 89654
Matsumoto, S. *see* Yamada, T. 96403
Matsumoto, S.-I. *see* Mawatari, H. 116551
Matsumoto, T. Human-computer cryptography: an attempt 76743
Matsumoto, T. Neutron beam design for neutron radiography at the Musashi reactor 110503
Matsumoto, T. Development of near-β high strength Ti alloy Ti-5Al-2Sn-4Zr-3Cr-3Mo with superior fatigue crack growth properties 113526
Matsumoto, T., Egashira, K., Kato, T. Hole traps in nitrogen-doped ZnSe epitaxial layers 74205

Matsumoto, T., Eguchi, S., Yamagishi, F., Nakashima, M., Suekane, K., Hayashi, S., Shibata, H., Takashima, A. Compact holographic head-up display 100210
Matsumoto, T., Izumi, M., Fukunaga, K. Object recognition based on an active vision 86652
Matsumoto, T., Miura, M., Toriwaki, J.I. Experimental analysis of generalization capability of layered neural networks with small size of training sample set: the case of a stomach X-ray image 69942
Matsumoto, T., Ohtsu, M. Fabrication of a fiber probe with a nanometric protrusion for near-field optical microscopy by a novel technique of three-dimensional nanophotolithography 119701
Matsumoto, T. *see* Aisawa, S. 88462
Matsumoto, T. *see* Balestra, F. 63670
Matsumoto, T. *see* Fujii, N. 71606
Matsumoto, T. *see* Fukui, Y. 89371
Matsumoto, T. *see* Ishii, M. 91205
Matsumoto, T. *see* Kajiwara, S. 117450
Matsumoto, T. *see* Kanemitsu, Y. 65454
Matsumoto, T. *see* Kato, K. 71131
Matsumoto, T. *see* Kee-Ho Yu 93437
Matsumoto, T. *see* Kee-Ho Yu 117610
Matsumoto, T. *see* Kikuchi, T. 70943
Matsumoto, T. *see* Kimura, J.-I. 108573
Matsumoto, T. *see* Kobayashi, H. 110500
Matsumoto, T. *see* Kurobe, T. 60597
Matsumoto, T. *see* Mimura, H. 64957
Matsumoto, T. *see* Mimura, H. 64961
Matsumoto, T. *see* Mimura, H. 96012
Matsumoto, T. *see* Miyao, H. 62093
Matsumoto, T. *see* Niikura, Y. 64946
Matsumoto, T. *see* Nishizawa, K. 101215
Matsumoto, T. *see* Pidin, S. 84416
Matsumoto, T. *see* Sakai, T. 104926
Matsumoto, T. *see* Sasaki, H. 95129
Matsumoto, T. *see* Yamaguchi, M. 73295
Matsumoto, T. *see* Yamamoto, Y. 96623
Matsumoto, Y., Inaba, M., Inoue, H. Visual navigation using view-sequenced route representation 77525
Matsumoto, Y., Iwakiri, M., Tanaka, H., Ishida, M., Nakamura, T. A capacitive accelerometer using SDB-SOI structure 84635
Matsumoto, Y., Kubota, S., Kato, S. High-performance coherent demodulator LSIC for wireless personal communications 99225
Matsumoto, Y., Taki, K. An efficient implementation method of the Time Warp mechanism for parallel logic simulation 73022
Matsumoto, Y., Tanaka, M., Kozono, S., Takahashi, T. Evaluation of system noise temperature of S-band intersatellite communications equipment on ETS-VI satellite 68332
Matsumoto, Y. *see* Badics, Z. 71085
Matsumoto, Y. *see* Badics, Z. 104227
Matsumoto, Y. *see* Fujieda, S. 61413
Matsumoto, Y. *see* Hanajiri, T. 106967
Matsumoto, Y. *see* Kanbara, S. 78547
Matsumoto, Y. *see* Matsumura, H. 93470
Matsumoto, Y. *see* Matsushima, I. 75812
Matsumoto, Y. *see* Mizoguchi, M. 99201
Matsumoto, Y. *see* Momma, T. 112295
Matsumoto, Y. *see* Sano, Y. 74821
Matsumoto, Y. *see* Shibata, T. 108664
Matsumoto, Y. *see* Takao, H. 110100
Matsumoto, Y. *see* Tanaka, M. 97363
Matsumoto, Y. *see* Yue, W. 99301
Matsumura, A., Fernandez, J.M., Thornton, T.J., Holmes, S.N., Zhang, J., Joyce, B.A. Magneto-transport of two-dimensional electron gas in Si/SiGe modulation doped structures grown by gas source molecular beam epitaxy 62821
Matsumura, A. *see* Joyce, B.A. 103922
Matsumura, A. *see* Thornton, T.J. 105403
Matsumura, F., Namerikawa, T., Hagiwara, K., Fujita, M. Application of gain scheduled H_∞ robust controllers to a magnetic bearing 102696
Matsumura, H., Matsumoto, Y., Nakamura, S. An LSI implementation of a hierarchical structure FIR filter 93470
Matsumura, H., Sunaga, H., Koyanagi, K., Kasuga, S. NOSES office data provisioning technology 77877
Matsumura, H. *see* Fujimaru, K. 63183
Matsumura, H. *see* Katoh, H. 99719
Matsumura, H. *see* Katoh, H. 109589
Matsumura, K., Matsuoka, S., Kobayashi, Y., Hagimoto, K. Supervisory system configuration for high-speed optical transmission networks applying optical line amplifiers 68514
Matsumura, K., Tomabechi, Y., Kogami, Y., Hwang, J.H. Electromagnetic coupling between curved dielectric waveguides 65930
Matsumura, K. *see* Enokizono, M. 95385
Matsumura, K. *see* Fukuda, K. 95000
Matsumura, K. *see* Kashiro I, T. 94999
Matsumura, K. *see* Onoye, T. 113979
Matsumura, K. *see* Shiraishi, K. 84997
Matsumura, M., Akai, T., Saito, M. Comparison of electroluminescence and photoluminescence efficiencies of organic electroluminescent devices having a bilayer structure 85293
Matsumura, M., Fukidome, H. Enhanced etching rate of silicon in fluoride containing solutions at pH 6.4 114911
Matsumura, M., Sugimoto, H., Itou, M. An approach to robust speed control system with acceleration sensor for linear motor system with inertia perturbation 91559
Matsumura, M. *see* Chang-Dong Kim 84067
Matsumura, M. *see* Chang-Dong Kim 94963
Matsumura, N., Maemura, K., Mori, T., Saraie, J. Molecular beam epitaxial growth of ZnSe(111) films on misoriented GaAs(111)A substrates 74167
Matsumura, N. *see* Saraie, J. 74217
Matsumura, O. *see* Kubota, Y. 109942
Matsumura, S. *see* Matsuoka, S. 100236
Matsumura, T., Katayama-Yoshida, H., Orita, N. Mechanism of X-ray-irradiation-induced crystallization in amorphous silicon 61141
Matsumura, T., Nakagawa, S., Ishihara, K. A programmable realtime MPEG2 video encoder chipset 104574
Matsumura, T., Nakagawa, S., Segawa, H., Ishihara, K., Maeda, A., Ajioka, Y. A realtime programmable MPEG2 video encoder chipset 73407
Matsumura, T., Nakamura, J., Yokoi, M., Tsutsui, H., Mizoe, J. Millimeter-wave MMICs with quarter-micron Au/WSi gate AlGaAs/InGaAs HJFETs 83418
Matsumura, T., Usui, E. On the development of autonomous operation planning system with genetic algorithm 112883
Matsumura, T., Yamanaka, N., Yamaguchi, R., Ishikawa, K. Real-time emulation method for ATM switching systems in broadband ISDN 73053
Matsumura, T. *see* Ichiyanagi, K. 81338
Matsumura, T. *see* Kato, T. 121085
Matsumura, T. *see* Kiss, T. 113424
Matsumura, T. *see* Orita, N. 94237
Matsumura, T. *see* Shimizu, H. 102269
Matsumura, T. *see* Tang, Y.J. 64520
Matsumura, T. *see* Yokomizu, Y. 64069
Matsumura, T. *see* Yue-Jin Tang 71383
Matsumura, Y. *see* Komaki, A. 91717
Matsumura, Y. *see* Morishita, S. 113553
Matsumura, Y. *see* Uchida, H.H. 115858
Matsunaga, A. *see* Matsuyama, T. 102959
Matsunaga, D. *see* Hashimi, K. 74561
Matsunaga, D. *see* Kojiri, H. 63453
Matsunaga, H. *see* Shingai, H. 97909
Matsunaga, I. *see* Otani, S. 66969
Matsunaga, J. *see* Fuse, T. 73250
Matsunaga, K., Okamoto, Y., Miura, I., Kuzuhara, M. Ku-band 15 W single-chip HJFET power amplifier 83502
Matsunaga, K. *see* Kawada, K. 102243
Matsunaga, K. *see* Kawata, K. 81137
Matsunaga, K. *see* Maeda, T. 102242
Matsunaga, K. *see* Maekawa, T. 74057
Matsunaga, M. *see* Nishio, T. 71171
Matsunaga, M. *see* Ohmine, H. 118933
Matsunaga, M. *see* Ohtsuka, M. 76657
Matsunaga, T., Uchida, K., Kim, K.-C. Electromagnetic wave propagations in two dimensional tunnels with fundamental junctions 99237
Matsunaga, T. *see* Inouye, T. 110906
Matsunaga, T. *see* Izumihara, A. 80198
Matsunaga, T. *see* Kuwabara, M. 73821
Matsunaga, T. *see* Misawa, A. 99042
Matsunaga, T. *see* Misawa, A. 109316
Matsunaga, T. *see* Misawa, A. 118741
Matsunaga, T. *see* Takahashi, H. 83035
Matsunaga, T. *see* Tsukada, M. 68026
Matsunaga, T. *see* Tsukada, M. 109319
Matsunaga, T. *see* Uchida, K. 97026
Matsunaga, T. *see* Yamada, Y. 99477
Matsunaga, Y. An efficient equivalence checker for combinational circuits 82874
Matsunaga, Y. *see* Tanaka, N. 69283
Matsunaka, S. *see* Kakkad, R. 105984
Matsunami, H. *see* Akita, H. 105511
Matsunami, H. *see* Fujii, T. 92838
Matsunami, H. *see* Furong Zhu 82758
Matsunami, H. *see* Hatayama, T. 103984
Matsunami, H. *see* Inoue, N. 105590
Matsunami, H. *see* Itoh, A. 105481
Matsunami, H. *see* Itoh, A. 105884
Matsunami, H. *see* Kimoto, T. 74522
Matsunami, H. *see* Kimoto, T. 94692
Matsunami, H. *see* Kimoto, T. 104045
Matsunami, H. *see* Kimoto, T. 104049
Matsunami, H. *see* Kobayashi, S. 84436
Matsunami, H. *see* Komatsu, Y. 112393
Matsunami, H. *see* Matsuura, H. 74487
Matsunami, H. *see* Nishino, K. 103978
Matsunami, H. *see* Nakashima, S. *(editor)* 103286
Matsunami, M. *see* Ishikawa, T. 65749
Matsunami, M. *see* Ishikawa, T. 96961
Matsunami, M. *see* Okuno, T. 100256
Matsunami, S., Yamamura, N., Tsunehiro, Y. Performance improvement of active filter for power distribution line using current source PWM inverter 102078
Matsunawa, A. *see* Kim, J.-D. 116789
Matsunawa, A. *see* Kim, J.-D. 116790
Matsuno, H., Seo, I., Sato, H. Enhanced Cerenkovian SHG power with both UV-induced NLO $\chi^{(3)}$ corrugations and channel waveguide 107526
Matsuno, H. *see* Shang, D.Y. 84694
Matsuno, H. *see* Yokotani, A. 104086
Matsuno, K. *see* Fujii, Y. 109295
Matsuno, K. *see* Kubota, Y. 109942
Matsuno, M. Outline of Series E2 EMU train for Hokuriku Shinkansen 122034
Matsuno, S. *see* Hirai, T. 94966
Matsuno, T. *see* Sakai, H. 73805
Matsuno, Y., Tsutsumi, A., Yoshida, K. Electrode performance of fixed and fluidized bed electrodes for a molten carbonate fuel cell anode 91728
Matsunuma, K., Chimura, Y., Miura, T., Tezuka, K. OKI ATM-LAN/WAN systems 98890
Matsuo, D. *see* Yamada, E. 111836
Matsuo, H., Fujishima, T., Yamashita, T., Takenouchi, O. Propagation velocity and photoemission intensity of a local discharge on an electrolytic surface 91206
Matsuo, H., Iwata, A. Human face identification by multi scale MEGI 98136
Matsuo, H., Takata, Y., Teshima, T., Hirakawa, M. Recognition algorithm with non-contact for sign-language motion 90613
Matsuo, H. *see* Ando, S. 109927
Matsuo, H. *see* Suehiro, J. 75010
Matsuo, J. *see* Akizuki, M. 92855
Matsuo, J. *see* Yamada, I. 84118
Matsuo, J. *see* Yoshida, A. 94784
Matsuo, K., Kojima, M. International telephone network QoS management 98614
Matsuo, K. *see* Kuroda, T. 104515
Matsuo, M., Hashizume, T., Inoue, S., Miyasaka, M., Takenaka, S., Yudasaka, I., Ohshima, H. 1.3-in. full-color VGA poly-Si TFT-LCDs with completely integrated drivers 89373
Matsuo, M. *see* Fujii, S. 101427
Matsuo, M. *see* Hashizume, T. 89266
Matsuo, M. *see* Kuroda, H. 73812
Matsuo, M. *see* Kuroda, H. 83419
Matsuo, M. *see* Shinoda, K. 114161
Matsuo, M. *see* Shinoda, K. 121704
Matsuo, M. *see* Takeo, M. 103044
Matsuo, M. *see* Yabuki, H. 62173
Matsuo, M. *see* Yabuki, H. 104786
Matsuo, N., Sugiyama, T., Miyoshi, T. Growth of polycrystalline silicon grains 113417
Matsuo, N. *see* Nishi, R. 94210
Matsuo, P.J. *see* Kastenmeier, B.E.E. 114928
Matsuo, R. *see* Sato, H. 93352
Matsuo, S., Nakahara, T., Kurokawa, T. Smart pixels using vertical-cavity surface-emitting lasers 85332
Matsuo, S. *see* Asano, J. 70950
Matsuo, S. *see* Yamamoto, T. 78320
Matsuo, T. *see* Bernet, S. 121574
Matsuo, T. *see* Ishikawa, M. 121904
Matsuo, T. *see* Iwashita, T. 112422
Matsuo, T. *see* Karashima, A. 61930
Matsuo, T. *see* Leonardi, F. 111917
Matsuo, T. *see* Mochizuki, J. 89385
Matsuo, T. *see* Tsuboi, S. 74657
Matsuo, Y., Kitamura, Y., Oishi, T., Sekiguchi, N. Development and practical application of an advanced digital relay system 102244
Matsuo, Y. *see* Oishi, K. 83803
Matsuoka, E. *see* Nakahara, K. 73794
Matsuoka, F. *see* Suzuki, A. 73352
Matsuoka, H., Ahmed, H. Transport properties of two quantum dots connected in series formed in silicon inversion layers 62839
Matsuoka, H., Sampei, S., Morinaga, N., Kamio, Y. Adaptive modulation system with punctured convolutional code for high quality personal communication systems 68183
Matsuoka, H., Sampei, S., Morinaga, N., Kamio, Y. Adaptive modulation system with variable coding rate concatenated code for high quality multimedia communication systems 108183
Matsuoka, H. *see* Hanatani, S. 85194
Matsuoka, H. *see* Tomaru, T. 63809
Matsuoka, H. *see* Tomaru, T. 105968
Matsuoka, I. *see* Aoki, Y. 78845
Matsuoka, I. *see* Jeyadevan, B. 115532
Matsuoka, I. *see* Ogata, T. 68528
Matsuoka, K. *see* Ichioka, Y. 64840
Matsuoka, K. *see* Saloma, C. 79748
Matsuoka, M. Fluorescence pulse measurement and antibunched light generation by interferences 119911
Matsuoka, M., Isotani, S., Miyake, S., Setsuhara, Y., Ogata, K., Kuratani, N. Effects of ion energy and arrival rate on the composition of zirconium oxide films prepared by ion-beam assisted deposition 92816
Matsuoka, M. *see* Baba, M. 119912
Matsuoka, M. *see* Inoue, T. 69696
Matsuoka, M. *see* Kono, K. 76176
Matsuoka, M. *see* Lee, N.-E. 92709
Matsuoka, M. *see* Miyamoto, Y. 116602
Matsuoka, M. *see* Ono, M. 100494
Matsuoka, M. *see* Shimizu, R. 69440
Matsuoka, M. *see* Ying Li 119913
Matsuoka, N. *see* Tomonaga, H. 99024
Matsuoka, R., Shinokubo, H., Kondo, K., Fujimura, T., Terada, T. Artificial contamination withstand voltage characteristics of polymer insulators 64155
Matsuoka, R., Shinokubo, H., Kondo, K., Gorur, R.S. Investigation of field energized RTV coated porcelain insulators 64101
Matsuoka, R. *see* Ishii, M. 91205
Matsuoka, S., Kawase, N., Yamabayashi, Y., Kobayashi, Y. Classified path restoration scheme with hitless protection switching for large-capacity trunk transmission networks 77789

Matsuoka, S., Shiiba, K., Matsumura, S., Maeda, H., Ogawa, T., Takeda, E. Compensation method for vertical brightness shading for TFT-LCDs 100236
Matsuoka, S. *see* Matsumura, K. 68514
Matsuoka, S. *see* Miyanaga, N. 85564
Matsuoka, S. *see* Tada, Y. 78732
Matsuoka, T. InGaAlN and II-VI systems for blue-green light-emitting devices 116273
Matsuoka, T., Asano, M., Mitsuishi, S., Nagashima, K., Matsui, T. Improvement of micro mobile machine with piezoelectric driving force actuator 71612
Matsuoka, T., Miyazaki, K., Kondo, M. Development of the fire risk analysis methodology for nuclear power plants 81207
Matsuoka, T., Nakano, M., Kotaki, H., Hayashida, S., Kakimoto, S., Adachi, K., Sugimoto, K., Morishita, S., Fukushima, T., Sato, Y. Characteristics of 2.8 nm gate oxynitride MOSFETs for low-voltage operating LSI 106197
Matsuoka, T., Taguchi, S., Ohtsuka, H., Taniguchi, K., Hamaguchi, C., Kakimoto, S., Uda, K. Hot-carrier-induced degradation of N_2O-oxynitrided gate oxide NMOSFETs 105945
Matsuoka, T. *see* Iwasaki, Y. 118457
Matsuoka, T. *see* Iwata, K. 61202
Matsuoka, Y., Nemoto, H., Shimazoe, M., Yoshida, T., Tsuchiya, M., Soeno, H. Development of Fe-Ni alloy for anodic bonding [of pressure sensor] 115388
Matsuoka, Y. *see* Ida, M. 63630
Matsuoka, Y. *see* Ito, H. 84353
Matsuoka, Y. *see* Shishikura, M. 116223
Matsuoka, Y. *see* Takahashi, R. 99038
Matsura, E.J. *see* Zanon, E.R. 119534
Matsusbima, Y. *see* Tanaka, S. 95775
Matsuse, K., Yamamoto, K., Abe, K., Kitahata, T., Morita, K. Basic characteristics and control method of a new five level inverter with adjustable mid-level voltage 121577
Matsuse, K. *see* Huang, L. 81442
Matsuse, K. *see* Sekiya, T. 71495
Matsuse, K. *see* Sugiura, M. 91807
Matsuse, K. *see* Yamamoto, S. 112441
Matsuse, M., Tsuboi, S., Arakane, T., Kawasaki, M., Koinuma, H. Atomic force microscopy and scanning tunneling microscopy studies on the growth mechanism of a-Si:H film on graphite substrate 92842
Matsuse, M., Tsuboi, S., Kawasaki, M., Koinuma, H., Eguchi, M., Sakata, H. Real-space investigation of initial growth process of hydrogenated amorphous silicon on a graphite substrate 72854
Matsushima, H. *see* Yonenaka, K. 72219
Matsushima, I., Yashiro, H., Tomie, T., Okuda, I., Matsumoto, Y., Miura, E., Takahashi, E., Owadano, Y. Two-dimensional beam smoothing technique for KrF laser systems 75812
Matsushima, J. *see* Nejime, Y. 80486
Matsushima, K., Hirata, K., Ariyasu, T., Sokabe, N. Anisotropic unidirectional operation of an optically-pumped CH_3OH ring laser 107135
Matsushima, K., Saito, T., Saito, Y. Lighting guidelines for residential steps and stairways 91937
Matsushima, M. *see* Katsuki, A. 113761
Matsushima, R. *see* Okamoto, N. 76255
Matsushima, S.-S., Tomita, Y. Experimental investigation of the relationship between photorefractive and two-beam coupling response times 85689
Matsushima, T., Hayashi, Y. G-Search's approach to Internet services 87676
Matsushima, T., Hirasawa, S. A Bayes coding algorithm for FSM sources 66438
Matsushima, T., Ogata, T., Nemoto, I., Yumiba, T. Development of electrode supporting type solid oxide fuel cell 121870
Matsushima, T. *see* Matsushima, T.K. 117166
Matsushima, T.K., Matsushima, T., Hirasawa, S. Parallel encoder and decoder architecture for cyclic codes 117166
Matsushima, Y. *see* Sakata, H. 65476
Matsushima, Y. *see* Sakata, H. 85224
Matsushima, Y. *see* Tanaka, H. 64799
Matsushiro, N. Considerations on the weighted minimum description length criterion 76807
Matsushita, A., Tsuchiya, T. Decoupled preview control system with input delay time due to processing time and its application to induction motor drive 81929
Matsushita, H., Ochi, H., Moriwaki, H., Kurihara, K., Kitayama, Y., Sugai, N. High-speed and high-resolution direct plate recorder 71953
Matsushita, H., Takizawa, T. Single crystal growth of $CuInSe_2$ by selenization horizontal Bridgman method 61138
Matsushita, K., Matsuura, Y., Funabashi, T., Takeuchi, N., Kai, T., Oobe, M. Study for the performance of high speed switchgear for protection of in-house generation system 81152
Matsushita, K. *see* Miyazaki, D. 85225
Matsushita, K. *see* Nakamoto, T. 81593
Matsushita, K. *see* Okuyama, S. 69369
Matsushita, N., Morisako, A., Nakagawa, S., Naoe, M. Read/write characteristics of Co-Zn ferrite rigid disks in contact mode recording 115675
Matsushita, N. *see* Ichihara, T. 75256
Matsushita, N. *see* Naoe, M. 104160
Matsushita, N. *see* Noma, K. 115588
Matsushita, S. Trends in semiconductor manufacturing equipment 115274
Matsushita, S. *see* Murakami, M. 113844
Matsushita, S. *see* Murakami, M. 113938
Matsushita, S.I., Minami, F., Yoshida, K., Inoue, K., Akinaga, H. Fine structure of the 2P exciton in ZnSe/GaAs films studied by resonant hyper-Rayleigh and hyper-Raman scatterings 74248
Matsushita, T. *see* Higuti, M. 67978
Matsushita, T. *see* Kato, I. 104161
Matsushita, T. *see* Kiuchi, M. 75321
Matsushita, T. *see* Kiuchi, M. 75340
Matsushita, T. *see* Komori, M. 84932
Matsushita, T. *see* Nakamura, S. 75914
Matsushita, T. *see* Nakamura, S. 107293
Matsushita, T. *see* Nakamura, S. 107296
Matsushita, T. *see* Saito, H. 119809
Matsushita, Y. Extension of multilinear utility function and its fuzzy integral representation 60778
Matsushita, Y. *see* Choong Seon Hong 78203
Matsushita, Y. *see* Choong Seon Hong 87927
Matsushita, Y. *see* Hong, C.S. 67919
Matsushita, Y. *see* Ito, N. 97880
Matsushita, Y. *see* Okada, K. 67878
Matsushita, Y. *see* Okada, K.-I. 118539
Matsutani, A., Koyama, F., Iga, K. Suppression of side-etch and smoothing of micro-needle on etched surface by multistep RIBE 63326
Matsutani, A. *see* Koyama, F. 65242
Matsutani, K. *see* Inoue, K. 96969
Matsutera, H. *see* Suzuki, T. 115707
Matsuura, A. *see* Korechika, T. 122056
Matsuura, F. *see* Hajima, R. 100779
Matsuura, H. Evaluating polarization in dielectrics with continuously distributed dipole relaxation time by discharge current transient spectroscopy 115417
Matsuura, H., Tezuka, K., Aoki, I., Miura, A., Yamanaka, M., Yakihara, T., Kobayashi, S., Oka, S., Fujita, T., Murata, D. A monolithic W-band CPW rat-race mixer with HBT IF amplifier 83491
Matsuura, H., Yoshimoto, M., Matsunami, H. Interface electronic properties between silicon and silicon nitride deposited by direct photochemical vapor deposition 74487
Matsuura, H. *see* Arai, F. 67913
Matsuura, H. *see* Kobayashi, H. 114010
Matsuura, H. *see* Takenaka, T. 93887
Matsuura, H. *see* Yamamoto, O. 81127
Matsuura, H. *see* Yamamoto, O. 94184
Matsuura, K. *see* Funaki, T. 91024
Matsuura, K. *see* Matsuura, Y. 75515
Matsuura, K. *see* Matsuura, Y. 110763
Matsuura, K. *see* Tsuyoshi, A. 71691
Matsuura, K. *see* Uchida, S. 81132
Matsuura, M. *see* Kurisu, H. 82660
Matsuura, M. *see* Murata, M. 91182
Matsuura, M. *see* Nohara, B.T. 90825
Matsuura, M. *see* Shimodaira, Y. 89303
Matsuura, M. *see* Yamamoto, S. 61357
Matsuura, M. *see* Yamamoto, S. 64426
Matsuura, M. *see* Yamamoto, S. 115772
Matsuura, S. *see* Hyodo, M. 96237
Matsuura, T., Okamura, S. On FIR filter for signature verification 86194
Matsuura, T., Suzue, K., Murota, J., Sawada, Y., Ohmi, T. Self-limited fractional atomic-layer etching of Si 63351
Matsuura, T., Taku, N., Nagaoka, N., Ametani, A. A simplified calculation method of a line surge considering the frequency-dependent effect 91164
Matsuura, T. *see* Ametani, A. 111614
Matsuura, T. *see* Furuya, A. 115386
Matsuura, T. *see* Goto, K. 63723
Matsuura, T. *see* Makie-Fukuda, K. 62055
Matsuura, T. *see* Maruno, T. 85047
Matsuura, T. *see* Mita, S. 75261
Matsuura, T. *see* Mita, S. 75261
Matsuura, T. *see* Nakamura, Y. 86403
Matsuura, T. *see* Oh, S.-W. 78166
Matsuura, T. *see* Setoya, T. 112901
Matsuura, Y. Reducing jitter in PDH and ATM 77670
Matsuura, Y., Matsuura, K., Harrington, J.A. Power delivery of free electron laser light by hollow glass waveguides 110763
Matsuura, Y., Rabii, C.D., Matsuura, K., Harrington, J.A. Low order multimode generation in hollow glass waveguides 75515
Matsuura, Y. *see* Matsushita, K. 81152
Matsuura, Y. *see* Nishibe, T. 84071
Matsuura, Y. *see* Takekawa, K. 72307
Matsuxawa, Y. *see* Kitazawa, T. 89256
Matsuya, Y. *see* Mutoh, S. 73426
Matsuya, Y. *see* Shigematsu, S. 104611
Matsuyama, A.H. *see* Kohashi, T. 75070
Matsuyama, H. *see* Chih-Huang Lai 75145
Matsuyama, H. *see* Takeda, K. 103514
Matsuyama, I. *see* Ishikawa, T. 74637
Matsuyama, I. *see* Ishikawa, T. 94867
Matsuyama, I. *see* Lopez, M. 61294
Matsuyama, K., Asada, H., Ikeda, S., Umezu, K., Tauiguchi, K. High sensitive magnetoresistance in evaporated spin valves with growth-induced uniaxial anisotropy 115626
Matsuyama, K., Mizushina, S., Kimura, M., Sugiura, T. Comparison between CMAC and fuzzy algorithm for the rate regulation in rate adaptive cardiac pacemakers 80490
Matsuyama, K., Okuda, M., Ikehara, M. Approximation of group delay response using weighted least square method 117526
Matsuyama, K., Yoshioka, S., Shimizu, M., Aoki, N., Tozawa, Y. A burst GFSK-modem for wireless LAN systems 88005
Matsuyama, K. *see* Asada, H. 84852
Matsuyama, K. *see* Asada, H. 115879
Matsuyama, K. *see* Fogarty, K.J. 84802
Matsuyama, K. *see* Okuda, M. 117369
Matsuyama, K. *see* Sumiyoshi, F. 95561
Matsuyama, M. *see* Kawashima, H. 84718
Matsuyama, M. *see* Kawashima, H. 84721
Matsuyama, S., Ohkubo, T., Baba, M., Iwasaki, S., Soda, D., Ibaraki, M., Hirakawa, N. Developments of a long liquid scintillation detector for fast neutron time-of-flight experiments 69843
Matsuyama, S. *see* Baba, M. 90114
Matsuyama, T., Matsunaga, A., Ogawa, T., Mizuno, M. Model for molten carbonate fuel cell 102959
Matsuyama, T., Terada, N., Baba, T., Sawada, T., Tsuge, S., Wakisaka, K., Tsuda, S. High-quality polycrystalline silicon thin film prepared by a solid phase crystallization method 92881
Matsuyama, T. *see* Aoyama, M. 87098
Matsuyama, Y. *see* Fujii, M. 67435
Matsuzaki, F. *see* Ishide, A. 80556
Matsuzaki, H., Mizote, M. Extraction of heart beat rhythm and respiratory rhythm in the facial temperature fluctuations 90477
Matsuzaki, H. *see* Terai, M. 104461
Matsuzaki, K. *see* Ezawa, H. 80081
Matsuzaki, K. *see* Ezawa, H. 100931
Matsuzaki, K. *see* Horii, Y. 88013
Matsuzaki, M. *see* Kobari, T. 100406
Matsuzaki, N. *see* Mizuno, H. 73354
Matsuzaki, S.-I., Kobayashi, Y., Nakano, H., Washimi, K., Nishida, F., Kumamoto, H., Isoyama, Y., Kagawa, K., Yokote, S., Hattori, O., Sorida, Y., Nishi, Y., Mimura, R., Hayama, T. Cruise Mate SNV-AD10 car navigation system 103149
Matsuzaki, T., Nagao, S., Sugita, M., Ueda, M., Ito, H., Ushijima, M. Realtime computer systems [for industrial automation] 109014
Matsuzaki, Y. *see* Hishinuma, M. 81763
Matsuzawa, A. *see* Yamauchi, H. 104648
Matsuzawa, H., Nakada, T. Modified van Vaals-Bergman coaxial cable coil (lambda coil) for high-field imaging 80347
Matsuzawa, H. *see* Miyachi, T. 80020
Matsuzawa, H. *see* Nishiguchi, I. 107753
Matsuzawa, K. Development of a digital watch equipped with IR communication 73507
Matsuzawa, T., Aoki, Y., Takeuchi, N., Murayama, Y. A new long phosphorescent phosphor with high brightness, $SrAl_2O_4{:}Eu^{2+},Dy^{3+}$ 116221
Matsuzawa, T. *see* Mack, C.A. 115048
Matsuzawa, T. *see* Sekiguchi, A. 74654
Matsuzawa, T. *see* Sekiguchi, A. 105749
Matsuzawa, T. *see* Sekiguchi, A. 115049
Matsveiko, A.A. *see* Ivanov, V.V. 119543
Mattar, K.E. *see* Campbell, J.W.M. 120850
Mattavelli, M., Nicoulin, A. Pre and post processing for very low bit rate video coding 67129
Mattavelli, M., Nicoulin, A., Fernandez, G. Overlapped motion compensation for subband coding of video sequences 67064
Mattavelli, M. *see* Basso, A. 67912
Mattavelli, P. *see* Malesani, L. 71472
Mattei, G. *see* Ascarelli, P. 72919
Mattei, G. *see* Polini, R. 61432
Mattei, G. *see* Salvatori, S. 114690
Mattei, P. *see* Ferdinand, R. 89727
Matteini, A. *see* Sukumar, V. 82203
Matteini, A. *see* Sukumar, V. 82940
Matteo, A.M., Do, N., Tsai, C.S. Collinear acousto-optical interactions in proton-exchanged lithium niobate waveguides 95885
Matteo, A.M. *see* Passaro, V.M.N. 116089
Matter, M. *see* Berti, M. 92757
Mattera, T. *see* Holebrook, S. 119115
Mattes, B. *see* Sawatari, T. 100051
Mattes, B.R. *see* Smilowitz, L. 96612
Mattes, H., Pilz, M. Cryogenically coolable HEMT amplifiers in the frequency range 2-45 GHz 62267
Mattes, H. *see* Gusten, R. 68806
Matteucci, G., Missiroli, G.F., Pozzi, G. Electron holography of electrostatic fields 74085
Matteucci, M., Mezzanotte, P., Roselli, L., Ciampolini, P. Numerical analysis of electronic circuits with FDTD-LE technique 93060
Matteuzzi, C. *see* Calvi, M. 106964
Matthaei, G.L., Fenzi, N.O., Forse, R., Rohlfing, S. Narrow-band hairpin-comb filters for HTS and other applications 83313
Matthaei, G.L., Rohlfing, S.M., Forse, R.J. Design of HTS, lumped-element, manifold-type microwave multiplexers 98964
Matthaeis, P.de *see* de Matthaeis, P.
Mattheis, R., Andrae, W., Berkov, D.V. Linear defects in GMR multilayers 64388
Matthes, M., Stiebler, W., Bock, G., Kellner, W., Siweris, H.J. Broadband MMIC mixer 73773
Matthes, M. *see* Stiebler, W. 95051
Matthews, A. Application of IS-136 to personal communication services 67592
Matthews, A. Application of IS-136 to personal communication services 118848
Matthews, A., Guerville, P. Tomographic reconstruction using two views 80318

Matthews, A. *see* Norgard, C. 72922
Matthews, D.G., Boon, J.R., Conroy, R.S., Sinclair, B.D. A comparative study of diode pumped microchip laser materials: Nd-doped YVO_4, YOS, SFAP and SVAP 65173
Matthews, E., Watson, A., Buckett, J., Watson, T.J. Multimedia conferencing for remote language teaching over SuperJANET 87904
Matthews, J., Ashburner, J., Bailey, D., Harte, R., Price, P., Jones, T. The direct calculation of parametric images from raw PET data using maximum likelihood iterative reconstruction 101183
Matthews, J., Makedon, F., Gloor, P. VideoScheme: a research, authoring, and teaching tool for multimedia 118612
Matthews, J., Martel, C. Parallel algorithms using unreliable broadcasts 78005
Matthews, K.E., Namazi, N.M. Simultaneous parameter estimation and image segmentation for image sequence coding 86522
Matthews, K.L., II. *see* Aarsvold, J.N. 110700
Matthews, K.L., II *see* Mintzer, R.A. 101258
Matthews, M.P. *see* Heinrichs, R.M. 120652
Matthews, P., Yoon Kang, Kustom, R. Storage ring cavity higher-order mode dampers for the Advanced Photon Source 100511
Matthews, P. *see* Bernadas, S. 79200
Matthews, P.J., Berenc, T., Schoenfeld, F., Feinerman, A.D., Kang, Y.W., Kustom, R. Electromagnetic field measurements a millimeter wave linear accelerator 100436
Matthews, P.J. *see* Frankel, M.Y. 97366
Matthews, P.J. *see* Kang, Y.W. 89647
Matthews, S.R., Beattie, W.C. Maintaining power quality with phase-controlled welders using current pulse compensation 91982
Matthews, S.R. *see* Beattie, W.C. 102834
Matthewson, M.J. *see* Bochien Lin 84979
Matthewson, M.J. *see* Camilo, G.M. 84970
Matthewson, M.J. *see* Kurkjian, C.R. 84968
Matthewson, M.J. *see* Shiue, Y.S. 84978
Matthewson, M.J. *see* Wojcik, A.B. 84977
Matthewson, P.W., Rogers, S.J. The integrated production facility 119415
Matthies, L. *see* Panicacci, R. 100124
Matthieussent, G. *see* Amiranoff, F. 79838
Matthieussent, G. *see* Amiranoff, F. 89645
Matthys, L., Lambert, H., De Mey, G. A recursive construction of particular solutions to a system of coupled linear partial differential equations with polynomial source term 72680
Mattia, F., Souyris, J.C., le Toan, T., de Carolis, G., Floury, N., Posa, F., Pasquariello, G. Use of polarization synthesis from polarimetric SAR data for roughness estimation over bare fields 120728
Mattick, J.H.N., Kelsall, R.W., Miles, R.E. Reliability prediction through critical area analysis 60733
Mattick, J.H.N., Kelsall, R.W., Miles, R.E. Improved critical area prediction by application of pattern recognition techniques 113038
Mattiello, C., Stola, L. Electromagnetic field studies in urban environment with a higher-order parabolic equation 99340
Mattikalli, N.M. *see* Engman, E.T. 120839
Mattila, J. *see* Laurila, J. 109516
Mattila, K.T., Komu, M., Karsikas, R., Hatakka, P., Heinonen, O.J., Kormano, M. Knee extension dynamometer: a new device of dynamic isokinetic magnetic resonance spectroscopy experiments 120285
Mattila, P. Capacitive ultrasonic transducers and imaging systems 101609
Mattila, R. *see* Khalid, T. 91252
Mattingly, G.E. *see* Yeh, T.T. 79759
Mattis, G. Fabrication tips for high speed design [PCBs] 94004
Mattis, J., Sheng, P., DiScipio, W., Leong, K. A framework for analyzing energy efficient injection-molding die design 72378
Mattison, T. *see* Mours, B. 100821
Mattison, T. *see* Mours, B. 120196
Mattison, T. *see* Raubenheimer, T.O. 89662
Mattison, T.S., Cassel, R.L., Donaldson, A.R., Gross, G. Fast and reliable kicker magnets for the SLC damping rings 100719
Mattle, K., Weinfurter, H., Kwiat, P.G., Zeilinger, A. Dense coding in experimental quantum communication 76680
Mattle, K. *see* Weinfurter, H. 117115
Mattogno, G. *see* Bruni, M.R. 63050
Mattolini, R. *see* Bogani, F. 62999
Mattoon, J.S. Modeling and simulation: a rationale for implementing new training technologies 112751
Mattoon, J.S. *see* Andrews, D.H. 120585
Mattord, T.J. *see* Sellidj, A. 72759
Mattos, G.M. *see* Torreao, J.R.A. 86848
Mattos, L.A.Frota *see* Frota Mattos, L.A.
Mattos, P.G. WAAS/EGNOS-ready 2-chip GPS chipset 88778
Mattoso, N., Mosca, D.H., Schreiner, W.H., Mazzaro, I., Teixeira, S.R. Epitaxial growth of α-Fe films on $CaF_2(111)/Si(111)$ structures 63130
Mattson, H.F., Jr. *see* Cohen, G.D. 66342
Mattson, L.F. *see* Hall, S.H. 116522
Mattsson, U., Jonsson, A., Jontell, M., Cassuto, J. Digital image analysis (DIA) of colour changes in human skin exposed to standardized thermal injury and comparison with laser Doppler measurements 90412
Matulewicz, T., Aphecetche, L., Charbonnier, Y., Delagrange, H., Marques, F.M., Martinez, G., Schutz, Y. Identification of hydrogen isotopes with the BaF_2 electromagnetic calorimeter TAPS 110596
Matulioniene, I. *see* Aninkevicius, V. 63084
Matulionis, A. *see* Aninkevicius, V. 63084
Matumoto, T. *see* Koizumi, H. 71197
Matus, L.G. *see* Fleischman, A.J. 74939
Matus, M. *see* Rebolledo, R. 103156
Matusita, K., Omatu, S. Use of the homotopy method for excitation control of generators for multimachine power system 121039
Matusovsky, M. *see* Vaynberg, B. 116712
Matuszczyk, T., Buivydas, M., Lagerwall, S.T., Bernardini, F., Maltese, P. Studies of bistability phenomena in SSFLC cells 89324
Matuszczyk, T., Maltese, P., Bernardini, F. Investigations on restoring torques in bistable SSFLC cells 75613
Matuszewski, P. Standardization of power transformers in the range of 220-550 kV/70-200 MVA. Birth of "P" range transformers 81521
Matuzawa, H. *see* Ohshima, A. 90067
Matveets, Yu.A. *see* Dement'ev, D.A. 65572
Matveev, A.V., Grachev, V.E., Sobolev, V.V., Tazlavan, V.E. The reflectivity spectra of $CuAlSe_2$-$CuGaSe_2$ solid solutions 62777
Matveev, A.Ya. *see* Kalmykov, A.I. 68634
Matveev, B.A. *see* Aidaraliev, M. 69339
Matveev, B.A. *see* Aidaraliev, M. 116468
Matveev, B.A. *see* Bresler, M.S. 116506
Matveev, B.A. *see* Mikhailova, M.P. 116233
Matveev, B.A. *see* Zotova, N.V. 96268
Matveev, K.A., Glazman, L.I., Baranger, H.U. Theory of Coulomb blockade of tunneling through a double quantum dot 105411
Matveev, R.F. *see* Korshunov, I.P. 107971
Matveev, V.N. *see* Nikitenko, V.I. 79655
Matveev, V.P. *see* Kagan, M.B. 81870
Matveev, Yu. *see* Kadnikov, A. 89779
Matveev, Yu.A. *see* Efimov, O.M. 107448
Matveev, Yu.A. *see* Gavrilov, O.T. 74675
Matveeva, A.B. *see* Kashkarov, P.K. 74113
Matveeva, A.B. *see* Timoshenko, V.Yu. 94299
Matveichuk, P.A. *see* Rubinraut, A.M. 120332
Matveyev, A.L. *see* Gershman, A.B. 66784
Matveyev, V.F., Borisov, R.K., Kadykov, N.V. Experimental estimation of electromagnetic environment at the substation Vladimirskaya 750 kV 71595
Matyas, S.M. *see* Coppersmith, D. 97457
Matyi, R.J. *see* Deshpande, M.R. 63811
Matysek, M. *see* Ban, J. 69810
Matysik, J. Peak-holding control systems in resonant DC/AC converters 91628
Matysik, J. An integration controller as a voltage regulation system in resonant DC/DC converters 91629
Matytsin, S.M., Rozanov, K.N., Simonov, N.A. Permittivity measurement using slotted coaxial resonator 110349
Matyuk, V.F., Strelyukhin, A.V. Allowing for the skin effect in the coil of a solenoid designed for impulsive magnetization when its geometric dimensions are being optimized 93006
Matyukov, A.V. *see* Naidenov, V.O. 79928
Matyushevsky, E.A. *see* Anischenko, N.G. 120106
Matyushin, A.T. *see* Aksinenko, V.D. 69851
Matyushin, A.T. *see* Aksinenko, V.D. 69852
Matyushin, V.T. *see* Aksinenko, V.D. 69851
Matyushin, V.T. *see* Aksinenko, V.D. 69852
Matz, H. *see* Wolter, S. 97474
Matz, M. *see* Trolliet, B. 72248
Matz, T.L. *see* Greer, W.L. 72360
Matz, W. *see* Weishart, H. 94713
Matz, W. *see* Weishart, H. 105592
Matzander, U.H. *see* Zhang, Y. 64553
Matzel, E. Widescreen television at ZDF 119373
Mau, R. *see* Bharadwaj, V. 79817
Mau, R. *see* Speth, R.R. 114871
Mauceli, E., Geng, Z.K., Hamilton, W.O., Johnson, W.W., Merkowitz, S., Morse, A., Price, B., Solomonson, N. The Allegro gravitational wave detector: data acquisition and analysis 99874
Mauceri, T., Biggs, P.J., Beatty, J., Doppke, K., Gall, K., Hong, L., Leong, J., Lo, Y.C., Rosenthal, S.R., Russell, M.D. A method for predicting the variation of the depth of maximum dose in shaped electron fields 80448
Mauch, K. *see* Jing Wang 113728
Mauch, K. *see* Jing Wang 121777
Mauch, R.H. Electroluminescence in thin films 64907
Mauch, R.H. *see* Huettl, B. 75712
Mauch, R.H. *see* Quang, V.X. 106958
Mauch, R.H. *see* Velthaus, K.-O. 89343
Mauckner, G. *see* Binder, M. 94257
Maucorps, A. Business network administration 87578
Maud, J.M. *see* Bartlett, I.D. 95630
Maud, J.M. *see* Salih, A.J. 113462
Maude, D.K. *see* Coppinger, F. 62929
Maude, D.K. *see* Daly, M.S. 63023
Maude, D.K. *see* Dubrovskii, Yu.V. 62827
Maude, D.K. *see* Gassot, P. 62974
Maude, D.K. *see* Gusev, G.M. 62876
Maude, D.K. *see* Gusev, G.M. 63032
Maude, D.K. *see* Gusev, G.M. 74426
Maude, D.K. *see* Herfort, J. 105250
Maude, D.K. *see* Oswald, J. 105402
Maude, D.K. *see* Sander, T.H. 105405
Maudgal, V. Thermal modeling of densely packed electronic systems 103445
Maudsley, A.A. *see* Haupt, C.I. 70091
Mauduit, N. *see* Sasaki, H. 95907
Mauerhofer, E. Improvement in the counting statistics and in the limit of detection with Compton suppression spectrometers-a contribution to instrumental neutron activation analysis 90254
Mauerhofer, E., Tharun, U., Denschlag, H.O., Schmidt, R., Kratz, J.V. A Compton suppression spectrometer for neutron activation analysis 69885
Mauersberger, K. *see* Ma, Y. 120170
Maugain, F. *see* Ghidini, G. 63179
Maughan, R.L., Yudelev, M., Kota, C. A measurement of the fast-neutron sensitivity of a Geiger-Muller detector in the pulsed neutron beam from a superconducting cyclotron 101417
Mauguiere, F. *see* Tinazzi, M. 90520
Maul, D. *see* Jian Xie 112487
Maul, G.P., Gillard, J.S. Teaching problem solving skills 103335
Maulat, C., Buret, F., Beroual, A., Yousfi, M. Withstand voltage of an HV circuit breaker at low temperatures 81608
Maun, J.-C., Philippot, L., Coemans, J., Mouvet, M. Power system modelling for the design of advanced fault locators and line protections 102322
Maun, J.-C. *see* Coemans, J. 111667
Maun, K. *see* Fell, J. 90525
Maun, K. *see* Laux, S. 107467
Maundrell, M. *see* Honary, B. 88082
Maundy, B.J., Aronehime, P.B., El-Masry, E.I. Switched-capacitor filters: the current mode approach 93564
Maundy, B.J., Aronhime, P.B. Switched-capacitor current conveyor building blocks 104740
Maundy, B.J. *see* Lata, Z.J. 104291
Maure, S., Albrand, G., Amra, C. Low-level scattering and localized defects 116184
Maurel, W. *see* Beylot, P. 108464
Maurer, C.R., Jr. *see* Wang, M.Y. 70047
Maurer, D. *see* Brauninger, H. 90702
Maurer, D. *see* Neuenschwander, P. 109983
Maurer, G. *see* Hasse, H. 82015
Maurer, I.A. *see* Denisyuk, Yu.N. 96815
Maurer, J., Requardt, H., Sander, B., Knollmann, F.D., Lemke, A.-J., Vogl, T.J., Felix, R. Applications of specialized coils for high-resolution MRI on a whole-body scanner 80351
Maurer, J. *see* Knollmann, F.D. 80350
Maurer, P.M. Is compiled simulation really faster than interpreted simulation? 93083
Maurer, R., Kreuzer, F.-H., Stohrer, J. Cholesteric reflectors with a color pattern 85139
Maurer, T., von der Malsburg, C. Tracking and learning graphs and pose on image sequences of faces 117893
Maurer, U. *(editor)* Advances in Cryptology - EUROCRYPT '96. International Conference on the Theory and Application of Cryptographic Techniques. Proceedings 72067
Maurer, U.M., Schmid, P.E. A calculus for security bootstrapping in distributed systems 108104
Maurer, U.M., Wolf, S. Diffie-Hellman oracles 97507
Maurer, W., Heller, R., Ruf, C. The Magnet Design Facility MDF of the Forschungszentrum Karlsruhe 65731
Maurer, W. *see* Darweschsad, M. 95517
Maurer, W. *see* Libeyre, P. 95518
Maurer, W. *see* Sihler, C. 106717
Mauri, A. *see* Dal Fiume, D. 101038
Mauri, M. *see* Matricciani, E. 68326
Maurice, E., Monnom, G., Dussardier, B., Ostrowsky, D.B. Clustering effects on double energy transfer in heavily ytterbium-erbium-codoped silica fibers 64644
Maurice, E. *see* Wade, S.A. 79498
Maurice, F. *see* Colineau, J. 115795
Maurin, D., Yansheng Xu, Huyart, B., Wu, K., Cuhaci, M., Bosisio, R.G. CPW millimeter-wave six-port reflectometers using MHMIC and MMIC technologies 69002
Maurin, G. *see* Bouroushian, M. 113405
Maurin, M. *see* Tomasini, P. 113338
Maurine, P., Dombre, E. A calibration procedure for the parallel robot Delta 4 79701
Mauris, G., Benoit, E., Foulloy, L. Local measurement validation for an intelligent telemeter 110034
Mauritz, O. *see* Ferreira, A.C. 62963
Mauritz, O. *see* Ferreira, A.C. 105400
Mauro, A.Di *see* Di Mauro, A.
Mauro, E.C.Di *see* Di Mauro, E.C.
Mauro, R. *see* Braz, A. 81063
Maury, C. *see* Mahl, R. 72113
Maury, D. *see* Regolini, J.L. 104029
Maury, J., Lemaire, P., Goossens, J.P., Le Guyadec, E., Borgard, J.M. Physical consequences of the rapid drop of the electron temperature in copper vapour laser (CVL) 116384
Maury, S. *see* Bosser, J. 89844
Maury, S. *see* Church, M. 79992
Mauskar, A. *see* Monteiro, J. 83075
Mausner, E. *see* Shein, E. 81986

Mauthe, A. *see* Garcia, F. 98897
Mauthe, A. *see* Yeadon, N. 78210
Mauthe, G., Niemeyer, L., Pryor, B.M., Probst, R., Brautigam, H., O'Connell, P.A., Pettersson, K., Morrison, H.D., Poblotzki, J., Koenig, D. SF_6 and the global atmosphere 64161
Mautz, K., Hall, M., Cadenhead, J. Elimination of bond pad corrosion caused by solvent exposure 63445
Mautz, K.E. Investigation of plasma etch chemistry using ICP spectroscopy 63394
Mautzai Huang *see* Huang Mautzai
Mauuary, D. *see* Essebbar, A. 98356
Mavko, B. *see* Jordan-Cizelj, R. 71084
Mavlyutov, A.A., Mis'kevich, A.I. Nuclear pumped excimer laser operating at 308 nm wavelength 75783
Mavridis, P.P., Moustakides, G.V. Simplified Newton-type adaptive estimation algorithms 97722
Mavrin, M.A. *see* Shuvalov, M.Y. 70908
Mavrin, M.A. *see* Shuvalov, M.Yu. 102155
Mavrocordatos, C. *see* Vincent, N. 111207
Mavroidis, D. *see* Hosseini, A. 83146
Mavronicolas, M. Wait-free solvability via combinatorial topology 98485
Maw-Hui Lee *see* Jiun-Wei Horng 62016
Mawardi, O.K., Blanchard, E., Tabib-Azar, M. Geodesic lenses as pressure gauges 95779
Mawatari, H., Fukuda, M., Matsumoto, S.-I., Kishi, K., Itaya, Y. Reliability and degradation behaviours of semi-insulating Fe-doped InP buried heterostructure lasers fabricated by MOVPE and dry etching technique 116551
Mawby, P.A., Evans, M., Towers, M.S. Simulation of transient thermal effects during GTO turn off 63646
Mawby, P.A. *see* Chen, X.B. 63514
Mawby, P.A. *see* Li, Z.M. 84382
Mawer, A. *see* Darveaux, R. 92236
Mawer, A.J. *see* Banks, D.R. 92243
Mawhinney, D. *see* Yost, T.A. 73766
Mawira, A. *see* Rizk, K. 116884
Mawst, L. *see* Young, C.L. 65200
Mawst, L.J., Bhattacharya, A., Lopez, J., Botez, D., Garbuzov, D.Z., DeMarco, L., Connolly, J.C., Jansen, M., Fang, F., Nabiev, R.F. 8 W continuous wave front-facet power from broad-waveguide Al-free 980 nm diode lasers 107295
Mawst, L.J., Bhattacharya, A., Nesnidal, M., Lopez, J., Botez, D., Morris, J.A., Zory, P. High CW output power InGaAs/InGaAsP/InGaP diode lasers: effect of substrate misorientation 65314
Mawst, L.J., Bhattacharya, A., Nesnidal, M.P., Lopez, J. High-power, narrow-beam, single-mode ARROW-type semiconductor diode lasers 96253
Mawst, L.J. *see* Bhattacharya, A. 65312
Mawst, L.J. *see* Botez, D. 116491
Mawst, L.J. *see* Nesnidal, M.P. 65311
Max, L.B. *see* Cogan, A.I. 73131
Max, L.B. *see* Cogan, A.I. 73744
Max, L.B. *see* Sooknanan, K. 93139
Max Wong Kon *see* Kon Max Wong
Maxaev, O.G. *see* Vitrik, O.B. 89128
Maxam, D. *see* Cushman, P. 110590
Maxam, D. *see* Wu, J. 110619
Maxey, C. *see* Capper, P. 94719
Maxey, C.D. *see* Wasenczuk, A. 74235
Maxey, J.J., Ormondroyd, R.F. Optimisation of orthogonal low-rate convolutional codes in a DS-CDMA system 88343
Maxey, J.J. *see* Ormondroyd, R.F. 78400
Maxfield, C. A Reed-Muller extraction utility 73276
Maxfield, C. Whose fault is it anyway? An introduction to digital fault simulation 93207
Maxfield, C. Digital logic simulation: event-driven, cycle-based, and home-brewed 104421
Maxfield, C.M. LPMs: high-level design uses low-level techniques 83010
Maxfield, S.J. *see* Burke, S. 69776
Maximov, I. *see* Miller, M.S. 61291
Maximov, I. *see* Miller, M.S. 103940
Maximov, M.V. *see* Grundmann, M. 105374
Maximov, M.V. *see* Kirstaedter, N. 65202
Maximov, M.V. *see* Kirstaedter, N. 96397
Maximov, M.V. *see* Kop'ev, P.S. 107351
Maximov, M.V. *see* Ledentsov, N.N. 62870
Maximov, M.V. *see* Ledentsov, N.N. 92737
Maximov, M.V. *see* Ledentsov, N.N. 107223
Maximov, M.V. *see* Schmidt, O.G. 85517
Maximov, M.V. *see* Schmidt, O.G. 107275
Maximus, B., De Meyere, A., Poels, J.P. Influence of thickness variations in LCDs on color uniformity 89304
Maximus, B. *see* Colpaert, C. 75615
Maximus, B. *see* Colpaert, C. 85123
Maximus, B. *see* De Ley, E. 106869
Maximus, B. *see* Pauwels, H. 89350
Maximychev, A.V. *see* Rambidi, N.G. 95901
Maxwell, B.A., Shafer, S.A. Physics-based segmentation: moving beyond color 86448
Maxwell, D.J. *see* Hughes, S.W. 90469
Maxwell, D.J. *see* Hughes, S.W. 110688
Maxwell, G.D. Photosensitivity and rare-earth doping in flame hydrolysis deposited planar silica waveguides 95784
Maxwell, J., Ning Chan, Templeton, A. Transients vs. electronic circuits. III. Multilayer varistors 84503
Maxwell, J. *see* Todd, C.D. 116166
May, B.F. *see* Comley, V.E. 78344
May, C. *see* Vianco, P.T. 94061
May, F. *see* Tischer, M. 64233
May, G. *see* Kim, T. 105686
May, G.C., Bredow, J.W., Juying, J., Nadimi, S.A., Fung, A.K. Bistatic microwave investigations of sea ice-like media 111296
May, G.J. Valve-regulated lead-acid batteries–meeting the challenge 81721
May, G.J. Development of valve-regulated lead/acid batteries for distributed power requirements 112269
May, G.S. Microelectronics fabrication training using multimedia and the Web 72135
May, G.S. *see* Seung-Soo Han 102996
May, I. *see* Ozanyan, K.B. 74455
May, J. *see* Fagan, J.G. 75163
May, L. *see* Ozanyan, K.B. 74168
May, L.M. *see* Carlsten, B.E. 96503
May, L.M. *see* Carlsten, B.E. 100467
May, L.P. *see* Byfield, M.P. 79312
May, M. *see* Foster, G.W. 89784
May, M. *see* Johnson, D.E. 89798
May, P.G. *see* Baigent, D.R. 75760
May, P.T. *see* Rajopadhyaya, D.K. 80645
May, P.W., Burridge, P.R., Rego, C.A., Tsang, R.S., Ashfold, M.N.R., Rosser, K.N., Tanner, R.E., Cherns, D., Vincent, R. Investigation of the addition of nitrogen-containing gases to a hot filament diamond chemical vapour deposition reactor 72926
May, P.W. *see* Rego, C.A. 61403
May, P.W. *see* Tsang, R.S. 72927
May, R.G. *see* Wang, G.Z. 79474
May Lau Kei *see* Kei May Lau
Mayatskii, V.A. *see* Belikov, S.V. 120187
Maybank, S. Finite-dimensional filters 66793
Maybank, S.J., Worrall, A.D., Sullivan, G.D. A filter for visual tracking based on a stochastic model for driver behaviour 67309
Maybeck, P. *see* Eide, P. 101479
Mayberg, M.R. *see* Phillips, M.H. 110899
Maycock, J. *see* Jackson, M.K. 88563
Mayer, A., Ofek, Y., Yung, M. Approximating max-min fair rates via distributed local scheduling with partial information 87795
Mayer, B. Small signal analysis of source vapor control requirements for APCVD 92908
Mayer, B. A 3π detector at the Saclay η tagging facility 110584
Mayer, B., Mannhart, J., Hilgenkamp, H. Electric field controllable Josephson junctions of high quality in high-T_c superconductors 64559
Mayer, B. *see* Freyer, J. 62177
Mayer, B. *see* Mannhart, J. 95481
Mayer, C., Sahm, H., Pleickhardt, J. A graphical data management system for HDL-based ASIC design projects 113672
Mayer, C. *see* Sahm, H. 82894
Mayer, D., Ulrych, B. A circuit approach to the computation of the electric field of floating electrodes 75038
Mayer, D., Ulrych, B. Numerical solution of transient state of electromagnetic actuators 85803
Mayer, E.J. *see* Bott, K. 62940
Mayer, E.J. *see* Kuhl, J. 62867
Mayer, F., Salis, G., Funk, J., Paul, O., Baltes, H. Scaling of thermal CMOS gas flow microsensors: experiment and simulation 79328
Mayer, H.-P. *see* Simes, R. 76018
Mayer, H.P. *see* Klenk, M. 96423
Mayer, H.P. *see* Simes, R. 65223
Mayer, I.S., Geurts, J.L. Consensus conferences as participatory policy analysis, a methodological contribution to the social management of technology 92129
Mayer, J., Seara, R., Filho, S.N., Bermudez, C.M. An analytical compensation for the sample-and-hold distortion 93630
Mayer, J.H. Defeating ESD 65654
Mayer, J.W. *see* Atzmon, Z. 113347
Mayer, J.W. *see* Eyal, A. 83968
Mayer, K. Introduction to high speed design 94008
Mayer, K., Sugden, M. Analog place and route techniques [PCB design] 94018
Mayer, K. *see* Donhoffer, D. 82285
Mayer, M. *see* Macri, J.R. 80155
Mayer, M. *see* Macri, J.R. 101024
Mayer, M.G., Rand, D.A.J. Leady oxide for lead/acid battery positive plates: scope for improvement? 112252
Mayer, R. *see* Davies, T.S. 102525
Mayer, S. *see* Josephs, L.C. 83557
Mayer, S.T. *see* Tran, T.D. 81667
Mayer, T. Design considerations and applications for innovative display options using projector arrays 89229
Mayer, T.M. *see* Adams, D.P. 84255
Mayer, T.S., Kane, T.J. Low light-level IR detectors for use in lidar systems 120771
Mayer, V.J. *see* Fortner, R.W. 112807
Mayer-Kress, G. Global brains and communication in a complex adaptive world 98787
Mayer-Kuckuk, T. *see* Albers, D. 69756
Mayergoyz, I.D. *see* Adly, A.A. 115564
Mayergoyz, I.D. *see* Gomez, R.D. 84764
Mayergoyz, I.D. *see* Gwo-Chung Tai 113843
Mayergoyz, L.D. *see* Wenchao Liang 84283
Mayerhofer, W., Jung, M., Zeyfang, E. Advanced technology for high average power pulsed gas lasers 107111
Mayers, D. Quantum key distribution and string oblivious transfer in noisy channels 97511
Mayers, F.R. *see* Rosseinsky, D.R. 116229
Mayes, A.G. *see* Millington, R.B. 119750
Mayes, B.W. *see* Chen, Y.K. 69865
Mayes, B.W., II *see* Szymanski, J.J. 110589
Mayes, D.J., Murray, A.F., Reekie, H.M. Pulsed VLSI for RBF neural networks 62124
Mayes, M.K., Chin, S.W. Monolithic low-power 16 b 1 MSample/s self-calibrating pipeline ADC 73490
Mayes, R., Ganjei, L., Burnham, R. Photoresist lifting headache [PCB fabrication] 94102
Mayhan, J.T., O'Donnell, R.M., Willner, D. COBRA GEMINI radar 111420
Mayhew, C.A., Bacs, A., Jr. Parallax scanning using a single lens 100226
Mayhew, J.E.W. *see* Garding, J. 67254
Mayhew, S.E. *see* Balfour, C. 96558
Mayhew, S.E. *see* Dearden, G. 96504
Mayhew, S.E. *see* Dearden, G. 96505
Mayles, P. *see* Mobit, P.N. 80514
Maynard, E.M. *see* Normann, R.A. 70227
Maynard, H., Rietman, E., Lee, J.T.C., Ibbotson, D. Plasma etching endpointing by monitoring RF power systems with an artificial neural network 63397
Maynard, H.L., Rietman, E.A., Lee, J.T.C., Ibbotson, D.E. Plasma etching endpointing by monitoring radio-frequency power systems with an artificial neural network 74598
Mayne, A. *see* Dujardin, G. 63342
Mayo, J. *see* Hunninghake, J. 100199
Mayo, R.M. *see* Black, D.C. 69033
Mayo, W.E. *see* Yuan, C. 61205
Mayo, W.E. *see* Yuan, C. 104063
Mayora, K., Diez, A., Olariaga, E., Obieta, G. Multisensor perception system for environment modeling 119866
Mayoraz, E.N. On the power of democratic networks 93649
Mayorov, A. *see* Gil, N. 113016
Mayoux, C. *see* Messaoudi, R. 115408
Mayr, M. *see* Preis, K. 103326
Mayr, M.J. *see* Heffernan, K.J. 90691
Mayrargue, S. *see* Gesbert, D. 117924
Mayri, C. *see* Baze, J.M. 90186
Mayri, C. *see* Dael, A. 90053
Mayri, C. *see* Gallet, B. 90054
Mays, H. *see* Subic, A. 72116
Maystre, D. *see* Delort, T. 116922
Mayton, A.G. *see* Gallagher, S. 71965
Maywald, M. *see* Balk, L.J. 115117
Mayweather, D., Kazovsky, L., Downs, M., Frigo, N. Wavelength tracking of a remote WDM router in a passive optical network 99571
Mayweather, D.T. *see* Kazovsky, L.G. 68441
Mayweather, D.T. *see* Ting-Kuang Chiang 77944
Mazaev, G.A. *see* Pushkarev, G.P. 96856
Mazaheri, G. *see* Turner, J.L. 89654
Mazaki, H. *see* Bae, J. 93752
Mazaki, H. *see* Fujii, T. 83341
Mazal-Tov, S. *see* Levitin, G. 70868
Mazal-Tov, S. *see* Levitin, G. 91147
Mazal-Tov, S. *see* Levitin, G. 121110
Mazal-Tov, Sh. *see* Levitin, G. 102121
Mazarakis, M.G., Mikkelson, K., Poukey, J.W., Westfall, R. Power flow studies with HERMES-III, 300-ns pulse operation 69584
Mazarakis, M.G., Poukey, J.W., Corley, J.P., Smith, D.L., Bennett, L., Ramirez, J.J., Pankuch, P., Smith, I., Corcoran, P., Spence, P. Design and power flow studies of a 500-TW inductive voltage adder (IVA) accelerator 89601
Mazarakis, M.G., Smith, D.L., Poukey, J.W., Cordova, S.R., Pankuch, M.G., Maenchen, J., Mikkelson, K., Menge, P.R., Cuneo, M.E., Bennett, L.F., Law, K. SABRE modification to a higher voltage high impedance inductive voltage adder (IVA) 120048
Mazare, G. *see* Aktouf, C. 106192
Mazataud, E. *see* Blanchot, N. 85428
Maze-Merceur, G. *see* LeFrancois, S. 110343
Mazets, I.E., Matisov, B.G., Snegirev, A.Yu. Self-focusing of laser radiation in the subthreshold regime of coherent population trapping 107565
Mazharsolook, E., Taylor, M., Robinson, D.C. Practical application of statistical process control with the use of decision trees 82280
Mazharsolook, E. *see* Antony, J. 60588
Maziar, C.M. *see* Hasnat, K. 94956
Mazilu, D. *see* Mihalache, D. 85718
Mazokhin, V.N. *see* Gelvich, E.A. 70204
Mazon, A.J., Minambres, J.F., Zorrozua, M.A., Zamora, I., Alvarez-Isasi, R. New method of fault location on double-circuit two-terminal transmission lines 71011
Mazon, A.J. *see* Minambres, J.F. 121143
Mazon, R. *see* Calvet, M.C. 111048
Mazoyer, B., Crivello, F. Improved functional brain mapping using three dimensional imaging 80316
Mazue, B. *see* Mathey, P. 98081
Mazuelas, A. *see* Bertru, N. 114758
Mazuelas, A. *see* Noerenberg, H. 61226
Mazumdar, M. Computation of power generation system production costs 71026

Mazumdar, M., Dhar, S., Das, U. Luminescence and deep-level characteristics of GaAs/Si with atomic layer epitaxy grown predeposition layers 74148
Mazumdar, M. *see* Das, U. 72804
Mazumdar, M. *see* Paul, S. 103998
Mazumdar, M. *see* Rajgopal, J. 113022
Mazumdar, N. *see* Kapoor, A. 71021
Mazumdar, R.R. *see* Guillemin, F.M. 113081
Mazumdar, R.R. *see* Sanchez, P.I. 87314
Mazumdar, R.R. *see* Theberge, F. 108787
Mazumdar, S., Lazar, A.A. Objective-driven monitoring for broadband networks 77892
Mazumder, F. *see* Kulkarni, S. 99126
Mazumder, J. Non-equilibrium synthesis by laser for tailored surfaces 116794
Mazumder, J. *see* Egland, K.M. 104104
Mazumder, J. *see* Kar, A. 116795
Mazumder, M.K., Katayama, T., Kobayashi, K., Mashiko, Y., Koyama, H., Yasuoka, A. Effects of the oxidation process on the electrical characteristics of oxidized nitride films 94620
Mazumder, P., Majumdar, A. Selection and design considerations for AC crane duty motors 122116
Mazumder, P. *see* Chan, H.L. 98987
Mazumder, P. *see* Chan, H.L.E. 113910
Mazumder, S. *see* Paul, A.K. 122113
Mazur, D. *see* Ivancic, P.C. 70246
Mazur, G.B. *see* Gole, A.M. 91113
Mazur, G.B. *see* Gole, A.M. 91114
Mazur, G.B. *see* Wachal, R.W. 81019
Mazur, J., Tabun, E. Nonreciprocal ferrite coupled finline components 62181
Mazur, L.I. *see* Mazur, M.M. 119917
Mazur, M.M., Shorin, V.N., Abramov, A.Yu., Magometov, Z.A., Mazur, L.I. Spectrometer with double acousto-optical monochromator 119917
Mazur, P.O. *see* Harding, D.J. 89795
Mazur, P.O. *see* Harding, D.J. 89796
Mazur, R. *see* Sybille, G. 91089
Mazur, R.W. *see* Jacobson, D.A.N. 121103
Mazurczyk, V.J. Multi dB reductions of cavity noise in an amplified digital system 78808
Mazurenko, Yu.T. Multiplexing of volume holograms with minimum crosstalk 116756
Mazurenko, Yu.T., Putilin, S.E., Bogdanov, V.L., Lukomskij, G.V., Smirnov, M.V., Cherkasov, Yu.A. Spectral holography of pico- and nanosecond optical pulses 76297
Mazurkiewicz, J. The basics of motion control. II 71734
Mazurkiewicz, M. Measurements in ISDN networks 98792
Mazurkiewicz, M. The model error for AR and ARMA processes 103587
Mazurkiewicz, M. The little bootstrap method for autoregressive model selection 103607
Mazurov, O.V. Reed-Solomon code decoding for vectors in data storage systems 64626
Maz'Ya, V., Schmidt, G. On approximate approximations using Gaussian kernels 60948
Mazza, F. *see* Pozzo, A. 94166
Mazza, G. *see* Bertocchi, A. 110038
Mazza, L. *see* Bertetto, A.M. 104224
Mazza, R. *see* Alvsvaag, S.J. 90124
Mazzali, C., Fragnito, H.L., Palange, E., Dini, D.C. Fast method for obtaining erbium-doped fibre intrinsic parameters 64656
Mazzanti, G. *see* Cavallini, A. 121078
Mazzanti, G. *see* Cavallini, A. 121831
Mazzanti, P. *see* Baldanza, C. 69857
Mazzanti, P. *see* Baldanza, C. 100919
Mazzaro, I. *see* Mattoso, N. 63130
Mazzei, F. *see* Calicchia, A. 110684
Mazzella, A. *see* Bishop, G. 79029
Mazzenga, F. *see* Barbaliscia, F. 65839
Mazzenga, F. *see* Di Zenobio, D. 113763
Mazzer, M. *see* Bames, J. 74367
Mazzer, M. *see* Nasi, L. 72865
Mazzetti, A. Programming or learning [the ZISC chip] 83283
Mazzetti, C. *see* Rachidi, F. 102195
Mazzetti, C. *see* Rachidi, F. 121225
Mazzetti, P. *see* Carbone, A. 94342
Mazzetti, P. *see* Giuli, D. 70497
Mazzetti, P. *see* Nativi, S. 120803
Mazzinghi, P. *see* Svanberg, S. 101579
Mazzini, G. Equal BER with successive interference cancellation DS-CDMA systems on AWGN and Ricean channels 88360
Mazzini, G., Tralli, V. Effects of spreading code on the performance of CDMA picocellular systems with RAKE receivers 68240
Mazzini, G., Tralli, V. Performance evaluation methods for DS-CDMA systems with RAKE receivers 88209
Mazzola, E. *see* D'Ambrosio, A. 119118
Mazzola, M.S. *see* Saddow, S.E. 104048
Mazzoldi, A. *see* Della Santa, A. 101402
Mazzoldi, A. *see* Della Santa, A. 113556
Mazzoldi, A. *see* Della Santa, A. 120474
Mazzoldi, P., Arnold, G.W., Battaglin, G., Gonella, F., Haglund, R.F., Jr. Metal nanocluster formation by ion implantation in silicate glasses: nonlinear optical applications 85678
Mazzoldi, P. *see* De Marchi, G. 75387
Mazzoni, M.A. *see* Di Capua, E. 110598
Mazzorin, G. *see* Gatti, E. 121764
Mazzotti, A. *see* Cocchini, F. 69223
Mazzuchi, T.A. *see* Rene van Dorp, J. 112864
Mazzullo, T. A design methodology and design automation environment for the design for manufacturability (DFM) [PCB design] 93998
Mbamalu, G.A.N., El-Hawary, M.E., El-Hawary, F. A comparison of probabilistic power flow with deterministic based solutions 101685
Mbamalu, G.A.N. *see* Mostafa, M.A. 111466
Mbaye, A., Grigorescu, F., Lebey, T., Bui Ai Existence of partial discharges in low-voltage induction machines supplied by PWM drives 121467
Mbwana, M.A., Gubanski, S.M., Kvarngren, M. AC testing of composite insulators 102219
Meaburn, A., Hughes, F.M. A simple predictive controller for use on large scale arrays of parabolic trough collectors 111843
Mead, C. *see* Minch, B.A. 106233
Mead, C.A. *see* Minch, B.A. 62067
Mead, J. *see* Shea, T.J. 100565
Meade, D.B. *see* Lichtenberg, B. 97031
Meade, N. *see* Islam, T. 87616
Meade, R.C., Ellis, G. Electric heating–the renaissance 103167
Meade, S.A., Railton, C.J. Efficient extraction of S-parameters from the spectral domain method for passive planar microwave circuits 62224
Meador, J. *see* Sturtevant, J. 105821
Meador, J.D. *see* Pavelchek, E.K. 105817
Meadors, K. *see* Cherry, S.R. 90348
Meadors, K. *see* Cherry, S.R. 101340
Meadows, B. *see* Abe, K. 69708
Meadows, B. *see* Abe, K. 69726
Meadows, C. Language generation and verification in the NRL protocol analyzer 86100
Meadows, J. *see* Tuttle, G.T. 75262
Meadows, M. *see* Banas, D. 89239
Meadows, R.G. Cable television and telephony growth and distribution in the UK 68898
Meagher, B. *see* Schubert, R. 68002
Meaney, P.M., Paulsen, K.D., Hartov, A., Crane, R.K. Microwave imaging for tissue assessment: initial evaluation in multitarget tissue-equivalent phantoms 101295
Means, D.P., Sanders, T.J. Statistical IC process and product simulation using STADIUM 63896
Means, D.P. *see* Cofer, R.H. 103399
Means, D.P. *see* Sanders, T.J. 106163
Means, D.P. *see* Shahsavari, M.M. 63898
Mearini, G.T. *see* Lamouri, A. 74034
Mearini, G.T. *see* Lamouri, A. 83704
Mears, D.J. *see* Sheppard, N.F., Jr. 110237
Mears, R.J. *see* Parker, M.C. 68361
Mears, R.J. *see* Parker, M.C. 88606
Meassick, S., Champaign, H. The effects of fill gases on the failure rate of gated silicon field emitter arrays 74017
Meassick, S., Champaign, H. Influence of fill gases on the failure rate of gated silicon field emitter arrays 83730
Measures, R.M. *see* Coroy, T. 110182
Measures, R.M. *see* LeBlanc, M. 110192
Meaudre, M. *see* Vignoli, S. 94401
Meaudre, R. *see* Vignoli, S. 94401
Mecchia, A. *see* Crippa, C. 109505
Mecea, V.M., Carlsson, J.O., Bucur, R.V. Extensions of the quartz-crystal-microbalance technique 89524
Mechahougui, S., Ramenah, H., Harthong, J., Meyrueis, P. Angular multiplexing gratings characterization in dichromated gelatin and thoughts on diffractive optical memory 75421
Mechels, S.E., Franzen, D.L. Accurate measurements of zero-dispersion wavelength in single-mode fibers 64685
Mechels, S.E., Schlager, J.B., Franzen, D.L. Accurate zero-dispersion wavelength measurements in single-mode fibers: two frequency-domain methods 64661
Mechels, S.E. *see* Schlager, I.B. 85015
Mechin, L., Villegier, J.-C., Bloyet, D. Suspended YBaCuO microstructures on CeO_2/YSZ membranes for sensitive bolometers 100014
Mechold, L. *see* Moenke, D. 113495
Mechoso, C.R. *see* Bergman, L.A. 109585
Meckbach, R. *see* Fehrenbacher, G. 69842
Mecklenbrauker, C.F. *see* Sidorovich, D.V. 120703
Mecklenburg, B. *see* Haimson, J. 89677
Mecklenburg, B. *see* Houck, T.L. 100474
Mecocci, A. *see* Canegalli, A. 119075
Mecocci, A. *see* Franchi, G. 117883
Mecozzi, A., D'Ottavi, A., Martelli, F., Scotti, S., Spano, P., Dall'Ara, R., Eckner, J., Guekos, G. Highly non-degenerate four-wave mixing in semiconductor laser amplifiers 96679
Mecozzi, A., Mork, J., Hofmann, M. Transient four-wave mixing with a collinear pump and probe 96651
Mecozzi, A. *see* Hofmann, M. 75913
Mecozzi, A. *see* Hofmann, M. 107322
Mecozzi, A. *see* Mork, J. 95756
Mecozzi, A. *see* Scotti, S. 85704
Mecrow, B.C., Clothier, A.C., Barrass, P.G. High performance switched reluctance drives using novel windings 91875
Mecrow, B.C. *see* Jack, A.G. 101472
Mecrow, B.C. *see* Trattles, J.T. 63425
Meczynska, H. *see* Firszt, F. 74185
Meda, L. *see* Cerofolini, G.F. 63277
Meda, L. *see* Mutti, P. 94262
Meda, R. *see* Botti, O. 91696
Medard, M., Gallager, R.G. The effect of channel variations upon capacity 117114
Medarde, M. *see* Schefer, J. 69680
Medaule, D., Arita, Y., Yu, Y. Latest technology improvements of Mitsubishi IGBT modules 84380
Medbo, J. *see* Adam, W. 69709
Medbo, J. *see* Adam, W. 69732
Meddahi, M. *see* Alexahia, Y. 79968
Meddahi, M. *see* Brunner, O. 79953
Meddahi, S., Valdes, J., Menendez, O., Perez, P. On the coupling of boundary integral and mixed finite element methods 72714
Meddeb, A. *see* Guillemin, F. 108778
Meddens, B.J.H., Delmee, P.F.M., van Amersfoort, P.W. High-voltage switching by means of a stack of thyristors 71520
Meddi, F. *see* Antinori, F. 120156
Medecki, H., Tejnil, E., Goldberg, K.A., Bokor, J. Phase-shifting point diffraction interferometer 119923
Medeghri-Rachedi, N. *see* Benzohra, M. 74488
Medeiro, F. *see* de la Rosa, J.M. 113811
Medeiro, F. *see* de la Rose, J.M. 93510
Medeiros, A.D.R. *see* Salgado, R. 101909
Medeiros, D.R. *see* Sinta, R. 105777
Medeiros, M.R., Carpenter, R.N. High resolution array signal processing for AUVs 88742
Medeiros Neto, A. *see* de Araujo, M.T. 65096
Medeiros Neto, J.A. *see* de Paiva, J.A.C. 74287
Medeiros-Ribeiro, G. *see* Petroff, P.M. 105353
Medelci, N. *see* Vilela, M.F. 103957
Meden, A. *see* Zupan, K. 75077
Medennikov, P.A. Image-element merging-splitting algorithm that combines the contour-segmentation and region-construction technique 117624
Medgyesi-Mitschang, L.N., Putnam, J.M., Wang, D.-S. New hybrid methods for antenna analysis: applications of advanced computing 65982
Medhat, S.S. *see* Veness, P.J. 72207
Medhi, D., Sukiman, I. Admission control and dynamic routing schemes for wide-area broadband networks: their interaction and network performance 108879
Medhi, D. *see* Reece, C.S. 108826
Medhi, D. *see* Yi Qian 87866
Medianu, R.V. *see* Timus, C.A. 76322
Medic, I. *see* Taskov, M.P. 61524
Medicine Bear, R.N. *see* Hager, G.E. 70880
Medin, G. *see* Brajnik, D. 101577
Medina, A., Ferreira, L., Tadros, S., Sizensky, J., Fregeolle, M., Blakeney, A., Toukhy, M. A novel class of highly selective divanillin-based PACs 105795
Medina, A. *see* Hernandez, A.C. 81329
Medina, A.N., Knobel, M., Salem-Sugui, S., Gandra, F.G. Resonant microwave cavity response of amorphous ribbons 64308
Medina, A.V. *see* Fortet, P. 112804
Medina, D. *see* Barbagallo, S. 104467
Medina, J. How a consultant's network benefits its members 60409
Medina, J. The future of the "Alliance of IEEE Consultants Networks" 60410
Medina, J.A., Sexton, D.L., Schwartz, D.T. The uniform injection cell: Performance and scale-up criteria for single wafer processing 61313
Medina, M.C., Balanis, C.A., Jian Peng, Tirkas, P.A. Analysis of the finite element radiation model code for antenna modeling 97319
Medina, N.H. In-beam γ-ray spectroscopy with GASP 110633
Medina, R. Asymptotic properties of solutions of nonlinear difference equations 72646
Meding, U.B. *see* Murray, M. 82871
Medioni, F., Durand, N., Alliot, J.-M. Air traffic conflict resolution by genetic algorithms 70421
Medioni, G. *see* Francois, A.R.J. 117688
Medioni, G. *see* Havaldar, P. 86394
Medioni, G. *see* Nevatia, R. 67472
Meditch, J.S. *see* Chengwei Gao 86713
Meditch, J.S. *see* Todd, H.V. 87867
Medland, A.J., Mullineux, G., Rentoul, A.H. A strategy for the verification of tolerances by coordinate measuring machines 92280
Medley, J.C. *see* Ridler, N.M. 89462
Medley, M., Saulnier, G.J., Das, P. Adaptive subband filtering of narrowband interference 86256
Medley, M.D. *see* Hartley, S. 103338
Medley, M.J. *see* Lindsey, A.R. 98354
Mednansky, M. *see* Kvasnica, P. 102278
Medova, E. Using QAP bounds for the circulant TSP to design reconfigurable networks 98738
Medova, E.A. Application of linear programming software tools to ATM/SDH traffic management 77577
Medovikov, V.A. *see* Antipov, Yu.M. 69794
Medrano, C., Zgonik, M., Bernasconi, P., Gunter, P. Phase conjugation in optical communication links with photorefractive Fe:$KNbO_3$ 85609
Meduri, K.K. *see* Sellin, P.B. 116345
Medus, J.P. *see* Palmier, J.F. 93786
Medved, D.B., Escojido, B., Azancot, Y. UWIN–universal wireless infrared network system 88523
Medved, S. *see* Belogurov, S. 100855
Medvedev, B.K. *see* Peskov, N.V. 113356
Medvedev, B.V. *see* Rabovskii, A.E. 111041
Medvedev, M.I. *see* Nikulin, A.D. 95410
Medvedev, V.A. *see* Shiyanov, A.I. 103080
Medvedeva, L.V. *see* Vlasov, D.V. 100208
Medvedkin, G.A. *see* Boiko, M.E. 94801

Medvedko, A.S. *see* Gluskin, E. 101000
Medvedko, E.A. *see* Frachon, D. 101001
Medvedko, E.A. *see* Gluskin, E. 101000
Medvedkov, A. *see* Martellotti, G. 80122
Medvedkov, A.M. *see* Golovkin, S.V. 80125
Medvid, A., Frishfelds, V. Fast kinetics of photoconductivity of a semiconductor with the transverse gradient of the electric field 116212
Medvid, A., Kaupuzs, J. Formation of buried layers by laser radiation 84098
Medvid', A., Madzhulis, I., Kaupuzs, J., Blums, J. Buried layer formation in silicon by laser radiation 84093
Medynsky, A.O., Sherebrin, M.H., Rankin, R.N., Holdsworth, D.W., Roach, M.R. An in vitro time study of distensibility in porcine aortas using high resolution X-ray CT 70080
Mee, C.D. *see* Chiu, A. 106599
Mee-Seub Lim *see* Eung-Seok Kim 81932
Meehan, J.P. *see* Braun, J.M. 121210
Meehan, T.K. *see* Kursinski, E.R. 70484
Meei Pyng Ng, Wormald, N.C. Reconstruction of rooted trees from subtrees 103616
Meejeong Lee Characterizing the IBP+BP/D/1 queue departure process by a 2-state Markov modulated Bernoulli process 113076
Meek, A.G. *see* Jia-Zhu Wang 80451
Meek, C.E. *see* Bremer, J. 101557
Meek, C.E. *see* Khattatov, B.V. 120783
Meek, C.E. *see* Qiming Zhan 90812
Meeker, D.C., Maslen, E.H., Noh, M.D. An augmented circuit model for magnetic bearings including eddy currents, fringing, and leakage 85815
Meeker, W.Q. *see* Olin, B.D. 82810
Meeker, W.Q. *see* Olin, B.D. 82810
Meekhof, D.M. *see* Monroe, C. 95896
Meeks, E., Larson, R.S., Shon, J.W., Vosen, S.R. Chemistry modeling in downstream etch systems from the plasma source to the etch chamber 63407
Meeks, S.W. *see* Run-Han Wang 115761
Meempat, G. *see* Krishnan, K.R. 108920
Meen, J. *see* Meng, R.L. 75302
Meen, T.H., Yang, H.D., Huang, W.J., Chen, Y.C., Lee, W.H., Shieh, J.H., Ku, H.C. Ionic-size effect on the structure and T_c of T'-$(R_{1-x}R'_x)_{1.85}Ce_{0.15}CuO_4$ (R=Pr, Nd, Sm and Eu; R′=Gd and Y) 75314
Meen Jung Hyun *see* Hyun Meen Jung
Meena, P. *see* Suguna, P. 94636
Meena, P. *see* Suguna, P. 105522
Meena, R. *see* Gangotri, K.M. 91747
Meer, A.F.G.van de *see* van de Meer, A.F.G.
Meer, A.F.G.Van Der *see* Van Der Meer, A.F.G.
Meer, F.van der *see* van der Meer, F.
Meer, J.de *see* de Meer, J.
Meer, P. *see* Cabrera, J. 97887
Meer, P.J.van der *see* van der Meer, P.J.
Meer, R. 100 years of Indian entertainment technology from Lumiere brothers to virtual reality 119411
Meera, K.S. *see* Aradhya, R.S. 111440
Meerbeke, B.Van *see* Van Meerbeke, B.
Meerbeke, W.Van *see* Van Meerbeke, W.
Meerbergen, K., Roose, D. Matrix transformations for computing rightmost eigenvalues of large sparse non-symmetric eigenvalue problems 82533
Meerbreke, W.Van *see* Van Meerbreke, W.
Meerendonk, H.van den *see* van den Meerendonk, H.
Meerholz, K. *see* Peyghambarian, N. 106743
Meerholz, K. *see* Sandalphon 69540
Meerholz, K. *see* Sandalphon 116705
Meerleer, P.De *see* De Meerleer, P.
Mees, J. *see* van de Stadt, H. 79097
Meese, T.S. *see* Georgeson, M.A. 108529
Meese-Markscheffel, J.A. *see* Olbrich, A. 112229
Meese-Markscheffel, J.A. *see* Olbrich, A. 112230
Meetre, C.A. *see* Kaiser, M.L. 97129
Meeuwissen, H.B., Schalkwijk, J.P.M., Bloemen, A.H.A. An extension of the achievable rate region of Schalkwijk's 1983 coding strategy for the binary multiplying channel 66463
Meffert, H. *see* Frey, U. 95441
Mega, M. *see* Yang, J. 101320
Megahed, I.Y. *see* Ghrist, J.T. 121104
Megahed, M., El-Ghazaly, S., Fathy, A. Analysis of HTS filters using novel nonlinear phenomenological two fluid model 93800
Megahed, M.A., El-Ghazaly, S.M. High power microwave nonlinear performance of high-temperature superconductor filters 114202
Megahed, S. *see* Fouchard, D. 81690
Megahed, S. *see* Like Xie 112299
Megahed, S. *see* Xie, L. 81680
Megahed, S., Barnett, B.M., Xie, L. *(editors)* Proceedings of the Symposium on Rechargeable Lithium and Lithium-Ion Batteries 72091
Megalemos, C. *see* Batarseh, I. 61595
Meganck, P. *see* Semet, C. 119338
Meger, A.D. *see* Benson, D.F. 94076
Meger, R.A. *see* Hurley, J.D. 65742
Meger, R.A. *see* Mathew, J. 97343
Meger, R.A. *see* Mathew, J. 109777
Meger, R.A. *see* Murphy, D.P. 120044
Meger, R.A. *see* Myers, M.C. 69670
Meggitt, B.T. *see* Hu, Y.L. 79516
Meggitt, B.T. *see* Marshall, R.H. 79485
Meggitt, B.T. *see* Zhiyi Zhang 100060
Meggs, C. *see* Button, T.W. 95394
Meggs, N. *see* Smith, P.A. 62163
Meghdadi, F., Leising, G., Fischer, W., Stelzer, F. Multicolour electroluminescence diodes using oligophenylene and oligophenylenevinylene multilayers 75768
Meghriche, S., Boulemden, M., Kouhil, M.F. A method for the automated interpretation of the EMG signals 120465
Megret, P., Vandroogenbroek, M., Froidure, J.-C., Moeyaert, V., Lamquin, M., Blondel, M. Bit-error-rate computation in optical fibre links by Gram-Charlier series expansion 78829
Megret, P. *see* Deparis, O. 85023
Megret, P. *see* Deparis, O. 106813
Megret, P. *see* Froidure, J.-C. 68909
Megret, P. *see* Froidure, J.-C. 78834
Megson, G.M. *see* Bland, I.M. 73200
Meguro, M., Taguchi, A. Adaptive weighted median filters by using fuzzy techniques 114103
Meguro, M., Taguchi, A., Murata, Y. An adaptive order statistics filter based on fuzzy rules for image processing 67053
Meguro, S. *see* Chibe, H. 102601
Meguro, T., Aoyagi, Y. Laser atomic layer epitaxy 113342
Meguro, T., Odagawa, H., Yamanouchi, K. GHz-range low-loss wide band filters using new electrode thickness difference type of unidirectional transducers 104666
Meguro, T. *see* Lee, J.-S. 61180
Meguro, T. *see* Odagawa, H. 84741
Meguro, T. *see* Yamanouchi, K. 84748
Meguro, Y. *see* Abe, N. 77978
Megy, R. *see* Groot Koerkamp, M. 75172
Mehaoua, A. *see* Boutaba, R. 98740
Mehdi, A. *see* Petry, B. 121393
Mehdi, H., Feher, F. FQPSK, a modulation that outperforms pi/4-DQPSK in both radiation effects and battery power while maintaining equal capacity 78429
Mehdi, H., Feher, K. FBPSK, power and spectrally efficient nonlinearly amplified (NLA) compatible BPSK modems for wireless LAN 97418
Mehdi, I., Lee, T.H., Humphrey, D.A., Martin, S.C., Dengler, R.J., Oswald, J.E., Pease, A., Smith, R.P., Siegel, P.H. 600 GHz planar-Schottky-diode subharmonic waveguide mixers 83368
Mehdi, I. *see* Lee, T.-H. 83369
Mehdi, K.A., Kontoleon, J.M. A rapid SMART approach for reliability and failure mode analysis of memories and large systems 92340
Mehdi, N., Yu, X., Wu, D., Jojic, N., Baker, B., Gosavi, P., Seyd, A., Bodak, S., Umetani, K., He, B. Body surface Laplacian mapping from potential recordings in man 70154
Mehendale, M., Sherlekar, S.D., Venkatesh, G. Low power realization of FIR filters using multirate architectures 93603
Meher, P.K. *see* Nayak, S.S. 113999
Mehes, A., Zeger, K. Affine index assignments for binary lattice quantization with channel noise 66437
Mehl, E.L.M., Barbi, I. Design oriented analysis of a high power factor and low cost three-phase rectifier 121581
Mehlhom, T.A. *see* Derzon, M.S. 69645
Mehlhorn, T.A., Bailey, I.E., Coats, R.S., Cuneo, M.E., Desjarlais, M.P., Filuk, A.B., Haill, T.A., Johnson, D.J., Lockner, T.R., Menge, P.R., Moore, W.B., Pointon, T.D., Poukey, J.W., Quintenz, J.P., Rosenthal, S.E., Rulz, C.L., Slutz, S.A., Stygar, W.A., Wenger, D.F. Advances in ion beam intensity at Sandia National Laboratories 69637
Mehlhorn, T.A. *see* Bailey, J.E. 69615
Mehlhorn, T.A. *see* Johnson, D.J. 69636
Mehlhorn, T.A. *see* Menge, P.R. 120122
Mehlib, G. *see* Bauch, L. 105799
Mehlkopf, T. *see* Claasen-Vujcic, T. 101224
Mehmetli, B. *see* Sato, S. 85783
Mehmetli, B.A., Takahashi, K., Sato, S. Direct measurement of reflectance from aluminum alloys during CO_2 laser welding 89535
Mehnert, R. Review of industrial applications of electron accelerators 100759
Mehr, I., Sculley, T.L. A multilayer neural network structure for analog filtering 93570
Mehr, J. *see* Haugsjaa, P. 72296
Mehr, J. *see* Yap, D. 85344
Mehr, L. *see* Tuttle, G.T. 75262
Mehr, M.Z. *see* Ghoranneviss, M. 113433
Mehr, T. *see* Achterberg, N. 62653
Mehra, A., Indiresan, A., Shin, K.G. Resource management for real-time communication: making theory meet practice 87598
Mehra, R., Guerra, L., Rabney, J. Exploiting locality for low-power design 113663
Mehra, R. *see* Landman, P. 62046
Mehra, R.M., Pundir, A., Kapoor, A., Mathur, P.C. Suitability of Ge-As-Te system for optical data storage 84943
Mehra, R.M. *see* Mathur, P.C. 105130
Mehregany, M. *see* Fleischman, A.J. 74939
Mehregany, M. *see* Fleischman, A.J. 104037
Mehregany, M. *see* Furukawa, S. 63451
Mehregany, M. *see* Furukawa, S. 64020
Mehregany, M. *see* Jacob, C. 104050
Mehregany, M. *see* Klemic, J.F. 75666
Mehregany, M. *see* Miyajima, H. 63990
Mehregany, M. *see* Mourlas, N.J. 81496
Mehregany, M. *see* Pan, T. 106284
Mehregany, M. *see* Roy, S. 73842
Mehregany, M. *see* Singh, A. 74966
Mehregany, M. *see* Smith, S.W. 95778
Mehrez, H. *see* Houelle, A. 93047
Mehrez, M.Ben *see* Ben Mehrez, M.
Mehrhoff, M. *see* Kubsky, S. 100756
Mehrholz, D. A tracking and imaging radar system form space object reconnaissance 109732
Mehri, F. *see* Delabie, C. 62182
Mehri, F. *see* Lepercq, P. 95488
Mehrl, D.J. *see* Storrs, M. 95937
Mehrmann, V. *see* Kunkel, P. 61020
Mehrotra, M., Baliga, B.J. The dual-gate MOS controlled thyristor with current saturation capability 105939
Mehrotra, P., Quaicoe, J.E., Venkatesan, R. Development of an artificial neural network based induction motor speed estimator 121472
Mehrotra, R. Chaos and dynamics of vortices in Josephson junction arrays 95471
Mehrotra, R. *see* Datta, S. 84888
Mehrotra, R. *see* Gurunarayanan, S. 106212
Mehrpour, H. *see* Jian Feng 86715
Mehrpour, H. *see* Tat-Ming Au 77651
Mehrshahi, E. *see* Baskeshli, K. 107860
Mehrvarz, H.R., Chee Yee Kwok A novel multi-input floating-gate MOS four-quadrant analog multiplier 93623
Mehta, A. *see* Billus, G. 61940
Mehta, B.R. *see* Dilawar, N. 82755
Mehta, B.R. *see* Kapil, R. 61300
Mehta, B.R. *see* Panwar, O.S. 106755
Mehta, B.R. *see* Sah, S. 103437
Mehta, D.P., Sherwani, N. A minimum-area floorplanning algorithm for MBC designs 93023
Mehta, D.P. *see* Lopez, M.A. 95122
Mehta, G.K. *see* Sharda, T. 61391
Mehta, H., Owens, R.M., Irwin, M.J. Energy characterization based on clustering 83101
Mehta, H., Owens, R.M., Irwin, M.J. Some issues in gray code addressing 93208
Mehta, H. *see* Boardman, A.D. 64488
Mehta, H. *see* Sundaram, A. 70884
Mehta, M., Parameswaran, M., Payandeh, S. Design of a micromachined pressure sensor for endoscopic graspers 90558
Mehta, M. *see* Goia, D. 93960
Mehta, P. *see* Abdelhamid, T.H. 112068
Mehta, P. *see* Daniolos, D. 102829
Mehta, P.A. *see* Schofield, A.J. 86360
Mehta, P.C., Raina, H.S. Automated radiated emission measurement from 18-40 GHz 76455
Mehta, P.C. *see* Raina, H.S. 79240
Mehta, S. *see* Gronowski, P.E. 73468
Mehta, S.I., Gronhovd, S.M. Instrumentation and communication modules on CD-ROMs for enriching engineering education 112752
Mehta, S.K., Srinivasan, T., Dhaul, A., Aggarwal, V., Jain, R.K. Growth and characterization of SQW SCH laser for emission at 808 nm 107340
Mehta, S.K. *see* Dobal, P.S. 116481
Mehta, S.K. *see* Dobal, P.S. 116485
Mehta, S.S., Saxena, S.C., Verma, H.K. Recognition of P and T waves in electrocardiograms using fuzzy theory 120424
Mehtre, B. *see* Lam, C.P. 87056
Mehuys, D.C. *see* Sanders, S. 65110
Mehuys, D.G. *see* Balakrishnan, A. 96647
Mehuys, D.G. *see* Lang, R.J. 75995
Mehuys, D.G. *see* Sanders, S. 65502
Mei, A. *see* Hamada, Y. 67737
Mei, A. *see* Hamada, Y. 78105
Mei, B.Z., Scheinbeim, J.I., Newman, B.A. Ferroelectric polarization mechanism of the odd-numbered nylons 106342
Mei, G.L. *see* Concannon, A. 61873
Mei, P., Boyce, J.B., Fork, D.K., Hack, M., Lujan, R., Ready, S.E. Poly-Si peripheral circuits and contact properties of laser processed poly-Si thin film transistors 94961
Mei, P. *see* Efland, T. 105999
Mei, Q. *see* Harris, S.J. 90554
Mei, Q. *see* Polla, D.L. 69178
Mei, R.D.Van der *see* Van der Mei, R.D.
Mei, X.B., Bi, W.G., Tu, C.W., Chou, L.J., Hsieh, K.C. Quantum confined Stark effect near 1.5 μm wavelength in $InAs_{0.53}P_{0.47}/Ga_yIn_{1-y}P$ strain-balanced quantum wells 83964
Mei, X.B. *see* Bi, W.G. 103927
Mei, Y.H., Liu, S. An investigation to popcorning mechanisms for IC plastic packages: Defect initiation 112967
Mei, Y.H. *see* Liu, S. 112969
Mei, Y.J. *see* Chang, T.C. 61190
Mei, Z. *see* Ashwin, P. 72665
Mei B Yu-Jane *see* Yu-Jane Mei B
Mei Bin *see* Gaidis, M.C. 93773
Mei Jin, Balachandran, B. Structural intensity calculations for active control of plate vibrations 115454
Mei Li Xue *see* Xue Mei Li
Mei Liang-Mo *see* Wang Xiang-Tai 72871
Mei Lin *see* Lin Mei
Mei Linfeng *see* Linfeng Mei
Mei Liu *see* Liu Mei
Mei Ping *see* Ping Mei
Mei Shong Kuo *see* Ching Chuan Kuo 71382
Mei Tiemin *see* Tang Renyuan 71283
Mei Yanbiao *see* Wang Weixiang 92932
Mei Yu Ning *see* Ning Mei Yu
Mei Yu Xiao *see* Xiao Mei Yu

Mei Yu-Jane *see* Yu-Jane Mei
Mei Zequn *see* Zequn Mei
Mei Zheng *see* Zheng Mei
Mei Zu-Yan Protecting hydro turbines in silt-laden rivers 121390
Mei-Juan Chen *see* Yeong-Kang Lai 104582
Mei-Ling Yee *see* Shui-Jinn Wang 94893
Mei-Mei Chiou *see* Min-Hsuan Chen 77873
Mei-Ying Kong *see* Jin-Min Li 69147
Meibody-Tabar, F. *see* Afsharnia, S. 91493
Meibody-Tabar, F. *see* Rabih, A. 102743
Meichenin, D. *see* Sigogne, D. 88601
Meichsner, J. *see* Zeuner, M. 100787
Meidan, R. Satellite-based personal communications networks 119068
Meidinger, N., Strueder, L., Holl, P., Soltau, H., Zanthier, C. v. Analysis of trapping effects on charge transfer in proton irradiated pn-CCDs 106053
Meidinger, N. *see* Brauninger, H. 90702
Meidinger, N. *see* Soltau, H. 110553
Meier, A. *see* Wollschlager, J. 61250
Meier, C. Photovoltaic power statistics 1995: power statistics and balance sheet of photovoltaic mains-connected plants [in Switzerland] 91391
Meier, D. *see* Luscombe, A.P. 120733
Meier, D.J. *see* Talisa, S.H. 93774
Meier, D.L. *see* Doshi, P. 103000
Meier, D.L. *see* Talisa, S.H. 84929
Meier, H. *see* Patrick, W. 63765
Meier, H.-P. *see* Schefer, M. 62313
Meier, H.-P. *see* Schefer, M. 83494
Meier, H.P., Harder, C., Oosenbrug, A. A belief has changed: highly reliable 980-nm pump lasers for EDFA applications 76013
Meier, J. *see* Goerlitzer, M. 116206
Meier, J. *see* Torres, P. 105094
Meier, J.E., Heinlein, W.E. Measurement of the polarisation dependence of the nonlinear-refraction coefficient n_2^I of a low-birefringent fibre 64688
Meier, K., Burkhardt, M., Schmid, T., Kuster, N. Broadband calibration of E-field probes in lossy media [mobile telephone safety application] 120546
Meier, K. *see* Ban, J. 69810
Meier, K. *see* Hombach, V. 120539
Meier, K. *see* Keller, M. 100969
Meier, M., Buchwald, E., Karg, S., Poesch, P., Greczmiel, M., Strohriegl, P., Riess, W. Heterolayer light-emitting diodes based on new oxadiazole polymers 75754
Meier, M. *see* Reisinger, T. 72774
Meier, P.C.H., Rutenbar, R.A., Carley, L.R. Exploring multiplier architecture and layout for low power 113867
Meier, R. *see* Bunce, G. 100643
Meier, R. *see* Smith, G.R. 120229
Meier, S. *see* Bethge, F. 92405
Meier, S. *see* Haas, M. 109868
Meier, T. *see* Bott, K. 62940
Meier, T. *see* Feldmann, J. 62864
Meier, U. *see* Kaatz, P.G. 85649
Meier, U. *see* Pretre, P. 75596
Meier, W., Maslanik, J., Key, J., Fowler, C. Retrieval of Arctic surface conditions and cloud properties from AVHRR data: a time series for the Beaufort Sea 111251
Meier, W. *see* Knudsen, L.R. 97503
Meier, W. *see* Scherber, F. 74788
Meieran, E.S. Reducing the cost of semiconductor chip manufacturing 115286
Meifang Gao *see* Yao Li 95172
Meifang Zhu *see* Zhu Meifang
Meigooni, A.S., Yimin Zhu, Williamson, J.F., Myerson, R.J., Teague, S., Loffler, E., Nussbaum, G.H., Klein, E.E., Kodner, I.J. Design and dosimetric characteristics of a high dose rate remotely afterloaded endocavitary applicator system 80456
Meigs, G. *see* Randall, K.J. 89635
Meigs, M.J., Alton, G.D., Auble, R.L., Dinehart, M.R., Dowling, D.T., Haynes, D.L., Jones, C.M., Juras, R.C., Lane, S.N., Lecroy, C.T., Mills, G.D., Mosko, S.W., Murray, S.N., Olsen, D.K., Tatum, B.A., Wollnik, H. Status report on the Holifield Radioactive Ion Beam Project 79886
Meigs, M.J., Haynes, D.L., Jones, C.M., Juras, R.C. New resistor voltage grading system at the Oak Ridge National Laboratory 25URC tandem accelerator; installation and first experience 79781
Meigs, M.J., Haynes, D.L., Jones, C.M., LeCroy, C.T. A new beam intensity monitoring system with wide dynamic range for the Holifield Radioactive Ion Beam Facility 100595
Meigs, M.J. *see* Dowling, D.T. 100713
Meigs, M.J. *see* Tatum, B.A. 89927
Meihua He *see* He Meihua
Meijer, C.A. Performance of single-layer dual frequency patch antennas 117036
Meijer, G.C.M. *see* de Jong, P.C. 104356
Meijer, G.C.M. *see* De Jong, P.C. 110051
Meijer, G.C.M. *see* Khadouri, S.H. 110053
Meijer, G.C.M. *see* Toth, F.N. 69058
Meijer, G.C.M. *see* Toth, F.N. 69087
Meijer, G.C.M. *see* Toth, F.N. 119604
Meijer, G.C.M. *see* Van Der Goes, F.M.L. 69059
Meijer, G.C.M. *see* Van Der Goes, F.M.L. 110071
Meijer, G.C.M. *see* van der Goes, F.M.L. 119579
Meijer, G.C.M. *see* Xiujun Li 69056
Meijer, G.C.M. *see* Xiujun Li 110140
Meijer, J. *see* Stephan, A. 100765
Meijer Drees, R. *see* Annis, P. 80121
Meijs, N.P.van der *see* van der Meijs, N.P.
Meijs, N.P.v.d. *see* v.d. Meijs, N.P.
Meijuan Chen *see* Sun, Y. 65707
Meijuan Guo Surface structure analysis and measurement of thick oxide self-aligned silicon avalanche electron emission device 83750
Meijvogel, K., Bos, A.J.J., Hutt, G., Jaek, I. CaS:Bi,Zn: a promising new TL material for high LET dosimetry 110960
Meikle, S. *see* Ho-Shon, K. 110771
Meikle, S.R., Eberl, S., Hooper, P.K., Fulham, M.J. Simultaneous emission and transmission scanning in PET oncology: effect on parameter estimation 90429
Meikle, S.R. *see* Fulton, R.R. 70063
Meiler, R.J., Sibata, C.H., Ho, A.K., de Souza, C., Shin, K.H. A well-type ionization chamber geometric correction factor 90654
Meilicke, S., Haile, S. Order-disorder transitions in gadolinium zirconate: a potential electrolyte material in solid oxide fuel cells 112324
Meilin Shi *see* Ruibing Hao 118096
Meilin Shi *see* Shi Meilin
Meiling, H., Schropp, R.E.I. Stability of hot-wire deposited amorphous-silicon thin-film transistors 94992
Meiling, H., Van Sark, W.G.J.H.M., Bezemer, J., Van Der Weg, W.F. Deposition-rate reduction through improper substrate-to-electrode attachment in very-high-frequency deposition of a-Si:H 113418
Meina Xu, Kuh, A. Image coding using feature map finite-state vector quantization 86474
Meinander, T. *see* Ahola, H.A. 100445
Meinard, F. *see* Martini, M. 106953
Meinardi, F. *see* Cai, G.G. 101453
Meinardi, F. *see* Martini, M. 74496
Meinardi, F. *see* Martini, M. 105517
Meinass, H.J. *see* Levy, R.P. 110882
Meincke, O. Investigation of stochastic cooling in the framework of control theory 120046
Meindl, J.D. *see* De, V.K. 73305
Meindl, P. *see* Antipov, O.L. 116683
Meineke, A. *see* Geissler, K. 62648
Meinel, H.H. The market for short-haul line-of-sight millimeterwave transmission links 88234
Meinel, H.H. Automotive applications of millimeterwaves 119306
Meiners, J.C., Elbs, H., Ritzi, A., Mlynek, J., Krausch, G. Chemically functionalized surfaces from ultrathin block-copolymer films 105747
Meinertz, T. *see* Dix, W.R. 70096
Meinertzhagen, A., Petit, C., Yard, G., Jourdain, M., El Hdiy, A. On the positive charge and interface states in metal-oxide-semiconductor capacitors 84007
Meinerzhagen, B. *see* Jungemann, C. 62687
Meinhard, H. *see* Annis, P. 80121
Meinhardt, J. *see* Danilewsky, A.N. 61153
Meinhardt, J. *see* Danilewsky, A.N. 103813
Meinhardt, N.B. *see* Kowalczyk, T.C. 75399
Meinstein, K., Callahan, M. Two small-area low-voltage signal drivers for TFT-LCD panels 89262
Meiqi Shi *see* Shi Meiqi
Meiqing Bei *see* Bei Meiqing
Meir Bar-Tal, Rotman, S.R. Performance measurement in point source target detection 66931
Meirav, I. *see* Messica, A. 105397
Meirelles, M.P. *see* Drummond, M. 91075
Meirelles, M.P. *see* Massaud, A.G. 111551
Meis-Haugen, G. *see* Baude, P.F. 65244
Meisel, J. *see* Watta, P.B. 103104
Meisel, W.S. Straight talk about speech recognition [voice user interfaces] 108220
Meisels, R., Kulac, I., Sundaram, G., Kuchar, F., McCombe, B.D., Weimann, G., Schlapp, W. Electron spin resonance in AlGaAs/GaAs in the regime of fractional filling 105249
Meisenheimer, T.L. *see* Booth, J.L. 105605
Meisheng Huang *see* Huang Meisheng
Meisingset, A. Global information infrastructure 98535
Meiskey, L. *see* Sparks, R. 66574
Meisl, P.G., Ito, M.R., Cumming, I.G. Parallel synthetic aperture radar processing on workstation networks 76946
Meisl, P.G., Ito, M.R., Cumming, I.G. Parallel processors for synthetic aperture radar imaging 99665
Meisner, D.B. New classes of groups containing Menon difference sets 92457
Meisner, M. *see* Rahn, F.J. 71054
Meissner, D. *see* Schwetje, O. 63452
Meissner, J. *see* Deis, G. 106719
Meissner, K.E., Gourley, P.L., Brennan, T.M., Hammons, B.E., McDonald, A.E. Intracavity spectroscopy in vertical cavity surface-emitting lasers for micro-optical-mechanical systems 107664
Meissner, M.C. *see* Tohme, W.G. 110808
Meister, J.-J. *see* Pythoud, F. 110658
Meister, M. *see* Lee, S. 81397
Meister, T. *see* Treitinger, L. 73798
Meister, T.F. *see* Aufinger, K. 84327
Meister, T.F. *see* Aufinger, K. 105895
Meister, T.F. *see* Bock, J. 84565
Meite Zheng *see* Zheng Meite
Meitian Wang *see* Wang Meitian
Meitzler, T., Gerhart, G., Singh, H. A relative clutter metric 87145
Meitzler, T. *see* Choe, H.C. 97668
Meitzler, T. *see* Karlsen, R.E. 87173
Meitzler, T. *see* Singh, H. 97948
Meitzler, W. *see* Heuell, P. 91239
Meiwen Zhou *see* Zhou Meiwen
Meixin Ding *see* Ding Meixin
Meixner, A.E. *see* Feggeler, J.C. 78683
Meixner, H., Lampe, U. Metal oxide sensors 119783
Meiyappan, S.S., Sridharan, S., Ososanya, E.T. Multi-lingual character recognition using artificial neural networks 108452
Meiying Kong *see* Kong Meiying
Meiyu, Y. *see* Housheng, C. 114678
Meja, P., Steiger, B., Delsanto, P.P. Thermo-elastic wave model of the photothermal and photoacoustic signal 106749
Meja, P. *see* Ristau, D. 107433
Mejdi, S. *see* Bechou, L. 93968
Mejia, C.E., Murio, D.A. Numerical solution of generalized IHCP by discrete mollification 72677
Mejia, J. *see* Doshi, P. 102981
Mejia, Y. *see* Markov, V.B. 66879
Mejia-Lavalle, M., Rodriguez-Ortiz, G. Flashover forecasting on high-voltage insulators with a backpropagation neural net 70958
Mejias, P.M. *see* Martinez, C. 106778
Mejias, P.M. *see* Piquero, G. 96590
Mejias, P.M. *see* Serna, J. 85572
Mejza, I. Control treatments in incomplete split-plot designs 92435
Mejza, S. *see* Bogacka, B. 92434
Mekada, Y., Hasegawa, J., Toriwaki, J., Nawano, S., Miyagawa, K. A linear shadow enhancement filter and its application to automated detection of cancer lesions from stomach X-ray images 70035
Mekanik, F. *see* Sloane, T.H. 71453
Mekata, T. *see* Yamada, Y. 90603
Mekawi, A.M. *see* Sahwi, S.Z. 110356
Mekhanikov, A.I. *see* Ol'khovskii, G.G. 102466
Mekhannikov, A.I., Perepelkin, V.A. Using microwave multimeters to measure the parameters of dielectrics 69445
Mekhannikov, A.I., Perepelkin, V.A., Chuiko, V.G. Using a microwave multimeter as a microwave voltage standard 68951
Mekhannikov, A.I. *see* Perepelkin, V.A. 69377
Mekhontsev, S.N. *see* Fox, N.P. 89092
Meki, K., Yamaguchi, K., Li, X., Saito, Y., Kawahara, T.D., Nomura, A. Range-resolved bistatic imaging lidar for the measurement of the lower atmosphere 111231
Mekkaoui, A. *see* Dentan, M. 90222
Mekkaoui, A. *see* Dentan, M. 95214
Mekkittikul, A., Sadot, D., Kazovsky, L.G., McKeown, N. 8 Tb/s ATM interconnection through optical WDM networks 109614
Mekkittikul, A. *see* Cerisola, M. 88575
Mekkittikul, A. *see* Chlamtac, I. 78735
Mekonnen, G.G. *see* Schlaak, W. 96070
Mekonnen, G.G. *see* Schramm, C. 78655
Mekonnen, G.G. *see* Unterborsch, G. 100043
Mekryukov, A.M. *see* Efimov, O.M. 107448
Mekshes, M. *see* Evans, J. 80171
Mekuria, F. Image coding using an adaptive neural VQ model and its DSP implementation 98114
Mekuria, F., Ugnell, H., Amirijoo, S., Fjallbrant, T., Oberg, A. A new digital filter synthesis and signal processor implementation method for biomedical sensor signal processing 101052
Meky, M.M., Saadawi, T.N. Degradation effect of cell loss on speech quality over ATM networks 109157
Melaia, R., Grayer, I. Direct-on-line starting current of cage induction motors 121469
Melaia, R. *see* Phillips, A.J. 100263
Melaku, Y. *see* Hutchinson, J. 105791
Melamed, B., Qiang Ren, Sengupta, B. The QTES/PH/1 queue 72424
Melamed, B. *see* Merchant, A. 93400
Melanin, V.P. *see* Fil'chikov, V.A. 79391
Melany, M. *see* Duerinckx, A.J. 111006
Melany, M. *see* Duerinckx, A.J. 111007
Melber, B. *see* Blom, I. 81213
Melbourne, W.G. *see* Kursinski, E.R. 70484
Melby, A. *see* Lin, D.F. 70247
Melcher, C.L. *see* Naud, J.D. 75710
Melchior, H. *see* Bauknecht, R. 99597
Melchior, H. *see* Besse, P.A. 116095
Melchior, H. *see* Gini, E. 106739
Melchior, H. *see* Holtmann, Ch. 106991
Melchior, H. *see* Hunziker, W. 119214
Melchior, H. *see* Kyburz, R. 109314
Melchior, H. *see* Lai, Q. 95766
Melchior, H. *see* Lai, Q. 116065
Melchior, H. *see* Leuthold, J. 75673
Melchior, H. *see* Leuthold, J. 88513
Melchior, H. *see* Masetti, F. 78317
Melchior, L., Kropp, J.-R. A high density optical backplane connector 116045
Melchiorri, C. *see* Holweg, E.G.M. 89514
Melconi, A.A., Guglielmi, M. Multimode network representation of two dimensional steps in rectangular waveguides 76521
Meldorf, M., Tiigimagi, E., Raesaar, P., Valtin, J. An approach to power system state estimation 101862
Meldrum, D.T. GPS and AUVs: a solution to the problem of signal interruption 68745
Mele, T.C. *see* Ajuria, S.A. 63176

Melear, C. Microcoding the time processor unit of the M68300 and M68HC16 MCU'S 61960
Melear, C. Programming peripheral modules of the MC68300 and MC68HC16 microcontrollers 61961
Melear, C. An MCU based uninterruptible power supply using an MC68F333 71546
Melear, C. Infrastructure. The key to total communications 109140
Melear, C. The RISC MPC505 MCU in cable set top converters 109923
Melear, C. Brushless DC motor positioning system 112004
Meleas, D. *see* Sidiropoulos, N.D. 77276
Meledin, T. *see* Dubnistchev, Yu.N. 119951
Melehin, V.G. *see* Mintairov, A.M. 74415
Meleis, H. Toward the information network 118417
Melekhin, V.N. *see* Karev, A.I. 89808
Melekhin, V.N. *see* Shvedunov, V.I. 89688
Melekhin, V.N. *see* Sobenin, N.P. 100693
Melen, R. *see* Beraldi, R. 87288
Melen, R. *see* Bianchi, G. 79183
Melen, R. *see* Bianchi, G. 88866
Melen, R. *see* Giacomazzi, P. 78044
Melendes, R. *see* Motamedi, M.E. 100116
Melendez, E. *see* Izquierdo, J.M. 72351
Melendez, J. *see* Lopez, F. 69357
Melendez, J. *see* Lopez, F. 119761
Melendez, O. *see* Sundaram, K.B. 104099
Melendez Lugo, L. *see* Lopez Callejas, R. 99845
Melendez-Lira, M., Lopez-Lopez, M., Hernandez-Calderon, I. Photoreflectance and photoluminescence characterization of GaAs quantum wells grown by molecular beam epitaxy on flat and misoriented substrates 94500
Melendez-Lira, M. *see* de Melo, O. 92763
Melendez-Lira, M. *see* Hernandez, L. 103835
Melendrez, R. *see* Castaneda, B. 106942
Melenevsky, U.A. *see* Morozova, S.P. 89080
Melet, E. *see* Lenormand, R. 65986
Melezhnikov, I.V. *see* Buklerskii, A.V. 101506
Melhem, R.P. *see* Chiarulli, D.M. 87757
Melhem, W., Elloumi, K., Forest, F., Gonzalez, J., Pouliquen, H. A pulse-width modulated and zero-voltage switched inverter based on current ripple principle 121666
Melhem, W. *see* Laboure, E. 121735
Melhorn, C.J., McGranaghan, M.F. Interpretation and analysis of power quality measurements 91241
Melhorn, C.J. *see* Braz, A. 81063
Melhorn, C.J. *see* Davis, T. 80951
Melhus, O., Ratkje, K. Modelling the power reduction in SOFC due to hot spots 81860
Melhus, O. *see* Stolin, A.M. 81862
Meli, F. *see* Schlapbach, L. 71650
Melian, V.M., Perez-Jimenez, R., Betancor, M.J. 2 Mb/s DPSK modem for infrared wireless LAN and data communications 87738
Melian, V.M. *see* Perez-Jimenez, R. 67743
Melick, J.H. Selection and installation of a vertical roller mill for clinker pregrinding 82046
Meliga, M. *see* Paoletti, R. 96301
Melikian, A.O. *see* Avetissian, S.K. 83928
Melikian, S. *see* Manitakos, D. 70343
Meliksetian, D.S. *see* Carlson, B.S. 95191
Meliksetian, D.S. *see* Chen, C.Y.R. 68914
Meliksetian, D.S. *see* Huse, S.M. 109059
Melikyan, A.O. *see* Akopyan, A.A. 116605
Melinger, J. *see* Buchner, S. 61723
Melinger, J. *see* Buchner, S. 70313
Melinger, J. *see* Buchner, S. 73389
Melinger, J. *see* Buchner, S. 104554
Melinger, J.S. *see* McMorrow, D. 70334
Melinger, J.S. *see* McMorrow, D. 74743
Melinger, J.S. *see* McMorrow, D. 106046
Melinte, S. *see* Bayot, V. 74382
Meliopoulos, A.P.S., Adams, W., Casey, R. Effects of tower grounding system models on insulation coordination of overhead transmission lines 111651
Meliopoulos, A.P.S. *see* Feng Xia 101925
Meliopoulos, A.P.Sakis *see* Sakis Meliopoulos, A.P.
Melisek, T. *see* Kovac, P. 75338
Melius, C.F. *see* Allendorf, M.D. 61422
Melkebeek, J.A. *see* Philips, D.A. 64383
Melkebeek, J.A.A. *see* Van Keer, R. 96868
Melki, P. *see* Moreau, J.-F. 110647
Mell, H. *see* Beyer, W. 94399
Mellah, S., Drissi, M., Citerne, J. Novel microstrip circular patch antennas 66107
Mellander, B.-E. *see* Zhu, B. 112314
Mellara, B. *see* Santini, E. 93090
Meller, S., Arya, V., Wang, A., Claus, R.O. Cross-sensitivity considerations for wavelength-modulated and interferometric optical fiber sensors 79482
Meller, S., de Vries, M.J., Arya, V., Murphy, K., Claus, R.O. Optical fiber sensors for vehicle detection 69215
Melliar-Smith, P.M. *see* Chen, X. 87422
Melliar-Smith, P.M. *see* Inouye, L. 88027
Melliar-Smith, P.M. *see* Moser, L.E. 67726
Melliar-Smith, P.M. *see* Santos, M.D. 87322
Mellikov, E. *see* Valdna, V. 94351
Mellis, G., Jansen, M. Metering errors in HV and EHV systems 102285
Mellis, J. Systematic approaches to network infrastructure planning and performance modelling 67611
Mellis, J. *see* Asumu, D.E. 68506
Mellis, J. *see* Redstall, R.M. 67962
Mellis, J. *see* Thomas, M.R. 67967
Mello, F.P.de *see* de Mello, F.P.
Mello, J. *see* Burns, D. 105911
Mello, J.C.O., Leite da Silva, A.M., Pereira, M.V.F., Melo, A.C.G., Schilling, M.T. Relevant factors in loss of load cost evaluation in power systems planning 102025
Mello, J.C.O. *see* Granville, S. 70643
Mello, J.C.O. *see* Melo, A.C.G. 101741
Mello, L.A.R.Silva *see* Silva Mello, L.A.R.
Melloch, M.R., Harmon, E.S., Woodall, J.M., Nolte, D.D., Carin, L., Kralj, D.R., Chang, J.C.P., Otsuka, N. Cluster engineering for photoconductive switches 95995
Melloch, M.R. *see* Groeneveld, R.H.M. 69425
Melloch, M.R. *see* Hawker, P. 83932
Melloch, M.R. *see* Jones, R. 107627
Melloch, M.R. *see* Keh-Ching Huang 62401
Melloch, M.R. *see* Kolagunta, V.R. 84314
Melloch, M.R. *see* Lahiri, I. 64805
Melloch, M.R. *see* Lochtefeld, A.J. 105152
Melloch, M.R. *see* Shenoy, J.N. 105516
Melloch, M.R. *see* Wang, Y. 74325
Melloch, M.R. *see* Wang, Y. 105923
Melloch, M.R. *see* Xie, W. 105922
Melloni, A. *see* Amato, L. 65444
Melloni, A. *see* Fellegara, A. 85012
Melloni, A. *see* Gentili, G.G. 116960
Mellor, F., Wernik, M., Kositpaiboon, R. The emerging architecture of future networks 118166
Mellor, H. *see* Weaver, M.S. 75753
Mellor, P.H., Allen, T., Howe, D. Hub-mounted electric drive-train for a high performance all-electric racing vehicle 91872
Mellor, P.H. *see* Al-Taee, M.A. 121739
Mellor, P.H. *see* Chaaban, F.B. 121451
Mellor, P.H. *see* Howe, D. 91867
Mellors, C. *see* Corbett, A.E. 91876
Mellors, J. *see* Acerbi, E. 95534
Mellott, J.D., Lewis, M. High speed custom VLSI DSP systems 114000
Mellott, J.D., Lewis, M., Taylor, F., Coffield, P. ASAP–a 2D DFT VLSI processor and architecture 114008
Mellott, J.D. *see* Taylor, F.J. 60447
Mellouet, B., Landrac, G., Gelin, P. Modelling of dielectric rod antennas by a mode-matching method 66088
Melman, P. *see* Chlamtac, I. 78735
Melngailis, J. *see* Musil, C.R. 114885
Melnichenko, I.M. *see* Boiko, A.A. 106912
Mel'nichuk, A.V., Pasechnik, Yu.A. Damping of surface plasmon-phonon polaritons in zinc oxide 105155
Mel'nik, N.N. *see* Aleshchenko, Yu.A. 74360
Melnik, N.N. *see* Avrutin, V.S. 83798
Mel'nik, N.N. *see* Karuzskii, A.L. 63009
Mel'nik, R.S. *see* Krotov, L.N. 113581
Mel'nik, S.V. *see* Smirnov, N.I. 88090
Mel'nik, T.N. *see* Buyanova, I.A. 116214
Melnik, V. *see* Roytelman, I. 70869
Mel'nik, V.E. Identification of artificial satellites from brightness variations 111313
Melnik, Yu.M. *see* Luppov, V.G. 120085
Melnik, Yu.V., Nikitina, I.P., Zubrilov, A.S., Sitnikova, A.A., Musikhin, Yu.G., Dmitriev, V.A. High-quality GaN grown directly on SiC by halide vapour phase epitaxy 104065
Melnik, Yu.V. *see* Vassilevski, K.V. 114954
Melnikov, A.A. *see* Popovici, G. 84090
Melnikov, A.V. *see* Aktsipetrov, O.A. 96738
Melnikov, A.V. *see* Duraev, V.P. 96270
Mel'nikov, A.V. *see* Duraev, V.P. 116544
Mel'nikov, D.V. *see* Elesin, V.F. 63566
Melnikov, D.V. *see* Elesin, V.F. 63580
Mel'nikov, E.A. *see* Belikov, S.V. 120187
Melnikov, G.S., Larionov, S.A., Mikheev, P.A., Tsvetkov, E.A. Discrete scanning systems for digital optical processing and transfer of images by systolic methods 99892
Mel'nikov, I.V., Shipulin, A.V. Solitary-pulse regimes of solid-state laser additively mode locked by a cascading nonlinearity 85442
Melnikov, L.A., Romanova, E.A., Romanov, S.V. Cladding effects in single-mode fiber: Space and polarization phenomena 95690
Mel'nikov, L.A., Romanova, E.A., Romanov, S.V. Effect of cladding modes on spatial and polarization characteristics of the field at the output of a single-mode optical waveguide. I. Spatial effects 116966
Melnikov, L.A. *see* Akchurin, G.G. 95691
Melnikov, L.Y. *see* Shteinshleiger, V.B. 68665
Melnikov, L.Ya., Shteinshleiger, V.B., Podolny, E.A., Smolyar, N.S. Airborne early warning radar: Scientific research and development in Russia 70592
Mel'nikov, S.A. *see* Savchenko, A.G. 115854
Mel'nikov, S.A. *see* Savchenko, A.G. 115855
Melnikov, V.E. *see* Szabatin, J. 119537
Melnikov, Y. *see* David, G. 80077
Melnikov, Y. *see* David, G. 100863
Mel'nikova, M.V. *see* Seryanov, Yu.V. 63462
Melnychuk, S.T., Debiak, T.W., Sredniawski, J.J. Operation of a CW RF driven ion source with hydrogen and deuterium gas 69694
Melo, A.C.G., Mello, J.C.O., Oliveira, G.C., Romero, S.P., Fontoura Filho, R.N. Probabilistic adequacy evaluation of large scale power systems–a Brazilian case 101741
Melo, A.C.G. *see* Granville, S. 70643
Melo, A.C.G. *see* Mello, J.C.O. 102025
Melo, C.A.R.Sa de *see* Sa de Melo, C.A.R.
Melo, C.P.de *see* de Melo, C.P.
Melo, M.T.De *see* De Melo, M.T.
Melo, O.de *see* de Melo, O.
Melo, P. *see* Urgiles, E. 113280
Melody, W.H. Toward a framework for designing information society policies 77813
Melody, W.H. Implications of technology and policy for intelligent network research priorities 98823
Melon, Ch., Leveque, Ph., Monediere, Th., Jecko, F. Experimental and theoretical study of saturated ferrite antennas using FDTD 66057
Meloni, F. *see* Carbonaro, C.M. 63071
Melotte, M. Total dose response of a U.H.F. complementary-bipolar process (C-bip) using dielectric isolation (DI/SOI) 74823
Melotte, M. Total dose response of a U.H.F. complementary-bipolar process (C-bip) using dielectric isolation (DI/SOI) 104874
Melsheimer, C., Alpers, W., Gade, M. Investigation of multifrequency/multipolarization radar signatures of rain cells, derived from SIR-C/X-SAR data 120804
Melson, B. *see* Newman, D. 98969
Melson, B. *see* Newman, D. 118709
Melson, D.L., Gauvain, K.M., Beardslee, B.M., Kraitsik, M.J., Burton, L., Blaine, G.J., Brink, G.S. Methodology for cost-analysis of film-based and filmless portable chest systems 110896
Melton, R. How much uptime does your system require? 91633
Melton, W. *see* Qiu, C.H. 94357
Meltser, B. *see* Suchalkin, S. 69188
Mel'tser, B.Ya. *see* Cao, S.M. 114765
Meltz, G. *see* Morey, W.W. 79479
Melus, J.L. *see* Barba, A. 68228
Melus, J.L. *see* Barba, A. 88335
Melus, J.L. *see* Cruselles, E. 67862
Melus, J.L. *see* Cruselles, E. 98421
Melville, B. *see* Feldmann, P. 113703
Melville, R. *see* Feldmann, P. 114266
Melville, R.C. *see* Roychowdhury, J.S. 82853
Melvin, W.L., Wicks, M.C., Brown, R.D. Assessment of multichannel airborne radar measurements for analysis and design of space-time processing architectures and algorithms 109714
Melvin, W.L. *see* Blum, R.S. 109725
Melzak, J. *see* Pan, T. 106284
Melzer, B. *see* Hofbeck, K. 105330
Melzi, C. Computing potentials on a periodic bidimensional grid 93019
Memari, A.R., Janischewskyj, W. Mitigation of magnetic field near power lines 91198
Member, I. *see* Alves Pereira, A. 121727
Memering, M. *see* Asano, K. 106565
Memmer, H. *see* Jahnke, B. 91181
Memmert, U., Hodel, U., Hartmann, U. Combined ultrahigh vacuum scanning tunneling microscope scanning electron microscope system 74779
Memmert, U. *see* Mielke, F. 64522
Memming, R. *see* Schwetje, O. 63452
Memon, A.M., Guizani, M., Benten, M.S. Throughput analysis of a fault-tolerant optical switch 108756
Memon, A.M. *see* Guizani, M. 68022
Memon, M. *see* Abro, M.R. 70636
Memon, N., Sippy, V., Xiaolin Wu A comparison of prediction schemes proposed for a new lossless image compression standard 117879
Memon, N. *see* Abro, M.R. 70636
Memon, N.D. A vector excitation coding technique for image data 67003
Memon, N.D. A bounded distortion compression scheme for hyper-spectral image data 120698
Memon, N.D., Sayood, K. Lossless compression of video sequences 117822
Memon, N.D., Venkateswaran, A. On ordering color maps for lossless predictive coding 117845
Memon, Q., Kasparis, T. Application of approximate trigonometric expansions to multiresolution signal representation 108395
Memon, Q., Kasparis, T. Approximate trigonometric expansions with applications to image encoding 117712
Memon, S.A. *see* Burdi, M.K. 71004
Men, H.Le *see* Le Men, H.
Mena, M.G. *see* De Guzman, J.C. 112922
Mena, P.V. *see* Lammert, R.M. 85322
Menachem, C. *see* Peled, E. 112294
Menaldi, J.-L., Robin, M., Min Sun Optimal starting-stopping problems for Markov-Feller processes 92446
Menard, D. *see* Ciureanu, P. 64287
Menard, E. *see* Schiesser, T. 94123
Menard, J.P. Statistical process control of reflow soldering 83611
Menard, S., Vampouille, M., Colombeau, B., Froehly, C. Extracavity recombination of diode pumped synchronised laser beams 75899
Menardi, A. *see* Davancens, R. 70546
Menary, S. *see* Mours, B. 100821
Menary, S. *see* Mours, B. 120196
Menberu, B. *see* Kim, S.-W.A. 95026
Mencaraglia, D. *see* Dayoub, F. 94609
Mencaraglia, D. *see* Rolland, A. 105967

Menchikov, A. *see* Baehr, J. 69755
Mencick, M. *see* Chehab, R. 89714
Menck, A. *see* Gasser, B. 69106
Mende, W. *see* Zhongrong Liu 116887
Mendel, C.W., Jr. *see* Mix, L.P. 111625
Mendel, J.M. *see* Gonen, E. 117483
Mendel, M.B. *see* Chick, S.E. 82330
Mendel, M.J. *see* Schmid, G.F. 101080
Mendel, R. *see* Phanse, A. 104409
Mendel, R. *see* Yeh, C.S. 106050
Mendelsohn, D.A. *see* Pecorari, C. 61472
Mendelsohn, D.A. *see* Pecorari, C. 61473
Mendelsohn, S.L. *see* Paulson, C.C. 89598
Mendenhall, M. Portable systems demand vigilant overcurrent protection 91611
Mendenhall, M. The overcurrent protection of portable apparatus 102862
Mendenhall, M. *see* Amirmadhi, F. 96488
Mendenhall, M. *see* Amirmadhi, F. 96557
Mendes, A.M.S. *see* Marques Cardoso, A.J. 121990
Mendes, K.C., Machado, F.L.A., Pereira, L.G., Rezende, S.M., Montenegro, C., Altoe, M.V.P., Missell, F.P. Giant transversal magnetoimpedance and Hall-effect measurements in $Co_{70.4}Fe_{4.6}Si_{15}B_{10}$ 84787
Mendes, L., Antenor, S. A tridimensional solenoidal basis function to analyze 3D scattering of homogeneous dielectrics using the method of moments 97082
Mendes, L. *see* Antenor, S. 65756
Mendes, L.S., Carvalho, S.A. Scattering of EM waves by homogeneous dielectrics with the use of the method of moments and 3D solenoidal basis functions 97086
Mendes, M., Loyolla, W., Magedanz, T., Assis Silva, F.M., Krause, S. Agents skills and their roles in mobile computing and personal communications 118362
Mendes, R.V. *see* Dente, J.A. 67063
Mendes, V.M.F., Ferreira, L.A.F.M., Roldao, P., Pestana, R. Short-term resource scheduling in large-scale hydrothermal power systems: dual optimization by a modified ϵ subgradient algorithm 102020
Mendes de Barros, R.C., Corat, E.J., Fereira, N.G., de Souza, T.M., Trava-Airoldi, V.J., Leite, N.F., Iha, K. Dispersion liquid properties for efficient seeding in CVD diamond nucleation enhancement 113414
Mendes Pacheco, G. Combined acousto-optic and electro-optic effects and applications 85155
Mendez, A.J., Roper, C.D., Clegg, T.B. Modeling the hyperfine state selectivity of a short Lamb-shift spin-filter polarimeter 120090
Mendez, A.J., Tahoces, P.G., Lado, M.J., Souto, M., Correa, J.L., Vidal, J.J. Automatic detection of breast border and nipple in digital mammograms 90410
Mendez, A.J. *see* Derenchuk, V.P. 120091
Mendez, A.J. *see* Roper, C.D. 119993
Mendez, E.E. *see* Jimenez, J.L. 63042
Mendez, E.E. *see* Ogawa, M. 65209
Mendez, F. *see* d'Ouville, T.T. 115359
Mendez, P. *see* Perez, A. 104903
Mendez, P. *see* Perez, A. 112078
Mendez-Lango, E. *see* Ancsin, J. 119528
Mendez-Otero, M.M., Iturbe Castillo, M.D., Sanchez-Mondragon, J.J., Stepanov, S.I. Z-scan technique for thick thermal media 119921
Mendias, J.M., Hermida, R., Fernandez, M. Algebraic support for transformational hardware allocation 73241
Mendiburu, J.P. *see* Zalessky, V.B. 80056
Mendiburu, J.P. *see* Zalessky, V.B. 100890
Mendicino, M.A. *see* Southwell, R.P. 82727
Mendiola, J. *see* Alfonso, J.E. 75520
Mendiola, J. *see* Alfonso, J.E. 92867
Mendiola, M.C., Chang, C.S., Elangovan, S. Fuzzy expert system for distribution system restoration and contingency operation 70901
Mendis, F.V.C. *see* Chang Yuen Teo 85488
Mendis, F.V.C. *see* Haldar, M.K. 65188
Mendis, F.V.C. *see* Halder, M.K. 96410
Mendis, F.V.C. *see* Linlin Li 65355
Mendis, K.J.S., Stone, C.R., Ladommatos, N., Daragheh, M. A lean burn low emissions gas engine for co-generation 91314
Mendivil, J.R.Gonzalez de *see* Gonzalez de Mendivil, J.R.
Mendler, M. A timing refinement of intuitionistic proofs and its application to the timing analysis of combinational circuits 93266
Mendlovic, D. Double-multiplexed computer-generated holograms 96775
Mendlovic, D., Dorsch, R.G., Lohmann, A.W., Zalevsky, Z., Ferreira, C. Optical illustration of a varied fractional Fourier-transform order and the Radon-Wigner display 98013
Mendlovic, D., Dorsch, R.G., Zalevsky, Z., Ferreira, C. Optical implementation of the 2-D Radon-Wigner transform 117537
Mendlovic, D., Zalevsky, Z., Lohmann, A.W., Dorsch, R.G. Signal spatial-filtering using the localized fractional Fourier transform 67448
Mendlovic, D. *see* Garcia, J. 98015
Mendlovic, D. *see* Lohmann, A.W. 86961
Mendlovic, D. *see* Moya, A. 98010
Mendlovic, D. *see* Ozaktas, H.M. 86896
Mendlovic, D. *see* Zalevsky, Z. 86894
Mendlovic, D. *see* Zalevsky, Z. 95923
Mendlovic, D. *see* Zalevsky, Z. 98265
Mendlovic, D. *see* Zalevsky, Z. 117539
Mendola, J.B. *see* James, R.D. 69080
Mendola, J.B. *see* James, R.D. 90876
Mendonca, C.A.C., Chiu, T.H. High quality InGaAsP/InP multiple quantum well modulator structures for 1.3 and 1.5 μm applications 103902
Mendonca, C.A.C. *see* Hofer, M. 65102
Mendonca, C.A.C.de *see* de Mendonca, C.A.C.
Mendonca, G.V. *see* Ribeiro, G.F. 97447
Mendoza, C.I., Del Castillo-Mussot, M., Vazquez, G.J. Drift current and thermal pressure effects in the electromagnetic instabilities of periodic semiconductor superlattices 114795
Mendoza, E.A. *see* Egalon, C.O. 89134
Mendoza, W.A., Shaheen, S.A. Temperature and field-induced spin reorientations in $NdFe_{10-x}Co_xMo_2$ single crystals 75138
Mendoza Santoyo, F. *see* Duarte, R. 116758
Mendoza-Alvarez, J.G. *see* Alvarez-Fregoso, O. 105159
Mendoza-Galvin, A., Martinez, G., Lozada-Morales, R. Microstructural effects of thermal annealing on CdS films 114855
Mendoza-Santoyo, F. *see* Meyyappan, A. 90869
Meneaud, A. Plant feedback on lay-up and cleanliness 91303
Meneghello, L. *see* Arbizzani, C. 73826
Meneghesso, G., Canali, C., Cova, P., De Bortoli, E., Zanoni, E. Trapped charge modulation: a new cause of instability in AlGaAs/InGaAs pseudomorphic HEMT's 63759
Meneghesso, G., De Bortoli, E., Cova, P., Menozzi, R. On temperature and hot electron induced degradation in AlGaAs/InGaAs PM-HEMT's 62255
Meneghesso, G., Haddab, Y., De Bortoli, E., Paccagnella, A., Zanoni, E., Canali, C. Study of low-temperature degradation of AlGaAs-InGaAs pseudomorphic HEMTs 84473
Meneghesso, G., Luchies, J.R.M., Kuper, F.G., Mouthaan, A.J. Turn-on speed of grounded gate nMOS ESD protection transistors 115363
Meneghesso, G., Paccagnella, A., Haddab, Y., Canali, C., Zanoni, E. Evidence of interface trap creation by hot-electrons in AlGaAs/GaAs high electron mobility transistors 106052
Meneghesso, G. *see* Zanoni, E. 63760
Meneghesso, G. *see* Zanoni, E. 95074
Meneghetti, M. *see* Bozio, R. 107541
Meneghini, C. *see* De Marchi, G. 75387
Meneghini, G. *see* Stano, A. 74581
Meneghini, R., Iguchi, T., Liang Liao Analysis of dual-wavelength dual-polarization returns from frozen hydrometeors 120749
Meneghini, R., Liang Liao Dielectric constants for melting hydrometeors as derived from a numerical method 111203
Meneghini, R. *see* Horie, H. 120802
Meneghini, R. *see* Iguchi, T. 80641
Meneghini, S. *see* Calligola, P. 80124
Meneguzzo, A.T. *see* Carugno, G. 100803
Menelli, R.J. *see* Terstriep, J.A. 109032
Menendez, A. *see* Ayllon, F.G. 87482
Menendez, F.E. *see* Ramsay, S.M. 70877
Menendez, J.M., Rendon, E., Salgado, L., Garcia, N. Differential model-based moving object segmentation in dynamic monocular sequences 98120
Menendez, O. *see* Meddahi, S. 72714
Menendez, R.C. *see* Bhagavath, V.K. 78812
Meneses, J. *see* Lopez, F. 69357
Meneses, J. *see* Lopez, F. 119761
Meneses, J.M. *see* Boemo, E.I. 61788
Meneses, J.M. *see* Sanz, C. 73415
Meneses, T.O. *see* da Silva, E.R.C. 102824
Menet, O. *see* Langlet, J.P. 91305
Menevidis, Z. *see* Adam, W. 118639
Meney, A.T., O'Reilly, E.P., Adams, A.R. Optical gain in wide bandgap GaN quantum well lasers 75966
Menezes, L.de *see* de Menezes, L.
Menezes, L.R.A.X.de *see* de Menezes, L.R.A.X.
Menezes, N. *see* Dartu, F. 73261
Menezes, N. *see* Pullela, S. 73505
Menezes, S., Kessler, J., Schmid, D., Schock, H.W., Matson, R.J. Use of n-type $(Cu_2Se)_x(In_2Se_3)_{1-x}$ ordered defect chalcopyrite films for solar cell absorber layers 103012
Menezes, V.M., Paula Filho, W.P., Oliveria, A.A., Lima Filho, N.C. A CAD system for telecommunications engineering in a GIS environment 87492
Meng, B., Weinberg, W.H. Dynamical Monte Carlo studies of molecular beam epitaxial growth models: interfacial scaling and morphology 113392
Meng, F.C. More on optimal allocation of components in coherent systems 113104
Meng, J.C.S., Henricks, P.J., Hrubes, J.D., Henoch, C.W. Experimental studies of a seawater superconducting electromagnetic thruster: a continuing quest for higher magnetohydrodynamic propulsive efficiency 91880
Meng, P. *see* Bashir, R. 63902
Meng, Q., de Haan, P., van Drent, W.P., Lodder, J.C., Popma, T.J.A. Effects of Pt seed layer and Ar pressure on magnetic and structural properties of sputtered CoNi/Pt multilayers 115612
Meng, Q., Thompson, W.E., Flachs, G.M., Jordan, J.B. A fuzzy approach to object recognition 117643
Meng, Q. *see* Phillips, G.N. 115613
Meng, Q. *see* Van Drent, W.P. 75188
Meng, R.L., Hickey, B.R., Sun, Y.Y., Cao, Y., Kinalidis, C., Meen, J., Xue, Y.Y., Chu, C.W. Formation of $HgBa_2Ca_2Cu_3O_{8+\delta}$ with additives under ambient conditions 75302
Meng, T.H. Portable video-on-demand in wireless communication 99311
Meng, T.H. *see* Tsern, E.K. 77293
Meng, T.H.-Y. *see* Todesco, A.R.W. 82847
Meng, T.H.Y. *see* Portmann, C.L. 93522
Meng, W. *see* Bunce, G. 100643
Meng, X., Natansohn, A., Rochon, P. Azo polymers for reversible optical storage. 11 poly{4,4′-(1-methylethylidene)bisphenylene 3-[4-(4-nitrophenylazo)phenyl]-3-aza-pentanedioate} 64638
Meng, X.K. *see* Xiong, S.B. 75524
Meng, X.L., Chen, M.J., Zhao, Y., Tang, Y.Q. Error estimates of h-p version adaptive finite element computation for magnetic field problem 96908
Meng, X.L. *see* Chen, M.J. 96953
Meng, X.L. *see* Zhao, Y. 107788
Meng, X.Z., Sloot, J.G.J., Rijanto, H. Modelling of semiconductor fuses in EMTP 104315
Meng, Z. *see* Anthony, D.K. 68712
Meng, Z. *see* Kaczer, B. 74497
Meng, Z. *see* Xiong, S. 84444
Meng Guangyao *see* Yang Jianhua 110272
Meng Hongxing *see* Hongxing Meng
Meng Jianhao *see* Jianhao Meng
Meng Junyi *see* Zhang Rongxiang 79343
Meng Lieh Sheu, Chung Len Lee A programmable multiple-sequence generator for BIST applications 61766
Meng Lin *see* Wu Jianqiang 97153
Meng Lingjie *see* Lingjie Meng
Meng Low Chee *see* Low Chee Meng
Meng Luoming *see* Chen Gang 99239
Meng Luoming *see* Hou Qingfu 118546
Meng Luoming *see* Lei Youxun 118544
Meng Luoming *see* Zhao Zhengdong 118553
Meng Qing-Gang *see* Li Gui-Ling 79154
Meng Qinghao *see* Qinghao Meng
Meng Samson See Chong *see* Chong Meng Samson See
Meng Shaoxian, Wang Xiaoqin, Guan Fuyi, Yu Haiwu, Lin Zunqi Laser induced damage to glass surface 107483
Meng Sun *see* O'Brien, D. 75698
Meng Sun *see* Sun Meng
Meng Weiqun *see* Song Pengto 120981
Meng Xianlin *see* Xianlin Meng
Meng Xiaofeng, Wang Xiaokui, Liu Huibin Study on dynamic calibration method for transducers with frequency-output 79285
Meng Xiaowei *see* Xiaowei Meng
Meng Yan *see* Yan Meng
Meng Yang *see* Li Wangkui 94160
Meng Yang *see* Zhang Dixin 94159
Meng Zhaodun *see* Sun Ying 112160
Meng Zhiqing *see* Hu Yuda 72518
Meng-Chyi Wu *see* Yuh-Maoh Sun 95961
Meng-Han Hsieh, Che-Ho Wei A multialphabet arithmetic coding with weighted history model 67109
Meng-Hsiung Kiang, Solgaard, O., Muller, R.S., Lau, K.Y. Surface-micromachined electrostatic-comb driven scanning micromirrors for barcode scanners 74937
Meng-Huang Lee, Chih-Yuan Cheng, Fu-Ching Wang, Yen-Jen Oyang Designing a multiple disks system for on-demand playback with minimum data buffer 68856
Meng-Huang Lee, Chun-Hung Wen, Chih-Yuan Cheng, Fu-Ching Wang, Yen-Jen Oyang Storage hierarchy design in video-on-demand servers 68855
Meng-Hwa Er *see* Wee-Soon Ching 77468
Meng-Jin Tsai *see* Fang-Shing Wang 63232
Meng-Jou Lin *see* Jonathan Chien-Liang Liu 109939
Meng-Yueh Chang, Jiaan-Yow Lin, Ying-Yu Tzou DSP-based fully digital control of a AC/DC converter with a nonlinear digital current mode control 121713
Mengali, U. *see* D'Andrea, A.N. 117149
Mengali, U. *see* Vitetta, G.M. 76759
Mengali, U. *see* Vitetta, G.M. 76932
Mengchun Xie, Yamaguchi, T., Odaka, T., Ogura, H. An analysis of evolutionary states in the GA with lethal genes 60908
Menge, P.R., Cuneo, M.E., Bailey, J.E., Bernard, M.A., Desjarlais, M.P., Filuk, A.B., Fowler, W.E., Hanson, D.L., Lockner, T.R., Mehlhorn, T.A., Slutz, S.A., Welch, D.R. Cleaning techniques for intense ion beam sources 120122
Menge, P.R. *see* Cuneo, M.E. 69683
Menge, P.R. *see* Hanson, D.L. 110514
Menge, P.R. *see* Mazarakis, M.G. 120048
Menge, P.R. *see* Mehlhorn, T.A. 69637
Mengel, S.A., Adams, W.J. The need for a hypertext instructional design methodology 112756
Mengeritsky, E., Dan, P., Weissman, I., Zaban, A., Aurbach, D. Safety and performance of Tadiran TLR-7103 rechargeable batteries 102950
Menges, R. *see* Feggeler, J.C. 78683
Menghwa Er *see* Gang Li 93591
Mengjou Lin *see* Liu, J.C.L. 88854
Mengko, T.R. *see* Adiono, T. 86874
Mengko, T.R. *see* Rasyid, R. 87114

Menglin Cao, Ferris, M.C. A pivotal method for affine variational inequalities 72507
Mengnian Niu *see* Niu Mengnian
Mengquan Wen *see* Wen Mengquan
Mengucci, P. *see* Barucca, G. 113328
Mengucci, P. *see* Leggieri, G. 92928
Mengucci, P. *see* Luby, S. 94826
Mengucci, P. *see* Pinto, N. 61263
Mengzhen Chen *see* Xunchun Li 94855
Menhorn, F. *see* Weide, K. 115031
Menich, B. *see* Labedz, G. 118963
Meniconi, M., Barry, D.M. The power function distribution: a useful and simple distribution to assess electrical component reliability 82348
Menictas, C. *see* Skyllas-Kazacos, M. 71617
Menigaux, L. *see* Bruno, A. 96044
Menigaux, L. *see* Devaux, F. 75586
Menis, R. *see* Giadrossi, G. 103090
Menju, S. *see* Hanai, M. 75012
Menju, S. *see* Isaka, S. 112048
Menjyo, H. *see* Kawamura, M. 99799
Menk, R.H. *see* Dix, W.R. 70096
Menkara, H.M., Wagner, B.K., Summers, C.J. Effect of variations in the doping profiles on the properties of doped multiple quantum well avalanche photodiodes 116231
Menkassi, A. *see* Hbib, H. 94615
Menke, F., Hinz, T., Eggers, R., Knochel, R. Moisture-dependent structural behavior and permittivity model for granular materials 69463
Menke, F., Knochel, R. New density-independent moisture measurement methods using frequency-swept microwave transmission 100290
Menke, M. *see* Atkins, M.S. 101342
Menkes, M.E. *see* Camilo, G.M. 84970
Menlove, H.O. *see* Griffith, G.W. 120179
Menna, P., Tsuo, Y.S., Al-Jassim, M.M., Asher, S.E., Pern, F.J., Ciszek, T.F. Light-emitting porous silicon from cast metallurgical-grade silicon 72857
Menna, P. *see* Tsuo, Y.S. 103001
Menna, R. *see* Garbuzov, D. 96260
Menna, R. *see* Garbuzov, D. 107246
Menna, R. *see* Raskin, D. 99765
Menna, R.J. *see* Chao, C.-P. 96849
Menna, R.J. *see* Garbuzov, D.Z. 107326
Menna, R.J. *see* Martinelli, R.U. 69364
Menna, R.J. *see* Riris, H. 97878
Mennell, J., Byrne, B., Yan, Y. Non-invasive two phase flow measurement using soft X-ray attenuation 69569
Menniger, J. *see* Kwok, S.H. 63035
Menniger, J. *see* Notzel, R. 113380
Menningen, K.L., Childs, M.A., Anderson, L.W., Lawler, J.E. Gas temperature in a hot filament diamond chemical vapor deposition system 61368
Menninger, W.L., Danly, B.G., Temkin, R.J. Multimegawatt relativistic harmonic gyrotron traveling-wave tube amplifier experiments 105064
Menniti, D. *see* Caramia, P. 120992
Menon, A. *see* Yufeng Li 115692
Menon, C.S. *see* Joseph, C.M. 62783
Menon, E.S.K., Dutta, I. Surface modification of chemically vapor deposited diamond for producing adherent thick and thin film metallizations for electronic packaging 63409
Menon, K.Rajalakshmi *see* Rajalakshmi Menon, K.
Menon, L., Dhar, S.K., Malik, S.K., Yelon, W.B. Search for hybridization gap in the electronic density of states in CeNiSb 75144
Menon, M.M. An efficient MRF image-restoration technique using deterministic scale-based optimization 98043
Menon, M.M. *see* Barry, R.E. 110033
Menon, P.R. *see* Tekumalla, R. 93345
Menon, S.M., Jayasumana, A.P., Malaiya, Y.K. Input pattern classification for transistor level testing of bridging faults in BiCMOS circuits 93210
Menon, S.M., Malaiya, Y.K., Jayasumana, A.P. Fault modeling of ECL for high fault coverage of physical defects 93274
Menon, V. *see* Grobelny, J.M. 103410
Menouni, E. *see* Driad, R. 84331
Menouni, M. *see* Driad, R. 63599
Menozzi, R., Borgarino, M., Cova, P., Baeyens, Y., Fantini, F. The effect of hot electron stress on the DC and microwave characteristics of AlGaAs-InGaAs-GaAs PHEMTs 115252
Menozzi, R., Piazzi, A., Contini, F. Small-signal modeling for microwave FET linear circuits based on a genetic algorithm 114252
Menozzi, R. *see* Cova, P. 62253
Menozzi, R. *see* Meneghesso, G. 62255
Mensa, D. *see* Bhattacharya, U. 84349
Mensching, B. *see* Hierold, C. 74934
Men'shikh, V.V. Selecting methods of optimizing sequences in executing requests to computing systems 92527
Mensink, C.H.J., Klumperink, E.A.M., Nauta, B. On the reduction of the third order distortion in a CMOS triode transconductor 104733
Mensink, C.H.J., Nauta, B. CMOS tunable linear current divider 62078
Mentel, J., Reich, N., Mizeraczyk, J., Grozeva, M., Sabotinov, N. Capacitively coupled RF excitation of CW gas lasers and its comparison with hollow cathode lasers 107101
Mentel, J. *see* Schulze, J. 107110
Menter, F.E. *see* Grcev, L.D. 70969
Menth, S. *see* Hase, P. 91832
Menthe, A. *see* Abbes, M. 90145
Mentley, D.E. *see* Castellano, J.A. 89217
Mentu, J., Salkinoja-Salonen, M. Luminometric ATP assay: a tool for the control of biological waste water purification in the paper industry 70531
Mentz, H. *see* Hindkaer, L. 111907
Mentz, H.-J., Oelbaum, P., Huber, P. Online electronic timetable information for everybody via ISDN and other media 98797
Menyennett, C., Ferreira, H.C. A new coding technique: integer multiple mark modulation (IMMM) 66297
Menyshenkov, V.P. *see* Savchenko, A.G. 106622
Menyuk, C.R. NonGaussian contributions to the bit error rate in a soliton communication system 119257
Menyuk, C.R. *see* Arend, M.F. 75498
Menyuk, C.R. *see* Golovchenko, E.A. 85666
Menyuk, C.R. *see* Pilipetskii, A.N. 85667
Menyuk, C.R. *see* Saxena, S. 95904
Menyuk, C.R. *see* Torner, L. 107614
Menyuk, C.R. *see* Wai, P.A.K. 116062
Menyuk, C.R. *see* Wai, P.K.A. 78925
Menz, I. *see* Dausmann, G. 65541
Menz, T. *see* Wallrabe, U. 111827
Menz, W. Fluidic components in microsystems technologies 112163
Menz, W., Bacher, W., Schomburg, W.K. Modular systems in MST for medical applications 120273
Menz, W. *see* Gebhard, U. 112164
Menzel, W. *see* Grabherr, W. 76598
Menzel, W. *see* Grabherr, W. 97333
Menzel, W. *see* Machac, J. 93681
Menzel, W. *see* Machac, J. 114201
Menzel, W. *see* Nuchter, P. 73685
Menzel, W. *see* Strauss, G. 93884
Menzel, W.S. *see* Strauss, G. 62320
Menzies, R.W. *see* Aghaebrahimi, M.R. 81021
Menzies, R.W. *see* Zhuang, Y. 81020
Meo, M., De Souza e Silva, E., Ajmone Marsan, M. Efficient solution for a class of Markov chain models of telecommunication systems 118365
Meo, M. *see* Ajmone Marsan, M. 87464
Meo, M. *see* Marsan, M.A. 78907
Meo, S., Scarano, M. An advanced implementation of a microprocessor anti-skid control for electrical traction drive 91820
Meo, S. *see* D'Angelo, G. 102702
Meo, S. *see* Di Stefano, R. 102749
Meo, S. *see* Filippetti, F. 91516
Meo, S. *see* Gentile, G. 91562
Meo, S. *see* Gentile, G. 112432
Meong-Kyu Choi *see* Tae-Won Chun 71745
Meot, F. *see* Scandale, W. 89825
Merabet, A. *see* Semmache, B. 94657
Meraim, K.A. *see* Yingbo Hua 117926
Merakos, L. *see* Passas, N. 109424
Merani, M.L. *see* Immovilli, G. 109431
Merat, F. *see* Smith, S.W. 95778
Merayo, J.M.G. *see* Piil-Henriksen, J. 79234
Merayo, L.A., Alonso, J., Marino, J. Service clock recovering in CBR services: adaptive vs. SRTS 108922
Merayo, L.A. *see* Plaza, P. 99026
Mercado, R. *see* Foster, K.R. 70300
Mercankosk, G. *see* Fischer, S.G. 77646
Mercankosk, G. *see* Fischer, S.G. 78010
Mercantini, J.M., Page, O., Campillo, P., Bertrand, J.C. Dependability of an automatized cardiac assist system 110932
Mercato, G.De *see* De Mercato, G.
Mercede, F.J. How to perform short-circuit calculations. III 90941
Mercer, C. *see* Chen Lee 87449
Mercer, D.R. *see* Darveniza, M. 102276
Mercer, I. *see* Gratz, M. 101220
Mercer, M.R. *see* Chanhee Oh 93313
Mercer, M.R. *see* Williams, T.W. 74834
Mercer, R., Ebel, M., DeMara, R. Pipelined architecture for computational nanotechnology 61867
Mercer, T.W. *see* Thibado, P.M. 84005
Merchant, A., Melamed, B., Schenfeld, E., Sengupta, B. Analysis of a control mechanism for a variable speed processor 93400
Merchant, J.W. *see* Mora, F. 111319
Merchant, S. *see* Arnold, E. 105995
Merchant, T.P., Cole, J.V., Knutson, K.L., Hebb, J.P., Jensen, K.F. A systematic approach to simulating rapid thermal processing systems 74510
Merchant, T.P. *see* Jensen, K.F. 84548
Mercier, D. *see* Arnold, T. 70891
Mercier, G. *see* Madani, K. 102736
Mercier, L. *see* Bretelle, J.-L. 71104
Mercier, S.J. *see* Bishop, J.W. 113964
Mercier, T. *see* Pleumeekers, J.L. 88546
Merckel, G., Rolland, A. A compact CAD model for amorphous silicon thin film transistors simulation. I. DC analysis 84372
Merckel, G., Rolland, A. A compact CAD model for amorphous silicon thin film transistors simulation. II. Transient non-quasi-static analysis 84373
Merckel, G. *see* Dorval, D. 63679
Merckle, J. *see* Merlat, L. 62107
Merdrignac, O. *see* Benitez, J.J. 110266
Mere, A. *see* Valdna, V. 94352
Mere, R.P. Making information technology advances work for you: BPR and communication 87537
Mereanu, A., Modreanu, I., Nicolau, D. The protection, inspection, control, feeding installations of the thermohydraulic transformers 71396
Mereb, J. *see* Kamwa, I. 70703
Meredith, J. *see* Karpenko, V. 89695
Meredith, M.P. *see* Woodworth, P.L. 120809
Meredith, R.van.Z. *see* Butler, C.T. 70491
Meredith, W., Horsburgh, G., Brownlie, G.D., Prior, K.A., Cavenett, B.C., Rothwell, W., Dann, A.J. Microprobe Raman study of the variation of LO phonon frequency with the Cd concentration in the ternary compound Zn$_{1-x}$Cd$_x$Se 74171
Meredov, M.M. *see* Slobodchikov, S.V. 63166
Meredov, M.M. *see* Slobodchikov, S.V. 114682
Merel, P. *see* Tabbal, M. 104144
Merenda, J.L., Pierro, J., Clouse, R., Gunther, J., Fenniman, C. Low BER radio design for wireless local loop applications 68166
Merenkov, A.P. *see* Balyshev, O.A. 113716
Merenkov, A.P. *see* Kaganovich, B.M. 70633
Mereu, R.F. *see* Roy, B. 111078
Mereutza, A. *see* Syrbu, A. 65207
Mereutza, A.Z. *see* Smeu, E. 79747
Mereutza, A.Z. *see* Syrbu, A.V. 76041
Mergiel, J. Multimedia access networks 98896
Merhav, N. *see* Feder, M. 97544
Meriakri, V. *see* Murmuzhev, B. 104802
Meriakri, V.V., Nikitin, I.P., Chigryai, E.E. Monitoring the water content of media and materials with millimetre waves 110342
Meriaudeau, F., Renier, E., Truchetet, F. CCD technology applied to laser cladding 96862
Merica, R. *see* Prokop, J. 92890
Merida, J.C. *see* Fraile-Ordonez, J.M. 79053
Merideth, E.M., Williams, H.L. Educator's Electronic Toolbox: journey to a new level of literacy 98865
Meridith, J.W. *see* Deadrick, F.J. 100567
Merienne, F., Roudet, J. Power-control interaction in electronic static power converter 91609
Merienne, F., Roudet, J., Schanen, J.L. Switching disturbance due to source inductance for a power MOSFET: analysis and solutions 121716
Merino, J. *see* Moreno, L. 101351
Merino, J.M., Lopez, A. ABB Varspeed generator boosts efficiency and operating flexibility of hydropower plant 71180
Merino, L.R.M.M.D. *see* Zacatelco, L.H.C. 73068
Merkel, K.D., Babbitt, W.R. Compensation for homogeneous dephasing in coherent transient optical memories and processors 84944
Merkel, K.D., Babbitt, W.R. Optical coherent-transient true-time-delay regenerator 98083
Merkel, U. *see* Wurfl, J. 104885
Merkey, P. *see* Reschke, C. 109111
Merkle, R.C. Design considerations for an assembler 112872
Merkowitz, S. *see* Mauceli, E. 99874
Merkt, U. *see* Dieckmann, N. 75353
Merkt, U. *see* Schultz, M. 105313
Merkulov, I.A. *see* Stuehler, J. 74405
Merkushenkov, V.N. *see* Valuev, V.V. 96106
Merl, R. *see* Decker, G. 80150
Merl, R. *see* Kim, S.H. 89787
Merlat, L., Silvestre, N., Merckle, J. A Hindmarsh and Rose-based electronic burster 62107
Merle, E. *see* Eyharts, Ph. 89740
Merle, E. *see* Villate, D. 100594
Merle, P., Vandewalle, J.-J., Dufresne, E. Integration of heterogeneous environments: World Wide Web, a microprocessor card and CORBA 118407
Merle d'Aubigne, Y., Grieshaber, W., Cibert, J., Wasiela, A., Gaj, J.A. Interface and 2D magnetism in diluted magnetic semiconductor heterostructures 62800
Merle D'Aubigne, Y., Wasiela, A., Mariette, H., Shen, A. Coherence effects in large period multiple quantum wells: giant exciton oscillator strength at Bragg reflection 62859
Merlet, N., Zerubia, J. New prospects in line detection by dynamic programming 70541
Merlet, T., Dolfi, D., Huignard, J.-P. A travelling interference pattern photodetector for microwave signals 64938
Merlet, T., Dolfi, D., Huignard, J.-P. A traveling fringes photodetector for microwave signals 66761
Merli, M. *see* Benati, A. 121897
Merlin, R. *see* Kastrup, J. 62969
Merlo, M. *see* Arena, V. 90171
Merlos, A. *see* Carrabina, J. 74836
Merluzzi, P. *see* Dall'Oglio, G. 109843
Merluzzi, P. *see* Mandolesi, N. 99703
Merluzzi, P. *see* Smoot, G.F. 99702
Mermelstein, C., Sa'ar, A. Intersubband photocurrent from double barrier resonant tunneling structures 83921
Mermelstein, P., Kandala, S. Capacity estimates for mixed-rate traffic on the integrated wireless access network 87983
Mermelstein, P. *see* Ning Guo 68089
Mermelstein, P. *see* Ning Guo 87985
Merminga, L., Bisognano, J.J. Energy stability in a high average power FEL 100610
Merminga, L., Bisognano, J.J., Delayen, J.R. Energy stability in recirculating, energy-recovering linacs 96462
Merminga, L., Fugitt, J., Neil, G., Simrock, S. RF system modeling for the high average power FEL at CEBAF 100625
Merminga, L. *see* Benson, S.V. 96445

Merminga, L. *see* Benson, S.V. 107358
Merminga, L. *see* Dylla, H.F. 76067
Merminga, L. *see* Neuffer, D.V. 79877
Merminga, N., Irwin, J., Helm, R., Ruth, R.D. Collimation systems for a TeV linear collider 100770
Mermoux, M. *see* Le Normand, F. 92872
Merola, F. *see* Couprie, M.E. 107397
Merolla, J.-M. *see* Goedgebuer, J.-P. 88532
Meromi, A. *see* Pundak, N. 60638
Merono, J.M.Fernandez *see* Fernandez Merono, J.M.
Merrar, A. *see* Legros, E. 99562
Merrett, R.P., Buttery, S. Cordless technology in a mobile environment 99376
Merritt, B. *see* Drake, G. 68454
Merritt, D.R., Schmidt, C.L. Electrochemical impedance spectroscopy of lithium-manganese dioxide batteries 112189
Merritt, J.O. *see* CuQlock-Knopp, V.G. 89297
Merritt, S.A. *see* Vusirikala, V. 96382
Merritt, S.W., Drake, G.W., Rodino, V.D. Recent advances in high dynamic range environmentally ruggedized microwave fiber optic links 119153
Merritt, S.W., McBrien, G.J., Yates, E.R. Integrated optic modulator for distribution of broadband video, data, and voice signals 88481
Merron, J., Brady, M. Isotropic gradient estimation 86435
Merry, M.S., Baker, J.W. Constant time algorithm for computing the Hough transform on a reconfigurable mesh 97877
Merryman, S.L. *see* Spyker, R.L. 62382
Mersali, B. *see* Dorgeuille, F. 99532
Mersali, B. *see* Sigogne, D. 88601
Merschel, F. *see* Klockhaus, H. 81082
Mersereau, R.M. *see* Al-Shaykh, O.K. 90395
Mersereau, R.M. *see* Bayrakeri, S.D. 86589
Mersereau, R.M. *see* Linares, I. 70436
Merta, I. *see* Jodlowski, L. 106893
Merta, I. *see* Szustakowski, M. 84751
Merta, I. *see* Szustakowski, M. 85162
Merte, R. *see* Janicke, L. 95336
Mertens, K., Opitz, B., Hovel, R., Kohl, A., Heime, K., Schmitt, H.J. Ultrashort passive TE-/TM-converter based on InP 95776
Mertens, K. *see* Opitz, B. 94558
Mertens, M. The short circuit and overcurrent capacity of electromagnetic switching relays 114368
Mertens, P.W. *see* Depas, M. 95176
Mertens, R., De Weerdt, R., Pahner, U., Hameyer, K., Belmans, R. Force calculation based on a local solution of Laplace's equation 107709
Mertens, R., Henneberger, S., Hameyer, K., Belmans, R. Analysis of magnetic rollers with the finite element method 65737
Mertens, R. *see* Hameyer, K. 81101
Mertens, R. *see* Hameyer, K. 102193
Mertens, R. *see* Nijs, J. 103004
Mertens, R. *see* Roca, E. 63568
Mertens, R. *see* Roca, E. 69141
Mertens, R. *see* Szlufcik, J. 112416
Mertens, R. *see* Van Gerwen, P. 89066
Mertens, R.P. *see* Jain, S.C. 83953
Mertens, S. Exhaustive search for low-autocorrelation binary sequences 108099
Mertens, V. *see* Balhan, B. 79967
Mertin, M., Offenberg, D., An, C.W., Wesner, D.A., Kreutz, E.W. Pulsed laser deposition of electroceramic thin films 92925
Mertin, M. *see* Wesner, D.A. 94103
Mertin, W. Two-dimensional field mapping of monolithic microwave integrated circuits using electro-optic sampling techniques 104861
Mertin, W. *see* Bohm, C. 93891
Mertler, G. *see* Albers, D. 69756
Mertol, A. Thermal performance comparison of high pin count cavity-up enhanced plastic ball grid array (EPBGA) packages 60618
Merton, C. *see* Prokscha, R. 119843
Meruva, R.K. *see* Hower, R.W. 115385
Mervart, L. *see* Beutler, G. 68323
Mervinski, R.I., Kityk, I.V., Makowska-Janusik, M., Straube, J. Photoinduced nonlinear optical phenomena in oligoetheracrylate photopolymers 76239
Mervins'kyi, R.I. *see* Gudzovs'ka, L.O. 106758
Merwe, D.G.Van Der *see* Van Der Merwe, D.G.
Merwe, E.F.Van Der *see* Van Der Merwe, E.F.
Merwe, F.S.Van Der *see* Van Der Merwe, F.S.
Merwe, I.van der *see* van der Merwe, I.
Merz, J.L. *see* Ferreira, A.C. 62963
Merz, J.L. *see* Ferreira, A.C. 105400
Merz, J.L. *see* Floyd, P.D. 65317
Merz, J.L. *see* Holtz, P.O. 62743
Merz, J.L. *see* Itaya, K. 65220
Merz, J.l. *see* Johnson, J.L. 95985
Merz, J.L. *see* Ngo, T.T. 61289
Merz, J.L. *see* Weman, H. 62866
Merz, J.L. *see* Weman, H. 62915
Merz, J.L. *see* Yoshii, S. 65264
Merz, P. *see* Freisleben, B. 92556
Merz, W., Flood, R., Martin, E.J., O'Sullivan, M. Early operating and reliability experience with the CEBAF DC magnet power supplies 102856
Merzbacher, C.I., Kersey, A.D., Friebele, E.J. Fiber optic sensors in concrete structures: a review 69201
Merzlyakov, S.I., Strekalovsky, O.V., Tsurin, I.P. A subnanosecond four-channel KA-251 M time-to-number converter 69861
Merzlyakov, S.I. *see* Bystritsky, V.M. 90137
Merzouk, S., Winkler, C., Paul, J.C. Partitioning and parallel radiosity 67019
Mes, I. *see* Gillingham, P. 73395
Mes, J. *see* Por, P.T. 106561
Mesa, F., Marques, R. Low frequency leaky regime in covered multilayered striplines 107983
Mesa, F. *see* Di Nallo, C. 85933
Mesaki, M. *see* Tatematsu, Y. 122092
Mesaki, Y., Sotokawa, A., Tanaka, A., Tomatsu, M., Kaiwa, K., Yuza, H., Kato, M. New backlighting technologies for LCDs 89294
Mesarch, M.A. *see* Middleton, E.M. 120908
Mesarovi, V.Z., Galatsanos, N.P., Wernick, M.N. Sinogram restoration from partially-known blur for tomographic reconstruction 101172
Meschanov, V.P., Rasukova, I.A., Tupikin, V.D. Stepped transformers on TEM-transmission lines 76505
Mescher, M.J. *see* Kazimierczuk, M.K. 102872
Mescher, P. *see* Marrs, R. 92226
Mescherskiy, A.N. *see* Johnson, R.O. 107459
Meschini, M. *see* Arefiev, A. 69787
Meschini, M. *see* Arefiev, A. 100805
Mese, E.Dalle *see* Dalle Mese, E.
Mese, M., Sako, H., Miyatake, T., Ejiri, M., Ueda, H. Direction-invariant methodology for bill pattern recognition 98167
Mesecke-von Rheinbaben, I., Roggan, A., Mollenhauer, I., Muller, G., Boenick, U. Development of a measuring set-up to determine the light distribution of scattering dome applicators for interstitial laser treatment 80433
Meseguer, F. *see* Aparisi, A. 62763
Meseguer, J. *see* Degano, P. 118115
Mesenzhnik, Ya.Z., Tareyev, B.M., Prut, L.Ya. Reliability evaluation of electrical insulation in submersible installations of electrically driven centrifugal oil pumps 103205
Mesenzhnik, Ya.Z. *see* Gnedin, A.A. 71238
Meservey, R. *see* Moodera, J.S. 94635
Mesh, M. *see* Eran, Y. 67951
Meshchanov, G.I. *see* Gnedin, A.A. 71238
Meshcherov, R. *see* Glazov, A. 90098
Meshcheryakov, N.A. *see* Gritskevich, O.V. 85784
Meshcheryakova, A.L. *see* Zhirnov, V.V. 73939
Meshcheryakova, A.L. *see* Zhirnov, V.V. 83703
Meshkat, S. Advanced DSP motion control systems. I. Self-tuning techniques 71741
Meshkat, S. Advanced DSP motion control systems. II. Industrial drive control 81934
Meshkov, I., Skrinsky, A. Antihydrogen beam generation using storage rings 120042
Meshkov, I.N. Experimental studies of antihydrogen in flight 110535
Meshman, A.P. *see* Sysoeva, E.P. 100889
Mesiar, R. Differences on [0,1] 60832
Mesiar, R. *see* Klement, E.P. 82423
Mesli, A. *see* Priolo, F. 94710
Mesli, A. *see* Simon, L. 94664
Meson, T. *see* Kawakubo, T. 100547
Mesquida, A. *see* Behet, M. 61279
Mesquida, G. Active optoelectronic components for optical access 78252
Mesquita, A. *see* Pirmez, L. 113827
Mesquita, A.C.de *see* de Mesquita, A.C.
Mesquita, R.C. *see* Rocha, L.F.N. 65643
Mesrine, M., Massies, J., Deparis, C., Grandjean, N., Vanelle, E. Real-time investigation of in surface segregation in chemical beam epitaxy of $In_{0.5}Ga_{0.5}P$ on GaAs(001) 72805
Messaddeq, Y. *see* Catunda, T. 106745
Messaoudi, R., Younsi, A., Massines, F., Despax, B., Mayoux, C. Influence of humidity on current waveform and light emission of a low-frequency discharge controlled by a dielectric barrier 115408
Messenger, S.R., Cotal, H.L., Walters, R.J., Summers, G.P. Proton damage on InGaAs solar cells having a 3 μm InP window layer 103032
Messenger, S.R. *see* Summers, G.P. 71711
Messenger, S.R. *see* Walters, R.J. 71710
Messenger, S.R. *see* Walters, R.J. 81910
Messenger, S.R. *see* Waltersa, R.J. 121891
Messer, H., Singal, G., Bialy, L. On the achievable DF accuracy of two kinds of active interferometers 97676
Messer, H. *see* Galin, L. 117498
Messer, H. *see* Tabrakian, J. 97717
Messerli, V. *see* Gennart, B.A. 68854
Messerschmidt, B. *see* Goering, R. 107429
Messerschmidt, B. *see* Singer, W. 69532
Messerschmitt, D.G. The convergence of telecommunications and computing: what are the implications today? 98524
Messerschmitt, D.G. *see* Barry, J.R. 77568
Messerschmitt, D.G. *see* Han, R.Y. 87407
Messham, R.L. *see* Adam, J.D. 83307
Messham, R.L. *see* Sinharoy, S. 82609
Messham, R.L. *see* Sriram, S. 62235
Messica, A., Greenstein, A., Katzir, A. Theory of fiber-optic, evanescent-wave spectroscopy and sensors 69213
Messica, A., Meirav, I., Shtrikman, H., Umansky, V., Mahalu, D. Bistability and dynamic depopulation in transport through a system of weakly coupled quantum wires 105397
Messick, C. *see* Chaparala, P. 64060
Messick, C. *see* Chaparala, P. 95254
Messick, C. *see* Martin, A. 63756
Messick, C. *see* Schlund, B. 63178
Messick, C. *see* Schlund, B. 94631
Messick, C. *see* Schlund, B.J. 115407
Messick, C. *see* Sik-Han Soh 64062
Messier, R. *see* Lee, J. 104145
Messina, B. *see* Ziegler, J.F. 72394
Messina, G. *see* Doria, A. 96449
Messina, G. *see* Yovchev, I.G. 105025
Messina, M. *see* Di Capua, E. 110598
Messina, S., Raja, P. Replication issues in the MAP/MMS communication environment 98732
Messina, S. *see* Fuhrman, C.P. 67764
Messmer, B.T., Bunke, H. Automatic learning and recognition of graphical symbols in engineering drawings 67486
Messmer, B.T., Bunke, H. Subgraph isomorphism detection in polynomial time on preprocessed model graphs 86820
Messmer, D. Texas Instruments digital hardware for advanced audio signal processing 113989
Messmer, P. Swiss Federal Railways' mobile phone strategy 118832
Messner, R.A., Bloomfield, J. A modular advanced pipeline image processing accelerator 86719
Messner, S., Golodnikov, A., Gritsevskii, A. A stochastic version of the dynamic linear programming model MESSAGE III 91258
Messner, S. *see* Freygang, M. 63985
Messner, W. *see* Kryder, M.H. 64421
Messner, W.C. *see* Sacks, A.H. 64407
Messoussi, R., Verhaverbeke, S., Yabune, T., Nose, M., Ohmi, T. Improvement of rinsing efficiency after sulfuric acid hydrogen peroxide mixture (H_2SO_4/H_2O_2) by HF addition 63340
Mestas, J.L. *see* Broyer, P. 120509
Mestdagh, D. *see* van de Voorde, I. 88579
Mestdagh, D.J.G., Martin, C.M. The super-PON concept and its technical challenges 109673
Mestdagh, D.J.G., Spruyt, P.M.P. A method to reduce the probability of clipping in DMT-based transceivers 117919
Meste, O., Rix, H. Jitter statistics estimation in alignment processes 97733
Mester, R. *see* Hotter, M. 86624
Mestre, G.Le *see* Le Mestre, G.
Mestre, M. Least squares best fit using linear prediction for engineering surfaces metrology 110368
Mestres, N. *see* Alsina, F. 72795
Mestrovic, K. Capacitive current switching 71566
Mesyura, V. *see* Baida, N. 104284
Mesyura, V. *see* Baida, N. 113643
Meszaros, T. *see* Dobrowiecki, T.P. 119555
Meta, C.E. *see* Pan, X. 101284
Metafas, D.E., Karathanasis, H.C., Blionas, S.V. Industrial approach in design methodologies for mobile communications systems 78539
Metafune, G. *see* Campiti, M. 72699
Metag, V. *see* Novotny, R. 80047
Metag, V. *see* Novotny, R. 100842
Metangbu, J.-P. *see* Shelukhin, O.I. 68834
Metaweh, M.Adel *see* Adel Metaweh, M.
Metaxas, A.C. *see* Dibben, D.C. 97272
Metaxas, A.C. *see* Dibben, D.C. 104792
Metaxas, D., Kakadiaris, I.A. Elastically adaptive deformable models [computer vision] 67310
Metaxas, D. *see* DeCarlo, D. 66938
Metaxas, D. *see* DeCarlo, D. 86387
Metaxas, D. *see* DeCarlo, D. 117890
Metaxas, D. *see* Jinah Park 80266
Metaxas, D. *see* Kakadiaris, I.A. 86373
Metaxas, D.N. *see* Badler, N.I. 80164
Metaxas, R. *see* Dibben, D.C. 62192
Metcalf, D. *see* Duran, G. 112402
Metcalfe, I.S. *see* Baker, R.T. 81830
Metcalfe, P.E. *see* Butson, M.J. 80511
Metev, B. MOLP problem analysis–sensitivity with respect to the reference point 82477
Metghalchi, M., Natarajan, B. Application of a two-dimensional laser Doppler velocimetry system in an undergraduate fluid mechanics course 60473
Meth, C. It's not your father's television anymore 99741
Meth, R. *see* Chellappa, R. 66872
Metha, A.B., Mullen, K.T. Temporal mechanisms underlying flicker detection and identification for red-green and achromatic stimuli 117626
Metha, R. *see* Bhattacharyya, A.B. 74842
Methasiri, T. *see* Tang, I.M. 95354
Metherall, P., Barber, D.C., Smallwood, R.H., Brown, B.H. Three-dimensional electrical impedance tomography 101366
Metherall, P., Dymond, E.A., Gravill, N. Posture control using electrical stimulation biofeedback: a pilot study 101404
Metheringham, W.J. *see* Dyer, P.E. 92926
Methfessel, M. *see* Rucker, H. 61213
Metin, S. *see* Bland, A.C. 75204
Metivier, G., Ali, M.A., Ahmed, S. Simulation of multi-channel AM-VSB CATV lightwave system employing semiconductor optical amplifier as an external modulator 68445
Metra, C., Favalli, M., Ricco, B. Embedded two-rail checkers with on-line testing ability 104422
Metref, A. *see* Abbes, M. 90145
Metsch, B. *see* Albers, D. 69756
Metsu, P. RTL-to-silicon floorplanning for ASIC/IC designs 73273
Mettala, E., Harbison, K., Hufnagel, S. Scenario-based engineering process for reconnaissance, surveillance, and target acquisition 80722
Metter, R.L.Van *see* Van Metter, R.L.

Metter, R.Van *see* Van Metter, R.
Metters, L. *see* Southgate, D. 102299
Mettler, S.C. *see* Davis, D.D. 106786
Metusala, T. *see* Annus, A. 102211
Metwally, H.H.B. *see* Anis, W.R. 122091
Metwally, I. *see* Haddad, A. 81168
Metwally, I.A. Characterization of static electrification in power transformers 71377
Metwally, I.A. Factors affecting corona on twin-point gaps under dc and ac HV 115409
Metwaly, H.M.B., Anis, W.R. Performance analysis of PV pumping systems using switched reluctance motor drives 121400
Metz, C.E. *see* de Vries, D.J. 101319
Metz, C.E. *see* Kobayashi, T. 101235
Metz, C.E. *see* Pan, X. 80228
Metz, C.E. *see* Pan, X. 101328
Metz, D., Arnold, N., Schlabbach, J. Power system simulation for operational training in medium voltage systems 101768
Metz, H. *see* Cheng, J. 114518
Metz, H. *see* Lawson, W. 100481
Metz, H. *see* Lawson, W. 105055
Metz, M. *see* Aouda, N. 114372
Metz, M.H. *see* Coleman, Z.A. 96820
Metzdorf, J. *see* Harms, U. 121892
Metzdorf, J. *see* Sperfeld, P. 88892
Metze, G., Calcatera, M., Eppers, C., Neidhard, B., Whalen, J. Modulated S-parameter measurements for isothermal microwave device characterization 114291
Metzger, D., Loppnow, A., Owzar, A., Reichl, H. High frequency characterization of laser-CVD deposited aluminum lines 114330
Metzger, J.D. *see* Howe, S.D. 80339
Metzger, K. Famos 3.0–the further development of the measurement technology pocket computer 88919
Metzger, K., Valentin, R. Intersymbol interference due to linear and nonlinear distortion 85900
Metzger, M. *see* Freisleben, B. 87120
Metzger, M.R. *see* Miyazaki, S. 100136
Metzger, R. *see* Fujiwara, H. 75132
Metzger, R.D. *see* Nishioka, K. 115539
Metzger, S. *see* Liscka, H. 107017
Metzger, T.H. *see* Binder, M. 94257
Metzger, T.H. *see* Zolotoyabko, E. 75512
Metzler, B., Miloucheva, I. Design and implementation of flexible user protocol interface 98455
Metzmacher, K. *see* Blas, F. 79935
Metzner, C. *see* Schonhut, J. 63078
Metzner, G. *see* Brauninger, H. 90702
Metzner, H., Dzionk, C., Hessler, S., Mahnke, H.E., Luck, I., Scheer, R., Lewerenz, H.J., Gossla, M., Hahn, T. Nuclear probes in the materials science of solar cells 71713
Metzner, H., Hahn, T., Bremer, J.-H., Conrad, J. Epitaxial growth of $CuInS_2$ on sulphur terminated Si(111) 104011
Metzner, J.J. Majority-logic-like decoding of vector symbols 117235
Metzner, J.J. *see* Jamoussi, B.N. 109026
Meucci, R. *see* Stanghini, M. 75815
Meulebroeke, F.Van De *see* Van De Meulebroeke, F.
Meuleman, L., Heens, B., Froidure, J.C., Blondel, M. Influence of the laser linewidth on stimulated Brillouin scattering in a CATV experiment 68452
Meulenberg, A. Space radiation environment and testing 80549
Meulenkamp, E.A. *see* Peter, L.M. 94270
Meuli, W.P. *see* Martin, R.A. 110298
Meunier, B. *see* Kitamura, M. 95384
Meunier, G. *see* Benbouzid, M.E.H. 71354
Meunier, G. *see* Body, C. 95337
Meunier, G. *see* Body, C. 106636
Meunier, G. *see* Dreher, T. 71249
Meunier, G. *see* El Ouazzani, Y. 65639
Meunier, G. *see* Eustache, P. 65645
Meunier, G. *see* Guerin, C. 71387
Meunier, G. *see* Guerin, C. 107767
Meunier, G. *see* Labbe, N. 71845
Meunier, G. *see* Labbe, N. 107833
Meunier, G. *see* Luong, H.T. 107784
Meunier, G. *see* Marechal, Y. 107775
Meunier, G. *see* Nekhoul, B. 70988
Meunier, G. *see* Silva, V.C. 71286
Meunier, J.-P. *see* Hosain, S.I. 64756
Meunier, M. *see* Assef, Y. 121138
Meunier, M. *see* Chaari, O. 102235
Meunier, M. *see* Chaari, O. 111594
Meunier, M. *see* Ferracci, P. 111588
Meunier, M. *see* Izquierdo, R. 92927
Meunier, M. *see* Mocanu, I. 111593
Meunier, P. *see* Gatti, F. 90159
Meunier, Ph. *see* Billonnet, L. 62306
Meunier, Ph. *see* Brucher, A. 104882
Meur, J.Le *see* Le Meur, J.
Meuris, B., Staelens, B., Zhou, J., Vandewege, J., Koning, O.J., Brinkman, R.J., Venemans, P.H.A. Implementation of a control network and wavelength management system within the physical layer of a coherent multi-carrier network 88476
Meuris, C. *see* Bruzzone, P. 95559
Meurs, R.Van *see* Van Meurs, R.
Meusel, E. *see* Fritzsche, H. 114459
Meusel, P. *see* Liu, H. 99908
Meuth, H. *see* Ausset, P. 100679
Meuzelaar, H.L.C. *see* Jakab, E. 110433
Meva'a, C., Oustric, M., Viktorovitch, P., Letartre, X., Gendry, M., Hollinger, G., Bearzi, E., Benyattou, T., Guillot, G., Marty, O., Pitaval, M., Harmand, J.C., Quillec, M. On the origin of the semi-insulating behaviour of low-temperature $In_{0.52}Al_{0.48}As$ grown by molecular beam epitaxy 94371
Mevel, F., Simon, J. Distributed communication services in the Masix system 109056
Mevel, Y. *see* Malki, A. 78663
Mevellec, C., Burleigh, T.D., Shanbhag, A.S. Corrosion in modular femoral hip prostheses: a study of 22 retrieved implants 70228
Mewaldt, R. *see* Allbritton, G.L. 80079
Mewaldt, R. *see* Allbritton, G.L. 100826
Mewes, H. *see* Fischer, J.-G. 90411
Mews, A., Kadavanich, A.V., Banin, U., Alivisatos, A.P. Structural and spectroscopic investigations of CdS/HgS/CdS quantum-dot quantum wells 72797
Mey, G.De *see* De Mey, G.
Meyer, A.S., Dwolatzky, B., West, N. The use of benchmarking techniques for evaluating township reticulation systems 121134
Meyer, A.S. *see* Apostolellis, J. 102082
Meyer, A.S. *see* Levitt, S.P. 102083
Meyer, A.S. *see* Patricios, M.P. 102085
Meyer, A.S. *see* Rohde, M.A. 91466
Meyer, A.S. *see* Rohde, M.A. 102699
Meyer, A.S. *see* Tumazos, S.C.J. 102084
Meyer, B., El-Sharkawy, M. Compression of stereoscopic images using pyramid and prune DCT encoding 86595
Meyer, B., Muller, V. A public key cryptosystem based on elliptic curves over Z/nZ equivalent to factoring 86067
Meyer, B. *see* Logeay, Y. 90997
Meyer, B.K., Stadler, W. Native defect identification in II-VI materials 94346
Meyer, B.K. *see* Drechsler, M. 74372
Meyer, B.K. *see* Hoffmann, A. 74210
Meyer, B.K. *see* Kowalski, B. 114744
Meyer, B.U. *see* Bischoff, C. 90465
Meyer, C., Reilly, M. Realization of the ITS-90 at the NIST in the range 0.65 K to 5.0 K using ^{3}He and ^{4}He vapour-pressure thermometry 119935
Meyer, C.D. *see* Benzi, M. 113212
Meyer, D. *see* Hergenroder, H. 121399
Meyer, D. *see* Kuo, D. 115754
Meyer, E. *see* Gutmannsbauer, W. 112996
Meyer, F. *see* Berroth, M. 80846
Meyer, F. *see* Mamor, M. 115137
Meyer, F.G., Constable, R.T., Sinusas, A.J., Duncan, J.S. Dense nonrigid motion tracking from a sequence of velocity fields 86462
Meyer, F.G., Constable, R.T., Sinusas, A.J., Duncan, J.S. Tracking myocardial deformation using phase contrast MR velocity fields: a stochastic approach 101188
Meyer, F.J.C., Davidson, D.B. A posteriori error estimates for two-dimensional electromagnetic field computations: boundary elements and finite elements 96878
Meyer, F.J.C., Davidson, D.B. Error estimates for the two-dimensional finite element/boundary element method in electromagnetics 116861
Meyer, H. *see* Hulsmann, T. 63505
Meyer, H. *see* Suzuki, H. 75763
Meyer, H. *see* Wunsche, M. 61318
Meyer, H.-G. *see* Schambach, J. 95508
Meyer, H.-J. *see* Lehmann, D. 121258
Meyer, H.-L. *see* Barbier, C.E. 103112
Meyer, H.De *see* De Meyer, H.
Meyer, H.O. On the polarization of a stored beam 119988
Meyer, H.O. *see* Horowitz, C.J. 119975
Meyer, H.O. *see* Wise, T. 120082
Meyer, H.U. An integrated capacitive position sensor 69057
Meyer, J. *see* Chung, Y. 100613
Meyer, J. *see* Kraus, M. 118643
Meyer, J.A. *see* Kirmse, K.H.R. 63333
Meyer, J.E. *see* Gronowski, P.E. 73468
Meyer, J.F. *see* Tseng, J.-L. 108771
Meyer, J.M. *see* Agnew, P.W. 98864
Meyer, J.R., Hoffman, C.A., Bartoli, F.J., Ram-Mohan, L.R., Dente, G.C., Tilton, M.L., Prairie, M.W. Four-constituent Type-II quantum-well laser for wavelengths beyond 3 µm 65259
Meyer, J.R., Hoffman, C.A., Golding, T.D., Zborowski, J.T., Vigliante, A. High-speed electronic devices based on the integration of Sb with InAs/GaSb/AlSb-family heterostructures 63108
Meyer, J.R. *see* Hoffman, C.A. 74434
Meyer, J.R. *see* Malin, J.I. 65334
Meyer, J.R. *see* Malin, J.I. 96263
Meyer, J.R. *see* Malin, J.I. 96405
Meyer, J.R. *see* Vurgaftman, I. 96640
Meyer, J.R. *see* Vurgaftman, I. 116739
Meyer, K.E. *see* Gammage, R.B. 110964
Meyer, M. Increased energy feedback of regenerative braking of Swiss high performance locomotives 112558
Meyer, M., Aeberhard, M., Ruegg, R. Influence of inverter design and control on the energy consumption of electric locomotives 122043
Meyer, M., Hotter, M., Ohmacht, T. A new system for video-based detection of moving objects and its integration into digital networks 117876
Meyer, O.de *see* de Meyer, O.
Meyer, P. Solving the microstrip step discontinuity with a combined mode-matching and method-of-lines procedure 116981
Meyer, P. *see* Groot Koerkamp, M. 75172
Meyer, P. *see* Van Niekerk, C. 63789
Meyer, P. *see* van Zyl, J.E. 100288
Meyer, R., Dahl, M., Schaack, G., Waag, A., Boehler, R. Magneto-optical study of the exchange interaction in (Cd,Mn)Te under high hydrostatic pressure 74404
Meyer, R. *see* Aberle, A.G. 91735
Meyer, R. *see* Kern, R. 113002
Meyer, R. *see* Wolke, S. 70266
Meyer, R.D. *see* Tamarapalli, J.R. 70175
Meyer, R.G., Mack, W.D. Monolithic AGC loop for a 160 Mb/s transimpedance amplifier 104362
Meyer, R.G. *see* Gharpurey, R. 63883
Meyer, S. *see* Chan, A. 89594
Meyer, S.S. *see* Kowitt, M.S. 99705
Meyer, S.S. *see* Kowitt, M.S. 119668
Meyer, T. *see* Sirringhaus, H. 83987
Meyer, U. *see* Albayrak, S. 87559
Meyer, V.M., Keller, B. A new heat flux sensor: from microvolts to millivolts 88998
Meyer, W. Present status of polarized solid targets 120103
Meyer, W. *see* Cimrova, V. 116274
Meyer, W. *see* Dutz, H. 120108
Meyer, W. *see* Seawright, A. 113671
Meyer, W.H. *see* Weiss, S. 85677
Meyer, W.T. An IEEE standard for waveform recorders 100953
Meyer, W.T. *see* Crawley, H.B. 93528
Meyer, Y.H. *see* Hung, N.D. 65055
Meyer auf der Heide, F. *see* Cypher, R. 98508
Meyer auf der Heide, F. *see* Grigoriev, D. 92461
Meyer-Hilberg, J., Jacob, T. Accuracy, integrity and continuity of function of an automatic landing system using DGPS/IMU system integration 88756
Meyer-Ter-Vehn, J. *see* Hofmann, I. 69647
Meyere, A.De *see* De Meyere, A.
Meyerhofer, D. *see* Burstyn, H.C. 89424
Meyerhofer, D. *see* Tatchyn, R. 96526
Meyerhofer, D.D. *see* Kwok, P. 89918
Meyerhoff, M.E. *see* Hower, R.W. 115385
Meyerhoff, M.E. *see* Malinowska, E. 119644
Meyers, D.B. *see* Plies, J.B. 70346
Meyers, J. Has CDPD found its legs? [wireless data technology] 68051
Meyers, S.P. *see* Totterman, S.M.S. 80364
Meyers, T. *see* Paulson, C.C. 89598
Meyers, W.J. *see* Kawecki, T.G. 95614
Meyerson, B. *see* Case, M. 62088
Meyerson, B. *see* Case, M. 83500
Meyerson, B. *see* Glenn, J. 62345
Meyerson, B. *see* Larson, L. 73786
Meyerson, B.S. *see* Arafa, M. 63780
Meyerson, B.S. *see* Arafa, M. 106069
Meyerson, B.S. *see* Dunford, R.B. 105287
Meyerson, B.S. *see* Nguyen-Ngoc, D. 63964
Meyerson, B.S. *see* Nguyen-Ngoc, D. 115373
Meyerstein, D. *see* Pribush, A. 70114
Meyerstein, N. *see* Pribush, A. 70114
Meykens, K., Nesladek, M., Quaeyhaegens, C., Stals, L.M., Vanecek, M., Rosa, J., Janssen, G., Schermer, J.J. Optical absorption and cathodoluminescence in homoepitaxially grown CVD diamond films 92741
Meykens, K. *see* Nesladek, M. 94693
Meylani, R., Ciliz, K. Color vector quantization by competitive learning 66905
Meyler, B. *see* Nathan, M. 115132
Meyn, S.P. *see* Down, D. 60799
Meynants, G., Dierickx, B., Scheffer, D., Krymsky, A. Sensor for optical flow measurement based on differencing in space and time 98272
Meyne, C. *see* Knorr, K. 103907
Meyne, C. *see* Zorn, M. 105147
Meyr, H. *see* Dawid, H. 86115
Meyr, H. *see* Joeressen, O.J. 86116
Meyr, H. *see* Joeressen, O.J. 93453
Meyr, H. *see* Ritz, S. 93448
Meyr, H. *see* Ritz, S. 99152
Meyr, H. *see* Zivojnovic, V. 82876
Meyr, M. *see* Zivojnovic, V. 93449
Meyrowitz, A.L., Blidberg, D.R., Michelson, R.C. Autonomous vehicles 103100
Meyrueis, P. *see* Eckerle, M. 95741
Meyrueis, P. *see* Kress, B. 95915
Meyrueis, P. *see* Mechahougui, S. 75421
Meyrueis, P. *see* Ramenah, H.K. 75422
Meys, B., Hedia, H., Robert, F., Genon, A., Legros, W. Analysis of a loaded cavity by a coupled microwave-thermal F.E. approach 107979
Meys, B. *see* Henrotte, F. 61124
Meyssen, V.M.H., Velghe, R.M.D.A., Montree, A.H. Optimized scaled LOCOS isolation scheme for 0.25 µm CMOS 84172
Meyssen, V.M.H. *see* Montree, A.H. 63916
Meyssen, V.M.H. *see* Paulzen, G.M. 84680
Meyyapan, M., Economou, D.J., Butler, S.W. *(editors)* Proceedings of the Symposium on Process Control, Diagnostics, and Modeling in Semiconductor Manufacturing 60346
Meyyappan, A., Isakson, S., Mendoza-Santoyo, F., Duarte, R.A., Sahagun, L.R., Wade, G. Detection systems for scanning laser tomoholographic acoustic microscopy 90869

Meyyappan, M., De Jong, F., Govindan, T.R., Buggeln, R. Process models for process control in semiconductor processing 63891

Meyyappan, M. *see* Buggeln, R.C. 103834

Meyzaud, Y., Boudot, R. Choice of the materials of PWR nuclear steam generators 121320

Meyzaud, Y., Soulat, P. In-service ageing of the materials of PWR nuclear steam generators 121319

Meza-Montes, L., Carrillo, J.L., Rodriguez, M.A. Tunneling phenomena from non-equilibrium carrier distributions in semiconductor heterostructures 94483

Meza-Montes, L. *see* Gurevich, Yu.G. 114716

Mezaroba, M. *see* Martins, D.C. 121499

Mezher, K.A. *see* Bowron, P. 62010

Mezher, K.A. *see* Tellez, J.R. 74758

Mezhoud, A., Dufourd, J.-C., Darbel, N. Performance-driven interconnection optimization based on constraint programming 95112

Mezi, L. *see* Bulfone, D. 76053

Mezi, L. *see* Giannessi, L. 96509

Mezi, L. *see* Walker, R.P. 96521

Meziane, A. *see* Aboutajdine, D. 97782

Meziane, B. Inhomogeneously broadened laser modeling: strategies and validity of low-dimensional formulations of the Maxwell-Bloch equations 85356

Meziane, B. *see* Chartier, T. 65064

Meziane, B. *see* Ikezouhene, M. 85399

Meznar, L.Z., Zumer, M., Nemanic, V. Centrifugal settling of high-resolution 1-in. CRT screens 89400

Meznar, L.Z. *see* Nemanic, V. 89401

Mezs, P.A. *see* Julian, A. 71421

Mezzanotte, P., Pompei, G., Roselli, L., Sorrentino, R. FD-TD analysis of coplanar waveguide to slotline transitions accounting for air-bridge, shielding effects and coaxial connectors 73624

Mezzanotte, P., Roselli, L., Sorrentino, R., Guglielmi, R. Simulation of cylindrical cavities by an advanced FDTD algorithm 116959

Mezzanotte, P. *see* Alimenti, F. 93758

Mezzanotte, P. *see* Alimenti, F. 97269

Mezzanotte, P. *see* Ciampolini, A. 116961

Mezzanotte, P. *see* Ciampolini, P. 113818

Mezzanotte, P. *see* Heinrich, W. 107985

Mezzanotte, P. *see* Matteucci, M. 93060

Mezzetti, F. *see* Caricchi, F. 103109

Mezzetti, F. *see* Solero, L. 121415

Mezzetto, M. *see* Autiero, D. 69815

Mezzetto, M. *see* Autiero, D. 80006

Mfonkeu, G., Poloujadoff, M. Comparison of PI and fuzzy controllers in the case of some asynchronous railways drives 91914

Mguyen, T.Q. *see* Afonso, V.X. 70140

Mhango, L.M.C., Perryman, R. Development of high power density brushless DC machine with NdFeB magnet for aircraft cargo handling drive systems 90722

Mhango, L.M.C., Perryman, R. An overview of impact of NdFeB magnets on brushless DC machines for future aerospace low power drives 101473

Mi, X. *see* Daohua, X. 73824

Mi, X. *see* Fu, P. 96618

Mi Jian *see* Jian Mi

Mi Jie *see* Jie Mi

Mi Kyung Lee *see* Suh, K.S. 111602

Mi Lu, Xiangzhen Qiao, Guanrong Chen A parallel algorithm for evaluating general linear recurrence equations 97766

Mi Lu *see* Hua Lin 72626

Mi Lu *see* Jiming Yin 109993

Mi Sun Do *see* Byung Chun Jeon 78293

Mi Sun Do *see* Byung Chun Jeon 98720

Mi Yanming *see* Yanming Mi

Mi Yun Jeong *see* Tong Kun Lim 85618

Mi Zhengkun *see* Hong Jun 118731

Mi-Chang Chang *see* Amerasekera, A. 95031

Miae Woo *see* Baqai, S. 109212

Miah, A. *see* Bjorkman, N. 77611

Miah, A. *see* Bjorkman, N. 77656

Miah, A. *see* Bjorkman, N. 118047

Miah, T. Multimedia conferencing architecture and user interfaces for collaborative environment 67889

Miake, Y. Time of flight techniques in high energy heavy ion experiments 120157

Mialhe, P. *see* Bendada, E. 84384

Mialhe, P. *see* Bendada, E. 106022

Mialhe, P. *see* Bendada, M. 74736

Mian, G.A. *see* Cortelazzo, G. 67029

Mian, S.M., Taheri, B., Wicksted, J.P. Effects of beam ellipticity on Z-scan measurements 65414

Mian Guo *see* Guo Mian

Mian Zhang *see* Kaisheng Hu 84493

Miano, G., Panariello, G., Vaccaro, V.G., Verolino, L. A new method to compute the capacitance of the circular patch resonator 104789

Miano, G., Serpico, C., Verolino, L., Villone, F. Numerical solution of the Maxwell equations in nonlinear media 65788

Miano, G., Serpico, C., Visone, C. A new model of magnetic hysteresis, based on stop hysterons: an application to the magnetic field diffusion 64280

Miano, G., Verolino, L., Vaccaro, V.G. A new numerical treatment for Pocklington's integral equation 66075

Miano, G., Verolino, L., Vaccaro, V.G. Time domain analysis of a charged particle travelling along the axis of a circular waveguide 76334

Miano, G., Verolino, L., Vaccaro, V.G. A hybrid procedure to solve Hallen's problem 108030

Miano, G. *see* Corti, L. 65914

Miano, G. *see* Corti, L. 76513

Miano, G. *see* Lupo, G. 91204

Mianzeng Su *see* Wei Chen 116222

Mianzeng Su *see* Wei Zhao 95969

Miao, J. *see* Dumka, D.C. 74470

Miao, J. *see* Tiginyanu, I.M. 105558

Miao, W. *see* Shimamura, T. 97771

Miao, W.F., Ding, J., McCormick, P.G., Street, R. Structure and magnetic properties of mechanically milled $Nd_{2x}Fe_{100-3x}B_x$ (x=2-6) 106551

Miao, W.F., Ding, J., McCormick, P.G., Street, R. Effect of mechanical milling on the structure and magnetic properties of $Nd_{16}Fe_{76}B_8$ 106627

Miao, Y.B. *see* Yoon, S.F. 62795

Miao, Y.B. *see* Yoon, S.F. 103970

Miao, Y.B. *see* Yoon, S.F. 104019

Miao, Y.B. *see* Yoon, S.F. 114888

Miao, Z., Yasuda, K., Yokoyama, R. Flexible generator maintenance scheduling based on subjective relaxation of constraints 70784

Miao Guoqing *see* Guoqing Miao

Miao Hanjin *see* Hanjin Miao

Miao Hua Chun *see* Keerthipala, W.W.L. 111965

Miao Lijie, Xu Yi, Yao Ruoping FEM analysis methods of transient behavior of mechanical-electric system 102634

Miao Shihong, Sun Yangshen, Wu Xiaochen Study of efficient data compression and recovery technology for remote communication of power system fault information 111694

Miao Xinghua *see* Gao Wanrong 100354

Miao Zhengpei *see* Cheng Xiwang 107500

Miaohua Chen *see* Chen Miaohua

Miaoulis, I.N. *see* Rosenberg, S.E. 63220

Miars, M. *see* George, A. 70569

Mias, C. *see* Freni, A. 65782

Miasnikov, Yu. *see* Kashikhin, V. 90059

Mibu, K., Nagahama, T., Shinjo, T. Magnetoresistance studies of multilayers including hard magnetic CoSm layers 95349

Micali, S. *see* Fischer, M.J. 117163

Micali, S. *see* Halevi, S. 97502

Micallef, R.W., Afanasjev, V.V., Kivshar, Y.S., Love, J.D. Algebraic optical solitons 76140

Micaloni, M. *see* Boscagli, G. 69472

Mican, S.G. *see* Busta, H.H. 83755

Miceli, J. *see* Hill, R. 118399

Miceli, R., Montana, M., Galluzzo, G.R., Rizzo, R., Vitale, G. A test cycle for the standardization and characterization of electric drives for electric vehicles–experimental approach 112566

Michael, A. *see* Sentrayan, K. 65469

Michael, C., Hua Su, Ismail, M., Kankunnen, A., Valtonen, M. Statistical techniques for the computer-aided optimization of analog integrated circuit 63953

Michael, C. *see* Hing-Yan To 73134

Michael, C. *see* Marsh, A. 120377

Michael, Ch., Nikolakeas, S., Papaodysseus, K., Ventouras, E., Uzunoglu, N. A measurement system for acquisition, inversion and visualisation of the human body surface potential 120439

Michael, D. *see* Carabello, S. 80040

Michael, D. *see* Carabello, S. 100850

Michael, D.G., Relyea, D.R. Charge properties in glass-electrode resistive plate counters 69785

Michael, G.T. *see* Damarla, T.R. 104971

Michael, J. *see* Tuttle, B.A. 106400

Michael, J.D. Mercury ion measurement in an inductively coupled discharge lamp 71881

Michael, J.R. *see* Hosking, F.M. 104943

Michael, M.M., Scott, M.L. Simple, fast, and practical non-blocking and blocking concurrent queue algorithms 92409

Michael, N., Arrathoon, R. Optical PLA implementation for selected complex morphological algorithms 117724

Michael, N. *see* Bier, F.F. 120271

Michael, P. *see* Deis, G. 106719

Michael, P.C. *see* Jeong, S. 95578

Michael, P.C. *see* Sangkwon Jeong 106713

Michael, R.R., Chistensen, M.P., Haney, M.W. Experimental evaluation of the 3-D optical shuffle interconnection module of the sliding Banyan architecture 109318

Michael, R.R. *see* Haney, M.W. 85201

Michael, S. The results of the VLSI implementation of high performance switched-capacitor analog building blocks 74852

Michaelashvili, V. *see* Finzi, D. 65177

Michaeli, L. *see* Daponte, P. 61978

Michaeli, L. *see* Daponte, P. 110074

Michaelides, A. Analytical computation of minimum and maximum inductances in single and two phase switched reluctance motors 102672

Michaelides, A.M., Pollock, C. Modelling and design of switched reluctance motors with two phases simultaneously excited 121443

Michaelides, A.M. *see* Barnes, M. 121999

Michaelis, B. *see* Krell, G. 108618

Michaelis, B. *see* Krell, G. 110024

Michaelis, B. *see* Lilienblum, T. 108599

Michaelis, M.M. *see* Phipps, C.R. 80679

Michaelis, W. *see* Taucher, F. 69558

Michaels, D., Brock, S. Pro-active power monitoring 91242

Michaels, K.M. Sensible approaches to diagnosing power quality problems 80983

Michaels, R. *see* Brueckner, W. 120169

Michailov, N.I., Chamel, M. Application of the coherent photon seeding technique to synchronously pumped and hybridly mode-locked dye lasers 75824

Michailov, S. *see* Knuth, T. 89788

Michailov, V.A. *see* Korotchenkov, G.S. 114806

Michal, M.G. *see* Zhang, L. 71644

Michal, R. *see* Behrens, V. 62426

Michal, T., Bouchard, J., Eglizeaud, J.P. GRAVES: A new concept for space surveillance 70597

Michalak, F., Aldebert, P. A flexible electrochromic device based on colloidal tungsten oxide and polyaniline as counter electrode 116103

Michalak, R.J. *see* Parker, M.A. 63386

Michalak, R.J. *see* Parker, M.A. 110360

Michalicek, M.A. *see* Comtois, J.H. 75594

Michalik, C., Wolski, W. Synthesis of cascade digital orthogonal filters in absorbing mode 108335

Michalik, G., Mielczarski, W., Szczepanik, J. Calculating costs of non-active power flow in distribution networks 81029

Michalik, G. *see* Lawrance, W. 91660

Michalik, G. *see* Lawrance, W.B. 70903

Michalik, M. *see* Rosolowski, E. 101713

Michalik, W. Identification of the parameters of a.c. machines 102705

Michalke, R. *see* Gorner, K. 102410

Michalke, W. *see* de Nivelle, M.J.M.E. 101555

Michalke, W. *see* Zerov, V.Y. 100000

Michaloski, J.L., Backes, P.G., Lumia, R. Integration of sensor feedback and teleoperation into an open-architecture standard 66653

Michalowski, J. *see* Adam, W. 69709

Michalski, A. Statistical inference on variance components based on intra- and inter-block analysis 92392

Michalski, A., Wincenciak, S. Method of optimization of primary transducer for electromagnetic flow meter 119650

Michalski, J. *see* Lipinski, I.E. 102220

Michalski, J.M., Graham, M.V., Bosch, W.R., Wong, J., Gerber, R.L., Cheng, A., Tinger, A., Valicenti, R.K. Prospective clinical evaluation of an electronic portal imaging device 70219

Michalski, K.A., Mosig, J.R., Hall, R.C. Discrete complex image mixed-potential integral equation analysis of coax-fed coupled vertical monopoles in a grounded dielectric substrate 66063

Michalski, M., Markowski, E., Kotarski, W., Kapron, H. Technical and economic comparison of gas-steam combined cycle and fluidized bed combustion 91370

Michalzik, R. *see* Grabherr, M. 107247

Michalzik, R. *see* Schmid, W. 107309

Michalzik, R. *see* Weigl, B. 85523

Michalzik, R. *see* Zheng Dai 65290

Michas, A. *see* Millet, P. 119762

Michaud, A. *see* Salomon, C. 89521

Michaud, G. *see* Hornung, V. 96062

Miche, P. *see* Bensrhair, A. 67031

Miche, P. *see* Bensrhair, A. 108575

Micheel, L.J., Hartnagel, H.L. Interband RTDs with nanoelectronic HBT-LED structures for multiple-valued computation 73313

Michel, A. The economic viability of photovoltaic generation of electricity with silicon solar cells in Germany 121403

Michel, A. *see* Cornic, P. 67044

Michel, B., Schubert, A., Villain, J. Fracture electronics–fracture problems in electronic packaging 112960

Michel, B. *see* Vogel, D. 112952

Michel, C., Cresson, P.-Y., Dubois, L., Chive, M., Pribetich, J. Modeling and experimental analysis of multipatch planar applicators for microwave hyperthermia 80467

Michel, C., Roth, F., Feigenwinter, P., Zbinden, A.M. The accuracy of the flowrate in flush-devices of disposable pressure transducers 101470

Michel, C., Sibomana, M., Bodart, J.M., Grandin, C., Coppens, A., Bol, A., De Volder, A., Warscotte, V., Thiran, J.-P., Macq, B. Interactive delineation of brain sulci and their merging into functional PET images 90490

Michel, C. *see* Cresson, P.-Y. 101420

Michel, C. *see* Defrise, M. 90418

Michel, C. *see* Despretz, D. 120491

Michel, C. *see* Sibomana, M. 101243

Michel, D., Cogo, B., Roques, D., Raguenet, G., Belfort, M., Zehren, J.C. A programme for a Ku-band multibeam active antenna 66131

Michel, E., Kim, J.D., Javadpour, S., Xu, J., Ferguson, I., Razeghi, M. The molecular beam epitaxial growth of InSb on (111)B GaAs 82601

Michel, E., Kim, J.D., Park, S., Xu, J., Ferguson, I., Razeghi, M. Sb-based infrared materials and photodetectors for the 3-5 and 8-12 μm range 100006

Michel, E. *see* Hamacher, T. 69745

Michel, E. *see* Kim, J.D. 89094

Michel, E. *see* Krizan, P. 69125

Michel, E. *see* Krizan, P. 69746

Michel, E. *see* Krizan, P. 100843

Michel, F., Azema, P., Drira, K. Selective generation of symmetrical test cases 118107

Michel, H.-J. Comparative investigations of interfaces and gas sensing properties of sputter-deposited SnO$_2$-films by ARXPS and electrical conductivity measurements 100163
Michel, J. Measurement of mechanical strain using remotely readable surface acoustic wave resonators 69510
Michel, J., Black, M.R., Norga, G.J., Black, K.A., M'saad, H., Kimerling, L.C. In-situ wafer contamination detection through RF-PCD measurements 84117
Michel, J. *see* Grillot, P.N. 105246
Michel, J. *see* Yao, K. 66974
Michel, J.-B. *see* Demame, V. 69362
Michel, J.C. *see* Sermage, B. 105145
Michel, J.D. *see* Nandhakumar, N. 66975
Michel, J.D. *see* Nandhakumar, N. 69242
Michel, L. *see* Annis, P. 80121
Michel, L. *see* Grieser, M. 120248
Michel, L. *see* Lachaud, F. 113601
Michel, L. *see* Malki, A. 110388
Michel, L. *see* Martellotti, G. 80122
Michel, M. *see* Aurich, J. 73058
Michel, M. *see* Aurirh, J. 113698
Michel, M. *see* Regis, D. 114271
Michel, O. *see* Baraniuk, R.G. 66223
Michel, R.P., Chaiken, A., Kim, Y.K., Johnson, L.E. NiO exchange bias layers grown by direct ion beam sputtering of a nickel oxide target 113488
Michel, R.P., Chaiken, A., Wall, M.A., Dykes, J.W., Ankner, J.F., Kaiser, H. Anomalous temperature dependence of interlayer coupling in Fe/Si multilayers 64361
Michel, R.P. *see* Chaiken, A. 64360
Michel, S. *see* Gutierrez, C.J. 75180
Michel, T.R. *see* Holecz, F. 120893
Michel, T.S. *see* Dufrenois, F. 108584
Michelassi, C. *see* Di Garbo, A. 110832
Michelato, P., Di Bona, A., Pagani, C., Sertore, D., Valeri, S. R&D activity on high QE alkali photocathodes for RF guns 90110
Michelato, P. *see* Di Bona, A. 104998
Micheli, E.de *see* de Micheli, E.
Micheli, G.De *see* De Micheli, G.
Micheli, M.P.De *see* De Micheli, M.P.
Micheli, V. *see* Malina, V. 74636
Michelini, R.C., Rossi, G.B. Assessing measurement uncertainty in quality engineering 112978
Michelini, R.C. *see* Crenna, F. 110005
Michelitsch, G., Ott, M., Weinstein, S. Multimedia beyond video-on-demand 118618
Michelitsch, G. *see* Ott, M. 78176
Michell, F.L., Drew, D.H. Plan now for cold-weather operation of cooling towers 121368
Michelon, P., Veilleux, L. Lagrangean methods for the 0-1 quadratic knapsack problem 82493
Michelot, J. *see* Colin, A. 120278
Michelotti, L. Orbit analysis 120009
Michelotti, L. *see* Holt, J.A. 79944
Michels, J.G. *see* Stone, R.J. 105866
Michels, M., Peterson, H., Horster, P. Breaking and repairing a convertible undeniable signature scheme 76745
Michelson, A.M. *see* Freeman, D.F. 117234
Michelson, R.C. *see* Meyrowitz, A.L. 103100
Michet, D. *see* Beaudin, G. 79100
Michez, A. *see* Escoffier, R. 106016
Michibata, H. *see* Umemura, F. 81816
Michiel, M.Di *see* Di Michiel, M.
Michieletto, G. *see* Cariolaro, G. 66255
Michieletto, G. *see* Cariolaro, G. 68831
Michielsen, M. *see* Hikmet, R.A.M. 79605
Michielssen, E., Boag, A. A multilevel matrix decomposition algorithm for analyzing scattering from large structures 97013
Michielssen, E., Boag, A., Chew, W.C. Scattering from elongated objects: direct solution in O(N log^2 N) operations 107858
Michielssen, E., Chew, W.C. Fast steepest descent path algorithm for analyzing scattering from two-dimensional objects 116853
Michielssen, E. *see* Boag, A. 66013
Michielssen, E. *see* Ergin, A.A. 76380
Michielssen, E. *see* Jandhyala, V. 62370
Michielssen, E. *see* Weile, D.S. 107842
Michielssen, E. *see* Weile, D.S. 108076
Michiguchi, Y., Hatano, S., Kakegawa, H. System hardware technologies for GS8600 and GS8400 67828
Michihiko, M. *see* Yoshinari, K. 86826
Michihira, M., Funaki, T., Matsu-ura, K., Nakaoka, M. A novel quasi-resonant DC-DC converter using phase-shift modulation in secondary side of high-frequency transformer 121628
Michihira, M., Ota, T., Funaki, T., Matsu-ura, K., Nakaoka, M. A cost-effective quasi-resonant DC-DC power converter using a novel phase-shifted PWM scheme 121752
Michikami, O. *see* Suzuki, N. 66045
Michinel, H. Secondary bistable solitons in nonlinear gradient index media 85719
Michinishi, H. *see* Inoue, T. 61763
Michioka, C., Sakamoto, T., Ichikawa, O., Chiba, A., Fukao, T. A decoupling control method of reluctance-type bearingless motors considering magnetic saturation 111928
Michishita, K., Ishii, M. Analysis of lighting-induced voltage on power distribution line over lossy ground taking account of inclination of lightning channel 121113
Michishita, K., Ishii, M., Hojo, J.-I. Measurement of horizontal electric fields associated with distant cloud-to-ground strokes 80596
Michishita, K., Ishii, M., Hongo, Y. Induced voltage on an overhead wire associated with inclined return-stroke channel–model experiment on finitely conductive ground 107939
Michishita, K., Ishii, M., Hongo, Y. Lightning-induced voltage on power distribution line having a branch 121114
Michishita, K., Sunako, M. Magnetic field waveforms over perfectly conducting ground associated with inclined lightning channel 116804
Michishita, K. *see* Hongo, Y. 111611
Michizono, S., Saito, Y., Fukuda, S., Hayashi, K., Anami, S. RF windows used at S-band pulsed klystrons in the KEK linac 100447
Michler, E. *see* Duftschmid, K.E. 110984
Michler, K. *see* Afonso, V.X. 70140
Michniewicz, M.A. Measuring corrosion using field-shifting moire interferometry 72995
Michnoff, R. The RHIC general purpose multiplexed analog to digital converter system 89621
Michos, D.G. *see* Dialynas, E.N. 102128
Michot, J.L., Misson, M., Servajean, M.F. Global view regarding links of a wireless local area network 87853
Micke, T., Fell-Bosenbeck, F. Data compression in professional video recording on the example of the DVCPRO format 99792
Mickel, L. A handle on all data. 3WN6 circuit-breakers–communications-capable via PROFIBUS-DP 81151
Mickelson, A.R. Techniques for optoelectronic packaging 75771
Mickelson, A.R. *see* Feuerstein, R.J. 64783
Mickelson, A.R. *see* Kuang Yi Chen 97293
Mickelson, A.R. *see* Lin, S. 106829
Mickelsson, H. *see* Arvidsson, B. 64678
Mickevicius, R., Mitin, V. Electron streaming due to inelastic acoustic-phonon scattering in quantum wires 62930
Mickevicius, R., Mitin, V., Paulavicius, G., Kochelap, V., Stroscio, M.A., Iafrate, G.J. Hot-phonon effects on electron transport in quantum wires 114739
Micklethawaite, W.F., Fines, R.G., Freschi, D.J. Advances in infrared antimonide technology 74268
Micklethwaite, W.F., Fines, R.G., Freschi, D.J. Bringing antimonides up to potential 92760
Micklich, B.J., Fink, C.L., Yule, T.J. Accelerator requirements for fast-neutron interrogation of luggage and cargo 80138
Micklich, B.J. *see* Fink, C.L. 80136
Micklich, B.J. *see* Fink, C.L. 100995
Micluta, M. *see* Georgescu, G. 107172
Mico, L., Oncina, J., Carrasco, R.C. A fast branch and bound nearest neighbour classifier in metric spaces 77481
Micocci, G., Serra, A., Siciliano, P., Tepore, A., Ali-Adib, Z. CO sensing characteristics of reactively sputtered SnO$_2$ thin films prepared under different oxygen partial pressure values 119784
Micocci, G., Tepore, A. Determination of electron traps in tin disulphide crystals by thermally stimulated current measurements 94431
Micocci, G. *see* Di Giulio, M. 100164
Micossi, P. *see* De Riva, A.M. 96579
Micovic, M. *see* Hwang, W.-Y. 84347
Micovic, M. *see* Schubert, E.F. 85309
Micu, D., Ionita, I., Calotoiu, A., Nicolescu, G., Pelinescu, G., Lazarescu, E., Anghel, F. Adjusting and control equipment for static frequency converters performed in ICPE-ACTEL used for linear starting of high power asynchronous motors 71325
Micu, D., Simion, E. The Monte Carlo synthesis method for inhomogeneous media 96923
Midavaine, H., Le Moigne, P., Bartholomeus, P. Multilevel three-phase rectifier with sinusoidal input currents 121703
Middelhoek, S. *see* Simon, P.L.C. 88984
Middelkamp, P. *see* Antinori, F. 120156
Middelkamp, P. *see* Becks, K.-H. 62521
Middendorf, A. *see* Nissen, N.F. 113053
Middlecamp, J. Maximizing screen printer performance [SMT soldering] 62462
Middlehurst, R. *see* Guran, O. 114393
Middlemast, I. *see* Williams, K.A. 65245
Middleton, A. *see* Glazebrook, G. 99344
Middleton, B. *see* Casey, S. 106548
Middleton, B.K., Miles, J.J., Cumpson, S.R. Models of metal evaporated tape 106499
Middleton, B.K. *see* Cumpson, S.R. 84823
Middleton, D.P., Mulder, F.M., van de Straat, D.A., Thiel, R.C., Buschow, K.H.J. Crystal field induced anisotropy in rare earth intermetallics as studied by ^{155}Gd Mossbauer spectroscopy 64216
Middleton, D.P. *see* Luo, H. 75135
Middleton, D.P. *see* Yelon, W.B. 115547
Middleton, E.M., Chan, S.S., Mesarch, M.A., Walter-Shea, E.A. A revised measurement methodology for spectral optical properties of conifer needles 120908
Middleton, I., Damper, R.I. Segmentation of magnetic resonance images of the thorax by back-propagation 69963
Middleton, I., Damper, R.I. Identification of boundaries in MRI medical images using artificial neural networks 70006
Middleton, J.C.R. *see* Connelly, J.D. 72148
Middleton, L. *see* Kuo, C.Y. 78814
Middleton, P.G. *see* Bagnall, D.M. 75961
Middleton, P.H. *see* Jerdal, L.O. 81805
Middleton, P.H. *see* Lane, J.A. 81809
Middleton, R.L. *see* Song, J. 81184
Middleton, T. *see* Kozma, R.B. 119480
Middya, A.R., Hazra, S., Ray, S., Barua, A.K., Longeaud, C. Low band gap amorphous silicon deposited under He dilution in the γ regime of an rf glow discharge: properties and stability 92899
Middya, A.R. *see* Hazra, S. 72945
Midford, T.A. *see* Chou, Y.C. 106089
Midkiff, A. *see* Pritchett, A. 70348
Midkiff, A.H. *see* Vakil, S.S. 70356
Midorikawa, K., Nagata, Y., Obara, M., Tashiro, H., Toyoda, K. Generation of coherent soft X-ray radiation below 10 nm with an intense sub-picosecond KrF laser 116637
Midorikawa, K. *see* Nagata, Y. 65022
Midou, Y. *see* Enokizono, M. 64281
Midrio, M., Franco, P., Crivellari, M., Romagnoli, M., Matera, F. Polarization shift keying for high-bit-rate multilevel soliton transmissions 99483
Midrio, M., Romagnoli, M., Franco, P., Fontana, F., Cristiani, I. Self-induced modulational instability laser 107155
Midrio, M., Romagnoli, M., Wabnitz, S., Franco, P. Relaxation of guiding center solitons in optical fibers 107610
Midrio, M. *see* Franco, P. 76185
Midwinter, J.E. *see* Baroni, S. 68525
Midwinter, J.E. *see* Churin, E.G. 98373
Midwinter, J.E. *see* Churin, E.G. 109656
Midwinter, J.E. *see* Rothnie, D.M. 78718
Midwinter, J.E. *see* Rothnie, D.M. 119136
Midwinter, J.E. *see* Timofeev, F.N. 68449
Midwinter, J.E. *see* Timofeev, F.N. 88058
Midwinter, J.E. *see* Zeiler, W. 109647
Midya, P., Krein, P.T., Turnbull, R.J., Reppa, R., Kimball, J. Dynamic maximum power point tracker for photovoltaic applications 121405
Mie, R.Loe *see* Loe Mie, R.
Mie-Won Jung *see* Yong Gun Shul 85653
Miegler, M., Wolz, W. Development of test programs in a virtual test environment 104282
Miehe, J.A. *see* Eckert, C. 113790
Mieie, T.A. Data-acquisition systems can be protected from high level common mode interference 88944
Mieke, S. *see* Gross, H. 101061
Miekina, A., Morawski, R.Z., Podgorski, A. Using variational approach and spectrometry-specific criteria for calibration of spectrometric systems 109975
Miekina, A. *see* Morawski, R.Z. 108284
Miekisch, W. *see* Baumann, J.R. 60763
Mielcarek, R. *see* Kubiak, Z. 109261
Mielczarski, W., Khan, M.E., Sugianto, L.F. Management of inventory to reduce outages in supply feeder 70904
Mielczarski, W. *see* Lawrance, W. 91660
Mielczarski, W. *see* Lawrance, W.B. 70903
Mielczarski, W. *see* Michalik, G. 81029
Mielke, C.H. *see* Buchanan, M. 90364
Mielke, C.H. *see* Marsden, P.K. 101332
Mielke, F., Memmert, U., Golubov, A.A., Hartmann, U. Scanning tunneling spectroscopy on low- and high-T$_c$ superconductors 64522
Mielle, P. Managing dynamic thermal exchanges in commercial semiconducting gas sensors 69359
Mien Li, Milor, L. Computing parametric yield adaptively using local linear models 84562
Mieno, T. *see* Samukawa, S. 84121
Mier, E. A switch for all reasons [LAN switches] 87274
Mier, E.E. Network integration: promises, promises 118420
Mier, G.P.M.van *see* van Mier, G.P.M.
Mier, M.G. *see* McGregor, D.S. 80153
Mier, M.G. *see* McGregor, D.S. 92663
Mierczyk, Z. *see* Jabczynski, J.K. 107681
Mierczyk, Z. *see* Kaczmarek, S. 107179
Mierczyk, Z. *see* Kopczynski, K. 85436
Mierczyk, Z. *see* Kopczynski, K. 107213
Mierczyk, Z. *see* Zendzian, W. 107211
Miertusova, J. *see* Giacuzzo, F. 100428
Mierzejewski, L. Comparison of DC electric traction supply system schemes 112524
Mierzejewski, L. Analysis and modelling of electric traction supply circuits 112541
Mierzejewski, L., Szelag, A., Drazek, Z. Bilateral supply in urban electric traction as means of energy saving and improving the reliability of the electric transport system 112525
Mierzejewski, L. *see* Bogorodzki, P. 111550
Mierzwinski, M. *see* Bahl, S.R. 105904
Miesak, E.M. *see* Dixon, G.J. 65517
Miescke, K.J. *see* Gupta, S.S. 92415
Miesner, H.J. *see* Calabrese, R. 79834
Miethe, K. *see* Bottner, T. 96005
Miettinen, K., Makela, M.M. Interactive bundle-based method for nondifferentiable multiobjective optimization: NIMBUS 72543
Mietz, J. *see* Bausch, J. 68483

Mieville, J.-P., Rooyackers, R., Deferm, L. An optimized poly-buffered LOCOS process for a 0.35 μm CMOS technology 63918
Mieville, J.-P. *see* Bellens, R. 106186
Mieville, L. *see* Triscone, J.-M. 61195
Miewald, T. *see* Willis, K.J. 103344
Migachev, B.A. Formalizing a quality assurance procedure in nondestructive testing 113571
Migaud, P. Joint application of passive infrared and active millimeter wave to weapon guidance 70586
Migdall, A.L., Datla, R.U., Sergienko, A., Orszak, J.S., Shih, Y.H. Absolute detector quantum-efficiency measurements using correlated photons 89528
Mighdoll, D. Brushless DC motor basics 111992
Migitaka, M. *see* Maeda, Y. 85700
Migitaka, M. *see* Yamamoto, S. 92812
Migitaka, S., Uchino, S., Ueno, T., Yamamoto, J., Kojima, K., Hashimoto, M., Shiraishi, H. Negative resists for electron beam lithography utilizing acid-catalyzed intramolecular dehydration of phenylcarbinol 105810
Migitaka, S. *see* Uchino, S.-I. 105794
Migliaccio, M. *see* Coltelli, M. 111083
Migliaccio, M. *see* Corona, P. 97192
Migliaccio, M. *see* Franceschetti, G. 120689
Migliaccio, M. *see* Lanari, R. 111161
Migliano, A.C.C., Stopa, C.R.S., Cardoso, J.R., Zgainski, F.X., Coulomb, J.L. Design and construction of a periodic magnetic structure of SmCo$_5$ magnets 106629
Miglioli, R. *see* Graziano, A. 78968
Migliora, C.G. *see* Chaves, M.B.F. 93674
Migliorati, P. *see* Agarossi, L. 68877
Migliorati, P. *see* Ferri, F. 68887
Migliorato, P. *see* Fortunate, G. 63678
Migliorato, P. *see* Quinn, M. 84388
Migliorato, P. *see* Rieta, C. 63676
Migliore, E. *see* Alvsvaag, S.J. 90124
Migliore, M.D. *see* Bianchi, M. 90697
Migliori, A., Darling, T.W. Resonant ultrasound spectroscopy for materials studies and non-destructive testing 101629
Migliozzi, P. *see* Di Capua, E. 110598
Migliuolo, M. *see* Tan, S. 95752
Mignault, J., Gravey, A., Rosenberg, C. A survey of straightforward statistical multiplexing models for ATM networks 77711
Migneco, E. *see* Bellia, G. 90238
Migneco, E. *see* Bellia, G. 100996
Mignon, H., Grehan, G., Gouesbet, G., Xu, T.H., Tropea, C. Measurement of cylindrical particles with phase Doppler anemometry 110442
Mignone, V., Morello, A. CD3-OFDM: a novel demodulation scheme for fixed and mobile receivers 109455
Mignoni, G. *see* Fornari, R. 61158
Mignoni, G. *see* Mucchino, C. 61159
Mignosi, C. *see* Hascicek, Y.S. 96984
Migom, F. *see* De Pestel, G. 119219
Miguel, J.M. *see* Laredo, J. 67872
Miguel, M.P.de *see* de Miguel, M.P.
Miguel, M.San *see* San Miguel, M.
Miguel Hickmann, J. *see* de Araujo, M.T. 116717
Miguel Silveira, L., Kamon, M., White, J. Efficient reduced-order modeling of frequency-dependent coupling inductances associated with 3-D interconnect structures 60605
Miguel Vieira Monteiro, A., Wei Wei Lu, Gough, M.P., Thompson, J.A., Yearby, K.H. A smart telemetry compression system for a space instrument: MARS-96 ELISMA instrument complex 77918
Miguel-Vela, G.de *see* de Miguel-Vela, G.
Miguez, G. *see* Perez-Munuzuri, V. 80681
Migus, A. *see* Blanchot, N. 85428
Migus, A. *see* Boscheron, A.C.L. 65486
Migus, A. *see* Boscheron, A.C.L. 85698
Migus, A. *see* Gamache, C. 96175
Mihail, M., Winler, P. On the number of Eulerian orientations of a graph 113204
Mihail, M. *see* Jagannath, S. 88474
Mihaila, M., Heedt, C., Scheffer, F., Tegude, F.J. Origin of 1/f noise in InAlAs/InGaAs HEMTs 106071
Mihaila, M., Heedt, C., Tegude, F.J. Nonlinear effects in the 1/f noise of lattice-matched InAlAs/InGaAs HEMTs 106066
Mihailescu, I.N., Gyorgy, E., Popescu, M., Csutak, S.M., Marin, G., Teodorescu, V.S., Ursu, I., Luches, A., Martino, M., Perrone, A., Hermann Laser ablation in a reactive atmosphere: application to the synthesis and deposition performance of titanium carbide thin films 82761
Mihailescu, I.N., Lita, A., Teodorescu, V.S., Gyorgy, E., Alexandrescu, R., Luches, A., Martino, M., Barborica, A. Synthesis and deposition of silicon nitride films by laser reactive ablation of silicon in low pressure ammonia: a parametric study 92821
Mihailescu, I.N. *see* Leggieri, G. 92928
Mihailescu, I.N. *see* Teodorescu, V.S. 104110
Mihailova, T. *see* Toneva, A. 119687
Mihailovich, R.E., Koscica, T., Zeto, R.J. Measurement of the elastic stress of thin films deposited on gallium arsenide 95223
Mihailovich, R.E., MacDonald, N.C. Mechanical loss measurements of vacuum-operated, single-crystal silicon microresonators 74875
Mihajlovic, P. *see* Nikolic, P.M. 83827
Mihajlovic, P. *see* Nikolic, P.M. 94323
Mihalache, D., Crasovan, L.-C., Panoiu, N.-C., Moldoveanu, F., Baboiu, D.-M. Timing jitter of femtosecond solitons in monomode optical fibers 85717
Mihalache, D., Lederer, F., Mazilu, D., Crasovan, L.-C. Multiple-humped bright solitary waves in second-order nonlinear media 85718
Mihalache, M. *see* Raduti, C. 81380
Mihalcescu, I. *see* Bassani, F. 62892
Mihalic, F. *see* Milanovic, M. 91664
Mihalic, F. *see* Milanovic, M. 121668
Mihalik, J., Zavacky, J., Dzivy, J. Perfect reconstruction 2D QMF bank for subband image coding 117742
Mihalisin, T. *see* Glenis, S. 75300
Mihalko, L.S. *see* Nehl, T.W. 103142
Mihara, K. *see* Arimoto, S. 71923
Mihara, S. *see* Yamagata, Y. 75060
Mihara, T. *see* Murakami, Y. 106004
Mihara, T. *see* Ohashi, T. 99891
Mihashi, Y. *see* Takemi, M. 103842
Mihaychuk, J., Bloch, J., van Driel, H.M. UV-photoinduced charge trapping at the Si-SiO$_2$ interface observed with second harmonic generation 114833
Mihaychuk, J.G. *see* Bloch, J. 94613
Mihelich, P. *see* Sundararaman, C.S. 104842
Mihin, N.V. *see* Minin, I.V. 76590
Mihopoulos, T.G. *see* Jensen, K.F. 82751
Mihopoulos, T.G. *see* Jensen, K.F. 84548
Mii, T. *see* Hamada, S. 121573
Mii, T. *see* Hirachi, K. 121565
Miike, H. *see* Nakajima, K. 90401
Mijailovic, S. *see* Papazoglou, T.M. 101907
Mijailovic, S.V. *see* Popovic, D.P. 90981
Mijailovic, S.V. *see* Popovic, D.P. 101970
Mijailovic, S.V. *see* Popovic, D.P. 111465
Mijalkovic, S. Exponentially fitted discretization schemes for diffusion process simulation on coarse grids 74805
Mijanovic, Z., Dragovic-Ivanovic, R., Stankovic, L. R/2R$^+$ digital-analog converter (DAC) 104629
Mijnheer, B. *see* Essers, M. 70218
Mikac, B., Sever, Z. An approach to the evaluation of all-optical network availability 78955
Mikado, T. *see* Ohgaki, H. 107392
Mikado, T. *see* Uedono, A. 63243
Mikado, T. *see* Yokoyama, M. 96469
Mikaelian, A.L. *see* Ivanov, V.A. 98091
Mikaelyan, R.S. *see* Vartanyan, E.S. 92655
Mikami, K. *see* Tamura, H. 72510
Mikami, M. *see* Yamashita, H. 107740
Mikami, N. *see* Horikawa, T. 113935
Mikami, N. *see* Horikawa, T. 115444
Mikami, O. *see* Suzuki, Y. 114780
Mikami, S., Uehara, T., Chiba, M., Bannai, T. Development of 1/2-in. cassette HDTV VTR incorporating image compression technology 119439
Mikami, T. *see* Kawano, J. 103208
Mikami, Y. *see* Mimura, A. 84604
Mike Tien-Chien Lee, Yu-Chin Hsu, Chen, B., Fujita, M. Domain-specific high-level modeling and synthesis for ATM switch design using VHDL 83079
Mikerin, S.L. *see* Gulev, V.S. 107208
Mikerov, V.I., Zhelezov, I.N., Konashenok, V.V., Tukarev, V.A., Zaitsev, K.N., Petrov, V.N., Yakovlev, M.P. DNM-1 neutron measuring facility 88928
Mikhael, W.B., Berg, A.P. Image representation using nonorthogonal basis images with adaptive weight optimization 77183
Mikhael, W.B. *see* Berg, A.P. 77065
Mikhael, W.B. *see* Nijim, Y.W. 98108
Mikhael, W.B. *see* Nijim, Y.W. 101197
Mikhael, W.B. *see* Nijim, Y.W. 117878
Mikhael, W.B. *see* Ramaswamy, A. 77250
Mikhael, W.B. *see* Ramaswamy, A. 80272
Mikhailichenko, A. *see* Alexandrof, V.A. 100628
Mikhailichenko, A.A. A beam focusing system for a linac driven by a traveling laser focus 89682
Mikhailov, A. *see* Roshal, A. 102884
Mikhailov, A.I., Sergeev, S.A. Parametric interaction of the spatial charge waves in thin-film semiconductor structures having negative differential admittance 73690
Mikhailov, A.V. *see* Glazanov, V.E. 111382
Mikhailov, B.L. *see* Burkhanov, G.A. 115902
Mikhailov, G.M., Chernykh, A.V., Petrashov, V.T. Electrical properties of epitaxial tungsten films grown by laser ablation deposition 94819
Mikhailov, M.S. *see* Dubovoi, E.I. 64160
Mikhailov, N.N. *see* Varavin, V.S. 75685
Mikhailov, V.A. *see* Baldin, A.M. 90061
Mikhailov, V.A. *see* Baturitsky, M.A. 120224
Mikhailov, V.A. *see* Chernikov, V.I. 100720
Mikhailov, V.A. *see* Issinsky, I.B. 89827
Mikhailov, V.A. *see* Zagumennyi, A.I. 96189
Mikhailov, V.G., Leonov, V.V., Rezvov, V.A., Roshchin, A.A., Sklyarenko, V.I., Yudin, L.I., Artem'ev, A.I., Rakhimbabaev, T.Ya. General-purpose ionization detectors for accelerated particle beams 79828
Mikhailov, V.N., Jung-Young Son, Grinevitskaya, O.V., Lee, H.-S., Choi, Y.-J. Improved processing for silver-halide pulse holography 96825
Mikhailov, V.N. *see* Son, J.-Y. 96755
Mikhailov, V.N. *see* Timofeev, F.N. 63320
Mikhailov, V.P. *see* Kalashnikov, V.L. 116428
Mikhailov, V.P. *see* Poloyko, I.G. 96223
Mikhailov, V.P. *see* Yumashev, K.V. 85577
Mikhailov, Y. *see* David, G. 100863
Mikhailov, Yu.A. *see* Ivanov, V.V. 119543
Mikhailova, M.P., Slobodchikov, S.V., Stoyanov, N.D., Stus', N.M., Yakovlev, Yu.P. Noncooled InAsSbP/InAs photodiodes for the spectral range 3-5 μm 116234
Mikhailova, M.P., Stus', N.M., Slobodchikov, S.V., Zotova, H.V., Matveev, B.A., Talalakin, G.N. Photodiodes based on InAs$_{1-x}$Sb$_x$ solid solutions for the spectral band in the range 3-5 μm 116233
Mikhailova, M.P., Zegrya, G.G., Moiseev, K.D., Yakovlev, Yu.P. Interface electroluminescence of confined carriers in type II broken-gap p-GaInAsSb/p-InAs single heterojunction 62831
Mikhailova, M.P. *see* Voronina, T.I. 74347
Mikhalchenko, S.G. *see* Baushev, V.S. 61593
Mikhal'chenko, S.G. *see* Baushev, V.S. 93106
Mikhalevich, V.S., Kondratov, V.T. Raising the accuracy of measurement of harmonic coefficient 99813
Mikhalevich, V.S., Kondratov, V.T., Skripnik, Yu.A., Palagin, A.V. Remote temperature-measurement accuracy provided by the thermal-noise method 99912
Mikhalnichenko, N.N. *see* Krasilenko, V.G. 85328
Mikhal'tsevich, V.T. *see* Rudakov, T.N. 73173
Mikhaylov, N.N. *see* Ovsyuk, V.N. 64931
Mikhaylov, P.G., Butov, V.I., Politmentseva, T.N., Gorish, A.V. Piezoelectric sensors of rapidly varying, pulse and acoustic pressures 89010
Mikheenko, P.N. *see* Konopka, A. 75343
Mikheev, P. *see* Kupryaev, N.V. 65043
Mikheev, P.A. *see* Melnikov, G.S. 99892
Mikheev, P.V., Kheeroug, S.S., Yakin, G.Yu., Todhunter, J.S. Using the wavelet method for a multispectral remote sensing study of plant community spatial processes in broad range of spatial scales 120665
Mikhela, P.J. *see* Pulliainen, J.T. 70459
Mikheyev, G.M., Mikheyev, G.M. Application of a laser spectroscopy method for the analysis of hydrogene which is developed during electrical breakdown of the transformer oil 121547
Mikheyev, G.M. *see* Mikheyev, G.M. 121547
Mikheyev, P.A., Kupryaev, N.V., Shepelenko, A.A. Experimental and numerical studies of single mode laser operation in unstable resonator with semi-transparent output coupler and intracavity astigmatism 107414
Mikheyev, Ya.I. *see* Girnyk, V.I. 110307
Mikhin, D.Yu. *see* Godin, O.A. 101565
Mikhlyaev, S.V., Mukhin, Yu.D., Nezhevenko, E.S. Automated systems for industry applications. Experimental investigation of laser diagnosis methods for the process of fuel burning in power plants 121349
Miki, A., Yamaguchi, M., Tsutsumi, Y. Effects of reactant gas density on gas flow distribution of phosphoric acid fuel cells 121871
Miki, C., Amagai, J., Kurihara, N., Takahasi, F., Imae, M., Hosokawa, M., Yosino, T. Crustal deformation monitoring system for the Tokyo metropolitan area. Functions and situations of observation stations of KSP. Overview of KSP Miura station 101544
Miki, C. *see* Amagai, J. 101536
Miki, C. *see* Amagai, J. 101542
Miki, C. *see* Kaneko, A. 101543
Miki, H. *see* Yamamoto, H. 91730
Miki, I. *see* Akiyama, M. 112440
Miki, M. *see* Tsuchitani, S. 84638
Miki, O. *see* Hyuk-Joo Kwon 92732
Miki, S. *see* Ikeda, K. 67990
Miki, T. Optical access networks evolving toward multimedia information environment 98874
Miki, T. Group communication platform concept as a community networking service 118443
Miki, T. *see* Maruyama, S. 109958
Miki, T. *see* Yang, B. 74186
Miki, Y., Suda, H., Ohya, T. A Kalman filtering noise canceler for PDC speech enhancement 68283
Miki, Y. *see* Sawahashi, M. 118935
Mikihiko, K., Hiroshi, F., Mitsuru, E., Norio, S. Arrangement of silica particles on calcium titanate substrate and its appraisal 104198
Mikita, I. *see* Blazek, J. 110114
Mikitjuk, V.G., Yarmolik, V.N., van de Goor, A.J. RAM testing algorithms for detection multiple linked faults 73342
Mikitjuk, V.G. *see* van de Goor, A.J. 104549
Mikityuk, V.G. *see* Yarmolik, V.N. 93393
Mikityuk, Z., Fechan, A., Semenova, J. Liquid crystal material for light modulators on the base of cholesteric-nematic phase transition 95857
Mikityuk, Z. *see* Vistak, M. 95858
Mikkelsen, B., Durhuus, T., Joergensen, C., Danielsen, S.L., Pedersen, R.J.S., Stubkjaer, K.E. Wavelength conversion devices 78776
Mikkelsen, B., Pedersen, R.J.S., Nissov, M., Poulsen, H.N., Joergensen, C., Danielsen, S.L., Stubkjaer, K.E., Gustavsson, M., van Berlo, W., Janson, M. Transmission through 10 all-optical interferometric wavelength converter spans at 10 Gbit/s 88637
Mikkelsen, B. *see* Danielsen, S.L. 99559
Mikkelsen, B. *see* Durhuus, T. 78878
Mikkelsen, B. *see* Joergensen, C. 68447
Mikkelsen, B. *see* Joergensen, C. 88595
Mikkelsen, B. *see* Joergensen, C. 99458

Mikkelsen, B. *see* Jourdan, A. 88603
Mikkelsen, B. *see* Pedersen, R.J.S. 68503
Mikkelsen, S.D. *see* Bak-Jensen, B. 60909
Mikkelson, K. *see* Mazarakis, M.G. 69584
Mikkelson, K. *see* Mazarakis, M.G. 120048
Mikkilineni, R. *see* Sato, M. 87947
Mikkonen, R., Soderlund, L. A 6 T superconducting wiggler for synchrotron radiation 95541
Mikkonen, R., Soderlund, L., Eriksson, J.-T. The design and construction of a 1500 W HTS superconducting synchronous machine 102652
Mikler, A., Wong, J., Honavar, V. Quo Vadis–a framework for intelligent traffic management 109028
Mikler, A.R., Wong, J.S.K., Honavar, V. Quo Vadis: Adaptive heuristics for routing in large communication networks 67671
Mikli, V. *see* Kruusing, A. 88977
Miklich, A.H. *see* Clarke, J. 64548
Miklich, A.H. *see* Deak, J. 99942
Miklich, A.H. *see* Ludwig, F. 64554
Miklos, A., Feher, M. Optoacoustic detection with near-infrared diode lasers: trace gases and short-lived molecules 70517
Miklos, R.E. *see* Sanghera, J.S. 64713
Miklyaev, S.M. *see* Keilin, V.E. 103042
Miklyaev, Yu.V. Collinear mode coupling in a photorefractive planar waveguide 85034
Miklyaev, Yu.V., Safonov, V.I. Recording of photorefractive holograms by an AC field perpendicular to the grating vector 85757
Mikolaenko, V.P. *see* Kozachenko, V.F. 103067
Mikolajczak, H. *see* Malko, J. 102030
Mikols, E. *see* Cahn, D. 72195
Mikols, E.H., Gill, A.S., Dougherty, A. The regulation of hazardous air pollutants under the Clean Air Act Amendments of 1990: effects on the Portland cement industry 101571
Mikoshiba, N. *see* Yamada, N. 75997
Mikoshiba, S. *see* Masuda, T. 89254
Mikoshiba, S. *see* Nguyen, N.T. 89299
Mikoshiba, T., Yamasawa, K. Fundamentals of a new absolute magnetic scale using nonrepeated codes 100316
Mikropoulos, P.N. *see* Gourgoulis, D.E. 70982
Mikrut, M., Winkler, W., Zmuda, K., Janiczek, R. Can electric power engineering be attractive nowadays [education] 82124
Miks, J. Applications for ceramic packaging 103456
Miks, J., Ramirez, A. Ceramic package thermal performance study 82228
Mikulec, I. *see* Bergauer, H. 69856
Mikulecky, H.W. *see* McCall, L.V. 102891
Mikulicic, V. *see* Feretic, D. 71184
Mikulla, M. *see* Esquivias, I. 107229
Mikyung Lee *see* Suh, K.S. 64132
Mikyung Lee *see* Suh, K.S. 64146
Milacic, D. *see* Olson, W.W. 90909
Milan, J.M., Rivera, D., Desodt, G., Larvor, J.P. A solid-state solution for modern airport surveillance radars 68663
Milanese, R. *see* Gil, S. 67294
Milanesi, S. *see* Rovetta, A. 90549
Milani, A., Cavanna, A., Pucci, M., Simonetti, S. Firing steelworks recovery gases in a combined-cycle power station 71154
Milani, M. *see* Cattaneo, G. 85535
Milanicz, D.P. *see* Adibi, M.M. 91343
Milanicz, D.P. *see* Adibi, M.M. 101939
Milano, A., Barash, S., Raphaeli, I. Linear phase filter synthesis: CAD for extra precision implementation 83195
Milanovic, J.V. *see* Hiskens, I.A. 101894
Milanovic, M., Godec, I., Mihalic, F. An application of the duality principle to resonant link converters 121668
Milanovic, M., Kovacic, R., Mihalic, F., Babic, R. The control of an AC to HF-AC resonant link converter 91664
Milanovic, V., Gaitan, M., Bowen, E.D., Zaghloul, M.E. Micromachined coplanar waveguides in CMOS technology 104881
Milanovic, V., Ikonic, Z. On the optimization of resonant intersubband nonlinear optical susceptibilities in semiconductor quantum wells 96638
Milanovic, V., Ikonic, Z., Indjin, D. Optimization of resonant intersubband nonlinear optical susceptibility in semiconductor quantum wells: the coordinate transform approach 63063
Milanowski, R. *see* Pagey, M. 95027
Milazzo, P.M. *see* Mastinu, P.F. 68945
Milborrow, D.J. An analysis of UK wind farm statistics 102545
Milbrodt, M.A. *see* Kohnke, G.E. 88561
Milburn, G.H.W. *see* Hajto, J. 63181
Milburn, G.H.W. *see* Wright, J. 107501
Milburn, J.E. *see* Lee, K.W. 107811
Milchberg, H.M., Durfee, C.G., III, Antonsen, T.M., Mora, P. Channel guided lasers for plasma accelerators 89584
Milchberg, H.M., Durfee, C.G., III, Clark, T.R. High order frequency conversion in the plasma waveguide 107516
Mild, K.H., Saudstrom, M., Johnsson, A. Measured 50 Hz electric and magnetic fields in Swedish and Norwegian residential buildings 70271
Milder, M.L. *see* Bolme, G.O. 89706
Milder, M.L. *see* Carlsten, B.E. 89710
Mildner, R. Six surmountable barriers. Towards a solution to the quality dilemma facing small and medium-sized enterprises 60668
Mildren, R.P. *see* Brown, D.J.W. 116378
Mileev, V.N. *see* Krupnikov, K.K. 120581
Mileham, J.R., Pearton, S.J., Abernathy, C.R., MacKenzie, J.D., Shul, R.J., Kilcoyne, S.P. Patterning of AlN, InN, and GaN in KOH-based solutions 84119
Mileham, J.R. *see* Pearton, S.J. 74521
Milella, D. *see* Blonda, P. 110766
Milenin, V.V. *see* Ermolovich, I.B. 61343
Milenkovic, O. *see* Vasic, B. 97408
Milenkovic, S. *see* Pantic, D. 84451
Milenov, T.I., Dimov, V.I. Transmission electron microscopy observations of antiphase boundaries in CdTe 105139
Milentijevic, I.Z., Stojcev, M.K., Maksimovic, D.M. Configurative digit-serial convolver of type F 83034
Miler, M. *see* Koudela, I. 85744
Miles, D.K. *see* Ives, J.R. 90526
Miles, F.M. *see* White, R.V. 61600
Miles, G.L. *see* Lavoie, M.A. 94648
Miles, I. *see* Street, P. 81368
Miles, J. *see* Casey, S. 106548
Miles, J.J., Parker, M.R. Micromagnetic modelling of spin valve and GMR read heads 115840
Miles, J.J. *see* Cumpson, S.R. 84823
Miles, J.J. *see* Middleton, B.K. 106499
Miles, J.J. *see* Walmsley, N.S. 106578
Miles, L. *see* Nolting, E. 69899
Miles, R.E. *see* Awang, Z. 84759
Miles, R.E. *see* Collins, C.E. 69474
Miles, R.E. *see* Collins, C.E. 83441
Miles, R.E. *see* Mattick, J.H.N. 60733
Miles, R.E. *see* Mattick, J.H.N. 113038
Miles, R.H. *see* Adachi, K. 61164
Miles, R.H. *see* Brewer, P.D. 82691
Miles, R.H. *see* Ehrenreich, H. 100035
Miles, R.H. *see* Hasenberg, T.C. 65258
Miles, R.R. *see* Caldwell, M.A. 90539
Miles, R.W., Ghosh, B., Duke, S., Bates, J.R., Carter, M.J., Datta, P.K., Hill, R. Formation of low resistance contacts to p-CdTe by annealing autocatalytically deposited Ni-P alloy coatings 94587
Miles, R.W. *see* Duke, S. 81887
Miles, R.W. *see* Ghosh, B. 71699
Miles, R.W. *see* Pande, P.C. 72856
Milet, N. *see* Duluc, J.B. 115310
Milet, N. *see* Zimmer, T. 63913
Miletic, L. *see* Petrovic, S. 114553
Miletic, M. *see* Nikolic, P.M. 94323
Mileusnic, E. *see* Hebel, Z. 111553
Milewski, J., Sklar, E. Modelling and validation of multiple reflections for enhanced laser welding 112881
Milewski, J.M. *see* Potenza, J.A. 112898
Milewski, P.D. *see* Dahua Zhang 85259
Miley, G.H. *see* Anderl, R.A. 104251
Miley, G.H., Elliot, C. *(editors)* 16th IEEE/NPSS Symposium Fusion Engineering, SOFE '95. Seeking a New Energy Era (Cat. No.95CH35852) 92032
Miley, H.S. *see* Bliss, M. 79995
Milgotin, B. *see* Feldman, Y. 119546
Milgram, P. *see* Rastogi, A. 100224
Milhem, G. *see* Moruzzia, M. 80729
Mili, L., Cheniae, M.G., Vichare, N.S., Rousseeuw, P.J. Robust state estimation based on projection statistics [of power systems] 70644
Mili, L. *see* Cheniae, M.G. 101737
Milian, J. *see* Vellvehi, M. 82938
Milic, D. *see* Weijian Lu 116596
Milic, L.D., Lutovac, M.D. Reducing the number of multipliers in the parallel realization of half-band elliptic IIR filters 114089
Milic B., S. *see* Rios M., S. 101960
Milich, V.N., Murynov, A.I. Analysis of image textures with compensating the influence of a photographic channel 77227
Milikh, G.M. *see* Nusinovich, G.S. 120880
Milinin, V.V. *see* Konakova, R.V. 114817
Miliozzi, P., Carloni, L., Charbon, E., Sangiovanni-Vincentelli, A. SUBWAVE: a methodology for modeling digital substrate noise injection in mixed-signal ICs 114143
Miliozzi, P., Vassiliou, I., Charbon, E., Malavasi, E., Sangiovanni-Vincentelli, A.L. Use of sensitivities and generalized substrate models in mixed-signal IC design 84590
Milita, S., Servidori, M. Damage in ion implanted silicon measured by X-ray diffraction 74098
Milita, S. *see* Nipoti, R. 94695
Milita, S. *see* Servidori, M. 61273
Militello, C. *see* Barbaro, V. 70261
Miljanic, P. Power loss measurement of large power transformers 112028
Miljanic, S., Ranogajec-Komor, M. Estimation of photon energy spectra of ^{60}Co in water using CaF$_2$:Mn and Fricke dosemeters 120570
Miljavec, D., Jereb, P. Calculation of pulsating losses in the air-gap of synchronous reluctance motor using finite element method 81427
Miljavec, D., Jereb, P., Popovic, M. Surface losses in air-gap of synchronous reluctance motor 91489
Millan, A.J., Gimenez de Guzman, M.I., Guzman, V.M., Torres, M. A close loop DC motor speed control simulation system using SPICE 102744
Millan, J. *see* Fernandez, J. 94628
Millan, J. *see* Flores, D. 63644
Millan, J. *see* Flores, D. 63645
Millan, J. *see* Perello, C. 109996
Millan, J. *see* Perello, C. 119556
Millan, J.E. *see* Lu, C. 69720
Millan, M.F.Mac *see* Mac Millan, M.F.
Millan, M.S., Corbalan, M., Perez, E., Romero, J., Yzuel, M.J. Improvement of the color discrimination capability in optical pattern recognition 117536
Millan, M.S. *see* Corbalan, M. 67385
Millan, P. *see* Tastet, P. 104337
Millan, V.G., Peris, E.S. Application of a real-time data processing VME module using a custom high speed I/O multiport board to the ATLAS Tile-Cal read out 120155
Millanta, L.M. *see* Forti, M.M. 97187
Millard, C., Carolina, R. Commercial transactions on the global information infrastructure: a European perspective 103374
Millard, I.S., Patel, N.K., Simmons, M.Y., Hamilton, A.R., Ritchie, D.A., Pepper, M. Integer quantum Hall states in coupled double electron gas systems at mismatched carrier densities 62829
Millard, I.S., Patel, N.K., Simmons, M.Y., Linfield, E.H., Ritchie, D.A., Jones, G.A.C., Pepper, M. Compressibility studies of double electron and double hole gas systems 74359
Millard, I.S. *see* Patel, N.K. 83947
Millaud, J., Nygren, D. The column architecture–a novel architecture for event driven 2D pixel imagers 90215
Millaud, J., Nygren, D. The column architecture–a novel architecture for event driven 2D pixel imagers 100945
Millaud, J. *see* Beuville, E. 80191
Millaud, J. *see* Beuville, E. 101239
Millaud, J. *see* Turko, B.T. 90204
Millaud, J. *see* Turko, B.T. 100966
Millen, J.K., Hai-Ping Ko Narrowing terminates for encryption 86099
Millen, M.J. *see* Abernethy, D.A. 110440
Miller, A., Murray, W.J. Fourier-transform methods for determination of contrast-modulation index for luminance-variation data 89210
Miller, A., Wu, C.F.J. Commentary on Taguchi's parameter design with dynamic characteristics 60544
Miller, A. *see* Cameron, A.R. 74418
Miller, A. *see* French, S. 65509
Miller, A. *see* French, S. 85608
Miller, A. *see* French, S. 96649
Miller, A. *see* McLaughlin, W.L. 120566
Miller, A.C. *see* Soden, J.M. 106187
Miller, A.E., Opila, R.L., Yan, M.F. Ultranegative delta cladding for modified chemical vapor deposition 75436
Miller, A.R. *see* Watson, E.A. 95920
Miller, B. *see* Vahala, K. 65239
Miller, B. *see* Vahala, K.J. 65484
Miller, B. *see* Vahala, K.J. 88480
Miller, B. *see* Yao, M. 75848
Miller, B.I. *see* Eskildsen, L. 85519
Miller, B.I. *see* Hansen, P.B. 85499
Miller, B.I. *see* Paiella, R. 65511
Miller, B.I. *see* Young, M.G. 68418
Miller, B.L., Shaw, M.J. Genetic algorithms with dynamic niche sharing for multimodal function optimization 92561
Miller, C. *see* Giacalone, G. 73368
Miller, C. *see* Tsang, Y.L. 63287
Miller, C.M. *see* Yufei Bao 75659
Miller, C.M. *see* Yufei Bao 95864
Miller, D., Placko, D. Pre-processing of signals delivered by a new eddy current sensor for non ferromagnetic tubes testing 113010
Miller, D., Rao, A., Rose, K., Gersho, A. An information-theoretic framework for optimization with application to supervised learning 66199
Miller, D. *see* Cushman, P. 110590
Miller, D. *see* Ford, N. 108997
Miller, D. *see* Gaidis, M.C. 93773
Miller, D. *see* Hsiao, R. 84134
Miller, D. *see* Pavelchek, E.K. 105817
Miller, D. *see* Peigneux, J.P. 120164
Miller, D. *see* Rao, A. 66457
Miller, D.A.B. *see* Ford, J.E. 95642
Miller, D.A.B. *see* Krishnamoorthy, A.V. 65002
Miller, D.A.B. *see* Woodward, T.K. 78867
Miller, D.H. *see* Grimaud, J. 101274
Miller, D.L., Wolfman, G.J., Volanth, A.J., Mullins, R.T. Systems integration, user interface design, and tower air traffic control 70425
Miller, D.L. *see* Hwang, W.-Y. 84347
Miller, D.L. *see* Schubert, E.F. 85309
Miller, D.M. *see* Almstrum, V.L. 103337
Miller, D.M. *see* Muranaka, N. 73315
Miller, D.W. *see* Hines, J.W. 111748
Miller, E.K. *see* Adve, R.S. 82531
Miller, E.M., Kreder, K.J., Siebes, M. Design and development of an electromechanical ultrasound probe holder for urodynamics testing 110772
Miller, F. *see* Wagner, W.E., III 113482
Miller, G. Analyzing transformer insulating fluid 91597
Miller, G., Salatino, M. A high frequency, high power miniature DC to DC power supply utilizing MCM-L technology 61653

Miller, G.D., Batchko, R.G., Fejer, M.M., Byer, R.L. Visible quasi-phase-matched harmonic generation by electric-field-poled lithium niobate 96682
Miller, G.D. *see* Kuo, S.M. 60438
Miller, G.M. *see* Hill, C.A. 107078
Miller, H. *see* Konecke, S. 82235
Miller, H. *see* Reid, J. 102827
Miller, H.C. *see* Watson, J.P. 96728
Miller, H.G. *see* Plastino, A. 117119
Miller, I. *see* Jia-Hong Gao 120345
Miller, J. *see* Agwani, S. 100121
Miller, J. *see* Bonito Oliva, A. 95560
Miller, J. *see* Devernoe, A. 95533
Miller, J. *see* Nolting, E. 69899
Miller, J. *see* Sheats, J.R. 116244
Miller, J. *see* Tran, T.D. 112303
Miller, J. *see* Xu, X. 80529
Miller, J. *see* Zabih, R. 86413
Miller, J.A. *see* Gignac, L.M. 95109
Miller, J.A. *see* Potter, W.D. 60876
Miller, J.D., Rosario, J., Schneider, R.F., Nolting, E.E., Stark, R.A., Kenyon, V.L., III, Sethian, J.D., Nguyen, K.T. Large area electron beam mode for soft X-ray simulation on Casino 69900
Miller, J.D. *see* Monroe, C. 95896
Miller, J.E. Mistakes to avoid in the introduction of compressed video 109890
Miller, J.E., Miller, S.L. DS-SS-CDMA uplink performance with imperfect power control and a base station antenna array 109417
Miller, J.F., Thomson, P. Restricted evaluation genetic algorithms with Tabu search for optimising boolean functions as multi-level AND-EXOR networks 113868
Miller, J.H., Jr. *see* Fan, N.Q. 84913
Miller, J.J.H. *see* Farrell, P.A. 82552
Miller, J.L. Analogs of Grobner bases in polynomial rings over a ring 72617
Miller, J.L. *see* DiMarco, D. 73357
Miller, J.L. *see* Ehrlich, R.B. 85422
Miller, J.L. *see* Pennington, D.M. 85424
Miller, J.L., Jr. *see* Feggeler, J.C. 78683
Miller, J.L., Jr. *see* Feggeler, J.C. 88591
Miller, J.M. Synthesis of pulse width modulated and inclined binary high frequency diffractive optical elements 96761
Miller, J.M., de Beaucoudrey, N., Chavel, P., Cambril, E., Launois, H. Synthesis of a sub-wavelength-pulse-width spatially modulated array illuminator for 0.633 μm 105828
Miller, J.M. *see* Bett, T.H. 85419
Miller, J.M. *see* Kassakian, J.G. 103145
Miller, J.P. *see* Ouyang, J. 83779
Miller, J.R. *see* Fernandes, R. 111136
Miller, J.R. *see* Fernandes, R. 120670
Miller, J.V., Stewart, C.V. MUSE: robust surface fitting using unbiased scale estimates 86396
Miller, J.W. *see* Prud'homme, M. 61916
Miller, K., Dingley, C. Medium voltage rural distribution line protection 102093
Miller, K.A. *see* Sims, R.D. 91843
Miller, K.M. *see* Reginatto, M. 101575
Miller, L.E. *see* Jhong Sam Lee 88215
Miller, L.L. The response of longitudinal and transverse pickup coils to a misaligned magnetic dipole 119617
Miller, L.M., Podosek, J.A., Kruglick, E., Kenny, T.W., Kovacich, J.A., Kaiser, W.J. A μ-magnetometer based on electron tunneling 79361
Miller, L.M. *see* Muller, L. 80558
Miller, M., Lakes, R.S., Conner, S. Optical testing of hard disks 64614
Miller, M. *see* Endo, T.R. 70400
Miller, M. *see* Grabherr, M. 107247
Miller, M. *see* Liu, Y.-M. 100215
Miller, M. *see* Peck, D.H. 81834
Miller, M. *see* Zorn, M. 105147
Miller, M.A. *see* Zhou, Z.-L. 110536
Miller, M.E. *see* Palais, J.C. 116768
Miller, M.F., Kessler, W.J., Allen, M.G. Diode laser-based air mass flux sensor for subsonic aeropropulsion inlets 111065
Miller, M.F. *see* Davis, S.J. 107053
Miller, M.G., Mullenhoff, C.J., Kiefer, R.D., Brase, J.M., Wieting, M.G., Berry, G.L., Jones, H.E. Preliminary results of the LLNL airborne experimental test-bed SAR system 109754
Miller, M.H. *see* Dilmanian, F.A. 90434
Miller, M.I. *see* Christensen, G.E. 108704
Miller, M.I. *see* Haller, J.W. 101233
Miller, M.I. *see* Lanterman, A.D. 86936
Miller, M.I. *see* Lanterman, A.D. 98277
Miller, M.I. *see* Mark, K.E. 66575
Miller, M.M. *see* Selvaggi, J.A. 75370
Miller, M.S., Jeppesen, S., Hessman, D., Kowalski, B., Maximov, I., Junno, B., Samuelson, L. Assembling strained InAs islands by chemical beam epitaxy 61291
Miller, M.S., Jeppesen, S., Kowalski, B., Maximov, I., Samuelson, L. Directional dependence of InAs island formation on patterned GaAs 103940
Miller, M.S., Maim, J.-O., Pistol, M.-E., Jeppesen, S., Kowalski, B., Georgsson, K., Samuelson, L. Stacking InAs islands and GaAs layers: strongly modulated one-dimensional electronic systems 113298
Miller, M.S. *see* Junno, B. 103868
Miller, M.S. *see* Kowalski, B. 63000
Miller, M.S. *see* Omling, P. 83935
Miller, M.S. *see* Wang, A. 79473
Miller, M.S. *see* Weman, H. 62866
Miller, M.S. *see* Weman, H. 62915
Miller, N.W., Zrebiec, R.S., Delmerico, R.W., Hunt, G. Design and commissioning of a 5 MVA, 2.5 MWh battery energy storage system 121414
Miller, P., Acha, E., Miller, T.J.E. A modern teaching experiment for the polyphase transformer 91604
Miller, P. *see* Hirst, E. 70673
Miller, P. *see* Kacejko, P.A. 90958
Miller, P. *see* Wright, H. 75667
Miller, P.D. Zero-crosstalk junctions made from dark solitons 65467
Miller, P.D., Akhmediev, N.N. Transfer matrices for multiport devices made from solitons 65466
Miller, P.D., Akhmediev, N.N., Ankiewicz, A. Optical conveyor belts: a new scheme for fiber communications 78847
Miller, P.D., Akhmediev, N.N., Ankiewicz, A. Optical conveyor belts: a new scheme for fiber communications 96659
Miller, P.D. *see* Bang, O. 76138
Miller, P.D. *see* Bang, O. 96652
Miller, P.D. *see* Corby, N.R. 101091
Miller, R. *see* Fink, R.L. 89322
Miller, R. *see* Garrison, A. 90698
Miller, R. *see* Howson, P.A. 81166
Miller, R. *see* Ko, K. 89759
Miller, R. *see* Krejcik, P. 89652
Miller, R. *see* Raubenheimer, T. 89588
Miller, R. *see* Saez, P. 90076
Miller, R. *see* Stopper, H. 83663
Miller, R. *see* Tatchyn, R. 96526
Miller, R. *see* Whitham, K. 79804
Miller, R. *see* Whitham, K. 89719
Miller, R. *see* Wright, J.J. 101391
Miller, R. *see* Zhang, Y. 81562
Miller, R.A., Bhushan, B. Substrates for magnetic hard disks for gigabit recording 64411
Miller, R.A., Burr, G.W., Tai, Y.-C., Psaltis, D. A magnetically actuated MEMS scanning mirror 95236
Miller, R.A. *see* Tang, H. 90106
Miller, R.D., Burland, D.M., Jurich, M., Lee, V.Y., Moylan, C.R., Thackara, J.I., Twieg, R.J., Verbiest, T., Volksen, W. High temperature NLO chromophores and polymers 85642
Miller, R.D. *see* Moylan, C.R. 64782
Miller, R.E., Yong Xue Bridging the gap between formal specification and analysis of communication protocols 109034
Miller, R.E. *see* Hong Liu 87423
Miller, R.H. *see* Palmer, D.T. 89709
Miller, R.H. *see* Palmer, D.T. 100527
Miller, R.H. *see* Yeremian, A.D. 100437
Miller, R.J. *see* Totterman, S.M.S. 80364
Miller, R.M. *see* Walters, S.D. 102202
Miller, S. *see* Levush, B. 62636
Miller, S. *see* Muniandy, R. 72348
Miller, S. *see* Piedboeuf, J.-C. 110393
Miller, S. *see* VanderLaan, J.F. 110036
Miller, S.A., Yang Xu, MacDonald, N.C. Micromechanical cantilevers and scanning probe microscopes 74903
Miller, S.A. *see* Christenson, G.L. 64623
Miller, S.D. High dose dosimetry using optically stimulated luminescence 110999
Miller, S.D., Yoder, C. Cooled optical luminescence dosimetry in plastic matrices 110980
Miller, S.L., Sniegowski, J.J., LaVigne, G., McWhorter, P.J. Friction in surface micromachined microengines 106289
Miller, S.L. *see* Miller, J.E. 109417
Miller, S.L. *see* Strom, E.G. 119023
Miller, S.M., Antonsen, T.M., Jr., Levush, B., Vlasov, A.N. Cyclotron resonances in relativistic BWO's operating near cutoff 105071
Miller, S.M. *see* Levush, B. 105079
Miller, S.P., Hemmati, F., Layer, D.H., Johnson, P.N. A B-ISDN compatible 140/155-Mbit/s modem/codec 98799
Miller, T. *see* Kalbitzer, S. 94681
Miller, T.E. *see* Mueller, K.A. 79787
Miller, T.J. Rapid prototyping automotive connectors 122065
Miller, T.J. *see* Baude, P.F. 65244
Miller, T.J. *see* Baude, P.F. 74430
Miller, T.J. *see* Buijs, M. 85513
Miller, T.J. *see* Lim, T.H. 105239
Miller, T.J. *see* Sherry, W.M. 119228
Miller, T.J.E. *see* Bremner, J.J. 70649
Miller, T.J.E. *see* Deodhar, R.P. 71258
Miller, T.J.E. *see* Deodhar, R.P. 81405
Miller, T.J.E. *see* Deodhar, R.P. 111895
Miller, T.J.E. *see* Gribble, J.J. 121466
Miller, T.J.E. *see* Miller, P. 91604
Miller, T.J.E. *see* Rico, J.J. 91601
Miller, T.M. *see* Dodabalapur, A. 89327
Miller, W., Owyang, K. Designing a high performance FPGA–using the PREP Benchmarks 61743
Miller, W. *see* Furer, M. 86107
Miller, W. *see* Hopwood, L. 98345
Miller, W., Jr. *see* Kalnins, E.G. 72570
Miller, W.C. *see* Djahanshahi, H. 93646
Miller, W.C. *see* Djahanshahi, H. 104752
Miller, W.C. *see* Safiri, H. 93587
Miller, W.C. *see* Wang, Z. 97846
Miller, W.C. *see* Zhongde Wang 77062
Miller, W.H. *see* Morakis, J.C. 88691
Miller, W.H. *see* Pen-Shu Yeh 66625
Miller, W.H. *see* Pen-Shu Yeh 120697
Millerd, J.E., Brook, N.J., Brown, M.S., DeBarber, P.A., Trivedi, S. Resonant holographic interferometry with ZnTe:V,Mn 116740
Millers, K. *see* Birtwhistle, D. 70936
Millet, C., Leroux, D., Bergmann, C. Field oriented control of induction machine–simulation and realization 91519
Millet, P., Michas, A., Durand, R. A solid polymer electrolyte-based ethanol gas sensor 119762
Millet, P. *see* Dujardin, G. 63342
Millett, P.J. *see* Kassen, W.R. 102385
Millev, Y. The concept of anisotropy flows in thickness- and temperature-driven reorientation transitions in ultrathin ferromagnetic films 115538
Millev, Y., Fahnle, M. How peculiar can the temperature variation of magnetic anisotropy be: limitations by a general theorem 115476
Millham, E. *see* Gould, S. 113853
Millich, A. Optimization of CLIC transfer structure (CTS) design to meet new drive beam parameters 100678
Milligan, T. *see* Hawkins, D.C. 108018
Milligan, T. *see* Mishra, R.K. 76568
Milliken, B. *see* Allbritton, G.L. 80079
Milliken, B. *see* Allbritton, G.L. 100826
Milliken, C., Elangovan, S., Khandkar, A.C. Characterization and performance of ceria based SOFCs 81853
Milliman, L. *see* Hayward, T.D. 79878
Millin, A. *see* Ngan, K.N. 77110
Millington, R.B., Mayes, A.G., Blyth, J., Lowe, C.R. A hologram biosensor for proteases 119750
Million, A., Dhar, N.K., Dinan, J.H. Heteroepitaxy of CdTe on {211}Si substrates by molecular beam epitaxy 74165
Million, G. *see* Bouclier, R. 80043
Million, T. *see* Lubowe, A. 83628
Millo, D. *see* Walker, R.P. 100451
Mills, B. *see* Chen, X. 97680
Mills, D.L. *see* Almeida, N.S. 75089
Mills, D.W., Allen, R.L., Duncan, W.M. Spectral ellipsometry on patterned wafers 63307
Mills, F. *see* Cho, Y. 79994
Mills, F.E. *see* Turner, L.R. 100999
Mills, G. *see* Arodzero, A. 80036
Mills, G.D. *see* Dowling, D.T. 100713
Mills, G.D. *see* Meigs, M.J. 79886
Mills, G.D. *see* Welton, R.F. 90072
Mills, G.S., Dobbie, W.H. DVB specifications for broadcast related interactive TV services 119365
Mills, J.D. *see* Kapoor, S. 78860
Mills, J.W. The continuous retina: image processing with a single-sensor artificial neural field network 110204
Mills, M. *see* Garratt, J. 69501
Mills, M.A. *see* Bergano, N.S. 88646
Mills, M.A. *see* Evangelides, S.G., Jr. 109667
Mills, M.A. *see* Srivastava, A.K. 65112
Mills, S.F., Yeh, S., Wasniewski, M.S., Yeh, R.T. Estimating the benefits of clinical PACS through process modelling 111009
Mills, T.B., Hebert, F. A triple-channel 90 V high-speed monolithic CRT driver circuit 61639
Millul, E. *see* Weiss, V. 96812
Millward, D.G. *see* Adams, L. 72308
Millward, D.G. *see* Adams, L. 103467
Milman, M., Redding, D., Needels, L. Analysis of curvature sensing for large-aperture adaptive optics systems 77343
Milne, A.D., Chess, D.G., Johnson, J.A., King, G.J.W. Accuracy of an electromagnetic tracking device: a study of the optimal operating range and metal interference 69953
Milne, D.K. *see* John, P. 74120
Milne, D.K. *see* Morrison, N.A. 104117
Milne, S.J. *see* Awang, Z. 84759
Milne, W.I. Tetrahedrally bonded amorphous carbon 94413
Milne, W.I. *see* Bilek, M.M.M. 113441
Milne, W.I. *see* Liu, Y.J. 104129
Milner, F.A., Park, E.-J. Mixed finite-element methods for Hamilton-Jacobi-Bellman-type equations 82559
Milner, R. *see* Truscott, J.G. 80254
Milner, R.G. *see* Kramer, L.H. 120084
Milner, S.H., Elmirghani, J.M.H., Cryan, R.A. Optimal echo path modelling using chaotic modulated speech 86125
Milner, S.H. *see* Elmirghani, J.M.H. 66604
Milner, T.E., Smithies, D.J., Goodman, D.M., Lau, A., Nelson, J.S. Depth determination of chromophores in human skin by pulsed photothermal radiometry 101081
Milner, T.E. *see* Anvari, B. 101410
Milnes, A.G. *see* Polyakov, A.Y. 83905
Milnes, A.G. *see* Polyakov, A.Y. 92843
Milnes, A.G. *see* Zhang, Y.G. 105478
Miloche, M. *see* Theys, B. 94360
Miloh, T. *see* Segal, A. 80739
Milonni, P.W., Auerbach, J.M., Eimerl, D. Frequency conversion modeling with spatially and temporally varying beams 85614
Milor, L. *see* Mien Li 84562
Milori, D.M.B.P. *see* Tuboy, A.M. 96389
Milosavljevic, C. *see* Golo, G. 93181
Milosavljevic, M. *see* Stojanovic, M. 114799
Milosavljevic, S. *see* Jeftenic, B. 121933
Milosevic, B. *see* Djukanovic, M. 70799
Milosevic, M. *see* Bulatovic, S. 111485

Milosevic, Z., Arnold, D., O'Connor, L. Inter-enterprise contract architecture for open distributed systems: security requirements 118496
Milosevic, Z. *see* Stojanovic, M. 114799
Miloshenko, V.E., Golev, I.M. Physical processes in the elastic elements of cryogenic accelerometers 89507
Milosic, Z. The application of the model of the ultrasound electronic system with the Doppler principle in the determination of ship roll and pitch angles 80702
Miloslavsky, L. *see* Ravipati, D. 64261
Milosvlasky, L. *see* Liu, F.H. 75254
Milosvlasky, L. *see* Liu, F.H. 115663
Milosz, M. *see* Kwiatkowska, A. 76351
Milotti, E. *see* De Riva, A.M. 96579
Miloucheva, I., Bonnesz, O. XTPX based multimedia transport system for flexible QoS support 67910
Miloucheva, I., Bonnesz, O., Swieckowski, G. Tuning of protocol parameters for enhanced QoS guarantee and network utilization 118487
Miloucheva, I., Ziegler, T. Protocol mechanisms for reliable transmission and flow control on multimedia highways 109200
Miloucheva, I. *see* Metzler, B. 98455
Milov, A.M. *see* Kezerashvili, G.Ya. 120092
Milov, I. *see* Vygovsky, E. 64607
Milovancev, S., Vujicic, V., Katic, V., Zupunski, I. An intelligent multichannel converter of AC electrical power and/or voltage and current RMS values 69014
Milovanov, A.F. *see* Arbuzov, Yu.D. 81871
Milovanov, A.F. *see* Averbukh, T.G. 81872
Milovanov, A.F. *see* Averbukh, T.G. 102974
Milovanov, A.F. *see* Kagan, M.B. 81870
Milovanov, A.S. *see* Luginets, A.M. 72747
Milovanovic, B. *see* Mladenovic, M. 71901
Milovanovic, M. *see* Khanifar, A. 109691
Milovidov, V.L. Low-background IR camera with image translation 89109
Milroy, I.P., Johnson, R.A., Gaertner, P.S. Performance of AC diesel-electric locomotives in typical Australian tasks 91844
Milshin, A. *see* Liberman, B. 120870
Milshin, A. *see* Liberman, B. 120883
Mil'shtein, S., Kharas, D., Iatrou, S., Gray, K. Electron beam testing of semiconductor devices 60559
Milstein, L. *see* Dietrich, P. 109414
Milstein, L.B. Broadband code division multiple access 88224
Milstein, L.B. On the use of CDMA for mobile satellite communication 118854
Milstein, L.B. *see* Davis, M. 118784
Milstein, L.B. *see* Eng, T. 109353
Milstein, L.B. *see* Fitzpatrick, K.K. 77559
Milstein, L.B. *see* Gottesman, L.D. 118757
Milstein, L.B. *see* Gottesman, L.D. 119022
Milstein, L.B. *see* Jiangzhou Wang 119016
Milstein, L.B. *see* Ning Kong 68238
Milstein, L.B. *see* Vojcic, B.R. 99232
Milstein, L.B. *see* Zorzi, M. 68208
Milster, T.D., Chen, Z. Combination of ray-trace and diffraction modeling to describe coupling laser diodes to fibers and waveguides 75538
Milster, T.D., Chen, Z., Walker, E.P., Tuell, M.T., Gage, E.C. Optical data storage readout with quadrant pupil detection 64636
Milster, T.D., Walker, E.P. Mechanism for improving the signal-to-noise ratio in scanning optical microscopes 95662
Milster, T.D. *see* Vernold, C.L. 116759
Miltersen, P.B., Paterson, M., Tarui, J. The asymptotic complexity of merging networks 87275
Milton, B. *see* Kuo, T. 100702
Milton, B.F., Stevenson, N.R. Cyclotrons for isotope production 79800
Milton, H. *see* Davies, P. 99092
Milton, S. *see* Lumpkin, A. 100540
Milton, S.V. The APS booster synchrotron: commissioning and operational experience 79824
Milton, S.V., Carwardine, J.A. Ramp tuning of the APS booster synchrotron magnet power supplies 100616
Milton, S.V. *see* Carwardine, J.A. 100425
Milton, S.V. *see* Sheynin, S. 89801
Milton Feng *see* Feng Gao 73740
Milutin, G. *see* Jevtic, M. 91430
Milutinovic, N., Obradovic, M., Arandjelovic, V., Rodic, R. Suppression of image frequency mode in microprocessor-controlled frequency synthesising systems 73136
Milutis, E. *see* Sipavichyus, Ch. 107669
Milutis, E. *see* Sipavichyus, Ch. 107670
Milverton, P. *see* Hemmerich, J.L. 110250
Milykh, V.I. The research of the magnetic field and electrodynamic parameters of the linear electric motor with large gap 102753
Milykh, V.I. *see* Dan'ko, V.G. 102752
Milyukov, V.K. *see* Buklerskii, A.V. 101506
Milz, S. *see* Eckstein, F. 120340
Mima, H. *see* Nosaka, T. 114510
Mima, K. *see* Asakawa, M. 96555
Mima, K. *see* Chen, J. 96531
Mima, K. *see* Fujita, M. 96451
Mima, K. *see* Furukawa, H. 96508
Mima, K. *see* Goto, M. 96511
Mima, K. *see* Ohigashi, N. 110518
Mimashi, T. *see* Kurokawa, S.-I. 89928
Mimoune, S.M., Fouladgar, J., Chentouf, A., Develey, G. A 3D impedance calculation for an induction heating system for materials with poor conductivity 71916
Mims, N.G. *see* McKenzie, B.K. 92055
Mimura, A., Mikami, Y., Kuwabara, K., Mori, Y., Nagai, M., Nagae, Y., Kaneko, E. Low-temperature poly-Si TFT process technology for large glass substrate 84604
Mimura, H., Hosoda, M., Tominaga, K., Watanabe, T., Fujiwara, K. Absorption saturation mechanism in short-period GaAs/AlAs superlattice self-electro-optic effect devices based on Wannier-Stark localization 64802
Mimura, H., Matsumoto, T., Kanemitsu, Y. Light emitting devices using porous silicon and porous silicon carbide 64957
Mimura, H., Matsumoto, T., Kanemitsu, Y. Si-based optical devices using porous materials 64961
Mimura, H., Matsumoto, T., Kanemitsu, Y. Green and blue light emitting devices using Si-based porous materials 96012
Mimura, H., Ohtani, N., Hosoda, M., Tominaga, K., Watanabe, T. Carrier transport affected by Γ-X resonance in GaAs/AlAs type-I short-period superlattices 94510
Mimura, H. *see* Hashiguchi, G. 74889
Mimura, H. *see* Hosoda, M. 83957
Mimura, H. *see* Ohtani, N. 63080
Mimura, K., Okada, M., Kurata, K. Capacity of autocorrelation associative memory with quantized synaptic weight 73334
Mimura, K. *see* Taniguchi, M. 62718
Mimura, M. *see* Masegawa, M. 88262
Mimura, M. *see* Yasukawa, Y. 95549
Mimura, R. *see* Matsuzaki, S.-I. 103149
Mimura, T. *see* Shimojo, S. 71720
Mimura, Y., Edamatsu, K., Itoh, T. Infrared transient absorption of confined excitons in CuCl quantum dots 74302
Mimura, Y., Kiuchi, M., Anzai, K., Machida, K. A silicon oxide antireflective layer for optical lithography using electron cyclotron resonance plasma deposition 75678
Min, A.De *see* De Min, A.
Min, B.-D. *see* Kwon, B.-H. 102844
Min, B.-H. *see* Park, C.-M. 115223
Min, B.C. *see* Oh, B. 115932
Min, B.G. *see* Run-Han Wang 115761
Min, B.H., Park, C.H., Han, M.K. A novel self-aligned offset gated polysilicon TFT without an additional offset mask 84405
Min, B.H. *see* Choi, H.S. 94421
Min, B.W. *see* Joshi, A.B. 95028
Min, H.-S. *see* Song, D. 74748
Min, J., Chu, P.K., Cheng, Y.C., Liu, J.B., Iyer, S.S.K., Cheung, N.W. An economical fabrication technique for SIMOX using plasma immersion ion implantation 84023
Min, J., Chu, P.K., Lu, X., Iyer, S.S.K., Cheung, N.W. Gettering effects of helium cavities created by high dose plasma immersion ion implantation 105552
Min, J., Samueli, H. Synchronization techniques for a frequency-hopped wireless transceiver 109429
Min, J.S. *see* Huan-Chang Liu 68139
Min, K., Orgusaar, R., Youngblood, E. Transmission and scattering of short EM pulses 97173
Min, K.-S., Hirokawa, J., Sakurai, K., Ando, M., Goto, N. Single-layer dipole array for linear-to-circular polarisation conversion of slotted waveguide array 76654
Min, K.S., Shcheglov, K.V., Yang, C.M., Atwater, H.A., Brongersma, M.L., Polman, A. The role of quantum-confined excitons vs defects in the visible luminescence of SiO_2 films containing Ge nanocrystals 62836
Min, K.S. *see* Kim, J.S. 75418
Min, N.-K. *see* Kim, J.-H. 98958
Min, P.S., Saidi, H., Chandra, A., Hegde, M.V. Architecture and performance of nonblocking copy networks with multi-channel switching 77687
Min, P.S. *see* Rayes, A. 77796
Min, P.S. *see* Vargas, C. 117989
Min, S.-K. *see* Kim, T.-G. 114749
Min, S.-K. *see* Son, C.-S. 114607
Min, S.I. *see* Chang, S.K. 74173
Min, S.I. *see* Lee, C.D. 74172
Min, S.K. *see* Hwang, S.W. 106085
Min, S.K. *see* Park, Y.J. 62753
Min, W.S. *see* Hoon-Soo Park 82937
Min Byoung Goo *see* Byoung Goo Min
Min Byung Don *see* Byung Don Min
Min Byung-Hyuk *see* Byung-Hyuk Min
Min Byung-Soo *see* Byung-Soo Min
Min Cheong Jong *see* Jong Min Cheong
Min Deuk-Gi *see* Deuk-Gi Min
Min Du, Chan, A.K. Decoupling of solitons in cross-phase modulation systems 76113
Min Duc Tran *see* Ferro, G. 113472
Min Fan *see* Fan Min
Min Gi Kwak, Youn Soo Park, Hyung Kun Kim, Kyung Dong Jang, Sang Geul Lee, Sang Yoon Lee, Sang Ho Sohn, Myung Hwan Oh, Taek Sang Han, Yun Hi Lee The electro-optical properties of blue-emitting CaF_2:Mn thin film electroluminescent devices 85292
Min Gi Kwak *see* Nyung Kun Kim 85288
Min Gi Kwak *see* Youn Soo Park 85290
Min Gyu Kim, Nobuyuki Imoto, Kyuman Cho, Myung Shik Kim Quantum noise in optical beam propagation in distributed amplifiers 107160
Min Hao *see* Yun Feng 63862
Min Hong Shick *see* Hong Shick Min
Min Hong-Shick *see* Hong-Shick Min
Min Hwan Ban, Gyo Tae Lee Study of velocity measurements of turbulent natural convection using improved laser spot photography 69507
Min Hwang Seong *see* Seong Min Hwang
Min Hwang Sung *see* Sung Min Hwang
Min Hyoung Cho *see* Soo Yeol Lee 90486
Min Ii *see* Lin Zhang 61452
Min Jang, Doh Sang Yoon, Ok Kyun Oh, Jin Ho Choi, Kwan-Hee Yoo Multimedia services based on the ATM network: VOD and home shopping 109255
Min Jang *see* Doh Sang-Yoon 109252
Min Jhon Young *see* Young Min Jhon
Min Ji *see* Shi Jin 92966
Min Jiang, Sha, W., Rahman, L., Barnett, B.C., Andersen, J.K., Islam, M.N., Reddy, K.V. Synchronization of two passively mode-locked erbium-doped fiber lasers by an acousto-optic modulator and grating scheme 75855
Min Jiang, Zhongkai Wang, Ronxiang Ma, Ximin Huang Display property of amorphous non-twisted, twisted and supertwisted nematic liquid crystal cells 89348
Min Jianq *see* Jianq Min
Min Jinrong *see* Wang Cong 75309
Min Kim Chang *see* Chang Min Kim
Min Kim Jong *see* Jong Min Kim
Min Kim Kyoung *see* Kyoung Min Kim
Min Kim Young *see* Kim Young Min
Min Kim Young *see* Young Min Kim
Min Koo Han *see* Kyung Ha Lee 92904
Min Kyeong-Ik *see* Kyeong-Ik Min
Min Kyeong-Sik *see* Kyeong-Sik Min
Min Kyoung-Jin *see* Kyoung-Jin Min
Min Kyoung-Sun *see* Kyoung-Sun Min
Min Kyu Song *see* Seung Goo Kang 119229
Min Kyung Chong *see* Chong Min Kyung
Min Kyung Sun *see* Kyung Sun Min
Min Lai *see* Lai Min
Min Ling *see* Ling Min
Min Liu, Salama, C.A.T., Schvan, P., King, M. A fully resurfed, BiCMOS-compatible, high voltage MOS transistor 105998
Min Liu *see* Chyan, O. 112298
Min Liu *see* Liu Min
Min Ma *see* Ma Min
Min Naiben *see* Liao Liangsheng 83791
Min Nam Hyung *see* Hyung Min Nam
Min Nam-Ki *see* Nam-Ki Min
Min Park Hee *see* Hee Min Park
Min Park Young *see* Young Min Park
Min Sang Lyul *see* Sang Lyul Min
Min Sang Won *see* Sang Won Min
Min Seung Il *see* Seung Il Min
Min Shao *see* Hecht-Nielsen, R. 77308
Min Shao *see* Tsihrintzis, G.A. 86280
Min Shuangquan, Huang Dexiu The sensitivity analysis of receiver with an optical preamplifier 109631
Min Su Cho *see* Hee Jin Lim 87939
Min Suk-Ki *see* Suk-Ki Min
Min Suk-Won *see* Suk-Won Min
Min Sun *see* Menaldi, J.-L. 92446
Min Sung-Wook *see* Sung-Wook Min
Min Sungoh *see* Sungoh Min
Min Sup Kim, Soon-Jae Cho, Seong-Dae Kim 3D object recognition from a 2D image using simple pose estimation 87107
Min Sup Kim *see* Soon-Jae Cho 86655
Min Tun Soe *see* Soe Min Tun
Min Wan Ki *see* Wan Ki Min
Min Yinghua *see* Zong Yingqin 61573
Min Yinghua *see* Yinghua Min
Min Yong Jeon *see* Ho Jin Jeong 69211
Min Yoo Hong *see* Yoo Hong Min
Min Youn Jung *see* Jung Min Youn
Min Young Chung *see* Sang Hyuk Kang 88415
Min Young Chung *see* Tai Suk Kim 109432
Min Zeng *see* Zeng Min
Min Zhang, Weiland, T. Constrained optimization of accelerating cavity by means of the least-step concept 69663
Min Zhao, Kermanshahi, B., Yasuda, K., Yokoyama, R. Fuzziness of decision making and planning parameters for optimal generation mix 121074
Min-Cai He *see* Ying Guo 79401
Min-Cheng Huang *see* Kuen-Jong Lee 115350
Min-Cheol Oh *see* Sang-Shin Lee 79638
Min-Cheol Oh *see* Wol-Yon Hwang 64813
Min-Chiang Wang *see* Shihyu Chou 60663
Min-Chie Jeng *see* Kai Chen 95012
Min-Chie Jeng *see* Yuhua Cheng 114142
Min-Chih Chou *see* Wen-Yao Shi 70215
Min-Chung Ho *see* Pin-Fan Chen 114260
Min-Chung Lue Standard voltage setting for automatic voltage regulator of transformer 121537
Min-Goo Kim, Jae Hong Lee (4, 20) runlength limited modulation code for high density storage system 64395
Min-Goo Kim, Jae Hong Lee Decoder error probability of binary linear block codes and its application to binary primitive BCH codes 66293

Min-Goo Kim, Jae Hong Lee Undetected error probabilities of binary primitive BCH codes for both error correction and detection 66521
Min-Goo Kim, Kwang Man Ok, Jae Hong Lee Performance comparison of detection methods in magneto-optical disc system with (1, 7) RLL code 75620
Min-Gu Kang, Moon-Ho Jo, Hyung-Ho Park, Chan-Ho Kim Angle resolved X-ray photoelectron spectroscopic analysis on the surface of wet-etched copper 94815
Min-Gyu Kim, Seung-Hoon Lee, Shin-Il Lim A study on a CMOS analog cell-library design–a CMOS on-chip current reference circuit 93120
Min-Hsuan Chen, Mei-Mei Chiou, Wei-Kuo Hong, Watanabe, Y. International network management data exchange: benefit assessment by simulation 77873
Min-Hua Jiang *see* Jiang Min-Hua
Min-Hwa Chi *see* Bergemont, A. 104535
Min-Jen Tsai, Villasenor, J.D., Chatziioannou, A., Dahlbom, M. Positron emission tomograph compression by using wavelet transform 90443
Min-Jeong Kim *see* Sang-Baeg Kim 77599
Min-Ki Kim, Mun-Kyu Park, Oh-Sung Kwon, Young-Bin Kwon Automatic region labeling of the layered map 67489
Min-Koo Han *see* Byung-Hyuk Min 84442
Min-Koo Han *see* Chong-Man Yun 74723
Min-Koo Han *see* Chong-Man Yun 84370
Min-Koo Han *see* Doo-Young Kim 94902
Min-Koo Han *see* Hong-Seok Choi 105124
Min-Koo Han *see* Jae-Hyung Kim 74764
Min-Koo Han *see* Jin-Won Kim 84383
Min-Koo Han *see* Kwon-Young Choi 94994
Min-Koo Han *see* Kwon-Young Choi 95043
Min-Koo Han *see* Seong-Dong Kim 94947
Min-Kyu Kim, Hyang-Beom Lee, Hyun-Kyo Jung, Song-Yop Hahn, Cheol-Gyun Lee, Jeong-Tae Park Multiobjective optimal design consideration of induction motors 102717
Min-Kyu Kim, Hyun-Kyo Jung, Chang Seop Koh, Baek-Soo Suh, Song-Yop Hahn Electric resistivity tomography for geophysical inverse problems 97815
Min-Kyu Kim *see* Gyudong Kim 73515
Min-Kyu Kim *see* Gyudong Kim 74711
Min-Kyu Kim *see* Jang-Sung Chun 97001
Min-Kyu Kim *see* Jeong-Tae Park 111962
Min-Kyu Song *see* Gwan-Chong Joo 119216
Min-Su Cho *see* Ki-Ryeung Kimo 78143
Min-Su Fung *see* Nagalingam, S. 105640
Min-Su Jeong *see* Bo-Eun Kim 104724
Min-Sub Chung, Chang-Min Kim Evaluation of the WKB method and the MWKB method in the analysis of planar waveguides 75513
Min-Yang Su, Gen-Huey Chen, Dyi-Rong Duh Broadcasting on incomplete WK-recursive networks 77566
Min-Yong Jeon, Sugie Shim, Hak-Kyu Lee, Kyong-Hon Kim, Seo-Yeon Park, El-Hang Lee Passive mode-locked and tunable soliton fiber laser 65073
Min-Yong Jeon *see* Hak Kyu Lee 88568
Min-Yong Jeon *see* Jong-Dug Shin 78942
Min-Yong Jeon *see* Kyong Hon Kim 65079
Min-Yong Jeon *see* Kyong Hon Kim 65103
Min-Yong Leon, Wang-Yuhl Oh, Hak-Kyu Lee, Kyong-Hon Kim, Sugie Shim, Byoung Yoon Kim, Hai-Woong Lee, El-Hang Lee Passively mode-locked high power fiber laser using a Sagnac loop reflector 65101
Mina, C. *see* Legnani, G. 88891
Mina, M. *see* Masri, W. 111391
Mina, R., Karlsson-Troadec, J. Developing management systems for a new business environment 108967
Minaenko, A.A. *see* Braunschweig, W. 120173
Minaev, Y. *see* Faschingbauer, U. 110557
Minaeva, O.A. *see* Anevsky, S.I. 88895
Minafra, A. *see* Bruno, G. 61264
Minagawa, S. *see* Ishitani, Y. 114766
Minagawa, S. *see* Kita, T. 62857
Minagawa, T., Ichikawa, Y., Sato, M., Ishihara, Y. An approach to select generators swinging coherently and a method to detect loss of synchronism using power and current measured on a line 121433
Minagawa, Y. *see* Kikutani, E. 100622
Minakata, M. $LiNbO_3$ broad-band optical modulators 95820
Minakata, M., Yonai, T., Yamada, K. DC drift free Ti diffused $LiNbO_3$ optical modulators 95819
Minakata, M. *see* Kadota, M. 92827
Minakawa, A. *see* Imai, N. 63769
Minakawa, A. *see* Matsui, K. 104863
Minambres, J.F., Zamora, I., Mazon, A.J., Zorrozua, M.A., Alvarez-Isasi, R. A new technique, based on voltages, for fault location on three-terminal transmission lines 121143
Minambres, J.F. *see* Mazon, A.J. 71011
Minami, E. *see* Ishibashi, Y. 79184
Minami, F. *see* Hasegawa, A. 116635
Minami, F. *see* Ito, H. 76125
Minami, F. *see* Kuroda, T. 74249
Minami, F. *see* Matsushita, S.I. 74248
Minami, F. *see* Mitsumori, Y. 74243
Minami, H., Sasaoka, H., Hamaguchi, K. High performance soft decision decoding using a table-aided algorithm for block-coded 16 QAM in land mobile communications 118890
Minami, H. *see* Ishihara, T. 81785
Minami, H. *see* Kashiwa, T. 62356
Minami, H. *see* Kurioka, T. 109949
Minami, H. *see* Tanimoto, M. 67123
Minami, K. *see* Cabuz, C. 63984
Minami, K. *see* Geunbae Lim 110872
Minami, K. *see* Jaejoon Choi 106267
Minami, K. *see* Ohtsu, M. 74938
Minami, K. *see* Park, K. 120482
Minami, K. *see* Tanaka, K. 74078
Minami, M. *see* Hayeiwa, K. 109343
Minami, M. *see* Higuchi, H. 93355
Minami, M. *see* Kurimoto, H. 114343
Minami, N., Wakasugi, K., Kasahara, M. A note an lattice quantized coded modulation method 66248
Minami, N., Wakasugi, K., Kasahara, M. A note on fast Λ_{16} lattice quantizer for picture data 86341
Minami, S., Adachi, E., Adachi, H. An application of polyphenylsilsesquioxane (PPSQ) to organic anti reflective coating (ARC) [photolithography] 115110
Minami, T., Kakumu, T., Takata, S. Preparation of transparent and conductive In_2O_3-ZnO films by radio frequency magnetron sputtering 92796
Minami, T., Kasai, R., Matsuda, H., Kusaba, R. A high-speed high-density array-multiplier-accumulator for digital signal processing 83087
Minami, T., Kuroi, Y., Takata, S. Preparation of $ZnGa_2O_4$:Mn phosphor thin films as emitting layers for electroluminescent devices 92797
Minami, T., Takata, S., Kakumu, T. New multicomponent transparent conducting oxide films for transparent electrodes of flat panel displays 95624
Minami, T., Takata, S., Kuroi, Y., Maeno, T. New high-luminance thin-film electroluminescent devices using $ZnGa_2O_4$ phosphor emitting layers 106988
Minami, T. *see* Ishii, M. 104168
Minami, T. *see* Kondo, S. 81583
Minami, T. *see* Suguri, K. 77531
Minami, Y. *see* Mack, C.A. 115048
Minami, Y. *see* Sekiguchi, A. 74654
Minami, Y. *see* Sekiguchi, A. 105749
Minami, Y. *see* Sekiguchi, A. 115049
Minamide, H., Murakami, T., Ohnishi, K. A construction of visual servo controller by Kalman filter and created window 86996
Minamide, M. *see* Yasuda, K. 74175
Minamiguchi, T. *see* Fujita, M. 96451
Minamihara, S., Yamashita, K., Watanabe, H. A high-CNR DFB laser diode for CATV use 79165
Minamihara, Y. *see* Hoyer, E. 100455
Minamihara, Y. *see* Humphries, D. 100456
Minamijima, M. *see* Sakui, M. 71483
Minamikawa, T., Tazoe, M., Segawa, K., Yonezawa, Y., Morimoto, A., Shimizu, T. Preparation of a-axis-oriented $YBa_2Cu_3O_x$ superconducting films on MgO substrates with $PrBa_2Cu_3O_x$ buffer layers 104127
Minamino, H. *see* Honmura, H. 81987
Minamitani, H. *see* Goto, E. 80217
Minamitani, T. *see* Austin, R.A. 101020
Minamitani, Y., Nakatani, H. Measurement of radiation and temperature of cathode spots in excimer laser discharge 116330
Minamiue, H. *see* Mizusaki, J. 81794
Minarini, C. *see* Mariucci, L. 94403
Minarini, C. *see* Polini, R. 61432
Minas, M. Fault detection for sequentially controlled machines using temporal constraint nets 103507
Minasian, R.A. *see* Alameh, K.E. 75842
Minasian, R.A. *see* Chieng, Y.T. 75858
Minasian, R.A. *see* Hunter, D.B. 75669
Minasian, R.A. *see* Yew Tai Chieng 85391
Minassian, H.R. *see* Avetissian, S.K. 83928
Minatani, N. *see* Hara, Y. 60581
Minato, H. *see* Hara, K. 80005
Minato, S. Spatial correlation analysis technique for randomly distributed two-dimensional data–example of terrestrial gamma-ray data 70284
Minato, S.-I. Fast factorization method for implicit cube set representation 60875
Minato, T. *see* Harada, N. 103050
Minato, T. *see* Nakamura, K. 105503
Minato, T. *see* Ogitsu, T. 100449
Minato, T. *see* Sugimoto, M. 95523
Minato, T. *see* Yokoyama, S. 95542
Minato, Y., Yokoi, Y. Development of a forecasting method of a region's electric power demand. II. Forecasting kWh requirements and maximum load 91063
Mincai He *see* He Mincai
Minch, B.A., Diorio, C., Hasler, P., Mead, C. The matching of small capacitors for analog VLSI 106233
Minch, B.A., Diorio, C., Hasler, P., Mead, C.A. Translinear circuits using subthreshold floating-gate MOS transistors 62067
Minch, J., Chang, C.S., Fang, W., Chuang, S.L., Chen, Y.K., Tanbun-Ek, T. Theory and experiment on the amplified spontaneous emission from DFB lasers 116531
Minchenko, L.I., Sakolchik, P.P. Holder behavior of optimal solutions and directional differentiability of marginal functions in nonlinear programming 92508
Mincheol Shin *see* Kyoung Wan Park 94536
Mincheol Shin *see* Kyoungwan Park 105294
Mincher, B.J., Zaidi, M.K., Arbon, R.E., McLaughlin, W.L., Schwendiman, G.L. Calibration and performance of GafChromic DM-100 radiochromic dosemeters 120561
Minchev, E. *see* Bainov, D.D. 72647
Mincheva, E. *see* Bainov, D. 92619
Minchun Li *see* Li Minchun
Minciuna, L. Aspects of the line-starting of the fractional horsepower permanent magnet synchronous motors 81416
Minck, G.H. Creating platforms for environmental technology development 60738
Mindas, C. *see* Aronstein, D. 69717
Mindas, C. *see* Kichimi, H. 69718
Mindas, C. *see* Lu, C. 69716
Minden, G.J. *see* Evans, J.B. 67796
Mindykowski, J., Masnicki, R. New approach to active electrical quantity measurements in ship power engineering system 112535
Mindykowski, J. *see* Dudojc, B. 110072
Mine, P. *see* Amiranoff, F. 79838
Mine, Ph. *see* Amiranoff, F. 89645
Mine, Ph. *see* Vasileiadis, G. 69826
Mine, S. *see* Moriyama, H. 95589
Mine, T. *see* Suzuki, T. 64621
Mine, T. *see* Yano, K. 73397
Mine, Y. *see* Kakihara, T. 78592
Mine, Y. *see* Sugizaki, G. 116361
Minea, R., Oproiu, C., Pascanu, S., Matei, C., Ferdes, O. Preliminary research concerning the use of electron accelerators to improve the conservability and to extend the shelf-life of fruits and vegetables 100762
Mineev, Yu.V., Trofimov, P.N., Elizarov, S.V. A multifunctional programmable spectrometer-dosimeter 110975
Minegishi, M., Lin, J., Itoh, T., Kawasaki, S. Mode switching in an active antenna using reactive FET 66122
Minegishi, S. *see* Kawamata, K. 81060
Minegishi, S. *see* Kawamata, K. 104916
Minehara, E.J., Sugimoto, M., Sawamura, M., Nagai, R., Kikuzawa, N. Development of the JAERI FEL driven by a superconducting accelerator 76069
Minehara, E.J. *see* Sugimoto, M. 96476
Minehisa, J. *see* Kaneda, A. 90564
Mineji, A. *see* Okumura, F. 100198
Minekata, H. *see* Huang, S. 113346
Minelly, J.D. *see* Chen, Z.J. 107151
Minelly, J.D. *see* Fermann, M.E. 96144
Minelly, J.D. *see* Fermann, M.E. 96145
Minemoto, T. *see* An, C. 85191
Minemoto, T. *see* Itoh, M. 95454
Minemoto, T. *see* Itoh, M. 95616
Minemoto, T. *see* Nakagawa, K. 85726
Minemoto, T. *see* Osugi, Y. 98158
Minemura, H. *see* Nakamura, S. 109232
Minemura, J. *see* Kitatani, T. 112391
Minemura, J. *see* Uchida, Y. 104024
Minemura, M. *see* Amada, H. 109191
Mineno, H. *see* Funada, M. 93906
Mineno, H. *see* Takeuchi, M. 68258
Mineo, Y., Suzuki, Y. Dependability assessment methods for factory automation systems using safety index 113034
Mineo, Y., Suzuki, Y., Niinomi, T., Iwatani, K., Sekiguchi, H. Safety assessment methods of FA systems 92132
Miner, C.J. *see* Moore, W.T. 103960
Minerskjold, M. *see* Eide, A. 114175
Minerskjold, M. *see* Szekely, G. 97711
Minerva, R. *see* Wakano, M. 67929
Minerva Yeung, Boon-Lock Yeo, Bede Liu Extracting story units from long programs for video browsing and navigation 99789
Minervina, E.B. *see* Krot, A.M. 108638
Minervina, Ye.B. *see* Kas'ko, A.T. 86267
Minervini, A.D. *see* Evans, P.W. 75940
Minervini, D. *see* Bava, G.P. 116122
Minervini, J.V. *see* Gung, C.Y. 106724
Minervini, J.V. *see* Smith, B.A. 102172
Minesi, D. *see* Semet, C. 119338
Minet, O. *see* Muller, G. 98197
Minett, J.W. *see* Leung, S.W. 117380
Minetti, B. *see* Agnello, M. 110583
Mineva, A., Popivanov, D. Method for single-trial readiness potential identification, based on singular spectrum analysis 120457
Mineyoshi, S. *see* Hirasawa, N. 95330
Minfeng Cheng, Fraser, C.S. Towards automatic updating of GIS 77418
Minfeng Xu *see* Kral, S.F. 91054
Ming, J., Smith, F.J. Stochastic correlation model for speech recognition 66605
Ming, N.B. *see* Liu, J.M. 92921
Ming, N.B. *see* Luo, G.P. 107490
Ming, N.B. *see* Wang, Z.L. 65539
Ming, N.B. *see* Wang, Z.L. 85663
Ming, Z.H. *see* Huang, S. 113346
Ming Au Tsien *see* Tsien Ming Au
Ming Cai *see* Cai Ming
Ming Chang, Lin, P.P. Noncontact sphericity measurement by means of phase shift interferometry 110357
Ming Chang, Wen-Chih Tai 360-deg profile noncontact measurement using a neural network 89500
Ming Chang *see* Wen-Chih Tai 119733
Ming Chang *see* Wen-Chih Tai 119873

Ming Chang Kow *see* Kow Ming Chang
Ming Cheng *see* Cheng Ming
Ming Ding, Cheo, P.K. Analysis of Er-doped fiber laser stability by suppressing relaxation oscillation 96151
Ming Fang *see* Fang Ming
Ming Fang Zhang *see* Anil Kumar, A. 115975
Ming Gu, Eisenstat, S.C. Efficient algorithms for computing a strong rank-revealing QR factorization 92594
Ming Hsien Wu *see* Ting-Chung Poon 65548
Ming Jer Kao *see* Rong Tay Hsu 63779
Ming Jia, Tho Le-Ngoc, Benyamin-Seeyar, A. Performance of multiple-step (T,U) permutation decoding of cyclic codes 86059
Ming Kaan Low, Williams, D., Dixon, C. Choice of end-of-life product management strategy: a case study in alternative telephone concepts 78259
Ming Kwong *see* Yuan Tang 115216
Ming Lei *see* Ningjia Zhu 63012
Ming Li, Hagberg, M., Bengtsson, J., Eriksson, N., Larsson, A. Optical waveguide fan-out elements using dislocated gratings for both outcoupling and phase shifting 95770
Ming Li, Larsson, A., Eriksson, N., Hagberg, M., Bengtsson, J. Continuous-level phase-only computer-generated hologram realized by dislocated binary gratings 116751
Ming Li, Qi-Jun Zhang, Nakhla, M. Solution of EM fields by asymptotic waveform techniques 85949
Ming Li *see* Farmer, D. 111273
Ming Li *see* Hancock, T. 72440
Ming Li *see* June Ho Yi 117738
Ming Li *see* Roy, L. 117041
Ming Li *see* Li Ming
Ming Li Xing *see* Li Xing Ming
Ming Li Yan *see* Yan Ming Li
Ming Lin *see* Crowley, J.D. 73705
Ming Lin Kwang *see* Kwang Ming Lin
Ming Ma *see* Ma Ming
Ming Mao, Nguyen, S.H., Gaulin, B.D., Tun, Z., Bian, X., Altounian, Z., Strom-Olsen, J.O. Spin polarized neutron scattering study of NiCo/Cu multilayers 64359
Ming Nai-Ben *see* Nai-Ben Ming
Ming Ni *see* Ni Ming
Ming Qin *see* Qing-An Huang 74008
Ming Qu, Styblinski, M.A. An efficient approach to device parameter extraction for statistical IC modeling 115319
Ming Su *see* Su Ming
Ming Sun, Qiping Wang, Lindmayer, M. The model of interaction between arc and AgMeO contact materials 62427
Ming Wan, Long Tang, Zesheng Tang, Xinyou Li PC-based quick algorithm for rendering semi-transparent multi-isosurfaces of volumetric data 98255
Ming Wang Projection moire deflectometry for the automatic measurement of phase objects 119906
Ming Wang, Wada, O., Koga, R. Parabolic mirror optics for collimation of a crescent blue laser beam radiated from channel waveguide Cerenkov second harmonic generation 96602
Ming Wang *see* Ganapathy, G. 83147
Ming Wang *see* Wang Ming
Ming Wang Da *see* Wang Da Ming
Ming Wu Liu *see* Liu Ming Wu
Ming Xian, Zhaowen Zhuang, Zhenping Chen, Guirong Guo The fractal characteristic of radar target based on polarimetry 119279
Ming Xie Design optimization for an X-ray free electron laser driven by SLAC linac 76052
Ming Xie 3D reconstruction of quadratic curves by stereovision 97927
Ming Xie *see* Xie Ming
Ming Xu *see* Xu Ming
Ming Yang Demand-side management of China's electric power 70751
Ming Yang China's power management 121015
Ming Ying Kuo *see* Ching Chuan Kuo 71382
Ming YuDong *see* YuDong Ming
Ming Zhang, Er, M.H. Adaptive beamforming by microphone arrays 76944
Ming Zhang, Er, M.H. An alternative algorithm for estimating and tracking talker location by microphone arrays 119506
Ming Zhang, Vassiliadis, S., Delgado-Frias, J.G. Sigmoid generators for neural computing using piecewise approximations 113804
Ming Zhang, Wenn Yu, Wang, W.H., Wang, W.K. Initial phase formation in Nb/Si multilayers deposited at different temperatures 94571
Ming Zhang Shi *see* Shi Ming Zhang
Ming Zhao *see* Zhao Ming
Ming Zheng *see* Coates, R.F.W. 68539
Ming-Chan Hong *see* Chorng-Kuang Wang 73529
Ming-Chang Liu *see* Widrow, B. 66672
Ming-Chieh Yeh *see* Po-Tao Chu 105674
Ming-Ching Yen *see* In-Hang Chung 68304
Ming-Dou Ker, Chung-Yu Wu, Tao Cheng, Hun-Hsien Chang Capacitor-couple ESD protection circuit for deep-submicron low-voltage CMOS ASIC 95189
Ming-Dou Ker, Chung-Yu Wu, Tao Cheng, Hun-Hsien Chang, Wu, M.J.-N., Yu, T.-L. Efficient layout style of CMOS output buffer to improve driving capability of low-voltage submicron CMOS IC's 84576
Ming-Feng Shih, Leach, P., Segev, M., Garrett, M.H., Salamo, G., Valley, G.C. Two-dimensional steady-state photorefractive screening solitons and induced waveguides 116650
Ming-Feng Shih, Segev, M. Incoherent collisions between two-dimensional bright steady-state photorefractive spatial screening solitons 116733
Ming-Feng Shih, Segev, M., Salamo, G. Circular waveguides induced by two-dimensional bright steady-state photorefractive spatial screening solitons 96646
Ming-Feng Shih *see* Kos, K. 65520
Ming-Feng Shih *see* Segev, M. 65436
Ming-Feng Shih *see* Zhigang Chen 65477
Ming-Hsien Chou *see* Arbore, M.A. 107523
Ming-Huang Huang *see* Yi Chu 117434
Ming-Huei Shieh, Hung Chang Lin Resonant tunneling devices based word memory cell 83113
Ming-Hwei Hwang *see* Hwang Ming-Hwei
Ming-Jen Yang Lattice function measurement with TBT BPM data 100549
Ming-Jeng Hsieh *see* Fang-Biau Ueng 77567
Ming-Jer Chen, Jih-Shin Ho, Dang-Yang Chang Optimizing the match in weakly inverted MOSFET's by gated lateral bipolar action 63915
Ming-Jer Chen, Jih-Shin Ho, Tzuen-Hsi Huang, Chuang-Hen Yang, Yeh-Ning Jou, Wu, T., Wu, T. Back-gate forward bias method for low-voltage CMOS digital circuits 61708
Ming-Jer Jeng, Huang-Shen Lin, Jenn-Gwo Hwu Rapid thermal post-metallization annealing effect on thin gate oxides 63211
Ming-Jer Kao, Hir-Ming Shieh, Wei-Chou Hsu, Tien-Yih Lin, Yue-Huei Wu, Rong-Tay Hsu Investigation of the electron transfer characteristics in multi-δ-doped GaAs FET's 95036
Ming-Jiu Hwang *see* Gwo-Hshiung Tzeng 70687
Ming-Jium Shieh *see* Win-Li Lin 120488
Ming-Jiunn Jou *see* Shoon-Jinn Chang 106996
Ming-Ju Tsai, Alexopoulos, N.G. Via hole and parasitically coupled microstrip antennas of arbitrary shape in multi-layered substrates 85957
Ming-Ju Tsai, Chinglung Chen, Tzyy-Sheng Horng, Alexopoulos, N.G. Multiple arbitrary shape via-hole and air-bridge transitions in multilayered structures 83339
Ming-Ju Tsai *see* Chinglung Chen 62147
Ming-Ju Tsai *see* Chinglung Chen 83325
Ming-Ju Yang *see* Yamaguchi, M. 102979
Ming-Ju Yang *see* Yamaguchi, M. 121888
Ming-Jun Lai, Wenston, P. On multi-level bases for elliptic boundary value problems 72685
Ming-Kai Tsai *see* Ping-Hsing Lu 62014
Ming-Kwei Lee, Cheng-Chung Hu, Yu-Hsiung Wang Utilization of GaAs masking layers for formation of patterned porous silicon 94862
Ming-Kwei Lee, Yu-Chu Tseng, Chi-Hsing Chu High sensitivity porous silicon photodetector 89093
Ming-Po Chen, Bing Liu Asymptotic behavior of solutions of first order nonlinear delay difference equations 92612
Ming-Rong Tong *see* Li-Qun Gu 106903
Ming-Seng Kao *see* Gipser, T. 68468
Ming-Shan Kwok, Hong-Shen Wang Adjacent cell interference analysis of reverse-link in CDMA cellular radio systems 98415
Ming-Shan Lin, Din-Wei Huang, Yang, C.C. Power-dependent polarization switching and pulse narrowing in a semiconductor quantum well amplifier 65206
Ming-Shan Lin *see* Yang, C.C. 116514
Ming-Shaung Ju *see* Chun-Hui Lai 80181
Ming-Shaung Ju *see* Nan-Ying Yu 80414
Ming-Sheng Zhang *see* Li Sun 75027
Ming-Sheng Zhang *see* Wen-Hui Ma 64073
Ming-Shiann Feng *see* Chia-Wen Liang 83874
Ming-Shiann Feng *see* Chien-Jen Wang 72769
Ming-Shiann Feng *see* Chih-Chong Wang 74055
Ming-Shiann Feng *see* Jenn-Fang Chen 83859
Ming-Shih Chang Taipower's hydro power projects 102510
Ming-Syan Chen, Chung-Sheng Li, Yu, P.S. Using content-based search to download digital video into a client station 67359
Ming-Syan Chen, Jeng-Chun Chen, Yu, P.S. On general results for all-to-all broadcast 66238
Ming-Syan Chen, Kandlur, D.D. Stream conversion to support interactive video playout 79185
Ming-Ta Yang, Yi-Jen Chan Device linearity comparisons between doped-channel and modulation-doped designs in pseudomorphic $Al_{0.3}Ga_{0.7}As/In_{0.2}Ga_{0.8}As$ heterostructures 95035
Ming-Ta Yang, Yi-Jen Chan, Jia-Lin Shieh, Jen-Inn Chyi Enhanced device performance by unstrained $In_{0.3}Ga_{0.7}As/In_{0.29}Al_{0.71}As$ doped-channel FET on GaAs substrates 95045
Ming-Tat Ko *see* Bor-Liang Chen 103660
Ming-Tat Ko *see* Jun-Wei Hsieh 87052
Ming-Ter Kuo, Lung-Tien Liu, Chung-Kuan Cheng Network partitioning into tree hierarchies 83024
Ming-Tong Chen *see* Che-Ming Fu 71896
Ming-Tsan Lin *see* Tian-Hua Liu 91479
Ming-Tzong Tseng *see* Sih-Li Chen 82009
Ming-Wei Lee *see* Chi-Shiung Hsi 104962
Ming-Wen Chang, Ching-Cherng Sun, Ren-Han Tsou, Weichi Chang, Jenq-Yang Chang Random phase-coded multiplexing in $LiNbO_3$ for volume hologram storage by using a ground glass 95655
Ming-Wen Chang *see* Ching-Cherng Sun 116778
Ming-Xi Mao *see* Zhao-Hua Cheng 75086
Ming-Yang Chern *see* Chwen-Jye Szea 77372
Ming-Yeuan Cho *see* Chao-Shun Chen 91134
Ming-Yi Li *see* Kanamaluru, S. 85960
Ming-Yi Li *see* Kanamaluru, S. 85989
Ming-Ying Tsai *see* Tsern-Huei Lee 87315
Ming-Yuan Su *see* Ying-Chung Chen 74284
Ming-Yuh Hsu *see* Ting-Chang Chang 64906
Ming-Zhu Cheng The optimum position of the match shorter for coaxial waveguide transformers at Ka band 62210
Ming-Zhu Huang, Ching, W.Y. First-principles calculation of the electronic and magnetic properties of $Nd_2Fe_{17-x}M_x$ (M=Si, Ga) solid solutions 64326
Ming-Zhu Huang *see* Ching, W.Y. 64219
Mingalev, B. *see* Doinikov, N. 89963
Mingalev, V.S., Orlova, M.I., Krivilev, V.N., Mingaleva, G.I. Influence of auroral proton precipitations on propagation of short radio waves in wintertime polar ionosphere 116911
Mingaleva, G.I. *see* Mingalev, V.S. 116911
Mingbin Yu, Jinsheng Luo, Yuliang He The electronic conduction mechanism of hydrogenated nanocrystalline silicon films 83805
Mingbin Yu *see* Yuliang He 113455
Mingchang Wang *see* Wang Mingchang
Mingchuah Zhan *see* Zhan Mingchuah
Mingcui Cao *see* Cao Mingcui
Mingda Liu *see* Liu Mingda
Mingda Wang *see* Wang Mingda
Mingguo Hong, Chen-Ching Liu Complete controllability region of a dynamic N-bus power system model with bounded controls 121029
Minghai Pan *see* Pan Minghai
Minghao, D. *see* Asada, H. 118513
Minghou Xu *see* Xu Minghou
Minghua Chen *see* Chen Minghua
Minghua Hu *see* Hu Minghua
Minghua Li *see* Li Minghua
Minghua Wang *see* Wang Minghua
Minghua Wu *see* Wu Minghua
Minghui Pang *see* Pang Minghui
Minghui Xu, Ida, N. Solution of magnetic inverse problems using artificial neural networks 107756
Minghus Huang *see* Huang Minghus
Minghwei Hong *see* Passlack, M. 84012
Mingjie Xie *see* Xie Mingjie
Mingjun Wang *see* Wang Mingjun
Mingjyue Huang, Derek Yeo, Tuan Tran Effects of the increase of side erase band width on off-track capability of high frequency magnetic recording 115735
Mingke Zhang *see* Zhang Mingke
Minglee Chu *see* Chu Minglee
Mingli Wang *see* Wang Mingli
minglian Zhang *see* Zhang minglian
Mingliang Tian *see* Shuyuan Zhang 94590
Minglu Li, Yongqiang Sun, Huanye Sheng Generalized synchronization model and description language for multimedia systems 98870
Mingming Geng, Northwood, D.O. The characteristics of the negative electrode of a nickel-metal hydride battery 112200
Mingo, J.de *see* de Mingo, J.
Mingozzi, E. *see* Anastasi, G. 88274
Mingqian Duan *see* Xijuan Zhang 75158
Mingqiang Hu *see* Hu Mingqiang
Mingqiu Xue *see* Xue Mingqiu
Mingquan Bao *see* Gade, M. 111308
Mingquan Lu *see* Lu Mingquan
Mingui Sun, Fu-Chiang Tsui, Marion, D.W., Sclabassi, R.J. Wavelets and their application to ICU monitoring 80180
Mingui Sun, Shie Qian, Xiaopu Yan, Baumann, S.B., Xiang-Gen Xia, Dahl, R.E., Ryan, N.D., Sclabassi, R.J. Localizing functional activity in the brain through time-frequency analysis and synthesis of the EEG 110835
Mingui Sun *see* Magotra, N. 120473
Minguzzi, P. *see* Di Lieto, A. 65127
Minguzzi, P. *see* Di Lieto, A. 75878
Mingwei Xu *see* Xu Mingwei
Mingxi Cai *see* Cai Mingxi
Mingxiang Wang *see* Kunji Chen 94532
Mingxiao Han *see* Han Mingxiao
Mingxin Wang *see* Wang Mingxin
Mingyan Yu *see* Xianjun Zeng 93230
Mingyan Yu *see* Yah Zhang 83097
Mingye Liu *see* Liu Mingye
Mingyue Ding *see* Ding Mingyue
Mingzhe Lu, Shizhuo Yin, Chulung Chen, Yu, F.T.S., Hudson, T.D., McMillen, D.K. Optimum synthesis of a bipolar composite reference function with a simulated annealing algorithm 117762
Mingzhe Lu *see* Lu Mingzhe
Mingzhe Rong *see* Rong Mingzhe
Mingzhen Xu, Changhua Tan, Yandong He, Xiaowei Liu, Zhiyun Chen, Xiaorong Duan, Yangyuan Wang Dynamic oxide current relaxation spectroscopy for thin insulator MOS structure under Fowler-Nordheim stresses 84010
Mingzhen Xu *see* Yandong He 84011
Mingzhen Xu *see* Xu Mingzhen
Mingzhong Rao *see* Rao Mingzhong
Mingzhou Song, Anni Cai, Jing-Ao Sun Motion estimation in DCT domain 117789
Mingzhou Xu, Tindall, C.E. An investigation of induction generator with improved characteristics 91385
Mingzhou Xu *see* Tindall, C.E. 111833
Minh, N.Q. Development of thin-film solid oxide fuel cells for power generation applications 81761

Minh DoVan *see* Humphrey, L.M. 109047
Minh Duc Tran *see* Tran Minh Duc
Minh Le *see* Long Tran 83463
Minh-Luan Ngo *see* King, R.L. 70661
Minhang Bao *see* Bao Minhang
Minhas, B.K., Prins, S.L., Naqvi, S.S.H., McNeil, J.R. Towards sub-0.1 µm CD measurements using scatterometry 115091
Minhas, M.S.A., Reynders, J.P. Effect of perchlorethylene on physical and insulating properties of mineral oil 102803
Minho Song, Yanghee Choi, Chongsang Kim General connection rerouting method for various connection-oriented mobile communication networks 87490
Minho Song, Yanghee Choi, Chongsang Kim Connection rerouting strategy applicable to various connection-oriented mobile communication networks 88227
Minho Song, Yanghee Choi, Chongsang Kim Flexible connection rerouting for connection-oriented mobile communication networks 99261
Minho Song, Yanghee Choi, Chongsang Kim Connection rerouting method for general application to connection-oriented mobile communication networks 109150
Minho Song, Yanghee Choi, Chongsang Kim Connection rerouting in general-topology connection-oriented mobile networks 118883
Minhua Jiang *see* Deyuan Shen 65114
Minhua Jiang *see* Hongyao Xu 76119
Minhua Jiang *see* Liangmin Zhang 107572
Minhua Jiang *see* Jiang Minhua
Minhua Liang *see* Cohn, R.W. 67396
Minhui Wu *see* Wu Minhui
Mini, M. *see* Bellanea, G. 113266
Minicucci, F. *see* Tognola, G. 120433
Miniewicz, A., Bartkiewicz, S., Januszko, A., Parka, J. Dye-doped liquid crystal for real-time holography: nematic reorientation induced by photoconductivity 107623
Miniewicz, A. *see* Bartkiewicz, S. 76219
Minimihara, Y. *see* Marks, S. 100441
Minin, I.V., Mihin, N.V. MM-range diffraction antennas 76590
Minin, I.V., Minin, O.V. Advantages of diffraction quasioptics elements and their application 73675
Minin, I.V. *see* Minin, O.V. 76589
Minin, O.V., Minin, I.V. Antenna systems of MM-range based on quasioptical diffraction elements (QDE) 76589
Minin, O.V. *see* Minin, I.V. 73675
Minin, V.A., Holyoak, J.N., Johnston, D.A., Lepsky, N.A. Main characteristics and design principles of signaling block systems for selected operational conditions 91861
Minina, N.Ya. *see* Hansen, O.P. 94484
Minjie Xie, Adoul, J.-P. Algebraic vector quantization of LSF parameters with low storage and computational complexity 66592
Minjie Xie *see* Xie Minjie
Mink, J.W. An overview of quasi-optical power combining: were we are and how we got here 83387
Mink, J.W. *see* Hwang, H. 83521
Mink, J.W. *see* Hwang, H.-S. 83342
Mink, J.W. *see* Nuteson, T.W. 65934
Mink, J.W. *see* Nuteson, T.W. 93703
Minkov, B.I. *see* Galkin, S.L. 88503
Minkov, G.M., Germanenko, A.V., Larionova, V.A., Rut, O.E. Spin-orbit splitting of the spectrum of 2D electrons in the surface quantum well of gapless semiconductors 105363
Minkov, T., Djoubrailov, K., Sotirov, G. An approach to unit commitment in heating power plant using neural networks 101772
Minkovski, N., Mirtchev, T., Ivanov, L. Generation of a wide discrete visible spectrum in a frequency-doubling optical fiber 96617
Minkus, H. *see* Jin, H. 62357
Minkyu Song Design of a multiplier with low power data-compressors 93233
Minkyu Song, Geunsoon Kang, Bongsoon Kang Design of a geometric-mean generator based on switched-current technique 113805
Minkyu Song *see* Geunsoon Kang 109944
Minnaar, F. *see* McDonald, S.A. 117097
Minne, S.C. *see* Manalis, S.R. 119619
Minnhagen, P. Anomalous vortex dynamics and current-voltage characteristics in 2D JJA 95468
Minnhagen, P. *see* Persico, V. 75306
Minnich, R. *see* Dowd, P. 78919
Minnick, A. *see* Basol, B.M. 112336
Minnigh, S.W., Pacheco, D.P., Burke, J.G., Dunleavy, P.J., Aldag, H.R., Ehrlich, J.J. Performance of a flashlamp-pumped solid-state dye laser 96128
Minnoti, P. *see* Ferreira, A. 121527
Minns, R.A. *see* Waldman, D.A. 96830
Minnyeon Kim *see* Dongwook Park 96287
Mino, K., Niki, N., Nakasato, N. An estimation algorithm for neuromagnetic source distribution using MRI information 101148
Mino, M., Tsukamoto, K., Yanagisawa, K., Tago, A., Yachi, T. A compact buck-converter using a thin-film inductor 61613
Mino, R. *see* Manasson, V. 119284
Mino, S., Ohyama, T., Hashimoto, T., Akahori, Y., Yoshino, K., Yamada, Y., Kato, K., Yasu, M., Moriwaki, K. High frequency electrical circuits on a planar lightwave circuit platform 64999
Mino, S., Yamada, Y., Akahori, Y., Yasu, M., Moriwaki, K. Loss reduction in a coplanar waveguide on a planar lightwave circuit (PLC) platform by quenching 96061
Mino, S. *see* Akahori, Y. 78678
Mino, S. *see* Tate, A. 82760
Mino, Y. *see* Yamamoto, M. 84613
Mino, Y. *see* Yamamoto, M. 100234
Minoda, A., Mizuno, Y., Nagao, M., Kosaki, M. DC short-circuit tree in EPR at cryogenic temperature 64053
Minoda, A. *see* Kosaki, M. 81096
Minoda, A. *see* Mizuno, Y. 81095
Minoda, H., Tanishiro, Y., Yamamoto, N., Yagi, K. In situ TEM observations of surfactant-mediated epitaxy: growth of Ge on an Si(111) surface mediated by In 82707
Minoh, M. *see* Tsuda, K. 77477
Minondo, M., Boussey, J., Kamarinos, G. Preamorphization induced defects and their effects on the electrical properties of shallow p+/n junctions 83912
Minoni, U., Scotti, G., Docchio, F. Wide-range distance meter based on frequency modulation of an Nd:YAG laser 116787
Minor, E. *see* Wu, J. 110619
Minor, J.M. *see* Raugh, M.R. 115055
Minor, M.K., Viala, B., Barnard, J.A. Magnetostriction and thin-film stress in high magnetization magnetically soft FeTaN thin films 64258
Minor, M.K. *see* Hong Deng 115738
Minor, M.K. *see* Viala, B. 115485
Minoshima, S. *see* Mita, S. 75261
Minot, C. *see* Palmier, J.F. 93786
Minotani, T. *see* Enpuku, K. 95461
Minotti, A. *see* Sukumar, V. 82203
Minotti, A. *see* Sukumar, V. 82940
Minotti, P. *see* Ferreira, A. 112020
Minotti, P. *see* Le Moal, P. 121526
Minoura, H. *see* Hayashi, K. 81813
Minoura, T. *see* Eum, D. 73062
Minowa, H. A simulation for a polling type queueing system 77704
Minowa, H. A model for a token ring system using jump-type stochastic differential equations 78079
Minowa, M. *see* Ootani, W. 63541
Minqiang Hu *see* Hu Minqiang
Minqing Xing *see* Xue Dong Yang 77454
Minquan Tian *see* Wada, T. 84934
Minseok Joo, Tae Kuk Ko The analysis of the fault currents according to core saturation and fault angles in an inductive high-Tc superconducting fault current limiter 91229
Minshall, G. *see* Newman, P. 87803
Minshen Tan, Hua-Ching Tong, Swie-In Tan, Rottmayer, R. Exchange coupling of sputter deposited NiCo-O/NiFe thin films 64376
Minsoo Hahn *see* Hangseop Lee 97614
Minsoo Hahn *see* Siong-Hun Yi 97606
Minsoo Jung *see* Hyoungsoo Lim 109906
Mintaig Kim *see* Youngkyun Kim 98359
Mintairov, A.M., Melehin, V.G. Phonon modes of [111] GaP/InP monolayer superlattices in Raman spectra of spontaneously ordered GaInP 74415
Mintairov, A.M. *see* Kopylov, A.A. 74130
Mintchev, M.P., Bowes, K.L. Extracting quantitative information from digital electrogastrograms 90534
Mintchev, M.P., Bowes, K.L. Impact of external factors on the stability of human electrogastrograms 90536
Minton, T.K. *see* Hwang, G.S. 114912
Mints, M.Ya., Chinkov, V.N. Operational method of measuring the parameters of a harmonic signal 76900
Mintun, M. *see* Townsend, D. 80237
Mintun, M.A. *see* Kinahan, P.E. 101113
Minty, M. *see* Adolphsen, C. 89648
Minty, M. *see* Hendrickson, L. 100556
Minty, M. *see* Raubenheimer, T. 89853
Minty, M. *see* Raubenheimer, T.O. 89662
Minty, M.G., Adolphsen, C., Hendrickson, L.J., Sass, R., Slaton, T., Woodley, M. Feedback performance at the Stanford Linear Collider 89653
Minty, M.G., Akre, R., Krejcik, P., Siemann, R.H. Operating experience with high beam currents and transient beam loading in the SLC damping rings 89966
Minty, M.G., Chao, A.W., Spence, W.L. Emittance growth due to decoherence and wakefields 89870
Minty, M.G., Siemann, R.H. Transient beam loading in the SLC damping rings 89838
Minty, M.G., Siemann, R.H. Klystron power specifications based on transient beam loading analysis in damping rings 90009
Minty, M.G., Siemann, R.H. Heavy beam loading in storage ring radio frequency systems 100641
Minty, M.G., Spence, W.L. Injection envelope matching in storage rings 79960
Minty, M.G. *see* Bane, K. 89979
Minty, M.G *see* Caussyn, D.D. 119984
Mintyasnkii, I.V. *see* Savitskii, P.I. 94333
Mintzer, R.A., Aarsvold, J.N., Yasillo, N.J., Ordonez, C.E., Matthews, K.L., II, Chen, C.-T., Beck, R.N. Maximum-likelihood calibration of small gamma cameras for 511 keV positron annihilation radiation 101258
Mintzer, R.A. *see* Aarsvold, J.N. 110700
Minussi, C.R., Silveira, M.doC.G. Electric power systems transient stability analysis by neural networks 101682
Minvielle, A. *see* Yu, C. 115060
Minxian Wu *see* Guoliang Huang 108439
Minxian Wu *see* Shifu Yuan 106762
Minxian Wu *see* Shifu Yuan 116151
Minxian Wu *see* Wu Minxian
Minxing Qu *see* Sun, Y. 65707
Minya, A.I. *see* Shuaibov, A.K. 107123
Minyan Yao *see* Yong Wang 89130
Minying Sun, Gang Wang, Shilou Jia Queueing analysis of buffered ATM switches 117979
Minz, S.M., Arora, R.K. Capital goods for electronics industry in India: status and perspectives 92099
Minzhao Xue *see* Xue Minzhao
Mio, T. *see* Horii, Y. 88013
Mioc, F. *see* Capalino, F. 97280
Miodushevskii, P.V. *see* Kazaryan, A.A. 99932
Miodushevsky, P.V. Method, sensor and system for temperature non-contact measurement under non-stationary reradiation conditions 79346
Miokawa, M. *see* Ogura, K. 76240
Miou, C.-S. *see* Wen, C.-J. 98347
Miozza, M. *see* Codino, A. 69860
Miquel, C. *see* Laflamme, R. 76811
Miquel, J.L. *see* Blanchot, N. 85428
Mir, L.-M. B physics in ATLAS 120132
Mir, S., Husain, I., Elbuluk, M.E. Energy efficient C-dump converters for switched reluctance motors 71761
Mir, S., Lubaszewski, M., Kolarik, V., Courtois, B. Automatic test generation for maximal diagnosis of linear analog circuits 79247
Mir, S., Lubaszewski, M., Kolarik, V., Courtois, B. Fault-based testing and diagnosis of balanced filters 104679
Mir, S., Lubaszewski, M., Liberali, V., Courtois, B. Built-in self-test approaches for analogue and mixed-signal integrated circuits 93608
Mir, S. *see* Lubaszewski, M. 93609
Mira, J.L. *see* Poveda, J. 99420
Mirabbasi, S., Francis, B., Tongwen Chen Input-output gains of linear periodic discrete-time systems with application to multirate signal processing 117525
Mirabella, O. *see* Cavalieri, S. 91916
Miracapillo, L. *see* Pullara, A. 88239
Miraglia, S. *see* Grandjean, F. 64213
Miraglia, S. *see* Isnard, O. 64221
Miraglia, S. *see* Isnard, O. 64325
Miragliotta, J., Wickenden, D.K. Transient photocurrent induced in gallium nitride by two-photon absorption 116200
Miram, G. *see* Fowkes, W.R. 100416
Miran, S.M., Vadher, V.V., Smith, I.R., Stewardson, H.R. Generation of TW pulsed power using an inductive energy storage system and a PEOS 91647
Miran, S.M., Vadher, V.V., Smith, I.R., Stewardson, H.R. Design and testing of automatic exploding foil change-over switch 103045
Miran Baygi, M. *see* Payne, P.A. 73000
Miranda, A.J., Spanos, C.J. Impedance modeling of a Cl_2/He plasma discharge for very large scale integrated circuit production monitoring 94743
Miranda, C.A.I. *see* Bajon, D. 97388
Miranda, E.M. *see* Thomson, D. 93188
Miranda, F.A., Chorey, C.M., Bhasin, K.B. HTS thin films: passive microwave components and systems integration issues 115976
Miranda, G.C., Araujo, A.E.A. Error analysis on semidiscrete approximation based methods for electromagnetic modeling using finite difference and element methods 93672
Miranda, M.D., Gerken, M. A hybrid QR-lattice least squares algorithm using a priori errors 97698
Miranda, R.C. *see* Dias, I.F.L. 94546
Miranda, R.S. *see* de Barros, M.R.X. 107190
Miranda, V., Pereira, J., Saraiva, J.T. Experiences in state estimation models for distribution systems including fuzzy measures 102100
Miranda, V., Proenca, L.M. A general methodology for distribution planning under uncertainty, including genetic algorithms and fuzzy models in a multi-criteria environment 102133
Miranda, V. *see* Tome Saraiva, J. 70640
Miranda Sologuren, E. *see* Chiaberge, M. 62126
Mirande, W., Geuther, H., Jacobsen, H. Development of sub-micrometer critical dimension standards 74645
Mirande, W. *see* Geuther, H. 74646
Mirande, W. *see* Hasche, K. *(editor)* 72021
Mirandola, P. *see* Casa, G. 102070
Miras, D. *see* Bouras, C. 109241
Miras, J.De *see* De Miras, J.
Mirasgedis, S., Makatsoris, J., Assimacopoulos, D., Papagiannakis, L., Zervos, A. Energy conservation and CO_2-emission abatement potential in the Greek residential services sector 111707
Mirasso, C.R. *see* Homar, M. 76033
Mircea, A. *see* Pautet, C. 82600 .
Mirchandani, P. A simple $O(n^2)$ algorithm for the all-pairs shortest path problem on an interval graph 60870
Mirchandani, P. The multi-tier tree problem 113126

Mirchina, N.R., Peled, A. Time of flight analysis of charge transport in insulators for a finite width charge packet with trapping 84671
Miree, T.J. *see* Giachino, J.M. 81984
Mirelli, V., Nguyen, D., Nasrabadi, N.M. Target recognition for FLIR imagery using learning vector quantization and multilayer perceptrons 98206
Mirelli, V., Rizvi, S.A. Automatic target recognition using a multi-layer convolution neural network 117634
Mirelli, V. *see* Chan, L.A. 117632
Mirelli, V. *see* Der, S. 119266
Mirelli, V. *see* Grigni, M. 103652
Mirelli, V. *see* Haussler, D. 66912
Miremadi, B.K., Singh, R.C., Morrison, S.R., Colbow, K. A highly sensitive and selective hydrogen gas sensor from thick oriented films of MoS$_2$ 110270
Mirenghi, L. *see* Di Giulio, M. 61430
Mirfakhraei, N., Bose, J.D., Vaman, D.R. Modeling and traffic evaluation of an integrated ATM-wireless network 68167
Mirfakhraei, N., Bose, J.D., Vaman, D.R. Simulation study of end-to-end mobile communications in a wireless network 118853
Miri, A.M., Binder, C. Investigation of transient phenomena in inner- and outer systems of GIS due to disconnector operation 112156
Miri, A.M., Nothaft, M.A., Braess, P. Methods for considering the eddy current losses in the detailed model of a HV-transformer 112038
Miri, A.M., Sihler, C., Droll, M., Ulbricht, A. Modelling the transient behaviour of a large superconducting coil subjected to high voltage pulses 106706
Mirin, R., Gossard, A., Bowers, J. Room temperature lasing from InGaAs quantum dots 107249
Mirin, R.P. *see* Babic, D.I. 65226
Mirin, R.P. *see* Babic, D.I. 85472
Mirin, R.P. *see* Babic, D.I. 107274
Mirin, R.P. *see* Margalit, N.M. 85503
Mirin, R.P. *see* Margalit, N.M. 85541
Mirin, R.P. *see* Margalit, N.M. 107243
Mirkowski, J. *see* Bilinski, K. 113830
Mirman, B., Friedman, T. Is fracture mechanics the method for electronic packaging? 112962
Mirmiran, M. *see* Witting, W. 101384
Mirmov, I.N. *see* Elliott, S.R. 80104
Miro, J. *see* Deak, P. 94315
Miro-Sans, J.M., Pala-Schonwalder, P., Mas-Casals, O. Stability analysis of periodic solutions in nonlinear autonomous circuits: a discrete time approach 82903
Miromontes, O. *see* Dow, G.S. 89157
Miron, C. *see* Bedin, R. 100983
Miron, C. *see* Dobrota, V. 98798
Miron, D., Marinescu, R., Dinu, L., Neagu, E., Zeleniuc, O. On some essential problems of microwave heating 71918
Miron, D., Tuca, M., Dinu, L. Contributions concerning the influence of the ultra high frequency electromagnetic field on the metallic materials and technico-economical implications 76324
Miron, D.B., Yongcheng Tu Some simplifications for numerical impedance matching, with a small antenna example 93034
Miron, N., Sporea, D.G. Checking-up of optical graduated rules by laser interferometry 79709
Mironas, A. *see* Brazis, R. 74074
Mironas, A. *see* Galdikas, A. 69356
Mironas, A. *see* Galdikas, A. 74546
Mironas, A. *see* Galdikas, A. 79597
Mironas, A. *see* Galdikas, A. 89191
Mironenko, M.V. *see* Bakharev, S.A. 101585
Mironov, I.A. *see* Garibin, E.A. 82734
Mironov, M.A., Prokhorov, S.L. Integrated radionavigation systems with separate processing of radio signals 109833
Mironov, M.A. *see* Tsvetkov, L.I. 68784
Mironov, O.A. *see* Dorozhkin, S.I. 105297
Mironov, O.A. *see* Khizhny, V.I. 94474
Mironov, S. *see* Anischenko, N.G. 120106
Mironov, V.V. *see* Bulavskii, D.V. 115284
Mironovskii, L.V. *see* Padaev, N.N. 82327
Miroshin, A. *see* Belyaev, S. 89226
Miroshnichenko, V.S. *see* Belous, O.I. 105057
Miroshnik, O.N. *see* Kurova, I.A. 62770
Mirotznik, M.S. Tools for schools [mathematical software packages] 103318
Mirotznik, M.S., Cheever, E., Foster, K.R. High-resolution measurements of the specific absorption rate produced by small antennas in lossy media 66032
Mirotznik, M.S., Prather, D.W., Mait, J.N. Hybrid finite element-boundary element method for vector modeling diffractive optical elements 95913
Mirotznik, M.S. *see* Prather, D.W. 95914
Mirov, S. *see* Dergachev, A. 70100
Mirov, S. *see* Hong Hua 115586
Mirri, D., Iuculano, G., Filicori, F., Vannini, G., Pasini, G., Pellegrini, G. A modified Volterra series approach for the characterization of non-linear dynamic systems 110055
Mirsagatov, Sh.A. *see* Aitbaev, B.A. 102976
Mirsaidi, S., Oksman, J. AR spectral estimation with randomly missed observations 117477
Mirshekar-Syahkal, D. An efficient computer modelling of crack responses in nonuniform field ACFM non-destructive testing 61504
Mirshekar-Syahkal, D. A quasi-static spectral domain technique for modelling discontinuities in CPW structures 65941
Mirshekar-Syahkal, D. Computation of equivalent circuits of CPW discontinuities using quasi-static spectral domain method 73628
Mirshekar-Syahkal, D., Newson, D.J., Wake, D., Henning, I.D. Coplanar waveguide to slotline transitions for tapered slot antennas on indium phosphide 76600
Mirtchev, T. *see* Minkovski, N. 96617
Mirzabaev, M., Rasulov, K., Komilov, A. Development and production of a highly efficient AlGaAs-GaAs-based concentrator 121885
Mirzabaev, M., Rasulov, K., Komilov, A., Yusupova, R.D. Analysis of the effectiveness and load current-voltage characteristics of hybrid photoelectric systems 102518
Mirzaei, J. *see* Ghoranneviss, M. 113433
Mirzamaani, M., Doerner, M.F. Magnetic performance and tribology of sputter-textured thin film disks 115680
Mirzoev, K. *see* Kiver, A. 100389
Mirzoyan, R., Fomin, V., Stepanian, A. On the optical design of VHE gamma ray imaging Cherenkov telescopes 69894
Mis, J.D. *see* Magill, P.A. 60652
Misaki, A. *see* Daugela, A. 64174
Misaki, T. *see* Tsuboi, H. 65685
Misaki, T. *see* Tsuboi, H. 107792
Misanin, J.E. Shipboard infrared search and track cost and operational effectiveness analysis 69267
Misawa, A., Matsunaga, T. Q factor measurements of photonic ATM switch with four-channel FDM output buffer at 2.5 and 10 Gbit/s 99042
Misawa, A., Matsunaga, T. Optical input buffers for the HiPower photonic ATM switch-analysis and experiments 118741
Misawa, A., Yamada, Y., Tsukada, M., Habara, K., Matsunaga, T. 20 Gbit/s photonic ATM switching with differential packet receiver 109316
Misawa, H. Laser-induced chemical fabrication of micromachine materials 96852
Misawa, H. *see* Araki, T. 119743
Misawa, H. *see* Miwa, M. 107678
Misawa, H. *see* Nakagawa, S. 64019
Misawa, K., Nakata, T., Takahashi, N., Fujiwara, K. Three dimensional magnetic field analysis of three-phase gas insulated bus duct 71556
Misawa, K. *see* Egawa, T. 112158
Misawa, K. *see* Nitta, T. 102773
Misawa, S. *see* Hirabayashi, Y. 106980
Misawa, T., Shiroya, S., Kanada, K. Study on reactivity worth of beryllium by (n,2n) and (γ,n) reactions 121326
Misawa, T., Yamamoto, A., Yamane, Y. Application of nodal method to lambda mode higher harmonics code 121318
Mischke, R.E. *see* Chen, Y.K. 69865
Mischke, R.E. *see* Szymanski, J.J. 110589
Mischo, W.S. A CMAC-type neural memory for control applications 62122
Miseki, K. *see* Amada, T. 76841
Misevich, A.V. *see* Pochtennyi, A.E. 105212
Misewich, J.A. *see* Nahata, A. 96048
Misezhnikov, G.S. *see* Shteinshleiger, V.B. 68665
Mishanin, S.M. *see* Burenin, P.V. 114283
Mishchenko, M.I. Coherent backscattering by two-sphere clusters 65766
Mishchenko, Yu.V. Influence of noise on measurement errors in laser interference refractometers 79732
Mishima, H. *see* Nakayama, W. 60632
Mishima, K. *see* Nakamoto, T. 72972
Mishima, M. *see* Oku, Y. 110935
Mishima, T., Konda, H., Okumi, S., Matsuda, A., Kojima, H., Naksuji, M., Ueoka, I., Sogabe, K. Development of high-NA low-loss H-PCF [optical fiber] 95702
Mishima, T. *see* Allam, J. 107021
Mishima, T. *see* Higuchi, K. 63773
Mishima, T. *see* Koyanagi, K. 85709
Mishima, T. *see* Kudo, N. 95040
Mishima, T. *see* Ogawa, K. 103403
Mishima, T. *see* Yamada, H. 116667
Mishima, T. *see* Yoneoka, M. 109572
Mishin, A.V. Status on low energy (10 MeV range) X-band linacs developed worldwide 79803
Mishin, A.V., Shchedrin, I.S. Beam current limitation in microwave accelerators 89718
Mishin, V.I., Sekatskii, S.K. Efficient laser ion source utilizing the trapping of photoions in the electric field of a cylindrical capacitor 110534
Mishina, E.D., Elyutin, P.V., Malinnikova, E.V., Rubtsov, A.N., Aktsipetrov, O.A., de Jong, W., Rasing, T. Resonant second harmonic generation spectroscopy of short-period Si/SiO$_2$ multiple quantum wells 96743
Mishina, E.D. *see* Aksipetrov, O.A. 74433
Mishina, E.D. *see* Aktsipetrov, O.A. 84009
Mishina, E.D. *see* Aktsipetrov, O.A. 85696
Mishina, E.D. *see* Aktsipetrov, O.A. 96733
Mishina, E.D. *see* Rubtsov, A.N. 107518
Mishina, T. *see* Kawakami, Y. 74335
Mishina, T. *see* Yamada, Y. 74379
Mishina, T. *see* Yamaguchi, S. 94550
Mishkevich, V., Jordan, A.S., Swaminathan, V., Geary, J.M. Finite element stress modeling of InGaAsP/InP lasers 68423
Mishkinis, J. *see* Galdikas, A. 79597
Mishori, B. *see* Gal, D. 105135
Mishori, B. *see* Leibovitch, M. 114712
Mishori, B. *see* Moons, E. 121882
Mishra, B.K. *see* Chakrabarti, P. 94614
Mishra, B.R. *see* Dash, P.K. 111462
Mishra, C.S. Effects of magnetic multipoles on Main Injector lattice 120064
Mishra, C.S., Assadi, S. Simulations of beam-beam effects in Tevatron and nonlinear mode coupling analysis 120065
Mishra, C.S., Assadi, S., Talman, R. Simulation of beam-beam effects in Tevatron 89832
Mishra, C.S. *see* Assadi, S. 100635
Mishra, C.S. *see* Glass, H.D. 100644
Mishra, C.S. *see* Harding, D.J. 89795
Mishra, C.S. *see* Harding, D.J. 89796
Mishra, C.S. *see* Leitch, M.J. 90240
Mishra, D. *see* Steele, J.P.H. 72965
Mishra, I.P. *see* Tripathy, S.C. 91410
Mishra, J. *see* Gorur, R.S. 64111
Mishra, J.K., Dash, G.N. Effect of tunneling current on avalanche phase delay in MITATT devices 104846
Mishra, J.K. *see* Dash, G.N. 115134
Mishra, J.K. *see* Rao, P.H. 76643
Mishra, K. Identification of Cr in p-type silicon using the minority carrier lifetime measurement by the surface photovoltage method 75680
Mishra, K.K., Stinson, M., Lowell, J. Influence of oxygen-iron interaction on the external gettering of Fe in p-Si by polycrystalline silicon film 83786
Mishra, M., Gupta, S., Harsh, Purohit, R.K., Chandra, I. Design and simulation of 8:1 time division multiplexer for GHz applications 109308
Mishra, M.K. *see* Murali Krishna, K. 74283
Mishra, P.P. Fair bandwidth sharing for feedback controlled VBR video traffic 77562
Mishra, P.P. *see* Agrawal, P. 87915
Mishra, R. *see* Kumar, G.V.D.A. 112578
Mishra, R.K., Milligan, T. Cross-polarization tolerance requirements of square microstrip patches 76568
Mishra, S. *see* Baiod, R. 89793
Mishra, S. *see* Brown, B.C. 90058
Mishra, S. *see* Jung, H. 88332
Mishra, S.K., Pandey, D., Singh, A.P. Effect of phase coexistence at morphotropic phase boundary on the properties of Pb(Zr$_x$Ti$_{1-x}$)O$_3$ ceramics 106357
Mishra, S.K., Pathak, L.C., Rao, V., Bhattacharya, D., Chopra, K.L. Studies on microbridges of superconducting YBCO thin film 84889
Mishra, S.K., Sharma, R. Power requirements for a computer installation 61635
Mishra, S.R. *see* Larose, C.L. 68643
Mishra, S.R. *see* Luo, H. 75135
Mishra, S.R. *see* Trueman, C.W. 68644
Mishra, U.K. *see* Ching-Hui Chen 105380
Mishra, U.K. *see* Ibbetson, J.P. 74263
Mishra, U.K. *see* Keller, S. 72783
Mishra, U.K. *see* Parikh, P.A. 84611
Mishra, U.K. *see* Parikh, P.A. 105944
Mishra, U.K. *see* Shealy, J.B. 115250
Mishra, U.K. *see* Wu, Y.-F. 104829
Mishra, U.K. *see* Wu, Y.-F. 106078
Mishra, U.K. *see* Yen, J.C. 61798
Mishra, U.K. *see* Yen, J.C. 115370
Mishra, V.K. *see* Banerjee, S. 69938
Mishra, V.K. *see* Multani, M. 115891
Misiak, A. *see* Brauksiepe, S. 100815
Misiakos, K., Kavadias, S. A pixel segmented silicon strip detector for ultra fast shaping at low noise and low power consumption 80023
Misiakos, K., Kavadias, S. A pixel segmented silicon strip detector for ultra fast shaping at low noise and low power consumption 100927
Misiuk, A., Jung, W., Wroblewski, M. Stress-induced generation of thermal donors in near-surface layer of Czochralski grown silicon 114585
Mis'kevich, A.I. *see* Mavlyutov, A.A. 75783
Miskinis, R., Rutkowski, P., Urba, E. Surface acoustic waves on the (11*n*) cuts of gallium arsenide 114603
Miskovic, Z.L., English, R.A., Davison, S.G., Goodman, F.O. Transmission of double-impurity atomic switches 83649
Miskovsky, N.M., Cutler, P.H., Lerner, P., Chung, M.S. Field emission from diamond and other wide-bandgap materials 105003
Miskowicz, J. *see* Krolopp, W.Z. 85091
Miskuf, J. *see* Roman, J. 62371
Miskys, C.R., de Oliveira, C.E.M., de Carvalho, M.M.G. InP synthesis by the synthesis, solute diffusion (SSD) method using glassy-carbon crucibles 92682
Miskys, C.R. *see* de Oliveira, C.E.M. 92681
Mismar, M.J. *see* El-Naqa, I.M. 101207
Mismar, M.J. *see* Mustafa, A.M. 120466
Misoon Kim, Taekyong Nam, Jaechan Shim A network model for B-ISDN services 118521
Misra, A.K. *see* Pradhan, S. 80538
Misra, D., Zhong, W., Bartynski, R.A., Patel, V., Singh, B. Etch-induced damage in high-density inductively coupled plasma etching reactors 63322
Misra, D. *see* Swain, P.K. 63311
Misra, D. *see* Swain, P.K. 105265
Misra, D.S. *see* Sharda, T. 61391
Misra, I.Saha *see* Saha Misra, I.
Misra, M. *see* Moustakas, T.D. 104058

Misra, P. Problems in EMI control of power electronics for futuristic offshore fixed and floating energy platforms 81188
Misra, P. *see* Naishadham, K. 93757
Misra, P. *see* Scottedward Hodel, A. 117417
Misra, R.B. *see* Azad, A.K. 101841
Misra, R.B. *see* Azad, A.K. 111494
Misra, R.B. *see* Hoang Pham 113045
Misra, S.C.K., Arora, V., Sharma, T.P., Chandra, S. Energy levels in semiconducting polymer thin films 105220
Misra, S.C.K., Chandra, S., Parihar, M., Vadheraz, S.R., Kumar, N., Rao, V.K. Vacuum deposited semiconducting polyaniline thin film gas sensors 110268
Misra, S.C.K. *see* Singh, S. 106837
Misra, U.K., Kalita, J. Ipsilateral motor response–is it an artcfact? 80398
Misra, V., Choudhury, P.K., Khastgir, P., Ojha, S.P. Electromagnetic wave propagation through a dielectric guide having Piet Hein cross-sectional geometry 97253
Misra, V. *see* Morfouli, P. 63668
Misra, V. *see* Morfouli, P. 94960
Misra, V. *see* Morfouli, P. 94968
Misra, V. *see* Sridevan, S. 105719
Misra, V. *see* Vogel, E.M. 63658
Misra, V.C., Pal, R., Dey, K.K. Broadband planar array 117061
Missana, T., Afonso, C.N., Petford-Long, A.K., Doole, R.C. Enhanced resistance to metal indiced crystallization of amorphous Ge in contact with Bi 104083
Missana, T., Catalina, F., Afonso, C.N., Ollacarizqueta, M.A. Epitaxial effects on film growth and interdiffusion at Bi-Sb interfaces 83800
Missana, T. *see* Starbov, N. 106768
Missault, R. Managing ATM-based broadband networks and services 108963
Missell, F.P. *see* Cornejo, D.R. 75133
Missell, F.P. *see* Mendes, K.C. 84787
Missevich, O.V. *see* Zalessky, V.B. 80056
Missevich, O.V. *see* Zalessky, V.B. 100890
Missiroli, G.F. *see* Matteucci, G. 74085
Missiroli, M. *see* Passerini, C. 118966
Misson, M. *see* Michot, J.L. 87853
Misson, M. *see* Zeino, H. 87838
Missous, M. Stoichiometric low temperature (SLT) GaAs and AlGaAs grown by molecular beam epitaxy 61284
Missous, M. *see* Krishnamurthi, K. 62242
Missous, M. *see* O'Hagan, S.P. 74370
Missous, M. *see* Rahal, A. 114264
Missous, M. *see* Sandhu, A. 61224
Missous, O. *see* Beteille, D. 110913
Mistretta, C.A. *see* Polzin, J.A. 70094
Mistry, C.J. *see* Danson, C.N. 85429
Mistry, D.K. *see* Kotwal, P.P. 81431
Mistry, P. *see* Venkat, K. 61993
Mistry, P.M. Broadband RF solutions for PCS1900/DCS1800 109568
Misu, K. *see* Kimura, T. 111389
Misuryaev, T.V. *see* Aktsipetrov, O.A. 96738
Mita, J. *see* Kanehara, T. 119808
Mita, J. *see* Koiwa, I. 69395
Mita, J. *see* Koiwa, I. 69404
Mita, J. *see* Koiwa, I. 110285
Mita, N. A mini-TWT amplifier with super-low power dissipation for Ku-band user earth stations 74075
Mita, N. A wide-band, 150-W CW helix TWT in the 30-GHz band 78635
Mita, S., Ouchi, Y., Takashi, T., Sato, N., Aoi, H., Minoshima, S., Hirai, T., Miyasaka, H., Shimokawa, R., Matsuura, T., Sawaguchi, H., Miyazawa, S., Hikasa, K., Shimokawa, R., Matsuura, T., Sawaguchi, H., Miyazawa, S., Hikasa, K. A 150 Mb/s PRML chip for magnetic disk drives 75261
Mita, S. *see* Kobayashi, N. 75266
Mita, S. *see* Kuroda, T. 73425
Mita, Y., Fujishima, M., Hoh, K. Simultaneous determination of threshold voltage, mobility, and parasitic resistance for short-channel MOSFETs 115196
Mitachi, S., Iwano, S., Nagase, R. Trend of the technology and prospect of lowering cost for fiber optic connectors 99523
Mitachi, S. *see* Iwano, S. 95682
Mitachi, S. *see* Kobayashi, M. 95683
Mitachi, S. *see* Nagase, R. 99524
Mitachi, S. *see* Takada, K. 106846
Mitachi, S. *see* Takeuchi, Y. 95684
Mitachi, S. *see* Yamada, H. 99549
Mital, D.P. *see* Goyal, R.K. 98143
Mital, D.P. *see* Kishor, G.R. 67150
Mital, D.P. *see* Suganthan, P.N. 67144
Mital, D.P. *see* Suganthan, P.N. 86822
Mital, D.P. *see* Suganthan, P.N. 97989
Mital, P.B. An experimental study of rectangular microstrip antenna on a curved surface in simulated plasma medium 76611
Mital, P.B. *see* Kumar, U. 83200
Mital, P.B. *see* Kumar, U. 84459
Mital, R.K., Kumar, U. A cumulative study of performance degrading factors in a high capacity cellular zone system 88133
Mitani, K., Fujita, Y., Shimamoto, H. A study of spatial offset method in the diagonal direction for a very high resolution pickup system 119442
Mitani, K., Katayama, M., Nakazawa, K. Boron present in the interface of bonded SOI wafers and the protection method 63368
Mitani, K., Shimamoto, H., Fujita, Y. 2K×2K image acquisition system using four CMD imagers 68926
Mitani, M. *see* Fujimori, A. 121098
Mitani, S., Adachi, Y., Mukaida, M., Murata, S., Kawamoto, Y., Sasaki, T. ODD160 optical disk drive unit 116002
Mitani, S. *see* Ohnuma, S. 64286
Mitani, Y., Hamamoto, Y., Tomita, S. Back-propagation learning with bootstrap samples 86809
Mitani, Y. *see* Nakamura, K. 80778
Mitas, J., Reuter, K. Subgraphs of hypercubes and subdiagrams of Boolean lattices 103634
Mitatha, S. *see* Cheevasuvit, F. 86879
Mitcham, C. Why the public should participate in technical decision making 92362
Mitchel, G.R. *see* Andrews, H.R. 70319
Mitchel, W. *see* Sudarshan, T.S. 74679
Mitchel, W.C. *see* Evwaraye, A.O. 74298
Mitchel, W.C. *see* Redwing, J.M. 94475
Mitchel, W.C. *see* Smith, S.R. 105299
Mitchell, A. *see* Kuver, A. 75591
Mitchell, A.W. *see* Ning, Y.b. 84633
Mitchell, B., Neu, W., Neumann, K.-H., Vogelsang, I. Interconnection: the key to further liberalisation in Europe 77824
Mitchell, C.J., Etzion, T., Paterson, K.G. A method for constructing decodable de Bruijn sequences 97548
Mitchell, C.J. *see* Liqun Chen 108838
Mitchell, D. Agents in real-time collaborative systems 67870
Mitchell, D.B., Robinson, B.J., Thompson, D.A., Li Qian, Benjamin, S.D., Smith, P.W.E. He-plasma assisted epitaxy for highly resistive, optically fast InP-based materials 82672
Mitchell, D.J., Snyder, A.W., Poladiau, L. Interacting self-guided beams viewed as particles: Lorentz force derivation 85692
Mitchell, D.J. *see* Snyder, A.W. 76263
Mitchell, E.E. *see* Davies, A.G. 62908
Mitchell, E.E. *see* Dunford, R.B. 105287
Mitchell, G.L. Fiber optic sensor markets: boom or bust? 79461
Mitchell, I.H., Bayley, J.M., Chittenden, J.P., Worley, J.F., Dangor, A.E., Haines, M.G., Choi, P. A high impedance mega-ampere generator for fiber z-pinch experiments 71496
Mitchell, I.V. *see* Dian-Tong Lu 94217
Mitchell, I.V. *see* He, J.-J. 85504
Mitchell, I.V. *see* Janz, S. 74127
Mitchell, I.V. *see* Koteles, E.S. 65366
Mitchell, I.V. *see* Labrie, D. 94691
Mitchell, I.V. *see* Poole, P.J. 85321
Mitchell, I.V. *see* Poole, P.J. 96038
Mitchell, J. *see* Listerud, J. 120346
Mitchell, J.D. *see* Gela, G. 102187
Mitchell, J.L., Kothari, R. Human point-of-regard tracking using state space and modular neural network models 108630
Mitchell, J.W. *see* Barbiellini, G. 69722
Mitchell, K.D. *see* Habboush, I.H. 90327
Mitchell, K.G. *see* Pearson, R.A. 66081
Mitchell, K.W. *see* Reiss, J.H. 81869
Mitchell, L.D. *see* Xiandi Zeng 79688
Mitchell, M. *see* Decker, F.-J. 100691
Mitchell, M. *see* Zhigang Chen 65477
Mitchell, M. *see* Zhigang Chen 65499
Mitchell, M.A. *see* Howard, A.J. 62470
Mitchell, N., Bessette, D., Shimada, M. Conductor design and optimisation for ITER 95584
Mitchell, N. *see* Bruzzone, P. 102174
Mitchell, N. *see* Huguet, M. 95609
Mitchell, N.L. *see* Suprise, S.T. 119499
Mitchell, P.J. *see* Foster, S.E. 112311
Mitchell, P.J. *see* Potter, M.J. 112313
Mitchell, P.V. *see* Pepper, D.M. 103478
Mitchell, R.J., Chambers, B., Anderson, A.P. Array pattern synthesis in the complex plane optimised by a genetic algorithm 117058
Mitchell, R.J. *see* Barnett, B.G. 110892
Mitchell, R.T. *see* Benson, D.A. 62530
Mitchell, S.J.N. *see* Parkes, C. 84063
Mitchell, S.J.N. *see* Quinn, L.J. 63677
Mitchem, J. *see* Tuttle, G.T. 75262
Mitchler, P.D., Dahlberg, E.D., Wesseling, E.E., Roshko, R.M. Henkel plots in a temperature and time dependent Preisach model 84772
Miteran, J. *see* Goujou, E. 68932
Mitiche, A., Bouthemy, P. Computation and analysis of image motion: a synopsis of current problems and methods 98072
Mitikka, R. *see* Ailisto, H. 67428
Mitin, A. *see* Artemiev, V. 80101
Mitin, B.S. *see* Suslakova, S.I. 64477
Mitin, K. *see* Afanas'ev, L. 107530
Mitin, K.V. *see* Galushkin, M.G. 96593
Mitin, K.V. *see* Galuskin, M.G. 116689
Mitin, V., Kersulis, S. Monte Carlo simulation of the growth of semiconductor quantum wires 72845
Mitin, V. *see* Mickevicius, R. 62930
Mitin, V. *see* Mickevicius, R. 114739
Mitin, V. *see* Ryzhii, V. *(editor)* 60418
Mitin, V.V., Paulavicius, G., Bannov, N.A. Modeling of heat removal from low dimensional nanostructures 63087
Mitin, V.V., Paulavicius, G., Bannov, N.A., Stroscio, M.A. Radiation patterns of acoustic phonons emitted by hot electrons in a quantum well 83944
Mitin, V.V. *see* Gribnikov, Z.S. 74356
Mitin, V.V. *see* Kochelap, V.A. 115150
Mitjurev, A.A. *see* Izmajlov, V.V. 114363
Mitkas, P.A. *see* Goertzen, B.J. 84960
Mitkas, P.A. *see* Goertzen, B.J. 115993
Mitkas, P.A. *see* Irakliotis, L.J. 106766
Mitkas, P.A. *see* Stanko, P.J. 85335
Mitko, S.V., Van Goor, F.A., Witteman, W.J., Ochkin, V.N. Optical pumping and ferrite flash discharges 107108
Mitkos, P.A. *see* Irakliotis, L.J. 95644
Mitkova, M. *see* Boev, V. 114660
Mitlehner, H. *see* Holzlein, K. 105595
Mito, A., Hagimoto, K., Takahashi, C. Determination of the third-order optical nonlinear susceptibility of fused silica using optical harmonic generation methods 76224
Mito, A. *see* Bottomley, D.J. 85612
Mito, A. *see* Ogura, K. 76240
Mito, A. *see* Saito, H. 70502
Mito, A. *see* Yamashita, M. 76166
Mito, K. *see* Horinouchi, S. 76150
Mito, K. *see* Horinouchi, S. 76261
Mito, K. *see* Horinouchi, S. 85674
Mito, K. *see* Horinouchi, S. 116724
Mito, K. *see* Ishii, K. 75828
Mito, K. *see* Tomizawa, T. 75827
Mito, M. *see* Zhang, S. 89496
Mito, T., Yanagi, N., Takahata, K., Iwamoto, A., Satow, T., Yamamoto, J., Hirano, N. Effects of spatially limited external magnetic fields on short sample tests of large-scale superconductors 95525
Mito, T. *see* Kim, S.W. 95406
Mito, T. *see* Nishimura, A. 92982
Mito, T. *see* Nishioka, T. 91192
Mito, T. *see* Satow, T. 95514
Mito, T. *see* Senba, T. 95438
Mito, T. *see* Sumiyoshi, F. 95561
Mito, T. *see* Takahata, K. 95516
Mito, T. *see* Yamada, S. 102176
Mito, Y. *see* Yano, S. 90318
Mitome, H. *see* Kozuka, T. 74963
Mitome, H. *see* Tuzuiti, T. 70566
Mitomi, O., Kasaya, K., Tohmori, Y., Suzaki, Y., Fukano, H., Sakai, Y., Okamoto, M., Matsumoto, S. Optical spot-size converters for low-loss coupling between fibers and optoelectronic semiconductor devices 85053
Mitomi, O. *see* Noguchi, K. 75584
Mitomi, O. *see* Sakai, Y. 75976
Mitomi, O. *see* Sakai, Y. 96265
Mitra, A. *see* Joffe, D. 79858
Mitra, A. *see* Kundu, D. 66768
Mitra, A.K., Poirier, R.L., Lu, J.J., Hohbach, R. Stabilizing a power amplifier feeding a high Q resonant load 100422
Mitra, A.K., Trost, T.F. Power transfer characteristics of a microwave reverberation chamber 65887
Mitra, D., Morrison, J.A., Ramakrishnan, K.G. ATM network design and optimization: a multirate loss network framework 87352
Mitra, D., Morrison, J.A., Ramakrishnan, K.G. ATM network design and optimization: a multirate loss network framework 98402
Mitra, D. *see* Bambos, N. 78456
Mitra, D. *see* Borst, S. 117962
Mitra, H., Puri, M., Singh, S., Pal, B.B. InAlAs-InGaAs-InP modulation doped optoelectronic field effect transistor (MODOFET) for 1.3-1.6 μm systems 110172
Mitra, J., Singh, C. Incorporating the DC load flow model in the decomposition-simulation method of multi-area reliability evaluation 101923
Mitra, M., Basu, S.K. On some properties of the bathtub failure rate family of life distributions 60717
Mitra, M. *see* Singh, N.B. 105683
Mitra, P. *see* Schimert, T.R. 69148
Mitra, R. Effect of diameter-to-thickness ratio of crystal disks on the vibrational characteristics of ultrasonic ceramic transducers 80690
Mitra, R. On the performance characterization of ultrasonic air transducers with radiating membranes 111352
Mitra, R.S., Roop, P.S., Basu, A. A new algorithm for implementation of design functions by available devices 61860
Mitra, S., Long, R., Pemmaraju, S., Muyshondt, R., Thoma, G. Color image coding using wavelet pyramid coders 77430
Mitra, S., Pemmaraju, S. Efficient coding by neuro-fuzzy clustering in vector quantization of wavelet decomposed signals 97958
Mitra, S., Pemmaraju, S. Optimized vector quantization with fuzzy distortion measure 108557
Mitra, S. *see* Chattopadhyay, S. 93498
Mitra, S. *see* Pal, S.K. 77076
Mitra, S. *see* Pemmaraju, S. 77431
Mitra, S.K. *see* Abreu, E. 77267
Mitra, S.K. *see* Bagchi, S. 76993
Mitra, S.K. *see* Bagchi, S. 76994
Mitra, S.K. *see* Creusere, C.D. 114087
Mitra, S.K. *see* Ing-Song Lin 86195
Mitra, S.K. *see* Ing-Song Lin 97809
Mitra, S.K. *see* Neves, R.F. 114140
Mitra, S.K. *see* Sung-Hwan Jung 77108
Mitra, S.K. *see* Thurnhofer, S. 77262

Mitra, S.K. *see* Thurnhofer, S. 117572
Mitra, S.K. *see* Thurnhofer, S. 117757
Mitra, T.K., Goswami, B. The mapping of neutral ECG potential points on the thorax using a network model of ECG 120444
Mitra, U., Poor, H.V. Detection of spread-spectrum signals for linear multi-user receivers 67545
Mitra, U., Poor, H.V. Adaptive decorrelating detectors for CDMA systems 77700
Mitra, U., Poor, H.V. Activity detection in a multi-user environment 108809
Mitra-Dutta *see* Kan'an, A.M. 116092
Mitrakos, D.K. *see* Samarinas, A.S. 118505
Mitrani, I. *see* Ansell, P.S. 118050
Mitrochenko, V.V. *see* Aizatsky, N.I. 110475
Mitrochenko, V.V. *see* Tur, Yu.D. 89711
Mitrofanov, A.L. *see* Buryi, E.V. 77340
Mitrofanov, D.G. Experimental synthesis procedure of two-dimensional images 119300
Mitrokhin, V. *see* Aristov, V. 106876
Mitros, J. *see* Nunan, P. 63929
Mitros, J. *see* Runnion, E.F. 93389
Mitros, J.C. *see* Gladstone, S.M., IV 75005
Mitrou, N., Kontovasilis, K., Protonotarios, E. ATM traffic engineering for ABR service provisioning 77629
Mitrou, N., Lykouropoulos, N., Nellas, V., Kontovasilis, K. Experimental validation of selected results on ATM statistical multiplexing in the EXPLOIT project 118208
Mitrovic, N. *see* Jeftenic, B. 121933
Mitrovski, Z.I., Titlebaum, E.L. Phase effects in wireless multipath parameter estimation 109364
Mitsa, T. *see* Jiang Qian 110712
Mitsas, C.L. *see* Siapkas, D.I. 114902
Mitsas, C.L. *see* Tassis, D.H. 94432
Mitsas, C.L. *see* Tassis, D.H. 113336
Mitschke, F. *see* Morgner, U. 96209
Mitschke, F.M. *see* Morgner, U. 107212
Mitsis, A. *see* Nicolaides, G.K. 64484
Mitsou, G.V. *see* Thomas, R.M. 61059
Mitsubori, K. *see* Yamazaki, Y. 113706
Mitsudo, S. *see* Kimura, S. 79680
Mitsudo, S. *see* Motokawa, M. 96985
Mitsugi, N. *see* Nagata, H. 85087
Mitsuhashi, H. *see* Nishibe, T. 84071
Mitsuhashi, K. *see* Asano, Y. 69759
Mitsuhashi, K. *see* Kobayashi, M. 86998
Mitsuhashi, K. *see* Kuwabara, T. 81355
Mitsuhashi, M. *see* Kanda, T. 72263
Mitsuhashi, R., Aoki, Y., Hatsuda, T. An experimental result of a fixed slope detection by snow search radar 88686
Mitsuhashi, R. *see* Hatsuda, T. 88394
Mitsuhashi, T. Multimedia and picture quality assessment 87996
Mitsuhashi, T., Aoki, T., Murakata, M., Yoshida, K. Physical design CAD in deep sub-micron era 115289
Mitsuhashi, T. *see* Tobiyama, M. 90030
Mitsui, A. *see* Mitsuya, Y. 119872
Mitsui, H. Progress in Japan in electrical insulation at high temperatures 75039
Mitsui, H., Kumazawa, R., Tanii, T., Chugun, T., Ohsawa, Y., Ozaki, T., Takayama, K. Synchrotron radiation damage test of insulating materials in the TRISTAN MR 79765
Mitsui, H. *see* Ishida, M. 75046
Mitsui, H. *see* Moriyama, H. 95589
Mitsui, H. *see* Nagasawa, H. 105217
Mitsui, K. *see* Nakamura, A. 100330
Mitsui, K. *see* Tawara, S. 84723
Mitsui, S. *see* Sasaki, Y. 73770
Mitsui, S. *see* Tsuboi, S. 74657
Mitsui, T., Sakurai, K. Microdegree azimuth polarimeter using optical heterodyne detection 119744
Mitsui, T., Yamamoto, N., Yoshino, J., Tadokoro, T., Ohta, S., Yanashima, K., Inoue, K. Correlation between cathodoluminescence and structural defects in ZnS/GaAs(100) and ZnSe/GaAs(100) studied by transmission electron microscopy 105183
Mitsui, T. *see* Kandori, A. 110683
Mitsui, Y. *see* Nakahara, K. 73794
Mitsui, Y. *see* Nakayama, M. 83431
Mitsui, Y. *see* Yamauchi, K. 88284
Mitsui, Y. *see* Yano, F. 105625
Mitsuishi, K. *see* Mochizuki, F. 81633
Mitsuishi, M., Sugita, N., Nagao, T., Hatamura, Y. A tele-micro machining system with operational environment transmission under a stereo-SEM 84652
Mitsuishi, S. *see* Matsuoka, T. 71612
Mitsumatsu, G. *see* Shimoda, N. 71347
Mitsumine, H., Noguchi, H., Enami, K., Ninomiya, Y., Yamanoue, Y., Yano, S., Hanazato, A., Okui, M. Virtual Museum–3-D fine art appreciation system 109960
Mitsumori, L.M. *see* Yuan, C. 69989
Mitsumori, M. *see* Nagata, Y. 80455
Mitsumori, Y., Fukushima, H., Ogura, M., Kuroda, T., Koshihara, S., Minami, F. Excitonic free induction decay studied with femtosecond pulse pairs 74243
Mitsumori, Y. *see* Hasegawa, A. 116635
Mitsumoto, H., Murata, T., Takano, K., Fujita, M., Tanaka, S., Itoh, S., Shogen, K., Toyama, N., Miyazawa, H. A mobile satellite news gathering system using a flat antenna 109903
Mitsumoto, S. *see* Tsurimoto, T. 64136
Mitsunaga, O. *see* Senzaki, J. 104106
Mitsunobu, S. *see* Tajima, T. 100491
Mitsuo Gen, Runwei Cheng Optimal design of system reliability using interval programming and genetic algorithms 103699
Mitsuoka, A. *see* Ozeki, T. 85017
Mitsuoka, K. *see* Hoshiya, H. 64344
Mitsuoka, M. *see* Maeda, T. 102242
Mitsuoka, S., Shimoda, T., Miyatake, H., Mizoi, Y., Kobayashi, H., Sasaki, M., Shirakura, T., Takahashi, N., Murakami, T., Morinobu, S. Performance of fragment separator with homogeneously thick energy degrader: a highly flexible system for use with degraders in a wide thickness range 69650
Mitsuoka, Y. *see* Suda, M. 74946
Mitsuru, E. *see* Mikihiko, K. 104198
Mitsushima, Y. *see* Kodama, M. 113387
Mitsutake, M. *see* Fettweis, G. 109283
Mitsutake, Y., Hirata, K., Ishihara, Y. Dynamic response analysis of a linear solenoid actuator 107812
Mitsuya, H. *see* Sato, H. 115478
Mitsuya, Y., Mitsui, A., Kawabe, Y., Lunde, L. Three-dimensional measurement of head flying height and attitude using image processing of fringe patterns formed by Michelson laser interferometry 119872
Mitsuyama, Y. *see* Mizuno, Y. 81095
Mitsuyu, T. *see* Manabe, Y. 76237
Mitsuyu, T. *see* Ohyama, H. 84062
Mitsuyu, T. *see* Tokizaki, T. 62910
Mittal, A. Experimental modelling of groove effect on finline transitions at Ka-band 73670
Mittal, A., Wheeler, R.G., Keller, M.W., Prober, D.E., Sacks, R.N. Electron-phonon scattering rates in GaAs/AlGaAs 2DEG samples below 0.5 K 105286
Mittal, A.P. *see* Jain, D.K. 111982
Mittal, V. *see* Pal, S. 105721
Mittal, V. *see* Singh, R. 110167
Mittelholzer, T. Minimality tests for rational encoders over rings 66402
Mittelman, J.p. *see* Strain, R.C. 70396
Mittelman, J.P. *see* Strain, R.C. 120648
Mittelstadt, W.A. *see* Hauer, J.F. 70835
Mittelstadt, W.A. *see* Zhu, W. 101738
Mitter, S. *see* Casadei, S. 67238
Mitter, S.K. *see* Casadei, S. 86791
Mitterauer, J. Field emission from microstructured cesiated surfaces 73927
Mitterauer, J. Field emission from microstructured cesiated surfaces 83710
Mitterdorfer, A. *see* Sasaki, K. 81814
Mittereder, J. *see* Boos, J.B. 106061
Mittereder, J. *see* Christianson, K. 73810
Mitterer, J. *see* Hein, M.A. 62259
Mittermayer, J., Moreira, A., Davidson, G., Bamler, R., Desnos, Y.L. High precision processing of SIR-C ScanSAR data 120713
Mittermayer, J. *see* Moreira, A. 111163
Mittermayer, J. *see* Moreira, A. 120712
Mittermayr, C.R., Nikolov, S.G., Hutter, H., Grasserbauer, M. Wavelet denoising of Gaussian peaks: a comparative study 117398
Mittermeier, E. *see* Strahle, S. 104832
Mittig, W. *see* Odland, O.H. 110593
Mittiga, A. *see* Mariucci, L. 94403
Mittl, S. *see* Hook, T.B. 106207
Mittleman, S.D. *see* Herd, J.S. 97357
Mitton, T. *see* Dawson, S. 108845
Mittra, D.K., Chatterjee, T.K. On-line insulation monitoring of heavy duty coal face electrical drives using zero sequence current harmonics 112653
Mittra, I.S. *see* Aggarwal, M.M. 69839
Mittra, R., Altman, Z. Techniques for solving electromagnetic scattering problems from large bodies 65810
Mittra, R. *see* Dey, S. 76581
Mittra, R. *see* Dey, S. 117014
Mittra, R. *see* Harms, P.H. 91949
Mittra, R. *see* Jandhyala, V. 62370
Mittra, R. *see* Kuzuoglu, M. 76401
Mittra, R. *see* Oh, K.S. 65936
Mittra, R. *see* Park, I. 108049
Mittra, R. *see* Pekel, U. 97317
Mittra, R. *see* Pekel, U. 116843
Mittra, R. *see* Schamberger, M.A. 76529
Mittra, R. *see* Stupfel, B. 85827
Mittra, R. *see* Vinchao Chen 92266
Mittra, R. *see* Wai Lee Ko 80611
Mittra, R. *see* Yinchao Chen 76528
Mittra Raj *see* Raj Mittra
Mitts, H., Luijten, G., Korinthios, J.A., Nelson, J. Connectionless signaling network layer in UMTS 78541
Mitty, H. *see* Khorsandi, A. 80248
Mituhashi, R. *see* Hatsuda, T. 88395
Mitumatu, F. *see* Hayashi, K. 81813
Mitura, S. *see* Szmidt, J. 63242
Mitura, S. *see* Werbowy, A. 94581
Mitwalli, A. *see* Jackson, D.K. 121826
Mitwalli, A.H. *see* Schultz, A.M. 122046
Mityagin, Yu.A., Murzin, V.N., Stepanov, O.N., Stoklitsky, S.A. Tunable cyclotron resonance submillimeter laser emission of hot carriers in uniaxially stressed p-germanium 65362
Mityagin, Yu.A. *see* Karuzskii, A.L. 63009
Mityagina, M.I., Kravtsov, Yu.A., Pungin, V.G., Sabinin, K.D., Yakovlev, V.V. Detection of convective instability in atmospheric boundary layer over the ocean by airborne Ku-band real aperture radar 111221
Mityushev, D.F. *see* Kumskov, M.I. 67178
Mityushev, D.F. *see* Kumskov, M.I. 67179
Mitzel, D.J., Estrin, D., Shenker, S., Zhang, L. A study of reservation dynamics in integrated services packet networks 87792
Mitzenmacher, M. *see* Broder, A. 86736
Mitzkus, A. *see* Funck, B. 89004
Mitzner, W. *see* Pisupati, C. 110717
Miu, D., Grigoriu, C., Dragulinescu, D., Chis, I. Characterization of pulsed-laser deposition plasmas using ion probes 72947
Miu, K.N. *see* Jin-Cheng Wang 121135
Miu, K.N. *see* Jin-Cheng Wang 121136
Miura, A., Morikawa, H., Mizumachi, M. Air traffic control data tables for conflict alert system 80589
Miura, A. *see* Kobayashi, H. 114010
Miura, A. *see* Matsuura, H. 83491
Miura, E. *see* Matsushima, I. 75812
Miura, H., Ishitsuka, N., Saito, N., Ohta, H., Hashimoto, C., Ikeda, S. Stress analysis of transistor structures considering the internal stress of thin films 74752
Miura, H. *see* Hosokawa, K. 74892
Miura, H. *see* Inoue, T. 83651
Miura, H. *see* Narikiyo, T. 112885
Miura, I. *see* Ando, Y. 63783
Miura, I. *see* Hatanaka, K. 120086
Miura, I. *see* Matsunaga, K. 83502
Miura, I. *see* Sato, K. 100751
Miura, J. *see* Takizawa, H. 77096
Miura, K., Fujiya, H., Mizuno, T., Ushiki, T. Cell-based echo canceller for voice communications over ATM networks 77597
Miura, K., Kimura, Y., Kondo, K., Asano, T., Banno, H. Characteristics of low temperature firing ceramic and its application to MCM 94141
Miura, K. *see* Nakagawa, G. 72292
Miura, K. *see* Nakagawa, G. 78930
Miura, K. *see* Sasaki, S. 95686
Miura, K. *see* Tadakuma, S. 71542
Miura, K. *see* Takahata, K. 113814
Miura, M., Obata, A. Crystallographic and magnetic behavior in crystallization process of FeTaC film 64205
Miura, M. *see* Matsumoto, T. 69942
Miura, N., Baba, N. Image reconstruction from spectral magnitude under a nonnegativity constraint 98082
Miura, N., Baba, N. Superresolution for a nonnegative band-limited image 98084
Miura, N. *see* Ando, M. 79598
Miura, N. *see* Chao-Nan Xu 100160
Miura, N. *see* Cole, B.E. 105186
Miura, N. *see* Geyu Lu 100161
Miura, N. *see* Hayden, R.K. 114745
Miura, N. *see* Hyodo, T. 112281
Miura, N. *see* Komatsu, T. 74251
Miura, N. *see* Kuroda, S. 74400
Miura, N. *see* Nicholas, R.J. 62973
Miura, N. *see* Strutz, T. 63588
Miura, N. *see* Tanaka, T. 62918
Miura, N. *see* Tokuhiro, O. 100258
Miura, N. *see* Tsuji, S. 95034
Miura, N. *see* Yamaura, H. 89182
Miura, O., Inoue, I., Matsumoto, K., Tanaka, Y. Development of high-J_c NbTi multifilamentary superconducting wire with Nb artificial pins for AC applications 75335
Miura, O., Tanaka, S., Miyoshi, K., Ichiyanagi, N., Tanaka, Y., Ishii, H., Hara, T. 66 kV-2 kA peak load test of high-T_c superconducting model cable 102178
Miura, O. *see* Akune, T. 75341
Miura, R., Chiba, I., Tanaka, T., Karasawa, Y. Digital self-beam steering array for mobile satellite communications 66129
Miura, R., Chiba, I., Tanaka, T., Karasawa, Y. Self-beam steering array antenna by digital beamforming for mobile satellite communications 109576
Miura, R. *see* Klouche-Djedid, A. 108332
Miura, S., Katakami, K., Akiyama, Y. Reliability assurance of NEC's space TWTs 83766
Miura, S. *see* Iida, H. 101321
Miura, S. *see* Komiyama, B. 69469
Miura, S. *see* Shibuya, T. 86054
Miura, S. *see* Watanabe, K. 95529
Miura, S. *see* Yamamoto, S. 90323
Miura, T., Kishi, T. A basic thin film study of spinel $LiMn_2O_4$ as a possible cathode material for lithium secondary cells 112280
Miura, T., Kobayashi, M., Konishi, Y. A continuous-magnetic-circuit lumped-element circulator constructed by multilayer ceramic technologies 114197
Miura, T., Kobayashi, M., Nagata, H., Konishi, Y. Optimization of a lumped element circulator based on eigen inductance evaluation and structural improvement 83308
Miura, T., Niwano, M., Shoji, D., Miyamoto, N. Initial stages of oxidation of hydrogen-terminated Si surface stored in air 105701
Miura, T., Taniguchi, T. Tuning of exciting period for a stepping motor by regulator 102770
Miura, T. *see* Matsunuma, K. 98890
Miura, T. *see* Niwano, R. 105705

Miura, T. *see* Sakamoto, I. 90121
Miura, T. *see* Sakanaka, S. 100681
Miura, T. *see* Shimauchi, M. 107075
Miura, T. *see* Sumiya, T. 92717
Miura, T. *see* Sumiya, T. 103849
Miura, T.A., Niwano, M., Shoji, D., Miyamoto, N. Kinetics of oxidation on hydrogen-terminated Si(100) and (111) surfaces stored in air 63309
Miura, Y. Real-time current testing for A/D converters 61987
Miura, Y. *see* Kakkad, R. 105984
Miura, Y. *see* Manabe, T. 97114
Miura, Y. *see* Miyajima, Y. 100240
Miura, Y. *see* Ohdachi, Y. 102671
Miura-Mattausch, M. *see* Prigge, O. 105850
Miwa, H., Tanaka, T., Oshima, K., Nakamura, Y., Ishii, T., Ohba, A., Kouro, Y., Furukawa, T., Ikeda, Y., Tsuchiya, O., Hori, R., Miyazawa, K. A 140 mm^2 64 Mb AND flash memory with a 0.4 μm technology 73345
Miwa, M., Misawa, H., Araki, T., Yoshimura, T. Laser manipulation technique and its role in study of micromachine 107678
Miwa, S., Yamamoto, S., Onoda, T., Miyamoto, M., Ishida, S., Kita, N. Corrosion of AMLCD glass substrates by buffered hydrofluoric acids 89450
Miwa, S. *see* Akiyoshi, M. 102916
Miwa, S. *see* Gwo, S. 84108
Miwa, S. *see* Kuo, L.H. 103830
Miwa, S. *see* Yao, T. 74194
Miwa, T., Yamada, H., Hirota, Y., Satoh, T., Hara, H. A 1 Mb 5-transistor/bit non-volatile CAM based on flash-memory technologies 73348
Miwa, T. *see* Kamimura, K. 104167
Miwa, Y. Stability of terminated two port networks 114081
Miwa, Y., Mukai, K. Filters using distributed RC lines 114060
Miwa, Y. *see* Oguro, E. 87907
Mix, L.P., Mendel, C.W., Jr., Seidel, D.B., Rosenthal, S.E. TRIFL: a design tool for modeling complex magnetically insulated transmission line geometries 111625
Miya, K. *see* Demachi, K. 64513
Miya, K. *see* Higasa, H. 81398
Miya, K. *see* Kitsuta, K. 113586
Miya, K. *see* Kozawa, T. 89681
Miya, K. *see* Ninomiya 64569
Miya, K. *see* Pavo, J. 61508
Miya, K. *see* Uesaka, M. 69612
Miya, K. *see* Uesaka, M. 71082
Miya, K. *see* Uesaka, M. 91775
Miya, K. *see* Vertesy, G. 113585
Miya, M. *see* Fukumi, T. 76236
Miya, N. *see* Kikuchi, M. 106704
Miya, S. *see* Kuze, N. 114756
Miyaba, T. *see* Atsumi, S. 73349
Miyabayashi, H., Funada, T. Pitch extraction and U/V detection of speech by cross-coupling multilayered NN with feedback architecture 97624
Miyachi, M., Matsumoto, K., Matsuki, T. The new generation of ATC system for super high-speed operation on Shinkansen lines 122025
Miyachi, M., Ohira, Y., Komatsu, S., Kurihara, M., Shimoyama, N., Kobayashi, M., Kato, Y., Yoshikawa, A. Real time monitoring of growth and p-type doping processes in MOVPE of ZnSe 74201
Miyachi, T., Ohkawa, S., Matsuzawa, H., Otogawa, T., Kobayashi, N., Onabe, H. Position-dependent instability of lithium-drifted silicon detector 80020
Miyachi, T. *see* Miyakawa, M. 91453
Miyagawa, I., Mizumachi, H., Matsuki, M. Color-facsimile system for mixed-color documents 87648
Miyagawa, K. *see* Mekada, Y. 70035
Miyagawa, S. *see* Nakajima, N. 72111
Miyagawa, S. *see* Nakao, S. 114591
Miyagawa, T. Micro SCARA robot for miniature parts assembling 91554
Miyagawa, T. *see* Koga, A. 74968
Miyagawa, T. *see* Okabe, K. 109409
Miyagawa, Y. *see* Nakao, S. 114591
Miyagi, H. *see* Nakama, T. 70688
Miyagi, H. *see* Tamegai, N. 77953
Miyagi, K., Horii, S., Sugimoto, T. Insulation characteristics of perfluorocarbon liquid/solid insulation for nonflammable large power transformer 112049
Miyagi, K., Nanami, M., Kobayashi, I. Development of high resolution optical heterodyne interferometer 69049
Miyagi, M. *see* Saito, M. 85113
Miyagi, M. *see* Takakuwa, M. 95927
Miyagi, N., Kudo, H., Saito, T. Generalization of a linogram method for image reconstruction from projections 108436
Miyagi, S., Ogura, H., Takahashi, N. Estimation of stochastic model for random moving image by means of noncausal model 117667
Miyagi, T., Iseki, Y., Higuchi, K., Shizuki, Y., Hanawa, T., Takagi, E., Saito, M., Yoshihara, K., Konno, M. MCM-D/L using copper/photosensitive-BCB multilayer for upper microwave band systems 114331
Miyahara, H. *see* Harai, H. 119143
Miyahara, H. *see* Hasegawa, G. 77987
Miyahara, H. *see* Kawahara, K. 77607
Miyahara, H. *see* Oh, S.-W. 78166
Miyahara, H. *see* Ohsaki, H. 77606
Miyahara, H. *see* Ohsaki, H. 77662
Miyahara, H. *see* Ohsaki, H. 77668
Miyahara, H. *see* Ohsaki, H. 109010
Miyahara, H. *see* Ryu, B. 77776
Miyahara, H. *see* Shimonishi, H. 87791
Miyahara, H. *see* Shimonishi, H. 118116
Miyahara, H. *see* Wakamiya, N. 67527
Miyahara, H. *see* Wakamiya, N. 77984
Miyahara, J. *see* Takahashi, K. 110588
Miyahara, K. Micropackaging technology for card size PC with 386/486 83141
Miyahara, K., Tsuru, K., Kubo, S., Suzuki, M. High-T_c vortex flow transistors with focused ion beam channels 84916
Miyahara, M. *see* Horita, Y. 87066
Miyahara, S. *see* Ikeda, H. 100804
Miyahara, S. *see* Saitoh, Y. 80027
Miyahara, S. *see* Saitoh, Y. 100838
Miyahara, S. *see* Tsuboyama, T. 100836
Miyahara, Y. Stability of trapped ions in electron storage rings in view of parametric resonance 89887
Miyahara, Y., Oumi, Y., Moriyama, S. Design methodology for analog high frequency ICs 83264
Miyahara, Y. *see* Takao, M. 100452
Miyahara, Y. *see* Takao, M. 100453
Miyaho, N., Itoh, A., Koyama, K. ATM switching node system technology for effective maintainability 78313
Miyaho, N., Shiomoto, K., Koyama, K. Design technology of a commercial ATM node system 98390
Miyai, H., Noda, H., Kawaguchi, T., Yamagishi, S., Hatakeyama, A., Ozawa, T., Shiota, T. 1.3-inch poly-silicon TFT-LCD projector for multimedia 100238
Miyai, H. *see* Kitaguchi, H. 90153
Miyai, H. *see* Kitaguchi, H. 100894
Miyai, H. *see* Yamashita, Y. 90149
Miyai, K., Tada, T., Hanafusa, K., Mizuno, F., Uemiya, T. 1 kWh-class lithium ion battery 81710
Miyai, T. *see* Furukawa, Y. 96683
Miyai, Y. *see* Ogasawara, M. 61879
Miyai, Y. *see* Oshita, E. 96437
Miyaji, F. *see* Kawashitga, M. 110918
Miyaji, H. *see* Hira, M. 117033
Miyajima, H., Furukawa, S., Mehregany, M. High aspect ratio photolithography with precise dimensional control 63990
Miyajima, H., Yamamoto, E., Ito, M., Hashimoto, S., Komazaki, I., Shinohara, S., Yanagisawa, K. Optical micro encoder using surface-emitting laser 79359
Miyajima, H. *see* Aigarabel, P.A. 64247
Miyajima, H. *see* Furukawa, S. 63451
Miyajima, H. *see* Furukawa, S. 64020
Miyajima, H. *see* Ito, M. 69115
Miyajima, H. *see* Yuasa, S. 64194
Miyajima, N.K. *see* Nitta, S. 62552
Miyajima, T. An adaptive multiuser receiver using a Hopfield network 77688
Miyajima, T. *see* Kanematsu, K. 64304
Miyajima, T. *see* Tokura, N. 105718
Miyajima, Y., Ohashi, M., Nakajima, K. Novel dispersion-managed fiber for suppressing FWM and an evaluation of its dispersion distribution 88632
Miyajima, Y., Watanabe, T., Taniwa, K., Miura, Y. 41 cm 100 degree deflection short length color display tube 100240
Miyajima, Y. *see* Hogari, K. 75504
Miyajiri, A. *see* Katori, K. 109013
Miyakawa, M., Hayashi, T. Non-invasive thermometry using a chirp pulse microwave tomographic measurement of temperature change in saline solution phantoms of the human body 69960
Miyakawa, M., Hoshina, S. A new gel phantom used for three dimensional measurement of the local SAR 101444
Miyakawa, M., Nakajima, A., Miyachi, T. Radial-type superconducting magnetic bearings 91453
Miyakawa, M. *see* Kanai, Y. 70214
Miyakawa, M. *see* Kanai, Y. 110919
Miyakawa, N. *see* Kaneko, T. 104132
Miyakawa, N. *see* Sone, H. 104036
Miyakawa, S. *see* Kojima, T. 94035
Miyakawa, T. *see* Kojima, S. 77376
Miyakawa, T. *see* Kojima, S. 97921
Miyakawa, T. *see* Ohzone, T. 115358
Miyakawa, Y., Ikegami, N., Matsui, T., Kanamori, J. Study of etching mechanism of SiO_2 74577
Miyakawa, Y. *see* Shimoyama, K. 74641
Miyake, A. *see* Tanaka, Y. 117945
Miyake, E. *see* Usami, K. 114983
Miyake, H., Sugahara, K.-I., Kobayashi, T., Kondo, K., Taniguchi, M., Sugiyo, M. Effect of oxygen additive on microwave plasma for diamond film synthesis studied by the plasma impedance measurement 92806
Miyake, H. *see* Ishizaki, T. 73663
Miyake, K., Gohda, S., Sakagami, K., Nishioka, K. Development of an interactive in-vehicle information system utilizing a radio pager 99323
Miyake, K. *see* Kamagami, S. 89391
Miyake, M., Oishi, K., Yamaguchi, S. Adaptive equalization for nonlinear channel using Gaussian radial basis function 66206
Miyake, M. *see* Awaya, N. 95175
Miyake, M. *see* Higashi, Y. 63146
Miyake, M. *see* Hirose, M. 108008
Miyake, M. *see* Iwamoto, S. 80777
Miyake, M. *see* Sano, H. 78388
Miyake, S., Uchiyama, T., Kumano, T., Aoki, N., Ichihara, M. Development of superconducting AC coils 106730
Miyake, S. *see* Fujii, M. 98244
Miyake, S. *see* Kato, T. 121085
Miyake, S. *see* Matsuoka, M. 92816
Miyake, S. *see* Nishio, K. 62712
Miyake, S. *see* Yue-Jin Tang 71383
Miyake, Y. Image reproduction for hardcopy in multimedia age 86600
Miyake, Y., Yasuo, T., Akiyama, Y., Taniguchi, S., Kadowaki, M., Kawamura, H., Saitoh, T. Development of a planar solid oxide fuel cell module at Sanyo 81757
Miyake, Y. *see* Funatsu, E. 87247
Miyake, Y. *see* Shixin Zhou 69945
Miyake, Y. *see* Tsumura, N. 108535
Miyake, Y. *see* Tsuruoka, S. 90416
Miyake, Y. *see* Wakabayashi, T. 67434
Miyake Sei-Ichi *see* Sei-Ichi Miyake
Miyaki, A. *see* Taniguchi, T. 117368
Miyakoshi, K. *see* Okumura, F. 100198
Miyakoshi, M. *see* Tanaka, A. 67440
Miyama, M., Izawa, H., Suehiro, J., Hara, M. Short gap breakdown characteristics of helium gas at room temperature under equivalent condition of superconducting coil quenching 95608
Miyama, M., Suehiro, J., Hara, M. Effect of electrode geometry on breakdown characteristics in helium gas 75015
Miyama, M. *see* Hara, M. 81921
Miyama, M. *see* Hara, M. 95603
Miyama, M. *see* Hirota, A. 81362
Miyama, M. *see* Suehiro, J. 75010
Miyama, M. *see* Suehiro, J. 115399
Miyamoto, A., Mori, Y., Sasaki, T., Nakai, S. Improvement of optical transmission of $KTiOPO_4$ crystals by growth in nitrogen ambient 95633
Miyamoto, A. *see* Kikuchi, M. 80434
Miyamoto, A. *see* Mori, Y. 85615
Miyamoto, H., Nishijima, S., Kushida, T., Okada, T. Instability of impregnated superconducting windings induced by mechanical disturbance 95585
Miyamoto, H. *see* Ando, Y. 63783
Miyamoto, H. *see* Fujihara, A. 63795
Miyamoto, H. *see* Kohashi, T. 75070
Miyamoto, H. *see* Maruyama, K. 100989
Miyamoto, H. *see* Nakayama, T. 63771
Miyamoto, H. *see* Nakayama, T. 103910
Miyamoto, H. *see* Yamauchi, H. 79144
Miyamoto, I., Mori, K. Detection of clearance in laser lap joint welding 116791
Miyamoto, J. *see* Himeno, T. 113955
Miyamoto, J. *see* Imura, A. 69391
Miyamoto, J.-I. *see* Nakamura, H. 93368
Miyamoto, K. *see* Alvarez, G.A. 84873
Miyamoto, K. *see* Inoue, T. 69696
Miyamoto, K. *see* Kawahara, A. 69275
Miyamoto, K. *see* Kimura, K. 84859
Miyamoto, K. *see* Kimura, K. 84923
Miyamoto, K. *see* Maruyama, K. 100989
Miyamoto, K. *see* Sato, S. 91899
Miyamoto, K. *see* Watanabe, K. 110471
Miyamoto, M. *see* Hosaka, S. 75405
Miyamoto, M. *see* Hosaka, S. 84945
Miyamoto, M. *see* Miwa, S. 89450
Miyamoto, M. *see* Nomura, T. 108369
Miyamoto, N. *see* Abe, T. 61428
Miyamoto, N. *see* Enta, Y. 82656
Miyamoto, N. *see* Enta, Y. 105700
Miyamoto, N. *see* Kawahara, T. 73347
Miyamoto, N. *see* Miura, T. 105701
Miyamoto, N. *see* Miura, T.A. 63309
Miyamoto, N. *see* Niwano, R. 105705
Miyamoto, N. *see* Suemitsu, M. 92694
Miyamoto, N. *see* Takakuwa, Y. 113385
Miyamoto, N. *see* Watanabe, K. 110471
Miyamoto, S., Tamura, T., Fujimoto, J. ECO-Fusion, integrated software for environmentally-conscious production 72258
Miyamoto, S., Yasuike, K., Murakami, M., Nishihara, K., Nakai, S., Imasaki, K., Yamanaka, C., Yatsui, K., Masugata, K., Kawata, S., Kasuya, K., Horioka, K., Aoki, T. Fusion energy research by light ion beams in Japan 69601
Miyamoto, S. *see* Akune, T. 75341
Miyamoto, S. *see* Hanaoka, S. 67562
Miyamoto, S. *see* Okada, Y. 102697
Miyamoto, S. *see* Sakai, S. 91304
Miyamoto, S. *see* Shinozuka, T. 99392
Miyamoto, S. *see* Tanoi, S. 61998
Miyamoto, S. *see* Tanoi, S. 93540
Miyamoto, S. *see* Yamaguchi, Y. 93358
Miyamoto, S. *see* Yamanaka, Y. 68116
Miyamoto, T., Kumagai, S. An efficient algorithm for deriving logic functions of asynchronous circuits 83042
Miyamoto, T., Ohshige, T., Myoi, Y., Suzuki, F., Tanaka, M., Tomoda, T. A new type of LCD projector with separately processed low-frequency chrominance and wide-band luminance signals 89234
Miyamoto, T. *see* Fukami, T. 81438
Miyamoto, T. *see* Fukami, T. 91503
Miyamoto, T. *see* Loh, T.H. 103900
Miyamoto, T. *see* Nishikawa, M. 106870
Miyamoto, T. *see* Nishikawa, M. 119798
Miyamoto, T. *see* Nishizawa, K. 101215
Miyamoto, T. *see* Suzuki, T. 71502

Miyamoto, T. *see* Takeuchi, Y. 118331
Miyamoto, Y., Li, Y., Baba, M., Matsuoka, M. Two-photon interference of imperfectly mode-locked pulses 116602
Miyamoto, Y., Yoshitani, T., Nakagawa, S., Naoe, M. Change of magnetoresistance characteristic and crystal structure by ion bombardment to interfaces in [$Ni_{81}Fe_{19}$/Cu] multilayers 75210
Miyamoto, Y., Yoshitani, T., Nakagawa, S., Naoe, M. Effects of $Ni_{81}Fe_{19}$ underlayer and Ar ion bombardment to deposition of (111) oriented $Fe_{50}Mn_{50}$ layers for spin valve devices 115638
Miyamoto, Y., Yoshitani, T., Nakagawa, S., Naoe, M. Investigations of GMR characteristics and crystal structures for $Ni_{81}Fe_{19}$/Cu multilayers with Ar ion bombardment on interfaces 115645
Miyamoto, Y. *see* Baba, M. 119912
Miyamoto, Y. *see* Hara, K. 80005
Miyamoto, Y. *see* Hongo, H. 105440
Miyamoto, Y. *see* Kakihara, T. 78592
Miyamoto, Y. *see* Kimura, S. 119163
Miyamoto, Y. *see* Kobayashi, M. 86998
Miyamoto, Y. *see* Ogaki, K. 102241
Miyamoto, Y. *see* Sano, A. 78876
Miyamoto, Y. *see* Ying Li 119913
Miyamura, H. *see* Kuriyama, N. 71659
Miyamura, H. *see* Kuriyama, N. 91721
Miyamura, M. *see* Murayama, A. 75088
Miyamura, M. *see* Yamada, T. 78257
Miyanaga, N., Matsuoka, S., Ando, A., Tsubakimoto, K., Amano, S., Nakatsuka, M., Kanabe, T., Jitsuno, T., Nakai, S. Improvement of laser irradiation uniformity in Gekko XII glass laser system 85564
Miyanaga, Y., Ohtsuki, N., Hiroshige, M., Tochinai, K. Parallel calculation of nonlinear signal processing using self-tuning network 97800
Miyanaga, Y. *see* Horita, E. 117453
Miyanaga, Y. *see* Shimizu, J. 77028
Miyanaga, Y. *see* Shimizu, J. 114119
Miyanishi, S. *see* Akinaga, H. 95334
Miyanishi, S. *see* van Roy, W. 92687
Miyano, J. *see* Ino, M. 61380
Miyano, K. *see* Hazumi, M. 100854
Miyano, K. *see* Kasuga, S. 80014
Miyano, K. *see* Saeki, T. 73369
Miyano, K. *see* Tsuboyama, T. 100836
Miyano, N. *see* Kumagai, H. 90788
Miyao, H., Aisawa, S., Ito, F., Noguchi, K. High-speed tuning of a neural control WDM demultiplexer 78803
Miyao, H., Aisawa, S., Ito, F., Noguchi, K. A novel tuning method for a neural control WDM demultiplexer 98974
Miyao, H., Noguchi, K., Koga, M., Matsumoto, T. Multi-frequency oscillation learning method for analog neural network and learning LSI based on the method 62093
Miyao, H. *see* Ying Dai 87258
Miyaoka, R.S., Costa, W.L.S., Harrison, R.L., Lewellen, T.K. Investigation of scatter in singles-based PVI transmission imaging 101341
Miyaoka, R.S., Lewellen, T.K., Kim, J.S., Kaplan, M.S., Kohlmyer, S.K., Costa, W., Jansen, F. Performance of a dual headed SPECT system modified for coincidence detection 90425
Miyaoka, R.S. *see* Kaplan, M.S. 101087
Miyaoka, R.S. *see* Lewellen, T.K. 101277
Miyaoka, R.S. *see* Lewellen, T.K. 101344
Miyaoku, K., Harada, K. A modification to the polygonal approximation algorithm by using cone intersection method 82528
Miyara, A. *see* Uehara, H. 81359
Miyasaka, E. *see* Nakamura, A. 110942
Miyasaka, F. *see* Arimoto, S. 71923
Miyasaka, F. *see* Kobayashi, R. 65213
Miyasaka, H. *see* Mita, S. 75261
Miyasaka, K. *see* Shiga, T. 110816
Miyasaka, M. *see* Hashizume, T. 89266
Miyasaka, M. *see* Matsuo, M. 89373
Miyasaka, Y. *see* Koike, H. 75061
Miyasato, K. *see* Hwang, S.-M. 113310
Miyasato, T., Noma, H., Kishino, F. Subjective evaluation of perception of delay time between visual information and tactile information 78128
Miyasato, T. *see* De Silva, L.C. 78139
Miyasato, T. *see* De Silva, L.C. 98810
Miyasato, T. *see* Kishino, F. 109179
Miyasato, T. *see* Sonoda, N. 104105
Miyasato, T. *see* Yong Sun 92803
Miyase, T. *see* Hanai, S. 96975
Miyashita, A. *see* Murakami, K. 113344
Miyashita, E., Yoneda, Y., Numamawa, J. Three-dimensional analysis of the magnetization process of thin-film media 75240
Miyashita, H. Extending pitchmatching algorithms to layouts with multiple grid constraints 84513
Miyashita, H., Katagi, T. Radial line planar monopulse antenna 99400
Miyashita, I. *see* Ikegaya, K. 85044
Miyashita, K. *see* Ohtomo, T. 100233
Miyashita, K. *see* Okada, H. 89349
Miyashita, K. *see* Sasaki, H. 68015
Miyashita, M., Andoh, N., Nakano, H., Motoshima, K., Kebukawa, N., Shibao, S., Tanino, N. A GaAs driver IC for a 2.5 Gb/s optical communication system 78702
Miyashita, M., Shimada, M., Yoshida, N., Kojima, Y., Kitano, T., Higashisaka, N., Nakagawa, J., Takagi, T., Otsubo, M. An AlGaAs/InGaAs pseudomorphic HEMT modulator driver IC with low power dissipation for 10 Gb/s optical transmission systems 96051
Miyashita, O. *see* Ohnuki, T. 71489
Miyashita, O. *see* Ohnuki, T. 112406
Miyashita, T., Uchida, T. Optically compensated bend mode (OCB mode) with wide viewing angle and fast response 119815
Miyashita, T. *see* Kimura, N. 68030
Miyashita, T. *see* Kuo, C.-L. 89455
Miyashita, T. *see* Sakuma, S. 86361
Miyata, A. *see* Zhewang Ma 97233
Miyata, C., Kashiwagi, H. Error rate of equivalent input grouping of logical circuit by use of M-sequence correlation 83049
Miyata, E. *see* Someya, K. 104751
Miyata, H. *see* Hazumi, M. 100854
Miyata, H. *see* Hozumi, N. 70917
Miyata, H. *see* Iinuma, K. 64119
Miyata, H. *see* Onaka, H. 88642
Miyata, H. *see* Takahashi, T. 64114
Miyata, H. *see* Takeda, T. 64148
Miyata, H. *see* Tsuboyama, T. 100836
Miyata, H. *see* Yuan Changmin 64124
Miyata, K., Kakuno, K., Ohashi, K. Moving analysis of variable phase undulator (APPLE-2) 110507
Miyata, K. *see* Takahashi, N. 64186
Miyata, S. *see* Abe, H. 76246
Miyata, S. *see* Fujita, S. 85049
Miyata, S. *see* Furukawa, T. 85600
Miyata, S. *see* Kim, J.C. 85647
Miyata, S. *see* Talukder, M. 85588
Miyata, S. *see* Tao, X.T. 76253
Miyata, S. *see* Tao, X.T. 85654
Miyata, S. *see* Watanabe, T. 85640
Miyata, T. *see* Hinohara, K. 62434
Miyata, T. *see* Ishii, M. 104168
Miyata, T. *see* Kaga, S. 91887
Miyata, Y. *see* Kuroda, T. 79547
Miyata, Y. *see* Matsumoto, M. 64340
Miyata, Y. *see* Tsukamoto, A. 110214
Miyatake, H. *see* Mitsuoka, S. 69650
Miyatake, H. *see* Ogino, S. 74553
Miyatake, H. *see* Ogino, S. 105623
Miyatake, H. *see* Sunaga, T. 113975
Miyatake, M. *see* Hirai, M. 113478
Miyatake, M. *see* Sekiguchi, T. 119495
Miyatake, T. *see* Mese, M. 98167
Miyatake, T. *see* Nagaya, S. 86872
Miyatani, T. *see* Nojima, A. 93765
Miyatsuji, K., Ishida, H., Fukui, T., Ueda, D. A technique for improving the distortion of GaAs variable attenuator IC using squeezed-gate FET structure 83427
Miyatsuji, K. *see* Ueno, H. 63798
Miyauchi, A. *see* Kitajima, K. 65361
Miyauchi, A. *see* Singh, B.P. 107408
Miyauchi, H. *see* Hiyama, T. 121094
Miyauchi, H. *see* Kihara, H. 70670
Miyauchi, H. *see* Koide, T. 75177
Miyauchi, H. *see* Takatsu, N. 73900
Miyauchi, I. *see* Kumagai, H. 90788
Miyauchi, K., Noguchi, M. An optimum filtering for FDM transmission of linear modulation channels employing passive channel multiplexers 66766
Miyauchi, K. *see* Osuga, K. 66256
Miyauchi, K. *see* Osuga, K. 97839
Miyauchi, K. *see* Wakabayashi, I. 116192
Miyauchi, K. *see* Wakabayashi, I. 116197
Miyauchi, M. Static magnetic shielding analysis of high Tc oxide superconductor with nonlinear magnetic permeability 84885
Miyauchi, Y., Zako, A., Koga, A., Tomimasu, T., Takahashi, M., Mandai, S., Kakuno, K., Ohashi, K. Performance of an undulator for visible and UV FELs at the FELI 96464
Miyauchi, Y. *see* Kobayashi, A. 96534
Miyauchi, Y. *see* Tomimasu, T. 76063
Miyauchi, Y. *see* Tomimasu, T. 107395
Miyauchi, Y. *see* Zako, A. 96484
Miyawaki, K. *see* Nakamoto, M. 102516
Miyawaki, N. Current R&D activities at NTT 67634
Miyawaki, N. Current R&D activities at NTT 78194
Miyawaki, N. *see* Uehara, H. 73329
Miyayama, M. *see* Kunishima, Y.N. 62765
Miyayama, M. *see* Kunishima, Y.N. 89194
Miyayama, M. *see* Traversa, E. 79379
Miyazaki, A. *see* Takenaka, T. 93887
Miyazaki, D., Masuda, M., Matsushita, K. Self-alignment for three-dimensional optical system using optical plugs 85225
Miyazaki, D. *see* Francisco, J. 116159
Miyazaki, E., Okamoto, K. High speed light pulse generator using a superbright LED 64972
Miyazaki, H., Sato, T. Pick and place shape forming of three-dimensional micro structures from fine particles 82187
Miyazaki, H. *see* Sugino, N. 114007
Miyazaki, I. *see* Ninomiya, K. 102850
Miyazaki, J. *see* Kamon, K. 84266
Miyazaki, K. Full-color LEDs using high intensity pure-green LEDs 69408
Miyazaki, K., Hieda, M. A new function of mica powders as a humidity sensor element 69577
Miyazaki, K., Takada, H., Kakehata, M. High-intensity harmonic generation with a femtosecond Ti:sapphire laser 116639
Miyazaki, K. *see* Fujino, S. 68870
Miyazaki, K. *see* Hiyama, T. 80919
Miyazaki, K. *see* Matsuoka, T. 81207
Miyazaki, K. *see* Nishi, T. 79036
Miyazaki, K. *see* Turner, J.E. 63363
Miyazaki, M., Isota, Y., Takeuchi, N., Ishida, O. Sinuous array antenna feeds with randomized coupling intervals to disperse multi-reflection phase 86016
Miyazaki, M. *see* Asao, H. 115864
Miyazaki, M. *see* Hiji, M. 77728
Miyazaki, M. *see* Iizawa, J. 87883
Miyazaki, M. *see* Ono, H. 83373
Miyazaki, N., Hamada, N. An identification method for nonminimum-phase autoregressive moving average system using phase-equivalent moving average system 97772
Miyazaki, N., Hamada, N. An identification method for 2-D non-minimum phase ARMA system using phase equivalent MA system 117451
Miyazaki, N., Uchida, H., Tsukada, T., Fukuda, T. Quantitative assessment for cracking in oxide bulk single crystals during Czochralski growth: development of a computer program for thermal stress analysis 72746
Miyazaki, S., Lin, T.-C., Nishida, C., Kaibe, H.T., Okumura, T. Morphological and electrical characterization of Al/Ni/n-InP contacts with tapered insertion Ni-layer 63101
Miyazaki, S., Luppino, G.A., Metzger, M.R. Recent CCD development activities at the University of Hawaii 100136
Miyazaki, S. *see* Jun Xu 63244
Miyazaki, S. *see* Jun Xu 72910
Miyazaki, S. *see* Jun Xu 82750
Miyazaki, S. *see* Jun Xu 92839
Miyazaki, S. *see* Jun Xu 113473
Miyazaki, S. *see* Miyoshi, Y. 92891
Miyazaki, S. *see* Murayama, K. 64912
Miyazaki, S. *see* Murayama, K. 94513
Miyazaki, S. *see* Ohmura, M. 94283
Miyazaki, S. *see* Okamoto, K. 63501
Miyazaki, S. *see* Teuschler, T. 63411
Miyazaki, S. *see* Yamashita, K. 94685
Miyazaki, S. *see* Yamazaki, T. 63303
Miyazaki, T., Karasawa, Y., Yoshida, M. Characteristics in neodymium-doped fiber amplifiers at 1.06 μm 96134
Miyazaki, T., Nomiyama, T., Horie, Y., Miyazaki, T. Design of switched-capacitor oscillators composed of three phase-shifters 113795
Miyazaki, T. *see* Hayashi, K. 77843
Miyazaki, T. *see* Kawahara, K. 86983
Miyazaki, T. *see* Koizumi, H. 64345
Miyazaki, T. *see* Kubota, H. 64348
Miyazaki, T. *see* Kurita, N. 64177
Miyazaki, T. *see* Miyazaki, T. 113795
Miyazaki, T. *see* Naka, M. 111329
Miyazaki, T. *see* Nakajima, K. 64193
Miyazaki, T. *see* Nakajima, K. 64231
Miyazaki, T. *see* Sakamoto, Y. 61359
Miyazaki, T. *see* Sato, M. 64343
Miyazaki, T. *see* Shibata, K. 62542
Miyazaki, T. *see* Shirakawa, K. 77616
Miyazaki, T. *see* Shishikura, M. 116223
Miyazaki, T. *see* Sugino, T. 105494
Miyazaki, T. *see* Terakura, K. 82706
Miyazaki, T. *see* Teramura, M. 113794
Miyazaki, T. *see* Yamada, E. 112051
Miyazaki, T. *see* Yamada, K. 78173
Miyazaki, Y. *see* Asai, N. 92597
Miyazaki, Y. *see* Ishimura, E. 78743
Miyazato, H. *see* Senjyu, T. 81500
Miyazawa, H. *see* Ishida, M. 64392
Miyazawa, H. *see* Mitsumoto, H. 109903
Miyazawa, H. *see* Noguchi, K. 75584
Miyazawa, K. *see* Kaminomura, H. 67829
Miyazawa, K. *see* Miwa, H. 73345
Miyazawa, K. *see* Saito, H. 119809
Miyazawa, K. *see* Yamamoto, T. 98895
Miyazawa, M. *see* Nakamura, S. 118385
Miyazawa, S. *see* Mita, S. 75261
Miyazawa, S. *see* Mita, S. 75261
Miyazawa, S. *see* Tazoh, Y. 113306
Miyazawa, T. *see* Ebihara, K. 116269
Miyazawa, T. *see* Mori, T. 118327
Miyazawa, T. *see* Ohbuchi, R. 101137
Miyazawa, T. *see* Suzuki, Y. 114780
Miyazawa, T. *see* Toyoda, T. 74799
Miyazawa, Y. *see* Kitamura, T. 95955
Miyazawa, Y. *see* Nakagawa, T. 100786
Miyazawa, Y. *see* Unekawa, Y. 78296
Miyoshi, H. *see* Oda, H. 83122
Miyoshi, H. *see* Sakakibara, K. 95205
Miyoshi, H. *see* Shimizu, S. 84440
Miyoshi, H. *see* Takai, M. 61875
Miyoshi, H. *see* Uchida, T. 105622
Miyoshi, H. *see* Yamaguchi, Y. 93358
Miyoshi, J. *see* Hirose, T. 99384
Miyoshi, K. *see* Deguchi, K. 74653
Miyoshi, K. *see* Hatakeyama, I. 78680
Miyoshi, K. *see* Miura, O. 102178
Miyoshi, K. *see* Nagahori, T. 119217
Miyoshi, N., Hasegawa, T. Sample path optimization with respect to input fraction of two job classes in queues 60798
Miyoshi, S. *see* Koden, M. 95869

Miyoshi, T., Okawa, Y., Tsuchiya, H., Ogawa, M. Finite element analysis of guided modes in a silicon-quantum wire 92639
Miyoshi, T., Takaya, Y., Kinoshita, K., Takahashi, S., Nagata, T. Study on micro-machined profile measurement by means of optical inverse scattering reconstruction phase method–phase retrieval of periodic fine profile 119881
Miyoshi, T., Tsuchiya, H., Ogawa, M. Comparative study on electron transport modeling of quantum devices 63802
Miyoshi, T. *see* Matsuo, N. 113417
Miyoshi, T. *see* Suyama, T. 82197
Miyoshi, T. *see* Tabuchi, H. 70440
Miyoshi, T. *see* Tsuchiya, H. 65285
Miyoshi, Y., Yoshida, Y., Miyazaki, S., Hirose, M. Real time observations of surface reactions during a-Si:H deposition or H_2 plasma annealing by using FT-IR-ATR 92891
Miyoshi, Y. *see* Chang-Woo Kim 73749
Miyoshi, Y. *see* Kato, Y. 115224
Miyoshi, Y. *see* Murai, K. 88748
Miyoung Kim *see* Lieping Zhong 75181
Mizan, M. *see* Karwowski, K. 112512
Mizariene, V. *see* Snitka, V. 95298
Mizeikis, V. *see* Jarasiunas, K. 94294
Mizell, G., Essex, D., Yates, K., Cuthbertson, J. Diode-pumped Nd:YAG/$KNbO_3$ monolithic blue laser assembly producing greater than 10 mW at 473 nm 96198
Mizell, G. *see* Vieira, A.J.C. 64808
Mizeraczyk, J. *see* Mentel, J. 107101
Mizeraczyk, J. *see* Schulze, J. 107110
Mizernik, V.N. *see* Pyatak, N.I. 85930
Mizobuchi, T., Ueda, H., Kubota, T., Shimizu, E. Interferometry for measuring large aspherical surfaces with holographic optical elements made by two steps 76276
Mizoe, J. *see* Matsumura, T. 83418
Mizoguchi, A. *see* Hattori, Y. 76229
Mizoguchi, F. *see* Sugiki, T. 67194
Mizoguchi, H., Sato, T., Ishikawa, T. Robotic Office Room to support office work by human behavior understanding function with networked machines 108665
Mizoguchi, H. *see* Mori, T. 121798
Mizoguchi, H. *see* Yamagata, Y. 81594
Mizoguchi, M., Sakata, T., Kobayashi, K., Matsumoto, Y., Kubota, S., Kato, S. A high quality and very low power consumption one-chip baseband LSIC for Personal Handy Phone System 99201
Mizoguchi, M., Seki, K. An alternate phase locked loop (APLL) frequency synthesizer employing sample-hold scheme 68221
Mizoguchi, M. *see* Sugiyama, T. 77988
Mizoguchi, M. *see* Sugiyama, T. 87699
Mizoguchi, R. *see* Takaoka, Y. 112152
Mizoguchi, T., Nakagawa, E., Sugawara, F., Teshima, K. An optical fiber communications network for electric power companies 78744
Mizoguchi, T., Ninomiya, T., Ohgai, T., Shoyama, M. A family of single-switch ZVS-CV DC-to-DC converters 82934
Mizoguchi, T. *see* Tomita, H. 115535
Mizohata, S., Tamaki, H., Kano, T. CATV picture quality monitoring system 68900
Mizoi, Y. *see* Mitsuoka, S. 69650
Mizokami, M., Yabumoto, M., Okazaki, Y. Vibration analysis of a 3-phase model transformer core 112050
Mizokawa, Y., Ying, W.B., Yu, Y.B., Kamiura, Y., Lida, M., Kawamoto, K. Phosphorus redistribution in the surface region of heavily phosphorus doped silicon 105580
Mizokawa, Y. *see* Ying, W.B. 105542
Mizone, S. *see* Shinkoda, H. 119508
Mizoshiri, I., Kamiya, K., Yasugi, N. Left ventricular border detection of echocardiogram using active snakes 90304
Mizoshiri, I. *see* Tsukamoto, Y. 80360
Mizoshita, Y., Hasegawa, S., Takaishi, K. Vibration minimized access control for disk drives 64409
Mizoshita, Y. *see* Kanai, H. 115705
Mizoshita, Y. *see* Koganezawa, S. 115797
Mizoshita, Y. *see* Kuroba, Y. 71362
Mizoshita, Y. *see* Mutoh, H. 115799
Mizoshita, Y. *see* Ohwe, T. 115682
Mizoshita, Y. *see* Takaishi, K. 63978
Mizote, M. *see* Matsuzaki, H. 90477
Mizouchi, R. *see* Sakawa, M. 60883
Mizowaki, T. *see* Nagata, Y. 80455
Mizugaki, Y., Onomi, T., Nakajima, K., Yamashita, T. Experimental operation of an RS flip-flop composed of nonlatching Josephson gates 83055
Mizugaki, Y. *see* Onomi, T. 115916
Mizuguchi, H., Yoshida, S., Ushirokawa, A. Fading mitigation by FEC in power controlled mobile radio 68284
Mizuguchi, K. Management and operation of distributed systems and networks 98647
Mizuguchi, M. *see* Sugiura, O. 91981
Mizuguchi, T. *see* Kakimoto, N. 111556
Mizuguchi, T. *see* Yamazaki, T. 113466
Mizuguchi, Y. An antenna for multibeam VSAT: radiation characteristics of Ku-band, 1.3 m Φ offset bifocal reflector antenna 78602
Mizuhara, A. *see* Takeuchi, K. 110040
Mizuhara, A. *see* Takeuchi, K. 119577
Mizuhara, O. *see* Feggeler, J.C. 78683
Mizuhara, O. *see* Kojima, K. 88635
Mizuhara, O. *see* Park, Y.K. 78685
Mizuhara, O. *see* Park, Y.K. 99577
Mizuhara, O. *see* Tanbun-Ek, T. 78822
Mizuhara, Y.M. *see* Felch, K. 105035
Mizuhzra, O. *see* Tzeng, L.D. 99569
Mizukami, F. *see* Kamata, T. 76170
Mizukami, F. *see* Kamata, T. 76225
Mizukami, F. *see* Kamata, T. 85632
Mizukami, F. *see* Van Keuren, E. 85637
Mizukami, M., Hirano, M., Ohira, F. Optical coupling using reflectivity difference between core and cladding–a basic study for alignment method of optical axes 116054
Mizukami, M., Hirano, M., Shinjo, K. Alignment of multiple optical axes in optical couplings 84986
Mizukami, M., Koyabu, K., Fukui, M., Kitayama, K. A study of simple assembly method for free-space optical modules 68491
Mizukami, N. *see* Shirai, S. 89277
Mizukami, S. *see* Nitta, Y. 71717
Mizukami, Y., Nishimori, T., Okamoto, J., Aihara, K. Forecasting daily peak load by a deterministic prediction method employing Gram-Schmidt orthonormalization 70785
Mizukawa, H. *see* Osugi, Y. 98158
Mizuki, C., Sandborn, P.A., Pitts, G. Design for environment–a survey of current practices and tools 72224
Mizuki, C. *see* Pitts, G. 72369
Mizuki, E. *see* Fujihara, A. 63795
Mizukoshi, H. *see* Hasegawa, M. 62432
Mizukoshi, H. *see* Zhuan-Ke Chen 62407
Mizuma, H. *see* Hayashi, T. 76234
Mizuma, T., Amano, T., Toda, Y., Kawamoto, H. The leakage flux and the shielding measures on DC electric vehicle 122021
Mizuma, Y. *see* Sakurai, H. 110425
Mizumachi, H. *see* Miyagawa, I. 87648
Mizumachi, M. *see* Hara, Y. 68269
Mizumachi, M. *see* Inoue, M. 68305
Mizumachi, M. *see* Miura, A. 80589
Mizumachi, M. *see* Morikawa, H. 68312
Mizumachi, M. *see* Qiao, M. 80588
Mizumachi, M. *see* Wang, D. 88749
Mizumachi, M. *see* Wang, D. 119332
Mizumaki, S. *see* Yamamoto, A. 89625
Mizumoto, K. *see* Tsuzuki, S. 78334
Mizumoto, M. *see* Ito, N. 79919
Mizumoto, T. *see* Emori, Y. 116067
Mizumoto, T. *see* Yokoi, H. 94747
Mizumoto, Y. *see* Kakimoto, F. 69777
Mizunami, T., Gupta, S., Shimomura, T. KrF-laser-induced fiber Bragg gratings: formation characteristics and cutback measurement 106781
Mizunami, T., Hashimoto, M., Gupta, S., Uchida, Y., Shimomura, T. Two-photon absorption coefficients of optical fibers with 240-nm absorption band 106784
Mizunami, T., Itoh, T., Gupta, S., Shimomura, T. Interferometric measurement of KrF-laser-induced refractive index changes in germanosilicate fibers 64657
Mizunami, T., Toyama, N. Kinetic model for photochemical processes of laser chemical vapor deposition of SiC 61383
Mizunami, T. *see* Gupta, S. 110177
Mizunami, T. *see* Vasa, N.J. 116424
Mizuno *see* Tsurimoto, T. 115437
Mizuno, A., Suzuki, S., Yoshikawa, H., Hori, T., Yanagida, K., Sakaki, Taniuchi, T., Kotaki, H., Yokomizo, H. Analisys of positron focusing section for SPring-8 linac 89757
Mizuno, A. *see* Sakaki, H. 89929
Mizuno, B., Takase, M., Nakayama, I., Ogura, M. Plasma doping and plasma-less doping for SI: application to the sub-quarter micron surface channel PMOSFET and solid plasma source application for safety operation 105550
Mizuno, E. *see* Hiramatsu, M. 72952
Mizuno, E. *see* Ikeda, M. 113467
Mizuno, F., Nakaizumi, Y. Specimen analysis techniques using electron and ion beams 63210
Mizuno, F. *see* Miyai, K. 81710
Mizuno, H., Abe, M. A formant frequency modification algorithm dealing with the pole interaction 76876
Mizuno, H., Fukuoka, H. Multimedia office system integrating groupware with video-on-demand over an ATM Internet 118382
Mizuno, H., Matsuzaki, N., Osada, K., Shinbo, T., Ooki, N., Ishida, H., Ishibashi, K., Kure, T. A 1 V 100 MHz 10 mW cache using separated bit-line memory hierarchy and domino tag comparators 73354
Mizuno, H., Nagano, T. Driving source-line cell architecture for sub-1-V high-speed low-power applications 61896
Mizuno, H., Nagano, T. Driving source-line cell architecture for sub-1-V high-speed low-power applications 93379
Mizuno, H. *see* Asoh, J. 78104
Mizuno, H. *see* Fukuoka, H. 118634
Mizuno, H. *see* Higo, T. 79852
Mizuno, H. *see* Ogitsu, T. 100449
Mizuno, H. *see* Ohba, F. 70120
Mizuno, H. *see* Otake, Y. 94191
Mizuno, H. *see* Otsu, T. 78605
Mizuno, H. *see* Yokoyama, S. 95542
Mizuno, K., Ogawa, A., Nojima, K., Murase, H., Koyama, H., Wayabayashi, S., Sakakibara, T. Investigation of PD pulse propagation characteristics in GIS 121824
Mizuno, K., Sakamoto, T., Endo, K., Fujita, H., Hiraishi, K. Commercialization of an extra high-voltage nonflammable transformer 102800
Mizuno, K. *see* Bae, J. 93752
Mizuno, K. *see* Fujii, T. 83341
Mizuno, K. *see* Jongsuck Bae 114198
Mizuno, K. *see* Kikuchi, M. 80434
Mizuno, K. *see* Watabe, K. 98111
Mizuno, M., Furuta, K., Narita, S., Abiko, H., Sakai, I., Yamashina, M. Elastic-Vt CMOS circuits for multiple on-chip power control 73194
Mizuno, M., Neilsen, M.L., Raynal, M. An optimistic protocol for a linearizable distributed shared memory system 108831
Mizuno, M., Nesterenko, M., Kakugawa, H. Lock-based self-stabilizing distributed mutual exclusion algorithms 87427
Mizuno, M., Yamashina, M., Furuta, K., Igura, H., Abiko, H., Okabe, K., Ono, A., Yamada, H. A GHz MOS adaptive pipeline technique using MOS current-mode logic 61853
Mizuno, M. *see* Gang Wu 78522
Mizuno, M. *see* Iima, T. 61705
Mizuno, M. *see* Iima, T. 93206
Mizuno, M. *see* Kuroda, K. 109016
Mizuno, M. *see* Matsuyama, T. 102959
Mizuno, M. *see* Watanabe, F. 99163
Mizuno, N. *see* Gang Wu 68281
Mizuno, O. *see* Niitsu, Y. 78154
Mizuno, O. *see* Nishida, Y. 119435
Mizuno, O. *see* Tomioka, M. 78141
Mizuno, S. A superlinearly convergent infeasible-interior-point algorithm for geometrical LCPs without a strictly complementary condition 113162
Mizuno, S., Sawada, K. A study on motion compensated prediction for video sequences based on affine transformation 86955
Mizuno, S., Verma, A., Lee, P., Nguyen, B. Improved gap-filling capability of fluorine-doped PECVD silicon oxide thin film 63455
Mizuno, S., Verma, A., Tran, H., Lee, P., Nguyen, B. Dielectric constant and stability of fluorine doped PECVD silicon oxide thin films 63458
Mizuno, S. *see* Kawamura, K. 78350
Mizuno, S. *see* Lee, P.W. 72904
Mizuno, T., Araki, K. Mass measurement using a dynamic vibration absorber under weightless conditions 110401
Mizuno, T., Araki, K., Bleuler, H. Stability analysis of self-sensing magnetic bearing controllers 102629
Mizuno, T., Eto, M., Kawamura, K. Studies of charging effects on resonant tunneling diodes in terms of extended Friedel sum rule 106097
Mizuno, T., Ishii, T., Araki, K. Self-sensing magnetic suspension using hysteresis amplifiers 97010
Mizuno, T., Ohba, R., Ohuchi, K. Velocity overshoot greater than 10^7 cm/s at room temperature in sub-0.1-μm silicon-on-insulator devices 83997
Mizuno, T., Otsuki, T., Ohshima, T., Saito, H. Single-mode operations of a circular free-electron laser 116569
Mizuno, T., Tsuji, M., Shigesawa, H. Optimum design of the waveguide-shielded dielectric image-guide transition by the vector FEM 114190
Mizuno, T. *see* Ishiwa, T. 114387
Mizuno, T. *see* Iwai, H. 68218
Mizuno, T. *see* Miura, K. 77597
Mizuno, T. *see* Nakamura, S. 109232
Mizuno, T. *see* Nakano, N. 78037
Mizuno, T. *see* Nakano, N. 87744
Mizuno, T. *see* Wada, Y. 98699
Mizuno, T. *see* Yamaguchi, A. 68243
Mizuno, Y., Mitsuyama, Y., Minoda, A., Nagao, M., Kosaki, M. Tan δ of ethylene propylene rubber in cryogenic temperature region–effects of additives and sample thickness 81095
Mizuno, Y., Vanegas C, O.F., Naito, K., Sugiyama, T., Ito, S. Application of neural network simulation system to electrical insulation diagnosis of distribution line insulators 111658
Mizuno, Y. *see* Hirayama, H. 109928
Mizuno, Y. *see* Hirohata, N. 119502
Mizuno, Y. *see* Kosaki, M. 81096
Mizuno, Y. *see* Minoda, A. 64053
Mizuno Tadanori *see* Tadanori Mizuno
Mizunuma, I. *see* Lauer, H.C. 118397
Mizunuma, M. *see* Tahata, S. 95854
Mizuochi, G., Ohshima, S., Okuyama, K., Kamitani, A., Mochizuki, T. Magnetic shielding effect of BSCC0(2223) plate and composite plate 84884
Mizuochi, G. *see* Kamitani, A. 84883
Mizuochi, T., Shimizu, K., Kitayama, T. All-fiber add/drop multiplexing of 6×10 Gbit/s using a photo-induced Bragg grating filter for WDM networks 78771
Mizuochi, T. *see* Shimizu, K. 68518
Mizusaki, J., Nambu, H., Nakao, C., Tagawa, H., Minamiue, H., Hashimoto, T. Relationship of crystal structure, lattice parameters and thermal expansion to nonstoichiometry in $La_{1-x}MnO_{3+d}$ and $La_{1-x}Sr_xMnO_{3+d}$ determined by high-temperature X-ray diffraction under controlled oxygen partial pressures 81794
Mizusaki, J. *see* Endo, A. 81810
Mizusaki, J. *see* Yamada, K. 81971

Mizusaki, J. *see* Yamamura, T. 81826
Mizusaki, S. *see* Ninomiya, S. 101276
Mizusawa, T. *see* Ohtomo, Y. 104516
Mizuseki, H., Ishihara, M., Hu, X., Ohta, N. Magnetic multi-valued recording by new magnetic configurations in 2D and 3D artificial lattices 115835
Mizuseki, H., Ishihara, M., Xiao Hu, Kawazoe, Y. Ultra-high density magnetic recording media using 2D and 3D magnetic anisotropic artificial lattices 95361
Mizushima, I. *see* Kobayashi, K. 105659
Mizushima, K. *see* Watanabe, M.O. 114680
Mizushima, Y. *see* Fettweis, G. 109283
Mizushina, S. *see* Abe, K. 80466
Mizushina, S. *see* Matsuyama, K. 80490
Mizushina, S. *see* Ohba, H. 80335
Mizushina, S. *see* Sugiura, T. 110934
Mizuta, H. Numerical study of single-electron resonant tunnelling via a few ionised donors in laterally confined resonant tunnelling diodes 63557
Mizuta, M. *see* Fujieda, S. 61413
Mizuta, M. *see* Linke, R.A. 65455
Mizuta, M. *see* Mochizuki, Y. 114980
Mizuta, M. *see* Nakanishi, T. 114507
Mizuta, M. *see* Thio, T. 64617
Mizuta, S. *see* Kurata, K. 78800
Mizutamari, H. *see* Funada, M. 93906
Mizutani, A. *see* Hatori, N. 107354
Mizutani, H. Extension of regularization theory based on general regression into multivalued functions and a reconstruction algorithm for discontinuous functions without line processes 77234
Mizutani, H. *see* Umeki, H. 108601
Mizutani, K. *see* Igarashi, J. 89505
Mizutani, K. *see* Ishii, S. 120756
Mizutani, K. *see* Ohmaru, M. 90310
Mizutani, K. *see* Sugitani, Y. 91979
Mizutani, K. *see* Tasaki, N. 90853
Mizutani, K. *see* Wakatsuki, N. 89509
Mizutani, M., Oguri, Y., Uda, H. Characteristics of gas-liquid two-phase flow in a segmental wedge flowmeter 69061
Mizutani, M., Panina, L.V., Mohri, K. Distance sensors using domain wall propagation driven by a wire current pulse train in amorphous magnetostrictive wires 69025
Mizutani, M., Tanaka, S., Mugiya, Y., Ikeda, H., Nakashima, T. Running resistance identification for a MAGLEV vehicle using successive learning 81976
Mizutani, M. *see* Kim, J.-D. 116790
Mizutani, M. *see* Oguri, Y. 69060
Mizutani, N. *see* Yamasaki, S. 84894
Mizutani, R. *see* Takeshita, T. 102739
Mizutani, T. Fundamental aspects of plasma-induced radiation damage of SiO_2/Si–a review 105502
Mizutani, T. *see* Banmongkol, C. 64144
Mizutani, T. *see* Kawamoto, A. 64125
Mizutani, T. *see* Kofuji, N. 105677
Mizutani, T. *see* Kon, H. 70924
Mizutani, T. *see* Kon, H. 91178
Mizutani, T. *see* Mori, T. 85316
Mizutani, T. *see* Nishikado, Y. 80866
Mizutani, T. *see* Ono, T. 72867
Mizutani, T. *see* Segi, T. 76254
Mizutani, T. *see* Suwarno 64153
Mizutani, T. *see* Suwarno 75002
Mizutani, T. *see* Suwarno 106306
Mizutani, U. *see* Itoh, Y. 64570
Mizutani, U. *see* Tsuchimoto, M. 64516
Mizutani, V. *see* Itoh, Y. 115883
Mizutani, Y., Tamura, M., Kawai, M., Nomura, K., Nakamura, Y., Yamamoto, O. Characterization of the Sc_2O_3-ZrO_2 system and its application as the electrolyte in planar SOFC 81780
Mizutani, Y. *see* Ohshima, A. 90067
Mizutani, Y. *see* Sasaki, H. 73410
Mizutani, Y. *see* Shimizu, Y. 104568
Mizutani, Y. *see* Suzuki, T. 71502
Mizuuchi, K. *see* Kitaoka, Y. 65279
Mizuuchi, K. *see* Kitaoka, Y. 96161
Mizuyama, Y. *see* Igarashi, H. 65913
Mizzoni, R., Martirano, G., Mascolo, G., Borchi, S. The Cassini antenna sub-system 76617
Mizzoni, R. *see* Mahadeven, K. 66177
Mizzoni, R. *see* Mascolo, G. 66084
Mjolsness, E. *see* Lu, C.-P. 108682
Mkrtchyan, H. *see* Amatuni, T. 83778
Mladenov, G.M. *see* Gueorguiev, Y.M. 84875
Mladenov, G.M. *see* Sabchevski, S.P. 73975
Mladenovic, M., Marincic, A., Milovanovic, B., Ivkovic, S. Identification of resonant modes in a loaded microwave rectangular cavity 71901
Mlcak, R. *see* Desmond, C.A. 69099
Mllner, A. *see* Hughes, S.W. 90469
Mlonja, C.H. *see* Sheikh, A.U. 99263
Mlsna, P.A. *see* Qiang Zhang 77444
Mlynarek, G. *see* Kopczyk, M. 91708
Mlynarek, G. *see* Wojcik, G. 121846
Mlynek, D. *see* Rahali, F. 89057
Mlynek, J. *see* Bruckmeier, R. 116671
Mlynek, J. *see* Krausch, G. 115099
Mlynek, J. *see* Meiners, J.C. 105747
Mlynek, J. *see* Nowak, S. 115047
Mlynek, J. *see* Schiller, S. 76149
Mlynek, J. *see* Schneider, K. 107613
Mlynski, D.A. *see* Ball, C.F. 61514
Mlynski, D.A. *see* Bialko, M. 93575
Mlynski, D.A. *see* Bialko, M. 95193
Mlynski, D.A. *see* Cossalter, O. 85125
Mlynski, D.A. *see* Wolf, H.G. 93017
Mnatsakanov, T.T., Pomortseva, L.I., Shuman, V.B. Study on feasibility of minority carrier complete drag in silicon. New investigation method intended for indirect-gap semiconductors 94228
Mnatsakanov, T.T., Shuman, V.B. Effect of heavy doping and high injection levels on the photovoltaic effect in p^+–n–n^+-structures with vertical junctions 102986
Mnnoochebri, F. *see* Ikonen, E. 89101
Mo, D. *see* Zhang, Y.L. 75386
Mo, H., Satoh, S., Sakauchi, M. A study of image recognition using similarity retrieval 67131
Mo, J., Hanisch, R.J. Restoration of HST WFPC2 images in gyro-hold mode 77086
Mo, J. *see* Boden, A.F. 98027
Mo, L., Butcher, K.S.A., Alexiev, D. Effect of crucible materials on impurities in LPE-GaAs 61178
Mo, S. *see* Wehmann, H.-H. 89104
Mo, T. Prelaunch calibration of the advanced microwave sounding unit-A for NOAA-K 99828
Mo, Y. *see* Gong, Y. 74077
Mo Chung Young *see* Young Mo Chung
Mo Dang *see* Lai Tianshu 65174
Mo Dang *see* Wang Hui 64118
Mo Dang *see* Dang Mo
Mo De-Ju, Sun Yan-Zuo A mass flow meter based on the two-channels signal detection 79306
Mo Li *see* Li Mo
Mo Pao-Chang *see* Pao-Chang Mo
Mo Shaobai *see* Shaobai Mo
Mo Yang Gye *see* Gye Mo Yang
Mo Yuanlong *see* Wu Jianqiang 94201
Mo Yuanlong *see* Wu Jianqiang 97153
Mo Yujun *see* Yujun Mo
Mo-Han Fong, Bhargava, V.K., Qiang Wang Line rate(s) selection for cellular DS-CDMA systems with integrated traffic 78576
Mo-Shing Chen *see* Wei-Jen Lee 81187
Mo-Suk Chow *see* Mo-Yuen Chow 91157
Mo-Yuen Chow, Taylor, L.S., Mo-Suk Chow Time of outage restoration analysis in distribution systems 91157
Mo-Yuen Chow, Tram, H. Methodology of urban re-development considerations in spatial load forecasting 121076
Mo-Yuen Chow, Tram, H. Application of fuzzy logic technology for spatial load forecasting 121140
Moal, E. *see* Joulie, R. 91202
Moal, P.Le *see* Le Moal, P.
Moan Wei *see* Wei Moan
Moats, A.R., Derzon, M.S., Chandler, G.A., Haill, T.A., Johnson, D.J., Leeper, R.J., Ruiz, C.L., Wenger, D.F. Lithium beam characterization of cylindrical PBFA II hohlraum experiments 69642
Moats, A.R. *see* Derzon, M.S. 69645
Moavenian, M. *see* Martin, K.F. 108273
Moayeri, N. *see* Ping Wah Wong 86226
Moayeri, N. *see* Van Dyck, R.E. 117587
Moazzam, M.R., Aitchison, C.S. A low third order intermodulation amplifier with harmonic feedback circuitry 82978
Moazzam, M.R., Darvishzadeh, M. A practical MMIC negative resistance structure for X and Ku band applications 83451
Moazzam, M.R., Darvishzadeh, M. A practical MMIC negative resistance structure for X and Ku band applications 83474
Mobayyen, S. *see* Gillibrand, D. 112634
Moberly, L. *see* Hung-Sheng Chen 106231
Moberly, L. *see* Ji Zhao 63946
Mobit, P.N., Nahum, A.E., Mayles, P. The energy correction factor of LiF thermoluminescent dosemeters in megavoltage electron beams: Monte Carlo simulations and experiments 80514
Mobius, A. *see* Dammertz, G. 105036
Mobius, H. *see* Abraham, M. 74910
Mobius, H. *see* Hessel, V. 106268
Mobley, C. *see* Cox, C. 101208
Mobley, F.F., Radford, W.E., Kennedy, L.R. MSX attitude determination and control hardware 90689
Mocanu, I., Meunier, M., Lasbleiz, P., Giard, A. Aggregated model of distribution power networks during transients 111593
Mocci, F. *see* Arri, E. 102817
Mocek, T. *see* Rus, B. 116314
Mochalov, B.V., Rudakov, V.I. A setup for the temperature-gradient heat treatment of semiconductor wafers 105532
Mochanov, O. *see* Dowden, R. 90813
Mochele, J.T., Smit, P., Alberts, H.L. Magnetovolume and magnetoelastic effects in ternary Cr-Ru-Mo alloys 84767
Mocheshnikov, N. *see* Bulyak, E. 80149
Mochida, T., Haikawa, K., Yamashita, J.-I., Nishimura, A., Iwate, Y., Arai, S. Improvements in boiling water reactor uranium utilization and operating experience with burnup increase 121331
Mochida, T., Nakamura, M., Yamashita, J., Maruyama, H., Muto, S., Kasai, S. Operating experience with the multienrichment initial core of the boiling water reactor Kashiwazaki-Kariwa Unit 5 81253
Mochida, Y. Indicatrix measurement based on birefringence retardation using phase modulation technology 79729
Mochida, Y., Tanaka, K., Sugimoto, M., Moriya, K., Hasegawa, T., Atsuchi, K., Ohwada, K. Vibrating silicon microgyroscope 119638
Mochiki, K., Akaike, H., Murata, Y., Moki, T., Ishikawa, I. Electronic imaging for ^{252}Cf based neutron radiography 104241
Mochiki, K., Akita, T., Taguchi, A., Murata, Y. Weighted frame integration for electronic imaging neutron radiography 108564
Mochiki, K., Murata, Y., Takenaka, N., Kobayashi, H., Matsubayashi, M., Tsuruno, A. Musashi image processing system for dynamic neutron radiography 108566
Mochiki, K., Uno, T., Murata, Y., Kobayashi, H., Matsubayashi, M., Tsuruno, A. Electronic imaging system using a high-performance HARPICON tube for neutron radiography 108565
Mochiki, K. *see* Fujine, S. 110364
Mochiki, K. *see* Takenaka, N. 110446
Mochinaga, Y. *see* Takeda, M. 112562
Mochizuki, A. *see* Fukiyama, N. 70495
Mochizuki, A. *see* Mochizuki, Y. 114980
Mochizuki, A. *see* Oikawa, H. 84122
Mochizuki, A. *see* Zaima, E.-I. 121249
Mochizuki, F., Mitsuishi, K., Kaji, T., Tokumiya, Y., Katsuyama, T., Fujikawa, K. Engineering office automation for plant construction 81633
Mochizuki, J., Asano, T., Ohta, T., Matsuo, T., Yoshida, H. Automated adjusting system of convergence and color purity for color CRT displays 89385
Mochizuki, K., Masuda, T., Watanabe, K. An interface circuit for high-accuracy signal processing of differential-capacitance transducers 119601
Mochizuki, K., Oguri, H., Kyotani, T., Isshiki, M. Epitaxial growth of $ZnSe_xTe_{1-x}$ by the VPE method and its photoluminescence 61170
Mochizuki, K., Watanabe, K. A high-resolution, linear resistance-to-frequency converter 62087
Mochizuki, K. *see* Asada, H. 79622
Mochizuki, K. *see* Taike, A. 74396
Mochizuki, M. *see* Itoh, Y. 104876
Mochizuki, T. Bit pattern redundancy removal for Hadamard transform coefficients and its application to lossless image coding 117563
Mochizuki, T. *see* Choukh, A.M. 115733
Mochizuki, T. *see* Kamitani, A. 84883
Mochizuki, T. *see* Masui, T. 90292
Mochizuki, T. *see* Mizuochi, G. 84884
Mochizuki, Y., Ishii, T., Mizuta, M., Mochizuki, A., Langer, J.M. Mechanisms of impurity deactivation in GaAs during reactive ion etching 114980
Mochizuki, Y. *see* Aoyama, T. 63957
Mochizuki, Y. *see* Sekimoto, M. 103124
Mochizuki, Y. *see* Sumiyoshi, H. 109881
Mochrie, S.G.J., Song, S., Yoon, M., Abernathy, D.L., Stephenson, G.B. Faceting of stepped silicon (113) surfaces: Self assembly of nanoscale gratings 94215
Mock, P., Tanner, B.K., Li, C.R., Keir, A., Johnson, A.D., Lacey, G., Clark, G.F., Lunn, B., Hogg, J.C.H. Determination of the critical thickness of misfit dislocation multiplication using in situ double-crystal X-ray diffraction 72842
Mockus, J., Senkiene, E. Optimization of a "mixture" of pure heuristics and Monte Carlo algorithms 113100
Mocnik, G. *see* Krizan, P. 69746
Mocnik, G. *see* Krizan, P. 100843
Mocofanescu, A., Udaiyan, D., Damzen, M.J., Babin, V. Nd:YAG laser with a ring resonator and a phase-conjugating mirror based on external stimulated Brillouin scattering 116437
Modak, P., Hudait, M.K., Krupanidhi, S.B. Epitaxial GaAs layers by MOCVD process: Growth and characterization 104002
Modarres, M., Martz, H., Kaminskiy, H. The accident sequence precursor analysis: review of the methods and new insights 81260
Moddel, G. *see* Perlmutter, S.H. 95865
Moddemeijer, K. *see* Smorenburg, C. 120776
Modena, A., Najmudin, Z., Dangor, A.E., Clayton, C.E., Marsh, K.A., Joshi, C., Malka, V., Darrow, C.B., Danson, C. Observation of Raman forward scattering and electron acceleration in the relativistic regime 79768
Modena, A. *see* Amiranoff, F. 79838
Modena, A. *see* Clayton, C.E. 90239
Modesti, M. *see* Gill, A. 90597
Modha, D.S., Masry, E. Universal, nonlinear, mean-square prediction of Markov processes 66200
Modi, V.J. *see* Pradhan, S. 80538
Modiano, E. A dynamic adaptive multi-receiver random access protocol for the code division multiple access channel 87479
Modiano, E., Ephremides, A. Efficient algorithms for performing packet broadcasts in a mesh network 98404
Modine, F.A. *see* Bartkowiak, M. 62372
Modine, F.A. *see* Jellison, G.E., Jr. 83869
Modine, F.A. *see* Lubben, D. 104042
Modiri, N. Wireless and cellular computer communications 78042
Modiri, N. Resource partitioning a multi-domain network management environment 109027
Modjtahedi, A., Lamaignere, L., Verdier, F., Touboul, A., Carmona, F. A current self-limited protective device studied by LF-noise measurements 113754

Modlic, B., Nad, R. RF protection ratio problem at local VHF sound broadcasting in Croatian Northern Adriatic region 79126
Modlin, C.S. *see* Fisher, K.D. 64424
Modnikova, E.A. *see* Volyar, A.V. 116032
Modreanu, I. *see* Mereanu, A. 71396
Modric, D. *see* Zovko-Cihlar, B. 78213
Modzolevskii, V.I. A discharger to trigger a group of switches simultaneously in a capacitive energy storage 62424
Modzolevskii, V.I. Firing pulse generator 112052
Moe, H. *see* Cho, Y. 79994
Moe, H.J., Vacca, J.H., Veluri, V.R., White, M. Radiation measurements at the Advanced Photon Source (APS) linear accelerator 89761
Moehlecke, A. *see* Luque, A. 83789
Moehlecke, S. *see* Makarov, V.V. 106656
Moehn, J. *see* Calen, H. 120194
Moehring, M.A., Ritcey, J.A. Sizing emboli in blood using pulse Doppler ultrasound. I. Verification of the EBR model 70042
Moehring, M.A., Ritcey, J.A., Ishimaru, A. Sizing emboli in blood using pulse Doppler ultrasound. II. Effects of beam refraction 70043
Moeiz, M.A. *see* Dickson, A.E. 102207
Moelker, D.-J., van der Pol, E., Bar-Ness, Y. Adaptive antenna arrays for interference cancellation in GPS and GLONASS receivers 79033
Moeller, C.P. *see* O'Neill, R.C. 105029
Moeller, C.P. *see* Phelps, D.A. 108031
Moeller, E. *see* Butscher, B. *(editor)* 72062
Moeller, R.P. *see* Howerton, M.M. 78850
Moeller, W. *see* Maendl, S. 94706
Moeller, W.-D. *see* Shu, Q.S. 100497
Moen, S.D., Dahl, B. An exponential-law element with temperature compensation 104373
Moen, T.-E. Static frequency converter couples US paper mill's 25-Hz and 60-Hz electricity grids 81028
Moeneclaey, M. *see* Bucket, K. 77552
Moeneclaey, M. *see* Jiangzhou Wang 68156
Moeneclaey, M. *see* Karam, G. 77551
Moeneclaey, M. *see* Kempeneers, P. 78474
Moeneclaey, M. *see* Pollet, T. 88221
Moeneclaey, M. *see* Van Bladel, M. 68890
Moeneclaey, M. *see* Van Bladel, M. 78246
Moeneclaey, M. *see* Van Bladel, M. 87267
Moenke, D., Scheibner, H., Mechold, L., Becker, W., Schrade, F. Density distribution of plasma species in a hollow cathode arc discharge for coating application 113495
Moerkirk, R. *see* Folkes, P.A. 115242
Moerland, P.D., Fiesler, E., Saxena, I. Incorporation of liquid-crystal light valve nonlinearities in optical multilayer neural networks 116152
Moerman, I. *see* D'Hondt, M. 110154
Moerman, I. *see* van Dam, C. 106833
Moerman, I. *see* Vanderbauwhede, W. 64737
Moerman, I. *see* Vanderbauwhede, W. 99598
Moerman, I. *see* Vanwassenhove, L. 96046
Moerman, R. *see* Gerritsma, G.J. 95502
Moerner, W.E. *see* Lundquist, P.M. 75413
Moerner, W.E. *see* Lundquist, P.M. 116785
Moers, M.H.P. *see* Ruiter, A.G.T. 99935
Moertsell, A. *see* Calen, H. 120194
Moessbauer, R. *see* Cribier, M. 110538
Moewes, A., Kunz, C., Voss, J. Soft X-ray stimulated luminescence microscopy and spectroscopy on $Gd_2O_2S:Pr^{3+}$ and $(Y,Gd)_2O_3:Eu^{3+}$ ceramics 69887
Moews, D. Coin-sliding and Go 103581
Moeyaert, V. *see* Froidure, J.-C. 78834
Moeyaert, V. *see* Megret, P. 78829
Moezzi, S., Katkere, A., Jain, R. Immersive video 68915
Moezzi, S., Katkere, A., Kuramura, D.Y., Jain, R. Immersive video 68921
Moezzi, S., Katkere, A., Kuramura, D.Y., Jain, R. An emerging medium: interactive three-dimensional digital video 99794
Moffat, A., Stuiver, L. Exploiting clustering in inverted file compression 86221
Moffat, A., Turpin, A. On the implementation of minimum-redundancy prefix codes 86083
Moffat, A.F.J. *see* Lepine, S. 98263
Moffat, D. *see* Belomestnykh, S. 89897
Moffat, D. *see* Hartung, W. 90028
Moffat, D. *see* Padamsee, H. 100471
Moffat, H.K. *see* Bartram, M.E. 61394
Moffatt, D.M. Glass substrates for flat panel displays 100249
Moffatt, D.M. *see* Lapp, J.C. 89448
Moffatt, J. *see* Tang, S.S. 72990
Mog Hong Sun *see* Sun Mog Hong
Mogaki, K. *see* Watanabe, K. 110471
Mogami, M. *see* Kubono, T. 114370
Mogami, T., Wakabayashi, H., Saito, Y., Tatsumi, T., Matsuki, T., Kunio, T. Low-resistance self-aligned Ti-silicide technology for sub-quarter micron CMOS devices 63483
Mogami, T. *see* Ueda, Y. 122033
Mogane, S. *see* Jain, A. 109132
Moganti, M., Dagli, C.H., Ercal, F. PCB inspection using competitive learning and fuzzy associative memories 73851
Moganti, M., Ercal, F., Dagli, C.H., Tsunekawa, S. Automatic PCB inspection algorithms: a survey 62455
Moganti, M., Ercal, F., Yellepeddy, V. A modular approach to automatic printed circuit board inspection 62472
Mogavero, C. *see* Parente, F. 118226
Mogel, A. *see* Kolumban, G. 119585
Mogensen, M., Primdahl, S., Rheinlander, J.T., Gormsen, S., Linderoth, S., Brown, M. Relations between performance and structure of Ni-YSZ-cermet SOFC anodes 81817
Mogensen, M. *see* Hendriksen, P.V. 81842
Mogensen, M. *see* Juhl, M. 81806
Mogensen, M. *see* Larsen, P.H. 81753
Mogensen, M. *see* Linderoth, S. 121865
Mogensen, P.E. *see* Safavi, S. 99210
Mogensen, P.E. *see* Wigard, J. 99157
Moghadam, F. *see* Fardi, B. 104094
Moghadam, F. *see* Moinpour, M. 63350
Moghadam, K.K., Ziaie, F. Modification of the neutron beam spectrum for neutron radiography at Tehran Research Reactor (TRR) 110502
Moghaddam, B., Nastar, C., Pentland, A. Bayesian face recognition using deformable intensity surfaces 86433
Moghaddam, B. *see* Darrell, T. 86787
Moghaddam, B. *see* Nastar, C. 67267
Moghaddam, M., Saatchi, S. Estimation of moisture content of forest canopy from SAR data 111325
Moghaddam, M. *see* Chew, W.C. 99627
Moghaddam, M. *see* Treuhaft, R. 120691
Moghaddasi, J. *see* Issa, H. 119249
Moghani, J.S., Eastham, J.F. The dynamic response of a linear brushless DC motor 112009
Moghani, J.S., Eastham, J.F. The dynamic response of a linear brushless DC motor 112011
Moghavvemi, M., Jasmon, G.B. Application of artificial neural network in predicting voltage collapse in power system 81044
Moghe, M. *see* Silver, B. 87623
Moghe, P., Rubin, I. Enhanced call: a paradigm for applications with dynamic client-membership in ATM networks 77643
Moghe, P., Rubin, I. Enhanced call: a paradigm for applications with dynamic client-membership and client-level binding in ATM networks 98403
Moghe, S. *see* Prasad, S.N. 73790
Moghrabi, L.A. *see* Ford, J.A. 60940
Moghram, I.S. *see* Al-Ashwal, A.M. 111852
Mogi, K., Kobayashi, H., Ohki, A., Kawaguchi, Y., Iwamura, H. Fast photoluminescence decay and optical nonlinearity of a ZnCdSe/ZnSe multiple quantum well around an excitonic peak 83826
Mogi, T.K., Gossmann, H.-J., Eaglesham, D.J., Rafferty, C.S., Luftman, H.S., Unterwald, F.C., Boone, T., Poate, J.M., Thompson, M.O. Dopant diffusion in Si(100) doping superlattices during thermal nitridation and vacancy assisted Sb precipitation 63004
Mogi, T.K., Thompson, M.O., Gossmann, H.-J., Poate, J.M., Luftman, H.S. Thermal nitridation enhanced diffusion of Sb and Si(100) doping superlattices 94538
Mogi, T.K. *see* Gossman, H.-J. 63256
Mogilchenko, I.N. *see* Esipov, Yu.V. 64716
Mogili, A. *see* Moore, R.K. 120800
Mogilnikov, K.P. *see* Sharafutdinov, R.G. 61404
Mogil'nikov, V.S., Oleinikov, A.M. Unusual properties of single-phase commutator motor with parallel excitation 71237
Moglestue, C. Monte Carlo particle simulation of a quantum well heterojunction field-effect transistor: comparison with experimental data 95056
Moglie, F., Rozzi, T., Martelli, E., Amara, S. Correction of imperfect absorbing boundary conditions in FD-TD 85917
Moglie, F. *see* Amara, S. 112603
Mogul, J.C. *see* Padmanabhan, V.N. 109070
Moh, W.M., Tan, C.-H. Using neural networks for traffic control of VBR video over ATM 98795
Moh, W.M. *see* Hegde, M. 108943
Moh, W.M. *see* Martel, C.U. 118068
Moh Teng-Sheng *see* Teng-Sheng Moh
Mohacsi, L. *see* Bankuti, J. 103098
Mohaddes, M., Gole, A.M., McLaren, P.G. Application of an artificial neural network to harmonic reduction in PWM AC-DC converter 81552
Mohadjeri, B., Petravic, M., Svensson, B.G. Oxidation-enhanced roughening of thin Co films during sputtering by O_2^+ ions 94820
Mohajerzadeh, S., Nathan, A. Modeling noise correlation behavior in dual-collector magnetotransistors using small signal equivalent circuit analysis 63637
Mohajerzadeh, S., Selvakumar, C.R., Brodie, D.E., Robertson, M.D., Corbett, J.M. An ion beam vapor deposition technique for epitaxial growth of Si-Ge films on Si substrates 92702
Mohamad, D., Sulong, G., Ipson, S.S. Trademark matching using invariant moments 86702
Mohamadein, A.L. *see* Abdelhamid, T.H. 112068
Mohamed, A., Jasmon, G.B. Determining the weak segment of a power system with voltage stability considerations 101687
Mohamed, A.Z. *see* Ismail, F. 102653
Mohamed, F., Manzouki, M., Biassizo, A., Novak, F. Analog circuit simulation and troubleshooting with FLAMES 106147
Mohamed, F., Marzouki, M., Touati, M.H. FLAMES: A fuzzy logic ATMS and model-based expert system for analog diagnosis 72244
Mohamed, F. *see* Touati, M.H. 73246
Mohamed, G. *see* El-Saady, G. 81937
Mohamed-Brahim, T. *see* Pichon, L. 74718
Mohamed-Pour, K., Farrell, P.G. Trellis decoding of combined diversity-coding scheme (MLSD) for fading channels 66378
Mohamedi, R. *see* Belhadj, C. 70736
Mohammad, K.S. *see* Mufti, A.H. 75050
Mohammad, S.N., Fan, Z.-F., Salvador, A., Aktas, O., Botchkarev, A.E., Kim, W., Morkoc, H. Photoluminescence characterization of the quantum well structure and influence of optical illumination on the electrical performance of AlGaN/GaN modulation-doped field-effect transistors 106077
Mohammad, S.N., Tao, M., Park, D.G., Botchkarev, A.E., Li, D., Morkoc, H. Composition and conduction properties of silicon nitrides deposited by plasma-enhanced ultra-high-vacuum chemical vapour deposition 72873
Mohammad, S.N. *see* Dae-Gyu Park 114839
Mohammad, S.N. *see* Ruvimov, S. 105450
Mohammad, S.N. *see* Stengel, F. 106080
Mohammad, S.N. *see* Suzue, K. 115141
Mohammad, S.N. *see* Wook Kim 74138
Mohammad, S.N. *see* Wook Kim 83855
Mohammad, S.N. *see* Zhifang Fan 95067
Mohammad, S.Noor *see* Noor Mohammad, S.
Mohammad-Djafari, A. *see* Nikolova, M. 72998
Mohammadi, A., Pramanick, P. Characteristics of rectangular dielectric waveguide with sinusoidally varying width 65928
Mohammadi, H.R.S., Holmes, W.H. Application of sorted codebook vector quantization to spectral coding of speech 76884
Mohammadi, S. *see* Catford, W.N. 69884
Mohammed, M.H. Enhancement of process/product performance through reliability analysis 113048
Mohammed, O.A. Practical issues in the application of genetic algorithms to optimal design problems in electromagnetics 107820
Mohammed, O.A., Uler, F., Russenschuck, S., Kasper, M. Design optimization of a superferric octupole using various evolutionary and deterministic techniques 110485
Mohammed, O.A., Uler, F.G. A hybrid technique for the optimal design of electromagnetic devices using direct search and genetic algorithms 107802
Mohammed, O.A. *see* Uler, G.F. 65728
Mohammed, T.A. *see* Roy, L. 80753
Mohammed-Brahim, T. *see* Aoucher, M. 62772
Mohan, A.S. *see* Jian-Guo Wang 107911
Mohan, A.S. *see* Liu, Z.M. 97030
Mohan, A.S. *see* Suzuki, H. 116895
Mohan, C.K. *see* Ching-Cheng Shih 66452
Mohan, C.R., Chakrabarti, P.P. EARTH: combined state assignment of PLA-based FSM's targeting area and testability 73268
Mohan, M. *see* Brauninger, H. 90702
Mohan, N. *see* Chaar, L. 112128
Mohan, N. *see* Imbertson, P. 112132
Mohan, N. *see* Kamath, G. 91145
Mohan, N. *see* Kamath, G.R. 112581
Mohan, N. *see* Naik, R. 91673
Mohan, N. *see* Rastogi, M. 91654
Mohan, N. *see* Undeland, T.M. 93975
Mohan, N.K., Saldner, H.O., Molin, N.-E. Combined phase stepping and sinusoidal phase modulation applied to de-sensitized TV holography 65546
Mohan, P. *see* Lehri, D. 105093
Mohan, P.V.A. *see* Poornaiah, D.V. 98338
Mohan, R., Ramakrishna, K., Srikanth, K., Sunil Kumar, K.N., Srinivasa Rao, K., Raju, G.S.N. Patterns of discrete radiating elements for different current distributions 76592
Mohan, R. *see* Lehri, D. 105093
Mohan, R.Krishna *see* Krishna Mohan, R.
Mohan, S. *see* Chan, H.L. 98987
Mohan, S. *see* Chandra, I. 104843
Mohan, S. *see* Chandra, I. 104845
Mohan, V. *see* Bhattacharyya, A.B. 101436
Mohan, Y. Test system for mobile field-strength recording 76466
Mohan Rao, M. *see* Kottaisamy, M. 95978
Mohana Rao, B.V.Rama *see* Rama Mohana Rao, B.V.
Mohanachandran, G., Kuriakose, V.C., Babu Joseph, K. Nonlinear Schrodinger equation for optical media with quintic nonlinearity 65479
Mohanan, P. *see* Deepukumar, M. 97341
Mohanan, P. *see* Saji Stephen, D. 116867
Mohanan, P. *see* Solomon, S. 114226
Mohanan, P. *see* Sreemoolanadhan, H. 72957
Mohanavadivu, P. *see* Sridharan, V. 103522
Mohanavelu, K.S. *see* Narayanan, K. 99257
Mohandas, K.P. *see* Kumari, K.P. 121112
Mohandes, M., Bogner, R.E., Bouzerdoum, A., Pope, K.J. A neural network approach towards multiradar track fusion 109795
Mohandes, M. *see* Cameron, A. 109710
Mohanlal, S.K. *see* Saravanan, R. 62707
Mohanty, A.K. *see* Swain, A.K. 121949
Mohanty, R.K., Jain, M.K., George, K. High order difference schemes for the system of two space second order nonlinear hyperbolic equations with variable coefficients 72663
Mohanty, R.K., Jain, M.K., George, K. On the use of high order difference methods for the system of one space second order nonlinear hyperbolic equations with variable coefficients 92624
Mohanty, S.R. *see* Srivastava, M.P. 83906

Mohapatra, A. *see* Dash, P.K. 70665
Mohapatra, S.M. *see* D'Souza, M.F. 69966
Mohapatra, Y.N. *see* Dhar, S. 105745
Mohapatra, Y.N. *see* Giri, P.K. 83809
Moharam, M.G. *see* Grann, E.B. 64871
Moharil, S.V., Bodade, S.V., Dhopte, S.M., Muthal, P.L., Kondawar, V.K. Luminescence in $Na_{1.58}Ba_{0.105}Vc_{0.105}SO_4$:Eu phosphor 85263
Moharil, S.V., Dhoble, S.J., Dhopte, S.M., Muthal, P.L., Kondawar, V.K. Preparation and characterization of $KMgF_3$:Eu phosphor 85266
Moharil, S.V. *see* Gundurao, T.K. 85268
Moharil, S.V. *see* Upadeo, S.V. 85267
Moharir, P.S., Singh, R., Maru, V.M. S-K-H algorithm for signal design 108093
Moharir, P.S. *see* Singh, R. 86281
Moharir, P.S. *see* Sudarshan Rao, N. 76931
Moharram, O.E., Duguay, G. Intelligent network traffic management 118547
Mohd, M.A. Why electromagnetic compatibility (EMC)? 65904
Mohd, M.A., Ahmed, M.M. Fiber optics: an antidote to electromagnetic interference (EMI) 65905
Mohd, M.A. *see* Schoch, D.L. 70322
Mohd, M.A. *see* Spaulding, A.D. 85885
Mohd Noh Norlaili *see* Norlaili Mohd Noh
Mohd Nor Sulaiman *see* Sulaiman Mohd Nor
Mohd. Ramli Abd.Aziz bin *see* Abd. Aziz bin Mohd. Ramli
Mohd Siam, M.F.M., Williams, B.W., Finney, S.J. Improved active power filter with triplen deadband PWM 121730
Mohd Zin, A.A. *see* Sawir, B. 101664
Mohd Zin, A.A. *see* Tan, C.H. 91141
Moheb, H., Shaker, J., Shafai, L. Numerical and experimental investigation of cavity-backed arbitrary slot antennas 76569
Mohebbi, B.B., Shah, N., Aghvami, A.H. Spectral shaping for optimum RAKE receiver performance 88359
Mohebi, M. *see* Rangel-Rojo, R. 116401
Mohite, U.K., Lokhande, C.D. Electrosynthesis of yttrium chalcogenides from a non-aqueous bath 61303
Mohiuddin, A. *see* Raheja, R.D. 102370
Mohiuddin, A.K.M., Kant, K. Knowledge base for the systematic design of wet cooling towers. I. Selection and tower characteristics 81303
Mohiuddin, A.K.M., Kant, K. Knowledge base for the systematic design of wet cooling towers. II. Fill and other design parameters 81304
Mohiuddin, A.K.M., Kant, K., Sangal, R. ESTOWER: an expert system for the thermal design of wet cooling towers 71114
Mohl, D. *see* Hofmann, I. 69647
Mohlenkamp, K. DSNS phase measurement for aircraft taxiguidance 79085
Mohler, R.R. *see* Kosterev, D.N. 91093
Mohler, R.R. *see* Zhu, W. 101738
Mohlmann, G.R. *see* Jager, M. 107525
Mohlmann, G.R. *see* Jager, M. 116662
Mohlmann, G.R. *see* Otomo, A. 76151
Mohney, S.E., Lin, X. Estimated phase equilibria in the transition metal-Ga-N systems. Consequences for electrical contacts to GaN 74457
Mohorcic, M., Kandus, G., Del Re, E., Giambene, G. Performance study of an integrated satellite/terrestrial mobile communication system 119126
Mohorcic, M. *see* Javornik, T. 78478
Mohr, B. *see* Pulvermuller, F. 101362
Mohr, G.A. *see* Odesanya, O.S. 92146
Mohr, J. *see* Kohl, M. 84649
Mohr, J. *see* Moser, H.O. 79772
Mohr, J. *see* Wallrabe, U. 80427
Mohr, J. *see* Wallrabe, U. 111827
Mohr, J.J., Madsen, S.N. Parametric estimation of time varying baselines in airborne interferometric SAR 120688
Mohr, J.J., Madsen, S.N. Application of interferometry to studies of glacier dynamics 120833
Mohr, P., Peinecke, V., Welfonder, T. Design and realization of pressure control for a solar powered electrolyzer 122108
Mohr, R. *see* ChangSheng Zhao 98049
Mohr, R. *see* Schmid, C. 86467
Mohr, W. Modeling of wideband mobile radio channels based on propagation measurements 97106
Mohr, W. *see* Heger, W. 99343
Mohr, W. *see* Klein, A. 116882
Mohrenfels, T.W.Von *see* Von Mohrenfels, T.W.
Mohri, F. *see* Enokizono, M. 95385
Mohri, J., Kinoshita, K. VFDs prove valuable in diverse applications 69409
Mohri, K. *see* Hika, K. 115839
Mohri, K. *see* Mizutani, M. 69025
Mohri, K. *see* Paramonov, V.P. 84785
Mohri, M., Morii, M. On computing the number of codewords with minimum weight for cyclic codes 66396
Mohring, E.J. *see* Bishop, J.W. 113964
Mohrle, M. *see* Sartorius, B. 68502
Mohrle, M. *see* Sartorius, B. 96422
Mohrle, M. *see* Sartorius, B. 109640
Mohs, G., Binder, R., Fluegel, B., Giessen, H., Peyghambarian, N. Phonon-induced spectral holes in the gain region of an inverted semiconductor 76270
Mohs, G., Binder, R., Fluegel, B., Giessen, H., Peyghambarian, N. Observation of spectral hole sidebands in the gain region of an inverted semiconductor 94525
Mohs, G. *see* Eliseev, P.G. 64973
Mohs, G. *see* Giessen, H. 65495
Mohs, G. *see* Giessen, H. 94524
Mohs, G. *see* Giessen, H. 96294
Mohsen, Z.O. *see* Rustagi, S.C. 74499
Mohsen Kavehrad *see* Yongdong Jin 78903
Mohsenian, N., Shahri, H. Scalar-vector quantization of medical images 90441
Mohsenian, N. *see* Nosratinia, A. 120296
Mohsenian, N. *see* Rizvi, S.A. 66904
Mohshi Yang *see* Young Hee Byun 63659
Mohtashemi, M. *see* Gillman, D.W. 66384
Moi, L. *see* Calabrese, R. 79834
Moi, L. *see* Calabrese, R. 79835
Moi, L. *see* Calabrese, R. 100517
Moibenko, A. *see* Flora, R. 89921
Moidu, A.K., Sindair, A.N., Spelt, J.K. Use of focussed ultrasonic beams to characterize the interfacial region in bonded joints 104219
Moigne, G.Le *see* Le Moigne, G.
Moigne, J.Le *see* Le Moigne, J.
Moigne, P.Le *see* Le Moigne, P.
Moini, A. *see* Abbott, D. 89139
Moini, A. *see* Nguyen, X.T. 66968
Moini, W., Rafi, G.Z., Tavakoli, A. A time domain-based technique for analysing the scattering of microstrip patch antennas 66001
Moinian, S. *see* McAndrew, C. 63627
Moinian, S. *see* McAndrew, C.C. 115157
Moinpour, M., Lu, W.-J., Sadjadi, R., Li, J., Moghadam, F., Wada, G., Watt, V.H.C. TEOS/ozone APCVD thin SiO_2 for sub 0.5μm LDD spacer applications 63350
Moinpour, M. *see* Watt, V.H.C. 63372
Moinuddin, S.K., Gupta, A.K. Spectral analysis of the electroencephalograms 120450
Moir, D.C. *see* Hughes, T.P. 89739
Moisa, S. *see* Tabbal, M. 104144
Moisan, C., Tsang, G., Rogers, J.G., Hoskinson, E.M. Performance studies of a depth encoding multicrystal detector for PET 90347
Moisan, C., Tsang, G., Rogers, J.G., Hoskinson, E.M. Performance studies of a depth encoding multicrystal detector for PET 101122
Moisan, C., Tupper, P., Rogers, J.G., de Jong, J.K. A Monte Carlo study of the acceptance to scattered events in a depth encoding PET camera 90355
Moisan, C., Tupper, P., Rogers, J.G., de Jong, J.K. A Monte Carlo study of the acceptance to scattered events in a depth encoding PET camera 101255
Moisan, C. *see* Rogers, J.G. 101314
Moisan, E. *see* Murgulescu, M.-H. 62156
Moisan, J.-Y. *see* Marc, N. 75683
Moisan, J.Y. *see* Marc, N. 95953
Moisan, J.Y. *see* Marc, N. 95954
Moisan, M. *see* Tabbal, M. 104144
Moisayva, O. *see* Oussenok, A. 89330
Moise, T. *see* Lake, R. 105877
Moise, T.S. *see* Celii, F.G. 63574
Moise, T.S. *see* Evers, N. 105859
Moiseev, A.M. *see* Braunschweig, W. 120173
Moiseev, D.V. *see* Marchuk, L.A. 77050
Moiseev, K.D. *see* Mikhailova, M.P. 62831
Moiseev, K.D. *see* Voronina, T.I. 74347
Moiseev, M.A. *see* Zasypkin, E.V. 105042
Moiseev, V.A. *see* Birukov, I.N. 89720
Moison, J.M., Leprince, L., Barthe, F., Houzay, F., Lebouche, N., Gerard, J.M., Marzin, J.Y. Self-organized growth of InAs/GaAs quantum boxes 61176
Moison, J.M. *see* Gerard, J.M. 72844
Moisseev, V.I. *see* Kalashnikov, V.V. 100576
Moitra, S. *see* Xian-He Sun 72636
Moix, D.B. *see* Scherrer, D.P. 107121
Moizumi, K. *see* Jokanovic, D.P. 82151
Mojahedi, M. *see* Agi, K. 104821
Mojdehbakhsh, R. *see* Subramanian, S. 110638
Mojdehbakhsh, R. *see* Vishnuvajjala, R.V. 110922
Mojon, A. *see* Hermida, R.C. 90269
Mojstrovic, S. *see* Belavic, D. 62499
Mojtahedi, H.A., Yasaki, T., Koshiji, K., Shu, E., Uutsunomiya, T., Niwa, S., Masuzawa, T., Tatsumi, E., Taenaka, Y., Takano, H. Automatic control of a totally implantable artificial heart using impedance cardiography 120514
Mojzes, I. Application of compound semiconductors in telecommunication 67619
Mojzes, I., Talyigas, J., Herk, A., Nemeth, P., Kovacs, B., Szikora, B., Madi, T., Nagy, L. Quality assurance and computer control 92312
Mojzes, I. *see* David, L. 94568
Mojzes, I. *see* David, L. 94600
Mojzes, I. *see* Kovacs, B. 95075
Mojzes, I. *see* Malina, V. 74636
Mojzis, M. Metrological properties of elastomagnetic sensors 69083
Mok, C. *see* Gupta, S. 66024
Mok, C.H., Tong, K.Y. Numerical simulation of Si thin film transistors 63731
Mok, D. *see* Bartlett, M.L. 90293
Mok, F.H., Burr, G.W., Psaltis, D. System metric for holographic memory systems 76304
Mok, H.S. *see* Kwon, S.H. 121669
Mok, P.K.T. *see* Chan, W.W.T. 106225
Mok, P.P., Gutt, H.-J., Spee, R., Beukes, H.J., Enslin, J.H.R. Control complexities related to high power resonant inverters 121762
Mok, P.P. *see* Moo, C.S. 71419
Mok, T.S. *see* Chan, Y.C. 116842
Mok, Y.L., Xie, M. Optimizing environmental stress screening using mathematical programming 103502
Mok Ahn Young *see* Young Mok Ahn
Mok Baek Yung *see* Yung Mok Baek
Mok Chang Sang *see* Sang Mok Chang
Mok Jin Dam *see* Jin Dam Mok
Mokhorov, V.V. *see* Davydenko, A.N. 117409
Mokhov, A.V. *see* Godin, O.A. 101565
Mokhov, E.N., Roenkov, A.D., Vodakov, Y.A., Saparin, G.V., Obyden, S.K. 4H-SiC growth by sublimation sandwich-method 104046
Mokhov, E.N. *see* Hofmann, D. 104136
Mokhov, E.N. *see* Wetzel, C. 62704
Mokhov, N.V. *see* Gelfand, N.M. 89589
Mokhtar, A. *see* Azizoglu, M. 78733
Mokhtarani, A. *see* Brown, B.C. 90058
Mokhtarani, A. *see* Glass, H.D. 100644
Mokhtarani, A. *see* Harding, D.J. 89795
Mokhtarani, A. *see* Harding, D.J. 89796
Mokhtari, M. *see* Niburg, M. 119218
Mokhtari, M. *see* Park, H.S. 113487
Mokhtari, S. *see* Slutsker, I.W. 101933
Mokhtarian, F. Silhouette-based object recognition with occlusion through curvature scale space 67266
Mokhtarian, F. Zero-crossings of curvature and torsion in the limit 87092
Mokhun', I.I., Sopin, M.O. Geometric-optical approach to the problem of excitation of a corrugated optical waveguide at near-normal angles of incidence 116084
Moki, T. *see* Mochiki, K. 104241
Mokina, I.A. *see* Kamanin, A.V. 105557
Mokina, I.A. *see* Kamanin, A.V. 114868
Mokrov, E.A., Papko, A.A. Maximum attainable resolution of compensation accelerometers 110378
Mokrov, Ye.A., Papko, A.A. Problems in the development of high-precision accelerometers with standardized dynamic characteristics 79388
Mokrov, Ye.A., Pedorenko, N.P., Semenov, V.A., Alaverdov, V.V., Artemov, Yu.A. Design features of metal-film strain-gauge pressure sensors 79387
Mokrov, Ye.A., Ryzhakov, V.V. Crucial aspects of sensor metrology 88889
Mokrov, Ye.A., Tsapulin, A.I. Measurement of low-frequency accelerations by vibration accelerometers with their dynamic properties and the ambient temperature taken into account 79719
Moktadir, Z. *see* Camon, H. 74608
Mokunaka, K. *see* Nakajima, K. 68741
Mokuno, Y., Horino, Y., Kinomura, A., Chayahara, A., Tsubouchi, N., Fujii, K. PIXE analysis of heavy elements in silicon using MeV heavy ion beams 100388
Mokuno, Y. *see* Shimatani, N. 114892
Mokwa, W. Monolithic integrated physical and chemical sensors in CMOS technology 89021
Mokwa, W. *see* Gottfried-Gottfried, R. 84654
Mokwa, W. *see* Schwarz, M. 110928
Molander, A., Karlberg, G. In situ corrosion potential measurements in the main recirculation system of the Barseback 1 BWR 71103
Molano, A., Garcia-Martinez, A., Vina, A. The design and implementation of a multimedia storage server to support video-on-demand applications 119399
Molau, N.E. *see* Chow, R. 107475
Molcanov, V.I. *see* Poplavko, Y.M. 114203
Molchanov, V. *see* Balakshy, V. 106889
Molchanov, V.Ya. Collinear acousto-optical tunable filter using $CaMoO_4$ single crystal for processing of nonpolarized radiation 85159
Molchanova, N.G. *see* Yolshin, A.N. 112224
Molchanova, R.A. *see* Alyoshin, V.A. 106314
Moldeklev, K., Gunningberg, P. Deadlock situations in TCP over ATM 118091
Moldeklev, K. *see* Ahlgren, B. 98459
Moldenhauer, O., Steyn-Ross, M.L., Steyn-Ross, D.A. Chlorophyll retrieval from CZCS: influence of atmospheric aerosols 111257
Moldovan, A. *see* Iftimia, N. 116369
Moldovan, C., Babarada, F., Stefanescu, B., Moldovan, R. Determination of resonance frequency and sensitivity of resonant microsensors with electrostatic excitation and capacitive detection 69037
Moldovan, C.I. *see* Antipa, C. 80470
Moldovan, L., Li, H. A buffered, constant gain, opamp with rail-to-rail common-mode range 104381
Moldovan, N., Ilie, M. From atomic parameters to anisotropic etching diagrams 74609
Moldovan, R. *see* Moldovan, C. 69037
Moldovanova, M., Assenov, R. On a hypothesis on the molecule vacancies in PbTe 114662
Moldovanu, A. *see* Moldovanu, E. 69458
Moldovanu, E., Chiriac, H., Moldovanu, A., Diaconu, E.D., Ioan, C., Pop, G. Comparative study of open-core fluxgate magnetometric sensors made of Vacoperm 100 and C_1 and C_2 magnetic amorphous materials 69458
Moldoveanu, F. *see* Mihalache, D. 85717
Moldoveanu, V. *see* Jipescu, I. 90511
Moldsvor, A. *see* Kildal, P.-S. 97291

Moldzio, M. *see* Molitor, M. 110467
Molena, R. *see* Olzi, E. 115904
Molenbroek, E.C., Mahan, A.H., Johnson, E.J., Gallagher, A.C. Film quality in relation to deposition conditions of a-Si:H films deposited by the "hot wire" method using highly diluted silane 61405
Molenbroek, E.C. *see* Mahan, A.H. 112341
Moler, K.A. *see* Mannhart, J. 95481
Molfino, P. *see* Alotto, P. 65694
Molfino, P. *see* Alotto, P. 96951
Molfino, P. *see* Alotto, P. 96991
Molfino, P. *see* Girdinio, P. 65674
Molho, E., Schaible, S. Invexity of quadratic functions and restricted/local invexity 103534
Moliere, M. *see* Cannon, M.F. 81327
Moliere, M.M. *see* Remy, P.M. 91360
Molin, G. *see* Alotto, P. 92433
Molin, N.-E. *see* Mohan, N.K. 65546
Molina, A., Prieto, H., Sesena, J. Advantages of SMATV for interactive digital TV 109924
Molina, A.Ramirez *see* Ramirez Molina, A.
Molina, C., Jain, N., Basu, K. Performance model of cellular data on American systems 109527
Molina, C., Sampson, N., Fitzgerald, W.J., Niranjan, M. Geometrical techniques for finding the embedding dimension of time series 108365
Molina-Fernandez, I. *see* Wanguemert-Perez, J.G. 116928
Molinar, G.F. *see* Wisniewski, R. 69107
Molinari, E., Rossi, F., Rota, L., Lugli, P., Rinaldi, R., Lepore, M., Cingolani, R. Electronic and excitonic properties of V-grooved quantum wires: theory and experiments 62916
Molinari, E. *see* Rossi, F. 62979
Molinari, E. *see* Rota, L. 62924
Molinari, G. *see* Alotto, P. 64571
Molinari, G. *see* Alotto, P. 65717
Molinari, G. *see* Bosser, J. 89844
Molinaro, A. *see* Iera, A. 68279
Molinaro, A. *see* Iera, A. 88276
Molinaro, A. *see* Iera, A. 118573
Molinaro, A. *see* Iera, A. 118582
Molinaro, F., Bencherif, H., Bessafi, M., Leveau, J. Time-frequency analysis of backscattered lidar signal to study atmosphere dynamics 111201
Molinaro, F., Castanie, F. Prony model with time-varying poles 66660
Molinelli, D. *see* Ardizzone, E. 117867
Moliner, A. *see* de Mingo, J. 104781
Molinet, F., Louet, C., De Beauregard, F.C., Quadri, J.M., Rabillard, X. Completely uniform asymptotic solution for perfectly conducting 3D curved edge 65799
Molinet, F. *see* Dusseaux, R. 65769
Molisch, A.F., Fuhl, J. Bit error probability of differentially detected (G)MSK in unequalized mobile radio channels 118895
Molisch, A.F., Fuhl, J., Bonek, E. Pattern distortion of mobile radio base station antennas by antenna masts and roofs 97376
Molisch, A.F., Fuhl, J., Proksch, P. Error floor of MSK modulation in a mobile-radio channel with two independently fading paths 68109
Molisch, A.F., Fuhl, J., Proksch, P. Bit error probability of MSK modulation with switched diversity in a mobile-radio channel with two independently-fading paths 99195
Molisch, A.F. *see* Fuhl, J. 97706
Molisch, A.F. *see* Fuhl, J. 117080
Molitor, M., Moldzio, M. Acoustic roller bearing diagnosis in a closed-loop quality control system 110467
Molitor, P. *see* Litan, L. 92463
Moll, A.J. *see* Kin Man Yu 114877
Moll, E. *see* Heitz, R. 74211
Moll, G. Service Information (SI) for DVB systems 68837
Moll, J. *see* Rahmat, K. 63421
Moll, M. *see* Feick, H. 110544
Moll, M. *see* Fretwurst, E. 110546
Molla, J., Moreno, R., Ibarra, A. Effect of Mg doping on dielectric properties of alumina 95240
Molla, J.A. *see* Galasco, R.T. 62505
Mollah, S., Froumin, N., Polak, M., Baram, J. Critical currents of PbBiSCCO Ag/AgCu composites 95434
Molle, M., Watson, G. 100Base-T/IEEE 802.12/packet switching 98761
Molle, M.L. *see* Manjunath, D. 87726
Molle, P. *see* Vinet, F. 63491
Molle, S. Digital television using QPSK and QAM modulation 79137
Mollenauer, L.F., Mamyshev, P.V., Neubelt, M.J. Demonstration of soliton WDM transmission at up to 8×10 Gbit/s, error-free over transoceanic distances 88645
Mollenauer, L.F. *see* Evangelides, S.G., Jr. 109667
Mollenauer, L.F. *see* Pilipetskii, A.N. 119241
Mollendorff, U.Von *see* Von Mollendorff, U.
Mollenhauer, I. *see* Mesecke-von Rheinbaben, I. 80433
Mollenkopf, C. *see* Wietschel, M. 120879
Moller, C. *see* Benredjem, D. 107037
Moller, D., Frasier, S., McIntosh, R.E. Study of integration time effects on coherent radar imagery of the sea surface 120835
Moller, D. *see* Litan, L. 92463
Moller, D. *see* Pham, M.T. 63141
Moller, F. *see* Schwesinger, N. 72895
Moller, F. *see* Vandahl, T. 106461
Moller, H., Friis Sorensen, M., Boje Jensen, C., Hammershoi, D. Binaural technique: do we need individual recordings? 88875
Moller, H., Krotz, G., Legner, W., Wagner, C., Muller, G., Smith, L., Leese, B., Jones, A., Rushworth, S. In situ p- and n-type doping of low-temperature grown β-SiC epitaxial layers on silicon 105585
Moller, H. *see* Krotz, G. 104057
Moller, K.D. *see* Moser, H.O. 79772
Moller, M. *see* Felder, A. 68479
Moller, M. *see* Felder, A. 99526
Moller, M. *see* Gottwald, E. 119203
Moller, M. *see* Rein, H.-M. 95174
Moller, M. *see* Waag, A. 92708
Moller, M.O. *see* Bacher, G. 62895
Moller, P.J. *see* Shimomura, M. 62723
Moller, S. Telecommunication in competition–fundamentals of a new telecommunication law 98527
Moller, S. *see* Kristensen, I.K. 95951
Moller, S.P. *see* Dehning, B. 79949
Moller, W. *see* Sperfeld, P. 88892
Moller, W.-D. Quest for high gradients 119979
Moller, W.-D. *see* Crawford, C. 79853
Moller, W.-D. *see* Pekeler, M. 119967
Moller-Larsen, A. *see* Brorson, S.D. 107316
Molley, P. Computer vision challenges and technologies for agile manufacturing 90903
Mollier, J.C., Chaubet, M., Sage, J.P., Aubry, Y., Roizes, A. Lightwave-microwave characterization of cooled HgCdTe photodetectors for spaceborne wind LIDARs 79415
Mollinger, J. *see* Kadar, Z. 84628
Mollinger, J. *see* Kadar, Z. 88991
Mollmann, A. *see* Flottmeyer, F. 71389
Mollon, J.D. *see* Webster, M.A. 108527
Mollon, K. *see* Hawkshee, D.J. 88764
Mollot, F. *see* Gassot, P. 62974
Mollot, F. *see* Lheurette, E. 84303
Mollot, F. *see* Van de Casteele, J. 64945
Mollova, G. Variance of quantization error at the output of recursive digital filter 83247
Molloy, J. *see* McLaughlin, J. 82749
Molloy, M. *see* Frieze, A. 103645
Molloy, M.K. *see* McLay, R.W. 69913
Molloy, S. *see* Jain, R. 87669
Molls, W. *see* Daumann, W. 104831
Molls, W. *see* Daumann, W. 104853
Molnair, B. *see* Frigyes, I. 78339
Molnar, A. *see* Kasa, I. 95976
Molnar, A. *see* Stein, M. 101681
Molnar, B. *see* Boos, J.B. 106061
Molnar, B. *see* Frigyes, I. 85858
Molnar, B.D., Hassan, A.A., Saulnier, G. Analytical performance evaluation of trellis coded modulation for mobile satellite channels 117138
Molnar, G., Peto, G., Zsoldos, E., Horvath, Z.E., Khanh, N.Q. The effect of silicon substrate orientation on the formation of Gd-silicide phases 113334
Molnar, J. *see* Arefiev, A. 69787
Molnar, K.J., Bottomley, G.E. D-AMPS performance in PCS bands with array processing 118965
Molnar, K.J. *see* Hassan, A.A. 68391
Molnar, K.K., Kletke, M.G. The impacts on user performance and satisfaction of a voice-based front-end interface for a standard software tool 117266
Molnar, M. *see* Wright, J.J. 101391
Molnar, R. *see* Marrs, R. 92226
Molnar, R.J. *see* Gotz, W. 83833
Molnar, R.J. *see* Lall, B.S. 103446
Molnar, S., Farago, A., Henk, T., Blaabjerg, S. Towards precision tools for ATM network design, dimensioning and management 87863
Molnar, S.von *see* von Molnar, S.
Molnar, T. *see* Schmidt, I. 91473
Molner, R.J. *see* Wetzel, C. 62704
Molodkin, V. *see* Bulyak, E. 80149
Molodkin, V. *see* Karnaukhov, I. 79776
Molodozhentsev, A. *see* Limberg, T. 96535
Molodtsov, S.D. Experience of industrially developed foreign countries in conducting an investment policy in the industries of the fuel-energy complex 101811
Molodtsov, S.D. *see* Aslanyan, G.S. 101813
Molon, Z. *see* Glinka, T. 110941
Molon, Z. *see* Glinka, T. 112504
Moloni, K. *see* Foss, S. 84773
Molony, A., Zhang, L., Williams, J.A.R., Bennion, I., Edge, C., Fells, J. Fibre Bragg grating time delay control of phased array antennae 68482
Molony, T. *see* Braun, J.M. 121210
Molotkov, S.N. Quantum controlled-NOT gate based on a single quantum dot 115261
Molotkov, S.N., Nazin, S.S. Quantum cryptography based on quantum dots 77724
Molotok, V.V. *see* Kludzin, V.V. 64836
Molotskii, M. *see* Glickman, E. 94818
Mols, R.F.X.A.M. *see* Knippels, G.M.H. 65377
Mols, R.F.X.A.M. *see* Knippels, G.M.H. 65385
Mols, R.F.X.A.M. *see* Knippels, G.M.H. 96499
Moltedo, L., Nappi, M., Vitulano, D., Vitulano, S. A hybrid system for still image compression: linear prediction coding and iterated functions systems 87058
Molteni, C. *see* Deis, G. 106719
Molter, G. *see* Baentsch, M. 77957
Molthen, R.C., Shankar, P.M., Reid, J.M. Characterization of ultrasonic B-scans using non-Rayleigh statistics 120399
Molva, E. *see* Herve, D. 75950
Molva, E. *see* Nunzi, J.M. 85629
Molvar, K.M. *see* Brown, E.R. 63551
Molvar, K.M. *see* Chen, C.L. 84013
Molzer, M. *see* Treitinger, L. 73798
Mombasawala, M.J., Dharmaraj, G., Madan, N. Intrasystem EMI control in high frequency communication system 78278
Mombelli, M. *see* Capezzali, M. 95467
Mombello, E., Trad, O., Rivera, J., Andreoni, A. Two-layer soil model for power station grounding system calculation considering multilayer soil stratification 111708
Momiji, H. *see* Ishizaki, O. 64427
Momiji, H. *see* Ito, K. 76266
Momin, S.A. *see* Alabbas, S.H. 79441
Momma, A. *see* Nagata, S. 112317
Momma, A. *see* Okuo, T. 81733
Momma, A. *see* Okuo, T. 121868
Momma, A. *see* Okuo, T. 121869
Momma, K. *see* Nagata, S. 81771
Momma, T., Matsumoto, Y., Osaka, T. Effect of CO_2 on the cycleability of lithium metal anode 112295
Momma, T., Ogasawara, K., Osaka, T. Electroluminescence at the interface between electrolyte and porous silicon 64956
Momma, T. *see* Liu, X. 62386
Mommaert, C. *see* Annis, P. 80121
Mommaert, C. *see* Martellotti, G. 80122
Momoh, J.A., Dias, L.G., Laird, D.N. An implementation of a hybrid intelligent tool for distribution system fault diagnosis 121133
Momona, M. *see* Nyu, T. 78857
Momona, M. *see* Okamoto, Y. 118387
Momona, M. *see* Yasuda, H. 102037
Momono, N., Ido, M. Evidence for nodes in the superconducting gap of $La_{2-x}Sr_xCuO_4$. T^2 dependence of electronic specific heat and impurity effects 106667
Momosaki, E., Oomura, Y. Low-drive level characteristics of AT-cut resonators with cylindrical capsules 106382
Momose, H. *see* Wirner, C. 74448
Momose, H.S., Ono, M., Yoshitomi, T., Ohguro, T., Saito, M., Nakamura, S., Iwai, H. Study on the realization of high performance MOSFETs with gate lengths 0.1 μm and below 84437
Momose, M. *see* Taike, A. 74396
Momose, S., Sato, A., Oshima, N., Kawahara, H., Baba, K., Tsukamoto, Y., Sakairi, T., Aoyagi, T. A damage quantification method for air-bearing-surface overcoats on magnetic head sliders 115762
Momose, T., Wakabayashi, T., Shida, T. Tunable-narrow-linewidth continuous-wave mid-infrared light generation by difference-frequency mixing 96701
Momose, Y. *see* Satoh, M. 64892
Momota, S. *see* Konishi, Y. 105912
Momota, S. *see* Kudoh, M. 104335
Momozawa, M., Horie, R., Hasegawa, T. Intelligent checking system of street surface 67151
Momozawa, M., Noguchi, N., Morisaki, K., Hasegawa, T. Automatic vehicle type identifier for toll collection management system 98189
Momy, A., Roy, V., Taquin, J., Wartski, L. Application of the 3D magnetic field simulation to an ion source 100798
Momy, A. *see* Souza, M. 96931
Mon Wang Chong *see* Chong Mon Wang
Monaci, A., Martin, T. High performance computer board for image processing gives 200 MByte/sec acquisition and GOPS performance 112994
Monaco, J., Holloway, D., Raina, R. Functional verification methodology for the PowerPC 604 microprocessor 83148
Monaco, P. *see* Digalakis, V.V. 86149
Monaco, R., Polcari, A., Capogna, L. Fabrication and properties of multiple vertically stacked Josephson tunnel junctions 64539
Monaco, R. *see* Konopka, A. 75343
Monaco, V.A. *see* Filicori, F. 114263
Monaco, V.A. *see* Torcolacci, D. 114300
Monacos, S. *see* Bambos, N. 98637
Monacos, S.P., Morookian, J.M., Davis, L., Bergman, L.A., Forouhar, S., Sauer, J.R. All-optical WDM packet networks 78918
Monacos, S.P. *see* Kleinrock, L. 78920
Monaghan, J. *see* Murphy, M.J. 113450
Monaghan, S. *see* Sanden, B. 72196
Monaghan, T.P. Fault tolerant system design in the concept exploration stage of a mission critical computing system 80746
Monahan, C., Brewer, F. Concurrent analysis techniques for data path timing optimization 83016
Monahan, G.P. *see* Nuteson, T.W. 65934
Monahan, K., Askary, F., Elliott, R., Forcier, R., Quattrini, R., Sheumaker, B., Yee, J., Marchman, H., Bennett, B., Carlson, S., Sewell, H., McCafferty, D., Sumra, J., Yan, J. Benchmarking multimode CD-SEM metrology to 180 nm 115079
Monahan, T. *see* Cole, M.W. 83976
Monahan, T. *see* Cole, M.W. 94593
Monahan, T. *see* McLane, G.F. 84135
Monajemy, R. *see* Krishnan, R. 71754

Monaldo, F.M. Comparison of wave parameters measured from the SIR-C on-board processor with WAM predictions in the Southern Ocean 120851
Monaldo, F.M. *see* Beal, R.C. 120849
Monaldo, F.M. *see* Chapman, R. 90818
Monaster, G.A. *see* Jaspers, B.C. 81777
Monastyrsky, L.S. Diffusion of charged impurities in graded-gap HgTe/CdTe superlattices 83939
Monberg, J., Henning, A.K. Microfabricated sensors for the measurement of electromagnetic fields in biological tissues 79574
Monch, L. On the numerical solution of the direct scattering problem for an open sound-hard arc 72707
Monch, W. Chemical trends of barrier heights in metal-semiconductor contacts: on the theory of the slope parameter 63093
Monch, W. Empirical tight-binding calculation of the branch-point energy of the continuum of interface-induced gap states 114692
Monch, W. *see* Schmitsdorf, R.F. 84148
Moncrief, W.A. Practical application and selection of single-phase to three-phase converters 71553
Mondal, H.N., Kurimoto, H., Morisue, T. Analysis of electrically induced flows in DC electric arc furnace 71938
Mondal, P.K., Chakravarti, B., Gnana Sagar, B., Prabhakar Rao, T. Spatial resolution of coded-aperture imaging systems in multiplexed tomography with linear and quadratic super-resolving filters 120326
Mondal, S.K., Sarkar, S.N. Effect of optical Kerr effect nonlinearity on LP$_{11}$ mode cutoff frequency of single-mode dispersion-shifted and dispersion-flattened fibers 75452
Mondal, S.K., Saxena, S.N., Bhadra, S.N. Design of SRM controller for its application to transportation area–a simulation study 81979
Mondal, S.K., Saxena, S.N., Bhadra, S.N. Effects of saturation on performance of SRM and controller during starting 121464
Mondal, S.K. *see* Kumar, N.V.V.R. 112577
Mondal, S.K. *see* Sarkar, A.K. 79143
Mondardini, M.R. *see* Martellotti, G. 80122
Mondeel, D. *see* Nguyen, P. 93317
Mondelaers, W. *see* Bertschy, M. 100796
Mondelaers, W. *see* Bertschy, M. 101009
Mondelaers, W. *see* Stritt, N. 101010
Mondelli, A.A. *see* Petillo, J.J. 105075
Monden, M., Akiyama, N., Takahashi, N. Operation technologies for the next-generation communications switching system: NS8000 series 98995
Monden, M., Nishikawara, K., Kogiku, I., Ohminami, M. Platform software technologies for NTT's next generation communications switching systems: NS8000 series 98994
Monden, Y., Masukawa, S., Iida, S. A utility interactive photovoltaic power system with a current source inverter and a DC-DC converter 91397
Monderer, D., Samet, D. Proximity of information in games with incomplete information 113091
Monderer, D., Sela, A. A 2×2 game without the fictitious play property 82398
Monderer, D., Shapley, L.S. Potential games 82397
Mondi, V.D.Di *see* Di Mondi, V.D.
Mondin, M. *see* Benedetto, S. 66280
Mondin, M. *see* Daneshgaran, F. 77563
Mondin, M. *see* Daneshgaran, F. 97575
Mondin, M. *see* Trott, M.D. 66279
Mondino, P.-L., Barabaschi, P., Grtbov, Yu., Matsukawa, M., Odajima, K., Portone, A., Wesley, J., Albanese, R., Coccorese, E., Lomas, P.J., Noll, P., Belyakov, V., Kavin, A., Korshakov, V., Vasil'ev, V., Bulmer, R.H., Jardin, S.C., Leuer, J., Pearlstein, L.D., Nishio, S., Shinya, K., Tsunematsu, T. Plasma equilibrium and control in ITER 64567
Mondino, P.L. *see* Benfatto, I. 112060
Mondino, P.L. *see* Roshal, A. 102884
Mondragon, J.J.Sanchez *see* Sanchez Mondragon, J.J.
Mondry, M. *see* Strzelecka, E.M. 85342
Mondry, M.J., Tarsa, E.J., Coldren, L.A. Molecular beam epitaxial growth of strained AlGaInAs multi-quantum well lasers on InP 92691
Mondry, M.J. *see* Bhattacharya, U. 93853
Mondry, M.J. *see* Hawkins, A.R. 79417
Mondry, M.J. *see* Itaya, K. 65220
Mondry, M.J. *see* Yen, J.C. 61798
Mondry, M.J. *see* Yen, J.C. 115370
Monediere, Th. *see* Melon, Ch. 66057
Moneger, S., Qiang, H., Pollak, F.H., Mathine, D.L., Droopad, R., Maracas, G.N. Contactless electroreflectance characterization of three InGaAs quantum wells placed in a GaAs/AlGaAs resonant cavity 76043
Monein, M.S. *see* Firoozbakhah, K.K. 120526
Monemar, B. *see* Buyanov, A.V. 74258
Monemar, B. *see* Buyanova, I.A. 62959
Monemar, B. *see* Cao, S.M. 114765
Monemar, B. *see* Ferreira, A.C. 62963
Monemar, B. *see* Ferreira, A.C. 105400
Monemar, B. *see* Godlewski, M. 74403
Monemar, B. *see* Godlewskia, M. 114594
Monemar, B. *see* Holtz, P.O. 62743
Monemar, B. *see* Konstantinov, A. 64911
Moneo, J.Ramon de F. *see* Ramon de F. Moneo, J.
Monerie, M. *see* Landousies, B. 119138
Monerie, M. *see* Quetel, L. 78775
Mones, A. *see* Drozdyk, L. 94833
Moneta, L. *see* Mours, B. 100821
Moneta, L. *see* Mours, B. 120196
Moneypenny, G.A. High energy planar batteries in portable equipment applications 71627
Monfared, M.A.Saniee *see* Saniee Monfared, M.A.
Monfort, Y. *see* Hubert, O. 95491
Mong, A. *see* Karimi, K.J. 120634
Mong King Lim *see* Lim Mong King
Mong-Song Liang *see* Chii-Wen Chen 74724
Monga, K. *see* Ray, U.C. 93780
Monga, O. *see* Prinet, V. 90388
Mongellaz, F. *see* Marion, D. 69310
Mongenet, C. *see* Fortes, J. *(editor)* 103313
Mongia, R.K. Small eletric monopole mode dielectric resonator antenna 66105
Mongiardo, M., Morelli, A., Morini, A., Rozzi, T. Modelling of the coupling between two probes over a slotted ground plane 65938
Mongiardo, M. *see* Accatino, L. 83323
Mongiardo, M. *see* Accatino, L. 93715
Mongiardo, M. *see* Alimenti, F. 62179
Mongiardo, M. *see* Morini, A. 98970
Mongiardo, M. *see* Weisshaar, A. 93714
Mongkolwat, P. *see* Chang, C.K. 109948
Moni, S., Kashyap, R.L. Image communication over a distributed multimedia system 109214
Moniatte, J. *see* Tomasiunas, R. 94254
Monica, S.La *see* La Monica, S.
Monich, G. *see* Lorch, R. 116936
Monici, M. *see* Pratesi, R. 101429
Monin, A., Salut, G. IIR Volterra filtering with application to bilinear systems 108311
Monin, A. *see* Bourse, D. 93707
Monin, A. *see* Vendik, I. 114223
Monin, W. *see* Hebuterne, G. 109158
Moning, A. Development and operation of the new DataRail high-performance data transmission/switching platform on SBB 99242
Moniri, M., Belcher, R.A. Noise analysis of time-averaging interpolation in D/A conversion 73473
Monishi, R. *see* Yea, B. 110271
Monk, A. *see* Davis, M. 118784
Monk, P. *see* Dyer, P.E. 95226
Monk, P. *see* Wang, Y. 65937
Monkman, A.P. *see* Halliday, D.P. 94317
Monkman, G. Munchen: pH and SAW 69050
Monkman, G. Industrial infrared sensors 89107
Monkman, G. Bio-chemical sensors 119630
Monkman, G.J. A simple time domain web measurement and inspection system 60660
Monkowski, J. *see* Sawkar, S.S. 89437
Monlatte, J. *see* Chergui, A. 76126
Monllor, C. *see* Benech, P. 110081
Monma, K. *see* Hyodo, H. 69941
Monna, R., Slaoui, A., Lachiq, A., Muller, J.C. Silicon thin films obtained by rapid thermal atmospheric pressure chemical vapour deposition 82615
Monneret, S., Tisserand, S., Flory, F., Rigneault, H. Light-induced refractive-index modifications in dielectric thin films: experimental determination of relaxation time and amplitude 110404
Monney, P. *see* Bui, N.-C. 110198
Monnich, W. *see* Fischenberg, D. 120592
Monnier, B. *see* Adnet, C. 70589
Monnier, B. *see* Barbaresco, F. 68670
Monnom, G. *see* Maurice, E. 64644
Mononen, I. *see* Kemppinen, M. 111125
Mononen, J. *see* Ferrero, U. 98911
Mononen, J. *see* Olsen, B.T. 78788
Mononen, J. *see* Olsen, B.T. 98910
Mononobe, S., Ohtsu, M. Fabrication of a pencil-shaped fiber probe for near-field optics by selective chemical etching 119702
Mononobe, S. *see* Saiki, T. 69214
Monorchio, A. *see* Corsini, G. 111240
Monorchio, A. *see* Guidi, R. 97062
Monorchio, A. *see* Manara, G. 65804
Monorchio, A. *see* Manara, G. 116929
Monorchio, A. *see* Pelosi, G. 65800
Monoyiou, E. *see* Tzanakos, C. 101316
Monro, D.M., Simpson, D.M. Alignment blur in coherently averaged images 77398
Monro, J. *see* Bogner, R.E. 103332
Monro, T.M., Poladian, L., De Sterke, C.M. Numerically efficient modal decomposition approach to wave propagation in photosensitive materials 75532
Monroe, C., Barton, A.S., Bergquist, J.C., Berkeland, D., Bollinger, J.J., Cruz, F., Itano, W.M., Jefferts, S.R., Jelenkovic, B.M., King, B.E., Meekhof, D.M., Miller, J.D., Poitzsch, M.E., Tan, J.N., Wineland, D.J. Experiments at NIST with trapped ions: 3-D zero-point cooling, quantum gates, Bragg scattering, and atomic clocks 95896
Monroe, L. Self-orthogonal greedy codes 117213
Monroe, L., Pless, V. Greedy generation of non-binary codes 66343
Monroy, A. *see* Vendrame, L. 115374
Monroy, I.T. *see* Einarsson, G. 68393
Monsef, H., Ranjbar, A.M., Jadid, S. A fuzzy rule-based expert system for power system fault diagnosis 101711
Monson, J.E. Design of a multi-channel rotary transformer for application to digital magnetic recording 75274
Monson, J.E. *see* Goldberg, J.S. 115821
Monta, Y. *see* Yufei Bao 95864
Montag, C. Active stabilization of mechanical quadrupole vibrations for linear colliders 100648
Montag, C. Active stabilization of mechanical quadrupole vibrations for linear colliders 120031
Montag, C., Rossbach, J. A mechanical feedback system for linear colliders to compensate fast magnet motion 89908
Montag, C. *see* Rathmann, F. 119987
Montag, C. *see* Shiltsev, V. 89612
Montag, C. *see* Zapfe, K. 120083
Montagna, M. *see* Berizzi, A. 101936
Montagna, M. *see* Berizzi, A. 101979
Montagna, P. *see* Agnello, M. 110583
Montagna, R. TCH-HS activities for the GSM half-rate channel standardisation 99137
Montagnat, J. *see* Ronngren, R. 78466
Montagne, R. *see* Glance, B. 78854
Montague, S. *see* Barron, C.C. 106281
Montague, S. *see* Smith, J.H. 74873
Montakhab, M.R. *see* Hogan, P.A. 82326
Montalant, T. *see* Aubin, G. 99581
Montalri, F. *see* Caviglia, F. 69537
Montalti, F. *see* Suino, D. 64691
Montana, M. *see* Miceli, R. 112566
Montanari, G.C. Recent developments in modeling for aging investigation and insulation characterization 64099
Montanari, G.C., Motori, A. Short-term thermal endurance characterization of polymeric cable insulating materials. Use of oxidative stability measurements 121150
Montanari, G.C., Motori, A., Bulinski, A.T., Bamji, S.S., Densley, J. Application of oxidation induction time and compensation effect to the diagnosis of HV polymeric cable insulation 91176
Montanari, G.C. *see* Bulinski, A. 70913
Montanari, G.C. *see* Cacciari, M. 64022
Montanari, G.C. *see* Cacciari, M. 84698
Montanari, G.C. *see* Cavallini, A. 121078
Montanari, G.C. *see* Cavallini, A. 121831
Montanari, U. *see* Degano, P. 118115
Montanaro, J., Witek, R.T., Anne, K., Black, A.J., Cooper, E.M., Dobberpuhl, D.W., Donahue, P.M., Eno, J., Farell, A., Hoeppner, G.W., Kruckemyer, D., Lee, T.H., Lin, P., Madden, L., Murray, D., Pearce, M., Santhanam, S., Snyder, K.J., Stephany, R., Thierauf, S.C. A 160 MHz 32 b 0.5 W CMOS RISC microprocessor 73430
Montangero, P., Azzini, G.A., Crovato, R., Ricci, L., Serra, L. Reliability tests and failure analysis for quality improvement in 1.5 μm Fabry-Perot lasers 96433
Montangero, P., Azzini, G.A., Neitzert, H.C., Ricci, G., Serra, L. Reliability of InGaAs-InP based separate absorption grading multiplication avalanche photodiodes 95989
Montangero, P. *see* Serra, L. 96319
Montano, F. *see* Adam, W. 69709
Montano, J.C., Castilla, M., Gutierrez, J., Lopez, A. Reactive power compensator with switched-LC networks 70691
Montano, P.A. *see* Yoo, S.S. 80142
Montanvert, A. *see* Lachaud, J.-O. 67232
Montarnal, P., Bouche, D. Fringe wave diffraction coefficients for higher order discontinuities 65774
Montaron, J. *see* Dentan, M. 90222
Montaron, J. *see* Dentan, M. 95214
Montauti, F. *see* Piloni, M. 68161
Montebugnoli, S. *see* Bortolotti, C. 79102
Montecchi, F. *see* Baschirotto, A. 114069
Montecchi, F. *see* Colli, G. 114147
Montecchi, F. *see* Rezzi, F. 114047
Montecchi, M. *see* Baldacchini, G. 95942
Montecchi, M. *see* Larciprete, R. 113324
Montecchia, F. *see* Barabanov, I.R. 110568
Montecchia, F. *see* Grianti, F. 120521
Montecchla, F. *see* Grianti, F. 70220
Montefusco, A. *see* Bobbio, A. 109974
Montegro Campos, M.F. *see* Correa Machado, A.M. 98153
Monteil, Y. *see* Ferro, G. 94441
Monteil, Y. *see* Ferro, G. 113472
Monteil, Y. *see* Pautet, C. 82600
Monteil, Y. *see* Somatri, R. 92722
Monteil, Y. *see* Souliere, V. 105143
Monteiro, A. *see* Percival, M. 99422
Monteiro, A.Miguel Vieira *see* Miguel Vieira Monteiro, A.
Monteiro, E., Quadros, G., Boavida, F. A scheme for the quantification of congestion in communication services and systems 118205
Monteiro, J., Devadas, S., Ashar, P., Mauskar, A. Scheduling techniques to enable power management 83075
Monteiro, J.L., Morais, F. Management of intelligent spaces and buildings: a distributed and hierarchical model 71731
Monteiro, J.L. *see* Adamski, M.A. 61729
Monteiro, P. *see* Borjak, A. 62312
Monteiro, R.D.C., Wright, S.J. A superlinear infeasible-interior-point affine scaling algorithm for LCP 103803
Monteiro, T.S., Dando, P.A. Chaos in a quantum well in tilted fields: a scaling system 62838
Montel, F. *see* Daridon, J.L. 101499
Montelius, L. *see* Ling, T.G.I. 69334
Montenegro, C. *see* Mendes, K.C. 84787
Montenegro, J.C., Ramirez, J.L. Degradation of zinc oxide varistors 102272
Montereali, R.M. *see* Baldacchini, G. 95942
Montero, A. *see* Marti, J. 99552
Montero, J.M. *see* Nubla, A. 117104

Montero, L.R.R., Mota, W.S., Jacobina, C.B. A microcomputer-based load angle and frequency measurement 111913
Montero, O., Baez, D., Alvarez, F., Alejos, R., Flores-Verdad, G.E. Simulation and experimental results for a compact fluorescent lamp with electronic adapter 81996
Montero, O. *see* Velasco, G. 92077
Montero de Espinosa, F. *see* Alvarez-Arenas, T.E.G. 106353
Montero de Espinosa, F. *see* Lamberti, N. 106474
Montes, B. *see* Amiranoff, F. 89645
Montes-Usategui, M. *see* Bosch, S. 108491
Montesano, A. *see* Hernanz, M.L. 66159
Montesano, C. *see* Martin, M.J. 76616
Montesino-Espartero, J.L. *see* Rodriguez, A. 99662
Montesperelli, G. *see* Bianco, A. 84849
Montevecchi, N. *see* Borghi, C.A. 107796
Montezuma, P. *see* Dinis, R. 117939
Montgomery, B. *see* Ranson, K.J. 120895
Montgomery, D.B. Magnet design issues for ITER 106720
Montgomery, D.B. *see* Dawson, A.M. 96992
Montgomery, D.B. *see* Iida, F. 95520
Montgomery, D.C. *see* Mastrangelo, C.M. 72337
Montgomery, D.C. *see* Shumate, D.A. 94790
Montgomery, D.E., West, R.L. A weighted least-squares discrete finite element formulation for modeling three-dimensional velocity response fields measured by a laser Doppler vibrometer 119887
Montgomery, D.J. Physics of pulsed Nd:YAG laser welding: being an account of the development of laser welding monitoring techniques 65584
Montgomery, J.H., Ruddell, F.H., McNeill, D.W., Armstrong, B.M., Gamble, H.S. A rapid thermal processing system for the deposition of silicon carbide layers on silicon 82718
Montgomery, M., De Veciana, G. On the relevance of time scales in performance oriented traffic characterizations 87325
Montgomery, R.K., Humphrey, D.A., Hamm, R., Ren, F., Malik, R.J., Kopf, R.F., Tate, A., Smith, P.R., Ryan, R.W., Lin, J., Chen, Y.K. 10 and 26 GHz differential VCOs using InP HBTs 93888
Montgomery, T.L. *see* Callahan, J.R. 67572
Monti, A. *see* Castelli Dezza, F. 112123
Monti, A. *see* Dezza, F.C. 121985
Monti, A. *see* Dezza, F.C. 122083
Monti, C.T., Chung, K. Stress-free thermoplastic film adhesives for high reliability microelectronics applications 92224
Monti, O. *see* An, H. 114360
Monti, S. *see* Agosteo, S. 90649
Monti Guamieri, A. *see* Gatelli, F. 120903
Monticelli, A. *see* Alves, A.C.B. 90970
Monticone, E. *see* Lacquantii, V. 64538
Montiel, C.M., Fan, L., Chang, K. A self-mixing active antenna for communication and vehicle identification applications 85982
Montignac, G. *see* Beaudin, G. 79100
Montijano, J.I. *see* Gonzelez-Pinto, S. 61043
Montijano, J.L. *see* Calvo, M. 61049
Montmain, J., Leyval, L. Causal graphs for model based diagnosis 103511
Montmeat, A., Giard, A., Roguin, J. MORGAT for testing MV and EHV protective relays 111557
Montmorillon, L.-A.De *see* De Montmorillon, L.-A.
Montomoli, C. *see* Romani, A. 90519
Montonen, J. *see* Nenonen, J. 80361
Montorsi, G. *see* Benedetto, S. 66379
Montorsi, G. *see* Benedetto, S. 66522
Montorsi, G. *see* Benedetto, S. 66523
Montorsi, G. *see* Benedetto, S. 66547
Montorsi, G. *see* Benedetto, S. 76778
Montorsi, G. *see* Benedetto, S. 86065
Montoya, J.A. Electromagnetic compatibility in facility design 107960
Montoya, T.P., Smith, G.S. A study of pulse radiation from several broad-band loaded monopoles 97313
Montoya, T.P., Smith, G.S. Vee dipoles with resistive loading for short-pulse ground-penetrating radar 117047
Montree, A.H., Lifka, H., Meyssen, V.M.H., Verhulst, Y.M.G., Woerlee, P.H. A 0.35 μm CMOS technology optimized for low-power applications 63916
Montree, A.H. *see* Meyssen, V.M.H. 84172
Montrel, M.M. *see* Sukhorukov, G.B. 110229
Montress, G.K. *see* Andres, D. 106415
Montrose, C.J. *see* O'Gorman, T.J. 73332
Montrose, C.J. *see* Ziegler, J.F. 72344
Montrose, C.J. *see* Ziegler, J.F. 72394
Montrosset, I. *see* Puscas, N.N. 79746
Montrosset, I. *see* Scarano, D. 65136
Montrosset, I. *see* Scarano, D. 96137
Montuschi, P. *see* Ciminiera, L. 113839
Montuschi, P. *see* Sanna, A. 87083
Montusiewicz, J. *see* Surdacki, P. 64572
Monty, C.J.A. *see* Tabet, N. 94225
Monz, L.B., Morgan, R.B. Mating new variable frequency drives to existing motors 91791
Monzon, D. *see* Starodumov, A.N. 119920
Moo, C.S., Chuang, Y.C., Lee, C.R. A new power factor correction circuit for electronic ballasts with series-load resonant inverter 71886
Moo, C.S., Mok, P.P. Multi-resonant boost converter as active filter for power factor correction 71419
Moo Hyun Cho *see* Kyung Ryul Kim 69593
Moo Kang Sun *see* Sun Moo Kang
Moo Park Hyung *see* Hyung Moo Park
Moo Youn Park *see* Kyung Shik Lee 89133
Moo-Joon Kim *see* Chubachi, N. 90854
Moo-Sung Kim *see* Byung Don Min 84106
Moo-Sung Kim *see* Chang-Sik Son 83862
Moo-Sung Kim *see* Seong-Il Kim 92697
Moo-Sung Kim *see* Tae-Geun Kim 105314
Moochalla, S. *see* Katz, A. 73765
Moodenbaugh, A.R. *see* Fukumoto, Y. 84879
Moodera, J.S., Kinder, L.R., Nowak, J., LeClair, P., Meservey, R. Geometrically enhanced magnetoresistance in ferromagnet-insulator-ferromagnet tunnel junctions 94635
Moodie, D.G., Guy, M.J., Harlow, M.J., Ellis, A.D., Ford, C.W., Perrin, S.D. High modulation depth electroabsorption modulator modules for OTDM systems 78707
Moodie, D.G., Harlow, M.J., Guy, M.J., Perrin, S.D., Ford, C.W., Robertson, M.J. Discrete electroabsorption modulators with enhanced modulation depth 106863
Moodie, D.G. *see* Chemikov, S.V. 116116
Moodie, D.G. *see* Chernikov, S.V. 68364
Moodie, D.G. *see* Gunning, P. 65342
Moodie, D.G. *see* Gunning, P. 78710
Moodie, D.G. *see* Guy, M.J. 78654
Moodie, D.G. *see* Guy, M.J. 78708
Moodie, D.G. *see* Westbrook, L.D. 109645
Moody, A. Correction of land-cover area estimates from low spatial resolution remotely sensed data 111134
Moody, E. *see* Radford, W. 100114
Moody, J.C. *see* Strain, R.C. 70396
Moody, J.C. *see* Strain, R.C. 120648
Moody, M. *see* Cao, Y. 86127
Moody, M.V. *see* Canavan, E.R. 111155
Moody, M.V. *see* Shirron, P.J. 111156
Moog, E.R. *see* Gluskin, E. 89785
Moohee Lee, Tae-Kyung Park, Seung-Wook Eom, Gun-Sup Go, Joung-Sook Cho A construction note on a handy phase shifter operating at radio frequencies 83274
Mooho Cho *see* Kwangsik Kim 68223
Mooi Choo Chuah, On-Ching Yue, DeSimone, A. Performance of two TCP implementations in mobile computing environments 77737
Mooij, J.E. *see* Mur, L.C. 106692
Mooij, J.E. *see* Wallage, S. 83412
Mooij, W.P.G. Crossing the digital CATV network boundary 119460
Moojong Lim *see* Byoungchoo Park 76158
Mook Kim Jae *see* Jae Mook Kim
Mookerjee, S. *see* Aggarwal, M.M. 69839
Moolri, M. *see* Chaitanya Kumar, M.V. 68686
Moon, A. *see* Asakawa, M. 96555
Moon, A. *see* Fujita, M. 96451
Moon, B.R. Sampling rates, aliasing, and the analysis of electrophysiological signals 70166
Moon, C.Y. *see* Cho, K.C. 106538
Moon, E.E. *see* Smith, H.I. 115095
Moon, F.C. *see* Schonhuber, P. 115966
Moon, G.-W., Youn, M.-J. Push-pull quantum series resonant rectifier without start-up inrush current 104298
Moon, G.W. *see* Baik, I.C. 121456
Moon, H. *see* Caves, J. 81271
Moon, J. *see* Busse, L.E. 106787
Moon, J. *see* Nam, S.H. 61338
Moon, J. *see* Shafiee, H. 84831
Moon, J. *see* Weining Zeng 84830
Moon, J.I., Paik, J.K. A study on improving iterative image restoration 86556
Moon, J.T. *see* Kim, Y.J. 114914
Moon, J.T. *see* Yeo, J.-H. 115069
Moon, J.T. *see* Yeo, J.-H. 115070
Moon, J.W., Lee, H.W., Kang, H.G., Kim, J.D., Kim, G.D., Lee, I.L.L. Fabrication of electrode/electrolyte layer with novel microstructure using artificial pore former 81778
Moon, J.Y. *see* Chai, J.S. 100809
Moon, M. Digital radio supports wireless communications at 1996 Olympic Games 78376
Moon, R. *see* Sheats, J.R. 116244
Moon, S.C. *see* Lee, T.G. 115071
Moon, S.H. *see* Oh, B. 115932
Moon, S.H. *see* Park, H.J. 106697
Moon, S.W., Mann, C.M., Maddison, B.J., Turcu, I.C.E., Allot, U., Hug, S.E., Lisi, N. Terahertz waveguide components fabricated using a 3D X-ray microfabrication technique 104800
Moon, S.W. *see* Suh, S.H. 72791
Moon, S.Y. *see* Kim, H.O. 60933
Moon, T.H. *see* You, Y.H. 77701
Moon, T.K. Wavelets and lattice spaces 66353
Moon, T.K. Similarity methods in signal processing 66692
Moon Bum-Ki *see* Bum-Ki Moon
Moon Byeong Yeon *see* Byeong Yeon Moon
Moon Byung Ro *see* Byung Ro Moon
Moon Byung-Sik *see* Byung-Sik Moon
Moon Chae-Joo *see* Chae-Joo Moon
Moon Gun-Woo *see* Gun-Woo Moon
Moon Hee-Sung *see* Hee-Sung Moon
Moon Ho Lee *see* Chong Il Bang 66260
Moon Ho Lee *see* Eunsung Lim 117783
Moon Ho Lee *see* Hwe Ihn Chung 67465
Moon Ho Lee *see* Sehun Kim 118981
Moon HoWon *see* HoWon Moon
Moon Jae-Duk *see* Jae-Duk Moon
Moon Jaekyun *see* Jaekyun Moon
Moon Jong-Ha *see* Jong-Ha Moon
Moon Jung Chung, Carmichael, L., Dukes, M. Managing a RASSP design process: a mid-program review 104566
Moon Key Lee *see* Seung Hyun Nam 73433
Moon Ki-Seok *see* Ki-Seok Moon
Moon Kyo Ho *see* Kyo Ho Moon
Moon Phil joo *see* Phil joo Moon
Moon Pun Ng *see* Ng Moon Pun
Moon Sang Kang *see* Jae Yeong Kim 94899
Moon Sang-Jae *see* Sang-Jae Moon
Moon Sang-Jun *see* Sang-Jun Moon
Moon seog Jun *see* Jeong hyun Yi 67540
Moon Seung-Ill *see* Seung-Ill Moon
Moon Soo Park, Tae Yeoul Yun, Chang Sup Shim First BER measurements of optical receiver employing lossy noise matching network 68352
Moon Suck-Joong *see* Suck-Joong Moon
Moon Suhk Suh *see* Keunjoo Kim 74606
Moon Un-Chul *see* Un-Chul Moon
Moon Un-Ku *see* Un-Ku Moon
Moon Yong *see* Yong Moon
Moon Yong Lee *see* Kyeong Koo Chi 74552
Moon Yong Lee *see* Won Jong Yoo 74562
Moon Yongwoon *see* Yongwoon Moon
Moon Young Shik *see* Young Shik Moon
Moon Young-Hwan *see* Young-Hwan Moon
Moon Young-Hyun *see* Young-Hyun Moon
Moon Youngchan *see* Youngchan Moon
Moon Yung Hyun *see* Yung Hyun Moon
Moon-Deock Kim, Hae-Sung Park, Bong-Jin Kim, Jeong-Keun Ji, Eun-Soon Oh, Sang-Dong Lee, Tae-Il Kim Room-temperature continuous-wave operation of blue-green laser diodes 85487
Moon-Gun Choi *see* Yong Gun Shul 85653
Moon-Hae Son *see* Jei-Hwan Yoo 73371
Moon-Ho Jo *see* Min-Gu Kang 94815
Moon-Ho Kye *see* Eun-Soo Kim 121625
Moon-Ho Park, Wang, L.C., Cheng, J.Y., Deng, F., Lau, S.S., Palmstrom, C.J. Pd/Zn/Pd ohmic contact to p-InP 105446
Moon-Ho Park, Wang, L.C., Hwang, D.M. Microstructural analysis of the Ge/Pd(Zn) ohmic contact to p-InP 63104
Moon-Hoo Kye *see* Eun-Soo Kim 71440
Moon-Kyun Oh, Seung-Hee Kim, Jong-Tai Lee, Han Kyoung Kim A control scenario for distribution services in ATM network 87864
Moon-Que Lee, Sangwook Nam Efficient coupling patterns design of miniaturized dielectric filter using EM simulator and EPO technique 83196
Moon-Soo Park *see* Jae-Ho Song 99533
Moon-Won Park *see* Yeong-Dae Kim 72240
Moon-Yee Wang *see* Vasseghi, N. 73439
Moon-Young Choi, Go Nagatani, Way, J., Stork, E.J. KidSat: youth enhancing space 112777
Moonen, C.T.W. *see* Guoying Liu 70090
Moonen, J.R. *see* Dobinson, R.W. 90233
Moonen, M. A systolic array for recursive least squares computations: mapping directionally weighted RLS on an SVD updating array 97796
Mooney, J.E., Riggs, L.S., Baginski, M.E. The electrostatic characterization of an n-element planar array using the singularity expansion method 117077
Mooney, J.M., Shepherd, F.D. Characterizing IR FPA nonuniformity and IR camera spatial noise 79554
Mooney, J.M. *see* Shepard, F.D. 69155
Mooney, V.J., III, Coelho, C.N., Jr., Sakamoto, T. Synthesis from mixed specifications 113674
Moonho Lee, Youngsong Mun, Byung-gi Kim Performance analysis of delay-loss priority mechanism using Markov modulated arrival stream 77674
Moonho Lee, Youngsong Mun, Byung-Gi Kim A buffer management scheme for ATM traffic with delay and loss priorities 98388
Moonho Lee, Youngsong Mun, Byung-Gi Kim Performance analysis of a traffic handling scheme for mixed media mobile cellular systems 118893
Moonier, P.A. *(editor)* 1995 IEEE Nuclear Science Symposium and Medical Imaging Conference Record (Cat. No.95CH35898) 82097
Moonja Kim *see* Soran Ine 118431
Moons, E., Bruening, M., Shanzer, A., Beier, J., Cahen, D. Electron transfer in hybrid molecular solid-state devices 74479
Moons, E., Gal, D., Beier, J., Hodes, G., Cahen, D., Kronik, L., Burstein, L., Mishori, B., Shapira, Y., Hariskos, D., Schock, H.W. Effect of air annealing on the electronic properties of CdS/Cu(In,Ga)Se$_2$ solar cells 121882
Moons, E. *see* Gal, D. 105135
Moons, T. *see* Pollefeys, M. 86793
Moons, T. *see* Van Gool, L. 67272
Moons, T. *see* Van Gool, L. 86395
Moor, B.De *see* De Moor, B.
Moor, G.De *see* De Moor, G.
Moor, P.De *see* De Moor, P.
Moorching, S.N. *see* Mallikarjunappa, K. 81409
Moorcroft, D.R. A statistical study of UHF auroral backscatter at large magnetic aspect angle: a reanalysis of unpublished results from 1968 85863
Moorcroft, D.R. Flow angle effects in E region 398-MHz auroral backscatter at small aspect angle 116915
Moore, A. *see* Swirhun, S. 119223

Moore, A.H., Lent, B., Bonner, W.A. Fabrication of high power InGaAs/AlInGaAs strained SQW lasers on InGaAs ternary substrates 116492
Moore, A.J., Perez-Lopez, C. Fringe visibility enhancement and phase calculation in double-pulsed addition ESPI 107618
Moore, A.J., Perez-Lopez, C. Low-frequency harmonic vibration analysis with double-pulsed addition electronic speckle pattern interferometry 119922
Moore, A.J. *see* Lopez, J.M. 107632
Moore, B.J. Implementation issues impacting system designer utilization of wireless technologies 109129
Moore, B.J. *see* Rehder, R.H. 102614
Moore, B.T. *see* Scott, R.S. 75004
Moore, C.I. *see* Ting, A. 96478
Moore, D. Sticky issues with semiconductor processing tape 72271
Moore, D. *see* Addington, J.S. 85323
Moore, D. *see* Haque, A.S. 84199
Moore, D. *see* Kiriyama, T. 74882
Moore, D.F., Burgess, S.C., Chiang, H.-S., Klaubert, H., Shibaike, N., Kiriyama, T. Micromachining and focused ion beam etching of Si for accelerometers 74918
Moore, D.J. *see* Pieper, R.J. 67068
Moore, E. *see* Fleming, J.S. 90315
Moore, E.F. *see* Schmid, G.J. 120215
Moore, E.L. *see* Huguenin, G.R. 89158
Moore, G. TMN: Network management's golden thread 87599
Moore, G.J. *see* Zhang, Z. 119620
Moore, H.L., Jr., Shippell, R.J., Jr. Directed energy technologies; weaponization and barrier applications 120947
Moore, I. Why do we have practicals anyway?–a focus on the essential engineering skills 60492
Moore, I.N. *see* Eastment, J.D. 65842
Moore, J. *see* Koeppen, M. 61932
Moore, J. *see* Ling, H. 99625
Moore, J. *see* Smith, D.S. 69368
Moore, J.D. Applications of satellite imagery, visualizations and remote sensing in environmental science: an Earth systems science approach 103342
Moore, J.L. Use of telemedicine technology to conduct clinical medicine and health promotion classes at a remote location 90257
Moore, J.R., Dodgson, N.A., Travisi, A.R.L., Lang, S.R. Time-multiplexed color autostereoscopic display 100217
Moore, J.S., Wang, P.W., Liu, Y.J., Devadoss, C., Bharathi, P. Electroluminescent diodes from a single-component emitting layer of dendritic macromolecules 64963
Moore, J.T. *see* Gooley, T.D. 101659
Moore, K. *see* Briles, S. 101551
Moore, K. *see* Weitzel, C.E. 105835
Moore, K.E. *see* Allen, S.T. 62273
Moore, K.E. *see* Allen, S.T. 83381
Moore, K.E. *see* Allen, S.T. 106039
Moore, K.M. *see* Ganney, P.S. 90614
Moore, L. Lotus Notes: The '90s solutions for telecom carrier business expansion 87957
Moore, M.L., Weller, S.W. How we saved our critical legacy optics software from extinction 116175
Moore, N. *see* Butterworth, S.D. 107220
Moore, N.R. *see* Kolawa, E. 114488
Moore, P. *see* Murphy, C.M. 109748
Moore, P.D. A perfect pair: smart couplers and active WDMs offer quick relief for fiber congestion 119202
Moore, P.D.R., Boarder, J. Business development–a system approach 60543
Moore, P.J., Aggarwal, R., Bo, Z.Q., Johns, A. Comparison of the distance protection algorithms for EHV power cable 111661
Moore, P.J., Aggarwal, R.K., Bo, Z., Johns, A.T. Modelling and simulation of the fault transient phenomenon of a EHV power cable with a view to developing a new protection scheme 102164
Moore, P.J., Whittard, R., Johns, A.T. A novel earth fault location technique utilising single ended measurements 102323
Moore, P.J. *see* Bo, Z.Q. 102069
Moore, P.J. *see* Lidgey, S.M.I. 111939
Moore, P.M. *see* Craig, A.D. 102071
Moore, P.M. *see* Craig, A.D. 111474
Moore, P.W.B. *see* Gaunaurd, G.C. 88730
Moore, R. *see* Allen, R.L. 63305
Moore, R. *see* Kumar, R. 69937
Moore, R. *see* Putz, N. 96067
Moore, R.A. *see* Panwar, O.S. 104143
Moore, R.K., Beh, B., Song, S. Scanning for a satellite Radar Wind Sounder (RAWS) 120772
Moore, R.K., Kambhammettu, N., Song, S. Correcting SeaWinds scatterometer measurements for atmospheric attenuation 120806
Moore, R.K., Mogili, A., Fang, Y., Beh, B., Ahamad, A. Rain measurement with SIR-C/X-SAR 120800
Moore, R.K. *see* Dyson, E. 112825
Moore, R.K. *see* Yujun Fang 111127
Moore, S.C., McIlvain, T.R., Kijewski, M.F. Compensation for Tc-99m contamination of TL-201 images in simultaneous dual-isotope SPECT: Effects of size of scattering medium 80234
Moore, T. Load monitoring enters the digital age 70996
Moore, T. The road ahead for EV batteries 71807
Moore, T. Industrial partnerships yield EPIC results 71929
Moore, T. Power applications for superconductivity 121178
Moore, T. *see* Ashkenazi, V. 79078
Moore, T. *see* Ashkenazi, V. 79079
Moore, T.A. *see* Hwang, G.S. 114912
Moore, T.G. A new algorithm for the formation of ISAR images 68545
Moore, T.R., Boyd, R.W. Three-dimensional simulations of stimulated Brillouin scattering with focused Gaussian beams 85680
Moore, W.B. *see* Mehlhorn, T.A. 69637
Moore, W.H. *see* Hebert, T.J. 90445
Moore, W.H. *see* Hebert, T.J. 101290
Moore, W.J. *see* King, S.E. 80063
Moore, W.J. *see* King, S.E. 101017
Moore, W.T., Mandeville, P., Streater, R.W., Miner, C.J. Device quality AlGaAs grown by chemical beam epitaxy 103960
Moores, J.D. Nonlinear compression of chirped solitary waves with and without phase modulation 65438
Moores, J.D., Hall, K.L., Wong, W.S. Optical pulse storage loops 106761
Moores, J.D. *see* Barry, R.A. 77948
Moorhead, I.R., Haig, N.D. A multiscale retinocortical model of contrast processing 108531
Moorhead, M.E., Tanner, N.W. Light-reflecting concentrators for photomultipliers with curved photocathodes 95909
Moorhead, M.E., Tanner, N.W. Optical properties of an EMI K_2CsSb bialkali photocathode 105082
Moorhead, R. *see* Trott, A. 86232
Moorsel, A.P.A.Van *see* Van Moorsel, A.P.A.
Moorthy, H.T., Lin, S., Kasami, T. Soft-decision decoding of binary linear block codes based on an iterative search algorithm 66477
Moorthy, N.Narayana *see* Narayana Moorthy, N.
Moorthy, P.N. *see* Tyagi, A.K. 75307
Moorthy, S.G. *see* Kumar, F.J. 61140
Moosa, M.S., Poole, K.F., Grams, M.L. EFSIM: an integrated circuit early failure simulator 115266
Moosburger, R. *see* Schuppert, B. 116096
Moose, C.A. *see* Tittmann, B.R. 82809
Mora, F., Merchant, J.W. Exploring the interannual variability of vegetation activity using multitemporal AVHRR NDVI imagery 111319
Mora, J. *see* Balcells, L. 110111
Mora, P. *see* Amiranoff, F. 79838
Mora, P. *see* Amiranoff, F. 89645
Mora, P. *see* Milchberg, H.M. 89584
Morabito, F.C., Campolo, M. A novel neural network approach in nondestructive testing 61467
Morabito, F.C., Campolo, M. A modular neural computation architecture related to real neural organizations for the solution of a pattern recognition problem 113624
Morabito, F.C., Coccorese, E. A neural network approach for the reduction of the dimensionality of slowly time-varying electromagnetic inverse problems 65632
Morabito, F.C., Coccorese, E. A fuzzy modeling approach for the solution of an inverse electrostatic problem 65660
Moraes, J.C.S., Bertolini, A., Carelli, G., Ioli, N., Moretti, A., Strumia, F. The $^{13}CH_3OH$ optically pumped far-infrared laser: new lines and frequency measurements 116296
Moraes, J.C.S. *see* Carelli, G. 75797
Moraes, R., Evans, D.H. Compensation for phase and amplitude imbalance in quadrature Doppler signals 70040
Moraga, C. *see* Wenjun Wang 73320
Moragues, J.M. *see* Sagnes, B. 114831
Morais, E.de *see* de Morais, E.
Morais, F. *see* Monteiro, J.L. 71731
Morais, J., Fazan, T.A., Landers, R., Sato, E.A.S. Ohmic contacts formation on n-InP 63117
Morais, J. *see* Jones, G., II 96129
Morais, J. *see* Sacilotti, M. 94476
Morais, T.D.De *see* De Morais, T.D.
Morakis, J.C., Miller, W.H. Bandwidth and modulation techniques under study by NASA 88691
Moral, J.B.Gomez del *see* Gomez del Moral, J.B.
Morales, A., Sung-Jea Ko Finding optimal convex grayscale structuring elements for morphological multiscale representation 76959
Morales, A. *see* Girard, T.A. 80093
Morales, A. *see* Sung-Jea Ko 77274
Morales, D., Pardo, L., Vajda, I. Uncertainty of discrete stochastic systems: general theory and statistical inference 113108
Morales, F. *see* Alvarez-Fregoso, O. 105159
Morales, G. *see* Clevenger, L.A. 74635
Morales, J., Perez Vicente, C., Santos, J., Tirado, J.L. Electrochemical characteristics of crystalline and amorphous SnS_2 in lithium cells 121860
Morales, J., Suarez, A., Artal, E., Quere, R. Global stability analysis of self-oscillating mixers 114277
Morales, J. *see* Girard, T.A. 80093
Morales, M.P., O'Grady, K. Effects of dispersion on interaction and orientation in barium ferrite tapes 106563
Morales, M.P., O'Grady, K., Betteridge, S., Dickson, D.P.E. Determination of out-of-plane orientation in barium ferrite media using Mossbauer spectroscopy 106569
Morales, M.P., O'Grady, K., Zhang, B., Bennett, W.R., Rauch, G.C. Interactions and reversal processes in CoCrTa/CoCrTaPt thin films 115601
Morales, R., Rodriguez, J., Palacios, S.L., Crespo, R.D., Fernandez, S., Guinea, A., Fernandez, J.M. Radiation losses by abrupt discontinuities in arbitrary planar optical waveguides 64733
Moralles, M. *see* Helene, O. 120241
Moran, A., LaBel, K., Gates, M., Seidleck, C., McGraw, R., Broida, M., Firer, J., Sprehn, S. Single event effect testing of the Intel 80386 family and the 80486 microprocessor 73461
Moran, A., LaBel, K., Gates, M., Seidleck, C., McGraw, R., Broida, M., Firer, J., Sprehn, S. Single event effect testing of the Intel 80386 family and the 80486 microprocessor 104597
Moran, A. *see* LaBel, K. 70337
Moran, A.K. *see* LaBel, K.A. 80570
Moran, A.K. *see* Seidleck, C.M. 111030
Moran, L., Oyarzun, R., Pastorini, I., Dixon, J., Wallace, R. A fault protection scheme for series active power filters 121106
Moran, L. *see* Dixon, J. 102843
Moran, M. *see* Bettati, R. 118531
Moran, M. *see* Oppliger, R. 78179
Moran, M.S. *see* Sano, E.E. 120816
Moran, S., Hurley, P.K., Mathewson, A. Test structure for investigating activated doping concentrations in polycrystalline silicon 114893
Moran, S. *see* Hurley, P.K. 115219
Moran, T.F. *see* Welton, R.F. 69691
Morand, P. Partnering with customers by capturing their voice 72178
Morand, Y. *see* Lerme, M. 84227
Morand, Y. *see* Vinet, F. 63491
Morand, Y. *see* Vinet, F. 84269
Morandi, C. *see* Boni, A. 93618
Morandi, R. *see* Conti, C. 72589
Morandin, M. *see* De Giorgi, M. 120221
Morando, M. *see* Antinori, F. 120156
Morano, R. *see* Amiranoff, F. 89645
Morant, C. *see* Holgado, S. 104149
Morante, J.R. *see* Costa, J. 94263
Morante, J.R. *see* Lopez-Lapena, O. 109324
Morante, J.R. *see* Marco, S. 110654
Morante, J.R. *see* Perez-Rodriguez, A. 94712
Morante, J.R. *see* Roura, P. 105168
Morante, J.R. *see* Serre, C. 61248
Morante, M., Cobo, A., Lopez-Higuera, J.M., Lopez-Amo, M. New approach using a bare fiber optic cantilever beam as a low-frequency acceleration measuring element 89138
Morar, R. *see* Rafiroiu, D. 76354
Moraru, A., Anghel, F. Voltage stresses in the insulation of the high-rating high-voltage transformer windings 102818
Morasca, S. *see* Schosser, A. 68368
Morash, R.T. "Written-Pole" motor-generator with integral engine provides no-battery ups 71260
Morash, R.T., Roesel, J.F., Jr. Written-Pole motor-generator with integral engine provides superior isolation, power conditioning and continuation uninterruptible power for weeks, eliminates batteries and harmonic feedback 91439
Morasni, F. *see* Avanzini, C. 90225
Morasso, P. *see* Firenze, F. 120403
Morasso, P. *see* Giuffrida, F. 119885
Moratilla, A., Benyon, R., Diaz De Aguilar, J., De Lucas, J. The role of INTA's international accreditation in supporting Spanish industrial metrology: past, present and future 79213
Moratti, S.C. *see* Baigent, D.R. 64982
Moratti, S.C. *see* Cacialli, F. 75759
Moratti, S.C. *see* Cervini, R. 72968
Moratti, S.C. *see* Grimsdale, A.C. 75702
Moratti, S.C. *see* Halls, J.J.M. 64901
Moratti, S.C. *see* Halls, J.J.M. 75723
Moratti, S.C. *see* Halls, J.J.M. 96024
Moraud, S., Verdeyme, S., Guillon, P., Latouche, Y., Vigneron, S., Theron, B. A new dielectric loaded cavity for high power microwave filtering 83322
Moraud, S. *see* Gendraud, S. 114205
Moravec, P. *see* Belas, E. 74237
Moravec, P. *see* Belas, E. 74607
Moraveji, F. A tiny, high-speed, wide-band, voltage-feedback amplifier stable with all capacitive load 113774
Moraveji, F., Musbah, M. A tiny, high-speed, voltage-feedback amplifier stable with all capacitive loads 61666
Morawska, Z., Bukat, K., Pienkowska, B. Test methods of solder alloys properties 83607
Morawski, A. *see* Pohoryles, B. 62664
Morawski, R.Z., Miekina, A., Barwicz, A. The use of deconvolution and iterative optimization for spectrogram interpretation 108284
Morawski, R.Z. *see* Kluk, P. 110107
Morawski, R.Z. *see* Miekina, A. 109975
Morawski, R.Z. *see* Shi Huang 69055
Morawski, R.Z. *see* Shi Huang 109973
Morawski, R.Z. *see* Szczecinski, L. 108391
Morawski, T. *see* Marczewski, W. 62157
Morazzani, V., Cantin, J.L., Ortega, C., Pajot, B., Rahbi, R., Rosenbauer, M., von Bardeleben, H.J., Vazsonyi, E. Thermal nitridation of p-type porous silicon in ammonia 94249
Morcan, G. *see* Lenihan, T. 114479
Morcan, G. *see* Schaper, L.W. 114485

Morche, D., Aubert, A., Andre, E., Balestro, F., Senn, P. A new multistage bandpass sigma-delta modulator 104632
Morched, A.S. *see* Iravani, M.R. 91033
Morchenko, A.T. *see* Gorelik, S.S. 64341
Morcoc, H. *see* Wook Kim 83855
Morcombe, P. *see* Dickey, C. 89932
Morcombe, P. *see* Litvinenko, V.N. 79873
Morcombe, P. *see* Litvinenko, V.N. 100537
Morcombe, P. *see* Ping Wang 100697
Morcombe, P. *see* Sachtschale, R.J. 89774
Morcos, M.M., Anis, H. On random line-to-neutral switching transients in transmission systems 70810
Morcos, M.M., Srivastava, K.D. Breakdown probability for a given test voltage in particle-contaminated GIS/GITL systems 102928
Morcos, V.H., Abdel-Hafez, O.M.E. Testing of an arrow-head vertical-axis wind turbine model 91403
Mordachev, V.I. *see* Loika, S.L. 88089
Mordaunt, K. *see* Chen, S. 63926
Mordecai, N., Huddleston, J. The effect of duty factor on the spalling behaviour of electroconductive ceramics during spark erosion 91983
Mordeson, J.N. Fuzzy intersection equations and primary representations 113149
Mordeson, J.N. *see* Eslami, E. 92471
Mordeson, J.N. *see* Shih-Chuan Cheng 113146
Mordkovich, V.N. *see* Aleshin, A.N. 94661
Mordonini, M. *see* Adorni, G. 117794
Mordvintsev, V.M., Levin, V.L. Mode of the appearance of a N-shaped stationary current-voltage characteristic of a nano-metal-insulator-metal diode with a carbon active medium 105521
More, B.M. *see* Deshmukh, L.P. 104082
More, B.M. *see* Deshmukh, L.P. 105526
More, B.M. *see* Deshmukh, L.P. 112177
Moreau, E., Thirion, N. Multichannel blind signal deconvolution using high order statistics 117511
Moreau, F., Gibert, D., Saracco, G. Filtering non-stationary geophysical data with orthogonal wavelets 70431
Moreau, H., Combes, P.F., Mametsa, H.J. Diffraction by a spherical cap insulated or placed on an infinite metallic plane: Use of asymptotic methods and of the principle of images 65808
Moreau, J.-F., Le Guern, H., Melki, P., Chabriais, J., Kinkel, K., Helenon, O. Teleteaching for medical education: why and how to do it 110647
Moreau, L. *see* Delignon, Y. 111104
Moreau, M.F. *see* Colin, A. 120278
Moreau, W. *see* Chen, K.R. 105805
Moreau, W. *see* Jordhamo, G. 105808
Moreau, Y., Pelanchon, F., Sudre, C. Barrier width of an irradiated junction 105269
Moreau, Y., Vandewalle, J. Prediction of dynamical systems with composition networks 108385
Moreau, Y. *see* Sudre, C. 105270
Moreaux, M. *see* Decotignie, J.-D. 87849
Moree, P. The incongruence of consecutive values of polynomials 113214
Moreels, J.P. *see* Vermeiren, Ph. 112241
Morega, M. Electric transformer leakage magnetic field electromagnetic forces 71397
Moreira, A., Mittermayer, J., Scheiber, R. Extended chirp scaling algorithm for air- and spaceborne SAR data processing in stripmap and ScanSAR imaging modes 111163
Moreira, A., Scheiber, R., Mittermayer, J. Azimuth and range scaling for SAR and ScanSAR processing 120712
Moreira, A., Spielbauer, R. Combining a subaperture and chirp scaling approach for real-time SAR processing 68564
Moreira, A. *see* Mittermayer, J. 120713
Moreira, A. *see* Yonghoug, H. 78988
Moreira, A.J.C., Valadas, R.T., de Oliveira Duarte, A.M. Characterisation and modelling of artificial light interference in optical wireless communication systems 88622
Moreira, A.L.N. *see* Hardalupas, Y. 89568
Moreira, A.N. *see* Saldanha, R.R. 62150
Moreira, F.A. *see* Kastrup, O. 121243
Moreira, F.J.S. Optimizing integrated-optics polarizers for maximum polarization isolation 95801
Moreira, J.R. *see* Coltelli, M. 111083
Moreira, J.R. *see* Fernandes, D. 111147
Moreira, J.R. *see* Lanari, R. 111161
Moreira, J.R. *see* Papathanassiou, K.P. 120716
Moreira, M.C. *see* do Prado, R.N. 122079
Moreira, M.V.B. *see* Correa F, J.A. 62764
Moreira, M.V.B. *see* Neves, B.R.A. 94874
Moreira, M.V.B. *see* Neves, B.R.A. 114702
Moreira, P. *see* Christiansen, J. 100975
Moreira de Castro, R., Jr. *see* Silva Sthel, M. 119631
Moreira-Tamayo, O., Pineda de Gyvez, J. Preprocessing operators for image compression using cellular neural networks 108167
Morel, C. *see* Delorme, S. 69791
Morel, D. *see* Ferekides, C.S. 112338
Morel, D.L. *see* Attar, G. 112369
Morel, D.L. *see* Oman, D.M. 112332
Morel, J., Woodtli, A., Dandliker, R. Characterization of the fluorescent lifetime of doped fibers by measuring the frequency transfer function 64689
Morel, J., Woodtli, A., Daniker, R. Characterization of the fluorescent lifetime of doped fibers by measuring the frequency transfer function 64712
Morel, J.-Y. *see* Bourcerie, M. 60873
Morel, P., Croisier, A. A wireless gateway for fieldbus 87837
Morel, P., Decotignie, J.-D. Integration of wireless mobile nodes in MAP/MMS 77989
Morel, P., Decotignie, J.-D. Integration of wireless mobile nodes in MAP/MMS 87784
Morel, P. *see* Nussbaum, G.H. 69995
Morel, R. *see* Cai, M. 75202
Morel, S. *see* Al-Jalili, Y.O. 76697
Moreland, J. *see* Hopkins, P.F. 84821
Moreland, K.W. *see* Lundborg, B. 99057
Moreland, K.W. *see* Serinken, N. 109341
Moreland, L.D., Schamiloglu, E., Lemke, R.W., Roitman, A.M. Detailed measurements showing the influence of the forward propagating wave and end reflections on the performance of relativistic backward wave oscillators 62627
Moreland, L.D., Schamiloglu, E., Lemke, R.W., Roitman, A.M., Korovin, S.D., Rostov, V.V. Enhanced frequency agility of high-power relativistic backward wave oscillators 105070
Moreland, L.D. *see* Abdallah, C. 105060
Moreland, L.D. *see* Abdallah, C. 105072
Moreland, L.D. *see* Agi, K. 104821
Moreland, W.K. *see* Gulliver, T.A. 76771
Morell, G. *see* Dobal, P.S. 116481
Morelli, A. *see* Mongiardo, M. 65938
Morelli, D. Create complex modulation schemes with an FPGA DDS 93167
Morelli, J. RF connectors today 114390
Morelli, M. *see* D'Andrea, A.N. 117149
Morelli, O. *see* Parpal, J.-L. 121168
Morelli, V. *see* Capasso, A. 112495
Morello, A. *see* Mignone, V. 109455
Morello, E. *see* Junge, G. 99421
Morello, G. *see* Delpiano, F. 99461
Morellon, L. *see* Kamarad, J. 64246
Morelos-Zaragoza, R., Kasami, T., Lin, S. Multilevel block coded 8-PSK modulations using unequal error protection codes for the Rayleigh fading channel 97450
Morelos-Zaragoza, R., Takeshita, O.Y., Imai, H. Coded modulation for satellite digital video broadcasting 119432
Morelos-Zaragoza, R.H., Kasami, T., Lin, S. Multilevel block coded 8-PSK modulation using unequal error protection codes for Rayleigh fading channels 66301
Morenc, N.P. MMICs for automotive radar applications 88698
Morenes, L. *see* Poveda, J. 99420
Moreno, E. *see* Area, F. 97371
Moreno, E. *see* Ares, F. 66008
Moreno, E. *see* Ares, F. 76646
Moreno, E. *see* Ares, F. 76663
Moreno, E. *see* Ares, F. 97354
Moreno, E. *see* Ares, F. 117059
Moreno, E.G. *see* Iniguez, B. 74749
Moreno, I., Gorecki, C., Campos, J., Yzuel, M.J. Comparison of computer-generated holograms produced by laser printers and lithography: application to pattern recognition 86976
Moreno, I., Kober, V., Lashin, V., Campos, J., Yaroslavsky, L.P., Yzuel, M.J. Whitening preprocessing of color components for pattern recognition 117707
Moreno, I. *see* Garcia-Martinez, P. 117535
Moreno, J.C., Nilsen, J., Yuelin Li, Peixiang Lu, Fill, E.E. Two-dimensional near-field images of the neonlike germanium soft-X-ray laser 75818
Moreno, J.C. *see* Artigas, J.I. 77106
Moreno, J.M. *see* Madrenas, J. 104770
Moreno, L., Merino, J., Pineiro, J.D., Sanchez, J.L., Sigut, J., Vera, G. Real-time DSP application for EEG/EP signal processing 101351
Moreno, L. *see* de la Escalera, A. 100313
Moreno, M. *see* Garces, I. 64751
Moreno, O., Golomb, S.W., Corrada, C.J. Extended sonar sequences 68710
Moreno, O. *see* Helleseth, T. 66369
Moreno, O. *see* Helleseth, T. 76789
Moreno, O. *see* Janwa, H. 66480
Moreno, O. *see* Janwa, H. 97464
Moreno, O. *see* Maric, S.V. 119187
Moreno, P., Najera, S. Mexico goes for full scale network automation [power system SCADA] 111554
Moreno, P. *see* Olsen, R.G. 107934
Moreno, R. *see* Aparisi, A. 62763
Moreno, R. *see* Molla, J. 95240
Moreno, R.Luiz *see* Luiz Moreno, R.
Moreno, W.A., Lee, R., Saini, N., Acon, O. Laser processing for electronic circuit restructuring 94835
Moreno, W.A., Saini, N., Acon, O. System integration for laser restructuring 63838
Moreno-Cadenas, J. *see* Flores-Nava, L.M. 104759
Moreno-Cantu, J.J. *see* Picard, Y. 101101
Moreno-Eguilaz, J.M. *see* Cipolla-Ficarra, M. 121935
Morente, J.A. *see* Gallego, A. 78957
Morente, J.A. *see* Ruiz, D.P. 66751
Morenza, J.L. *see* Sanchez, F. 94728
Moreo, J.Toledo *see* Toledo Moreo, J.
Morera, J.L. *see* Jodar, L. 113244
Moreshead, W., Nogues, J.-L., Howell, L., Bing Fu Zhu Replication of diffractive optics in silica glass 95917
Moretti, A. *see* Carelli, G. 75797
Moretti, A. *see* Moraes, J.C.S. 116296
Moretti, A. *see* Popovic, M. 89705
Moretti, F. *see* Bertolotti, M. 96717
Moretti, P.F. *see* Cacciani, A. 64830
Moretti, S., Alessandri, F., Sorrentino, R. Field theory design of a novel circular waveguide dual-mode filter 114215
Moretto, L. Staying on track with communication technology–making effective presentations using an LCD panel 112818
Morey, W.W. Fiber optic grating technology 75449
Morey, W.W., Meltz, G., Weiss, J.M. Recent advances in fiber grating sensors for utility industry applications 79479
Moreyne, M. Visual Communication Network–a real time electronic passenger information and communication system 98905
Morf, R.H. *see* Heine, C. 85247
Morf, T., Brys, C., Pollentier, I., De Dobbelaere, P., Van Daele, P., Demeester, P., Bachtold, W. Noise investigations on MESFETs transplanted by epitaxial lift off 84470
Morf, T., Brys, C., Van Daele, P., Demeester, P., Benedickter, H., Bachtold, W. RF and 1/f noise investigations on MESFETs and circuits transplanted by epitaxial lift off 106242
Morf, T. *see* Biber, C. 114287
Morfey, C.L. *see* Holland, K.R. 109962
Morfouli, P., Ghibaudo, G., Ouisse, T., Vogel, E., Hill, W., Misra, V., McLarty, P., Wortman, J.J. Low-frequency noise characterization of n- and p-MOSFET's with ultrathin oxynitride gate films 94968
Morfouli, P., Ghibaudo, G., Ouisse, T., Vogel, E.M., Hill, W.L., Misra, V., McLarty, P., Wortman, J.J. Noise analysis of MOSFET's with ultra thin silicon oxinitride films prepared by low pressure rapid thermal chemical vapor deposition (LPRTCVD) 94960
Morfouli, P., McLarty, P., Misra, V., Hauser, J., Wortman, J.J., Ouisse, T., Ghibaudo, G. Noise analysis of Si-MOSFETs with gate oxides deposited by low pressure RTCVD 63668
Morfouli, P. *see* Vogel, E.M. 63658
Morgado, A.M.L.S., Simoes, J.B., Correia, C.M. Baseline restoration using current conveyors [nuclear spectrometry systems] 90217
Morgado, A.M.L.S., Simoes, J.B., Correia, C.M. Baseline restoration using current conveyors 100946
Morgado, A.M.L.S. *see* Simoes, J.B. 90210
Morgado, A.M.L.S. *see* Simoes, J.B. 100943
Morgado, R.E. *see* Dias, T.H.V.T. 80068
Morgado, R.E. *see* dos Santos, J.M.F. 74084
Morgado, R.E. *see* dos Santos, J.M.F. 100834
Morgado, R.E. *see* dos Santos, J.M.F. 101016
Morgan, B. Insights into proper return path alignment [CATV] 119471
Morgan, B.A., Ring, K.M., Kavanagh, K.L., Talin, A.A., Williams, R.S., Yasuda, T., Yasui, T., Segawa, Y. Role of interface microstructure in rectifying metal/semiconductor contacts: ballistic electron emission observations correlated to microstructure 63122
Morgan, C.A. *see* Pikin, A.I. 90064
Morgan, C.J., Takala, J., DeBacker, D., Sukuvaara, T., Kari, A. Definition and detection of alarms in critical care 110876
Morgan, D. Multiresolution signal analysis and wavelet decomposition 97681
Morgan, D. Polyphase systems 117372
Morgan, D.P. Reflective array modelling for SAW transducers 106420
Morgan, D.P. Cascading formulas for identical transducer P-matrices 111353
Morgan, D.P. *see* Fagerholm, J. 106444
Morgan, D.R. Military avionics twenty years in the future 70393
Morgan, D.R., Kratzer, S.G. On a class of computationally efficient, rapidly converging, generalized NLMS algorithms 97666
Morgan, D.V., Salehi, A., Aliyu, Y.H., Bunce, R.W. Electro-optical characteristics of indium tin oxide (ITO) films: effect of thermal annealing [solar cells] 71707
Morgan, D.V. *see* Aliyu, Y.H. 64965
Morgan, D.V. *see* Morgan, S.P. 63095
Morgan, D.V. *see* Thomas, H. 105982
Morgan, G. *see* Greene, A. 90033
Morgan, G. *see* Gupta, R. 90038
Morgan, G. *see* Gupta, R. 95577
Morgan, G. *see* Morgillo, A. 100448
Morgan, G. *see* Thompson, P. 100412
Morgan, G. *see* Wanderer, P. 89783
Morgan, G.J., Okumu, J. Electron confinement in a-Si:H and an effective-mass theorem for amorphous semiconductors 74110
Morgan, G.L. *see* Hughes, R.J. 97510
Morgan, G.P. *see* Daly, E. 114747
Morgan, I. *see* Mahanpour, M. 92279
Morgan, J. *see* Burns, D. 105911
Morgan, J. *see* Olivieri, D.N. 89694
Morgan, J.M., Baillie, S.W. ASRA–a new tool for in-flight simulation. Current status and actuation studies 120600

Morgan, K. Managing intelligent network services for the customer 109187
Morgan, K., Hassan, O., Peraire, J. A time domain unstructured grid approach to the simulation of electromagnetic scattering in piecewise homogeneous media 85850
Morgan, K. *see* Twist, P. 67661
Morgan, M.A. *see* Robertson, R.C. 97325
Morgan, M.G., Talukdar, S. Nurturing R&D in the new electric power regime 90987
Morgan, N. *see* Bourlard, H. 76868
Morgan, N. *see* Bourlard, H. 86136
Morgan, O.W. *see* Hunter, A.G. 103197
Morgan, R. *see* Li, F. 111542
Morgan, R. *see* Song, Y.H. 90938
Morgan, R. *see* Xuan, Q.Y. 91213
Morgan, R. *see* Xuan, Q.Y. 102039
Morgan, R. *see* Zou, Y. 65330
Morgan, R.A., Lehman, J.A., Hibbs-Brenner, M.K. Vertical-cavity surface-emitting lasers come of age 96304
Morgan, R.A. *see* Catchmark, J.M. 65353
Morgan, R.A. *see* Cheng, Y.M. 96435
Morgan, R.A. *see* Guenter, J.K. 96310
Morgan, R.A. *see* Hawthorne, R.A., III 96434
Morgan, R.A. *see* Herrick, R.W. 96312
Morgan, R.A. *see* Wong, Y.M. 119220
Morgan, R.B. Guidelines for transformer application designs 102793
Morgan, R.B. Guidelines for installing transformers. II 102794
Morgan, R.B. What to know about variable-voltage transformers 102795
Morgan, R.B. On restarting the Arnoldi method for large nonsymmetric eigenvalue problems 103762
Morgan, R.B. Guidelines for installing transformers. I 121530
Morgan, R.B. *see* Monz, L.B. 91791
Morgan, S., De Munari, I., Scorzoni, A., Fantini, F., Magri, G., Zaccherini, C., Caprile, C. Test structures for electromigration evaluation in submicron technology 115016
Morgan, S.P., Morgan, D.V. An ion-assisted deposition system for use in the fabrication of submicron dimension device ohmic contacts 63095
Morgan, W.F. *see* Hull, A.B. 70323
Morgan-Fletcher, S., McKenzie, A.L. How can the co-ordinate transformation method of beam matching be extended to include separately labelled collimators? 90580
Morganson, S. *see* Tang, L. 91153
Morgante, G. *see* Dall'Oglio, G. 109843
Morganti, F. Investments in convergence: will they return one day? 79177
Morgavi, G. *see* Belhaire, E. 114178
Morgenstern, B. *see* Wilk, J. 104742
Morgenstern, T. *see* Ehwald, K.-E. 82665
Morgenstern, T. *see* Heinemann, B. 84332
Morgenstern, T. *see* Schoisswohl, M. 94440
Morgenstern, Th. *see* Kuhne, H. 103836
Morgenstjerne, A. *see* Clausen, S. 119915
Morgenthaler, J.D. *see* Hu, T.C. 103668
Morgera, S.D. *see* Ning Guo 68089
Morgera, S.D. *see* Ning Guo 87985
Morgillo, A., Escallier, J., Ganetis, G., Greene, A., Ghosh, A., Jain, A., Kelly, E., Marone, A., Morgan, G., Muratore, J., Sampson, W., Thompson, P., Wanderer, P.J., Willen, E. Superconducting 8 cm corrector magnets for the Relativistic Heavy Ion Collider (RHIC) 100448
Morgillo, A. *see* Greene, A. 90033
Morgner, U., Rolefs, L., Mitschke, F. Dynamic instabilities in an additive-pulse mode-locked Nd:YAG laser 96209
Morgner, U., Rolefs, L., Steinmeyer, G., Mitschke, F.M. Dynamical instabilities in an additive-pulse-modelocked Nd:YAG laser 107212
Morgunov, V. *see* Belogurov, S. 100855
Morhain, C. *see* Triboulet, R. 74183
Mori, E. *see* Watanabe, Y. 101603
Mori, E. *see* Watanabe, Y. 111403
Mori, E.J. *see* Lebens, J.A. 114900
Mori, H. Trend in optical telecommunications and related measuring instruments 68366
Mori, H. Fuzzy inference based identification of load characteristics 120965
Mori, H., Sakata, H. Oxygen gas-sensing properties of V_2O_5-Sb_2O_3-TeO_2 glass 119755
Mori, H., Tachikawa, M., Yamada, T., Sasaki, T. Surface of GaAs/Si observed by atomic force microscopy 62754
Mori, H. *see* Charkari, N.M. 77095
Mori, H. *see* Ezumi, M. 115054
Mori, H. *see* Henmi, Y. 119387
Mori, H. *see* Ito, S. 71581
Mori, H. *see* Ito, S. 102900
Mori, H. *see* Kainuma, S. 101552
Mori, H. *see* Kawase, Y. 71582
Mori, H. *see* Kawase, Y. 93978
Mori, H. *see* Kondo, Y. 73593
Mori, H. *see* Kotani, S. 77098
Mori, H. *see* Kotani, S. 77385
Mori, H. *see* Okabayashi, H. 115007
Mori, H. *see* Onodera, M. 89446
Mori, H. *see* Sakaguchi, M. 74542
Mori, H. *see* Yamada, T. 96403
Mori, H. *see* Yasutomi, S. 77097
Mori, J. *see* Neba, Y. 71522
Mori, J. *see* Neba, Y. 71524
Mori, J. *see* Neba, Y. 71525
Mori, J. *see* Neba, Y. 121952
Mori, K. *see* Itoh, M. 95454
Mori, K. *see* Itoh, M. 95616
Mori, K. *see* Kikuchi, M. 106704
Mori, K. *see* Kobayashi, M. 89372
Mori, K. *see* Miyamoto, I. 116791
Mori, K. *see* Nakayama, M. 83431
Mori, K. *see* Suemasu, T. 106100
Mori, K. *see* Yamauchi, K. 88284
Mori, L. *see* Albrecht, P. 75501
Mori, M., Hayasaki, Y., Tohyama, I., Watanabe, M., Yatagai, T. Character recognition with optical neural network using reversal input superposing technique 86992
Mori, M., Kikuchi, A., Kishino, K. Characterization of GaN grown with a high growth rate by RF-radical source molecular beam epitaxy 104059
Mori, M., Kizaki, Y., Saito, M. Au-Al solid phase diffusion flip chip bonding 114470
Mori, M., Yamamoto, T., Itoh, H., Abe, T. Sintering mechanisms and thermal expansion behavior for stoichiometric doped lanthanum chromites under reducing environment 81839
Mori, M. *see* Arima, H. 86993
Mori, M. *see* Hayasaki, Y. 85187
Mori, M. *see* Higuchi, K. 63773
Mori, M. *see* Itoh, H. 81815
Mori, M. *see* Naoi, K. 121843
Mori, M. *see* Ono, H. 83373
Mori, M. *see* Sakano, J. 105930
Mori, M. *see* Shimizu, A. 90478
Mori, M. *see* Singh, B.P. 107408
Mori, M. *see* Yamamoto, T. 81774
Mori, N. *see* Buhmann, H. 63550
Mori, N. *see* Geim, A.K. 63812
Mori, N. *see* McDonnell, P. 63823
Mori, N. *see* Maekawa, K. 92555
Mori, N. *see* Wang, J. 63549
Mori, N. *see* Wang, J. 63553
Mori, N. *see* Yamamoto, T. 81774
Mori, R., Kumagai, Y., Tanaka, M., Yamamoto, M., Hasegawa, F. Stability of Si(111)$\sqrt{3}\times\sqrt{3}$R30°-B surface in air 63341
Mori, R. *see* Kumagai, Y. 61225
Mori, R.De *see* De Mori, R.
Mori, S., Majumdar, G., Shirasawa, T., Tanaka, T., Marumo, T. A high-voltage, high-capacity IPM with a built-in active clamp 81964
Mori, S., Watanabe, T., Adachi, K., Fukushima, T., Uda, K., Sato, Y. Investigation of substrate-effect in chemically amplified resist 105766
Mori, S. *see* Adachi, K. 111402
Mori, S. *see* Asano, Y. 69759
Mori, S. *see* Atsumi, S. 73349
Mori, S. *see* Ehara, N. 78960
Mori, S. *see* Enokizono, M. 96915
Mori, S. *see* Hazumi, M. 100854
Mori, S. *see* Koh, M. 74721
Mori, S. *see* Nakanishi, Y. 64953
Mori, S. *see* Niioka, A. 71961
Mori, S. *see* Ohtsuki, T. 68390
Mori, S. *see* Ohtsuki, T. 87371
Mori, S. *see* Ohtsuki, T. 117131
Mori, S. *see* Ohtsuki, T. 118071
Mori, S. *see* Saba, T. 68054
Mori, S. *see* Saba, T. 88094
Mori, S. *see* Sameshima, H. 100173
Mori, S. *see* Shinoda, K. 114161
Mori, S. *see* Shinoda, K. 121704
Mori, S. *see* Takahashi, K. 114120
Mori, S. *see* Takeda, T. 86991
Mori, S. *see* Tanii, T. 73372
Mori, S. *see* Tsuboyama, T. 100836
Mori, S. *see* Ue, M. 81700
Mori, S. *see* Yamamoto, H. 84868
Mori, T., Eda, H., Yamamoto, Y., Suzuki, K., Nakamura, H., Arai, C. Powder-metallurgical giant magnetostrictive material and its application to actuators–development of magnetostrictive pump 95389
Mori, T., Imai, H. Viterbi decoding considering synchronization errors 117167
Mori, T., Inaba, M., Inoue, H. Visual tracking based on cooperation of multiple attention regions 86774
Mori, T., Miyazawa, T., Chiba, T., Tange, M. Connection product between WWW and OLTP system 118327
Mori, T., Nishio, M. Network operation processes and implementation technologies for operation systems 109192
Mori, T., Obata, K., Mizutani, T. Actual emitting region in organic electroluminescent diodes with multilayer structure 85316
Mori, T., Ohashi, H., Mizoguchi, H., Suzuki, K. Investigation of technology for developing large capacity and compact size GCB 121798
Mori, T., Rathore, A., Eda, H., Yamamoto, Y. Magnetostrictive vibration sensor 119647
Mori, T., Shinozaki, I. Analysis of ESD immunity of electronic equipment based on ground potential variations 65665
Mori, T., Wada, Y., Hayashi, T., Kakizoe, M., Matsumoto, F., Masuda, S. A new interruption method for low-voltage, high-capacity, air-break contactors through suppression of hot blowoff gases 102890
Mori, T. *see* Banmongkol, C. 64144
Mori, T. *see* Hotta, E. 110511
Mori, T. *see* Ishii, O. 64309
Mori, T. *see* Kawakaki, H. 86336
Mori, T. *see* Kuroda, T. 104515
Mori, T. *see* Matsumura, N. 74167
Mori, T. *see* Murata, T. 66792
Mori, T. *see* Nitta, K. 121799
Mori, T. *see* Toyama, J. 89410
Mori, T. *see* Wirner, C. 105860
Mori, T. *see* Yokoyama, N. 63824
Mori, T.Y., Suzuki, S., Yasuno, T. Structure and motion of 3D moving objects from multi-views 86828
Mori, W.B., Katsouleas, T., Lai, C.H., Muggli, P., Liou, R.L., Brogle, R., Dawson, J.M. A DC to AC radiation converter based on plasma ionization 62598
Mori, W.B., Tzeng, K.-C., Decker, C.D., Clayton, C.E., Joshi, C., Katsouleas, T., Lai, P., Chiou, T.C., Kinter, R. Theory and simulation of plasma accelerators 89678
Mori, W.B. *see* Decker, C.D. 79843
Mori, W.B. *see* Katsouleas, T. 100571
Mori, W.B. *see* Lai, C.H. 89646
Mori, W.B. *see* Leemans, W.P. 79840
Mori, Y., Nakajima, S., Miyamoto, A., Inagaki, M., Sasaki, T., Yoshida, H., Nakai, S. Generation of ultraviolet light by using new nonlinear optical crystal $CsLiB_6O_{10}$ 85615
Mori, Y., Sakurai, A. Integral features using random templates and evolutionary method for image recognition 87256
Mori, Y., Sasaki, T. $CsLiB_6O_{10}$ crystal: growth and properties 96681
Mori, Y., Takagi, A., Kinsho, M., Baba, T., Shinto, K. A low energy ion beam transport system with variable field permanent magnetic quadrupoles 100701
Mori, Y., Yoshikawa, M. Micromachining of CVD diamond film using a focused ion beam 115391
Mori, Y. *see* Bhar, G.C. 116655
Mori, Y. *see* Fukumitsu, N. 90322
Mori, Y. *see* Jiang, N. 94233
Mori, Y. *see* Kinsho, M. 120078
Mori, Y. *see* Kitajima, K. 65361
Mori, Y. *see* Machida, S. 79814
Mori, Y. *see* Mimura, A. 84604
Mori, Y. *see* Miyamoto, A. 95633
Mori, Y. *see* Nakayama, N. 96031
Mori, Y. *see* Sakai, I. 100718
Mori, Y. *see* Sasaki, T. 76260
Mori, Y. *see* Shinto, K. 90092
Mori, Y. *see* Won, J.H. 61374
Mori, Y. *see* Yap, Y.K. 107609
Mori, Y. *see* Zelenski, A.N. 90070
Moriarty, P. *see* Dunn, A.W. 84179
Moribe, N. *see* Higashida, Y. 110730
Moribe, T., Kozuka, T., Kato, A. New type LV spot network power receiving and transforming equipment 120974
Morici, R., Rossi, C., Tonielli, A., Peresada, S. Adaptive output feedback control of current fed induction motor–a rotating reference frame approach 71313
Morie, T., Uchimura, K. A pattern-pass-filter using a Hopfield network which learns synchronization between signals 66858
Morier-Gemoud, F. *see* Kiener, C. 62980
Morier-Genoud, F. *see* Tschirner, B.M. 62945
Morifuji, M., Taniguchi, K., Hamaguchi, C. Interband tunneling of holes through single-barrier nanostructures 105255
Morifuji, M. *see* Kunikiyo, T. 74096
Morifuji, M. *see* Nagasawa, H. 63562
Morigaki, K. *see* Nonomura, S. 94382
Morigaki, K. *see* Takeda, K. 94404
Morigaki, K.-I., Kabuto, N., Yoshino, K., Ohta, A. Surface analysis of the lithium electrode in organic electrolytes by AFM and SAM 112218
Morigami, M., Yamashita, Y., Nishino, J., Yamaoka, Y., Nakao, M. Down to 1.1 μm pattern replication in synchrotron radiation lithography 94866
Moriglioni, M. *see* Fornari, R. 61158
Moriguchi, I. *see* Fukumi, T. 76236
Moriguchi, T. *see* Isobe, H. 84724
Morihiro, M. *see* Jinguji, M. 109193
Morii, M., Tanigawa, K., Sasano, H. Improved Cedervall-Johannesson algorithm for computing the distance spectrum of convolutional codes 76808
Morii, M. *see* Kashihara, T. 103148
Morii, M. *see* Mohri, M. 66396
Morii, T. *see* Koike, N. 113797
Morii, T. *see* Tanaka, N. 109282
Morii, Y. *see* Oshita, E. 96437
Morii, Y. *see* Sato, K. 100751
Moriizumi, K. *see* Nakao, H. 105750
Moriizumi, T. *see* Asari, Y. 89197
Moriizumi, T. *see* Hyung-Ki Hong 119778
Moriizumi, T. *see* Ide, J. 119610
Moriizumi, T. *see* Ishida, H. 79589
Moriizumi, T. *see* Ishida, H. 119768
Moriizumi, T. *see* Nakamoto, T. 69360
Moriizumi, T. *see* Saitou, A. 79373
Morik, G. *see* Koever, A. 69873
Morik, Gy. *see* Rajta, I. 100383
Morikawa, H., Mizumachi, M. Microcellular packet TDMA with time-slot assignment and site diversity 68312
Morikawa, H. *see* Hara, Y. 68269
Morikawa, H. *see* Inoue, M. 68305
Morikawa, H. *see* Miura, A. 80589
Morikawa, H. *see* Qiao, M. 80588
Morikawa, H. *see* Wang, D. 88749

Morikawa, H. *see* Wang, D. 119332
Morikawa, K., Tsuchimoto, M., Honma, T., Fujimoto, H., Murakami, M. Numerical evaluation of properties of trapped field magnet with a hole 95613
Morikawa, R., Ueha, S., Nakamura, K. Error evaluation of the structural intensity measured with a scanning laser Doppler vibrometer and k-space signal processing 69516
Morikawa, R., Yuzaki, H., Nakamura, K., Ueha, S. Ultrasonic transducer array for structural intensity measurements 88968
Morikawa, S. *see* Watanabae, T. 80864
Morikawa, T. *see* Komuro, S. 94282
Morikawa, T. *see* O'Keeffe, P. 94789
Morikawa, T. *see* O'Keeffe, P. 114982
Morikawa, T. *see* Sato, F. 68437
Morikawa, T. *see* Sato, F. 119167
Morikawa, T. *see* Seike, T. 119560
Morikawa, T. *see* Yoshida, K. 106789
Morikawa, Y. *see* Uchida, T. 121845
Morikawa, Y. *see* Yamane, N. 98303
Morikuni, J.J. *see* Conforti, E. 99539
Morikura, M. *see* Sugiyama, T. 99404
Morillo, J. *see* Amiranoff, F. 79838
Morillo, J. *see* Amiranoff, F. 89645
Morillo, P. *see* Marco, C. 117181
Morillo, P. *see* Padro, C. 82427
Morillon, F. *see* Nekhoul, B. 70988
Morimatsu, K. *see* Kawano, J. 99879
Morimo, K. *see* Kuwabara, M. 73821
Morimoto, A., Kobayashi, T. Temporal coherence control by electrooptic phase modulation 96090
Morimoto, A. *see* Feng-Zhen Guo 116114
Morimoto, A. *see* Masuda, A. 105658
Morimoto, A. *see* Masuda, A. 114629
Morimoto, A. *see* Minamikawa, T. 104127
Morimoto, A. *see* Nakamura, T. 113465
Morimoto, A. *see* Yonezawa, Y. 113451
Morimoto, H., Kemmoku, Y., Nakagawa, S., Sakakibara, T. Adaptive fuzzy control for a stand-alone photovoltaic/wind generating system 111853
Morimoto, H., Nakade, M., Hara, T., Okada, S., Tachimura, K., Komura, A. Study of quench phenomena with superconducting model coils 95604
Morimoto, H. *see* Ando, M. 68103
Morimoto, H. *see* Kawahara, K. 85120
Morimoto, H. *see* Suezawa, H. 94173
Morimoto, H. *see* Takai, M. 73990
Morimoto, H. *see* Takai, M. 83740
Morimoto, K. Nitrogen-doped ZnSe grown by low-pressure metalorganic chemical vapor deposition with alternate growth and active nitrogen doping 74213
Morimoto, K., Shimotsu, M. The fuel electrode material using Fe-YSZ cermet 81829
Morimoto, K. *see* Takeshita, T. 64264
Morimoto, M., Okada, M., Komaki, S. A hierarchical image transmission system in a fading channel 68290
Morimoto, M., Okada, M., Komaki, S. Joint on-board resource sharing and hierarchical modulation scheme for satellite communication 78634
Morimoto, M. *see* Kawamura, T. 79163
Morimoto, S., Kameyama, H., Takeda, Y. Comparison of resonance ratio control and H^∞ control on speed control of two-mass system 91781
Morimoto, S., Kameyama, H., Takeda, Y. Speed control system and design of resonant system with disturbance observer 103082
Morimoto, S., Sanada, M., Takeda, Y. Inverter-driven synchronous motors for constant power 121459
Morimoto, S., Takeda, Y. Two-degrees-of-freedom speed control of resonant mechanical system based on H^∞ control theory 121954
Morimoto, S. *see* Maekawa, T. 90154
Morimoto, S. *see* Sanada, M. 71352
Morimoto, S. *see* Satow, T. 95514
Morimoto, S. *see* Yamaguchi, I. 61397
Morimoto, T., Hiratsuka, K., Sanada, Y., Kurihara, K. Development and current status of electric double-layer capacitors 104898
Morimoto, T. *see* Adachi, T. 83123
Morimoto, T. *see* Higuti, M. 67978
Morimoto, T. *see* Sakata, Y. 107279
Morimoto, T. *see* Tomita, N. 64580
Morimoto, Y., Suzuki, K., Kihara, K., Segawa, Y., Yamada, T. 1.5-megapixel poly-Si TFT-LCD module with a fully integrated driving circuit 79155
Morimura, A. *see* Azuma, T. 98218
Morimura, H. *see* Suemura, Y. 78890
Morin, C. *see* Regolini, J.L. 104029
Morin, F., Kaag, F. Electrical and electronic architecture of vehicles 103143
Morin, G. *see* Pelletier, P. 70775
Morin, J., Arnoud, J.C., David, J., Zyromski, P. Widening the range in measuring neutron fluences with PIN silicon diodes 110605
Morin, M. *see* Gobin, P. 92974
Morin, M. *see* Gobin, P.-F. 113552
Morin, P. *see* Jifu Huang 65909
Morin, P. *see* Vignoli, S. 94401
Morin, R. *see* Lam, L. 121211
Morin, R. *see* Lamarre, L. 70959
Morin, R.L., Berquist, T.H., Rueger, W. The Mayo Clinic Jacksonville electronic radiology practice 110894
Morin, R.L., Rueger, W., Berquist, T.H. The electronic radiology practice at Mayo Clinic Jacksonville 110815
Morin, T.L., Prabhu, N., Zhang, Z. Feasible gradients in gravitational method for linear programming 82470
Morinaga, A. *see* Yamashita, M. 76166
Morinaga, K., Sunasaka, Y., Sunami, K., Sato, T., Yoshida, T. A backup skin mode receiver for NASDA's precision radar facility at Nogi 109737
Morinaga, K. *see* Shoho, T. 81783
Morinaga, N. *see* Abeta, S. 68210
Morinaga, N. *see* Abeta, S. 78426
Morinaga, N. *see* Abeta, S. 108816
Morinaga, N. *see* Hanaoka, S. 67562
Morinaga, N. *see* Hara, S. 77014
Morinaga, N. *see* Hara, S. 99233
Morinaga, N. *see* Ikeda, T. 77702
Morinaga, N. *see* Jae Woo Jeong 78562
Morinaga, N. *see* Kamio, Y. 118993
Morinaga, N. *see* Kasahara, H. 109411
Morinaga, N. *see* Kuri, T. 88522
Morinaga, N. *see* Matsuoka, H. 68183
Morinaga, N. *see* Matsuoka, H. 108183
Morinaga, N. *see* Otsuki, S. 68178
Morinaga, N. *see* Otsuki, S. 78532
Morinaga, N. *see* Otsuki, S. 99368
Morinaga, N. *see* Shinozuka, T. 99392
Morinaga, N. *see* Suzuki, T. 68264
Morinaga, N. *see* Suzuki, T. 118874
Morinaga, N. *see* Tsukamoto, K. 88519
Morinaga, N. *see* Ue, T. 109475
Morinaga, N. *see* Wannsarnmaytha, A. 78615
Morinaga, N. *see* Yamanaka, Y. 68116
Morinaka, H., Makino, H., Nakase, Y., Suzuki, H., Mashiko, K., Sumi, T. A 2.6-ns 64-b fast and small CMOS adder 61825
Morinaka, H. *see* Makino, H. 61811
Morinaka, H. *see* Makino, H. 61826
Morinaka, H. *see* Makino, H. 61852
Morinaka, H. *see* Makino, H. 93279
Morinaka, H. *see* Suzuki, H. 93258
Moring, I. Laser radar-based range imaging with applications in shape measurement and machine control 79018
Moring, I. *see* Ailisto, H. 67428
Moring, I. *see* Laitinen, J. 72334
Morini, A., Rozzi, T. Analysis and synthesis of millimetric E-plane diplexers in rectangular waveguide 62201
Morini, A., Rozzi, T. Synthesis of modular multiplexers employing interconnected Y-junctions manifolds 114217
Morini, A., Rozzi, T., Mongiardo, M. Efficient CAD of wideband contiguous channel multiplexers 98970
Morini, A. *see* Andriollo, M. 103099
Morini, A. *see* Delfino, B. 101860
Morini, A. *see* Delfino, B. 101930
Morini, A. *see* Massucco, S. 101885
Morini, A. *see* Mongiardo, M. 65938
Morini, B. *see* Dieci, L. 103740
Morino, H., Aoki, T., Aida, H., Saito, T. An effective access control method for high-speed local area networks and metropolitan area networks 118069
Morino, M. *see* Nakamura, M. 104543
Morinobu, S. *see* Mitsuoka, S. 69650
Morinushi, K. *see* Ota, H. 112022
Morioka, K. *see* Tamura, T. 83007
Morioka, N. *see* Kobayashi, S. 63429
Morioka, T., Takara, H., Kawanishi, S., Kamatani, O., Takiguchi, K., Uchiyama, K., Saruwatari, M., Takahashi, H., Yamada, M., Kanamori, T., Ono, H. 1 Tbit/s (100 Gbit/s×10 channel) OTDM/WDM transmission using a single supercontinuum WDM source 68369
Morioka, T., Takara, H., Kawanishi, S., Kamatani, O., Takiguchi, K., Uchiyama, K., Saruwatari, M., Takahashi, H., Yamada, M., Kanamori, T., Ono, H. 100 Gbit/s×10 channel OTDM/WDM transmission using a single supercontinuum WDM source 88644
Morioka, T., Takara, H., Kawanishi, S., Uchiyama, K., Saruwatari, M. Polarization-independent all-optical demultiplexing up to 200 Gbit/s using four-wave mixing in a semiconductor laser amplifier 78783
Morioka, T. *see* Kawanishi, H. 94740
Morioka, T. *see* Kawanishi, S. 68376
Morioka, T. *see* Kawanishi, S. 88647
Morioka, T. *see* Uchiyama, K. 99551
Morioka, T. *see* Uchiyama, K. 118740
Morioka, Y. *see* Kikkawa, T. 119438
Morioka, Y. *see* Koizumi, H. 71197
Morioka, Y. *see* Ohtsuka, K. 101836
Morisaki, H., Nakagawa, K., Shiraishi, H. Measurement of attachment force of microbial cells 90280
Morisaki, H. *see* Shimasaki, M. 64908
Morisaki, H. *see* Wakaki, M. 92819
Morisaki, I. *see* Nakamura, H. 62510
Morisaki, K. *see* Momozawa, M. 98189
Morisaki, M. *see* Irie, K. 118429
Morisaki, M. *see* Ohta, N. 98700
Morisaki, M. *see* Tsuji, H. 118670
Morisaki, T. *see* Satow, T. 95514
Morisako, A., Matsumoto, M., Naoe, M. Sputtered hexagonal Ba-ferrite films for high-density magnetic recording media 61355
Morisako, A., Matsumoto, M., Noae, M. Crystallographic and recording characteristics of post-annealed Ba-ferrite sputtered films 115771
Morisako, A. *see* Kikuchi, Y. 115823
Morisako, A. *see* Matsushita, N. 115675
Morisawa, H. *see* Nagata, Y. 80455
Morisawa, Y., Kikuma, I., Takayama, N., Takeuchi, M. Mirror polishing of InP wafer surfaces with NaOCl–citric acid 63269
Morishige, H. *see* Takahashi, N. 65603
Morishima, C. *see* Ohmori, Y. 75741
Morishima, H. *see* Hoshi, H. 100229
Morishima, S. *see* Sakaguchi, T. 87130
Morishita, F. *see* Kuge, S. 61900
Morishita, F. *see* Kuge, S. 93382
Morishita, F. *see* Yamaguchi, Y. 93358
Morishita, H., Hirasawa, K., Nagao, T. Circularly polarised rhombic hula hoop antennas 66104
Morishita, H., Hirasawa, K., Nagao, T. A circularly polarized broadband rhombic loop antenna 85985
Morishita, K. *see* Nishimura, J. 106777
Morishita, N. *see* Ikoma, M. 71669
Morishita, R. *see* Yamasaki, A. 79585
Morishita, S. Development of an electrically controllable damper using a liquid crystal 95843
Morishita, S., Yong Kon An, Tsuchiya, T., Matsumura, Y. On an evaluation technique for the properties of electro-rheological fluid 113553
Morishita, S. *see* Matsuoka, T. 106197
Morishita, T. *see* Maruyama, T. 95657
Morishita, T. *see* Zama, H. 64500
Morishita, T. *see* Yamafuji, K. *(editor)* 72050
Morison, G.K. *see* Gao, B. 101732
Morison, W.G. Implementing a digital shut-down system 102383
Morisue, M. *see* Xanasugi, A. 115917
Morisue, T. *see* Mondal, H.N. 71938
Morita, B. *see* van Wijngaarden, A.J. 67506
Morita, E. *see* Hasegawa, H. 63163
Morita, E. *see* Okada, C. 63203
Morita, H. A proposal for infrastructure strategy realizing a broadband telecommunication network by hybrid system of satellite multi-access sub-system and PSTN 78233
Morita, H., Kae, T., Tamura, Y., Iwamoto, S. Interval prediction of annual maximum demand using grey dynamic model [power systems] 111540
Morita, H., Kato, J., Shimazu, N. Basic characteristics of beam position drift and field stitching error caused by electron beam column charging 96955
Morita, H., van Wijngaarden, A., Han Vinck, A.J. Maximal prefix synchronized codes by means of enumerative coding 66470
Morita, H., Yamataka, K. Development of Toyota in-vehicle travelers information system through VICS project 99690
Morita, H. *see* Hirose, T. 99384
Morita, H. *see* Kamagami, S. 89391
Morita, H. *see* Kozu, S. 73423
Morita, H. *see* Yonezawa, N. 73453
Morita, J. *see* Yoshimura, T. 79507
Morita, K., Ito, D. Excess magnetization due to the presence of the matrix in a commercialized ultra fine multifilamentary NbTi composite with very fine filaments and Cu30%Ni matrix 95400
Morita, K., Soda, K., Katoh, T., Hanebuchi, M. Atomic structures of Au and Ag films epitaxially grown on the InP(001)-p(2×4) surface 63105
Morita, K. *see* Higashi, S. 80877
Morita, K. *see* Matsuse, K. 121577
Morita, K. *see* Ogura, K. 76240
Morita, K. *see* Ota, H. 101937
Morita, K. *see* Watanabe, T. 90562
Morita, K.-I. *see* Katagiri, S. 99708
Morita, M., Ishikawa, M., Matsuda, Y. Effects of the electrolyte composition on the electrode characteristics of rechargeable lithium batteries 112292
Morita, M. *see* Aoki, T. 61172
Morita, M. *see* Aoki, T. 72814
Morita, M. *see* Aoki, T. 92851
Morita, M. *see* Hatanaka, Y. 104030
Morita, M. *see* Matsuda, Y. 81665
Morita, M. *see* Seo, K. 95439
Morita, M. *see* Takao, T. 102604
Morita, N. *see* Inoue, I. 118137
Morita, N. *see* Niestroj, A. 80008
Morita, R., Yamashita, M. Compensation for the influence of the delayed nonlinear response on an organic crystal cored fiber for femtosecond optical pulse compression 75505
Morita, R., Yanagisawa, H., Yamashita, M. Femtosecond negative Kerr response due to a two photon process in β, β-carotene solutions 107528
Morita, R. *see* Itoh, T. 106788
Morita, R. *see* Saito, T. 116665
Morita, R. *see* Yamaoka, Y. 85585
Morita, R. *see* Yamashita, M. 116402
Morita, S., Kanbe, A., Nakaoka, M., Kato, Y., Terasaki, H. Innovative development of electromagnetic induction-based fluid-heating resonant PWM inverter with power factor correction scheme 122085
Morita, S., Tanaka, M. Parallel spatial reasoning system based on image object model 87250
Morita, S. *see* Ohta, T. 120287
Morita, T., Kanade, T. A sequential factorization method for recovering shape and motion from image streams 77327

Morita, T., Kurosawa, M., Higuchi, T. Design of a cylindrical ultrasonic micromotor to obtain mechanical output 91564
Morita, T. *see* Hosokawa, T. 81611
Morita, T. *see* Nomura, I. 74151
Morita, T. *see* Noro, A. 102779
Morita, T. *see* Onuki, J. 105736
Morita, Y., Kato, I., Nakajima, T. Fabrication of SiN films at low temperature using RF biased coaxial-line type microwave plasma CVD 84192
Morita, Y., Nakamura, K.-I., Kim, C. Langmuir analysis on hydrogen gas response of palladium-gate FET 119779
Morita, Y., Tokumoto, H. Atomic scale flattening and hydrogen termination of the Si(001) surface by wet-chemical treatment 84120
Morita, Y., Tokumoto, H. STM analysis of wet-chemically prepared H-Si(001) surface 105698
Morita, Y., Yasuda, N. Parts and packaging for GS8600 and GS8400 67827
Morita, Y. *see* Yufei Bao 75659
Moritake, H. *see* Kobayashi, J. 95833
Moritake, H. *see* Uto, S. 64819
Moritake, Y. *see* Slack, P.A. 119498
Moritani, A. *see* Goto, M. 62260
Moritani, I., Takahashi, K., Kondo, A., Suzuki, T. The effect of additives on MSR performance of GdFeCoM/TbFeCo (M=Ta, Pt) double layer 75230
Moritani, Y. *see* Kawabata, T. 88408
Morito, K. *see* Sahara, R.T. 64798
Moritz, A., Wirth, R., Hangleiter, A., Kurtenbach, A., Eberl, K. Optical gain and lasing in self-assembled InP/GaInP quantum dots 85465
Moritz, A. *see* Wirth, R. 116075
Moritz, E. The low-head multi-jet Pelton turbines for Amsteg 71162
Moritz, G., Klos, F., Langenbeck, B., Zweig, K. Static and dynamic behaviour of the SIS dipole magnet 100645
Moritz, G. *see* Langenbeck, B. 101415
Moriuchi, N. *see* Kubozono, T. 105816
Moriuchi, S. *see* Satow, T. 95514
Moriwake, H. *see* Tanaka, T. 122057
Moriwaki, H. *see* Matsushita, H. 71953
Moriwaki, K. *see* Abe, M. 106828
Moriwaki, K. *see* Mino, S. 64999
Moriwaki, K. *see* Mino, S. 96061
Moriwaki, K. *see* Nakasuga, Y. 116284
Moriwaki, K. *see* Takiguchi, K. 109651
Moriwaki, K. *see* Uchida, N. 88639
Moriwaki, K. *see* Uchida, N. 109616
Moriwaki, T. *see* Iyama, Y. 73793
Moriwaki, T. *see* Nagai, N. 80880
Moriwaki, T. *see* Takeda, K. 80862
Moriwaki, Y. *see* Gamo, T. 71654
Moriwaki, Y. *see* Hasegawa, H. 78410
Moriya, K. *see* Mochida, Y. 119638
Moriya, M. *see* Usami, K. 114983
Moriya, N. *see* Hong, M. 84029
Moriya, T. *see* Hayashi, S. 88008
Moriya, T. *see* Hayashi, S. 97628
Moriya, T. *see* Ikeda, K. 67990
Moriya, T. *see* Kaneko, T. 88009
Moriya, T. *see* Kaneko, T. 98959
Moriya, T. *see* Kataoka, A. 88006
Moriya, T. *see* Kataoka, A. 88007
Moriya, T. *see* Kataoka, A. 97626
Moriya, T. *see* Kataoka, A. 97627
Moriya, T. *see* Shikano, K. 82792
Moriya, T. *see* Uedono, A. 63243
Moriya, T. *see* Yoshizawa, A. 115403
Moriyama, E., Kamio, Y., Hamaguchi, K., Sugimoto, Y., Sasaoka, H. Mobile communications 68118
Moriyama, H., Mitsui, H., Ohmori, J., Mine, S., Nishijima, S., Okada, T. Design and fabrication of highly stabilized close-packed superconducting solenoid 95589
Moriyama, H. *see* Fuji, Y. 99356
Moriyama, N. *see* Kubo, M. 101311
Moriyama, N. *see* Tozaki, T. 101264
Moriyama, N. *see* Ukai, Y. 101265
Moriyama, S., Tsuchida, K. Digital field pick-up unit using COFDM scheme 119363
Moriyama, S., Tsuchida, K., Sasaki, M., Yamazaki, S. Digital outside-broadcasting-link using OFDM modulation scheme 109853
Moriyama, S. *see* Miyahara, Y. 83264
Moriyama, S. *see* Nakahara, S. 108916
Moriyama, T. Nonintrusive measuring methods on massflow rate for moved bed gravity flow of the new plants 110441
Moriyama, T. *see* Kasahara, H. 119294
Moriyama, Y. *see* Hosoya, F. 73892
Moriyasu, H. *see* Ross, B. 73011
Moriyasu, K. *see* Akashi, O. 118345
Morizaki, I. *see* Takahashi, N. 114478
Morizumi, Y. *see* Tanaka, Y. 89352
Morizumi, Y. *see* Yamamoto, T. 110300
Morjan, I. *see* Alexandrescu, R. 72949
Mork, B.A. *see* Iravani, M.R. 91033
Mork, J., Mecozzi, A. Theory of the ultrafast optical response of active semiconductor waveguides 95756
Mork, J. *see* Bischoff, S. 96353
Mork, J. *see* Brorson, S.D. 107316
Mork, J. *see* Hofmann, M. 75913
Mork, J. *see* Hofmann, M. 107322
Mork, J. *see* Mecozzi, A. 96651
Morkner, H., Nguyen, N.M., Ward, A., Myers, B., Carr, G. Design and utilization of wireless monolithic low noise amplifiers for 3 volt, low current applications 99143
Morkoc, H. *see* Chen, Z. 84003
Morkoc, H. *see* Dae-Gyu Park 114839
Morkoc, H. *see* Gil, B. 114650
Morkoc, H. *see* Grann, E.D. 62830
Morkoc, H. *see* Li, J.Z. 105153
Morkoc, H. *see* Look, D.C. 74262
Morkoc, H. *see* Martin, G. 62792
Morkoc, H. *see* Mohammad, S.N. 72873
Morkoc, H. *see* Mohammad, S.N. 106077
Morkoc, H. *see* Ruvimov, S. 105450
Morkoc, H. *see* Smith, M. 114774
Morkoc, H. *see* Song, J.J. 96330
Morkoc, H. *see* Stengel, F. 106080
Morkoc, H. *see* Suzue, K. 115141
Morkoc, H. *see* Wook Kim 74138
Morkoc, H. *see* Zhifang Fan 95067
Morkoc, I. *see* Look, D.C. 105162
Morl, L. *see* Hoffman, D. 88558
Morl, L. *see* Reier, F.W. 103843
Morley, D. *see* Cirstea, M.N. 71795
Morley, D. *see* Cirstea, M.N. 102832
Morley, D. *see* Cirstea, M.N. 121953
Morling, R.C.S. *see* Kale, I. 99148
Morlion, D. *see* De Pestel, G. 119219
Morlion, D. *see* Picard, A. 112910
Mormile, P. *see* Abbate, G. 75540
Mormile, P. *see* Bernini, U. 116656
Moro, L. *see* Malina, V. 74636
Moro, L. *see* Malina, V. 105449
Moroishi, Y. *see* Kubozono, T. 105816
Morokhov, P.V. *see* Gornov, M.G. 120188
Morokuma, M. *see* Kondo, H. 67462
Moron, Z., Rucki, Z., Szczepanik, Z. Possibilities of employing a calculable four-electrode conductance cell to substitute the secondary standards of electrolytic conductivity 110318
Moron, Z. *see* Szczepanik, Z. 110317
Moroni, P. *see* Baratella, P. 103720
Moronis, A., Bourkas, P., Karagiannopoulos, C., Halaris, P., Tsitsoglou, E., Tsitsias, S. A mathematical model for the overall equivalent capacitance change of a metal tip-solid polymeric dielectric-metal plane configuration, under the application of high voltage impulses 95294
Moronis, A. *see* Tsitsoglou, I. 95258
Moronis, A.X., Bourkas, P.D., Dervos, C.T., Kagarakis, C.A. Electronic phenomena in solid dielectrics under high electric fields 64038
Moronis, A.X. *see* Halaris, P.G. 95259
Moronis, A.X. *see* Karagiannopoulos, C.G. 95293
Moronis, A.X. *see* Tsitsias, S.A. 95263
Morooka, H. *see* Ikeo, I. 102993
Morooka, M. Limiting process for gold in-diffusion in silicon with and without extended defects 74538
Morooka, N., Fukasako, S. Brief measurement of diffusion profiles of deep impurities by moving Schottky contact 94670
Morooka, S. *see* Maeda, H. 72785
Morooka, T., Nakayama, S., Odawara, A., Shimizu, N., Chinone, K., Ataka, T., Kasai, N. Development of integrated direct current superconducting quantum interference device gradiometer for nondestructive evaluation 69081
Morooka, Y. *see* Hamamoto, T. 61901
Morooka, Y. *see* Hamamoto, T. 93383
Morooka, Y. *see* Yamauchi, T. 61893
Morooka, Y. *see* Yamauchi, T. 93376
Morookian, J.M. *see* Monacos, S.P. 78918
Morosan, T. Remarks on the numerical method errors in electromagnetic field analysis 65629
Morosin, B. *see* Schirber, J.E. 75320
Morosini, H. *see* Short, T.A. 122110
Morosov, B. *see* Calen, H. 120194
Morovov, A.P. *see* Boichenko, A.M. 75808
Moroz, E.M. *see* Swift, A.P. 102592
Moroz, P.E., Myra, J.R., D'Ippolito, D.A. Full wave modeling of ICRF edge fields and far-field sheaths in tokamaks 117012
Morozov, A.N. *see* Aleev, A.N. 120186
Morozov, A.P. *see* Gorbunov, A.A 92917
Morozov, E.G. *see* Benderskaya, L.P. 75716
Morozov, G.A. *see* Akishin, B.A. 66026
Morozov, O.Yu. *see* Anevsky, S.I. 88895
Morozov, P.A. *see* Morozova, S.P. 89080
Morozov, V. *see* Berseth, W. 85202
Morozov, V.N. Parallel optoelectronic counter–one more example of high efficiency free-space global interconnects utilization 64852
Morozov, V.N., Yung-Cheng Lee, Neff, J.A., O'Brien, D., Mclaren, T.S., Haijun Zhou Tolerance analysis for three-dimensional optoelectronic systems packaging 116282
Morozov, V.V. *see* Valuev, V.V. 96106
Morozov, V.V. *see* Valuev, V.V. 100360
Morozov, Y.A., Krasovskii, A.V. Fluctuations of the intensity of radiation emitted by an injection laser pumped by a current subjected to strong microwave-frequency modulation 65338
Morozov, Yu.A., Krasnikova, I.V. Frequency dependence of the spectral density of intensity fluctuations for an injection laser generating short pulses 96275
Morozova, N.D., Lee, Y.C. Modeling VCSEL characteristics using device and package models 85510
Morozova, S.P., Konovodchenko, V.A., Sapritsky, V.I., Lisiansky, B.E., Morozov, P.A., Melenevsky, U.A., Petic, A.G. An absolute cryogenic radiometer for laser calibration and characterization of photodetectors 89080
Morozova, V.A. *see* Koshelev, O.G. 94479
Morozova, V.A. *see* Semenenya, T.V. 94451
Morozowski, M. *see* Luiz da Silva, E. 102026
Morozumi, K., Kadota, M. Bleustein-Gulyaev-Shimizu wave resonators formed on ceramic substrates and their applications 95322
Morozumi, K., Kadota, M., Hayashi, S. Characteristics of Bleustein-Gulyaev-Shimizu wave resonators on ceramics at high frequencies 84733
Morpurgo, G. *see* Brandt, D. 79971
Morpurgo, G. *see* Brandt, D. 89824
Morra, P. *see* Artiglia, M. 64679
Morra, P. *see* Toukhy, M. 105813
Morre, E. *see* Lopez, D. 75323
Morreale, J. *(editor)* 1994 SID International Symposium Digest of Technical Papers. SID 82083
Morreale, J.P. *see* Bergano, N.S. 88646
Morrell, G. *see* Lubianiker, Y. 62673
Morrill, K. *see* Samson, J.R., Jr. 109789
Morris, A. *see* Flowers, M.C. 74117
Morris, A.J. *see* Luo, W. 70537
Morris, D. Simulated annealing applied to the Misell algorithm for phase retrieval 108046
Morris, D., Deveaud, B., Beerens, J., Charbonneau, S., Regreny, A. Wannier-stark localization in superlattice evidenced by time-resolved luminescence measurements 62909
Morris, D. *see* Drew, R. 87896
Morris, G.C., McElnea, A.E. Fluorine doped tin oxide films from spray pyrolysis of stannous fluoride solutions 61306
Morris, G.C., Vanderveen, R.J. Solar cells from thin films prepared by periodic pulse electrodeposition 61308
Morris, G.C. *see* Boenig, H.J. 112116
Morris, G.M., Raguin, D.R., Rossi, M., Emmel, P.M. Diffractive optics technology for projection displays 89227
Morris, G.M. *see* Song Peng 95932
Morris, J. New technology offers facilities managers the opportunity to improve lighting performance and cut energy costs 103155
Morris, J. *see* Carlson, D.E. 112360
Morris, J. *see* Nguyen, P. 93317
Morris, J.A. *see* Mawst, L.J. 65314
Morris, J.A. *see* Wandmacher, R.A. 121214
Morris, J.B., Fiddy, M.A., Pommet, D.A. Nonlinear filtering applied to single-view backpropagated images of strong scatterers 98023
Morris, J.E. *see* Feldman, M.R. 76292
Morris, J.E. *see* Klosterman, D. 113547
Morris, J.M., Akunuri, V. Minimum duration orthonormal wavelets 117580
Morris, J.M., Dongsheng Wu On alias-free formulations of discrete-time Cohen's class of distributions 76968
Morris, J.M., Hui Xie Minimum duration-bandwidth discrete-time wavelets 117579
Morris, J.M., Youhong Lu Generalized Gabor expansions of discrete-time signals in $l^2(Z)$ via biorthogonal-like sequences 76970
Morris, J.M. *see* Lu, Y. 76998
Morris, J.T. *see* van Asselt, W.K. 89865
Morris, J.V. *see* Burke, S. 69776
Morris, J.W., Jr., Kim, C.-U., Kang, S.H. The metallurgical control of electromigration failure in narrow conducting lines 84238
Morris, J.W., Jr. *see* Kang, S.H. 74616
Morris, K. *see* Vladimirsky, Y. 74650
Morris, K. *see* Vladimirsky, Y. 79365
Morris, M.E., Wu, T.T. Admittance of thin, coaxially-driven infinite monopole antennas 85977
Morris, M.J. *see* Houck, S.W. 90685
Morris, N. *see* Riris, H. 97878
Morris, N.A. *see* Garbuzov, D.Z. 96243
Morris, N.A. *see* Griffel, G. 65387
Morris, Q. *see* Siskind, J.M. 67297
Morris, R., Kung, H.T. Impact of ATM switching and flow control on TCP performance: measurements on an experimental switch 78052
Morris, R., Null, A. Solder mask application methods [PCB manufacture] 94049
Morris, R.A. *see* Gonzalez, A.J. 81038
Morris, R.S. *see* Dixon, B.G. 72959
Morris, S. *see* Fang, T. 73846
Morris, S. *see* Pyle, R.E. 95199
Morris, S. *see* Tian, S. 94694
Morris, T. *see* Isaacs, E.A. 67879
Morris, T.G., DeWeerth, S.P. Analog VLSI circuits for covert attentional shifts 62073
Morrish, A.H., Li, Z.W., Zhou, X.Z., Dai, S. Studies of new rare-earth permanent magnets 106506
Morrison, A.P., Lambkin, J.D., van der Poel, C.J., Valster, A. Evaluation of multiquantum barriers in bulk double heterostructure visible laser diodes 76029
Morrison, B.D., Robillard, M.N. Flight test and certification plans for low-cost distributed control-by-light systems 70352
Morrison, G. *see* Curnow, J.S.H. 90285
Morrison, H.D. *see* Mauthe, G. 64161
Morrison, I.F. *see* Gilbert, D.M. 111689
Morrison, I.F. *see* Gilbert, D.M. 111859
Morrison, I.F. *see* Parker, C.J. 102004
Morrison, I.F. *see* Parker, C.J. 102031

Morrison, J.A. [illegible]
Morrison, J.A. [illegible]
Morrison, K. [illegible]
Morrison, N. [illegible]
Morrison, N.A., [illegible] CVD [illegible]
Morrison, P.W., Jr., Carangelo, R.M. A method to [illegible] IR reflectance [illegible]
Morrison, R. [illegible]
Morrison, R.E. [illegible]
Morrison, R.E. [illegible]
Morrison, R.E. [illegible]
Morrison, R.L., [illegible]
Morrison, R.L. [illegible]
Morrison, R.L. [illegible]
Morrison, S.R. [illegible]
Morrissey, J. [illegible]
Morrissey, L.A., [illegible] Differentiating methane [illegible] multitemporal ERS-1 SAR data [illegible]
Morros, J.R., [illegible] Video sequence segmentation based on rate-distortion [illegible]
Morrow, C. [illegible]
Morrow, C.E., [illegible] hollow silver waveguide for high power industrial [illegible] laser applications [illegible]
Morrow, D.J., [illegible]
Morrow, D.J. [illegible]
Morrow, D.J. [illegible]
Morrow, D.J. [illegible]
Morrow, R. Measurement of [illegible]
Morrow, R. [illegible]
Morsani, F. [illegible]
Morsani, F. [illegible]
Morsani, F. [illegible]
Morsch, A. [illegible]
Morse, A. [illegible]
Morse, A. [illegible]
Morse, A.W., [illegible] Application of high power silicon [illegible]
Morse, A.W. *see* Brandt, C.D. [illegible]
Morse, A.W. *see* Sriram, S. [illegible]
Morse, D.E. *see* [illegible]
Morse, D.H. *see* [illegible]
Morse, D.H. *see* [illegible]
Morse, L.R. *see* [illegible]
Morse, M.J. *see* [illegible]
Morse, S.E., [illegible]
Morse, W. [illegible]
Morselli, A. [illegible]
Morshuis, P.H.F. [illegible]
Morsy, M.N., [illegible] approach in software to find the transient response [illegible]
Mortara, A. [illegible]
Mortazavi, P., [illegible]
Mortazavi, P. [illegible]
Mortazavi, P. [illegible]
Mortazavi, S.H., [illegible] CDMA [illegible]
Mortazavi, S.Z. [illegible]
Mortazawi, A., [illegible] University of Central Florida [illegible]
Mortazawi, A. [illegible]
Mortazawi, A. [illegible]
Mortazawi, A. [illegible]
Mortazawi, A. [illegible]
Mortazawi, A. [illegible]
Mortelmans, L. [illegible]
Morten, B. [illegible]
Mortensen, A.N., [illegible]
Mortensen, H.B. [illegible]
Mortensen, H.B. [illegible]
Mortensen, L. [illegible]
Mortensen, M. [illegible]
Mortensen, T.I. [illegible]
Mortier, G. [illegible]
Mortimer, C. [illegible]
Mortimer, J.T. [illegible]
Mortimer, R.J. [illegible]
Mortimore, D.B. [illegible]
Morton, P. [illegible]
Morton, C.G., [illegible] HEMT model [illegible]
Morton, C.G., Snowden, C.M., Howes, M.J. HEMT physical model for MMMIC CAD 93912
Morton, D.C. *see* Aguilera, A. 89407
Morton, D.C. *see* Bhaskaran, S. 89375
Morton, D.P. An enhanced decomposition algorithm for multistage stochastic hydroelectric scheduling 91376
Morton, E.J. *see* De Antonis, P. 80076
Morton, J. *see* Ma, Y. 120170
Morton, P.A., Tanbun-Ek, T., Logan, R.A., Ackerman, D.A., Shtengel, G., Chand, N., Johnson, J.E., Yadvish, R.D., Sergent, M., Sciortino, P.F., Jr. High-speed, low chirp, directly modulated 1.55-μm DFB laser sources for 10 Gbit/s local distribution 65369
Morton, P.A., Tanbun-Ek, T., Logan, R.A., Ackerman, D.A., Shtengel, G.E., Yadvish, R.D., Sergent, A.M., Sciortino, P.F., Jr. Ultra-wide bandwidth 1.55 μm lasers 107235
Morton, P.A. *see* Ackerman, D.A. 96360
Morton, P.A. *see* Bowers, J.E. 109606
Morton, P.A. *see* Park, Y.K. 99577
Morton, P.A. *see* Shtengel, G.E. 65198
Morton, P.A. *see* Wilson, G.C. 88562
Morton, P.A. *see* Wilson, G.C. 99768
Morton, S.G. A236 parallel DSP chip provides real-time video processing economically and efficiently 61954
Morton, S.V. *see* Appleton, S.S. 113892
Morton, T. *see* Hillard, G.B. 121894
Morton, T.L. Ionospheric plasma current collection properties of pinholes–results from the SAMPIE Experiment 120807
Morton, T.L. *see* Ferguson, D.C. 121893
Morucci, S., Noirard, P., Grossetie, J.-C. Vectorial algorithm for the computation of light propagation equation based on Huygens' principle using the scalar theory of diffraction 96797
Morud, J. *see* Hall, J. 91616
Morunov, K.A. *see* Bosamykin, V.S. 100797
Moruzzi, G. *see* Li-Hong Xu 75933
Moruzzia, M., Colin, N., Milhem, G. Applications of multisensor data fusion to target recognition [illegible]
Moruzzis, M., Fuentes, M., Henry, J.P. Experiment of high range resolution techniques with a long range multifunction radar 70593
Moruzzis, M. *see* Henry, J.P. 68659
Moruzzis, M. *see* Le Hellard, D. 68691
Morvan, M., Nourine, L. Simplicial elimination schemes, extremal lattices and maximal antichain lattices [illegible]
Morvan, M. *see* Schimpe, R. 78656
Morvay, J. *see* Jullien, G.A. 67340
Morvic, L. *see* Dubecky, F. 120153
Morvic, M. *see* Betko, J. 114637
Morvic, M. *see* Malacky, L. 104147
Morvic, M. *see* Novak, J. 114951
Morvillo, M. *see* Cameron, P.R. 100536
Morzhakov, A.A. *see* L'vov, A.A. 93771
Morzunova, T.G. *see* Ghindilis, A.L. 110225
Mosaddeq-ur-Rahaman, M., Soga, T., Jimbo, T., Umeno, M. Theoretical performance study of n-TiO_2/p-$CuInSe_2$ solar cell and its modification for improved efficiency 71712
Mosaddeq-ur-Rahman, M., Soga, T., Jimbo, T., Umeno, M. Novel low-cost solid-state heterojunction solar cell based on TiO_2 and its modification for improved efficiency 91755
Mosala, T. *see* Foss, R. 78077
Mosanya, E., Perrier, J.-Y., Goeke, M., Rampogna, F., Linder, J., Sanchez, E. A platform for co-design and co-synthesis based on FPGA 73050
Mosbach, K. *see* Kriz, D. 119753
Mosberger, D., Peterson, L.L., Bridges, P.G., O'Malley, S. Analysis of techniques to improve protocol processing latency 118120
Mosca, D.H. *see* Mattoso, N. 63130
Mosca, L. Searches for particle dark matter: status and prospects 80088
Mosca, L. *see* Barabanov, I.R. 110568
Mosca, P., Agnelli, S. Transmission of framed ATM cell streams over satellite: A field experiment [illegible]
Mosca, R. *see* Corno, F. 73233
Mosca, R. *see* Darmo, J. 120154
Mosca, R. *see* Dubecky, F. 120153
Mosca, R. *see* Fornari, R. 94370
Moschegov, N.T. *see* Budantsev, M.V. 105422
Moscheni, F., Dufaux, F. Region merging based on robust statistical testing 86527
Moschopoulos, G., Jain, P., Joos, G. Practical design considerations for a zero-voltage switched power factor correction converter 71420
Moschopoulos, G., Jain, P., Yan-Fei Liu, Geza Joos A zero-voltage switched PWM boost converter with an energy feedforward auxiliary circuit 121569
Moschytz, G.S. *see* Helfenstein, M. 109917
Moschytz, G.S. *see* Osuna, J.A. 86327
Moscicka-Grzesiak, H. *see* Ziomek, W. 69486
Moscinskis, P. *see* Pranevicius, H. 98709
Moscon, F. *see* Giacomozzi, F. 63484
Moscone, D., Venema, K., Korf, J. Ultrafiltrate sampling device for continuous monitoring 101062
Moscoso, M. *see* Bonilla, L.L. 62970
Moscovitch, M. *see* Akselrod, M.S. 110983
Moseev, G.I. *see* Lysko, V.V. 121356
Moseichuk, A.G. Experimental modeling of areally inhomogeneous surface generation of charge carriers in MIS structures 94621
Mosel, F. *see* Albers, D. 69756
Moseley, M.E. *see* Marks, M.P. 90325
Moseley, P.t. Lead/acid battery myths [electric vehicle applications] 112260
Moseley, S.H. *see* Gaidis, M.C. 69890
Moselhy, A.M., Nassar, A.M., El Gazzar, M.A. Analysis and design of microstrip power divider 83349
Moselhy, A.M. *see* Nassar, A.M. 82897
Moselhy, A.M. *see* Nassar, A.M. 83198
Moser, A. *see* Hug, H.J. 75170
Moser, D. *see* Kagel, J.H. 82393
Moser, D.T. *see* Dautartas, M.F. 99506
Moser, E. *see* Backfrieder, W. 101139
Moser, H.-G. *see* Di Ciaccio, L. 100820
Moser, H.G. *see* Mours, B. 100821
Moser, H.G. *see* Mours, B. 120196
Moser, H.O., Ballauff, M., Bechtold, V., Bertagnolli, H., Bialy, J., von Blanckenhagen, P., Bocchetta, C., Bothe, W., Coluzza, C., Danilewsky, A.N., Eichhorn, K.D., Eigenmann, B., Einfeld, D., Friedrich, L., Haller, M., Holtkamp, N., Honecker, V., Hummer, K., Huttel, E., Jacob, J., Kashikin, V., Kircher, J., Klewe-Nebenius, H., Knochel, A., Krussel, A., Kumpe, G., Moller, K.D., Mohr, J., Nagaenko, M., Pantenburg, F.J., Plesko, M., Schaper, J., Schlosser, K., Schulz, G., Schuppler, S., Schweickert, H., Seidel, I., Severgin, Y., Shukeilo, I., Steinbock, L., Steininger, R., Svandrlik, M., Williams, G., Wilson, K., Zegenhagen, J. ANKA, a synchrotron light source for microstructure fabrication and analysis 79772
Moser, J.-F. *see* Tompkin, W.R. 64610
Moser, J.H. *see* Regula, M. 113430
Moser, L.E., Melliar-Smith, P.M., Agarwal, D.A., Budhia, R.K., Lingley-Papadopoulos, C.A. Totem: a fault-tolerant multicast group communication system 67726
Moser, L.E. *see* Chen, X. 87422
Moser, L.E. *see* Inouye, L. 88027
Moser, L.E. *see* Santos, M.D. 87322
Moser, M. Declarative scheduling for optimally graceful QoS degradation 98846
Moser, M. *see* Driesel, W. 110532
Moser, M. *see* Epler, J.E. 96273
Moser, M. *see* Ernst, P. 62711
Moser, M. *see* Fluck, R. 107222
Moser, M. *see* Gulden, K. 96848
Moser, M. *see* Hutchison, A. 90561
Moser, M. *see* Kopf, D. 96227
Moser, M.A. Shorted turn effects in rotary voice coil actuators 71363
Moser, R. Chip resistors: Pulse load capability and current noise 93950
Moser, U.T. *see* Buhrer, A. 90474
Moses, A.J. *see* Dalton, J.J. 69451
Moses, D. *see* Lemmer, U. 64985
Moses, G.A. *see* Chung, H.K. 69641
Moses, J. *see* Pique, A. 82631
Moses, V.N.P. *see* Sastikumar, D. 110459
Moses, W.W., Beuville, E., Ho, M.H. A "Winner-Take-All" IC for determining the crystal of interaction in PET detectors 90311
Moses, W.W. *see* Clancy, R.L. 100954
Moses, W.W. *see* Comanor, K.A. 101279
Moshammer, W. *see* Raubenheimer, T.O. 89662
Moshary, F., Hartmann, S.R. Determination of inhomogeneous character of optical transitions in CdSSe semiconductor nanocrystals at band edge at 300 K 116731
Moshchalkov, V.V. *see* Strunk, C. 95478
Moshchenko, S.P. *see* Bykov, A.A. 105293
Moshchenko, S.P. *see* Bykov, A.A. 105334
Moshchinskii, Y.A. *see* Osin, I.L. 71262
Moshe, E., Dekel, E., Henis, Z., Eliezer, S. Development of an optically recording velocity interferometer system for laser induced shock waves measurements 110383
Moshegov, N.T. *see* Budantsev, M.V. 62896
Moshegov, N.T. *see* Gaisler, V.A. 105322
Moshegov, N.T. *see* Zhuravlev, K.S. 113357
Mosher, D. *see* Efland, T. 105999
Mosher, D. *see* Rose, D.V. 69668
Mosher, D. *see* Young, F.C. 69639
Mosher, J.C. *see* Phillips, J.W. 101336
Moshi Yang *see* Young Byun 63707
Moshiri, S. *see* Ileri, A. 122089
Moshkalyov, S.A., Machida, M., Lebedev, S.V., Campos, D.O. A contribution of vibrationally excited Cl_2 molecules to GaAs reactive ion etching in Cl_2/Ar 94741
Moshkalyov, S.A. *see* Lebedev, S.V. 110513
Moshkov, V.L. *see* Bashkin, A.S. 75810
Mosier-Boss, P.A., Szpak, S., Smith, J.J. The metal-hydrogen system: interphase participation in H-transport 112207
Mosig, J.R. *see* Eleftheriades, G.V. 93886
Mosig, J.R. *see* Eleftherlades, G.V. 104872
Mosig, J.R. *see* Gay-Balmaz, P. 66060
Mosig, J.R. *see* Hall, R.C. 66049
Mosig, J.R. *see* Michalski, K.A. 66063
Mosig, J.R. *see* Skrivervik, A.K.. 66134
Mosimann, D. *see* Dousse, C. 88305
Mosinski, F., Galoch, J. A numerical program for interpretation of the results of chromatographic measurements of gases dissolved in a power transformer oil 91594

Moskal, P. *see* Brauksiepe, S. 100815
Moskalenko, E.S., Akimov, A.V., Kaplyanskii, A.A., Zhmodikov, A.L., Challis, L.J., Cheng, T.S., Foxon, C.T. Effect of nonequilibrium acoustic phonons on exciton states in interrupted grown $GaAs/Al_{0.33}Ga_{0.67}As$ quantum wells 83931
Moskalenko, E.S. *see* Ouali, F.F. 84297
Moskalenko, K.L., Nadezhdinskii, A.I., Adamovskaya, I.A. Human breath trace gas content study by tunable diode laser spectroscopy technique 69946
Moskalenko, V.V. *see* Anisimov, V.A. 103062
Moskaletz, D.O., Rogov, A.N., Ushakov, V.N. Novel space-integrating acousto-optic correlator architecture 64837
Moske, M. *see* Dietrich, S. 84207
Moske, M. *see* Lorenz, T. 64357
Mosko, S.W. *see* Bailey, J.D. 79921
Mosko, S.W. *see* Dowling, D.T. 100713
Mosko, S.W. *see* Meigs, M.J. 79886
Moskovich, J. *see* Kreitzer, M. 64858
Moskovits, M. *see* Routkevitch, D. 105392
Moskowitz, B. *see* Debbe, R. 69751
Moskowitz, C. *see* Talisa, S.H. 84929
Moskowitz, C. *see* Talisa, S.H. 93774
Moskowitz, H. *see* Kim, K.J. 82412
Moskowitz, I.S., Greenwald, S.J., Kang, M.H. An analysis of the timed Z-channel 76682
Moskowitz, I.S. *see* Kang, M.H. 67793
Moskowitz, P.D. *see* Eberspacher, C. 103031
Moskowitz, W.P. *see* Olsen, J.A. 112589
Mosleh, A. *see* Hsueh, K.-S. 81230
Mosleh, A. *see* Hubbard, F.R. 71048
Moslehi, B. *see* Karnett, M. 106208
Moslehi, M.M., Lee, Y.J., Schaper, C., Omstead, T., Velo, L., Kermani, A., Davis, C. Single-wafer process integration and process control techniques 84056
Mosley, J. *see* Jie Hao 92204
Mosman, J. Modular HRSG has an Impact on delivery time 71158
Mosnier, A. *see* Chehab, R. 89714
Mosnier, A. *see* Ferrario, M. 89977
Mospan, L.P. *see* Yeremka, V.D. 75778
Moss, C. *see* Galagedera, S.B. 90216
Moss, C. *see* Galagedera, S.B. 100941
Moss, C.E. *see* Truscott, P.R. 80080
Moss, C.E. *see* Truscott, P.R. 100827
Moss, D., Bazylenko, M.V., Gross, M., Chu, P.L., Faith, M., Leech, P., Kemeny, P., Ibsen, M., Leistiko, O., Poulsen, C.V., Love, J.D., Ladouceur, F.J. UV photosensitivity in PECVD grown germanosilicate waveguides 106823
Moss, D., Ouellette, F., Faith, M., Leech, P., Kemeny, P., Ibsen, M., Leistiko, O., Poulsen, C.V., Love, J.D., Ladouceur, F.J. All optically written planar germanosilicate waveguide gratings 75530
Moss, D. *see* Bazylenko, M.V. 72888
Moss, D. *see* Bazylenko, M.V. 75398
Moss, D.J. *see* Canning, J. 96049
Moss, D.J. *see* Ido, T. 116113
Moss, S.C. *see* Zborowski, J.T. 74322
Mossakowska-Wyszynska, A. *see* Szczepanski, P. 85443
Mossberg, T.W. *see* Sellin, P.B. 116345
Mosse, D. *see* Chrysanthis, P.K. 118619
Mosse, D. *see* Deming Chen 87897
Mosse, D. *see* Field, B. 67756
Mosser, H. Real time imaging service 80380
Mosso, M.M., Gornsztejn, T., Lima, R.A.A. Bias unit for microwave and high speed fiber optic systems 93134
Mosso, M.M., Podcameni, A. MIC-environment dielectric resonator design and analysis 73763
Mosso, M.M., Podcameni, A. Discriminator using a dual-mode dielectric-resonator-loaded cavity for narrowband microwave receiver applications 93194
Mosso, S. *see* Braglia, M. 116052
Mostafa, A.S. *see* Al-Bustani, A. 115264
Mostafa, M.A., El-Hawary, M.E., Mbamalu, G.A.N., Mansour, M.M., El-Nagar, K.M., El-Arabaty, A.M. Effects of prioritizing demand on optimal load shedding policy 111466
Mostafa, M.A. *see* El-Hawary, M.E. 70971
Mostafa, M.G. *see* Islam, S.M. 121431
Mostafavi, M., Agnew, B. Thermodynamic analysis of combined diesel engine and absorption unit–turbocharged engine with intercooling 81335
Mostefaoui, A. *see* Baldoni, R. 109199
Mosterman, P.J., Campbell, J.O., Brodersen, A.J., Bourne, J.R. Design and implementation of an electronics laboratory simulator 112753
Mostert, J., van der Merwe, I. Protecting two or more transformers by an HV bank breaker arrangement utilising motorised isolators–the cost effective option 102245
Mostofi, A. *see* Hatami-Hanza, H. 65482
Mostofi, A. *see* Hatami-Hanza, H. 76146
Mostovljansky, N.S. *see* Khatountsev, A.I. 100096
Mostowfi, D. *see* Corbett, J. 100618
Mostowfi, D. *see* Hettel, R. 100619
Mostrom, M.A. *see* Peratt, A.L. 71613
Moszczynski, E. *see* Scheider, D. 114347
Moszynski, M., Ludziejewski, T., Wolski, D., Klamra, W., Avdejchikov, V.V. Timing properties of GSO, LSO and other Ce doped scintillators 69830
Moszynski, M., Ludziejewski, T., Wolski, D., Klamra, W., Szawlowski, M., Kapusta, M. Subnanosecond timing with large area avalanche photodiodes and LSO scintillator 80054
Moszynski, M., Ludziejewski, T., Wolski, D., Klamra, W., Szawlowski, M., Kapusta, M. Subnanosecond timing with large area avalanche photodiodes and LSO scintillator 101039
Moszynski, M. *see* Pausch, G. 80022
Moszynski, M. *see* Pausch, G. 100928
Mota, W.S. *see* de Moura, A.P. 91126
Mota, W.S. *see* Montero, L.R.R. 111913
Motai, T., Suzuki, K. Development of equivalent circuit model for dynamic off-current in amorphous silicon TFTs 84386
Motaleb, M.S.Abd El *see* Abd El Motaleb, M.S.
Motamed, A., Hwang, C., Ismail, M. Low-voltage four-quadrant analog multiplier 73588
Motamed, A., Hwang, C., Ismail, M. A low-voltage/low-power CMOS opamp architecture 113788
Motamed, A. *see* Changku Hwang 93149
Motamed, A. *see* Changku Hwang 104385
Motamed, M., Sanders, S., Zakhor, A. The double loop sigma delta modulator with unstable filter dynamics: stability analysis and tone behavior 93531
Motamed, M., Zakhor, A., Sanders, S., Te Won Lee Spectral characteristics of the double loop ΣΔ modulator 114016
Motamedi, E. *see* Sankur, H. 95921
Motamedi, M. *see* Jagathesan, S. 80469
Motamedi, M.E., Tennant, W.E., Melendes, R., Gluck, N.S., Park, S., Arias, J.M., Bajaj, J., Pasko, J.G., McLevige, W.V., Zandian, M., Hall, R., Steckbauer, K.G., Richardson, P.D., Cooper, D.E. FPAs and thin film binary optic microlens integration 100116
Motao Huang Marine gravity surveying line system adjustment 70515
Motavalli, M. *see* Rauterberg, M. 119512
Motegi, K. *see* Toda, K. 89510
Motegi, S. *see* Nishida, Y. 71507
Moteki, M. *see* Shiba, T. 84740
Moteki, M. *see* Shiba, T. 109329
Motet, J.-C., Marechal, B. High resolution radar measurement of clutter 68690
Moti Yung *see* Chung-Sheng Li 87724
Moti Yung *see* Frankel, Y. 97489
Moti Yung *see* Young, A. 76753
Motisuke, P. *see* Boschetti, C. 72950
Motisuke, P. *see* Sacilotti, M. 94476
Motko, R.B. *see* Powers, M.A. 81276
Motlan *see* Kumarl, S. 61396
Motlis, Y., Keselman, L.M. Enhanced analytical design method for overhead line conductors in nonlevel spans 121189
Motloch, C.G., Bennett, R.G. Thermo-chemical modeling of internal-reforming SOFCs at the Idaho National Engineering Laboratory 81861
Moto, Y. *see* Suzuki, T. 79156
Motoc, C. *see* Dascalu, C. 75619
Motoda, T. *see* Tada, H. 96250
Motoda, T. *see* Tokumaru, K. 78040
Motogaito, A. *see* Udono, H. 92755
Motohashi, A., Ruike, M., Kawakami, M., Aoyagi, H., Kinoshita, A., Satou, A. Identification of water molecules in low humidity and possibility of quantitative gas analysis using porous silicon gas sensor 110253
Motohashi, H. *see* Konishi, H. 69911
Motohashi, N., Shinohara, H., Furukawa, S., Aizawa, M. Electrically controlled differentiation of PC12 cells on electrode surface 90260
Motohashi, Y. *see* Sakakibara, I. 118671
Motohisa, J. *see* Dixon, D. 74383
Motohisa, J. *see* Dixon, D. 105414
Motohisa, J. *see* Fasol, G. 63806
Motohisa, J. *see* Fukui, T. 61297
Motohisa, J. *see* Kouwenhoven, L.P. 105407
Motojima, O. Operations of LHD 95610
Motojima, O. *see* Hanawa, S. 95571
Motojima, O. *see* Imagawa, S. 95515
Motojima, O. *see* Nishimura, A. 92982
Motojima, O. *see* Satow, T. 95514
Motojima, O. *see* Senba, T. 95438
Motojima, O. *see* Takahata, K. 95516
Motojima, O. *see* Yamada, S. 102176
Motojima, O. *see* Yamaguchi, S. 95600
Motojima, S., Asano, H., Iwanaga, H. Preparation of micro-coiled ZrC fibres by vapour phase metallizing of micro-coiled carbon fibres 92957
Motokawa, M., Nojiri, H., Mitsudo, S., Arai, M., Ubukata, K., Fujita, M., Arakawa, T., Inamura, Y. Cu-Ag alloy Bitter type magnet for repeating pulsed field 96985
Motokawa, M. *see* Kimura, S. 79680
Motokawa, M. *see* Watanabe, K. 95529
Motokawa, T. *see* Shimomura, S. 63572
Motoki, Y. *see* Takenaka, Y. 92180
Motokoshi, S. *see* Uchida, S. 81132
Motokoshi, S. *see* Yasuda, H. 76313
Motomitsu, T., Kuwabara, N., Ideguchi, T., Tokuda, M. Lightning surge test generator for telecommunication equipment 77817
Motomitsu, T., Yamane, H., Hattori, M., Tokuda, M. Method of estimating bit error due to lightning surge taking into account arrester operation 66241
Motomura, K., Hiraki, K., Takano, M. An implementation method of systems management functions for an OSI-based manager 98776
Motomura, K. *see* Aibara, T. 78013
Motomura, M. *see* Aimoto, Y. 73442
Motomura, Y., Ono, A., Takenaka, N. Suppression of isolated noise in the dynamic neutron radiography image by use of mathematical morphology 104239
Motomura, Y. *see* Takenaka, N. 110447
Motooka, S. *see* Yamaguchi, Y. 88702
Motooka, T. Atomistic simulations of amorphization processes in ion-implanted Si: roles of defects during amorphization, relaxation, and crystallization 60814
Motooka, T., Iwanaga, T., Koutani, M. Ellipsometric characterization techniques for Si processing technologies 84048
Motooka, T. *see* Hiroyama, Y. 74101
Motooka, T. *see* Ikoma, Y. 104043
Motorenko, A.P. *see* Makeev, Yu.G. 83361
Motori, A. *see* Bulinski, A. 70913
Motori, A. *see* Montanari, G.C. 91176
Motori, A. *see* Montanari, G.C. 121150
Motornenko, A.F. *see* Makeev, Uj.G. 79667
Motornenko, A.P. *see* Makeev, Yu.G. 73635
Motorny, A.V. *see* Lemanov, V.V. 113358
Motoshima, A. *see* Sagara, K. 120100
Motoshima, K. *see* Miyashita, M. 78702
Motoshima, K. *see* Shimizu, K. 68518
Motov, M.S., Khodos, V.V., Shuleshov, A.O. Fast-response digital accumulator with real-time summation 88929
Motovilov, S.A. *see* Abroyan, M.A. 107127
Motovilov, S.A. *see* Dutov, A.I. 85358
Motovilov, S.A. *see* Dutov, A.I. 85367
Motovilov, S.A. *see* Dutov, A.I. 107082
Motovilov, S.A. *see* Dutov, A.I. 116354
Motowidlo, L.R. *see* Balachandran, U. 115909
Motowidlo, L.R. *see* Hawsey, R.A. 115907
Motowidlo, L.R. *see* Sumption, M.D. 64526
Motowidlo, L.R. *see* Sumption, M.D. 84864
Motoyama, H., Janischewskyj, W., Hussein, A.M., Rusan, R., Chisholm, W.A., Chang, J.-S. Electromagnetic field radiation model for lightning strokes to tall structures 85789
Motoyama, M. *see* Kamatani, Y. 78290
Motoyama, M. *see* Unekawa, Y. 78296
Motoyama, Y., Koike, J. Long-life color DC-PDP with transparent cathode 89275
Motoyama, Y. *see* Ogasawara, Y. 116001
Motoyama, Y. *see* Ushirorawa, M. 89429
Motoyama, Y. *see* Yoshino, S. 119102
Motoyasu, G. *see* Lisboa, O. 64649
Motsoela, T., Smith, P.M. Doubly apodized SAW filters 104665
Mott, D.B. *see* Huang, Z.C. 89108
Mott, D.B. *see* Huang, Z.C. 99989
Mott, E., Pittman, R., Grant, J.W. Development of an optical triplicator for intravital video microscopy of oxygen saturation 120368
Motta, N., Sgarlata, A., De Crescenzi, M., Derrien, J. STM studies of Ge-Si thin layers epitaxially grown on Si(111) 113325
Motta, N. *see* Balzarotti, A. 120138
Motta, V. *see* Zhou, T. 103440
Mottershead, J.E. *see* Friswell, M.I. *(editor)* 92038
Mottet, S. *see* Pleumeekers, J.L. 85107
Mottier, P. *see* Ollier, E. 119158
Mottiwala, A. *see* Rapoport, N. 92255
Motto, E.R. Gate drive techniques for large IGBT modules 82944
Motto, E.R. Gate drive techniques for large IGBT modules 84379
Mottram, A. *see* O'Hagan, S.P. 74370
Mottram, T.T. *see* Bull, C.R. 77235
Motyl, G. *see* Khadraoui, D. 117565
Mou Hu Design of one-vector testable binary systems based on ternary logic 73311
Mou Jianxun *see* Jianxun Mou
Mou Zhi-Jian *see* Zhi-Jian Mou
Mou-Shiung Lin *see* Chin-Kun Wang 105731
Mou-Shiung Lin *see* Wen-Kuan Yeh 74691
Mouaddib, E.M. *see* Capitaine, T. 86698
Mouaddib, E.M. *see* Pegard, C. 79567
Moubaraki, L., Ohya, J., Kishino, F. Realistic 3D facial animation in virtual space teleconferencing 109181
Mouchot, J. *see* Rahman, I.Z. 115589
Mouchot, M.C. *see* Console, E. 120736
Mouchot, M.C. *see* Fiset, R. 120890
Mouchot, M.C. *see* Solaiman, B. 111130
Mouchovski, J.T., Haltakov, I.V., Lyutskanov, V.L. Growth of ultra-violet grade CaF_2 crystals and their application for excimer laser optics 72745
Moudafi, A. On the convergence of the proximal algorithm for saddle-point problems 72537
Moudafi, A. *see* Lehdili, N. 82481
Moudjahed, M., Kauffmann, J.M. Application of superconducting magnetic energy storage unit to improve the damping of synchronous generators in a multimachine system 102668
Mouffron, J.P. *see* Hakansson, P. 100775
Mouftah, H.T. *see* Chen, W. 77622
Mouftah, H.T. *see* Toloo, M. 88348
Mouftah, H.T. *see* Toloo, M. 88377
Mougel, F. *see* Burshtein, Z. 110412
Mougin, E. *see* Demarez, D.V. 120907
Mougin, E. *see* Proisy, C. 111326
Mouillet, A. *see* Aouli, R. 71763
Mouis, M. *see* Ashburn, P. 63583
Mouis, M. *see* Ashburn, P. 63603
Mouis, M. *see* Denorme, S. 84330

Mouis, M. *see* Fornara, P. 84320
Moukhliss, S., Sayouri, S., Fliyou, M. Effects of confined longitudinal optical phonons on the binding energy of the impurity in a quantum well 114723
Moulder, J.E. Biological studies of power-frequency fields and carcinogenesis 90635
Moulding, K.W. *see* Hughes, J.B. 73543
Moulding, K.W. *see* Hughes, J.B. 104732
Moulin, F. *see* Amiranoff, F. 79838
Moulin, F. *see* Amiranoff, F. 89645
Moulin, H. *see* Henriet, D. 77803
Moulin, P. Model selection criteria and the orthogonal series method for function estimation 60820
Moulin, S., Longueville, J.L., Bonnot, A.M. Evolution of the deposited carbon during diamond thin film synthesis evidenced by in-situ optical studies 72911
Moulinard, M.L. *see* Favre, F. 78647
Moulines, E., Choukri, K. Time-domain procedures for testing that a stationary time-series is Gaussian 97783
Moulines, E. *see* Cardoso, J.-F. 117513
Moulot, J., Faur, M., Goradia, C., Goradia, M., Faur, M., Alterovitz, S., Bailey, S. New three-layer antireflection/surface passivating coating for high efficiency III-V compound solar cells 95941
Moult, J. *see* McCullagh, M. 63903
Moulthrop, A.A. *see* Clark, C.J. 100285
Moulu, J. *see* Aubin, G. 99581
Moumneh, B. *see* Elsherbeni, A.Z. 83460
Moumoulidis, G. Analogue network management 108964
Mounaix, P. *see* Lheurette, E. 84303
Moung Ho Lee, Yong Il Jun, Byoung Yoon Cheon, Kwon Chul Park Evaluation and forecasting of PBAs packaging density in an ATM switching system 88032
Mounib, A., Balestra, F., Ghibaudo, G., Mathieu, N., Brini, J., Chovet, A., Chantre, A., Nouailhat, A. Low frequency noise in the base current of polysilicon emitter BJT's after hot-carrier stress 63594
Mounib, A., Ghibaudo, G., Pogany, D., Chroboczek, J.A. Aging and noise in the Si bipolar junction transistor 105898
Mount, D.M., Silverman, R., Wu, A.Y. On the area of overlap of translated polygons 98048
Mountain, B.R.A. *see* Schonbee, C.M. 101833
Mountain, R. *see* Kopp, S. 80078
Mountain, R. *see* Playfer, S. 69749
Mountain, R.J. *see* Seguinot, J. 69714
Mountain, R.W. *see* Gregory, J.A. 106055
Mountanous, P. *see* Zahn, M. 109901
Mountfield, K.R. *see* Chakraborty, A. 64260
Moura, A.P.de *see* de Moura, A.P.
Moura, E. Building the info highway brick-by-brick: a broadband migration path 67834
Moura, E. Demystifying asymmetric data networks: revealing the facts behind the mystery 109919
Moura, F.A.B.F.De *see* De Moura, F.A.B.F.
Moura, J.M.F. *see* Balram, N. 88016
Moura, J.M.F. *see* Kavcic, A. 115787
Moura, L. *see* Borjak, A. 78720
Mourad, A. Doubly-striped disk mirroring: reliable storage for video servers 84947
Moure, M.J. *see* Valdes, M.D. 112802
Mourelatos, A.G. *see* Caloghirou, Y.D. 111718
Mourelo, J.T., Wesel, E.K., Cioffi, J.M. Adaptive DFE for GMSK in indoor radio channels 78051
Mouret, I., Calvet, M.-C., Calvel, P., Tastet, P., Allenspach, M., LaBel, K.A., Titus, J.L., Wheatley, C.F., Schrimpf, R.D., Galloway, K.F. Experimental evidence of the temperature and angular dependence in SEGR [power MOSFET] 74744
Mouret, I., Calvet, M.-C., Calvel, P., Tastet, P., Allenspach, M., LaBel, K.A., Titus, J.L., Wheatley, C.F., Schrimpf, R.D., Galloway, K.F. Experimental evidence of the temperature and angular dependence in SEGR [power MOSFETs] 106025
Mourgue, G. *see* Adam, W. 69709
Mouri, H. *see* Teraguchi, N. 74374
Mouri, M. *see* Hara, S. 77014
Mouri, T. *see* Yoshio, M. 81705
Mourier, T. *see* Vinet, F. 63491
Mourier, T. *see* Vinet, F. 84269
Mourier, T. *see* Vinet, F. 105761
Mourits, F. *see* Tontiwachwuthikul, P. 111781
Mourlas, N.J., Stark, K.C., Mehregany, M., Phillips, S.M. Exploring polysilicon micromotors for data storage micro disks 81496
Mourot, G. *see* Dorr, R. 111724
Mourou, G. *see* Braun, A. 96232
Mourou, G. *see* Walton, D.T. 96146
Mours, B., Boudreau, J., Jacobsen, R.G., Mattison, T., Martin, E.B., Menary, S., Moneta, L., Redlinger, G., Focardi, E., Parrini, G., Scarlini, E., Walther, S., Carr, J., Coyle, P., Drinkard, J., Rousseau, D., Schwemling, P., Bauer, C., Becker, H., Brown, D., Cattaneo, P., Dietl, H., Hauff, D., Holl, P., Lauber, J., Lutz, G., Lutjens, G., Manner, W., Moser, H.G., Schwarz, A.S., Settles, R., Seywerd, H.C.J., Struder, L., Waltermann, G., Batignani, G., Bosi, F., Bosisio, L., Carpinelli, M., Ciocci-Marrocchesi, A., Dell'Orso, R., Forti, F., Giorgi, M., Piccinini, S., Profeti, A., Rizzi, D., Rizzo, G., Tonelli, G., Triggiani, G., Vannini-Castaldi, C., Verdini, P.-G., Walsh, J. Design, construction and performance of the ALEPH silicon vertex detector 100821
Mours, B., Boudreau, J., Jacobsen, R.G., Mattison, T., Martin, E.B., Menary, S., Moneta, L., Redlinger, G., Focardi, E., Parrini, G., Scarlini, E., Walther, S., Carr, J., Coyle, P., Drinkard, J., Rousseau, D., Schwemling, P., Bauer, C., Becker, H., Brown, D., Cattaneo, P., Dietl, H., Hauff, D., Holl, P., Lauber, J., Lutz, G., Luetjens, G., Maenner, W., Moser, H.G., Schwarz, A.S., Settles, R., Seywerd, H.C.J., Strueder, L., Waltermann, G., Batignani, G., Bosi, F., Bosisio, L., Carpinelli, M., Ciocci-Marrocchesi, A., Dell'Orso, R., Forti, F., Giorgi, M., Piccinini, S., Profeti, A., Rizzi, D., Rizzo, G., Tonelli, G., Triggiani, G., Vannini-Castaldi, C., Verdini, P.-G., Walsh, J., Lancon, E., Hansl-Kozanecka, T., Litke, A.M., McNeil, M.A., Taylor, G., Wear, J., Sharma, V., Weber, F. The design, construction and performance of the ALEPH silicon vertex detector 120196
Mousa, A.M. *see* Lee, H. 102287
Mousa, M.S. Electron emission from carbon fibre tips 73970
Mousa, N.H. *see* Abdelghany, A. 94435
Mousavi, A.M. *see* Abedi, M. 71270
Moussa, Z. *see* Jin Wang 107253
Moussaoui, Z., Batarseh, I., Lee, H., Kennedy, C. An overview of the control scheme for distributed power systems 111539
Moussaoui, Z. *see* Bonsall, A. 61650
Moussaoui, Z. *see* Hawasly, S. 112126
Moussaoui, Z. *see* Kornetzky, P. 112064
Moustafa, F. *see* Shehata, S.A.M. 91026
Moustafa, H.M.M. *see* Swidan, M.A. 101988
Moustafa, M.S. Transient analysis of reliability with and without repair for K-out-of-N:G systems with two failure modes 92323
Moustafiades, J. *see* Suzuki, H. 90942
Moustakas, T.D., Vaudo, R.P., Singh, R., Korakakis, D., Misra, M., Sampath, A., Goepfert, I.D. Growth of III-V nitrides by ECR-assisted MBE and fabrication of opto-electronic devices 104058
Moustakas, T.D. *see* Singh, R. 113367
Moustakas, T.D. *see* Wetzel, C. 62704
Moustakerov, I. *see* Kraevski, N. 89198
Moustakides, G.V. *see* Mavridis, P.P. 97722
Mouswsawee, N.A. True on-line color sensing and recognition 82291
Mouthaan, A.J., V.D. Scheer, A.B., Boezen, H.J., Krabbenborg, B., de Graaff, H.C. Layout optimalisation for bipolar power transistors 84322
Mouthaan, A.J. *see* Krabbenborg, B.H. 63595
Mouthaan, A.J. *see* Krabbenborg, B.H. 74667
Mouthaan, A.J. *see* Luchies, J.R.M. 85798
Mouthaan, A.J. *see* Lunenborg, M.M. 84453
Mouthaan, A.J. *see* Lunenborg, M.M. 115353
Mouthaan, A.J. *see* Meneghesso, G. 115363
Mouthaan, T., Petrescu, V., Schoenmaker, W., Groot, F., Angelescu, S., Niehof, J., Profirescu, M.D. Early resistance change modelling in electromigration 84229
Moutinho, H. *see* Li, X. 112366
Moutinho, H. *see* Wang, T.H. 92774
Moutinho, H.R. *see* Dhere, R.G. 112367
Moutinho, H.R. *see* Levi, D.H. 94368
Moutinho, H.R. *see* Levi, D.H. 112368
Moutinho, H.R. *see* Pehnt, M. 104078
Mouton, B. *see* Chehab, R. 89714
Moutsoglou, A., Weng, Y. Performance tests of a Benesh wind turbine rotor and a Savonius rotor 71210
Mouvet, M. *see* Maun, J.-C. 102322
Mouzi-Amady, M., Horwat, F. Evaluation of Hjorth parameters in forearm surface EMG analysis during an occupational repetitive task 90502
Mouzouris, Y., Scharer, J.E., Bettenhausen, M. Antenna coupling and absorption mechanisms in a helicon source operation 108019
Movaghar, A. On queueing with customer impatience until the beginning of service 103564
Movahhedinia, N., Stamatelos, G., Hafez, H.M. A slot assignment protocol for indoor wireless ATM networks using the channel characteristics and the traffic parameters 77736
Movahhedinia, N., Stamatelos, G., Hafez, H.M. Polling-based multiple access for indoor broadband wireless systems 99082
Movtchan, I.A., Marine, W., Dreyfus, R.W., Le, H.C., Sentis, M., Autric, M. Optical spectroscopy of emission from Si-SiO$_x$ nanoclusters formed by laser ablation 94625
Movtchan, I.A. *see* Le, H.C. 92832
Mow, W.H. Capacity bound for a noiseless T-user binary adder channel 76686
Mow, W.H. General limit theorem for n phase Barker sequences 97396
Mow Wai Ho *see* Wai Ho Mow
Mowatt, L. *see* Schaefer, T.M. 62513
Mowbray, D.J. *see* Kowalski, O.P. 63060
Mowbray, D.J. *see* Peggs, D.W. 62971
Mowbray, D.J. *see* Wong, K.S. 75962
Mowbray, J. *see* Kowalski, O.P. 72754
Mowcheng Lee Discrete-time limited 1-customer G/G/1 vacation queueing systems and asymmetric polling systems 87390
Mowry, G. *see* George, P.K. 115727
Mowry, G.S. *see* Fernandez-de-Castro, J.J. 115708
Mowthorpe, D.J. *see* McChesney, J.-J. 113407
Moy, D.W. *see* Nichols, R.A. 99405
Moy, P.C. *see* Heiser, E.A. 94059
Moy, W. *see* Wu, C.C.M. 61437
Moya, A., Mendlovic, D., Garcia, J., Ferreira, C. Projection-invariant pattern recognition with a phase-only logarithmic-harmonic-derived filter 98010
Moyal, A., Rannon, Z.M., Shallom, I.D. Advanced key word spotting algorithm for vocal command recognition in telephone network applications 97616
Moydin, K. *see* Kaku, S. 104347
Moye, K.J. *see* Shahsavari, M.M. 63898
Moyer, G.C., Clements, M., Liu, W. Precise delay generation using the Vernier technique 104646
Moyer, H.P. *see* Daryoush, A.S. 76665
Moyer, L. *see* DiDomizio, J. 111423
Moyers, C. *see* Jones, W. 101114
Moyes, A., Burt, G.M., McDonald, J.R., Capener, J.R., Dray, J.N., Goodfellow, R. Combining design and operational knowledge to enhance generator plant diagnostics 71028
Moyes, I. *see* Farnham, R. 71001
Moylan, C.R., Miller, R.D., Volksen, W., Kulig, J., Lee, V.Y., Twieg, R.J. Thermally stable polymers for application in integrated optics 64782
Moylan, C.R. *see* Burland, D.M. 115995
Moylan, C.R. *see* Miller, R.D. 85642
Moylan, C.R. *see* Wortmann, R. 106757
Moylan, P.J. *see* Liu, R.P. 77773
Moylan, P.J. *see* Yuming Liu 87287
Moyle, J.T.B. The use and abuse of pulse oximetry 90417
Moyne, J. *see* Telfeyan, R. 60574
Moyne, J.R., Najafi, N., Judd, D., Stock, A. A process for selecting a commercial "sensor actuator bus" as an industry interoperable standard 87755
Mozelle, G., Preteux, F. Mobile wavelet method. Application to active contour modeling and surface reconstruction 77362
Mozes, E. *see* Yemini, S.A. 67674
Mozes, M.S. *see* Jayaram, S. 96962
Mozetic, M. *see* Pracek, B. 89170
Mozhaev, N.S., Udintsev, D.N. Conductor with insulating coating in the quasi-steady electric field of a current 114357
Mozhaev, V.G., Weihnacht, M. On the possibility of existence of a new type of interface acoustic waves at 180° ferroelectric domain boundary 106322
Mozhayev, N.S., Udintsev, D.N. Conductor with isolating shell in the quasistationary electrical current field 121145
Mozina, J. *see* Babnik, A. 79470
Mozol', P.E. *see* Baidullaeva, A. 114595
Mozolova, Z. *see* Hascik, S. 115392
Mozolova, Z. *see* Lalinsky, T. 63556
Mozumder, P.K., Chatterjee, A. A statistical methodology as applied to a 256 Mbit DRAM pass transistor design 93385
Mozumder, P.K. *see* Stefani, J.A. 92909
Mozyrsky, D.V. *see* Vladimirov, V.V. 80576
Mpagazehe, C. *see* Elbert, M. 60582
M'Raihi, D., Naccache, D. Batch exponentiation–a fast DLP-based signature generation strategy 76742
Mravic, B. *see* Robinson, P. 103468
Mraz, D.D., Ferrario, B. Next-generation current mode 1 MHz PWM controller IC 82921
Mrden, T., Cvikl, B., Korosak, D. Investigation of the response time of ICB deposited Ag/n-Si(111) Schottky photodiode 74685
Mrden, T. *see* Cvikl, B. 74686
Mrig, L., Hansen, R., Kroposki, B., Strand, T. Results of module and system testing at NREL 112354
Mrig, L. *see* Kroposki, B. 112382
Mrig, L. *see* Strand, T. 103029
Mrig, L. *see* Strand, T. 112383
Mrkic, M. Some aspects of the hydro power plant examinations in the real conditions 81346
Mrkic, M. Equations of the hydro power plant transient processes 91377
Mroczka, T. *see* Maniewski, R. 120426
Mroczkowski, C., Celuch-Marcysiak, M., Gwarek, W.K. Joint application of superabsorption and near-to-far field transform to FDTD analysis of axisymmetrical antennas 65980
Mrowka, S. *see* Celliers, P. 76312
Mroziewicz, B. Broad-area diode lasers with laterally controlled far-field pattern 96408
Mroziewicz, B. *see* Malag, A. 76023
Mrozinski, J. *see* Rogowski, J.B. 80669
Mrozowski, M., Niedzwiecki, M., Suchomski, P. Improved wideband highly dispersive absorbing boundary condition 76515
Mrozynski, G. *see* Neumann, G. 75569
Mruk, I. *see* Pancewicz, T. 119874
Mruzek, M. *see* Bu-Xin Xu 95543
Mruzek, M. *see* Bu-Xin Xu 95544
Mrvic, J. *see* Vukelja, P. 81110
Mrvic, J. *see* Zdravkovic, Z. 81111
M'saad, H. *see* Michel, J. 84117
M'Saad, M. *see* Ferreres, G. 80740
Msaki, P. *see* Lecomte, R. 90351
Msaki, P. *see* Lecomte, R. 90426
Msaki, P. *see* Yao, R. 90357
Msaki, P. *see* Yao, R. 101102
Mtyazaki, K. *see* Takada, H. 75876
Mu, C. *see* Numajiri, K. 104155
Mu, F., Li, H., Forchheimer, R. Automatic extraction of human facial features 86625
Mu, K. *see* Chong, M.N. 90415

Mu, R., Henderson, D.O., Tung, Y.S., Ueda, A., Half, C., Collins, W.E., White, C.W., Zuhr, R.A., Zhu, J.G. Electronic and vibrational spectra of InP quantum dots formed by sequential ion implantation 84105
Mu, R. *see* Henderson, D.O. 61145
Mu, R. *see* Tung, Y.S. 63375
Mu, Y. *see* Varadharajan, V. 118077
Mu, Z. *see* Wang, P.K.U. 82902
Mu Chiao *see* Liwei Lin 64016
Mu Chongjun *see* Yang Deqing 94180
Mu Chundi *see* Chundi Mu
Mu Gu *see* Gu Mu
Mu Guoguang *see* Gao Shengquan 95894
Mu Guoguang *see* Zhai Hongchen 99895
Mu Guoguang *see* Guoguang Mu
Mu Jain *see* Jain Mu
Mu Ruomei *see* Ruomei Mu
Mu Shaolin *see* Shaolin Mu
Mu Tian *see* Arce, G.R. 76938
Mu Xiaodong *see* Xiaodong Mu
Mu Yufeng *see* Wang Siqing 72859
Mu Yuguo *see* Zhao Yunfeng 80932
Mu-Chun Su *see* Ching-Tang Hsieh 117289
Mu-Piao Shih *see* Wu-Jhy Chiu 119080
Mu-Shen Lin, Jan-Bin Lio, Chen, D.Y., Wu-Shiung Feng Primary-side dimming control driver for cold-cathode fluorescent lamps 103151
Mu-Shen Lin *see* Wen-Jung Ho 102878
Mu-Tyan Yan *see* Shiuh-Jer Huang 103186
Mu-Yeh Huang, McBeth, D., Vardeman, S.B. Development test programs for 1-shot systems: 2-state reliability and binary development-test results 113023
Mu-Yi Hua *see* Rung-Ywan Tsai 110406
Mu-Zhon Shao *see* Shi-Cai Qin 84603
Mucchino, C., Goeroeg, T., Zanotti, L., Mignoni, G., Catellani, A. Impurities interactions in the crystal growth of LEC gallium arsenides 61159
Mucchino, C. *see* Gilioli, E. 61160
Muccillo, R. *see* Fonseca, F.C. 115886
Mucciolo, E.R. *see* Bruus, H. 63067
Much, G. *see* Bernards, J.P.C. 106590
Mucha, I. Low-voltage current operational amplifier with a very low current consumption 113778
Mucha, J. Built-in self-test: early developments and future trends 68975
Mucha, J. *see* Zhiliang Hong 83184
Muchaxo, A. *see* Sousa, A. 88168
Muchi, T., Tagami, S., Saito, T. Study of electrostatic lens for CRTS composed of high resistivity ceramics 83718
Muchnoi, N.Yu. *see* Kezerashvili, G.Ya. 120092
Muchoney, D.M., Borak, J., Strahler, A. Global landcover classification validation issues and requirements 120889
Muck, J. *see* Horii, S. 111010
Muck, K., Duftschmid, K., Hick, H. Minimization of the radiation exposure of the population 90652
Mucke, R., Scheumann, B., Slemr, J., Slemr, F., Werle, P. Measurements of formaldehyde by tunable diode laser spectroscopy and the enzymatic-fluorometric method: an intercomparison study 70518
Mucke, R. *see* Popov, A. 65184
Mucke, R. *see* Popov, A. 65271
Mudakannavar, P. *see* Subramanian, K.R. 78126
Mudaliar, S., Lee, J.K. Dyadic Green's functions for a two-layer biaxially anisotropic medium 97038
Mudbhary, B. Designing your first ASIC: an overview 83014
Mudbhary, B. Designing your first ASIC: an overview 84519
Muddu, S. *see* Kahng, A.B. 62538
Muddu, S. *see* Kahng, A.B. 84247
Mudge, J.C. *see* Bergmann, N.W. 67877
Mudhar, P. *see* Capellmann, C. 98825
Mudholkar, M. *see* Pal, S. 104873
Mudra, D.R. *see* Lasserre, A. 70180
Mudron, J. *see* Ballo, P. 105242
Mudukutore, A., Chandrasekar, V., Keeler, R.J. Weather radars with pulse compression using complementary codes: simulation and evaluation 120754
Muecklich, F., Janocha, H. Smart materials–the IQ of materials in systems 72981
Mueen, M. *see* Harrington, R.J. 91694
Muegge, M., Chenoweth, D. 36 bit wide FIFO for deep, bus oriented applications 61912
Muegge, M., Davis, M.G. High performance bidirectional FIFO for bus interface applications 61883
Muegge, M. *see* Amitai, Z. 61995
Muehlig, H. *see* Bluethner, K. 95083
Muehllehner, G. *see* Karp, J.S. 90428
Muehllehner, G. *see* Nellemann, P. 101337
Muehlner, D.J. *see* Gates, J.V. 72294
Muehlner, D.J. *see* Grimes, G.J. 116290
Muehlner, D.J. *see* Wong, Y.M. 119220
Muellejans, H. *see* Duscher, G. 94224
Mueller, B. *see* Lagomarsino, S. 69896
Mueller, C. *see* Rowlette, J.R., Sr. 85078
Mueller, C.H. *see* Knauss, L.A. 95304
Mueller, D. *see* Lhersonneau, G. 80145
Mueller, E. *see* Sutter, P. 61215
Mueller, E.H. *see* Hahn, K.H. 119222
Mueller, E.R. *see* Dai, D. 62301
Mueller, G. *see* Abe, K. 69708
Mueller, G. *see* Abe, K. 69726
Mueller, G. *see* Jung, T. 113279
Mueller, G.O., Mach, R. The efficiency of TFEL devices: revisited 85296
Mueller, H. *see* Arndt, V. 69570
Mueller, H.H., Schulz, M. Conductance modulation of submicrometer metal-oxide-semiconductor field-effect transistors by single-electron trapping 63690
Mueller, H.H. *see* Schulz, M. 95016
Mueller, H.J. Effect of surface preparation on high temperature oxidation of Ni-Cr-Be and Co-Cr alloys 92949
Mueller, I. *see* Glasauer, F.U. 121352
Mueller, J. *see* Pauli, M. 92776
Mueller, J. *see* Reindl, T. 94597
Mueller, J. *see* Schmidt, K.H. 69627
Mueller, J.G., Antao, B.A.A., Saleh, R.A. A multifrequency technique for frequency response computation with application to switched-capacitor circuits with nonlinearities 73079
Mueller, K. *see* Haas, M. 109575
Mueller, K. *see* Haas, M. 109868
Mueller, K.-H. *see* Fuchs, G. 115959
Mueller, K.A., Elmore, D., Rickey, F.A., Simms, P.C., Miller, T.E., Perry, M., Bryant, D.A., Alexander, B., Provin, E., Tran, T., Flack, R., Dep, L., Woo, H.-J. Status of the PRIME lab accelerator upgrade 79787
Mueller, K.A. *see* Hoogduin, J.M. 120201
Mueller, M. New definitions and measures of telecommunications access 67626
Mueller, M. *see* Albers, D. 69756
Mueller, M.A. *see* Williamson, S. 102703
Mueller, M.L., Schement, J.R. Universal service from the bottom up: a study of telephone penetration in Camden, New Jersey 118289
Mueller, O. Cryo-MOSFET and IGBT: a comparison 94986
Mueller, O. *see* Utke, I. 74352
Mueller, P. *see* Masek, J. 110153
Mueller, R., Schueppel, W. Co spinel ferrite powders prepared by glass crystallization 106566
Mueller, R. *see* Filz, T. 74163
Mueller, R.E., Olfert, M., Duley, W., North, T., Hood, J., Sakai, D. Excimer surface treatment to enhance bonding in coated steels 107650
Mueller, R.E. *see* Gu, H. 107640
Mueller, R.O. *see* Gronowski, P.E. 73468
Mueller, T., Brueninghaus, K., Rohling, H. Performance of coherent OFDM-CDMA for broadband mobile communications 78544
Mueller, U., Beusch, W., Boss, M., Engelfried, J., Gerassimov, S.G., Klempt, W., Lennert, P., Martens, K., Newbold, D., Rieseberg, H., Siebert, H.W., Smith, V.J., Thilmann, O., Waelder, G. The recent performance of the Omega RICH detector in experiment WA89 at CERN 69711
Mueller, U. *see* Hauschild, B. 76510
Mueller, W. *see* Ely, R. 117642
Mueller, W. *see* Lamouri, A. 74034
Mueller, W. *see* Lamouri, A. 83704
Mueller-Glaser, K.D. CAD of microsystems–a challenge for systems engineering 115382
Mueller-Huelsbeck, S. *see* Link, J. 90396
Mueller-Vogt, G. *see* Weigel, E. 92670
Mueller-Wipperfuerth, T. On the integration of CAST.FSM into the VLSI design process 93306
Muench, M. *see* Gernhaeuser, R. 69126
Muench, M. *see* Zeitelhack, K. 69712
Muender, H. *see* Frotscher, U. 94250
Muender, H. *see* Krueger, M. 94804
Muenkel, M., Kaiser, F., Hess, O. Spatio-temporal dynamics of multi-stripe semiconductor lasers with delayed optical feedback 116560
Muenstermann, M. *see* Albers, D. 69756
Muenzenberg, G. *see* Schmidt, K.H. 69627
Mues, A. *see* Hanel, R. 101597
Mufel, V.B. *see* Tur, Yu.D. 89603
Muffatto, M. Reorganizing for product development: Honda's case 60532
Mufti, A.H., Mohammad, K.S. Discharge growth development in N_2 and SF_6 75050
Mufti, M.-u.-D., Balasubramanian, R., Tripathy, S.C. Self tuning control of wind-diesel power systems 111863
Mufti, N.A. *see* Lind, L.F. 97397
Muftu, S., Benson, R.C. A study of cross-width variations in the two-dimensional foil bearing problem 75218
Muftu, S. *see* Hinteregger, H. 115729
Muga, F.P., II *see* Caro, J.D.L. 72487
Mugge, M. *see* Holdener, F.R. 100432
Muggli, P., Brogle, R., Jou, S., Doerr, H.J., Bunshah, R.F., Joshi, C. Photoemission from diamond and fullerene films for advanced accelerator applications 79983
Muggli, P. *see* Brogle, R. 90108
Muggli, P. *see* Lai, C.H. 89646
Muggli, P. *see* Mori, W.B. 62598
Mughal, G.R. The influence of temperature on the channel conductance of MOS transistors 63712
Mughal, K. *see* Shetty, S. 70205
Mugikura, Y., Selman, J.R. Meniscus behavior of metals and oxides in molten carbonate under oxidant and reducing atmospheres. I. Contact angle and electrolyte displacement 121862
Muginov, G.D., Venetsanopoulos, A.N. Evaluation of analog to digital conversion error for wideband signals 114038
Mugitani, S. *see* Takayama, J. 118661
Mugiya, Y. *see* Mizutani, M. 81976
Mugnai, A. *see* Pierdicca, N. 90807
Mugnier, J. *see* Bahtat, A. 116072
Mugnier, J. *see* Garapon, C. 92924
Muh-Ling Ger *see* Joseph, E.D. 112587
Muha, M.S. *see* Clark, C.J. 100285
Muhammad Shabra Aiman *see* Aiman Muhammad Shabra
Muhammad Taher Abuelma'atti Linearization techniques for bipolar emitter-coupled pairs: A comparative study 84563
Muhammad Taher Abuelma'atti, Aiman Muhammad Shabra A novel current-conveyor-based universal current-mode filter 83205
Muheim, F. *see* Kopp, S. 80078
Muheim, F. *see* Playfer, S. 69749
Muhieddine, A.A. *see* Bowron, P. 62010
Muhieddine, A.A. *see* Zeng, X. 83213
Muhlbach, G. On Hermite interpolation by Cauchy-Vandermonde systems: the Lagrange formula, the adjoint and the inverse of a Cauchy-Vandermonde matrix 60954
Muhlbauer, A., Muiznieks, A., Panschow, R. Inductive heating of rotationally-symmetrical ferromagnetic steel elements of complicated geometry 91952
Muhlbauer, A. *see* Westphal, E. 71915
Muhlbauer, A. *see* Westphal, E. 122081
Muhlbauer, T.C., Desai, M., Brown, J.A. Automated classification of small jet engine parts 80577
Muhlenbein, H. *see* Voigt, H.-M. 92565
Muhlensiepen, R. *see* Jungbauer, J. 70817
Muhler, A. *see* Andersen, C. 80280
Muhler, R., von Specht, H. Digital filtering of individual auditory brainstem response samples 70104
Muhler, R. *see* Piater, J. 70103
Muhlfeld, H.P. *see* O'Gorman, T.J. 73332
Muhlfeld, H.P. *see* Ziegler, J.F. 72344
Muhlfeld, H.P. *see* Ziegler, J.F. 72394
Muhr, G.T. *see* Mackenzie, J.D. 103877
Muhua Cheng *see* Cheng Muhua
Muir, A., Garcia-Luna-Aceves, J.J. Distributed queue packet scheduling algorithms for WDM-based networks 87796
Muirhead, B.K. Mars Pathfinder flight system design and implementation 90676
Muirhead, C.R., Boice, J.D., Jr., Raddatz, C.T., Yoder, R.C. Comparison of dose histories for U.S. nuclear power plant workers, based on records held by a major dosimetry service company and on the ARC REIRS database 70295
Muiznieks, A. *see* Muhlbauer, A. 91952
Muiznieks, A. *see* Westphal, E. 71915
Muiznieks, A. *see* Westphal, E. 122081
Mujica, A. *see* Rodriguez-Hernandez, P. 62796
Mujica, V., Kemp, M., Roitberg, A., Ratner, M. Current-voltage characteristics of molecular wires: Eigenvalue staircase, Coulomb blockade, and rectification 73895
Mujumdar, A., Jain, R., Saluja, K. Incorporating performance and testability constraints during binding in high-level synthesis 113887
Muka, E. *see* Slone, R.M. 90326
Mukai, E. *see* Hoshino, T. 102651
Mukai, E. *see* Tsukiji, H. 81402
Mukai, H. Expansion of LSI technology in accordance with customer needs 74785
Mukai, H. *see* Kasuu, O. 84869
Mukai, H. *see* Watanabe, Y. 61898
Mukai, H. *see* Watanabe, Y. 93381
Mukai, H. *see* Yoshitomi, J. 84871
Mukai, J., Kurita, T., Kaminade, T., Hara, H., Toyooka, T., Itoh, H. A liquid-crystal polymer film for optical applications 85116
Mukai, K. *see* Kimura, H. 109188
Mukai, K. *see* Makino, N. 89440
Mukai, K. *see* Miwa, Y. 114060
Mukai, K. *see* Shoji, H. 96278
Mukai, K. *see* Shoji, H. 116493
Mukai, K. *see* Tanaka, N. 68842
Mukai, M., Okano, T., Nishimoto, S., Kitani, I., Arii, K. Study on degradation diagnosis of partial discharge in a void by wavelet analysis 64056
Mukai, M. *see* Doi, K. 82233
Mukai, S. *see* Brandl, D. 89573
Mukai, S. *see* Itoh, H. 85223
Mukai, S. *see* Itoh, H. 89572
Mukai, S. *see* Watanabe, M. 96346
Mukai, T., Ishikawa, M. An active sensing method using estimated errors for multisensor fusion systems 66850
Mukai, T. *see* Kurz, P. 65315
Mukai, T. *see* Kurz, P. 107336
Mukai, T. *see* Levanon, A. 95674
Mukai, T. *see* Shimokawa, K. 84806
Mukaida, H. *see* Komeda, T. 74589
Mukaida, L. *see* Bice, S.D. 87574
Mukaida, M. *see* Mitani, S. 116002
Mukaida, M. *see* Watanabe, A. 83882
Mukaidono, M. *see* Takagi, N. 73309
Mukaigawa, Y., Nakamura, Y., Ohta, Y. Synthesis of arbitrarily oriented face views from two images 87131
Mukaihara, T. *see* Hatori, N. 107354
Mukaihara, T. *see* Takahashi, M. 65299
Mukainakano, S. *see* Yamada, Y. 106277
Mukasa, T., Ogino, N., Nakao, K., Wakahara, Y. Proposals of call modeling for intelligent network over broadband ISDN 78152
Mukerjee, M.R. *see* Khalil, I. 77876

Mukerjee, S., McBreen, J., Reilly, J.J., Johnson, J.R., Adzic, G., Kumar, M.P.S., Zhang, W., Srinivasan, S. Effect of Ce composition on the structural and electronic characteristics of some metal hydride electrodes: a XANES and EXAFS investigation 71643
Mukerjee, S. *see* Adzic, G.D. 71642
Mukerjee, S. *see* Thurston, T.R. 91714
Mukerji, R. *see* Clayton, R.E. 90988
Mukhamedyarov, R.D., Gorbunov, N.I., Filatov, N. Informative value of the far-IR range in remote Earth sensing for natural resources and environmental protection 70444
Mukherjee, A. A proof of quasi-independence of sliding window flow control and go-back-n error recovery under independent packet errors 67584
Mukherjee, A., Joy Eapen, B., Baral, S.K. Laser processing of integrated optic waveguides for photonic applications 116100
Mukherjee, A. *see* Basu, S. 87789
Mukherjee, A. *see* Franceschini, R. 76748
Mukherjee, A. *see* Franceschini, R.W. 86230
Mukherjee, A. *see* Mukherjee, B. 118483
Mukherjee, A. *see* Saha, D. 67854
Mukherjee, A. *see* Saha, D. 98575
Mukherjee, B., Banerjee, D., Ramamurthy, S., Mukherjee, A. Some principles for designing a wide-area WDM optical network 118483
Mukherjee, B., Clerke, W., Kron, T. Application of lithium fluoride dosemeters (TLD-600) in the photoneutron field mapping of a medical linear accelerator 120564
Mukherjee, B. *see* Banerjee, D. 68430
Mukherjee, B. *see* Banerjee, D. 78730
Mukherjee, B. *see* Borella, M.S. 77945
Mukherjee, B. *see* Guha, B. 87788
Mukherjee, B. *see* Iness, J. 78905
Mukherjee, B. *see* Jue, J.P. 77946
Mukherjee, B. *see* Tridandapani, S. 78102
Mukherjee, B. *see* Tridandapani, S.B. 88517
Mukherjee, B.K. *see* Sherrit, S. 106347
Mukherjee, C. *see* Panwar, O.S. 105540
Mukherjee, D. *see* Kadhim, N.J. 104003
Mukherjee, D. *see* Parris, P.K. 110208
Mukherjee, D. *see* Sung-Hwan Jung 77108
Mukherjee, D.P., Brady, M. Symmetry analysis through wave propagation 98231
Mukherjee, D.P. *see* Ashroff, S. 70230
Mukherjee, D.P. *see* Banerjee, S. 69938
Mukherjee, J. *see* Jagdish, S. 77220
Mukherjee, J. *see* Kumar, M. 98233
Mukherjee, J. *see* Wernick, M.N. 101330
Mukherjee, J.K. Performance enhancement of multiple axes servo control system for laser machining robot 112023
Mukherjee, M. *see* Bhagwat, A. 76461
Mukherjee, M.K. *see* Majumdar, B. 106007
Mukherjee, R., Jain, J., Fujita, M., Abraham, J.A., Fussell, D.S. On more efficient combinational ATPG using functional learning 93322
Mukherjee, R., Samarajiva, R. Regulating "caller ID": emulation and learning in US state-level telecommunication policy processes 118288
Mukherjee, R. *see* Cuddapah, R. 101028
Mukherjee, R. *see* Tewari, R. 98849
Mukherjee, S. Power integrated circuits and their applications in power conversion systems 71547
Mukherjee, S., Nayar, S.K. Automatic generation of RBF networks using wavelets 86358
Mukherjee, S. *see* Kuo, C.Y. 88641
Mukherjee, S. *see* Saha, D. 87336
Mukherjee, S.S., Falsafi, B., Hill, M.D., Wood, D.A. Coherent network interfaces for fine-grain communication 77941
Mukherjee, U.K. *see* Chattopadhyay, K.C. 60859
Mukhin, V.V. *see* Shembel, E.M. 112175
Mukhin, V.V. *see* Shembel, E.M. 112236
Mukhin, Yu.D. *see* Mikhlyaev, S.V. 121349
Mukhin, Y.V. *see* Evako, A.V. 60866
Mukhopadhyay, A.K. *see* Das, A. 121025
Mukhopadhyay, A.K. *see* Das, A. 121505
Mukhopadhyay, K. *see* Pal, P.K. 121879
Mukhopadhyay, M., Basu, S. Radiation damage of gallium antimonide–effect on electrical and optical properties 83824
Mukhopadhyay, M., Ray, S.K., Maiti, C.K. Microwave plasma nitridation of Si(100), Ge(100), and $Si_{1-x}Ge_x$ surfaces: a comparative study 84153
Mukhopadhyay, M., Ray, S.K., Maiti, C.K. Oxidation studies on strained SiGe layer using microwave oxygen plasma 105678
Mukhopadhyay, M. *see* Bera, L.K. 105458
Mukhopadhyay, N.K. Superconducting cyclotron project–a status report 69674
Mukhopadhyay, S.C., Pal, S.K., Roy, D., Bose, S. Software aided derating and performance prediction of cage-rotor induction motors under distorted supply conditions 111957
Mukhopadhyaya, K. *see* Gupta, S.S. 93015
Mukhtarov, P., Pancheva, D. Modelling of the electron density profile in the lowest part of ionosphere D-region on the basis of radiowave absorption data. 1. Theoretical model 107897
Mukhtarov, P., Pancheva, D. Modelling of the electron density profile in the lowest part of ionosphere D-region on the basis of radiowave absorption data. 2. Seasonal variations 107898
Mukhtarova, R.I. *see* Aliev, A.A. 106960
Mukhurov, N.I. *see* Grigoriscin, I.L. 73840
Mukhurov, N.I. *see* Grigorishin, I.L. 74040
Mukkamala, R. *see* Maly, K.J. 118346
Mukkamala, R. *see* Maly, K.J. 118500
Mukkavilli, S. *see* Patel, R.S. 84220
Mukkavilli, S. *see* Patel, R.S. 94871
Mukohzaka, N. *see* Igasaki, Y. 85132
Mukohzaka, N. *see* Toyoda, H. 87245
Mukohzaka, N. *see* Yoshida, N. 85131
Mukoujima, T., Shinbo, A., Maeda, H., Satou, H. 10 Gbit/s optical transmission system 99548
Mukoyama, S. *see* Haseyama, S. 85903
Mukuda, T. *see* Okazaki, T. 110804
Mukumoto, K. *see* Gang Wu 68281
Mukumoto, K. *see* Gang Wu 78522
Mukumoto, K. *see* Nagasawa, M. 88449
Mukunashi, K. *see* Naito, A. 99695
Mukundan, R. *see* Ramakrishnan, K.R. 97920
Mul, R. *see* Henley, F.J. 89425
Mulansky, B., Schmidt, J.W. Constructive methods in convex C^2 interpolation using quartic splines 60929
Mulcahy, T.M., Hull, J.R., Uherka, K.L., Abboud, R.G., Wise, J.H., Carnegie, D.W., Bakis, C.E., Gabrys, C.W. A permanent-magnet rotor for a high-temperature superconducting bearing 95617
Mulcahy, T.M. *see* Hull, J.R. 106732
Mulchi, C.L. *see* Leblanc, E. 120888
Muldavin, J.B. *see* Luppov, V.G. 120085
Mulder, E. *see* Akay, M. 120260
Mulder, F.M. *see* Middleton, D.P. 64216
Mulder, J., Van der Woerd, A.C., Serdijn, W.A., Van Roermund, A.H.M. High-swing cascode MOS current mirror 82970
Mulder, M.C. *see* Zia, L.L. 112765
Mulgaonkar, P.G. *see* Myers, G.K. 67490
Mulger, J.P., III, Brookeman, J.R. Off-resonance image artifacts in interleaved-EPI and GRASE pulse sequences 120344
Mulgrew, B., Warner, E.S., Grant, P.M. A Bayesian receiver for asynchronous code division multiple access communications 86299
Mulgrew, B. *see* Altuna, J. 77550
Mulgrew, B. *see* Chen, S. 108747
Mulgrew, B. *see* Grant, P.M. 108253
Mulgrew, B. *see* Thompson, J.S. 66718
Mulgrew, B. *see* Yoo-Sok Saw 117740
Mulhall, P.A. *see* Davis, S.J. 107053
Mulhall, S., Foelsche, H., Ganetis, G., Greene, A., Kelly, E., Plate, S., Willen, E. Combined element magnet production for the Relativistic Heavy Ion Collider (RHIC) at BNL 95576
Mulhall, S. *see* Greene, A. 90033
Mulhall, S. *see* Trbojevic, D. 89911
Mulhollan, G., Clendenin, J., Saez, P., Schultz, D., Tang, H., Pang, A.W., Hopster, H., Trantham, K., Johnston, M., Gay, T., Johnson, B., Magugumela, M., Dunning, F.B., Walters, G.K., Hanne, G.F. A derivative standard for polarimeter calibration 90109
Mulhollan, G. *see* Saez, P. 90076
Mulhollan, G.A. *see* Tang, H. 120118
Mulholland, G. *see* Burgett, W. 79856
Mulholland, G. *see* Childs, K.D. 103401
Mulholland, J.E., Cadogan, S.A. Intersatellite laser crosslinks 88604
Mulholland, J.E., Heissler, J.R. A development of the admittance matrix of diode mixers 73694
Mulivhill, J. Are you cured? [UV curing] 94034
Mulkens, J., Stoeldraijer, J., Rogoff, R., de Klerk, J., Jenkins, P., Wangler, J., Kalmbach, G., Rupp, W., Piper, E. High-throughput wafer stepper with adjustable illumination modes 84276
Mulkern, R.V. *see* Habboush, I.H. 90327
Mulkern, R.V. *see* Williamson, D.S. 69998
Mulkins, C. *see* Dick, E.P. 102892
Mulkins, C.S. *see* Marttila, R.J. 101693
Mulkins, C.S. *see* Marttila, R.J. 102912
Mulla, B.A. *see* Porji, S.G. 74281
Mullan, C.A., Kiely, C.J., Yakushev, M.V., Imanieh, M., Tomlinson, R.D., Rockett, A. The effects of ion implantation on the microstructure of $CuInSe_2$ single crystals 63237
Mullan, C.A., Robinson, B.J., Thompson, D.A., Weatherly, G.C. Growth of ternary and quaternary compounds on non-planar InP substrates 103894
Mullen, E.G. *see* Gussenhoven, M.S. 70480
Mullen, G.L. Combinatorial methods in the construction of point sets with uniformity properties 60864
Mullen, J.A.M.van der *see* van der Mullen, J.A.M.
Mullen, K.T. *see* Metha, A.B. 117626
Mullen, L., Herczfeld, P.R. Full scale hybrid lidar-radar system 99640
Mullen, L., Vieira, A., Herczfeld, P.R., Contarino, V.M. A microwave-modulated lidar system for underwater target detection 79009
Mullen, L., Viera, A., Herczfeld, P.R., Contarino, V.m. Experimental and theoretical analysis of a microwave modulated LIDAR system 79013
Mullen, L. *see* Contarino, V.M. 99669
Mullen, L. *see* Vieira, A.J.C. 99659
Mullen, R.L. *see* Kahn, H. 74951
Mullenborn, M., Dirac, H., Petersen, J.W., Bouwstra, S. Fast three-dimensional laser micromachining of silicon for microsystems 84623
Mullenborn, M. *see* Madsen, S. 84270
Mullender, S.J. *see* Linnenbank, G.R.J. 77693
Mullenhoff, C.J. *see* Miller, M.G. 109754
Mullenix, P. *see* Black, A. 112977
Muller, A. Flat chip resistors 83552
Muller, A. *see* Dozsa, L. 115151
Muller, A. *see* Hayakawa, Y. 92666
Muller, B. *see* Biermann, E. 63285
Muller, B. *see* Muller, U. 116950
Muller, B.G. *see* Prins, M.W.J. 75056
Muller, C., Veitch, P., Magill, E.H., Smith, D.G. Emerging AI techniques for network management 77871
Muller, C. *see* Walter, T. 114706
Muller, C.A.P. *see* Fox, G.R. 75593
Muller, C.A.P. *see* Fox, G.R. 85151
Muller, C.H. Optimal breakdown point maximizing designs 92381
Muller, D. *see* Abe, K. 69708
Muller, D. *see* Abe, K. 69726
Muller, D. *see* Chaumette, E. 68612
Muller, D. *see* Desodt, G. 68682
Muller, D. *see* Kantor, Z. 94690
Muller, E. *see* Kluth, M.P. 104550
Muller, E. *see* Larue de Tournemine, R. 72175
Muller, E. *see* Strutz, T. 66758
Muller, E. *see* Sutter, P. 113320
Muller, E. *see* Wiener, E. 101272
Muller, F. On rate-distortion bounds of sub-Gaussian random vectors 66192
Muller, F., Eickhoff, H. Efficient monitoring and diagnosis for hydro powerplants 121391
Muller, F., Geischlager, F. Vector quantization of spherically invariant random processes 66461
Muller, F., Illgner, K., Praefcke, W. Embedded Laplacian pyramid still image coding using zerotrees 67016
Muller, F. *see* Gelloz, B. 94645
Muller, F. *see* Hory, M.A. 94271
Muller, F. *see* Hotter, M. 86624
Muller, F. *see* Illgner, E. 66992
Muller, F. *see* Lerondel, G. 94260
Muller, F.R. *see* Sunde, S. 81788
Muller, G., Banatre, M., Peyrouze, N., Rochat, B. Lessons from FTM: an experiment in design and implementation of a low-cost fault tolerant system 83143
Muller, G., Beuthan, J., Minet, O. Laser-generated diffusion tomograms in the near infrared 98197
Muller, G. *see* Boebinger, G.S. 105423
Muller, G. *see* Dill, R. 104671
Muller, G. *see* Keller, R. 93741
Muller, G. *see* Krotz, G. 104057
Muller, G. *see* Leitner, J. 121041
Muller, G. *see* Mesecke-von Rheinbaben, I. 80433
Muller, G. *see* Moller, H. 105355
Muller, G. *see* Peyrouze, N. 98668
Muller, G. *see* Pupeter, N. 73964
Muller, G. *see* Pupeter, N. 83706
Muller, G. *see* Pupeter, N. 119977
Muller, G. *see* Schienle, M. 68472
Muller, G. *see* Wenger, G. 119194
Muller, G. *see* Wolf, R.M. 95302
Muller, G. *see* Zemke, D. 92679
Muller, G.A. *see* Wagner, D. 73633
Muller, G.H., Landy, C.F. Vibrations produced in squirrel cage induction motors having broken rotor bars and interbar currents 81473
Muller, G.H., Landy, C.F. Detection of broken rotor bars by axial vibrations produced in squirrel cage induction motors having interbar currents 102698
Muller, H. Long-term security of electrical and control engineering equipment in nuclear power stations to withstand a loss of coolant accident 102390
Muller, H. *see* Belomestnykh, S. 89897
Muller, H. *see* Hodge, J.D. 70994
Muller, H. *see* Hollemann, G. 107165
Muller, H. *see* Knobloch, J. 100492
Muller, H. *see* Padamsee, H. 100471
Muller, H.-K. *see* Hutten, A. 115642
Muller, J. Green cleaning–the demands of environmental protection are changing the electronics industry 60744
Muller, J. Transformation methods for a fast analysis of reflection effects on printed circuit boards 62453
Muller, J., Mankowski, V., Hilleringmann, U., Goser, K., Holmes, A., Gelsen, O., Stern, R. Conjugated polymers for CMOS compatible applications 85313
Muller, J., Riecke, H., Tuschick, T. Synthesis of 3D-inductors with optimized RF-performance 104961
Muller, J., Thust, H., Drue, K.H. RF-design considerations for passive elements in LTCC material systems 93940
Muller, J. *see* Gutt, H. 122032
Muller, J. *see* Sander, D. 95708
Muller, J. *see* Schienle, M. 68472
Muller, J. *see* Wenger, G. 119194
Muller, J. *see* Williams, K.A. 65245
Muller, J.-E. *see* Siweris, H.J. 114309
Muller, J.-M. *see* Cellario, L. 118697
Muller, J.-P. *see* Shin, D. 77462
Muller, J.-P. *see* Taejung Kim 77213
Muller, J.C. *see* Monna, R. 82615
Muller, J.P. *see* Fischer, K. 87844
Muller, K. *see* Eichhorst, M. 81410
Muller, K.-H., Lei Cao, Dempsey, N.M., Wendhausen, P.A.P. Sm_2Fe_{17} interstitial magnets 64265
Muller, K.-H. *see* Rave, W. 115502
Muller, K.-H. *see* Wirth, S. 115556
Muller, K.D. *see* Lauter, J. 80070
Muller, K.D. *see* Lauter, J. 101031

Muller, L., Hecht, M.H., Miller, L.M., Rockstad, H.K., Lyke, J.C. Packaging and qualification of MEMS-based space systems 80558
Muller, L. *see* Knoche, T. 85063
Muller, M., Arce, G.R. Truncation artifacts in tomographic reconstructions from projections 101134
Muller, M., Fink, D. On the difference in damage distributions of N^+ single ion and N_2^+ molecular ion irradiation of silicon at high doses 84079
Muller, M., Hermann, J. Modelocking of solid-state lasers by use of a slow saturable quantum-well absorber 107430
Muller, M. *see* Brakenhoff, G.J. 98285
Muller, M. *see* Gatz, S. 116459
Muller, M. *see* Herrmann, J. 96572
Muller, M. *see* Protzmann, H. 103889
Muller, M. *see* Schmiedel, H. 83321
Muller, M. *see* Stroetmann, K. 93036
Muller, M.W. *see* Dhagat, P. 75223
Muller, M.W. *see* Porter, D.G. 64446
Muller, N. *see* Knupfer, B. 99510
Muller, N.J. Integrating into the global client/server network: an evaluation of Internet applications 98697
Muller, P., Fach, A., John, J., Masek, J., Paglino, C., Zogg, H. Properties of expitaxial $Pb_{1-x}Sn_xSe$ on CaF_2 covered Si(111) substrates 114846
Muller, P., Kern, R. The physical origin of the two-dimensional towards three-dimensional coherent epitaxial Stranski-Krastanov transition 113317
Muller, P. *see* Conrad, E. 91751
Muller, P. *see* Ducke, E. 105711
Muller, P. *see* Paglino, C. 69234
Muller, P. *see* Veith, M. 115884
Muller, P. *see* Zogg, H. 69274
Muller, P. *see* Zogg, H. 72831
Muller, P.O. *see* Vickers, A.J. 107257
Muller, R., Koller, B., Hildebrand, T., Laib, A., Gianolini, S., Ruegsegger, P. Resolution dependency of microstructural properties of cancellous bone based on three-dimensional μ-tomography 90299
Muller, R. *see* Harboe-Sorensen, R. 61877
Muller, R. *see* Klehr, A. 107353
Muller, R. *see* Lescroart, G. 107419
Muller, R. *see* Zanger, E. 107531
Muller, R.E. *see* Lin, L.Y. 110162
Muller, R.E. *see* Sarusi, G. 69295
Muller, R.S. *see* Daneman, M.J. 106256
Muller, R.S. *see* Judy, J.W. 84646
Muller, R.S. *see* Meng-Hsiung Kiang 74937
Muller, R.S. *see* Tien, N.C. 85550
Muller, R.S. *see* Tien, N.C. 95237
Muller, R.W. *see* Hofmann, I. 69647
Muller, S. *see* Brauninger, H. 90702
Muller, S. *see* Haupt, M. 82633
Muller, S. *see* Haupt, M. 92780
Muller, S. *see* Schonhut, J. 63078
Muller, S. *see* Troike, M. 113991
Muller, S.H. *see* de Munck, J.C. 120294
Muller, S.M., Paul, W.J. Making the original scoreboard mechanism deadlock free 83172
Muller, T., Rohling, H. DGPS-broadcast over terrestrial and aeronautical mobile radio channels 79083
Muller, T.B. *see* Jones, R.A. 69997
Muller, T.B. *see* Sebastiani, G. 80265
Muller, T.J., Holfort, J., Delahoyde, F., Williams, R. MKIIIB-CTD: improving its system output 70503
Muller, U., Muller, B., Beyer, A. Coarseness error reduction in the two-dimensional TLM method: a comparison of measures 116950
Muller, V. Elimination of specular surface-reflectance using polarized and unpolarized light 67316
Muller, V. *see* Denny, T.F. 103766
Muller, V. *see* Meyer, B. 86067
Muller, V. *see* Pulvermuller, F. 101362
Muller, W. *see* Kugler, R. 91678
Muller, W.F.O. *see* Dohlus, M. 89660
Muller-Gartner, H.W. *see* Weber, S. 101109
Muller-Glaser, K.D. *see* Winter, A. 73056
Muller-Glaser, K.D. *see* Wunder, B. 82843
Muller-Glaser, K.D. *see* Wunder, B. 113669
Muller-Gorges, M.-R. *see* Knuttgen, D. 90530
Muller-Gronbach, T. Asymptotically optimal designs for approximating the path of a stochastic process with respect to the L^∞-norm 92382
Muller-Pfeiffer, S. *see* Schneider, M. 75125
Muller-Reinhart, M. *see* Lutter, P. 117277
Mullick, S.K. *see* Kumar, A. 86144
Mullie, J. *see* Abbes, M. 90145
Mulligan, J. Fast calibrated stereo vision for manipulation 86770
Mulligan, W.P. *see* Coutts, T.J. 94373
Mullin, C.S. *see* Kim, D. 96719
Mullin, J.B. *see* Ahmed, M.U. 74238
Mullin, J.B. *see* Malzbender, J. 63240
Mullineux, G. *see* Medland, A.J. 92280
Mullins, B. Reworking ball grid array assemblies 112946
Mullins, C.B. *see* Ferguson, B.A. 82591
Mullins, C.B. *see* John, S. 114569
Mullins, C.B. *see* Pacheco, K.A. 92739
Mullins, C.B. *see* Sellidj, A. 72759
Mullins, J., Wynne, S., Slye, F. Development and integration of a dispatcher training simulator for ESB national grid 91023
Mullins, J.T. *see* Massa, J.S. 74371
Mullins, J.T. *see* Trager-Cowan, C. 75953
Mullins, L.E. *see* Yamamoto, R.M. 90187
Mullins, M., Bayford, R., Van Putten, A., Butcher, J. Design and fabrication of single-chip intelligent silicon thermal flow sensors in standard CMOS technology 69048
Mullins, R.T. *see* Miller, D.L. 70425
Mullins, W.W. Remarks on the evolution of materials science 113267
Mullis, C.T. *see* Aas, K.C. 76788
Mullner, E. *see* Schopflin, A. 119208
Mullner, W. *see* Garn, H. 85888
Multani, M., Mishra, V.K. Progress in superconductivity: the Indian scenario 115891
Mulvihill, M.L., Seung Eek Park, Risch, G., Uchino, K., Shrout, T.R. The role of processing variables in the flux growth of lead zinc niobate-lead titanate relaxor ferroelectric single crystals 92660
Mulyarchik, S.G. *see* Bielawski, S.S. 72581
Mumcuoglu, E. *see* Cherry, S.R. 90348
Mumcuoglu, E. *see* Cherry, S.R. 101340
Mumcuoglu, E.U., Leahy, R.M., Cherry, S.R. Bayesian reconstruction of PET images: methodology and performance analysis 110687
Mumcuoglu, E.U., Leahy, R.M., Zhou, Z., Cherry, S.R. A phantom study of the quantitative behavior of Bayesian PET reconstruction methods 101327
Mumford, D. *see* Song Chun Zhu 86440
Muminov, R.A. *see* Dzhuliev, Kh.Kh. 103196
Muminov, R.A. *see* Gulamova, M.A. 81874
Muminov, R.A. *see* Zaveryukhin, B.N. 114808
Mumma, C.G. *see* D'Souza, M.F. 69966
Mummler, K. *see* Eversheim, P.D. 120080
Mumola, P. *see* McHugh, T. 105530
Mumola, P.B., Gardopee, G.J., Mathur, D.P., Siniaguina, O. Recent advances in thinning of bonded SOI wafers by plasma assisted chemical etching 63152
Mumolo, E., Agati, P. Fractal models of discrete sequences with genetic optimization 86208
Mumolo, E. *see* Carminelli Gregori, A.M. 77523
Mun, J.K., Lee, J.-M., Kim, H., Lee, B.-T., Pyun, K.-E., Park, H.-M. Thermal degradation mechanism of Au-Pt-Ti-GaAs Schottky gate of MESFETs 84478
Mun, S.K., Freedman, M. The role of PACS in redesigning the radiologic practice 80376
Mun, S.K. *see* Hasegawa, A. 69936
Mun, S.K. *see* Komo, D. 110814
Mun, S.K. *see* Li, H. 70101
Mun, S.K. *see* Tohme, W.G. 90258
Mun, S.K. *see* Tohme, W.G. 110808
Mun, S.K. *see* Tohme, W.G. 110865
Mun, S.K. *see* Yue Wang 70020
Mun, S.K. *see* Zajtchuk, R. *(editor)* 72073
Mun Dae-Sik *see* Dae-Sik Mun
Mun Geon Kyeong Exploiting discrete TOA randomization in local wireless communication networks 67969
Mun Geon Kyeong, Kichul Han Performance of DS/SS local wireless multi-packet reception system 68182
Mun Kim Hyung *see* Hyung Mun Kim
Mun Lee Pui *see* Pui Mun Lee
Mun Lee Wai *see* Wai Mun Lee
Mun Seong Ki *see* Seong Ki Mun
Mun Sin-Myeong *see* Sin-Myeong Mun
Mun Youngsong *see* Youngsong Mun
Mun-Kyu Park *see* Min-Ki Kim 67489
Munaka, T., Yoshimi, K., Nakanishi, H., Yamada, Y., Iijima, K., Kano, I. Fabrication of thin-film fluxgate magnetic sensor 99964
Munakata, C. *see* Shimizu, H. 89553
Munakata, T., Kashima, Y., Kusumoto, S., Matoba, A., Takano, H. High-power 1.625-μm strained multiple-quantum-well lasers as a light source for optical time-domain reflectometers 65228
Munakata, T., Kashima, Y., Kusumoto, S., Matoba, A., Takano, H. 1.625-μm high power lasers for OTDR monitoring systems for optical transmission lines 79735
Munamarty, R. *see* Gannamani, R. 60647
Munari, I.De *see* De Munari, I.
Munasypov, R.N. *see* Kovalev, V.P. 83567
Munch, J. *see* Atanackovic, P.B. 75641
Munch, U. *see* Maier, G. 92201
Munch, W.von *see* von Munch, W.
Munck, J.C.de *see* de Munck, J.C.
Mund, B. EMC measurements on cables. I 104911
Mund, B. Triaxial tests for EMC of cables up to 3 GHz. II 107958
Munday, D.J. *see* Beck, G.A. 69775
Munder, H. *see* Loni, A. 95742
Mundschau, M. *see* Wang Jiyang 64301
Mundt, R. Model based training of a neural network endpoint detector for plasma etch applications 63396
Mundy, J., Curwen, R., Liu, J., Rothwell, C., Zisserman, A., Forsyth, D. MORSE: an architecture for 3D object recognition based on invariants 86795
Mundy, J., Liu, A., Pillow, N., Zisserman, A., Abdallah, S., Utcke, S., Nayar, S., Rothwell, C. An experimental comparison of appearance and geometric model-based recognition 117687
Mundy, J. *see* Liu, J. 86691
Mundy, J. *see* Liu, J. 86794
Mundy, J. *see* Rothwell, C. 117680
Mundy, J.L. Observation events: a basis for change detection 66871
Mundy, J.L., Huang, C., Liu, J., Hoffman, W., Forsyth, D.A., Rothwell, C.A., Zisserman, A., Utcke, S., Bournez, O. MORSE: a 3D object recognition system based on geometric invariants 77170
Mundy, J.L., Vrobel, P. The role of IU technology in RADIUS Phase II 67481
Munehiro, T. *see* Sakagami, I. 62159
Munekata, H. *see* Hara, K. 74158
Munekata, H. *see* Honda, T. 75949
Munekata, H. *see* Honda, T. 94680
Munekata, H. *see* Inoue, K. 74177
Munekata, H. *see* Ohno, H. 62801
Muneyasu, M., Hinamoto, T. Parallel-form realization of 2-D adaptive separable-denominator state-space filters 114105
Muneyasu, M., Uemoto, E., Hinamoto, T. A novel type of 2-D cascade-parallel adaptive IIR filters 87191
Muneyasu, M. *see* Hinamoto, T. 73565
Mungalov, V.E. *see* Gankin, E.A. 106737
Mungari, G. *see* Barbarossa, S. 68563
Mungiguerra, V. *see* Busco, B. 122028
Mungiguerra, V. *see* Marino, P. 121484
Muni, B.P., Pillai, S.K., Saxena, S.N. Fuzzy logic PI controller for high performance AC drives 81954
Muni, B.P., Pillai, S.K., Saxena, S.N. PC based vector controlled permanent magnet synchronous motor drive 81955
Muni, B.P., Pillai, S.K., Saxena, S.N. Digital simulation of internal power factor angle controlled surface mounted permanent magnet synchronous motor 112478
Muni, B.P., Pillai, S.K., Saxena, S.N. A PC based internal power factor angle controlled interior permanent magnet synchronous motor drive 121942
Muni, B.P. *see* Kumar, N.V.V.R. 112577
Muniandy, R., Miller, S., Lim Yew Tee, Boylan, R. Power-on contention: a reliability issue for logic devices 72348
Municio, F. *see* Badenes, J. 66092
Munie, G.C. *see* Graedel, T.E. 72373
Munie, G.C. *see* Heiser, E.A. 94059
Munie, G.C. *see* Holliday, A. 92235
Munih, M. *see* Matjacic, Z. 80478
Muniz, J.L., Verduzco, R.H., Delgado, A. A comparison of the TLD-100 dosimetric performance using different annealing procedures and glow curve analysis 120568
Munjal, P. *see* Ananda, M. 78623
Munk, B.A., Emrick, R. Cross-polarization causes by dichroic subreflectors of tripoles or loaded four-pole elements 117020
Munk-Nielsen, S., Blaabjerg, F., Pedersen, J.K., Protiwa, F.F., Apeldoorn, O. A new parallel resonant converter link voltage control 112093
Munkelt, O., Kirchner, H. STABIL: a system for monitoring persons in image sequences 66993
Munker, C. *see* Schreckenbach, W. 110134
Munker, C. *see* Schreckenbach, W. 119607
Munneke, B. *see* Kroes, F. 100476
Munnik, F. *see* Plompen, A.J.M. 100384
Munnings, R.S. *see* Fleischer, K. 111606
Munns, G.O., Chen, W.L., Haddad, G.I. Heterojunction bipolar transistors with low temperature Be-doped base grown by CBE 103959
Munns, G.O. *see* Chen, W.L. 103955
Munns, G.O. *see* Eisele, H. 83371
Munoz, A. *see* Lopez, F. 119761
Munoz, A. *see* Martorell, S. 121283
Munoz, A. *see* Rodriguez-Hernandez, P. 62796
Munoz, E. *see* Izpura, I. 64943
Munoz, E. *see* McCallum, D.S. 62858
Munoz, E. *see* Sanchez-Garcia, M.A. 62740
Munoz, E. *see* Sanchez-Rojas, J.L. 63044
Munoz, E. *see* Sanchez-Rojas, J.L. 83949
Munoz, E. *see* Sanz-Hervas, A. 106969
Munoz, J., Bratov, A., Mas, R., Abramova, N., Dominguez, C., Bartroli, J. Planar compatible polymer technology for packaging of chemical microsensors 74925
Munoz, J., Rojo, M., Parreno, A., Margineda, J. Normal and oblique incidence free-wave technique for automatic measurement of permittivity and permeability at microwave frequencies 110347
Munoz, J.M. *see* Alejos, O. 63558
Munoz, J.M. *see* Torres, L. 64338
Munoz, J.M.Basart i *see* Basart i Munoz, J.M.
Munoz, L. Voice and data services in power utilities using TETRA system 109557
Munoz, L., Sanz, R. Voice and data services in power utilities using a TETRA system 78545
Munoz, L. *see* Ramos, A. 102024
Munoz, S., Sebastian, J.L. Optimization of a MESFET RF power amplifier using a bias dependent large signal MESFET model 93829
Munoz, S., Sebastian, J.L., Gallego, J.D. Design of a high gain power amplifier using a bias dependent large signal MESFET model and the describing function technique 83395
Munoz, V. *see* Hernandez, M.A. 76114
Munoz F., A. *see* Peter, A. 106754
Munoz-Cobo, J.L. *see* Sanchis, R. 111750
Munoz-Rodriguez, D. *see* Jaimes-Romero, F.J. 109521
Munro, A. *see* Carse, B. 118170
Munro, D.J., Ersoy, O.K., Bell, M.R., Sadowsky, J.S. Neural network learning of low-probability events 90899
Munroe, M. *see* Anderson, M.E. 100371
Munroe, M. *see* Boggavarapu, D. 107410

Munshi, P., Machin, K.J., Webb, S. A fidelity check of a practical cone-beam tomography algorithm 90408

Munson, C.L. Fine tuning regulated telephone prices 98600

Munson, D.C., Jr. High-resolution radar imaging with applications to astronomy 88693

Munson, D.C., Jr. *see* Calvagno, G. 97849

Munson, D.C., Jr. *see* Webb, J.L.H. 97720

Munson, D.C., Jr. *see* Webb, J.L.H. 97721

Munson, T.L. *see* Iman, R.L. 73856

Munteanu, D. An all-with-integers MOSFET simulator: from software to hardware codes 63683

Munteanu, Fl., Ivas, D., Paap, G.C. Differential diagnosis of faults and the sequential switching command of circuit breakers considering the current displacement phenomenon 111690

Munteanu, I. A unifying view on electromagnetic field computation methods 107706

Munteanu, I., Tomescu, F.M.G. Optimisation of a magnetic device based on symbolic analysis of the field 95365

Munteanu, I. *see* Berca, V. 112491

Munteanu, I.I. *see* Manea, S.A. 75679

Munteanu, R., Darie, S., Tarnovan, R., Balan, H. Electrodynamic linear oscillating motor identification using the finite-element field analysis 71353

Munteanu, R.H. *see* Kaidanov, F.G. 111654

Munteanu, V., Lucanu, M., Tarniceriu, D. Increasing of the safety in the working of the electronic devices using a single-error correcting linear block code. II 66533

Munter, D.P.A.De *see* De Munter, D.P.A.

Munter, E. *see* Beshai, M. 78307

Munter, E.S. High capacity ATM switch, architecture and technologies 99032

Muntz, R.R. *see* Golubchik, L. 88824

Munukutla, L.V., Kuppuswamy, M. Software design tool to analyze waste streams generated by power semiconductor device fabrication processes 60743

Munuswamy Murali *see* Murali Munuswamy

Munuzuri, A.P., deCastro, M., Perez-Munuzuri, V., Gomez-Gesteira, M., Marino, I.P., Hofer, E., Perez-Villar, V. An electronic real-time model of one-dimensional discontinuous conduction of the cardiac impulse realized with Chua's circuits 120469

Munz, H., Connor, B., Leithead, W.E. Sensitivity of performance of stall regulated variable speed HAWTs to rotor inertia 102571

Munzar, D. *see* Lew Yan Voon, L.C. 62975

Munzel, H. *see* Baumann, H. 64001

Munzel, N. *see* Novembre, A.E. 115100

Munzert, R., Krein, P.T. Issues in boundary control [of power convertors] 121639

Muppala, J. *see* Hamdi, M. 77648

Muppala, J.K. *see* Hamdi, M. 67528

Mur, G. The FEMAX finite-element package for computing three-dimensional electromagnetic fields 96877

Mur, G. The finite-element modelling of electromagnetic fields 96881

Mur, G. *see* Lager, I.E. 65617

Mur, G. *see* Lager, I.E. 96883

Mur, L.C., Harmans, C.J.P.M., Mooij, J.E., Carlin, J.F., Rudra, A., Ilegems, M. Experimental indication for supercurrents carried by opened transport channels 106692

Mur, M. The FEMAX finite-element package for computing three-dimensional time-domain electromagnetic fields in inhomogeneous media 65602

Mura, A. *see* Bongiovanni, G. 62853

Mura, R. *see* Galati, G. 90729

Mura, S. *see* Mack, H. 88545

Murabayashi, F., Yamauchi, T., Yamada, H., Nishiyama, T., Shimamura, K., Tanaka, S., Hotta, T., Shimizu, T., Sawamoto, H. 2.5 V CMOS circuit techniques for a 200 MHz superscalar RISC processor 73459

Murabayashi, M. *see* De-Kui Qing 75550

Murabayashi, M. *see* De-Kui Qing 99948

Murabayashi, M. *see* Itoh, K. 95737

Muradali, F., Rajski, J. A self-driven test structure for pseudorandom testing of non-scan sequential circuits 104466

Muradkhanov, M.E. *see* Palchaev, D.K. 62661

Muraguchi, M., Yamaguchi, Y., Hayashi, H., Tsukahara, T., Yamagishi, A. MMICs for high-speed wireless LAN systems 118748

Muraguchi, M. *see* Aikawa, M. 88259

Muraguchi, M. *see* Hayashi, H. 83438

Muraguchi, M. *see* Hayashi, H. 93907

Muraguchi, M. *see* Onodera, K. 61686

Murai, A., Nishizawa, J., Oyama, Y., Suto, K., Chubachi, N. Effect of stoichiometry on the dominant deep levels in liquid phase epitaxially grown n-type $Al_{0.3}Ga_{0.7}As$ doped with Te 62722

Murai, F. *see* Uchino, S.-I. 105794

Murai, F. *see* Yano, K. 73397

Murai, K., Xue Wei, Kouguchi, N., Miyoshi, Y. A study on the accuracy of ARPA information 88748

Murai, K. *see* Daido, H. 96101

Murai, K. *see* Kato, Y. 116299

Murai, M., Takizawa, K., Soejima, K., Sotouchi, H. Deformation mechanism of porous nickel oxide in molten Li/K carbonates 121863

Murai, M., Takizawa, K., Soejima, K., Sotouchi, H. Crystal growth of γ-lithium aluminate in molten Li/K carbonates 121875

Murai, N. *see* Ishida, H. 91142

Murai, S., Ogihara, T., Yonemori, G. Test generation for partial scan circuits using individual initial value propagation 61827

Murai, S., Sugikawa, A. Information on demand on nomadic collaboration support system 109088

Murai, S. *see* Sawai, T. 83508

Murai, S. *see* Tanaka, S. 81107

Murai, T. *see* Horita, Y. 87066

Murai, T. *see* Watanabae, T. 80864

Murai, T. *see* Yamamoto, S. 71959

Murai, Y., Kamiya, K., Matsubara, M. Soft-switched single-phase AC/DC converter circuit with sinusoidal input-current 121580

Murai, Y. *see* Abeyratne, S.G. 91812

Murai, Y. *see* Abeyratne, S.G. 121610

Murai, Y. *see* Kamimoto, K. 91518

Muraji, H., Koh, H., Kuwata, T., Nakagawa, Y., Ihara, S., Kurisu, Y. A 9.4-in. color VGA F-STN display with fast response time and high contrast ratio by using MLS method 89369

Murakami, A. Real time data acquisitions of missile position using spacecraft passive infrared sensor and GPS integrated angular rate positioning system 70615

Murakami, A. *see* Inoue, A. 115582

Murakami, E. *see* Seki, M. 109915

Murakami, F. *see* Ishida, H. 99564

Murakami, F. *see* Okubo, K. 103184

Murakami, G. Rationale for chip scale packaging (CSP) rather than multichip modules (MCM) 92214

Murakami, H. A generalized treatment of the DIT and the DIF algorithms using recursive polynomial factorization 113265

Murakami, H., Koike, J., Seki, M., Murakami, Y. Progress in the development of plasma display panel (PDP) 79619

Murakami, H., Yamada, S. Fuji Electric's geothermal power plants 102496

Murakami, H., Yano, N., Ootaguro, Y., Sugeno, Y., Ueno, M., Muroya, Y., Aramaki, T. A multiplier-accumulator macro for a 45 MIPS embedded RISC processor 73300

Murakami, H. *see* Ezawa, H. 80081

Murakami, H. *see* Ezawa, H. 100931

Murakami, H. *see* Kobayashi, M. 83771

Murakami, H. *see* Kurosawa, K. 110933

Murakami, H. *see* Sato, M. 91109

Murakami, H. *see* Takahashi, K. 89428

Murakami, H. *see* Takano, Y. 89431

Murakami, H. *see* Watanabe, T. 90562

Murakami, H., Takahashi, F. *(editors)* Proceedings of the IAEA/RCA Workshop on Calibration of Dosimeters and Survey Instruments for Photons (JAERI-Conf 95-014) 60397

Murakami, J., Watanabe, H., Sugiyama, M. Study of unknown-multiple signal-source clustering problem using ergodic HMM 76848

Murakami, J. *see* Yamamoto, N. 87010

Murakami, J.W., Hayes, C.E., Weinberger, E. Intensity correction of phased-array surface coil images 70014

Murakami, K. Jitter in synchronous residual time stamp 77590

Murakami, K., Ishii, J. Analysis of transient response of coupled nonuniform transmission lines using modified central difference method 65906

Murakami, K., Ishii, J. Transient analysis of multi-section transmission lines using a modified central difference method 84512

Murakami, K., Ishii, J. Time domain analysis of transient behavior of traveling-wave directional filter 104794

Murakami, K., Koshimizu, H. Enriched PICASSO: facial caricaturing with emotion, aging and nationality factors 87133

Murakami, K., Makimura, T., Yoda, O., Miyashita, A. Dynamical mechanism of laser ablation and synthesis of nanoclusters 113344

Murakami, K. *see* Fukata, N. 94221

Murakami, K. *see* Ichikawa, K. 86501

Murakami, K. *see* Kakimoto, F. 69777

Murakami, K. *see* Kaneko, S. 92787

Murakami, K. *see* Kaneko, S. 92952

Murakami, K. *see* Kato, K. 87252

Murakami, K. *see* Nishigaya, T. 78427

Murakami, K. *see* Saito, T. 109410

Murakami, K. *see* Tamaki, S. 104573

Murakami, K. *see* Toyokura, M. 90541

Murakami, K. *see* Yoshidaya, H. 116268

Murakami, M., Imai, T., Aoyama, M. A remote supervisory system based on subcarrier overmodulation for submarine optical amplifier systems 68466

Murakami, M., Konishi, Y., Yamada, T., Ogawa, T., Akiyama, Y. A study of inverter driven pump motor design procedure 91793

Murakami, M., Matsushita, S. SiOF films: the problem in logic devices 113844

Murakami, M., Matsushita, S. Will 256 Mb lithography go with 4× masks? 113938

Murakami, M., Oku, T. Development of ohmic contacts for compound semiconductors 83988

Murakami, M. *see* Fukuyama, H. 91454

Murakami, M. *see* Ishikawa, H. 83982

Murakami, M. *see* Koide, Y. 74461

Murakami, M. *see* Miyamoto, S. 69601

Murakami, M. *see* Morikawa, K. 95613

Murakami, M. *see* Nakajima, A. 90681

Murakami, M. *see* Oku, T. 114811

Murakami, M. *see* Tsuchimoto, M. 64564

Murakami, M. *see* Uchibori, C.J. 63115

Murakami, M. *see* Wakimoto, H. 63119

Murakami, N. *see* Yasuda, M. 61565

Murakami, R., Shimada, R., Ohkura, Y. Burst error correcting 2^k-ary cyclic AN codes generated by natural number $A_1 \cdot p$ 86051

Murakami, R. *see* Yamada, M. 80064

Murakami, S. *see* Chikano, Y. 71672

Murakami, S. *see* Matsubara, T. 71946

Murakami, S. *see* Okamoto, T. 94322

Murakami, S. *see* Onuki, J. 105736

Murakami, S. *see* Shimizu, Y. 63650

Murakami, S. *see* Takeda, M. 112562

Murakami, S. *see* Tanaka, S. 83532

Murakami, T., Suekane, T., Tsuji, K., Okuno, Y., Hasegawa, Y., Kabashima, S. Electron temperature measurement and performance in a nonequilibrium disk MHD generator 112423

Murakami, T. *see* Fukuhara, S. 121201

Murakami, T. *see* Minamide, H. 86996

Murakami, T. *see* Mitsuoka, S. 69650

Murakami, T. *see* Ohashi, T. 99891

Murakami, T. *see* Ohska, T.K. 100980

Murakami, T. *see* Sakata, Y. 107279

Murakami, T. *see* Tadokoro, S. 81504

Murakami, Y., Nakajima, Y., Hayashi, T., Mihara, T. Grounded-trench-MOS structure assisted normally-off bipolar-mode power FET 106004

Murakami, Y., Yoshida, A., Ieda, K., Nakamura, T. Rectangular loop antenna for circular polarization 66010

Murakami, Y. *see* Harada, N. 103050

Murakami, Y. *see* Hasegawa, H. 63163

Murakami, Y. *see* Higashida, Y. 110730

Murakami, Y. *see* Ise, T. 102801

Murakami, Y. *see* Ise, T. 115961

Murakami, Y. *see* Kawamura, Y. 95342

Murakami, Y. *see* Kawasaki, H. 83440

Murakami, Y. *see* Kohama, K. 114318

Murakami, Y. *see* Murakami, H. 79619

Murakami, Y. *see* Satoh, Y. 75000

Murakami, Y. *see* Tani, M. 115963

Murakami, Y. *see* Tonouchi, M. 75336

Murakami, Y. *see* Uchiyama, H. 79469

Murakata, M. *see* Mitsuhashi, T. 115289

Murakawa, I., Suzuki, M., Suzuki, H., Yagi, D. Personal facsimile speax22TA/CL 67718

Murakawa, K., Takahasi, M., Ohashi, H., Tokuda, M. Emission leakage points finding technique for telecommunication equipment 116934

Muraki, D.J. *see* Kutz, J.N. 75488

Muraki, K., Fujiwara, A., Fukatsu, S., Shiraki, Y., Takahashi, Y. Evidence for resonant electron capture and charge buildup in $GaAs/Al_xGa_{1-x}As$ quantum wells 83951

Muraki, Y. *see* Sako, T. 110597

Murakoshi, H., Ichihashi, M., Kakibayashi, H. Subnanometer resolution 300-kV analytical field-emission transmission electron microscope [and semiconductor device application] 62657

Murakoshi, H. *see* Hiruma, K. 82652

Murakoshi, H. *see* Shiba, T. 94910

Muraleedharan, C.V., Bhuvaneshwar, G.S. Failure mode and effect analysis of Chitra heart valve prosthesis 120529

Muraleedharan, C.V. *see* Nagesh, D.S. 110927

Muraleedharan, M. *see* Basha, A.M. 102240

Murali Krishna, K., Sharon, M., Mishra, M.K. $Pb_{1-x}Ti_xO$: a new photoactive phase 74283

Murali Krishna, P., Kannan, N. Brushless DC limited angle torque motor 111997

Murali Munuswamy *see* Bernadas, S. 79200

Muralidhar, G.K., Musil, A.J., Kadlec, S. Discharge characteristics of a facing target sputtering device using unbalanced magnetrons 94193

Muralidharan, B. *see* Paruthimal Kalaignan, G. 112275

Muralidharan, E., Kalanidhi, A. Biomedical engineering: current status and issues for developments in India 120255

Muralirajan, K.S., Ghia, K., Ghia, U., Brandes-Duncan, B. Analysis of 3-D unsteady separated turbulent flow using a vorticity-based approach and large-eddy simulation 72623

Muralt, P., Kholkin, A., Kohli, M., Maeder, T. Piezoelectric actuation of PZT thin-film diaphragms at static and resonant conditions 84722

Muramatsu, H., Kuroshita, K. Measurement method of effective area of solenoid valve 89485

Muramatsu, H. *see* Hirota, K. 76167

Muramatsu, H. *see* Nakajima, K. 86362

Muramatsu, J., Kanaya, F. Dual quantity of the distortion-complexity and a universal data-base for fixed-rate data compression with distortion 117174

Muramatsu, K., Nakata, T., Takahashi, N., Fujiwara, K. Linear AC steady-state eddy current analysis of high speed conductor using moving coordinate system 71241

Muramatsu, K., Nakata, T., Takahashi, N., Fujiwara, N., Ukita, H. Numerical calculation of demagnetizing factor for permanent magnet 75281

Muramatsu, K., Sakamoto, T., Asukura, M., Hasegawa, K., Yamada, N., Nakashima, S., Ishida, A.,

Kuwabara, H., Nakanishi, Y., Fujiyasu, H. Preparation of SiC thin film thermistor by hot wall epitaxy 104056
Muramatsu, K. *see* Janicke, L. 95336
Muramatsu, K. *see* Takahashi, N. 95335
Muramatsu, K. *see* Takahashi, N. 102179
Muramatsu, S., Kiya, H. A new factorization technique for the generalized linear-phase LOT and its fast implementation 117853
Muramatsu, S. *see* Hatta, I. 89551
Muramatsu, S. *see* Kubota, T. 93388
Muramatsu, S. *see* Kuze, N. 114756
Muramatsu, S. *see* Zha, H.B. 97930
Muramatsu, Y. *see* Maeda, F. 103850
Muramoto, E. WWW application building tool Walts 118329
Muramoto, M., Ishii, N., Itoh, K. Radiation efficiency measurement of a small antenna using the Wheeler method 76623
Muramoto, T. *see* Suzuki, T. 109236
Muramoto, Y., Fujino, K., Nagao, M., Kosaki, M. Effect of ambient gas on self-healing breakdown of polyimide thin films 64050
Muramoto, Y. *see* Akahori, Y. 78678
Muranaka, K. *see* Ueyama, M. 84922
Muranaka, K. *see* Ueyama, M. 115896
Muranaka, M. *see* Ichikawa, K. 86501
Muranaka, M. *see* Ogasawara, M. 61879
Muranaka, N., Arai, S., Imanishi, S., Miller, D.M. A ternary systolic product-sum circuit for GF(3^m) using neuron MOSFETs 73315
Muranevich, E. *see* Benguigui, L. 94324
Muranishi, Y. *see* Inoue, Y. 69828
Muranoi, T. *see* Satoh, M. 64892
Murao, Y., Tsubaki, S. Home medical aid system 90550
Murao, Y. *see* Kubo, A. 61410
Murao, Y. *see* Shinzawa, T. 105740
Muraoka, H., Wood, R., Nakamura, Y. Nonlinear transition shift measurement in perpendicular magnetic recording 115803
Muraoka, H., Yamada, H., Nakamura, Y. MR head reading characteristics in perpendicular magnetic recording 115731
Muraoka, H. *see* Jiang, N. 115668
Muraoka, H. *see* Sano, Y. 106522
Muraoka, H. *see* Takano, K. 64437
Muraoka, H. *see* Turner, J.E. 63363
Muraoka, S., Nishimura, H. Characteristics of a rectangular AT cut quartz resonator as a force sensor 79724
Muraoka, T. *see* Fujino, Y. 61626
Muraoka, T. *see* Noyori, Y. 89338
Muraoka, T. *see* Shimodaira, Y. 89303
Muraoka, T. *see* Washio, H. 89339
Muraoka, Y. How to cooperate across the ocean 78063
Muraoka, Y. *see* Fukumori, H. 72730
Muraoka, Y. *see* Sugiyana, T. 76433
Murari, B., Rossi, D. The potential of intelligent ICs in power electronics 84524
Murari, B., Rossi, D. Power ICs in motor control 104326
Murari, C.A.F. *see* Delgado Leon, M.Z. 102159
Murariu, V. *see* Badescu, V. 107826
Muraro, S. *see* Beteille, D. 110913
Murasaki, M. *see* Kondo, Y. 73593
Murase, F. *see* Yamazaki, T. 78597
Murase, H. *see* Fujii, M. 93204
Murase, H. *see* Fujii, M. 107862
Murase, H. *see* Inoue, T. 81526
Murase, H. *see* Mizuno, K. 121824
Murase, H. *see* Nayar, S.K. 77448
Murase, H. *see* Nayar, S.K. 86416
Murase, H. *see* Nayar, S.K. 86769
Murase, H. *see* Nayar, S.K. 117566
Murase, H. *see* Nayar, S.K. 117684
Murase, H. *see* Okabe, S. 102897
Murase, H. *see* Oki, I. 121823
Murase, H. *see* Yamagata, Y. 81596
Murase, I., Kaneko, S., Honda, T. Inductive learning of primitive shapes by genetic algorithm 86862
Murase, K. *see* Ishida, S. 94998
Murase, K. *see* Ono, Y. 114836
Murase, K. *see* Tabe, M. 95084
Murase, K. *see* Takahashi, Y. 95080
Murase, K. *see* Tsukagoshi, K. 94530
Murase, S., Nakayama, S., Yamada, Y., Shimamura, K., Tezuka, M., Shiga, N., Watanabe, K., Kobayashi, N. Highly-strengthened alumina-copper alloy matrix (Nb,Ti)$_3$Sn conductor fabricated by using the tube process 95431
Murase, S. *see* Hanai, S. 96975
Murase, S. *see* Koyanagi, K. 95535
Murase, T. *see* Sato, K. 103147
Murashima, S. *see* Nakamura, H. 97769
Murashita, K., Satoh, N., Okada, Y., Yoshida, S. High-speed statistical compression using self-organized rules and predetermined code tables 86094
Murashkina, T.I. Fiber-optic liquid-level indicator 89121
Murashkina, T.I., Karshakov, V.P., Artemov, Yu.A. Fiber-optic sensors for intraobject fiber-optic data collection networks 79517
Murashko, I.A. *see* Yarmolik, V.N. 95118
Murata, A., Tsukamoto, M., Nishio, S. A routing policy description language for inter-domain routing protocol (IDRP) 77729
Murata, D. *see* Kobayashi, H. 114010
Murata, D. *see* Matsuura, H. 83491
Murata, H., Ho, I.H., Su, L.C., Hosokawa, Y., Stringfellow, G.B. Surface photoabsorption study of the effects of growth temperature and V/III ratio on ordering in GaInP 61246
Murata, H., Yoshida, S. Trellis-coded co-channel interference canceller for cellular radio 68195
Murata, H., Yoshida, S. Maximum-likelihood sequence estimation for coded modulation in the presence of co-channel interference and intersymbol interference 109514
Murata, H. *see* Chun, Y.S. 61247
Murata, H. *see* Ishizawa, Y. 79175
Murata, H. *see* Ito, N. 79919
Murata, H. *see* Kato, K. 69574
Murata, H. *see* Maeda, F. 91959
Murata, H. *see* Okino, T. 99752
Murata, J. *see* Koga, M. 103705
Murata, K., Sunaga, H., Yoshida, Y., Nishitani, T. Customer network management architecture, services, and management information 98573
Murata, K., Tanaka, Y., Takada, T. Space charge formation in XLPE with low frequency AC voltage 64147
Murata, K. *see* Harada, K. 121545
Murata, K. *see* Nakada, S. 102306
Murata, K. *see* Ohara, H. 98190
Murata, K. *see* Sano, A. 78876
Murata, K. *see* Sasaki, M. 101504
Murata, K. *see* Xinsheng, W. 64128
Murata, M., Nishimura, M., Shirase, M., Sathou, T., Matsuura, M. A consideration on AC breakdown mechanism of oil-impregnated PPLP system 91182
Murata, M., Takeuchi, Y., Sasagawa, E., Hamamoto, K. Inductively coupled radio frequency plasma chemical vapor deposition using a ladder-shaped antenna 61367
Murata, M. *see* Harai, H. 119143
Murata, M. *see* Hasegawa, G. 77987
Murata, M. *see* Kamiya, I. 119162
Murata, M. *see* Kato, T. 70470
Murata, M. *see* Kawahara, K. 77607
Murata, M. *see* Ohsaki, H. 77606
Murata, M. *see* Ohsaki, H. 77662
Murata, M. *see* Ohsaki, H. 77668
Murata, M. *see* Ohsaki, H. 109010
Murata, M. *see* Ryu, B. 77776
Murata, M. *see* Shimonishi, H. 87791
Murata, M. *see* Shimonishi, H. 118116
Murata, M. *see* Shingu, H. 79080
Murata, M. *see* Wakamiya, N. 67527
Murata, M. *see* Wakamiya, N. 77984
Murata, N. *see* Yamawaki, M. 69248
Murata, R. *see* Nagata, Y. 80455
Murata, S., Shionozaki, A., Tokoro, M. Integrating routing and resource reservation mechanisms in real-time multicast protocols 78238
Murata, S. *see* Mitani, S. 116002
Murata, S. *see* Suzuki, Y. 116143
Murata, T., Kudo, K., Tamagawa, Y., Nakamura, R., Yamakawa, O., Mori, T. The measures of complexity as the degree of interest 66792
Murata, T., Yamamoto, H., Nagata, J. Realtime machine translation system for world wide web 77979
Murata, T. *see* Ishibuchi, H. 98168
Murata, T. *see* Kitao, K. 82185
Murata, T. *see* Mitsumoto, H. 109903
Murata, T. *see* Shirasu, H. 90226
Murata, T. *see* Shirasu, H. 100961
Murata, Y., Katakai, S., Kanaoka, M. Characteristics of electrical tree inception under impulse voltage application superposed onto AC voltage 64041
Murata, Y., Katakai, S., Kanaoka, M. Impulse breakdown superposed on ac voltage in XLPE cable insulation 91177
Murata, Y., Nanya, T. Advanced colored solar watch with optical thin films 73509
Murata, Y., Tanabe, S., Ozeki, T., Handa, S. Influence of remanence magnetization on asymmetry of reproducing signals in 4MB FDD heads 115656
Murata, Y. *see* Fujine, S. 110364
Murata, Y. *see* Izawa, N. 114084
Murata, Y. *see* Kimura, T. 117306
Murata, Y. *see* Maruyama, K. 100989
Murata, Y. *see* Meguro, M. 67053
Murata, Y. *see* Mochiki, K. 104241
Murata, Y. *see* Mochiki, K. 108564
Murata, Y. *see* Mochiki, K. 108565
Murata, Y. *see* Mochiki, K. 108566
Murata, Y. *see* Nishibori, T. 66065
Murata, Y. *see* Nishibori, T. 76603
Murata, Y. *see* Takeda, H. 116812
Murata, Y. *see* Takenaka, N. 110446
Muratore, F., Pennoni, G., Romano, G. WAVES JOCOS a new system for global satellite communications 119121
Muratore, F., Romano, G. Capacity comparison between the GSM mobile radio system and a CDMA-based one 99339
Muratore, F. *see* Buracchini, E. 78421
Muratore, F. *see* Krenz, R. 78413
Muratore, F. *see* Levi, L. 78415
Muratore, F. *see* Levi, L. 78416
Muratore, J. *see* Greene, A. 90033
Muratore, J. *see* Morgillo, A. 100448
Muratore, J. *see* Ogitsu, T. 95594
Muratore, J. *see* Ogitsu, T. 100411
Muratore, J. *see* Thompson, P. 100412
Muratore, J. *see* Wanderer, P. 89783
Muratori, M., Stroppiana, M. Format conversion in the MPEG spatial scalable scheme 67120
Muratorio, A. *see* Rossi, B. 90504
Muratov, V.P. *see* Sidorenko, V.D. 95553
Muratova, V.I. *see* Givargizov, E.I. 72905
Muratsugu, M. *see* Kurosawa, S. 79575
Murauskas, E. *see* Buzelis, R. 107439
Muravchenko, V.L. Switched oscillator with mismatched load 104392
Muravchik, C. *see* Solsona, J. 102659
Murav'ev, A.M. *see* Kasatkin, S.I. 64441
Muraviev, S. *see* Akesson, T. 69833
Muravski, A. *see* Konovalov, V. 89417
Muravsky, A. *see* Oussenok, A. 89330
Muravsky, L.I. *see* Batchevsky, R.S. 86909
Muravsky, L.I. *see* Fitio, V.M. 86906
Muravyov, S.V., Savolainen, V. Covers in general measurement problem 119514
Muray, L.P. *see* Jackson, K.H. 76357
Murayama, A., Kamoshida, I., Nakamura, K., Takaki, K., Aketagawa, T., Sakaguchi, T., Kawahara, S. Single-chip BiCMOS multistandard video processor 104570
Murayama, A., Ohshima, K., Miyamura, M., Maekawa, M., Kondoh, S. Magnetic interaction and remanence properties in CoNiPt(SiO$_2$) granular films for high-density longitudinal recording 75088
Murayama, H., Nohara, N. Statistical noise property in 3D positron imaging and optimal condition for the signal-to-noise ratio of the reconstructed image 80223
Murayama, K., Miyazaki, S., Hirose, M. Excitation and radiative recombination process in porous silicon 64912
Murayama, K., Toyama, T., Miyazaki, S., Hirose, M. Excitation spectrum of luminescence in a-Si:H/a-Si$_3$N$_4$:H multilayers 94513
Murayama, K. *see* Nagasawa, H. 63562
Murayama, K. *see* Shimomura, N. 112141
Murayama, M. *see* Ishimura, H. 83372
Murayama, M. *see* Sugitani, Y. 91978
Murayama, N. Properties of compressed-decoded image 86597
Murayama, R., Fujisawa, K., Fukuoka, H., Hirao, M. Development of an on-line evaluation system of formability in cold-rolled steel sheets using electromagnetic acoustic transducers (EMATs) 113562
Murayama, S. *see* Asada, T. 113733
Murayama, T., Gendai, Y. A top-down mixed-signal design methodology using a mixed-signal simulator and analog HDL 113667
Murayama, T. *see* Kabei, N. 85805
Murayama, T. *see* Kubo, Y. 85621
Murayama, Y. Using BAN logic for the proof of a network address registration protocol 98726
Murayama, Y. *see* Kainuma, S. 101552
Murayama, Y. *see* Matsuzawa, T. 116221
Murch, R.D. *see* Cheung, K.W. 68232
Murch, R.D. *see* Cheung, K.W. 109360
Murch, R.D. *see* Letaief, K.B. 88214
Murch, R.D. *see* Letaief, K.B. 119012
Murcia, J.de *see* de Murcia, J.
Murcia, M.de *see* de Murcia, M.
Murden, F. *see* Gratzek, T. 99099
Murdin, B. *see* Heiss, W. 62960
Murdin, B.N., Knippels, G.M.H., Langerak, C.J.G.M., Heiss, W., Unterrainer, K., Gornik, E., Hertle, H., Helm, M., Pidgeon, C.R. Determination of the intersubband lifetime in GaAs/AlGaAs and Si/SiGe quantum wells using a free electron laser 62856
Murdin, B.N *see* Ciesla, C.M. 105348
Murdin, B.N. *see* Planken, P.C.M. 62746
Murdocca, M. *see* Battiato, J.M. 116157
Murdoch, S.G., Leonhardt, R., Harvey, J.D. Quasi-phase-matched modulation instability in periodically birefringent fibers 106780
Murdoch, S.G., Leonhardt, R., Harvey, J.D. Tunable THz beat frequency generation in optical fibers 107508
Murdock, T.L. *see* Burdick, S.V. 89141
Murduck, J. *see* Silver, A. 93198
Murenzi, R. *see* Antoine, J.-P. 98200
Murenzi, R. *see* Antoine, J.-P. 117673
Murenzi, R. *see* Bouyoucef, K. 98201
Murenzi, R. *see* Park, S.-I. 87167
Muresan, P. *see* Radulescu, M.M. 91450
Muret, P., Nguyen, T.T.A., Frangis, N., Van Tendeloo, G., Van Landuyt, J. Photoelectric and electrical responses of several erbium silicide/silicon interfaces 114804
Muret, P. *see* Ali, I. 114667
Muret, P. *see* Frangis, N. 113335
Murfett, D.B., Haskard, M.R., Marriage, A.J. Low-doped etch-stopping for micro-mechanical device production 74869
Murgan, A.T. *see* Dogaru, R. 62130
Murgan, A.T. *see* Dogaru, R. 108386
Murgan, A.T. *see* Dogaru, R. 117263
Murgu, A. Robust design of flow control in ATM network switching by using Gaussian neural networks 108784
Murguia, J.H. *see* Shepard, F.D. 69155
Murgulescu, M.-H., Legaud, P., Moisan, E., Penard, E., Goloubkoff, M., Zaquine, R. New small size,

wideband 180° ring couplers: theory and experiment 62156
Murib, T.B. *see* Rutz, W.L. 70730
Murin, B.P., Batskikh, G.I., Belugin, V.M., Bondarev, B.I., Vasiljev, A.A., Durkin, A.P., Ivanov, Yu.D., Konovalov, V.A., Fedotov, A.P., Shumakov, I.V. The new concepts in designing the CW high-current linacs 89773
Murin, P. *see* Ban, J. 69810
Murino, V., Foresti, G.L., Regazzoni, C.S. Adaptive camera regulation for investigation of real scenes 108644
Murino, V., Regazzoni, C.S., Foresti, G.L. Grouping as a searching process for minimum-energy configurations of labelled random fields 98054
Murino, V., Trucco, A. Ultrasonic imaging improvement by a co-operative approach 70567
Murino, V. *see* Bianco, B. 86617
Murino, V. *see* Trucco, A. 90823
Murio, D.A. *see* Mejia, C.E. 72677
Murison, R. *see* Pessa, M. 96254
Murison, R. *see* Pessa, M. 116510
Murison, R. *see* Savolainen, P. 85528
Murison, R. *see* Savolainen, P. 96277
Murison, R. *see* Savolainen, P. 107277
Murison, R. *see* Toivonen, M. 72764
Murison, R. *see* Toivonen, M. 85480
Murka, P. *see* Ping He 80488
Murley, D., French, I., Deane, S., Gibson, R. The effect of hydrogen dilution on the aminosilane plasma regime used to deposit nitrogen-rich amorphous silicon nitride 92897
Murley, P.C., Srinivasan, G.R. Soft-error Monte Carlo modeling program, SEMM 74807
Murlieva, Z.Kh. *see* Palchaev, D.K. 62661
Murmuzhev, B., Meriakri, V. Millimeter wave low-power electronic and optoelectronic devices based on dielectric, ferrite, and semiconductor waveguides 104802
Murnane, M. *see* Rundquist, A. 96600
Murnane, M.M. *see* Backus, S. 65134
Murnane, M.M. *see* Chang, Z. 90243
Murnane, M.M. *see* Christov, I.P. 116425
Murnane, M.M. *see* Peatross, J. 96230
Murnane, M.M. *see* Yankelevich, D.R. 119908
Murnane, M.R. *see* Raymond, C.J. 84508
Murnane, M.R. *see* Raymond, C.J. 112990
Murnane, S.N., Barnes, R.N., Woodhead, S.R., Amadi-Echendu, J.E. Electrostatic modelling and measurement of airborne particle concentration 70529
Murni, A., Jain, A.K., Rais, J. An integrated multisensor image classification scheme for land-cover mapping 87051
Muro, T. *see* Imada, S. 75146
Muronaka, T. *see* Xinsheng, W. 64128
Murooka, H. *see* Maruyama, K. 100989
Murota, J. *see* Goto, K. 63723
Murota, J. *see* Matsuura, T. 63351
Murota, J. *see* Nayak, D.K. 106032
Murota, K. Convexity and Steinitz's exchange property 113171
Murota, K., Shioura, A. N-convex function on generalized polymatroid 113160
Murota, K. *see* Iwata, S. 92447
Murota, M. *see* Kuroda, T. 73425
Murota, M. *see* Kuroda, T. 104515
Murotani, T., Sugibayashi, T., Naritake, I., Utsugi, S., Koyama, K. 1 Gbit DRAM for file applications 73375
Murotani, T. *see* Naritake, I. 93360
Muroya, M. *see* Wake, M. 95591
Muroya, Y. *see* Murakami, H. 73300
Muroyama, M. *see* Adachi, M. 104121
Muroyama, S. *see* Ohtsu, S. 71443
Muroyama, S. *see* Takeuchi, A. 102879
Muroyama, S. *see* Takeuchi, A. 121725
Murphy, B. *see* Senkader, S. 63213
Murphy, B.J., Mapp, G.E. Integrating multimedia streams into a distributed computing system 87410
Murphy, C.F., Abadir, M.S., Sandborn, P.A. Economic analysis of test and known good die for multichip assemblies 73915
Murphy, C.F., Gilg, L., Spooner, C. Mechanical, electrical and thermal evaluation of known-good die carriers 94148
Murphy, C.M., Moore, P., Woodworth, P. Short-arc calibration of the TOPEX/POSEIDON and ERS 1 altimeters utilizing in situ data 109748
Murphy, C.T. *see* Jackson, G. 100728
Murphy, D. *see* Akinwande, A.I. 79624
Murphy, D. *see* Radford, W. 100114
Murphy, D.P., Myers, M.C., Weidman, D.J., Antoniades, J.A., Fernsler, R.F., Meger, R.A. Use of an active wire B_θ cell for electron beam conditioning 120044
Murphy, D.P. *see* Mathew, J. 97343
Murphy, D.P. *see* Mathew, J. 109777
Murphy, D.P. *see* Myers, M.C. 69670
Murphy, G. *see* Maschio, A. 102873
Murphy, J. Ten points to ponder in picking an oscilloscope 89207
Murphy, J. *see* Erimli, B. 77584
Murphy, J. *see* Erimli, B. 77584
Murphy, J. *see* MacKie-Mason, J.K. 67646
Murphy, J.A., Sillence, C.D. Evolution of techniques for RCS prediction to address industrial requirements 78967
Murphy, J.A., Weatherill, N.P., Turner-Smith, E., Rowse, D.P., Guichard, C. Computing environments for controlling simulations in computational electromagnetic and multi-physics 65613
Murphy, J.A., Withington, S., Van de Stadt, H. Dammann gratings for local oscillator beam multiplexing 68808
Murphy, J.A. *see* Heanue, M. 68830
Murphy, J.B., Blum, E., Heese, R., Keane, J., Kinsky, S. Millimeter wave coherent synchrotron radiation in a compact electron storage ring 79881
Murphy, J.B., Krinsky, S., Gluckstern, R.L. Longitudinal wakefield for synchrotron radiation 89851
Murphy, J.M. *see* Wilson, D.C. 110749
Murphy, J.M.D. *see* Hayes, J.G. 122045
Murphy, J.M.D. *see* O'Donovan, J.G. 112024
Murphy, J.W. *see* Fowler, H.J. 77854
Murphy, K. *see* Meller, S. 69215
Murphy, K.A., Gunther, M.F., Elster, J.L., Alcock, M.A. Optical fiber sensors 69229
Murphy, K.A. *see* Arya, V. 67767
Murphy, K.A. *see* Bhatia, V. 79480
Murphy, K.A. *see* Bhatia, V. 79486
Murphy, K.A. *see* Bhatia, V. 89122
Murphy, K.A. *see* Wang, A. 79473
Murphy, K.A. *see* Wang, G.Z. 79474
Murphy, K.A. *see* Xiaojun Fang 79477
Murphy, K.A. *see* Xiaojun Fang 79490
Murphy, K.A. *see* Zeakes, J.S. 100168
Murphy, L. Growing renewable energy projects 81198
Murphy, L. *see* MacKie-Mason, J.K. 67646
Murphy, L. *see* Shau-Ming Lun 101918
Murphy, M. Implementation of a single control centre using a network management system 70865
Murphy, M. *see* Gogoasa, I. 100076
Murphy, M.C., Golshani, F. Supporting video on demand 109938
Murphy, M.C. *see* Desta, Y.M. 79593
Murphy, M.C. *see* Jie Lin 119547
Murphy, M.J., Monaghan, J., Cameron, D.C., Hashmi, M.S.J. Magnetic field in a commercial sputter magnetron 113450
Murphy, M.J. *see* Jameson, A.R. 88703
Murphy, M.M., Rescod, C.R. A silica-on-silicon integrated optic interface for microwave sub-systems 68358
Murphy, M.T. *see* Cordell, P. 98812
Murphy, P.G. *see* Lyons, W.G. 93777
Murphy, P.H. *see* Hebert, T.J. 90445
Murphy, P.H. *see* Hebert, T.J. 101290
Murphy, P.J. *see* Donnabhain, C.A.O. 62145
Murphy, P.K., Heyler, G.A. An automated search for moonlets orbiting about asteroid Eros 108652
Murphy, P.M. Negotiating international communications: structure and infrastructure 118180
Murphy, R. *see* Butler, N. 69300
Murphy, R.A. *see* Bozler, C.O. 74062
Murphy, R.A. *see* Chen, C.L. 84013
Murphy, R.A. *see* Kodis, M.A. 105010
Murphy, R.J. *see* Tsuchiaki, M. 94776
Murphy, T.C. *see* Burke, A.F. 112585
Murphy Bakes, C., Goldberg, F.N. ATM networks and their applications at the NASA Lewis Research Center: a case study 109053
Murray, A.C., Jones, D.M., Frankish, C.R. Dialogue design in speech-mediated data-entry: the role of syntactic constraints and feedback 117265
Murray, A.F. *see* Burns, D.C. 75647
Murray, A.F. *see* Mayes, D.J. 62124
Murray, A.F. *see* Smart, M.H.W. 98041
Murray, A.F. *see* Woodburn, R. 93196
Murray, A.F.J., Lane, W.A. High voltage wiring using biased polysilicon field plates 63447
Murray, A.F.J., Lane, W.A. 800-V wiring for HVIC application using biased polysilicon field plates 63834
Murray, B.A., Connell, G.W. Improving product design/development by identifying key customer values 72214
Murray, C. *see* Gosden, D.F. 91905
Murray, D. *see* Montanaro, J. 73430
Murray, D.C. *see* Endo, T.R. 70400
Murray, D.D. *see* Hahn, K.H. 119222
Murray, D.W., Shapiro, L.S. Dynamic updating of planar structure and motion: the case of constant motion 67022
Murray, D.W. *see* Heuring, J.J. 86772
Murray, D.W. *see* Reid, I.D. 67201
Murray, D.W. *see* Sharkey, P.M. 117800
Murray, F.S. *see* Kalafala, A.K. 102820
Murray, G. Tearing down the wall [PCB CAD/CAM] 62459
Murray, J. *see* Phipps, C.R. 80679
Murray, J.E., Van Wonterghem, B., Seppala, L., Speck, D.R., Murray, J.R. Parasitic pencil beams caused by lens reflections in laser amplifier chains 96157
Murray, J.E. *see* Bliss, E.S. 96581
Murray, J.J. *see* Davidson, I. 112240
Murray, J.J. *see* Shu, Z.X. 81699
Murray, J.J. *see* Shu, Z.X. 102952
Murray, J.R. *see* Barker, C.E. 85432
Murray, J.R. *see* Murray, J.E. 96157
Murray, J.R. *see* Van Wonterghem, B.M. 85414
Murray, J.T. *see* Pfister, O. 107612
Murray, M., Meding, U.B., Berg, B., Trivedi, Y., McCaffrey, B., Vucurevich, T. Issues and answers in CAD tool interoperability 82871
Murray, R., Brightman, J.R. Interactive teaching 112789
Murray, S. *see* Wei Jin 69225
Murray, S.A., Caldwell, B.S. Human performance and control of multiple systems 100248
Murray, S.N. *see* Meigs, M.J. 79886
Murray, S.N. *see* Welton, R.F. 90072
Murray, T.W., Deaton, J.B., Jr., Wagner, J.W. Experimental evaluation of enhanced generation of ultrasonic waves using an array of laser sources 70565
Murray, W.J. *see* Miller, A. 89210
Murrer, L.H.P., Marijnissen, J.P.A., Star, W.M. Light distribution by linear diffusing sources for photodynamic therapy 80450
Murri, R. *see* Barucca, G. 113328
Murri, R. *see* Pinto, N. 61263
Murry, S.J. *see* Malin, J.I. 65334
Murry, S.J. *see* Malin, J.I. 96263
Murry, S.J. *see* Malin, J.I. 96405
Murta, I. *see* Tsukiji, H. 81402
Murtagh, F., Zeilinger, W., Starck, J.-L., Bijaoui, A. Object detection using multi-resolution analysis 77080
Murtagh, F. *see* Starck, J.-L. 77081
Murtagh, F. *see* Starck, J.-L. 77083
Murtagh, R.F. *see* Bensaid, A.M. 67096
Murtaza, G., Senior, J.M. Optoisolated temperature sensing with a light-emitting diode 69227
Murtaza, S.S., Anselm, K.A., Nie, H., Hu, C., Campbell, J.C., Streetman, B.E., Bean, J.C., Peticolas, L.J. Resonant-cavity photodetectors for optical communications 88488
Murtaza, S.S., Chelakara, R.V., Dupuis, R.D., Campbell, J.C., Dentai, A.G. Resonant-cavity photodiode operating at 1.55 μm with Burstein-shifted In$_{0.53}$Ga$_{0.47}$As/InP reflectors 116238
Murtaza, S.S., Nie, H., Campbell, J.C., Bean, J.C., Peticolas, L.J. Short-wavelength, high-speed, Si-based resonant-cavity photodetector 79434
Murtaza, S.S., Tan, I.-H., Bowers, J.E., Hu, E.L., Anselm, K.A., Islam, M.R., Chelakara, R.V., Dupuis, R.D., Streetman, B.G., Campbell, J.C. High-finesse resonant-cavity photodetectors with an adjustable resonance frequency 79432
Murtaza, S.S. *see* Anselm, K.A. 64936
Murtaza, S.S. *see* Anselm, K.A. 85283
Murtha, T. *see* Lenway, S.A. 100188
Murthi, A., Rocaries, F. An automated design environment for micromechanical sensors 79327
Murthy, A.S., Panagiotopoulos, I., Hadjipanayis, G.C. Magnetic and phase transformation studies in Nd$_{15}$DyFe$_{75}$(C,B)$_9$ cast alloys 64237
Murthy, A.S. *see* Panagiotopoulos, I. 64250
Murthy, B.K. *see* Yegna Narayanan, S.S. 81347
Murthy, B.K. *see* Yegna Narayanan, S.S. 111954
Murthy, B.K. *see* Yegna Narayanan, S.S. 111956
Murthy, C.A., Chowdhury, N. In search of optimal clusters using genetic algorithms 86948
Murthy, C.Siva Ram *see* Siva Ram Murthy, C.
Murthy, C.S.R. *see* Piriyakumar, D.A.L. 66617
Murthy, K. *see* Clancy, R.L. 100954
Murthy, K. *see* Thompson, C.J. 101124
Murthy, K.N.Balasubramanya *see* Balasubramanya Murthy, K.N.
Murthy, K.V.Narayana *see* Narayana Murthy, K.V.
Murthy, K.V.V., Unnikrishnan, P.C. A neural network approach to design circuits with lesser complexity 104286
Murthy, K.V.V. *see* Kulkarni, S.Y. 73853
Murthy, K.V.V. *see* Kulkarni, S.Y. 73901
Murthy, K.V.V. *see* Pai, K.R. 62004
Murthy, M.S. *see* Elhakeem, A.K. 88448
Murthy, P.V.N. *see* Hariharan, V.K. 76458
Murthy, R.V.R., Dutta, V. Investigation of interface and band gap states in amorphous silicon p-i-n solar cells using current deep level transient spectroscopy 81908
Murthy, S., Garcia-Luna-Aceves, J.J. Dynamics of a loop-free path-finding algorithm 78054
Murthy, S., Garcia-Luna-Aceves, J.J. Congestion-oriented shortest multipath routing 87506
Murthy, S. *see* Vyas, R. 111900
Murthy, S.Nataraja *see* Nataraja Murthy, S.
Murthy, S.S. A generalised operational equivalent circuit of induction machines for transient/dynamic studies under different operating conditions 111975
Murthy, S.S., Prabhu, C., Tandon, A.K., Vaishya, M.O. Analysis of series compensated self excited induction generators for autonomous power generation 111979
Murthy, S.S., Rai, H.C., Singh, B., Singh, B.P., Goyal, N.K., Vaishya, M.O. New experimental findings on a novel two-winding single phase self-excited induction generator for standby power generation 111977
Murthy, S.S., Singh, B. Capacitive VAr controllers for induction generators for autonomous power generation 111978
Murthy, S.S. *see* Ayyub, M. 111958
Murthy, S.S. *see* Ghorashi, A.H. 111864
Murthy, S.S. *see* Sharma, V.K. 112451
Murthy, S.S., Divan, D., Doradla, S.R., Murty, B.V., Roy, S. *(editors)* Proceedings of the 1996 International Conference on Power Electronics, Drives and Energy Systems for Industrial Growth (Cat. No.96TH8111) 103290
Murthy, T.B. *see* Choudhury, M.K. 68684

Murthy, U.M.S., Das, M.K., Sundaram, K.R. Models simulate Butler-matrix-based DBDs [digital bearing discriminators] 88744
Murthy, V.L.Narayana *see* Narayana Murthy, V.L.
Murthy, V.R.K. *see* Dias, E.D. 115428
Murthy, Y.S.N. Applications of digital RF memory systems 83011
Murti, M.R. *see* Evers, N. 105859
Murti, V.G.K. Circuit theory: A perspective 61512
Murti, V.G.K. *see* Atmanand, M.A. 69436
Murton, B. Communication technology developments in Scotland: AbMAN 88524
Murtuza, M., Abbot, J., Dennis, K., Kalidas, N., Hamilton, G. The UltraSPARC-I high-performance BGA package 61929
Murty, A.S.R., Parameswaran, S., Ramar, K. Design of decentralized variable structure stabilizers for multimachine power systems 121022
Murty, A.S.R. *see* Balasubramanyam, P.V. 80831
Murty, A.V.Krishna *see* Krishna Murty, A.V.
Murty, B.V. *see* Murthy, S.S. *(editor)* 103290
Murty, S.V.S.Narayana *see* Narayana Murty, S.V.S.
Murty, V.V., Garg, V.K. Characterization of message ordering specifications and protocols 98477
Murtz, M. *see* Pfister, O. 107612
Murtz, M. *see* Schaefer, M. 65185
Murugavel, S., Acharya, K.V., Asokan, S. High pressure electrical measurements on Ge-Te-Se glasses 94426
Murugesh, L. *see* Ponnekanti, S. 82730
Murugov, V.M. *see* Vasiliev, A.S. 116327
Murveit, H. *see* Digalakis, V.V. 86149
Murynov, A.I. *see* Milich, V.N. 77227
Murzin, V.M. *see* Barysheva, N.M. 116331
Murzin, V.M. *see* Lukashin, G.M. 96117
Murzin, V.N. *see* Karuzskii, A.L. 63009
Murzin, V.N. *see* Mityagin, Yu.A. 65362
Murzina, T.V. *see* Aktsipetrov, O.A. 96738
Musa, M., Smith, D.L. Two software data organizations that support railroad signaling 122026
Musaba, I. *see* Chalmers, B.J. 91874
Musaba, L. *see* Chalmers, B.J. 103110
Musante, C.F. *see* Dai, D. 62301
Musatenko, Y.S., Kurashov, V.N., Chumakov, A.G. Comparison of wavelet and Karhunen-Loeve representation in texture applications 87176
Musatenko, Y.S. *see* Kurashov, V.N. 66985
Musayeva, N.F. *see* Aliyev, T.A. 113109
Musbah, M. *see* Moraveji, F. 61666
Musca, C.A., Siliquini, J.F., Nener, B.D., Faraone, L. Passivation and surface effects in long wavelength infrared HgCdTe photoconductors 69154
Musca, C.A. *see* Siliquini, J.F. 69150
Musca, C.A. *see* Siliquini, J.F. 69152
Muscato, G. *see* Fortuna, L. 112871
Muschallik, C. Improving an OFDM reception using an adaptive Nyquist windowing 109865
Muschallik, C. Time-windowing an OFDM signal to improve the signal-to-noise ratio in the receiver 117990
Muschert, D. *see* Schosser, A. 68368
Muselli, M. *see* Notton, G. 91398
Muselli, M. *see* Notton, G. 91399
Musenich, R. *see* Fabbricatore, P. 95555
Musenich, R. *see* Kircher, F. 95567
Musgrove, P. *see* Warren, J.G. 102537
Musha, M. *see* Kaminskii, A.A. 76153
Musick, S. *see* Kastella, K. 109704
Musico, P. *see* Baldanza, C. 100919
Musicus, B.R. *see* Tabei, M. 76979
Musikhin, Yu.G. *see* Melnik, Yu.V. 104065
Musil, A.J. *see* Muralidhar, G.K. 94193
Musil, C.R., Melngailis, J., Etchin, S., Haynes, T.E. Dose-rate effects in GaAs investigated by discrete pulsed implantation using a focused ion beam 114885
Musil, C.R. *see* Ames, F. 100795
Musil, V. Statistical modelling of Idd testing efficiency of analogue integrated circuits 83256
Musilek, L., Gerndt, J. Radiation response and dosimetric possibilities of photocouplers 111001
Musmann, G. *see* Markgraf, S. 70458
Musmanno, R. *see* Conforti, D. 92609
Musolino, A. *see* Albanese, R. 65690
Musolino, A. *see* Esposito, N. 62396
Musolino, A. *see* Esposito, N. 65689
Musolino, M.C., Pettit, F.S., Burleigh, T.D., Rubash, H.E., Shanbhag, A.S. Analysis of corrosion in stainless steel total hip prostheses 70229
Musoll, E., Cortadella, J. Optimizing CMOS circuits for low power using transistor reordering 73226
Musrock, M.S. *see* Britton, C.L., Jr. 110617
Musrock, M.S. *see* Ericson, M.N. 90206
Musrock, M.S. *see* Ericson, M.N. 100924
Musseau, O. Single-event effects in SOI technologies and devices 63928
Musseau, O. *see* Baggio, J. 76027
Musseau, O. *see* Baggio, J. 107342
Musseau, O. *see* Chabrerie, C. 74846
Musseau, O. *see* Chabrerie, C. 106216
Musseau, O. *see* Dentan, M. 90222
Musseau, O. *see* Dentan, M. 95214
Musseau, O. *see* Ferlet-Cavrois, V. 106019
Musseau, O. *see* Gardic, F. 73387
Musseau, O. *see* Gardic, F. 74850
Musseau, O. *see* Gardic, F. 104501
Musseau, O. *see* Gardic, F. 104555
Musshoff, C., Wolf, H., Gieser, H., Egger, P., Guggenmos, X. Risetime effects of HBM and square pulses on the failure thresholds of GGNMOS-transistors 115222
Mussi, G., Gisin, N., Passy, R., von der Weid, J.P. −152.5 dB sensitivity high dynamic-range optical frequency-domain reflectometry 69528
Mussi, G. *see* von der Weid, J.P. 64787
Mussino, F. Nonlinear distortions in CATV installations 99767
Musso, A. *see* Lundin, M. 69805
Musso, C. Management optimization of classification methods 68586
Must, M. *see* Danilkin, M. 75713
Mustafa, A.M., Mismar, M.J. Spectral estimation for ECG classification and data compression 120466
Mustafa, M.S.b., Othman, A.T.b. A linear algebraic approach in analyzing the M/GE/1 and GE/M/1 queuing systems at equilibrium 118466
Mustajab, P. *see* Khan, M.R. 110861
Musumarra, A. *see* Cardella, G. 110599
Musumarra, A. *see* Pappalardo, G. 100387
Musumeci, L. *see* Bianchi, G. 78515
Musumeci, L. *see* Capone, A. 118354
Musumeci, P., Calcagno, L., Grimaldi, M.G., Foti, G. Optical properties of defects in ion implanted silicon carbide probed at λ=633 nm 84102
Musumeci, S., Oriti, G., Scarcella, G., Testa, A., Consoli, A. Optimization of switching losses and EMI in a Cuk converter 112135
Musumeci, S., Raciti, A., Sardo, M., Frisina, F., Letor, R. PT-IGBT PSpice model with new parameter extraction for life-time and epy dependent behaviour simulation 113751
Musumeci, S. *see* Cavallaro, C. 102332
Musumeci, S. *see* Consoli, A. 102596
Muszalski, J., Reginski, K., Bugajski, M. High level p-type doping in MBE growth of GaAs and $Al_xGa_{1-x}As$ 92770
Muszynski, R. Losses in the converters of a high-power drive unit with a synchronous machine 71769
Muszynski, R., Schlosser, D. Neural network representation of robot environment and its applications to distance calculation 97994
Muta, I. *see* Hoshino, T. 102054
Muta, I. *see* Hoshino, T. 102651
Mutalik, V.G., Tiemeijer, L.F. Semiconductor optical amps: back to 1310 nm 107252
Mutani, R. *see* Cantello, R. 80397
Muth, J. *see* Casey, H.C., Jr. 64976
Muthal, P.L. *see* Moharil, S.V. 85263
Muthal, P.L. *see* Moharil, S.V. 85266
Muthu, C., Sampathkumar, V.S. Estimation of parameters in a particular finite capacity priority queueing model 72426
Muthuswamy, J. *see* Nayak, A. 80388
Muthuswamy, M.S., Roberson, P.L., Ten Haken, R.K., Buchsbaum, D.J. A quantitative study of radionuclide characteristics for radioimmunotherapy from 3D reconstructions using serial autoradiography 80464
Muto, A. *see* Yubazaki, N. 106122
Muto, K., Okazaki, T., Shibayama, H., Shimada, K. LMS algorithm with fuzzy control and influence of fuzzy sets 108302
Muto, K. *see* Kato, D. 68927
Muto, S., Sakagami, T., Sakane, Y., Namazue, A., Nihei, E., Koike, Y. TE-TM mode converter using optically active polymer 75551
Muto, S. *see* Mochida, T. 81253
Muto, S. *see* Wirner, C. 105860
Muto, S. *see* Yokoyama, N. 63824
Mutoh, A. *see* Nitta, S. 62552
Mutoh, H., Kanai, H., Okamoto, J., Ohtsuka, Y., Sugawara, T., Koshikawa, J., Toda, J., Uematsu, Y., Shinohara, M., Mizoshita, Y. 5 Gb/in^2 recording demonstration with NiFe/$Co_{90}Fe_{10}$ spin-valve heads and low-noise thin-film disks 115799
Mutoh, H. *see* O'Keeffe, P. 114982
Mutoh, N., Hatamoto, N., Fujioka, M., Majima, H. Direct access electronic phone directory system 87618
Mutoh, S., Shigematsu, S., Matsuya, Y., Fukuda, H., Yamada, J. A 1 V multi-threshold voltage CMOS DSP with an efficient power management technique for mobile phone application 73426
Mutoh, S. *see* Douseki, T. 113833
Mutoh, S. *see* Shigematsu, S. 104611
Mutoh, T., Kumazawa, R., Seki, T., Simpo, F., Nomura, G., Masuda, S., Ido, T., Wang, Z., Watari, T. Development of steady state ICRF heating for Large Helical Device 108043
Mutou, M. *see* Maruyama, K. 100989
Mutsaers, P.H.A. *see* Maj, B. 100766
Mutsuura, K. *see* Akizuki, O. 99300
Mutsuura, K. *see* Tachibana, H. 97460
Mutter-Feldbusch *see* Lehmann, A. 108938
Muttersbach, J. *see* Horstmann, M. 100034
Muttersbach, J. *see* Horstmann, M. 100045
Mutti, P., Ghislotti, G., Meda, L., Grilli, E., Guzzi, M., Zanghieri, L., Cubeddu, R., Pifferi, A., Taroni, P., Torricelli, A. Photoluminescence studies of light emission from silicon implanted and annealed SiO_2 layers 94262
Mutuga, N. *see* Hirano, S. 69932
Mutz, A.H. Effect of gamut range upon color quantization during JPEG coding 86113
Mutzel, P. *see* Junger, M. 92453
Muu Le Dung *see* Le Dung Muu
Muwafi, J. *see* Fettweis, G. 109283
Muynck, P.de *see* de Muynck, P.
Muys, P. *see* Massart, M. 106750
Muys, P. *see* Toebaert, D. 96111
Muys, W., Van der Plaats, J.C., Willems, F.W., Vengsarkar, A.M., Soccolich, C.E., Andrejco, M.J., DiGiovanni, D.J., Peckham, D.W., Kosinski, S.G., Wysocki, P.F. Directly modulated AM-VSB lightwave video transmission system using dispersion-compensating fiber and three cascaded EDFAs, providing 50-dB power budget over 38 km of standard single-mode fiber 78816
Muys, W. *see* Willems, F.W. 88565
Muys, W. *see* Willems, F.W. 88589
Muyshondt, R. *see* Mitra, S. 77430
Muzhitskii, V.F. *see* Lange, Yu.V. 113600
Muzio, J.C. *see* Dubrova, E.V. 83044
Muzio, J.C. *see* Wessels, D.M. 61820
Muzychka, A.Yu., Pokotilovski, Yu.N. Monte Carlo simulation of the nonstationary transport of very cold and ultracold neutrons in vertical neutron guides and the storage of ultracold neutrons 69633
Muzzarelli, G. *see* Rizzoli, V. 114304
Mwambela, A.J., Isaksen, O., Johansen, G.A. Entropic thresholding methods in reconstruction of capacitance tomography data 101373
Mwansa, D., Kuroda, H., Fujimura, M., Shimoda, Y., Nakamura, A. Preferential interframe coding for videophones and teleconferencing using fuzzy logic 67492
Myakishev, D. *see* Nezhevenko, O. 89765
Myakishev, D.G., Yakovlev, V.P. The new possibilities of SuperLANS code for evaluation of axisymmetric cavities 89959
Myamoto, S. *see* Takahashi, K. 73328
Myasin, E.A. *see* Tseitlin, M.B. 62617
Myasin, Ye. A. *see* Belyavsky, B.A. 94196
Myasnikov, A.M. *see* Gerasimenko, N.N. 83848
Myasnikov, A.V. *see* Buklerskii, A.V. 101506
Myasnikov, V.V. Even polynomial bases for image processing by filters with axially symmetric impulse responses 77229
Myata, S. *see* Abe, H. 85633
Myatt, R.L. *see* Deis, G. 106719
Mycek, M.-A., Bigot, J.-Y., Perakis, I.E., Chemla, D.S. Measuring the ultrafast dynamics of Coulomb correlation effects: dephasing in nonequilibrium Fermi seas 76268
Mycielski, A., Kowalczyk, L., Witkowska, B. Growth and characterization of the ternary ZnSe-based compounds obtained by low temperature vapour transport 74190
Mydlow, M.W., Basavaraju, S., Duel-Hallen, A. Decorrelating detector with diversity combining for single user frequency-selective Rayleigh fading multipath channels 109450
Myeon Jeong Jong *see* Jong Myeon Jeong
Myeon-Song Choi *see* Young-Moon Park 80917
Myeong Ho Yoo *see* Wan Ki Min 81017
Myeong-Yong Lee, Sin-Myeong Mun, Jeong-Sik Hong, Chang-Hun Lie Performance analysis of an N-level shaper for VBR video traffic in ATM networks 117954
Myeongho Kang, Taekyoung Kwon, Changyong Yang, Jooseok Song The design and verification of service feature interaction manager on AIN using Z schema 109185
Myer, Y.H. *see* Nguyen Dai Hung 65054
Myers, A. *see* Berman, S. 71878
Myers, A. *see* Berman, S.M. 71877
Myers, A. *see* Choi, W. 105002
Myers, A.F., Camphausen, S.M., Cuomo, J.J., Hren, J.J., Liu, J., Bruley, J. Characterization of amorphous carbon coated silicon field emitters 83701
Myers, A.F., Liu, J., McClure, M.T., Camphausen, S.M., Cuomo, J.J., Hren, J.J. Electron microscopy analysis of amorphous and crystalline diamond coated silicon field emitters 74037
Myers, A.F. *see* Choi, W.B. 74035
Myers, A.F. *see* Choi, W.B. 83705
Myers, A.W. *see* Weitkamp, W.G. 79785
Myers, B. Further experience with plastination as a method of making holograms of human tissue specimens with continuous beam lasers 96794
Myers, B. *see* Morkner, H. 99143
Myers, D.R., Cannon, T.W. Photovoltaic solar radiometric measurements and evaluation 112351
Myers, E.G., Thompson, J.K., Allen, P.A., Barber, P.W.E., Brown, G.A., Griffin, V.S., Schmidt, B.G., Trimble, S.W. Operation of a radio-frequency ion source in a tandem electrostatic accelerator 69704
Myers, G.K., Mulgaonkar, P.G., Chien-Huei Chen, DeCurtins, J.L., Chen, E. Verification-based approach for automated text and feature extraction from raster-scanned maps 67490
Myers, J.D. *see* Keller, P.E. 118540
Myers, J.D. *see* Shibin Jiang 96196
Myers, J.M. *see* Houdzoumis, V.A. 85837
Myers, L.E., Eckardt, R.C., Fejer, M.M., Byer, R.I., Bosenberg, W.R. Multigrating quasi-phase-matched optical parametric oscillator in periodically poled $LiNbO_3$ 65443
Myers, L.E., Eckardt, R.C., Fejer, M.M., Byer, R.L., Bosenberg, W.R. Progress in quasi-phasematched optical parametric oscillators using periodically poled $LiNbO_3$ 96692
Myers, L.E. *see* Bosenberg, W.R. 65498
Myers, L.E. *see* Bosenberg, W.R. 107607
Myers, L.E. *see* Grayson, T.P. 76101
Myers, L.E. *see* Sanders, S. 65502

Myers, L.J. *see* Wilamowaki, B.M. 104761
Myers, L.R. *see* Kocur, C.M. 70086
Myers, L.R. *see* Wilson, T.A. 86966
Myers, M. Mechanical properties and heading characteristics of some Ag/CdO and Ag/SnO$_2$ compositions 62405
Myers, M.C., Meger, R.A., Murphy, D.P., Weidman, D.J., Fernsler, R.F., Slinker, S.-P. Measurements of resistive hose detuning in intense relativistic electron beams 69670
Myers, M.C. *see* Hurley, J.D. 65742
Myers, M.C. *see* Murphy, D.P. 120044
Myers, M.J. *see* Shibin Jiang 96196
Myers, R. *see* Bloomfield, P.M. 101339
Myers, R.J. *see* Croft, S.K. 111110
Myers, R.M. *see* Soulas, G.C. 80575
Myers, S. LEP status and plans 79819
Myers, S., Wyss, C. Prospects for energy and luminosity at LEP2 69600
Myers, S. *see* Maples, T.B. 78189
Myers, S.M., Petersen, G.A., Seager, C.H. Binding of cobalt and iron to cavities in silicon 114884
Myers, S.M. *see* Benton, J.L. 63235
Myers, S.M. *see* Benton, J.L. 63255
Myers, S.M. *see* Benton, J.L. 114863
Myers, S.T. The realities of conversion to 300 mm silicon wafers 74112
Myers, T.H. *see* Zhonghai Yu 84074
Myers, T.J. *see* Marshall, R.E. 109775
Myers, T.O. *see* Marti, J.R. 81458
Myerson, R.J. *see* Meigooni, A.S. 80456
Mygind, J. *see* Koshelets, V.P. 93854
Myhre, D. *see* Bjerkan, L. 68474
Myhre, D. *see* Ferrero, U. 98911
Myhre, D. *see* Olsen, B.T. 78788
Myhre, D. *see* Olsen, B.T. 98910
Myhre, J.C., Undeland, T.M., Raphael, H.B. Comparison of systems for HVDC power supply to offshore oil installations with emphasis on the double bridge inverter 92011
Myklebust, B.M. *see* Prieto, T.E. 101072
Myklebust, J.B. *see* Lovett, E.G. 70139
Myklebust, J.B. *see* Prieto, T.E. 101072
Myklebust, M.L. State-of-the-art of computer-aided learning in the Nordic countries 112790
Mykolaitis, G. *see* Tamasevicius, A. 82994
Mykolaitis, G. *see* Tamasevicius, A. 93176
Mykoniatis, G. *see* Pavlou, G. 118228
Myler, H.R. *see* Rabadi, W.A. 77103
Myler, H.R. *see* Rabadi, W.A. 117721
Myler, J.K. *see* Hall, P.R. 76310
Myler, P. *see* Gaston, G.J. 115207
Myles, A. *see* Parker, P. 87548
Myles, Z., da Vitoria Lobo, N. Recovering affine motion and defocus blur simultaneously 86450
Myllyla, R.A. *see* Vainshtein, S.N. 61697
Mynam, S. *see* Maly, K. 118404
Myoen-Song Choi *see* Young-Moon Park 81309
Myoi, Y. *see* Miyamoto, T. 89234
Myong-Chul Shin *see* Chul-Hwan Kim 70930
Myong-Chul Shin *see* Chul-Won Park 102637
Myong-Hee Lee *see* Chul-Hwan Kim 70930
Myong-Lyol Song *see* Wonhong Cho 87701
Myong-Soo Park *see* Don-Ha Hwang 81390
Myongkyun An *see* Seungwon Choi 78461
Myoung Jin Kim *see* Chang Soon Kang 118866
Myoung Jun Chung *see* Kwang Myoung Rho 95001
Myoung Rho Kwang *see* Kwang Myoung Rho
Myoung Soo Lee, Hee Gap Park Characterization of pulsed outputs from a passively mode-locked erbium-doped fiber laser based on a nonlinear amplifying loop mirror 85392
Myoung Sung-Ho *see* Sung-Ho Myoung
Myoung-Nam Kim *see* Chul-Ho Won 98234
Myoung-Su Eun *see* Dong-Wook Kim 97697
Myoungsik Cha *see* Torruellas, W.E. 76220
Myra, J.R. *see* Moroz, P.E. 117012
Myslik, V. *see* Machac, P. 62402
Myslinski, P. *see* Zhang, L. 78660
Mysore, A., Jalkio, J. Evaluating laser sensor performance 99970
Mysore, S.M. High-power optical amplifiers for commercial analog and digital applications 78811
Mysyrowicz, A. *see* Kuroda, T. 74249
Mytsykov, A. *see* Bulyak, E. 80149
Myung Bok Lee, Kawasaki, M., Yoshimoto, M., Koinuma, H. Pulsed laser deposition of epitaxial ferroelectric Pb(Zr,Ti)O$_3$ films on Si(100) substrate 61261
Myung Cheol Joe, Byung Hoon Kang, Chang Seop Koh, Kuan Jung Joo Design optimization of coil distributions in deflection yoke for color picture tube 62644
Myung Cho Yong *see* Yong Myung Cho
Myung Hwan An *see* Keunjoo Kim 74606
Myung Hwan Oh *see* Chang Gi Ko 114513
Myung Hwan Oh *see* Hoi Hwan Chung 84240
Myung Hwan Oh *see* Min Gi Kwak 85292
Myung Hwan Oh *see* Nyung Kun Kim 85288
Myung Jin Bae, Hwe Yoong Whang, Hah Young Yoo On a fast pitch searching by using a simple correlation technique in the CELP vocoder 98944
Myung Jin Choi *see* Hong Kyu Lee 110629
Myung Jin Chung *see* Joong Hyup Ko 79020
Myung Jin Chung *see* Joong Hyup Ko 80698
Myung Kim Hyung *see* Hyung Myung Kim
Myung Lee Gue *see* Gue Myung Lee
Myung Noh-Hoon *see* Noh-Hoon Myung
Myung Seo Jae *see* Jae Myung Seo
Myung Shik Kim *see* Min Gyu Kim 107160
Myung Soo Han, Byung Kwon Song, Yob Bum Hou, Tae Won Kang DLTS study of CdTe:In epilayers grown by MBE 92749
Myung Soo Han, Young Sun Ryu, Byung Kwon Song, Tae Won Kang, Jae Mook Kim, Hong Kook Kim, Yong Taek Jeoung Growth of CdTe epilayers on Si(100) by molecular beam epitaxy 104014
Myung Soo Kim Optical interconnection using a four phase grating 65004
Myung Sung Lee *see* Sungwon Kang 108792
Myung Won Kim *see* Jong-Moon Kim 73605
Myung-Bo Kwak *see* He-Young Lee 106193
Myung-Chan Kim, Jong-Koo Kim, Soon-Chan Hong Optimal current angle control method of interior permanent magnet synchronous motors 81941
Myung-Hwan Oh *see* Heung-Woo Park 114512
Myung-Hyun Lee *see* Seon Gyu Han 116108
Myung-Joong Youn *see* Gun-Woo Moon 81545
Myung-Jun Choe *see* Hee-Cheol Choi 93530
Myung-Ki Kim *see* Keun-Chung Kim 86880
Myung-Ki Kim *see* Young-Gon Kim 112935
Myung-Kwan Ryu *see* Jin-Won Kim 84383
Myung-Ryul Choi Implementation of artificial neural network with on-chip learning circuitry 83284
Myung-Ryul Choi, Woo-Gyun Shin, Kyung-Won Kim, Sung-Sil Kim, Seung-Ho Tak Implementation of a digital signal processing board for AVIS 97913
Myung-Ryul Choi, Woo-Gyun Shin, Young-Jin Shin, Seung-Ho Tak Implementation of a speech synthesis module for a voice pager 86155
Myung-Seob Lim *see* Insung Lee 78436
Myung-Sub Lim *see* Bub-Joo Kang 68185
Myung-Sub Lim *see* Bub-Joo Kang 118959
Myung-Sung Lee *see* Zhang, P. 78439
Myung-Won Kim *see* Hong Jeong 76847
Myungchul Kim, Chanson, S.T., Gyuhyeong Kim Concurrency model and its application to formal specifications of asynchronous protocols 77764
Myunghee Jung, Crawford, M.M. Contextual simulation of landscape based on remotely sensed data 80606
Myungjoon Kim *see* Jungchan Na 98579
Myungjun Choe *see* Geunsoon Kang 109944
Myungki Shin *see* Sunwan Choi 77759
Myznikov, K. *see* Andriischin, A. 100413
Mzavia, D. *see* Schmidt, P.V. 90179

Na, H. *see* Sutton, E. 80618
Na, I. *see* Huang, Z.C. 99989
Na, J.G. Fabrication and magnetic properties of metal/cobalt ferrite composite thin films 61356
Na, M.-S. *see* Hwang, E.-J. 86103
Na, M.H. *see* Haetty, J. 103915
Na, S. *see* Seo, J. 118310
Na, W., Paik, J.K. Multichannel image restoration based on a pseudo-block-diagonalized Wiener filter 86560
Na Jong-Min *see* Jong-Min Na
Na Jungchan *see* Jungchan Na
Na Keeyeol *see* Keeyeol Na
Na Sang Sin *see* Sang Sin Na
Na Sangsin *see* Sangsin Na
Na Suk-Hwan *see* Suk-Hwan Na
Na-Xin Wang *see* De-Gui Sun 85219
Naaman, R., Vager, Z. An electron multiplier capable of working at low vacuum: the microsphere plate 114546
Nabaa, N., Bishop, R.H. A recursive solution to the sensor registration problem in a multiple sensor tracking scenario 108297
Nabae, A., Tanaka, T. A new definition of instantaneous active-reactive current and power based on instantaneous space vectors on polar coordinates in three-phase circuits 101679
Nabae, A. *see* Nakano, H. 91624
Nabatian, D. *see* Brown, O. 83642
Nabekawa, Y., Sajiki, K., Yoshitomi, D., Kondo, K., Watanabe, S. High-repetition-rate high-average-power 300-fs KrF/Ti:sapphire hybrid laser 65030
Nabekawa, Y., Yoshitomi, D., Kondo, K., Watanabe, S. Development of high power femtosecond lasers in ISSP 116426
Nabekawa, Y. *see* Kobayashi, Y. 119910
Nabekawa, Y. *see* Watanabe, S. 116636
Nabet, B. *see* Paolella, A. 89106
Nabeta, D.I., Foggia, A., Coulomb, J.-L., Reyne, G. Finite element analysis of the skin-effect in damper bars of a synchronous machine 102674
Nabeta, S. *see* Brodskyn, H.O. 102262
Nabeta, S.I., Chabu, I.E., Cardoso, J.R. Rotor design of a double-cage induction motor using finite element analysis 102726
Nabeta, S.I., Foggia, A., Coulomb, J.-L., Reyne, G. Finite element simulations of unbalanced faults in a synchronous machine 71285
Nabeta, T. *see* Fujiwara, H. 94542
Nabeta, Y. *see* Funatsu, E. 87247
Nabicht, J.T. *see* Sadkowski, R. 93555
Nabiev, R.F., Chang-Hasnain, C.J. Transport and modulation analysis of vertical cavity surface emitting lasers (VCSEL) 65326
Nabiev, R.F. *see* Mawst, L.J. 107295
Nabona, N. *see* Castro, J. 72499
Nabona, N. *see* Chiva, A. 102017
Nabulsi, K.A., Dudley, D.G. A new approximation and a new measurable constraint for slab profile inversion 70463
Naccache, D. *see* M'Raihi, D. 76742
Naccarino, J. *see* Liu, K. 70795
Nace, D., Carlier, J. Distributed rerouting in DCS mesh networks 108750
Naceur Azaiez, M., Bier, V.M. Aggregation error in Bayesian analysis of reliability systems 82345
Nachman, A. A brief perspective on computational electromagnetics 78959
Nachman, L., Saluja, K.K., Upadyaya, S., Reuse, R. Random pattern testing for sequential circuits revisited 93237
Nachtegall, D.E. *see* Troxell, J.R. 63952
Nachtigall, C. *see* Drescher, P. 105007
Nachtigall, C. *see* Hartmann, P. 120119
Nachtmann, B. *see* Bluethner, K. 95083
Nachtwei, G., Heide, S., Breitlow, C., Svoboda, P., Streda, P., Cukr, M. Non-equilibrium behaviour of spin-resolved quantum transport in tilted magnetic fields 74273
Naciri, J. *see* Crawford, G.P. 95871
Naciri, J. *see* Geer, R.E. 106308
Naciri, J. *see* Gruneberg, K. 95275
Nacke, B. *see* Schulze, D. 71939
Nacken, P.F.M. Chamfer metrics, the medial axis and mathematical morphology 67077
Nacken, P.F.M. *see* Groen, E. 69951
Nad, R. *see* Modlic, B. 79126
Nadadur, D.C. *see* Thornton, K. 67485
Nadal, M., Barbir, F. Development of a hybrid fuel cell/battery powered electric vehicle 81969
Nadarajan, B. *see* Peng Hwa Ang 87659
Nadaya, N., Simoyama, A., Matsui, H., Abe, M., Hatanaka, T., Furutoh, K. High-performance plain-paper facsimile "Super Like I" NEFAX650/690/790/D690/D790 67717
Nadazdy, V. *see* Pincik, E. 63289
Nadehara, K. *see* Kozu, S. 73423
Nadel, S., Geller, H. Utility DSM. What have we learned? Where are we going? 70672
Nader-Esfahani, S. *see* Abdi, A. 66733
Nader-Esfahani, S. *see* Abdi, A. 97856
Nader-Esfahani, S. *see* Abdi, A. 116903
Nader-Esfahani, S. *see* Ghavami, M. 83238
Naderman, J. *see* Ragay, F.W. 112951
Nadeski, M. *see* Kuo, S.M. 93464
Nadezhdinskii, A. New generation of tunable diode laser based systems 65580
Nadezhdinskii, A.I. *see* Baldacchini, G. 69556
Nadezhdinskii, A.I. *see* Moskalenko, K.L. 69946
Nadgauda, N. *see* Ziemer, R.E. 109347
Nadgomy, B., Shokhor, S., Gurvitch, M., Hou, S.Y., Phillips, J.M. Thin-film YBa$_2$Cu$_3$O$_{7-x}$ direct current SQUIDs with Josephson junctions made by direct electron beam writing 115944
Nadi, W.El *see* El Nadi, W.
Nadimi, S.A., Bredow, J.W. Preliminary evaluation of a millimeter-wave system for air pollution monitoring 111309
Nadimi, S.A. *see* May, G.C. 111296
Nadji, A., Brunelle, P., Flynn, G., Level, M.P., Sommer, M., Zyngier, H. Quasi-isochronous experiments with the Super-ACO storage ring 120032
Nadji, A. *see* Level, M.-P. 76071
Nadkarni, V.B. *see* Aluru, N.R. 84550
Nadle, D.L. *see* Reass, W.A. 112172
Nadler, J.H. *see* Anderl, R.A. 104251
Nadler, S.D. *see* Schiff, H.I. 70519
Nadler, S.D. *see* Schiff, H.I. 70533
Nadolinnyi, V.A. *see* Bessergenev, V.G. 104131
Nadtochi, A.V. *see* Akesson, T. 69833
Nadyrov, I.I. *see* Tumanovskii, A.G. 121340
Nae Woei Huang *see* Yinyi Lin 75273
Naem, A.A., Chee, L.Y. Variation of cobalt silicide resistivity with temperature 84225
Naemura, T., Harashima, H. Resolution scalable coding of a multi-view 3-D image 67126
Naemura, T., Kaneko, M., Harashima, H. 3-D segmentation of multi-view images based on disparity estimation 86532
Naeppi, J. *see* Rakennus, K. 74228
Naess, S., Lande, T.S. Frequency analysis in micropower analog CMOS 104731
Naf, M., Kubler, O., Kikinis, R., Shenton, M.E., Szekely, G. Characterization and recognition of 3D organ shape in medical image analysis using skeletonization 110715
Naff, R. Trends and applications of satellite operations in SE Asia 88432
Naffziger, S. A sub-nanosecond 0.5 μm 64 b adder design 73288
Naffziger, S. *see* Lotz, J. 73428
Nafria, M., Sune, J., Aymerich, X. Breakdown of thin gate silicon dioxide films – a review 95251
Nafstad, H., Iversen, A.W. The role of information technology in African development 98534
Nag, B.R. *see* Gangopadhyay, S. 74441
Nag, S. *see* Krishnan, S. 105639
Nagabhushan, P. *see* Sarita, S. 120700
Nagabhushana, G.R. *see* Balachandra, T.C. 75040
Nagabhushana, G.R. *see* Thomas, M.J. 76459

Nagabhushana, T.N., Chandrasekharaiah, H.S. Fault diagnosis of electrical power systems using incremental radial basis function nets 81177
Nagacevschi, V. *see* Chiriac, H. 115558
Nagadi, M.M. *see* Raashid, M. 119969
Nagado, T. *see* Nakama, T. 70688
Nagae, Y., Maruyama, K., Oikawa, H. General creep characteristics of α_2 single-phase polycrystalline intermetallics 113513
Nagae, Y. *see* Mimura, A. 84604
Nagaenko, M. *see* Kashikhin, V. 90059
Nagaenko, M. *see* Moser, H.O. 79772
Nagafuchi, T. *see* Yonehara, H. 89802
Nagafusa, T. *see* Kato, T. 121085
Nagahama, K. *see* Tada, H. 96250
Nagahama, S. *see* Nakamura, S. 75914
Nagahama, S. *see* Nakamura, S. 107293
Nagahama, S. *see* Nakamura, S. 107296
Nagahama, T. *see* Mibu, K. 95349
Nagahama, T. *see* Sakai, S. 91304
Nagahashi, H. *see* Kurianski, A. 86515
Nagahashi, H. *see* Kurianski, A. 87085
Nagahisa, M. *see* Kawamata, M. 67066
Nagahori, T., Miyoshi, K., Hatakeyama, I., Araki, S., Yoneda, I., Kimura, N., Fukushima, K., Itoh, M. 1-Gbyte/sec array transmitter and receiver modules for low-cost optical fiber interconnection 119217
Nagahori, T. *see* Hatakeyama, I. 78680
Nagahori, T. *see* Itoh, M. 116242
Nagahori, Y. *see* Endo, S. 104079
Nagai, A., Ishikawa, M., Masuko, J., Sonobe, N., Chuman, H., Iwasaki, T. Lithium storage mechanism in nongraphitizable carbon 112305
Nagai, A. *see* Kobayashi, A. 96534
Nagai, A. *see* Tomimasu, T. 76063
Nagai, A. *see* Tomimasu, T. 107395
Nagai, H., Aizawa, M., Ono, J. Long distance remote sensing of methane gas using a 1.65 µm DFB LD and a single mode fiber 69365
Nagai, H., Kume, M., Yoshikawa, A., Itoh, K., Hamaguchi, C. Periodic pulse oscillation in an intracavity-doubled Nd:YVO_4 laser 107205
Nagai, H. *see* Asano, J. 70950
Nagai, H. *see* Koga, T. 91805
Nagai, H. *see* Ohata, K. 88085
Nagai, H. *see* Yoshida, Y. 92698
Nagai, K. *see* Adachi, C. 116258
Nagai, K. *see* Igarashi, J. 89505
Nagai, K. *see* Ohmaru, M. 90310
Nagai, K. *see* Okuno, A. 112954
Nagai, K. *see* Tasaki, N. 90853
Nagai, K. *see* Wakatsuki, N. 89509
Nagai, K. *see* Yoneoka, M. 109572
Nagai, M. *see* Mimura, A. 84604
Nagai, N., Kaga, T., Youssef, M., Moriwaki, T., Sugata, M., Takeda, K. An open distributed computer system architecture for power network control 80880
Nagai, N., Kaga, T., Youssef, M., Takeda, K., Kon, N., Asano, S., Sakuyama, A. An open distributed computer configuration for supervisory control and data acquisition (SCADA) system [substation control] 102923
Nagai, N., Suzuki, H., Iyoda, I., Kono, Y. A tool for analysis of transmission component dynamics and its application 80891
Nagai, N. *see* Aketa, Y. 93596
Nagai, N. *see* Hiraki, K. 77886
Nagai, N. *see* Kondo, T. 73138
Nagai, N. *see* Ohta, N. 75231
Nagai, N. *see* Okamoto, K. 106605
Nagai, R. *see* Minehara, E.J. 76069
Nagai, R. *see* Sugimoto, M. 96476
Nagai, T., Ikehara, M. Design and implementation of linear-phase two-channel perfect reconstruction finite impulse response filter banks with equiripple stopband 66685
Nagai, T., Ikehara, M. Design of linear-phase M-channel perfect reconstruction finite impulse response filter banks using Lagrange-Newton method 77029
Nagai, T., Ikehara, M. Design of over sampled perfect reconstruction FIR filter banks 114110
Nagai, T., Tsutsui, S., Ikehara, M. Design of perfect reconstruction FIR filter banks using DFT-modulation 83229
Nagai, T. *see* Kasai, Y. 82598
Nagai, T. *see* Tsutsui, S. 117528
Nagai, T. *see* Watanabe, Y. 61898
Nagai, T. *see* Watanabe, Y. 93381
Nagai, T. *see* Yukino, T. 70999
Nagai, Y. Planarization of surface of aluminium nitride substrate with thin silicon oxide film 105708
Nagai, Y., Ohtani, Y., Suzuki, N., Ichinose, Y., Kumahara, N. A new personal multi-functional card and related communication equipment for an automatic call forwarding service 98963
Nagai, Y., Saito, H., Iwata, T., Nagashima, Y., Hyodo, T., Uchida, H., Omura, T. A new two-dimensional angular correlation of annihilation radiation apparatus using position-sensitive photomultiplier tubes 120182
Nagai, Y. *see* Shima, N. 116893
Nagai, Y. *see* Suzuki, N. 66045
Nagai, Y. *see* Tada, H. 96250
Nagai, Y. *see* Takemura, Y. 90487
Nagaishi, H. *see* Hosoya, M. 115914
Nagaki, Y. *see* Takano, Y. 92752
Nagakubo, M. *see* Idogaki, T. 74970
Nagakubo, M. *see* Ohara, J. 84686
Nagakubo, M. *see* Teshigahara, A. 120922
Nagakura, T., Ishihara, K., Furukawa, T., Masuda, K., Tsuda, T. Auto-regulated medical pump without energy supply 110939
Nagakura, T. *see* Okazaki, T. 110804
Nagalingam, S., Min-Su Fung, Thind, S. Plasma charging and damage evaluation of reactive ion etching using surface photovoltage technique and corona pulsed deep depletion technique 105640
Nagalingam, S. *see* Anderson, L. 63970
Nagalla, R., Hellestrand, G. Elimination of dynamic hazards from signal transition graphs 93342
Nagamachi, S., Yamakage, Y., Ueda, M., Maruno, H., Ishikawa, J. Focused ion-beam direct deposition of metal thin film 72951
Nagamatsu, T. *see* Unekawa, Y. 78296
Nagamatu, T. *see* Kuroda, T. 73425
Nagamatu, T. *see* Kuroda, T. 104515
Nagame, Y. *see* Ichikawa, S. 90112
Nagame, Y. *see* Ikezoe, H. 100991
Nagami, A. *see* Nakanishi, T. 105906
Nagami, M. *see* Kikuchi, M. 106704
Nagami, M. *see* Ninomiya 64569
Nagamine, K. *see* Tanaka, J. 82237
Nagamine, M. *see* Imoto, H. 81661
Nagamine, M. *see* Kato, H. 71624
Nagamine, T. *see* Abe, K. 69708
Nagamine, T. *see* Abe, K. 69726
Nagamine, T. *see* Takamatsu, H. 80041
Nagamine, T. *see* Takamatsu, H. 100907
Nagamochi, H., Kameda, T. Constructing cactus representation for all minimum cuts in an undirected network 82433
Nagamune, A. *see* Yoshino, M. 113592
Nagamune, Y. *see* Dixon, D. 74383
Nagamune, Y. *see* Dixon, D. 105414
Nagamune, Y. *see* Fasol, G. 63806
Nagamune, Y. *see* Kouwenhoven, L.P. 105407
Nagamune, Y. *see* Tanaka, T. 62918
Nagamune, Y. *see* Toda, Y. 94499
Nagamura, T. *see* Sakaguchi, H. 85587
Nagamura, T. *see* Sasaki, K. 75393
Nagamura, Y. *see* Torikai, T. 111610
Naganathan, N.G. *see* Onders, J.P. 84712
Naganathan, N.G. *see* Seshu, P. 95311
Naganawa, H. *see* Hayashi, K. 102871
Nagano, H. *see* Takeuchi, H. 73128
Nagano, I. *see* Chettri, S. 97669
Nagano, K., Niitsuma, H. Estimation of guided wave velocity in subsurface fracture using a time-frequency representation technique 90760
Nagano, K., Niitsuma, H. Estimation of discontinuity orientation with coherence matrix analysis of guided waves 101518
Nagano, K. *see* Uyematsu, T. 117108
Nagano, M. *see* Araki, H. 89358
Nagano, M. *see* Fujii, T. 96174
Nagano, M. *see* Fukushima, K. 91774
Nagano, M. *see* Takahashi, C. 84862
Nagano, M. *see* Yagi, M. 81279
Nagano, R. *see* Naito, J. 69981
Nagano, T. Trade-offs between CMOS and BiCMOS 93200
Nagano, T. *see* Higuchi, H. 93355
Nagano, T. *see* Koike, T. 106633
Nagano, T. *see* Mizuno, H. 61896
Nagano, T. *see* Mizuno, H. 93379
Nagano, T. *see* Wang, H. 99352
Naganuma, J. *see* Inamori, M. 73418
Naganuma, K. Measurements of wavelength dispersion based on Fourier-transformed OTDR: from laser cavities down to semiconductor waveguides 69531
Naganuma, K. *see* Ito, A. 102427
Naganuma, M. *see* Shibata, Y. 78887
Naganuma, M. *see* Yoshimoto, N. 99460
Nagao, H. *see* Nishikata, A. 76489
Nagao, M., Harada, K. Inductor commutation soft-switched PWM inverter driven by frequency modulated PWM signal 121667
Nagao, M., Kosaki, M., Tohyama, K., Tokoro, T. High-field dissipation current waveform in e-beam-irradiated XLPE film at high temperature 84701
Nagao, M., Watanabe, S., Harada, K. Efficiency improvement by frequency modulation of carrier signal for inductor commutation soft-switched PWM inverter 81557
Nagao, M. *see* Fukuma, M. 64130
Nagao, M. *see* Gotoh, Y. 114508
Nagao, M. *see* Ishida, T. 64046
Nagao, M. *see* Ishida, T. 95290
Nagao, M. *see* Kosaki, M. 81096
Nagao, M. *see* Minoda, A. 64053
Nagao, M. *see* Mizuno, Y. 81095
Nagao, M. *see* Muramoto, Y. 64050
Nagao, M. *see* Srinivas, M.B. 75053
Nagao, M. *see* Tanaka, T. 64113
Nagao, M. *see* Tohyama, K. 64117
Nagao, M. *see* Tsurimoto, T. 64136
Nagao, M. *see* Tsurimoto, T. 115437
Nagao, S. *see* Matsuzaki, T. 109014
Nagao, T. Homogeneous coding for genetic algorithm based parameter optimization 92554
Nagao, T. Magnetotransport through random antidot lattices 105310
Nagao, T. *see* Mitsuishi, M. 84652
Nagao, T. *see* Morishita, H. 66104
Nagao, T. *see* Morishita, H. 85985
Nagao, T. *see* Shirakawa, H. 117833
Nagao, T. *see* Tsukagoshi, K. 94530
Nagao, Y. *see* Sakata, H. 85224
Nagaoka, H. *see* Kato, A. 66385
Nagaoka, H. *see* Kato, A. 66410
Nagaoka, M. *see* Kawakyu, K. 88240
Nagaoka, N., Ishida, S., Ametani, A., Imai, H. A simulation of a harmonic current in a building distribution system 111589
Nagaoka, N. *see* Ametani, A. 111614
Nagaoka, N. *see* Matsuura, T. 91164
Nagaoka, R. *see* Bocchetta, C.J. 79809
Nagaoka, R. *see* Svandrlik, M. 100632
Nagaoka, S. Optomechanical switches for fiber-optic communication systems 78721
Nagaoka, S. *see* Uenishi, Y. 76021
Nagaoka, T. *see* Makino, T. 113511
Nagaoka, Y. *see* Hasegawa, K. 78271
Nagar, R. *see* Kurz, P. 65315
Nagaraj, H.C., Radhakrishnan, S., Srinivasan, S., Swaminathan, T.R. A real-time recording system for brainstem auditory evoked responses and the study of stimulus polarity effects 120446
Nagaraj, K. Area-efficient self-calibration technique for pipe-lined algorithmic A/D converters 83188
Nagaraj, K., Fetterman, H.S., Shariatdoust, R.S., Anidjar, J., Lewis, S.H., Alsayegh, J., Renninger, R.G. An 8-bit 50+ Msamples/s pipelined A/D converter with an area and power efficient architecture 114030
Nagaraj, S.V. *see* Balasubramanian, R. 72475
Nagarajan, G.S., Chien-Hsien Ho, Van Zee, J.W. A simple model for electrochemical impregnation of nickel hydroxide 71663
Nagarajan, K., Kresch, E., Rao, S.S., Kresh, Y. Constrained ECG compression using best adapted wavelet packet bases 120411
Nagarajan, K., Santos, D.L., Srihari, K. A computer aided cost estimation system for BGA/DCA technology 104928
Nagarajan, R., Li, B., Dato, R., Wen, P., Braid, P., Dzurko, K., Craig, R.C. Wide-temperature (–40°C to 125°C) uncooled operation of a singlemode fibre packaged high-speed optical data link at 1.2 Gbit/s 99475
Nagarajan, R., Marsland, R., Dato, R., Wen, P., Li, B., Braid, P., Dzurko, K., Craig, R. 'Coolerless' operation of a high speed data link at 1 GBit/s over a temperature range from –10°C to 125°C 78835
Nagarajan, R., Marsland, R., Li, B., Dato, R., Wen, P., Braid, P., Dzurko, K., Craig, R. High temperature (>125°C) uncooled operation of a 1.2 Gbit/s single-mode fiber packaged optical data link 88570
Nagarajan, R., Marsland, R., Li, B., Dato, R., Wen, P., Braid, P., Dzurko, K., Craig, R. Uncooled high-temperature (130°C) operation of single-mode packaged fiber optic transmitter and receiver at 1.2 GBit/s 109607
Nagarajan, R., Subramanian, R.K., Joseph, J., Tan Geik Kew An expert system methodology for industrial process management 88910
Nagarajan, R. *see* Easton, R.L., Jr. 76287
Nagarajan, R. *see* Neeraj Khare 106694
Nagarajan, R. *see* Ramjee, R. 88204
Nagarajan, R. *see* Rang-Chen Yu 107228
Nagarajan, R. *see* Zhang, S. 109613
Nagarajan, S. *see* Giakos, G.C. 80358
Nagarajan Ramesh *see* Ramesh Nagarajan
Nagare, I. *see* Suzuki, K. 104897
Nagari, A. *see* Baschirotto, A. 114069
Nagari, A. *see* Crippa, C. 109505
Nagari, A. *see* Nicollini, G. 93563
Nagarkar, V.V., Gordon, J.S., Vasile, S., Gothoskar, P., Hopkins, F. High resolution X-ray sensor for non-destructive evaluation 80157
Nagarkar, V.V., Gordon, J.S., Vasile, S., Gothoskar, P., Hopkins, F. High resolution X-ray sensor for non destructive evaluation 101034
Nagasaka, A., Shintani, Y., Nakamatsu, Y., Hibi, T., Hatanaka, H. OKI Media Server: General purpose media server 98893
Nagasaka, T. *see* Soramoto, S. 88967
Nagasaka, Y. *see* Yoshikawa, A. 67050
Nagasaki, A. *see* Kurokawa, Y. 115770
Nagasaki, O. *see* Hirata, K. 70853
Nagasaki, T., Hirata, M., Kawashima, T., Aoki, Y. Structure model estimation of articulated object by motion observation 86869
Nagasako, I. *see* Hasegawa, Y. 73811
Nagasawa, H., Mitsui, H., Kawahara, T., Yagi, K., Yamaguchi, Y. Electronic properties of 3C-SiC films grown by alternate gas supply 105217
Nagasawa, H., Murayama, K., Yamaguchi, M., Morifuji, M., Hamaguchi, C., Carlo, A.D., Vogl, P., Bohm, G., Trankle, G., Weimann, G. Wannier-Stark oscillations in Zener tunneling currents 63562
Nagasawa, H., Takahashi, T., Horikawa, Y., Tanabe, T. Development of measuring apparatus for contact wire wear using sodium vapor lamps 81977
Nagasawa, H. *see* Mameno, K. 105570
Nagasawa, M. Surface data compression using vector representations 67133
Nagasawa, M., Mukumoto, K., Fukuda, A. Analysis of data collection system via meteor burst channel 88449
Nagasawa, N. *see* Hasuo, M. 74304
Nagasawa, N. *see* Suzuki, M. 61157

Nagasawa, S. *see* Kihara, M. 106792
Nagasawa, S. *see* Tahara, S. 115915
Nagasawa, S. *see* Tanifuji, T. 78675
Nagasawa, Y. *see* Aruga, K. 64404
Nagasawa, Y. *see* Suzaki, S. 85098
Nagase, A. *see* Watanabe, K. 110471
Nagase, M., Namatsu, H., Kurihara, K., Makino, T. Critical dimension measurement in nanometer scale by using scanning probe microscopy 100311
Nagase, M. *see* Ashino, R. 72738
Nagase, M. *see* Namatsu, H. 114719
Nagase, M. *see* Takahashi, Y. 95080
Nagase, R., Kato, K., Iwano, S., Mitachi, S. Simplified SC-type receptacles for ONU 99524
Nagase, R. *see* Iwano, S. 95682
Nagase, R. *see* Kobayashi, M. 95683
Nagase, R. *see* Mitachi, S. 99523
Nagase, R. *see* Takeuchi, Y. 95684
Nagashima, A. *see* Kawano, Y. 65583
Nagashima, A. *see* Kikuchi, M. 106704
Nagashima, H., Yoshioka, S., Komatsu, N., Yagi, T., Ushiroda, M., Kouno, T. Development of 64 Mbit Mask ROM 73383
Nagashima, K. *see* Hirai, T. 94966
Nagashima, K. *see* Kikuchi, M. 106704
Nagashima, K. *see* Matsuoka, T. 71612
Nagashima, K. *see* Ninomiya 64569
Nagashima, M. *see* Kanno, T. 69273
Nagashima, M. *see* Okamoto, T. 94322
Nagashima, S., Tsunekawa, T., Shiroguchi, N., Zenba, H., Uda, M. Double cylindrical open counter of pocket size 69793
Nagashima, T. *see* Nogami, H. 99174
Nagashima, T. *see* Nogami, H. 108331
Nagashima, T. *see* Sumimoto, T. 72897
Nagashima, Y. *see* Hazumi, M. 100854
Nagashima, Y. *see* Kawabata, T. 88408
Nagashima, Y. *see* Nagai, Y. 120182
Nagashima, Y. *see* Tsuboyama, T. 100836
Nagaslaev, V.P. *see* Aulchenko, V.M. 100917
Nagasubramanian, G., Shen, D.H., Surampudi, S., Halpert, G. Polyacrylonitrile-based gelled electrolytes for lithium battery applications 81696
Nagaswamy, K. *see* Oruganti, R. 71554
Nagat, A.T. *see* Gamal, G.A. 83886
Nagata, H., Ichikawa, J. Progress and problems in reliability of Ti:$LiNbO_3$ optical intensity modulators 85095
Nagata, H., Mitsugi, N. Mechanical reliability of $LiNbO_3$ optical modulators hermetically sealed in stainless steel packages 85087
Nagata, H., Sakamoto, T., Honda, H., Ichikawa, J., Haga, E.M., Shima, K., Haga, N. Reduced thermal decomposition of OH-free $LiNbO_3$ substrates even in a dry gas atmosphere 106831
Nagata, H., Shima, K. Surface steps observed in a dry annealed z-cut $LiNbO_2$ substrate 95269
Nagata, H. *see* Miura, T. 83308
Nagata, J. *see* Murata, T. 77979
Nagata, K. *see* Ezawa, H. 80081
Nagata, K. *see* Ezawa, H. 100931
Nagata, K. *see* Hisatome, N. 81770
Nagata, K. *see* Maruyama, K. 100989
Nagata, K. *see* Maruyama, T. 81837
Nagata, K. *see* Saeki, T. 73369
Nagata, K. *see* Yamamoto, T. 98895
Nagata, M., Iwasawa, C., Yamaoka, S., Seino, Y., Ono, M. Development of self-supporting air electrode SOFC 81765
Nagata, M., Yokoyama, A., Sekine, Y. Stabilization of inter-area and/or oscillatory modes in large-scale power system by VIPS apparatus based on decentralized control scheme 101966
Nagata, M. *see* Iwasawa, C. 81820
Nagata, M. *see* Kosaki, M. 81096
Nagata, M. *see* Shimomura, N. 112141
Nagata, M. *see* Yoshida, I. 88257
Nagata, S., Enokizono, M. Boundary element analysis of inhomogeneous materials 107736
Nagata, S., Kasuga, Y., Momma, A., Kato, T. Simulation of temperature distribution of tubular solid oxide electrolysis cell 112317
Nagata, S., Okuo, T., Kaga, Y., Kasuga, Y., Momma, K., Tsukamoto, K., Uchiyama, F. Development of tubular SOFC using metallic substrate 81771
Nagata, S. *see* Ikuta, K. 80426
Nagata, S. *see* Okuo, T. 121869
Nagata, S. *see* Sashida, N. 87048
Nagata, T., Ohkawa, T., Komoda, N. Case-based transformational design method based on personal specification 60548
Nagata, T., Sasaki, H., Yorino, N. A personal computer based expert system for power system operation education 80775
Nagata, T., Sezaki, K., Yasuda, Y. A non-blocking architecture of wavelength division multiplexing photonic switching network 88046
Nagata, T. *see* Hara, K. 97991
Nagata, T. *see* Hirata, K. 70853
Nagata, T. *see* Hongbin Zha 87116
Nagata, T. *see* Jae-Moon Chung 67454
Nagata, T. *see* Jae-Moon Chung 77075
Nagata, T. *see* Jae-Moon Chung 97918
Nagata, T. *see* Jong-Eun Byun 86353
Nagata, T. *see* Kojoh, T. 108724
Nagata, T. *see* Miyoshi, T. 119881
Nagata, T. *see* Ogasawara, M. 61879
Nagata, T. *see* Okada, N. 96858
Nagata, T. *see* Shigehiro, Y. 95100
Nagata, T. *see* Shimizu, H. 119832
Nagata, T. *see* Zha, H.B. 97930
Nagata, Y., Midorikawa, K., Obara, M., Toyoda, K. Plasma diagnostics of optical-field ionized soft X-ray lasers 65022
Nagata, Y., Okajima, K., Murata, R., Mitsumori, M., Mizowaki, T., Yamamoto, M., Hiraoka, M., Nishidai, T., Nakata, M., Abe, M., Sugahara, K., Arimura, H., Hosoba, M., Morisawa, H., Kazusa, C., Ai, D., Kokubo, M. Development of an integrated radiotherapy network system 80455
Nagata, Y. *see* Ishida, M. 92704
Nagata, Y. *see* Midorikawa, K. 116637
Nagatake, K. *see* Kabei, N. 85805
Nagatake, T. *see* Yoshida, T. 74334
Nagatani, R.M. *see* Fishbein, E.F. 120780
Nagatani, R.N. *see* Kursinski, E.R. 70484
Nagatani, S. *see* Iigahama, Y. 110294
Nagatani Go *see* Go Nagatani
Nagatomo, T. *see* Okumura, H. 105138
Nagatomo, T. *see* Yokouchi, K.-I. 104066
Nagatomo, T. *see* Zhang Zhi-lin 85306
Nagatomo, Y. *see* Ino, M. 61380
Nagatsu, M. *see* Sasaki, K. 65051
Nagatsu, N., Okamoto, S., Sato, K. Optical path cross-connect system scale evaluation using path accommodation design for restricted wavelength multiplexing 78729
Nagatsu, N. *see* Sato, K. 78853
Nagatsuka, M. *see* Kohno, R. 88387
Nagatsuka, T., Koseki, T., Kamiya, Y., Izawa, M., Terada, Y. A design of input coupler for RF-cavity 100662
Nagatsuka, T., Koseki, T., Kamiya, Y., Terada, Y. 3D numerical analysis of magnets and the effect of eddy current on fast steering 89810
Nagatsuka, T. *see* Kimura, T. 111389
Nagatsuma, T. Electro-optic testing technology for high-speed LSIs 63868
Nagatsuma, T. *see* Otsuji, T. 110043
Nagatsuma, T. *see* Shimizu, N. 103402
Nagatsuma, T. *see* Shinagawa, M. 69091
Nagaya, K., Shuto, S. Approximate boundary conditions in a circular conductor and their application to nonlinear vibration analyses of high-Tc superconducting levitation system 64584
Nagaya, S., Hirano, N., Shintomi, K., Yahara, A., Sakano, M., Matsui, M., Matsuba, H. Material damage detector using SQUID magnetometry 82822
Nagaya, S., Miyatake, T., Fujita, T., Ito, W., Ueda, H. Moving object detection by time-correlation-based background judgement 86872
Nagayama, K., Hatano, S., Nishihara, K. Analytical Fourier transform of Fraunhofer hologram pattern of a wire 116745
Nagayama, M., Kato, H., Ohtani, A., Igarashi, K. The type 10 ionosonde of the Communications Research Laboratory 80636
Nagayama, M. *see* Kato, H. 70482
Nagayama, M. *see* Ohtani, A. 76437
Nagayama, T. *see* Ishitani, H. 110282
Nagayoshi, H., Onozawa, Y., Ikeda, M., Yamaguchi, M., Yamamoto, Y., Uematsu, T., Saitoh, T., Kamisako, K. Effect of hydrogen-radical annealing for SiO_2 passivation 105621
Nagayoshi, H., Yamamoto, Y., Kamisako, K. Etching and surface modification of GaAs by hydrogen radicals generated by hydrogen microwave afterglow method 63268
Nagayoshi, R. *see* Sugawara, M. 119738
Nagchaudhuri, A. *see* Dickey, C. 89932
Nagdy, K.El *see* El Nagdy, K.
Nagdy, N.M. *see* Madkour, M.A. 91152
Nagel, A. *see* Karvelis, G.A. 71826
Nagel, D., Kuhlmann, U., Sittig, R. pn-junctions in silicon with blocking capabilities beyond 2.5 kV produced by rapid thermal processing 74342
Nagel, D., Sittig, R. Comment on "Metal-insulatar-semiconductor inversion layer solar cells by using rapid thermal processing" [Appl. Phys. Lett. 67, 697 (1995)] 71701
Nagel, H. *see* Ragg, O.M. 115512
Nagel, H.-H., Gehrke, A., Haag, M., Otte, M. Space- and time-variant estimation approaches and the segmentation of the resulting optical flow fields 86840
Nagel, H.-H., Kollnig, H.W. Evaluation of image sequences from outdoor scenes: selected problems and solutions 87035
Nagel, H.-H. *see* Frank, T. 67303
Nagel, H.-H. *see* Kollnig, H. 67299
Nagel, J. *see* Dreizner, A. 115356
Nagel, J. *see* Evangelides, S.G., Jr. 109667
Nagel, J.A. *see* Bergano, N.S. 88646
Nagel, J.A. *see* Feggeler, J.C. 78683
Nagel, J.A. *see* Feggeler, J.C. 88591
Nagel, J.A. *see* Fishman, D.A. 68414
Nagel, U. *see* Blumel, W. 81316
Nagele, M. *see* Fischer, M. 84626
Nagelkerke, P., Franks, I.M. An optical encoder and XY oscilloscope interface for the IBM PC 120262
Nagels, P. *see* Adriaenssens, G.J. 94414
Nagels, P. *see* Boev, V. 114660
Nagendra, C., Irwin, M.J., Owens, R.M. Area-time-power tradeoffs in parallel adders 113921
Nagendra, C., Owens, R.M., Irwin, M.J. Design tradeoffs in high speed multipliers and FIR filters 93213
Nagendra, C. *see* Borah, M. 108694
Nagendra, C.L. *see* Kumar, S.A. 85237
Nagesh, D.S., Srinivasan Nair, S.K., Muraleedharan, C.V., Bhuvaneshwar, G.S. PC based instrumentation as an economic method for quality assurance–an experience based on development of hydrocephalus shunt test system 110927
Nagesh, S.K. *see* Shastry, S.V.K. 76463
Nagesha, V., Kay, S. Spectral analysis based on the canonical autoregressive decomposition 77035
Nageswara Rao, K., Venkata Ramana, P., Krishnamurthy, M.V., Srinivas, K. EMC analysis in PCB designs using an expert system 73852
Naghdy, G., Wang, J., Ogunbona, P. Texture analysis using Gabor wavelets 108524
Naghshineh, M., Acampora, A.S. QoS provisioning in micro-cellular networks supporting multiple classes of traffic 118918
Naghshineh, M., Schwartz, M. Distributed call admission control in mobile/wireless networks 68086
Naghshineh, M., Schwartz, M. Distributed call admission control in mobile/wireless networks 88333
Naghshineh, M. *see* Katzela, I. 78540
Naghski, D. *see* Jenkins, P. 95709
Naghski, D.H., Lindsay, S.M., Poweleit, C.D., De Brabander, G.N., Subramaniam, V., Jackson, H.E., Boyd, J.T. Use of near field scanning optical microscopy (NSOM) to characterize optical channel waveguide structures 95707
Naghski, D.H. *see* Jackson, H.E. 95760
Nagi, M. *see* Nussbaum, G.H. 69995
Nagi, N., Abraham, J.A. Hierarchical fault modeling for linear analog circuits 63895
Nagi, N., Abraham, J.A. Test trade-offs for different dynamic testing techniques for analog and mixed-signal circuits 72253
Nagi, N. *see* Chatterjee, A. 62492
Nagi, N. *see* Chatterjee, A. 95156
Nagib, H.M. *see* Chunchieh Huang 74886
Nagibina, I.M. *see* Gorelik, S.Y. 85763
Nagibina, I.M. *see* Gorelik, S.Ya. 85729
Nagisetty, R., Chenming Hu A novel self-aligned punchthrough implant: A simulation study 94672
Nagl, V. *see* Hallen, A. 62677
Nagle, J. *see* Bois, Ph. 69180
Nagle, J. *see* Fiore, A. 107557
Nagle, J. *see* Liu, H.C. 63040
Nago, Y. *see* Kondo, H. 120938
Nagornaya, L.L., Zelenskaya, O.V., Budakovsky, S.V., Chichikalyuk, Yu.A. A highly efficient alpha, beta, gamma-spectrometer with low background 80051
Nagornaya, L.L., Zelenskaya, O.V., Budakovsky, S.V., Chichikalyuk, Yu.A. A highly efficient alpha, beta, gamma spectrometer with low background 100997
Nagornyi, V.I., Nefedov, Yu.Y., Usenko, P.L. A pulsed monoenergetic soft X-ray source [for detector calibration] 90253
Nagorski, W., McGee, W., Piccioli, E.G., Bair, L.A. Automatic test chip documentation synthesis 119552
Nagoya, A. *see* Suyama, T. 93329
Nagpal, A. *see* Gautam, M. 105722
Nagpal, A. *see* Gupta, S.C. 103854
Nagpal, M., Sachdev, M.S., Kao Ning, Wedephol, L.M. Using a neural network for transformer protection 81517
Nagpal, S., Bhatnagar, P.K. Thermal studies on SbTe system used for optical memories 106773
Naguib, A.F. Power control in wireless CDMA: performance with cell site antenna arrays 78455
Nagumo, S. *see* Imamura, K. 60591
Nagusu, M. *see* Sakano, J. 105930
Nagy, A. *see* Hundhausen, M. 94972
Nagy, E. *see* Abbes, M. 90145
Nagy, F. An adaptive Fourier analysis algorithm 86288
Nagy, G. *see* Jung, D.-M. 97885
Nagy, G. *see* Puspoki, S. 116500
Nagy, G. *see* Rakovics, V. 107272
Nagy, J. *see* Adam, T. 103115
Nagy, J.G., Plemmons, R.J., Torgersen, T.C. Iterative image restoration using approximate inverse preconditioning 77402
Nagy, L. *see* Mojzes, I. 92312
Nagy, P.A.J. A DSP implementation of a method for classification of analogue modulated radio signals 99073
Nagy, S.C. *see* Nuban, M.F. 92777
Nagy, W., Wilhelm, J. System and parametric trade-offs of forward looking automotive radar systems 109752
Nagy-Felsobuki, E.I.von *see* von Nagy-Felsobuki, E.I.
Nagyoung Chang *see* Kyung Cheol Choi 89326
Nahabedian, C.E. Intelligent antenna improves cellular system performance 78549
Nahar, L.K., Bhattacharya, S. Dynamic network management for firmware controlled network topology 109065
Nahar, S. *see* Rabbani, K.S. 110837
Nahata, A., Heinz, T.F., Misewich, J.A. High-speed electrical sampling using optical second-harmonic generation 96048
Nahata, A., Weling, A.S., Heinz, T.F. A wideband coherent terahertz spectroscopy system using optical rectification and electro-optic sampling 116117

Naher, U. *see* Hierold, C. 74934
Nahler, A. *see* Boche, H. 73557
Nahlik, J., Hudec, L. To the possibility of calculation of phase synchronism active range in two-modes laser 65164
Nahm, J.-W., Smith, M.J.T. A SAR image data compression algorithm for clipping service applications 88668
Nahm, K. *see* Lee, S.P. 115481
Nahm, K.S. *see* Seo, Y.H. 103991
Nahm, S. *see* Yoshida, J. 65235
Nahm, W. *see* Gehring, H. 80173
Nahm Sahn *see* Sahn Nahm
Nahman, J.M., Djordjevic, V.B. Resistance to ground of combined grid–multiple rods electrodes 102265
Nahman, J.M., Djordjevic, V.B., Salamon, D.D. Nonuniformity correction factors for maximum mesh-voltages of combined grid-multiple rods electrodes 102266
Nahmias, C. *see* Alirezaie, J. 90435
Nahmias, C. *see* de Kemp, R.A. 70066
Nahmias, C. *see* deKemp, R.A. 80299
Nahmias, C. *see* Jones, W. 101114
Nahmias, C. *see* Yu, S.K. 120350
Nahn, L. *see* Couprie, M.E. 107397
Nahnhauer, R. *see* Baehr, J. 69755
Nahon, L. *see* Hara, T. 76048
Nahory, B.W. *see* Allbritton, G.L. 80079
Nahory, B.W. *see* Allbritton, G.L. 100826
Nahrstedt, K., Smith, J.M. Design, implementation, and experiences of the OMEGA end-point architecture 109206
Nahum, A.E. *see* Mobit, P.N. 80514
Nahum, C., Cantalloube, H. Evaluation of detection rates via data fusion 68574
Nahum, C., Cantalloube, H. 3D localization with multiple 2D data 68590
Nahum, C.E. *see* Cantalloube, H.M.J. 120944
Nahum, E.M. *see* Yates, D.J. 77732
Nai Ping Cheng *see* Cheng Nai Ping
Nai Wo *see* Bertoni, H.L. 68162
Nai Wo *see* Bertoni, H.L. 118857
Nai-Ben Ming *see* Li Sun 75027
Nai-Ben Ming *see* Tao Yu 115410
Nai-Ben Ming *see* Wen-Hui Ma 64073
Nai-Ben Ming *see* Xiang-Fei Chen 96621
Nai-Ben Ming *see* Ya-Lin Lu 107585
Nai-Kui Gao *see* Lin Zhang 61452
Nai-Shuo Cheng *see* Kornreich, P. 85005
Naiben Min *see* Min Naiben
Naichang Yuan *see* Shunlian Chai 116999
Naida, J.D., Eisbruch, A., Schoeppel, S.L., Sandler, H.M., Turrisi, A.T., Lichter, A.S. Analysis of localization errors in the definition of the mantle field using a beam's eye view treatment-planning system 90584
Naidenko, N.N. *see* Makarenko, A.S. 104812
Naidenko, V.I. Characteristics of electrodynamic systems of spatially-developed electronic devices 74072
Naidenov, V.O., Baranova, L.A., Gusinskii, G.M., Matyukov, A.V., Yavor, S.Ya. Ion-optics systems of multiply charged high-energy ions for high emittance beams 79928
Naidoo, N.R. *see* Reader, H.C. 117090
Naidu, B.S. *see* Sesha Reddy, M. 94436
Naidu, B.S.K. Indian scenario of renewable energy for sustainable development 102348
Naidu, H. *see* Yokosuka, H. 119224
Naidu, M.S. *see* Ravi, K.N. 81115
Naidu, M.V. *see* Manju Latha, P. 76593
Naidu, S.R., Filho, H.S.R., Fernandes, A.B. A software package for the simulation of magnetic hysteresis 113748
Naidu, S.R., Souza, B.A. A Newton-Raphson scheme for the analysis of ferroresonant circuits 93096
Naiguan Xu *see* Xu Naiguan
Naihao Song, Yamamoto, A., Shintomi, T., Hirabayashi, H., Yamaoka, H., Terashima, A. Field and structural analysis of 56 mm aperture dipole model magnets for the Large Hadron Collider 89627
Naihong Mao *see* Mao Naihong
Naihu Li *see* Li Naihu
Naiini, A.A. *see* Jeffries, A.T., III 105797
Naik, A.A. *see* Chandra, I. 104843
Naik, A.A. *see* Chandra, I. 104845
Naik, P.G., Desai, C.F., Shah, R.C., Siddiqui, S.S. Preparation and characterization of SnSe-In junction 105482
Naik, R., Mohan, N., Rogers, M., Bulawka, A. Interface for utility-scale supplemental energy sources 91673
Naik, R. *see* Rastogi, M. 91654
Naik, S. *see* Suresh, G. 81472
Naikodi, A.L., Rao, G.S. Efficient operation of AC voltage controller fed induction machine for wave power generation 111832
Nailiang Tian *see* Tian Nailiang
Naim, S.M. *see* Turner, C.W. 117103
Naiman, A.C., Makous, W. Jagged edges and their visibility 89285
Naiman, M. *see* Guo, H.Z. 62584
Nain, P. *see* Altman, E. 103561
Nain, P. *see* Artiges, D. 117963
Nain, P. *see* Zhen Liu 87398
Naining Wang *see* Wang Naining
Naiping Cheng *see* Cheng Naiping
Nair, D., Aggarwal, J.K. A focused target segmentation paradigm 70583
Nair, H. *see* Patnaik, L.M. 111047
Nair, J.P. *see* Jayakrishnan, R. 72860
Nair, K.G. *see* Deepukumar, M. 97341
Nair, K.G. *see* Saji Stephen, D. 116867
Nair, K.G., Sridhar, C.S. *(editors)* Proceedings of APSYM - CUSAT - 94. National Symposium on Antennas and Propagation 112747
Nair, K.R. *see* Larrondo-Petrie, M.M. 109146
Nair, M.B.M. *see* Shah, M.K. 121795
Nair, M.T.S. *see* Garcia, V.M. 114643
Nair, N.G., Spanias, A.S. Gradient eigenspace projections for adaptive filtering 77069
Nair, P., Sivaram, B.M., Raina, J.P. Experimental and theoretical studies of gain of erbium doped fiber amplifiers with pump excited state absorption and signal upconversion losses under co and contradirectional pumping 96136
Nair, P.B. *see* Sinha, N. 81939
Nair, P.K. *see* Garcia, V.M. 114643
Nair, P.K. *see* George, P.J. 74275
Nair, P.K. *see* Suarez, R. 72861
Nair, P.S., Saunders, A.T., Jr. Hough transform based ellipse detection algorithm 77484
Nair, R.S. *see* Teong-San Yeoh 74732
Nair, S.K., Shafiee, H., Jaekyun Moon Equalization and detection in storage channels 106600
Nair, S.K.Srinivasan *see* Srinivasan Nair, S.K.
Nair, V., Tehrani, S., Halchin, D., Glass, E., Fisk, E., Majerus, M. High efficiency power HFETs for low power wireless applications [AlGaAs/InGaAs devices] 83362
Nair, V.N. *see* Hansen, M.H. 115270
Nair, V.S.S. *see* Kapoor, B. 113652
Nairn, D.G. *see* Allbutt, G.J. 104688
Nairn, D.G. *see* Biman, A. 104637
Naishadham, K. Stability considerations in the application of PML absorbing boundary condition to FDTD simulation of microwave circuits 83354
Naishadham, K., Misra, P. Order recursive method of moments: a powerful computational tool for microwave CAD and optimization 93757
Naishadham, K., Xing Ping Lin Geometry rearrangement technique - a new method to minimize reflection from absorbing boundaries in the FDTD analysis of planar transmission line components 73648
Naishadham, K., Xing Ping Lin A study of the optimum compensation of open microstrip discontinuities using the FDTD method with boundary reflection error cancellation 116989
Naishadham, K. *see* Nuteson, T.W. 65934
Naishadham, K. *see* Nuteson, T.W. 93703
Naismith, O.F., Siebert, B.R.L. Manual for SPKTBIB: a PC-based catalogue of neutron spectra 80518
Nait-Zerrad, K. *see* Achouche, M. 88548
Nait-Zerrad, K. *see* Georgescu, B. 106072
Naito, A., Mukunashi, K., Uematsu, H., Ogasa, Y. The mobile equipment for vehicle location management system 99695
Naito, A. *see* Ogawa, T. 99355
Naito, F., Akai, K., Akasaka, N., Ezura, E., Kageyama, T., Shintake, T., Takeuchi, Y., Yamazaki, Y. Input coupler for the KEKB normal conducting cavity 100687
Naito, F. *see* Kageyama, T. 100671
Naito, F. *see* Takeuchi, Y. 100684
Naito, F. *see* Yamazaki, Y. 100469
Naito, H. Modulated photocurrent study of localized-state distributions in copper phthalocyanine thin films 116207
Naito, H., Kanemitsu, Y. Difference in transient transport behavior between amorphous inorganic and organic solids 94387
Naito, H. *see* Imai, M. 95867
Naito, H. *see* Isobe, S. 68343
Naito, H. *see* Yoshida, Y. 91110
Naito, H. *see* Zoroofi, R.A. 70034
Naito, I., Chiba, I., Makino, S., Mano, S. A method of designing feed-array excitation coefficients for array-fed reflector-type reconfigurable beam antennas 117073
Naito, I. *see* Nashiyama, I. 111032
Naito, J., Masuyama, T., Mano, T., Yamamoto, K., Doi, Y., Kondo, H., Nagano, R., Inoue, M., Hori, M. Influence of preload, afterload, and contractility on myocardial ultrasonic tissue characterization with integrated backscatter 69981
Naito, K. *see* Delgado, J. 102090
Naito, K. *see* Ishii, M. 91205
Naito, K. *see* Kato, S. 82050
Naito, K. *see* Mizuno, Y. 111658
Naito, M., Kodama, K., Aizawa, K., Hatori, M. Enhanced image acquisition by using multiple differently focused images 77501
Naito, M., Yamaha, T., Hotta, T. Electromigration characteristics of reflow sputtered AlSiCu metallization 94832
Naito, M. *see* Tezuka, M. 96976
Naito, M. *see* Yamaha, T. 63475
Naito, O. *see* Ninomiya 64569
Naito, S. *see* Nakanishi, Y. 64905
Naito, S. *see* Wajima, K. 115880
Naito, T., Terahara, T., Chikama, T., Suyama, M. Four 5-Gbit/s WDM transmission over 4760-km straight-line using pre- and post-dispersion compensation and FWM cross talk reduction 78810
Naito, T. *see* Kihara, N. 105774
Naito, T. *see* Suyama, M. 88649
Naito, Y. *see* Emori, Y. 116067
Naito, Y. *see* Ikezaki, H. 69331
Naito, Y. *see* Tanaka, K. 74078
Naito, Y. *see* Yokoi, H. 94747
Naitoh, H., Suzuki, K. Compensation of a GTO-NPC inverter for the damping of rolling mill torsional vibration by ETC (estimated torque feedback control) 122098
Naitoh, H. *see* Nakazawa, Y. 81581
Naitoh, H. *see* Tadakuma, S. 71297
Naitoh, M. *see* Nishigaki, S. 114940
Naitoh, T. *see* Takao, M. 118325
Naitong Zhang *see* Zhang Naitong
Naivar, F.J. *see* Szymanski, J.J. 110589
Najafabadi, R.M., Peterson, A.F. Focusing and impedance properties of conformable phased array antennas for microwave hyperthermia 120495
Najafi, B. *see* Oehlberg, R.N. 71047
Najafi, K. Recent progress in micromachining technology and application in implantable biomedical systems 64011
Najafi, K. Microinstrumentation systems for environmental monitoring 110008
Najafi, K. *see* Akin, T. 80189
Najafi, K. *see* Chunchieh Huang 74886
Najafi, K. *see* Selvakumar, A. 74936
Najafi, K. *see* Wise, K.D. 95231
Najafi, K. *see* Ziaie, B. 110926
Najafi, N. *see* Moyne, J.R. 87755
Najafi, S.I., Li, C.-Y., Chisham, J., Andrews, M.P., Coudray, P., Malek-Tabrizi, A., Peyghambarian, N. Ultraviolet light imprinted sol-gel silica glass channel waveguides on silicon 95785
Najafi, S.I. *see* Andrews, M.P. 96776
Najafi, S.I. *see* Chisham, J.E. 95786
Najafi, S.I. *see* Coudray, P. 85041
Najafi, S.I. *see* Coudray, P. 95790
Najafi, S.I. *see* Guerreiro, P.T. 65237
Najafi, S.I. *see* Guerreiro, P.T. 94562
Najafi, S.I. *see* Malek-Tabrizi, A. 99918
Najafi, S.I. *see* Seguin, F. 100357
Najafi, S.I. *see* Touam, T. 95787
Najand, S., Blough, D., Healey, G. Forward and inverse model for the intensity-dependent spread filter 98017
Najda, S.P., Kean, A.H., Dawson, M.D., Bestwick, T., Duggan, G. An all phosphide 625 nm surface emitting resonant cavity LED 107003
Najda, S.P. *see* Kinder, D. 63045
Najdenkoski, K. *see* Stoilkov, V. 76361
Najera, S. *see* Moreno, P. 111554
Naji, O., Zhang, J., Kaneko, T., Jones, T.S., Neave, J.H., Joyce, B.A. A detailed time of flight study of the cracking pattern of trimethylgallium; implications for MOMBE growth 103867
Naji, O. *see* Davidson, B.R. 103947
Najim, M. *see* Dai, M. 98326
Najim, M. *see* Settineri, R. 117432
Najim, M. *see* Xiang Liu 117322
Najim, S.M., Zuncich, J.L., White, T.S., Horton, R.R. Compliance optimization system trial 91331
Najjar, N. *see* Chedid, R. 103798
Najjar, Y.S.H. Relative effect of pressure losses and inefficiencies of turbomachines on the performance of the heat-exchange gas turbine cycle 81325
Najjar, Y.S.H. Some trends and progress in gas turbine technology and research 91357
Najjar, Y.S.H., Hebeebullah, M.B. Repowering a steam power plant by means of fluidised-bed combustion and a two-shaft gas turbine 102484
Najjar, Y.S.H., Zaamout, M.S. Enhancing gas-turbine engine performance by means of the evaporative regenerative cycle 71148
Najm, F.N. *see* Nemani, M. 73187
Najmudin, Z. *see* Amiranoff, F. 79838
Najmudin, Z. *see* Clayton, C.E. 90239
Najmudin, Z. *see* Modena, A. 79768
Nak Hyun Kim An area-based stereo matching algorithm using multiple directional masks 77241
Nak Woong Eum, Han Jin Cho, In Hag Park, Chong Min Kyung A new routing architecture for symmetrical FPGA and its routing algorithm 93290
Naka, A., Matsuda, T., Saito, S. Optical RZ signal straight-line transmission experiments with dispersion compensation over 5520 km at 20 Gbit/s and 2160 km at 2×20 Gbit/s 99563
Naka, H. *see* Hayeiwa, K. 109343
Naka, H. *see* Kayeiwa, K. 99736
Naka, K. *see* Shimomura, M. 62723
Naka, M., Miyazaki, T., Iwata, Y. A hierarchical fuzzy clustering algorithm using pyramid linking data and land-cover classification experiments 111329
Naka, M. *see* Kaneko, T. 104132
Naka, N., Adachi, S., Saigusa, M., Ohya, T. Improved error resilience in mobile audio-visual communications 68280
Nakaade, M. *see* Yazawa, T. 102053
Nakaaki, I., Saito, N. Electrical, optical and structural properties of a-SiNGe:H films prepared by the r.f. glow-discharged decomposition 113499
Nakabaru, M. *see* Ishii, Y. 102376
Nakabayashi, T. *see* Fukuhara, S. 121201
Nakabayashi, Y. *see* Ogura, T. 113949
Nakabo, Y. *see* Ishii, I. 86767
Nakabori, T. *see* Suzuki, T. 71502

Nakachi, K., Yamashita, K., Hamada, N. A two-dimensional adaptive joint-process estimator using new lattice form 117778
Nakachi, T., Yamashita, K., Hamada, N. 2-D adaptive autoregressive modeling using new lattice structure 114054
Nakacho, Y. *see* Ning Liu 102942
Nakada, A., Oka, M.M., Tamai, Y., Shibata, T., Ohmi, T. Influence of substrate-boron concentration on the residual end-of-range defects in 450°C annealed As^+-implanted junctions 94626
Nakada, A. *see* Aharoni, H. 114689
Nakada, K., Arai, H. Beam tilted coupled loop antennas 108036
Nakada, K., Yokota, T., Yokoyama, S., Asakawa, A., Taniguchi, H., Hashimoto, A. Energy duty of surge arresters on power distribution lines due to direct lightning hits–effect of installation position of surge arresters 121235
Nakada, M. *see* Fujikata, J.-I. 115629
Nakada, M. *see* Hashimoto, M. 115700
Nakada, M. *see* Ogawa, M. 106888
Nakada, S., Ouchida, H., Fukushima, M., Murata, K., Kamata, I., Maruyama, R. Development of automatic meter reading system to bulk customer 102306
Nakada, T. *see* Matsuzawa, H. 80347
Nakada, T. *see* Shiraishi, M. 94112
Nakade, M. *see* Balachandran, U. 91234
Nakade, M. *see* Fujioka, T. 64510
Nakade, M. *see* Morimoto, H. 95604
Nakade, M. *see* Tasaki, K. 102263
Nakade, M. *see* Yamamoto, K. 91233
Nakae, A. *see* Kamon, K. 84266
Nakagawa, A., Funaki, H., Omura, I. High voltage SOI technology 61641
Nakagawa, A. *see* Funaki, H. 105936
Nakagawa, A. *see* Yasuhara, N. 105996
Nakagawa, E. *see* Demus, D. 85133
Nakagawa, E. *see* Mizoguchi, T. 78744
Nakagawa, E. *see* Saito, H. 119809
Nakagawa, G., Miura, K., Sasaki, S., Yano, M. Lens-coupled laser diode module integrated on silicon platform 78930
Nakagawa, G., Miura, K., Tanaka, K., Yano, M. Lens-coupled laser-diode module integrated on silicon platform 72292
Nakagawa, G. *see* Sasaki, S. 95686
Nakagawa, H., Maeda, M., Tanaka, S., Karita, M., Narihisa, M. HD motor and its applications 91444
Nakagawa, H., Tsujikura, Y., Azuma, S. Future technical evolution of protection relays, control equipment, and information systems for electric power systems 101828
Nakagawa, H. *see* Joosse, K. 75337
Nakagawa, H. *see* Kakino, Y. 81933
Nakagawa, H. *see* Kurosawa, I. 94984
Nakagawa, H. *see* Ohno, K. 89409
Nakagawa, H. *see* Saito, T. 109410
Nakagawa, H. *see* Shinohara, K. 80860
Nakagawa, J. *see* Miyashita, M. 96051
Nakagawa, J. *see* Shimizu, K. 68518
Nakagawa, K. The twisted Markov chain of importance sampling simulation 113101
Nakagawa, K., Kawano, K. Change in optical path length of saturable absorbing dye-doped polymer films under laser irradiation 96671
Nakagawa, K., Nishihara, M. Improvement of image through CCD camera by iteration method 67442
Nakagawa, K., Zgonik, M., Gunter, P., Minemoto, T. Effects of reflection gratings on reflectivity in self-pumped phase conjugator with a ring cavity 85726
Nakagawa, K. *see* Aida, K. 78900
Nakagawa, K. *see* Alay, J.L. 94607
Nakagawa, K. *see* Ishida, S. 94998
Nakagawa, K. *see* Morisaki, H. 90280
Nakagawa, K. *see* Ninomiya 64569
Nakagawa, K. *see* Ohkawa, M. 73346
Nakagawa, K. *see* Ono, H. 96155
Nakagawa, K. *see* Takeda, T. 85656
Nakagawa, K. *see* Takubo, Y. 99806
Nakagawa, M. Spread spectrum vehicle-to-vehicle communication 99309
Nakagawa, M. *see* Agatsuma, K. 95429
Nakagawa, M. *see* Akabane, K. 99127
Nakagawa, M. *see* Akabane, K. 118934
Nakagawa, M. *see* Ashiya, T. 60523
Nakagawa, M. *see* Esmailzadeh, R. 98412
Nakagawa, M. *see* Hisamatsu, H. 100405
Nakagawa, M. *see* Huang, W. 117169
Nakagawa, M. *see* Inomata, M. 116142
Nakagawa, M. *see* Inui, S. 118793
Nakagawa, M. *see* Kim, Y.-A. 118938
Nakagawa, M. *see* Kobayashi, M. 89372
Nakagawa, M. *see* Matsumoto, K. 83036
Nakagawa, M. *see* Nakano, K. 117668
Nakagawa, M. *see* Peng, J. 118943
Nakagawa, M. *see* Sakakura, S. 68266
Nakagawa, M. *see* Sanada, Y. 99399
Nakagawa, M. *see* Sanada, Y. 118761
Nakagawa, M. *see* Sanada, Y. 119013
Nakagawa, M. *see* Takahashi, H. 99395
Nakagawa, M. *see* Takahashi, H. 118932
Nakagawa, M. *see* Takeuchi, M. 78425
Nakagawa, N., Sakurai, H., Kondo, K., Kato, K. Study on the extension of reaction zone from Ni/YSZ interface by using fixed film electrodes 81824
Nakagawa, N. *see* Hirayama, H. 109928
Nakagawa, N. *see* Kinjo, H. 79186
Nakagawa, N. *see* Ouchida, H. 89332
Nakagawa, O., Takagi, M. Image data representation based on Delaunay triangulation and color correction 108426
Nakagawa, O. *see* Tomita, Y. 72279
Nakagawa, O.S., Rahmat, K., Oh, S.-Y., Ray, G., Kumar, R. Impact of low-k ILD and Cu on circuit performance 63442
Nakagawa, O.S. *see* Rahmat, K. 63421
Nakagawa, S., Ozasa, H., Misawa, H. Development of micro-wiring on the outer wall of a catheter 64019
Nakagawa, S., Tanaka, S., Naoe, M. Relationship between Ta content and soft magnetism of Co-Zr-Ta films for backlayers in perpendicular magnetic recording media 106527
Nakagawa, S. *see* Ichihara, T. 75256
Nakagawa, S. *see* Ichihara, T. 115550
Nakagawa, S. *see* Kikuchi, M. 106704
Nakagawa, S. *see* Kikuchi, M. 106704
Nakagawa, S. *see* Matsumura, T. 73407
Nakagawa, S. *see* Matsumura, T. 104574
Nakagawa, S. *see* Matsushita, N. 115675
Nakagawa, S. *see* Miyamoto, Y. 75210
Nakagawa, S. *see* Miyamoto, Y. 115638
Nakagawa, S. *see* Miyamoto, Y. 115645
Nakagawa, S. *see* Morimoto, H. 111853
Nakagawa, S. *see* Naoe, M. 64377
Nakagawa, S. *see* Ninomiya 64569
Nakagawa, S. *see* Noma, K. 115588
Nakagawa, S. *see* Reyes, A.A. 97611
Nakagawa, S. *see* Yamada, N. 75997
Nakagawa, S. *see* Yu, S.C. 106525
Nakagawa, T. Applications of layered manufacturing 72264
Nakagawa, T., Miyazawa, Y., Hemmi, M., Chiba, T., Inabe, N., Kase, M., Kageyama, T., Kamigaito, O., Goto, A., Yano, Y. Improvement of RIKEN 18 GHz electron cyclotron resonance ion source using aluminum tube 100786
Nakagawa, T., Nakata, S. Fast calculation of beam trajectory in the deflection yoke 94205
Nakagawa, T., Nakata, S., Nishimura, K. A study on computer program for design of deflection yoke 83769
Nakagawa, T., Tago, T., Kondo, K., Hamada, N. Trajectory estimation and detection of moving objects in the transform/spatio-temporal mixed domain 86871
Nakagawa, T. *see* Hasegawa, K. 78271
Nakagawa, T. *see* Hayashida, H. 91107
Nakagawa, T. *see* Kenjo, T. 71678
Nakagawa, T. *see* Nakata, S. 94202
Nakagawa, T. *see* Nishimura, K. 100243
Nakagawa, T. *see* Otsuka, K. 103487
Nakagawa, T. *see* Sugaya, T. 92781
Nakagawa, T. *see* Sugiyama, Y. 110120
Nakagawa, T. *see* Wirner, C. 105860
Nakagawa, T. *see* Yamada, K. 122018
Nakagawa, T. *see* Yasui, K. 98466
Nakagawa, T. *see* Zhenlin Liu 116446
Nakagawa, Y., Hirota, E., Pedrycz, W. The concept of fuzzy multimedia intelligent communication system (FuMICS) 118603
Nakagawa, Y., Hirota, K., Pedrycz, W. A fuzzy knowledge base for dynamic image understanding 77476
Nakagawa, Y., Kato, H. Magnetic hysteresis and demagnetizing-field correction for rare earth magnet materials 64468
Nakagawa, Y. *see* Ihara, T. 84742
Nakagawa, Y. *see* Imamura, T. 70562
Nakagawa, Y. *see* Muraji, H. 89369
Nakagawa, Y. *see* Nogami, H. 74558
Nakagawa, Y. *see* Nogami, H. 94767
Nakagawa, Y. *see* Takahashi, M. 117075
Nakagawa, Y. *see* Yaji, T. 104169
Nakagawara, O., Toyota, Y., Kobayashi, M., Yoshino, Y., Katayama, Y., Tabata, H., Kawai, T. Electrical properties of $(Zr,Sn)TiO_4$ dielectric thin film prepared by pulsed laser deposition 84674
Nakagiri, N., Yamamoto, T., Sugimura, H., Suzuki, Y. Imaging mechanism and effects of adsorbed water in contact-type scanning capacitance microscopy 63112
Nakagiri, N. *see* Sugimura, H. 84262
Nakagiri, N. *see* Sugimura, H. 84272
Nakagiri, N. *see* Yamamoto, T. 84033
Nakagiri, T. *see* Yano, K. 62656
Nakagome, H. *see* Koyanagi, K. 95535
Nakagome, H. *see* Yamamoto, K. 91233
Nakagomi, S., Shimizu, S., Yamamoto, T. Photodetection and light emission of GaAs negative-resistance switching device 85272
Nakagoshi, N. *see* Katoh, T. 118330
Nakahama, S. *see* Senjyu, T. 71368
Nakahara, H., Takahashi, H. An algorithm for the solution of a linear system by Δ-Y transformations 92598
Nakahara, H. *see* Ichimiya, A. 113393
Nakahara, H. *see* Tajima, M. 110292
Nakahara, J. *see* Ohno, H. 62801
Nakahara, K., Chaki, S., Andoh, N., Matsuoka, E., Tanino, N., Mitsui, Y., Otsubo, M. A multi phase-states MMIC phase shifter 73794
Nakahara, K., Kondow, K., Kitatani, T., Yazawa, Y., Uomi, K. Continuous-wave operation of long-wavelength GaInNAs/GaAs quantum well laser 96401
Nakahara, K., Takeuchi, S. IPv6 "Internet Protocol version 6" 118085
Nakahara, K., Uomi, K., Haga, T., Taniwatari, T., Oishi, A. Reduced turn-on delay time in 1.3-μm InGaAsP-InP n-type modulation-doped strained multiquantum-well lasers with a buried heterostructure 107312
Nakahara, K., Uomi, K., Tsuchiya, T., Niwa, A. Dependence of threshold current density, carrier lifetime and optical gain coefficient on donor concentration in 1.3 μm n-type modulation-doped strained multiquantum well lasers 76019
Nakahara, M. *see* Takizawa, T. 63318
Nakahara, N. Fault detection and diagnosis system for the air-conditioning 91965
Nakahara, S., Moriyama, S., Kuroda, T., Sasaki, M., Yamazaki, S., Yamada, O. Efficient use of frequencies in terrestrial ISDB system 108916
Nakahara, T. *see* Matsuo, S. 85332
Nakahata, A., Kadoya, K., Kawase, Y., Yamaguchi, T. 3-D finite element analysis of electromagnets with permanent magnet taking into account magnetizing process 96999
Nakahata, H., Higaki, K., Fujii, S., Hachigo, A., Kitabayashi, H., Tanabe, K., Seki, Y., Shikata, S. SAW devices on diamond 106448
Nakahata, M. *see* Kasuga, S. 80014
Nakahata, T. *see* Inanaga, K. 105695
Nakahira, H. *see* Fukuda, M. 104771
Nakahira, M. *see* Oka, K. 102400
Nakahira, T., Samejima, T., Kawakita, K., Maruyama, A., Saitou, M. SF101A optical intensity modulator with built-in driver 116118
Nakahira, Y. *see* Fukuda, T. 78324
Nakahira, Y. *see* Kasukawa, A. 85515
Nakahira, Y. *see* Kasukawa, A. 85518
Nakahori, S. *see* Chikano, Y. 71672
Nakai, H. Non-parameterized Bayes decision method for moving object detection 87090
Nakai, H., Kuwahara, H., Shinohara, J., Kawaratani, T., Sassa, T., Ikegami, Y. Preparation of Al_2O_3 films by a new CVD process combining plasma and accelerated ion beams 92860
Nakai, I. *see* Ouchi, I. 106524
Nakai, J., Kikuchi, A., Nakatani, K., Hirasaka, M., Shimatsu, T., Takahashi, M. Microstructure and intergranular coupling in CoCrTa thin-film media fabricated using an ultraclean sputtering process 106528
Nakai, J. *see* Kikuchi, A. 64450
Nakai, J. *see* Kikuchi, A. 106529
Nakai, J. *see* Sato, H. 115478
Nakai, K., Yamamoto, G. A realization of universal biquadratic filters using current conveyors 83209
Nakai, K., Yamamoto, G., Nakamura, T. A configuration of state variable biquad filters using current conveyors 73528
Nakai, M. Videoconferencing 98818
Nakai, R. *see* Yabuhara, Y. 92676
Nakai, S. *see* Asakawa, M. 96555
Nakai, S. *see* Chen, J. 96531
Nakai, S. *see* Fujita, M. 96451
Nakai, S. *see* Jitsuno, T. 85562
Nakai, S. *see* Kiriyama, H. 96696
Nakai, S. *see* Miyamoto, A. 95633
Nakai, S. *see* Miyamoto, S. 69601
Nakai, S. *see* Miyanaga, N. 85564
Nakai, S. *see* Mori, Y. 85615
Nakai, S. *see* Ohigashi, N. 110518
Nakai, S. *see* Srinivasan, N. 85706
Nakai, S. *see* Srinivasan, N. 116663
Nakai, S. *see* Yoon, G.Y. 85556
Nakai, S. *see* Yoshida, H. 65124
Nakai, T. Search model for a randomly arriving and disappearing target 103674
Nakai, T. Dynamical and game theoretical approaches to an optimal patrol problem 103675
Nakai, T. *see* Kasezawa, T. 67364
Nakai, T. *see* Shibata, T. 62113
Nakai, T. *see* Shibata, T. 73611
Nakai, T. *see* Takahama, T. 81884
Nakai, Y., Akiyama, M., Ikeda, M., Suzuki, K. Pixel-defect-tolerant design based on visibility for TFT-LCDs 69421
Nakai, Y., Akiyama, M., Ikeda, M., Suzuki, K. Pixel defect tolerant design for complete repair of TFT-LCD 89269
Nakai, Y. *see* Shinohara, N. 85979
Nakaike, S. *see* Shams-Kolahi, W. 94417
Nakaizumi, Y. *see* Mizuno, F. 63210
Nakaji, K., Akita, S., Kitamura, A., Yagiura, T., Nakamura, N., Ohnishi, M. Field exposure study of slate-type amorphous PV modules 71694
Nakajima, A., Murakami, M., Takaichi, H., Sudoh, N. Artificial satellite attitude motion simulator supported by superconducting magnetic bearing 90681
Nakajima, A., Nozaka, K., Kido, Y., Kodama, T. Electric appliances for electric vehicles 71822
Nakajima, A., Sugita, Y., Kawamura, K., Tomita, H., Yokoyama, N. Microstructure and optical absorption properties of Si nanocrystals fabricated with low-pressure chemical-vapor deposition 113489
Nakajima, A. *see* Ando, F. 109260
Nakajima, A. *see* Hirata, S. 68272

Nakajima, A. *see* Kamozaki, K. 67977
Nakajima, A. *see* Miyakawa, M. 91453
Nakajima, A. *see* Nakamura, H. 68300
Nakajima, A. *see* Sasaki, A. 99331
Nakajima, C., Yazawa, T. A recognition method of facility drawings and street maps utilizing the facility management database 70882
Nakajima, H., Charil, J., Slempkes, S., Gloukhian, A., Pierre, B., Landreau, J., Raffle, Y. Very high-speed wavelength switching capability Franz-Keldysh electroabsorption DFB lasers 88560
Nakajima, H. *see* Delorme, F. 109313
Nakajima, H. *see* Higashi, S. 80877
Nakajima, H. *see* Kajihara, M. 72306
Nakajima, H. *see* Kawada, T. 119816
Nakajima, H. *see* Koizumi, N. 95512
Nakajima, H. *see* Matsui, K. 102175
Nakajima, H. *see* Ogata, H. 95521
Nakajima, H. *see* Okamoto, K. 118691
Nakajima, H. *see* Shimamoto, S. 95590
Nakajima, H. *see* Sprengel, W. 113515
Nakajima, H. *see* Sugimoto, M. 95523
Nakajima, J. *see* Kiuchi, H. 93493
Nakajima, J. *see* Kiuchi, H. 101524
Nakajima, J. *see* Kurihara, N. 101523
Nakajima, K. Challenge to a tabletop high-energy laser wake-field accelerator 69660
Nakajima, K., Kando, M., Kawakubo, T., Nakanishi, T., Ogata, A. A table-top X-ray FEL based on the laser wakefield accelerator-undulator system 107391
Nakajima, K., Miyazaki, T. In-situ observations of magneto-optical spectra for Co/Cu (001) ultrathin films 64193
Nakajima, K., Miyazaki, T. Thickness dependence of magneto-optical properties in face-centered-cubic Co/Cu(001) ultrathin films 64231
Nakajima, K., Mokunaka, K., Iki, Y., Yanagita, K. DEtect Unlicenced RAdio Stations (DEURAS) system 68741
Nakajima, K., Muramatsu, H., Chiba, N., Ataka, T., Fujihira, M. Optical processing by scanning near-field optical/atomic force microscopy 86362
Nakajima, K., Tamura, T., Miike, H. Monitoring of heart and respiratory rates by photoplethysmography using a digital filtering technique 90401
Nakajima, K. *see* Abiko, H. 84594
Nakajima, K. *see* Higuchi, K. 72311
Nakajima, K. *see* Kozawa, T. 89681
Nakajima, K. *see* Kurisu, M. 78297
Nakajima, K. *see* Kwok, P. 89918
Nakajima, K. *see* Miyajima, Y. 88632
Nakajima, K. *see* Mizugaki, Y. 83055
Nakajima, K. *see* Ogata, A. 79850
Nakajima, K. *see* Ohashi, M. 64697
Nakajima, K. *see* Ohuchi, K. 78076
Nakajima, K. *see* Onomi, T. 115916
Nakajima, K. *see* Shamsuddin, A.K.M. 110742
Nakajima, K. *see* Suda, M. 74946
Nakajima, K. *see* Won, H. 73610
Nakajima, M. Color printing characteristic analysis on newspapers using ISO color output target 108428
Nakajima, M., Kameyama, M. Design of highly parallel linear digital circuits based on symbol-level redundancy 73317
Nakajima, M., Nishioka, T. Color management evaluation using ITE Hivision test image 108427
Nakajima, M., Nishioka, T. Hivision printing test images and its application 109907
Nakajima, M., Tanabe, H. A design technique for raising upper frequency limit of wide-band 180° hybrids 83340
Nakajima, M. *see* Kawamura, H. 77116
Nakajima, M. *see* Nakajima, T.Y. 111186
Nakajima, M. *see* Ogawa, K. 68841
Nakajima, M. *see* Ohashi, G. 101317
Nakajima, M. *see* Rhee, E.J. 87135
Nakajima, M. *see* Tokaji, K. 113520
Nakajima, M. *see* Tsunashima, N. 86865
Nakajima, M. *see* Winning, P.R. 66071
Nakajima, M. *see* Yamada, K. 100764
Nakajima, M. *see* Yokoyama, T. 92715
Nakajima, M. *see* Yu Liu 108482
Nakajima, N., Saito, H., Miyagawa, S., Shimada, A., Tsuboya, T., Gomi, T., Noguchi, N., Matsuda, I. Operator training simulator for LNG receiving terminal 72111
Nakajima, N., Saleh, B.E.A. Reconstruction of a vibrating object from its time-averaged image intensities by the use of exponential filtering 98191
Nakajima, N. *see* Kiriyama, T. 74882
Nakajima, N. *see* Koide, T. 75177
Nakajima, N. *see* Serizawa, M. 118572
Nakajima, S. Performance of trellis coded modulation in SCPC satellite communication channels 119100
Nakajima, S., Hama, H., Hosokawa, S. Recovery of the motions of rigid bodies using multi-stage extension of Hough transform 108571
Nakajima, S. *see* Hashimoto, C. 95185
Nakajima, S. *see* Mori, Y. 85615
Nakajima, S. *see* Ninomiya 64569
Nakajima, S. *see* Tobe, T. 88841
Nakajima, S. *see* Yap, Y.K. 107609
Nakajima, S. *see* Yong Jin Chun 103848
Nakajima, T., Oda, M., Tamaki, M., Ohkubo, K., Yoshii, K., Fujine, S. Fast neutron computed tomography with TV imaging at YAYOI 104238
Nakajima, T., Suzuki, K.-I., Yajima, M., Kawakami, N., Tanomura, K.-I., Irokawa, S. A new control method preventing transformer DC magnetization for voltage source self-commutated converters 91661
Nakajima, T., Yoshizawa, M. Construction of novel magnets for generating astatic fields in X-ray topography 64575
Nakajima, T. *see* Hara, H. 100880
Nakajima, T. *see* Hokimoto, A. 87709
Nakajima, T. *see* Ikeda, Y. 89566
Nakajima, T. *see* Kikuta, K. 63417
Nakajima, T. *see* Kimoto, T. 94692
Nakajima, T. *see* Morita, Y. 84192
Nakajima, T. *see* Nakajima, T.Y. 111186
Nakajima, T. *see* Shinzawa, T. 105740
Nakajima, T. *see* Takamatsu, H. 80041
Nakajima, T. *see* Takamatsu, H. 100907
Nakajima, T.Y., Nakajima, T., Nakajima, M. Channel design of the ADEOS-II/GLI (Global Imager) 111186
Nakajima, Y. *see* Asai, S. 73911
Nakajima, Y. *see* Kawahara, K. 85120
Nakajima, Y. *see* Maekawa, T. 89265
Nakajima, Y. *see* Murakami, Y. 106004
Nakajima, Y. *see* Sato, T. 85793
Nakakawaji, T. *see* Kusunoki, K. 77727
Nakakawaji, T. *see* Kusunoki, K. 98728
Nakakita, H. *see* Tanaka, H. 68888
Nakakita, H. *see* Unekawa, Y. 78296
Nakakoshi, K. *see* Fukui, T. 61297
Nakakuki, K., Kuribayashi, S. Protocol and network control technology for packet in PHS 68274
Nakakuki, K. *see* Uno, Y. 82242
Nakama, T., Miyagi, H., Nagado, T., Yamashita, K. On-line transient stability estimation of power systems using Lyapunov function 70688
Nakamatsu, Y. *see* Nagasaka, A. 98893
Nakamine, T. *see* Noguchi, Y. 83338
Nakamitsu, T., Shino, H., Kotani, T., Yana, K., Harada, K., Sudoh, J., Harasawa, E., Itoh, H. Detection and classification of systolic murmur using a neural network 70085
Nakamori, A. *see* Koizumi, H. 71197
Nakamori, M. *see* Hontsu, S. 84908
Nakamori, N. *see* Arimura, H. 80216
Nakamori, S. Estimation of signal using covariance information given uncertain observations in continuous-time systems 77048
Nakamori, S. Design of recursive Wiener smoother given covariance information 86178
Nakamori, S. Estimation of multivariate signal by output autocovariance data in linear discrete-time systems 86212
Nakamori, Y. *see* Kitabata, T. 102386
Nakamoto, E., Qing-Ming Chen, Tekeuchi, H., Brauer, J.R. Electromagnetic and structural coupled finite element analysis of active control in an anti-vibration device 107824
Nakamoto, E. *see* Brauer, J.R. 104796
Nakamoto, H. *see* Kikushima, K. 68489
Nakamoto, H. *see* Kikushima, K. 98909
Nakamoto, K., Kawato, Y., Suzuki, Y., Hamakawa, Y., Kawabe, T., Fujimoto, K., Fuyama, M., Sugita, Y. Design and read performance of GMR heads with NiO 115706
Nakamoto, K. *see* Hanawa, S. 95571
Nakamoto, K. *see* Satow, T. 95514
Nakamoto, K. *see* Sumiyoshi, F. 95561
Nakamoto, M., Ichimura, K., Ono, T., Nakamura, Y. Transfer mold field emitter arrays by intrinsic sharpening 74013
Nakamoto, M., Sakai, K., Katoh, S., Arai, M., Ihara, H., Sunayama, K., Koyama, M., Machara, K., Miyawaki, K., Ohsawa, M., Araki, Y., Okude, T. Automatic welding system for installation of high tension steel penstocks in inclined tunnel 102516
Nakamoto, M. *see* Shimizu, K. 102478
Nakamoto, T., Ide, J., Moriizumi, T. Sensing film characterization for QCM array in an odor sensing system 69360
Nakamoto, T., Toyoda, T., Matsushita, K., Tsuchiya, M., Toda, H., Hisamatsu, K. Recent technology of size-reduction and large interrupting performance in development of gas circuit breakers 81593
Nakamoto, T., Yamaguchi, K., Abraha, P.A., Mishima, K. Manufacturing of three-dimensional micro-parts by UV laser induced polymerization 72972
Nakamoto, T. *see* Asari, Y. 89197
Nakamoto, T. *see* Ide, J. 119610
Nakamoto, T. *see* Ishida, H. 79589
Nakamoto, T. *see* Ishida, H. 119768
Nakamoto, T. *see* Yamaguchi, K. 64014
Nakamoto, Y. *see* Shimizu, T. 73431
Nakamura, A. "Continuous" functions on fuzzy digital pictures 67036
Nakamura, A., Mitsui, K., Goto, T. Development of dual servo STM 100330
Nakamura, A., Seiyama, N., Imai, A., Takagi, T., Miyasaka, E. A new approach to compensate degeneration of speech intelligibility for elderly listeners–development of a portable real time speech rate conversion system 110942
Nakamura, A., Shimura, T., Kuroda, K. Stabilization of the externally pumped phase conjugator by the adaptive control of mean phases of incident beams 85693
Nakamura, A. *see* Akagawa, K. 75884
Nakamura, A. *see* Inaba, N. 64454
Nakamura, A. *see* Kondo, Y. 76123
Nakamura, A. *see* Kondo, Y. 76235
Nakamura, A. *see* Mwansa, D. 67492
Nakamura, A. *see* Shimizu, H. 119832
Nakamura, A. *see* Shiraishi, M. 94112
Nakamura, A. *see* Tokizaki, T. 62910
Nakamura, A. *see* Wang, Y. 67493
Nakamura, D.I. *see* Agan, M.J. 109584
Nakamura, D.W. *see* Stassinopoulos, E.G. 70327
Nakamura, E., Hama, H., Yamazaki, J., Kinoshita, T., Matsudo, O., Yonehara, H., Kasuga, T., Isoyama, G., Watanabe, M. Construction and commissioning of a superconducting wiggler for the UVSOR storage ring 89632
Nakamura, F. *see* Fujita, H. 121515
Nakamura, F. *see* Kikuchi, Y. 106640
Nakamura, H., Enomoto, Y., Ishikawa, T. Wheelchair with electric power-assist function 90612
Nakamura, H., Fujisaka, A., Ogoshi, H. Gain and noise characteristics of erbium-doped fiber amplifier pumped at 1530 nm 75845
Nakamura, H., Fushimi, K. Characterization of TiN-TiSi$_2$ bilayer formed by sputter deposition from a TiN$_{0.4}$ alloy target and subsequent lamp annealing and its application to a contact system 63107
Nakamura, H., Horiuchi, T. A self-aligned counter-doped well process utilizing channeling ion implantation 74539
Nakamura, H., Matsumoto, H., Hasegawa, H., Nakanishi, K., Inoue, K., Sakai, M., Ohshima, S. Static excitation test results of the partial rotor model for 70 MW class superconducting generator with quick response excitation 102602
Nakamura, H., Miyamoto, J.-I., Imamiya, K.-I., Iwata, Y., Sugiura, Y., Oodaira, H. A novel sensing scheme with on-chip page copy for flexible voltage NAND flash memories 93368
Nakamura, H., Murashima, S. Data compression based on concatenations of neighboring characters which emerge repeatedly 97769
Nakamura, H., Oda, T. Optimal bandwidth reservation for circuit groups handling asymmetric multi-connection calls 87301
Nakamura, H., Onuki, M., Nakajima, A. Using ATM to carry very low bit-rate mobile voice signals 68300
Nakamura, H., Tago, M., Bonkohara, M., Dohya, A., Morisaki, I., Katou, Y. An approach to the low cost flip-chip technology development with punched-out solder disks by micro-press punching method 62510
Nakamura, H., Yamazato, T., Katayama, M., Ogawa, A. Coordinate interleaved trellis coded QPSK with T-algorithm on Rayleigh fading channel 117140
Nakamura, H., Yokoyama, H., Oda, T. A mechanism for state-dependent resource request determination in telecommunication networks 77831
Nakamura, H. *see* Chen, J. 64550
Nakamura, H. *see* Choi, G.-H. 91582
Nakamura, H. *see* Inoue, K. 111762
Nakamura, H. *see* Kawamura, M. 99799
Nakamura, H. *see* Kikuchi, M. 80434
Nakamura, H. *see* Kobayashi, M. 89372
Nakamura, H. *see* Li Jianping 120192
Nakamura, H. *see* Mori, T. 95389
Nakamura, H. *see* Nakamura, K. 105503
Nakamura, H. *see* Saito, K. 64195
Nakamura, H. *see* Shimizu, K. 70033
Nakamura, H. *see* Shishikura, M. 116223
Nakamura, H. *see* Sudo, T. 98646
Nakamura, H. *see* Takeuchi, K. 61902
Nakamura, H. *see* Takeuchi, K. 93384
Nakamura, H. *see* Uchiyama, Y. 68242
Nakamura, H. *see* Ueguchi, T. 66791
Nakamura, H. *see* Yoshio, M. 71620
Nakamura, J., Konogi, H., Osaka, T. Surfactant-induced bond strengthening in as-grown film surfaces 61165
Nakamura, J. *see* Honishi, T. 87814
Nakamura, J. *see* Matsumura, T. 83418
Nakamura, J. *see* Panicacci, R. 100123
Nakamura, J. *see* Yamamoto, S. 92812
Nakamura, K., Aono, Y., Tadokoro, Y. A walking navigation system for the blind 110953
Nakamura, K., Ichimura, S., Shimizu, H. Oxygen adsorption on hydrogen-preadsorbed Si(111)7x7 observed by second harmonic generation (SHG) 105699
Nakamura, K., Kozu, T., Uratsuka, S. Interference of sea surface echo and rain echo observed by a real aperture airborne imaging radar 90790
Nakamura, K., Kumasaka, K. Lame-mode piezoelectric resonators using LiNbO$_3$ crystals 84729
Nakamura, K., Kumasaka, K. Lame-mode piezoelectric resonators and transformers using LiNbO$_3$ crystals 106401
Nakamura, K., Kurosawa, Y., Ishikawa, K. Tunable optical filters using a LiNbO$_3$ torsional actuator with a Fabry-Perot etalon 64800
Nakamura, K., Maruyama, N., Ueha, S. A new ultrasonic motor using electro-rheological fluid and torsional vibration 95301
Nakamura, K., Minato, T., Takahashi, T., Nakamura, H., Harada, M. Evaluation of thick silicon dioxides grown on trench MOS gate structures 105503

Nakamura, K., Mitani, Y., Tsuji, K. [illegible] identification of a second order generator [illegible] for reduced-order power system models [illegible]
Nakamura, K., Shiomi, M., Takahashi, K., Tsubota, M. Failure modes of valve-regulated lead/acid batteries 112570
Nakamura, K., Yamasaki, [illegible], [illegible], R., Matsui, H. The new M16C/60 series 16 bit microcomputers 73405
Nakamura, K., Yamazato, T., Katayama, M., Ogawa, A. Coordinate-by-coordinate interleaved trellis coded QPSK with T-algorithm on Rayleigh fading channels 97451
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see Kubota, S. 73551
Nakamura, K. see Kumagai, H. 90788
Nakamura, K. see Kurokawa, M. 77536
Nakamura, K. see Mangeisdorf, C. 79182
Nakamura, K. see Matsumoto, H. 93466
Nakamura, K. see Morikawa, R. 64536
Nakamura, K. see Morikawa, R. 88966
Nakamura, K. see Murayama, A. 104570
Nakamura, K. see Nomura, A. 93765
Nakamura, K. see Noro, A. 102779
Nakamura, K. see Sakamoto, T. 65614
Nakamura, K. see Sato, M. 97947
Nakamura, K. see Shimoda, C. 70915
Nakamura, K. see Shimoda, M. 109934
Nakamura, K. see Shinozaki, K. [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see [illegible]
Nakamura, K. see Yoshida, H. [illegible]
Nakamura, K.-I. see Morita, Y. 114774
Nakamura, K.G. see Kameoka, I. 114981
Nakamura, M. Trend of the Internet 98759
Nakamura, M., Imai, Y., Yamanaka, S., Umeda, Y. Over-30-GHz limiting amplifier ICs with small phase deviation for optical communication systems 66454
Nakamura, M., Kakuda, Y., Kikuno, T. An integration-oriented approach for designing communication protocols from component-based service specifications [illegible]
Nakamura, M., Koga, T., Takahashi, K., Suzuki, K. Low-temperature oxidation of pulverized coal 102549
Nakamura, M., Kutami, H., Shiohara, Y. Fabrication of NdBa$_2$Cu$_3$O$_{7-x}$ single crystals by the top-seeded solution-growth method in 1%, 21%, and 100% oxygen partial pressure atmosphere 72742
Nakamura, M., Okine, M., Uehara, K., Shigehiro, T. A synthesis of LC simulation-type double tuned circuit adjustable by a single parameter 63041
Nakamura, M., Sawada, K. Scalable video coding schemes based on DCT and MC prediction [illegible]
Nakamura, M., Sugimoto, I., Kuwano, H. Application of plasma-polymer-film-coated sensors to gas identification using linear filters 114764
Nakamura, M., Takahashi, T., Akiba, T., Kitsukawa, G., Morino, M., Sekiguchi, T., Asano, I., Komatsuzaki, K., Tadaki, Y., Songsu Cho, Kajigaya, K., Tachibana, T., Sato, K. A 29-ns 64-Mb DRAM with hierarchical array architecture 104545
Nakamura, M. see [illegible], P. 80121
Nakamura, M. see [illegible], T. 84389
Nakamura, M. see Hashimoto, K. 84199
Nakamura, M. see Hashimoto, K. 105636
Nakamura, M. see Inoue, Y. 69828
Nakamura, M. see Kanno, T. 69275
Nakamura, M. see Kashiwaba, Y. 94565
Nakamura, M. see Kimura, H. 85539
Nakamura, M. see Kitayama, K. 104637
Nakamura, M. see [illegible], H. 63453
Nakamura, M. see Kusumoto, H. 67988
Nakamura, M. see Kusumoto, H. 67988
Nakamura, M. see Matsui, N. 112026
Nakamura, M. see Mochida, T. 81253
Nakamura, M. see [illegible]
Nakamura, M. see Sasaki, S. 114224
Nakamura, M. see Sumiyoshi, H. [illegible]
Nakamura, M. see Suzuki, N. [illegible]
Nakamura, M. see Suzuki, N. [illegible]
Nakamura, M. see Uchida, N. [illegible]
Nakamura, M. see [illegible]
Nakamura, M. see [illegible]
Nakamura, N., Haga, K., Honda, T., Kasuga, T., Katoh, M., Kobayashi, Y., Tadano, M., [illegible], M. Beam position feedback [illegible] storage ring 100620
Nakamura, N. *see* Nakai, K. 71694
Nakamura, N. *see* Sato, H. 84901
Nakamura, N. *see* Tanaka, N. 69283
Nakamura, N. *see* Yamamoto, M. 75070
Nakamura, N. *see* Yamamoto, T. 98895
Nakamura, O. *see* Hirata, K. 69374
Nakamura, O. *see* Hirata, K. 70853
Nakamura, O. *see* Hirata, K. 70857
Nakamura, O. *see* Kawata, Y. 116627
Nakamura, O. *see* Kuroka, H. 70856
Nakamura, O. *see* Kuroka, H. 70980
Nakamura, O. *see* Oku, K. 121123
Nakamura, O. *see* Sawada, K. 69197
Nakamura, O. *see* Sawada, K. 70949
Nakamura, O. *see* Shinozaki, K. 68355
Nakamura, O. *see* Shinozaki, K. 70854
Nakamura, O. *see* Shinozaki, K. 70855
Nakamura, O. *see* Susaki, Y. 71379
Nakamura, O. *see* Susaki, Y. 121548
Nakamura, O. *see* Watanabe, M. 70859
Nakamura, R., [illegible], H., [illegible], K. [illegible] system recovery in communication switching system platform software 77870
Nakamura, R. *see* Murata, T. 66792
Nakamura, R. *see* Ohsaki, Y. 90791
Nakamura, R. *see* Takahashi, M. 93374
Nakamura, S. A study of errors caused by impulsive noise and a simple estimation method for digital mobile communications 68110
Nakamura, S. III-V nitride-based light-emitting diodes 85530
Nakamura, S. High-brightness blue/green LEDs and first III-V nitride based laser diodes 96032
Nakamura, S. Monitoring of the sea surface thermal patterns in a marginal sea affected by an ocean 11[illegible]
Nakamura, S. InGaN-based blue/green LEDs and laser diodes 114790
Nakamura, S. Fabrication of blue and green nitride light-emitting diodes 116262
Nakamura, S. III-V nitride-based blue laser diodes with quantum well structures 116567
Nakamura, S., Inoue, K., Saito, K., Ohkawa, T., Sawa, G., Kitagawa, K. Resistive and dielectric properties of carbon black (MA600)-polyethylene composites [illegible]
Nakamura, S., Minemura, H., Yamaguchi, T., Shimizu, H., Watanabe, T., Mizuno, T. Distributed RAID style video server 109232
Nakamura, S., Miyazawa, M. ISDN router concentrator for the Internet access 115355
Nakamura, S., Senoh, M., Nagahama, S., Iwasa, N., Yamada, I., Matsushita, T., Kiyoku, H., Sugimoto, Y. Characteristics of InGaN multi-quantum-well-structure laser diodes 75914
Nakamura, S., Senoh, M., Nagahama, S., Iwasa, N., Yamada, T., Matsushita, T., Sugimoto, Y., Kiyoku, H. Ridge-geometry InGaN multi-quantum-well-structure laser diodes 107293
Nakamura, S., Senoh, M., Nagahama, S., Iwasa, N., Yamada, T., Matsushita, T., Sugimoto, Y., Kiyoku, H. Optical gain and carrier lifetime of InGaN multi-quantum well structure laser diodes 107296
Nakamura, S., Uchino, E., Yamakawa, T. C^1 class smooth fuzzy interpolation 121002
Nakamura, S. *see* Carlos, W.E. 75745
Nakamura, S. *see* Higashi, S. 80878
Nakamura, S. *see* Kamiguchi, Y. 84812
Nakamura, S. *see* Kawakami, Y. 105131
Nakamura, S. *see* Kito, M. 65368
Nakamura, S. *see* Kito, M. 107313
Nakamura, S. *see* Kurata, K. 78800
Nakamura, S. *see* Man-ei, K. 94164
Nakamura, S. *see* Matsumura, H. 93470
Nakamura, S. *see* Momose, H.S. 84437
Nakamura, S. *see* Nakanishi, T. 114597
Nakamura, S. *see* Sato, H. 105229
Nakamura, S. *see* Sasaki, H. 94954
Nakamura, S. *see* Sekimoto, M. 103124
Nakamura, S. *see* Seo, K. 95439
Nakamura, S. *see* Takagi, Y. 92713
Nakamura, S. *see* Umoto, I. 97610
Nakamura, S. *see* [illegible]
Nakamura, S. *see* Yamada, Y. 83822
Nakamura, S.N. *see* Kuwata, M. 90205
Nakamura, S.N. *see* Kuwata, M. 100925
Nakamura, T. Strategy for development of PABX in a mixed wireless and cable environment 109251
Nakamura, T., Inoue, K. Servo actuators, technical trends and Shinko products 91698
Nakamura, T., Kaihara, S., Yoshida, K., Sato, A., Omizawa, K., Nishiyama, Y., Fukaya, K., Suzuki, M. Development of reconstitution method for surveillance specimens using surface activated joining 72269
Nakamura, T., Khamesee, M.B. A mechanism for three dimensional levitated movement of a small magnet 65874
Nakamura, T., Masuda, A., Morimoto, A., Shimizu, T. Influence of buffer layers on lead magnesium niobate titanate thin films prepared by pulsed laser ablation 113465
Nakamura, T., Matsumoto, I., Nomoto, T. A CMD image sensor: an approach to high-resolution imaging 69284
Nakamura, T., Okano, Y. Electromagnetic properties of Mn-Zn ferrite sintered ceramics 64334
Nakamura, T., Sadamura, H. Surface modification of γ-Fe$_2$O$_3$ particles with cobalt containing spinel 84803
Nakamura, T., Shimizu, W., Tsubone, K. High speed 0.5 µm BiCMOS process 74860
Nakamura, T., Tokuda, L., Iiyama, M. Electric field effect of SrTiO$_3$/YBa$_2$Cu$_3$O$_{7-x}$ multilayers grown by all-MBE 84899
Nakamura, T. *see* Ando, D. 115465
Nakamura, T. *see* Arai, T. 113293
Nakamura, T. *see* Baba, M. 90114
Nakamura, T. *see* Chang, Y. 62207
Nakamura, T. *see* Chang, Y. 114228
Nakamura, T. *see* Furusawa, H. 98131
Nakamura, T. *see* Guo, S. 90557
Nakamura, T. *see* Hagihara, Y. 104518
Nakamura, T. *see* Hamao, F. 103129
Nakamura, T. *see* Hattori, T. 110288
Nakamura, T. *see* Hobbs, A. 94842
Nakamura, T. *see* Homma, T. 64460
Nakamura, T. *see* Horita, S. 82011
Nakamura, T. *see* Ishida, M. 84081
Nakamura, T. *see* Ito, S. 92738
Nakamura, T. *see* Kamagami, S. 89391
Nakamura, T. *see* Katane, T. 115842
Nakamura, T. *see* Kiss, T. 113424
Nakamura, T. *see* Kiyota, Y. 63263
Nakamura, T. *see* Komoto, E. 78260
Nakamura, T. *see* Kondo, M. 63628
Nakamura, T. *see* Kondo, M. 74702
Nakamura, T. *see* Kuwabara, H. 74398
Nakamura, T. *see* Manabe, Y. 101949
Nakamura, T. *see* Mashimo, K. 100331
Nakamura, T. *see* Matsuda, Y. 81665
Nakamura, T. *see* Matsumoto, Y. 84635
Nakamura, T. *see* Murakami, Y. 66010
Nakamura, T. *see* Nakai, K. 73528
Nakamura, T. *see* Nakanishi, Y. 64905
Nakamura, T. *see* Nakanishi, Y. 64953
Nakamura, T. *see* Nakanishi, Y. 104031
Nakamura, T. *see* Nonaka, S. 67431
Nakamura, T. *see* Obana, M. 101945
Nakamura, T. *see* Parhami, B. 61855
Nakamura, T. *see* Shiba, T. 106244
Nakamura, T. *see* Shuxiang Guo 70189
Nakamura, T. *see* Someya, M. 69281
Nakamura, T. *see* Takada, M. 68963
Nakamura, T. *see* Takao, H. 110100
Nakamura, T. *see* Tanimoto, T. 62283
Nakamura, T. *see* Teramoto, A. 73336
Nakamura, T. *see* Tomiyama, S. 94995
Nakamura, T. *see* Tsutsumi, H. 67421
Nakamura, T. *see* Yamamoto, Y. 70119
Nakamura, T.T. *see* Kurokawa, S.-I. 89928
Nakamura, Y. Characteristics of whistler wave-normal distributions at the exit of low-latitude duct 65855
Nakamura, Y. Tele-education services on high-speed computer networks 67800
Nakamura, Y. Tele-education services on high-speed computer networks 78197
Nakamura, Y., Matsuura, T., Satoh, K., Ohta, Y. Occlusion detectable stereo–occlusion patterns in camera matrix 86403
Nakamura, Y., Obata, A., Ishibe, K., Matsumoto, H., Hamada, H. 2-622 Mbit/s PDH/SDH analyzer MP1550A/B 119559
Nakamura, Y., Tagawa, I., Shimizu, Y. Ultra-high bit density magnetic recording–estimation based on three dimensional simulation 84836
Nakamura, Y., Tanaka, I., Takeuchi, N., Koshiba, S., Noge, H., Sakaki, H. Surface smoothness and step bunching on GaAs(111)B facets formed by molecular beam epitaxy 94326
Nakamura, Y., Wang, Z. Important factors included in nondestructive readout of GMR MRAM 84847
Nakamura, Y. *see* Eguchi, M. 98169
Nakamura, Y. *see* Hikasa, K. 112895
Nakamura, Y. *see* Ichikawa, S. 116996
Nakamura, Y. *see* Imura, H. 77382
Nakamura, Y. *see* Jiang, N. 115668
Nakamura, Y. *see* Kawahara, K. 86983
Nakamura, Y. *see* Kono, J. 105391
Nakamura, Y. *see* Matsui, K. 77499
Nakamura, Y. *see* Miwa, H. 73345
Nakamura, Y. *see* Mizutani, Y. 81780
Nakamura, Y. *see* Mukaigawa, Y. 87131
Nakamura, Y. *see* Muraoka, H. 115731
Nakamura, Y. *see* Muraoka, H. 115803
Nakamura, Y. *see* Nakamoto, M. 74013
Nakamura, Y. *see* Nakao, T. 62030
Nakamura, Y. *see* Nakao, T. 86653
Nakamura, Y. *see* Nakase, H. 104957
Nakamura, Y. *see* Ohishi, K. 91552
Nakamura, Y. *see* Sang-Jin Jung 79599
Nakamura, Y. *see* Sano, Y. 106522
Nakamura, Y. *see* Shimoi, N. 78995
Nakamura, Y. *see* Tagawa, I. 106547
Nakamura, Y. *see* Takano, K. 64437
Nakamura, Y. *see* Tamura, T. 83007
Nakamura, Y. *see* Uehigashi, K.-I. 73451
Nakamura, Y. *see* Wang, Z. 84846
Nakamura, Y. *see* Wang, Z. 84848
Nakamura, Y. *see* Wang, Z. 106495
Nakamura, Y. *see* Wang, Z. 106608
Nakamura, Y. *see* Yamamura, T. 81826
Nakamura, Y. *see* Zhi Gang Wang 115866
Nakane, H. *see* Ashihara, K. 73925
Nakane, H. *see* Endo, M. 73954
Nakane, H. *see* Endo, M. 73967

Nakane, H. *see* Endo, M. 105008
Nakane, H. *see* Satoh, H. 73945
Nakane, H. *see* Yamazaki, S. 69431
Nakane, H. *see* Yamazaki, S. 104250
Nakanish, T. *see* Suzuki, S. 68256
Nakanishi, E., Yoshioka, J. Portable telephone for TDMA cellular systems 99351
Nakanishi, H., Takechi, K., Furuya, K., Tawa, Y. A new type cathode containing Y_2O_3 for CRTs 83717
Nakanishi, H., Tasaka, S., Ishibashi, Y. Performance evaluation of an acknowledgment scheme in the PRMA wireless network for integrated voice and data transmission 118034
Nakanishi, H., Yamatani, T., Masuda, T., Shibataoi, T., Tanaka, N., Ohtsuki, K., Hamada, H. Single panel LC-projection system without a mosaic color filter 110295
Nakanishi, H. *see* Chichibu, S. 113297
Nakanishi, H. *see* Kasai, H. 85634
Nakanishi, H. *see* Kawanami, H. 76247
Nakanishi, H. *see* Koitabashi, M. 83722
Nakanishi, H. *see* Komatsu, K. 72838
Nakanishi, H. *see* Kozawa, T. 89681
Nakanishi, H. *see* Kuhara, Y. 119196
Nakanishi, H. *see* Kwok, P. 89918
Nakanishi, H. *see* Lee, S.Y. 83774
Nakanishi, H. *see* Liu, J. 100500
Nakanishi, H. *see* Masaki, A. 76157
Nakanishi, H. *see* Munaka, T. 99964
Nakanishi, H. *see* Niki, S. 92685
Nakanishi, H. *see* Shimada, S. 76227
Nakanishi, H. *see* Xuan-Ming Duan 85592
Nakanishi, H. *see* Yamada, A. 64914
Nakanishi, I., Itoh, Y., Fukui, Y. Performance analysis and improvement of the NACF algorithm 117462
Nakanishi, I., Yoshio, I., Fukui, Y. A new adaptive damped convergence factor algorithm with a bias term 117431
Nakanishi, K., Numano, Y., Nakano, M., Matsukawa, F., Masumi, T., Namizaki, H., Ishitani, H., Shikama, S. Late-news paper a 45-in. high-brightness rear projector using a 350 K-pixel PDLC panel 89435
Nakanishi, K. *see* Hama, H. 95296
Nakanishi, K. *see* Imagawa, S. 95515
Nakanishi, K. *see* Kometani, H. 81449
Nakanishi, K. *see* Nakamura, H. 102602
Nakanishi, K. *see* Okumura, Y. 109237
Nakanishi, M., Kinoshita, J., Sakuraba, T. Evaluation of a quantum Hall effect system of small size for use as resistance standard 119522
Nakanishi, M., Sakamoto, Y. Analysis of first-order feedback loop with lock-in amplifier 95501
Nakanishi, M. *see* Ogura, T. 113949
Nakanishi, M. *see* Ohmura, T. 68857
Nakanishi, N. *see* Saeki, T. 73369
Nakanishi, T. The new generation of polarized electron source 110527
Nakanishi, T., Aoyagi, H., Nakamura, S., Okumi, S., Suzuki, C., Takahashi, C., Tanimoto, Y., Tawada, M., Togawa, K., Tsubata, M., Kurihara, Y., Omori, T., Takeuchi, Y., Yoshioka, M., Kato, T., Saka, T., Baba, T., Mizuta, M. Recent progress on cathode development from Nagoya and KEK 114507
Nakanishi, T., Nagami, A., Okumura, N. Estimating RIE damage by the H_{FE} characteristics of bipolar transistors 105906
Nakanishi, T., Ohkubo, S., Tamura, Y. Oxidation in ozone 94793
Nakanishi, T., Takumi, I., Hata, M., Yamada, K. An infinite impulse response adaptive digital filter for line-canceller and its pole-control algorithm 73558
Nakanishi, T., Yarai, A. Quantitative evaluation of vertical cracks by the photothermal beam deflection method 92980
Nakanishi, T. *see* Awaji, N. 84131
Nakanishi, T. *see* Katsuta, G. 102208
Nakanishi, T. *see* Kondo, H. 89483
Nakanishi, T. *see* Nakajima, K. 107391
Nakanishi, T. *see* Sugino, R. 114826
Nakanishi, T. *see* Suzuki, S. 118944
Nakanishi, T. *see* Yarai, A. 119677
Nakanishi, Y., Kominami, H., Hatanaka, Y. Low voltage cathodoluminescence of $Zn_{1-x}Cd_xS$:Ag,Cl phosphors 95967
Nakanishi, Y., Mori, S., Nakamura, T., Tatsuoka, H., Kuwabara, H., Hatanaka, Y. Effect of insulating layer structural properties for thin-film electroluminescent devices 64953
Nakanishi, Y., Naito, S., Nakamura, T., Hatanaka, Y., Shimaoka, G. The influence of residual O_2 gas in vacuum on the structural and luminescent properties of ZnF_2:Mn thin films 64905
Nakanishi, Y., Shiba, F., Sowa, K., Tatsuoka, H., Kuwabara, H., Nakamura, T., Hatanaka, Y. Preparation of blue-emitting $SrGa_2Se_4$:Ce thin films by multi-source deposition 104031
Nakanishi, Y. *see* Aoki, T. 61172
Nakanishi, Y. *see* Aoki, T. 72814
Nakanishi, Y. *see* Aoki, T. 92851
Nakanishi, Y. *see* Fukuyama, Y. 70780
Nakanishi, Y. *see* Fukuyama, Y. 81026
Nakanishi, Y. *see* Fukuyama, Y. 120973
Nakanishi, Y. *see* Fukuyama, Y. 121116
Nakanishi, Y. *see* Hatanaka, Y. 104030
Nakanishi, Y. *see* Hatanaka, Y. 113479
Nakanishi, Y. *see* Jayatissa, A.H. 63212
Nakanishi, Y. *see* Jayatissa, A.H. 72944
Nakanishi, Y. *see* Jayatissa, A.H. 83802
Nakanishi, Y. *see* Jayatissa, A.H. 92854
Nakanishi, Y. *see* Kuwabara, H. 74398
Nakanishi, Y. *see* Muramatsu, K. 104056
Nakanishi, Y. *see* Nomura, M. 101709
Nakanishi, Y. *see* Tani, T. 91642
Nakanishi, Y. *see* Tani, T. 112057
Nakanishi, Y. *see* Wickramanayaka, S. 74290
Nakanishi, Y. *see* Wickramanayaka, S. 92853
Nakanishi, Y. *see* Wickramanayaka, S. 114658
Nakanisi, F. *see* Masaki, A. 76157
Nakaniwa, H. *see* Tani, J. 92972
Nakano, E., Umeda, N., Ohno, K. Performance of diversity handover in DS-CDMA cellular systems 68067
Nakano, E. *see* Inoue, Y. 69828
Nakano, H., Satou, Y., Nabae, A. Improvement effect of input current waveform of novel boost type two main switching elements sinusoidal rectifier 91624
Nakano, H., Tajima, S., Yamauchi, J. Honeycomb wire antenna 117082
Nakano, H. *see* Hayakawa, Y. 92666
Nakano, H. *see* Hirata, K. 69374
Nakano, H. *see* Kimiyama, H. 68852
Nakano, H. *see* Maruyama, M. 109233
Nakano, H. *see* Matsuzaki, S.-I. 103149
Nakano, H. *see* Miyashita, M. 78702
Nakano, H. *see* Tsukada, M. 119188
Nakano, H. *see* Yamauchi, J. 95715
Nakano, H. *see* Yamauchi, J. 106835
Nakano, H. *see* Yamauchi, J. 116976
Nakano, I. *see* Hara, K. 80005
Nakano, K., Karasawa, N., Sengoku, M., Shinoda, S., Abe, T. Characteristics of dynamic channel assignment cellular systems with reuse partitioning 99298
Nakano, K., Kasahara, H. Parallel processing for fast vector quantization with sorted codebook 108146
Nakano, K., Nakagawa, M. A hierarchical IFS image coding with the Gaussian pyramid 117668
Nakano, K., Olariu, S. An efficient algorithm for row minima computations in monotone matrices 98351
Nakano, K., Sengoku, M., Shinoda, S., Abe, T. Clique packing in cellular mobile communication systems 68189
Nakano, K., Yoshida, H., Okuma, S., Hane, K., Eguchi, T. Fringe scanning microscopic imaging of a small vibration using stroboscopic Fizeau interferometer 119888
Nakano, K. *see* Dettmer, R. 93804
Nakano, K. *see* Jenkins, T. 74704
Nakano, K. *see* Kawasima, H. 91573
Nakano, K. *see* Maeda, K. 105801
Nakano, K. *see* Ohfuji, T. 105790
Nakano, K. *see* Uchida, M. 101837
Nakano, K. *see* Ushida, K. 69819
Nakano, M. Electromagnetic radiations from lightning and location of radiation sources 65902
Nakano, M. *see* Koga, T. 91805
Nakano, M. *see* Matsuoka, T. 106197
Nakano, M. *see* Nakanishi, K. 89435
Nakano, M. *see* Nakata, T. 96882
Nakano, M. *see* Takahashi, N. 95335
Nakano, M. *see* Takahashi, N. 102179
Nakano, N., Ando, T., Mizuno, T. Application of EPA method for analysing Markov chain model to the theoretical study of creating bandwidth management scheme on Ethernet LAN 78037
Nakano, N., Ando, T., Sato, F., Mizuno, T. Studies for realizing soft TCCS residing on top of Ethernet LAN 87744
Nakano, N. *see* Kusunoki, K. 77727
Nakano, S. *see* Cho, H. 104216
Nakano, S. *see* Hishikawa, Y. 103018
Nakano, S. *see* Ibaraki, H. 98945
Nakano, T., Utama, A., Shiomi, A., Itabashi, M. VLSI implementation and evaluation of a real-time operating system 73274
Nakano, T. *see* Annis, P. 80121
Nakano, T. *see* Kawamura, T. 79163
Nakano, T. *see* Matsubara, I. 102197
Nakano, T. *see* Sako, T. 110597
Nakano, T. *see* Tanaka, H. 121155
Nakano, Y., Ozaki, T., Sameshima, K., Tanaka, H., Tsuji, K., Hirai, T., Takiguchi, Y., Yamazaki, J., Tanioka, K. A study on a photoconductive layer and pixel electrodes for an avalanche-type solid state imager overlaid with a photoconductive layer 119739
Nakano, Y. *see* Dai, Y. 67463
Nakano, Y. *see* Kato, M. 64809
Nakano, Y. *see* Okamoto, Y. 118387
Nakano, Y. *see* Sakurai, Y. 98997
Nakano, Y. *see* Sudoh, T.K. 116553
Nakano, Y. *see* Sudoh, T.K. 116554
Nakano, Y. *see* Takatori, M. 68507
Nakano, Y. *see* Terashima, M. 81947
Nakano, Y. *see* Xiao Mang Zhang 70099
Nakano, Y. *see* Yamamoto, T. 78320
Nakano, Y. *see* Ying Dai 67458
Nakano, Y. *see* Ying Dai 87258
Nakano-Miyatake, M. *see* Nino-de-Rivera, L. 93639
Nakano-Miyatake, M. *see* Perez-Meana, H. 76908
Nakanobou, M. *see* Inouye, T. 110906
Nakanose, M. *see* Zhang, Y. 92830
Nakao, C. *see* Mizusaki, J. 81794
Nakao, H., Moriizumi, K. A figure-fracturing algorithm for generating high-quality electron-beam exposure data 105750
Nakao, H. *see* Yokoyama, N. 63824
Nakao, K. *see* Mukasa, T. 78152
Nakao, M., Sugiyama, S., Hatamura, Y., Hamaguchi, T., Watanabe, K. A micro-remote centered compliance suspension for contact recording head 75246
Nakao, M. *see* Date, H. 61762
Nakao, M. *see* Inoue, S. 70121
Nakao, M. *see* Kamimura, K. 104167
Nakao, M. *see* Kamimura, K. 105720
Nakao, M. *see* Karashima, A. 61930
Nakao, M. *see* Morigami, M. 94866
Nakao, M. *see* Okamoto, H. 75919
Nakao, M. *see* Tanaka, S. 106269
Nakao, N. *see* Asakawa, M. 96555
Nakao, N. *see* Fujita, M. 96451
Nakao, S., Saitoh, K., Ikeyama, M., Niwa, H., Tanemura, S., Miyagawa, Y., Miyagawa, S. Microstructure of germanium films crystallized by high energy ion irradiation 114591
Nakao, S. *see* Shimizu-Iwayama, T. 94265
Nakao, S. *see* Shimizu-Iwayama, T. 94663
Nakao, T., Eguchi, M., Fuwa, Y., Nakamura, Y. High-speed realization of bandpass filtering using differential equations and its application to modulation/demodulation systems 62030
Nakao, T., Nakamura, Y. A stabilizing technology of air-cushion sensors for pile detection 86653
Nakao, T. *see* Baba, M. 90114
Nakao, T. *see* Unekawa, Y. 78296
Nakao, Y. *see* Aska Juste, K. 64058
Nakao, Z., Chen, Y.-W., El Alem, F., Ali, F. GA-based reconstruction of plane binary images 98342
Nakao, Z., Yen-Wei Chen, El Alem Fadlallah Ali, F. Evolutionary reconstruction of plane images from projections 108455
Nakao, Z., Yen-Wei Chen, Takashibu, M., Kina, Y. Evolutionary reconstruction of color images from projections 108454
Nakao, Z. *see* Chen, Y.-W. 77360
Nakao, Z. *see* Yen-Wei Chen 67187
Nakao, Z. *see* Yen-Wei Chen 86861
Nakao, Z. *see* Yen-Wei Chen 108624
Nakao, Z. *see* Yen-Wei Chen 108625
Nakaoka, M. *see* Fukuda, H. 120404
Nakaoka, M. *see* Hamada, S. 121573
Nakaoka, M. *see* Hirachi, K. 121565
Nakaoka, M. *see* Inoue, K. 91817
Nakaoka, M. *see* Inoue, K. 121993
Nakaoka, M. *see* Izaki, K. 91966
Nakaoka, M. *see* Michihira, M. 121628
Nakaoka, M. *see* Michihira, M. 121752
Nakaoka, M. *see* Morita, S. 122085
Nakaoka, M. *see* Ogiwara, H. 112610
Nakaoka, M. *see* Okamura, Y. 91794
Nakaoka, M. *see* Takano, H. 120282
Nakaoka, M. *see* Takano, H. 121747
Nakaoka, M. *see* Uchihori, Y. 91943
Nakaoka, M. *see* Yonemori, H. 121582
Nakaoka, T. *see* Uehara, H. 81359
Nakaoka, Y. *see* Fujita, M. 73376
Nakaoka, Y. *see* Saeki, T. 73369
Nakasako, N., Ohta, M. A digital filter for stochastic signal restoration from noisy and quantized level observations 76896
Nakasato, N. *see* Mino, K. 101148
Nakase, H., Sugamima, K., Nakamura, Y. Strength and microstructure of tin-silver/copper interface 104957
Nakase, J. *see* Fujii, Y. 109295
Nakase, M. *see* Kihara, N. 105774
Nakase, Y. *see* Makino, H. 61811
Nakase, Y. *see* Makino, H. 61826
Nakase, Y. *see* Makino, H. 61852
Nakase, Y. *see* Makino, H. 93279
Nakase, Y. *see* Morinaka, H. 61825
Nakase, Y. *see* Suzuki, H. 93258
Nakasendou, K. *see* Kambayashi, T. 95769
Nakashima, H. *see* Hasegawa, H. 78410
Nakashima, H. *see* Samejima, S. 109227
Nakashima, H. *see* Shigetomi, S. 114673
Nakashima, H. *see* Tachibana, K. 81769
Nakashima, H. *see* Uemura, A. 92714
Nakashima, K., Yakabe, H., Obuchi, Y., Inoue, K. High speed, high accuracy Hough transform using simultaneous recurrence formula 108690
Nakashima, K. *see* Ishikawa, T. 99807
Nakashima, K. *see* Kikuchi, M. 106704
Nakashima, K. *see* Ninomiya 64569
Nakashima, K. *see* Takagi, N. 73309
Nakashima, M. *see* Matsumoto, T. 100210
Nakashima, M. *see* Rao, D.V.G.L.N. 75646
Nakashima, M. *see* Rao, D.V.G.L.N. 85679
Nakashima, M. *see* Yoshikawa, H. 96799
Nakashima, S., Harima, H. Characterization of structural and electrical properties in SiC by Raman spectroscopy 105223
Nakashima, S. *see* Muramatsu, K. 104056
Nakashima, S. *see* Tonouchi, M. 75336
Nakashima, S., Matsunami, H., Yoshida, S., Harima, H. *(editors)* Silicon Carbide and Related Materials 1995. Proceedings of the Sixth International Conference 103286
Nakashima, T. *see* Harada, K. 121545
Nakashima, T. *see* Mizutani, M. 81976

Nakashizuka, M., Kikuchi, H., Shin, J., Makino, H., Ishii, I. ECG compression by multiscale peak analysis 110827
Nakashizuka, M. *see* Sato, E. 110878
Nakasu, E. *see* Nishida, Y. 68879
Nakasu, E. *see* Nishida, Y. 119435
Nakasu, E. *see* Shishikui, Y. 67198
Nakasuga, Y., Hashimoto, T., Yamada, Y., Terui, H., Yanagisawa, M., Moriwaki, K., Akahori, Y., Tohmori, Y., Kato, K., Sekine, S., Horiguchi, M. Multi-chip hybrid integration on PLC platform using passive alignment technique 116284
Nakasuga, Y. *see* Horikawa, K. 76645
Nakasuji, K., Okada, M. New high strength titanium alloy Ti-10%Zr for spectacle frames 113528
Nakata, H., Satoh, K., Ohyama, T., Fujiwara, Y., Nonogaki, Y., Takeda, Y. Interfacial layer in homoepitaxial InP grown by organometallic vapor phase epitaxy with TMIn and TBP 61200
Nakata, H. *see* Kodama, H. 111842
Nakata, J. Reply to "Comment on 'Evidence of enhanced epitaxial crystallization at low temperature by inelastic electronic scattering of mega-electron-volt heavy-ion-beam irradiation' " [J. Appl. Phys. 80, 4235 (1996)] 113383
Nakata, K. *see* Oshita, E. 96437
Nakata, M., Wagner, S. The surface reaction in the high-rate growth of a-Si:H,Cl from SiH$_2$Cl+SiH$_4$ 92884
Nakata, M. *see* Funakubo, K. 79316
Nakata, M. *see* Nagata, Y. 80455
Nakata, S., Nakagawa, T., Nishimura, K., Takahashi, C. Improvement of beam spot size of CRT by external magnetic field 94202
Nakata, S. *see* Nakagawa, T. 83769
Nakata, S. *see* Nakagawa, T. 94205
Nakata, S. *see* Nishimura, K. 100243
Nakata, T., Sato, M., Ninomiya, T., Hasegawa, T. A study on low NO$_x$ combustion in LBG-fueled 1500°C-class gas turbine 111810
Nakata, T., Takahashi, N., Fujiwara, K., Nakano, M. Analysis of flux and eddy current distributions in wound cores and experiments 96882
Nakata, T. *see* Ahagon, A. 65623
Nakata, T. *see* Basak, A. 112569
Nakata, T. *see* Filho, A.F.F. 102757
Nakata, T. *see* Fujiwara, K. 65695
Nakata, T. *see* Inoue, H. 95377
Nakata, T. *see* Inoue, N. 105590
Nakata, T. *see* Janicke, L. 95336
Nakata, T. *see* Kimoto, T. 74522
Nakata, T. *see* Kimoto, T. 94692
Nakata, T. *see* Misawa, K. 71556
Nakata, T. *see* Muramatsu, K. 71241
Nakata, T. *see* Muramatsu, K. 75281
Nakata, T. *see* Takahashi, N. 64186
Nakata, T. *see* Takahashi, N. 65603
Nakata, T. *see* Takahashi, N. 95335
Nakata, T. *see* Uchida, A. 78796
Nakata, Y. *see* Okada, T. 107554
Nakata, Y. *see* Shoji, H. 96278
Nakata, Y. *see* Shoji, H. 116493
Nakata, Y. *see* Yoshida, K. 80884
Nakatake, M. *see* Namatame, H. 79426
Nakatani, H. *see* Kakimoto, F. 69777
Nakatani, H. *see* Minamitani, Y. 116330
Nakatani, H. *see* Takahashi, K. 86986
Nakatani, I. Ultramicro fabrications on Fe-Ni alloy films using electron-beam writing and reactive-ion etching 64270
Nakatani, I. Ultramicro fabrications on Fe-Ni alloys using electron-beam writing and reactive-ion etching 115548
Nakatani, I. *see* Sakai, T. 83863
Nakatani, K., Atassi, Y., Delaire, J.A. SHG of organic photochromes in polymer matrix: photo-assisted poling and photo-switching 85644
Nakatani, K. *see* Delaire, J.A. 116643
Nakatani, K. *see* Nakai, J. 106528
Nakatani, T. *see* Namoto, Y. 109015
Nakato, Y. *see* Kobayashi, H. 94605
Nakato, Y. *see* Kobayashi, H. 95091
Nakato, Y. *see* Kobayashi, H. 114841
Nakato, Y. *see* Yamashita, Y. 63169
Nakatsu, T. *see* Onuki, T. 103136
Nakatsugawa, M. *see* Hayashi, H. 93907
Nakatsuka, H. *see* Tomohisa, S. 113423
Nakatsuka, K. Evaluations of errors arising on angle measuring microwave antennas 69460
Nakatsuka, K. Output control of the line type pulse modulator by a duration of "on" state of an additional switch tube 113813
Nakatsuka, M. *see* Jitsuno, T. 85562
Nakatsuka, M. *see* Miyanaga, N. 85564
Nakatsuka, M. *see* Yoon, G.Y. 85556
Nakatsuka, T. *see* Itoh, J. 88198
Nakatsuru, Y., Asari, K., Sasagawa, H. Development of a self-propelled underground power cable conduit inspection system 70909
Nakatuka, T. *see* Takahashi, T. 64114
Nakauchi, E., Downs, J. Potential interference problems between wireless products and personal computers 98663
Nakaya, K. *see* Ichikawa, Y. 109945
Nakaya, T., Katoh, Y., Kubota, T., Takeda, M. Diffraction efficiency of a grating coupler for an array illuminator 95717
Nakaya, Y. *see* Doi, T. 70054
Nakayama, A. Evaluation of mechanical characteristics for a new vacuum pressure impregnation insulation system 64105
Nakayama, C. *see* Ando, M. 79598
Nakayama, F. *see* Hata, K. 73973
Nakayama, H., Sugihara, O., Okamoto, N. Stability of second-order nonlinearity from corona-poled silica films doped with azo dye with simple sol-gel processing 85652
Nakayama, H., Takeguchi, T., Nishino, T. Growth dynamics and an order-disorder transition in epitaxial alloy semiconductors 113345
Nakayama, H. *see* Alexandrof, V.A. 100628
Nakayama, H. *see* Kamatani, H. 114498
Nakayama, H. *see* Kita, T. 62857
Nakayama, H. *see* Kita, T. 62897
Nakayama, H. *see* Ozawa, M. 85601
Nakayama, H. *see* Terunuma, N. 100716
Nakayama, I. *see* Ishizawa, Y. 79175
Nakayama, I. *see* Mizuno, B. 105550
Nakayama, J. *see* Lan Gao 116868
Nakayama, K. *see* Ohnishi, K. 108112
Nakayama, K. *see* Sumi, C. 88887
Nakayama, K. *see* Yamada, K. 81971
Nakayama, M., Mori, K., Ogata, N., Mitsui, Y., Yuura, H., Yoshii, Y., Yamamoto, K., Maemura, K., Ishida, O. A 1.9 GHz single-chip RF front-end GaAs MMIC for personal communications 83431
Nakayama, M. *see* Kawamura, M. 99799
Nakayama, M. *see* Kim, J.C. 85647
Nakayama, M. *see* Komatsu, T. 74251
Nakayama, M. *see* Ogura, K. 119660
Nakayama, M. *see* Sakaguchi, T. 68924
Nakayama, M. *see* Sakaue, S. 67195
Nakayama, M. *see* Tao, X.T. 85654
Nakayama, M. *see* Yamamoto, K. 78534
Nakayama, M. *see* Yamauchi, K. 88284
Nakayama, M. *see* Yatsuzuka, M. 62593
Nakayama, N., Ito, K. Sprayed films of stannite Cu$_2$ZnSnS$_4$ 61307
Nakayama, N., Itoh, S., Ishibashi, A., Mori, Y. High-efficiency ZnCdSe-ZnSSe-ZnMgSSe green and blue light-emitting diodes 96031
Nakayama, N., Kawasumi, T., Ishibashi, A. Channelled-substrate planar waveguided green laser diodes 75965
Nakayama, N. *see* Sekiguchi, T. 74800
Nakayama, O., Shirai, Y. Stereo matching for occlusion boundaries using normalized light intensity 86845
Nakayama, S. A study of error performance of CATV's uplink 119475
Nakayama, S. *see* Hanai, S. 96975
Nakayama, S. *see* Ikeda, K. 61408
Nakayama, S. *see* Kasai, N. 113588
Nakayama, S. *see* Koyanagi, K. 95535
Nakayama, S. *see* Morooka, T. 69081
Nakayama, S. *see* Murase, S. 95431
Nakayama, T. Link control method for improving packet transmission efficiency for store and forward communications by LEO satellites 119099
Nakayama, T. On-line cable monitoring, its variation and measuring error 121156
Nakayama, T., Huang, D.-H., Aono, M. Extraction, deposition, and displacement of atoms by STM 115097
Nakayama, T., Miyamoto, H. Dependence of critical thickness of strained InAs layer on growth rate 103910
Nakayama, T., Miyamoto, H., Oishi, E., Samoto, N. High electron mobility 18300 cm^2/V·s in the InAlAs/InGaAs pseudomorphic structure obtained by channel indium composition modulation 63771
Nakayama, T. *see* Arimoto, S. 73081
Nakayama, T. *see* Fujihara, A. 63795
Nakayama, T. *see* Fujii, S. 69179
Nakayama, T. *see* Kozu, S. 73423
Nakayama, T. *see* Noro, H. 76539
Nakayama, T. *see* Noro, H. 85036
Nakayama, T. *see* Sugiyama, A. 75823
Nakayama, W., Behnia, M., Mishima, H., Sun, H. Heat transfer from an array of strips to fluorinert coolant in a mixed impinging-jet/channel-flow configuration 60632
Nakayama, Y., Matsuda, T. Excimer laser-induced surface fixation of polymer and its patterning 84264
Nakayama, Y. *see* Hayashi, H. 96624
Nakayama, Y. *see* Horinouchi, K. 91684
Nakayama, Y. *see* Maekawa, T. 89265
Nakayamaa, S., Sakai, T. Redistribution of in situ doped or ion-implanted nitrogen in polysilicon 63142
Nakayasu, F. *see* Badics, Z. 71085
Nakayasu, F. *see* Badics, Z. 104227
Nakayoshi, K. *see* Niestroj, A. 80008
Nakazaki, N. *see* Asai, S. 73911
Nakazato, H., Tsutsumi, R. Access control on object-oriented telecommunications systems 67692
Nakazato, K. *see* Ahmed, H. 115258
Nakazato, K. *see* Kakui, M. 78772
Nakazawa, H. *see* Suemitsu, M. 92694
Nakazawa, K. *see* Mitani, K. 63368
Nakazawa, K. *see* Takahashi, Y. 89264
Nakazawa, M. Recent progress in long-distance soliton communication 88464
Nakazawa, M., Kubota, H., Sahara, A., Tamura, K. Marked increase in the power margin through the use of a dispersion-allocated soliton 85712
Nakazawa, M., Kubota, H., Yamada, E. Generation and transmission of optical soliton pulses 116723
Nakazawa, M., Kubota, H., Yamada, E. Generation and transmission of optical soliton pulses 116725
Nakazawa, M., Suzuki, K., Kubota, H., Yamada, E. 60 Gbit/s WDM (20 Gbit/s×3 unequally spaced channels) soliton transmission over 10000 km using in-line synchronous modulation and optical filtering 99558
Nakazawa, M., Suzuki, K., Yamada, E. NOLM oscillator and its injection locking technique for timing clock extraction and demultiplexing 78652
Nakazawa, M., Yoshida, E. Direct generation of a 750 fs, 10 GHz pulse train from a regeneratively mode-locked fibre laser with multiple harmonic modulation 85394
Nakazawa, M., Yoshida, E., Tamura, K. 10 GHz, 2ps regeneratively and harmonically FM mode-locked erbium fibre ring laser 85393
Nakazawa, M., Yoshida, E., Yamada, E., Kimura, Y. A repetition-rate stabilized and tunable, regeneratively mode-locked fiber laser using an offset-locking technique 75860
Nakazawa, M. *see* Abe, N. 77978
Nakazawa, M. *see* Imai, T. 116415
Nakazawa, M. *see* Kamemaru, S.-I. 77193
Nakazawa, M. *see* Kamijo, M. 77493
Nakazawa, M. *see* Sahara, A. 68375
Nakazawa, M. *see* Sakasai, K. 80085
Nakazawa, M. *see* Sakasai, K. 100876
Nakazawa, M. *see* Suzuki, K. 78843
Nakazawa, M. *see* Takahashi, H. 66658
Nakazawa, M. *see* Takahashi, H. 80058
Nakazawa, M. *see* Takahashi, H. 100151
Nakazawa, M. *see* Takahashi, H. 100868
Nakazawa, M. *see* Tamura, K. 99561
Nakazawa, M. *see* Tamura, K. 107145
Nakazawa, M. *see* Tanaka, K. 67052
Nakazawa, M. *see* Yoshida, E. 96133
Nakazawa, Y. NTT InterCommunication Center: Creating a new communications culture 78193
Nakazawa, Y., Naitoh, H. A new PWM scheme for NPC inverters reducing waveform distortion caused by pulse width limitation and a new neutral point voltage control 81581
Nakazawa, Y. *see* Aimoto, Y. 73442
Nakazawa, Y. *see* Saotome, Y. 92353
Nakazawa, Y. *see* Yabe, Y. 113980
Nakazono, K. Frame rate of motion picture and its influence on speech perception 87899
Nakazono, T. *see* Kobayashi, M. 89372
Nakesch, H., Pfutzner, H. Alternative sensor principles for the detection of human respiration using amorphous ferromagnetic materials 110651
Nakesch, H. *see* Nopp, P. 70165
Nakhai, M.R. *see* Ghazanfarian, A.A. 98949
Nakhamkin, M., Swensen, E.C., Wilson, J.M., Gaul, G., Polsky, M. The cascaded humidified advanced turbine (CHAT) 111792
Nakhjiri, M.F., Svensson, A. Decision directed coherent detection of 16-QAM on fading channels 117134
Nakhjiri, M.F., Svensson, A. Decision directed coherent detection of 16-QAM on fading channels 117341
Nakhla, M. *see* Khazaka, R. 65923
Nakhla, M. *see* Khazaka, R. 97169
Nakhla, M. *see* Ming Li 85949
Nakhla, M.S. *see* Achar, R. 114990
Nakhla, M.S. *see* Kolbehdari, M.A. 73631
Nakhla, M.S. *see* Kolbehdari, M.A. 107713
Nakhla, M.S. *see* Kolbehdari, M.A. 116802
Nakhla, M.S. *see* Williamson, J.M. 60613
Nakhodkin, N.G. *see* Kovalenko, A.V. 87231
Nakjoong Kim *see* Dong Hoon Choi 76162
Nakjoong Kim *see* Dong Hoon Choi 85641
Nakjoong Kim *see* Taek Seung Lee 76163
Nakkeeran, K. *see* Porsezian, K. 64725
Nakladal, A. *see* Sager, K. 88993
Nakleby, J.E. *see* Runde, M. 121822
Nakmura, S., Tajima, K., Sugimoto, Y. Subpicosecond switching with symmetric Mach-Zehnder all-optical switch 116702
Nakonechnyi, A.N. Monte-Carlo estimate of the probability of ruin in a compound Poisson model of risk theory 113099
Nakotte, H. *see* Sechovsky, V. 115641
Nakra, H., Belhomme, R., Gagnon, C., Thomassin, C., Gagnon, J. Dynamic equivalents of sub-transmission networks for transient stability studies 101715
Nakra, H., Sybille, G., Gagnon, C., Toupin, M. The IREQ simulator–a test bench for closed loop testing of controllers of high power electronics apparatus 104348
Naksuji, M. *see* Mishima, T. 95702
Nakwaski, W. Reply to "Comment on three-dimensional analysis of a heat-spreading phenomenon in phased-locked arrays of oxide-isolated diode lasers" 85485
Nakwaski, W., Osinski, M. Current spreading in proton-implanted vertical-cavity top-surface-emitting lasers 65287
Nakwaski, W., Sarzala, R.P., Osinski, M. Computer simulation of vertical-cavity surface-emitting lasers 76025
Nakwaski, W. *see* Osinski, M. 65291
Nakwaski, W. *see* Sadovnikov, A.D. 85484
Nakwaski, W. *see* Sarzala, R.P. 65328
Nalamasu, O. *see* Wallow, T.I. 105788

Nalbandian, V. *see* Choon Sae Lee 108060
Nalbantis, D. *see* Walczowski, L.T. 82118
Naldi, C.U. *see* Bonani, F. 93926
Naldi, M. *see* Galati, G. 68573
Nale, D.K., Thurgood, J.D. Integrating space-based imagery with GIS landbase datasets 70549
Nalesso, G. *see* De Angelis, C. 65489
Naletto, G. *see* Pernechele, C. 79565
Nalivko, S.V. *see* Kononenko, V.K. 96371
Nallet, P. *see* Chassaing, E. 61317
Nallo, C.D. *see* Alei, S. 93728
Nallo, C.Di *see* Di Nallo, C.
Nalluri, S.R.P.Rao *see* Rao Nalluri, S.R.P.
Nalwa, H.S., Imanisi, Y., Ishihara, S. Role of the π-bonding sequence in third-order optical nonlinearity: theoretical and experimental evidences 85628
Nalwa, H.S. *see* Imanishi, Y. 76228
Nalwa, H.S. *see* Watanabe, T. 85640
Nam, B.D. *see* Kim, Y.H. 86914
Nam, C.W., Ashok, S. ECR hydrogen plasma treatment of Si: defect activation under thermal anneal 84200
Nam, D. *see* Waarts, R.G. 100193
Nam, D.W. *see* Balakrishnan, A. 96647
Nam, D.W. *see* Sanders, S. 65502
Nam, H.G., Chang, K.H., Park, G.L., Kim, J.S. System-level simulation of CDMA mobile station modem ASIC 118929
Nam, H.S. *see* Hong, Y.I. 104909
Nam, H.Y. *see* Chai, J.S. 100809
Nam, J.L. *see* Yeo, J.-H. 115069
Nam, J.L. *see* Yeo, J.-H. 115070
Nam, J.Y., Park, S.G., Lee, Y.S., Lee, S.M., Ahn, C., Ra, S.W. An adaptive rate control scheme with scene change detection 67985
Nam, K.-S. *see* Kim, J. 84506
Nam, K.S. *see* Kim, J.D. 105462
Nam, K.S. *see* Park, M. 105723
Nam, K.S. *see* Suh, K.S. 74610
Nam, S.H., Kim, B.H., Moon, J., Shim, T.E., Lee, J.G. In situ boron-doped polycrystalline silicon films prepared by a novel low-pressure chemical vapour deposition method using a Si_2H_6-B_2H_6-N_2 gas system 61338
Nam, S.H., Lee, I. Analysis of the LMS algorithm family for uncorrelated Gaussian data 77059
Nam, S.H. *see* Yoon, M. 79864
Nam, S.W. *see* Cabrera, B. 100819
Nam Chang Hee *see* Chang Hee Nam
Nam Chul Kim *see* Ick Hoon Jang 98241
Nam Eun-Soo *see* Eun-Soo Nam
Nam Hwang *see* Gwan-Chong Joo 119216
Nam Hwang *see* Kyung Sook Hyun 64930
Nam Hwang *see* Seung Goo Kang 119229
Nam Hyo Duk *see* Hyo Duk Nam
Nam Hyoung Gin *see* Hyoung Gin Nam
Nam Hyoung-Gin *see* Hyoung-Gin Nam
Nam Hyung Min *see* Hyung Min Nam
Nam Ik Cho, Sang Uk Lee A band stop filter for pre-processing image sequences 77217
Nam Ik Cho *see* Yoon Gi Yang 97703
Nam Jae-Yeal *see* Jae-Yeal Nam
Nam Jiseung *see* Jiseung Nam
Nam Kee-Soo *see* Kee-Soo Nam
Nam Ki Woong *see* Ki Woong Nam
Nam Kie Yong *see* Kie Yong Nam
Nam Kim *see* Deug Ju Lee 106874
Nam Kim *see* Deug-Ju Lee 95866
Nam Kim *see* Yeon Seon Lee 85138
Nam Kim Ki *see* Ki Nam Kim
Nam Kyung Hyun *see* Kyung Hyun Nam
Nam Ling, Advani, R. Architecture of a fast motion estimator for MPEG video coding 77459
Nam Ling, Advani, R. A high speed motion estimator using 2-D log search algorithm 86760
Nam Ling, Jui-Rua Li A codebook design technique for better image quality in vector quantization 86759
Nam Oh Kil *see* Kil Nam Oh
Nam Phamdo *see* Alajaji, F. 66567
Nam Sae Woo *see* Sae Woo Nam
Nam Sangwook *see* Sangwook Nam
Nam Seong Kim *see* Hong Jin Kong 65172
Nam Seung Hyun *see* Seung Hyun Nam
Nam Soo Park, Kyung Soo Choi, Jeong Ho Kim Adaptive cosine transform coding in human visual model for data broadcasting channel 79124
Nam Soo-Kyuk *see* Soo-Kyuk Nam
Nam Suk Woo *see* Suk Woo Nam
Nam Taekyong *see* Taekyong Nam
Nam Tien Nguyen, Lobet-Maris, C., Berleur, J., Kusters, B. Methodological issues in information technology assessment 103354
Nam Wook-Jun *see* Wook-Jun Nam
Nam Zin Cho *see* Yong Bae Kim 81272
Nam-Deog Kim *see* Jianmin Chen 64825
Nam-Hoon Jo, Jae-Sop Kong, Jin-Heon Seo Decentralized suboptimal H_2 filtering: an exact model matching approach 73521
Nam-Hun Jeong *see* Sung-Chul Han 109963
Nam-Ihn Cho, Hyoung Gin Nam, Soon Jae Yu Microscopic mechanism of electrical noise in Co/Si thin film structures 74473
Nam-Ihn Cho, Soon Jae Yu A study on noise properties of Co films deposited on Si 83971
Nam-Ihn Cho *see* Soon Jae Yu 63018
Nam-Joon Kim *see* Hee-Sung Moon 111967
Nam-Ki Min *see* Bok-Gil Choi 79283
Namajunas, A., Tamasevicius, A. Simple RC chaotic oscillator 61682
Namajunas, A. *see* Brazis, R. 74074
Namajunas, A. *see* Tamasevicius, A. 61683
Namajunas, A. *see* Tamasevicius, A. 82994
Namajunas, A. *see* Tamasevicius, A. 93176
Naman, A. *see* Rack, P.D. 96013
Namatame, H., Tamura, M., Nakatake, M., Sato, H., Ueda, Y., Taniguchi, M., Fujisawa, M. High-resolution band-pass photon detector for inverse-photoemission spectroscopy 79426
Namatame, H. *see* Taniguchi, M. 62718
Namatsu, H., Nagase, M., Kurihara, K., Horiguchi, S., Makino, T. Fabrication of one-dimensional silicon nanowire structures with a self-aligned point contact 114719
Namatsu, H. *see* Nagase, M. 100311
Namatsu, H. *see* Takahashi, Y. 95080
Namavar, F. *see* Kalkhoran, N.M. 89255
Namavar, F. *see* Torvik, J.T. 116213
Namazi, N.M. *see* Matthews, K.E. 86522
Namazue, A. *see* Muto, S. 75551
Namba, K. *see* Kobayashi, H. 94605
Namba, K. *see* Kobayashi, H. 95091
Namba, K. *see* Yamashita, Y. 63169
Namba, S. *see* Kawai, N. 109224
Namba, Y. *see* Saeki, M. 85626
Namba, Y. *see* Sagawa, M. 85596
Namba, Y. *see* Yu, J. 115590
Nambisan, B.U., Heinrich, S.M., Fournelle, R.A., Elkouh, A.F., Nigro, N.J., Lee, P.S. An approximate model for predicting the size and shape of wave-soldered surface-mount joints 83590
Nambisan, P.M.S. *see* Janardan, E.G. 112005
Nambu, H. *see* Higeta, K. 61887
Nambu, H. *see* Higeta, K. 113943
Nambu, H. *see* Mizusaki, J. 81794
Nambu, M., Ohsawa, Y. Development of an advanced power system stabilizer using a strict linearization approach 70721
Nambu, M., Ohsawa, Y. Development of nonlinearity compensated power system stabilizer using information inside power station 91017
Nambu, Y. *see* Fettweis, G. 109283
Nambudiri, P.V.V. *see* Karunakara, K. 71012
Namenson, A.I. *see* Wieting, T.J. 79676
Namera, A. *see* Cingoski, V. 65703
Namerikawa, T. *see* Matsumura, F. 102696
Namgoong Han *see* Han Namgoong
Nami, Z., Ahn, C.H., Allen, M.G. An energy-based design criterion for magnetic microactuators 115882
Namic Kwon *see* Jin-Se Lee 107676
Namie, H., Yasuda, A., Okamura, T. Application of real-time kinematic GPS to clinometer 88745
Namie, H. *see* Yasuda, A. 78593
Namikawa, T. *see* Yamazaki, Y. 81773
Namiki, S., Yu, C.X., Tamura, K., Haus, H.A., Ippen, E.P. Noise characteristics of a polarization additive pulse modelocked fiber ring laser 65075
Namiki, T. *see* Nozaki, K. 63502
Namizaki, H. *see* Imaizumi, M. 74200
Namizaki, H. *see* Imaizumi, M. 75964
Namizaki, H. *see* Nakanishi, K. 89435
Namjoshi, K.V., Lavers, J.D., Biringer, P.P. Perfect conductivity approximation: modification for polyphase systems 65915
Namkung, W., Ko, I.S., Cho, M.H., Bak, J.S., Choi, J., Lee, H.S. Operation of PLS 2-GeV linac 89760
Namkung, W. *see* Cho, M.H. 100477
Namkung, W. *see* Ko, I.S. 89591
Namkung, W. *see* Ko, I.S. 89925
Namkung, W. *see* Lee, H.S. 93751
Namkung Do *see* Do Namkung
Namkung Won *see* Won Namkung
Namkyoo Park, Wysocki, P., Pedrazzani, R., Grubb, S., DiGiovanni, D., Walker, K. High-power Er-Yb-doped fiber amplifier with multichannel gain flatness within 0.2 dB over 14 nm 96150
Namkyoo Park *see* Vahala, K.J. 65484
Namoto, Y., Tanaka, Y., Ichihashi, T., Iwamoto, A., Nakatani, T. Network systems for plant monitoring and control 109015
Namuduri, C.S. *see* Sen, P.C. 112626
Nan Chen *see* Zhongnong Jiang 68938
Nan Chern Horng *see* Horng Nan Chern
Nan Guo *see* Guo Nan
Nan Holee *see* Holee Nan
Nan Hua *see* Hua Nan
Nan Li *see* Xiangyang Yang 89231
Nan Li *see* Xinagyang Yang 98267
Nan Lin, I. *see* Liu, C.S. 64336
Nan Shaowei *see* Shaowei Nan
Nan Wang Shi *see* Shi Nan Wang
Nan Zhuang *see* Haomin Wu 117157
Nan-Chang Zhu *see* Bailey, W.E. 75211
Nan-Cheng Chen, Kin-Lu Wong, Kwok-Wa Leung Input impedance of inclined printed slot antennas and inclined-slot-coupled dielectric resonator antennas 76561
Nan-Hsiung Yeh *see* Ryan, W.E. 115811
Nan-Jian Wu, Hasegawa, H., Amemiya, Y. Characteristics of Schottky contacts on n-InP and n-GaAs by a novel in situ electrochemical process 94570
Nan-Jin Feng, Xin Li, Guang-Rong Ji, Bing Zheng, Hai-Yan Zhang, Guo-Yu Wang, Guo-Xing Zheng A new laser-scanning sensing technique for underwater engineering inspection 117839
Nan-Yang Yen, Szu-Lin Su, Sheng-Cheng Hsieh Performance analysis of digital delay lock loops in the presence of Doppler shift 78594
Nan-Ying Yu, Chen, J.-J.J., Ding-Gou Huang, Ming-Shaung Ju Study of muscle fatigue in FES-induced dynamic cycling movement 80414
Nanami, M. *see* Miyagi, K. 69049
Nanaura, K. *see* Hirota, M. 80670
Nanba, A. *see* Eda, K. 106352
Nanba, H. *see* Ebata, K. 96584
Nanba, H. *see* Fuse, K. 96866
Nanba, K. *see* Kitanoya, J. 112896
Nanbu, Y., Tateiba, M. Polarization effects on the effective dielectric constant of a medium containing randomly distributed dielectric cylinders 116869
Nance, B. Diagnosing token ring ailments 98745
Nance, G. Automating new product development: streamlining the process 112849
Nanchang Zhu *see* Clark, T.E. 113314
Nanchao Zeng *see* Zeng Nanchao
Nancy, T. *see* Bourguet, J.-M. 93424
Nanda, S., Chawla, K., Budka, K.C. CDPD over shared AMPS channels: interference analysis 88339
Nanda, S., Rege, K.M. Frame error rates for convolutional codes on fading channels and the concept of effective E_b/N_0 88152
Nanda, S. *see* Chuah, M.C. 108858
Nanda, S. *see* Njoku, P.C. 110743
Nanda, S. *see* Rege, K.M. 88375
Nanda, S. *see* Rege, K.M. 117177
Nanda, S. *see* Yeung, K.L. 88334
Nandakumar, K. *see* Kahn, H. 74951
Nandakumar, M.R. *see* Kanaka, T.S. 120258
Nandakumar, V.N. *see* Ravikumar, A.R. 112139
Nandam, P.K. *see* Sen, P.C. 112626
Nandhakumar, N., Michel, J.D., Arnold, D.G., Velten, V. Site change detection and object recognition using thermophysical affine invariants from infrared imagery 66975
Nandhakumar, N., Michel, J.D., Arnold, D.G., Velten, V., Tsihrintzis, G.A. Site change detection for RADIUS using thermophysical algebraic invariants 69242
Nandhakumar, N., Velten, V. Thermophysical affine invariants from IR imagery for object recognition 77171
Nandhakumar, N. *see* Hoekstra, G. 67384
Nandhakumar, N. *see* Wei-Ge Chen 66935
Nandhakumar, N. *see* Wei-Ge Chen 108705
Nandhakumar, N. *see* Wei-Ge Chen 117601
Nandhakumar, N. *see* Zhao, W. 87148
Nandi, A.K. *see* Mampel, D. 82414
Nandi, A.K. *see* Tutschku, K. 86159
Nandi, R. Novel insensitive current mode oscillator with enhanced frequency stability using current conveyors 73156
Nandi, R. Current mode tunable low-frequency oscillators using current conveyors 93173
Nandi, R. Precise insensitive current-mode third-order lowpass Butterworth characteristics 93578
Nandi, S., Chattopadhyay, S., Chandhuri, P.P. Programmable cellular automata based testbed for fault diagnosis in VLSI circuits 93320
Nandi, S., Pal Chaudhuri, P. Theory and applications of cellular automata for synthesis of easily testable combinational logic 61841
Nandi, S., Sharon, M., Saha, S., Sundersingh, V.P. An AC drive system for a battery driven moped 112579
Nandorfi, M. Global indicator of telephone service in MATAV 98616
Nandy, D. *see* Wang, Z. 86497
Nandy, S.C. *see* Dasgupta, P.S. 95159
Nanez, R., Jr., Iturralde, A. Development of cost of ownership modeling at a semiconductor production facility 63880
Nanez, R., Jr. *see* Squatrito, J. 63190
Nangalia, S. *see* Dhuler, V. 106288
Nangalia, S. *see* Koopman, N. 94055
Nangalia, S. *see* Koopman, N. 114466
Nangia, U. *see* Jain, N.K. 120959
Nangle, P. NAND and NOR technologies for flash memories 104557
Naniwae, K., Iwata, H., Kuroda, N., Yashiki, K., Kuramoto, M., Suzuki, T. MBE growth of ZnCdSe and MgZnCdSe alloys on InP substrates with a GaInAs buffer-layer 74156
Nanjangud, S. *see* Maly, K.J. 118500
Nanjo, F. *see* Hattori, M. 81754
Nanjo, H. *see* Maeda, J. 86803
Nanjo, M. *see* Saito, T. 80661
Nankai, S. *see* Yoshioka, T. 89178
Nankaku, N., Yamashita, M. Prospect of multimedia network 98875
Nann, H. *see* Jacobsen, E.R. 69762
Nanni, P. *see* Delfrate, M.A. 92956
Nanning Zheng *see* Zheng Nanning
Nannini, A. *see* Bruschi, P. 104179
Nannini, A. *see* Diligenti, A. 94598
Nanri, K., Sunago, K., Takeda, S., Fujioka, T. Coil for disasters and reverse-industries 116797
Nanri, K. *see* Takeda, S. 103418
Nanri, T., Sato, M. Floor-heating system using sheathed heater in electric train 81975
Nansheng Zhou *see* Zhou Nansheng
Nantel, M. *see* Zeitoun, Ph. 75781
Nanto, H., Hirai, Y., Ikeda, M., Kadota, M., Nishishita, J., Nasu, S., Douguchi, Y. A novel

image storage sensor using photostimulated luminescence in SrS:Eu,Sm phosphor for electromagnetic waves such as X-rays, UV-rays and visible light 85265

Nanver, L.K., Goudena, E.J.G., Slabbekoorn, J. Bipolar integrated Kelvin test structure for contact resistance measurement of self-aligned implantations 94930

Nanver, L.K., Goudena, E.J.G., Slabbekoorn, J. Kelvin test structure for measuring contact resistance of shallow junctions 114711

Nanver, L.K., Goudena, E.J.G., van Zeijl, H.W. Optimization of fully-implanted NPNs for high-frequency operation 62298

Nanxin Song *see* Song Nanxin

Nanya, T. *see* Kagotani, H. 61523

Nanya, T. *see* Kagotani, K. 73212

Nanya, T. *see* Murata, Y. 73509

Nanya, T. *see* Sung-Bum Park 93343

Nanying Yin Analysis of a rate-based traffic management mechanism for ABR service 77659

Nanyuan Qiu *see* Qiu Nanyuan

Nanz, G. *see* Khalil, N. 84412

Naoe, M., Matsushita, N. Deposition of single-layer $CoFe_2O_4$ and multilayer $CoFe_2O_4/\alpha\text{-}Fe_2O_3$ with large $4\pi M_s$ and high H_c using vacuum arc evaporation 104160

Naoe, M., Nakagawa, S. Preparation of soft magnetic Fe/Ta and Fe:N/Ta:N multilayered films with large magnetization for inductive recording head 64377

Naoe, M. *see* Hoshi, Y. 64229

Naoe, M. *see* Ichihara, T. 75256

Naoe, M. *see* Ichihara, T. 115550

Naoe, M. *see* Ito, H. 75131

Naoe, M. *see* Ito, H. 115570

Naoe, M. *see* Kadokura, S. 113444

Naoe, M. *see* Kitamoto, Y. 113470

Naoe, M. *see* Kitamoto, Y. 115774

Naoe, M. *see* Matsushita, N. 115675

Naoe, M. *see* Miyamoto, Y. 75210

Naoe, M. *see* Miyamoto, Y. 115638

Naoe, M. *see* Miyamoto, Y. 115645

Naoe, M. *see* Morisako, A. 61355

Naoe, M. *see* Nakagawa, S. 106527

Naoe, M. *see* Noda, K. 115740

Naoe, M. *see* Noma, K. 115588

Naoe, M. *see* Yu, S.C. 106525

Naoe, N. Fundamental characteristics of voltage compensation type permanent-magnet generator 81389

Naohara, N. *see* Ishida, M. 75046

Naoi, K., Mori, M., Shinagawa, Y. Carbonate-based solutions by means at the quartz-crystal microbalance 121843

Naoi, K., Oura, Y. Dual-mode ion switching conducting polymer films as high energy supercapacitor materials 112178

Naoi, K., Oura, Y., Oyama, N. Disulfide compounds as energy storage material: electrochemical polymerization-depolymerization process 81685

Naoi, S. High-speed labeling method using adaptive variable window size for character shape feature 86695

Naoi, Y. *see* Kitabata, T. 102386

Naone, R.L. *see* Margalit, N.M. 107243

Naone, R.L. *see* Strand, T.A. 105357

Naor, M. *see* Canetti, R. 97467

Naor, M. *see* Dwork, C. 97488

Naor, M. *see* Fagin, R. 66269

Naor, R. *see* Schimelevich, L. 70397

Naoshima, T. *see* Kitao, K. 82185

Naoto Yorino *see* Cheng Haozhong 90948

Naoumidis, A., Tsoga, A., Nikolopoulos, P., Grubmeier, H. Influence of additives on interfacial properties between Ni and YSZ 81818

Naoumidis, A. *see* Stochniol, G. 81848

Naoumov, V. *see* Martikainen, O. 98881

Naour, S.Le *see* Le Naour, S.

Napadenski, G. *see* Yie He 74897

Napartovich, A.P. Physics of high-power CO lasers–a recent progress 107098

Napartovich, A.P., Botez, D. Analytic theory of the structure of collective modes in antiguided semiconductors 107330

Napartovich, A.P., Dobrov, B.V., Likhanskii, V.V. Instabilities and waves of coherence in 1-D diode laser arrays 96372

Napartovich, A.P., Gurashvili, V.A., Kochetov, I.V., Kuz'min, V.N., Kurnosov, A.K., Loboyko, A.I., Turkin, N.G. Cryogenic high-power CO laser pumped by e-beam sustained discharge: theory and experiment 107070

Napartovich, A.P. *see* Berdyshev, A.V. 116338

Napartovich, A.P. *see* Borodin, A.M. 65039

Napartovich, A.P. *see* Glova, A.F. 85363

Napartovich, A.P. *see* Glova, A.F. 85378

Napartovich, A.P. *see* Golovin, A.S. 75805

Napartovich, A.P. *see* Vysotskii, D.V. 107412

Napel, S. *see* Rubin, G.D. 90324

Napier, P.J., Cornwell, T.J. Self-calibration of antenna errors using focal plane arrays 66207

Napieralska-Juszczak, E. *see* Pietruszka, M. 71391

Napieralska-Juszczak, E. *see* Pietruszka, M. 81525

Napieralski, A. *see* Ciota, Z. 114079

Napoli, A.Di *see* Di Napoli, A.

Napoli, R. *see* Bompard, E. 80768

Napoli, R. *see* Bompard, E. 122080

Napolitano, A. *see* Berruto, E. 68205

Napolitano, A. *see* Berruto, E. 78412

Napolitano, A. *see* Luvison, A. 98912

Napp-Zinn, H., Jansen, M., Eckmiller, R. Recognition and tracking of impulse patterns with delay adaptation in biology-inspired pulse processing neural net (BPN) hardware 62090

Napper, S.A. *see* Ashroff, S. 70230

Nappi, C., Pagano, S. Fluxon dynamics in nonuniform width Josephson transmission lines 115942

Nappi, E. RICH detectors in heavy ion experiments 69743

Nappi, E. *see* Demelio, G. 69742

Nappi, E. *see* Di Mauro, A. 62558

Nappi, E. *see* Simone, S. 69783

Nappi, J. *see* Pessa, M. 96254

Nappi, J. *see* Pessa, M. 116510

Nappi, J. *see* Toivonen, M. 92778

Nappi, M. *see* Moltedo, L. 87058

Nappi, M. *see* Vitulano, S. 86984

Naqvi, A.A. *see* Raashid, M. 119969

Naqvi, H. *see* Raymond, C.J. 84508

Naqvi, S., Golkowski, Cz., Kerslick, G.S., Nation, J.A., Schachter, L. Development of input and output structures for high power X-band TWT amplifiers 100472

Naqvi, S., Kuang, E., Kerslick, G.S., Nation, J.A., Schachter, L. High power X-band TWT amplifiers 62635

Naqvi, S.A., Kerslick, G.S., Nation, J.A., Schachter, L. Resonance shift in relativistic traveling wave amplifiers 62621

Naqvi, S.A., Kerslick, G.S., Nation, J.A., Schachter, L. Axial extraction of high-power microwaves from relativistic traveling wave amplifiers 105077

Naqvi, S.S.H. *see* Minhas, B.K. 115091

Naqvi, S.S.H. *see* Prins, S.L. 115089

Naqvi, S.S.H. *see* Raymond, C.J. 112990

Naqvi, S.S.H. *see* Raymond, C.J. 115090

Nara, H. *see* Hasegawa, K. 71185

Nara, K., Hasegawa, J. An advanced flexible and reliable distribution system 70900

Nara, K. *see* Gan, D. 80876

Nara, K. *see* Hayashi, Y. 80968

Nara, K. *see* Hayashi, Y. 102012

Nara, K. *see* Kuwabara, H. 81045

Nara, T. *see* Kamigaki, Y. 98855

Nara, T. *see* Kamigaki, Y. 118724

Nara, T. *see* Okabe, S. 91703

Nara, Y. *see* Deura, M. 84593

Nara, Y. *see* Kurata, H. 95017

Nara, Y. *see* Sugii, T. 95187

Nara, Y. *see* Sugita, Y. 114978

Nara, Y. *see* Takamatsu, R. 87011

Naraghi, M. *see* Zou, Y.F. 92677

Naraghi-Pour, M., Hegde, M., Reddy, B. A multiple shared memory switch 67519

Naraghi-Pour, M. *see* Vargas, C. 67598

Naraghi-Pour, M. *see* Vargas, C. 117989

Narahari, B., Shende, S., Simha, R. Efficient algorithms for erasure node placement on slotted dual bus networks 118174

Narahashi, S. *see* Nojima, T. 68121

Narain, J. *see* Kalee Prasad, P. 105744

Narain, S. *see* Doverspike, R. 98681

Naraki, T., Yanaga, O., Okuaki, Y., Yamamoto, K. A band-based signal processing LSI for Personal Handy-phone System 78405

Naramoto, H. *see* Kuriyama, K. 114618

Naramoto, H. *see* Shimatani, N. 114892

Narang, D.S. *see* Walsh, S. 72190

Narang, P.P. Noise control strategies for occupational safety and better working environments 82137

Narang, V. *see* Dubey, G.C. 103997

Naranjo, J.D. *see* McKean, J.W. 103593

Naranjo, P.D. *see* Rodriguez, A.M. 112770

Narasimha, M.J. *see* Daeyoung Kim 86204

Narasimha, S. *see* Rohatgi, A. 102980

Narasimha Rao, P.V. *see* Rao, K.S. 120668

Narasimham, D.L. *see* Prince, M.R. 69990

Narasimhan, A. *see* Francos, J.M. 66665

Narasimhan, A. *see* Francos, J.M. 66821

Narasimhan, N., Srinivasan, V., Vootukuru, M., Walrath, J., Govindarajan, S., Vemuri, R. Rapid prototyping of reconfigurable coprocessors 104509

Narasimhan, P., Yates, R.D. A new protocol for the integration of voice and data over PRMA 68078

Narasimhan, P., Yates, R.D. A new protocol for the integration of voice and data over PRMA 87478

Narasimhan, P. *see* Xie, H. 68288

Narasimhan, R. *see* Chundi, P. 109031

Narasimhan, S.V. *see* Tyagi, A.K. 75307

Narasimhan, V.Lakshmi *see* Lakshmi Narasimhan, V.

Narathong, S., Saunders, C., DeCaro, B. A very low level optical pulse detection receiver with high dynamic range without AC coupling 119580

Narayan, A., Khatri, S.P., Jain, J., Fujita, M., Brayton, R.K., Sangiovanni-Vincentelli, A. A study of composition schemes for mixed apply/compose based construction of ROBDDs 92496

Narayan, O. *see* Wegscheider, W. 65289

Narayan, P. *see* Finesso, L. 97411

Narayan, P. *see* Kanlis, A. 66357

Narayan, P. *see* Kanlis, A. 117254

Narayan, R. *see* Ganapathy, G. 83147

Narayan, S. *see* Doherty, J.F. 120441

Narayan, S.Y. *see* Garbuzov, D. 96260

Narayan, S.Y. *see* Garbuzov, D.Z. 107326

Narayan, S.Y. *see* Martinelli, R.U. 69364

Narayan, S.Y. *see* Riris, H. 97878

Narayana, J.Lakshmi *see* Lakshmi Narayana, J.

Narayana, S.M., Rao, G., Adve, R., Sarkar, T.K., Vannicola, V.C., Wicks, M.C., Scott, S.A. Interpolation/extrapolation of frequency domain responses using the Hilbert transform 113068

Narayana, S.M., Rao, G.S., Adve, R.S., Sarkar, T.K., Wicks, M.C., Scott, S.C. Interpolation/extrapolation of frequency domain responses using the Hilbert transform 86292

Narayana, S.M. *see* Sarkar, T.K. 97058

Narayana Dutt, D. *see* Kavitha, V. 120449

Narayana Dutt, D. *see* Pradhan, N. 70118

Narayana Dutt, D. *see* Pradhan, N. 110847

Narayana Dutt, D. *see* Sadasivan, P.K. 120448

Narayana Moorthy, N., Veeraraghavan, P.S. PSLV-D2–Grounding scheme and EMC considerations 76476

Narayana Moorthy, N. *see* Umamaheswaran, R. 80539

Narayana Murthy, K.V. *see* Gangadhara Rao, A. 78389

Narayana Murthy, V.L., Makur, A. Design of some 2-D filters through the transformation technique 86305

Narayana Murty, S.V.S., Ramesh Narayanan, P., Natarajan, A. Galvanic corrosion of silver-brass interface of a capacitor 114345

Narayana Rao, D. *see* Rao, D.V.G.L.N. 75646

Narayana Rao, Y. *see* Venkateswarlu, V. 76453

Narayana Rao, Y. *see* Venkateswarlu, V. 76457

Narayana Swami, N. *see* Tandon, R.P. 120327

Narayanamurthy, C.S. Collimation testing using temporal coherence 79731

Narayanan, A., Kulkarni, V.G. First passage times in fluid models with an application to two priority fluid systems 103565

Narayanan, B.O. *see* Boppana, R.B. 103608

Narayanan, C., Presby, H.M., Vengsarkar, A.M. Band-rejection fiber filter using periodic core deformation 85001

Narayanan, C. *see* Dhar, L. 85060

Narayanan, E.M.S. *see* de Souza, M.M. 74857

Narayanan, E.M.Sankara *see* Sankara Narayanan, E.M.

Narayanan, K., Mohanavelu, K.S. WRC-95 and personal communication systems 99257

Narayanan, K.R., Cimini, L.J., Jr. Equalizer adaptation algorithms for high-speed wireless communications 109361

Narayanan, M. *see* Irvine, D. 69288

Narayanan, M. *see* Lasher, B. 67209

Narayanan, M. *see* Parker, E. 103500

Narayanan, M.M., Jayan, K.M., Kanjilal, D., Chopra, S. Incorporation of a combination of gap lenses in the buffer tube at the entrance of the 16 MV Pelletron at NSC 79885

Narayanan, P.Ramesh *see* Ramesh Narayanan, P.

Narayanan, R., Latif, Z., Ortiz-Conde, A., Liou, J.J., Golovanova, L., Wong, W., Garcia Sanchez, F.J. On the reverse short-channel effects of submicron MOSFETs 106048

Narayanan, R., Ortiz-Conde, A., Liou, J.J., Golovanova, L., Wong, W., Garcia Sanchez, F.J. A model for reverse short-channel effects in MOSFETs 95024

Narayanan, R., Ortiz-Conde, A., Liou, J.J., Sanchez, F.J.G., Parthasarathy, A. Effective channel length of submicron MOSFETs: numerical simulation, physical mechanisms, and extraction methods 84428

Narayanan, R. *see* Khan, A. 93129

Narayanan, R. *see* Rybczynski, T. 118640

Narayanan, R.Aravinda *see* Aravinda Narayanan, R.

Narayanan, R.M., Cox, D.D., Ralston, J.M., Christian, M.R. Millimeter-wave specular and diffuse multipath components of terrain 65844

Narayanan, R.M., Warner, K.K., Diffendal, R.F., Jr. Estimation of abundances in two-component mineral mixtures using mid-infrared laser reflectance ratios 120694

Narayanan, R.M. *see* Guenther, B.D. 111118

Narayanan, R.M. *see* Hirsave, P.P. 120844

Narayanan, R.M. *see* Snuttjer, B.R.J. 109758

Narayanan, S. *see* Alwan, A. 86156

Narayanan, S.B. *see* Atlas, L.E. 110102

Narayanan, S.S., Narayanan, V., Anandukumaran, K.R. Design analysis of permanent magnet DC motors with differing armature, magnet and yoke lengths 112007

Narayanan, S.S.Y., Bose, S. A dynamometer set up for simulation of a wave energy operated Wells turbine 111831

Narayanan, S.S.Yegna *see* Yegna Narayanan, S.S.

Narayanan, T.S. *see* Sreekantaswamy, M.S. 114160

Narayanan, V. *see* Narayanan, S.S. 112007

Narayanan, V.S.S. *see* Verma, V.P. 112832

Narayanan, V.S.Sankara *see* Sankara Narayanan, V.S.

Narayanaswamy, R. *see* Alabbas, S.H. 79441

Narayanaswamy, R. *see* Baron, M.G. 69352

Narayandass, S.K. *see* Gurumurugan, K. 61360

Narayandass, S.K. *see* Suguna, P. 94636

Narayandass, S.K. *see* Suguna, P. 105522

Narayanswami, C. *see* Shen, F. 112364

Narayanswamy, R., McKnight, D.J., Johnson, K.M. Optoelectronic region of interest detection in cervical smears 90488
Narazaki, H. *see* Shigaki, I. 111640
Nardelli, E. *see* Manolopoulos, Y. 77216
Nardi, D.D. *see* De Los Santos, H.J. 93872
Narduzzi, C. *see* Bertocco, M. 119576
Narduzzi, C. *see* Bertocco, M. 119586
Narduzzi, C. *see* Carbone, P. 66677
Narendra, K.G., Sood, V.K., Khorasani, K., Patel, R. Application of a radial basis function (RBF) neural network for fault diagnosis in a HVDC system 111576
Narendran, B. *see* Agrawal, P. 93344
Narendran, B. *see* Agrawal, P. 99283
Narendran, B. *see* Sreenan, C.J. 87673
Narendran, N., Weiss, J. Fiber-optic strain and temperature sensors for power plant applications 81180
Nargelas, A. *see* Nemura, A. 101883
Nariani, S.R. *see* Gabriel, C.T. 84571
Naridomi, R. *see* Maruyama, K. 100989
Narihiro, M. *see* Fujii, T. 83341
Narihisa, M. *see* Nakagawa, H. 91444
Narikiyo, T., Miura, H., Fujinaga, S., Ohmori, A. Plume aspects and penetration shape with inclined YAG laser beams 112885
Narin, S.L. *see* Duerinckx, A.J. 111006
Narin, S.L. *see* Duerinckx, A.J. 111007
Narine, T. *see* Harrison, B. 67883
Narisawa, H. *see* Shibata, T. 115715
Narishige, S. *see* Kimoto, K. 64189
Narishige, S. *see* Ohtsu, T. 115734
Narita, H. *see* Fukumitsu, N. 90322
Narita, H. *see* Kondo, N. 91575
Narita, M. *see* Hatsuda, T. 88394
Narita, M. *see* Tsujikado, K. 100232
Narita, S., Noiri, A., Konshi, M., Inafune, M., Shiraishi, O., Asai, Y. Development of broadband backbone switch (Super-iOX BBS) 109299
Narita, S. *see* Abe, K. 69708
Narita, S. *see* Abe, K. 69726
Narita, S. *see* Mizuno, M. 73194
Narita, T. *see* Hatsuda, T. 88394
Narita, T. *see* Onoda, H. 94837
Narita, Y. *see* Iida, H. 101321
Naritake, I., Sugibayashi, T., Utsugi, S., Murotani, T. A crossing charge recycle refresh scheme with a separated driver sense-amplifier for Gb DRAMs 93360
Naritake, I. *see* Murotani, T. 73375
Narmada, S., Jacob, M. Reliability analysis of a complex system with a deteriorating standby unit under common-cause failure and critical human error 92315
Narovlyanskii, V.G. *see* Yakimets, I.V. 103116
Narraway, J.J. Time varying electrical networks 61589
Narsale, A.M. *see* Ali, Y.P. 105180
Nart, F.C. *see* Hummelgen, I.A. 64969
Nart, F.C. *see* Hummelgen, I.A. 74504
Nart, F.C. *see* Roman, L.S. 96041
Narui, H., Doi, M., Sahara, K., Matsuda, O. Low-noise and low-operation current AlGaAs separated-double-heterostructure lasers 75996
Narukawa, Y. *see* Kawakami, Y. 105131
Narula, R.C., Durai, L., Ravi, S., Radhakrishnan, J.K., Inderpal, Singh, H., Singh, D., Chander, J., Joshi, S.C., Kaur, J., Bagai, R.K. Growth and characterisation of 3″ dia SI GaAs crystals 103828
Narum, A.D. *see* Childs, K.D. 103401
Narumalani, S. *see* Arnavut, Z. 111121
Narumiya, H. *see* Ota, H. 74949
Narumiya, H. *see* Ota, H. 112022
Naruse, H., Sato, K., Osaki, H., Chiba, K., Sasaki, T., Yoshimura, H. Advanced metal evaporated tape for consumer digital VCRs (DV cassette) 109947
Naruse, H. *see* Inou, K. 63623
Naruse, M., McArdle, N., Yamamoto, H., Ishikawa, M. An algorithmic approach to hierarchical parallel optical processing systems 85192
Narvaez, J. *see* Sebastian, P.J. 61411
Narvaez, P. *see* Jackson, D.K. 121826
Narveson, B. How many isolated DC-DC's do you really need? 61617
Nary, K.R. *see* Wang, K.C. 61970
Nasalski, W. Aberrationless effects of nonlinear propagation 96703
Nasan, R. *see* Balaban, M. 117613
Nasar, A.M. *see* Mahmoud, A.M. 93413
Nascimento, A.J., Jr. *see* Pacheco, V.M. 71432
Nascimento, F.A.de Oliveira *see* de Oliveira Nascimento, F.A.
Nascimento, F.A.deO. *see* Neto, J.S. 97445
Nascimento, L.F.A. *see* De Lima Filho, F. 112155
Nascimento Neto, S.do *see* do Nascimento Neto, S.
Naseem, H.A. *see* Haque, M.S. 74093
Naseem, H.A. *see* Haque, M.S. 94153
Naseem, H.A. *see* Haque, M.S. 103025
Naseh, S. *see* Landsberger, L.M. 74574
Naser, H., Leon-Garcia, A. A simulation study of delay and delay variation in ATM networks .I. CBR traffic 87317
Nash, C.L., Olshen, R.A., Gray, R.M. Predictive vector quantization with ridge regression 86737
Nash, E. A/D Calibration on the chip: Converter with on-chip calibration 114034
Nash, G.R., Bending, S.J., Kershaw, Y., Eberl, K., Grambow, P., von Klitzing, K. Surface acoustic wave studies of quantum nanostructures 105419
Nash, J.N. Direct torque control, induction motor vector control without an encoder 91780
Nash, K.J. *see* Canham, L.T. 94267
Nash, P. Review of interferometric optical fibre hydrophone technology 88725
Nash, S.J., Platzker, A., Struble, W. Distributed small signal model for multi-fingered GaAs PHEMT/MESFET devices 84463
Nash, S.J., Platzker, A., Struble, W. Distributed small signal model for multi-fingered GaAs PHEMT/MESFET devices 93788
Nash, T.J. *see* Cuneo, M.E. 69683
Nashashibi, A., Sarabandi, K. A bistatic measurement technique for characterization of the effective dielectric constant of random media using a monostatic radar 109774
Nashashibi, A. *see* Ulaby, F.T. 111280
Nashi, H. *see* Takahashi, M. 64327
Nashif, A. *see* Yanchu Xu 104244
Nashiki, H. *see* Uesugi, K. 103833
Nashiki, M., Satake, A., Kawai, Y., Yokochi, T., Okuma, S. Analytical study of flux and experiments of a flux-barrier type reluctance motor with a slit rotor 91470
Nashima, O., Suzuki, T., Ido, H., Kamishima, K., Goto, T. Magnetovolume effects of $MnAs_{1-x}Sb_x$ 64243
Nashimoto, Y. *see* Hirokawa, T. 93803
Nashimoto, Y. *see* Oikawa, H. 84122
Nashiyama, I., Hirao, T., Itoh, H., Kamiya, T., Naito, I., Matsuda, S. Development of facilities for investigating single-event effects 111032
Nashiyama, I. *see* Ohshima, T. 106043
Nashiyama, I. *see* Ohyamaa, H. 115145
Nashiyama, I. *see* Yoshikawa, M. 84008
Nashiyama, I. *see* Yoshikawa, M. 105515
Nasi, L., Salviati, G., Mazzer, M., Zanotti-Fregonara, C. Influence of surface morphology on ordered GaInP structures 72865
Nasi, L. *see* Rigo, C. 103951
Nasibov, A.S. *see* Basov, N.G. 94206
Nasibov, A.S. *see* Korostelin, Yu.V. 74188
Nasibov, A.S. *see* Korostelin, Yu.V. 92672
Nasibov, A.S. *see* Kozlovsky, V.I. 75951
Nasiopoulos, P., Ward, R.K., Bouras, D.P., Mathiopoulos, P.T. HDTV picture quality performance in the presence of random errors, analysis and measures for improvement 68875
Nasipuri, A., Tantaratana, S. Truncated sequential CFAR detectors using weighted sign and weighted conditional sign tests 66681
Nasir, Q. *see* Vasseghi, N. 73439
Naslund, M. All bits in ax+b mod p are hard 97497
Nasonov, N.N. *see* Grishin, V.K. 79907
Nasr, S.A., Zinke-Allmang, M. Structural decomposition at Sn/GaAs(100) interface 114807
Nasrabadi, N. *see* Kim, J.-S. 118922
Nasrabadi, N.H. *see* Chan, L.A. 117632
Nasrabadi, N.M. *see* Kim, J.-S. 78578
Nasrabadi, N.M. *see* Mirelli, V. 98206
Nasrabadi, N.M. *see* Rizvi, S.A. 66904
Nasrabadi, N.M. *see* Rizvi, S.A. 86922
Nasrabadi, N.M. *see* Rizvi, S.A. 117595
Nasrallah, M.M. *see* Anderson, H.U. 81787
Nasraoui, O., Krishnapuram, R. An improved possibilistic C-Means algorithm with finite rejection and robust scale estimation 97959
Nass, R. Optical drives are starting to see the light 64625
Nass, R. MPEG-2 decompression board puts real-time video on the PC 86601
Nass, R. Modules manage, protect lithium-ion cells 104312
Nass, R. Disk drive makers: "Out with the old in with the new" 106594
Nass, R. Firewire interface connects PCs to consumer electronics devices 109003
Nassar, A.M., Moselhy, A.M., El-Gazzar, M.A. Comparison study between a computer aided analysis program using state space technique and SPICE program 82897
Nassar, A.M., Moselhy, A.M., El Gazzar, M.A. Design and simulation of microwave filter 83198
Nassar, A.M. *see* Moselhy, A.M. 83349
Nassar, C.R., Soleymani, M.R. Data detection of coded PSK in the presence of unknown carrier phase 66253
Nassar, C.R., Soleymani, M.R. Data detection of MPSK in the presence of rapidly changing carrier phase 99226
Nassar, E., Lee, R., Jezek, K., Young, J. In-situ measurement of the complex dielectric constant of sea ice from 1 to 10 GHz 111277
Nassary, M.M. *see* Gamal, G.A. 83885
Nassary, M.M. *see* Gamal, G.A. 83886
Nasser, S.A. *see* Abbas, H. 112193
Nassim, M.A. *see* Fleming, J.S. 90315
Nassiopoulos, A.G., Grigoropoulos, S., Papadimitriou, D. Electroluminescent device based on silicon nanopillars 116246
Nassiopoulos, A.G. *see* Grigoropoulos, S. 63359
Nassiopoulos, A.G. *see* Kaltsas, G. 84298
Nassiopoulos, A.G. *see* Kaltsas, G. 113332
Nassiri, A., Berenc, T., Foster, J., Waldschmidt, G., Zhou, J. A photocathode RF gun design for a mm-wave linac-based FEL 90086
Nassiri, A., Kustom, R.L., Kang, Y.W., Song, J. Feasibility studies of a compact mm-wave linac FEL 96465
Nassiri, A. *see* Kang, Y.W. 100650
Nassiri, A. *see* Sereno, N.S. 89763
Nassiri, A. *see* Turner, L.R. 100999
Nassisi, V. *see* Beloglazov, A. 90113
Nassisi, V. *see* Beloglazov, A. 94177
Nassuphis, N. *see* Bloomstein, T.M. 115114
Nastar, C., Moghaddam, B., Pentland, A. Generalised image matching: Statistical learning of physically-based deformations 67267
Nastar, C. *see* Moghaddam, B. 86433
Nastasi, U. *see* Manfredotti, C. 69898
Nastaushev, Yu.V. *see* Gusev, G.M. 63032
Nastaushev, Yu.V. *see* Gusev, G.M. 74426
Nastea, S.G., El-Ghazawi, T., Frieder, O. Parallel input/output impact on sparse matrix compression 86231
Nastran, J. *see* Voncina, D. 91031
Nastrom, G.D., VanZandt, T.E. Biases due to gravity waves in wind profiler measurements of winds 80656
Nasu, M. *see* Tamaki, S. 73406
Nasu, R. *see* Tsuji, M. 116986
Nasu, S. *see* Nanto, H. 85265
Nataf, G., Leroux, M., Lauegt, S.M., Gibart, P. Selective growth of GaAs and $Al_{0.35}Ga_{0.65}As$ on GaAs patterned substrates by HCl assisted low pressure metalorganic vapour phase epitaxy 103852
Natake, T., Takiue, M., Fujii, H. Nuclide identification for pure beta-emitting radionuclides with very similar beta end-point energies using a liquid scintillation spectrometer 120175
Natale, C.Di *see* Di Natale, C.
Natale, F.G.B.De *see* De Natale, F.G.B.
Natale, G.B.De *see* De Natale, G.B.
Natale, P.de *see* de Natale, P.
Natale, V. *see* Mandolesi, N. 99703
Natale, V. *see* Smoot, G.F. 99702
Natan, D., Orenstein, M. Coherence, stability and localization resistance of extended two dimensional vertical cavity locked laser arrays 107346
Natansohn, A. *see* Meng, X. 64638
Nataraj, B.S. *see* Van Tran, H. 73587
Nataraj, J. *see* Anbarasu, R. 111984
Nataraj, J. *see* Sharma, N.D. 81430
Nataraj, J. *see* Sharma, N.D. 111983
Nataraj, N.S.K. *see* Gopal, T.V. 98656
Nataraj, P.S.V. *see* Patel, K.M. 102368
Nataraja Murthy, S., Krishnamraju, G. Interference to low Earth orbit satellite (LEOS) services in VHF band from ground based emissions 68330
Natarajan, A. *see* Narayana Murty, S.V.S. 114345
Natarajan, B. *see* Metghalchi, M. 60473
Natarajan, H. *see* Attar, G. 112369
Natarajan, J. *see* Mak, P. 94744
Natarajan, L.V. *see* Bunning, T.J. 96802
Natarajan, L.V. *see* Bunning, T.J. 96808
Natarajan, L.V. *see* Domash, L.H. 96837
Natarajan, L.V. *see* Sutherland, R.L. 96834
Natarajan, M. *see* Bao, X.J. 101014
Natarajan, M. *see* Beh, M. 74856
Natarajan, R. *see* Chahdrasekhar, P. 92321
Natarajan, S. *see* Ariponnammal, S. 114664
Natesan, V., Bhatia, D. Clock-skew constrained cell placement 95155
Nath, A.K. *see* Choudhary, P. 96098
Nath, S., Stevens, R.R., Jr., Wangler, T.P. Conceptual designs of beam choppers for RFQ linacs 100699
Nath, S. *see* Billen, J.H. 89725
Nath, S. *see* Takeda, H. 89726
Nath, S.K. *see* Patra, H.P. 90738
Nath Datta, B. *see* Bischof, C.H. 61007
Nathan, A., Benaissa, K. Silicon integrated optic devices and micromechanical sensors based on ARROW 95706
Nathan, A. *see* Benaissa, K. 69071
Nathan, A. *see* Benaissa, K. 75562
Nathan, A. *see* Benaissa, K. 75563
Nathan, A. *see* Benaissa, K. 79370
Nathan, A. *see* Benaissa, K. 89042
Nathan, A. *see* Benaissa, K. 110078
Nathan, A. *see* Mohajerzadeh, S. 63637
Nathan, A. *see* Nixon, O. 84827
Nathan, A. *see* Sadovnikov, A.D. 84371
Nathan, M., Shoshani, Z., Ashkinazi, G., Meyler, B., Zolotarevski, O. On the temperature dependence of the barrier height and the ideality factor in high voltage Ni-nGaAs Schottky diodes 115132
Nathan, M. *see* Glickman, E. 115013
Nathan, M.I. *see* Albrecht, J.D. 74320
Nathan, M.I. *see* Chen, C.-J. 116126
Nathan, M.I. *see* Cong, L. 74780
Nathan, M.I. *see* Cong, L. 82611
Nathan, M.I. *see* Lim, T.H. 105239
Nathan, V. Dark current in $GaAs-Al_xGa_{1-x}As$ quantum-well infrared detectors 69166
Nation, J.A. *see* Flechtner, D. 90107
Nation, J.A. *see* Ivers, J.D. 89607
Nation, J.A. *see* Naqvi, S. 62635
Nation, J.A. *see* Naqvi, S. 100472
Nation, J.A. *see* Naqvi, S.A. 62621
Nation, J.A. *see* Naqvi, S.A. 105077
Nation, W. *see* Crow, J.D. 119221
Nation, W. *see* Wong, Y.M. 119220

Nativi, S., Baldini, L., Giuli, D., Mazzetti, P. Active and passive microwave for rainfall monitoring 120803
Natkaniec, Z. *see* Hazumi, M. 100854
Natkaniec, Z. *see* Tsuboyama, T. 100836
Natoli, J.Y. *see* Derrien, J. 64990
Natori, H. *see* Shimizu, A. 90478
Natori, I. *see* Ino, K. 60563
Natori, K. Metal-oxide-semiconductor field effect transistor in ballistic transport 63708
Natori, M. *see* Ohashi, G. 101317
Natori, N. *see* Higuchi, N. 102606
Natori, N. *see* Nomura, H. 95572
Natraj, N. *see* Balas, E. 92530
Natrajan, B., Rosen, B.E. Image enhancement using very fast simulated reannealing 77446
Natsuaki, N. *see* Hiraiwa, A. 104545
Natsuaki, N. *see* Ikeda, T. 63909
Natsuaki, N. *see* Ogasawara, M. 61879
Natsume, H. *see* Takahashi, H. 73382
Natterer, F. *see* Welch, A. 101096
Nattermann, T. *see* Korshunov, S.E. 95464
Nattrass, L. *see* Karpenko, V. 89695
Nattrass, L.A. *see* Friedman, A. 89692
Natu, U.V. *see* Tyagi, V.M. 76481
Nau, S.L. *see* Bastos, J.P.A. 102721
Naud, J.D., Tombrello, T.A., Melcher, C.L., Schweitzer, J.S. The role of cerium sites in the scintillation mechanism of LSO 75710
Naudan, F., Nicolas, C., Huignard, J.P. Lateral mode filtering of a semiconductor laser in a phase-conjugate cavity 76093
Naudin, C. *see* Nunzi, J.M. 85629
Naudin, N., Farre, J., Bissieres, D., Lavergne, G. IR instrumentation dedicated to the experimental validation of evaporating and burning droplets' temperature models 69010
Naudin, N., Farre, J., Liousse, F., Ravel, O. Temperature measurement of small moving droplets by a non invasive infrared method 69546
Nauen, R. Trombay No.7 keeps Bombay's power on an even keel 111816
Naughton, T. *see* Carlin, R.T. 112293
Naujokat, D. *see* Reichelt, G.E. 94079
Nauka, K., Theil, J., Chi, C., Greene, W.M., Shohet, J.L. Surface photovoltage and contact potential difference imaging of defects introduced by plasma processing of IC devices 106127
Nauka, K. *see* Hoff, A.M. 84194
Naulleau, P., Chen, C., Leith, E. Analysis of direct three-dimensional image transmission through optical fibers by the use of coherence methods 99471
Naulleau, P., Dilworth, D. Noise analysis for the holographic first-arriving-light technique 96773
Naulleau, P., Dilworth, D. Motion-resolved imaging of moving objects embedded within scattering media by the use of time-gated speckle analysis 119944
Naulleau, P., Dilworth, D., Leith, E., Lopez, J. Resolution-enhanced detection of moving objects embedded within scattering media using time-gated speckle methods 85732
Naulleau, P., Leith, E. Imaging through optical fibers by spatial coherence encoding methods 116024
Naulleau, P. *see* Leith, E. 70009
Naumann, D. *see* Olbrich, A. 112229
Naumann, D. *see* Olbrich, A. 112230
Naumann, J. *see* Stockmann, M. 99920
Naumann, M. *see* Glas, P. 65093
Naumann, R.J. Stabilizing/destabilizing effects of axial accelerations in Bridgman growth 103809
Naumenko, N.F. Application of exceptional wave theory to materials used in surface acoustic wave devices 84756
Naumenko, N.F. A method of search for leaky waves based on exceptional wave theory 106429
Naumenko, V., Suvorov, A., Sirov, A. Tunable magnetron of a two-millimeter-wavelength band 74069
Naumenkov, A.I. *see* Kezerashvili, G.Ya. 120092
Naumov, A., Losevskiy, N., Belopukhov, V., Volostnikov, V., Podvigin, V. Wave front sensor with an unharmonic grating 110112
Naumov, A.F. *see* Belopukhov, V.N. 110361
Naumov, A.F. *see* Belopukhov, V.N. 119632
Naumov, A.N. *see* Zheltikov, A.M. 65426
Naumov, A.P. *see* Markina, N.N. 101573
Naumov, V.G., Shashkov, V.M., Svotin, P.A. About the efficiency of laser radiation phase conjugation at the presence of light induced medium perturbation 116339
Naumov, V.G. *see* Valuev, V.V. 107421
Naumova, I.I. *see* Aleksandrovskii, A.L. 85103
Naumova, I.I. *see* Le Bihan, R. 106362
Naumova, I.L. *see* Gankin, E.A. 106737
Naumova, N.M. *see* Bulanov, S.V. 79844
Naumovic, M.B. Experience with self-tuning control design in high-precision positioning systems 71787
Naumovich, E.N., Kharton, V.V., Vecher, A.A., Nikolaev, A.V., Abugoffa, A.A. Properties of solid solutions based on LaMnO$_3$ 81802
Naumovich, E.N. *see* Kharton, V.V. 81801
Naumovich, G. *see* Calvin, H. 106718
Naumovich, G. *see* Deis, G. 106719
Naumovich, G. *see* Thomassen, K. 64565
Naundorf, G. *see* Wissbrock, H. 113544
Nauta, B. *see* Mensink, C.H.J. 62078
Nauta, B. *see* Mensink, C.H.J. 104733
Nautiyal, H.C. Performance measurement criteria for low cost wireless indoor computer communication network 109131
Nauwelaers, B. *see* Baeyens, Y. 62314
Nauwelaers, B. *see* Lauwers, J. 95489
Nauwelaers, B. *see* Schellemans, G. 60480
Nauwelaers, B. *see* Schreurs, D. 60479
Nauwelaers, B. *see* Schreurs, D. 73816
Nauwelaers, B. *see* Schreurs, D. 83516
Nauwelaers, B. *see* Schreurs, D. 104834
Nauwelaers, B. *see* Schreurs, D. 115253
Nauwelaers, B. *see* Verspecht, J. 93098
Nauwelaers, B. *see* Wan, C. 100271
Nauwelaers, B.K.J.C. *see* Kalinin, V.A. 107980
Nava, F., Alietti, M., Canali, C., Cavallini, A., Chiossi, C., del Papa, C., Re, V., Lanzieri, C. Performances of SI GaAs detectors fabricated with implanted ohmic contacts 80028
Nava, F., Alietti, M., Canali, C., Cavallini, A., del Papa, C., Re, V., Lanzieri, C. Performances of SI GaAs detectors fabricated with a new technology 100869
Nava, F. *see* Alietti, M. 120150
Nava, F. *see* Bertuccio, G. 120200
Nava, P.A., Taylor, J.M. Speaker independent voice recognition with a fuzzy neural network 117286
Navab, N. *see* Shashua, A. 117556
Naval, L., Jalali, B., Gomelsky, L., Liu, J.M. Optimization of Si$_{1-x}$Ge$_x$/Si waveguide photodetectors operating at λ=1.3 μm 69183
Navala, S.Ya. *see* Lebedeva, T.S. 95490
Navarova, H. *see* Sikula, J. 104887
Navarra, G. *see* Cannas, M. 72751
Navarria, F.L. *see* Alvsvaag, S.J. 90124
Navarria, F.L. *see* Bell, W. 120174
Navarro, A. *see* Polo, A. 119457
Navarro, A. *see* Wu, C. 76323
Navarro, A.E., Perol, P., Dede, E.J., Hurtado, F.J. A new efficiency low mass bi-directional battery discharge-charge regulator for low voltage batteries 120630
Navarro, D. *see* Artigas, J.I. 77106
Navarro, E. *see* Jodar, L. 92614
Navarro, E. *see* Litva, J. 83347
Navarro, E.A., Chen Wu, Chung, P.Y., Litva, J. Efficient FDTD analysis of discontinuities in a square coaxial waveguide 116953
Navarro, E.A., Sangary, N.T., Litva, J. Some considerations on the accuracy of the nonuniform FDTD method and its application to waveguide analysis when combined with the perfectly matched layer technique 92651
Navarro, E.A. *see* Hernandez, M.A. 76114
Navarro, G. *see* Baeza-Yates, R. 98248
Navarro, J. Access technology for universal mobility 118650
Navarro, J.A. *see* Flynt, R.A. 117022
Navarro, M. *see* Lopez-Villegas, J.M. 94304
Navarro, M.Santiago *see* Santiago Navarro, M.
Navarro, P. *see* Nussbaum, G.H. 69995
Navarro, R., Nestares, O. Segmentation of electron microscopy images through Gabor texture descriptors 66984
Navarro, R., Portilla, J. Robust method for texture synthesis-by-analysis based on a multiscale Gabor scheme 108525
Navarro, R. *see* Vargas, A. 117708
Navarro-Martinez, I., Penaranda-Foix, F. Transient analysis simulator for microwave education 112772
Navathe, C.P., Ansari, M.S., Upadhyaya, J., Sreedhar, N., Chandra, R., Kumbhare, S.R., Chakera, J.A., Gupta, P.D. Microprocessor based interface unit for coupling a picosecond laser oscillator with external laser amplifiers 85558
Navathe, C.P. *see* Oak, S.M. 69011
Nave, G., Sansonetti, C.J., Reader, J., Martin, W.C. Atomic spectroscopic data for lighting applications 112594
Naveen, T. *see* Horne, C. 67452
Naveen, T. *see* Van Dusen, C.H. 119414
Navid, S. *see* Wong, S.L. 73115
Navid-Azarbaijani, N., Banakar, M.H. Realizing load reduction functions by aperiodic switching of load groups 70714
Naviner, J.F. *see* Bouchakour, R. 74751
Naviner, L.A.deB. VLSI architectures for real-time moving image resampling 98109
Navinsek, B. *see* Cvelbar, A. 74623
Navratil, G. *see* Qingjun Xiao 120244
Navratil, J. *see* Lostak, P. 92659
Navrotskii, A.A., Sinitsyn, A.K. Dispersion characteristics of the nonregular helical slow-wave structure used in an O-type TWT 105058
Nawa, K., Ohkita, M. High performance prepregs and laminates using advanced COPNA-resin 104934
Nawa, K., Ueda, S., Watanabe, H. Advanced COPNA-resin as a low temperature curing resin for high-density electronic packages 92206
Nawab, S.H. *see* Ludwig, J.T. 62035
Nawano, S. *see* Mekada, Y. 70035
Nawashiro, K. *see* Kato, S. 82050
Nawata, M. *see* Hiramatsu, M. 72952
Nawata, M. *see* Ikeda, M. 113467
Nawata, M. *see* Kawamura, H. 81169
Nawata, M. *see* Kim, Y.H. 93953
Nawate, M. *see* Honda, S. 115608
Nawathey-Dikshit, R., Shinde, S.R., Ogale, S.B., Kulkarni, S.D., Sainkar, S.R., Date, S.K. Synthesis of single domain strontium ferrite powder by pulsed laser ablation 72977
Nawaz, M., Jensen, G.U. Simple analytical charge control model for multichannel GaAs/AlGaAs based high electron mobility transistors (HEMT) 83415
Nawaz, M., Jensen, G.U. Dual-gate multiple-quantum-well (MQW) heterojunction field-effect transistors (HFETs) for active phase shifters 93838
Nawaz, M. *see* Alsaka, Y.A. 108394
Nawo, B. *see* Sperfeld, P. 88892
Nawrocki, G. *see* Lumpkin, A. 100419
Nawrocky, R.J., Kramer, S.L. Single-turn beam position monitor for the NSLS VUV electron storage ring 100552
Nawrot, A. *see* Calen, H. 120194
Nawrowski, R., Tomczewski, A. The 3D electric field distribution in three-phase electric power shielded conductors 102149
Naya, J.E., von Ballmoos, P., Smither, R.K., Faiz, M., Fernandez, P.B., Graber, T., Albernhe, F., Vedrenne, G. Experimental results obtained with the positron-annihilation-radiation telescope of the Toulouse-Argonne collaboration 69895
Nayak, A., Muthuswamy, J., Roy, R.J. Neural net based prediction of depth of anesthesia 80388
Nayak, A., Pagli, L., Santoro, N. On testing for catastrophic faults in reconfigurable arrays with arbitrary link redundancy 93256
Nayak, A. *see* Abbate, A. 90538
Nayak, A.R. *see* Das, S.R. 93338
Nayak, C., Ilyas, M. Characterization of video conferencing traffic in ATM networks 109164
Nayak, D.K., Goto, K., Yutani, A., Murota, J., Shiraki, Y. High-mobility strained-Si PMOSFET's 106032
Nayak, D.K., Wang, L., Rakkhit, R. A new technique to measure thin oxide thickness in IC manufacturing 63951
Nayak, D.K. *see* Lin, C.T. 61329
Nayak, O.B., Gole, A.M. Effect of approximations made in the lumping of local loads at a weak HVDC converter on its dynamic performance 81022
Nayak, O.B *see* Gole, A.M. 60460
Nayak, O.B *see* Gole, A.M. 91113
Nayak, O.B *see* Irwin, G.D. 111490
Nayak, P. *see* Acharya, B.P. 72656
Nayak, S. *see* Kuech, T.F. 82648
Nayak, S.K. *see* Aggarwal, M.M. 69839
Nayak, S.K. *see* Sahu, T. 105305
Nayak, S.S., Meher, P.K. 3-dimensional systolic architecture for parallel VLSI implementation of the discrete cosine transform 113999
Nayar, C.V. *see* Borle, L. 111850
Nayar, C.V. *see* Borle, L.J. 71460
Nayar, C.V. *see* Chakravarthy, S.K. 120950
Nayar, C.V. *see* Katan, R.E. 111845
Nayar, C.V. *see* Perahia, J. 71209
Nayar, S. *see* Mundy, J. 117687
Nayar, S.K., Allen, P., Boult, T.E., Kender, J.R. Image understanding research at Columbia University 67468
Nayar, S.K., Baker, S., Murase, H. Parametric feature detection 86416
Nayar, S.K., Murase, H. Dimensionality of illumination in appearance matching 77448
Nayar, S.K., Murase, H. Dimensionality of illumination manifolds in appearance matching 117684
Nayar, S.K., Nene, S.A., Murase, H. Real-time 100 object recognition system 86769
Nayar, S.K., Nene, S.A., Murase, H. Subspace methods for robot vision 117566
Nayar, S.K. *see* Baker, S. 86427
Nayar, S.K. *see* Bhat, D.N. 77164
Nayar, S.K. *see* Bhat, D.N. 86400
Nayar, S.K. *see* Mukherjee, S. 86358
Nayar, S.K. *see* Nene, S.A. 86465
Nayar, S.K. *see* Noguchi, M. 108678
Nayar, S.K. *see* Watanabe, M. 64865
Nayar, S.K. *see* Watanabe, M. 77346
Nayar, S.K. *see* Watanabe, M. 86412
Nayar, V., Keir, A.M., Abe, T. Microstructure of bonded SOI films 63160
Nayar, V. *see* Anthony, C.J. 114820
Nayfeh, A.H., Harb, A.H., Char-Ming Chin Bifurcations in a power system model 70705
Nayfeh, M. *see* Thompson, W.H. 114937
Naylor, A.J., Strickland, K.R., Kent, A.J., Henini, M. Phononconductivity measurements of the electron–phonon interaction in quantum wire structures 105417
Naylor, B.F. *see* Rajkumar, A. 88247
Naylor, D. *see* Goel, M. 96827
Naylor, P. *see* Doukas, N. 117293
Naylor, P. *see* Haddad, A. 81168
Naylor, P.A., Alcazar, J., Boudy, J., Grenier, Y. Enhancement of hands-free telecommunications 98906
Nayuki, T. *see* Kimura, H. 85368
Nayuki, T. *see* Nemoto, K. 76088
Nazarchuk, Z., Ovsyannikov, O., Senik, T. Plane wave scattering by a multilayer diffraction grating 65806
Nazarenko, A.F. *see* Kalashnikov, A.N. 114058
Nazarenko, L.A. *see* Goloborod'ko, V.T. 68950
Nazarenko, P.I. *see* Elliott, S.R. 80104
Nazareth, S. *see* Jain, R. 87669

Nazarian, H. *see* Van Tran, H. 73587
Nazarkin, A. *see* Herrmann, J. 76215
Nazarkin, A. *see* Kittelmann, O. 96661
Nazarkin, A. *see* Ringling, J. 96723
Nazarko, J., Cross, G., Zalewski, W. The probabilistic approach to the analysis of power distribution systems 102119
Nazarov, A.A., Yurevich, N.M. A study of a network with a dynamic ALOHA random multiple access protocol 98488
Nazarov, A.A., Yuzhakov, A.A. Equivalence criterion for the global and detailed balance equations of Markov chains 82410
Nazarov, A.A. *see* Bergman, O.S. 118458
Nazarov, D.S., Ozur, G.E., Proskurovskii, D.I. A source of high-density pulsed electron beams with energies up to 40 keV 120102
Nazarov, I.N. *see* Tchernyi, V.V. 65480
Nazarov, L.E., Smolyaninov, V.M. Discrete multiplicative signals and their recognition algorithms, based on Vilenkin-Krestenson functions spectral techniques 86297
Nazarov, V.I. *see* Pedorenko, N.P. 79386
Nazarov, V.P. Magnetic dichrograph with double modulation 79252
Nazarov, Yu.V. *see* Kouwenhoven, L.P. 105407
Nazarov, Yu.V. *see* Stoof, T.H. 75356
Nazaruddin, Y.Y., Unbehauen, H. Design of a multivariable state-space adaptive controller and its application to a turbo-generator pilot plant 111903
Nazem, S.M., Liu, Y.-H., Lee, H., Shi, Y. Implementing telecommunications infrastructure: A rural America case 108892
Nazin, S.S. *see* Molotkov, S.N. 77724
Nazoa, N., Heleine, P. Effect of an interstage filter on the sensitivity of analogue radio receivers 109358
Nazuka, Y. *see* Itoh, J. 73997
Nazuka, Y. *see* Itoh, J. 83748
Nche, C.F., Powell, W.H., Parish, D.J., Phillips, I.W. A new architecture for surveillance video networks 108924
Ndagijimana, F., Saguet, P. The use of a full-wave 3D technique in a CAD oriented analysis: the TLM method 61532
Ndagijimana, F. *see* Boussetta, C. 76519
Ndap, J.O. *see* Triboulet, R. 74183
Ndefo, E.D. *see* Koshigoe, S. 70308
Ndjountche, T. Linear voltage-controlled-impedance architecture 93579
Ndjountche, T., Avebe Zibi, A. Adaptive switched capacitor biquadratic filter with high-frequency applications 114072
Ndukwe, I.C. Solution growth, characterization and applications of zinc sulphide thin films 74144
Neacsu, D. *see* Lucanu, M. 61643
Neacsu, D.O., Alexa, D. Analysis of high-frequency PWM techniques suitable for resonant inverters 81565
Neacsu, D.O., Ziwen Yao, Rajagopalan, V. Optimal PWM control for single-switch three-phase AC-DC boost converter 121630
Neacsu, D.O. *see* Donescu, V. 121936
Neacsu, D.O *see* Rajagopalan, V. 104325
Neacsu, D.O *see* Yao, Z. 121006
Neaga, C., Prisecaru, T. Model and simulation of transitional phenomena at 330 MWe Benson boiler 102461
Neagley, D. *see* Briles, S. 101551
Neagoe, O., Nedelea, T. A linear current to position converter for "CDD" functional design 62085
Neagu, E. *see* Miron, D. 71918
Neagu, E.R., Neagu, R.M. A method for space charge study in dielectrics 64026
Neagu, R.M. *see* Neagu, E.R. 64026
Neal, H. *see* Adams, M. 110591
Neal, M.J. *see* Mallison, W.H. 75363
Neal, R. *see* Catford, W.N. 69884
Neal, R.M. *see* MacKay, D.J.C. 108127
Neale, C.M.U. *see* Changyi Sun 111279
Neale, R. Will multi-level flash memory be the way to the future? 83105
Neat, R.J., Macklin, W.J., Bishop, H.E., Powell, R.J. Recent progress in the development of the lithium polymer battery for space power applications 112221
Neau, E.L. High average power, high current pulsed accelerator technology 89599
Neave, J.H. *see* Holmes, D.M. 82593
Neave, J.H. *see* Naji, O. 103867
Neaves, P.I. *see* Hatfield, J.V. 80133
Neba, Y., Higashi, M. A maximum power control for utility interactive photovoltaic generating system with PWM current source inverter 71186
Neba, Y., Higashi, M. Characteristics of utility interactive photovoltaic system with composite PWM voltage source inverter 71187
Neba, Y., Higashi, M. Operating characteristics of step-up and step-down choppers with solar cells 71526
Neba, Y., Higashi, M. A PWM method for single-phase current source type converter 91626
Neba, Y., Higashi, M., Maeda, H. Steady-state characteristics of single-phase PWM voltage source converter with three arms 71527
Neba, Y., Maeda, H. Power conversion strategy by using a single-phase PWM current source converter with six switching devices 71523
Neba, Y., Mori, J. A configuration of single-phase PWM current source converter with constant DC current 71522
Neba, Y., Mori, J. Analysis of voltage source PWM single-phase converter and three-phase inverter fed induction motor system 71524
Neba, Y., Mori, J. PWM current source inverter-induction motor drive system by utilizing photovoltaic generation 71525
Neba, Y., Mori, J. An improved configuration of PWM CSI-induction motor drive system with utility interactive PV generation 121952
Nebashi, S. *see* Ishida, M. 64392
Nebauer, E. *see* Wurfl, J. 104885
Nebbia, L. *see* Salza, P.L. 108203
Nebeker, B.M., Schmehl, R., Starr, G.W., Hirleman, E.D. Prediction of light scattering characteristics of particles and structures on surfaces by the coupled-dipole method 112989
Nebeker, B.M., Starr, G.W., Hirleman, E.D. Light scattering from patterned surfaces and particles on surfaces [silicon wafers] 84510
Nebel, G., Kleine, U., Pfleiderer, H.-J. Large bandwidth BiCMOS operational amplifiers for SC video applications 73107
Nebel, R. 75XL-controller with battery management 113970
Nebel, W. *see* Rabe, D. 113668
Nebiker, P.W. *see* Ames, F. 100795
Nebois, L. *see* Droulas, J.-L. 81281
Nebosis, R.S. *see* Gousev, Yu.P. 99976
Nebosis, R.S. *see* Gousev, Yu.P. 104839
Nebosis, R.S. *see* Semenov, A.D. 84907
Nebus, F., Kus, Z. Broadband utilization of eigenvalue techniques 86217
Nebus, J.M. *see* Mallet, A. 83402
Nechaev, E.P., Korchagin, Yu.E. Efficiency of joint estimates of the Doppler signal frequency shift duration 119272
Nechaev, I.A. *see* Peredel'skii, G.N. 99818
Nechaev, V.R. *see* D'yakov, A.F. 121339
Nechaeva, L.P. *see* Belov, A.S. 120076
Nechaeva, N.V. *see* Peredel'skii, G.N. 99818
Nechay, B.A. *see* Hou, A.S. 106114
Nechev, K.S. *see* Coates, D.K. 112208
Nechev, K.S. *see* Lipka, S.M. 71670
Nechiporenko, A.I. *see* Koba, A.S. 71735
Nechitailo, V.S. Recent advances in polymer dye lasers 96122
Nechval, N.A. CFAR test using order statistics for target detection by radar with multiple resolution elements 78965
Nechvatal, J. A public-key-based key escrow system 117159
Necsoiu, T. *see* Iftimia, N. 116369
Ned, A.A. *see* Okojie, R.S. 79356
Nedavnii, O.I., Osipov, S.P. The choice of the collimator length in X-ray computer tomography 120246
Nedbal, R. SEX at the CAM station: The strategic exchange of extracted data 94037
Nedelchev, N. *see* Nenov, I. 112542
Nedelea, T. *see* Neagoe, O. 62085
Nedelec, P. *see* Zalessky, V.B. 80056
Nedelec, P. *see* Zalessky, V.B. 100890
Nedelin, E.T. *see* Duraev, V.P. 116544
Nedeljkovic, D. *see* Suhodolcan, U. 90939
Nedeljkovic, D. *see* Voncina, D. 91031
Nederlof, L. One-chip TV 79135
Nederlof, L. *see* Struyve, K. 77628
Nederlof, L. *see* Vanderstraeten, H. 108950
Nedialkova, L. *see* Zellama, K. 94673
Nedich, A. *see* Vasil'ev, F.P. 60896
Nedjalkov, M., Dimov, I., Rossi, F., Jacoboni, C. Convergency of the Monte Carlo algorithm for the solution of the Wigner quantum-transport equation 63528
Nedoluha, G.E. *see* Lahoz, W.A. 120782
Nedoluzhko, G. *see* Berdnikov, D.V. 104294
Nedoma, P. *see* Karny, M. 108254
Neduzhko, L.I. *see* Shembel, E.M. 112236
Nee, A.Y.C. *see* Cai, Y.Y. 77373
Nee, A.Y.C. *see* Cai, Y.Y. 112855
Nee, H.-P. *see* Harnefors, L. 91484
Nee, R.D.J.van *see* van Nee, R.D.J.
Nee, R.D.van *see* van Nee, R.D.
Needels, L. *see* Milman, M. 77343
Needes, C. *see* Drozdyk, L. 94833
Needes, C.R.S. *see* Sarma, D.H.R. 91922
Needham, C. The barriers to CHP in Europe 111773
Neefe, J.M. *see* Anderson, T.E. 67744
Neefs, M., Van Nieuwenhove, K., Cools, K., Davy, P., Dane, M. Design of a DTMF telephone handset using ESDA tools 98929
Neelakanta, P.S., Abeygunawardana, S., De Groff, D. Free-space method of measuring complex permittivity of fast-ion conductors at microwave frequencies using pelleted samples 69481
Neelakanta, P.S., Park, J.C. Multipole expansion of the electric field potential in a soft electromagnetic composite 64030
Neelands, K.C. *see* Haskins, P.S. 90152
Neelands, K.C. *see* Haskins, P.S. 101036
Neelands, K.E. *see* McKisson, J.E. 101042
Neely, D. *see* Danson, C.N. 85429
Neely, D. *see* Smith, C.G. 107039
Neenan, T.X. *see* Wallow, T.I. 105788
Neer, J.H. *see* Abbott, W.H. 62438
Neeraj Khare, Gupta, A.K., Sangeeta Khare, Gupta, L.C., Nagarajan, R., Hossain, Z., Vijayaraghavan, R. Radio frequency-SQUID effect in YNi_2B_2C due to natural grain boundary weak links 106694
Nees, J. An ultrafast-ultrafine scanning force photoconductive probe 63836
Nees, J., Wakana, S.-I., Hama, S. Ultrafast-ultrafine probing of high-speed electrical waveforms using a scanning force microscope with photoconductive gating 106115
Nees, J. *see* Jiunn-Ren Hwang 116232
Nees, J. *see* Lai, R.K. 106978
Nees, J. *see* Walton, D.T. 96146
Neeser, G. *see* Kleiner, F. 71964
Neeser, S., Schumann, M., Langhoff, H. Improved gain for the Ar^*_2 excimer laser at 126 nm 116304
Nefedov, I.M. *see* Malykin, G.B. 64650
Nefedov, I.S. Wave propagation in a periodic microstrip line on a multilayered anisotropic substrate 116988
Nefedov, I.S., Petrov, V.V. Electromagnetic wave propagation in a periodic microstrip line on the multilayer anisotropic substrate 93671
Nefedov, I.S. *see* Zakharchenko, Y.F. 83742
Nefedov, I.S. *see* Zakharchenko, Yu.F. 74004
Nefedov, Yu.Y. *see* Nagornyi, V.I. 90253
Neff, J., Ye Chen, O'Brien, D. Compact bi-directional optical interconnects using arrays of vertical cavity surface emitting lasers 99033
Neff, J. *see* Berseth, W. 85202
Neff, J.A. Thermal considerations of free-space optical interconnects using VCSEL-based smart pixel arrays 88586
Neff, J.A. *see* Morozov, V.N. 116282
Neff, R.R., Gray, P.R., Sangiovanni-Vincentelli, A. A module generator for high-speed CMOS current output digital/analog converters 61974
Nefkens, B.M.K. *see* Szymanski, J.J. 110589
Negami, S. *see* Kamiya, I. 119162
Negami, T. *see* Hashimoto, Y. 114947
Negami, T. *see* Wada, T. 121895
Neganov, A.B. *see* Anischenko, N.G. 120106
Neganov, A.B. *see* Bazhanov, N.A. 69699
Neganov, A.B. *see* Borisov, N.S. 120104
Negas, T. *see* Vineis, C. 64024
Neger, J. *see* Litscher, G. 110718
Neger, T. *see* Pockl, M. 107076
Neggers, J. *see* Young Bae Jun 113116
Negi, A., Phanidhar, G., Agarwal, A. A correspondence based approach to segmentation and feature extraction in cursive words 87124
Negishi, H. *see* Hirokawa, T. 93803
Negishi, H. *see* Taguchi, A. 117836
Negishi, J. *see* Kaibazawa, H. 98931
Negishi, T. *see* Abe, K. 73378
Negishi, T. *see* Masuda, N. 95388
Negishi, T. *see* Takimoto, Y. 87750
Negishi, T. *see* Yamazaki, S. 69431
Negishi, T. *see* Yamazaki, S. 104250
Negishi, Y., Kawachiya, K., Tago, K. A portable communication system for video-on-demand applications using the existing infrastructure 87930
Negiz, A. *see* Cinar, A. 88938
Negley, G. *see* Edmond, J. 116263
Negnevitsky, M. An expert system application for clearing overloads 80881
Negnevitsky, M. *see* Tan Loe Le 121055
Negodaev, M.A. *see* Bagulya, A.V. 90150
Negoro, M. *see* Arai, F. 67913
Negoro, M. *see* Guo, S. 90557
Negoro, M. *see* Shuxiang Guo 70189
Negoro, Y., Okabe, A., Kano, H., Kagawa, K., Suzuki, A., Yaoi, T., Hayashi, K. Sensitivity analysis of structure in GMR/insulator/SAL sensor 106637
Negoro, Y. *see* Okabe, A. 115712
Negoto, K., Tomiyama, S., Takebe, T. Computational complexity reduction in multi-processor implementation of recursive digital filters by similarity transformation 83217
Negrat, A.M., Macario, R.C.V. Implementation strategy for single-frequency duplex 109481
Negrat, A.M., Macario, R.C.V. Cordless telephones in transition 109483
Negreanu, G. *see* Oprea, I. 91345
Negreira, C. *see* Nunez, I. 111370
Negreira, C.A., Gomez, H., Aulet, A., Eiras, J.A., Bassora, L.A. Analysis of cross-coupling characteristics of piezocomposites 1-3 106367
Negreiros, M., Suzim, A.A., Weihmann, T. An adaptive echo canceller for the transmission of compressed telephone voice 97597
Negrete, R. Time to market [telecommunication service development] 77833
Negrete-Regagnon, P. Practical aspects of image recovery by means of the bispectrum 98029
Negri, A. *see* Haugsjaa, P. 72296
Negri, A.J., Nelkin, E.J., Adler, R.F., Huffman, G.J., Kummerow, C. Evaluation of passive microwave precipitation algorithms in wintertime midlatitude situations 90768
Negri, A.J. *see* Yap, D. 85344
Negri, P. *see* Alvsvaag, S.J. 90124
Negrini, R. *see* Albanesi, M.G. 104607
Negru, E.A. *see* Gagara, L.S. 84044
Negus, K. *see* Hutchinson, C. 68843
Negut, G., Laslau, F. Optimal test intervals for shutdown systems for the Cernavoda nuclear power station 91284
Neher, D. *see* Cimrova, V. 75757

Neher, D. *see* Cimrova, V. 96007
Neher, D. *see* Cimrova, V. 116274
Neher, D. *see* Winkelhahn, H.-J. 85645
Nehir, M.H. *see* Dolan, P.S. 91939
Nehl, T.W., Betts, J.A., Mihalko, L.S. An integrated relative velocity sensor for real-time damping applications 103142
Nehman, G. *see* Sarkis, J. 72188
Nehorai, A. *see* Kah-Chye Tan 66717
Nehorai, A. *see* Porat, B. 69350
Nehrbass, J.W., Jin-Fa Lee, Lee, R. Stability analysis for perfectly matched layered absorbers 97032
Neiberg, L., Casasent, D., Talukder, A. Feature space trajectory neural net classifier: confidences and thresholds for clutter and low contrast objects 98039
Neibig, U. *see* Wolke, S. 70266
Neichi, K. *see* Takamatsu, H. 80041
Neichi, K. *see* Takamatsu, H. 100907
Neichi, M. *see* Hara, H. 100880
Neidert, R.E. *see* Krowne, C.M. 93739
Neidhard, B. *see* Metze, G. 114291
Neidhardt, A. *see* Lakshman, T.V. 87802
Neifeld, M.A., McDonald, M. Optical design for page access to volume optical media 64631
Neifeld, M.A., McDonald, M. Technique for controlling cross-talk noise in volume holography 96832
Neifer, R. *see* Spanner, M. 71195
Neikirk, D.P. *see* Gupta, V. 79366
Neikirk, D.P. *see* Kim, S. 93018
Neikirk, D.P. *see* Youngmin Kim 79505
Neil, C. Smart battery power: the next major advance for portable systems 91638
Neil, G. *see* Benson, S.V. 96445
Neil, G. *see* Liu, H. 90083
Neil, G. *see* Merminga, L. 100625
Neil, G. *see* Neuffer, D.V. 79877
Neil, G.R. A cost estimation model for high power FELs 76068
Neil, G.R. *see* Benson, S.V. 107358
Neil, G.R. *see* Dylla, H.F. 76067
Neil, G.R. *see* Kelley, M.J. 107359
Neil, M.A.A. *see* Broomfield, S.E. 64818
Neilsen, M.L. *see* Mizuno, M. 108831
Neilson, D.T. *see* Walker, A.C. 85336
Neilson, I. *see* Charlton, C. 118445
Neilson, J.M. *see* Felch, K. 105035
Neilson, P.E. Providing hands on experience at Moneypoint [power station control simulator] 102459
Neimash, V.B. *see* Kabaldin, A.N. 105100
Neira, J., Horn, J., Tardos, J.D., Schmidt, G. Multisensor mobile robot localization 79714
Neira, L.Rebollo *see* Rebollo Neira, L.
Neis, E. *see* Adams, M. 110591
Neisser, J. *see* Engelbart, D. 90761
Neisvestnyi, I.G. *see* Yanovitskaya, Z.S. 104007
Neitzel, M. *see* Xiaoming Wang 106391
Neitzert, H.C. *see* Montangero, P. 95989
Neizvestnyi, I.G. *see* Bogdanov, A.G. 63730
Nejad, H. *see* Mathine, D.L. 85501
Nejedly, Z. *see* Kral, J. 100385
Nejim, A., Cristiano, F., Hemment, P.L.F., Hope, D.A.O., Glasper, J.L., Pickering, C., Leong, W.Y., Robbins, D.J. A study of base contact formation in epitaxial Si/Si$_{0.88}$Ge$_{0.12}$ HBT structures 94928
Nejim, A. *see* Cristiano, F. 92756
Nejim, A. *see* Frangis, N. 94711
Nejime, Y., Aritsuka, T., Imamura, T., Ifukube, T., Matsushima, J. A portable digital speech-rate converter for hearing impairment 80486
Nekhoul, B., Labie, P., Zgainski, F.X., Meunier, G., Morillon, F., Bourg, S. Calculating the impedance of a grounding system 70988
Neki, K. *see* Kurokawa, Y. 73454
Nekrasov, A. *see* Nekrasov, G. 95872
Nekrasov, G., Nekrasov, A., Davidovich, T., Serak, S. Modulation of the energy coefficient of reflection from glass-ferroelectric smectic C interface in electric field 95872
Nekrasov, V.P. *see* Belyaev, B.I. 111114
Nekrasov, V.P. *see* Belyaev, B.I. 111204
Nelander, A. Spectral description of polarimetric radar 68584
Nelder, J.A. *see* Hua Su 60546
Neleo, C. *see* Evtukh, A.A. 83716
Nelep, C. *see* Evtukh, A.A. 73957
Nelin, N.A. Wideband rejection transversal filters 114059
Nelin, Y.A. Phase weighting of reflecting gratings 116860
Nelkin, E.J. *see* Negri, A.J. 90768
Nellas, V. *see* Mitrou, N. 118208
Nellemann, P., Hines, H., Braymer, W., Muehllehner, G., Geagan, M. Performance characteristics of a dual head SPECT scanner with PET capability 101337
Nellen, P.M., Bronnimann, R., Sennhauser, U., Askins, C.G., Putnam, M.A. Strain measurements on concrete beam and carbon fiber cable with distributed optical fiber Bragg grating sensors 119706
Nellen, R. *see* Brauksiepe, S. 100815
Neller, A.L. *see* Saltzberg, M.A. 65899
Nelles, D. *see* Dilger, R. 111559
Nelles, D. *see* Machowski, J. 101819
Nelli, P. *see* Di Natale, C. 119765
Nelli, P. *see* Ferroni, M. 119757
Nelli, P. *see* Sberveglieri, G. 69370
Nelli, P. *see* Sberveglieri, G. 72886
Nelligan, T.J. *see* Fowler, K.A. 119879
Nellis, W.J. *see* Chaua, R. 84793
Nelms, R.M. *see* Boudreaux, R.R. 71557
Nelms, R.M. *see* Hung, J.Y. 71516
Nelms, R.M. *see* Spyker, R.L. 62382
Nelson, A. MDA the modern way 73883
Nelson, A., Lechner, W., Blanchard, W., Tytgat, L. Development of the European radio navigation plan 68758
Nelson, A.J., Gabor, A.M., Contreras, M.A., Mason, A., Asoka-Kumar, P., Lynn, K.G. Relation of polycrystalline Cu(In,Ga)Se$_2$ device efficiency with junction depth and interfacial structure [solar cells] 103011
Nelson, B., Cripps, S., Kenney, J.S., Podell, A.F. A high-efficiency single-supply RFIC PHS linear power amplifier with low adjacent channel power leakage 82964
Nelson, B., Stutzman, W.L. Fade slope on 10 to 30 GHz Earth-space communication links—measurements and modelling 107907
Nelson, B.A. *see* Hoyt, R.P. 113432
Nelson, B.J., Khosla, P.K. Force and vision resolvability for assimilating disparate sensory feedback 119717
Nelson, B.P. *see* Mahan, A.H. 112341
Nelson, C. *see* Johnson, T.K. 120349
Nelson, C.L., Fitzgerald, D.S. Sensor fusion for intelligent alarm analysis 117521
Nelson, D. *see* Fieguth, T. 100708
Nelson, D. *see* Lawrence, C. 79451
Nelson, D.H. *see* Petrin, R.R. 110428
Nelson, D.H. *see* Petrin, R.R. 111116
Nelson, E. *see* Van Hove, J.M. 103878
Nelson, E.C. *see* Ponce, F.A. 114714
Nelson, G. *see* Kieffer, J. 66634
Nelson, J. *see* Bames, J. 74367
Nelson, J. *see* Barnham, K. 102982
Nelson, J. *see* Conway, T. 73419
Nelson, J. *see* Mitts, H. 78541
Nelson, J. *see* Tsui, E. 116236
Nelson, J. *see* Worley, L. 82835
Nelson, J.A. Meeting the microsectioning challenges imposed by printed wiring board fine hole technology 93986
Nelson, J.A. *see* Yuan, C. 69989
Nelson, J.K. *see* dela Cova, J. 100881
Nelson, J.K. *see* Palmer, J.A. 121546
Nelson, J.S. *see* Anvari, B. 101410
Nelson, J.S. *see* Milner, T.E. 101081
Nelson, L.E. *see* Lenz, G. 116413
Nelson, M. *see* Karpenko, V. 89695
Nelson, M.B. *see* Friedman, A. 89692
Nelson, M.D. *see* Grayson, T.P. 76101
Nelson, M.E. *see* Cassata, J.R. 120555
Nelson, M.J. *see* Oxenham, M.G. 117352
Nelson, M.R. Data compression with the Burrows Wheeler transform 97534
Nelson, M.T. A clinician's view of digital mammography 110820
Nelson, P.A. PC-compatible busless single-board computers 61935
Nelson, P.A. *see* Kirkeby, O. 117303
Nelson, P.R., Chu, P.B., Pister, K.S.J. Optical methods for characterization of MEMS device motion 74904
Nelson, P.R. *see* Chu, P.B. 84632
Nelson, P.R. *see* Ho, J.G. 100005
Nelson, R. *see* Brown, C. 67474
Nelson, R. *see* Jagersand, M. 67315
Nelson, R. *see* Null, C. 90875
Nelson, R. *see* Polana, R. 77331
Nelson, R.J., Bian, J., Ramey, D.G., Lemak, T.A., Rietman, T.R., Hill, J.E. Transient stability enhancement with FACTS control 70839
Nelson, R.J. *see* Bian, J. 121054
Nelson, R.J. *see* Ramsay, S.M. 70877
Nelson, S. *see* Wu, X.D. 100103
Nelson, S.D. *see* Lichorwic, D.J. 70137
Nelson, S.O., Bartley, P.G., Jr., Lawrence, K.C. Measuring RF and microwave permittivities of stored-grain insects 119850
Nelson, S.O. *see* Kraszewski, A.W. 99658
Nelson, S.O. *see* Krazewski, A.W. 110329
Nelson, S.R. *see* Sweder, J. 83467
Nelson, T. *see* Dowden, R. 90813
Nelson, T. *see* Dowden, R.L. 107881
Nelson, T. *see* Newsom, L. 119469
Nelson, T.R. *see* Omenetto, F.G. 96211
Nelson, T.R., Jr *see* Wick, D.V. 96576
Nelson, W.H. *see* Chlamtac, I. 78735
Nelson, W.L. *see* Kashi, R.S. 117754
Nelson, W.R. *see* Cremer, T. 96560
Nelson, W.R. *see* Liu, J.C. 90232
Nelson, W.R. *see* Tatchyn, R. 96526
Nelvagal, S.S. *see* Kumar, R. 118144
Nemani, M., Najm, F.N. Towards a high-level power estimation capability [digital ICs] 73187
Nemanic, V., Meznar, L.Z., Zumer, M. SVGA-compatible 1-in. CRT 89401
Nemanic, V. *see* Meznar, L.Z. 89400
Nemanich, R.J. *see* Aldrich, D.B. 74618
Nemanich, R.J. *see* Bozeman, S.P. 83720
Nemanich, R.J. *see* Edwards, A.M. 83975
Nemanich, R.J. *see* Ja-Hum Ku 114948
Nemanich, R.J. *see* Smith, L.L. 74568
Nemati, B., Rylander, H.G., III, Welch, A.J. Optical properties of conjunctiva, sclera, and the ciliary body and their consequences for transscleral cyclophotocoagulation 101411
Nemati, B. *see* Asner, D. 90163
Nemchinsky, V.A. The effect of the type of plasma gas on current constriction at the molten tip of an arc electrode 71945
Nemchinsky, V.A. Life time of a refractory cathode doped with a work-function-lowering dopant 104999
Nemcsics, A., Olde, J., Geyer, M., Schnurpfeil, R., Manzke, R., Skibowski, M. MBE growth of strained In$_x$Ga$_{1-x}$As on GaAs(001) 92727
Nemenov, M.I., Avrutin, E.A. Multimode semiconductor lasers: the simplest light sources for holography? 96247
Nemes, L., Toth, G., Roska, T., Radvanyi, A. Analogic CNN algorithms for 3D interpolation-approximation and object rotation using controlled switched templates 86329
Nemesh, I. *see* Simonov, K.V. 81291
Nemeth, P. *see* Kovacs, B. 95075
Nemeth, P. *see* Mojzes, I. 92312
Nemeth, S., Vesely, M., Barna, P.B. Monte Carlo simulation of aluminium crystal growth with carbon atoms in vapour deposited thin films 103919
Nemeth-Csoka, M. Open-loop speed calculation in stator-fixed reference frame 71301
Nemirovsky, Y. *see* Goren, D. 114693
Nemoshkalenko, V. *see* Bulyak, E. 80149
Nemosntalenko, V. *see* Karnaukhov, I. 79776
Nemoto, H. *see* Matsuoka, Y. 115388
Nemoto, H. *see* Oshima, T. 61672
Nemoto, I. *see* Matsushima, T. 121870
Nemoto, K., Fujii, T., Goto, N. Phase retrieval characteristics of Fresnel pairs by error-reduction method 107437
Nemoto, K., Fujii, T., Goto, N., Nayuki, T., Kanai, Y. Experimental study on transformation of laser beam intensity distribution by deformable mirrors 76088
Nemoto, K., Kishikawa, A., Kamijo, H. Emergency demagnetization of a superconducting coil on a moving Maglev vehicle 91866
Nemoto, K. *see* Fujii, T. 96174
Nemoto, T., Karasawa, K., Hirasawa, H., Tanomoto, K. Wireless modem 109275
Nemoto, T. *see* Nogami, T. 63480
Nemoto, T. *see* Nogami, T. 115006
Nemoto, T. *see* Saitoh, Y. 80027
Nemoto, T. *see* Saitoh, Y. 100838
Nemoto, T. *see* Tsuboyama, T. 100836
Nemoto, Y. *see* Chan-Hyun Youn 78188
Nemoto, Y. *see* Koizumi, T. 65901
Nemoto, Y. *see* Mansfield, G. 87595
Nemoto, Y. *see* Ohba, Y. 62175
Nemoto, Y. *see* Ohta, K. 109234
Nemoto, Y. *see* Shodai, T. 81677
Nemouchi, Y., Mathieu, Y., Havet, C. New architectural approach for implementing multipredictive block-matching algorithms 86575
Nemov, A.V. *see* Dobyrn, V.V. 68566
Nemov, S.A. *see* Zykov, V.A. 62786
Nemov, Yu.N. *see* Demirchyan, K.S. 97007
Nemoz, C. *see* Benotto, F. 69866
Nemunaitis, G. *see* Hefzy, M.S. 101437
Nemura, A., Nargelas, A. Updating automated control of Lithuanian power system 101883
Nemzek, R.J. *see* MacKerrow, E.P. 109804
Nen, C., Schmitt, W., Karakaxis, K., Manias, S.N. Adaptive control system for a field-oriented induction motor drive 71777
Nen-Fu Huang, Chung-Ching Chiou, Gin-Kou Ma, Chiung-Shien Wu A new architecture to support circuit emulation services on ATM networks 77645
Nen-Fu Huang, Rui-Chi Wang, Tzung-Pao Lin The link allocation problem on ATM-based personal communication networks 88162
Nen-Fu Huang, Shiann-Tsong Sheu A wavelength reusing/sharing access protocol for multichannel photonic dual bus networks 68467
Nenchev, M. *see* Deneva, M. 65404
Nene, S.A., Nayar, S.K. Closest point search in high dimensions 86465
Nene, S.A. *see* Nayar, S.K. 86769
Nene, S.A. *see* Nayar, S.K. 117566
Nener, B.D., Bull, H.T., Burfield, G., Bendall, I. Near sea surface infra-red transmission experiments 69265
Nener, B.D. *see* Fynn, K.A. 69151
Nener, B.D. *see* Musca, C.A. 69154
Nener, B.D. *see* Siliquini, J.F. 69150
Nener, B.D. *see* Siliquini, J.F. 69152
Neng-Chung Hu, Shyan-Wen Luoh Adaptive discrete cosine transform based image coding 77099
Nengzheng Hu *see* Hu Nengzheng
Nenkova, B., Manchev, B. Analysis and evaluation of complex systems technological risk 92330
Nenkova, B.G. *see* Petrov, J.K. 92143
Nennewitz, O. *see* Baumann, U. 105264
Nennewitz, O. *see* Spiess, L. 105473
Nenonen, J., Montonen, J., Katila, T. Thermal noise in biomagnetic measurements 80361
Nenov, I., Nedelchev, N., Hill, R.J. Railway track circuit optimisation using two-port network analysis 112542
Nenov, K.P., Latanision, R.M. Lifetime prediction for polyimide/metal structures immersed in 0.5 M NaCl 60621

Neo, C.P., Leong, M.S. Monostatic RCS performance of a thin cylinder with central loading 97089
Neo, S. *see* Ueda, T. 111677
Neo, S. *see* Ueda, T. 112036
Neo, Y. *see* Yokoo, K. 83714
Neogi, A. Effect of cubic nonlinearities on the sum-frequency generation process in asymmetric quantum wells 107536
Neogi, R. *see* Paul, A.K. 122113
Neogi, S. A modified flexible iterative model for the performance evaluation of slow speed wind turbines for water pumping 71201
Neophytou, C. *see* Gupta, G. 88003
Neophytou, C.P. *see* Krishnan, M. 97619
Nepa, P., Manara, G., Pelosi, G. A UTD solution for the diffraction at an edge in a planar anisotropic impedance surface: oblique incidence case 116841
Nepa, P. *see* Manara, G. 65804
Nepa, P. *see* Manara, G. 76409
Nepa, P. *see* Pelosi, G. 107869
Nepveux, F.J., IV Basic harmonic calculations 90959
Neramzadeh, R. *see* Zerrouk, B. 98515
Nerem, A. *see* Roshal, A. 102884
Neri, A. Optimal detection and estimation of straight patterns 67090
Neri, A., Colonnese, S. Affine warping using H263 overlapped motion compensation with proper weighting coefficients 86580
Neri, A. *see* Rizzoli, V. 62218
Neri, B. *see* Bagnoli, P.E. 94824
Neri, B. *see* Ciofi, C. 94847
Neri, B. *see* Ciofi, C. 106148
Neri, B. *see* Ciofi, C. 115034
Neri, F. *see* Ajmone Marsan, M. 87464
Neri, F. *see* Barlow, D.B. 90056
Neri, F. *see* Marsan, M.A. 78907
Neri, F. *see* Marsan, M.A. 98640
Neri, J.M. *see* Hinshelwood, D.D. 69638
Neri, J.M. *see* Young, F.C. 120123
Nerino, R. *see* Picotto, G.B. 69078
Nerino, R. *see* Picotto, G.B. 79334
Neris, A.S., Giannakopoulos, G.B., Vovos, N.A. Autonomous wind turbine supplying a reverse osmosis desalination unit 71962
Nerius, K. *see* Marquart, B. 70386
Nerius, K.J. Comanche modular controls and displays system 70385
Nersessian, G., Kaiser, M. Modeling critical overloading in 1-3, 6, and 10 kV power cables 121153
Nervi, M. *see* Alotto, P. 65661
Nervi, M. *see* Alotto, P. 65694
Nervi, M. *see* Alotto, P. 92433
Nervi, M. *see* Alotto, P. 96951
Nervi, M. *see* Alotto, P. 96991
Nervi, M. *see* Girdinio, P. 65674
Nervo, G. *see* Parente, F. 118226
Nerys, J.W.L. *see* de Azevedo, H.R. 70692
Nesbitt, A. *see* Hyde, J.R. 84699
Nese, M., Bernstein, R.W., Johansen, I.-R., Spooren, R. New method for testing hermeticity of silicon sensor structures 88994
Nesemann, H., Brefeld, W., Brinker, F., Decking, W., Kaul, O., Sarau, B. DORIS III as a dedicated source for synchrotron radiation 79867
Nesemann, H. *see* Decking, W. 89828
Nesetril, J. *see* Hell, P. 103620
Neshev, D. *see* Velchev, I. 107604
Neshyba, S.P. *see* Galkin, I.A. 120760
Nesi, P. *see* del Bimbo, A. 67084
Nesic, A., Jovanovic, S., Radnovic, I. Integrated uniplanar oscillator-transmitter and mixer with active antennas 93919
Nesic, L. *see* Gradisar, L. 91319
Neskovic, G. *see* Rakic, M. 102000
Neskovic, N. *see* Petrovic, S. 114553
Nesladek, M., Meykens, K., Stals, L.M., Quaeyhaegens, C., D'Olieslaeger, M., Wu, T.D., Vanecek, M., Rosa, J. Investigation of n-doping in CVD diamond using gap states spectroscopy 94693
Nesladek, M. *see* Meykens, K. 92741
Nesmelov, S.N. *see* Davydov, V.N. 114821
Nesnidal, M. *see* Mawst, L.J. 65314
Nesnidal, M.P., Mawst, L.J., Bhattacharya, A., Botez, D., DiMarco, L., Connolly, J.C., Abeles, J.H. Single-frequency, single-spatial-mode ROW-DFB diode laser array 65311
Nesnidal, M.P. *see* Bhattacharya, A. 65312
Nesnidal, M.P. *see* Mawst, L.J. 96253
Nespurek, S. Photoconductive polymers and their use in molecular devices 106939
Nespurek, S. *see* Krivka, I. 72970
Ness, J.B. *see* Ashoka, H. 78586
Nesset, D. *see* Rogers, D.C. 78692
Nesset, D. *see* Street, M.W. 116566
Nessyahu, H. Convergence rate of approximate solutions to weakly coupled nonlinear systems 61070
Nestares, O. *see* Navarro, R. 66984
Nesterenko, L.P. *see* Solodukha, A.M. 93169
Nesterenko, M. *see* Mizuno, M. 87427
Nesterenko, S.N. *see* Kuznetsova, R.T. 116394
Nesterenko, S.N. *see* Kuznetsova, R.T. 116395
Nesterenko, V.F. *see* Gulev, V.S. 107208
Nesterov, E.V. *see* Lisichkin, A.L. 89475
Nesterov, N. *see* Kushin, V. 79805
Nesterov, V.K. *see* Agranov, G.A. 119726
Nesterov, V.V., Donaldson, A.R. High current high accuracy IGBT pulse generator 83000
Nesterov, V.V. *see* Buklerskii, A.V. 101506
Nesterovich, A. *see* Shalnov, A. 89597
Nesterovich, A. *see* Shalnov, A. 89730
Nesti, G., Fortuny, J., Sieber, A.J. Comparison of backscattered signal statistics as derived from indoor scatterometric and SAR experiments 111158
Nesvizhskii, A.I. *see* Ivchenko, E.L. 65390
Netamzadeh, R. *see* Marbot, R. 78055
Nethe, A. Eddy current losses at induction heating 82005
Nethe, A., Stahlmann, H.-D. Force effects on ferrofluids 75130
Netiksis, V., Juodkazis, S., Petrauskas, M., Honerlage, B., Levy, R., Ding, Y. Near band-gap nonlinearities of ZnSe crystals 65534
Neto, A.D.D. *see* Yagoub, M.C.E. 93830
Neto, A.Gomes *see* Gomes Neto, A.
Neto, A.Medeiros *see* Medeiros Neto, A.
Neto, E.C. *see* Santos, R.P.P. 121100
Neto, J. *see* Lopes, J.A.P. 101974
Neto, J.A.Medeiros *see* Medeiros Neto, J.A.
Neto, J.De.M.M. *see* Drummond, M. 91075
Neto, J.S., Neto, S.doN., Nascimento, F.A.deO. Dynamic bit allocation in image coding using a Self-Organizing Map with Learning Vector Quantization 97445
Neto, J.S.R. *see* Oliveira, A. 110108
Neto, L.G., Roberge, D., Yunlong Sheng Full-range, continuous, complex modulation by the use of two coupled-mode liquid-crystal televisions 95850
Neto, L.Goncalves *see* Goncalves Neto, L.
Neto, L.M. *see* Salerno, C.H. 103178
Neto, P.A.Maia *see* Maia Neto, P.A.
Neto, S.do Nascimento *see* do Nascimento Neto, S.
Neto, S.doN. *see* Neto, J.S. 97445
Neto, S.F.De Campos *see* De Campos Neto, S.F.
Neto, S.P.X. *see* de Oliveira, A.J.B. 93769
Neto, S.P.X. *see* de Oliveira, A.J.B. 100299
Neto, V.P., Corso, V., Fischer, R.A., Finardi, C.A., Giannini, F. A low power consumption GaAs MMIC transimpedance amplifier for 2.5 Gb/s optical receivers 93927
Neto, V.P. *see* Finardi, C.A. 93925
Netravali, A.N. *see* Bruckstein, A.M. 86351
Netravali, A.N. *see* Holt, R.J. 77264
Netravali, A.N. *see* Holt, R.J. 86347
Nett, D. *see* Whitham, K. 79804
Nett, D. *see* Whitham, K. 89719
Nett, E. *see* Jia, W. 87446
Nett, E. *see* Weijia Jia 77752
Netter, A. *see* Schilpp, M. 119441
Netti, M.C., Lepore, M., Adinolfi, A., Tommasi, R., Catalano, I.M., Vanzetti, L., Sorba, L., Franciosi, A. Excitonic properties in Zn$_{1-x}$Cd$_x$Se/ZnSe multiquantum well structures by one- and two-photon spectroscopy 105346
Netti, M.C. *see* Lepore, M. 74362
Netto, S.L., Agathoklis, P. Extension of the equation error scheme for alternative realizations of adaptive IIR filters 97691
Netto, S.L., de Campos, M., Antoniou, A., Agathoklis, P. A stable RLC parameterization of the direct structure for adaptive IIR filters 73567
Netzer, F.P. *see* Kraft, J. 94754
Netzler, D. *see* Ehrich, M. 65698
Neu, G. *see* Triboulet, R. 74183
Neu, W. *see* Mitchell, B. 77824
Neubauer, B. *see* Litz, M.T. 74160
Neubauer, M., Fant, K., Hodgson, J., Judkins, J., Schwarz, H., Rimmer, R.A. High-power RF window and coupler development for the PEP-II B factory 100686
Neubauer, M. *see* Kroll, N.M. 100665
Neubauer, M. *see* Pendleton, R. 100685
Neubauer, N. *see* Geiger, M. 116597
Neubauer, R.E. Continuous field components at FE-interfaces due to complex magnetic scalar potential 65618
Neubauer, W. Personal communication services (PCS)–homogeneous interaction between mobile radio networks 88256
Neubelt, M.J. *see* Mollenauer, L.F. 88645
Neuberger, W. *see* Dowling, D.P. 84963
Neuberta, M., Jacobs, K., Krause-Rehberg, R., Abgarjan, T., Gille, P., Hoerstel, W. Mercury vacancy equilibria in Hg$_{1-x}$Cd$_x$Te 74136
Neudeck, G.W., Spitz, J., Chang, J.C.H., Denton, J.P., Gallagher, N. Precision crystal corner cube arrays for optical gratings formed by (100) silicon planes with selective epitaxial growth 92683
Neudeck, G.W. *see* Denton, J.P. 115213
Neudeck, G.W. *see* Sherman, J.M. 63412
Neudeck, G.W. *see* Watts, J.S. 84394
Neudeck, P.G., Fazi, C. High-field fast-risetime pulse failures in 4H- and 6H-SiC pn junction diodes 94894
Neudeck, P.G. *see* Hunter, G.W. 110273
Neudeck, P.G. *see* Ramungul, N. 105887
Neudeck, P.G. *see* Saddow, S.E. 104048
Neudeck, P.G. *see* Yoganathan, M. 94477
Neuens, C.M. *see* Warnquist, M.A. 90638
Neuenschwander, H. *see* Volken, W. 90596
Neuenschwander, J. *see* Fritz, D. 90190
Neuenschwander, P., Maurer, D., Rychlicki, L. Long-term wear monitoring and wear prediction by means of wear models 109983
Neuenschwander, P. *see* Weder, Ch. 85650
Neuenschwander, W., Fua, P., Szekely, G., Kubler, O. Making snakes converge from minimal initialization 77181
Neuf, D. Extended dynamic range mixers 113809
Neufeld, A. *see* Irwin, G.D. 111490
Neufeld, G., Makaroff, D., Hutchinson, N. Design of a variable bit rate continuous media file server for an ATM network 87992
Neufeld, G., Makaroff, D., Hutchinson, N. The design of a variable bit rate continuous media server 119406
Neuffer, D., Douglas, D., Li, Z., Garren, A., Cornacchia, M. Beam transport design for a recirculating-linac FEL driver 96494
Neuffer, D. *see* Benson, S.V. 96445
Neuffer, D. *see* Benson, S.V. 107358
Neuffer, D. *see* Dylla, H.F. 76067
Neuffer, D. *see* Liu, H. 90083
Neuffer, D. *see* Liu, H. 100705
Neuffer, D. *see* Palmer, R.B. 79798
Neuffer, D.V., Benson, S., Bisognano, J., Douglas, D., Dylla, H.F., Kehne, D., Fugitt, J., Jordan, K., Li, Z., Lui, H.-X., Merminga, L., Neil, G., Shinn, M., Sinclair, C., Wiseman, M., Cornacchia, M. Accelerator design for the high-power industrial FEL 79877
Neufield, G., Ito, M. *(editors)* Protocols for High Speed Networks IV 112727
Neugebauer, F. *see* Heimbrodt, W. 74231
Neugebauer, J., Gotz, W., Van de Walle, C.G. Hydrogen diffusion and complex formation in GaN 114628
Neugebauer, J. *see* Van de Walle, C.G. 74529
Neugroschel, A., Chih-Tang Sah, Carroll, M.S. Degradation of bipolar transistor current gain by hot holes during reverse emitter-base bias stress 94911
Neugroschel, A., Chih-Tang Sah, Ford, J.M., Steele, J., Tang, R., Stein, C. Comparison of time-to-failure of GeSi and Si bipolar transistors 63586
Neugroschel, A., Sah, C.-T., Ford, J.M., Steele, J., Tang, R., Stein, C., Welch, P., Watanabe, J. Performance comparison analysis of GeSi and Si bipolar transistors 74706
Neuhalfen, A.J. Miniaturization of circuit protection devices to meet surface mount applications 93985
Neuhofer, G. *see* Bergauer, H. 69856
Neuhoff, D.L. Why vector quantizers outperform scalar quantizers on stationary memoryless sources 66225
Neuhoff, D.L. *see* Chia-Yuan Teng 86743
Neuhoff, D.L. *see* Hui, D. 66435
Neuhoff, D.L. *see* Khayrallah, A.S. 66320
Neuhoff, D.L. *see* Khayrallah, A.S. 66383
Neuhoff, D.L. *see* Ribas-Corbera, J. 86511
Neuhoff, D.L. *see* Ribas-Corbera, J. 86577
Neuhoff, D.L. *see* Slyz, M.J. 86732
Neuhold, G. *see* Wolfframm, D. 82592
Neukirch, U., Weckendrup, D., Hommel, D. Coherent dynamics of free and bound excitons in strained ZnSe epilayers 74252
Neukirch, U. *see* Wundke, K. 74242
Neumaier, A. *see* Kaufman, L. 80275
Neuman, C. *see* Carman, T.S. 110634
Neuman, K.C. *see* Farkas, G. 107515
Neuman, W.A. OPO performance with an aberrated input pump beam 96695
Neuman, W.A. *see* Webb, M.S. 96697
Neumann, D. Adaptronik–the German governmental activities in the field of smart structures 82785
Neumann, G., Hempelmann, U., Mrozynski, G. A new integrated optical-mode stripper configuration: Numerical analysis and design 75569
Neumann, G. *see* Heinrich, F. 79610
Neumann, G. *see* Heinrich, F. 89278
Neumann, H. *see* Zeuner, M. 100787
Neumann, H.B., Schneider, J.R., Suessenbach, J., Stock, S.R., Rek, Z.U. Si-TaSi$_2$ in situ composites: a new monochromator material for hard X-rays 69903
Neumann, J. *see* Touzel, J. 114361
Neumann, K.-H. *see* Mitchell, B. 77824
Neumann, M. *see* Rupp, R.A. 116776
Neumann, N., Kohler, R., Hofmann, G. Infrared sensor based on the monolithic structure Si-P(VDF/TRrFE) 110156
Neumann, R. *see* Davidov, D. 64962
Neumann, R. *see* Kraus, R. 93520
Neumann, R. *see* Swirhun, S. 119223
Neumann, S. *see* Hummelsheim, H. 80417
Neumann-Spallart, M. *see* Ponomarev, E.A. 113402
Neumark, G.F. *see* Kothandaraman, C. 74209
Neumayer, B., Zimmermann, R. A violator proof multilane toll collection system 78380
Neumeier, K., Bruemmer, H.P. A systematic investigation of the influence of processing parameters on the radiation hardness of reoxidized nitrided oxides 105685
Neumeier, K. *see* Weber, J. 89047
Neumeyer, C., Bronner, G., Lu, E., Ramakrishnan, S. Quench protection circuits for superconducting magnets 106711
Neumeyer, C., Bronner, G., Lu, E., Ramakrishnan, S. TPX power supply design and performance 112079
Neumeyer, C. *see* Lu, E. 102669
Neumeyer, C. *see* Roshal, A. 102884
Neumeyer, L.G. *see* Digalakis, V.V. 86151
Neumuller, H.-W. *see* Schuster, T. 106674

Neunast, K. *see* Abramowski, S. 98888
Neupane, S. *see* Cerron Zeballos, E. 69786
Neupane, S. *see* Cerron Zeballos, E. 90141
Neuper, Ch. *see* Kalcher, J. 120535
Neureuther, A.R., Wang, R.H., Helmsen, J.J., Sefler, J.F., Scheckler, E.W., Gunturi, R., Winterbottom, R. 3D topography simulation using surface representation and central utilities 74814
Neureuther, A.R. *see* Zungia, M. 105764
Neurgaonkar, R.R., Cory, W.K., Oliver, J.R., Eknoyan, O., Taylor, H.F. Ferroelectric tungsten bronze crystals for guided-wave optical applications 116087
Neurgaonkar, R.R. *see* Bai, Y.S. 64591
Neurgaonkar, R.R. *see* Marx, J.M. 85064
Neurohr, K. *see* Uhlisch, D. 105455
Neuroth, M. *see* Stronach, A.F. 103058
Neuroth, M. *see* Vas, P. 91821
Neuroth, M. *see* Vas, P. 103059
Neuroth, M. *see* Vas, P. 121921
Neuts, M.F. *see* Widjaja, I. 87349
Neutze, R.J., Stedman, G.E., Bilger, H.R. Reanalysis of Laub drag effects in a ring cavity 107423
Neuvo, Y. *see* Tang, K. 98094
Neva, C. *see* De Munari, I. 113755
Nevala, K. Control of the hydraulic servo cylinder based on the correlation between the valve control and velocity of the cylinder piston 100307
Nevalainen, O. *see* Franti, P. 98309
Nevalainen, O. *see* Johnsson, M. 92165
Nevalainen, O. *see* Kaukoranta, T. 97538
Nevanlinna, O. Meromorphic resolvents and power bounded operators 103753
Nevatia, R., Price, K., Medioni, G. USC image understanding research: 1993-1994 67472
Nevatia, R. *see* Chung, R. 77465
Nevatia, R. *see* Kim, D. 77321
Nevatia, R. *see* Zerroug, M. 77168
Nevatia, R. *see* Zerroug, M. 117677
Nevdakh, V.V., Gaiko, O.L., Orlov, L.N. New operation regimes of a CO_2 laser with intracavity saturable absorber 75817
Neve, H.De *see* De Neve, H.
Neve, J., Pocchiola, Y., Tasso, J.P. Aerospatiale compact range performance in Ku band 66031
Neve, J.J.L., Plasschaert, A.W.A. Application of manufacturing message specification for flexible manufacturing system control 98636
Neve, M.J., Rowe, G.B., Sowerby, K.W., Williamson, A.G. On the investigation of radiowave propagation mechanisms for future wireless communications services planning 107919
Neve, M.Le *see* Le Neve, M.
Nevels, R.D. *see* Mamishev, A.V. 91197
Nevers, J.A. *see* Lear, K.L. 96311
Neves, B. Controlled impedance and time domain reflectometry (TDR) 114417
Neves, B.R.A., Alves, E.S., Sampaio, J.F., de Oliveira, A.G., Moreira, M.V.B. Self-induced persistent photoconductivity in resonant tunneling devices 94874
Neves, B.R.A., Sampaio, J.F., Alves, E.S., Moreira, M.V.B., de Oliveira, A.G. Evidence for the coexistence of two- and three-dimensional electron gases in the emitter of double barrier devices 114702
Neves, B.R.A. *see* Beton, P.H. 62982
Neves, C.G.C. *see* Sadowski, N. 71797
Neves, J. *see* Dinis, M. 68261
Neves, J. *see* Dinis, M. 109419
Neves, J. *see* Fernandes, J. 68234
Neves, J. *see* Santos, V. 68192
Neves, J.A.Campos *see* Campos Neves, J.A.
Neves, J.L., Friedman, E.G. Design methodology for synthesizing clock distribution networks exploiting nonzero localized clock skew 62001
Neves, J.L., Friedman, E.G. Optimal clock skew scheduling tolerant to process variations 82873
Neves, M.V.Guerreiro das *see* Guerreiro das Neves, M.V.
Neves, N., Fuchs, W.K. Using time to improve the performance of coordinated checkpointing 108847
Neves, N., Nguyen, A.-T., Torres, E.L. A study of a non-linear optimization problem using a distributed genetic algorithm 92567
Neves, R.F., Petraglia, A., Mitra, S.K., Franca, J.E. A new mixed analog-digital architecture for high-frequency narrow bandwidth channel digitization 114140
Neves, W.L.A., Dommel, H.W. Transformer core modelling 112039
Neves De Carvalho, A.M. How an utility can select an open EMS–using a fast track approach 90990
Nevesely, M. *see* Spaldonova, D. 115466
Nevet, H.de *see* de Nevet, H.
Neviani, A. *see* Asti, S. 115162
Neviani, A. *see* Zanoni, E. 63760
Neviere, M. *see* Popov, E. 107544
Nevirkovets, I.P., Doderer, T., Laub, A., Blamire, M.G., Evetts, J.E. Investigation of dc Josephson current distribution in double-barrier three-terminal devices with a thin middle superconducting layer 95507
Nevmerzhytska, O. *see* Gotra, Z. 100216
Nevo, Y. *see* Lisenker, B. 96928
Nevriva, M. *see* Hejtmanek, J. 106657
Nevski, P. *see* Akesson, T. 69833
New, D.A. *see* Garnier, J.-P. 83724
New, R.M.H., Pease, R.F.W., White, R.L. Lithographically patterned single-domain cobalt islands for high-density magnetic recording 106517
New, R.M.H. *see* Gomez, R.D. 84794
Newberg, I.L. *see* Coppinger, F. 95940
Newbold, D. *see* Mueller, U. 69711
Newborough, M. *see* Mansouri, I. 112617
Newbould, R. *see* Jarrett, C.P. 62698
Newbury, J. A communication infrastructure for South Western Electricity 101786
Newbury, J. Development for the electric utilities networks towards the national information infrastructure 101787
Newbury, R. *see* Dunford, R.B. 105287
Newcomb, R.M. *see* Knutrud, P.C. 115699
Newcomb, R.M. *see* Singh, B. 115073
Newcomb, R.W. *see* Sellami, L. 62043
Newcomb, T.P. *see* Fieldhouse, J.D. 85727
Newcomer, F.M. *see* Bevensee, B. 90220
Newcomer, F.M. *see* Bevensee, B. 100952
Newcomer, J.W. *see* Haller, J.W. 101233
Newell, A.C. *see* Stubenrauch, C.F. 108058
Newell, B.L., Postek, M.T., van der Ziel, J.P. Application of the prototype NIST SRM 2090A SEM magnification standard in a manufacturing environment 74087
Newell, J.C. A status report for medical impedance imaging 101356
Newell, J.M., Larson, T.W., Cornford, S.L. A thermo-mechanical stress analysis of an MCM-D interconnect 104976
Newell, W.R. *see* Furlong, J.M. 69781
Newey, J.P. *see* Canham, L.T. 94267
Newey, J.P. *see* Whitaker, T.J. 105631
Newhall, W.G., Rappaport, T.S., Sweeney, D.G. A spread spectrum sliding correlator system for propagation measurements 88949
Newhall, W.G., Saldanha, K.J., Rappaport, T.S. Propagation time delay spread measurements at 915 MHz in a large train yard 116885
Newham, E. Knowing me knowing you: how biometric security systems use human characteristics 67641
Newham, P. *see* Langley, J.D.S. 66128
Newhnam, R.H., Baldsing, W.G.A. New operational strategies for gelled-electrolyte lead/acid batteries 112267
Newhouse, M.A., Button, L.J., Chowdhury, D.Q., Liu, Y., Da Silva, V.L. Optical amplifiers and fibers for multiwavelength systems 68398
Newhouse, M.A. *see* Altuncu, A. 107150
Newhouse, M.A. *see* Da Silva, V.L. 75475
Newhouse, M.A. *see* da Silva, V.L. 88630
Newhouse, M.A. *see* Nissov, M. 119135
Newhouse, M.A. *see* Yanming Liu 75473
Newkirk, M. *see* Vahala, K. 65239
Newkirk, M. *see* Vahala, K.J. 65484
Newkirk, M. *see* Yao, M. 75848
Newkirk, M.A. *see* Lenz, G. 65519
Newkirki, M. *see* Vahala, K.J. 88480
Newman, A.K. *see* Katz, R.A. 69928
Newman, B.A. *see* Mei, B.Z. 106342
Newman, C.W. *see* Jacobson, G.P. 101389
Newman, D., Holzbaur, H., Fowler, J. Cellular modems: Hurry up and wait 78265
Newman, D., Holzbaur, H., Fowler, J. Close-up on remote access servers 118482
Newman, D., Levy, B. High speed LAN-analyzers: taking off the blinders 69000
Newman, D., Melson, B., Kumar, S.S. DLSw routers: scaling to new heights 98969
Newman, D., Melson, B., Kumar, S.S. Voice over frame relay: imperfect pitch 118709
Newman, D. *see* Krizmanic, J. 90167
Newman, D. *see* Mandeville, R. 88019
Newman, D.L. *see* Shah, G.A. 80256
Newman, D.M. *see* Carey, R. 64817
Newman, D.S. A composite model for the distribution of "species" and its use in monitoring pattern recognition algorithms 103557
Newman, E.H. *see* Qin Yu 116938
Newman, H.B. *see* Woody, C.L. 100895
Newman, H.B. *see* Zhu, R.Y. 100811
Newman, J. *see* Doyle, M. 81714
Newman, J. *see* Pillay, B. 73828
Newman, M. A fundamental group for greyscale digital images 67074
Newman, N. *see* Chan, J.S. 63238
Newman, N. *see* Gassmann, A. 103838
Newman, P., Lyon, T., Minshall, G. Flow labelled IP: a connectionless approach to ATM 87803
Newman, R.C. *see* Davidson, B.R. 103945
Newman, R.C. *see* Davidson, B.R. 103947
Newman, W. *see* Rafie, M.S. 99419
Newman, W.S. A new laboratory course in controlled electromechanical dynamics: unifying engineering techniques in analysis and synthesis 60470
Newmiller, J. *see* Kroposki, B. 112382
Newnam, B.E. *see* Park, S.H. 107372
Newnham, C.E., Scholey, N., Green, K.J. A graphite based lithium-ion polymer electrolyte cell 112219
Newnham, C.E. *see* Burke, L.W., Jr. 112220
Newnham, R.E. *see* Fernandez, J.F. 72978
Newnham, R.E. *see* Koc, B. 106387
Newnham, R.E. *see* Tressler, J.F. 111375
Newport, D. *see* Casey, M.E. 70069
Newport, D. *see* Defrise, M. 90418
Newport, D. *see* Watson, C.C. 80235
Newport, D. *see* Watson, C.C. 90430
Newrly, N. *see* Geyer, W. 118251
Newrock, R.S. *see* Redwing, J.M. 94475
Newsam, C.J. *see* Rao, S.S. 110946
Newsam, G.N. *see* Wegener, M. 67188
Newsam, M.I., Walton, A.J., Fallon, M. Numerical analysis of the effect of geometry on the performance of the Greek cross structure 119835
Newsam, M.I. *see* Sprevak, D. 106171
Newsham, G.R. *see* Tiller, D.K. 82018
Newskaja, G.E. *see* Gwozdarev, A. 106883
Newsom, L., Nelson, T. MediaOne: Investing in super headends 119469
Newson, D.J. *see* Barnes, J.W.R. 78027
Newson, D.J. *see* Mirshekar-Syahkal, D. 76600
Newson, T.P. *see* Lees, G.P. 85396
Newson, T.P. *see* Lees, G.P. 110181
Newson, T.P. *see* Wait, P.C. 119712
Newton, A.R. *see* Barker, W.C. 113824
Newton, A.R. *see* Lennard, C.K. 73265
Newton, C., Sumner, M., Alexander, T. The investigation and development of a multi-level voltage source inverter 121688
Newton, D.C. A contribution of number theory and data compression to mathematical modeling 108138
Newton, D.C. Mathematical modeling using partition theory and data compression 108396
Newton, G., Robertson, S., Walch, B. Electrostatic confinement of dust grains in a spherical electrostatic potential 65658
Newton, H.J., Crozier, D., Patzel, S. Three dimensional vision recognition using phase shift 98333
Newton, J. *see* Carlson, D.E. 112360
Newton, M. *see* Karpenko, V. 89695
Newton, M.A. *see* Friedman, A. 89692
Newton, M.A. *see* Lee, J. 103582
Newton, M.C. Safety critical industries workplace learning telematic network–SAFETY-NET 87940
Newton, M.I. *see* McHale, G. 116230
Newton, M.J. Starting up [business start-up] 72187
Newton, S.A. Fundamentals of optical reflectometry techniques 75469
Ney, M.M. Modeling of highly conducting boundaries with TLM 116947
Ney, M.M. *see* Peila, N. 116808
Neyatani, Y. *see* Kikuchi, M. 106704
Neyer, A. *see* Knoche, T. 85063
Neyer, C. *see* Badura, E. 69804
Neyer, Ch. *see* Badura, E. 120203
Neyra Bueno, O.L., Gruzinskiy, V.V., Seniuk, M.A., Afanasiady, L.S. Laser generation obtention in complexes that are formed in excited states 116391
Neyra Bueno, O.L., Gruzinskiy, V.V., Seniuk, M.A., Afanasiady, L.S. New active media based on bifluorophormic compounds for dye lasers 116396
Neyrinck, F. *see* Lembregts, F. 110068
Neyt, X., Acheroy, M. Adaptive image restoration using discrete polynomial transforms 67103
Neyts, K. Numerical simulation of charge transfer and light emission in SrS:Ce thin-film electroluminescent devices 106985
Nezami, M.K. Guidelines dictate the performance of MMDS downconverters 68844
Nezhevenko, E.S. *see* Mikhlyaev, S.V. 121349
Nezhevenko, O., Myakishev, D., Tarnetsky, V., Yakovlev, V. TW accelerating structures with minimal surface electric field 89765
Nezhevenko, O. *see* Yakovlev, V. 100482
Nezhevenko, O.A. *see* Kozyrev, E.V. 79766
Nezhevenko, O.A. *see* Kozyrev, E.V. 114520
Neznakhina, A.E. *see* Barysheva, N.M. 116331
Nezry, C. *see* Nezry, E. 111168
Nezry, E., Lopes, A., Ducrot-Gambart, D., Nezry, C., Jong-Sen Lee Supervised classification of K-distributed SAR images of natural targets and probability of error estimation 111168
Nezu, H. *see* Ohashi, N. 63438
Nezu, K. *see* Ishizuka, T. 112084
Nezu, K. *see* Kataoka, T. 121750
Nezza, P.Di *see* Di Nezza, P.
Ng, B.C., Chen, J.-T., Paulraj, A. Space-time processing for fast fading channels with co-channel interferences 118964
Ng, C. *see* Clinthorne, N.H. 101100
Ng, C. *see* Heifets, S. 89624
Ng, C. *see* Kurita, N. 100553
Ng, C. *see* Pendleton, R. 100685
Ng, C.-K., Weiland, T., Martin, D., Smith, S., Kurita, N. Simulation of PEP-II beam position monitors 100544
Ng, C.-K. *see* Bane, K. 89979
Ng, C.-K. *see* Kroll, N.M. 100665
Ng, C.-K. *see* Lin, X.E. 100666
Ng, C.K. *see* Kwok, P. 89918
Ng, C.K.Y., Pun, L.K.L., Ip, D.M.C., Hamdi, M., Ahmad, I. Embedding pyramids into 3D meshes 108563
Ng, C.M. Real-time image warping for human face recognition 87015
Ng, C.Y. *see* Wrobel, M.C. 101007
Ng, D. *see* Werthimer, D. 79103
Ng, D.H.L., Yu, C.C., Qin, C.-D., Lo, C.C.H., Jakubovics, J.P. The dependence of magnetoacoustic emission on magnetizing frequency in nickel and mild steel 75112
Ng, D.H.L. *see* Ku, N.C. 115514
Ng, D.H.L. *see* Ng, H.T. 113596

Ng, E.G., Peyton, B.W. Some results on structure prediction in sparse QR factorization 61021
Ng, G.I. *see* Lai, R. 104878
Ng, G.I. *see* Wang, H. 115235
Ng, G.S. *see* Sluzek, A. 98140
Ng, H. *see* Shaalan, H.E. 121127
Ng, H.S., Lam, K.P. Neural network compensation of optimization circuit for minimax path problems 104768
Ng, H.S. *see* Lo, K.L. 102056
Ng, H.T., Yu, C.C., Ng, D.H.L. Domain nucleation and annihilation in a steel bar subjected to an increasing tensile load 113596
Ng, K.-Y. *see* Bogacz, S.A. 89696
Ng, K.C. *see* Hui, C.W. 86829
Ng, K.K. A survey of semiconductor devices 105836
Ng, K.W., Card, H.C. Survey of voiceband data signal compression 77008
Ng, K.W., Yeung, K.H. Analysis on disk scheduling for special user functions 99796
Ng, K.Y. Mode-coupling-instability and bunch lengthening in proton machines 89850
Ng, K.Y., Bogacz, A. Low-dispersion γ_t jump for the Main Injector 89895
Ng, K.Y. *see* Kang, X. 89843
Ng, K.Y. *see* Liu, J.Y. 89882
Ng, K.Y. *see* Wang, L. 89881
Ng, M. *see* Ahn, T.W. 114141
Ng, M.K., Plemmons, R.J. Fast recursive least squares adaptive filtering by fast Fourier transform-based conjugate gradient iterations 97660
Ng, M.W.R. *see* Sobhy, M.I. 93099
Ng, M.W.R. *see* Sobhy, M.I. 114244
Ng, M.W.R. *see* Sobhy, M.I. 114249
Ng, P., Balsara, P.T., Steiss, D. Performance of CMOS differential circuits 73205
Ng, Q. *see* Sharma, V. 115683
Ng, S.C. *see* Kang, Y.Q. 105114
Ng, S.H. *see* Bo Liu 115790
Ng, S.L., Dewar, B. Parallel realization of the ATM cell header CRC 87297
Ng, S.W., Wong, S.C., Lee, Y.S. AC analysis of SMPS 113743
Ng, T.B. *see* Chu, C.C. 96240
Ng, T.B. *see* Song, Y.-K. 107002
Ng, T.C. *see* Baldwin, N.J. 80281
Ng, T.C.F. Quality of speech codecs under indoor wireless environment 98957
Ng, T.C.T., Leung, F.H.F., Tam, P.K.S. A simple adaptive control strategy for regulated switching DC-DC converter based on grid-point concept 121696
Ng, T.S. *see* Lo, F.L. 87854
Ng, T.S. *see* Lo, F.L. 118037
Ng, T.S. *see* Lo, F.L. 118772
Ng, W., Loo, R., Jones, V., Lewis, J., Livingston, S., Lee, J.J. Silica-waveguide optical time-shift network for steering a 96-element L-band conformal array 66151
Ng, W. *see* Fanfoni, M. 105441
Ng, W. *see* Haugsjaa, P. 72296
Ng, W.C., Hui, Y.V. Interactive quality improvement of a process subject to complete inspection 112846
Ng, W.E. *see* Lu, Y.H. 111337
Ng, W.E. *see* Yeo, T.S. 111103
Ng, W.S., Lee, C.K. Comment on using the uniformity measure for performance measure in image segmentation 117559
Ng, W.T. *see* Lau, W.S. 74491
Ng, W.T. *see* Ranaweera, J. 73338
Ng, W.W. *see* Yap, D. 85344
Ng, Y.K. *see* Liew, S.C. 101160
Ng, Y.S. *see* Sripada, S. 75025
Ng Boon Chong *see* Boon Chong Ng
Ng Boon Hwang, Lam Yow Thim Industrial attachment programme in engineering: the NTU experience 60432
Ng Geok See, Lee Haw Ling Fast 3D object recognition from 2D silhouette 87105
Ng Meei Pyng *see* Meei Pyng Ng
Ng Moon Pun *see* Yu-Kwong Kwok 109208
Ng Tung-Sang *see* Tung-Sang Ng
Ng Wee-Keong *see* Wee-Keong Ng
Ngai, F.M., Carande, R.E. Automated rapid mapping with interferometric synthetic aperture radar data 120902
Ngai, T., Singh, S., Britton, B.K., Leung, W.-B., Nguyen, H., Powell, G.P., Albu, R., Andrews, W.B., He, J., Spivak, C.W. A new generation of ORCA FPGA with enhanced features and performance 113854
Ngalamou, L., Benech, Ph., Chamberod, E. Pressure measurement with resonant PVDF or copolymer 106394
Ngamsritragul, P. *see* Kamata, M. 86235
Ngan, K.N., Chai, D., Millin, A. Very low bit rate video coding using H.263 coder 77110
Ngan, K.N. *see* Soon Hie Tan 97900
Ngan, M. *see* Hall, P. 70027
Ngarmnil, J., Toumazou, C. Micropower log-domain active inductor 62018
Ngee Koh Soo *see* Soo Ngee Koh
Nghi Nguyen Than *see* Nguyen Than Nghi
Nghiem, D., Williams, J.T., Jackson, D.R., Oliner, A.A. Existence of a leaky dominant mode on microstrip line with an isotropic substrate: theory and measurements 114251
Nghiem, S.V., Kwok, R., Yueh, S.H., Kong, J.A., Gow, A.J., Perovich, D.K., Martin, S., Drucker, R. Sea ice polarimetric backscatter signatures at C band 120857
Nghiem, S.V. *see* Shih, S.E. 120863
Ngia Nguyen Xuan *see* Nguyen Xuan Ngia
Ngo, C.W., Chan, S., Lai, K.F. Motion tracking and analysis of deformable objects by generalized active contour models 87089
Ngo, C.W., Chan, S., Lai, K.F. Application of generalized active contour model for model-based image coding 117608
Ngo, D., Dragon, C., Costa, J., Lamey, D., Spears, E., Burger, W., Camilleri, N. RF silicon MOS integrated power amplifier for analog cellular applications 83496
Ngo, D. *see* Carr, F. 68143
Ngo, D. *see* Dragon, C. 82965
Ngo, D. *see* Dragon, C. 83452
Ngo, D. *see* Huang, W.M. 106248
Ngo, D. *see* Lovelace, D. 93869
Ngo, D.B.L. *see* Sagar, V.K. 87139
Ngo, J.T. *see* Fukunaga, A. 67114
Ngo, K.D.T. *see* Hsu, J.T. 65733
Ngo, K.D.T. *see* Huang, X. 62391
Ngo, N.Q., Binh, L.N., Xianda Dai Optical dispersion eigencompensators for high-speed long-haul IM/DD lightwave systems: computer simulation 119181
Ngo, N.Q. *see* Binh, L.N. 64870
Ngo, R. *see* Danielsen, S.L. 88636
Ngo, R. *see* Danielsen, S.L. 99559
Ngo, R. *see* Joergensen, C. 88595
Ngo, T.T., Petroff, P.M., Sakaki, H., Merz, J.L. Simulation model for self-ordering of strained islands in molecular-beam epitaxy 61289
Ngo Minh-Luan *see* Minh-Luan Ngo
Ngo Phong, L., Shih, I. A wavelength detector for monochromatic light beams 100040
Ngoc Binh Nguyen *see* Nguyen Ngoc Binh
Ngoh, L.H., Pan, H., Reddy, V. On storage server issues for multimedia-on-demand systems 118569
Ngoh, L.H. *see* Li, H. 118565
Ngoh Lek-Heng *see* Lek-Heng Ngoh
Ngoi, B.K.A., Lim, L.E.N., Lee, S.S.G. Analyzing the natural resting aspects of a component by its centroid solid angle 82175
Ngoi, B.K.A., Yew Chuan Kuan Conceptual development of an automated assemblies tolerance analysis system 72220
Ngoi, K.P., Jia, J. A robust active contour model for natural scene contour extraction with automatic thresholding 67296
Ngoi, K.P., Jia, J.C. An analytical active contour model with automatic threshold selection 87047
Ngok Yan Kwan *see* Kwan Ngok Yan
Ngole, J., Asplund, L. A correlation-based network for hardware implementations 62128
Ngoya, E., Larcheveque, R. Envelop transient analysis: a new method for the transient and steady state analysis of microwave communication circuits and systems 93755
Ngoya, E. *see* Larcheveque, R. 93756
Ngu, A.H.H., Gedeon, T., Shpeherd, J. Discovering indexing parameters for information filtering 77934
Nguen Gui Khien *see* Sebko, V.P. 99913
Nguyen, A.-T. *see* Neves, N. 92567
Nguyen, A.T. *see* Stow, D. 111340
Nguyen, B. *see* Lee, P.W. 72904
Nguyen, B. *see* Mizuno, S. 63455
Nguyen, B. *see* Mizuno, S. 63458
Nguyen, B.C. *see* Robles, S. 61334
Nguyen, B.C. *see* Robles, S. 63456
Nguyen, C. *see* Bhattacharya, U. 93853
Nguyen, C. *see* Hale, C. 97612
Nguyen, C. *see* Schwindt, R. 97215
Nguyen, C.T. *see* Chan, A.B.Y. 115214
Nguyen, C.T. *see* Paul, K. 105994
Nguyen, C.T.-C. Micromechanical resonators for oscillators and filters 106260
Nguyen, C.T.-C. *see* Wise, K.D. 95231
Nguyen, D. *see* Der, S. 119266
Nguyen, D. *see* Mirelli, V. 98206
Nguyen, D.B., Wachnik, R.A., Rathore, H.S., Kane, T. Low electric field time dependent dielectric breakdown for BEOL capacitor applications 60725
Nguyen, D.C. *see* Chan, K.C.D. 76065
Nguyen, H., Ponchak, G.E., Kunath, R., Bohman, D., Varaljay, N. Optimization of the RF circuit for wide-bandwidth cross-linked polymer electro-optic modulators 116110
Nguyen, H. *see* Ngai, T. 113854
Nguyen, H. *see* Vasseghi, N. 73439
Nguyen, H.G. *see* Blackburn, M.R. 67476
Nguyen, H.L. Newton-Raphson method in complex form [power flow analysis] 120987
Nguyen, H.N., Thill, M. Design verification based on hardware emulation 73049
Nguyen, H.Q. *see* Greer, J.A. 82765
Nguyen, H.T. *see* Britten, J.A. 115984
Nguyen, H.V. *see* Wedepohl, L.M. 102147
Nguyen, I.V. A gas distributor design for proton-exchange-membrane fuel cells 71684
Nguyen, K. *see* Jensen, K.L. 62563
Nguyen, K. *see* Jensen, K.L. 104995
Nguyen, K. *see* Pershing, D.E. 94199
Nguyen, K. *see* Phillips, P.M. 105012
Nguyen, K.T. *see* Garven, M. 74067
Nguyen, K.T. *see* Miller, J.D. 69900
Nguyen, L., Aazhang, B., Young, J.F. BER of optical communication system using fiber source 68392
Nguyen, L., Belani, J., Dunham, J. Plastic Packaging Consortium: on-shore manufacturing of low-cost, high density, high performance plastic packages 92250
Nguyen, L. *see* Peterson, M.T. 70362
Nguyen, L. *see* Tran, L. 83442
Nguyen, L.D. *see* Pusl, J.A. 83501
Nguyen, L.T., Chen, A.S., Lo, R.Y. Interfacial integrity in electronic packaging 112963
Nguyen, L.V.T., Cahill, M.J.L., Lowery, A.J., Novak, D., Gurney, P.C.R., Sampson, D.D., Dong-Sun Seo Effects of carrier-induced modal intermodulation on dynamic spectral characteristics of multimode Fabry-Perot lasers 85539
Nguyen, L.V.T., Lowery, A.J., Novak, D. Effects of carrier transport on the performance of quantum-well lasers 75971
Nguyen, L.V.T. *see* Lowery, A.J. 99529
Nguyen, M. *see* Martin, R.A. 110298
Nguyen, N.B., Schantz, D. Low cost high density packaging technique extends IGBT thermal performance 82226
Nguyen, N.B., Schantz, D. Low cost high density packaging technique extends IGBT thermal performance 82943
Nguyen, N.B., Schantz, D. Low cost high density packaging technique extends IGBT thermal performance 84378
Nguyen, N.M. *see* Morkner, H. 99143
Nguyen, N.N. *see* Clark, S.L. 114392
Nguyen, N.Q. *see* McKee, W.R. 93387
Nguyen, N.T., Igarashi, K., Kageyama, H., Mikoshiba, S. Color reproducibility of PDPs having barrier rib structures 89299
Nguyen, P., Conner, J., Glatz, M., Wagner, L., Habibi, H., Ramey, D., Morris, J., Mondeel, D., Edwards, D., Stadler, R. Programming characteristics of TiW thin film fuses 93317
Nguyen, Q. *see* Bettati, R. 118531
Nguyen, R. *see* Sun, C.K. 116235
Nguyen, S. *see* Cote, D. 106195
Nguyen, S.H. *see* Ming Mao 64359
Nguyen, S.V., Nguyen, T., Carl, D., Pricer, D., Korejwa, J.W., Dobuzinsky, D. Ultrathin RTP oxynitride dielectrics on planar, trench and three dimensional structures 95239
Nguyen, S.V. *see* Shapiro, M.J. 92818
Nguyen, T., Remy, T., Sistanizadeh, K. Attenuation and interference measurements conducted by Bell Atlantic to investigate the effect on an operational multichannel multipoint distribution service (MMDS) 88860
Nguyen, T., Srinivasan, V. Accessing relational databases from the World Wide Web 87654
Nguyen, T. *see* Busta, H.H. 83755
Nguyen, T. *see* Fernando, J.L. 80259
Nguyen, T. *see* Nguyen, S.V. 95239
Nguyen, T. *see* Roshko, A. 64297
Nguyen, T. *see* Tam, A.C. 115759
Nguyen, T. *see* Woeste, D. 73500
Nguyen, T. *see* Xuan, J. 115756
Nguyen, T.D., Krishnan, K.M., Lewis, L.H., Yimei Zhu, Welch, D.O. Microstructure and composition in rapidly quenched NdFeB-based hard magnet alloys 64473
Nguyen, T.L., Freundorfer, A.P. Tuned low-noise balanced distributed preamplifier using MMIC GaAs MESFET technology 78809
Nguyen, T.L., Freundorfer, A.P. A balanced distributed preamplifier using MMIC GaAs MESFET technology 93885
Nguyen, T.L. *see* Freundorfer, A.P. 99485
Nguyen, T.N., Lethiecq, M., Levassort, F., Pourcelot, L. Experimental verification of the theory of elastic properties using scattering approximations in (0-3) connectivity composite materials 82773
Nguyen, T.P., de Vos, S. Interfacial effects in poly (p-phenylene-vinylene)-metal systems 115037
Nguyen, T.T. Data partitioning in parametric harmonic analysis 77018
Nguyen, T.T. *see* Carpio, R.A. 84113
Nguyen, T.T. *see* Chang, C.K. 109948
Nguyen, T.T. *see* Kirk, S.J. 63402
Nguyen, T.T.A. *see* Debbagh, F. 74440
Nguyen, T.T.A. *see* Frangis, N. 113335
Nguyen, T.T.A. *see* Muret, P. 114804
Nguyen, T.V., Jing Li, Zhaojun Bai Dispersive coupled transmission line simulation using an adaptive block Lanczos algorithm 116946
Nguyen, T.V. *see* Feggeler, J.C. 78683
Nguyen, T.V. *see* Park, Y.K. 78685
Nguyen, T.V. *see* Park, Y.K. 99577
Nguyen, T.V. *see* Tzeng, L.D. 99569
Nguyen, V.D. *see* Spurny, F. 101462
Nguyen, V.M., Lee, C.Q. Indirect implementations of sliding-mode control law in buck-type converters 71412
Nguyen, V.Q. *see* Sanghera, J.S. 64713
Nguyen, V.Q. *see* Sanghera, J.S. 84935
Nguyen, W. *see* Hutchinson, J. 105791
Nguyen, X.T., Bouzerdoum, A., Bogner, R.E., Moini, A., Eshraghian, K. Feature representation of motion trajectories 66968
Nguyen, X.T. *see* Abbott, D. 89139
Nguyen Bui Thang *see* Thang Nguyen Bui
Nguyen Chanh *see* Chanh Nguyen

Nguyen Dai Hung, Segawa, Y., Myer, Y.H. Direct measurements of spectral and temporal characteristics of dye lasing in ultralow-Q microcavities 65054

Nguyen Duc, P. New software needs, requirements for becoming a learning organization 108903

Nguyen Duc-Hai *see* Duc-Hai Nguyen

Nguyen Hong Ky, Ganiere, J.D., Reinhart, F.K., Blanchard, B. Background Si-doping effects on Zn diffusion-induced disordering in GaAs/AlGaAs multiple-quantum-well structures 62891

Nguyen Hong Ky, Limberger, H.G., Salathe, R.P., Fox, G.R. 400-MHz all-fiber phase modulators using standard telecommunications fiber 84996

Nguyen Hong Ky *see* Fox, G.R. 75593

Nguyen Huu Thanh *see* Sainov, V. 96795

Nguyen Lim *see* Lim Nguyen

Nguyen Loi *see* Loi Nguyen

Nguyen Mai-Huong *see* Mai-Huong Nguyen

Nguyen Nam Tien *see* Nam Tien Nguyen

Nguyen Ngoc Binh, Imai, M., Shiomi, A., Hikichi, N. A hardware/software partitioning algorithm for designing pipelined ASIPs with least gate counts 83153

Nguyen Phu, X. *see* Fahmi, A. 76218

Nguyen Phu, X. *see* Lefkir, M. 76207

Nguyen Phu, X. *see* Sahraoui, B. 116666

Nguyen Phung Quang Multi-parameter controllers in place of PI-controllers 112170

Nguyen Quan *see* Quan Nguyen

Nguyen Tan, T.A. *see* Ali, I. 114667

Nguyen Than Nghi *see* Vainberg, V.V. 105133

Nguyen Van, V., Brunet-Bruneau, A., Fisson, S., Frigerio, J.M., Vuye, G., Wang, Y., Abeles, F., Rivory, J., Berger, M., Chaton, P. Determination of refractive-index profiles by a combination of visible and infrared ellipsometry measurements 119898

Nguyen Van Dan, F., Schuhl, A., Childress, J.R., Sussiau, M. Magnetic sensors for nanotesla detection using planar Hall effect 88987

Nguyen Van Thich *see* Van Thich Nguyen

Nguyen Xuan Ngia *see* Vainberg, V.V. 105133

Nguyen-Boi, K. *see* Tran-Quoc, T. 91051

Nguyen-Boi, K. *see* Tran-Quoc, T. 102140

Nguyen-Huu Xuong *see* Beuville, E. 80191

Nguyen-Huu Xuong *see* Beuville, E. 101239

Nguyen-Khac, N. *see* Tran-Quoc, T. 91051

Nguyen-Khac, N. *see* Tran-Quoc, T. 102140

Nguyen-Ngoc, D., Harame, D.L., Malinowski, J.C., Jeng, S.J., Schonenberg, K.T., Gilbert, M.M., Berg, G.D., Wu, S., Soyuer, M., Tallman, K.A., Stein, K.J., Groves, R.A., Subbanna, S., Colavito, D.B., Sunderland, D.A., Meyerson, B.S. A 200 mm SiGe-HBT BiCMOS technology for mixed signal applications 63964

Nguyen-Ngoc, D., Sunderland, D.A., Ahlgren, D.C., Jeng, S.J., Gilbert, M.M., Malinowski, J.C., Schonenberg, K.T., Stein, K.S., Meyerson, B.S., Harame, D.L. A manufacturable poly-emitter graded-SiGe HBT technology for wireless and mixed-signal applications 115373

Nguyen-Phi, K., Weinrichter, H. Image compression using bit-plane coding of wavelet coefficients 108561

Nguyen-Van-Dau, A.F. *see* Sussiau, M. 95345

Ngyuen, M. *see* Street, R.A. 100144

Nha Chu, D., Xie, Y.M., Hira, A., Steven, G.P. Evolutionary structural optimization for problems with stiffness constraints 61090

Ni, C.Y. *see* Kuo, T.C.T. 108604

Ni, J., Yang, T., Tsang, D.H.K. Source modelling, queueing analysis, and bandwidth allocation for VBR MPEG-2 video traffic in ATM networks 108923

Ni, J.Q., Ho, K.L., Tse, K.W. A novel entropy-constrained adaptive quantization scheme for wavelet pyramid image coding 117788

Ni, L.M. *see* Yew-Huey Liu 87425

Ni, S.S. *see* Greenwood, A.D. 117018

Ni, T.-D. *see* Lee, J.-H. 85462

Ni, T.-D. *see* Sturzebecher, D. 86007

Ni, W., Li, X., Woodcock, C., Roujean, J.L., Davis, R., Strahler, A. Modeling solar radiation transmission in boreal conifer forests 120898

Ni, W. *see* Li, X. 111311

Ni, W.-X. *see* Buyanova, I.A. 62959

Ni, W.-X. *see* Radamson, H.H. 113329

Ni, W.-X. *see* Radamson, H.H. 114696

Ni, W.X. *see* Chen, J.X. 84342

Ni, W.X. *see* Shen, G.D. 84339

Ni Dheasuna, C. *see* Patterson, J.C. 84228

ni Fhlathuin Brid *see* Brid ni Fhlathuin

Ni Guangzheng *see* Chen Haiyong 92647

Ni Guangzheng *see* Li Ronglin 66073

Ni Guangzheng *see* Li Ronglin 107711

Ni Guangzheng *see* Li Ronglin 108041

Ni Guoqiang *see* Jin Weiqi 65710

Ni Kan Reliability analysis of fatigue strength under random variable amplitude cyclic loading 72350

Ni Lin, Zhang Changshui, Rong Gang, Bian Zhaoqi A high-performance compression method for latent fingerprint image based on fast symmetric wavelet transform 98196

Ni Ming, Shang Yuanda Evidential theory and it's applications [to power system control] 80934

Ni Rushan *see* Rushan Ni

Ni Tsang-Der *see* Tsang-Der Ni

Ni Wei-Ming *see* Wei-Ming Ni

Ni Wei-Xin *see* Wei-Xin Ni

Ni Wenjun *see* Shi Jiying 81535

Ni Xiao-Wu *see* Xiao-Wu Ni

Ni Xiaowu *see* Lu Jian 64939

Ni Xuewen *see* Xuewen Ni

Ni Yixin *see* Lu Weixing 111438

Ni Yixin *see* Yixin Ni

Nia, E. *see* Annis, P. 80121

Nia, H.Aghaei *see* Aghaei Nia, H.

Nian Bair Yun *see* Bair Yun Nian

Nian-Feng Tzeng, Gui-Liang Feng Resource allocation in cube network systems based on the covering radius 66528

Nian'an Cheng *see* Cheng Nian'an

Niande Xiang *see* Xiang Niande

Nianzu Ma *see* Ma Nianzu

Nianzu Wu *see* Qinlin Guo 92705

Niarchos, D. *see* Christides, C. 115621

Niarchos, D. *see* Kalogirou, O. 64324

Niarchos, D. *see* Nicolaides, G.K. 64484

Nibe, N. *see* Kajikawa, Y. 67971

Niburg, M., Eriksen, P., Gustafsson, K., Hesselbom, H., Palmskog, G., Robertsson, M., Tan, N., Akermark, K., Djupsjobacka, A., Juhola, T., Kerzar, B., Mokhtari, M., Schuppener, G. A complete sub-system of parallel optical interconnects for telecom applications 119218

Nica, D. Cables and connection management [nuclear plants] 91273

Nicastro, L. *see* Manchester, R.N. 99704

Niccolai, M.J. *see* Nowack, W.J. 70299

Nicewicz, M. *see* Ziegler, J.F. 72394

Nicholas, J.V. *see* Rusby, R.L. 119527

Nicholas, R.J., Shimamoto, Y., Imanaka, Y., Miura, N., Mason, N.J., Walker, P.J. Interface and layer thickness dependence of the effective mass in InAs/GaSb superlattices studied by high field cyclotron resonance 62973

Nicholas, R.J. *see* Cao, S. 114686

Nicholas, R.J. *see* Cheng, H.H. 62961

Nicholas, R.J. *see* Daly, M.S. 62901

Nicholas, R.J. *see* Daly, M.S. 63023

Nicholas, R.J. *see* Daly, M.S. 105364

Nicholas, R.J. *see* Kinder, D. 63045

Nicholas, R.J. *see* Klipstein, P.C. 103844

Nicholas, R.J. *see* Martin, R.W. 61207

Nicholas, R.J. *see* Stone, R.J. 105866

Nicholas, R.J. *see* Vaughan, T.A. 62863

Nicholls, J.E. *see* Cain, N. 74380

Nicholls, J.E. *see* Chen, P. 74407

Nicholls, J.E. *see* Ozanyan, K.B. 74168

Nicholls, J.E. *see* Ozanyan, K.B. 74455

Nicholls, J.T. *see* Hughes, R.J.F. 95019

Nicholls, J.T. *see* Liang, C.-T. 106099

Nicholls, J.T. *see* Rubel, H. 105360

Nicholls, J.T. *see* Turner, N. 63028

Nichols, C. *see* Rossnagel, S.M. 84216

Nichols, C.A., Manos, D.M. Simulation of a surface-reflection neutral stream source [semiconductor processing] 105628

Nichols, D.A. *see* Van Buren, D. 77927

Nichols, D.K., Coss, J.R., McCarty, K.P., Schwartz, T.R., Swift, G.M., Watson, R.K., Koga, R., Crain, W.R., Crawford, K.B., Hansel, S.J. Trends in device SEE susceptibility from heavy ions 63854

Nichols, D.T. *see* Dutta, N.K. 99509

Nichols, D.T. *see* Dutta, N.K. 100011

Nichols, K.B. *see* Brown, E.R. 69168

Nichols, K.B. *see* Chen, C.L. 84013

Nichols, K.B. *see* Chen, C.L. 94971

Nichols, K.B. *see* Li, J. 100015

Nichols, K.B. *see* Rogers, T.J. 84485

Nichols, M. Software speeds microwave system and component testing 99861

Nichols, N. Creation and use of the IEEE Color Books 82020

Nichols, R.A., Moy, D.W., Pattay, R.S. A fast algorithm for optimal satellite spot beam pointing 99405

Nichols, R.J. *see* Hulsmann, T. 63505

Nicholson, B.F. *see* Phillips, W.A. 62304

Nicholson, H. *see* Wu, J. 110619

Nicholson, L. *see* Rindos, A. 109038

Nichtl-Pecher, W. *see* Petri, I. 115831

Nick, M., Roger, G., Xavier, C. CLARA: a Franco-British co-operative development of airborne laser radar 68707

Nick, W., Prescher, K. Basic design considerations for a medium-size superconducting magnetic energy storage system (SMES) 103040

Nickel, G.H. *see* Czuchlewski, S.J. 111194

Nickel, H. *see* Kindermann, L. 81847

Nickel, H. *see* Peck, D.H. 81834

Nickel, H. *see* Stochniol, G. 81848

Nickel, H. *see* Ye, P.D. 105261

Nickel, J.H. *see* Brug, J.A. 64422

Nickel, J.H. *see* Jander, A. 115709

Nickel, N.H. Hydrogen-induced defects in polycrystalline silicon 94214

Nickel, N.H. Comment on "Effects of electron cyclotron resonance plasma thermal oxidation on the properties of polycrystalline silicon film" [Appl. Phys. Lett. 67, 1880 (1995)] 94792

Nickel, U. Performance of adaptive arrays and superresolution methods subject to channel errors 68572

Nickel, U. Monopulse estimation with subarray-adaptive arrays and arbitrary sum and difference beams 108068

Nickel, U. *see* Gershman, A.B. 66739

Nickell, R.D. *see* Iman, R.L. 73856

Nickelson, R. *see* Wedemeyer, D.J. *(editor)* 72058

Nickerson, R. *see* Gorbold, J.R. 100951

Nickerson, R.B. *see* Beringer, J. 75766

Nickisch, L.J., Franke, P.M. Finite difference time domain tests of random media propagation theory 97070

Nicklasson, P.J. *see* Espinosa-Perez, G. 71314

Nickless, B. *see* Foster, I. 109105

Nickolaenko, A.P., Hayakawa, M., Hobara, Y. Temporal variations of the global lightning activity deduced from the Schumann resonance data 107895

Nickolaus, H., Henneberger, F., Schuelzgen, A. Coherent exciton-exciton interaction in wide-gap II-VI quantum wells. The role of alloy disorder 74376

Nickolaus, H. *see* Henneberger, F. 94523

Nickolay, B. *see* Biebelmann, E. 117670

Nickson, B. *see* Hajdas, W. 100754

Nickson, R. *see* Adams, L. 72308

Nickson, R. *see* Adams, L. 103467

Nico, J.S. *see* Elliott, S.R. 80104

Nicoara, B.I.C. *see* Ianoz, M. 97195

Nicol, C.J., Dickinson, A.G. A scalable pipelined architecture for fast buffer SRAMs 61881

Nicol, T. *see* Colby, E. 90087

Nicola, R. An electronic roadmap to SAS discussion and support 87786

Nicolaescu, D. The spatial dispersion of the electric field for field emission microtriodes 74023

Nicolaescu, D. Spatial distribution of the electric field for field emission microtriodes 83732

Nicolaescu, D., Filip, V. Modelling of a magnetic sensor based on vacuum field emission 79351

Nicolaescu, D., Filip, V., Wilshaw, P.R. Modelling of the field emission microtriode with emitter covered with porous silicon 73963

Nicolaides, G.K., Niarchos, D., Tsamakis, D., Koubouros, I., Mitsis, A. Magnetic multipole cylinders from mould-injection $Nd_2Fe_{14}B$ plastic bonded magnets 64484

Nicolaidis, M. *see* Manich, S. 104471

Nicolaidou, R. *see* Adam, W. 69709

Nicolais, L. *see* Carotenuto, G. 113543

Nicolantonio, W.Di *see* Di Nicolantonio, W.

Nicolao, G.De *see* De Nicolao, G.

Nicolaou, G. *see* Abbas, K. 101002

Nicolaou, P.D. *see* Kundu, T. 61466

Nicolas, A. *see* Krahenbuhl, L. 96945

Nicolas, A. *see* Sareni, B. 92962

Nicolas, A. *see* Savoye, C. 104248

Nicolas, A. *see* Sicard, D. 110957

Nicolas, A. *see* Vasconcelos, J.A. 65631

Nicolas, A. *see* Vasconcelos, J.A. 112153

Nicolas, A. *see* Vollaire, C. 107866

Nicolas, A. *see* Yao Bi, J.L. 65778

Nicolas, C. *see* Naudan, F. 76093

Nicolas, D. *see* Souteyrand, E. 119780

Nicolas, G., Autric, M. Influence of a KrF radiation on surface of alumina 105729

Nicolas, J.-M. *see* Paquerault, S. 111129

Nicolas, J.C. *see* Baranov, A.N. 106993

Nicolas, L. *see* Vollaire, C. 107866

Nicolas, L. *see* Yao Bi, J.L. 65778

Nicolato, A. *see* Foroni, R. 110670

Nicolau, D. *see* Mereanu, A. 71396

Nicolay, K. *see* De Graaf, R. 70089

Nicole, P. *see* Mathoorasing, D. 119134

Nicolescu, G. *see* Micu, D. 71325

Nicolet, A., Delince, F. Implicit Runge-Kutta methods for transient magnetic field computation 65640

Nicolet, A., Remacle, J.F. Comparison of the boundary element method and of the finite element transformation method for open magnetic problems 107737

Nicolet, M.-A. *see* Im, S. 63227

Nicolet, M.-A. *see* Lie, D.Y.C. 74512

Nicolett, A.S., Martino, J.A., Simoen, E., Claeys, C. Mobility degradation influence on the SOI MOSFET channel length extraction at 77 K 94981

Nicoletta, C. *see* Sanchez, H. 73466

Nicoletto, M. *see* Carugno, G. 100803

Nicollini, G., Nagari, A., Confalonieri, P., Crippa, C. A −80 dB THD, 4 V_{pp} switched capacitor filter for 1.5 V battery-operated systems 93563

Nicollini, G. *see* Crippa, C. 109505

Nicolo, D. *see* Baldini, A. 62650

Nicolo, E. Fundamentals of the total ethical-risk analysis method (TERAmethod) with a study of crucial problems in managing distributed multimedia 82130

Nicolosi, J.F., Parsons, E. Do proposed decommissioning standards provide the basis for recycling? 81248

Nicolosi, P. *see* Pernechele, C. 79565

Nicoloyannis, N. *see* Bounekkar, A. 86917

Nicopoulos, V.N. *see* Rau, G. 114751

Nicorovici, N. *see* Vlassis, M. 75489

Nicorovici, N. *see* Vlassis, M. 95673

Nicorovici, N.A. *see* McPhedran, R.C. 107873

Nicoud, J.-D. Microengineering: when is small too small? Nanoengineering: when is large too large? 64009

Nicoud, J.F. *see* Zyss, J. 116696

Nicoulin, A. *see* Mattavelli, M. 67064

Nicoulin, A. *see* Mattavelli, M. 67129

Nicque, J.-L. *see* Brierre, J. 75772

Nicula, G. *see* Zaciu, R. 108425

Niculae, D. *see* Fodor, D. 121440

Niculescu, H., Saenz, A., Khankhasayev, M., Gielisse, P.J. Self-field measurements and current distribution in ceramic superconductors 79656
Niculescu, N., Badulescu, A., Cristescu, D., Dumitrescu, I.S. Medium term efficiency conditions of different heat supply solutions 71115
Niculescu, N., Badulescu, A., Voicheci, D. Aspects regarding the integration of the plate heat exchangers into the centralized heat supply systems 102419
Nido, M. *see* Yamaguchi, A.A. 92699
Nie, H. *see* Murtaza, S.S. 79434
Nie, H. *see* Murtaza, S.S. 88488
Nie, J.C. *see* Chen, L. 64558
Nie Dexin *see* Dexin Nie
Nie Hong *see* Zhao Ming 118814
Nie Jingnan, Cheng Shixin Performance of multiuser equal gain combining diversity for fading CDMA channels 119039
Nie Kai-Wen *see* Kai-Wen Nie
Nie Lei *see* Zhao Xueqing 65013
Nie Tao *see* Yang Lieliang 66376
Nie Xiansheng *see* Xiansheng Nie
Nie Xiaoning *see* Xiaoning Nie
Nie Yan, Lu Ling Mixed text/graphics image pattern recognition and OCR document image binarization 87123
Nie Zaiping *see* Chen Xiaoguang 65754
Nie Zaiping *see* Zaiping Nie
Nie-Chuan Chen *see* Jenn-Fang Chen 74331
Nie-Chuan Chen *see* Jenn-Fang Chen 83859
Nie-Chuan Chen *see* Jenn-Fang Chen 83860
Niebuhr, W. *see* Loh, G. 60841
Nieden, K.zur *see* zur Nieden, K.
Niederer, P. *see* Wolf, M. 120267
Niederhagen, R. Logic simulation tools 113890
Niederhausen, H. Symmetric Sheffer sequences and their applications to lattice path counting 92376
Niederhoff, M., Heinrich, W., Russer, P. Three-dimensional full-vector analysis of optical waveguides by finite-integration beam-propagation method (FIBPM) 95757
Niederhoff, M., Heinrich, W., Russer, P. Three-dimensional modelling of high-power laser diodes based on the finite integration beam propagation method 96298
Niedermann, P., Hanni, W., Blanc, N., Christoph, R., Burger, J. Chemical vapor deposition diamond for tips in nanoprobe experiments 82744
Niedermann, P. *see* Pupeter, N. 74030
Niedermann, Ph. *see* Pupeter, N. 83706
Niedermayer, M. *see* Steinhausen, C. 101201
Niedermeyer, F. *see* Oldekop, E. 74222
Niedernostheide, F.-J., Schulze, H.-J., Bose, S., Wacker, A., Scholl, E. Spiking in a semiconductor device: experiments and comparison with a model 105861
Niederreiter, H. Improved bounds in the multiple-recursive matrix method for pseudorandom number and vector generation 113230
Niederreiter, H., Sloan, I.H. Variants of the Koksma-Hlawka inequality for vertex-modified quasi-Monte Carlo integration rules 61029
Niederreiter, H., Vielhaber, M. Tree complexity and a doubly exponential gap between structured and random sequences 117238
Niederwald, H. *see* Ristau, D. 107433
Niedzwiecki, A. *see* Constantinof, C. 118299
Niedzwiecki, M. *see* Mrozowski, M. 76515
Niehaus, D. *see* Evans, J.B. 67796
Niehenke, E.C., Stenger, P.A., Degenford, J.E. A GaAs MMIC PIN diode receiver protector with switchable attenuator 93893
Niehof, J. *see* Mouthaan, T. 84229
Niekerk, C.Van *see* Van Niekerk, C.
Niekerk, H.R.Van *see* Van Niekerk, H.R.
Niell, A.E. Global mapping functions for the atmosphere delay at radio wavelengths 101502
Nielsen, B. *see* Li, Z. 90125
Nielsen, B. *see* Li, Z. 100896
Nielsen, B.S. *see* Adam, W. 69709
Nielsen, B.S. *see* Adam, W. 69732
Nielsen, C.R. *see* Branebjerg, J. 74964
Nielsen, I.M.B. *see* Allendorf, M.D. 61422
Nielsen, I.R. *see* Olgaard, C. 93569
Nielsen, I.R. *see* Olgaard, C. 104700
Nielsen, J.K. *see* Pekala, R.W. 104899
Nielsen, J.M. *see* Brorson, S.D. 107316
Nielsen, K., Vinther, O. Experiences of success and failure in project organization 72138
Nielsen, L. *see* Barbato, G. 68958
Nielsen, L.G. *see* Boskovic, A. 75448
Nielsen, M., Bernsen, E. Combined heat and power in Eastern Europe: potentials and barriers 91313
Nielsen, M., Florack, L., Deriche, R. Regularization, scale-space, and edge detection filters 67279
Nielsen, M. *see* Klarlund, N. 98480
Nielsen, N.B. *see* Thayer, J.P. 120765
Nielsen, N.M. More power from existing hydroelectric facilities at BC Hydro, Canada 111824
Nielsen, O. *see* Vandenameele, J. 79169
Nielsen, O.S. Transmission of 4:2:2 formatted video on SDH/PDH networks 118695
Nielsen, O.S., Jacobsen, F.L. Multichannel MPEG-2 distribution on telco networks 119467
Nielsen, O.S. *see* Safwat, A. 70197
Nielsen, O.V. *see* Piil-Henriksen, J. 79234
Nielsen, P., Blaabjerg, F., Pedersen, J.K. Space vector modulated matrix converter with minimized number of switchings and a feedforward compensation of input voltage unbalance 121566
Nielsen, P., Casadei, D., Serra, G., Tani, A. Evaluation of the input current quality by three different modulation strategies for SVM controlled matrix converters with input voltage unbalance 112134
Nielsen, R. *see* Cho, Y. 79994
Nielsen, R. *see* Feridun, M. 108955
Nielsen, S.A. *see* Zhou, M. 95297
Nielsen, S.B. Diesel engine actuator fault isolation using multiple models hypothesis tests 111988
Nielsen, S.D., Reynders, D.A., Reynders, J.P., Jandrell, I.R., Traynor, R.J. An assessment of the sub-microsecond region of VFT V-t curves generated in pure SF$_6$ and 50%SF$_6$/50%N$_2$ gas mixture under small values of busbar surface roughness 81614
Nielsen, S.D., Reynders, J.P. Preliminary results in the development of a resonant parallel plate coupler for detection of partial discharges in GIS 102922
Nielsen, S.K. *see* Kjeldsen, P.M. 119140
Nielsen, S.N. *see* Gliese, U. 99500
Nielsen, T., Bormann, F., Wolbeck, S., Spiecker, H., Burrows, M.D., Andresen, P. Time-of-flight analysis of light pulses with a temporal resolution of 100 ps 69539
Nielsen, T. *see* Park, N. 68374
Nielsen, T. *see* Park, N. 88564
Nielsen, T. *see* Stentz, A.J. 85402
Nielsen, T. *see* Tanbun-Ek, T. 78822
Nielsen, T. *see* Tanbun-Ek, T. 119235
Nielsen, T.E., Kirsner, K. A challenge for SOAR: modeling proactive expertise in a complex dynamic environment 80814
Nielsen, T.N. *see* Gliese, U. 99500
Nielsen, T.N. *see* Gliese, U. 119168
Nielson, L. *see* Dawson, E. 66380
Niem, W. *see* Blonde, L. 79151
Niemann, E., Leidich, D., Boos, A., Grueninger, H.W., Korec, J. CVD growth of 3C-SiC on Si using SiCl$_2$H$_2$, C$_2$H$_4$ and HCl 103990
Niemann, H. *see* Denzler, J. 86849
Niemann, H. *see* Denzler, J. 117736
Niemann, R., Marwedel, P. Hardware/software partitioning using integer programming 73035
Niemann, R. *see* Balachandran, U. 91234
Niemczyk, T.M. *see* Zhang, S. 60689
Niemeijer, R.J., Van Sinttruyen, J.S., Ligthart, L.P. Determination of the polarisation parameters of semi-stationary radar targets using high-resolution Doppler classes 68692
Niemela, A., Grodzins, L. Design of an XRF system for in vivo measurement of lead in bone 101209
Niemela, A., Sipila, H., Ivanov, V.I. High-resolution p-i-n CdTe and CdZnTe X-ray detectors with cooling and rise-time discrimination 80074
Niemela, A., Sipila, H., Ivanov, V.I. High-resolution p-i-n CdTe and CdZnTe X-ray detectors with cooling and rise-time discrimination 100861
Niemela, M., Pyrhonen, J. Development of a 25 kW single-phase capacitor start and run motor for a piston compressor drive 91826
Niemela, V.A., Bowman, W.C. Comparison of GaAs and silicon synchronous rectifiers in a 3.3 V out, 50 W DC-DC converter 121643
Niemelae, A., Sipilae, H., Ivanov, V.I. Improving CdZnTe X-ray detector performance by cooling and rise time discrimination 110576
Niemeyer, J. *see* Khabipov, M.I. 104460
Niemeyer, J. *see* Kuzmin, L.S. 63815
Niemeyer, J. *see* Zorin, A.B. 74776
Niemeyer, L. *see* Mauthe, G. 64161
Niemeyer, L. *see* Piemontesi, M. 81615
Nieminen, K., Seppa, T.O. Transmission structures as landscape art 111643
Niemoller, H.-G. *see* Kasties, G. 79060
Nien Chung Lee *see* Chun Hsing Liu 72836
Nieniewski, M. *see* Kurianski, A. 67155
Nierman, D. *see* Attar, G. 112369
Niess, K. *see* Hofer, E. 81950
Niessen, W.J., Vincken, K.L., Viergever, M.A. Comparison of multiscale representations for a linking-based image segmentation model 110753
Niessen, W.J. *see* Vincken, K.L. 86366
Niessner, H. Simulator will have greater scope than the power plant 102483
Niestroj, A., Hartmann, F.J., Daniel, H., Ketzer, B., von Egidy, T., Maas, F.E., Hayano, R.S., Ishikawa, T., Tamura, H., Torii, H.A., Morita, N., Yamazaki, T., Sugai, I., Nakayoshi, K., Horvath, D., Eades, J., Widmann, E. Analog measurement of delayed antiproton annihilation time spectra in a high intensity pulsed antiproton beam 80008
Nieto, J.J. *see* Liz, E. 92630
Nieto, L.Roca *see* Roca Nieto, L.
Nieto, M.Delgado de *see* Delgado de Nieto, M.
Nieto, M.M. *see* Holzscheiter, M.H. 79984
Nieuborg, N. *see* Kirk, A.G. 85282
Nieuborg, N. *see* Thienpont, H. 85190
Nieuwenhove, K.Van *see* Van Nieuwenhove, K.
Nieuwenhove, R.van *see* van Nieuwenhove, R.
Nieuwenhuizen, K. *see* Reader, A. 105531
Nieuwenkamp, H. *see* Noomen, J.G. 100546
Nieuwesteeg, K.J.B.M. *see* Bijlsma, S.J. 89353
Nieuwesteeg, K.J.B.M. *see* Bijlsma, S.J. 105518
Nieuwesteeg, K.J.B.M. *see* Shannon, J.M. 89258
Nieuwoudt, M.M. *see* Coetzee, J.C. 114235
Nieva, G. *see* Lopez, D. 75323
Niewiedzial, R. Arc plasmatrons with a hollow cathode. II. Construction investigations 71936
Niewierowicz, T., Kawecki, L., De La Rosa, J. Identification of the average electrical parameters of a Blumlein N$_2$-lasers 107129
Niewoehner, R.J., Kaminer, I.I. Design of an autoland controller for an F-14 aircraft using H_∞ synthesis 80741
Nieznanski, J., Box, B. Common processor element MCM packaging 92271
Nigam, T. *see* Depas, M. 105486
Nigg, B.M. *see* van den Bogert, A.J. 80194
Niggebrugge, U. *see* Janiak, K. 94809
Niggli, H. *see* Erdmann, W. 69864
Nighan, W.L., Jr., Craig, B. DPSS lasers challenge water-cooled ion lasers 65118
Nighan, W.L., Jr. *see* Craig, B.B. 75877
Nightingale, M.P. *see* Granato, E. 95462
Nigmatulin, B.I. *see* Balashov, S.M. 102394
Nigmatulin, B.I. *see* Dinh, T.N. 71098
Nigon, F., Cros, D., Aubourg, M., Guillon, P. Characterization of a whispering gallery dielectric resonator coupled to two parallel microstrip lines 93722
Nigon, F., Cros, D., Aubourg, M., Guillon, P. Power combiners using whispering gallery dielectric resonators coupled to two parallel microstrip lines 114241
Nigon, F. *see* Cros, D. 83319
Nigri, A. *see* Kastrup, O. 121243
Nigrin, J. *see* Tannous, C. 76439
Nigro, N.J. *see* Nambisan, B.U. 83590
Nihei, E. *see* Ishigure, T. 64640
Nihei, E. *see* Koike, Y. 75438
Nihei, E. *see* Muto, S. 75551
Nihei, K. Recent and future technical trends of electrochemical microfabrication technology in Japanese electronics 63856
Nihei, M. *see* Aritaka, N. 98856
Niho, T. *see* Horie, T. 107707
Niho, T. *see* Horie, T. 107732
Nihong Gu *see* Gu Nihong
Nihtinen, J. *see* Hirvonen, J. 67426
Nii, K., Arasawa, T., Kurashima, K., Kachi, S. Optical transmission equipment for multi-drop TDM systems 121111
Nii, M. *see* Itoh, Y. 104876
Nii, T. *see* Kushiya, K. 112392
Niida, S. *see* Uzawa, Y. 106914
Niigaki, M., Hirohata, T., Suzuki, T., Ohishi, N., Furuta, S., Kan, H., Hiruma, T. Near infrared photomultiplier with transfered electron photocathode 94208
Niikura, H. *see* Itoh, K. 95737
Niikura, S. *see* Oda, T. 100029
Niikura, Y., Yamagata, M., Takano, H., Matsumoto, T., Sato, K. Derivation of effective noise suppression factor of Si-photodiodes at low frequencies 64946
Niimi, K. *see* Ishide, A. 80556
Niimura, M. *see* Ichiya, Y. 87603
Niimura, N. *see* Kato, K. 110769
Niimura, N. *see* Takahashi, K. 110588
Niimura, T., Dommel, H.W., Marti, J.R. An intelligent guide to support EMTP simulation 101756
Niimura, T., Yokoyama, R. Post-processing of economic dispatch solutions for security enhancement based on approximate reasoning 70733
Niina, T. *see* Bessho, Y. 65252
Niina, T. *see* Hamada, H. 74735
Niinikoski, T.O. *see* Kyynarainen, J.M. 120097
Niino, F. *see* Suzuki, Y. 82766
Niino, H., Yabe, A. Chemical surface modification of fluorocarbon polymers by excimer laser processing 92967
Niinomi, M., Kobayashi, T. Fracture characteristics analysis related to the microstructures in titanium alloys 113510
Niinomi, T., Tomiyasu, H., Kameyama, Y., Tsukamoto, M., Tanaka, Y., Shimomura, J.F.S., Ochiai, T. Design of high performance chemically amplified resist 105771
Niinomi, T. *see* Mineo, Y. 92132
Niioka, A., Mori, S. Maintenance robots for unmanned sewage pumping stations 71961
Niiro, Y., Dawson, S.W., Roberts, J. A new approach to procurement practices for the undersea cable industry 88063
Niisoe, N. *see* Kuroda, T. 79547
Niisoe, N. *see* Tsukamoto, A. 110214
Niitsu, Y., Mizuno, O., Oyamada, S. Design of an integrated service creation environment for the advanced intelligent network 78154
Niitsuma, H. *see* Ebihara, S. 117367
Niitsuma, H. *see* Nagano, K. 90760
Niitsuma, H. *see* Nagano, K. 101518
Niiyama, S., Nishimura, A., Watanabe, M., Takahashi, K., Kitayama, Y. Development of a single-slot 1000-fiber optical cable 99585
Niiyama, S. *see* Hirai, Y. 89447
Niiyama, S. *see* Kumai, H. 95853
Niiyama, T. *see* Itoh, S. 73999
Niiyama, T. *see* Itoh, S. 83741
Niiyama, Y., Satoh, N., Kutsuzawa, O., Hishikawa, Y. Electrophysiological evidence suggesting that sensory stimuli of unknown origin induce spontaneous K-complexes 90524
Niizuma, K., Hasegawa, M. Evaluation of contact surface configuration with a scanning laser microscope 62415

Niizuma, K. *see* Hasegawa, M. 62432
Niizuma, K. *see* Koumura, H. 64346
Nijenhuis, J.te *see* te Nijenhuis, J.
Nijenhuis, M. *see* Bech, S. 110291
Nijenhuis, M.R.M., Blommaert, F.J.J. A perceptual error measure for sampled and interpolated complex colour images 117747
Nijhawan, O.P. *see* Singh, I. 69403
Nijhof, J. *see* Huy Linh Anh Le 78028
Nijhof, J. *see* Prasad, N.R. 78477
Nijhof, J.A.M. *see* Prasad, R. 98464
Nijhof, J.A.M. *see* Prasad, R. 108866
Nijhuis, A., ten Kate, H.H.J., Bruzzone, P., Bottura, L. Parametric study on coupling loss in subsize ITER Nb$_3$Sn cabled specimen 95558
Nijhuis, J.A.G., Ter Brugge, M.H., Helmholt, K.A., Pluim, J.P.W., Spaanenburg, L., Venema, R.S., Westenberg, M.A. Car license plate recognition with neural networks and fuzzy logic 66962
Nijhuis, J.A.G. *see* Diepenhorst, M. 62138
Nijhuis, J.A.G. *see* Keegstra, H. 104758
Nijhuis, J.A.G. *see* ter Brugge, M.H. 108512
Nijim, Y.W., Stearns, S.D., Mikhael, W.B. Lossless compression of images employing two dimensional differentiators 98108
Nijim, Y.W., Stearns, S.D., Mikhael, W.B. Differentiation applied to lossless compression of medical images 101197
Nijim, Y.W., Stearns, S.D., Mikhael, W.B. Lossless compression of images employing a linear IIR model 117878
Nijs, J., Demesmaeker, E., Szlufcik, J., Poortmans, J., Frisson, L., De Clercq, K., Ghannam, M., Mertens, R., Van Overstraeten, R. Recent improvements in the screenprinting technology and comparison with the buried contact technology by 2D-simulation [solar cells] 103004
Nijs, J. *see* Szlufcik, J. 112416
Nijs, J.M.M.de *see* de Nijs, J.M.M.
Nikam, P.S., Aher, H.S. Conduction mechanisms in co-deposited Bi-Se and Sb-Se thin films 74293
Nikander, A., Lakervi, E., Suontausta, J. Applications of transient phenomena during earth-faults in electricity distribution networks 81030
Nikanorov, V.V., Ostanin, S.Yu., Shmelyova, G.A. The circuit model of hysteresis motor under conditions of nonsinusoidal and nonsymmetrical power supply 102662
Nikanorova, E.A. *see* Kotov, B.B. 106760
Nikawa, K., Inoue, S. Application of laser beam heating method to actual device failure analysis [VLSI] 74801
Nikawa, K., Inoue, S. New laser beam heating methods applicable to fault localization and defect detection in VLSI devices 106188
Nikawa, K., Inoue, S. Void, Si nodule and current observations by optical beam heating and current change measurement 115011
Nikawa, Y., Chino, M., Kikuchi, K. Soft and dry phantom modeling material using silicone rubber with carbon fiber 120545
Nikel, R. *see* Blennemann, H. 60655
Nikezic, D., Baixeras, C. Radon, radon progeny and equilibrium factor determination using an LR115 detector 70259
Nikezic, D., Baixeras, C., Kostic, D. Sensitivity determination and optimisation of a cylindrical diffusion chamber, for radon measurements, with a CR39 detector 69778
Niki, H. *see* Harada, M. 113237
Niki, H. *see* Onishi, Y. 105760
Niki, H. *see* Usui, M. 72613
Niki, K. *see* Arai, S. 79811
Niki, K. *see* Maruyama, K. 100989
Niki, N. *see* Kawata, Y. 80359
Niki, N. *see* Kawata, Y. 101318
Niki, N. *see* Kubo, M. 101311
Niki, N. *see* Mino, K. 101148
Niki, N. *see* Sammouda, R. 101146
Niki, N. *see* Tozaki, T. 101264
Niki, N. *see* Ukai, Y. 101265
Niki, S., Fons, P.J., Kurafujii, T., Makita, Y., Yamada, A., Wengang Bi, Tu, C.W. Properties of CuInSe$_2$ epitaxial films grown on pseudo lattice-matched substrates grown by molecular beam epitaxy 83879
Niki, S., Fons, P.J., Yamada, A., Kurafuji, T., Chichibu, S., Nakanishi, H., Bi, W.G., Tu, C.W. High quality CuInSe$_2$ films grown on pseudo-lattice-matched substrates by molecular beam epitaxy 92685
Niki, S. *see* Bottomley, D.J. 85612
Niki, S. *see* Fons, P.J. 82605
Niki, S. *see* Yamada, A. 64914
Niki, S. *see* Yamada, A. 82604
Nikias, C.L. *see* Heidari, S. 76986
Nikias, C.L. *see* Heidari, S. 107953
Nikias, C.L. *see* Tsakalides, P. 77030
Nikias, C.L. *see* Tsakalides, P. 119277
Nikias, C.L. *see* Tsihrintzis, G.A. 76978
Nikias, C.L. *see* Tsihrintzis, G.A. 86280
Nikias, C.L. *see* Tsihrintzis, G.A. 117500
Nikiforov, A.D., Orlov, A.N., Osipov, V.V. Repetitive TEA CO$_2$ laser with tunable pulse width and output energy 75816
Nikiforov, A.I. *see* Yakimov, A.I. 105193
Nikiforov, A.Y., Chumakov, V.I., Skorobogatov, O. CMOS IC transient radiation effects investigations, model verification and parameter extraction with the test structures laser simulation tests 115360
Nikiforov, A.Y. *see* Gromov, D.V. 105889
Nikiforov, I.V. On-line diagnosis of dynamic-stochastic systems 103505
Nikiforov, I.V. New optimal approach to global positioning system/differential global positioning system integrity monitoring 109821
Nikiforov, S., Golubev, V., Solnyshkov, D., Svinin, M., Voronin, G. Ion sources for use in research and applied high voltage accelerators 90091
Nikiforovsky, A. *see* Kashikhin, V. 90059
Nikishenkov, S.V. *see* Kornaukhov, A.V. 73700
Nikishenkov, S.V. *see* Kornaukhov, A.V. 73710
Nikishenkov, S.V. *see* Kornaukhov, A.V. 73714
Nikishin, S.A. *see* Antipov, V.G. 104061
Nikishkov, G.P., Makinouchi, A. Efficiency of the domain decomposition method for the parallelization of implicit finite element code 82564
Nikita, K.S., Marsh, A.J. Focusing of the pulse modulated radiation of a concentric waveguide array in biological tissues: an investigation made feasible by HPC 90489
Nikita, K.S., Uzunoglu, N.K. Generation of a highly focused electromagnetic field in a lossy biological medium by controlling the phase and time excitation of the microwave sources 101421
Nikita, K.S., Uzunogu, N.K. Analysis of focusing of pulse modulated microwave signals inside a tissue medium 120494
Nikita, K.S. *see* Marsh, A. 120377
Nikitakos, N. *see* Frangos, P. 68602
Nikitakos, N.V. *see* Kirsteins, I.P. 117469
Nikitenko, V.I., Gornakov, V.S., Dedukh, L.M., Kabanov, Yu.P., Khapikov, A.F., Bennett, L.H., Chen, P.J., McMichael, R.D., Donahue, M.J., Swartzendruber, L.J., Shapiro, A.J., Brown, H.J., Egelhoff, W.F., Jr. Magneto-optical indicator film study of the magnetization of a symmetric spin valve 115633
Nikitenko, V.I., Gornakov, V.S., Dedukh, L.M., Khapikov, A.F., Bennett, L.H., McMichael, R.D., Swartzendruber, L.J., Shapiro, A.J., Donahue, M.J., Matveev, V.N., Levashov, V.I. Magneto-optical indicator film (MOIF) microscopy of granular and layer structures 79655
Nikitichev, A.A., Pis'mennyi, V.A. 1 W CW 2.12 μm lamp pumped room temperature YAG:Yb-Ho laser 107171
Nikitin, A.P. *see* Chebotarev, A.P. 100016
Nikitin, A.P. *see* Postnov, D.E. 82900
Nikitin, A.V. *see* Kozlitin, A.I. 83781
Nikitin, I.P. *see* Meriakri, V.V. 110342
Nikitin, P.I., Valeiko, M.V., Gorbanzade, A.M., Beloglazov, A.A., Konov, V.I. Laser synthesis and magneto-optics of thin films of amorphous magnetics 64462
Nikitin, P.I. *see* Beloglazov, A.A. 79590
Nikitin, P.I. *see* Ksenevich, T.I. 69328
Nikitin, S.A. A concept of obtaining longitudinal polarization at the JINR tau-charm factory 120033
Nikitin, V. *see* Levy, J. 74329
Nikitina, I.P. *see* Maltsev, A.A. 103987
Nikitina, I.P. *see* Melnik, Yu.V. 104065
Nikitina, I.P. *see* Nikolaev, A.E. 105215
Nikitina, I.P. *see* Rastegaeva, M.G. 105742
Nikitina, Yu.M., Pflueger, J. Two novel undulator schemes with quadrupolar focusing for the VUV-FEL at the TESLA test facility 96536
Nikitina, Yu.M. *see* Brefeld, W. 96530
Nikitov, S.A. *see* Boardman, A.D. 64488
Nikitov, S.A. *see* Boyle, J.W. 75153
Nikkel, P. *see* Yu, Z. 94589
Niklas, A. *see* Wevers, M. 113617
Niklason, L.T. *see* Heang-Ping Chan 110727
Niklasson, G.A. *see* Stromme, M. 84045
Niklasson, L., Nilsson, J.-E. Radar imaging of air targets using high range resolution and time filtering at high radar frequencies 68694
Nikles, D.E. *see* Cain, J.L. 106514
Nikles, D.E. *see* Cain, J.L. 115526
Nikles, D.E. *see* Jianping Chen 115523
Nikles, J.A. *see* Cain, J.L. 106514
Nikles, M., Gabioud, C., Thevenaz, L., Robert, P. Highly accurate measurements of temperature and strain-dependence of Brillouin gain in single-mode fibres 64696
Nikles, M., Thevenaz, L., Robert, P.A. Simple distributed fiber sensor based on Brillouin gain spectrum analysis 69219
Nikmanesh, N. *see* Li, Y. 62464
Nikodemova, D. *see* Kunzmann, S. 69706
Nikoh, H. *see* Yamaguchi, T. 105672
Nikolaenko, S.I. *see* Trofimov, A.I. 97405
Nikolaev, A. *see* Anokhin, A.P. 110823
Nikolaev, A.E., Nikitina, I.P., Dmitriev, V.A. Highly nitrogen doped 3C-SiC grown by liquid phase epitaxy 105215
Nikolaev, A.G., Yushkov, G.Yu., Oks, E.M., MacGill, R.A., Dickinson, M.R., Brown, I.G. Vacuum arc trigger systems based on ExB discharges 114500
Nikolaev, A.V. *see* Kharton, V.V. 81801
Nikolaev, A.V. *see* Naumovich, E.N. 81802
Nikolaev, D. *see* Bufetova, G.A. 116439
Nikolaev, I.P. *see* Larichev, A.V. 65429
Nikolaev, I.P. *see* Larichev, A.V. 96663
Nikolaev, J. *see* Puhlmann, N. 79664
Nikolaev, N., Dreischuh, A., Dinev, S. Complementary pairs of dark and bright optical pulses obtained by induced switching at a nonlinear interface 76116
Nikolaev, N.I. *see* Kavin, A.A. 102774
Nikolaev, V. *see* Artemiev, V. 80101
Nikolaev, V.D. Current research of COIL in Samara 116317
Nikolaev, V.D. *see* Zagidullin, M.V. 107061
Nikolaev, V.D. *see* Zagidullin, M.V. 116323
Nikolaev, V.I. *see* Bulman, G.E. 65240
Nikolaev, V.I. *see* Bulman, G.E. 96329
Nikolaev, V.I. *see* Gusev, V.K. 107815
Nikolaeva, O.Y., Odintsov, A.I., Fedosejev, A.I., Fedjanovich, A.V. Resonator systems providing self-pulsing oscillations in fast flow gas lasers 107417
Nikolaidis, N., Pitas, I. Multichannel L filters based on reduced ordering 117586
Nikolaidis, N. *see* Cerutti, S. 110852
Nikolaidis, N. *see* Pitas, I. 77270
Nikolaidis, T., Richier, C., Reffay, M., Mortini, P., Pananakakis, G. Influence of parasitic structures on the ESD performance of a pure bipolar process 115322
Nikolajsen, F., Kringhoj, P., Nylandsted Larsen, A. Substitutional gold in Si$_{1-x}$Ge$_x$ 105575
Nikolakeas, S. *see* Michael, Ch. 120439
Nikolaou, C.N. *see* Georgiannakis, G.Y. 78132
Nikolaus, B. *see* Basting, D. 107072
Nikolenko, M.Yu. *see* Boyko, I.R. 79996
Nikolic, K. *see* Sordan, R. 74777
Nikolic, P.M., Todorovic, D.M., Bojicic, A.I., Radulovic, K.T., Urosevic, D., Elazar, J., Blagojevic, V., Mihajlovic, P., Miletic, M. Transport properties of carriers in GaAs obtained using the photoacoustic method with the transmission detection configuration 94323
Nikolic, P.M., Todorovic, D.M., Vasiljevic, D.G., Mihajlovic, P., Radulovic, K., Ristovski, Z.D., Elazar, J., Blagojevic, V., Dramicanin, M.D. A photoacoustic investigation of transport properties and thermal diffusivity of InSb single crystals 83827
Nikolopoulos, P. *see* Naoumidis, A. 81818
Nikolopoulos, P.V., Sreedharan, V.P. An algorithm for non-negative least error minimal norm solutions 82520
Nikolora, E., Huang, T., Wenzel, P., Bender, K. Certification of "Profibus-DP" instruments 110018
Nikolos, D. *see* Gizopoulos, D. 61816
Nikolos, D. *see* Voyiatzis, I. 61771
Nikolos, D. *see* Voyiatzis, J. 83095
Nikolov, N.A. *see* Yovchev, I.G. 105025
Nikolov, S., Wetenkamp, L. Diode pumped erbium lasers at 1.55 μm and 1.64 μm in single frequency operation 107176
Nikolov, S.G. *see* Mittermayr, C.R. 117398
Nikolov, Z., Strelkov, I., Korsemov, C. Resonance converters switching on zero bias 91639
Nikolov, Z., Unger, H.-G. Integrated-optic prism on the basis of phased waveguide array 95919
Nikolova, L., Todorov, T., Ivanov, M., Andruzzi, F., Hvilsted, S., Ramanujam, P.S. Polarization holographic gratings in side-chain azobenzene polyesters with linear and circular photoanisotropy 96772
Nikolova, M., Mohammad-Djafari, A. Eddy current tomography using a binary Markov model 72998
Nikolovski, J.P., Fournier, D. Lamb wave (X, Y) detector 80684
Nikolovski, S. *see* Hebel, Z. 111553
Nikols, M. *see* Sadwick, L.P. 103930
Nikol'skii, A.A. *see* Kudryavtsev, A.V. 103065
Nikol'skii, M.Yu. *see* Apollonov, V.V. 107405
Nikolsky, A.V. *see* Gorely, K.I. 116912
Nikonorov, N.V. *see* Dianov, E.M. 96664
Nikonov, A.A. A low-temperature device for measuring differential magnetic susceptibility via double lock-in detection 79350
Nikonov, D.E. *see* Zibrov, A.S. 96116
Nikookar, H., Prasad, R. OFDM performance evaluation over measured indoor radio propagation channels 68072
Nikookar, H., Prasad, R. Performance evaluation of multi-carrier transmission over measured indoor radio propagation channels 88121
Nikoonahad, M., Leslie, B.C., Stokowski, S.E., Trafas, B.M., Wells, K.B. New laser scanning techniques for wafer inspection 85778
Nikoskinen, K.I. *see* Lindell, I.V. 107966
Nikoskinen, K.I. *see* Pekonen, O.P.M. 82831
Nikoukhah, R. *see* Levy, B.C. 92427
Nikula, E., Himanen, R. Extending fire PSA of NPP TVO I/II to instrumentation systems 111743
Nikulenkov, E.V. *see* Salunin, N.I. 95424
Nikulenkov, E.V. *see* Vedernikov, G.P. 95421
Nikulin, A. *see* Vorobiova, A. 95427
Nikulin, A.A. *see* Aktsipetrov, O.A. 85696
Nikulin, A.A. *see* Rubtsov, A.N. 107518
Nikulin, A.D., Shikov, A.K., Antipova, E.V., Akimov, I.I., Kazakov, E.G., Vargin, V.A., Medvedev, M.I., Popov, F.V., Kozlenkova, N.I., Klepatsky, V.E., Klimenko, E.Yu., Kruglov, V.S., Davlat'yan, T.A. Critical properties of silver clad Bi,Pb-2223 tape superconductors 95410
Nikulin, A.D. *see* Kozlenkova, N.I. 95428
Nikulin, A.D. *see* Pantsyrnyi, V.I. 95565
Nikulin, A.D. *see* Pantsyrnyi, V.I. 95566
Nikulin, A.D. *see* Salunin, N.I. 95424
Nikulin, A.D. *see* Vedernikov, G.P. 95421
Nikulin, M.G. *see* Vinogradov, S.V. 110479
Nikulin, S.P. *see* Gavrilov, N.V. 90117

Nikulin, Yu.M. Experience of combining the Chaika and Loran-C radionavigation systems and prospects for their use 109823
Nikulina, L. *see* Borovkov, A.I. 95581
Nikumbh, M.S., Gore, V., Gore, B.B. Properties and photovoltaic application of CdS films grown by dip coating technique 112418
Nilausen, J. APPN: Communications scenarios 77858
Nilausen, J. APPN–the control point 98574
Nilausen, J. NetSP–network security program 98696
Nilchan, S. *see* Foscolos, M.P. 71037
Niles, D. *see* Gessert, T.A. 91731
Niles, D.W., Xiaonan Li, Albin, D., Rose, D., Gessert, T., Sheldon, P. Evaporated Te on CdTe: a vacuum-compatible approach to making back contact to CdTe solar cell devices 91737
Niles, G., Tormollen, D.L. Utilizing existing transmission structures to support antenna brackets for the communications industry 121205
Niles, G.B. In situ method of inspecting anchor rods for section loss using the cylindrically guided wave technique 91210
Niles, L.T. *see* Wilcox, L.D. 67110
Nilles, J. *see* Cacharelis, P. 63917
Nilolov, S.G., Hutter, H., Grasserbauer, M. De-noising of SIMS images via wavelet shrinkage 117746
Nilsen, J. *see* Li, Y.L. 116306
Nilsen, J. *see* Moreno, J.C. 75818
Nilsen, J. *see* Yuelin Li 65016
Nilsen, S.M. *see* Krishnamurthi, K. 62242
Nilssen, R. *see* Nysveen, A. 107725
Nilssen, R. *see* Undeland, T.M. 93975
Nilsson, A. *see* Attas, E.M. 102404
Nilsson, A. *see* Kuo, C.Y. 78814
Nilsson, A. *see* Perry, M. 77904
Nilsson, A.A. *see* Jou, Y.F. 78120
Nilsson, A.A. *see* Ouyang, T. 67518
Nilsson, A.A. *see* Stokes, O.L. 87951
Nilsson, A.A. *see* Tung Ouyang 109036
Nilsson, A.A. *see* Tung Ouyang 109060
Nilsson, A.A. *see* Vu, K.V. 77649
Nilsson, B., Nygards, J. Sensor motion planning with active uncertainty reduction: gripping and docking tasks 86233
Nilsson, G. *see* Chapman, M. 77891
Nilsson, H.-E., Sannemo, U., Petersson, C.S. Investigation of hot carrier transport in silicon permeable base transistors 63639
Nilsson, J. *see* Ringbom, A. 69874
Nilsson, J. *see* Ringbom, A. 80134
Nilsson, J.-E. *see* Niklasson, L. 68694
Nilsson, J.E.M. Soft decoding employing algebraic decoding beyond e_{BCH} 66445
Nilsson, J.E.M. Interference robustness of coded spread spectrum signals for HF communications 101640
Nilsson, L. *see* Ringbom, A. 69874
Nilsson, L. *see* Ringbom, A. 80134
Nilsson, M. *see* Almen, A. 90653
Nilsson, N.E. A comparison of ANSI and IEC standards for power station polyphase induction (asynchronous) motors 111973
Nilsson, O., Petersson, I. A high power density, semi-bipolar, lead-acid battery for electric hybrids 112213
Nilsson, O., Sjelvgren, D. A mixed-integer model for daily hydro planning 102022
Nilsson, P. Description of a laboratory jammer for automatic HF systems 99070
Nilsson, P., Torkelson, M. A monolithic digital clock-generator for on-chip clocking of custom DSP's 61947
Nilsson, P. *see* Hurkmans, C. 101447
Nilsson, S., Zeindl, H.P., Kruger, D., Klatt, J., Kurps, R. Surfactant-mediated growth of SiGe/Si quantum-well structures studied by photoluminescence technique and secondary ion mass spectrometry 114757
Nilsson, S. *see* Blumenthal, D.J. 78697
Nilsson, S. *see* Kjebon, O. 107236
Nilsson, S. *see* Oberg, A. 62440
Nilsson, S. *see* Shell, M. 109661
Nilsson, S. *see* Tang, Y.S. 63001
Nilsson, S. *see* Zeindl, H.P. 61214
Nilsson, S. *see* Zeindl, H.P. 62844
Nilsson, S. *see* Zeindl, H.P. 114733
Nilsson, U.L. *see* Frennesson, C. 70252
Nim Cheung *see* Bajaj, S. 98680
Nimberger, A., Dafner, G., Roza, A. Safety and reliability improvements in the application of lithium-sulphur dioxide batteries 112190
Nimberger, A., Schwartz, R., Roza, A., Yamin, H. Development of a state-of-charge meter for lithium-manganese dioxide cells and batteries 112191
Nimmersjo, G. *see* Hart, D.G. 102250
Nims, J.W., Smith, R.E., El-Keib, A.A. Application of a genetic algorithm to power transformer design 121538
Nimtz, G. *see* Ren, J. 83836
Nimtz, G. *see* Schroeder, A. 105207
Nin, J., Tao, Y.M., Xu, J.Z., Li, X.G. A portable solid-state millimeter-wave pulse Doppler radar sensor adapted for short distance safety warning system 78986
Nin, J. *see* Tao, Y.M. 73706
Nin Shenjun *see* Shenjun Nin
Ninagawa, N. *see* Yasui, K. 104164
Ninane, A. *see* Catford, W.N. 69884
Ninane, N. Parabolic liquid mirrors: reference surfaces in interferometry 76277
Ning, D. *see* Lou, Q. 105104
Ning, J.H., Yuan, J.S., Sinanan-Singh, R. Effects of base and emitter doping gradients on the electrical performance of heterojunction bipolar transistors 105925
Ning, J.H. *see* Yuan, J.S. 94941
Ning, T.H. Trade-offs between SiGe and GaAs bipolar ICs 84568
Ning, T.H. *see* Chen, B.A. 84579
Ning, X.G. *see* Avalos-Borja, M. 104152
Ning, X.J. *see* Chien, F.R. 61219
Ning, X.J. *see* Heera, V. 105587
Ning, X.J. *see* Wu, C.H. 103979
Ning, Y.b., Mitchell, A.W., Tait, R.N. Fabrication of a silicon micromachined capacitive microphone using a dry-etch process 84633
Ning, Y.N., Grattan, K.T.V., Palmer, A.W. Fringe beating effects induced by misalignment in a white-light interferometer 69199
Ning, Y.N. *see* Jiang, X.Q. 89538
Ning, Y.N. *see* Marshall, R.H. 79485
Ning, Y.N. *see* Wang Zhengping 119825
Ning, Y.N. *see* Zhang, W. 100086
Ning Cai *see* Cai Ning
Ning Chan *see* Kin Man Yu 74526
Ning Chan *see* Maxwell, J. 84503
Ning Chang, Golomb, S.W. 7200-phase generalized Barker sequences 76690
Ning Chen *see* Chang-Chun Zhu 74009
Ning Chen Charng *see* Chen Charng Ning
Ning Dai, Lee, F.C. Design of a high density low-profile transformer 62388
Ning Dai, Lee, F.C. Characterization and analysis of parasitic parameters and their effects in power electronics circuit 121679
Ning Dai *see* Dai Ning
Ning Deng *see* Deng Ning
Ning Duan *see* Huiting Chen 61321
Ning Ge *see* Ge Ning
Ning Guo, Morgera, S.D., Mermelstein, P. Common packet data channel (CPDC) for integrated wireless DS-CDMA networks 68089
Ning Guo, Morgera, S.D., Mermelstein, P. Common packet data channel (CPDC) architecture for CDMA integrated wireless access networks 87985
Ning Jiping, Xiao Xuhui, Tang Shengshu, Xiong Ying, Yao Jianquan High power Q-CW diode laser array side-pumped Nd:YAG laser 116452
Ning Kao *see* Kao Ning
Ning Kong, Eng, T., Milstein, L.B. A selection combining scheme for RAKE receivers 68238
Ning Kong *see* Eng, T. 109353
Ning Lei, Bing Xu, Zhonghong Jiang Ti:sapphire laser pumped Nd:tellurite glass laser 75891
Ning Lei *see* Bing Xu 96217
Ning Li *see* Jiqun Shi 91745
Ning Liu, Touhara, H., Okino, F., Kawasaki, S., Nakacho, Y. Solid-state lithium cells based on fluorinated fullerene cathodes 102942
Ning Ma, Vray, D., Delachartre, P., Gimenez, G. Sea-bottom backscattering modeling with a wideband constant beamwidth sonar at normal incidence 109817
Ning Mei Yu *see* Shibata, T. 73611
Ning Sun, Hesterman, B. PSpice high frequency dynamic fluorescent lamp model 71888
Ning Wang, Liren Liu Optoelectronic implementation of pattern spectrum 86331
Ning Wang, Liren Liu Visual pattern recognition network: its training algorithm and its optoelectronic architecture 98011
Ning Wang, Yaozu Yin, Jiajun Qian, Liren Liu Compact solid-state optical multi-stage network 64853
Ning Wang *see* Binquan Wang 117663
Ning Xiaohui *see* Xiaohui Ning
Ning Yang *see* Yang Ning
Ning Ye *see* Chuangtian Chen 65518
Ning Ye *see* Chuangtian Chen 107555
Ning Yu *see* Wen, Q. 119593
Ning Zhang, Chwan-Hwa Wu Adaptive modeling of macro block bit-quantization mapping for MPEG encoders 117698
Ning Zhang, Holtzman, J.M. Analysis of a CDMA soft handoff algorithm 88373
Ning Zhou *see* Elhakeem, A.K. 88448
Ning Zhu, Asteriadis, A., Kindel, B., Blanas, I.T., Philippou, M., Rigos, A. A real time implementation of multi-tariff interchange monitor, accounting and control 101877
Ningjia Zhu, Ming Lei, Hong Guo Magnetoresistance oscillation in window-coupled wire systems 63012
Ninglong Lu, Jian-Ming Jin Application of fast multipole method to finite-element boundary-integral solution of scattering problems 76366
Ningning Fan *see* Haiming Deng 87144
Ningning Yan *see* Brunner, H. 61079
Ningning Yan *see* Yan Ningning
Ningqun Guo *see* Scudder, L.P. 104203
Ningzhou Cui *see* Cui Ningzhou
Ninkov, Z. *see* Backer, B. 100118
Ninkov, Z. *see* Corba, M. 98276
Ninnis, T. *see* Holstein, D. 93764
Nino-de-Rivera, L., Nakano-Miyatake, M., Sanchez, J.C., Perez-Meana, H., Sanchez-Sinencio, E. VLSI implementation of an extended Hamming neural network for non-binary pattern recognition 93639
Ninoi, E. *see* Koshino, M. 67825
Ninomiya, Aoyagi, T., Azumi, M., Cheng, C.Z., Fujita, T., Funahashi, A., Ide, S., Ikeda, Y., Kamada, Y., Kikuchi, M., Kishimoto, H., Kurita, G., Kuriyama, M., Miya, K., Nagami, M., Nagashima, K., Naito, O., Nakagawa, K., Nakajima, S., Oguri, S., Ozeki, T., Sakasai, A., Shimada, M., Shimada, R., Shimizu, K., Takahashi, Y., Takizuka, T., Tanaka, S., Toyoshima, N., Uesaka, M., Ushigusa, K., Wakatani, M., Nakagawa, S., Nakashima, K., Otsuka, M. Conceptual design of JT-60 Super Upgrade 64569
Ninomiya, A., Inada, T., Akiba, K., Kanda, Y., Uriu, Y., Ishigohka, T. Quench of superconducting magnet induced by mechanical disturbance using impact hammer 95592
Ninomiya, A. *see* Ishigohka, T. 95595
Ninomiya, A. *see* Satow, T. 95514
Ninomiya, H., Egawa, K., Kamio, T., Asai, H. Design and implementation of neural network logic circuits with global convergence 104448
Ninomiya, H. *see* Kamio, T. 108286
Ninomiya, H. *see* Yamaguchi, M. 105942
Ninomiya, I. *see* Slack, P.A. 119498
Ninomiya, J. *see* Sakoda, S. 112877
Ninomiya, K., Harada, K., Miyazaki, I. On the low frequency voltage ripple of the boost converter for active filter 102850
Ninomiya, K., Kure, T., Sude, Y., Kuroda, K., Todokoro, H. A nondestructive analysis technique for residual thin films in deep-submicron contact holes 103415
Ninomiya, K. *see* Hishikawa, Y. 103018
Ninomiya, N. *see* Tokuchi, A. 91640
Ninomiya, S. Design study of a low-output impedance RF power source - the way to MW-beam acceleration 90066
Ninomiya, S., Kimura, S., Ohtomo, N., Hamatsu, N., Kobayashi, T., Mizusaki, S. Acoustic Osteo Screener AOS-100 101276
Ninomiya, S. *see* Daido, H. 96101
Ninomiya, S. *see* Watanabe, A. 83882
Ninomiya, T., Saito, T., Ohashi, Y., Yatsuka, H. 60-GHz transceiver for high-speed wireless LAN system 99097
Ninomiya, T. *see* Ikeda, N. 115155
Ninomiya, T. *see* Kohama, T. 121780
Ninomiya, T. *see* Mizoguchi, T. 82934
Ninomiya, T. *see* Nakata, T. 111810
Ninomiya, T. *see* Sabanovic-Behlilovic, N. 81563
Ninomiya, T. *see* Shoyama, M. 102935
Ninomiya, T. *see* Uchiyama, S. 65343
Ninomiya, T. *see* Uchiyama, S. 76017
Ninomiya, T. *see* Yoshida, K. 121623
Ninomiya, T. *see* Zaitsu, T. 61607
Ninomiya, T. *see* Zaitsu, T. 121571
Ninomiya, Y. *see* Mitsumine, H. 109960
Ninomiya, Y. *see* Tomita, H. 61184
Nion Sock Chang, Yunus, D. Analysis of a millimeter-wave antenna consisting of layered magnetic and dielectric slabs with periodic corrugation 117053
Niones, C. *see* Anderson, H. 83653
Nioradze, M. *see* Kacharava, A. 100812
Nipoti, R., Lulli, G., Milita, S., Servidori, M., Cellini, C., Carnera, A. Damage profiles in as-implanted silicon: fluence dependence 94695
Nipoti, R. *see* Albertazzi, E. 94696
Nipoti, R. *see* Priolo, F. 94710
Nipp, E. Extending the field-weakening range of surface-mounted permanent-magnet motors 91915
Nipp, K., Stoffer, D. Invariant manifolds and global error estimates of numerical integration schemes applied to stiff systems of singular perturbation type–Part II: Linear multistep methods 113247
Niquille, C. *see* Faugier, A. 79948
Niranjan, M. *see* Molina, C. 108365
Niranjan, S., Goswami, N., Lal, K., Kothari, R., Bhatnagar, Y.K. Evaluation of crystalline perfection and determination of biaxial stress in thin deposits of polysilicon and low temperature oxide on silicon substrates 105679
Niranjana, S. *see* Lal, K. 105435
Nirkko, A.C., Rosler, K.M., Hess, C.W. Sensitivity and specificity of needle electromyography: a prospective study comparing automated interference pattern analysis with single motor unit potential analysis 80392
Nirmalathas, A., Ahmed, K.A., Liu, H.F. Experimental demonstration of a semiconductor based soliton laser 75972
Nisancioglu, K. *see* Sunde, S. 81788
Nisbet, J. *see* Saw, J. 109383
Nisbet, P. Integrating assistive technologies: current practices and future possibilities 70250
Nisbizaki, M. *see* Sato, T. 102898
Nischwitz, S., Sterkenburgh, T., Franke, H. An integrated ATR-leaky waveguide mode sensor head fabricated by laser beam etching 95780
Nisenoff, M. Weight and power considerations for the design of a cryogenically cooled HTS electronic system 106677
Nishanov, G.V. *see* Daniyarkhodzhaev, T.I. 108131
Nishchev, K.N., Savrasov, K.V. A computerized facility for measuring the magnetic susceptibility of dia- and paramagnetics 69452

Nishi, H., Nishimura, K., Anjo, K., Kudoh, T., Amano, H. The JUMP-1 router chip: a versatile router for supporting a distributed shared memory 104433
Nishi, K., Ohyama, H., Suzuki, T., Hitsuyu, T., Tomimasu, T. Measurement of band discontinuity at ZnSe/GaAs boundary using free electron laser 83901
Nishi, K. *see* Hayashi, T. 83124
Nishi, K. *see* Kakimoto, F. 69777
Nishi, K. *see* Ohyama, H. 84062
Nishi, M. *see* Ando, T. 95522
Nishi, M. *see* Hiramoto, K. 79909
Nishi, M. *see* Hirota, J.I. 100675
Nishi, M. *see* Matsui, K. 102175
Nishi, M. *see* Ogata, H. 95521
Nishi, M. *see* Shimamoto, S. 95590
Nishi, M. *see* Sugimoto, M. 95523
Nishi, N. *see* Jitsuno, T. 85562
Nishi, R., Matsuo, N., Takaoka, A. Measurement and analysis of dynamic response of massive magnetic electron lenses 94210
Nishi, S. *see* Kimura, T. 95042
Nishi, T., Hanaoka, R., Ishibashi, R. Impulse creeping discharge phenomena on aerial insulated wire under dry and wet conditions 70942
Nishi, T., Taguchi, K., Miyazaki, K. Variation of ECD of Loran C wave caused by weather front: Depression effects 79036
Nishi, T., Takahashi, N. A test for nonnegativity of real polynomials 61023
Nishi, T., Yasuda, S., Uesaka, H. A study of switching control techniques in mobile satellite communication systems 78625
Nishi, T. *see* Furukawa, T. 85600
Nishi, T. *see* Hanaoka, R. 114358
Nishi, T. *see* Shimizu, M. 95281
Nishi, Y. *see* Imoto, H. 81661
Nishi, Y. *see* Kato, H. 71624
Nishi, Y. *see* Matsuzaki, S.-I. 103149
Nishi, Y. *see* Ochi, A. 110600
Nishi, Y. *see* Oguri, K. 113555
Nishibe, T., Mitsuhashi, H., Matsuura, Y., Kawakyu, Y. Approach to in situ characterization of polysilicon surfaces annealed by XeCl excimer laser 84071
Nishibe, Y., Nonomura, Y., Tsukada, K., Takeuchi, M., Okumura, T. Torque sensor based on magnetostrictive effect for automobile engine 122061
Nishibori, K., Okuma, S., Obata, H., Kondo, S. Robot hand with fingers using vibration-type ultrasonic motors (driving characteristics) 91580
Nishibori, T., Hirabayashi, H., Kobayashi, E., Murata, Y., Shimawaki, Y., Nomura, T. Surface error measurements of large reflector antennas by phase retrieval holography 66065
Nishibori, T., Hirabayashi, H., Kobayashi, H., Murata, Y., Shimawaki, Y., Nomura, T. Surface error measurements of large reflector antennas by phase retrieval holography: an application of extrapolation algorithm 76603
Nishida, A. *see* Mameno, K. 105570
Nishida, C. *see* Miyazaki, S. 63101
Nishida, F. *see* Matsuzaki, S.-I. 103149
Nishida, H. *see* Okada, Y. 102645
Nishida, H. *see* Saito, T. 109410
Nishida, I.A. *see* Kaibe, H.T. 61150
Nishida, I.A. *see* Noda, Y. 61149
Nishida, K. *see* Shimamoto, S. 95590
Nishida, K. *see* Shiraishi, T. 118693
Nishida, K. *see* Srinivasan, N. 116663
Nishida, K. *see* Suzuki, K. 112271
Nishida, K. *see* Yamazato, T. 99310
Nishida, M. *see* Funada, M. 93906
Nishida, M. *see* Hagihara, Y. 104518
Nishida, M. *see* Ohtsuka, K. 101836
Nishida, M. *see* Ohuchi, H. 106332
Nishida, M. *see* Sawai, T. 83508
Nishida, M. *see* Takeuchi, M. 68258
Nishida, N., Yanoauchi, T. A technique for measuring partial erasure 115802
Nishida, N. *see* Hayasaki, Y. 85187
Nishida, S. Design of visual interfaces to coordinate real-time decision making in hierachical structures 111482
Nishida, S. *see* Akiyoshi, M. 102916
Nishida, S. *see* Hirano, N. 89257
Nishida, S. *see* Hirano, N. 119818
Nishida, S. *see* Kang, J. 78599
Nishida, S. *see* Kawano, T. 101058
Nishida, T., Kobayashi, N. Low temperature growth of GaAs and InAs/GaAs quantum well on (111)B substrate by metalorganic vapor phase epitaxy 92700
Nishida, T., Kobayashi, N. Step-free surface grown on GaAs (111)B substrate by selective area metalorganic vapor phase epitaxy 113371
Nishida, T. *see* Kitamura, H. 118427
Nishida, T. *see* Okamura, H. 73294
Nishida, T. *see* Sakamoto, H. 118585
Nishida, T. *see* Taniguchi, K. 109235
Nishida, Y. A new simple topology for three-phase buck-mode PFC rectifier 71446
Nishida, Y., Hisamichi, Y., Kondo, H. Behavior of perfluoropolyether in particulate magnetic recording media 115749
Nishida, Y., Maeda, A. A simplified discontinuous-switching-modulation for three-phase current-fed PFC-converters and experimental study for the effects 71449
Nishida, Y., Motegi, S., Maeda, A. A single-phase buck-boost AC-to-DC converter with high-quality input and output waveforms 71507
Nishida, Y., Nakasu, E., Aoki, K., Kanda, K., Mizuno, O. Statistical analysis of picture quality for the digital television broadcasting 119435
Nishida, Y., Nakasu, E., Ohtsuka, Y., Imaizumi, H., Kanda, K. Variable bit rate HDTV codec 68879
Nishida, Y. *see* Kozawa, T. 89681
Nishida, Y. *see* Kwok, P. 89918
Nishida, Y. *see* Ohishi, Y. 65107
Nishida, Y. *see* Sawaguchi, H. 115807
Nishida, Y. *see* Shibata, K. 62542
Nishidai, T. *see* Nagata, Y. 80455
Nishide, T., Okura, H., Ono, M. Contactless charger 113721
Nishide, T. *see* Shibata, I. 104092
Nishifuji, K. *see* Yoshino, M. 113592
Nishigaki, K. *see* Ogawa, S. 75374
Nishigaki, K. *see* Ootani, W. 63541
Nishigaki, N. *see* Omura, H. 89204
Nishigaki, S., Yamada, K., Naitoh, M., Iga, H. A metastable de-excitation spectroscopy study on the oxygenation of alkalated Ge(001) surfaces 114940
Nishigaki, S. *see* Yamada, K. 84190
Nishigaki, T., Odawara, Y., Endo, M. Multimodal vibration control of a cantilever beam with collocated bonded piezoelectric film sensors and actuators 115450
Nishigaki, T. *see* Funada, M. 93906
Nishigaki, T. *see* Takeuchi, M. 68258
Nishigaya, T., Kurita, T., Iida, I., Murakami, K. Proposal of agent-based network architecture DUET 78427
Nishigaya, T. *see* Iida, I. 99217
Nishigohri, M. *see* Suzuki, A. 73352
Nishiguchi, I., Matsuzawa, H., Sasaki, M. A comparative study of magnetostatics using three-field formulation and conventional vector potential formulations 107753
Nishiguchi, K., Tuchiya, K. Large deviation theory and nonlinear filter 66857
Nishiguchi, K. *see* Shinomiya, T. 79617
Nishiguchi, M., Ohno, R. Development of heat resistant plastic optical fiber 119161
Nishihara, A. *see* Samadi, S. 114114
Nishihara, A. *see* Shinsho, E. 114112
Nishihara, A. *see* Sugino, N. 114004
Nishihara, A. *see* Sugino, N. 114007
Nishihara, A. *see* Watanabe, E. 114086
Nishihara, A. *see* Yagyu, M. 114115
Nishihara, A. *see* Yagyu, M. 114137
Nishihara, A. *see* Yoshida, T. 73556
Nishihara, H. *see* Fujimura, M. 85701
Nishihara, H. *see* Fujimura, M. 97259
Nishihara, H. *see* Fujimura, M. 116433
Nishihara, K. *see* Miyamoto, S. 69601
Nishihara, K. *see* Nagayama, K. 116745
Nishihara, M. *see* Nakagawa, K. 67442
Nishihara, S. *see* Tomimasu, T. 76063
Nishihara, S. *see* Tomimasu, T. 107395
Nishihara, T., Uchishiba, H., Matsuda, T., Ikata, O., Satoh, Y. Improvement in power durability of SAW filters 106451
Nishihara, T. *see* Hashimoto, K. 104672
Nishihata, A. *see* Shimatani, N. 114892
Nishihira, H. *see* Suzuki, S. 75215
Nishii, J., Yamanaka, H., Hosono, H., Kawazoe, H. Preparation of Bragg gratings in sputter-deposited GeO$_2$-SiO$_2$ glasses by excimer-laser irradiation 106853
Nishii, J. *see* Hosono, H. 106795
Nishii, K. *see* Uda, T. 63794
Nishii, R., Kusanobu, S., Tanaka, S. Enhancement of low spatial resolution image based on high resolution-bands 111166
Nishijima, M. *see* Maeda, M. 73719
Nishijima, S. *see* Miyamoto, H. 95585
Nishijima, S. *see* Moriyama, H. 95589
Nishijima, T. *see* Ogino, A. 97477
Nishijima, Y. *see* Nishino, H. 113340
Nishijima, Y. *see* Okamoto, T. 94322
Nishikado, Y., Mizutani, T., Fujita, S., Taniguchi, J. An information network for load distribution 80866
Nishikata, A., Nagao, H., Shimizu, Y. On the source transformation effect of an infinite plane shield 76489
Nishikata, A. *see* Tonami, S. 84681
Nishikata, K. *see* Shimizu, H. 116494
Nishikawa, H. *see* Guang Yuan Zhao 61258
Nishikawa, H. *see* Uchida, H. 104022
Nishikawa, K., Egawa, H., Kawai, O., Inamoto, Y. High-performance VOD server AIMS 78209
Nishikawa, K., Oomori, T., Ono, K., Tuda, M. In situ Fourier transform infrared measurements of Si surface and bulk plasmas in Cl$_2$/O$_2$ and HBr/O$_2$ electron cyclotron resonance plasma etching: influence of oxygen on reaction products 74550
Nishikawa, K., Tokumitsu, T., Toyoda, I. Miniaturized Wilkinson power divider using three-dimensional MMIC technology 104879
Nishikawa, K. *see* Horita, E. 117453
Nishikawa, K. *see* Kasuga, S. 80014
Nishikawa, K. *see* Matsubara, K. 73554
Nishikawa, K. *see* Taniguchi, T. 117368
Nishikawa, K. *see* Tokumitsu, T. 83434
Nishikawa, M. Status of SOFC development in Japan 81746
Nishikawa, M., Miyamoto, T., Kawamura, S., Bessho, N., Imura, Y., Kobayashi, S. Generation of pretilt angle of liquid crystals aligned on organic-solvent-soluble polyimide alignment films for active-matrix TN-LCDs and its mechanism caused by the micro-surface structure of surfaces 119798
Nishikawa, M., Miyamoto, T., Kawamura, S., Tsuda, Y., Bessho, N., Iimura, Seo, D.-S., Iimura, Y., Kobayashi, S. Relationship between pretilt angles of liquid crystals and surface energies of polyimides containing fluorine atoms 106870
Nishikawa, M. *see* Kambe, Y. 79397
Nishikawa, M. *see* Kobayashi, S. 89314
Nishikawa, O. *see* Maeno, K. 96746
Nishikawa, R.M. *see* Carlin, M.D. 110729
Nishikawa, R.M. *see* Wei Zhang 80212
Nishikawa, S. *see* Funabiki, N. 60849
Nishikawa, S. *see* Funabiki, N. 93029
Nishikawa, S. *see* Funabiki, N. 106151
Nishikawa, S. *see* Funabiki, N. 109344
Nishikawa, S. *see* Isoda, S. 92856
Nishikawa, S. *see* Ito, S. 92738
Nishikawa, S. *see* Kamiya, I. 119162
Nishikawa, T., Kubo, M., Sasai, Y. Surface migration of ZnSe regrowth using compound source molecular beam epitaxy 72801
Nishikawa, T., Uesugi, N. Pulse narrowing characteristics in traveling-wave optical parametric generation in KTiOPO$_4$ crystals 107534
Nishikawa, T. *see* Ashida, Y. 99337
Nishikawa, T. *see* Ieki, H. 84749
Nishikawa, T. *see* Matsumoto, H. 93543
Nishikawa, T. *see* Ohkawa, K. 72786
Nishikawa, T. *see* Onoue, K. 61146
Nishikawa, T. *see* Onoue, K. 103821
Nishikawa, T. *see* Tsujimura, A. 96327
Nishikawa, Y. *see* Kim, J. 80779
Nishikawa, Y. *see* Maekawa, K. 92555
Nishikawa, Y. *see* Rennie, J. 64984
Nishikawa, Y. *see* Takigawa, A. 80288
Nishikawara, K. *see* Monden, M. 98994
Nishikawara, K. *see* Nakamura, R. 77879
Nishikido, J. *see* Hino, S. 78327
Nishikiori, S., Hattori, H., Noda, T., Okabe, M., Isobe, S. Application of heat-resistant titanium-based compressor disk with dual structure 120640
Nishima, R. *see* Hirayama, H. 109928
Nishima, R. *see* Kinjo, H. 79186
Nishimae, J. *see* Takenaka, Y. 92180
Nishimatsu, K. *see* Fukumori, H. 72730
Nishimatsu, T. *see* Harano, M. 79501
Nishimori, K. *see* Kikuma, N. 99168
Nishimori, N. *see* Sagara, K. 120100
Nishimori, T. *see* Mizukami, Y. 70785
Nishimoto, A. *see* Saito, T. 80661
Nishimoto, H., Chikama, T., Kuwahara, H. Key technologies for 10 Gb/s optical fiber transmission systems 119206
Nishimoto, H. *see* Ishikawa, G. 78684
Nishimoto, H. *see* Onaka, H. 88642
Nishimoto, M. *see* Ikuno, H. 97059
Nishimoto, M. *see* Kawano, M. 116873
Nishimoto, M. *see* Laskar, J. 93859
Nishimoto, S. *see* Kitani, I. 64107
Nishimoto, S. *see* Kitani, I. 64134
Nishimoto, S. *see* Mukai, M. 64056
Nishimura, A., Tobler, R.L., Tamura, S., Imagawa, S., Mito, T., Yamamoto, J., Motojima, O., Takahashi, H., Suzuki, S. Fracture toughness of partially welded joints of SUS316 stainless steel at 4 K by large bend-bar tests 92982
Nishimura, A. *see* Aoki, K. 64172
Nishimura, A. *see* Itoh, K. 71245
Nishimura, A. *see* Itoh, K. 111894
Nishimura, A. *see* Kawada, M. 64048
Nishimura, A. *see* Mochida, T. 121331
Nishimura, A. *see* Niiyama, S. 99585
Nishimura, A. *see* Satow, T. 95514
Nishimura, A. *see* Takahata, K. 95516
Nishimura, E. *see* Okuma, S. 107400
Nishimura, F. Benefit optimization of electric energy exchange and power system operation 70758
Nishimura, F. Transaction modes of electric energy exchange and their effects on benefit optimization and allocation 70760
Nishimura, F. *see* Soares, M.R. 121186
Nishimura, H., Schachinger, L., Ohgaki, H. Orbit control at the ALS based on sensitivity matrices 89937
Nishimura, H., Timossi, C., Valdez, M. Accelerator operation management using objects 89936
Nishimura, H. *see* Koike, N. 113797
Nishimura, H. *see* Muraoka, S. 79724
Nishimura, J., Ueda, Y., Morishita, K. Fabrication of dispersive fibers and their application to long wavelength-pass filters 106777
Nishimura, J. *see* Ganapathy, G. 83147
Nishimura, K., Nakata, S., Nakagawa, T. Optimization of the coil distribution of the deflection yoke for CRT 100243
Nishimura, K., Tanaka, H.T. Active shape inferring based on the symmetry in stable poses 86649
Nishimura, K., Tsutsumi, M. Scattering of millimeter waves by metallic strip gratings on an optically plasma-induced semiconductor slab 116990
Nishimura, K., Urano, M., Ino, M., Takeya, K., Ishihara, T., Kado, Y., Inokawa, H. Gate delay

time evaluation structure for deep-submicron CMOS LSIs 115340
Nishimura, K. *see* Ino, M. 73249
Nishimura, K. *see* Kimiyama, H. 68852
Nishimura, K. *see* Makino, K. 101700
Nishimura, K. *see* Maruyama, M. 109233
Nishimura, K. *see* Nakagawa, T. 83769
Nishimura, K. *see* Nakata, S. 94202
Nishimura, K. *see* Nishi, H. 104433
Nishimura, K. *see* Ogino, F. 69228
Nishimura, K. *see* Ohtomo, Y. 104516
Nishimura, K. *see* Okajima, Y. 93362
Nishimura, K. *see* Satoh, K. 81734
Nishimura, K. *see* Shiojima, K. 63555
Nishimura, K. *see* Yamada, T. 115464
Nishimura, K. *see* Yuasa, K. 112596
Nishimura, M., Onishi, M. Dispersion-compensating fibers and their applications 78818
Nishimura, M. *see* Kakui, M. 78760
Nishimura, M. *see* Kakui, M. 78772
Nishimura, M. *see* Kato, T. 64687
Nishimura, M. *see* Kato, T. 95700
Nishimura, M. *see* Koyano, Y. 65067
Nishimura, M. *see* Murata, M. 91182
Nishimura, M. *see* Onishi, M. 75474
Nishimura, M. *see* Shigematsu, M. 88499
Nishimura, M. *see* Suetsugu, Y. 64684
Nishimura, M. *see* Suetsugu, Y. 64700
Nishimura, N., Hiroki, T., Okada, T., Tsunashima, S. Transition from in-plane to perpendicular magnetization in MSR magneto-optical disks 75175
Nishimura, N. *see* Kataoka, A. 102343
Nishimura, S. *see* Hanatani, S. 85194
Nishimura, S. *see* Itoh, K. 93164
Nishimura, S. *see* Kounos, T. 99565
Nishimura, T. *see* Susaki, Y. 71379
Nishimura, T. *see* Susaki, Y. 121548
Nishimura, T. *see* Takai, M. 61875
Nishimura, T. *see* Yamaguchi, Y. 93358
Nishimura, T.H., Eguchi, T., Inoue, T., Hirachi, K., Maejima, Y., Saito, M. An improvement of a transcutaneous-energy transformer for a noninvasive rechargeable cardiac pacemaker battery 120515
Nishimura, Y., Ota, K., Hayakawa, M. Three-dimensional ray tracing of very low latitude whistlers 65846
Nishimura, Y. *see* Endo, M. 81717
Nishimura, Y. *see* Hirokawa, T. 93803
Nishimura, Y. *see* Nojima, A. 93765
Nishinaga, A.T. *see* Akeura, K. 61198
Nishinaga, N., Iwadare, Y. M-ary orthogonal keying under carrier frequency offset 117130
Nishinaga, T. *see* Tanaka, M. 94515
Nishinaka, I. *see* Ichikawa, S. 90112
Nishinaka, I. *see* Ikezoe, H. 100991
Nishino, A. *see* Shikata, M. 68495
Nishino, H., Saito, T., Nishijima, Y. VI/II ratio dependence of surface macrodefects in CdTe/ZnTe/GaAs(100) growth by metalorganic vapor phase epitaxy 113340
Nishino, H., Tsukahara, Y., Cho, H., Sato, H., Yamanaka, K. Unidirectional bulk acoustic wave excitation by scanning interference fringes and its application to acoustical imagings 111348
Nishino, H. *see* Cho, H. 104216
Nishino, H. *see* Okamoto, T. 94322
Nishino, H. *see* Sato, H. 82789
Nishino, J. *see* Morigami, M. 94866
Nishino, K., Kimoto, T., Matsunami, H. Homoepitaxial growth of 3C-SiC on 3C-SiC substrates grown by sublimation method 103978
Nishino, M. *see* Tejima, S. 118388
Nishino, S. *see* Fleischman, A.J. 104037
Nishino, S. *see* Jacob, C. 104050
Nishino, S. *see* Sano, S. 104040
Nishino, S. *see* Takanaka, N. 103820
Nishino, S. *see* Yoshikawa, T. 104133
Nishino, T. *see* Hosoya, M. 115914
Nishino, T. *see* Ishitani, Y. 114766
Nishino, T. *see* Kita, T. 62857
Nishino, T. *see* Kita, T. 62897
Nishino, T. *see* Nakayama, H. 113345
Nishino, T. *see* Quing Zhang 105195
Nishino, T. *see* Senda, I. 95599
Nishino, T. *see* Takeda, E. 64540
Nishino, Y. *see* Kiyono, S. 69542
Nishio, H., Saita, O., Ochiai, J.-I. Development of heat pump system using hydrogen absorbing alloys 81298
Nishio, H., Taguchi, H., Hashimoto, S., Yajima, K., Fukuno, A., Yamamoto, N. A comparison of magnetic anisotropy constants and anisotropy fields of permanent magnets determined by various measuring methods 106626
Nishio, K., Miyake, S., Sei, T., Watanabe, Y., Tsuchiya, T. Preparation of highly oriented thin film exhibiting transparent conduction by the sol-gel process 82712
Nishio, K. *see* Chikano, Y. 71672
Nishio, K. *see* Mangelsdorf, C. 79182
Nishio, K. *see* Okada, M. 116475
Nishio, M. *see* Gheyas, S.I. 104032
Nishio, M. *see* Gheyas, S.I. 105581
Nishio, M. *see* Mori, T. 109192
Nishio, N. *see* Kawachiya, K. 118594
Nishio, S. *see* Mondino, P.-L. 64567
Nishio, S. *see* Murata, A. 77729
Nishio, T., Hayashida, H., Kurokawa, K., Hotta, T., Tanaka, A., Azuma, K., Sakuragi, H. Hose lining method for aged hydro power plant pipelines 71172
Nishio, T., Hayashida, H., Matsunaga, M., Inagaki, H. Water turbine generator bearing diagnostics by ferrographic analysis 71171
Nishio, T., Hayashida, H., Yonezawa, I., Amitani, K., Kugue, T., Akimoto, T. Special-purpose electric vehicle for use in narrow footpath tunnel 71809
Nishio, T., Ikeda, H., Yoshida, H. Optical fiber data transmission system using AO mode space frequency modulator and LED 119211
Nishio, T. *see* Hayashida, H. 91107
Nishio, Y., Ushida, A. Quasi-synchronization phenomena in chaotic circuits coupled by one resistor 73073
Nishio, Y. *see* Tanji, Y. 113701
Nishioka, H., Odajima, W., Sasaki, Y., Ueda, K. Super-wide-band coherent light generation in multi-channeling propagation of tera-watt Ti:sapphire laser pulses 116640
Nishioka, H. *see* Kaminskii, A.A. 76153
Nishioka, H. *see* Kaminskii, A.A. 76154
Nishioka, K., Chunghong Hou, Fujiwara, H., Metzger, R.D. Grain size effect on ferro-antiferromagnetic coupling of NiFe/FeMn systems 115539
Nishioka, K., Iseki, T., Fujiwara, H., Parker, M.R. GMR properties of spin valves using multilayered $Co_{90}Fe_{10}$ for free magnetic layer 64373
Nishioka, K. *see* Fujiwara, H. 75132
Nishioka, K. *see* Fujiwara, H. 115841
Nishioka, K. *see* Miyake, K. 99323
Nishioka, K. *see* Shiga, T. 110816
Nishioka, M. *see* Matsubara, I. 102197
Nishioka, M. *see* Norris, T.B. 116482
Nishioka, M. *see* Schur, R. 107278
Nishioka, M. *see* Tanaka, T. 62918
Nishioka, N.S. *see* Boas, D.A. 120405
Nishioka, N.S. *see* Sadhwani, A. 120330
Nishioka, T., Maehata, K., Ishibashi, K., Takeo, M., Mito, T., Yamamoto, J. General characteristics of high temperature superconducting current leads cooled with laminar flow gas 91192
Nishioka, T. *see* Nakajima, M. 108427
Nishioka, T. *see* Nakajima, M. 109907
Nishioka, T. *see* Sumitomo, K. 105125
Nishioka, Y., Sumitani, H., Yuuki, A., Horikawa, T., Shibano, T., Kimura, Y. Ru/BST/Ru stacked capacitor cell for a 1 Gbit DRAM fabricated by X-ray lithography 73337
Nishioka, Y. *see* Kanamoto, K. 104540
Nishioka, Y. *see* Kobayashi, H. 94605
Nishioka, Y. *see* Kobayashi, H. 95091
Nishioka, Y. *see* Yamashita, Y. 63169
Nishioki, N. *see* Yamagata, Y. 75060
Nishishita, J. *see* Nanto, H. 85265
Nishitani, E. *see* Kobayashi, S. 63429
Nishitani, H. *see* Sammouda, R. 101146
Nishitani, M. *see* Hashimoto, Y. 114947
Nishitani, M. *see* Wada, T. 121895
Nishitani, M. *see* Yoshida, K. 103117
Nishitani, R. *see* Yong Sun 92803
Nishitani, T. *see* Murata, K. 98573
Nishitsuji, M. *see* Itoh, J. 88198
Nishitsuji, M. *see* Uda, T. 63794
Nishiwaki, A. *see* Takada, N. 69491
Nishiwaki, D. *see* Ishidera, E. 87125
Nishiwaki, N. *see* Hayakawa, S. 103187
Nishiya, K. *see* Daeseok Rho 81048
Nishiya, K.-I. *see* Kita, H. 80875
Nishiya, T. *see* Temmyo, J. 119443
Nishiyama, A., ter Horst, G., Zagwijn, P.M., van den Hoven, G.N., Frenken, J.W.M., Garten, F., Schlatmann, A.R., Vrijmoeth, J. Growth mode and interface structure of Ag on the HF-treated Si(111):H surface 61209
Nishiyama, F. *see* Kawabe, Y. 105793
Nishiyama, F. *see* Yamaguchi, H. 109791
Nishiyama, F. *see* Yao, T. 74194
Nishiyama, H., Aizawa, M., Yokokawa, H., Horita, T., Sakai, N., Dokiya, M., Kawada, T. Stability of lanthanum calcium chromite-lanthanum strontium manganite interfaces in solid oxide fuel cells 102966
Nishiyama, H. *see* Tachibana, K. 81769
Nishiyama, H. *see* Yokokawa, H. 81846
Nishiyama, I., Uesugi, F. Core electron excitation effects on aluminum chemical vapor deposition 115035
Nishiyama, I. *see* Teraoka, Y. 63310
Nishiyama, M. *see* Higeta, K. 61887
Nishiyama, M. *see* Higeta, K. 113943
Nishiyama, N. *see* Shiga, T. 110816
Nishiyama, S., Ono, C., Obana, S., Suzuki, K. Distribution transparent MIB based on MSA (Management System Agent) model 87593
Nishiyama, T. *see* Hattori, J. 93723
Nishiyama, T. *see* Ishikawa, Y. 62187
Nishiyama, T. *see* Murabayashi, F. 73459
Nishiyama, Y. *see* Nakamura, T. 72269
Nishizawa, A. *see* Kinugasa, T. 109933
Nishizawa, H. *see* Ikeda, T. 63909
Nishizawa, H. *see* Wakiwaka, H. 114350
Nishizawa, J., Oyama, Y., Suto, K., Kim, K. Stoichiometry-dependent deep levels in n-type InP prepared by annealing under controlled phosphorus vapor pressure 94331
Nishizawa, J., Sakuraba, H., Kurabayashi, T. Surface reaction mechanism in MOCVD 61171
Nishizawa, J. *see* Murai, A. 62722
Nishizawa, J. *see* Nugraha 113278
Nishizawa, J. *see* Suto, K. 61179
Nishizawa, J. *see* Suto, K. 65180
Nishizawa, J.I. *see* Nugraha 82655
Nishizawa, K., Iwai, K., Matsumoto, T., Sakashita, K., Iinuma, T.A., Tateno, Y., Miyamoto, T., Shimura, A., Takagi, H. Estimation of the exposure and a risk-benefit analysis for a CT system designed for a lung cancer mass screening unit 101215
Nishizawa, N. *see* Satoh, K. 81734
Nishizawa, N. *see* Takano, Y. 102931
Nishizawa, S. *see* Hashimoto, O. 110956
Nishizawa, S. *see* Tsuchida, T. 120371
Nishizawa, T. *see* Isobe, T. 109225
Nishizawa, T. *see* Usui, K. 109914
Nisius, R. *see* Steffen, B. 78147
Nisoe, N. *see* Sano, Y. 69282
Nisoli, M. *see* Geissler, K. 62648
Nissen, H.U. *see* Grindatto, D.P. 75304
Nissen, N.F., Middendorf, A. A simplified approach for the environmental assessment of populated printed circuit boards 113053
Nissim, Y. *see* Pepin, A. 74432
Nissim, Y. *see* Pepin, A. 83916
Nissim, Y.I. *see* Lescaut, B. 105611
Nissim, Y.I. *see* Sayah, A. 106821
Nissley, L. *see* Jongen, Y. 101424
Nissov, M., Poulsen, H.N., Pedersen, R.J., Jorgensen, B.F., Newhouse, M.A., Antos, A.J. Improved noise performance in non-return to zero systems by use of distributed fibre amplifiers 119135
Nissov, M. *see* Mikkelsen, B. 88637
Nissov, M. *see* Sejka, M. 78670
Nissov, N. *see* Pedersen, R.J.S. 68503
Nista, A. *see* Da Lio, M. 91584
Nistor, L.C. *see* Teodorescu, V.S. 104110
Nitch, D.C. *see* Fourie, A.P.C. 116806
Nitch, D.C. *see* Fourie, A.P.C. 117006
Nitescu, M. *see* Constantinescu, F. 61586
Nithiyanandam, N. *see* Kumaravel, N. 70150
Nitigus, V. *see* Demeter, E. 81435
Nitishin, P.M. *see* Chen, C.L. 84013
Nito, K. *see* Yasuda, A. 89250
Nitsch, B. *see* Binde, S. 66841
Nitsch, K. *see* Golonka, L.J. 89032
Nitsch, R. *see* Bischoff, U. 68811
Nitschke, R.L. *see* Atkinson, S.A. 81235
Nitsovich, B. *see* Grytskiv, Z. 86907
Nitta, A. *see* Umekawa, S. 64954
Nitta, H. *see* Furuhashi, T. 84598
Nitta, J., Khoury, D.S. Role of proximal electrode position in transvenous ventricular defibrillation 70232
Nitta, J., van Wees, B.J., Heida, J.P., Klapwijk, T.M., Dimoulas, A., van de Graaf, W., Borghs, G. Transport through a 2DEG channel with superconducting boundaries 105257
Nitta, J. *see* Akazaki, T. 62898
Nitta, J. *see* Takayanagi, H. 105369
Nitta, K., Watanabe, K., Kagenaga, K., Mori, T., Kaneko, E., Somei, H., Takahashi, H. Three-dimensional magnetic field analysis of electrodes for VCBs 121799
Nitta, N., Hagihara, K., Shiina, T. Experimental investigation of 3-D blood flow velocity measurement 90307
Nitta, S., Mutoh, A., Miyajima, N.K. Generation mechanism of showering noise waveforms: effect of contact surface variations and moving velocity of contact 62552
Nitta, S. *see* Hasegawa, S. 94410
Nitta, S. *see* Nonomura, S. 94382
Nitta, S. *see* Uchimura, K. 62553
Nitta, T., Hanabusa, M. UV irradiation effects in Al chemical vapor deposition on titanium nitride 82738
Nitta, T., Misawa, K., Nomura, H. Some considerations on superconducting transformers from a design-point of view 102773
Nitta, T., Shirai, Y., Ito, Y. Evaluation of steady state stability of electric power system by use of superconducting magnet energy storage 90927
Nitta, T. *see* Kawakyu, K. 88240
Nitta, T. *see* Shirai, Y. 121250
Nitta, Y., Obayashi, T., Yamawaki, T., Hatsukaiwa, T., Matsumara, Y., Mizukami, S., Izum, M. Study of temperature dependence of the performance in a-Si solar cells and its application to PV modules integrated with roofing materials 71717
Nitta, Y., Sakashita, N., Shimomura, K., Okuda, F., Shimano, H., Yamakawa, S., Furukawa, A., Kise, K., Watanabe, H., Toyoda, Y., Fukada, T., Hasegawa, M., Tsukude, M., Arimoto, K., Baba, S., Tomita, Y., Komori, S., Kyuma, K., Abe, H. A 1.6 GB/s data-rate 1 Gb synchronous DRAM with hierarchical square-shaped memory block and distributed bank architecture 73370
Nitta, Y. *see* Funatsu, E. 87247
Nittke, A., Esquinazi, P., Widder, W., Braun, H.F. Low temperature magnetocaloric effects in $Dy_1Ba_2Cu_3O_{7-\delta}$ and $Y_1Ba_2Cu_3O_{7-\delta}$ high-T_c single crystals 75326
Nitz, H., Chung, T. Evolution of a systems plan for advanced communications within a rapid transit system 88477
Nitz, W. Magnetic resonance imaging sequences and their clinical application. 1 90464
Nitzan, M. *see* Babchenko, A. 89037

Nitzberg, S. Emerging security issues involving the presence of microphones and video cameras in the computing environment 92106
Niu, L. *see* Chang, Z. 90243
Niu, X. *see* Spanos, C.J. 63510
Niu, X.X., Ching, P.C., Chan, Y.T. A wavelet-based algorithm for time delay and Doppler measurements 86295
Niu An-Fu *see* An-Fu Niu
Niu Guo-Fu *see* Guo-Fu Niu
Niu Guofu, Ruan Gang A physical model of short channel MOSFET's transit time 63665
Niu Hanben *see* Guo Baoping 114544
Niu Hanben *see* Pan Dong 62566
Niu Mengnian *see* Bao Fengqi 110252
Niu Shenjun *see* Shenjun Niu
Niu Wen-Hua *see* Wen-Hua Niu
Niu Yongsheng, Zhao Xinmin, Zhang Tan A correlation-average method to estimate the frequency response of a system 104259
Niu Zhisheng *see* Zhisheng Niu
Nivelle, M.J.M.E.de *see* de Nivelle, M.J.M.E.
Niven, R. Plastic optical fibre 68425
Niwa, A., Ikenaga, T. High speed internetworking of legacy LANs using ATM technology 118383
Niwa, A. *see* Nakahara, K. 76019
Niwa, H. *see* Nakao, S. 114591
Niwa, K. *see* Annis, P. 80121
Niwa, K. *see* Maruyama, K. 100989
Niwa, K. *see* Sako, T. 110597
Niwa, M., Okada, K., Sinclair, R. Atomically flat, ultra thin-SiO_2/Si(001) interface formation by UHV heating 105696
Niwa, M. *see* Higashihama, H. 81357
Niwa, M. *see* Idota, K. 105692
Niwa, M. *see* Sinclair, R. 94738
Niwa, N. *see* Itoh, G. 113521
Niwa, S. *see* Mojtahedi, H.A. 120514
Niwa, T. *see* Yuan Changmin 64124
Niwa, Y. In-house techniques power Matsushita's battery projects 112248
Niwa, Y. *see* Tsuji, K. 81913
Niwamoto, H. *see* Nomura, T. 108369
Niwano, K. *see* Sato, H. 78535
Niwano, M. *see* Miura, T. 105701
Niwano, M. *see* Miura, T.A. 63309
Niwano, R., Miura, T., Tajima, R., Miyamoto, N. Infrared study of chemistry of Si surfaces in etching solution 105705
Niwayama, M. *see* Kuroda, T. 79547
Niwinski, D., Walukiewicz, I. Games for the μ-calculus 103569
Nix, A. *see* Kaya, I. 77549
Nix, A. *see* Perry, R. 109138
Nix, A. *see* Perry, R. 118504
Nix, A. *see* Sun, Y. 118403
Nix, A.R. *see* Athanasiadou, G.E. 97116
Nix, A.R. *see* Athanasiadou, G.E. 107908
Nix, A.R. *see* Fitton, M.P. 116901
Nix, A.R. *see* Yan, T.X.J. 88165
Nix, A.R. *see* Yan, T.X.J. 109485
Nix, W. *see* Fuglsang-Frederiksen, A. 90546
Nix, W. *see* Johnsen, B. 90545
Nix, W.D. *see* Gillard, V.T. 62791
Nixon, B. Research and development alliances and accounting 72177
Nixon, O., Nathan, A. Magnetic pattern recognition sensor arrays using CCD readout 84827
Nixon, R.H., Kemeny, S.E., Staller, C.O., Fossum, E.R. 256×256 CMOS active pixel sensor camera-on-a-chip 79146
Nixon, S.A. *see* Young, M. 100399
Nixon, T. *see* Blamire, A.M. 101228
Niyogi, S., Freeman, W.T. Example-based head tracking 117910
Nizami, J.S. *see* Al-Sultan, K.S. 60837
Nizhnik, M.N., Tyushkevich, B.N. Photothermoplastic recording of holographic interferograms by two-exposure asymmetric strobing 107633
Niznik, C.A. The meta model constraint removal protocol: virtual reality fairness for war game networked exercises 87735
Nizovoy, J.A. *see* Alonso, J.L. 91084
Njoku, E.G., Rague, B.W. Spatial and temporal trends in land surface moisture and temperature observable using data from the Nimbus-7 microwave radiometer 120838
Njoku, P.C., Archana, S.N., Anand, S., Guha, S.K., Asha, S., Nanda, S. New vista in foetal ultrasonography in medicine: hospital model 110743
Njoku, P.C., Thomas, J., Rau, G. Cardiac bypass: application of a mechanical heart and lung apparatus 110936
Nju, H., Chao, J.H., Wu, S.-C. Optimization of a Compton-suppression system by escape-peak ratio 69848
Nkansa-Kissi, A., Root, R. Enhancement of speech using a microphone array 97605
Nkum, R. *see* Benguigui, L. 94324
Nn Geok-See *see* Geok-See Nn
No Jong-Seon, Hong Seung-Hee Performance analysis of CDMA systems by using biorthogonal codes 68179
No Jong-Seon *see* Jong-Seon No
No Kwangsoo *see* Kwangsoo No
Noach, S., Lewis, A., Arieli, Y., Eisenberg, N. Integrated diffractive and refractive elements for spectrum shaping 95910
Noack, D.D. *see* Cuneo, M.E. 69683
Noack, F. *see* Hasse, P. 81149
Noack, F. *see* Petrov, V. 85720
Noack, F. *see* Petrov, V. 116734
Noack, L.M. *see* Kantrowitz, M. 83149
Noad, J. *see* Gouin, F. 85319
Noade, C.J. *see* North, S.J. 73844
Noae, M. *see* Morisako, A. 115771
Noah, M., Srinivasan, K. DSP for a frame relay voice, data, fax multiplexer 88021
Nobe, H. *see* Aoyama, E. 62486
Nobe, H. *see* Aoyama, E. 62487
Nobe, J. *see* Watabe, N. 92135
Nobe, K. *see* Williamson, J.J. 63344
Nobel, A. *see* Lugosi, G. 60821
Nobel, A.B. Vanishing distortion and shrinking cells 76806
Nobel, Z. *see* Essick, J.M. 105247
Nobelen van *see* van Nobelen
Nobes, M.J. *see* Carter, G. 114556
Nobile, A. The Cypress Semiconductor ULTRA 3800 family of FPGAs 73293
Nobile, C. *see* Bolla, R. 68314
Nobile, C. *see* Bolla, R. 87476
Nobile, C. *see* Bolla, R. 99245
Nobilini, R. *see* Ivancic, P.C. 70246
Nobilini, R. *see* Siegler, S. 80193
Noblanc, O., Gaucher, P., Calvarin, G. Structural and dielectric studies of $Pb(Mg_{1/3}Nb_{2/3})O_3$-$PbTiO_3$ ferroelectric solid solutions around the morphotropic boundary 64079
Noble, A., Wilson, D., Ponce, J. On computing aspect graphs of smooth shapes from volumetric data 110755
Noble, A. *see* Kok, S.-L. 90390
Noble, D.B. *see* Gillard, V.T. 62791
Noble, J.A. The effect of morphological filters on texture boundary localization 67370
Noble, K. *see* Unno, Y. 80035
Noble, K. *see* Unno, Y. 100858
Noble, R.J. *see* Popovic, M. 89705
Noble, S. *see* Parulski, K. 89149
Noble, T. *see* Shi, J. 105647
Nobori, T., Uchida, T., Fukunaga, C., Tanaka, M., Ikeda, H. A prototype data acquisition system for the BELLE vertex detector 90129
Nobori, T., Uchida, T., Fukunaga, C., Tanaka, M., Ikeda, H. A prototype data acquisition system for the BELLE vertex detector 100962
Noborio, M., Yoshioka, T., Sano, Y., Nunomura, K. (He,Ne)-Xe gas mixtures for high-luminance color ac PDP 89430
Nobre, M.A.L., Longo, E., Leite, E.R., Varela, J.A. Synthesis and sintering of ultra fine $NaNbO_3$ powder by use of polymeric precursors 113551
Nobrega, M.C.S., Mannheimer, W.A. Varistor performance of ZnO-based ceramics related to their densification and structural development 95092
Nobrega, R., Sonderegger, P., Varela, J. A RICH counter for trigger and detection of exotic particles 69744
Nobuhara, S. *see* Yatsuzuka, M. 62593
Noburou Taniguchi *see* Hiroshi Fujii 87949
Nobusawa, H. *see* Aimoto, Y. 73442
Nobusawa, H. *see* Yabe, Y. 113980
Nobuto, S. *see* Watabe, K. 106210
Nobutoki, T. *see* Takai, Y. 73379
Nobutoki, Y. *see* Hiwa, N. 91927
Nobuyuki Imoto *see* Min Gyu Kim 107160
Nobuyuki Itoh *see* Shin Matsuda 82213
Noccioni, P. *see* d'Errico, F. 110966
Noce, M.D. *see* Cutolo, A. 75880
Nocera, L., Dupont, S., Berthod, M. A simulation-based validation of some improvements in automatic stereo-radargrammetry 111098
Nocera, U. *see* Bonanno, F. 102334
Nocera, U. *see* Bonanno, F. 102491
Nocera, U. *see* Cavallaro, C. 102332
Nocera, U. *see* Consoli, A. 102596
Noceti Filho, S. *see* Goncalves, R.T. 104696
Noceti Filho, S. *see* Schneider, M.C. 93624
Nocham, G. *see* Kastner, R. 65610
Nochefranca, L.R. *see* Caro, J.D.L. 72487
Nocture, G., Brouste, T. MPEG-2 video encoders for broadcast applications 99745
Nocture, G. *see* Challapali, K. 99744
Noda, A., Dewa, H., Fujita, H., Ikegami, M., Iwashita, Y., Kakigi, S., Kando, M., Mashiko, K., Okamoto, H., Shirai, T., Inoue, M. Electron storage ring, KSR for light source with synchrotron radiation 79988
Noda, A. *see* Dewa, H. 120075
Noda, A. *see* Hirano, T. 66683
Noda, A. *see* Hirota, J.I. 100675
Noda, A. *see* Iwashita, Y. 89771
Noda, A. *see* Kakihara, T. 78592
Noda, A. *see* Kando, M. 100698
Noda, A. *see* Noda, K. 89755
Noda, A. *see* Shirai, T. 89766
Noda, D. *see* Aoki, T. 92851
Noda, D. *see* Enokizono, M. 107777
Noda, E. *see* Suzuki, S. 62543
Noda, H., Akutsu, T., Matsuda, S. Failure analysis for the cracks in the laser diode 96417
Noda, H., Shirazi, M.N., Nogawa, T., Kawaguchi, E. Unsupervised segmentation of multispectral images using hierarchical MRF model 108628
Noda, H. *see* Itoh, M. 115371
Noda, H. *see* Miyai, H. 100238
Noda, H. *see* Tanaka, H. 121155
Noda, K., Kanazawa, M., Itano, A., Takada, E., Torikoshi, M., Araki, N., Yoshizawa, J., Sato, K., Yamada, S., Ogawa, H., Itoh, H., Noda, A., Tomizawa, M., Yoshizawa, M. Slow beam extraction by a transverse RF field with AM and FM 89755
Noda, K., Naoe, M. Composition monitoring for one year of lube cross-contamination of hard disks using aluminum substrates 115740
Noda, K. *see* Hiramoto, K. 79909
Noda, K. *see* Tokito, S. 64967
Noda, K. *see* Wann, C.H. 106033
Noda, M., Yamamoto, A., Adachi, S. A front-end for a digital satellite TV broadcasting receiver 109870
Noda, M. *see* Kuroda, T. 73204
Noda, M. *see* Watanabe, S. 71130
Noda, M. *see* Yamamoto, K. 78534
Noda, N. *see* Satow, T. 95514
Noda, S., Yamamoto, N., Sasaki, A. New realization method for three-dimensional photonic crystal in optical wavelength region 95626
Noda, S. *see* Ito, T. 105584
Noda, S. *see* Tsuboi, S. 74657
Noda, S. *see* Uno, K. 74435
Noda, T., Okabe, M., Isobe, S. Hard surfacing of TiAl intermetallic compound by plasma carburization 113527
Noda, T. *see* Ametani, A. 111614
Noda, T. *see* Ashizawa, Y. 63103
Noda, T. *see* Fujii, T. 83341
Noda, T. *see* Nishikiori, S. 120640
Noda, T. *see* Suzuki, H. 114579
Noda, Y., Ohsaka, K., Takeda, S. Photovoltaic modules integrated with roofing materials 81358
Noda, Y., Orihashi, M., Nishida, I.A. Preparation and thermoelectric properties of n-type lead telluride 61149
Noda, Y. *see* Kandori, A. 110683
Noda, Y. *see* Kayama, H. 61327
Nodera, Y. *see* Yamaguchi, A. 68243
Nodine, C. *see* Horii, S. 111010
Nodine, C.F. *see* Kundel, H.L. 111008
Nodine, C.F. *see* Redfern, R. 110723
Noe, M., Oswald, B.R. Comparison of different models for superconducting fault current limiters 111679
Noel, C. *see* De Morais, T.D. 85639
Noel, D.P., Kwasniewski, T.A., Castonguay, A., Leblanc, W.P., Mahmoud, S.A. Converting DSP software to hardware: automating the process 94110
Noel, F. *see* Ballingam, V. 109063
Noel, J.-P. *see* D'Iorio, M. 62911
Noel, J.-P. *see* D'Iorio, M.D. 105432
Noel, L., Marcenac, D., Wake, D. Optical millimetre-wave generation technique with high efficiency, purity and stability 114250
Noel, L., Marcenac, D., Wake, D. 120 Mbit/s QPSK radio-fibre transmission over 100 km of standard fibre at 60 GHz using a master/slave injection-locked DFB laser source 119133
Noell, M. *see* Orlowski, M. 74820
Noelle, D. *see* Geisler, A. 96562
Noelle, D. *see* Schmidt, T. 96471
Noerenberg, H., Mazuelas, A., Hagenstein, K., Hey, R., Grahn, H.T. Optimization of carbon incorporation in GaAs during molecular beam epitaxial growth 61226
Noerpel, A. *see* Li Fung Chang 119077
Noerpel, A. *see* Lin, Y.-B. 99292
Noerpel, A.R., Li Fung Chang, Yi-Bing Lin Polling deregistration for unlicensed PCS 68088
Noerpel, A.R., Lukander, P., Chang, L.F., Varma, V.K., Lipper, E.H. Supporting PACS on a GSM MSC 109460
Noerpel, A.R., Lukander, P., Lipper, E.H., Chang, L.F., Varma, V.K. Supporting PACS on a GSM MSC 109492
Noerpel, A.R., Sherry, H. Personal access communications system: a flexible PCS standard 68168
Noerpel, A.R., Yi-Bing Lin, Sherry, H. PACS: Personal Access Communications System–a tutorial 78369
Noerpel, A.R. *see* Chang, L.F. 119082
Noerpel, A.R. *see* Li Fung Chang 68087
Noerpel, A.R. *see* Li Fung Chang 99190
Noetzel, R., vom Hedt, B., Westerholt, K. Magnetic irreversibility lines and critical currents of Bi(2212) single crystals doped by Fe, Ni, Co and Zn 75328
Noferi, N. *see* Bartoli, M. 121552
Noffz, K.H. *see* Hogl, H. 100981
Nogami, G., Ohkuba, S. Current responses to an impulse laser light illumination in semiconductor electrodes 94642
Nogami, H., Mashimo, K., Nakagawa, Y., Ogahara, Y., Tsukada, T. SiO_2 etching using M=0 Helicon wave plasma 94767
Nogami, H., Nagashima, T. A frequency and timing period acquisition technique for OFDM systems 99174
Nogami, H., Nagashima, T. A frequency and timing period acquisition technique for OFDM systems 108331
Nogami, H., Nakagawa, Y., Mashimo, K., Ogahara, Y., Tsukada, T. SiO_2 etching using M=0 helicon wave plasma 74558
Nogami, K. *see* Takayanagi, T. 73424
Nogami, M. *see* Chikano, Y. 71672
Nogami, S. *see* Asatani, K. 78162

Nogami, T., Nemoto, T. Cu atom redistribution and electromigration resistance of AlCu lines after aging treatment 63480
Nogami, T., Nemoto, T. Cu behaviors induced by aging and their effects on electromigration resistance on Al-Cu lines 115006
Nogami, Y. *see* Okamoto, T. 94322
Nogarede, B. *see* Barbier, C.E. 103112
Nogaret, A., Gompertz, M.J., Main, P.C., Eaves, L., Foster, T.J., Henini, M., Beaumont, S.P. Magnetotunnelling spectroscopy of a quantum dot charged with a few electrons 105416
Nogaret, A., Gompertz, M.J., Main, P.C., Eaves, L., Henini, M., Foster, T.J., Beaumont, S.P., McLelland, H. Resonant magnetotunnelling spectroscopy of a quantum loop 63033
Nogaret, A. *see* Carmona, H.A. 62820
Nogaret, A. *see* Carmona, H.A. 105259
Nogaret, A. *see* Geim, A.K. 63812
Nogawa, K. *see* Uda, H. 88199
Nogawa, K. *see* Uda, H. 88231
Nogawa, M. *see* Ohtomo, Y. 63942
Nogawa, T. *see* Noda, H. 108628
Noge, H. *see* Nakamura, Y. 94326
Noge, S., Ueno, H., Hohkawa, K., Yoshikawa, S. Low resistance thin Al film by simple sputtering deposition 104112
Noge, S. *see* Hohkawa, K. 106455
Noge, S. *see* Komine, K. 84737
Noge, S. *see* Komine, K. 106419
Noggle, T. *see* Beuville, E. 90203
Noggle, T. *see* Beuville, E. 100968
Noggle, T. *see* Klein, S.R. 90223
Noggle, T. *see* Klein, S.R. 100976
Nogi, S., Shimura, T., Fukui, K. Traveling-wave microwave power combiner 104801
Nogi, S. *see* Ispir, R. 86011
Nogi, S. *see* Sanagi, M. 93785
Nogiec, J.M. *see* Harding, D.J. 89795
Nogiec, J.M. *see* Harding, D.J. 89796
Nogin, V.N., Dogadin, N.B. Influence of the passband of class BC amplifiers on their efficiency 104358
Noginov, M.A., Venkateswarlu, P., Mahdi, M. Two-step upconversion luminescence in Yb:Tb:YSGG crystal 65117
Nogly, D., Schladt, M. Digital topology on graphs 60852
Noguchi, A. *see* Harada, K. 116871
Noguchi, H. Simulation for structural safety by stochastic finite element method 92642
Noguchi, H., Kubota, Y., Takarada, T. Grain size control of diamond membrane for X-ray mask by use of fluidized bed pretreatment 115106
Noguchi, H. *see* Hayashi, M. 109882
Noguchi, H. *see* Mitsumine, H. 109960
Noguchi, H. *see* Xanasugi, A. 115917
Noguchi, H. *see* Yamanouchi, Y. 99739
Noguchi, H. *see* Yi, K.-W. 113274
Noguchi, H. *see* Yoshio, M. 71620
Noguchi, H. *see* Yoshio, M. 81705
Noguchi, H. *see* Yoshio, M. 112283
Noguchi, K., Ando, M., Goto, N., Hirose, M., Uno, T., Kamimura, Y. Directional antenna for portable telephones 68231
Noguchi, K., Ando, M., Goto, N.-H., Hirose, M.-N., Uno, T., Kamimura, Y.-T. Directional antennas for portable telephones 117024
Noguchi, K., Horiuchi, T. Reduced oxide reliability due to multilevel metalization process 63485
Noguchi, K., Horiuchi, T. Effect of low-temperature anneal during multilevel metallization process on plasma-induced oxide damage 105669
Noguchi, K., Mitomi, O., Miyazawa, H. Low-voltage and broadband Ti:LiNbO$_3$ modulators operating in the millimeter wavelength region 75584
Noguchi, K., Sasaki, M., Yanagi, S., Yuge, T. Reliability of connected-(r,s)-out-of-(m,n): F System 60699
Noguchi, K., Sasaki, M., Yanagi, S., Yuge, T. System reliability of a sensor system considering the detectable area 119661
Noguchi, K. *see* Aisawa, S. 88462
Noguchi, K. *see* Miyao, H. 62093
Noguchi, K. *see* Miyao, H. 78803
Noguchi, K. *see* Miyao, H. 98974
Noguchi, M., Ikoma, T., Odagiri, T., Sakakibara, H., Shi Nan Wang Saturation of electron phase breaking time in GaAs/AlGaAs quantum wires 114734
Noguchi, M., Nayar, S.K. Microscopic shape from focus using a projected illumination pattern 108678
Noguchi, M. *see* Kurobe, T. 60597
Noguchi, M. *see* Miyauchi, K. 66766
Noguchi, M. *see* Wang, S. 114779
Noguchi, M. *see* Watanabe, M. 77346
Noguchi, N. *see* Momozawa, M. 98189
Noguchi, N. *see* Nakajima, N. 72111
Noguchi, S., Ishiyama, A. An optimal design method for highly homogeneous and high-field superconducting magnets 95547
Noguchi, S., Ishiyama, A. An optimal design method for high field and highly homogeneous superconducting magnets 95605
Noguchi, S., Ishiyama, A. Optimal design method for MRI superconducting magnets with ferromagnetic shield 95611
Noguchi, S. *see* Koyama, A. 98727
Noguchi, S. *see* Ono, M. 100494
Noguchi, T., Kondo, S., Takahashi, I. Field-oriented control of an induction motor with robust on-line tuning of its parameters 111951
Noguchi, T., Tang, A.J., Tsai, J.A., Reif, R. Comparison of effects between large-area-beam ELA and SPC on TFT characteristics 105954
Noguchi, T. *see* Deguchi, K. 86647
Noguchi, T. *see* Lemmer, U. 64985
Noguchi, T. *see* Ogawa, K. 68841
Noguchi, T. *see* Ohgaki, H. 107392
Noguchi, T. *see* Sunada, K. 68807
Noguchi, T. *see* Tsukamoto, H. 94892
Noguchi, T. *see* Uzawa, Y. 115919
Noguchi, T. *see* Yokoyama, M. 96469
Noguchi, T. *see* Yoshino, K. 106650
Noguchi, Y., Wada, K., Nakamine, T., Okamoto, N. A new type CPW-resonator bandpass filter with wide suppression characteristics of harmonic resonance responses 83338
Noguchi, Y. *see* Wakita, K. 95827
Noguchi, Y. *see* Yoshimoto, N. 99460
Nogueira, G.E. *see* Maldonado, E.P. 95891
Nogues, C. *see* Horowitz, G. 64893
Nogues, J.-L. *see* Moreshead, W. 95917
Noh, D.Y. *see* Je, J.H. 103920
Noh, M.D. *see* Meeker, D.C. 85815
Noh, T.H. *see* Chul Sung Kim 64307
Noh, T.H. *see* Chul Sung Kim 115572
Noh, T.H. *see* Park, J.Y. 115574
Noh, T.W. *see* Jo, W. 95716
Noh, T.W. *see* See-Hyung Lee 92767
Noh Duck Soo *see* Duck Soo Noh
Noh Hong Seok *see* Hong Seok Noh
Noh Joo-Hyong *see* Joo-Hyong Noh
Noh Norlaili Mohd *see* Norlaili Mohd Noh
Noh Sam Kyu *see* Sam Kyu Noh
Noh Sam-Kyu *see* Sam-Kyu Noh
Noh-Hoon Myung *see* Jae-Ho Hwang 82991
Noh-Hoon Myung *see* Jong-Won Yu 116997
Nohama, P. *see* Lippmann, L., Jr 101439
Nohara, B.T., Yamamoto, I., Matsuura, M. The organized motion control of multi-directional wave maker 90825
Nohara, M., Inoue, T., Satoh, G., Hara, S. Satellite-based data distribution system with receipt acknowledgment 78606
Nohara, M. *see* Hara, Y. 60581
Nohara, N. *see* Murayama, H. 80223
Nohara, T. *see* Suzuki, S. 68176
Nohara, T. *see* Suzuki, S. 68255
Noharet, B., Wosinski, L., Sjoberg, H. Experimental evaluation of optimal trade-off synthetic discriminant function (OTSDF) filters with improved encoding method 108506
Nohavica, D., Gladkov, P., Lourenco, M.A., Yang, Z., Homewood, K.P., Ehrentraut, D. Meander type LPE–new approach to growth InP and GaInAsP layers 103903
Nohmeier, M. *see* Borghoff, U.M. 87840
Nohmi, M. *see* Kanekawa, N. 93535
Nohr, W.D. *see* Hanke, G. 94829
Nohse, K. Kyushu's path to remote meter reading 121245
Nohtomi, A. *see* Budihardjo, S. 100833
Noije, W.A.M.Van *see* Van Noije, W.A.M.
Noirard, P. *see* Morucci, S. 96797
Noiri, A. *see* Narita, S. 109299
Noiri, A. *see* Okamoto, Y. 78287
Noji, J. Laser applications in ophthalmology 110904
Nojima, A., Miyatani, T., Ishikawa, S., Nakamura, K., Komoda, N., Nishimura, Y. Applications of automated vehicle identification technology using micro-wave ID tag 93765
Nojima, K. *see* Mizuno, K. 121824
Nojima, K. *see* Yamagata, Y. 81596
Nojima, S. *see* Sasaki, N. 101950
Nojima, T., Tarusawa, Y., Narahashi, S. Circuit technology for mobile/personal communications 68121
Nojima, T. *see* Futakata, T. 78840
Nojima, T. *see* Futakata, T. 99587
Nojima, T. *see* Urabe, S. 78487
Nojima, T. *see* Watanabe, S. 118680
Nojima, T. *see* Watanabe, S.-I. 120540
Nojiri, H., Imanaka, H., Kumahara, N. Economical transition scenarios for access networks providing video services 98876
Nojiri, H., Kunimori, H. Crustal deformation monitoring system for the Tokyo metropolitan area. Satellite laser ranging system for the Key Stone Project. Design concept of the KSP-SLR system. Telescope and optics system 101537
Nojiri, H. *see* Kunimori, H. 101535
Nojiri, H. *see* Motokawa, M. 96985
Nojiri, K., Tsunokuni, K., Yamazaki, K. High rate and highly selective anisotropic etching for WSi$_x$/poly-Si using electron cyclotron resonance plasma 84160
Nojiri, K. *see* Kakimoto, N. 111556
Nojiri, K. *see* Kikuchi, T. 81351
Nojiri, Y. Study on objective evaluation for generated artifacts by motion compensated standards converters 117831
Nojo, S. *see* Okada, Y. 98562
Nokali, M.A.El *see* El Nokali, M.A.
Nokali, M.El *see* El Nokali, M.
Nola, A.Di *see* Di Nola, A.
Nolan, G.J., Puccio, V.J., Calhoun, C.W. Standby power generation under utility curtailment contract agreements 80952
Nolan, P.J. Diagnosis of power quality problems using fault tree induction algorithm 101671
Nolan, T.P., Hirayama, Y., Futamoto, M. Improvement of Co$_{71}$Cr$_{19}$Pt$_{10}$/Ti$_{90}$Cr$_{10}$ perpendicular recording media by independent optimization of film nucleation and growth processes 64455
Noland Suddeth, B. *see* Sullivan, M.J. 70734
Nold, M. *see* Novotny, R. 80047
Nold, M. *see* Novotny, R. 100842
Nolden, F. *see* Steck, M. 79832
Nolden, F. *see* Steck, M. 120074
Nolden, F. *see* Winkler, T. 79836
Nolen, J.A. Accelerator complex for a radioactive ion beam facility at ATLAS 79812
Nolen, J.A., Barlow, T.A., Beyer, K.A., Woody, K.A. Transverse emittance systematics measured for heavy-ion beams at ATLAS 100590
Nolen, J.A. *see* Kim, J.W. 95573
Nolibe, L., Borgnino, J., Ducoulombier, M., Artaud, M. Adaptive multispectral detection of small targets using spatial and spectral convergence factor 108552
Noll, A.M. The extraterrestrials are coming [mobile satellite communication] 68334
Noll, D. *see* Borwein, J.M. 117307
Noll, D.C. What makes functional MRI work? 120312
Noll, F. *see* Hausler, K. 61298
Noll, M., Vana, N., Schoner, W., Fugger, M., Brandl, H. Dose measurements in mixed (n,γ) radiation fields in aircraft with TLDs under consideration of the high temperature ratio 110986
Noll, P. *see* Mondino, P.-L. 64567
Noll, R. *see* Pfluger, S. 107624
Noll, T.E. *see* Jayaraj, K. 83677
Noll, T.E. *see* Jayaraj, K. 94053
Noll, T.G. *see* Berns, J.P. 104601
Noll, T.G. *see* Berns, J.P. 119433
Nollau, V. *see* Doge, G. 72448
Nolle, E.L., Prokhorov, A.M., Shchelev, M.Ya. A photocell with the photocathode based on the In$_{0.53}$Ga$_{0.47}$As/InP/Ag Schottky-barrier heterostructure for the spectral range 0.97-1.7 μm 91753
Nolle, T. Multimedia and ATM: delayed or denied? 87909
Nolle, T.L. ATM: a blueprint for carrier success 98383
Nolte, B., Gaul, L. Sound energy flow in the acoustic near field of a vibrating plate 88737
Nolte, D.D. Metastable optical gratings in compound semiconductors 74134
Nolte, D.D., Lahiri, I., Aguilar, M. Photorefractive Stark-geometry quantum wells: diffraction nonlinearities and displacement currents 106868
Nolte, D.D. *see* Jones, R. 107627
Nolte, D.D. *see* Lahiri, I. 64805
Nolte, D.D. *see* Melloch, M.R. 95995
Nolte, E. *see* Steinhausen, C. 101201
Noltimier, K.F., Jezek, K.C. Variations in radar backscatter across the great ice sheets 120813
Nolting, E., Miles, L., Miller, J., Kenyon, V., Spicer, W., Jr., Draper, J., Parsons, C., Warnock, F., Fisher, A., Peterson, G., Terry, R., Krishan, M., Prasad, R., Rondeau, G., Sethian, J., Pereira, N., Cochran, F., Smith, R. Cold X-ray simulation technology development at Phoenix 69899
Nolting, E.E. *see* Miller, J.D. 69900
Nolting, H.P. *see* Haes, J. 76540
Noma, A. *see* Koizumi, H. 73762
Noma, H. *see* Miyasato, T. 78128
Noma, K., Matsushita, N., Nakagawa, S., Naoe, M. Dependence of perpendicular coercivity on residual stress of Ba ferrite/ZnO bilayered films deposited on fused quartz substrate 115588
Noma, M. *see* Sakurai, H. 90170
Noma, M. *see* Tamura, T. 80082
Noma, M. *see* Tamura, T. 101025
Noma, M. *see* Tamura, T. 101026
Noma, M. *see* Tomita, H. 101027
Noma, N., Tsuzuki, T., Shirota, Y. α-thiophene octamer as a new class of photoactive material for photoelectrical conversion 81902
Noma, N. *see* Tsuzuki, T. 62794
Noma, N. *see* Tsuzuki, T. 91733
Nomachi, M. *see* Costa, M. 90231
Nomachi, M. *see* Costa, M. 100982
Nomerotsky, N.V. *see* Bolkhovityanov, Yu.B. 74137
Nomicos, C. *see* Panayiotakis, G. 64922
Nomiyama, T. *see* Miyazaki, T. 113795
Nomizu, S. *see* Jun Yin 64459
Nomokonova, N.N. Use of a thermodynamic parameter for quality control of microelectronic devices 60682
Nomoto, A. *see* Sasaoka, T. 84866
Nomoto, K., Kameda, H., Mano, S., Tachibana, Y. Path planning for low-altitude flight by fuzzy reasoning 68754
Nomoto, K. *see* Kameda, H. 88665
Nomoto, R. *see* Kasai, J. 103454
Nomoto, S. *see* Kaneko, S. 101604
Nomoto, T. *see* Nakamura, T. 69284
Nomoto, Y. *see* Ohkubo, T. 107810
Nomura, A. *see* Meki, K. 111231
Nomura, A. *see* Shibata, K. 119295
Nomura, G. *see* Mutoh, T. 108043

Nomura, H., Kaiho, K., Ishii, I., Higuchi, N., Tateishi, H., Fuchino, S., Kajikawa, K., Sekine, S., Arai, K., Natori, N., Tamada, N. How to recognize superconducting rotor sound by AE 95572
Nomura, H. *see* Higuchi, N. 102606
Nomura, H. *see* Nitta, T. 102773
Nomura, I., Kishino, K., Kikuchi, A. Theoretical analysis of cubic GaInN/GaN/AlGaN quantum well lasers 116520
Nomura, I., Morita, T., Kikuchi, A., Kishino, K. Novel ZnCdSe/MgZnCdSe compound system grown on InP substrates by MBE and theoretical investigation of 550-640 nm range ZnCdSe/MgZnCdSe lasers 74151
Nomura, I. *see* Yoshida, J. 65235
Nomura, K. *see* Hirasaka, H. 115816
Nomura, K. *see* Mizutani, Y. 81780
Nomura, K. *see* Tomita, N. 64580
Nomura, M. Product road map for ATM-LAN controller 87687
Nomura, M., Hori, M., Shimomura, J., Terashima, M. Velocity measurement using phase orthogonal spatial filters 100337
Nomura, M., Konishi, T., Nakanishi, Y., Takenaka, M. Outage scheduling expert system for energy center 101709
Nomura, M., Koyama, A. Design and performance of a new XAFS beamline at the Photon Factory; BL-12C 80147
Nomura, M. *see* Hayakawa, K. 96456
Nomura, M. *see* Kozu, S. 73423
Nomura, M. *see* Taniguchi, A. 76781
Nomura, M. *see* Terashima, M. 81947
Nomura, R. *see* Singh, B.P. 107408
Nomura, S. *see* Endo, S. 104079
Nomura, S. *see* Koyanagi, K. 95535
Nomura, S. *see* Schoenfeld, O. 63047
Nomura, S. *see* SeokBeom Kim 95416
Nomura, S. *see* Tasaki, K. 102263
Nomura, S. *see* Xinwei Zhao 94534
Nomura, S. *see* Yazawa, T. 102053
Nomura, T., Eguchi, M., Niwamoto, H., Kokubo, H., Miyamoto, M. An extension of the Herault-Jutten network to signals including delays for blind separation 108369
Nomura, T., Katagiri, M., Iwasaki, K., Kako, N. Three dimensional display based on discrete Fourier transform 79616
Nomura, T., Takebayashi, M., Furukawa, S., Obana, M. Surface acoustic wave sensor for sensing acoustic properties of liquid 106464
Nomura, T., Tamaru, M. Layered blind deconvolution using subband filter banks 87237
Nomura, T., Yoshikawa, M., Ishikawa, K., Hagino, M. Growth mode transition in GaAs/GaP(001) 92753
Nomura, T. *see* Furukawa, S. 106462
Nomura, T. *see* Ikeda, N. 115155
Nomura, T. *see* Jeong, S.C. 100438
Nomura, T. *see* Nishibori, T. 66065
Nomura, T. *see* Nishibori, T. 76603
Nomura, T. *see* Ozawa, K. 117288
Nomura, T. *see* Saitou, A. 79373
Nomura, T. *see* Takahashi, Y. 89264
Nomura, Y., Dili Zhang, Sakaida, Y., Fujii, S. 3-D object pose estimation by shading and edge data fusion–simulating virtual manipulation on mental images 86466
Nomura, Y. *see* Dili Zhang 86832
Nomura, Y. *see* Dili Zhang 109887
Nomura, Y. *see* Ishikawa, T. 99807
Nomura, Y. *see* Kajikawa, Y. 67971
Nomura, Y. *see* Kajikawa, Y. 87987
Nomura, Y. *see* Matsui, H. 86882
Nomura, Y. *see* Sato, A. 109867
Nomura, Y. *see* Tsuji, M. 93742
Nomura, Y. *see* Zhang, D. 108693
Nonaka, H. *see* Komatsu, T. 76898
Nonaka, K., Kurokawa, T. All-optical clock-recovery using a SILC-LD with a feedback loop 85495
Nonaka, S., Sambe, Y., Nakamura, T., Okada, M. A study for the astronomical image coding method 67431
Nonaka, Y. A double coil method for simultaneously measuring the resistivity, permeability, and thickness of a moving metal sheet 69432
Nonami, K., Ito, T. μ synthesis of flexible rotor-magnetic bearing systems 102624
Nonami, K. *see* Sawada, K. 70949
Noneaker, D.L., Pursley, M.B. The performance of direct-sequence CDMA in fading, multipath channels 118855
Nong Sang, Tianxu Zhang, Luogang Wei, Gouyou Wang Relaxation matching by the Hopfield neural network 66915
Nong Sang *see* Guoyou Wang 67386
Nong Sang *see* Sang Nong
Nonin, K. *see* Serizawa, M. 118572
Nonnenmacher, J. *see* Biersack, E. 118614
Nonoda, Y. *see* Arai, F. 89513
Nonoda, Y. *see* Arai, F. 110392
Nonogaki, Y. *see* Nakata, H. 61200
Nonomura, E. *see* Yamada, Y. 90603
Nonomura, K. *see* Yamamoto, K. 89384
Nonomura, S., Kobayashi, S., Gotoh, T., Hirata, S., Ohmori, T., Itoh, T., Nitta, S., Morigaki, K. Photoconductive a-GaN prepared by reactive sputtering 94382
Nonomura, S. *see* Hasegawa, S. 94410
Nonomura, Y. *see* Nishibe, Y. 122061
Noo, F., Bernard, C., Litt, F.X., Marchot, P. A comparison between filtered backprojection algorithm and direct algebraic method in fan beam CT 98325
Noo, F. *see* Axelsson-Jacobson, C. 90419
Nooijer, M.-C.de *see* de Nooijer, M.-C.
Noomen, J. *see* Luijckx, G. 79917
Noomen, J.G., Boer-Rookhuizen, H., Dobbe, N., v. Es, J., Heine, E., Kroes, F., Kuijt, J., v.d. Laan, J., Poelman, A., Nieuwenkamp, H., Sluijk, T. Beam diagnostics for the Amsterdam pulse stretcher AmPS 100546
Noonan, J. *see* Brauer, S.O. 100740
Noonan, J.P., Marquis, D.A. A new FIR filterbank design algorithm using frequency scaling and modulation 97767
Noonan, J.P., Marquis, D.A. False alarm probability of a DWT-based estimation algorithm 108327
Noonan, M.J. Future-proofing without overengineering: A scalable solution from broadcast to narrowcast [CATV] 119450
Noor, A.K. *see* Kim, Y.H. 72727
Noor, M.A. Set-valued variational inequalities 72491
Noor, M.A. Generalized multivalued quasi-variational inequalities 72526
Noor, M.Aslam *see* Aslam Noor, M.
Noor, U.M. *see* Davison, M. 94318
Noor, Y.M., Hock, K., Camut, J.-L., Chong Che Keong Illumination and imaging of solder joints for automatic inspection 83614
Noor Mohammad, S. *see* Chen, Z. 84003
Noordam, P., van der Vlist, A. Trends in IT. 3. EDI, e-mail, Inter- and intranet 118302
Noordegraaf, A.V., Faes, T.J.C., Janse, A., Marcus, J.T., Heethaar, R.M., Postmus, P.E., de Vries, P.M.J.M. Improvement of cardiac imaging in electrical impedance tomography by means of a new electrode configuration 101393
Noordeloos, P. *see* Schnack, H.G. 110116
Noorden, L.van *see* van Noorden, L.
Nooritanon, J. *see* Chirarattananon, S. 71897
Noponen, E., Saarinen, J. Rigorous synthesis of diffractive optical elements 96829
Nopp, P., Pfutzner, H., Bogl, K., Nakesch, H., Ruhsam, C. Electric field plethysmography signals of the human thorax as determined by a 2-D FE-model 70165
Noppenau, H. The multiple fuel concept of SK Power–a dual-fired 500 MW unit with advanced gas turbine 111801
Nor, J.K. Art of charging electric vehicle batteries 71847
Nor, S.M., Ismail, I. Performance of CSMA with collision avoidance protocol for radio local area networks 78007
Nor Sulaiman Mohd *see* Sulaiman Mohd Nor
Nora, P. *see* Diazzi, C. 122074
Noras, J.M. *see* Shepherd, S.J. 86056
Norbash, A.M. *see* Rubin, G.D. 90324
Norbert, K., Detlefsen, J. Measurement principles of lateral and longitudinal velocity for automobiles with Doppler effect 68660
Norby, T. *see* Kononchuk, O.F. 81789
Nordanlycke, I. *see* Amthauer, E. 101975
Nordberg, E. *see* Padamsee, H. 100471
Nordberg, M.E., III A fast algorithm for FIR digital filtering with a sum-of-triangles weighting function 62026
Nordby, M. *see* Heifets, S. 89624
Nordby, M. *see* Holdener, F.R. 100432
Nordby, M. *see* Kurita, N. 100553
Nordby, M. *see* Wienands, U. 89916
Nordebo, S., Claesson, I., Nordholm, S. An adaptive microphone array employing calibration signals recorded on-site 98602
Nordell, N., Andersson, S.G., Schoner, A. A new reactor concept for epitaxial growth of SiC 103977
Nordell, N., Savage, S., Schoner, A. Aluminium doped 6H SiC: CVD growth and formation of ohmic contacts 104166
Nordell, N., Schoner, A., Andersson, S.G. Design and performance of a new reactor for vapor phase epitaxy of 3C, 6H, and 4H SiC 113384
Nordell, N. *see* Schoner, A. 105229
Nordgren, J. *see* Duda, L.C. 101004
Nordgren, J. *see* Johansson, E. 61249
Nordh, E. *see* Josefsson, T. 69917
Nordhausser, A. *see* Grotheer, W. 112505
Nordheden, K.J., Ferguson, D.W., Smith, P.M. Reactive ion etching of via holes for GaAs HEMTs and MMICs using $Cl_2/BCl_3/Ar$ gas mixtures 63297
Nordheim, E.V. *see* Lee, J. 103582
Nordholm, S. *see* Nordebo, S. 98602
Nordieker, B., Imhof, K. Training simulator for modern load dispatching centers 121001
Nordin, G. *see* Kulick, S. 100181
Nordin, G.P. *see* Kowel, S.T. 95852
Nordin, R.S.B., Hoff, P.E.H.G., Lord, W.S.G. Experiences with diagnostic methods and condition monitoring for HV circuit breakers and GIS in Sweden 102910
Nordine, P.C. *see* Givargizov, E.I. 92664
Nordkvist, T. *see* Shippey, G. 68716
Nordkvist, T. *see* Shippey, G. 88719
Nordlander, E. *see* Bleichner, H. 83812
Nordlund, P., Uhlin, T. Closing the loop: detection and pursuit of a moving object by a moving observer 77207
Nordlund, P. *see* Eklundh, J.-O. 87141
Nordman, C.A. *see* Vas'ko, V.A. 61196
Nordman, J.E. *see* Davidson, B.A. 75355
Nordmann, F. *see* Stutzmann, A. 81250
Nordquist, K. *see* Pohm, A.V. 75253
Nordquist, K. *see* Pohm, A.V. 115875
Nordquist, K.J. *see* Allen, S.T. 62273
Nordquist, K.J. *see* Allen, S.T. 83381
Nordquist, K.J. *see* Allen, S.T. 106039
Nordquist, K.J. *see* Mancini, D.P. 115045
Nordquist, K.K. *see* Weitzel, C.E. 105835
Nordquist, P.E.R. *see* McGregor, D.S. 80153
Nordquist, P.E.R. *see* McGregor, D.S. 92663
Nordstrom, A. *see* Hellaker, J. 99731
Nordstrom, G. *see* Corbett, F. 109807
Nordstrom, P. *see* Persson, L. 68721
Nordstrom, R., Brunner, A.J. Discrimination of AE phenomena in composite testing 113608
Nordstrom, R. *see* Brunner, A.J. 61481
Nordstrom, R. *see* Brunner, A.J. 113609
Norek, G. *see* Cho, Y. 79994
Norem, J., Crosbie, E., Repond, J., Teng, L. A preliminary design for a Tau-Charm Factory 79979
Norem, J., Dawson, J., Haberichter, W., Lam, R., Reed, L., Yang, X.-F., Spencer, J. Tests of a high resolution beam profile monitor 100593
Norem, J. *see* Kwok, P. 89918
Noreus, D. *see* Sakai, T. 71671
Noreus, D. *see* Ye, Z. 71656
Norford, L.K., Leeb, S.B. Nonintrusive electrical load monitoring in commercial buildings based on steady-state and transient load-detection algorithms 121248
Norga, G. *see* Chalfoun, L. 112377
Norga, G.J. *see* Michel, J. 84117
Norgaard, J. *see* Capellmann, C. 98825
Norgaard, J., Iversen, V.B. *(editors)* Intelligent Networks and New Technologies. Proceedings of the IFIP TC6 Conference on Intelligent Networks and New Technologies 92043
Norgaard-Nielsen, H.U. *see* Mandolesi, N. 109844
Norgard, C., Matthews, A. Two-step diamond growth for reduced surface roughness 72922
Norgren, M., He, S. An optimization approach to the frequency-domain inverse problem for a nonuniform LCRG transmission line 97210
Norgren, M., He, S. Optimal designs for nonuniform LCRG transmission lines 107969
Norifusa, M., Wei Lu "Socks5Toolkit" based on RFC1928, enabling applications to facilitate proxy data communication capability 118067
Norimatsu, S. *see* Tsunetsugu, H. 99508
Norimatsu, S. *see* Yonenaga, K. 68510
Norio, S. *see* Mikihiko, K. 104198
Norishima, M. *see* Kuroda, T. 73425
Noritake, C., Kondo, I., Kondo, K., Takenaka, O., Kinbara, A. Difference of Si nodules precipitating from Al-X wt.% Si (X=0.5~3.3) 114592
Norklit, O. *see* Wigard, J. 99157
Norlaili Mohd Noh, Rezaul Hasan, S.M. Application of FPGA device in the design of a systolic array Viterbi decoder 97449
Norlyng, S. Packaging and interconnection activities in the Nordic countries. The role of sub-contractors 106156
Norman, A., Nyquist, D., Rothwell, E., Chen, K.M., Ross, J., Ilavarasan, P. Transient scattering of a short pulse from a conducting sinusoidal surface 88669
Norman, A. *see* Chen, K.M. 99656
Norman, A.G. *see* Li, Y.B. 105312
Norman, C. *see* Amone, D.D. 105272
Norman, C.E. *see* Pratt, A.R. 62914
Norman, G. *see* Ekstroem, C. 69681
Norman, O. A band pass $\Sigma\Delta$ modulator for ultrasound imaging at 160 MHz clock rate 73487
Norman, R.J., Dyson, P.L., Bennett, J.A. Quasicubic-segmented ionospheric model 111220
Normand, E. Single-event effects in avionics 70330
Normand, E., Wert, J.L., Majewski, P.P., Oberg, D.L., Bartholet, W.G., Davis, S.K., Shoga, M., Wender, S.A., Gavron, A. Single event upset and latchup measurements in avionics devices using the WNR neutron beam and a new neutron-induced latchup model 70338
Normand, F.Le *see* Le Normand, F.
Normand, M. *see* Zribil, M. 120706
Normand, N., Guedon, J.-P., Philippe, O., Barba, D. Controlled redundancy for image coding and high-speed transmission 86523
Normandon, P. *see* Lerme, M. 84227
Normann, R.A., Maynard, E.M., Guillory, K.S., Warren, D.J. Cortical implants for the blind 70227
Noro, A., Nakamura, K., Watanabe, T., Morita, T. Acoustic-based real-time partial-discharge location in model transformer 102779
Noro, H., Fukushi, K., Nakayama, T. Molecular dynamics approach to the mode analysis of optical waveguides 85036
Noro, H., Nakayama, T. A new approach to scalar and semivector mode analysis of optical waveguides 76539
Noro, M. *see* De Flaviis, F. 96873
Noro, S. *see* Kojima, K. 73411
Noro, T. *see* Yosoi, M. 120231

Noronha, C.A., Jr., Tobagi, F.A. Routing of multicast audio/video streams in reconfigurable WDM optical networks 78869
Noronha, P. *see* Umesh, G. 81406
Noroozi, S. *see* Baker, K. 110027
Noroozian, M., Angquist, L., Ghandhari, M., Andersson, G. Use of UPFC for optimal power flow control 101910
Norreys, P.A. *see* Danson, C.N. 85429
Norreys, P.A. *see* Zhang, J. 96102
Norrie, D., Jeffs, M. Optical technology utilised in the design of the 'Crusader' HMD system 119804
Norris, B.L. Control system for Fermilab's Low Temperature Upgrade 89618
Norris, J.B. *see* Higa, C. 88443
Norris, J.O.W. *see* Wei Jin 69225
Norris, T. *see* Jiunn-Ren Hwang 116232
Norris, T. *see* Kamath, K. 96266
Norris, T. *see* Zhang, X. 62907
Norris, T.B., Rhee, J.K., Lai, R., Citrin, D.S., Nishioka, M., Arakawa, Y. Ultrafast spectroscopy of carriers and excitons in semiconductor microcavities 116482
Norris, T.B. *see* Bhargava, R.N. 62713
Norris, T.B. *see* June-Koo Rhee 96597
Norris, T.B. *see* Lai, R.K. 106978
Norris, T.B. *see* Sosnowski, T.S. 96724
Norris, T.B. *see* Sung, C.Y. 63079
Norris, T.B. *see* Sung, C.Y. 116564
Norris, T.B. *see* Whitaker, J.F. 114644
Norris, W.T. *see* Beduz, C. 81919
Norris, W.T. *see* James, D.A. 80759
Norrmann, J., Ziegenbein, J. Investigation of the ambiguity function of a special kind of sonar signals 68734
Norrod, F., Wawrzynek, R. A multimedia-enhanced x86 processor 73467
Norros, I. *see* Aalto, S. 77783
Norros, L. *see* Reiman, L. 81212
Norskov, S. *see* Gliese, U. 119168
Norstrom, J.G. The use of precautionary loss functions in risk analysis 113025
Norsworthy, S.R., Bays, L.E., Fischer, J. A programmable codec signal processor 73427
Norsworthy, S.R., Rich, D.A., Viswanathan, T.R. A minimal multibit digital noise shaping architecture 104630
Norte, D., Willner, A.E. Simultaneous probe and pump extinction ratio enhancement demonstration in all-optical noninverted wavelength shifting 75977
Norte, D., Willner, A.E. Demonstration of an all-optical data format transparent WDM-to-TDM network node with extinction ratio enhancement for reconfigurable WDM networks 78699
Norte, D., Willner, A.E. All-optical data format conversions and reconversions between the wavelength and time domains for dynamically reconfigurable WDM networks 78902
Norte, D. *see* Park, E. 88656
North, R.C. *see* Staley, T.L. 108114
North, S.J., Noade, C.J., Pennel, R. Novel manufacturing and assembly approach to EMI/RFI suppression of high density connectors 73844
North, T. *see* Mueller, R.E. 107650
Northam, A.R. SAW resonator oscillator design using linear RF simulation 75067
Northcote, B., Rumsewiczy, M. An investigation of CCS tandem overload control issues 77642
Northcutt, J.D. *see* Schmidt, B.K. 118596
Northmore, D.P.M., Elias, J.G. Spike train processing by a silicon neuromorph: the role of sublinear summation in dendrites 93650
Northrop, T. *see* Swirhun, S. 119223
Northrup, J.E. *see* Romano, L.T. 114632
Northrup, M.A. *see* Hsueh, Y.-T. 119751
Northrup, M.A. *see* Lee, A.P. 64004
Northrup, M.M., Todd, R.H. Using object-oriented techniques to model discrete product systems 92152
Northwood, D.O. *see* Mingming Geng 112200
Norton, C.A., III, Zahorian, S.A., Nossair, Z.B. The application of binary-pair partitioned neural networks to the speaker verification task 76843
Norton, D.P. *see* Lowndes, D.H. 113425
Norton, G.H. *see* Wijayasuriya, S.S.H. 99228
Norton, L. Step-by-step SMT: Solutions for today. I. Design for manufacture: From the bare-board fabricator's perspective 73882
Norton, L. Design for fabrication [PCB] 94023
Norton, M. The effect of new European norms on the world EMC market 76441
Norton, M. Parliamentary technology assessment in the UK 103355
Norton, M. *see* Celliers, P. 76312
Norton, M. *see* Sampayan, S. 89616
Norton, P.R. *see* Akesson, T. 69833
Norton, P.R. *see* Zhdanov, V.P. 94748
Norton, S. *see* Bice, S.D. 87574
Norton-Wayne, L. *see* Shavirin, I. 110205
Norum, B. *see* Carman, T.S. 110634
Norum, B.E., Rossmanith, R. Absolute energy measurement in e^-e^+ colliders 100519
Norum, B.E. *see* Cromer, K.D. 89830
Norum, E. *see* Jessie, D. 79862
Norum, L.E. *see* Round, S.D. 70844
Norum, L.E. *see* Yu, Q. 121081
Norvaisas, S. *see* Kuprionis, Z. 96605
Norvell, B. *see* Goldsmith, C. 95220
Norvell, S.L. *see* Ochoa, E. 94093
Norwood, C.A. *see* Beadle, B.M. 85028
Norwood, R.A., Whitney, L.A. Rapid and accurate measurements of photoresist refractive index dispersion using the prism coupling method 115064
Norwood, R.A. *see* Dammel, R.R. 105823
Norwood, R.A. *see* Yamamoto, H. 65488
Norwood, R.A. *see* Yamamoto, H. 76258
Norwood, R.A. *see* Yardley, J.T. 85045
Norwood, R.A. *see* Yardley, J.T. 106839
Norwood, R.B., McCluskey, E.J. Synthesis-for-scan and scan chain ordering 104469
Nosach, S.V. *see* Ostrirov, V.N. 103066
Nosaka, E. *see* Koitabashi, M. 83722
Nosaka, H., Katayama, Y., Tsuji, K. Effect of pressure on variable range hopping in amorphous semiconductors 94386
Nosaka, T., Yoshitake, M., Okamoto, A., Suzuki, Y., Ogawa, S., Mima, H. Preparation of Pd thin film photo-cathodes using ion-beam sputtering 114510
Nose, H., Shirai, S., Ueyama, T., Maehara, M., Sakurai, S. Development of a 56 cm wide-screen color data display tube 89247
Nose, M. *see* Messoussi, R. 63340
Nose, S. *see* Bohno, T. 103051
Nose, T., Sato, S. Self-scanning behavior in an array of LCBOD pixels 85141
Nose, T. *see* Masuda, S. 116131
Nose, T. *see* Zhan He 95840
Nosenbaum, E. *see* Chin-Chi Teng 84248
Noshiro, M. *see* Goto, E. 80217
Nosich, A.I. Reflector antenna simulations by complex source–dual series approach 76547
Nosich, A.I., Altintas, A., Colak, D., Oguzer, T. Complex source, dual series approach in modelling reflector antennas 66082
Nosich, A.I. *see* Boriskina, S.V. 114236
Noske, H. *see* Ebeling, H.-J. 121377
Noskov, V. *see* Kunitzin, A. 63306
Nosmas, J.C. *see* Laurette, L. 80309
Nosochkov, Y., Cai, Y., Irwin, J., Sullivan, M., Forest, E. Detector solenoid compensation in the PEP-II B-factory 79976
Nosochkov, Y. *see* Cai, Y. 79973
Nosochkov, Y. *see* Donald, M.H.R. 79978
Nosovskii, A.V. *see* Goncharov, B.I. 81204
Nosratinia, A., Mohsenian, N., Orchard, M.T., Liu, B. Interframe coding of magnetic resonance images 120296
Nosratinia, A., Orchard, M.T. Optimal unified approach to warping and overlapped block motion estimation in video coding 86513
Nossair, Z.B., Zahorian, S.A. A neural network clustering technique for text-independent speaker identification 76844
Nossair, Z.B. *see* Norton, C.A., III 76843
Nossal, R. *see* Chernomordik, V. 120395
Nosseir, A. *see* Arafa, B.A. 102201
Nossek, J.A. *see* Farsakh, C. 99170
Nossek, J.A. *see* Farsakh, C. 117079
Nossov, A. *see* Dieny, B. 75205
Nossov, S. *see* Cowache, C. 84815
Nossum, B. *see* Alvsvaag, S.J. 90124
Nostro, P.Lo *see* Lo Nostro, P.
Nosu, K. *see* Toba, H. 78723
Nosyrev, S. *see* Gorniker, E. 100510
Nosyrev, S. *see* Veshcherevich, V. 100509
Notake, Y., Harada, K., Kitahara, H., Tomita, K., Hazama, H. Application of ESR technique at the stage of LSI process development 95135
Notani, H. *see* Yamanaka, H. 109311
Notaris, S.E. *see* Gautschi, W. 103728
Notaristefani, F.De *see* De Notaristefani, F.
Notaro, J., Sueri, S., Sukumar, V. An IC for synchronous rectification of higher power outputs 82917
Notash, A. *see* Amoozegar, F. 88715
Notcutt, M., Mann, A.G., Ivanov, E.N., Blair, D.G. A microwave temperature control system dedicated to a cryogenic sapphire-spaced Fabry-Perot optical frequency reference 79225
Notcutt, M. *see* Taylor, C.T. 119882
Note, S. *see* Van Canneyt, M. 98943
Notea, A. *see* Twitto, A. 113564
Notebaert, O. *see* Poivey, C. 73462
Notebaert, O. *see* Poivey, C. 104598
Noteboom, R., Ali, H.H. A new genetic algorithm for single row routing [of PCBs] 94019
Notess, G.R. Telnet, the forgotten Internet tool 98659
Notess, G.R. Email address databases 118306
Noth, W., Hinsberger, U., Kolla, R. TROY: a tree based approach to logic synthesis and technology mapping 93297
Nothaft, M.A. *see* Miri, A.M. 112038
Nother, G. *see* Darweschsad, M. 95517
Noto, F. *see* Ruike, M. 92961
Noto, J. *see* Thayer, J.P. 120765
Noto, K., Kimura, H., Matsukawa, M., Fujinuma, S., Segawa, T., Takahashi, T., Sadakata, N., Saito, T., Goto, K., Kohno, O., Honma, H., Takahashi, C. Development and test results of magnetically controlled persistent current switches 71586
Noto, K. *see* Katagiri, K. 64521
Noto, K. *see* Sadakata, N. 91772
Notomi, M., Hammersberg, J., Weman, H., Potemski, M., Sugiura, H., Okamoto, M., Tamamura, T. Dimensionality effects on strain for lattice-mismatched InAsP/InP quantum wires: the relationship between strain and 2D quantum confinement 63041
Nott, H.A. Electromagnetic visualisation using commercial software 66041
Nottenburg, R.N. *see* Siala, S. 99505
Notton, G., Muselli, M., Louche, A. Autonomous hybrid photovoltaic power plant using a back-up generator: a case study in a Mediterranean island 91399
Notton, G., Muselli, M., Poggi, P., Louche, A. Autonomous photovoltaic systems: influences of some parameters on the sizing: simulation timestep, input and output power profile 91398
Notzel, R. Self-organized growth of quantum-dot structures 113341
Notzel, R., Ramsteiner, M., Menniger, J., Trampert, A., Schonherr, H.-P., Daweritz, L., Ploog, K.H. Patterned growth on high-index GaAs (n11) substrates: application to sidewall quantum wires 113380
Notzel, R., Temmyo, J., Kozen, A., Tamamura, T., Fului, T., Hasegawa, H. Self-organized growth of quantum-dot structures 61296
Nouailhat, A. *see* Ashburn, P. 63603
Nouailhat, A. *see* Mounib, A. 63594
Nouals, C. *see* Seghouani, N. 97977
Nouaoura, M. *see* Bertru, N. 61177
Nouchi, P. *see* Artigaud, S. 88597
Nouchi, P. *see* Artigaud, S. 88650
Nouda, M. *see* Sawkar, S.S. 89437
Nouda, Y., Wada, H., Kano, T. Development of mobile ITV system 68930
Noudem, J.G., Beille, J., Bourgault, D., Chateigner, D., Tournier, R. Bulk textured Bi-Pb-Sr-Ca-Cu-O (2223) ceramics by solidification in a magnetic field 106668
Nouel, B. *see* Castellanos, O. 102145
Nouet, G. *see* Ihlal, A. 94462
Nouet, P., Toulouse, A. A test chip for interconnect capacitance modelling in a CMOS process 115337
Nouet, P. *see* Toulouse, A. 84609
Noufi, R. *see* Contreras, M.A. 103009
Noufi, R. *see* Fernandez, A.M. 81893
Noufi, R. *see* Gabor, A.M. 92938
Noufi, R. *see* Tuttle, J.R. 112339
Nougier, J.P. *see* Varani, L. 114606
Noullet, J.L. *see* Ciota, Z. 114079
Noullet, J.L. *see* Sicard, E. 84584
Nourani, M., Papachristou, C. False path exclusion in delay analysis of RTL-based datapath-controller designs 113878
Nourani, M. *see* Papachristou, C. 83074
Nourbakhsh, F., Dhawan, R.K., Strandell, M. A novel 9 kW transformerless high frequency AC/DC to DC converter with isolation 71464
Noureddine, F., Lazeregue, M.S., Noyes, D. Fault detection-location in robots using a scheme of observers 103510
Nouri, H. *see* Davies, T.S. 71202
Nouri, H. *see* Davies, T.S. 102525
Nouri, H. *see* Davies, T.S. 102526
Nouri, H. *see* Davies, T.S. 104920
Nourine, L. *see* Morvan, M. 103639
Noury, A. *see* Perrier, P.A. 78855
Nousek, J.A. *see* Kraft, R.P. 110626
Nousiainen, K. *see* Kannus, K. 102277
Nousiainen, K. *see* Pakonen, P. 102275
Noutsios, P.C. *see* Yip, G.L. 64726
Nouvelot, L. *see* Scherer, K. 106916
Nouweland, A.Van den *see* Van den Nouweland, A.
Nouza, J. A two-level classification scheme for CDHMM-based discrete-utterance recognition 66603
Novacek, Z. The current distribution and characteristic impedance of multiwire hexaedric antenna 85968
Novak, B., Bigec, M. Childhood obesity prediction with artificial neural networks 110640
Novak, D., Kim, D.Y., Hai-Feng Liu, Ahmed, Z., Ogawa, Y. Locking range of a hybrid mode-locked monolithic DBR semiconductor laser at millimeter-wave frequencies 96413
Novak, D. *see* Ahmed, Z. 75970
Novak, D. *see* Ahmed, Z. 109641
Novak, D. *see* Kim, D.Y. 75973
Novak, D. *see* Nguyen, L.V.T. 75971
Novak, D. *see* Nguyen, L.V.T. 85539
Novak, D. *see* Pelusi, M. 76011
Novak, E. On the power of adaption 113198
Novak, F. *see* Mohamed, F. 106147
Novak, I. *see* Eged, B. 73278
Novak, I. *see* Eged, B. 73279
Novak, I. *see* Sokal, N.O. 73130
Novak, I. *see* Sokal, N.O. 93136
Novak, J., Morvic, M., Betko, J., Foerster, A., Kordos, P. Wet chemical separation of low-temperature GaAs layers from their GaAs substrates 114951
Novak, J. *see* Betko, J. 114637
Novak, J. *see* Cambel, V. 79375
Novak, J. *see* Kovac, J. 100046
Novak, J. *see* Szymanski, J.J. 110589
Novak, L.M., Halversen, S.D., Owirka, G.J., Hiett, M. Effects of polarization and resolution on the performance of a SAR automatic target recognition system 68632
Novak, L.M., Halversen, S.D., Owirka, J., Hiett, M. Effects of polarization and resolution on the performance of a SAR automatic target recognition system 80732
Novak, L.M. *see* Chaney, R.D. 109755
Novak, M. *see* Sicha, M. 113494

Novak, P. *see* Kolesar, J. 62367
Novak, R., Rugelj, J. Distribution of constrained Steiner tree computation in shortest-delay networks 118177
Novak, S. Optimizing transmission line matching circuits 82834
Novak, S.A. *see* Golban, I.M. 115128
Novak, S.W. *see* Steckl, A.J. 75697
Novak, T. *see* Ban, J. 69810
Novak, V. *see* Eberle, W. 74128
Novelli, P. *see* Baldanza, C. 100919
Novellino, J. Mixed-signal designs complicate debugging 79230
Novellino, J. Digital scope targets 8-bit microcontroller designs 89203
Novellino, J. DSOs work at becoming more productive 89205
Novellino, J. An old dog learns new tricks 110276
Novembre, A.E., Munzel, N. The electron-beam and X-ray lithographic performance of the high resolution CAMP and ARCH family of chemically amplified resists 115100
Novero, C. *see* Beverini, N. 68961
Novero, C. *see* Castelletto, S. 89072
Novgorodov, M.Z. *see* Kuznetsov, A.A. 75784
Novich, B.E. *see* Adams, R.W. 82216
Novichikhin, Ye.P. *see* Parshukov, V.A. 76426
Novichkov, A.V. *see* Efimovskii, S.V. 85377
Novick, B., Sebo, A. On ideal clutters, metrics and multiflows 113172
Novik, V.K. *see* Esengaliev, A.B. 106309
Novik, V.K. *see* Gavrilova, N.D. 106310
Novikov, A. *see* Le Breton, A. 92404
Novikov, A. *see* Veshcherevich, V. 100509
Novikov, A.A. *see* Amelin, S.A. 64200
Novikov, A.I. *see* Benderskaya, L.P. 75716
Novikov, B.S. *see* Demirchyan, K.S. 97007
Novikov, G.E. *see* Khaleev, M.M. 96238
Novikov, L.S. *see* Krupnikov, K.K. 120581
Novikov, N.L. Control and characteristics of superconducting devices designed for energy purposes 80841
Novikov, S.A. *see* Chernikov, V.I. 100720
Novikov, S.I. *see* Sverdlov, V.Ya. 95569
Novikov, S.I. *see* Vedernikov, G.P. 95421
Novikov, S.V. *see* Drozdov, S.V. 113292
Novikov, S.V. *see* Drozdova, S.V. 92742
Novikov, S.V. *see* Foxon, C.T. 82693
Novikov, S.V. *see* Kreshchuk, A.M. 74318
Novikov, S.V. *see* Kreshchuk, A.M. 75681
Novikov, V.N. *see* Bel'kov, S.A. 85699
Novikov, V.N. *see* Esengaliev, A.B. 106309
Novikov, V.N. *see* Gumnova, I.I. 79389
Novikov, V.P. *see* Gertsev, K.F. 79893
Novikov, V.V., Solov'ev, Yu.N. Asymptotics of eigenwaves of a smooth irregular spherical anisotropic waveguide 85944
Novikov, Yu.A. *see* Danilov, V.A. 74643
Novikova, T.A. *see* Grishin, V.K. 79876
Novini, A. Fundamentals of machine vision lighting 67207
Novini, A. Fundamentals of machine vision lighting 81991
Novodvorsky, O.A. *see* Galushkin, M.G. 107418
Novodvorsky, O.A. *see* Samarkin, V.V. 107084
Novokhatsky, A. *see* Dikansky, N.S. 89778
Novokshonov, O.G. *see* Tarasov, V.I. 101852
Novomy, R.A. *see* Chirovsky, L.M.F. 85334
Novopashin, V.V. *see* Kolodnyi, G.Ya. 64878
Novorusski, V.V. *see* Voropai, N.I. 101834
Novosad, S.S. *see* Lyskovich, O.B. 107539
Novosartov, M.T. *see* Kritsky, S.V. 70601
Novosel, B., Macek, J., Marinsek, M. Thermal decomposition of metal oxalate hydrazinates to metal powders 72975
Novosel, B. *see* Degen, A. 72976
Novosel, B. *see* Macek, J. 81738
Novosel, D., Vu, K.T., Hart, D., Udren, E. Practical protection and control strategies during large power-system disturbances 121057
Novosel, D. *see* Hart, D. 102232
Novosel, D. *see* Hart, D.G. 102250
Novoselov, N.A. *see* Belousova, I.M. 120767
Novoselov, N.A. *see* Dutov, A.I. 85367
Novoselov, N.A. *see* Dutov, A.I. 107081
Novoselov, N.A. *see* Dutov, A.I. 116354
Novoselov, S.K. *see* Agranov, G.A. 119726
Novoselskiy, V.V. *see* Gan, M.A. 64860
Novotny, D.R. *see* Tofani, S. 97191
Novotny, D.W. *see* Bhattacharya, S. 121700
Novotny, I. *see* Skriniarova, J. 114946
Novotny, M., Jan, J. Design of IIR filters by impulse response optimisation 83230
Novotny, M., Kompa, G. Unique and physically meaningful extraction of the bias-dependent series resistors of a 0.15 μm PHEMT demands extremely broadband and highly accurate measurements 95060
Novotny, M.A. *see* Sides, S.W. 84777
Novotny, R., Doring, W., Hejny, V., Kotulla, M., Krusche, B., Metag, V., Nold, M., Stroher, H., Wolf, M. A plastic-BaF$_2$ phoswich telescope for charged/neutral particle and photon detection 80047
Novotny, R., Doring, W., Hejny, V., Kotulla, M., Krusche, B., Metag, V., Nold, M., Stroher, H., Wolf, M. A plastic-BaF$_2$ phoswich telescope for charged/neutral particle and photon detection 100842
Novotny, R.A. *see* Buchholz, D.B. 85104
Novotny, R.A. *see* Lentine, A.L. 99018
Novotny, R.A. *see* Woodward, T.K. 78867
Novotny, V.J. Mechanical integration of high recording density drives 64413
Novozhilova, Yu.V. *see* Ginzburg, N.S. 83764
Nowack, A. *see* Bluethner, K. 95083
Nowack, W.J., Niccolai, M.J. The electronic medical record in clinical care 70299
Nowacka, E.B., v.d. Meijs, N.P. A hybrid element method for capacitance extraction in VLSI layout verification system 93058
Nowacka, E.B., van der Meijs, N.P., Dewilde, P. The hybrid element method for EMC problems in VLSI circuits 63860
Nowak, B., Jakubowski, A., Szostak, S., Gawrys, R., Lukasiak Interface trap characterization using charge-pumping method 106045
Nowak, E. *see* Chun Jiang 84577
Nowak, E. *see* Chun Jiang 95201
Nowak, E. *see* Fujishiro, F. 84431
Nowak, E. *see* Hook, T.B. 84574
Nowak, G. *see* Jastrzebski, L. 112347
Nowak, J. *see* Magiera, L. 116774
Nowak, J. *see* Moodera, J.S. 94635
Nowak, L., Demenko, A., Kowalski, K., Szelag, W. Calculation of electromagnetic device parameters on the basis of 3D magnetic field taking anisotropy into account 76343
Nowak, L., Kowalski, K. The 3D coupled field-circuit simulation of transients in nonlinear systems 65727
Nowak, L. *see* Szelag, W. 81428
Nowak, L.A., Kowalski, K.P. 3D coupled field-circuit simulation of electromagnetic transients taking the movement into account 102899
Nowak, M. *see* Dakir, A. 71779
Nowak, M. *see* Los, S. 95952
Nowak, R.D., Baraniuk, R.G. Optimally weighted highpass filters using multiscale analysis 77445
Nowak, S., Pfau, T., Mlynek, J. Nanolithography with metastable helium 115047
Nowak, W. Digital radio relays planning and employment operational problems 88116
Nowak, W. *see* Baumann, I. 109655
Nowak, W. *see* Boness, R. 64708
Nowakowski, R., Szwed, P., Zenczak, M. Occupational and environmental exposure in electromagnetic fields of power frequency 102154
Nowakowski, R.J. *see* Brown, J.I. 92489
Nowell, M.C. *see* Raddatz, L. 65329
Nowell, M.M. *see* Field, D.P. 94849
Nowick, S.M. Design of a low-latency asynchronous adder using speculative completion 113905
Nowick, S.M. *see* Kudva, P. 84588
Nowick, S.M. *see* Theobald, M. 83062
Nowicki, A. Controlling of dynamic economic systems 103352
Nowicki, A., Kycia, K., Hien, T.D., Gajl, O., Kleiber, M. Numerical calculations of the acoustic properties of the 1-3 composite transducers for medical applications 110800
Nowitzki, A. *see* Weber, J. 92783
Nowland, M.J., Hogan, S.J., Darkazalli, G. Cost analysis of an automated process for interconnecting crystalline silicon solar cells 112387
Noworolski, J.M. *see* Klaassen, E.H. 84625
Noworolski, M. *see* Logan, J. 64002
Nowotinick, M., Wittke, K., Kising, M., Bell, H., Woock, A. Temperature dependence of solder paste adhesion 114436
Nowrouzian, B. *see* Borsodi, T.P. 93506
Nowrouzian, B. *see* Borsodi, T.P. 93512
Nowrouzian, B. *see* Borsodi, T.P. 104633
Nowrouzian, B. *see* Rao, V.M. 93426
Noya, A. *see* Dobashii, T. 73829
Noya, A. *see* Ohta, A. 94827
Noya, A. *see* Takeyama, M. 63145
Noya, A. *see* Takeyama, M. 83984
Noya, A. *see* Takeyama, M. 94816
Noya, A. *see* Yamane, M. 93955
Noya, A. *see* Yanagisawa, H. 74630
Noyan, I.C. *see* Bonda, N.R. 73867
Noyes, D. *see* Noureddine, F. 103510
Noyes, J.M., Starr, A.F., Frankish, C.R. User involvement in the early stages of the development of an aircraft warning system 80555
Noyes, J.M. *see* Starr, A.F. 70325
Noyman, Y., Shmulevich, I. Ground surface sensing through plant foliage using an FM-CW radar 109749
Noyori, Y., Washio, H., Shimodaira, Y., Muraoka, T., Yamamoto, K., Ishii, Y. Subjective evaluation of quality of moving pictures on a TFT-liquid crystal display 89338
Nozaka, K. *see* Nakajima, A. 71822
Nozaki, A., Wakata, M., Yoshida, T., Uchikawa, F. NO$_x$ sensing characteristics of Bi$_{17}$Sr$_{16}$Cu$_7$O$_z$ 79588
Nozaki, C. *see* Ashizawa, Y. 63103
Nozaki, H. *see* Ichinose, H. 95988
Nozaki, H. *see* Ihara, H. 94236
Nozaki, H. *see* Ishizuka, Y. 92889
Nozaki, H. *see* Ishizuka, Y. 94424
Nozaki, H. *see* Yamaguchi, T. 92888
Nozaki, K., Watanabe, K., Namiki, T., Igarashi, M., Kuramitsu, Y., Yano, E. A new single-layer resist for 193-nm lithography 63502
Nozaki, M. *see* Homma, Y. 69779
Nozaki, M. *see* Suzuki, Y. 78204
Nozaki, S. *see* Shimasaki, M. 64908
Nozaki, S. *see* Wakaki, M. 92819
Nozaki, T. The KEK B-factory and the Belle detector 119982
Nozaki, T. *see* Horie, M. 115378
Nozaki, T. *see* Matsumoto, S. 73736
Nozaki, Y. *see* Tazume, K. 121654
Nozari, F. *see* Julian, A. 71421
Nozawa, M. *see* Yoshida, K. 95513
Nozawa, T. *see* Matsumoto, H. 67774
Nozawa, T. *see* Tachikawa, Y. 78881
Nozawa, T. *see* Takagi, A. 106817
Nozawa, Y., Shibuya, T. High quality broadcast television transmission based upon international standards 88014
Nozdrin, A.A. *see* Agnello, M. 110583
Nozdrina, A.A. *see* Kaikkonen, P. 80598
Nozoe, T. *see* Kawahara, I. 100231
Nozue, T., Hasegawa, A., Yasuoka, Y., Yamashita, T. Slot antenna coupled thin-film YBCO Josephson mixers 115910
Nozzoli, F. *see* Viterbini, M. 106968
Nozzoli, S. *see* Viterbini, M. 106968
Nquyen, C.Q. *see* Fatic, V.M. 81587
Ntafos, S. *see* Gudmundsson, G. 113650
Nti, N. *see* Bunker, E. 98811
Ntsoenzok, E., Desgardin, P., Barbot, J.F., Vernois, J., Isabelle, D.B. Shallow and deep donors induced by light ions in N-type silicon 105832
Ntsoenzok, E., Desgardin, P., Saillard, M., Vernois, J., Barbot, J.F. Evolution of shallow donors with proton fluence in n-type silicon 74097
Ntsoenzok, E. *see* Desgardin, P. 94708
Ntuen, C. *see* Strickland, D. 111056
Ntuen, C. *see* Watson, A.R. 111057
Nuban, M.F., Krawczyk, S.K., Buchheit, M., Blanchet, R.C., Nagy, S.C., Robinson, B.J., Thompson, D.A., Simmons, J.G. Analysis of the uniformity of the localized area epitaxy by spectrally resolved scanning photoluminescence 92777
Nubla, A., Montero, J.M., Bustamante, L., Crone, G., Hill, N. 8×8 Butler high power matrix at L-band 117104
Nubling, R.B. *see* Wang, K.C. 61970
Nucci, C.A., Guerrieri, S., Correia de Barros, M.T., Rachidi, F. Influence of corona on lightning-induced voltages on overhead power lines 111649
Nucci, C.A. *see* Borghetti, A. 90933
Nucci, C.A. *see* Borghetti, A. 102430
Nucci, C.A. *see* Borghetti, A. 111650
Nucci, C.A. *see* Rachidi, F. 102195
Nucci, C.A. *see* Rachidi, F. 121225
Nucciotti, A. *see* Alessandrello, A. 80100
Nuchter, P., Menzel, W. A novel frequency divider configuration for micro- and millimeter-wave signals 73685
Nuernberger, J. *see* Hommel, D. 75944
Nuernberger, J. *see* Kurtz, E. 74207
Nuernbergk, D. *see* Forster, H. 94940
Nuernbergk, D. *see* Schwierz, F. 115231
Nufio, F. *see* Sebastian, J. 121719
Nugen, S.M. *see* Siddiqui, K.J. 120784
Nugent, K.A., Gureyev, T.E., Cookson, D.F., Paganin, D., Barnea, Z. Quantitative phase imaging using hard X rays 120236
Nugent, K.W. *see* Gonon, P. 114563
Nugent, K.W. *see* Roberts, A. 95723
Nugent, K.W. *see* Weiser, P.S. 72828
Nugraha, Itoh, O., Suto, K., Nishizawa, J.I. Growth and electrical properties of PbTe epitaxial layers grown by temperature difference method under controlled vapor pressure liquid phase epitaxy 82655
Nugraha, Suto, K., Itoh, O., Nishizawa, J., Yokota, Y. Growth and electrical properties of PbTe bulk crystals grown by the Bridgman method under controlled tellurium or lead vapor pressure 113278
Nuhn, H.-D., Scharlemann, E.T., Schluter, R. Alignment and magnet error tolerances for the LCLS X-ray FEL 76057
Nuhn, H.-D. *see* Fawley, W.M. 76056
Nuhn, H.D. *see* Tatchyn, R. 96526
Nuijs, A.M. *see* van den Eeden, A.L.G. 89445
Nukii, T. *see* Atarasi, H.O. 83509
Nukui, A. *see* Suehara, S. 110139
Nuland, E.Van *see* Van Nuland, E.
Null, A. *see* Morris, R. 94049
Null, C., Nelson, R. Development of military TAB for LCD drivers 90875
Numajiri, K., Goya, T., Tobe, R., Okada, O., Hosokawa, N., Mu, C., Cox, N., Scott, C., Yu, J. High-rate deposition of high-quality Cu film with LPCVD 104155
Numamawa, J. *see* Miyashita, E. 75240
Numano, Y. *see* Nakanishi, K. 89435
Numata, H. *see* Tahara, S. 115915
Numata, K. *see* Aoki, K. 64172
Numata, K. *see* Maeda, T. 104439
Numata, S. *see* Sato, T. 102898
Numata, T. *see* Fuji, H. 116012
Numaziri, T. *see* Sanada, M. 105727
Numazu, H., Sakaguchi, A. Mass image processing system: Kyodo News 67415
Nun Kang Jie *see* Jie Nun Kang
Nunan, P., Cheung, K., Duane, M., Mitros, J., ter Beek, M. Scaling gate electrode thickness for 0.18 μm CMOS devices 63929
Nunes, E. *see* Zou, Y.F. 92677
Nunes, L.A.O. *see* Catunda, T. 106745
Nunes, M.D. *see* de Albuquerque, C.V.N. 87711
Nunes, M.S. *see* Castel-Branco, L. 104651

Nunes, M.S. *see* Sierens, C. 67950
Nunes, O.A.C. *see* Rodrigues, C. 105161
Nunes, R. *see* Conley, W. 105758
Nunes, R.B., Oliveira, C.E.T., Anido, M.L. A novel approach to perform circuit verification using spans 84515
Nunez, A. *see* Lopez, J.F. 93224
Nunez, G., Margulies-Eisner, T., Manheimer, P., Stinson, B.M. The impact of the "Americans with Disabilities Act" on engineering education 60453
Nunez, G. *see* Perez-Abadia, M. 109515
Nunez, I., Negreira, C., Ferrari, J. Amplitude measurements of acoustic fields by light reflection at the free surface of a liquid 111370
Nunez, P.L. *see* Wright, J.J. 101391
Nung-Pyo Hong, Yong-Woo Lee, Pil-Gyu Im, Don-Chan Cho, Jin-Woong Hong The effect of electron beam irradiation on insulating characteristics of molding compound for power semiconductor modules 103431
NungPyo Hong *see* YongWoo Lee 70918
Nunn, J. *see* Potzick, J. 115056
Nunn, J.W. Resolution enhancement technique in dark field microscopy as applied to measurements of silicon linewidths 79702
Nunnally, W.C. *see* Edwards, R.N. 102863
Nunnari, G. *see* Fortuna, L. 112871
Nuno, F. *see* Sebastian, J. 121645
Nuno Lau, J., Borges, A.R. Feature detection using electromagnetic tomography and neural networks 98187
Nunokawa, H. *see* Hiji, M. 77728
Nunomura, K. *see* Noborio, M. 89430
Nunomura, Y. *see* Korematsu, J. 73404
Nunomura, Y. *see* Shimizu, T. 73431
Nunoshita, M., Marumoto, K., Abe, H. SR X-ray lithography technologies for 1 Gbit-scale DRAM fabrication process 115111
Nunoshita, M. *see* Endoh, Y. 62757
Nunoshita, M. *see* Gotoda, M. 103934
Nunoshita, M. *see* Imaizumi, M. 74200
Nunoshita, M. *see* Imaizumi, M. 75964
Nunoshita, M. *see* Kuroda, K. 84896
Nunoshita, M. *see* Takami, T. 83530
Nunoshita, M. *see* Takami, T. 84905
Nunoshita, M. *see* Ueno, M. 69302
Nunoue, S. *see* Suzuki, N. 85189
Nunoue, S. *see* Suzuki, N. 85217
Nunoya, K. *see* Matsui, K. 102175
Nunoya, K. *see* Shimamoto, S. 95590
Nunoya, Y. *see* Ando, T. 95522
Nunoya, Y. *see* Koizumi, N. 95512
Nunzi, J.-M. *see* Chalupczak, W. 65530
Nunzi, J.-M. *see* Fiorini, C. 85738
Nunzi, J.-M. *see* Gautier, E. 96028
Nunzi, J.M., Pfeffer, N., Naudin, C., Delysse, S., Molva, E., Marty, J., Aubert, J.J. Study of polymers for saturable absorption: application to monolithic Q-switched microlasers 85629
NuoFu Chen, Yutian Wang, Hongila He, Lanying Lin Excess arsenic in GaAs grown at low temperatures by molecular beam epitaxy 113374
Nuovo, M.M. Starring and GIMS: a new all-optical local area networks for simple routing processors 118507
Nuovo, M.M. *see* Castagnolo, B.A. 87491
Nur, O. *see* Ouacha, H. 114816
Nur, O. *see* Radamson, H.H. 114696
Nurgaliev, R.R. *see* Dinh, T.N. 71098
Nurgaliev, T., Chakalov, R.A., Donchev, T., Ivanov, Z., Spasov, A. Microwave properties of YBCO thin films on YSZ substrates in the coupled grain model approach 106655
Nurge, H. *see* Rupp, R.A. 116776
Nurgozhin, N.N. *see* Aksinenko, V.D. 69851
Nurgozhin, N.N. *see* Aksinenko, V.D. 69852
Nurkic, I. Difficulties in achieving security in mobile communications 118911
Nurligareev, D.Kh. *see* Lyndin, N.M. 75535
Nurmatov, A.A. *see* Bunkin, A.F. 98092
Nurmeev, N.N. *see* Bukharaev, R.G. 67185
Nurmela, K.J., Ostergard, P.R.J. Tabu search in coding theory 66420
Nurmi, M.A., Bejcek, W.E., Gregoire, R., Liu, K.C., Pohl, M.D. Automatic management of CPU and I/O bottlenecks in distributed applications on ATM networks 109101
Nurmi, T. *see* Tappura, K. 75978
Nurmia, M. *see* Koivisto, H. 110540
Nurmikko, A.V., Jeon, H., Gunshor, R.L., Han, J. II-VI lasers–new directions 75955
Nurmikko, A.V. *see* Chu, C.C. 96240
Nurmikko, A.V. *see* Gunshor, R.L. 75745
Nurmikko, A.V. *see* Gunshor, R.L. 75942
Nurmikko, A.V. *see* Gunshor, R.L. 106763
Nurmikko, A.V. *see* Jung Han 107239
Nurmikko, A.V. *see* Kozlov, V. 63061
Nurmikko, A.V. *see* Song, Y.-K. 107002
Nurmukhamedov, L.Kh. *see* Dmitriyev, A.L. 88502
Nurnberg, R. *see* Kunz, R.E. 84282
Nurnberger, J. *see* Hoffmann, A. 62803
Nurnberger, M. *see* Chatterjee, A. 107867
Nurnberger, M.W. *see* Ozdemir, T. 85993
Nurushev, S.B., Krivoseev, O.E., Pivovarov, Yu.L., Potylitsin, A.P. Extraction and transformation of proton beam at RHIC using bent crystals 119992
Nurushev, T.S. *see* Caussyn, D.D. 119984
Nurushev, T.S. *see* Luppov, V.G. 120085
Nurushev, T.S. *see* Phelps, R.A. 119990
Nusca, M. *see* Katulka, G. 116835
Nusinovich, G. *see* Levush, B. 62636
Nusinovich, G.S. Cyclotron resonance masers with trochoidal electron beams 65007
Nusinovich, G.S., Dumbrajs, O. Theory of gyro-backward wave oscillators with tapered magnetic field and waveguide cross section 105061
Nusinovich, G.S., Levush, B., Dumbrajs, O. Optimization of multistage harmonic gyrodevices 105053
Nusinovich, G.S., Milikh, G.M., Levush, B. Removal of halocarbons from air with high-power microwaves 120880
Nusinovich, G.S. *see* Granatstein, V.L. 100479
Nusinovich, G.S. *see* Guo, H.Z. 62584
Nusinovich, G.S. *see* Lawson, W. 107028
Nusinovich, G.S. *see* Levush, B. 105079
Nusinovich, G.S. *see* Read, M.E. 105038
Nusinovich, G.S. *see* Saraph, G.P. 62583
Nusinovich, G.S. *see* Saraph, G.P. 105043
Nuss, M.C. Information processing with short optical pulses 85786
Nuss, M.C., Knox, W.H., Koren, U. Scalable 32 channel chirped-pulse WDM source 88590
Nuss, M.C. *see* Ozaktas, H.M. 108696
Nussbaum, F., Stevens, G.T., Kelly, J.G. Sensors for a forward-looking high resolution AUV sonar 90898
Nussbaum, G.H., Sidi, J., Dipalma, M., Adam, R., Ghnassia, M.D., Navarro, P., Hand, J.W., Nagi, M., Rotarsky, M., Plaza, N.P., Ionescu-Goga, M., Morel, P., Alhomme, P., Vannetzel, J.M., Bismuth, H., Jasmin, C. Production and manipulation of elevated temperatures in pig abdomen with a three-electrode capacitive heating device 69995
Nussbaum, G.H. *see* Meigooni, A.S. 80456
Nussbaum, M. *see* Abe, K. 69708
Nussbaum, M. *see* Abe, K. 69726
Nussbaumer, I. *see* Grabowski, J. 118736
Nussbaumer, J.-P., Schaffa, F. Impact of channel allocation policies on quality of service of video on demand over CATV 88845
Nusseibeh, F., Bansal, R. Transient response of a wide-angle cone with dielectric loading 117027
Nussinov, R. *see* Sandak, B. 98254
Nusslin, F. *see* Bischof, M. 90579
Nuteson, T.W., Monahan, G.P., Steer, M.B., Naishadham, K., Mink, J.W., Kojucharow, K.K., Harvey, J. Full-wave analysis of quasi-optical structures 65934
Nuteson, T.W., Steer, M.B., Naishadham, K., Mink, J.W., Harvey, J. Electromagnetic modeling of finite grid structures in quasi-optical systems 93703
Nuteson, T.W. *see* Hwang, H. 83521
Nuteson, T.W. *see* Hwang, H.-S. 83342
Nutkins, G. *see* Wilson, B. 68433
Nutsch, A. *see* Torabi, B. 107282
Nutsch, G. *see* Presia, M. 61424
Nutt, R. *see* Rogers, J.G. 101314
Nutt, W. *see* Baader, F. 82363
Nutta, J. *see* Feyten, C. 92052
Nutter, P.W. *see* Wright, C.D. 85148
Nutzel, J.F., Abstreiter, G. Segregation and diffusion on semiconductor surfaces 72799
Nutzel, J.F., Holzmann, M., Schittenhelm, P., Abstreiter, G. Segregation of n-dopants on SiGe surfaces 113330
Nutzel, J.F. *see* Fromherz, T. 74431
Nutzel, J.F. *see* Fromherz, T. 116209
Nutzel, J.F. *see* Holzmann, M. 63792
Nutzel, J.F. *see* Stimmer, J. 75743
Nuutinen, J.-P. *see* Forsman, K. 65676
Nuwer, M.R. *see* Staudt, L.A. 90560
Nuyts, J., Maes, A., Vrolix, M., Schiepers, C., Schelbert, H., Kuhle, W., Bormans, G., Poppe, G., Buxton, D., Suetens, P., De Geest, H., Mortelmans, L. Three-dimensional correction for spillover and recovery of myocardial PET images 90313
Nuyts, J. *see* Verdonck, B. 80314
Nuyts, R. *see* Feggeler, J.C. 88591
Nuyts, R. *see* Willems, F.W. 88589
Nuyts, R.J., Park, Y.K., Gallion, P. Performance improvement of 10 Gb/s standard fiber transmission systems by using the SPM effect in the dispersion compensating fiber 109666
Nuzhin, V.K. *see* Dikiy, V.N. 68827
Nuzzo, D.Di *see* Di Nuzzo, D.
Nuzzo, R.G. *see* Jeon, N.L. 74509
Nwankpa, C.O. *see* Schwartzenberg, J.W. 75729
Ny, R.Le *see* Le Ny, R.
Nyakwende, E., Paull, C.J., Atherton, J.G. Plant growth assessment using edge-moment-based image analysis techniques 117617
Nyang DaeHun *see* DaeHun Nyang
Nyarko, D.J., Stromsmoe, K.A. A new approach to the estimation of harmonics of digitized periodic waveforms 81551
Nyberg, C. *see* Wohlin, C. 98828
Nyberg, H. *see* Hasselgren, J. 88022
Nyberg, J. *see* Ringbom, A. 69874
Nyberg, J. *see* Ringbom, A. 80134
Nyberg, K. Fast accumulated hashing 66506
Nyberg, S. *see* Karlsson, D. 91120
Nye, H. *see* Datta, M. 60636
Nye, R.S. *see* Talisa, S.H. 93774
Nyerick, C.E. *see* Davis, M.G. 80441
Nyffeler, F. *see* Plessky, V.P. 106413
Nygards, J. *see* Nilsson, B. 86233
Nygate, Y.A., Starner, J.L. Integrating meta-languages and PROLOG in advanced network management applications 98566
Nygren, D. *see* Beuville, E. 80191
Nygren, D. *see* Beuville, E. 101239
Nygren, D. *see* Beuville, E. 101309
Nygren, D. *see* Millaud, J. 90215
Nygren, D. *see* Millaud, J. 100945
Nygren, K., Jonsson, I.-M., Carlvik, O. An agent system for media on demand services 87970
Nyilas, A., Rehme, R., Wyrwich, C., Springer, H., Hinrichsen, G. Thermal diffusivity and conductivity of highly filled epoxies as cover materials for microelectronical devices as measured by the heat pulse technique 103426
Nykolak, G. *see* de Barros, M.R.X. 65095
Nykolak, G. *see* Shmulovich, J. 85437
Nykolak, G. *see* Tanbun-Ek, T. 78822
Nykolak, G. *see* Wysocki, P.F. 65111
Nyland, L. *see* Capps, M. 112813
Nyland, S., Reinertsen, T., Gunnestad, J., Botnan, G.O. Integrated control centre: trading system for operation in a deregulated power market 101856
Nylandsted, L.A. *see* Priolo, F. 94710
Nylandsted Larsen, A. *see* Fyhn, M.F. 82632
Nylandsted Larsen, A. *see* Nikolajsen, F. 105575
Nylen, P. *see* Street, R.A. 100144
Nyman, B.M. *see* Evangelides, S.G., Jr. 109667
Nyman, B.M. *see* Feggeler, J.C. 78683
Nyman, B.M. *see* Khatri, F.I. 88505
Nyman, M. *see* Barry, W. 100607
Nyman, M. *see* Becker, R. 110615
Nyman, M.D. *see* King, P.E. 103162
Nymark, G. *see* Rye, K. 108960
Nymmik, R.A. *see* Adams, J.H., Jr. 120616
Nymmik, R.A. *see* Kuznetsov, N.V. 120617
Nyong, D. Complexity classification for performance characterization of system functions within ATM sub-networks 77575
Nyquist, D. *see* Norman, A. 88669
Nyquist, D.P. *see* Chen, K.M. 99656
Nyquist, J.S. *see* Grimes, G.J. 116290
Nys, O., Henderson, R., Dijkstra, E. Low power high resolution data converters 93508
Nys, O.J.A.P., Henderson, R.K. An analysis of dynamic element matching techniques in sigma-delta modulation 104643
Nys, O.J.A.P. *see* Henderson, R.K. 104645
Nyssen, E. *see* Xin Yang 98003
Nystrom, J.A. "Negotiating 'Expertise'": biotechnology and agricultural development in Zimbabwe 92110
Nysveen, A., Nilssen, R. Time domain simulation of magnetic systems with a general moving geometry 107725
Nyu, T., Momona, M., Yamazaki, S., Dutta, A.K., Suzuki, A. Fast Ethernet system with high-speed plastic optical fiber data links 78857
Nyu, T. *see* Hayashi, M. 64942
Nyun Kim Doug *see* Doug Nyun Kim
Nyung Kun Kim, Min Gi Kwak, Youn Soo Park, Kyung Dong Jang, Sang Yoon Lee, Sang Ho Sohn, Myung Hwan Oh, Taek Sang Han, Yun Hi Lee The electro-optical properties of $ZnS:TmF_3$ thin film electroluminescent devices with photoconducting layers 85288
Nyunt, K. *see* Shivanandan, K. 106117
Nywening, R. *see* Fryer, P.M. 89321
Nyyssonen, D. Collection of low energy secondary electrons and imaging in a low voltage SEM 115317

O, B. *see* Chung, H. 113740
O, J.S. *see* Hsu, C.F. 96251
O, J.S. *see* Zory, P.S. 64916
O, K. *see* Ho, Y.-C. 73806
O, K. *see* Tsai, C. 63624
O, K.K. *see* Splain, C.G. 104435
O Beom-Hoan *see* Beom-Hoan O
O. Lee Kyung *see* Kyung O. Lee
O-Kyun Kwon *see* Young-Wan Choi 85208
Oak, S.M., Navathe, C.P. A video synchronization unit for capture of pulsed laser parameters 69011
Oakes, T.R. *see* Sossi, V. 101121
Oakham, F.G. *see* Dixit, M.S. 101308
Oakley, B., II A virtual classroom approach to teaching circuit analysis 113630
Oakley, J.P., Satherley, B.L., Harrison, C.G., Xydeas, C.S. Enhancement of image sequences from a forward-looking airborne camera 67000
Oakley, J.P., Shann, R.T. Curvature sensitive filter and its application in microfossil image characterisation 77205
Oaknin, J.H. *see* Martin-Moreno, L. 62953
Oami, R., Aizawa, K., Hatori, M. Simultaneous motion estimation and segmentation based on pixel-wise matching information 67196
Oami, R., Sato, M., Aizawa, K., Hatori, M. Affine motion parameter estimation taking into account motion field discontinuity 97891
Oami, R. *see* Ohta, M. 117834

Oarga, Gh., Cepisca, C., Grigorescu, S.-D. The automatic testing of the electro-thermal characteristics of high voltage fuses 81592
Oashi, T. *see* Yamaguchi, Y. 93358
Oates, A.S. Electromigration failure of contacts and vias in sub-micron integrated circuit metallizations 94823
Oates, A.S. Electromigration failure distribution of contacts and vias as a function of stress conditions in submicron IC metallizations 94840
Oates, A.S. *see* Alers, G.B. 74614
Oates, C.D.M. *see* Swift, F.J. 102838
Oates, D.E. *see* Dionne, G.F. 93698
Oates, T. *see* Taylor, A. 72238
Oatts, M.L. *see* Rutz, W.L. 70730
Oba, E. *see* Ihara, H. 94236
Oba, N., Yoshinobu, T., Iwasaki, H. Redox potential imaging sensor 69243
Oba, N. *see* Takahashi, M. 93374
Oba, N. *see* Yoshinobu, T. 79539
Obaidat, M.S., Khalid, O. Performance evaluation of neural network paradigms for the characterization of ultrasonic transducers 120927
Obaidat, M.S. *see* Jun Teng 108765
Obaidat, M.S. *see* Teng, J. 117991
Obaldia, E.de *see* de Obaldia, E.
Obana, M., Nakamura, T., Sato, N. Trends of power automation systems 101945
Obana, M. *see* Furukawa, S. 106462
Obana, M. *see* Nomura, T. 106464
Obana, S., Kurosawa, K. Veto is impossible in secret sharing schemes 97458
Obana, S. *see* Nishiyama, S. 87593
Obana, T. *see* Sasaki, T. 76260
Obara, A. *see* Yamada, A. 64914
Obara, A. *see* Yamada, A. 82604
Obara, H., Kawai, T. Virtually crosstalk-free wavelength routing network architecture 77770
Obara, H. *see* Koga, M. 78895
Obara, M. *see* Midorikawa, K. 116637
Obara, M. *see* Nagata, Y. 65022
Obara, M. *see* Shiratori, A. 69096
Obara, M. *see* Shiratori, A. 103480
Obara, M. *see* Shiratori, A. 107294
Obara, M. *see* Shiratori, A. 116782
Obara, M. *see* Sumiyoshi, T. 63189
Obara, M. *see* Tomita, H. 61184
Obara, N. *see* Hase, Y. 108080
Obara, N. *see* Takeuchi, M. 68258
Obara, T., Sekimoto, H. Design concept of fast spectrum pulse reactor with packed core of coated dilute fuel particles 111739
Obara, T. *see* Fujita, M. 103137
Obara, T. *see* Kakkad, R. 105984
Obara, Y. *see* Hyodo, H. 69941
O'Barr, R., Lederman, M., Schultz, S. A scanning microscope using a magnetoresistive head as the sensing element 79313
Obarski, G.E., Larson, D.R., Phelan, R.J. Multi-gigahertz relative intensity noise of an InGaAsP laser at cryogenic temperature 107233
Obasih, K. *see* Bu-Xin Xu 95543
Obata, A. *see* Miura, M. 64205
Obata, A. *see* Nakamura, Y. 119559
Obata, H. *see* Nishibori, K. 91580
Obata, K. *see* Mori, T. 85316
Obata, K. *see* Yang Xuhua 108522
Obata, T. *see* Iwasaki, Y. 118457
Obata, T. *see* Kagotani, H. 61523
Obayashi, M. *see* Koga, M. 103705
Obayashi, T. *see* Nitta, Y. 71717
Obchinnikov, I.E., Evseev, R.E. Disk-type thyratron motors for robot engineering and machine-tool design 121828
Obelleiro, F., Rodriguez, J.L., Burkholder, R.J., Pino, A.G. Iterative physical optics algorithms for computing the EM scattering of open ended cavities 116964
Obelleiro, F., Rodriguez, J.L., Pino, A.G. Hybrid GMT-MoM method for solving electromagnetic scattering problems 97076
Obelleiro, F. *see* Rodriguez, J.L. 76377
Obenaus, B. *see* Duftschmid, K.E. 120572
Ober, C.K. *see* Gabor, A.H. 105792
Ober, C.K. *see* Gallagher-Wetmore, P. 115065
Ober, M.H. *see* Hofer, M. 65102
Oberacker, T.A., Schlotterbeck, G., Bilger, G., Braunger, D., Schock, H.-W. Field quenching effects in polycrystalline SrS:Pb and SrS:Ce,Pb thin films for electroluminescence devices 116243
Oberacker, T.A., Schock, H.W. Investigations of the influence of halides on the properties of CeX_3-doped (X=Cl, F) strontium sulphide thin film electroluminescence devices 75738
Oberg, A., Nilsson, S. Shape memory alloys for power connector applications 62440
Oberg, A. *see* Mekuria, F. 101052
Oberg, D.L. *see* Normand, E. 70338
Oberg, J., Isoaho, J., Ellervee, P., Jantsch, A., Hemani, A. A rule-based approach for improving allocation of filter structures in HLS 93601
Oberg, J. *see* Svantesson, B. 98407
Oberg, P.A. *see* Cai, H. 120359
Obergfell, K., Book, W.J. End-point position measurements of long-reach flexible manipulators 110375
Oberhardt, M.R. *see* Burke, W.J. 111023
Oberhuber, R. *see* Boegner, M. 110625
Oberkampf, D., DeMenthon, D.F., Davis, L.S. Iterative pose estimation using coplanar feature points 67412
Oberlack, H. *see* Braunschweig, W. 120173
Oberli, D. *see* Sa'ar, A. 62841
Oberli, D.Y. *see* Haacke, S. 62989
Oberli, L. *see* Ahlback, J. 90044
Oberli, L. *see* Walckiers, L. 90042
Oberli, M.T.P., Frey, W., Ludwig, C., Woerner, M., Elsaesser, T., Kaiser, W. Time resolved dynamics of holes in p-type germanium photoexcited by femtosecond infrared pulses 105098
Obermaier, M. *see* Englmeier, K.-H. 120309
Obermaier, S.J., D'Addario, L.R. A TMS320C40-based radar video generator for training and simulation 101648
Obermaier, W. Design of power supplies for integrated circuits 93111
Oberman, D.B. *see* Lee, H. 74570
Obermark, J. *see* He, Z. 80156
Obermark, J. *see* He, Z. 101033
Obermeier, E. Anodic wafer bonding 63999
Obermeier, E. Material property data–a key issue for the design of microsystems 106273
Obermeier, E. *see* Jansen, E. 89540
Obermeier, E. *see* Krause, P. 84647
Obermeier, E. *see* Lossy, R. 105593
Obermeier, E. *see* Reichert, W. 105216
Obermeier, G., Hage, J., Hilger, N., Huber, D. Oxygen precipitation and denuded zone characterisation with ELYMAT technique 84509
Obermeier, W., Zoth, P. Modern controller for "smart" battery systems 104339
Obermyer, R.T. *see* Konno, K. 75140
Obernosterer, F., Oehme, W.F. Pulse noise in thin film disk recording systems 106611
Oberschmidt, G., Jacob, A.F. On the resonant behaviour of chiral materials 65946
Oberti, M. *see* Lovati, V. 121967
Obessis, M., Lamont, J. Modeling the regulated firm: facts and myths about the Averch-Johnson thesis [electric utilities] 101876
Obieta, G. *see* Mayora, K. 119866
Obikhvostov, V.D. *see* Titov, A.A. 93156
Obina, T., Shintake, T., Chin, Y.H., Akasaka, N. Damped button electrode for B-factory BPM system 100585
Obina, T. *see* Kikutani, E. 100622
Obinata, G. *see* Yukawa, T. 80494
Obinata, S. *see* Fujihira, T. 106128
Obinata, T. *see* Uesugi, K. 103833
Obiozor, C.N., Sadiku, M.N. Consideration of power in a lossless transmission line 107962
Obodnikov, V.I. *see* Gerasimenko, N.N. 83848
Oboe, R. High-speed optical serial link for WEDSP 32C-based real-time control system 93432
Obolensky, M. *see* Abbes, M. 90145
Oboskalov, V.P. The probabilistic model of contracted power flow between power systems 70694
Obot, V. *see* Weinstein, R. 115967
Obraczka, K., Danzig, P., DeLucia, D., Erh-Yuan Tsai A tool for massively replicating Internet archives: design, implementation, and experience 87708
Obradors, X. *see* Balcells, L. 110111
Obradovic, D., Deco, G. An information theory based learning paradigm for linear feature extraction 98086
Obradovic, M. *see* Milutinovic, N. 73136
Obradovic-Sikimic, M. *see* Ljikar, M. 99014
Obraztsov, V. *see* Alvsvaag, S.J. 90124
Obrebski, G. *see* Walczak, J. 93063
Obregon, J. *see* Mallet, A. 83402
Obreja, V.V.N. On the radiation induced catastrophic failure of power semiconductor devices 94877
Obremski, T. *see* Giacalone, G. 73368
O'Brien, D., Bleyer, A., Bradley, D.D.C., Meng Sun Electroluminescence applications of a poly(phenyl quinoxaline) 75698
O'Brien, D., Weaver, M.S., Lidzey, D.G., Bradley, D.D.C. Use of poly(phenyl quinoxaline) as an electron transport material in polymer light-emitting diodes 96026
O'Brien, D. *see* Berseth, W. 85202
O'Brien, D. *see* Bradley, D.D.C. 106944
O'Brien, D. *see* Morozov, V.N. 116282
O'Brien, D. *see* Neff, J. 99033
O'Brien, D. *see* Weaver, M.S. 85257
O'Brien, E. *see* Chikanian, A. 69869
O'Brien, J.J. *see* Beaudoin, P.T. 101559
O'Brien, K., Harris, D. Head/disk interface contact detection using a refined acoustic emission technique 115837
O'Brien, K., Robert, A., Maginot, S. Towards maximising the use of structural VHDL for synthesis 113832
O'Brien, K. *see* Ismail, T.B. 77761
O'Brien, N.F., Dominic, V., Caracci, S. Electro-refraction and electro-absorption in poled polymer Fabry-Perot etalons 75384
O'Brien, P. *see* Hayden, M. 111584
O'Brien, R. *see* Krishnamoorthy, S. 119423
O'Brien, S. *see* Lang, R.J. 75995
O'Brien, S. *see* Somashekhar, A. 114967
O'Brien, S. *see* Verdiell, J.-M. 109610
O'Brien, T. Hewlett-Packard's cross-platform strategy leverages objects 109086
O'Brien, T.P. Computerizing substation control systems 121804
O'Brien, T.P. *see* Dowling, D.P. 84963
O'Brien, W.L., Tonner, B.P. Anomalous perpendicular magnetism in Ni/Cu(001) films and the effects of capping layers 75084
O'Brien, W.L., Tonner, B.P. New magnetic phases of Fe on fcc Co(001) and Ni(001) 75085
Obro, M. *see* Kjeldsen, P.M. 119140
Obrosov, V.P., Vishnykov, D.P., Zheltonozhko, O.V. The baroelectric cell–a new type of power source 112176
Obuchi, Y. *see* Nakashima, K. 108690
Obuchowska, W.T., Caron, R.J. Improving the rate of convergence of the logarithmic barrier function method 72553
Obuchowski, N.A. *see* Pohlman, S. 110728
Obudovskij, V. *see* Braunschweig, W. 120173
Obukhov, I.A. *see* Gavrilov, O.T. 74675
Obukhov, S.A., Trofimov, V.N. New low-temperature thermistors InSb:Mn for nuclear cryogenic detectors 93944
Obuskevic, V. *see* Broum, M. 88775
Obyden, S.K. *see* Mokhov, E.N. 104046
Obyden, S.K. *see* Saparin, G.V. 86615
Ocakoglu, G. *see* Vanderstraeten, H. 108950
Ocali, O. *see* Altintas, A. 88799
O'Callaghan, J.M., Alegret, A., Pradell, L., Corbella, I. Ill conditioning loci in noise parameter determination 104809
O'Callaghan, P. *see* Cicognani, J.W. 60659
Ocariz, A., Sanchez-Lavega, A., Salazar, A., Fournier, D., Boccara, A.C. Photothermal characterization of vertical and slanted thermal barriers: a quantitative comparison of mirage, thermoreflectance, and infrared radiometry 104243
Ochensthaler, M. *see* Leeb, G. 108911
Ochi, A., Nishi, Y., Tanimori, T. Study of a large area avalanche photodiode as a fast photon and a soft X-ray detector 110600
Ochi, A. *see* Li, S. 87070
Ochi, H. High quality multilevel error diffusion method 67441
Ochi, H., Yamamoto, E., Chen, Q., Sawaya, K. Moment method analysis of antennas composed of conducting wires and plates 117003
Ochi, H. *see* Kinjo, S. 97701
Ochi, H. *see* Matsushita, H. 71953
Ochi, K. *see* Yoshida, K. 107460
Ochiai, B.Y., Manako, S., Samukawa, S., Takeuchi, K., Yamamoto, T. Nano-electron-beam lithography system and its application for 40-nm gate MOSFETs 84365
Ochiai, J.-I. *see* Nishio, H. 81298
Ochiai, K., Suzuki, H., Suzuki, S., Sonehara, N., Tokunaga, Y. Snowfall and rainfall forecasting from the images of weather radar with artificial neural networks 111223
Ochiai, K. *see* Oku, S. 63315
Ochiai, K. *see* Shinohara, Y. 73486
Ochiai, M. *see* Yamazaki, Y. 112021
Ochiai, M. *see* Yamazaki, Y. 113659
Ochiai, T. *see* Niinomi, T. 105771
Ochiai, Y., Yamamoto, K., Ohkubo, Y., Ishibashi, K., Bird, J.P., Aoyagi, Y., Sugano, T., Ferry, D.K. Clear experimental evidence for boundary and impurity scattering related crossover field scales in GaAs/AlGaAs split-gate wires 62840
Ochiai, Y. *see* Bird, J.P. 62928
Ochiai, Y. *see* Bird, J.P. 114782
Ochiai, Y. *see* Matsui, S. 114849
Ochiai, Y. *see* Okabe, A. 115712
Ochieng, W.Y. *see* Ashkenazi, V. 79078
Ochieng, W.Y. *see* Ashkenazi, V. 79079
Ochieng, W.Y. *see* Batchelor, A. 88776
Ochilov, S.M. *see* Gulamova, M.A. 81874
Ochkin, V.N. *see* Kuznetsov, A.A. 75784
Ochkin, V.N. *see* Mitko, S.V. 107108
Ochkin, V.N. *see* Udalov, Y.B. 107103
Ochkin, V.N. *see* Whitteman, W.J. *(editor)* 103306
Ochoa, E., Gesick, W.R., Norvell, S.L., Parker, J.L., Jr. Assembly of OSP coated PC Cards using a tailored process and solder paste 94093
Ochoa, J. *see* Fann, T.Y. 65169
Ochoa, N.A., Servin, M., Rodriguez-Vera, R., Santoyo, F.M. PLL interferometry on non-continuous domains 110402
Ochs, E., Lachenmann, S.G., Doderer, T., Huebener, R.P., Pannetier, B. Spatially resolved observation of the resistive transition in superconducting wire networks 95496
Ociepka, J. *see* Krzywaznia, A. 99849
Ockenfuss, G. *see* Vaupel, M. 95487
Ockenfuss, G. *see* Vaupel, R. 75352
O'Connell, B., Kelleher, A., Lane, W., Adams, L. Stacked RADFETs for increased radiation sensitivity 80021
O'Connell, B., Kelleher, A., Lane, W., Adams, L. Stacked RADFETs for increased radiation sensitivity 110606
O'Connell, C. *see* Gillingham, P. 73395
O'Connell, J.W. *see* Knollmann, F.D. 80350
O'Connell, N. *see* Crosby, S. 78023
O'Connell, P.A. *see* Mauthe, G. 64161
O'Connell, R.F. *see* Young Bong Kang 95085
O'Connor, D.J. *see* Jian-Gang Zhu 115711
O'Connor, E. *see* Hayden, M. 111584
O'Connor, G. *see* Daly, E. 114747
O'Connor, J.A. Converter optimization for powering low voltage, high performance microprocessors 61620

O'Connor, J.T. Present value analysis applied to EDA software alternatives 72217
O'Connor, L. *see* Milosevic, Z. 118496
O'Connor, M. *see* Wen-Yao Shi 70215
O'Connor, P. *see* Gilbert, D. 87820
O'Connor, T. *see* Heim, J. 79957
O'Connor, T. *see* Heim, J. 100442
O'Connor, T.G. *see* Fabbricatore, P. 90191
Oczkowski, H.L. *see* Firszt, F. 74185
Oda, A. *see* Guang Yuan Zhao 61258
Oda, H., Ueno, S., Ajika, N., Inuishi, M., Miyoshi, H. New buried channel flash memory cell with symmetrical source/drain structure 83122
Oda, J. *see* Yajima, H. 81485
Oda, K., Kiyota, Y. H_2 cleaning of silicon wafers before low-temperature epitaxial growth by ultrahigh vacuum/chemical vapor deposition 94773
Oda, K. *see* Kanade, T. 86382
Oda, K. *see* Shiba, T. 84740
Oda, K. *see* Shiba, T. 109329
Oda, K. *see* Takahashi, H. 78894
Oda, K. *see* Tanimoto, H. 73547
Oda, K. *see* Toba, H. 78723
Oda, M. *see* Ikeda, Y. 104237
Oda, M. *see* Nakajima, T. 104238
Oda, M. *see* Santoso, B. 108567
Oda, M. *see* Tamaki, M. 104240
Oda, N., Ohkawa, K., Sasase, I. Time spread differential QPSK with differential detection in Rayleigh fading channels 99394
Oda, N. *see* Kawahara, A. 69275
Oda, N. *see* Yoneoka, M. 109572
Oda, O. *see* Asahi, T. 92667
Oda, O. *see* Uchida, M. 92678
Oda, S. *see* Ara, T. 71271
Oda, S. *see* Ara, T. 91501
Oda, S. *see* Otobe, M. 92874
Oda, T., Imaizumi, M. Advanced mobile information system and demonstration of experimental use 99503
Oda, T., Takeuchi, K., Niikura, S. Travel time measurement using infrared vehicle detectors 100029
Oda, T., Yamashita, R., Tanaka, K., Takahashi, T., Masuda, S. Analysis of low-temperature surface discharge plasma products from gaseous organic compounds 112638
Oda, T. *see* Fukuda, H. 98924
Oda, T. *see* Kobayashi, M. 83771
Oda, T. *see* Nakamura, H. 77831
Oda, T. *see* Nakamura, H. 87301
Oda, T. *see* Ota, H. 74949
Oda, T. *see* Ota, H. 112022
Oda, Y., Oyama, T. Fast calculation using parallel processing and pipeline processing in power system analysis 101699
Oda, Y. *see* Ishimura, H. 83372
Oda, Y. *see* Onozuka, M. 97005
Oda, Y. *see* Watanabe, S. 73748
Oda, Y. *see* Watanabe, S. 74767
Oda, Y. *see* Watanabe, S. 93807
Odagawa, A., Enomoto, Y. Characteristics of bicrystal-type Josephson junctions of $YBa_2(Cu_{1-x}Ni_x)_3O_{7-\delta}$ films 64552
Odagawa, H., Meguro, T., Yamanouchi, K. 5 GHz range low-loss wide band surface acoustic wave filters using electrode thickness difference type unidirectional transducers 84741
Odagawa, H. *see* Meguro, T. 104666
Odagawa, H. *see* Takeuchi, M. 111355
Odagawa, H. *see* Yamanouchi, K. 84748
Odagawa, T. *see* Rokugawa, H. 88569
Odagiri, H., Takahashi, N., Shidei, T., Takeshita, K., Kumagai, Y. A new CAM macro for 622 Mbps ATM cell processing 104560
Odagiri, J. *see* Higo, T. 79852
Odagiri, T. *see* Noguchi, M. 114734
Odahara, F. *see* Kato, K. 71131
Odaira, H. *see* Wada, Y. 92260
Odajima, K. *see* Mondino, P.-L. 64567
Odajima, W. *see* Kaminskii, A.A. 76154
Odajima, W. *see* Nishioka, H. 116640
Odaka, H. *see* Taga, N. 94374
Odaka, K. *see* Shinohara, K. 121183
Odaka, T. *see* Mengchun Xie 60908
Odanaka, S. *see* Ohzone, T. 115358
Odanaka, S. *see* Umimoto, H. 74813
O'Dare, M.J., Arslan, T. Transitional gate delay detection for combinational circuits using a genetic algorithm 104457
Odawara, A. *see* Morooka, T. 69081
Odawara, O. *see* Itoh, K. 95737
Odawara, Y. *see* Nishigaki, T. 115450
O'Day, S., Anderson, K. Electromagnetic, thermal and structural analysis of the Fermilab antiproton source lithium collection lens 100789
Odcikin, Z. *see* Beksac, M.S. 120358
Odegard, J.E., Burrus, C.S. New class of wavelets for signal approximation 117524
Odegard, R., Johnsen, E., Karoliussen, H. Methane reforming on Ni/zirconia SOFC anodes 81866
O'Dell, S. Prospects for power generation to 2010: the impact of growth on CO_2 emissions and the role of nuclear energy 71067
Oden, P.I. *see* Welipitiya, D. 92873
Oden, S.F. *see* Beal, R.C. 120849
Odendaal, J.W. Reducing the contribution from support structures for radar cross-section measurements with the use of microwave imaging techniques 68651
Oder, T.M., Pitt Ford, T.R., McDonald, F. Effect of probe design and bandwidth on laser Doppler readings from vital and root-filled teeth 90400
Odesanya, O.S., Mohr, G.A. Reverse engineering from 3D X-ray CT imaging 92146
Odintsov, A.A. *see* Harada, Y. 115927
Odintsov, A.G. *see* Koroleva, L.I. 84769
Odintsov, A.I. *see* Nikolaeva, O.Y. 107417
Odintsova, Ye.A. *see* Volosov, V.V. 61005
Odishvili, A.K. *see* Aleev, A.N. 120186
Odland, O.H., Mittig, W., Lepine-Szily, A., Fremont, G., Chartier, M., MacCormick, M., Casandjian, J.M. A fast position sensitive microchannel plate detector for ray-tracing of charged particles 110593
Odling, P., Eriksson, H.B., Koski, T., Borjesson, P.O. When are the MLSD respectively the matched filter receiver optimal with respect to the BER? 67501
Odling, P. *see* Eriksson, H.B. 67502
Odling, P. *see* Eriksson, H.B. 68061
Odmansson, E., Ohlen, C. Integrated information systems: protection, substation control, network management–available solutions on the market 91000
Odnoblyudov, M.A. *see* Yassievich, I.N. 62965
Odobez, J.-M., Bouthemy, P. Direct model-based image motion segmentation for dynamic scene analysis 86842
Odom, J. *see* Hamel, L.A. 80067
Odom, J. *see* Hamel, L.A. 100831
Odom, J. *see* Weber, E. 102001
Odom, R.W. *see* Hong, S.H. 106645
O'Donnell, A.C. *see* Pisu Jiang 106864
O'Donnell, F.J. *see* Betts, G.E. 99583
O'Donnell, I. *see* Sheng, S. 78537
O'Donnell, J. *see* Eckstein, J.N. 72852
O'Donnell, K.P. *see* Bagnall, D.M. 75935
O'Donnell, K.P. *see* Bagnall, D.M. 75961
O'Donnell, K.P. *see* Davison, M. 94318
O'Donnell, K.P. *see* Trager-Cowan, C. 75953
O'Donnell, P. Survey results of low voltage circuit breakers as found during maintenance testing 81627
O'Donnell, P.A. *see* Grimson, W.E.L. 77320
O'Donnell, R. *see* Allbritton, G.L. 80079
O'Donnell, R. *see* Allbritton, G.L. 100826
O'Donnell, R. *see* Odyniec, G. 120158
O'Donnell, R. *see* Walton, J.T. 110556
O'Donnell, R.M. *see* Mayhan, J.T. 111420
O'Donnell, T., Boult, T., Gupta, A. Global models with parametric offsets as applied to cardiac motion recovery 90328
O'Donnell, T. *see* Boult, T.E. 77169
O'Donovan, J.G., Kavanagh, R.C., Murphy, J.M.D., Roche, P.J., Egan, M.G. Neural network commissioning of a PI controller for a rigidly coupled motor/mechanical system 112024
O'Donovan, P. *see* Duane, R. 115367
Odorici, F. *see* Baldanza, C. 69857
Odorici, F. *see* Baldanza, C. 100919
Odorico, R. Neural implementations for online triggers 93643
Odorico, R. *see* Baldanza, C. 69857
Odorico, R. *see* Baldanza, C. 100919
Odoulov, S.G., Shumelyuk, A.N., Hellwig, U., Rupp, R.A., Grabar, A.A. Photorefractive beam coupling in tin hypothiodiphosphate in the near infrared 65561
Odriozola, J.A. *see* Benitez, J.J. 110266
O'Droma, M., Costa, J. A programmable multichannel encoder ASIC for GSM digital cellular radio system 99140
Odunaiya, S.A., McFarland, R.H. A cosmetic method for ameliorating multipath effects on the ILS localizer 80587
O'Dwyer, J., Evans, P. Triangular element refinement in automatic adaptive mesh generation 96907
O'Dwyer, J.B. *see* McMurdie, N.D. 105783
Odyniec, G., Krieger, B., Krofcheck, D., Lewak, D., O'Donnell, R., Partlan, M., Walton, J.T., Wang, N.W. Development of silicon drift detectors for strangeness measurements 120158
Odyniec, G. *see* Walton, J.T. 110556
Odyniec, M. Stability criteria via S-parameters 113631
Odzhaev, V.B. *see* Kozlov, I.P. 63219
Oe, K. *see* Asahi, H. 96276
Oe, K. *see* Okamoto, H. 68439
Oe, K. *see* Okamoto, H. 78888
Oe, K. *see* Okamoto, H. 109611
Oe, K. *see* Yasaka, H. 68485
Oe, K. *see* Yasaka, H. 78889
Oe, K. *see* Zamkotsian, F. 119195
Oe, M. *see* Sekito, T. 95701
Oe, S. *see* Yoshimura, M. 98341
Oe, S. *see* Yoshimura, M. 108516
Oechslin, P. *see* Leue, S. 98454
Oechslin, P. *see* Leue, S. 118095
Oechsner, H. *see* Bauer, S. 94398
Oechsner, H. *see* Dorofeev, A. 94292
Oechsner, H. *see* Scheib, M. 92877
Oechsner, W. *see* Diehl, F. 94242
Oeding, D. *see* Mahn, U. 112522
Oehlberg, R.N., Marteeny, M., Bateman, K., Najafi, B., Parkinson, W. EPRI fire events database 71047
Oehler, Ch. Properties of 8-inch photomultiplier tubes for a large volume imaging water Cerenkov detector 94207
Oehling, S., Lunz, U., Heinke, H., Plahl, G., Becker, C.R., Landwehr, G. The band gap of $Hg_{1-x}Mg_xTe$ grown by molecular beam epitaxy 74240
Oehling, S. *see* Becker, C.R. 74443
Oehm, J., Grafe, M., Kettner, T., Schumacher, K. Universal low cost controller for electric motors with programmable characteristic curves 81400
Oehme, W.F. *see* Obernosterer, F. 106611
Oehrlein, G.S. *see* Kastenmeier, B.E.E. 114928
Oehrlein, G.S. *see* Ying Zhang 94761
Oei, Y.S. *see* Rongen, R.T.H. 105350
Oei, Y.S. *see* Vreeburg, C.G.M. 103953
Oejeklaus, G. *see* Pruschek, R. 111800
Oelbaum, P. *see* Mentz, H.-J. 98797
Oelert, W. *see* Brauksiepe, S. 100815
Oelert, W. *see* Calen, H. 120194
Oellermann, O.R. *see* Dankelmann, P. 60867
Oelmann, B., Martijn, H., Tenhunen, H. VLSI implementation of DS-CDMA receiver using asynchronous design techniques 99200
Oelschlagel, F. Efficient experimental design. Selective utilization of preventive failure analysis methods in experimental design 82315
Oelze, B., Ruck, B., Roth, M., Domel, R., Siegel, M., Kidiyarova-Shevchenko, A.Yu., Filippov, T.V., Kupriyanov, M.Yu., Hildebrandt, G., Topfer, H., Ihlmann, F.H., Prusseit, W. Rapid single-flux-quantum balanced comparator based on high-T_c bicrystal Josephson junctions 61989
Oelze, B. *see* Saffian, B. 114684
Oepts, D. *see* Jaroszynski, D.A. 107399
Oepts, D. *see* Knippels, G.M.H. 65377
Oepts, D. *see* Knippels, G.M.H. 65385
Oepts, D. *see* Knippels, G.M.H. 96499
Oepts, D. *see* Weits, H.H. 96481
Oerle, B.M.van *see* van Oerle, B.M.
Oers, W.T.H.van *see* van Oers, W.T.H.
Oertel, E. *see* Ristau, D. 107433
Oerter, B., Conkling, C.R. Accelerator timing at Brookhaven National Laboratory 89620
Oesch, L. *see* Adams, M. 110591
Oess, F.G. The uniform remote planar virtual cathode system 89421
Oesterberg, K. *see* Agasi, E. 69729
Oesterheld, J. *see* Kunze, D. 81122
Oesterholt, R. *see* De Boeck, J. 64201
Oesterle, C. *see* Panych, L.P. 70012
Oesterle, U. *see* Stanley, R.P. 62860
Oesterle, U. *see* Tignon, J. 63034
Oesterle, W., Ressel, P. XTEM investigation of Ge/Pd shallow contact to p-$In_{0.53}Ga_{0.47}As$ 114814
Oesterschulze, E. *see* Linnemann, R. 69077
Oettli, W., Yen, N.D. An example of a bad quasicomplementarity problem 82488
Oeverdiek, H. *see* Bauer, A. 112905
Oezkan, H. *see* Parlak, M. 114663
O'Farrell, J. *see* Lewin, I. 89295
O'Farrell, T., Arunosrisakul, T. Single-user optimum matched filter detector for CDMA systems 87370
Ofek, Y., Yener, B. Reliable concurrent multicast from bursty sources 87469
Ofek, Y. *see* Chung-Sheng Li 87724
Ofek, Y. *see* Mayer, A. 87795
Offenberg, D. *see* Mertin, M. 92925
Offenberg, M. *see* Funk, K. 63981
Offenberg, M. *see* Wenk, B. 74983
Offenberg, M. *see* Wenk, B. 84664
Offerhaus, H.L., Godfried, H.P., Witteman, W.J. All solid-state diode pumped Nd:YAG MOPA with stimulated Brillouin phase conjugate mirror 85407
Offerman, A. *see* van de Goor, Ad.J. 73340
Offerman, H.A.J.M. The Dutch National Simulation Facility: advancements in simulator technology and application 120598
Offersgaard, J.F., Veng, T., Skettrup, T. Accurate method for determining the refractive-index profiles of planar waveguides in uniaxial media with the optical axis normal to the surface 75533
Offord, B. *see* De La Houssaye, P.R. 62281
O'Flynn, B. *see* Doyle, R. 92273
Ofner, E. *see* Gierlinger, A. 98939
Ofosu-Amaah, W. *see* Tadakuma, S. 71542
Ofstad, A.E. *see* Rinnan, A. 90737
Ogahara, Y. *see* Nogami, H. 74558
Ogahara, Y. *see* Nogami, H. 94767
Ogaki, K., Kaneko, S., Miyamoto, Y. Development of advanced digital protection and control systems 102241
Ogala, N. *see* Yamamoto, K. 78534
Ogale, S.B., Talyansky, V., Xiong, G.C., Sharma, R.P., Ramesh, R., Greene, R.L., Venkatesan, T. Response to an electric field of $Nd_{0.7}Sr_{0.3}MnO_3$ films in a MOSFET configuration 63693
Ogale, S.B. *see* Nawathey-Dikshit, R. 72977
Ogale, S.B. *see* Talyansky, V. 75360
O'Gallagher, J. *see* Jenkins, D. 111854
Ogandzhanyants, S.I. *see* Voznesenskii, V.V. 103540
Oganesyan, V.A., Lalayan, A.A., Aidinyan, L.E. Mechanisms of quenching of the autofluorescence of tissues sensitized by tumorotropic dyes 80345
Ogasa, Y. *see* Naito, A. 99695
Ogasawara, I. *see* Takajo, M. 64198
Ogasawara, I. *see* Yano, N. 115549
Ogasawara, K. *see* Ando, Y. 110810
Ogasawara, K. *see* Hishinuma, M. 81763

Ogasawara, K. *see* Momma, T. 64956
Ogasawara, M., Ito, Y., Muranaka, M., Yanagisawa, Y., Tadaki, Y., Natsuaki, N., Nagata, T., Miyai, Y. Physical model of bit-to-bit variation in data retention time of DRAMs 61879
Ogasawara, M. *see* Hashimi, K. 74561
Ogasawara, M. *see* Hiraiwa, A. 104545
Ogasawara, M. *see* Sugiura, H. 72752
Ogasawara, S., Akagi, H. Modeling and damping of high-frequency leakage currents in PWM inverter-fed AC motor drive systems 112462
Ogasawara, S. *see* Akizuki, M. 92855
Ogasawara, T. *see* Kasahara, H. 95568
Ogasawara, Y., Motoyama, Y., Harada, T., Tuboi, T., Saitou, S., Fukuda, M. ODX652 PD/CD-ROM drive 116001
Ogashiwa, T. *see* Oho, E. 98296
Ogata, A., Nakajima, K., Kozawa, T., Yoshida, Y. Femtosecond single-bunched linac for pulse radiolysis based on laser wakefield acceleration 79850
Ogata, A. *see* Kozawa, T. 89681
Ogata, A. *see* Kwok, P. 89918
Ogata, A. *see* Nakajima, K. 107391
Ogata, H., Ando, T., Ito, T., Matsui, K., Sugimoto, M., Kato, T., Nakajima, H., Nishi, M., Isono, T., Takahashi, Y., Tsuji, H., Shimamoto, S., Sumiyoshi, Y., Osaki, O., Fujioka, T., Okuno, K. Design of the ITER central solenoid (CS) model coil 95521
Ogata, H. *see* Kajiwara, G. 97155
Ogata, H. *see* Koizumi, N. 95512
Ogata, K., Kawaguchi, D., Kera, T., Fujita, S., Fujita, S. Effects of annealing atmosphere and temperature on acceptor activation in ZnSe:N grown by photoassisted MOVPE 74212
Ogata, K. *see* Matsuoka, M. 92816
Ogata, M. *see* Kawachiya, K. 118594
Ogata, N. *see* Abe, H. 76246
Ogata, N. *see* Abe, H. 85633
Ogata, N. *see* Katagiri, Y. 76244
Ogata, N. *see* Nakayama, M. 83431
Ogata, S.-I. *see* Tsuchimori, M. 65430
Ogata, T., Aoki, Y., Koga, T., Matsuoka, I. Observation of bit-error-rate impairment due to dynamic cross-phase modulation in 2.5 Gbit/s WDM transmission systems with standard fiber 68528
Ogata, T. *see* Aoki, Y. 78845
Ogata, T. *see* Hirai, T. 71619
Ogata, T. *see* Ikuta, K. 74947
Ogata, T. *see* Kato, N. 91711
Ogata, T. *see* Kobayashi, K. 63286
Ogata, T. *see* Maruyama, K. 100989
Ogata, T. *see* Matsushima, T. 121870
Ogata, T. *see* Yamamoto, K. 99489
Ogata, T. *see* Yuasa, T. 70036
Ogata, W., Kurosawa, K. Optimum secret sharing scheme secure against cheating 86069
Ogata, Y. *see* Hasegawa, Y. 73811
Ogata, Y. *see* Takigawa, A. 80288
Ogawa, A. *see* Fujita, T. 113525
Ogawa, A. *see* Ichiba, M. 87965
Ogawa, A. *see* Ichiba, M. 118763
Ogawa, A. *see* Ishiguro, T. 99390
Ogawa, A. *see* Jamalipour, A. 78612
Ogawa, A. *see* Mizuno, K. 121824
Ogawa, A. *see* Nakamura, H. 117140
Ogawa, A. *see* Nakamura, K. 97451
Ogawa, A. *see* Okada, H. 99105
Ogawa, A. *see* Okuda, S. 88123
Ogawa, A. *see* Okuda, S. 117243
Ogawa, A. *see* Sato, T. 68034
Ogawa, A. *see* Sato, T. 78365
Ogawa, A. *see* Sato, T. 118941
Ogawa, A. *see* Wada, T. 67515
Ogawa, A. *see* Wada, T. 118024
Ogawa, A. *see* Yabumoto, Y. 68342
Ogawa, A. *see* Yamazato, T. 68069
Ogawa, A. *see* Yamazato, T. 77698
Ogawa, A. *see* Yamazato, T. 99310
Ogawa, E. *see* Doi, Y. 109418
Ogawa, E. *see* Ida, Y. 114237
Ogawa, E. *see* Imai, N. 68251
Ogawa, E. *see* Kurose, T. 90439
Ogawa, F., Ono, F. An overview of international standard of coding method for color still images (JPEG) 67355
Ogawa, H. *see* Gheyas, S.I. 104032
Ogawa, H. *see* Gheyas, S.I. 105581
Ogawa, H. *see* Hayami, Y. 105624
Ogawa, H. *see* Hori, J. 86284
Ogawa, H. *see* Horikawa, K. 75558
Ogawa, H. *see* Horikawa, K. 76645
Ogawa, H. *see* Inomata, C.R. 114974
Ogawa, H. *see* Kobayashi, O. 88418
Ogawa, H. *see* Noda, K. 89755
Ogawa, H. *see* Satow, T. 95514
Ogawa, H. *see* Suzuki, H. 120743
Ogawa, I. *see* Horikawa, K. 75558
Ogawa, J. The MAX 7000 architecture: building on a winning formula 61751
Ogawa, K., Allam, J., Baynes, N.deB., Cleaver, J.R.A., Mishima, T., Ohbu, I. Ultrafast characterization of in-plane-gate field-effect transistors: parasitics in laterally gated transistors 103403
Ogawa, K., Horiuchi, Y., Fujii, N. Calculation of electromagnetic forces for magnet wheels 103134
Ogawa, K., Noguchi, T., Kameyama, T., Nakajima, M., Kasahara, H., Otsuki, K. BS wide-CTV receiver with the plug-in type of ghost reduction unit C-28Z3 68841
Ogawa, K., Segawa, J. Cost evaluation and architectures for access network using cable systems and radio systems 119170
Ogawa, K., Uwano, T. A beam tilt dipole array antenna for indoor mobile applications 76656
Ogawa, K. *see* Allam, J. 107021
Ogawa, K. *see* Aoyama, M. 87098
Ogawa, K. *see* Aoyama, T. 63957
Ogawa, K. *see* Fujii, N. 71606
Ogawa, K. *see* Hira, M. 117033
Ogawa, K. *see* Ichiya, Y. 87603
Ogawa, K. *see* Inoue, E. 101245
Ogawa, K. *see* Kan, K. 71395
Ogawa, K. *see* Kohiyama, K. 109918
Ogawa, K. *see* Ono, T. 101244
Ogawa, K. *see* Sakakura, M. 113796
Ogawa, K. *see* Takayama, J. 118661
Ogawa, K. *see* Tzeng, L.D. 99569
Ogawa, K. *see* Yamada, T. 115464
Ogawa, M. In-vehicle navigation system: future 71860
Ogawa, M. Rapidly variable phase control method of capacitor currents 73830
Ogawa, M. An analysis of the transient phenomena of magnetizing currents of transformer generated by DC interrupted excitations 73832
Ogawa, M., Mendez, E.E. Feasibility of TE-TM-mode changeable tensile-strained-quantum-well lasers 65209
Ogawa, M., Nakada, M., Okada, M., Itoh, M. Analysis method for light scattering from magnetic materials by the three-dimensional boundary element method 106888
Ogawa, M. *see* Hayashi, S. 68293
Ogawa, M. *see* Hotta, K. 95359
Ogawa, M. *see* Miyoshi, T. 63802
Ogawa, M. *see* Miyoshi, T. 92639
Ogawa, M. *see* Shinohara, K. 121183
Ogawa, R. *see* Hase, T. 84924
Ogawa, R. *see* Shibutani, K. 84921
Ogawa, S., Kawashima, A., Watanabe, K. DC/DC converters using nMOSFETs 73092
Ogawa, S., Yoshitake, M., Nishigaki, K., Sugioka, T., Inoue, M., Saji, Y. The effect of B and P ion implantation on superconducting magnetic shielding in NbTi sheets 75374
Ogawa, S. *see* Kuribayashi, K. 64017
Ogawa, S. *see* Nosaka, T. 114510
Ogawa, S. *see* Uehara, T. 109937
Ogawa, T., Kameyama, K., Kuc, R., Kosugi, Y. Source localization with network inversion using an answer-in-weights scheme 66860
Ogawa, T., Kamimura, N. Transmission loss of thick film conductor lines at microwave frequency 83411
Ogawa, T., Kamimura, N. Transmission loss of thick-film conductor lines at microwave frequency 114324
Ogawa, T., Naito, A., Iwamura, T. Handy Area Mapping System 99355
Ogawa, T. *see* Akimoto, K. 74220
Ogawa, T. *see* Aoki, M. 98130
Ogawa, T. *see* Dosaka, K. 61894
Ogawa, T. *see* Dosaka, K. 93377
Ogawa, T. *see* Kamimura, K. 104167
Ogawa, T. *see* Kamimura, K. 105720
Ogawa, T. *see* Kumanoya, M. 61904
Ogawa, T. *see* Maruyama, T. 74157
Ogawa, T. *see* Masui, M. 64590
Ogawa, T. *see* Matsuoka, S. 100236
Ogawa, T. *see* Matsuyama, T. 102959
Ogawa, T. *see* Murakami, M. 91793
Ogawa, T. *see* Shiomitsu, T. 81864
Ogawa, T. *see* Tokaji, K. 113520
Ogawa, T. *see* Yamamoto, A. 104069
Ogawa, Y., Enomoto, A., Sato, I. Improvement of the alignment system for the KEK 2.5-GeV electron linac 89907
Ogawa, Y., Ikemura, K., Seki, S. 1.4 GHz natural air-cooling GaAs standard cell LSIs for 10 Gbit/s optical communication systems 68494
Ogawa, Y., Ishida, M., Tsuji, M. Learning fuzzy power control of PWR plant 91279
Ogawa, Y., Jager-Waldau, A., Hua, T.H., Hashimoto, Y., Ito, K. Influence of KCN treatment on $CuInS_2$ thin films 63274
Ogawa, Y., Ohgane, T. Adaptive antennas for future mobile radio 97372
Ogawa, Y., Uchida, T. A two-dimensional magnetotelluric inversion assuming Gaussian static shift 101508
Ogawa, Y., Yokohata, E., Itoh, K. Spatial-domain path-diversity using an adaptive array for mobile communications 68265
Ogawa, Y. *see* Ahmed, Z. 75970
Ogawa, Y. *see* Arahira, S. 76003
Ogawa, Y. *see* Hai-Feng Liu 116547
Ogawa, Y. *see* Hoshida, T. 96388
Ogawa, Y. *see* Hoshida, T. 116525
Ogawa, Y. *see* Itoh, K. 78587
Ogawa, Y. *see* Kim, D.Y. 75973
Ogawa, Y. *see* Novak, D. 96413
Ogawa, Y. *see* Pelusi, M. 76011
Ogawa, Y. *see* Wada, H. 65293
Ogawa, Y. *see* Yamada, K. 85106
Ogden, C. *see* Cox, S.M. 104956
Ogden, C. *see* Cox, S.M. 114443
Ogden, D. *see* Kalloff, M.A. 98618
Oghanna, W. *see* Zhang, J. 112565
Ogier, J.L., Degraeve, R., Roussel, P., Groeseneken, G., Maes, H.E. Analysis of the early-failure rate prediction of time-dependent-dielectric breakdown in thin oxides 84606
Ogier, J.L. *see* Degraeve, R. 95253
Ogier, J.L. *see* Degraeve, R. 115369
Ogier, R.G., Plotkin, N.T., Khan, I. Neural network methods with traffic descriptor compression for call admission control 87341
Ogihara, A. *see* Shintani, A. 76879
Ogihara, H., Yoshimaru, M., Takase, S., Kita, A. Development of rugged-FIN capacitor technology for high density DRAMs 73331
Ogihara, M. *see* Allender, E. 92596
Ogihara, T. *see* Murai, S. 61827
Ogihara, Y. *see* Kaga, S. 91887
Ogino, A., Kohnosu, T., Hirasawa, S., Nishijima, T. On a decoding algorithm by superposition for binary cyclic codes for certain burst errors 97477
Ogino, A. *see* Hara, S. 99233
Ogino, F., Nishimura, K., Okabe, S., Kimura, E. Direct temperature measurement of melts in continuous copper converter with expendable immersion optical fiber thermometer 69228
Ogino, M. Projection displays: past and future 89288
Ogino, N. *see* Mukasa, T. 78152
Ogino, S., Fujiwara, N., Miyatake, H., Yoneda, M., Harada, H. Profile distortion caused by local electric field in polysilicon etching 105623
Ogino, S., Fujiwara, N., Miyatake, H., Yoneda, R. Influence of poly-Si potential on profile distortion caused by charge accumulation 74553
Ogino, S. *see* Fujiwara, N. 74573
Ogino, S. *see* Okuma, S. 107400
Ogino, T. *see* Fukuda, T. 94755
Ogino, T. *see* Prabhakaran, K. 105465
Ogino, T. *see* Sumitomo, K. 105125
Ogio, S. *see* Kakimoto, F. 69777
Ogishima, M., Ebinuma, Y., Kawai, J., Fujiwara, Y., Aihara, M. Study of insulation degradation diagnosis on 22 kV~77 kV XLPE cables 111637
Ogishima, M. *see* Kobayashi, T. 111638
Ogishima, R. *see* Ohtani, T. 100235
Ogiso, H. *see* Sato, H. 82789
Ogita, K., Fujii, H., Yoneyama, M., Uno, H., Oyama, M. Pyro-sterilizing heat storage fan heater [health aid] 91957
Ogita, S. *see* Kobayashi, H. 65367
Ogita, Y.-I. Bulk lifetime and surface recombination velocity measurement method in semiconductor wafers 69439
Ogitsu, T., Higo, T., Mizuno, H., Imai, Y., Inaguchi, T., Minato, T., Kim, T.H., Uemura, T., Yokoyama, S., Wolf, Z., Jensen, D., Radusewicz, P. Superconducting focusing solenoid for X-band klystron 100449
Ogitsu, T., Terashima, A., Tsuchiya, K., Ganetis, G., Muratore, J., Wanderer, P. Quench observation using quench antennas on RHIC IR quadrupole magnets 95594
Ogitsu, T., Terashima, A., Tsuchiya, K., Ganetis, G., Muratore, J., Wanderer, P. Quench antennas for RHIC quadrupole magnets 100411
Ogitsu, T. *see* Tsuchiya, K. 89626
Ogitsu, T. *see* Yamamoto, A. 89625
Ogitsu, T. *see* Yokoyama, S. 95542
Ogiwara, H., Horigami, O., Yamada, Y., Satou, M., Kitamura, T., Hasegawa, T. The development of Bi-based high-temperature superconductor and coil 75298
Ogiwara, H., Ul Haq, S.M., Nakaoka, M. High-efficiency zero current soft switching mode high-frequency inverter using normally off bipolar mode SIT for induction-heating 112610
Ogiwara, H. *see* Kaneda, K. 117168
Ogiwara, H. *see* Sakai, T. 117129
Ogiwara, H. *see* Shohon, T. 118830
Ogle, M. *see* Bu-Xin Xu 95544
Ogle, W. *see* Summers, C.J. 74162
Ogle, W. *see* Tong, W. 113301
Ogo, I., MacDonald, N.C. Application of time-resolved scanning electron microscopy to the analysis of the motion of micromechanical structures 84644
Ogonowski, Z. *see* Brdys, M.A. 81457
Ogor, B., Haese-coat, V., Ronsin, J. SAR image segmentation by mathematical morphology and texture analysis 111320
O'Gorman, J. *see* Aherne, T. 76080
O'Gorman, J. *see* Egan, A. 65306
O'Gorman, J. *see* Egan, A. 75979
O'Gorman, J. *see* Rakennus, K. 74228
O'Gorman, L. Subpixel precision of straight-edged shapes for registration and measurement 97886
O'Gorman, T.J., Ross, J.M., Taber, A.H., Ziegler, J.F., Muhlfeld, H.P., Montrose, C.J., Curtis, H.W., Walsh, J.L. Field testing for cosmic ray soft errors in semiconductor memories 73332
O'Gorman, T.J. *see* Ziegler, J.F. 72344
O'Gorman, T.J. *see* Ziegler, J.F. 72394
Ogorodnikov, A.G. *see* Kurova, O.P. 101580
Ogorzalek, M.J. Overview of electronic chaos generation, control, and applications 66851
Ogorzalek, M.J., Galias, Z., Dabrowski, W., Dabrowski, A. Spatio-temporal co-operative phenomena in CNN arrays composed of chaotic circuits-simulation experiments 86171

Ogose, S., Kubota, S., Hattori, T. DS-CDMA wireless access method with inter-cell access for personal communications 109504
Ogose, S. *see* Suzuki, Y. 68237
Ogoshi, H. *see* Fujisaki, A. 75846
Ogoshi, H. *see* Nakamura, H. 75845
O'Grady, K. *see* Dova, P. 106582
O'Grady, K. *see* Earl, J.S. 106589
O'Grady, K. *see* Greaves, S.J. 106493
O'Grady, K. *see* Greaves, S.J. 115471
O'Grady, K. *see* Hancock, C.P. 106481
O'Grady, K. *see* Hancock, C.P. 115470
O'Grady, K. *see* Morales, M.P. 106563
O'Grady, K. *see* Morales, M.P. 106569
O'Grady, K. *see* Morales, M.P. 115601
O'Grady, K. *see* Phillips, G.N. 106588
O'Grady, K. *see* Phillips, G.N. 115613
O'Grady, K. *see* Shadrov, V.G. 106616
O'Grady, W.E. *see* Lin, A.S. 121866
Ogrin, F.Y., Haycock, P.W. FMR studies of cobalt thin films deposited by MOCVD 106518
Ogrodnik, R.F. Bistatic laptop radar: an affordable, silent radar alternative 109792
Ogryczak, W. Dual simplex algorithm with implicit representation of variable upper bounds 72540
Oguchi, K. New notations based on the wavelength transfer matrix for functional analysis of wavelength circuits and new WDM networks using AWG-based star coupler with asymmetric characteristics 78909
Oguchi, K. Three-phase 36-step voltage converter system with an additional single-phase converter for voltage shaping 121754
Oguchi, T. *see* Takagi, A. 106817
Oguma, M. *see* Hattori, K. 116434
Oguma, M. *see* Tanaka, T. 76020
Ogumi, Z. *see* Ioroi, T. 81811
Ogunbona, P. *see* Naghdy, G. 108524
Ogunbona, P.O. *see* Shanbehzadeh, J. 77390
Ogunfunmi, T. On the performance of LMS and RLS based Volterra adaptive filters 73566
Ogunfunmi, T. *see* Pham, C. 76693
Ogunfunmi, T. *see* Shue-Lee Chang 97966
Ogunfunmi, T. *see* Wilhoyte, M.E. 97702
Ogunjimi, A.O., Macgregor, D.S., Pecht, M.G., Evans, J.W. The effect of manufacturing and design process variabilities on the fatigue life of the high density interconnect vias 74627
Ogunyemi, O. *see* Badler, N.I. 80164
Ogura, A., Tatsumi, T., Hamajima, T., Kikuchi, H. Evaluation of depth profile of defects in ultrathin Si film on buried SiO_2 formed by implanted oxygen 105544
Ogura, A. *see* Sakai, E. 71958
Ogura, G., Andrew, R., Schaeffer, R.D. Practical consequences of matching real laser sources to target illumination requirements 107638
Ogura, H., Takahashi, N. Scattering, radiation, and propagation over two-dimensional random surface: Summary 85841
Ogura, H. *see* Matsumoto, H. 93543
Ogura, H. *see* Mengchun Xie 60908
Ogura, H. *see* Miyagi, S. 117667
Ogura, I. *see* Kajita, M. 88555
Ogura, I. *see* Saito, H. 96378
Ogura, J. *see* Tanaka, T. 89387
Ogura, K., Miokawa, M., Fujita, M., Ashitaka, H., Morita, K., Suehiro, T., Mito, A. Third-order nonlinear optical properties of thiophene-based π-conjugated organic compounds with terminal ketene dithioacetal S,S-dioxide groups 76240
Ogura, K., Shiigi, H., Nakayama, M. A new humidity sensor using the composite film derived from poly(o-phenylenediamine) and poly(vinyl alcohol) 119660
Ogura, M. *see* Komori, K. 72810
Ogura, M. *see* Mitsumori, Y. 74243
Ogura, M. *see* Mizuno, B. 105550
Ogura, S. *see* Tang, Y.J. 64520
Ogura, T., Nakanishi, M., Baba, T., Nakabayashi, Y., Kasai, R. A 336-kbit content addressable memory for highly parallel image processing 113949
Ogura, T. *see* Eda, K. 106352
Ogura, T. *see* Iwata, K. 61202
Ogura, T. *see* Kawasima, H. 91573
Ogura, T. *see* Kim, J.H. 62845
Ogura, T. *see* Yamaguchi, M. 105942
Ogura, Y. *see* Imai, H. 100221
Ogura, Y. *see* Kono, S. 113295
Ogura, Y. *see* Shoumei Li 113105
Oguri, H. *see* Ito, N. 79919
Oguri, H. *see* Mochizuki, K. 61170
Oguri, K., Nishi, Y. Materials intelligence (I_{b50}) of superconductors 113555
Oguri, M. *see* Fukuhara, M. 82791
Oguri, M. *see* Yatsuda, H. 68222
Oguri, S. *see* Kikuchi, M. 106704
Oguri, S. *see* Ninomiya 64569
Oguri, Y. Numerical simulation of simultaneous acceleration of positive and negative ions in an RFQ 69609
Oguri, Y., Mizutani, M., Uda, H. Characteristics of a 180° bend flowmeter for gas-liquid two-phase flow 69060
Oguri, Y. *see* Mizutani, M. 69061
Oguri, Y. *see* Sasa, K. 100757
Oguro, E., Miwa, Y. Utilization of multimedia information in offices–TeamWARE: new development in groupware 87907
Oguro, K. *see* Guo, S. 90557
Oguro, K. *see* Shuxiang Guo 70189
Oguro, K. *see* Tadokoro, S. 81504
Oguro, R. *see* Ide, K. 111945
Oguro, S., Shishiguchi, S., Arai, K. Resistivity reduction of thin polycrystalline silicon films crystallized from in situ phosphorus-doped amorphous silicon deposited using silane or disilane 62691
Ogurtsov, V.I. *see* Dvornikov, A.A. 104391
Ogusu, K. Dynamic behavior of reflection optical bistability in a nonlinear fiber ring resonator 107503
Ogut, S. *see* Saad, Y. 103755
Oguzer, T. *see* Nosich, A.I. 66082
Oguzman, I.H., Kolnik, J., Brennan, K.F., Rongping Wang, Tzu-Ning Fang, Ruden, P.P. Hole transport properties of bulk zinc-blende and wurtzite phases of GaN based on an ensemble Monte Carlo calculation including a full zone band structure 114620
Oguzman, I.H. *see* Kolnik, J. 74149
Oh, B., Choi, Y.H., Moon, S.H., Kim, H.T., Min, B.C. $YBa_2Cu_3O_{7-\delta}/NdBa_2Cu_3O_{7-\delta}/YBa_2Cu_3O_{7-\delta}$ edge junctions and SQUIDS 115932
Oh, B.D. *see* Park, H.J. 106697
Oh, C. *see* Kang, S.H. 87283
Oh, C.H. *see* Kim, J.H. 84443
Oh, D., Drobinski, P., Salamitou, P., Flamant, P.H. Optimal local oscillator power for CMT photo-voltaic detector in heterodyne mode 69139
Oh, D.-G. *see* Lee, B.-T. 105615
Oh, D.B. *see* Stanton, A.C. 69366
Oh, D.G. *see* Lee, B.-T. 105651
Oh, E.S. *see* Toropov, A.A. 75930
Oh, E.Y. *see* Kim, J.H. 84443
Oh, H.-S. *see* Kang, M.-K. 116504
Oh, H.S., Lim, J.K. A simple error estimator for size and distortion of 2D isoparametric finite elements 61087
Oh, H.S. *see* Hesselbach, J. 104966
Oh, J. *see* Pyo, I. 72486
Oh, J.E. *see* Chang, Y.H. 61320
Oh, J.H., Fukuchi, F., Kang, H.C., Konagai, M. Influence of H_2 on electrical and optical properties of carbon-doped InP grown by MOMBE using tertiarybutylphosphine (TBP) 103950
Oh, J.S. *see* Cho, M.H. 100477
Oh, K.J., Lim, C.S., Daiwoo Kim Development of on-line measurement system of surface roughness for cold-rolled steel sheet 110366
Oh, K.S., Schutt-Aine, J.E., Mittra, R. Computation of excess capacitances of various strip discontinuities using closed-form Green's functions 65936
Oh, M., Park, H., Lee, C., Lim, G., Kim, T., Kim, J., Kim, T. Compressively strained GaInP/AlGaInP metal clad structure for 650 nm laser diode 65255
Oh, M. *see* Kim, S. 87948
Oh, M.H. *see* Ju, B.K. 74492
Oh, M.H. *see* Lee, Y.H. 75736
Oh, M.S. *see* Kim, T.K. 65256
Oh, S. DSP technology for a hands-free cellular phone in a car 109563
Oh, S. *see* Chen, T.R. 65215
Oh, S.-H. *see* Cheng, T.-H. 67525
Oh, S.-J. *see* Lee, D.H. 74582
Oh, S.-W., Fujikawa, K., Matsuura, T., Shimojo, S., Miyahara, H. Design of a scenario description language with QoS specification in a distributed multimedia system "Symphony" 78166
Oh, S.-Y. *see* Nakagawa, O.S. 63442
Oh, S.-Y. *see* Rahmat, K. 63421
Oh, S.G., Ahn, J.W., Seong, S.J., Hwang, Y.M. A novel control scheme for low cost SRM drive 71775
Oh, S.H. *see* Cheng, T.H. 88043
Oh, S.H. *see* Yeo, J.-H. 115069
Oh, S.H. *see* Yeo, J.-H. 115070
Oh, S.J., Shin, Y.C., Furgason, E.S. Measurement and characterization of milled surface profiles using ultrasonic waves 92301
Oh, S.K., MacEwen, G.H. Task behavior monitoring for adaptive real-time communication 108841
Oh, S.M. *see* Jang, D.H. 102951
Oh, S.M. *see* Lee, H.Y. 81808
Oh, S.Y. *see* Lee, Y.M. 82236
Oh, S.Y. *see* Tae-Hyun Kim 103439
Oh, T.-H., Huffaker, D.L., Graham, L.A., Deng, H., Deppe, D.G. Steam oxidation of GaAs 114932
Oh, Y., Lee, H., Shin, D., Lee, S., Chung, H. Performance analysis of ECC format for opto-magnetic disc 75423
Oh Bong-Hwan *see* Bong-Hwan Oh
Oh Byun Jae *see* Jae Oh Byun
Oh Chae Gon *see* Chae Gon Oh
Oh Chang Heon *see* Chang Heon Oh
Oh Changhwan *see* Changhwan Oh
Oh Chanhee *see* Chanhee Oh
Oh Choonsuk *see* Choonsuk Oh
Oh Chul-Soo *see* Chul-Soo Oh
Oh Dae Kon *see* Dae Kon Oh
Oh Dae-Il *see* Dae-Il Oh
Oh Don Sung *see* Don Sung Oh
Oh Don-Sung *see* Don-Sung Oh
Oh Dong Jin *see* Dong Jin Oh
Oh Dong-Sun *see* Dong-Sun Oh
Oh Eun-Soon *see* Eun-Soon Oh
Oh Euy Kyo *see* Euy Kyo Oh
Oh Geun-Ung *see* Geun-Ung Oh
Oh Haeng-Soo *see* Haeng-Soo Oh
Oh Hoon-Sang *see* Hoon-Sang Oh
Oh Hwa-Joon *see* Hwa-Joon Oh
Oh Hwang-Seok *see* Hwang-Seok Oh
Oh Hyuk Jun *see* Hyuk Jun Oh
Oh Hyun Kim *see* Seong Ho Kang 89166
Oh Hyun Seok *see* Hyun Seok Oh
Oh Hyung-Sik *see* Hyung-Sik Oh
Oh Il-Seok *see* Il-Seok Oh
Oh Jae-Geun *see* Jae-Geun Oh
Oh Jaewon *see* Jaewon Oh
Oh Ji Sung *see* Ji Sung Oh
Oh Jin-Tae *see* Jin-Tae Oh
Oh Jong-Geun *see* Jong-Geun Oh
Oh Jong-Taek *see* Jong-Taek Oh
Oh Ju Hwan *see* Ju Hwan Oh
Oh Jun Ho *see* Jun Ho Oh
Oh Jun Hwan *see* Jun Hwan Oh
Oh Jun-Ho *see* Jun-Ho Oh
Oh Jung-Hun *see* Jung-Hun Oh
Oh Kil Nam *see* Kil Nam Oh
Oh Kwang Ryong *see* Kwang Ryong Oh
Oh Kwang-Hae *see* Kwang-Hae Oh
Oh Kyoung-Su *see* Kyoung-Su Oh
Oh Kyung-Whan *see* Kyung-Whan Oh
Oh Min-Cheol *see* Min-Cheol Oh
Oh Moon-Kyun *see* Moon-Kyun Oh
Oh Myung Hwan *see* Myung Hwan Oh
Oh Myung-Hwan *see* Myung-Hwan Oh
Oh Ok Kyun *see* Ok Kyun Oh
Oh Park Soon *see* Soon Oh Park
Oh Sang-Kyun *see* Sang-Kyun Oh
Oh Sang-Yeop *see* Sang-Yeop Oh
Oh Sangchul *see* Sangchul Oh
Oh Se-Yong *see* Se-Yong Oh
Oh Se-Young *see* Se-Young Oh
Oh Seong Keun *see* Seong Keun Oh
Oh Seoung-Jun *see* Seoung-Jun Oh
Oh Shin Kwon *see* Jun Ho Bang 93568
Oh Tiong Keng *see* Low Lee Hean 102932
Oh Wang-Yuhl *see* Wang-Yuhl Oh
Oh Wonho *see* Wonho Oh
Oh Woo Jin *see* Woo Jin Oh
Oh Yang, Hai-Won Yang Implementations of the hybrid control system using a modified PD controller and neural networks 102741
Oh Yong-Ho *see* Yong-Ho Oh
Oh Yun-Sang *see* Yun-Sang Oh
Oh Yung Hwan *see* Yung Hwan Oh
Oh Yung-Hwan *see* Yung-Hwan Oh
Oh-e, M., Kondo, K. Response mechanism of nematic liquid crystals using the in-plane switching mode 95838
Oh-E, M. *see* Ohta, M. 119814
Oh-Hashi, H. *see* Asao, H. 115864
Oh-Sung Kwon *see* Min-Ki Kim 67489
Oh-Yang Kwon, Joon-Hyun Lee, Dong-Jin Yoon Acoustic emission during tensile loading of low velocity impact-damaged CFRP laminates 61483
O'Hagan, S.P., Missous, M., Mottram, A., Wright, A.C. Interaction of dopants with a host GaAs lattice: the case of low-temperature grown molecular beam epitaxial GaAs(Si) 74370
Ohagi, T. *see* Fujita, K. 71015
O'Hair, J.R., Suter, B.W. The Zak transform and decimated time-frequency distributions 66810
O'Halek, S.J. *see* Rohrs, C.E. 77661
O'Halek, S.J. *see* Rohrs, C.E. 87295
O'Halloran, G.M., Trimp, P.J., French, P.J. A porous silicon humidity sensor 89044
Ohama, T. *see* Ishihara, N. 80003
O'Handley, R.C. *see* Hug, H.J. 75170
O'Hanlon, P. *see* Jameson, D.G. 88855
Ohar, O. *see* Lizotte, T. 103435
Ohar, O.P. *see* Lizotte, T.E. 105619
O'Hara, A., Begbie, M., Rankin, I., Burns, D.C., Gourlay, J., Underwood, I., Vass, D.G. Protection of DRAM spatial light modulators from incident light using a multilevel metallization procedure 85096
O'Hara, A., Rankin, I., Begbie, H., Vass, D.G., Burns, D.C., Underwood, I., Stevenson, J.T.M. Post-processing using microfabrication techniques to improve the optical performance of liquid crystal over silicon backplane spatial light modulators 75616
O'Hara, A. *see* Elliott, J.P. 115305
O'Hara, A. *see* Underwood, I. 79631
Ohara, H., Konno, H., Sasaki, M., Suzuki, M., Murata, K. Automated 360° profilometry of a three-dimensional diffuse object and its reconstruction by use of the shading model 98190
Ohara, J., Gotoh, Y., Nagakubo, M., Kurahashi, T., Idogaki, T., Hattori, T., Urisu, T. Metallization on piezoelectric ceramics surfaces by synchrotron radiation irradiation 84686
Ohara, K. *see* Hasegawa, K. 78271
Ohara, M. *see* Hamano, Y. 76317
O'Hara, M.A., Yong Hu, Bogy, D.B. Effects of slider sensitivity optimization 115751
Ohara, N. *see* Sakoda, S. 112877
Ohara, S. *see* Yamada, H. 83375
Ohara, T. *see* Asobe, M. 88598
Ohara, T. *see* Asobe, M. 99556
Ohara, T. *see* Uchiyama, K. 99551
O'Hara, T.J. *see* Zhang, L. 71644
O'hara, W., Lee, N.-C. Voiding in BGA 92232
O'Hara, W.B., Lee, N.-C. How voids develop in BGA solder joints 73880
Ohara, W.B., Lee, N.-C. Voiding mechanism in BGA assembly 82215
Ohara, Y. *see* Inoue, T. 69696

Ohara, Y. *see* Watanabe, K. 110471
O'Hare, J.J. AC control for multiple-wire drawing 71766
Ohashi, A. *see* Watanabe, S. 69095
Ohashi, G., Ohya, A., Atobe, O., Natori, M., Nakajima, M. Automatic measurement of organ volume using ultrasound images 101317
Ohashi, H., Ishiguro, E., Sasano, T., Shobatake, K. Synchrotron radiation excited etching of diamond 74590
Ohashi, H., Shobatake, K. Synchrotron radiation excited etching of silicon surface studied by velocity distribution measurements of desorbed species 84144
Ohashi, H. *see* Fujiwara, K. 65695
Ohashi, H. *see* Ishiguro, E. 84145
Ohashi, H. *see* Mori, T. 121798
Ohashi, H. *see* Murakawa, K. 116934
Ohashi, H. *see* Yamaguchi, M. 105942
Ohashi, K. *see* Gokan, H. 115861
Ohashi, K. *see* Honmura, H. 81987
Ohashi, K. *see* Kobayashi, I. 115673
Ohashi, K. *see* Masui, N. 109190
Ohashi, K. *see* Miyata, K. 110507
Ohashi, K. *see* Miyauchi, Y. 96464
Ohashi, K. *see* Takahashi, N. 64186
Ohashi, M., Nakajima, K., Tateda, M. A nondestructive technique for measuring chromatic dispersion along a single-mode fibre by bidirectional OTDR measurement at four wavelengths 64697
Ohashi, M. *see* Hattori, T. 114830
Ohashi, M. *see* Hogari, K. 75504
Ohashi, M. *see* Ito, E. 101440
Ohashi, M. *see* Ito, H. 75658
Ohashi, M. *see* Kanno, R. 121840
Ohashi, M. *see* Miyajima, Y. 88632
Ohashi, M. *see* Sato, M. 85710
Ohashi, M. *see* Shiraishi, H. 64293
Ohashi, M. *see* Suzuki, N. 85189
Ohashi, M. *see* Suzuki, N. 85217
Ohashi, M. *see* Yamaguchi, A. 68243
Ohashi, M. *see* Yoshida, H. 106873
Ohashi, N., Nezu, H., Owada, N., Hirasawa, S. Improved spin-on glass process with multilevel metallization 63438
Ohashi, S., Higashi, K., Ohsaki, H., Masada, E. Study on damping characteristics of the superconductive magnetically levitated system 91902
Ohashi, T., Ebisawa, K., Fukazawa, Y., Hiyoshi, K., Horii, M., Ikebe, Y., Ikeda, H., Inoue, H., Ishida, M., Ishisaki, Y., Ishizuka, T , Kamijo, S., Kaneda, H., Kohmura, Y., Makishima, K., Mihara, T., Tashiro, M., Murakami, T., Shoumura, R., Tanaka, Y., Ueda, Y., Taguchi, K., Tsuru, T., Takeshima, T. The Gas Imaging Spectrometer on board ASCA 99891
Ohashi, T., Takano, T., Tsujino, K. Knowledge acquisition and maintenance methods for intelligent support systems [power system automation] 101829
Ohashi, T. *see* Itoh, T. 79360
Ohashi, T. *see* Kojima, T. 94036
Ohashi, T. *see* Yukawa, T. 80494
Ohashi, U. *see* Shirakawa, K. 114335
Ohashi, Y. *see* Hosokawa, T. 81611
Ohashi, Y. *see* Kawasaki, Y. 62329
Ohashi, Y. *see* Ninomiya, T. 99097
Ohashi, Y. *see* Ono, K. 114306
Ohashi, Y. *see* Shirakawa, K. 83425
Ohata, K., Funabashi, M., Inoue, T., Onda, K., Hosoya, K., Maruhashi, K., Kuzuhara, M. A millimeter wave monolithic VCO with an integrated heterojunction FET as a varactor 73774
Ohata, K., Inoue, T., Funabashi, M., Inoue, A., Takimoto, Y., Kuwabara, T., Shinozaki, S., Maruhashi, K., Hosoya, K., Nagai, H. 60 GHz-band ultra-miniature monolithic T/R modules for multimedia wireless communication systems 88085
Ohata, K., Saito, T. High-performance millimeter-wave MMICs for wireless communication systems 83524
Ohata, K. *see* Inoue, L. 93913
Ohata, K. *see* Takimoto, Y. 87750
Ohayashi, M. *see* Higeta, K. 61887
Ohayashi, M. *see* Higeta, K. 113943
Ohba, A. *see* Miwa, H. 73345
Ohba, F., Kawashima, H., Wada, T., Mizuno, H. An evaluation of non-linearity in human heart rate variability using higher order correlation 70120
Ohba, H., Abe, K., Kondo, K., Sugiura, T., Mizushina, S. Precision of non-invasive temperature measurement using multi-frequency microwave radiometry 80335
Ohba, H. *see* Abe, K. 80466
Ohba, K. *see* Abe, T. 61428
Ohba, K. *see* Pham Hong Son 76338
Ohba, K. *see* Satow, T. 95514
Ohba, R. *see* Mizuno, T. 83997
Ohba, R. *see* Takahashi, N. 69538
Ohba, Y., Hatano, A. Growth of high-quality AlN and AlN/GaN/AlN heterostructure on sapphire substrate 103847
Ohba, Y., Nemoto, Y., Sato, R. Directional coupler with coupled non-uniform transmission line represented by lumped Brune section and uniform transmission line 62175
Ohba, Y. *see* Kamatani, Y. 78290
Ohba, Y. *see* Unekawa, Y. 78296
Ohbato, N. *see* Chikamatsu, K. 73754
Ohbayashi, S. *see* Sato, H. 93352
Ohbayashi, T. *see* Tomura, Y. 104979
Ohbo, M. *see* Kawamura, T. 79163
Ohbu, I. *see* Allam, J. 107021
Ohbu, I. *see* Kudo, N. 95040
Ohbu, I. *see* Ogawa, K. 103403
Ohbu, I. *see* Tanimoto, T. 62283
Ohbu, K. *see* Komachiya, M. 100050
Ohbuchi, R., Miyazawa, T., Aono, M., Kimura, M., Yoshida, R., Koide, A. Integrated medical-image system for cancer research and treatment 101137
Ohchi, M., Furukawa, T. Novel scheme for drawing electric lines of force using scalar potential 96892
Ohchi, M. *see* Furukawa, T. 107690
Ohchi, M. *see* Shimada, H. 102111
Ohdachi, Y., Kawase, Y., Miura, Y., Hayashi, Y. Optimum design of switched reluctance motors using dynamic finite element analysis 102671
Ohdaira, E. *see* Xiao-Liang Bai 91707
Ohdaira, T. *see* Ohgaki, H. 107392
Ohdaira, T. *see* Uedono, A. 63243
Ohdaira, T. *see* Yokoyama, M. 96469
Ohdoman, I. *see* Koh, M. 74721
Ohdomari, I. *see* Tanii, T. 73372
Ohe, A. *see* Kiyono, S. 69496
Ohe, Y. *see* Ito, H. 96811
Ohfuji, T., Maeda, K., Nakano, K., Hasegawa, E. Dissolution behaviour of alicyclic polymers designed for ArF excimer laser lithography 105790
Ohfuji, T. *see* Maeda, K. 105801
Ohga, J. *see* Fujii, K. 66848
Ohga, J. *see* Fujii, K. 97773
Ohga, J. *see* Fujii, K. 97774
Ohga, J. *see* Fujii, K. 117447
Ohga, J. *see* Kajikawa, Y. 67971
Ohga, J. *see* Kajikawa, Y. 87987
Ohga, M. *see* Kawaguchi, H. 89280
Ohgai, T. *see* Mizoguchi, T. 82934
Ohgaki, H., Noguchi, T., Sugiyama, S., Mikado, T., Chiwaki, M., Yamada, K., Suzuki, R., Sei, N., Ohdaira, T., Yamazaki, T. Polarized gamma-rays with laser-Compton backscattering 107392
Ohgaki, H., Robin, D., Yamazaki, T. Quasi-isochronous storage ring for enhanced FEL performance 96495
Ohgaki, H. *see* Ijiri, H. 83692
Ohgaki, H. *see* Nishimura, H. 89937
Ohgaki, H. *see* Yokoyama, M. 96469
Ohgaki, S. *see* Fujioka, N. 75006
Ohgaki, S. *see* Fujioka, N. 84708
Ohgaki, T., Takahashi, T. Influence of e^+e^- pair creation in collision of laser and high energy photons for photon-photon colliders 69611
Ohgane, T. Spectral efficiency improvement by base station antenna pattern control for land mobile cellular systems 78485
Ohgane, T. *see* Doi, Y. 109418
Ohgane, T. *see* Ogawa, Y. 97372
Ohgihara, T. *see* Kawasaki, H. 83440
Ohgihara, T. *see* Kohama, K. 114318
Ohgoh, T. *see* Kimura, Y. 95957
Ohgoshi, H. *see* Shinozaki, K. 68355
Ohgoshi, Y. *see* Esmailzadeh, R. 118983
Ohguchi, H. *see* Baba, M. 90114
Ohguchi, O. *see* Higurashi, E. 106270
Ohguro, T. *see* Momose, H.S. 84437
Ohguro, T. *see* Sasaki, H. 94954
Ohhata, K. *see* Higeta, K. 61887
Ohhata, K. *see* Higeta, K. 113943
Ohi, S. *see* Asada, H. 79622
Ohi, S. *see* Sakamoto, M. 89331
Ohi, S. *see* Suzuki, T. 89293
Ohibata, N. *see* Tanaka, W. 73755
Ohiberg, D.A.A. *see* Fleming, J.G. 83736
Ohigashi, H., Hattori, T. Improvement of piezoelectric properties of poly(vinylidene fluoride) and its copolymers by crystallization under high pressures 106334
Ohigashi, N., Ishida, T., Tsunawaki, Y., Imasaki, K., Fujita, M., Asakawa, M., Kuruma, S.I., Yamanaka, C., Nakai, S., Mima, K. Suppression and control of leakage field in electromagnetic helical microwiggler 110518
Ohigashi, N. *see* Asakawa, M. 96555
Ohigashi, N. *see* Fujita, M. 96451
Ohinata, Y. *see* Akiyama, J. 75224
Ohinata, Y. *see* Shimomura, K. 115791
Ohira, F. *see* Mizukami, M. 116054
Ohira, Y. *see* Miyachi, M. 74201
Ohish, T. *see* Matoba, S. 111558
Ohishi, I. A review and consideration of the resolution characteristics of dot-matrix TV displays 89452
Ohishi, I., Maeda, M., Takahashi, N., Shiratani, A., Kuwata, T. An evaluation of flicker on space modulated frame rate control multi-gray shading methods for STN-LCDs 119813
Ohishi, I. *see* Shiraishi, K. 84997
Ohishi, K., Nakamura, Y. Robust speed servo system for wide speed range based on instantaneous speed observer and disturbance observer 91552
Ohishi, K. *see* Tasaka, S. 106343
Ohishi, M., Yoneta, M., Ishii, S., Ohura, M., Hiroe, Y., Saito, H. On the growth mechanism of Li- and Na-doped Zn chalcogenides on GaAs(001) by means of molecular beam epitaxy 74226
Ohishi, M. *see* Yoneta, M. 74181
Ohishi, N. *see* Niigaki, M. 94208
Ohishi, T. *see* Fujita, M. 109932
Ohishi, T. *see* Okada, Y. 102697
Ohishi, Y., Kanamori, T., Fujiura, K., Nishida, Y., Yamada, M., Sudo, S. Recent progress in 1.3-μm fiber amplifiers 65107
Ohiso, Y., Amano, C., Itoh, Y., Tateno, K., Tadokoro, T., Takenouchi, H., Kurokawa, T. 1.55 μm vertical-cavity surface-emitting lasers with wafer-fused InGaAsP/InP-GaAs/AlAs DBRs 96279
Ohiso, Y., Tateno, K., Kohama, Y., Wakatsuki, A., Tsunetsugu, H., Kurokawa, T. Flip-chip bonded 0.85-μm bottom-emitting vertical-cavity laser array on an AlGaAs substrate 96377
Ohiso, Y. *see* Takenouchi, H. 107241
Ohiwa, T. *see* Tsuchiaki, M. 63354
Ohiwa, T. *see* Tsuchiaki, M. 94776
Ohizumi, N., Doi, Y., Ishibashi, R., Endo, T. CENTUM CS high productivity cabinet 82182
Ohji, Y. *see* Matsui, Y. 104537
Ohk Chin Yong *see* Yong Ohk Chin
Ohk Young-Mi *see* Young-Mi Ohk
Ohkawa, K., Tsujimura, A., Nishikawa, T., Yoshii, S., Yokogawa, T., Kubo, M., Sasai, Y. Compound source molecular beam epitaxy for II-VI laser structures 72786
Ohkawa, K. *see* Oda, N. 99394
Ohkawa, K. *see* Tsujimura, A. 96327
Ohkawa, M., Abe, T., Sekine, S., Sato, T. Integrated optic micropressure sensor using ring resonator 99960
Ohkawa, M., Sugawara, H., Sudo, N., Tsukiji, M., Nakagawa, K., Kawata, M., Oyama, K., Takeshima, T., Ohya, S. A 98 mm^2 3.3 V 64 Mb flash memory with FN-NOR type 4-level cell 73346
Ohkawa, N. *see* Hayashi, Y. 88463
Ohkawa, N. *see* Takahashi, T. 109642
Ohkawa, S. *see* Kuwata, M. 90205
Ohkawa, S. *see* Kuwata, M. 100925
Ohkawa, S. *see* Miyachi, T. 80020
Ohkawa, T. *see* Arimoto, S. 71923
Ohkawa, T. *see* Nagata, T. 60548
Ohkawa, T. *see* Nakamura, S. 70920
Ohkawa, Y., Tsuji, Y., Koshiba, M. Finite element analysis of general conical diffraction by arbitrarily profiled gratings 107863
Ohki, A. *see* Iwata, K. 61202
Ohki, A. *see* Mogi, K. 83826
Ohki, H., Ikebe, M., Hashimoto, N., Endo, T. A conflict resolution of picture interpretation using result of natural language processing 86663
Ohki, M., Sakurai, H., Horikoshi, J., Kozaki, S. Modeling of arbitrary cross-sectional cylinder using N circular cylinders for the scattering calculations 76410
Ohki, M. *see* Kurokawa, M. 77536
Ohki, N. *see* Shimizu, A. 84072
Ohki, Y., Asai, S. Anomalous discharging current in polymethylpentene 91183
Ohki, Y. *see* Asada, T. 64143
Ohki, Y. *see* Eunjoo Kim 64139
Ohki, Y. *see* Eunjoo Kim 64140
Ohki, Y. *see* Hasegawa, H. 112583
Ohki, Y. *see* Kim, E.J. 84702
Ohki, Y. *see* Li, Y. 115404
Ohkita, A. *see* Uemura, A. 92714
Ohkita, M. *see* Nawa, K. 104934
Ohkoshi, S. Prospects for NTT's computer network business 67801
Ohkouchi, S. *see* Ikoma, N. 105149
Ohkuba, S. *see* Nogami, G. 94642
Ohkubo, H. *see* Asakawa, M. 96555
Ohkubo, K. *see* Hoshino, T. 102054
Ohkubo, K. *see* Jinguji, M. 109193
Ohkubo, K. *see* Nakajima, T. 104238
Ohkubo, M., Shoji, A., Sakamoto, I., Hayashi, N., Koyanagi, M. Nb tunnel junctions as X-ray detectors 90244
Ohkubo, M. *see* Hayashi, N. 90120
Ohkubo, M. *see* Ikeda, N. 115155
Ohkubo, M. *see* Sakamoto, I. 90121
Ohkubo, M. *see* Takahashi, H. 73382
Ohkubo, M. *see* Yamamoto, A. 104069
Ohkubo, N., Kanematsu, K. Ferromagnetism of $Y_2(Fe_{1-y}Co_y)_{17-x}Al_x$ 64303
Ohkubo, N. *see* Kanematsu, K. 64304
Ohkubo, S. *see* Awaji, N. 84131
Ohkubo, S. *see* Ide, T. 115999
Ohkubo, S. *see* Imura, A. 69391
Ohkubo, S. *see* Ito, S. 118892
Ohkubo, S. *see* Nakanishi, T. 94793
Ohkubo, T., Kanazawa, S., Nomoto, Y., Chang, J.-S., Adachi, T. Time dependence of NO_x removal rate by a corona radical shower system 107810
Ohkubo, T. *see* Aizawa, K. 69285
Ohkubo, T. *see* Kuwano, H. 63982
Ohkubo, T. *see* Matsuyama, S. 69843
Ohkubo, T. *see* Uota, T. 78161
Ohkubo, Y. *see* Ochiai, Y. 62840
Ohkuma, J. *see* Homma, A. 69608
Ohkuma, S., Ichikawa, H., Yukutake, S., Endo, H., Kubouchi, S. A 5 ns cycle 1 Mb synchronous SRAM with a fast write technology 93356
Ohkuma, T. *see* Tasaki, K. 102263
Ohkuma, T. *see* Yazawa, T. 102053
Ohkura, K. *see* Ueyama, M. 84922
Ohkura, K. *see* Ueyama, M. 115896
Ohkura, S. *see* Sawada, H. 119511

Ohkura, Y., Kimura, S., Ihara, S. Effects of the screening and mirror charges on electron mobility in the subthreshold region of Si MOSFETs 95009
Ohkura, Y. *see* Murakami, R. 86051
Ohkuri, K., Ishizaki, J., Hara, S., Fukui, T. Multiatomic step formation on GaAs(001) vicinal surfaces during thermal treatment 62738
Ohl, G.L., Stein, J.L., Smith, G.E. Fundamental factors in the design of a fast-responding methanol-to-hydrogen steam reformer for transportation applications 91836
Ohl, M. *see* Oku, Y. 110935
Ohlberg, D.A.A. *see* Fleming, J.G. 74025
Ohlberg, D.A.A. *see* Malinowski, M.E. 74019
Ohlen, C. *see* Odmansson, E. 91000
Ohlen, M. Vibration analysis for diagnostic testing of power switches 121794
Ohlen, M., Dueck, B., Wernli, H. Dynamic resistance measurements–a tool for circuit breaker diagnostics 102907
Ohler, M. *see* Prieur, E. 105487
Ohletz, M.J. L^{2}RFM–local layout realistic faults mapping scheme for analogue integrated circuits 115288
Ohlidal, I. *see* Hlavka, J. 110410
Ohlmeyer, E.J. Root-mean-square miss distance of proportional navigation missile against sinusoidal target 80737
Ohlsen, H. *see* Hudner, J. 113502
Ohlsson, O. *see* Danzebrink, H.U. 99997
Ohlsson, R. *see* Wennerberg, A. 120360
Ohlsson, T. *see* Ryynanen, S. 64023
Ohm, D.Y. Control methods of a high performance PM synchronous motor servo system 91471
Ohm, S.Y., Blough, D.M., Kurdahi, F.J. High-level synthesis of recoverable microarchitectures 73184
Ohmacht, T. *see* Meyer, M. 117876
Ohmagari, S. *see* Ikuina, K. 94139
Ohman, M. *see* Hobbs, B.F. 70833
Ohmart, D., Tharp, D. Development of a high-density, high performance UltraSPARC-I BGA test contactor 61934
Ohmaru, H. *see* Hashimoto, K. 84736
Ohmaru, M., Yokoyama, T., Mizutani, K., Nagai, K. Transducer arrays for rapid data acquisition of ultrasonic diffraction tomography 90310
Ohmatsu, H. *see* Kubo, M. 101311
Ohmatsu, H. *see* Tozaki, T. 101264
Ohmatsu, H. *see* Ukai, Y. 101265
Ohmi, K. *see* Hirata, K. 89831
Ohmi, K. *see* Ohmi, T. 63408
Ohmi, T. Non-repeatable runout of ball-bearing spindle-motor for 2.5″ HDD 64399
Ohmi, T. Total room temperature wet cleaning of silicon surfaces 114922
Ohmi, T. Total room temperature wet cleaning for Si substrate surface 114972
Ohmi, T., Okada, Y., Yabune, T., Ohmi, K. Highly reliable thin SiO$_2$ film formation technology 63408
Ohmi, T. *see* Aharoni, H. 114689
Ohmi, T. *see* Ino, K. 60563
Ohmi, T. *see* Matsuura, T. 63351
Ohmi, T. *see* Messoussi, R. 63340
Ohmi, T. *see* Nakada, A. 94626
Ohmi, T. *see* Shibata, T. 62113
Ohmi, T. *see* Shibata, T. 73611
Ohminami, M. *see* Monden, M. 98994
Ohmine, H., Sunahara, Y., Matsunaga, M. A TM$_{21}$ mode annular-ring microstrip antenna for personal satellite communication use 118933
Ohmori, A. *see* Narikiyo, T. 112885
Ohmori, C., Adachi, T., Kawakubo, T., Kihara, M., Yamane, I. Space charge effects in the KEK-Booster synchrotron 90025
Ohmori, C. *see* Caussyn, D.D. 119984
Ohmori, C. *see* Phelps, R.A. 119990
Ohmori, H. Ultraprecision grinding of optical materials and components applying ELID (electrolytic in-process dressing) 72262
Ohmori, H., Shoji, M., Kobayashi, T., Yamamoto, T., Sugiyama, Y., Hayashi, K., Hono, K. Soft magnetic properties of nanocrystalline FeRuGaSi-Hf alloy films and head characteristics for the embedded thin film tape head 75099
Ohmori, H. *see* Hashimoto, K. 104672
Ohmori, H. *see* Kotosaka, S. 109688
Ohmori, H. *see* Shoji, M. 115665
Ohmori, J. *see* Moriyama, H. 95589
Ohmori, K. *see* Abe, K. 90317
Ohmori, K. *see* Matsumaru, K. 68917
Ohmori, M. *see* Far, B.H. 109300
Ohmori, M. *see* Jilong Hua 118729
Ohmori, S. *see* Isobe, S. 68343
Ohmori, T. *see* Nonomura, S. 94382
Ohmori, Y., Hironaka, Y., Yoshida, M., Fujii, A., Yoshino, K. Enhancement of electroluminescence intensity from dye-doped poly(3-alkylthiophene) light emitting diode with different alkyl-side-chain length 96018
Ohmori, Y., Morishima, C., Fujii, A., Yoshida, M., Yoshino, K. Novel optical and electroluminescent characteristics of organic multiple quantum well structure utilizing fluorescent dye molecules 75741
Ohmori, Y., Yoshida, M., Fujii, A., Yoshino, K. Anisotropic polarization and time dependent characteristics in electroluminescent diode with organic multiple-quantum-well structure utilizing organic dye materials 85289
Ohmori, Y. *see* Abe, M. 64796
Ohmori, Y. *see* Abe, M. 106828
Ohmori, Y. *see* Fujii, A. 85302
Ohmori, Y. *see* Fujii, A. 96017
Ohmori, Y. *see* Hattori, K. 116434
Ohmori, Y. *see* Koga, M. 99553
Ohmori, Y. *see* Okamoto, K. 95794
Ohmori, Y. *see* Okamoto, K. 99474
Ohmori, Y. *see* Takada, K. 106846
Ohmori, Y. *see* Yamada, H. 99549
Ohmori, Y. *see* Yoshida, M. 96008
Ohmoto, R. *see* Ohtsuka, H. 98923
Ohmoto, T. *see* Unno, Y. 80035
Ohmoto, T. *see* Unno, Y. 100858
Ohmura, G. *see* Kudoh, T. 120269
Ohmura, M., Deki, H., Yamashita, K., Miyazaki, S., Hirose, M. Implication of subband broadening in the quantum well of a-Si:H/a-Ge:H multilayers 94283
Ohmura, T., Hiota, T., Nakanishi, M., Oka, H. Design and implementation of the video network server 68857
Ohn, M. *see* LeBlanc, M. 110192
Ohn, M.M., Alavie, A.T., Maaskant, R., Xu, M.G., Bilodeau, F., Hill, K.O. Dispersion variable fibre Bragg grating using a piezoelectric stack 116027
Ohn, M.M. *see* Xu, M.G. 116018
Ohnaka, K. *see* Kaneda, A. 90564
Ohnawa, Y. *see* Takao, M. 118325
Ohnesorge, B. *see* Adler, F. 114784
Ohnesorge, K.W., Sennhauser, R. Parameterized Markov models for efficient compression of grayscale images 86761
Ohnishi, H. Color TFEL devices grown by sputtering 89374
Ohnishi, H., Yashiro, Z., Ushiki, T. ATM and frame relay switching hardware of the next-generation communications switching system 98992
Ohnishi, H. *see* Fujita, K. 61295
Ohnishi, H. *see* Hirai, M. 82607
Ohnishi, H. *see* Hiramatsu, K. 82729
Ohnishi, H. *see* Watanabe, T. 61285
Ohnishi, J., Kawakami, M., Fujii, K., Matsui, S., Kumagai, N. Results of magnetic field measurements of SPring-8 magnets 100646
Ohnishi, J., Matsui, K. Embedding a seal into a picture under orthogonal wavelet transform 98102
Ohnishi, J. *see* Matsui, K. 77499
Ohnishi, J. *see* Wake, M. 95591
Ohnishi, K., Nakayama, K. A neural demodulator for quadrature amplitude modulation signals 108112
Ohnishi, K., Takahashi, Y., Imaki, S., Okada, K., Yoshikawa, M. A slanted etching method to analyze the trapped charge distribution in the insulators of MIS structures 95207
Ohnishi, K., Tomikawa, Y., Kusakabe, C., Aoyagi, M. Ultrasonic actuator using orthotropic composite materials 102765
Ohnishi, K. *see* Minamide, H. 86996
Ohnishi, K. *see* Okumura, Y. 109237
Ohnishi, K. *see* Satoh, A. 110097
Ohnishi, K. *see* Shiba, T. 63638
Ohnishi, K. *see* Tomikawa, Y. 84717
Ohnishi, K. *see* Yoshikawa, M. 84008
Ohnishi, M. *see* Inaba, N. 82992
Ohnishi, M. *see* Nakaji, K. 71694
Ohnishi, N., Kumaki, K., Yamamura, T., Tanaka, T. Separating real and virtual objects from their overlapping images 67317
Ohnishi, N., Sugie, N. Visual-auditory interfaces for machines that serve humans 77386
Ohnishi, N. *see* Barros, A.K. 93544
Ohnishi, N. *see* Jie Huang 110466
Ohnishi, N. *see* Jun Yang 67443
Ohnishi, N. *see* Jun Yang 87074
Ohnishi, N. *see* Matsuhisa, Y. 87063
Ohnishi, N. *see* Sasaki, T. 76260
Ohnishi, N. *see* Takeuchi, Y. 86650
Ohnishi, N. *see* ZengFu Wang 87030
Ohnishi, T. Multiple single-phase PWM inverter by means of combination control 81541
Ohnishi, T. *see* Lemmer, U. 64985
Ohnishi, T. *see* Okamoto, S. 75477
Ohnishi, T. *see* Okamoto, S. 75478
Ohnishi, T. *see* Okamoto, S. 81089
Ohnishi, T. *see* Okamoto, S. 81090
Ohnishi, T. *see* Yoshino, K. 106650
Ohniwa, K. *see* Ohnuki, T. 112406
Ohno, H., Matsukura, F., Munekata, H., Iye, Y., Nakahara, J. Temperature dependence of anomalous Hall effect and magnetism of (In,Mn)As/(Al,Ga)Sb heterostructures 62801
Ohno, H., Shen, A., Matsukura, F., Oiwa, A., Endo, A., Katsumoto, S., Iye, Y. (Ga,Mn)As: a new diluted magnetic semiconductor based on GaAs 83884
Ohno, H. *see* Aizawa, K. 69285
Ohno, H. *see* Ebizuka, K. 111761
Ohno, H. *see* Gwo, S. 84108
Ohno, H. *see* Konishi, H. 69911
Ohno, K., Goto, H., Tsukahara, M., Ohta, K., Haruki, T., Kato, K. Development of 8 Mbit Synchronous Graphics RAM 73380
Ohno, K., Nakagawa, H., Kusonoki, T. A high-picture-quality large-area color display improved by the application of ultrafine-pigment color filters 89409
Ohno, K. *see* Adachi, F. 118939
Ohno, K. *see* Dohi, T. 118865
Ohno, K. *see* Dohi, T. 118940
Ohno, K. *see* Higashi, A. 98413
Ohno, K. *see* Kojima, M. 82770
Ohno, K. *see* Nakano, E. 68067
Ohno, K. *see* Suehiro, J. 75010
Ohno, K. *see* Suehiro, J. 115399
Ohno, K. *see* Tabuchi, H. 70440
Ohno, M. *see* Hayashi, T. 83124
Ohno, M. *see* Yamamoto, K. 84682
Ohno, R., Aida, H., Saito, T. Conditions for synchronization in multimedia remote presentation systems 78225
Ohno, R. *see* Nishiguchi, M. 119161
Ohno, S. *see* Anzaki, T. 84389
Ohno, T. Theoretical study of atomic structures and dynamics on semiconductor surfaces 61240
Ohno, T. *see* Kawase, D. 105588
Ohno, T. *see* Koibuchi, K. 102675
Ohno, T. *see* Ohya, A. 80689
Ohno, T. *see* Okabe, S. 102796
Ohno, Y. Realization of NIST 1995 luminous flux scale using the integrating sphere method 71890
Ohno, Y., Foley, M., Sakaki, H. Magnetotransport and interlayer-edge channel tunneling of two-dimensional electrons in a double-quantum-well system 105332
Ohno, Y., Jackson, J.K. Characterization of modified FEL quartz-halogen lamps for photometric standards 88906
Ohno, Y., Sakaki, H. Gate-controlled modulation of electronic states and conductance in coupled quantum wells having an in-plane periodic potential 62990
Ohno, Y., Sakaki, H. Suppression of resonant tunneling in a coupled quantum well 105361
Ohno, Y. *see* Fujii, M. 61824
Ohno, Y. *see* Kunihiro, K. 106057
Ohno, Y. *see* Takahashi, S. 89393
Ohno, Y. *see* Takai, M. 61875
Ohno, Y. *see* Tsukude, M. 73326
Ohno, Y. *see* Yamaguchi, S. 92270
Ohno, Y. *see* Yamaguchi, S. 94138
Ohnoki, N. *see* Hatori, N. 107354
Ohnstad, T. *see* Thorvaldsson, B. 70849
Ohnstein, T. *see* Guckel, H. 91558
Ohnuki, H. *see* Shiraishi, K. 84997
Ohnuki, S. *see* Ohta, N. 75231
Ohnuki, T., Miyashita, O., Haneyoshi, T., Ohtsuji, E. High power factor PWM rectifiers with an analog pulsewidth prediction controller 71489
Ohnuki, T., Miyashita, O., Ohniwa, K. A maximum-power tracking method of photovoltaic power generators using a genetic algorithm 112406
Ohnuki, T. *see* Ishizaki, O. 64427
Ohnuma, K. *see* Kang, J. 78599
Ohnuma, S., Fujimori, H., Mitani, S., Masumoto, T. High-frequency magnetic properties in metal-nonmetal granular films 64286
Ohnuma, T., Sato, J., Sugiura, T. Superconducting plasmas from SC active antennas 84931
Oho, E., Ogashiwa, T. A natural color scanning electron microscopy image 98296
Oho, S. *see* Komachiya, M. 100050
Ohono, T. *see* Okabe, S. 121543
Ohr, S. Analog EDA vendors work to close the gap with digital tools 73018
Ohr, S. Multimedia is still a home game 78160
Ohr, S. New-generation radar processing depends on fast A-D converters 109736
Ohrband, W. *see* Jian Xie 112487
Ohrn, K. *see* Sternad, M. 66839
Ohsaka, K. *see* Noda, Y. 81358
Ohsaki, H., Murata, M., Suzuki, H., Ikeda, C., Miyahara, H. Analysis of rate-based congestion control algorithms for ATM networks. 1. Steady state analysis 77606
Ohsaki, H., Murata, M., Suzuki, H., Ikeda, C., Miyahara, H. Analysis of rate-based congestion control algorithms for ATM networks. Part 2. Initial transient state analysis 77662
Ohsaki, H., Murata, M., Suzuki, H., Ikeda, C., Miyahara, H. Performance evaluation of rate-based congestion control algorithms in multimedia ATM networks 77668
Ohsaki, H., Wakamiya, N., Murata, M., Miyahara, H. Performance of an asynchronous transfer mode local area network switch with backpressure function: maximum throughput analysis 109010
Ohsaki, H. *see* Hasegawa, G. 77987
Ohsaki, H. *see* Kitahara, H. 91903
Ohsaki, H. *see* Ohashi, S. 91902
Ohsaki, O. *see* Arata, M. 95596
Ohsaki, T. Toshiba enhances negative electrodes in lithium ion batteries 112249
Ohsaki, T. *see* Satoh, A. 81670
Ohsaki, T. *see* Takami, N. 112239
Ohsaki, T. *see* Tatsumi, K. 81666
Ohsaki, T. *see* Zaghib, K. 81668
Ohsaki, Y., Nakamura, R. Adaptive determination of maximum diameter of raindrops from Z$_{DR}$ 90791
Ohsawa, H. *see* Hayakawa, Y. 92666
Ohsawa, H. *see* Saito, F. 73412
Ohsawa, I., Kimpara, I., Kageyama, K., Suzuki, T., Yamashita, A. AE characterization of compressive residual strength of impact-damaged CFRP laminates 61484
Ohsawa, M. *see* Nakamoto, M. 102516
Ohsawa, S. *see* Hayakawa, K. 96456
Ohsawa, S. *see* Tanaka, N. 69283

Ohsawa, T., Kinura, O., Rabata, T., Katagiri, N., Fujii, T., Hayashi, Y. Polymer film battery using new type electrode 81704
Ohsawa, T., Maguire, G.Q., Jr. A capacity effect of bridging functionality applied to wireless packet datalink 98674
Ohsawa, T. *see* Okanoue, K. 118086
Ohsawa, Y. *see* Hirota, A. 81362
Ohsawa, Y. *see* Matsumoto, H. 81333
Ohsawa, Y. *see* Mitsui, H. 79765
Ohsawa, Y. *see* Nambu, M. 70721
Ohsawa, Y. *see* Nambu, M. 91017
Ohshige, T. *see* Miyamoto, T. 89234
Ohshima, A., Mizutani, Y., Matuzawa, H. High-T_c bulk superconductor lenses (Supertrons) in cascade operation 90067
Ohshima, E. *see* Kurioka, T. 109949
Ohshima, H. Status and prospects of poly-Si TFT technology 89310
Ohshima, H., Okuda, H., Enami, K., Tokumaru, H. Tapeless and tape recording technologies for desktop program production 68929
Ohshima, H. *see* Hashizume, T. 89266
Ohshima, H. *see* Matsuo, M. 89373
Ohshima, I. *see* Inoue, T. 81526
Ohshima, K. *see* Murayama, A. 75088
Ohshima, K. *see* Suetsugu, Y. 100409
Ohshima, K. *see* Suetsugu, Y. 110484
Ohshima, N. *see* Hosono, K. 62101
Ohshima, N. *see* Saito, M. 98645
Ohshima, S. *see* Baba, S. 88616
Ohshima, S. *see* Ikegami, T. 76130
Ohshima, S. *see* Ikegami, T. 76172
Ohshima, S. *see* Kamitani, A. 84883
Ohshima, S. *see* Katagiri, A. 102603
Ohshima, S. *see* Mizuochi, G. 84884
Ohshima, S. *see* Nakamura, H. 102602
Ohshima, S. *see* Slyusarev, S. 85707
Ohshima, T., Kiehl, R.A. Operation of bistable phase-locked single-electron tunneling logic elements 95081
Ohshima, T., Yoshikawa, M., Itoh, H., Takahashi, T., Okumura, H., Yoshida, S., Nashiyama, I. Effects of gamma-ray irradiation and thermal annealing on electrical characteristics of SiC MOSFETs 106043
Ohshima, T. *see* Kiehl, R.A. 103912
Ohshima, T. *see* Kimura, T. 95042
Ohshima, T. *see* Mizuno, T. 116569
Ohshima, T. *see* Yoshikawa, M. 84008
Ohshima, T. *see* Yoshikawa, M. 105515
Ohshiro, T. *see* Yukawa, M. 121890
Ohshita, A. *see* Hata, K. 73973
Ohshita, S. Super-high-aperture-rate technology delivers excellent performance color TFT LCD 69406
Ohsie, D. *see* Yemini, S.A. 67674
Ohska, T.K., Sasaki, A., Murakami, T., Komenou, K., Seino, M., Doi, M., Hamatsu, R., Chiba, M., Yoshida, N., Ishiyama, H. Radiation resistance of a Mach-Zehnder optomodulator for analog signal transmission 100980
Ohsugi, T. *see* Dubbs, T. 80026
Ohsugi, T. *see* Dubbs, T. 100839
Ohsugi, T. *see* Dubbs, T. 100849
Ohsugi, T. *see* Kohriki, T. 80039
Ohsugi, T. *see* Unno, Y. 80035
Ohsugi, T. *see* Unno, Y. 100858
Ohsumi, K. *see* Sakai, S. 91304
Ohta, A., Noya, A., Takeyama, M., Taguchi, M., Sase, T., Sasaki, K. Preparation of Ta$_2$Al intermetallic compound films and their application as diffusion barriers to Cu penetration 94827
Ohta, A. *see* Morigaki, K.-I. 112218
Ohta, A. *see* Shimada, M. 68016
Ohta, A. *see* Takeyama, M. 63145
Ohta, A. *see* Uchida, M. 102965
Ohta, C. *see* Kanazawa, A. 99299
Ohta, C. *see* Ueno, Y. 98362
Ohta, D. *see* Sakai, M. 81909
Ohta, H., Yamaguchi, T. Linear fractional goal programming in consideration of fuzzy solution 72557
Ohta, H. *see* Kimura, S. 79680
Ohta, H. *see* Miura, H. 74752
Ohta, I., Kawai, T., Kokubo, Y. A power-combining system of four oscillators using an eight-port hybrid 114295
Ohta, I. *see* Kawai, T. 114208
Ohta, J. *see* Freeman, W.T. 117885
Ohta, J. *see* Funatsu, E. 87247
Ohta, K., Hayashi, K., Matsuda, H., Toyoguchi, Y., Ikoma, M. Nickel hydroxide electrode: improvement of charge efficiency at high temperature 71664
Ohta, K., Kato, N., Sone, H., Mansfield, G., Nemoto, Y. Problems in management information retrieval for high-speed networks and a proposed solution 109234
Ohta, K., Saeki, M., Matsui, N. Automatic analysis of a weaving design 108723
Ohta, K. *see* Ikoma, M. 71669
Ohta, K. *see* Liu, W.H. 120556
Ohta, K. *see* Mansfield, G. 87595
Ohta, K. *see* Ohno, K. 73380
Ohta, K. *see* Okumura, H. 105138
Ohta, K. *see* Satoh, K. 81546
Ohta, K. *see* Shima, N. 116893
Ohta, M. Automatization of face-reading 86957
Ohta, M., Kondol, K., Oh-E, M. Wide viewing-angle displays with in-plane switching mode of nematic LCs addressed by TFTs 119814
Ohta, M., Oami, R. Lossless DCT picture coding 117834
Ohta, M. *see* Kawachi, G. 89388
Ohta, M. *see* Nakasako, N. 76896
Ohta, M. *see* Rossetti, F. 86628
Ohta, M. *see* Taksaki, Y. 78201
Ohta, M. *see* Uchida, M. 92678
Ohta, M. *see* Yahata, Y. 87104
Ohta, M. *see* Yamata, A. 117554
Ohta, N. Optical flow detection using a general noise model 97906
Ohta, N. Uncertainty models of the gradient constraint for optical flow computation 97907
Ohta, N., Morisaki, M., Tsuji, H. Regional community network system 98700
Ohta, N., Shimazaki, K., Yoshihiro, M., Nagai, N., Ohnuki, S. Magnetic parameter control for high-density quadrivalued MO recording 75231
Ohta, N. *see* Hayashi, K. 77843
Ohta, N. *see* Irie, K. 118429
Ohta, N. *see* Ishizaki, O. 64427
Ohta, N. *see* Mizuseki, H. 115835
Ohta, N. *see* Sakai, S. 91304
Ohta, N. *see* Suzuki, S. 68255
Ohta, N. *see* Tsuji, H. 118670
Ohta, N. *see* Yamada, K. 78173
Ohta, R. Recent achievements in MOEM systems at MMC 95234
Ohta, S. *see* Mitsui, T. 105183
Ohta, T., Sugawara, Y., Morita, S. Feasibility study on a novel type of computerized tomography based on scanning probe microscope 120287
Ohta, T. *see* Ichii, M. 84956
Ohta, T. *see* Inouye, Y. 117126
Ohta, T. *see* Issiki, F. 62957
Ohta, T. *see* Kakuda, Y. 67891
Ohta, T. *see* Kawarasaki, Y. 67649
Ohta, T. *see* Kobayashi, Y. 98560
Ohta, T. *see* Kuroki, Y. 97461
Ohta, T. *see* Kuroki, Y. 98075
Ohta, T. *see* Mochizuki, J. 89385
Ohta, T. *see* Tsuboi, S. 74657
Ohta, Y. *see* Goto, M. 62260
Ohta, Y. *see* Kubozono, T. 105816
Ohta, Y. *see* Mukaigawa, Y. 87131
Ohta, Y. *see* Nakamura, Y. 86403
Ohta, Y. *see* Satoh, K. 86847
Ohta, Y. *see* Yamamoto, K. 78534
Ohta Ken *see* Ken Ohta
Ohtaka, S. *see* Sakamoto, K. 105992
Ohtake, F. *see* Deura, M. 84593
Ohtake, H. *see* Samukawa, S. 84121
Ohtake, H. *see* Yokozawa, A. 74551
Ohtake, I. *see* Satow, T. 95514
Ohtake, K. *see* Kuroyanagi, N. 86041
Ohtaki, H. *see* Fukuda, Y. 110959
Ohtani, A., Igarashi, K. A comparison of ionospheric total electron content measurements with two kinds of GPS receivers 80650
Ohtani, A., Nagayama, M., Igarashi, K., Seok-Hee Bae Oblique ionospheric sounding experiments between Japan and Korea by Digisonde DGS-256 76437
Ohtani, A. *see* Kato, H. 70482
Ohtani, A. *see* Nagayama, M. 80636
Ohtani, F. *see* Yaji, T. 104169
Ohtani, J. *see* Dosaka, K. 61894
Ohtani, J. *see* Dosaka, K. 93377
Ohtani, K. *see* Wado, H. 72849
Ohtani, K. *see* Young-Chul Jung 61257
Ohtani, N., Mimura, H., Tominaga, K., Hosoda, M., Watanabe, T., Tanaka, G., Fujiwara, K. Anomalously delayed carrier transport in GaAs/AlAs thin-barrier superlattices 63080
Ohtani, N. *see* Hosoda, M. 83957
Ohtani, N. *see* Mimura, H. 94510
Ohtani, N. *see* Onoue, K. 61146
Ohtani, N. *see* Onoue, K. 103821
Ohtani, N. *see* Takahashi, J. 103826
Ohtani, R. *see* Kitamura, T. 105733
Ohtani, T., Ogishima, R., Takubo, Y. Response time improvement of TFT-LCDs by capacitively coupled driving 100235
Ohtani, T. *see* Tasaki, T. 73296
Ohtani, Y. *see* Koyanagi, K. 95535
Ohtani, Y. *see* Nagai, Y. 98963
Ohteru, S., Inoue, K. Optical time-division multiplexer utilizing a modulation signal supplied to optical modulators as a reference 98973
Ohto, K. *see* Ueno, K. 74634
Ohtomo, A. *see* Ida, J. 74617
Ohtomo, K. *see* Jongen, Y. 101424
Ohtomo, K. *see* Qiu, J. 115448
Ohtomo, K. *see* Tani, J. 92972
Ohtomo, M. *see* Yanagawa, S. 114282
Ohtomo, N. *see* Ninomiya, S. 101276
Ohtomo, T., Miyashita, K., Takahashi, K., Hori, S., Watanabe, H., Yamamoto, E., Uno, M., Inoe, M. 4-inch diagonal wide aspect, wide viewing angle TFT-LCD 100233
Ohtomo, Y., Mizusawa, T., Nishimura, K., Sawada, H., Ino, M. A quarter-micron SIMOX-CMOS LVTTL-compatible gate array with an over 2,000 V ESD-protection circuit 104516
Ohtomo, Y., Nogawa, M., Ino, M. A 2.6-Gbps/pin SIMOX-CMOS low-voltage-swing interface circuit 63942
Ohtsu, K. *see* Shimamoto, S. 95590
Ohtsu, K. *see* Wakano, M. 67929
Ohtsu, M., Minami, K., Esashi, M. Fabrication of packaged thin beam structures by an improved drying method 74938
Ohtsu, M. *see* Matsumoto, T. 119701
Ohtsu, M. *see* Mononobe, S. 119702
Ohtsu, M. *see* Saiki, T. 69214
Ohtsu, M. *see* Saiki, T. 94455
Ohtsu, M. *see* Saitoh, T. 109657
Ohtsu, M. *see* Tanaka, K. 76118
Ohtsu, M. *see* Tanaka, K. 84930
Ohtsu, M. *see* Toda, Y. 94499
Ohtsu, S., Muroyama, S., Yamamoto, K. A compact, high-efficiency and high-power-factor rectifier for telecommunications systems 71443
Ohtsu, S., Ujiie, K., Yamaguchi, S. EMC analysis system: ACCUFIELD 107950
Ohtsu, S. *see* Takeuchi, A. 102879
Ohtsu, S. *see* Takeuchi, A. 121725
Ohtsu, T., Kushida, N., Kawakami, K., Iwakura, T., Kodama, N., Narishige, S. Off-track performance of pseudo side erasing wraparound heads for disk drive application 115734
Ohtsubo, J. *see* Xin Lin 86895
Ohtsubo, K. *see* Maeda, H. 72785
Ohtsubo, T. *see* Takeda, N. 87946
Ohtsubo, Y. *see* Takayama, J. 78757
Ohtsuji, E. *see* Ohnuki, T. 71489
Ohtsuka, H., Ichikawa, H., Ohmoto, R., Shimizu, T., Arai, H. Fiber-oriented wireless access system "MOST" 98923
Ohtsuka, H. *see* Matsuoka, T. 105945
Ohtsuka, K., Nishida, M., Morioka, Y., Yachida, K. A decentralized control system for stabilizing multimachine power systems 101836
Ohtsuka, K., Suzuki, K., Sawabe, A., Inuzuka, T. Epitaxial growth of diamond on iridium 103918
Ohtsuka, K. *see* Imaizumi, M. 74200
Ohtsuka, K. *see* Imaizumi, M. 75964
Ohtsuka, K. *see* Kahara, T. 71206
Ohtsuka, K. *see* Yamane, K. 121549
Ohtsuka, K.I. *see* Endoh, Y. 62757
Ohtsuka, M., Konishi, Y., Matsunaga, M., Katagi, T. A linear array antenna using bifilar helical elements for mobile satellite communications 76657
Ohtsuka, M., Shimomura, T. Sensor characteristic stabilization method for an optical voltage sensor 119662
Ohtsuka, M. *see* Hori, K. 83563
Ohtsuka, M. *see* Suzuki, K. 93811
Ohtsuka, M. *see* Suzuki, K. 115918
Ohtsuka, N. *see* Atsumi, S. 73349
Ohtsuka, S., Tsunetomo, K., Koyama, T., Tanaka, S. Embedment of gold and CdTe particles in glass matrix and their nonlinear optical properties 76231
Ohtsuka, S. *see* Choi, B.-J. 75372
Ohtsuka, S. *see* Tsunetomo, K. 76232
Ohtsuka, Y., Kamada, M., Tanaka, S. Correlation-induced spectral changes dependent upon spatio-temporal interference effects 100362
Ohtsuka, Y. *see* Kanai, H. 115705
Ohtsuka, Y. *see* Mutoh, H. 115799
Ohtsuka, Y. *see* Nishida, Y. 68879
Ohtsuka, Y. *see* Oka, K. 85220
Ohtsuka, Y. *see* Watanabe, T. 83186
Ohtsuki, J. *see* Kusunoki, A. 71198
Ohtsuki, K. *see* Nakanishi, H. 110295
Ohtsuki, N. *see* Miyanaga, Y. 97800
Ohtsuki, T., Honkanen, S., Peyghambarian, N., Takahashi, M., Kawamoto, Y., Ingenhoff, J., Tervonen, A., Kadono, K. Evanescent-field amplification in Nd^{3+}-doped fluoride planar waveguide 116091
Ohtsuki, T., Sasase, I., Mori, S. Tight lower bounds on capacity and cutoff rate of DOPPM in optical direct-detection channel 68390
Ohtsuki, T., Sasase, I., Mori, S. Cutoff rate analysis of overlapping multi-pulse pulse position modulation (OMPPM) in optical direct-detection channel 117131
Ohtsuki, T., Sasase, I., Mori, S. Access timing controlled direct-detection optical CDMA systems with PPM signaling 118071
Ohtsuki, T., Sato, K., Sasase, I., Mori, S. Direct-detection optical synchronous CDMA systems with double optical hard-limiters using modified prime sequence codes 87371
Ohtsuki, T. *see* Asano, M. 99536
Ohtsuki, T. *see* Gamachi, Y. 87372
Ohtsuki, T. *see* Gamachi, Y. 99525
Ohtsuki, T. *see* Ikezoe, H. 100991
Ohtsuki, T. *see* Sato, K. 109650
Ohtsuki, Y. *see* Ioi, K. 121519
Ohtsuki, Y. *see* Sasae, K. 91700
Ohtsuta, K. *see* Imura, A. 69391
Ohuchi, C. *see* Funada, M. 93906
Ohuchi, C. *see* Hase, Y. 108080
Ohuchi, C. *see* Takeuchi, M. 68258
Ohuchi, H., Nishida, M. On the origin of piezoelectric activity maximum in Pb(Mg$_{1/3}$Nb$_{2/3}$)O$_3$-PbTiO$_3$-PbZrO$_3$ ceramics 106332
Ohuchi, H. *see* Osada, T. 100332
Ohuchi, K., Habuchi, H., Hasegawa, T. Bit error rate performance of M-ary/SS communication systems using racing counters 99130
Ohuchi, K., Habuchi, H., Hasegawa, T. Theoretical analysis of M-ary/SS communication systems using racing counters and a Hadamard matrix 117914

Ohuchi, K., Nakajima, K., Sakurai, T., Hashimoto, H., Anma, Y., Ozaki, M. PCI macro for ASIC 78076
Ohuchi, K. *see* Fuse, T. 73250
Ohuchi, K. *see* Mizuno, T. 83997
Ohuchi, K. *see* Tasaki, T. 73296
Ohuchi, N. *see* Tsuchiya, K. 89626
Ohuchi, N. *see* Yamamoto, A. 89625
Ohuchi, T. *see* Hanna, J. 92875
Ohuchi, T. *see* Shimamoto, S. 95590
Ohuchi, T. *see* Tamura, T. 83007
Ohue, H. *see* Ishii, K. 75828
Ohura, M. *see* Ohishi, M. 74226
Ohura, Y., Furuse, M. Future aspect of power system protection 91216
Ohwada, K. *see* Mochida, Y. 119638
Ohwe, T., Watanabe, T., Yoneoka, S., Mizoshita, Y. A new integrated suspension for pico-sliders (picoCAPS) 115682
Ohya, A., Ohno, T., Yuta, S. Obstacle detectability of ultrasonic ranging system and sonar map understanding 80689
Ohya, A. *see* Isobe, T. 109225
Ohya, A. *see* Ohashi, G. 101317
Ohya, A. *see* Usui, K. 109914
Ohya, J. *see* Ebihara, K. 87155
Ohya, J. *see* Ebihara, K. 109180
Ohya, J. *see* Hata, K. 86642
Ohya, J. *see* Kishino, F. 87882
Ohya, J. *see* Moubaraki, L. 109181
Ohya, J. *see* Sakaguchi, T. 87130
Ohya, J. *see* Stoll, P.A. 108734
Ohya, K. *see* Kaneko, S. 101604
Ohya, N. *see* Idogaki, T. 71374
Ohya, N. *see* Maeda, H. 72785
Ohya, N. *see* Senda, K. 112167
Ohya, S. *see* Ohkawa, M. 73346
Ohya, S. *see* Sawada, K. 70949
Ohya, S. *see* Tanigawa, T. 93359
Ohya, T. *see* Miki, Y. 68283
Ohya, T. *see* Naka, N. 68280
Ohya, Y., Thapliya, R., Kodate, K., Kamiya, T. Preliminary experiments for an optical face recognition system 87240
Ohya, Y., Ueda, M., Takahashi, Y. Oxide thin film diode fabricated by liquid-phase method 113404
Ohyabu, N. *see* Satow, T. 95514
Ohyama, H., Suzuki, T., Nishi, K., Mitsuyu, T., Tomimasu, T. Free electron laser annealing of amorphous silicon carbide 84062
Ohyama, H., Vanhellemont, J., Simoen, E., Claeys, C., Takami, Y., Hayama, K., Hakata, T., Sunaga, H., Kobayashi, K. Influence of the substrate on the degradation of irradiated Si diodes 105880
Ohyama, H., Vanhellemont, J., Simoen, E., Claeys, C., Takami, Y., Hayama, K., Yoshimoto, K., Sunaga, H., Kobayashi, K. Substrate effects on the degradation of irradiated Si diodes 105874
Ohyama, H., Vanhellemont, J., Takami, Y., Hayama, K., Kudou, T., Kohiki, S., Sunaga, H., Hakata, T. Degradation of InGaAs pin photodiodes by neutron irradiation 116228
Ohyama, H., Vanhellemont, J., Takami, Y., Hayama, K., Sunaga, H., Poortmans, J., Caymax, M. Effect of radiation source on the degradation in irradiated Si$_{1-x}$Ge$_x$ epitaxial devices 84306
Ohyama, H., Vanhellemont, J., Takami, Y., Hayama, K., Sunaga, H., Poortmans, J., Caymax, M. Radiation source dependence of degradation and recovery of irradiated Si$_{1-x}$Ge$_x$ epitaxial devices 105873
Ohyama, H. *see* Nishi, K. 83901
Ohyama, H. *see* Unno, Y. 80035
Ohyama, H. *see* Unno, Y. 100858
Ohyama, K. *see* Ishii, S. 61950
Ohyama, N. *see* Kikuchi, S. 98080
Ohyama, N. *see* Yamaguchi, M. 85774
Ohyama, O., Hirade, T. Series of digital type protection and measuring apparatus, PACGEAR 121810
Ohyama, O. *see* Ueda, Y. 122033
Ohyama, T. *see* Akahori, Y. 78678
Ohyama, T. *see* Hatoh, H. 89240
Ohyama, T. *see* Mino, S. 64999
Ohyama, T. *see* Nakata, H. 61200
Ohyama, T. *see* Suchalkin, S. 69188
Ohyamaa, H., Hayama, K., Vanhellemont, J., Poortmans, J., Caymax, M., Takami, Y., Sunaga, H., Nashiyama, I., Uwatoko, Y. Degradation of Si$_{1-x}$Ge$_x$ epitaxial devices by proton irradiation 115145
Ohyu, S., Tanoue, T. A method to solve the magnetocardiographic inverse problem based on a ventricular excitation model 110799
Ohyun Kim *see* Sung-Keun Chang 63735
Ohzeki, K. International standard motion picture coding (MPEG) 67356
Ohzone, T., Matsuda, T., Hori, T. Erase/write cycle tests of n-MOSFETs with Si-implanted gate-SiO$_2$ 105946
Ohzone, T., Miyakawa, T., Yabu, T., Odanaka, S. Asymmetry and mismatch in CMOSFETs with source/drain regions fabricated by various ion-implantation methods 115358
Ohzone, T. *see* Iwata, H. 63532
Ohzone, T. *see* Matsuda, T. 95962
Ohzone, T. *see* Matsuda, T. 114827
Ohzu, H., Habara, K. Behind the scenes of virtual reality: vision and motion 66946
Ohzu, H. *see* Takaki, Y. 64827
Ohzu, H. *see* Takaki, Y. 86893
Oicles, J., Staskus, M., Brunemeier, P. High-power impulse generators for UWB applications 93184
Oida, K. *see* Yabuhara, Y. 92676
Oide, K. A mechanism of longitudinal single-bunch instability in storage rings 79898
Oide, K. *see* Alexandrof, V.A. 100628
Oide, K. *see* Bane, K.L.F. 89978
Oide, K. *see* Chao, A. 89871
Oide, K. *see* Chin, Y.H. 89973
Oide, K. *see* Fang, S.X. 79896
Oide, K. *see* Koiso, H. 100636
Oide, K. *see* Shintake, T. 89604
Oide, K. *see* Shintake, T. 100531
Oide, K. *see* Tenenbaum, P. 89675
Oide, K. *see* Tenenbaum, P. 89910
Oidram, R. *see* Annus, A. 102211
Oie, Y. *see* Kawahara, K. 77607
Oie, Y. *see* Kawahara, K. 87353
Oien, A.M. *see* McKinnie, I.T. 96165
Oien, G.E., Lepsoy, S. Analysis of a complexity reduction algorithm in fractal image coding 98116
Oien, K. *see* Rausand, M. 92326
Oikawa, A. *see* Piec, Z. 106721
Oikawa, H., Kohno, M., Mochizuki, A., Nashimoto, Y. The study of GaAs etching using BCl$_3$/SF$_6$ gas in ECR plasma 84122
Oikawa, H. *see* Horibata, Y. 90793
Oikawa, H. *see* Kanai, Y. 90789
Oikawa, H. *see* Kasai, H. 85634
Oikawa, H. *see* Kawanami, H. 76247
Oikawa, H. *see* Koike, J. 113522
Oikawa, H. *see* Komatsu, K. 72838
Oikawa, H. *see* Nagae, Y. 113513
Oikawa, H. *see* Sprengel, W. 113515
Oikawa, H. *see* Xuan-Ming Duan 85592
Oikawa, J. Outline of Series E3 EMU train for Akita Shinkansen 122035
Oikawa, K. *see* Yamada, M. 75867
Oing, S. *see* Keller, U. 65891
Oing, S. *see* Sabath, F. 62443
Oinonen, M. *see* Lhersonneau, G. 80145
Oishi, A. *see* Nakahara, K. 107312
Oishi, E. *see* Nakayama, T. 63771
Oishi, H., Okada, H., Ishizaka, K., Itoh, R. Single-phase buck-boost rectifier with improved supply current waveform 91627
Oishi, H. *see* Han, T.S. 117253
Oishi, H. *see* Itoh, R. 61630
Oishi, K., Matsuo, Y. Internal photoemission and photoconduction on GeO$_2$/Ge films 83803
Oishi, K. *see* Ando, D. 115465
Oishi, K. *see* Miyake, M. 66206
Oishi, M. *see* Furukawa, H. 118762
Oishi, M. *see* Furukawa, H. 118868
Oishi, N. *see* Yamazaki, Y. 81773
Oishi, R.T. *see* Shuvaev, A.P. 80585
Oishi, S. *see* Tanaka, H.-A. 73161
Oishi, T. *see* Akahori, N. 67719
Oishi, T. *see* Matsuo, Y. 102244
Oiwa, A. *see* Ohno, H. 83884
Oja, E., Valkealahti, K. Co-occurrence map: quantizing multidimensional texture histograms 77480
Oja, E. *see* Kalviainen, H. 82370
Ojaghi, S.G.M. *see* Lo, K.L. 121051
Ojala, L. *see* Pyssysalo, T. 119400
Ojala, M. *see* Schonberg, T. 99686
Ojala, T. *see* Yli-Rantala, E. 108588
Ojalvo, M. *see* Rust, C.A. 60643
Ojanpera, T. *see* Westman, T. 109266
Ojeda, R.G., de Azevedo, F.M., Barreto, J.M. Genetic algorithms in the optimal choice of neural networks for signal processing 101369
Ojeda-Castaneda, J. *see* De Leon, V. 117538
Ojeda-Castaneda, J. *see* Diaz-Santana, L. 117705
Ojeda-Castaneda, J. *see* Ley-Koo, E. 116016
Ojeda-Castaneda, J. *see* Silvestre, E. 116033
Ojha, A.K. Data acquisition experiments 103328
Ojha, P. *see* Rao, M.P.S. 75668
Ojha, S.P. *see* Misra, V. 97253
Ojha, S.P. *see* Sharan, P. 116061
Ojha, S.P. *see* Shukla, P.K. 75552
Ojha, S.P. *see* Sinha, S. 75432
Ojha, V.N., Bandyopadhyay, A.K., Suri, D.K., Kataria, N.D. Electromigration in Cu-Al films 105738
Ojima, Z. *see* Hisamune, K. 71070
Ojiri, K. *see* Tode, H. 78190
Ojo, O. Performance of self-excited single-phase induction generators with shunt, short-shunt and long-shunt excitation connections 111969
Ojo, O., Gonoh, B. A controlled stand-alone single-phase induction generator 111980
Ojo, O.A. *see* de Haan, G. 62037
Ojo, O.A. *see* De Haan, G. 68861
Ok Kim Chae *see* Chae Ok Kim
Ok Kwang Man *see* Kwang Man Ok
Ok Kyun Oh *see* Min Jang 109255
Ok Kyung Cho, Park, K.Y. Optical recording study of cyanine dye-TCNQ complexes 75419
Ok Shik Choe *see* Jin Won Park 89488
Oka, A. *see* Hasegawa, K. 78271
Oka, H. *see* Ohmura, T. 68857
Oka, H. *see* Yasuda, K. 88041
Oka, K. The temperature distribution measurement of the lump-image-furnace 119928
Oka, K., Higuchi, T. A three-degrees-of-freedom Maglev system with actuators and permanent magnets 103122
Oka, K., Kakaudate, S., Fukatsu, S., Nakahira, M., Taguchi, K., Horie, M., Tada, E., Shimamoto, S., Kondoh, M., Shibanuma, K., Haange, R. Mock-up tests of rail-mounted vehicle type in-vessel transporter/manipulator 102400
Oka, K., Kawada, S., Ohtsuka, Y. Nonlinear optical computing by use of partially coherent system 85220
Oka, K. *see* Hayashi, H. 96624
Oka, K. *see* Yano, N. 115549
Oka, M., Ling Yi Liu, Wiechmann, W., Taguchi, Y., Wada, H., Okamoto, T., Suganuma, H., Kubota, S. Progress in all-solid-state deep-ultraviolet coherent light sources 96698
Oka, M.M. *see* Aharoni, H. 114689
Oka, M.M. *see* Nakada, A. 94626
Oka, R. *see* Itoh, Y. 108223
Oka, R. *see* Kiyama, J. 108222
Oka, S. *see* Kitagawara, Y. 84570
Oka, S. *see* Kobayashi, H. 114010
Oka, S. *see* Matsuura, H. 83491
Oka, S.N. Research topics and priorities in energy production and utilization in Yugoslavia–today and in the future 111701
Oka, T. *see* Itoh, Y. 115883
Oka, T. *see* Tsuchimoto, M. 64516
Oka, Y. *see* Jen, J.Y. 62843
Oka, Y. *see* Matsumoto, K. 63819
Okabayashi, H., Kitamura, H., Komatsu, M., Mori, H. In-situ side-view observation of electromigration in layered Al lines by ultrahigh voltage transmission electron microscopy 115007
Okabayashi, H. *see* Shinzawa, T. 105740
Okabayashi, S. New human interface technology for automobiles –driver's visual perception of head-up displays (HUDs) image 71859
Okabayashi, S. What new automotive display technology wants: analysis from the ergonomical viewpoint 91924
Okabe, A., Kagawa, K., Okazaki, Y., Yaoi, T., Takiguchi, M., Sugawara, N., Ochiai, Y., Hashimoto, M., Negoro, Y., Kano, H., Hayashi, K. A narrow track MR head for high density tape recording 115712
Okabe, A. *see* Negoro, Y. 106637
Okabe, C. *see* Kanda, H. 83639
Okabe, K., Yamamoto, H., Tokuda, M., Higashi, K., Hikoso, K., Sugahara, S., Miyagawa, T., Okamoto, T. Development of VICS radio wave beacon in-vehicle unit 109409
Okabe, K. *see* Mizuno, M. 61853
Okabe, K. *see* Sano, Y. 74821
Okabe, M., Watanabe, I. Recent electrical and instrumentation systems for geothermal power plants 102500
Okabe, M. *see* Araki, T. 81498
Okabe, M. *see* Hara, K. 80005
Okabe, M. *see* Nishikiori, S. 120640
Okabe, M. *see* Noda, T. 113527
Okabe, M. *see* Suzuki, Y. 102497
Okabe, N. *see* Hamaya, N. 90247
Okabe, N. *see* Tokura, N. 63612
Okabe, N. *see* Wang, H. 99352
Okabe, S., Koto, M., Kobayashi, K., Endo, F. V-t characteristics on GIS spacer for very fast transient overvoltage 81618
Okabe, S., Koto, M., Nara, T., Suganuma, K., Takahashi, K. Study on deterioration characteristics of power capacitors with oil-impregnated paper-film 91703
Okabe, S., Ohno, T., Zaima, E., Kishi, A., Aono, K., Hosokawa, N. AC V-t and impulse V-N characteristics of shell-form transformer insulation model 102796
Okabe, S., Ohono, T., Hara, T., Makino, Y. Study on early detection of incipient faults in oil-filled transformers by analysis of dissolved gas in oil 121543
Okabe, S., Ono, T., Zaima, E., Aoyagi, H., Murase, H., Oshima, I. Deterioration characteristics of insulating spacer model in repeating impulse voltage 102897
Okabe, S., Zaima, E., Ishikawa, T., Yamagiwa, T. On-site detection of defect in GIS with PD measurement 81612
Okabe, S. *see* Ogino, F. 69228
Okabe, Y. *see* Kimura, H. 84898
Okada, A. A noncooperative coalitional bargaining game with random proposers 113088
Okada, A. *see* Tokito, S. 96010
Okada, A. *see* Tsuchimori, M. 65430
Okada, C., Kawai, Y., Morita, E., Saitoh, Y. Characterization of the direct bonding of silicon wafers after treatment in dilute HF solution 63203
Okada, H., Doke, T., Hasuike, K., Kikuchi, J., Masuda, K., Shinoda, M., Takahashi, T., Terasawa, K. Time stability of liquid xenon photoionization detectors 90146
Okada, H., Sato, T., Yamazato, T., Katayama, M., Ogawa, A. CDMA unslotted ALOHA systems with packet retransmission control 99105
Okada, H., Tanaka, K., Tamai, S., Tanaka, S. An 8-bit digital data driver for AMLCDs 83192
Okada, H., Tutinaga, Y., Itoh, R., Irie, F. Influence of magnetic linkage between coils of a module type SMES 91770
Okada, H., Watanabe, M., Onnagawa, H., Miyashita, K. Gray scale control for antiferroelectric liquid crystals under phase transition from ferroelectric state to antiferroelectric state 89349
Okada, H. *see* Choi, Y. 68027
Okada, H. *see* Itoh, R. 61630

Okada, H. *see* Itoh, R. 112427
Okada, H. *see* Kamiyama, N. 78117
Okada, H. *see* Kamiyama, N. 118161
Okada, H. *see* Kometani, Y. 116140
Okada, H. *see* Kubota, Y. 109942
Okada, H. *see* Oishi, H. 91627
Okada, H. *see* Sato, K. 103147
Okada, H. *see* Sato, T. 68034
Okada, H. *see* Sato, T. 78365
Okada, H. *see* Sato, T. 118941
Okada, H. *see* Sekiguchi, M. 98031
Okada, H. *see* SeokBeom Kim 95416
Okada, H. *see* Tsutsumi, K. 91773
Okada, H. *see* Ueno, Y. 98362
Okada, H. *see* Yamazato, T. 99310
Okada, I. *see* Itoh, K. 71245
Okada, I. *see* Itoh, K. 111894
Okada, I. *see* Kawada, M. 64048
Okada, K., Asano, H. A multi-area EDC with spot pricing and economic power interchange 70759
Okada, K., Maeda, F., Ichikawaa, Y., Matsushita, Y. Multiparty videoconferencing at virtual social distance: MAJIC design 67878
Okada, K., Tsujiuchi, J. Interferometry using a tunable laser diode 116786
Okada, K. *see* Duk-Kyu Park 68117
Okada, K. *see* Fujii, T. 73450
Okada, K. *see* Fujino, S. 68870
Okada, K. *see* Fukumoto, S. 99164
Okada, K. *see* Fukumoto, S. 99297
Okada, K. *see* Kimura, H. 88539
Okada, K. *see* Niwa, M. 105696
Okada, K. *see* Ohnishi, K. 95207
Okada, K. *see* Sagawa, Y. 78632
Okada, K. *see* Samejima, S. 109227
Okada, K. *see* Tode, H. 78190
Okada, K. *see* Yamazato, T. 68069
Okada, K.-I., Ichikawa, Y., Jeong, G., Tanaka, S., Matsushita, Y. Design and evaluation of MAJIC videoconferencing system 118539
Okada, M. Modern trends of laser application for cardiovascular diseases 110902
Okada, M., Fukushima, K., Tanaka, K., Kumakura, H., Togano, K., Kiyoshi, T., Inoue, K. Relaxation of trapped magnetic field in a Bi-2212/Ag solenoidal coil with persistent current switch 75365
Okada, M., Nishio, K. Bistability and optical switching in a polarization-bistable laser diode 116475
Okada, M., Tanaka, K., Fukushima, K., Sato, J., Kitaguchi, H., Kumakura, H., Kiyoshi, T., Inoue, K., Togano, K. Bi-2212/Ag superconducting insert magnet for high magnetic field generation over 22 T 75364
Okada, M., Tanaka, K., Inoue, N., Fukushima, K., Sato, J.I., Higashiyama, K. Fabrication and superconducting properties of Bi-2212/Ag multifilamentary composite tape and coil 84867
Okada, M. *see* Arai, S. 79811
Okada, M. *see* Fukushima, K. 91774
Okada, M. *see* Fukushima, K. 115957
Okada, M. *see* Hara, S. 77014
Okada, M. *see* Hara, S. 99233
Okada, M. *see* Ide, T. 115999
Okada, M. *see* Kuriyama, K. 114627
Okada, M. *see* Maki, N. 115894
Okada, M. *see* Mimura, K. 73334
Okada, M. *see* Morimoto, M. 68290
Okada, M. *see* Morimoto, M. 78634
Okada, M. *see* Nakasuji, K. 113528
Okada, M. *see* Nonaka, S. 67431
Okada, M. *see* Ogawa, M. 106888
Okada, M. *see* Okada, T. 68250
Okada, M. *see* Osawa, H. 117259
Okada, M. *see* Saito, K. 64195
Okada, M. *see* Sasa, K. 100757
Okada, M. *see* Shiomi, S. 84818
Okada, M. *see* Toyama, M. 78428
Okada, M. *see* Urahama, K. 76673
Okada, N., Nagata, T. A range finder with two cameras and a laser slit marker and its calibration 96858
Okada, O. *see* Numajiri, K. 104155
Okada, O. *see* So Won Kim 104156
Okada, R., Keller, S. Configuring an off-the-shelf PFC supply 82924
Okada, S. *see* Hiwa, N. 91927
Okada, S. *see* Kasai, H. 85634
Okada, S. *see* Kawanami, H. 76247
Okada, S. *see* Komatsu, K. 72838
Okada, S. *see* Masaki, A. 76157
Okada, S. *see* Matsumoto, S. 73736
Okada, S. *see* Morimoto, H. 95604
Okada, S. *see* Shimada, S. 76227
Okada, S. *see* Shodai, T. 81677
Okada, S. *see* Suzuki, Y. 82766
Okada, S. *see* Xuan-Ming Duan 85592
Okada, S. *see* Yamauchi, H. 79144
Okada, T., Nakata, Y., Kaibara, H., Maeda, M. Second-harmonic generation and fluorescence from pulsed-laser-deposited $BaTiO_3$ and Nd:$BaTiO_3$ 107554
Okada, T., Okada, M., Komaki, S. Control free intercell diversity using multi-carrier modulation for fiber-optic microcellular radio communication system 68250
Okada, T. *see* Doi, K. 82233
Okada, T. *see* Iwata, T. 98132
Okada, T. *see* Katagiri, K. 64521
Okada, T. *see* Kondo, M. 78971
Okada, T. *see* Kosuge, Y. 88678
Okada, T. *see* Miyamoto, H. 95585
Okada, T. *see* Moriyama, H. 95589
Okada, T. *see* Nishimura, N. 75175
Okada, T. *see* Sato, Y. 95225
Okada, T. *see* Shirato, T. 118337
Okada, T. *see* Tsujino, J. 101618
Okada, T. *see* Vasa, N.J. 107192
Okada, T. *see* Vasa, N.J. 107193
Okada, T. *see* Vasa, N.J. 116424
Okada, T. *see* Watanabe, K. 119782
Okada, T. *see* Yamamoto, K. 63364
Okada, T. *see* Yamazaki, T. 87677
Okada, Y., Harris, J.S., Jr. Basic analysis of atomic-scale growth mechanisms for molecular beam epitaxy of GaAs using atomic hydrogen as a surfactant 82638
Okada, Y., Harris, J.S., Jr., Sutoh, A., Kawabe, M. GaAs-on-Ge heteroepitaxy by atomic hydrogen-assisted molecular beam epitaxy (H-MBE) 113350
Okada, Y., Hirakata, N., Kamemura, A., Saito, T., Masuda, Y., Koshino, Y. Optical fiber link radio expansion system for weak reception area 68253
Okada, Y., Inoue, H., Fusayasu, H., Nishida, H. Analysis for permanent magnet motor taking account of magnetizing process 102645
Okada, Y., Miyamoto, S., Ohishi, T. Levitation and torque control of internal permanent magnet type bearingless motor 102697
Okada, Y., Nojo, S. Reliability evaluation method for long service outages in telecommunication networks 98562
Okada, Y., Osawa, O., Komazaki, T., Gunji, K. A new type duplexer with strip line filter 109542
Okada, Y. *see* Fons, P.J. 82605
Okada, Y. *see* Inoue, H. 95377
Okada, Y. *see* Iwata, Y. 107809
Okada, Y. *see* Maiti, B. 63175
Okada, Y. *see* Matsuda, K. 96998
Okada, Y. *see* Murashita, K. 86094
Okada, Y. *see* Ohmi, T. 63408
Okada-Shudo, Y. *see* Ujihara, K. 116390
Okadaa, Y., Harris, J.S., Jr., Gotz, W. Deep level defects in GaAs on Si substrates grown by atomic hydrogen-assisted molecular beam epitaxy 114617
Okade, M., Hasebe, T., Kawai, T., Kawashima, K. New digital techniques for precise measurement of surface wave velocity with acoustic microscope 113593
Okafor, A.Chukwujekwu *see* Chukwujekwu Okafor, A.
Okafuji, M. *see* Yamamoto, M. 84613
Okafuji, M. *see* Yamamoto, M. 100234
Okafuji, S., Arao, T., Inenaga, T. Nonlinear wave excitation characteristics for nonlinear optical slab waveguides with two guiding layers 64744
Okagawa, T. *see* Kanamura, K. 81703
Okajima, D. *see* Shiba, T. 84740
Okajima, K. *see* Nagata, Y. 80455
Okajima, M. *see* Iwao, K. 110643
Okajima, Y., Amemiya, M., Kato, K., Asai, S. VLS growth of silicon whiskers on a patterned silicon-on-insulator (SOI) wafer 103807
Okajima, Y., Taguchi, M., Yanagawa, R., Nishimura, K., Hamada, O. Digital delay locked loop and design technique for high-speed synchronous interface 93362
Okamoto, A., Sunaga, H., Yamada, T., Koyanagi, K. NOSES plug-in platform for quick service provisioning 77836
Okamoto, A. *see* Dohata, M. 65514
Okamoto, A. *see* Hattori, S. 108688
Okamoto, A. *see* Nosaka, T. 114510
Okamoto, A. *see* Sugiyama, N. 105228
Okamoto, A. *see* Sunaga, H. 87589
Okamoto, A. *see* Yamada, H. 116667
Okamoto, E., Aitken, W., Blakley, G.R. Algebraic properties of permutation polynomials 66290
Okamoto, E. *see* Peralta, R. 66289
Okamoto, E. *see* Uyematsu, T. 117108
Okamoto, F. *see* Hagihara, Y. 104518
Okamoto, G., Guanghan Xu Throughput multiplication of wireless LANs: spread spectrum with SDMA 118355
Okamoto, H., Kurita, A., Kobayashi, N., Sekine, Y. Selection of the best siting of static VAr compensators for effective damping 121038
Okamoto, H., Sasaki, T., Tanaka, F., Kishinami, T. A study on the evaluation of related features with geometrical constraints 100326
Okamoto, H., Suzaki, Y., Tohmori, Y., Okamoto, M., Kondo, Y., Kadota, Y., Yamamoto, M., Kishi, K., Sakai, Y., Sugie, T., Itaya, A.Y. Uniformity of 1.3-μm laser diodes with butt-jointed selectively grown spot-size converter fabricated on 2-inch InP substrates 96432
Okamoto, H., Suzaki, Y., Tohmori, Y., Okamoto, M., Kondo, Y., Kadota, Y., Yamamoto, M., Kishi, K., Sakai, Y., Wada, M., Nakao, M., Itaya, Y. 1.3 μm laser diodes with butt-jointed selectively grown spot-size converters uniformly fabricated on a 2 in InP substrate 75919
Okamoto, H., Ueda, H., Takahashi, H., Shimizu, E. Holographic method for extracting three-dimensional information with a CCD camera 67058
Okamoto, H., Yasaka, H., Oe, K. A wavelength-tunable duplex integrated light source 109611
Okamoto, H., Yasaka, H., Sato, K., Yoshikuni, Y., Oe, K., Kishi, K., Kondo, Y., Yamamoto, M. A wavelength-tunable duplex integrated light source for fast wavelength switching 78888
Okamoto, H., Yasaka, H., Yoshikuni, Y., Oe, K. Suppression of wavelength drift and thermal cross-talk in a tunable duplex integrated light source 68439
Okamoto, H. *see* Dewa, H. 120075
Okamoto, H. *see* Hattori, K. 94390
Okamoto, H. *see* Iwashita, Y. 89771
Okamoto, H. *see* Kajiki, Y. 96748
Okamoto, H. *see* Kando, M. 100698
Okamoto, H. *see* Kobayashi, N. 101690
Okamoto, H. *see* Ma, W. 103019
Okamoto, H. *see* Noda, A. 79988
Okamoto, H. *see* Shams-Kolahi, W. 94417
Okamoto, H. *see* Shams-Kolahi, W. 114655
Okamoto, H. *see* Shicheng Jiang 90023
Okamoto, H. *see* Shirai, T. 89766
Okamoto, H. *see* Tada, Y. 111536
Okamoto, H. *see* Tamegai, N. 77953
Okamoto, H. *see* Toyama, T. 94383
Okamoto, H. *see* Toyama, T. 96039
Okamoto, H. *see* Ueda, H. 96753
Okamoto, H. *see* Uehigashi, K.-I. 73451
Okamoto, H. *see* Yamakawa, S. 76259
Okamoto, H. *see* Zamkotsian, F. 119195
Okamoto, I. A trend in technological development: increasing the speed of the Shinkansen 122013
Okamoto, I. *see* Kikuchi, A. 106529
Okamoto, J. *see* Mizukami, Y. 70785
Okamoto, J. *see* Mutoh, H. 115799
Okamoto, K., Jinbo, T., Araki, T., Iizuka, Y., Nakajima, H., Takahata, M., Inoue, H., Kurohmaru, S., Yonezawa, T., Aono, K. A DSP for DCT-based and wavelet-based video codecs for consumer applications 118691
Okamoto, K., Okazaki, Y., Nagai, N., Uedaira, S. Advanced metal particles technologies for magnetic tapes 106605
Okamoto, K., Okuno, M., Himeno, A., Ohmori, Y. 16-channel optical add/drop multiplexer consisting of arrayed-waveguide gratings and double-gate switches 99474
Okamoto, K., Sugita, A. Flat spectral response arrayed-waveguide grating multiplexer with parabolic waveguide horns 109615
Okamoto, K., Syuto, K., Takahashi, H., Ohmori, Y. Fabrication of 128-channel arrayed-waveguide grating multiplexer with 25 GHz channel spacing 95794
Okamoto, K., Yamakawa, S., Miyazaki, S., Hirose, M. Fine SiO_2 pattern generation by electron beam direct writing onto polysiloxene-based thin films and its application to etch mask 63501
Okamoto, K. *see* Kumagai, H. 90788
Okamoto, K. *see* Miyazaki, E. 64972
Okamoto, K. *see* Takiguchi, K. 109651
Okamoto, K. *see* Yamaguchi, M. 73177
Okamoto, M., Kitamura, A., Yamada, H. Grid-connected photovoltaic systems: islanding and assessment of power conditioner 71182
Okamoto, M. *see* Arimura, H. 80216
Okamoto, M. *see* Ishikawa, T. 67989
Okamoto, M. *see* Kabuo, H. 61946
Okamoto, M. *see* Kabuo, H. 93477
Okamoto, M. *see* Kataoka, Y. 79618
Okamoto, M. *see* Mitomi, O. 85053
Okamoto, M. *see* Notomi, M. 63041
Okamoto, M. *see* Okamoto, H. 75919
Okamoto, M. *see* Okamoto, H. 96432
Okamoto, M. *see* Onaka, K. 119595
Okamoto, M. *see* Sakai, Y. 75976
Okamoto, M. *see* Sakamoto, K. 100183
Okamoto, M. *see* Suzaki, Y. 88593
Okamoto, M. *see* Tanaka, Y. 89352
Okamoto, M. *see* Ueda, H. 96753
Okamoto, M. *see* Yamamoto, T. 110300
Okamoto, N., Unoh, H., Sugihara, O., Matsushima, R. Large second-harmonic generation in composite film of p-nitroaniline and its derivatives 76255
Okamoto, N. *see* Ikegaya, K. 85044
Okamoto, N. *see* Konishi, K. 65966
Okamoto, N. *see* Nakayama, H. 85652
Okamoto, N. *see* Noguchi, Y. 83338
Okamoto, N. *see* Ozawa, M. 85601
Okamoto, N. *see* Sugihara, O. 76256
Okamoto, N. *see* Sugihara, O. 96670
Okamoto, S., Ohnishi, T., Shono, Y., Kimura, K., Satake, T., Hayashi, T., Kimura, M., Hayami, H. Effects of hydrogen treatment on the radiation-resistivity of pure-silica optical fibers 75477
Okamoto, S., Ohnishi, T., Ueda, Y., Sugiyama, K., Tanaka, T. Chemical property change of cable jacketing PVC under heat-radiation exposure 81089
Okamoto, S., Shono, Y., Ohnishi, T., Fukuda, C., Chigusa, Y., Kanamori, H. γ-ray-induced loss of dispersion-shifted optical fibers under low dose environment 75478
Okamoto, S., Shono, Y., Ohnishi, T., Ueda, Y., Sugiyama, K., Tanaka, T. Study to evaluate the life of low voltage cables 81090
Okamoto, S., Watanabe, A., Sato, K.-I. Optical path cross-connect node architectures for photonic transport network 78922
Okamoto, S. *see* Inoue, Y. 82663
Okamoto, S. *see* Inoue, Y. 106987
Okamoto, S. *see* Kaneko, T. 99660
Okamoto, S. *see* Koga, M. 78325
Okamoto, S. *see* Koga, M. 78895

Okamoto, S. *see* Koga, M. 88051
Okamoto, S. *see* Nagatsu, N. 78729
Okamoto, S. *see* Watanabe, A. 68029
Okamoto, S. *see* Watanabe, A. 119189
Okamoto, T. On relationships between statistical zero-knowledge proofs 97468
Okamoto, T., Kanegani, M., Hozumi, N., Ikeda, M. High temperature PD characteristics of polyimide and liquid crystal polymer 64127
Okamoto, T., Saito, T., Murakami, S., Nishino, H., Maruyama, K., Nishijima, Y., Wada, H., Nagashima, M., Nogami, Y. Effect of thin HgTe layers on dislocations in HgCdTe layers on Si substrates 94322
Okamoto, T., Shinohara, Y., Kawaji, S., Yagi, A. Collapse of the quantum Hall state by floating-up of extended-state bands with increasing disorder 105985
Okamoto, T., Yamagata, K., Yamaguchi, I. Real-time defect enhancement in periodic patterns using a bacteriorhodopsin film 85777
Okamoto, T. *see* Haryu, K. 117066
Okamoto, T. *see* Hayashi, T. 119587
Okamoto, T. *see* Hild, M. 87005
Okamoto, T. *see* Hozumi, N. 70917
Okamoto, T. *see* Inoue, T. 61763
Okamoto, T. *see* Kagotani, H. 61523
Okamoto, T. *see* Kamozaki, K. 67977
Okamoto, T. *see* Kondo, T. 73138
Okamoto, T. *see* Oka, M. 96698
Okamoto, T. *see* Okabe, K. 109409
Okamoto, T. *see* Sato, Y. 113849
Okamoto, T. *see* Takeda, T. 64148
Okamoto, T. *see* Tanaka, T. 64113
Okamoto, T. *see* Tanaka, T. 91175
Okamoto, Y., Momona, M., Matoba, H., Nakano, Y. Internet access over CATV network 118387
Okamoto, Y., Noiri, A., Shiraishi, O. Fabricating a large-capacity ATM switching system 78287
Okamoto, Y. *see* Higashiwaki, M. 72763
Okamoto, Y. *see* Kosugi, R. 73327
Okamoto, Y. *see* Kubo, Y. 85621
Okamoto, Y. *see* Kurokawa, K. 79749
Okamoto, Y. *see* Lee, H.S. 81701
Okamoto, Y. *see* Matsunaga, K. 83502
Okamoto, Y. *see* Osawa, H. 95370
Okamoto, Y. *see* Osawa, H. 117259
Okamoto, Y. *see* Sato, H. 93352
Okamoto, Y. *see* Sato, N. 88747
Okamoto, Y. *see* Shimomura, S. 63572
Okamoto, Y. *see* Yoshida, K. 107460
Okamura, H., Machida, A., Kawaguchi, M., Sato, M., Nishida, T., Harayama, M. BiCMOS embedded gate array QB-8E 73294
Okamura, H., Sakamoto, N., Uesaka, T., Sakai, H., Hatanaka, K., Goto, A., Kase, M., Inabe, N., Yano, Y. Technique for rotating the spin direction at RIKEN 119991
Okamura, H. *see* Kuhara, S. 73351
Okamura, H. *see* Sakai, H. 119994
Okamura, K., Araki, K. Continuous media transmission on bandwidth reserved network 98724
Okamura, K. *see* Yanagisawa, T. 81348
Okamura, M. A basic study on power storage capacitor systems 81922
Okamura, M. *see* Harada, Y. 121182
Okamura, M. *see* Inazaki, K. 109653
Okamura, M. *see* Ito, T. 100752
Okamura, M. *see* Sasa, K. 100757
Okamura, N.H., Durand, E. The Pacific islands telecommunications and information infrastructure leap-frog or widening gap? 87554
Okamura, S. *see* Matsuura, T. 86194
Okamura, S. *see* Tsukamoto, T. 115426
Okamura, T., Matsuda, M., Kabashima, S. Performance of fountain effect pumps with different HeII flow loops 94155
Okamura, T. *see* Best, B. 88430
Okamura, T. *see* Namie, H. 88745
Okamura, Y., Soshin, K., Yuasa, W., Nakaoka, M., Hiraki, E. High performance adjustable-speed induction motor drive system using sensorless vector control-based PWM inverter with auto-tuning machine operated parameter estimation schemes 91794
Okamura, Y. *see* Ishii, S. 119445
Okamuro, D. *see* Lin, E.W. 90881
Okandan, M., Fonash, S.J., Awadelkarim, O.O., Chan, Y.D. Observation of electroluminescence and "soft-breakdown" effects in sub-0.5 μm CMOS with ultrathin gate oxides 105988
Okandan, M., Fonash, S.J., Awadelkarim, O.O., Chan, Y.D., Preuninger, F. Soft-breakdown damage in MOSFET's due to high-density plasma etching exposure 94967
Okandan, M. *see* Smuk, J. 99639
Okandana, M. *see* Fonash, S.J. 105975
O'Kane, B.L., Williams, T., Wright, R. Target-identification performance with enhancements of second-generation FLIR imagery 90901
O'Kane, D. *see* Spallas, J.P. 119658
O'Kane, J. *see* Zimmermann, S. 79258
O'Kane, J. *see* Zimmermann, S. 100857
Okanla, E.I., Gaydecki, P.A. A real-time audio frequency cubic spline interpolator 66781
Okano, F. *see* Kaneko, Y. 108568
Okano, H. *see* Kobayashi, Y. 84732
Okano, H. *see* Tsuji, S. 95687
Okano, H. *see* Uetsuka, H. 78806
Okano, K., Koizumi, S., Silva, S.R.P., Amaratunga, G.A.J. Low-threshold cold cathodes made of nitrogen-doped chemical-vapour-deposited diamond 94175
Okano, K., Takagi, Y. Application of SiC-Si FGM to thermoelectric energy conversion device 71725
Okano, K. *see* Atoda, O. 77500
Okano, M., Tamada, N., Fuchino, S., Ishii, I. Characteristics of high-stiffness superconducting bearing 95618
Okano, M. *see* Fuchino, S. 102605
Okano, M. *see* Ishii, I. 102600
Okano, M. *see* Takeda, M. 100191
Okano, T. *see* Mukai, M. 64056
Okano, Y. Viewcam: a flat-panel display for viewfinder applications 100192
Okano, Y. *see* Ito, K. 66076
Okano, Y. *see* Nakamura, T. 64334
Okanoue, K., Ohsawa, T. Development of mobile computing 118086
Okapuu-von Veh, A., Marceau, R.J., Malowany, A., Desbiens, P., Daigle, A., Garant, E., Gauthier, R., Shaikh, A., Rizzi, J.C. Design and operation of a virtual reality operator-training system 102927
Okapuu-von Veh, A. *see* Garant, E. 101702
Okasaka, S., Shimizu, K. A server framework in the Act 8 operating system 77977
Okatani, T. *see* Deguchi, K. 110754
Okawa, A. *see* Tanaka, Y. 75280
Okawa, S., Shirai, K. Speech recognition based on statistical phoneme center 76840
Okawa, Y. *see* Miyoshi, T. 92639
Okayama, H. How different are the indicatrixes of the leaves of various woody plant species? 90745
Okayama, H., Kamijoh, T. Low-crosstalk acoustooptic wavelength filter composed of cascaded dissimilar mode converters 85166
Okayama, H., Kawahara, M., Kamijoh, T. Reflective waveguide array demultiplexer in $LiNbO_3$ 78882
Okayama, H. *see* Xu, C.Q. 116677
Okayama, J. *see* Shimamoto, S. 95590
Okayama, Y. *see* Suzuki, A. 73352
Okayasu, R. *see* Tokuda, M.. 67976
Okazaki, H. *see* Funato, S. 105772
Okazaki, H. *see* Harima, Y. 94580
Okazaki, H. *see* Hattori, K. 116434
Okazaki, H. *see* Hirota, T. 114308
Okazaki, H. *see* Imai, N. 63769
Okazaki, H. *see* Padmanaban, M. 105776
Okazaki, M. *see* Goda, Y. 111605
Okazaki, M. *see* Kobayashi, T. 64620
Okazaki, S. *see* Imai, A. 94858
Okazaki, T., Nagakura, T., Masuda, K., Mukuda, T., Kishimoto, S., Ishihara, K. A study of imaging space occupying lesion using high-speed digital subtraction echography 110804
Okazaki, T. *see* Muto, K. 108302
Okazaki, Y., Ito, Y., Kyo, K., Tateishi, T. Corrosion resistance and corrosion fatigue strength of new titanium alloys for medical implants without V and Al 120522
Okazaki, Y. *see* Ando, Y. 95227
Okazaki, Y. *see* Awaya, N. 95175
Okazaki, Y. *see* Mizokami, M. 112050
Okazaki, Y. *see* Okabe, A. 115712
Okazaki, Y. *see* Okamoto, K. 106605
Okazaki, Y. *see* Shoji, M. 115665
Okazaki, Y. *see* Ushigami. Y. 75090
Okazawa, H., Takahashi, T., Kadowaki, N., Ikegami, T., Kondo, H. Report of the in-orbit performance of O-band communication equipment on ETS-VI 119101
Okazawa, H. *see* Arimoto, Y. 68382
Okazawa, H. *see* Arimoto, Y. 78838
Okazawa, H. *see* Kasuga, S. 80014
Okazawa, K. *see* Fujisaki, K. 103034
Oke, S. *see* Jervis, B.W. 70130
Okeda, K. *see* Matsuki, J. 101911
O'Keefe, E. *see* Wasenczuk, A. 74235
O'Keefe, E.S. *see* Capper, P. 94719
O'Keefe, E.S. *see* McAllister, A. 99993
O'Keefe, M.A. *see* Ponce, F.A. 114714
O'Keefe, M.A. *see* Romano, L.T. 114632
O'Keefe, T. *see* Lizotte, T. 103435
O'Keefe, W. Latest pump advances embody new drives, bearings, alloys 121347
O'Keeffe, M. Integrated digital transformer protection 81506
O'Keeffe, P., Komuro, S., Morikawa, T., Aoyagi, Y. Oxygen plasma induced enhancement and fatigue-suppression of the photoluminescence from porous Si 94789
O'Keeffe, P., Mutoh, H., Den, S., Hayashi, Y., Komuro, S., Morikawa, T. Energy-selective electron cyclotron resonance plasma for controlled surface reaction processes 114982
O'Keeffe, P. *see* Komuro, S. 94282
O'Keeffe, T.R. *see* Lizotte, T.E. 105619
O'Keeffe, T.R. *see* Lizotte, T.E. 107649
Okello, N.N., Pulford, G.W. Simultaneous registration and tracking for multiple radars with cluttered measurements 119276
O'Kelly, D. *see* Kadhim, A.H. 71551
O'Kelly, D. *see* Utsunomiya, H. 69766
O'Kelly, P. *see* Sinnott, H. 118954
Oketani, K. *see* Okino, T. 99752
Oketani, N., Ushio, T. Chaotic communication method using globally coupled maps 117122
Okhapkin, M.V. *see* Bagayev, S.N. 96113
Okhonin, S., Hessler, T., Dutoit, M. Relationship between profile of stress-generated interface traps and degradation of submicron LDD MOSFETs 115354
Okhotnikov, O.G., Araujo, F.M. Optical pulse generation through conversion of a CW phase-modulated signal by nonreciprocal Sagnac interferometer 88599
Oki, A. *see* Aoki, N. 83966
Oki, A. *see* Cowles, J. 63613
Oki, A. *see* Tran, L. 93938
Oki, A.K. *see* Block, T.R. 84345
Oki, A.K. *see* Huei Wang 114320
Oki, A.K. *see* Kobayashi, K.W. 62322
Oki, A.K. *see* Kobayashi, K.W. 62351
Oki, A.K. *see* Kobayashi, K.W. 83439
Oki, A.K. *see* Kobayashi, K.W. 83531
Oki, A.K. *see* Kobayashi, K.W. 93863
Oki, A.K. *see* Kobayashi, K.W. 104880
Oki, A.K. *see* Kobayashi, K.W. 114319
Oki, A.K. *see* Streit, D.C. 84344
Oki, E., Yamanaka, N. An optimum logical ATM network design method guaranteeing multimedia QoS requirements 77601
Oki, E., Yamanaka, N. An optimum multimedia network design scheme for flexible multi-QoS logical ATM networks (Full-Net) 98901
Oki, E., Yamanaka, N. An optimum design scheme for flexible multi-QoS logical ATM networks 108754
Oki, E. *see* Yamanaka, N. 87561
Oki, H. *see* Yamazaki, T. 87677
Oki, I., Haida, T., Izui, Y., Kobayashi, S. Incremental cluster learning neural network application to GIS internal diagnostics 91685
Oki, I., Haida, T., Wakabayashi, S., Tsuge, R., Sakakibara, T., Murase, H. Development of partial discharge monitoring technique using a neural network in a gas insulated substation 121823
Okiguchi, K. *see* Sugimura, H. 84272
Okimura, H. *see* Ishikawa, F. 101751
Okimura, T. *see* Takahashi, Y. 89264
Okimura, Y. *see* Kawazoe, T. 73381
Okin, A.A. *see* Gerikh, V.P. 101688
Okinaka, H. PHS: A new advanced infrastructure for mobile communications and wireless local loop applications 88270
Okine, M. *see* Nakamura, M. 93041
Okino, A. *see* Hotta, E. 110511
Okino, F. *see* Ning Liu 102942
Okino, K. *see* Song, J. 116451
Okino, T., Murata, H., Taima, K., Iinuma, T., Oketani, K. New television with 2D/3D image conversion technologies 99752
Okishev, A., Skeldon, M.D., Letzring, S.A., Donaldson, W.R., Babushkin, A., Seka, W. The pulse-shaping system for the 60-beam, 30-kJ (UV) OMEGA laser 116429
Okishev, A. *see* Green, K. 96158
Okishev, A. *see* Skeldon, M.D. 85284
Okita, T. *see* Satoh, T. 72520
Okita, Y., Yasuoka, K., Ishii, A., Fujiwara, S. A long-pulse TE-CO_2 laser without spike-output by an injection method 75820
Okita, Y. *see* Hamada, H. 74735
Okita, Y. *see* Takahashi, I. 112120
Okkalides, D. Assessment of target recovery after TV camera saturation in X-ray fluoroscopy using a personal computer with frame-grabber 80252
Okkalides, D. Evaluation of afterglow response in irradiated intensifying screens 120348
Oklejas, V. *see* Malinowska, E. 119644
Oklobdzija, V.G., Duchene, B. Logic synthesis for pass-transistor design 83050
Oklobdzija, V.G., Soderstrand, M., Duchene, B. Development and synthesis method for pass-transistor logic family for high-speed and low power CMOS 73323
Oklobdzija, V.G. *see* Current, K.W. 73314
Okojie, R.S., Ned, A.A., Kurtz, A.D., Carr, W.N. α(6H)-SiC pressure sensors for high temperature applications 79356
Okomel'kov, A.V. The effect of a nonuniform electric field on the pinning of vortices in superconducting films 115895
Okoniewski, M., Stuchly, M.A. A study of the handset antenna and human body interaction 120538
Okonogi, K., Kikuchi, H. Oxygen precipitation behavior in bonded SOI wafers 94624
Okonogi, K., Kikuchi, H., Arai, K. Oxygen precipitate distribution in bonded SOI wafers 63161
Okoroanyanwu, U. *see* Allen, R.D. 105786
Okouchi, T. *see* Ikeda, M. 80868
Okrasinski, J. *see* Dawson, J.W. 100957
Oks, E.M. *see* Nikolaev, A.G. 114500
Oksa, G., Bahna, J. Matched predictive filter for enhanced recognition of bursts [nuclear plant] 91287
Oksanen, H. *see* Heikkinen, J. 104946
Oksanen, H. *see* Heikkinen, J. 113011
Oksanen, J. *see* Kaarela, K. 103383
Oksanen, L. *see* Ives, D.J. 64682
Oksanen, M. *see* Sihvola, A. 69464
Oksasoglu, A., Huelsman, L.P. State feedback filters 83210
Oksasoglu, A. *see* Sun, H.-Y. 108113
Oksasoglu, A. *see* Veliev, E.I. 85839
Oksendal, A.N. *see* Jones, R.A. 69997
Oksman, J. *see* Chen, X.H. 78349

Oksman, J. *see* Chen, X.H. 98426
Oksman, J. *see* Chen, X.H. 109599
Oksman, J. *see* Mirsaidi, S. 117477
Oktaba, V. Simultaneous confidence bounds on the pair of parameters in the multivariate Gauss-Markoff model with singular covariance matrix 92386
Oktik, S., Russell, G.J., Brinkman, A.W. Properties of ZnO layers deposited by "photo-assisted" spray pyrolysis 74191
Oktik, S. *see* Horsfall, A.B. 74234
Oktik, S. *see* Loginov, Y.Y. 102988
Oku, K., Nakamura, O., Inoue, J.-I., Kohata, M. Suppression effects of active power filter on harmonics of distribution system including capacitors 121123
Oku, K. *see* Kinoshita, Y. 68277
Oku, M. *see* Yoshida, K. 95677
Oku, S., Shibata, Y., Ochiai, K. Controlled beam dry etching of InP by using Br_2-N_2 gas 63315
Oku, S. *see* Shibata, Y. 78887
Oku, S. *see* Takeshita, T. 75769
Oku, S. *see* Yoshimoto, N. 99460
Oku, T., Kawakami, E., Uekubo, M., Takahiro, K., Yamaguchi, S., Murakami, M. Diffusion barrier property of TaN between Si and Cu 114811
Oku, T. *see* Horikoshi, J. 87727
Oku, T. *see* Koide, Y. 74461
Oku, T. *see* Murakami, M. 83988
Oku, T. *see* Uchibori, C.J. 63115
Oku, T. *see* Wakimoto, H. 63119
Oku, T. *see* Yamamoto, K. 62337
Oku, Y., Tsuboi, T., Chin, K., Mishima, M., Ohl, M., Kuno, K., Kurome, K. Development of an open-circuit proportional assist ventilator 110935
Okuaki, Y. *see* Naraki, T. 78405
Okubo, H., Goshima, H., Sakakibara, H., Hayakawa, N., Hikita, M., Uchida, K. Area and volume effects on breakdown strength in liquid helium and liquid nitrogen 75008
Okubo, H., Hikita, M., Goshima, H., Sakakibara, H., Hayakawa, N. High voltage insulation performance of cryogenic liquids for superconducting power apparatus 102788
Okubo, H. *see* Goshima, H. 102599
Okubo, H. *see* Hayakawa, N. 75007
Okubo, H. *see* Kato, T. 121085
Okubo, H. *see* Shimizu, R. 69440
Okubo, H. *see* Wakita, M. 102182
Okubo, H. *see* Yue-Jin Tang 71383
Okubo, K., Kobayashi, T., Murakami, F. Magnetic separator [for recycling] 103184
Okubo, M. *see* Inui, S. 118793
Okubo, M. *see* Tsuji, K. 81913
Okubo, N., Fujimura, K., Kondo, Y. 60 GHz millimeter-wave automotive radar 109765
Okubo, N. *see* Shirakawa, K. 83425
Okubo, N. *see* Shirakawa, K. 114335
Okubo, N. *see* Takimoto, Y. 87750
Okubo, T. *see* Hamamoto, T. 69326
Okubo, T. *see* Ikeda, M. 73416
Okubo, Y. *see* Sato, F. 89329
Okuda, F. *see* Nitta, Y. 73370
Okuda, H. *see* Kasahara, H. 78227
Okuda, H. *see* Kurioka, T. 109949
Okuda, H. *see* Kurokawa, M. 77536
Okuda, H. *see* Ohshima, H. 68929
Okuda, I. *see* Matsushima, I. 75812
Okuda, K. *see* Watanabe, H. 111535
Okuda, M., Ikehara, M., Takahashi, S. Complex Chebyshev approximation for infinite impulse response digital filters 77024
Okuda, M., Matsuyama, K., Ikehara, M. Approximation of group delay response of all pass filters using weighted least square method 117369
Okuda, M. *see* Imai, M. 95867
Okuda, M. *see* Inaba, H. 62949
Okuda, M. *see* Inaba, H. 74687
Okuda, M. *see* Kobayashi, M. 74853
Okuda, M. *see* Matsuyama, K. 117526
Okuda, N. *see* Yamamoto, S. 71959
Okuda, S., Ishida, S., Isoyama, G., Honda, Y., Kato, R. Measurement of characteristics of the infrared free electron laser with the L-band linear accelerator at Osaka University 96537
Okuda, S., Katayama, M., Yamazato, T., Ogawa, A. A new block demodulator for DS/SS signal with carrier frequency offset 88123
Okuda, S., Katayama, M., Yamazato, T., Ogawa, A. A new acquisition scheme for the DS/SS signal with large carrier frequency offset 117243
Okuda, S. *see* Homma, A. 69608
Okuda, S. *see* Ikeda, H. 89248
Okuda, S. *see* Takai, M. 83740
Okuda, T. *see* Huang, Y. 65341
Okuda, T. *see* Huang, Y. 65365
Okuda, T. *see* Saeki, T. 73369
Okuda, Y. *see* Ando, S. 109927
Okuda, Y. *see* Asakawa, M. 96555
Okuda, Y. *see* Chiba, N. 92307
Okuda, Y. *see* Saito, T. 115075
Okude, S., Sakai, T., Wada, A., Yamauchi, R. Novel chirped fiber grating utilizing a thermally diffused taper-core fiber 75446
Okude, T. *see* Nakamoto, M. 102516
Okugi, T., Kurihara, Y., Chiba, M., Endo, A., Hamatsu, R., Hirose, T., Kumita, T., Omori, T., Takeuchi, Y., Yoshioka, M. Proposed method to produce a highly polarized e^+ beam for future linear colliders 100782
Okui, H., Irie, H. Four-quadrant speed control circuit of DC servo motor using integrated voltage control method 121951
Okui, M. *see* Mitsumine, H. 109960
Okui, Y., Yamada, H. The simulation analysis of three phase current type AC-to-DC converter with high power factor 102887
Okui, Y. *see* Hayami, Y. 105624
Okuma, N. Type 883 special express AC electric train (SONIC 883) 122040
Okuma, S., Doki, S. Intelligent motion control. I. Present technologies on motor drives 112439
Okuma, S., Saeki, K., Kobayashi, A., Oshita, E., Wakita, K., Yasumoto, M., Ogino, S., Nishimura, E., Tomimasu, T. FEL beam sharing systems for eight user's stations at the FELI 107400
Okuma, S. *see* Kobayashi, A. 96534
Okuma, S. *see* Nakano, K. 119888
Okuma, S. *see* Nashiki, M. 91470
Okuma, S. *see* Nishibori, K. 91580
Okuma, S. *see* Oshita, E. 96437
Okuma, S. *see* Saeki, K. 96448
Okuma, S. *see* Tomimasu, T. 76063
Okuma, S. *see* Tomimasu, T. 107395
Okuma, S. *see* Tomita, M. 91549
Okuma, S. *see* Tomita, M. 121510
Okuma, T. *see* Yamamoto, K. 91233
Okumi, S. *see* Mishima, T. 95702
Okumi, S. *see* Nakanishi, T. 114507
Okumu, J. *see* Morgan, G.J. 74110
Okumura, A., Suzuki, J. Nearly lossless compression of color still images and its performance evaluation 86333
Okumura, F., Asada, H., Sera, K., Hirata, K., Kurakagi, K., Hirai, Y., Kaneko, S., Hamada, K., Kodama, N., Mineji, A., Saito, S., Ikeda, K., Miyakoshi, K., Imajo, M. A 76-mm (3-in.) driver-integrated poly-Si TFT-LCD light valve 100198
Okumura, F. *see* Asada, H. 79622
Okumura, F. *see* Sekine, H. 89142
Okumura, H., Itoh, G., Suzuki, A., Suzuki, K. Low power multi-media TFT-LCD using multi-field driving method 119819
Okumura, H., Ohta, K., Nagatomo, T., Yoshida, S. Observation of MBE-grown cubic-GaN/GaAs and cubic-GaN/3C-SiC interfaces by high resolution transmission electron microscope 105138
Okumura, H., Yoshida, S. Compositional micro-area modification of GaAs surfaces by an electron beam under phosphorus flux 105629
Okumura, H. *see* Hacke, P. 113369
Okumura, H. *see* Itoh, G. 89251
Okumura, H. *see* Ohshima, T. 106043
Okumura, H. *see* Yoshikawa, M. 84008
Okumura, H. *see* Yoshikawa, M. 105515
Okumura, K. *see* Hisakado, T. 113793
Okumura, M. *see* Shima, T. 110286
Okumura, N. *see* Nakanishi, T. 105906
Okumura, N. *see* Shimizu, T. 73431
Okumura, S., Jardine, A.K.S., Yamashina, H. An inspection policy for a deteriorating single-unit system characterized by a delay-time model 92310
Okumura, T., Kaneshiro, C., Shimura, M., Yamamoto, S.-I. Photoelectrochemical process for fabrication of abrupt metal-GaAs interfaces 63116
Okumura, T. *see* Hashimoto, M. 115700
Okumura, T. *see* Kaibe, H.T. 61150
Okumura, T. *see* Miyazaki, S. 63101
Okumura, T. *see* Nishibe, Y. 122061
Okumura, Y., Adachi, F. Variable rate data transmission with blind rate detection for coherent DS-CDMA mobile radio 118822
Okumura, Y., Ohnishi, K., Nakanishi, K., Kanada, T. ATM-based optical access network toward multimedia era 109237
Okumura, Y. *see* Adachi, F. 118939
Okumura, Y. *see* Dohi, T. 118865
Okumura, Y. *see* Dohi, T. 118940
Okumura, Y. *see* Horikawa, A. 77999
Okumura, Y. *see* Inoue, T. 69696
Okumura, Y. *see* Ito, N. 79919
Okumura, Y. *see* Tamura, T. 83007
Okumura, Y. *see* Terada, N. 99773
Okumura, Y. *see* Watanabe, K. 110471
Okunaka, T., Kato, H. Photodynamic therapy for malignant tumor 110903
Okunev, I.S. *see* Varentsov, V.L. 69687
Okuniki, Y. *see* Tomida, S. 78934
Okuno, A., Fujita, N., Nagai, K., Oyama, N., Hashimoto, T. Properties and reliability of liquid type epoxy resin for LSI using printing encapsulation systems (PES) 112954
Okuno, E. *see* Srivastava, J.K. 95971
Okuno, H. *see* Kobayashi, M. 80004
Okuno, H. *see* Sako, T. 110597
Okuno, K., Otsuka, K., Hattori, N., Torikai, E. Auto catalytic electroless gold plating 62506
Okuno, K. *see* Huguet, M. 95609
Okuno, K. *see* Iida, F. 95520
Okuno, K. *see* Koizumi, N. 64578
Okuno, K. *see* Ogata, H. 95521
Okuno, K. *see* Sugimoto, M. 95523
Okuno, M. *see* Abe, M. 106828
Okuno, M. *see* Kimura, Y. 61463
Okuno, M. *see* Koga, M. 78325
Okuno, M. *see* Koga, M. 78895
Okuno, M. *see* Koga, M. 88051
Okuno, M. *see* Okamoto, K. 99474
Okuno, M. *see* Watanabe, A. 68029
Okuno, R., Yoshida, M., Akazawa, K. Development of biomimetic prosthetic hand controlled by electromyogram 90606
Okuno, R. *see* Yoshino, M. 113592
Okuno, S. *see* Hatsuda, T. 88395
Okuno, S. *see* Hazumi, M. 100854
Okuno, S. *see* Ikeda, H. 100804
Okuno, S. *see* Saitoh, Y. 80027
Okuno, S. *see* Saitoh, Y. 100838
Okuno, S. *see* Tsuboyama, T. 100836
Okuno, T., Fujiwara, S., Kai, T., Tomitani, H., Matsunami, M. STN-LCD integrated with tablet for coordinate input device 100256
Okuno, Y. Investigation on direct bonding of III-V semiconductor wafers with lattice mismatch and orientation mismatch 62734
Okuno, Y., Kyung-Ho Park Infrared spectroscopy study of the Si-SiO_2 interface 84028
Okuno, Y. *see* Ishitani, H. 110282
Okuno, Y. *see* Kobayashi, I. 91761
Okuno, Y. *see* Murakami, T. 112423
Okuno, Y. *see* Taya, T. 91760
Okunuki, J. *see* Ara, K. 69394
Okuo, T., Kaga, Y., Momma, A. Development of metallic substrate tubular type solid oxide fuel cells 81733
Okuo, T., Kaga, Y., Momma, A., Kanazawa, M., Fujii, K. Improvement in power stability and durability demonstration on new tubular type SOFC using metallic system component 121868
Okuo, T., Nagata, S., Kaga, Y., Momma, A. Conceptual design consideration on kW class test facility for new tubular type solid oxide fuel cells 121869
Okuo, T. *see* Nagata, S. 81771
Okura, H. *see* Nishide, T. 113721
Okura, I. *see* Higashida, M. 78269
Okura, K., Yoshida, T., Sakai, Y. Spectrum-adaptive band-limiting technique for 3-D non-orthogonal sampling 117855
Okurowski, F. *see* Ganci, P. 68639
Okusa, K. *see* Saiki, A. 81215
Okushi, H. *see* Hayashi, K. 94278
Okushi, H. *see* Hayashi, K. 94783
Okushi, H. *see* Teraji, T. 105475
Okuyama, A. *see* Hoshi, H. 100229
Okuyama, H., Itoh, S., Ikeda, M., Ishibashi, A. Progress in blue/green laser diodes 65243
Okuyama, K. *see* Adachi, M. 104121
Okuyama, K. *see* Mizuochi, G. 84884
Okuyama, K. *see* Okuyama, S. 69369
Okuyama, K. *see* Shimizu, A. 84072
Okuyama, M. *see* Lirong Zheng 75055
Okuyama, M. *see* Lirong Zheng 95308
Okuyama, S., Okuyama, K., Takinami, N., Matsushita, K., Kumagai, Y. Current vs. voltage characteristics of Al-Al_2O_3-Pd tunnel junction hydrogen sensor 69369
Okuyama, S. *see* Gomi, J. 78608
Ola Borjesson, P. *see* Edfors, O. 117943
Ola Borjesson, P. *see* van de Beek, J.-J. 67542
Olachea, G. *see* Marrs, R. 92226
Oladipo, O. *see* Akomolafe, T. 93942
Olah, A.L., Heemstra de Groot, S.M. Comments on "Minimum-latency transport protocols with modulo-N incarnation numbers" 98498
Olajos, J. *see* Engvall, J. 114783
Olald, J.C. *see* Colomb, F.R. 79107
Olaniyan, J. *see* Aissi, C. 73287
Olaniyan, J. *see* Aissi, C. 74855
Olaniyan, O. Perfect transmission scheme for a dispersionless channel 117116
Olariaga, E. *see* Mayora, K. 119866
Olariu, S., Pigli, E., Zomaya, A.Y. A time- and cost-optimal algorithm for channel routing 104281
Olariu, S. *see* Nakano, K. 98351
Olasupo, K.R., Hatalis, M.K. Leakage current mechanism in sub-micron polysilicon thin-film transistors 94952
Olasupo, K.R., Yarbrough, W., Hatalis, M.K. The effect of drain offset on current-voltage characteristics in sub micron polysilicon thin-film transistors 94959
Olayo Gonzalez, M.G. *see* Lopez Callejas, R. 99845
Olazcuaga, R. *see* Bousquet, B. 76209
Olazcuaga, R. *see* Segonds, P. 79741
Olbrich, A., Gorge, A.B., Meese-Markscheffel, J.A., Naumann, D. Industrial production of high capacity γ-protected nickel hydroxide 112229
Olbrich, A., Gorge, A.B., Meese-Markscheffel, J.A., Naumann, D. Cobalt materials in battery manufacturing 112230
Olbrich, G.R. *see* Felgentreff, T. 83406
Olbrich, G.R. *see* Felgentreff, T. 95054
Olbrich, T., Bradley, D.A., Richardson, A.M.D. Built-in-self-test and diagnostics for microsystems 84668
Olbrich, T., Bradley, D.A., Richardson, A.M.D. Built-in self-test in intelligent microsystems as a contributor to system quality and performance 88975
Olbrich, T., Richardson, A. Desing and self-test for switched-current building blocks 61850
Olbrich, T., Richardson, A.M.D., Bradley, D.A. Built-in self-test and diagnostic support for safety critical microsystems 95222
Olbrich, T. *see* Richardson, A. 93607
Olcer, G. *see* Cherubini, G. 66215
Olcer, S. *see* Cherubini, G. 77954

Olchevski, A. *see* Ajinenko, I. 90197
Olde, J. *see* Nemcsics, A. 92727
Oldekop, E., Hermann, S., Sulzer, G., Niedermeyer, F., Wienecke, M., Zeitz, W.D. Boron implantation into CdTe 74222
Oldendorf, M., Loose, R., Zeitler, E., Zecher, S., Weber, P. Spiral-CT with MPR: a new technique for imaging in the abdomen 90460
Oldham, N.M. *see* Waltrip, B.C. 110277
Oldham, W.J.B. *see* Phoha, V.V. 86958
O'Leary, A. *see* Dowling, D.P. 84963
O'Leary, D.P., Wu, Y.-J.J. A block-GTH algorithm for finding the stationary vector of a Markov chain 103738
O'Leary, J. Test fixture solutions for PC Cards 94084
O'Leary, M. *see* Zampini, A. 105802
O'Leary, M.A. *see* Li, X.D. 100153
O'Leary, R.P. *see* Bellei, T.A. 103076
O'Leary, T. *see* Hunt, K.J. 79131
Olefir, V.P. *see* Belakin, V.Ye. 74063
Olefirenko, P.P. *see* Kasatkin, S.I. 64441
Oleinik, M.V., Trubetskov, D.I. A small signal theory of gyro-devices using the concept of space-charge waves 105066
Oleinikov, A.M. *see* Mogil'nikov, V.S. 71237
Olejniczak, K.J. *see* Amiradozi, J. 70781
Olejniczak, K.J. *see* Amirazodi, J. 121118
Olejniczak, K.J. *see* Hossain, Z. 113724
Olejnik, C. *see* Venkataram, S. 115092
Oleksenko, P.F. *see* Kamuz, A.M. 107259
Olendski, O. *see* Chang Sub Kim 114778
Olerud, H.M., Olsen, J.B., Widmark, A., Fosmark, H. A Norwegian survey of image quality, doses and film processing in mammography, with reference to two technical phantoms 120362
Oles, J.C. *see* Zhang, X.X. 96183
Olesberg, J.T. *see* McCahon, S.W. 114797
Olesen, C. *see* Bengtsson, S. 105490
Olesen, H. *see* Jonsson, B. 65282
Olesen, J.-P. *see* Brandstatt, T. 82314
Olesen, K.G. *see* Andreassen, S. 90501
Olesik, J., Calusinski, B., Olesik, Z. Energy spectra of electrons emitted from samples with an internal electric field 83685
Olesik, Z. *see* Olesik, J. 83685
Olesin, A. *see* Gronowski, P.E. 73468
Olesin, A. *see* Kowaleski, J.A., Jr. 73440
Oleskevich, T.K. High efficiency coupling for high aspect ratio laser diodes 75539
Oleson, K. *see* Thames, P. 120746
Oleson, K.W., Driese, K.L., Maslanik, J.A., Emery, W.J., Reiners, W.A. The sensitivity of a land surface parameterization scheme to the choice of remotely-sensed landcover data sets 120664
Oleszek, G. Long-term measurement of temperature 89546
Oleynikov, E. *see* Khulugurov, V. 96222
Oleynikov, E. *see* Khulugurov, V. 96729
Olfert, M., Duley, W.W. Holographic interferometry of isotherms during laser drilling of fused quartz 60599
Olfert, M., Duley, W.W. Holographic imaging of laser penetration processing in transparent media: visualizing the temperature field in real time 107642
Olfert, M. *see* Mueller, R.E. 107650
Olgaard, C., Haoues Sassene, D., Nielsen, I.R. An area efficient low noise 100 Hz low-pass filter 104700
Olgaard, C., Nielsen, I.R. Noise improvement beyond the "kT/C limit"" in low frequency C-T filters 93569
Olhalber, T. *see* Tawil, R.A. 110972
Olhovsky, I.P. *see* Belous, O.I. 73716
Oliaei, O., Loumeau, P. Current-mode class AB design using floating voltage-source 95194
Olias, E. *see* Entrena, L.A. 113879
Olias, E. *see* Riesgo, T. 60568
Olias, J.S. *see* Sanchez-Garrido, O. 106293
Oliensis, J. Rigorous bounds for two-frame structure from motion 67289
Oliensis, J. A linear solution for multiframe structure from motion 77332
Oliensis, J. Structure from linear or planar motions 86398
Oliferuk, W. Application of infrared radiation detection to the metal behaviour investigation under mechanical loading 72991
Oliger, J., Xiaolei Zhu Stability and error estimation for component adaptive grid methods 72696
Oliker, S. *see* Azhari, H. 70046
Olikh, Ya.M., Karas', N.I. The effect of ultrasound on the annealing of radiation defects in neutron-doped germanium 114854
Olikh, Ya.M. *see* Vernidub, R.M. 116216
Olin, A. *see* Agnello, M. 110583
Olin, B. *see* Hasselgren, J. 88022
Olin, B.D., Meeker, W.Q., Berens, A.P., Coleman, D., Ramsey, P., Spencer, F.W., Sweeting, T.J., Tucker, W.T., Olin, B.D., Meeker, W.Q. Applications of statistical methods to nondestructive evaluation [with discussion and reply] 82810
Olin, B.D. *see* Olin, B.D. 82810
Olin, U. *see* Marcinkevicius, S. 94521
Oliner, A.A. *see* Nghiem, D. 114251
Olioso, A., Taconet, O., Ben Mehrez, M. Estimation of heat and mass fluxes from IR brightness temperature 111339
Oliphant, A., Marsden, R.P., Poole, R.H.M., Tanton, N.E. The design of a network for digital terrestrial TV trials 119367
Oliva, A.Bonito *see* Bonito Oliva, A.
Oliva, A.I. *see* Anguiano, E. 95324
Olivares-Perez, A., Juarez-Perez, J.L., Berriel-Valdos, L.R., Sanchez-Guerrero, R.D. Multiplexing color holography by software techniques 116742
Olivares-Perez, A. *see* Juarez-Perez, J.L. 116743
Olivas, J. *see* Artigas, D. 106843
Olivas, N. *see* Cooke, B. 109802
Olive, V. *see* Martin, S. 73052
Oliveira, A., Neto, J.S.R., Deep, G.S., Freire, R.C.S. Thermoresistive sensor parameters from its static I×V characteristics 110108
Oliveira, A.C. *see* Ribeiro, L.A.S. 122009
Oliveira, A.G.de *see* de Oliveira, A.G.
Oliveira, A.J.B.de *see* de Oliveira, A.J.B.
Oliveira, C., Maksimovic, D. Zero-current-transition converters for high-power-factor AC/DC applications 71418
Oliveira, C.E.M.de *see* de Oliveira, C.E.M.
Oliveira, C.E.T. *see* Alcantara, J.M.S. 104289
Oliveira, C.E.T. *see* Nunes, R.B. 84515
Oliveira, F.A.de *see* de Oliveira, F.A.
Oliveira, F.A.M.de *see* de Oliveira, F.A.M.
Oliveira, F.Delly *see* Delly Oliveira, F.
Oliveira, G.C. *see* Binato, S. 102013
Oliveira, G.C. *see* Melo, A.C.G. 101741
Oliveira, H. *see* Oliveira, J. 101802
Oliveira, H.J.Q.de *see* de Oliveira, H.J.Q.
Oliveira, J., Vigidal, A., Oliveira, H. SIME–the Portuguese energy market information system 101802
Oliveira, J.C., De Freitas, L.C., Coelho, E.A.A., Farias, V.J., Vieira, J.B., Jr. A half-bridge PWM AC/AC converter 71452
Oliveira, J.C.De *see* De Oliveira, J.C.
Oliveira, J.P., Vital, J., Franca, J.E. A digitally calibrated current-mode two-step flash A/D converter 104641
Oliveira, J.R.S., D'Assuncao, A.G., da Rocha, C.S. Suspended microstrip patch resonators on magnetized ferrites 97304
Oliveira, J.V.de *see* de Oliveira, J.V.
Oliveira, L.A. *see* Ribeiro, F.J. 94544
Oliveira, L.C.O.De *see* De Oliveira, L.C.O.
Oliveira, L.E. *see* Latge, A. 63072
Oliveira, L.E. *see* Sabin del Valle, J. 94506
Oliveira, M.M.De *see* De Oliveira, M.M.
Oliveira, R.C., Coelho, E.A.A., Vieira, J.B., Jr., Freitas, L.C., Farias, V.J. Switching power amplifiers with soft commutation for audio applications 113779
Oliveira, S.E.M.De *see* De Oliveira, S.E.M.
Oliveira Bohbot, R.de *see* de Oliveira Bohbot, R.
Oliveira Duarte, A.M.de *see* de Oliveira Duarte, A.M.
Oliveira Duarte, M.De *see* De Oliveira Duarte, M.
Oliveira Nascimento, F.A.de *see* de Oliveira Nascimento, F.A.
Oliver, A., Johnson, M.H., Shrager, J. The emergence of hierarchical clustered representations in a Hebbian neural network model that simulates aspects of development in the neocortex 77244
Oliver, A. *see* Wright, J.J. 101391
Oliver, B.V., Ottinger, P.F. Modeling of the conductivity of a plasma created by beam-induced ionization of a gas 69616
Oliver, B.V. *see* Greenly, J.B. 69700
Oliver, B.V. *see* Hinshelwood, D.D. 69638
Oliver, B.V. *see* Rose, D.V. 69668
Oliver, B.V. *see* Young, F.C. 120123
Oliver, J., Kerkhoff, H. A cost analysis study of deposited-MCM active substrates for testability purposes 62525
Oliver, J., Kerkhoff, H. Test structures on MCM active substrate: is it worthwhile? 73904
Oliver, J., Kerkhoff, H. A cost analysis study for testability purposes on silicon active substrates 73910
Oliver, J., Pilon, R. Determination of fatigue life of railway wheel plates by means of resonance testing 91848
Oliver, J. *see* Rullan, M. 73240
Oliver, J. *see* Zimmermann, S. 79258
Oliver, J. *see* Zimmermann, S. 100857
Oliver, J.A. *see* Canalli, V.M. 121712
Oliver, J.R. *see* Neurgaonkar, R.R. 116087
Oliver, K.J. Preventing ingress in the return path [CATV] 119470
Oliver, R., Reeves, T. An investigation of the use of telecommunications to increase equity and access to education in rural schools in Western Australia 112792
Oliver, S.A. *see* Hamdeh, H.H. 64337
Oliver, S.N. *see* Percival, R.M. 78947
Oliver, S.N. *see* Percival, R.M. 109649
Oliver, T.N. *see* Baker, R.T. 103161
Oliver, T.N. *see* Jay, S. 112642
Oliver, T.N. *see* Maggs, J.D. 122005
Oliver, W.R., Altschuler, B.R. Image processing and 3D visualization in forensic pathologic evaluation 66867
Oliver, W.R. *see* Altschuler, B.R. 66865
Oliveras, A., Salembier, P. Generalized connected operators 86924
Oliveria, A.A. *see* Menezes, V.M. 87492
Oliveti, G. *see* Delpiano, F. 99461
Olivier, G. *see* Ba-Razzouk, A. 121937
Olivier, J. *see* Ferro, G. 94441
Olivier, M. *see* Cohen, K. 103655
Olivier, P. *see* Lebourges, M. 77900
Olivier, P.J. *see* Ravera, C.N. 81116
Olivieri, D.A., Lamont, P.J. Progress on the development of a concentrator wind turbine system 102578
Olivieri, D.N., Church, M., Morgan, J. A dynamic momentum compaction factor lattice in the Fermilab Debuncher ring 89694
Olivieri, M., Pieri, S., Romoli, A. Analysis of defocusing thermal effects in optical systems 116171
Olivieri, M. *see* Costa, A. 93291
Olivo, A. *see* Arfelli, F. 90367
Olivo, A. *see* Arfelli, F. 90432
Olivo, A. *see* Arfelli, F. 110579
Olivo, M. *see* Stammbach, T. 100434
Olivo, P. *see* Dalpasso, M. 63944
Olivo, P. *see* Favalli, M. 73271
Olivos, T., Majumdar, P. A computational model for forced convection cooling in electronic components 83575
Olix, G.J. New software language helps PLCs adapt to the future [power plant control] 121369
Oliynik, V.N. *see* Vovk, I.V. 120375
Olk, J. *see* Xu, Z. 117809
Ol'khovik, L.P., Borisova, N.M., Kamzin, A.S., Fisenko, O.G. Radiothermal synthesis of fine barium ferrite powders and their properties 84805
Ol'khovskii, G.G. The development of promising power-generating gas-turbine units 102470
Ol'khovskii, G.G. The development of thermal engineering technologies 121355
Ol'khovskii, G.G., Zlatogorov, M.S., Mekhanikov, A.I., Ivashchenko, M.M., Osyka, A.S., Temirov, A.M., Akhrameev, V.I., Bodrov, L.S., Gutnik, M.N., Krykin, I.N., Lagutin, I.V., Polivanov, V.G., Polyakov, V.S., Kharchenko, V.A. Results of thermal tests and precommissioning of the pilot GTE-150 gas-turbine unit at district power station GRES-3 of Mosenergo 102466
Ol'khovskii, G.G. *see* D'yakov, A.F. 121339
Olko, P. Microdosimetric interpretation of thermoluminescence efficiency of LiF:Mg,Cu,P (MCP-N) detectors for weakly and densely ionising radiations 101451
Olko, P. *see* Bilski, P. 110982
Olko, P. *see* Budzanowski, M. 110989
Olko, P. *see* Budzanowski, M. 110993
Olko, P. *see* Kalmykov, L. 110994
Olko, P. *see* Saez-Vergara, J.C. 101454
Ollacarizqueta, M.A. *see* Missana, T. 83800
Ollacarizqueta, M.A. *see* Starbov, N. 106768
Olley, P. *see* Excell, P.S. 99293
Ollier, E., Mottier, P. Integrated electrostatic microswitch for optical fibre networks driven by low voltage 119158
Ollila, J.A. A novel space vector control strategy for reversible PWM-rectifiers 91655
Ollila, M., Caelli, T. Networking of geometric concepts for algebraic metrology 87082
Ollinger, J.M. The effect of energy threshold on image variance in fully 3D PET 80236
Ollive, P. *see* Abbes, M. 90145
Olliver, M. *see* Goddard, N. 90617
Ollivier, F., Cervenka, P., Alais, P. Side scan sonar using phased arrays for high resolution imaging and wide swath bathymetry 88722
Olmedo, B.G. *see* Garcia, S.G. 68569
Olmedo, B.G. *see* Garcia, S.G. 85851
Olmer, L.H. Financing the global information infrastructure 87821
Olmo, G. *see* Lo Presti, L. 76999
Olmstead, M.M. *see* Smith, B.A. 102172
Olness, J. *see* Debbe, R. 69751
Olofsson, H. *see* Hook, M. 109437
Olofsson, L., Bodtker, E., Jacobsen, G. Design of OFDM systems at high power levels 88454
Olofsson, M., Andersson, G., Soder, L. Modelling of constraints in linear programming based optimal power flow 101723
Olozabal, A.Quiros *see* Quiros Olozabal, A.
Olschner, F. Silicon drift photodiode array detectors 80065
Olsder, G.J. *see* Jean-Marie, A. 72469
Olsen, B.T., Ims, L.A., Overli, T., Stordahl, K., Myhre, D., Driskens, M., Kraushaar, J., Tahkokorpi, M., Ravera, M., De Bortoli, M., Zaganiaris, A., Markathos, S., Lahteenoja, M., Mononen, J. PNO and CATV operator broadband upgrade technology alternatives: a technoeconomic analysis 78788
Olsen, B.T., Zaganiaris, A., Stordahl, K., Ims, L.A., Myhre, D., Overli, T., Tahkokorpi, M., Welling, I., Drieskens, M., Kraushaar, J., Mononen, J., Lahteenoja, M., Markatos, S., De Bortoli, M., Ferrero, U., Ravera, M., Balzaretti, S., Fleuren, F., Gieschen, N., De Oliveira Duarte, M., de Castro, E. Techno-economic evaluation of narrowband and broadband access network alternatives and evolution scenario assessment 98910
Olsen, B.T. *see* Ferrero, U. 98911
Olsen, D.K. First generation ISOL radioactive ion beam facilities 79914
Olsen, D.K. *see* Bailey, J.D. 79921
Olsen, D.K. *see* Dowling, D.T. 100713
Olsen, D.K. *see* Meigs, M.J. 79886
Olsen, E.T. *see* Levin, S. 79111

Olsen, G., McDermith, W. VHDL for FPGA design 61740
Olsen, I.I., Koksbang, R. A temperature study of the ionic conductivity of a hybrid polymer electrolyte 81698
Olsen, I.I. *see* West, K. 81682
Olsen, J. *see* Carlsson, L. 81206
Olsen, J. *see* Teytelman, D. 100523
Olsen, J.A., Moskowitz, W.P. Monochromatic imaging to obtain spatial distributions of HID lamp radiating species 112589
Olsen, J.B. *see* Olerud, H.M. 120362
Olsen, J.S. *see* Hansen, O.P. 94484
Olsen, L. The etaCOM network 87732
Olsen, L.C., Addis, F.W., Wenhua Lei, Jun Li Efficient direct ZnO/CIS solar cells 112400
Olsen, L.M. Death of a phone system: an Internet viewpoint on computer telephony integration 87736
Olsen, P., Elia, C. Performance of multiple-symbol differential detection in a non-linear satellite channel 78633
Olsen, P.T. *see* Stenbakken, G.N. 68947
Olsen, R. *see* Lund, J.C. 80154
Olsen, R. *see* Lund, J.C. 100829
Olsen, R. *see* Winn, R. 104954
Olsen, R.G., Lyon, C.E. Modeling of extremely low frequency magnetic field sources using multipole techniques 85801
Olsen, R.G., Moreno, P. Some observations about shielding extremely low-frequency magnetic fields by finite width shields 107934
Olsen, R.W. *see* Lund, J.C. 110575
Olsen, R.W. *see* McGregor, D.S. 80059
Olsen, R.W. *see* McGregor, D.S. 80153
Olsen, R.W. *see* McGregor, D.S. 92663
Olsen, R.W. *see* McGregor, D.S. 100871
Olsen, R.W. *see* Schieber, M. 110578
Olsen, S. One-way paging to NPCS: Strategies for migration 119031
Olsen, S. *see* Aronstein, D. 69717
Olsen, S. *see* Kichimi, H. 69718
Olshansky, R., Ruth, G., Shuang Deng Residential LAN architecture 118430
Olshansky, R. *see* Joyce, G.R. 98908
Ol'shantetskii, E.B. *see* Bykov, A.A. 105334
Olshausen, B.A., Field, D.J. Learning efficient linear codes for natural images: the roles of sparseness, overcompleteness, and statistical independence 108526
Olshausen, R.V. *see* Peschke, E.F. 81083
Olshen, R.A. *see* Nash, C.L. 86737
Olsher, R.H. *see* Brown, D. 70285
Olson, A. *see* Tan, N. 93502
Olson, B., Balram, N. Lower bound for LCD image quality 100214
Olson, C.F. Decomposition of the Hough transform: Curve detection with efficient error propagation 67243
Olson, C.F. *see* Huttenlocher, D.P. 67263
Olson, C.L. *see* Hanson, D.L. 110514
Olson, C.W. Project: electro-cardiographic data collection system 69927
Olson, D.G. *see* Burke, W.J. 111023
Olson, D.T. *see* Asif Khan, M. 75936
Olson, E.S. *see* Statler, C.E. 79358
Olson, J. *see* Dahlgren, K. 81211
Olson, J.A. *see* Spencer, T. 110795
Olson, J.C. *see* Davis, H.A. 119971
Olson, J.C. *see* Greenly, J.B. 69700
Olson, J.M. *see* Friedman, D.J. 112348
Olson, M. *see* Maly, K.J. 118346
Olson, M. *see* Maly, K.J. 118500
Olson, R. *see* Wary, J. 84675
Olson, T. An RF and microwave fiber-optic design guide 109626
Olson, W.S. *see* Kummerow, C. 111230
Olson, W.W., Milacic, D. Development of anti-lock braking traction and control systems of the Advanced Technology Demonstrator II using DADS simulation code 90909
Olsson, A., Enoksson, P., Stemme, G., Stemme, E. An improved valve-less pump fabricated using deep reactive ion etching 74967
Olsson, A., Stemme, G., Stemme, E. Micromachined diffuser/nozzle elements for valve-less pumps 74955
Olsson, A. *see* Stemme, G. 112169
Olsson, E.M. A system for flexible service-independent access network solutions 87975
Olsson, G. *see* Samuelsson, O. 101968
Olsson, G. *see* Sobral, L. 80694
Olsson, J. *see* Edholm, B. 63666
Olsson, J. *see* Keskitalo, N. 74343
Olsson, N. *see* Ringbom, A. 69874
Olsson, N. *see* Ringbom, A. 80134
Olsson, S. Telemedicine in the Nordic countries: diffusion and technology assessment 80169
Olsson, S., Busch, C. Evaluation of telepathology in Sweden 110667
Olsson, S. *see* Karner, G. 110811
Olsson, S. *see* Tohme, W.G. 110807
Olsson, T. *see* Ljungberg, M. 101104
Olstad, B., Torp, A.H. Encoding of a priori information in active contour models 117555
Olszewski, J. *see* Pietruszko, S.M. 94684
Olszewski, M. *see* Wislicki, K.R. 121980
Olszewski, P., Saitoh, I. Modeling of inner magnetic shielding assemblies in cathode ray tubes by 3-dimensional finite element method 114541
Olszowska, J. *see* Ban, J. 69810
Olszyna, A. *see* Szmidt, J. 63242
Olszyna, A. *see* Werbowy, A. 94581
Olteanu, I.D., Helerea, E., Cernat, M. Soft magnetic material power losses in harmonic regime 75078
Olthuis, W. *see* Volanschi, A. 84621
Oltman, E. *see* Beuville, E. 101309
Oltman, H.G., Jr. Retrospective on the career of Mario A. Maury, Jr 92361
Oltman, R. CDMA noise measurements 118818
Oltmans, S.J. *see* Froidevaux, L. 120781
Oltmans, S.J. *see* Lahoz, W.A. 120782
Oltra, R., Yavas, O., Cruz, F., Boquillon, J.P., Sartori, C. Modelling and diagnostic of pulsed laser cleaning of oxidized metallic surfaces 94795
Olukotun, K. *see* Levitt, J. 83155
Olver, P.J., Sapiro, G., Tannenbaum, A. Affine invariant detection: edges, active contours, and segments 86423
Olympia, P.L. Cold Fusion 1.5, Autobahn 77929
Olyslager, F. High-frequency reciprocity based circuit model for the incidence of electromagnetic waves on general circuits in layered media 73008
Olyslager, F., Lindell, I.V. Capacitance relations for a class of two-dimensional conductor configurations 107745
Olyslager, F. *see* De Backer, B. 76430
Olyslager, F. *see* De Backer, B. 107913
Olyslager, F. *see* De Langhe, P. 116939
Olyslager, F. *see* De Zutter, D. 65944
Olyslager, F. *see* Jakoby, B. 76329
Olyslager, F. *see* Rogier, H. 97267
Olyslager, F. *see* Williams, D.F. 116952
Olzi, E., Masini, R., Eggenhoffner, R. HTSC textured tapes by cryoelectrophoretic technique 115906
Olzi, E., Molena, R. Technological application of high T_c superconductors 115904
Olzi, E. *see* Varesi, E. 115905
Omachi, S., Fang Sun, Aso, H. An algorithm for construction of multi-template dictionary for character recognition considering between-class variation 108692
O'Mahony, M.J. *see* Jingyu Zhou 78923
O'Mahony, M.J. *see* Robinson, A. 109321
O'Mahony, M.J. *see* Wuttisittikulkij, L. 78749
O'Mahony, M.J. *see* Yu, A. 75847
O'Mahony, M.J. *see* Zhou, J. 88451
O'Malley, C., Langton, S., Anderson, A., Doherty-Sneddon, G., Bruce, V. Comparison of face-to-face and video-mediated interaction 118527
O'Malley, K. *see* Levin, G. 73090
O'Malley, M. *see* Donaldson, G. 90935
O'Malley, M.J. *see* O'Sullivan, J.W. 70724
O'Malley, M.J. *see* O'Sullivan, J.W. 101943
O'Malley, M.W. *see* Loubriel, G.M. 94873
O'Malley, S. *see* Castelluccia, C. 118146
O'Malley, S. *see* Mosberger, D. 118120
Oman, D. *see* Ferekides, C.S. 112338
Oman, D.M., Ferekides, C.S., Morel, D.L. Device performance characterization and modeling of recombination current in CdTe/CdS pn junction diodes 112332
Oman, H. Batteries vs. alternatives for storing energy 102477
Omar, A.A., Drolet, D., Stubbs, M.G. Design and analysis of an HTS coplanar waveguide branch-line coupler 114211
Omar, A.M. *see* Sei Chan 81940
Omar, A.S. *see* Jostingmeier, A. 105027
Omar, A.S. *see* Rieckmann, C. 85927
Omar, A.S. *see* Rieckmann, C. 97234
Omar, A.S. *see* Tupynamba, R.C. 82826
Omar, A.S. *see* Zhuck, N.P. 97014
Omar, M. *see* Ostrirov, V.N. 103066
Omar, O.A. *see* Fikry, W. 63754
Omar, R.A.K. *see* Abd-Allah, A.M. 113114
Omar, S.I. *see* Gelli, K. 77122
O'Mara, K. *see* Ambrose, J. 70580
O'Mara, W.C. Liquid-crystal displays tackle the desktop 100207
Omata, K. *see* Kim, Y.D. 69812
Omata, K. *see* Ota, H. 101937
Omata, M. *see* Tanaka, K. 99783
Omata, T., Uemura, K. Analysis of the effects of series and parallel impedance on the static voltage characteristics of a power system load 120963
Omata, T. *see* Sanada, M. 105727
Omatu, S. *see* Jyo, Y. 77336
Omatu, S. *see* Matusita, K. 121039
Omatu, S. *see* Yoshida, T. 80599
Ombres, D. *see* Inacio, C. 104567
O'Meara, J.E. *see* Street, A.J. 84927
O'Meara, T.R. *see* Pepper, D.M. 103478
Omeich, M. *see* Chehab, R. 89714
Omeich, M. *see* Garvey, T. 90080
Omel'chenko, A.V., Kivva, F.V., Shapiro, A.A., Zotov, S.M. Synthesis and investigation of adaptive algorithms for radiolocation recognition of spatially distributed targets using narrow-band probing signals 67180
Omel'chenko, V.A. *see* Bezruk, V.M. 66755
Omel'yanchuk, A.N. *see* Vol, E.D. 106696
Omel'yanenko, M.Y., Pravda, V.I., Taranenko, V.P., Tkachenko, L.A., Tureyeva, V. Video signal transmission system for the millimeter band 79132
Omenetto, F.G., Nelson, T.R., Longworth, J.W., Schroeder, W.A., Rhodes, C.K. Design and analysis of a new solid-state deep-UV laser based on $\mathrm{Ce^{3+}:LiSrAlF_6}$ 96211
Omenetto, N. *see* Petrucci, G.A. 69136
Omeragic, D. *see* Silvester, P.P. 70460
Ometto, A. *see* Filippetti, F. 91516
Ometto, A. *see* Gentile, G. 91562
Ometto, A. *see* Gentile, G. 112432
Omi, S., Hata, C., Uchida, K., Kaneko, S., Tanji, H., Asahara, Y. Nonlinear optical properties of glasses doped with a high amount of semiconductor microcrystallites 76233
Omiya, M. *see* Saitoh, H. 68174
Omiya, T. *see* Sugiyama, T. 118945
Omiya, T. *see* Tanaka, H. 121155
Omlin, C.W., Giles, C.L. Stable encoding of large finite-state automata in recurrent neural networks with sigmoid discriminants 66288
Omling, P., Carlsson, N., Deppert, K., Kowalski, B., Linke, H., Miller, M.S., Ramvall, P., Samuelson, L., Seifert, W. Physics and applications of mesoscopic structures 83935
Omling, P., Ramvall, P., Palm, T., Thylen, L. The mesoscopic electron Y-branch switch 63807
Omling, P. *see* Kowalski, B. 63000
Omling, P. *see* Kowalski, B. 114744
Omling, P. *see* Ramvall, P. 105339
Omori, E. *see* Kurokawa, Y. 73454
Omori, H. *see* Hirasawa, N. 95330
Omori, H. *see* Imai, T. 103166
Omori, H. *see* Izaki, K. 91966
Omori, T. *see* Nakanishi, T. 114507
Omori, T. *see* Okugi, T. 100782
Omotani, M., Takahashi, T. Network design of B-ISDN using the group virtual path scheme 98802
Omote, T. *see* Senoo, M. 111740
Omoto, O. *see* Yokouchi, K.-I. 104066
Omoto, O. *see* Zhang Zhi-lin 85306
Omoya, K. *see* Bessho, Y. 82239
Omstead, T. *see* Moslehi, M.M. 84056
Omstead, T.R. *see* Braeckelmann, G. 84217
Omura, B. *see* Watanabe, H. 65356
Omura, E. *see* Watanabe, H. 68413
Omura, H., Kasumi, Y., Nishigaki, N., Sudo, K. MT110/MT120 digital manometer 89204
Omura, I. *see* Nakagawa, A. 61641
Omura, K., Tetsutani, N., Kishino, F. Lenticular stereoscopic display system with eye-position tracking and without special-equipment needs 100195
Omura, K. *see* Shiwa, S. 89252
Omura, M., Hibino, S., Kuwajima, T., Yokoi, K., Hotta, T. Application of aluminum reflow technology for ULSI metallization 94821
Omura, T., Kondo, H. Improvement of the cross-linking reactivity of polyvinyl acetal as an alternative to polyvinyl chloride 115827
Omura, T. *see* Nagai, Y. 120182
Omura, Y., Izumi, K. Quantum mechanical influences on short-channel effects in ultra-thin MOSFET/SIMOX devices 63751
Omura, Y. *see* Itsumi, M. 94772
On-Ching Yue Design trade-offs in cellular/PCS systems 109464
On-Ching Yue *see* Mooi Choo Chuah 77737
Onabe, H. *see* Miyachi, T. 80020
Onabe, K. *see* Usami, N. 74357
Onado, C. *see* Baschirotto, A. 95215
Onai, T. *see* Shiba, T. 106244
Onak, G. *see* Goel, J. 83466
Onaka, H., Kinoshita, S., Chikama, T. Wavelength-division-multiplexing technology for broadband lightwave communication systems 99481
Onaka, H., Miyata, H., Ishikawa, G., Otsuka, K., Ooi, H., Kai, Y., Kinoshita, S., Seino, M., Nishimoto, H., Chikama, T. 1.1 Tb/s WDM transmission over a 150 km 1.3 μm zero-dispersion single-mode fiber 88642
Onaka, K., Sakakima, H., Yamamoto, S., Maekawa, S., Satomi, M., Okamoto, M. FPM sensor: Magnetoresistive sensor element for fine pitch detection 119595
Onaral, B. *see* Maskarinec, G.J. 61519
Onarkulov, K.E. *see* Karabaev, M.K. 75718
Onarkulov, K.E. *see* Mamadalimov, A.T. 62785
Oncel, D. *see* Sandu, L. 78329
Oncica, D., Preda, C. Ensuring the protection and selectivity by circuit breakers in low voltage distribution networks 102065
Oncina, J. *see* Mico, L. 77481
Onda, K. *see* Fujihara, A. 63795
Onda, K. *see* Kato, K. 102426
Onda, K. *see* Ohata, K. 73774
Onda, S. *see* Kumar, R. 75984
Onda, T. *see* Hara, T. 114825
Onders, J.P., Seshu, P., Naganathan, N.G. Taguchi optimization of strain transfer in an induced strain actuator 84712
Ondrusek, J.C. *see* McKee, W.R. 93387
Ondrusek, J.C. *see* McPherson, J.W. 63446
One, M. *see* Bessho, Y. 82239
O'Neil, M.O. *see* Rohan, D. 63293
O'Neill, A., Coe, M.A. Increasing reflective instructional decision making by clinically supervising teachers using telecommunications 118308
O'Neill, A. *see* Wilson, C. 84471
O'Neill, A.G. Semiconductor technology computer aided design 63923
O'Neill, A.G., Antoniadis, D.A. Deep submicron CMOS based on silicon germanium technology 63945

O'Neill, A.G., Antoniadis, D.A. High speed deep sub-micron MOSFET using high mobility strained silicon channel 84409
O'Neill, A.G. *see* Trattles, J.T. 63425
O'Neill, A.G. *see* Wright, N.G. 84285
O'Neill, D. *see* Awad, M. 103052
O'Neill, M., Denos, M. Automated system for coarse-to-fine pyramidal area correlation stereo matching 77204
O'Neill, M. *see* Atkinson, R. 106887
O'Neill, M. *see* Cain, N. 74380
O'Neill, M. *see* Chen, P. 74407
O'Neill, M.J., McDanal, A.J. Manufacturing technology improvements for ENTECH's photovoltaic concentrator module 112386
O'Neill, P. *see* Jarett, K. 109559
O'Neill, P.E., Hsu, A.Y., Jackson, T.J., Wood, E.F., Zion, M. Investigation of the accuracy of soil moisture inversion using microwave data and its impact on watershed hydrological modeling 120840
O'Neill, P.E. *see* Jackson, T.J. 120842
O'Neill, P.O. *see* Fung, A.K. 120864
O'Neill, R., Lopes, L.B. Envelope variations and spectral splatter in clipped multicarrier signals 86291
O'Neill, R., Lopes, L.B. A study of novel OFDM transmission schemes for use in indoor environments 117941
O'Neill, R.C., Callis, R.W., Cary, W.P., Doane, J.L., Gallix, R., Hodapp, T.R., Lohr, J.M., Luce, T.C., Moeller, C.P. ECH mirror interface tank for 110 GHz, 1 MW gyrotron 105029
O'Neill, T.G. *see* Jones, C.E. 110529
O'Neill, W.A. *see* Chou, J. 87226
Onellion, M. *see* Eckstein, J.N. 72852
Oneto, A. *see* Bianco, B. 86617
Ong, C.H. *see* Lim, T.K. 86654
Ong, C.K. *see* Linfeng Chen 110345
Ong, C.K. *see* Salous, S. 61671
Ong, C.K. *see* Song, Z.G. 64141
Ong, C.T., Leung, C. Influence of guard times on the performance of slotted frequency-hopped spread spectrum multiple access systems 98427
Ong, E.K. *see* Lim, S.S. 83604
Ong, H.L. Normally black and normally white color-super-parallel LCDs with wide viewing angle and complete black state for all colors 89412
Ong, H.L. Cell-gap and twist-angle measurements for TN-LCDs by light interference, optical compensation, and rotating-polarizer methods 89443
Ong, L.Y. Modular evolution of network signaling for broadband 77735
Ong, N.S. A decision-support tool for printed circuit board assembly 73879
Ong, S.H., Xiaofan Liu, Shaohua Tan Fuzzy segmentation of kidney electron micrograph images 90392
Ong, S.H. *see* Bi, M. 87060
Ong, S.H. *see* Tan, K.T. 73572
Ong, S.H. *see* Tay, A.A.O. 74632
Ong, S.H., Radhakrishnan, M.K. *(editors)* Proceedings of the 1995 5th International Symposium on the Physical and Failure Analysis of Integrated Circuits (Cat. No.95TH8113) 72056
Ong, S.L., Goh, W.B. Location of targets in vision systems 86645
Ong, T. *see* Anson, S. 120934
Ong, T.C. *see* Boguslavsky, I. 60649
Ong, V.K.S. *see* Kolachina, S. 94848
Ong-Hall, C.L. *see* Blackwell, A.K. 81081
Onga, M. *see* Kubota, Y. 109942
Ongareau, E., Maes, P., Wyrwinski, J. Broadband microstrip antenna with integrated radome 66091
Ongareau, E., Maroaby, E., Maes, P., Levrel, J.R., Daniel, L., Chevalier, Y. Design and characterisation of microwave focusing corrugated horns 66070
Onge, O.St. *see* St. Onge, O.
Ongstad, A.P., Tilton, M.L., Bochove, E.J., Dente, G.C. Carrier spillover at 300, 195, and 77 K in InGaAs and GaAs single quantum wells 107307
Oni, J.O. *see* Davidson, I.E. 101844
Onikura, H. *see* Katsuki, A. 112884
Onillon, E., Brennan, J.M. The new booster synchronization loop 100621
Onillon, E. *see* Ratti, A. 100615
Onipko, A.I., Malysheva, L.I., Klimenko, Yu.A. On additional conductance quantization and related effects of an electric field in 2D quantum point contacts 94545
Onisawa, K. *see* Ono, K. 119817
Onishi, K., Shinohara, J., Inoue, T., Inoue, S., Kumano, M., Takano, H. Trick play method for digital VCRs 119493
Onishi, K. *see* Taguchi, Y. 84750
Onishi, K. *see* Takano, H. 103088
Onishi, M., Kanamori, H., Kato, T., Nishimura, M. Optimization of dispersion-compensating fibers considering self-phase modulation suppression 75474
Onishi, M. *see* Koyano, Y. 65067
Onishi, M. *see* Nishimura, M. 78818
Onishi, M. *see* Shigematsu, M. 88499
Onishi, S., Yoshimatsu, H., Kawamura, A., Ashizaki, K. An approach to natural vision using a novel head-mounted display 89365
Onishi, T. *see* Higuchi, N. 102606
Onishi, T. *see* Kajikawa, K. 102264
Onishi, Y., Sato, K., Chiba, K., Asano, M., Niki, H., Hayase, R., Hayashi, T. Quarter- and sub-quarter-micron deep UV lithography with chemically amplified positive resist 105760
Onishi, Y. *see* Konishi, Y. 105912
Onitsuka, O., Fou, A.C., Ferreira, M., Hsieh, B.R., Rubner, M.F. Enhancement of light emitting diodes based on self-assembled heterostructures of poly(p-phenylene vinylene) 116271
Onitsuka, O. *see* Fou, A.C. 75746
Onizawa, K. *see* Nakamura, T. 72269
Onken, R. *see* Proch, D. 100677
Onnagawa, H. *see* Kometani, Y. 116140
Onnagawa, H. *see* Okada, H. 89349
Onnasch, D.G.W. *see* Prause, G.P.M. 101195
Onnegren, J., Svedin, J., Sahlen, O., Jansson, M., Alping, A. Analog characterisation of a Franz-Keldysh electroabsorption modulator monolithically integrated with a DFB laser 68455
Onno, P. *see* Jain, N. 83536
Ono, A. *see* Abiko, H. 84594
Ono, A. *see* Ikeda, M. 76318
Ono, A. *see* Kihwan Ju 69934
Ono, A. *see* Mizuno, M. 61853
Ono, A. *see* Motomura, Y. 104239
Ono, A. *see* Takenaka, N. 110447
Ono, C. *see* Nishiyama, S. 87593
Ono, F. *see* Ogawa, F. 67355
Ono, H., Nakagawa, K., Yamada, M., Sudo, S. Er^{3+}-doped fluorophosphate glass fibre amplifier for WDM systems 96155
Ono, H., Umemoto, Y., Mori, M., Miyazaki, M., Terano, A., Kudo, M. Pseudomorphic power HEMT with 53.5% power-added efficiency for 1.9-GHz PHS standards 83373
Ono, H. *see* Fuda, Y. 119800
Ono, H. *see* Morioka, T. 68369
Ono, H. *see* Morioka, T. 88644
Ono, H. *see* Nakamura, R. 77879
Ono, H. *see* Suzuki, H. 61888
Ono, J. *see* Nagai, H. 69365
Ono, K., Qixin Huang, Jui-Yu Wu AE/pattern recognition analysis of the fracture of glass fiber composites exposed to hot-wet conditions 113615
Ono, K., Saito, T., Hidaka, N., Ohashi, Y., Aoki, Y. A 60-GHz HEMT-based MMIC direct-detection receiver for application in non-contact ID card systems 114306
Ono, K., Shimada, H., Kobayashi, S., Ootuka, Y. A new fabrication method for ultra small tunnel junctions 63184
Ono, K., Suzuki, T., Sakuta, H., Onisawa, K., Hiroshima, M., Sasaki, T., Tsumura, M., Konishi, N. A 24 cm diagonal TFT-LCD fabricated using a simplified, four-photolithographic mask process 119817
Ono, K., Takahasi, K. Theoretical analysis of shaft vibration supported by a ball bearing with small sinusoidal waviness 64398
Ono, K., Tanaka, H.T. Adapting color properties for smooth merging of real and virtual spaces 87142
Ono, K. *see* Akhmetov, A.A. 95417
Ono, K. *see* Andres, F. 109247
Ono, K. *see* Andres, F. 109891
Ono, K. *see* Golaski, L. 113612
Ono, K. *see* Horikawa, T. 113935
Ono, K. *see* Horikawa, T. 115444
Ono, K. *see* Inanaga, K. 105695
Ono, K. *see* Kawachi, G. 89388
Ono, K. *see* Kellerman, D. 82219
Ono, K. *see* Nishikawa, K. 74550
Ono, K. *see* Suzuki, E. 109403
Ono, K. *see* Yamamuka, M. 72870
Ono, M., Hanawa, S., Wachi, Y., Hamajima, T., Yamaguchi, M. Influence of coupling current among superconducting strands on stability of cable-in-conduit conductor 95562
Ono, M., Kako, E., Noguchi, S., Saito, K., Shishido, T., Wake, M., Inoue, H., Fujino, T., Funahashi, Y., Matsuoka, M., Suzuki, T., Higuchi, T., Umezawa, H. Development of TESLA-type cavity at KEK 100494
Ono, M. *see* Iwasawa, C. 81820
Ono, M. *see* Kobayashi, T. 100162
Ono, M. *see* Makino, K. 101996
Ono, M. *see* Maruyama, M. 69497
Ono, M. *see* Momose, H.S. 84437
Ono, M. *see* Nagata, M. 81765
Ono, M. *see* Nishide, T. 113721
Ono, M. *see* Sasaki, H. 94954
Ono, M. *see* Suematsu, N. 93864
Ono, M. *see* Unekawa, Y. 78296
Ono, M. *see* Wakatsuki, N. 106393
Ono, M. *see* Yachi, M. 106402
Ono, N. *see* Rahmani, A.T. 84523
Ono, N. *see* Tashiro, Y. 78270
Ono, N. *see* Uchibori, C.J. 63115
Ono, R. Critical obstacles to telecommunications development in developing countries 87531
Ono, R.H. *see* Kunkel, G. 106703
Ono, R.H. *see* Rosenthal, P.A. 95503
Ono, S. Tele-medicine services and the network technology for providing them 70056
Ono, S. Tele-medicine services and the network technology 80338
Ono, S. Development of bright exit lights 81988
Ono, S. Invention and developments of peniotron and ledatron 105028
Ono, S., Suzuki, J. Perspective for super-high definition image systems 77222
Ono, S., Takeo, T., Hirano, S. Processing of highly oriented LiNbO$_3$ films for waveguides from aqueous solution 82709
Ono, S. *see* Fujii, T. 87860
Ono, S. *see* Hara, T. 91209
Ono, S. *see* Kanehara, T. 119808
Ono, S. *see* Koiwa, I. 110285
Ono, S. *see* Sawabe, T. 67121
Ono, S. *see* Suzuki, J. 97876
Ono, S. *see* Tsutaya, T. 62169
Ono, T. Two-phase controlled switched-capacitor impedance simulation circuits using one voltage follower 73080
Ono, T., Hamasaki, R., Mizutani, T. Mechanism for CF polymer film deposition through deep SiO$_2$ holes in electron cyclotron resonance plasma 72867
Ono, T., Ogawa, K. Image segmentation using circularly spread MR images 101244
Ono, T. *see* Kato, K. 105105
Ono, T. *see* Levy, P.M. 75207
Ono, T. *see* Nakamoto, M. 74013
Ono, T. *see* Okabe, S. 102897
Ono, T. *see* Shingu, H. 79080
Ono, T. *see* Shishikura, M. 116223
Ono, T. *see* Wada, T. 89578
Ono, T. *see* Yamamoto, T. 98895
Ono, T. *see* Yoshida, T. 73330
Ono, Y., Takahashi, A.Y., Horiguchi, S., Murase, K., Tabe, M. Electron tunneling from the edge of thin single-crystal Si layers through SiO$_2$ film 114836
Ono, Y. *see* Yoshii, K. 90566
Onoda, A. *see* Suzuki, H. 100108
Onoda, H., Narita, T., Touchi, K., Hashimoto, K. Effects of insulator surface roughness on Al-alloy film properties and crystallographic orientation in Al-alloy/Ti/insulator structure 94837
Onoda, H. *see* Hashimoto, K. 63476
Onoda, H. *see* Yamamoto, K. 91233
Onoda, M., MacDiarmid, A.G. Electroluminescent devices using n-type conducting polymers: Poly(p-pyridyl vinylene) 85294
Onoda, M., Yoshino, K. Unique electrical properties of self-assembled ultra-thin polymer film 61453
Onoda, M. *see* Kamatani, H. 114498
Onoda, T. *see* Miwa, S. 89450
Onodera, H. *see* Guangqiu Chen 93294
Onodera, H. *see* Iwata, T. 98132
Onodera, K., Hirano, M., Toyoda, I., Tokumitsu, M., Tokumitsu, T. Folded U-shaped microwire technology for ultra-compact 3D MMICs 93878
Onodera, K., Muraguchi, M. Very low-intermodulation GaAs mixers with negative feedback 61686
Onodera, M., Matsuda, H., Mori, H., Ito, T. A color display tube with a high-contrast and anti-reflection coating 89446
Onodera, M. *see* Kasai, J. 103454
Onodera, N. THz optical beat frequency generation by modelocked semiconductor lasers 65344
Onodera, N. Optical beat frequency generation up to 40.6 THz by mode-locked semiconductor lasers 107248
Onodera, N. *see* Hyodo, M. 96237
Onodera, R., Ishii, Y. Effect of beat frequency on the measured phase of laser-diode heterodyne interferometry 100363
Onodera, R., Ishii, Y., Kamshilin, A.A., Jaaskelainen, T. Double phase conjugation in a photorefractive fiber with semiconductor laser-diodes 85724
Onodera, S., Takeda, T., Kawana, T. The archival stability of metal evaporated tape for consumer digital VCRs 64435
Onodera, T. STAR OFFICE/Business supplies 77909
Onofre, A. *see* Alvsvaag, S.J. 90124
Onofri, G. *see* Speciale, N. 115163
Onofri, G. *see* Speciale, N. 115173
Onofrio, R. *see* Carugno, G. 100803
Onofrio, R. *see* De Riva, A.M. 96579
Onokhov, A.P. *see* Ivanova, N.L. 106881
Onomi, T., Mizugaki, Y., Yamashita, T., Nakajima, K. Binary counter with new interface circuits in the extended phase-mode logic family 115916
Onomi, T. *see* Mizugaki, Y. 83055
Onomoto, T. *see* Maeda, T. 102797
Onomura, M. *see* Rennie, J. 64984
Onori, S. *see* Fattibene, P. 120574
Onosato, M. *see* Kawano, T. 101058
Onose, H. *see* Tanaka, K. 74078
Onosovskii, K.K. *see* Kats, M.M. 90585
Onosovskii, K.K. *see* Kats, M.M. 90586
Onoue, K., Nishikawa, T., Katsuno, M., Ohtani, N., Yashiro, H., Kanaya, M. Nitrogen incorporation kinetics during the sublimation growth of 6H and 4H SiC 61146
Onoue, K., Nishikawa, T., Katsuno, M., Ohtani, N., Yashiro, H., Kanaya, M. Fabrication of low resistivity n-type 6H and 4H SiC substrates by the sublimation growth 103821
Onoue, T. *see* Yoshida, K. 64530
Onoue, T. *see* Yoshida, K. 115888
Onoyama, A. *see* Kotera, H. 95356
Onoye, T., Fujita, G., Shirakawa, I., Matsumura, K., Ariyoshi, H., Tsukiyama, S. VLSI implementation of hierarchical motion estimator for MPEG2 MP@HL 113979
Onoye, T., Fujita, G., Takatsu, M., Shirakawa, I., Yamai, N. Single chip implementation of motion estimator dedicated to MPEG2 MP@HL 114003

Onozato, Y. *see* Kanazawa, A. 87694

Onozato, Y. *see* Kanazawa, A. 99299

Onozawa, A., Kitazawa, H., Kawai, K. Power and timing optimization for ECL LSIs in post-layout design 83043

Onozawa, A. *see* Koike, K. 63907

Onozawa, A. *see* Sato, H. 73033

Onozawa, Y. *see* Nagayoshi, H. 105621

Onozuka, M., Oda, Y., Azuma, K., Kasai, S., Hasegawa, K. Railgun pellet injection system using a laser-induced plasma armature 97005

Onozuka, M., Ueda, Y., Takahashi, K., Seki, Y., Ueda, S., Aoki, I. Dust removal system using static electricity 94162

Onozumi, S. *see* Yumoto, H. 61155

Onstott, R.G. Characterization of ice in the Chukchi Sea at the start of the growing season using satellite SAR 111295

Onstott, R.G. Polarimetric properties of simulated sea ice with special focus on property retrieval and important scattering processes 120858

Onstott, R.G. *see* Fung, A.K. 120861

Onuchin, V. *see* David, G. 80077

Onuchin, V. *see* David, G. 100863

Onufriev, V.V., Grishin, S.D. Experimental investigation of electric strength to inverse arc breakdown of a thermionic diode with cesium filling 104980

Onufry, M. *see* Ravishankar, C.S. 98817

Onuki, H. *see* Awazu, K. 114975

Onuki, H. *see* Saito, T. 79427

Onuki, H. *see* Saito, T. 85273

Onuki, H. *see* Saito, T. 89077

Onuki, H. *see* Yagi, K. 89634

Onuki, H. *see* Yuri, M. 89633

Onuki, J., Kawasaki, Z., Wada, M., Matso-ura, K., Matsui, T., Adachi, M. Imaging of lightning channel in three dimensions using interferometer 70496

Onuki, J., Koizumi, M. Effect of Si precipitation on damage in ultrasonic bonding of thick Al wire 83978

Onuki, J., Koizumi, M., Echigoya, J. Microstructural analysis of the bonding interface between thick Al wire and Al-1 mass%Si electrode film 82186

Onuki, J., Koizumi, M., Ishikawa, I. Effects of frequency and surface cleanliness of Al-Si electrode on ultrasonic bonding characteristics of thick Al wire bonding 114456

Onuki, J., Satou, M., Murakami, S., Morita, T., Yatsuo, T. A new low temperature diffusion bonding technology between large-area, high-power devices and internal Mo electrodes using Au-Al films 105736

Onuki, J. *see* Azegami, H. 93467

Onuki, J. *see* Kawasaki, Z. 81160

Onuki, J. *see* Matsumoto, H. 93466

Onuki, M. *see* Nakamura, H. 68300

Onuki, T., Nakatsu, T., Wakao, S., Hori, M. Magnetic field analysis of nonlinear system considering both motion and voltage equations 103136

Onuki, T., Wakao, S., Kamiya, Y. Finite element analysis of electromagnetic fields in linear motors 91557

Onuki, T., Wakao, S., Kuwahara, T., Im, J.-W. Hybrid Trefftz and finite element method applied to magnetic field analysis for rotating machines 111896

Onuki, T. *see* Kamiya, Y. 65684

Onuma, Y. *see* Kamimura, K. 104167

Onuma, Y. *see* Kobayashi, J. 104162

Onuma, Y. *see* Yonekubo, S. 104163

Onuma, Y. *see* Yonekubo, S. 114593

Onurna, Y. *see* Kamimura, K. 105720

Onvural, R. *see* Gelenbe, E. 117961

Onvural, R.A., Srinivasan, V. Computer communications TC 87824

Onyango, C.M., Marchant, J.A. Flexible colour point distribution models 108673

Onykii, B.N. *see* Evtikhiev, N.N. 77278

Ooba, N., Asobe, M., Tomaru, S., Kaino, T., Yamada, W., Takagi, M., Yamamoto, T. Third-order optical nonlinearities and channel waveguide fabrication of processable π-conjugated poly(aryleneethynylene) type polymer 85046

Oobe, M. *see* Matsushita, K. 81152

Oobuchi, T., Fukui, T., Yamada, T., Ikuhara, Y., Kodera, K. Preparation of SOFC electrode powders by the aerosol flow pyrolysis method and characteristics of the electrodes 81828

Oodaira, H. *see* Nakamura, H. 93368

Oodo, M., Ando, M. Equivalence of physical optics and aperture field integration method in the full pattern analysis of reflector antennas 117052

Oodo, M. *see* Shuguang Chen 116872

Oohama, Y. Universal coding for correlated sources with linked encoders 66284

Oohama, Y. Gaussian multiterminal source coding 66354

Oohara, T. *see* Tsukada, M. 109319

Oohashi, H. *see* Kondo, Y. 107264

Oohashi, H. *see* Sakai, Y. 75976

Oohashi, H. *see* Seki, S. 96292

Oohashi, T. *see* Kojima, T. 94035

Ooi, B.-T., Kazerami, M. Unified power flow controller based on matrix converter 121092

Ooi, B.-T. *see* Lopes, L.A.C. 121005

Ooi, B.S., Portnoi, E.L., McLean, C.J., McKee, A., Bunon, C.C., Bryce, A.C., De La Rue, R.M., Marsh, J.H. Direct writing of gratings in GaInAs/GaInAsP quantum wells using pulsed laser irradiation 95777

Ooi, B.S., Street, M.W., Ayling, S.G., Bryce, A.C., Marsh, J.H., Roberts, J.S. The application of the selective intermixing in selected area (SISA) technique to the fabrication of photonic devices in GaAs/AlGaAs structures 114852

Ooi, H. *see* Ishikawa, G. 78684

Ooi, H. *see* Onaka, H. 88642

Ooi, J.A. *see* Ling, C.H. 63138

Ooi, K. *see* Sugiki, T. 67194

Ooi, Y. *see* Hirai, Y. 89447

Ooi, Y. *see* Kumai, H. 95853

Ooi, Y. *see* Taniguchi, A. 76781

Ooi Boon-Teck *see* Boon-Teck Ooi

Ooishi, N. *see* Yoshizawa, Y. 83268

Ooishi, N. *see* Yoshizawa, Y. 100950

Ooishi, T., Komiya, Y., Hamade, K., Asakura, M., Yasuda, K., Furutani, K., Kato, T., Hidaka, H., Ozaki, H. A mixed-mode voltage down converter with impedance adjustment circuitry for low-voltage high-frequency memories 61899

Ooishi, T., Komiya, Y., Hamade, K., Asakura, M., Yasuda, K., Furutani, K., Kato, T., Hidaka, H., Ozaki, H. A mixed-mode voltage down converter with impedance adjustment circuitry for low-voltage high-frequency memories 93614

Ooki, N. *see* Kimura, H. 109188

Ooki, N. *see* Mizuno, H. 73354

Ookubo, M. *see* Higashi, S. 80877

Ookuma, K. *see* Tsukano, K. 93626

Ookura, N. *see* Kimura, H. 109188

Oomori, T. *see* Horikawa, T. 113935

Oomori, T. *see* Horikawa, T. 115444

Oomori, T. *see* Nishikawa, K. 74550

Ooms, B. *see* Glass, E. 83459

Ooms, B. *see* Glass, E. 93789

Ooms, B. *see* Hallmark, J. 84533

Ooms, E. *see* Kuper, F. 95124

Ooms, E.R. *see* van der Pol, J.A. 94838

Ooms, E.R. *see* Van Der Pol, J.A. 115296

Oomura, Y. *see* Koyama, M. 95323

Oomura, Y. *see* Koyama, M. 106389

Oomura, Y. *see* Momosaki, E. 106382

Oonari, H. *see* Kojima, T. 94035

Oono, T. *see* Takanashi, H. 118869

Oono, Y. Formulation of the design of FIR filters on the basis of the Lagrange interpolation formula 114095

Oorschot, P.C.van *see* van Oorschot, P.C.

Oort, J.M.van *see* van Oort, J.M.

Oosaki, K., Akaiwa, Y. Nonlinearity compensation of linear power amplifier for mobile communication 68220

Oosenbrug, A. *see* Meier, H.P. 76013

Ooshita, S. *see* Akizuki, O. 99300

Oost, E.Van *see* Van Oost, E.

Oosterbaan, W.A. *see* Beissner, K. 89582

Oosterbaan, W.A. *see* Hekkenberg, R.T. 101089

Oosterlaken, T.G.M. *see* Jongste, J.F. 63216

Oosthuizen, P. *see* Lukas, R. 102475

Oostra, D.J., Politiek, J., Bulle-Lieuwma, C.W.T., Vandenhoudt, D.E.W., Zalm, P.C. Can carbon-implanted silicon be applied as wide-bandgap emitter? 105556

Oostveen, K. *see* Birk, H. 93157

Oota, A., Fukunaga, T., Matsui, M. AC transport losses of textured $Ag-(Bi,Pb)_2Sr_2Ca_2Cu_3O_x$ tapes 106646

Oota, A. *see* Fukunaga, T. 84870

Oota, T. *see* Arai, F. 89513

Oota, T. *see* Arai, F. 110392

Ootaguro, Y. *see* Murakami, H. 73300

Ootani, W., Ito, Y., Nishigaki, K., Kishimoto, Y., Minowa, M., Ootuka, Y. Sensitive germanium thermistors for cryogenic thermal detector of Tokyo dark matter search programme 63541

Oothoudt, M.A. *see* Szymanski, J.J. 110589

Ootsuka, E. *see* Matsukura, N. 84731

Ootuka, Y. *see* Ono, K. 63184

Ootuka, Y. *see* Ootani, W. 63541

Oowaki, Y. *see* Fuse, T. 73250

Ooyama, M. A design and performance estimation of circuits for fast separating an exponent and fraction from and combining to a floating-point arithmetic number based on triple exponential cut 73209

Ooyama, T. *see* Fujita, M. 103137

Op De Beeck, M. *see* Van Dyck, D. 105087

Opanasenko, A.N. *see* Cherenshchikov, S.A. 90082

Opanasenko, A.N. *see* Dovbnya, A.N. 90081

Opanasenko, V.N. *see* Palagin, A.V. 73303

Opanowicz, A. *see* Koscielniak-Mucha, B. 72748

Oparin, M.Yu. *see* Larin 121337

Opat, G.I. *see* Cimmino, A. 70122

Opdal, K. *see* Aven, T. 72342

Openov, L.A. *see* Krasheninnikov, A.V. 115260

Openshaw, C.A. *see* Martin, R.J. 97726

Ophir, J., Cespedes, I., Garra, B., Ponnekanti, H., Huang, Y., Maklad, N. Elastography: imaging of tissue strain and elastic modulus in vivo 90290

Opie, D.B. *see* Johnson, D.F. 64583

Opila, R.L., Krautter, H.W., Zegarski, B.R., Dubois, L.H., Wenger, G. Thermal stability of azole coated copper surfaces [printed circuits] 62441

Opila, R.L. *see* Miller, A.E. 75436

Opila, R.L. *see* Passlack, M. 84012

Opilski, A. *see* Karasinski, P. 89028

Opilski, A. *see* Rogozinski, R. 85071

Opilski, A. *see* Rogozinski, R. 106836

Opitz, B., Kohl, A., Behres, A., Mertens, K., Heime, K., Schmitt, H.J. Wannier-Stark effect in $Ga_xIn_{1-x}As_zP_{1-z}/Ga_yIn_{1-y}As_zP_{1-z}$ superlattices on InP 94558

Opitz, B. *see* Behet, M. 61279

Opitz, B. *see* Behres, A. 105335

Opitz, B. *see* Cho, G.C. 114727

Opitz, B. *see* Mertens, K. 95776

Opitz, C. The flight through the clouds: 3D weather map production at Hessische Rundfunk 88859

Opitz, J. *see* Allen, R.D. 105786

Opitz, J. *see* Wallraff, G.M. 105768

Opower, H. *see* Berger, L. 96245

Opower, H. *see* Schubert, M. 96257

Oppelaar, H. *see* van Geel, I.P.J. 80471

Oppelt, R. *see* Urankar, L. 80162

Oppenheimer, M., Husain, I., Elbuluk, M., De Abreu-Garcia, J.A. Sliding mode control of the Cuk converter 121699

Oppenlander, J., Dangelmayr, G., Guttinger, W. Nonlinear pattern dynamics in Josephson-junction arrays 95494

Oppermann, I., Graham, J., Vucetic, B.S. Modelling and simulation of an indoor radio channel at 20 GHz 78505

Oppermann, I., Kelly, J.F., Vucetic, B.S. Digital cellular CDMA system capacity with adaptive receiver and coding 68187

Oppermann, I., White, B., Vucetic, B.S. Wide-band fading channel model for micro-cellular systems 97103

Oppermann, I., White, B., Vucetic, B.S. A Markov model for wide-band fading channel simulation in micro-cellular systems 118931

Oppermann, I. *see* Woodward, G. 118877

Oppermann, K. *see* Bellaire, G. 67342

Oppermann, K.-G., Stoisiek, M. Optimization of LIGBTs in a dielectric insulated IC-technology using a ‘switched anode’ 104317

Oppliger, R., Albanese, A. Distance education and on-line universities 112812

Oppliger, R., Gupta, A., Moran, M., Bettati, R. A security architecture for Tenet Scheme 2 78179

Oppo, G.-L. *see* D’Alessandro, G. 107424

Oprea, I., Negreanu, G. Aspects of the saturated steam turbine calculation for partial loading 91345

Oprea, I., Oprea, M., Stoica, M., Cerga, V., Pirvu, V., Badea, E. Integrated nuclear and radiation protection systems 91274

Oprea, M. *see* Oprea, I. 91274

Opris, I.E. Multi-input strobed analogue comparator 93628

Opris, I.E., Kovacs, G.T.A. A rail-to-rail ping-pong op-amp 104360

Oprisan, P. *see* Vlad, A. 87202

Oproiu, C. *see* Marghitu, S. 100763

Oproiu, C. *see* Minea, R. 100762

Opsahl, G. *see* Ross, B. 73011

O’Quinn, B. *see* Venkatasubramanian, R. 112379

Or, O. *see* Kottick, D. 101929

Or, S.H., Wong, K.H. Stereo matching using multilayer approach under overdetermined constraint 97938

Oraee, H. Modelling of induction motors including saturation and slip dependence 91513

Oraee, H. Computation of skin effect factors in cage induction motors 91514

Oraee, H. The influence of rotor cage on performance of three phase induction motors 91532

Oraevsky, A.N., Bandy, D.K. Semiconductor microballs as bistable optical elements 65525

Oraevsky, A.N., Bandy, D.K. Semiconductor microballs as bistable optical elements 96611

Oraevsky, A.N. *see* Protsenko, I.E. 65339

Orailoglu, A. *see* Goodby, L. 83159

Orailoglu, A. *see* Karri, R. 104269

Orailoglu, A. *see* Karri, R. 113963

Orailoglu, A. *see* Wah Chan 73183

Oraizi, H. *see* Chaldavi, A. 116944

Oralkan, O., Ilker Karsilayan, A., Ali Tan, M. Design of all-pole low-pass ladder filters using current-mode damped integrators 104698

Oram, C.E., Dowell, A.C. A shaft-drive windpump for developing countries 103201

Orange, M.D., Sowerby, K.W. The effect of receiver capture and cochannel interference on PRMA 118986

Oranov, A.M. Synthesizing switching circuits in a PLIC basis 93307

Oravec, I. *see* Hudzovic, P. 113180

Oravec, J., Oravec, M. Impedance matching of a non-linear coaxial cable with a homogeneous ferrite filler 104910

Oravec, M. Image compression method based on backpropagation neural network and discrete orthogonal transforms 117870

Oravec, M. *see* Oravec, J. 104910

Oravetz, D. *see* Cox, R. 91078

Orazi, R.J. *see* Sun, C.K. 68456

Orazi, R.J. *see* Sun, C.K. 95826

Orbaker, M.P. *see* Pratt, R.E. 94072

Orchard, M. *see* Gisladottir, J.V. 86492

Orchard, M.T. *see* Guleryuz, O.G. 86725

Orchard, M.T. *see* Nosratinia, A. 86513

Orchard, M.T. *see* Nosratinia, A. 120296

Orchard, M.T. *see* Rajagopalan, R. 86512

Orczyk, M.E., Zieba, J., Prasad, P.N. Holographic diffraction in polymeric thin films: influence of slanted grating experimental geometry 76288

Orczyk, M.E. *see* Prasad, P. 84933

Orda, A., Pacifici, G., Pendarakis, D.E. An adaptive virtual path allocation policy for broadband networks 87313
Orda, A. *see* Korilis, Y.A. 87608
Ordentlich, E. On the factor-of-two bound for Gaussian multiple access channels with feedback 67556
Ordonez, C.E., Chang, W. Monte Carlo simulations of sodium iodide detector modules for a cylindrical SPECT system 101254
Ordonez, C.E. *see* Aarsvold, J.N. 110700
Ordonez, C.E. *see* Chunwu Wu 80239
Ordonez, C.E. *see* Mintzer, R.A. 101258
Orduna-Bustamante, F. *see* Kirkeby, O. 117303
Ordys, A.W., Pike, A.W., Johnson, M.A. Optimisation of set-point transition in combined cycle power plants using predictive control techniques 111799
Orefice, M. *see* Vecchi, G. 65987
Orefice, M. *see* Vecchi, G. 66004
Orefice, M. *see* Vecchi, G. 97345
Orefice, M. *see* Vecchi, G. 108006
Orefice, M. *see* Vecchi, G. 117078
Oreficel, M. *see* Matekovits, L. 66139
O'Regan, B., Schwartz, D.T. Efficient dye-sensitized charge separation in a wide-band-gap *p-n* heterojunction 114848
O'Regan, M.B., Borsenberger, P.M., Magin, E.H., Zubil, T. Hole photogeneration in dual-layer aggregate photoreceptors 64894
O'Regan, T. Television futures in Australia 79116
Oreglia, M. *see* Salza, P.L. 108203
O'Reilly, B. *see* Arena, V. 90171
O'Reilly, E.P. *see* Meney, A.T. 75966
O'Reilly, E.P. *see* Silver, M. 96359
O'Reilly, F. *see* Coronel-Brizio, H.F. 103597
O'Reilly, G.O., Tuohy, B. Methods of assessment of pulse oximeters 90331
O'Reilly, J. *see* Yi Bian 86063
O'Reilly, J.J. *see* Al-Orainy, A.A. 68407
O'Reilly, J.J. *see* Atkinson, D. 78713
O'Reilly, J.J. *see* Atkinson, D. 85027
O'Reilly, J.J. *see* Borjak, A. 62312
O'Reilly, J.J. *see* Borjak, A. 78720
O'Reilly, J.J. *see* Castro, J.C.S. 65292
O'Reilly, J.J. *see* Salgado, H.M. 65352
O'Reilly, J.J. *see* Salgado, H.M. 99362
O'Reilly, J.J. *see* Salgado, H.M. 109676
O'Reilly, J.J. *see* Zhang, S.L. 88518
O'Reilly, J.M. *see* Cooley, P.C. 98858
O'Reilly, P. *see* Zibman, I. 68132
O'Reilly, P. *see* Zibman, I. 98596
O'Reilly, T. Publishing models for Internet commerce 87660
Orekhov, I.E. *see* Blinkov, I.V. 113534
Orekhov, I.V. *see* Barabanov, I.R. 110568
Orel, B. *see* Orel, Z.C. 75674
Orel, Z.C., Leskovsek, N., Orel, B., Hutchins, M.G. Spectrally selective silicon paint coatings: Influence of pigment volume concentration ratio on their optical properties 75674
Orellana, A. *see* Barclay, G.G. 105778
Orellana, A.J. *see* Cameron, J.F. 105779
Oren, K. A case study of plastic part delamination 72280
Oren, W. *see* Krafft, G.A. 100526
Orencik, B. *see* Gumuskaya, H. 93439
Orengo, G. *see* Cardarelli, R. 118744
Orenstein, J. *see* Kouwenhoven, L.P. 105407
Orenstein, M., Satuby, Y., Ben-Ami, U., Harbison, J.P. Transverse modes and lasing characteristics of selectively grown vertical cavity semiconductor lasers 107324
Orenstein, M. *see* Fishman, T. 65187
Orenstein, M. *see* Margalit, M. 65278
Orenstein, M. *see* Margalit, M. 68402
Orenstein, M. *see* Margalit, M. 107143
Orenstein, M. *see* Margalit, M. 116417
Orenstein, M. *see* Natan, D. 107346
Oreshkin, M.A. *see* Savchenko, A.G. 106622
Oreshkin, M.A. *see* Savchenko, A.G. 115854
Oreshkin, M.A. *see* Savchenko, A.G. 115855
Oreshkin, S.B. *see* Grigoriev, D.N. 120128
Oreshkov, A.D. *see* Vinokurov, N.A. 96552
Oreshnikov, A. *see* Kushin, V. 79805
Orestano, D. *see* Autiero, D. 80006
Orfanos, I. *see* Ferrero, U. 98911
Orfei, A. *see* Bortolotti, C. 79102
Organtini, G. *see* Basti, G. 90164
Orglmeister, R. *see* Ludwigs, M. 97915
Orgusaar, R. *see* Min, K. 97173
Orgusaar, R. *see* Pollman, M.D. 90886
Orgusaar, R. *see* Pollman, M.D. 90893
Oriat, L. *see* Gorecki, C. 98159
Oriboni, A. *see* Abbes, M. 90145
Orignac, X., Barbier, D., Du, X.M., Almeida, R.M. Fabrication and characterization of sol-gel planar waveguides doped with rare-earth ions 95743
Orihara, Y. *see* Sumiyoshi, H. 109881
Orihashi, M. *see* Noda, Y. 61149
Orimo, S., Ozaki, T., Itatani, J., Kanai, T., Chang-Jun Zhu, Jia-Qi Liang, Kuroda, H. Time and space resolved observation of population inversion in helium like aluminum plasma 116302
Orimo, S. *see* Chang-Jun Zhu 116301
Orimo, S. *see* Kasai, J. 103454
Oriold, A. *see* Radulescu, M.M. 91450
O'Riordan, E. *see* Farrell, P.A. 82552
O'Riordan, N. *see* Caniggia, S. 107931
Orita, N., Katayama-Yoshida, H. Electronic structure and dynamics of intrinsic defects in hydrogenated amorphous silicon by ab initio molecular dynamics 62768
Orita, N., Matsumura, T., Katayama-Yoshida, H. Mechanism of Staebler-Wronski effect: negative effective-U and positive effective-U nature of the bistable dangling-bonds in a-Si, a-Si:H and c-Si by ab initio molecular-dynamics simulation 94237
Orita, N. *see* Matsumura, T. 61141
Orita, T. *see* Izumihara, A. 80198
Orita, T. *see* Yamane, T. 90607
Oriti, G. *see* Consoli, A. 121774
Oriti, G. *see* Julian, A.L. 121734
Oriti, G. *see* Musumeci, S. 112135
Oriti, J. The proposed new telecommunications access regime for Australia post July 1997 87521
Oritsuki, R. Geometrical study of the staggered type aSi TFTs structure for low cost AMLCDs process 84390
Orive, R. *see* Abouir, J. 103711
Orji, C.U. *see* Xu, Y. 109246
Orlandi, A. Lightning induced transient voltages in presence of complex structures and nonlinear loads 65680
Orlandi, A. Multipath effects in semi-anechoic chambers at low frequencies: a simplified prediction model based on image theory 107936
Orlandi, A., Paul, C.R. FDTD analysis of lossy, multiconductor transmission lines terminated in arbitrary loads 97214
Orlandi, A. *see* Antonini, G. 97186
Orlandi, A. *see* Buccella, C. 65755
Orlando, T.P. *see* Trias, E. 115926
Orlando, T.P. *see* Whan, C.B. 63049
Orlando, T.P. *see* Whan, C.B. 105398
Orlick, C.J. *see* Higgins, W.E. 101200
Orlitsky, A., Roche, J.R. Coding for computing 66465
Orlitsky, A. *see* Alon, N. 97542
Orlosky, S., Wolff, L. Design optical encoder interfaces for optimum performance 79413
Orlov, A.N. *see* Nikiforov, A.D. 75816
Orlov, D.H. *see* Brown, D.H. 110569
Orlov, L.N. *see* Nevdakh, V.V. 75817
Orlov, N.V. *see* Eremin, Yu.A. 97151
Orlov, O.A. *see* Khaleev, M.M. 96238
Orlov, P.B. *see* Polyakov, A.Y. 92843
Orlov, S., Yariv, A. Long-lifetime hologram fixing and ionic conductivity in photorefractive lithium niobate 116784
Orlov, V.N., Fishbein, B.D. Tests of type NK-36ST and NK-37 converted aircraft engines [gas turbines] 102467
Orlov, V.N. *see* Davidov, N.N. 106748
Orlov, Yu.N. *see* Balkarei, Yu.I. 62098
Orlova, I.B. *see* Bogdanov, M.P. 107621
Orlova, I.G. *see* Akhin'ko, I.A. 63959
Orlova, M.I. *see* Mingalev, V.S. 116911
Orlova, N.I. *see* Zakhidov, R.A. 81360
Orlova, N.I. *see* Zakhidov, R.A. 102528
Orlovich, V.A. *see* Gakhovich, D.E. 107491
Orlovich, V.A. *see* Vodchitz, A.I. 65473
Orlovskii, Yu.V., Basiev, T.T., Vorob'ev, L.N., Osiko, V.V., Papashvili, A.G., Prokhorov, A.M. Site-selective measurements of $^4G_5/2$; $^2G_7/2$ nonradiative relaxation rate in $\mathrm{Nd:SrF_2}$, $\mathrm{Nd:La:SrF_2}$, and $\mathrm{Nd:Sr:LaF_3}$ laser crystals 96188
Orlowska, M.E. *see* Truffet, D. 77721
Orlowski, M., Hartig, M., Lucas, K., Noell, M., Taylor, W.J., Wimmer, K., Yu, T.-K. 3D process simulation requirements and trade-offs from industrial perspective 74820
Orme, M. *see* Catten, C. 70210
Ormeno, S. *see* Gonzalo, C. 119127
Ormiston, D. *see* Cohen, C.E. 70392
Ormondroyd, R.F. Self-consistent BPM model of a waveguide coupler with distributed gain 85070
Ormondroyd, R.F., Maxey, J.J., Alsusa, E. COFDM. An alternative strategy for future-generation mobile communications 78400
Ormondroyd, R.F. *see* McGuinness, D.P. 102067
Ormondroyd, R.F. *see* Maxey, J.J. 88343
Ormont, N.N. *see* Kurova, I.A. 62770
Orndorff, C.M., Egan, C.J. Electric propulsion: fleet readiness at affordable costs 70419
Orndorff, J. *see* Krizmanic, J. 90167
Oropesa, J. *see* Calero, J. 89547
O'Rourke, R. Designing circularly polarized planar antennas using EM simulation 117051
O'Rourke, T.P., Stevenson, R.L. Vector quantization with distance constraints for enhanced post-processing 67002
Orozco-Barbosa, L., Hirzalla, N. Adaptive traffic enforcement control mechanism for LANs interconnected by a high-speed network 78066
Orozco-Barbosa, L., Soto, M. A multimedia document distribution system over DQDB MANs 118094
Orpen, O., Buchanan, G. Experiences using multiple reference station position solution in a DGPS system 88760
Orpen, O. *see* Mathisen, T. 88765
Orphanos, P.A. *see* Siergiej, R.R. 106040
Orphanos, P.A. *see* Sriram, S. 62274
Orphanos, P.A. *see* Sriram, S. 83385
Orphanoudakis, S.C. *see* Georgiannakis, G.Y. 78132
Orphanoudakis, S.C. *see* Tsiknakis, M. 90669
Orr, B.G. Scanning tunneling microscopy studies of semiconductor surface structure and growth 72765
Orr, B.G. *see* Johnson, M.D. 62732
Orr, C.E. *see* Purvis, B.D. 120604
Orr, E. *see* Trayner, D. 100223
Orr, M.D., Hartley, J.T., Beranek, M.W., Chan, E.Y., Hager, H.E., Hong, C.S. Universal detachable optical connector for military and commercial aerospace fiber-optic modules 85021
Orr, R.S. Pulsed interference immunity of a wavelet-based modulation scheme 97417
Orrey, D.A., Adams, L.R. Operator assistance voice automation trials 67709
Orriois, G. *see* Shenping Li 116389
Orris, D. *see* Foster, G.W. 89784
Orris, D.F. *see* Brown, B.C. 90058
Orris, D.F. *see* Glass, H.D. 100644
Orris, D.F. *see* Harding, D.J. 89795
Orris, D.F. *see* Harding, D.J. 89796
Orro, J.M. *see* Ziegler, J.F. 72394
Ors, R. *see* Campelo, J.C. 98733
Orsak, G.C., Etter, D.M. Connecting the engineer to the 21st century through virtual teaming 60445
Orsborn, A. *see* Elliott, S. 118322
Orsevskis, V. *see* Dagys, M. 119849
Orsi, A.P. Product integration for Volterra integral equations of the second kind with weakly singular kernels 103788
Orsini, R. *see* Silver, A. 93198
Orszak, J.S. *see* Migdall, A.L. 89528
Ort-Snep, R. *see* Wagner, J. 81501
Orta, A.Flores *see* Flores Orta, A.
Orta, R., Savi, I.P., Tascone, R. Numerical Green's function technique for the analysis of screens perforated by multiply connected apertures 76365
Orta, R., Savi, P., Tascone, R. COBRA: a computer code for the backscattering analysis of complex objects 68547
Orta, R., Savi, P., Tascone, R., Trinchero, D. A new configuration of dual-mode rectangular waveguide filters 93747
Ortega, A. Optimal bit allocation under multiple rate constraints 86086
Ortega, A., Lall, B.S. Natural convection air cooling of a discrete source on a conducting board in a shallow horizontal enclosure 103469
Ortega, A. *see* Lin, L.-J. 86483
Ortega, A. *see* Lin, L.-J. 86570
Ortega, A. *see* Woo, W. 86479
Ortega, C. *see* Cantin, J.L. 94259
Ortega, C. *see* Morazzani, V. 94249
Ortega, G. Fuzzy logic techniques for rendezvous and docking of two geostationary satellites 88414
Ortega, J. *see* Puntonet, C.G. 108354
Ortega, J.-M. *see* Glotin, F. 116796
Ortega, J.A. *see* Chavez, J.A. 110155
Ortega, J.G. *see* Janer, C.L. 97795
Ortega, J.M., Berset, J.M., Chaput, R., Glotin, F., Humbert, G., Jaroszynski, D., Joly, P., Kergosien, B., Lesrel, J., Marcouille, O., Peremans, A., Prazeres, R., Tadjeddine, A. Activities of the CLIO infrared facility 107394
Ortega, J.M. *see* Glotin, F. 107383
Ortega, J.M. *see* Jaroszynski, D.A. 96565
Ortega, J.M. *see* Jaroszynski, D.A. 107399
Ortega, J.M. *see* Marcouille, O. 96567
Ortega, J.M. *see* Prazeres, R. 96468
Ortega, O. *see* Rojas, I. 62075
Ortega, R., Taoutaou, D. A globally stable discrete-time controller for current-fed induction motors 121494
Ortega, R. *see* Espinosa-Perez, G. 71314
Ortega-Cisneros, S. *see* Flores-Nava, L.M. 104759
Ortega-Martinez, R. *see* Diaz-Uribe, R. 116609
Ortenberg, M.von *see* von Ortenberg, M.
Orteu, J.J. *see* Caron, J. 67349
Ortgies, G. *see* van de Kamp, M.M.J.L. 107879
Orth, A., Hofling, E., Zeh, R., Reithmaier, J.P., Forchel, A., Weber, J., Gyuro, I., Zielinski, E. Gain-coupled distributed feedback lasers made by focused ion beam implantation: process parameters and device properties 107260
Orth, A., Reithmaier, J.P., Zeh, R., Doleschel, H., Forchel, A. First order gain-coupled GaInAs/GaAs distributed feedback laser diodes patterned by focused ion beam implantation 107325
Orth, B. *see* Spoleder, F. 98921
Orth, C.D., Payne, S.A. System study of a diode-pumped solid-state-laser driver for inertial fusion energy 85426
Orth, G. Latest applications for high-frequency and microwave heating in industrial production 91951
Ortigoza-Guerrero, L., Lara-Rodriguez, D. Dynamic channel assignment strategy for mobile cellular networks based on compact patterns with maximised channel borrowing 99135
Ortigoza-Guerrero, L., Lara-Rodriguez, D. Evaluation of channel assignment strategies for TIA IS-54 system 99266
Ortigueira, M.D. A new algorithm for the factorization and inversion of recursively generated matrices 97851
Ortion, J.M., Cordier, Y., Garcia, J.C., Grattepain, C. Temperature dependence of GaAs chemical etching using $\mathrm{AsCl_3}$ 105630
Ortiz, A.L., Schuierer, S. Walking streets faster [robot path planning] 117776
Ortiz, G.G., Bo Lu, Cheng, J., Hains, C.H., Sun, S.Z. VCSELs with nonuniform multiple quantum

wells for a very wide temperature range of CW operation 107287
Ortiz, G.G., Hains, C.P., Cheng, J., Hou, H.Q., Zolper, J.C. Monolithic integration of $In_{0.2}Ga_{0.8}As$ vertical-cavity surface-emitting lasers with resonance-enhanced quantum well photodetectors 75773
Ortiz, L.R.Sahagun *see* Sahagun Ortiz, L.R.
Ortiz, M.E.C.M.I.M. *see* Zacatelco, L.H.C. 73068
Ortiz, R. *see* Sebek, J. 100551
Ortiz, S. *see* Adams, D.G. 119667
Ortiz, S.E.Acosta *see* Acosta Ortiz, S.E.
Ortiz de Solorzano, A. *see* Girard, T.A. 80093
Ortiz-Balbuena, L., Perez-Meana, H., Martinez-Gonzalez, A., Sanchez-Sinencio, E. Wavelets generation using Laguerre analog adaptive filter 104739
Ortiz-Balbuena, L. *see* Perez-Meana, H. 76908
Ortiz-Conde, A., Garcia Sanchez, F.J., Liou, J.J., Andrian, J., Laurence, R.J., Schmidt, P.E. A method to extract parameters in a generalized two-terminal device 63578
Ortiz-Conde, A. *see* Garcia Sanchez, F.J. 94885
Ortiz-Conde, A. *see* Latiff, Z. 74720
Ortiz-Conde, A. *see* Narayanan, R. 84428
Ortiz-Conde, A. *see* Narayanan, R. 95024
Ortiz-Conde, A. *see* Narayanan, R. 106048
Ortiz-Conde, A. *see* Yue, Y. 94913
Ortiz-Conde, A. *see* Yue, Y. 94918
Ortlepp, H.-G. *see* Pausch, G. 80022
Ortlepp, H.-G. *see* Pausch, G. 100928
Ortmann, S. *see* Dogaru, R. 62130
Ortmanns, J. *see* Braunschweig, W. 120140
Ortmeyer, T.H., Hiyama, T., Salehfar, H. Power quality effects of distribution system faults 81025
Ortmeyer, T.H. *see* Hiyama, T. 121094
Ortmeyer, T.H. *see* Kihara, H. 70670
Ortolland, S., Raynaud, C., Chante, J.P., Locatelli, M.L., Lebedev, A.A., Andreev, A.N., Savkina, N.S., Chelnokov, V.E., Rastegaeva, M.G., Syrkin, A.L. Effect of boron diffusion on the high-voltage behavior of 6H-SiC $p^{+}nn^{+}$ structures 114694
Ortolland, S. *see* Lebedev, A.A. 105302
Orton, D.W.R. *see* Tlaskal, O. 114035
Orton, J.W. Effect of strain on GaN exciton spectra 74274
Orton, J.W. *see* Foxon, C.T. 82693
Orton, J.W. *see* Hung, K.S. 96065
Ortuno, M. *see* Cuevas, E. 107978
Ortuno, M. *see* Gasparian, V. 85818
Oruc, A.Yavuz *see* Yavuz Oruc, A.
Oruganti, R., Nagaswamy, K., Lock Kai Sang A constant frequency variable power factor PWM scheme for single phase boost type AC-DC converter 71554
Oruganti, R., Palaniapan, M. Inductor voltage controlled variable power factor buck-type AC-DC converter 121591
Oruganti, R. *see* Dubey, G.K. 112098
Ory, J.-M., Jacques, F., Boudey, Y. A biosensor for water quality monitoring 119752
Orzech, M.J. *see* Beers, M.I. 92056
Orzel, S., Prusak, J., Zajac, W. Some aspects of computer measurements of electric potentials of buildings in the zone of electric traction influence 112543
Orzeszko, S., Hagen, D. Numerical overhead line protection for 16 2/3 Hz high voltage traction power networks 112486
Osa, A. *see* Ichikawa, S. 90112
Osabe, J. *see* Ikeda, N. 115155
Osada, K. *see* Mizuno, H. 73354
Osada, M. *see* Yoshio, M. 81705
Osada, N. Vector sequence transformations for the acceleration of logarithmic convergence 60775
Osada, S. *see* Kojima, N. 88550
Osada, T., Ohuchi, H., Kasai, T. Monitoring of lapping process with piezoelectric ceramic sensor. I. Relation between lapping conditions and detected acoustic signals 100332
Osadchiy, S.I. *see* Belan, V.V. 72409
Osadchiy, V. *see* Vendik, I. 106733
Osadchiy, V.N. *see* Vendik, I.B. 75375
Osafune, I. *see* Umeda, Y. 93292
Osafune, K. *see* Umeda, Y. 83251
Osaheni, J.A. *see* Torruellas, W.E. 76220
Osaka, H. *see* Maruyama, M. 69497
Osaka, J. *see* Homma, Y. 82708
Osaka, J. *see* Inoue, N. 105537
Osaka, K. *see* Kitade, S. 61478
Osaka, K. *see* Sekito, T. 95701
Osaka, T. *see* Homma, T. 64460
Osaka, T. *see* Kanehara, T. 119808
Osaka, T. *see* Koiwa, I. 110285
Osaka, T. *see* Kurokawa, Y. 115770
Osaka, T. *see* Liu, X. 62386
Osaka, T. *see* Momma, T. 64956
Osaka, T. *see* Momma, T. 112295
Osaka, T. *see* Nakamura, J. 61165
Osakabe, E. *see* Horiuchi, N. 107569
Osaki, H. *see* Naruse, H. 109947
Osaki, O. *see* Ogata, H. 95521
Osaki, O. *see* Vieira, R.F. 106723
Osaki, T. *see* Yea, B. 110271
Osama, M., Lipo, T.A. A new inverter control scheme for induction motor drives requiring wide speed range 103111
Osamu, M. *see* Shigeki, T. 91571
Osareh, A.R., Pan, J., Rahman, S. An efficient approach to identify and integrate demand-side management on electric utility generation planning 91055
Osareh, A.R. *see* Rahman, S. 70709
Osato, K. *see* Watanabe, A. 83882
Osato, N. *see* Kuwabara, K. 77730
Osawa, F. *see* Asada, T. 113733
Osawa, H., Okada, M., Wakamiya, K., Okamoto, Y. Performance improvement of PRML system for (1,7) RLL code [in digital magnetic recording] 117259
Osawa, H., Okamoto, Y., Shirakawa, J. Systematic derivation of error probability of PRML systems in digital magnetic recording 95370
Osawa, H. *see* Takahashi, T. 101076
Osawa, H. *see* Yamaguchi, H. 91885
Osawa, O. *see* Okada, Y. 109542
Osawa, S. *see* Asano, H. 100328
Osawa, Y., Kondoh, H., Yamaguchi, K., Satoh, S. Half adder operation using optoelectronic integrated functional devices 85216
Osborn, J. *see* Henderson, T. 89790
Osborne, A.G. *see* Rosseinsky, D.R. 116229
Osborne, C. *see* McAndrew, A. 67073
Osborne, C.F. *see* Tirkel, A.Z. 88080
Osborne, C.F. *see* van Schyndel, R.G. 86860
Osborne, I.S., Hata, N., Matsuda, A. Steady state defect density and annealing kinetics of light-induced defects in a-Si:H deposited from "new" deposition techniques 92790
Osborne, I.S. *see* Hata, N. 94238
Osborne, I.S. *see* Tkeda, I. 92883
Osborne, J. *see* Barnham, K. 102982
Osborne, J.J. *see* Keusseyan, R.L. 89281
Osborne, J.L. *see* Shields, A.J. 74414
Osborne, M.M., Kitchin, R.H., Ryan, H.M. The emergence of custom power technology in distribution systems 102058
Osborne, R., Huber, M.N., Edmaier, B. Architectural and performance aspects of OFDM nodes for the future transport network 109320
Osborne, R. *see* Lauer, H.C. 118397
Osborne, R.B. A hybrid deposit model for low overhead communication in high speed LANs 118093
Osburn, C.M. *see* Hulfachor, R.B. 63726
Osburn, C.M. *see* Jiunn-Yann Tsai 84396
Osburn, C.M. *see* Zhang, K.X. 63718
Oscarsson, F. KVASER-digital HF receiver for wideband applications 99071
Osch, T.van *see* van Osch, T.
Osch, T.W.H.van *see* van Osch, T.W.H.
Ose, Y. *see* Ezumi, M. 115054
Osei, A., Schamschula, M.P., Caulfield, H.J., Shamir, J. Use of quantum indeterminacy in optical parallel genetic algorithms 75637
Osella, G. *see* Bava, G.P. 65181
Osella, G. *see* Bava, G.P. 85703
Osenar, P. *see* Braun, P.V. 62848
Osenbach, J.W., Chand, N., Comizzoli, R.B., Evanosky, T.L., Roxlo, C.B., Tsang, W.T. Highly reliable non-hermetic InP-based lasers and photodiodes for telecommunication 65267
Osenbach, J.W., Evanosky, T.L. Temperature-humidity-bias-behavior and acceleration model for InP planar PIN photodiodes 95993
Osenbach, J.W., Evanosky, T.L., Phatak, S.B., Comizzoli, R.B., Chand, N. Demonstration of highly reliable non-hermetic planar InGaAs/InP photodiodes 75728
Osenbach, J.W., Lory, H.J., Beck, H.L. Time dependent breakdown in amorphous silicon nitride 64037
Osenbach, J.W. *see* Chand, N. 75990
Osenbach, J.W. *see* Chand, N. 107269
Osetrov, A.V. *see* Dolganov, V.V. 113568
Osetrov, A.V. *see* Dolganov, V.V. 113569
Osetrov, A.V. *see* Dolganov, V.V. 117773
Osetrov, V.P. *see* Ivanov, V.V. 119543
Osgood, B. *see* Sholley, M. 88699
Osgood, R.M. *see* Liu, Y.S. 116287
Osgood, R.M., Jr. *see* Freiler, M.B. 105691
Osgood, R.M., Jr. *see* Kim, E. 115041
Osgood, R.M., Jr. *see* Levy, M. 75568
Osgood, R.M., Jr. *see* Scarmozzino, R. 88485
Osgood, R.M., Jr. *see* Slater, D.A. 74580
Oshagan, A. *see* Winter, E.M. 108555
O'Shana'a, O. *see* Pierzchala, E. 113771
O'Shaughnessy, K. *see* Adams, D. 69840
O'Shaughnessy, K. *see* Unno, Y. 80035
O'Shaughnessy, S.M. *see* Jones, D.R. 107134
O'Shea, D. Billing platforms soar to new heights [telecommunications] 87571
O'Shea, D. Still hazy after all these years [Sonet interoperability] 109685
O'Shea, D. WDM: What the broadband culture craves 118708
O'Shea, D.C. Generation of mask patterns for diffractive optical elements using Mathematica 95911
O'Shea, D.C. *see* Davis, J.A. 98009
O'Shea, M.J. *see* Hamdeh, H.H. 64337
O'Shea, P. *see* Dickey, C. 89932
O'Shea, P. *see* Litvinenko, V.N. 79873
O'Shea, P.G. Jitter sensitivity in photoinjectors 83691
O'Shea, P.G Entropy and emittance growth [linear accelerators] 100637
O'Shea, P.G., Carter, F., Dickey, C., Hower, N., Litvinenko, V.N., Sachtschale, R., Swift, G., Wang, P., Wu, Y., Madey, J.M.J. Accelerator archeology–the resurrection of the Stanford Mark III electron linac at Duke 89770
O'Shea, P.G., Litvinenko, V.N., Madey, J.M.J., Roberson, N.R., Schreiber, E.C., Straub, K.D., Weeks, K.J., Weller, H.R., Wu, Y. Inverse Compton γ-ray source for nuclear physics and related applications 107380
O'Shea, P.G. *see* Carman, T.S. 110634
O'Shea, P.G. *see* Denbeaux, G. 107398
O'Shea, P.G. *see* Ping Wang 89596
O'Shea, P.G. *see* Ponds, M.L. 96497
O'Shea, P.G. *see* Sachtschale, R. 94188
O'Shea, S.J., Welland, M.E., Brunt, T.A., Ramadan, A.R., Rayment, T. Atomic force microscopy stress sensors for studies in liquids 79722
O'Shea, V. *see* Bates, R. 80029
O'Shea, V. *see* Bates, R. 120148
O'Shea, V. *see* Bates, R.L. 120142
O'Shea, V. *see* Bates, R.L. 120149
O'Shea, V. *see* D'Auria, S. 116112
O'Sheasy, M.T. *see* Magnabosco, P.W. 91992
Osheiba, A.M. *see* Radwan, T.S. 121944
Osheiba, A.M. *see* Rahman, M.A. 81336
Osher, S. *see* Xu-Dong Liu 61039
Oshida, S. *see* Sato, H. 84901
Oshigiri, H. *see* Kawanishi, M. 67690
Oshigiri, H. *see* Lengdell, M. 87586
Oshikiri, M. *see* Shimamoto, S. 95590
Oshima, I. *see* Fujisaki, A. 75846
Oshima, I. *see* Okabe, S. 102897
Oshima, K. *see* Miwa, H. 73345
Oshima, K. *see* Yamanaka, H. 109311
Oshima, M., Watanabe, Y., Heun, S., Sugiyama, M., Kiyokura, T. Initial stages of nanocrystal growth of compound semiconductors on Si substrates 82573
Oshima, M. *see* Heun, S. 61271
Oshima, M. *see* Heun, S. 74340
Oshima, M. *see* Maeda, F. 103850
Oshima, M. *see* Maeyama, S. 62726
Oshima, M. *see* Sugiyama, M. 61282
Oshima, M. *see* Sugiyama, M. 94742
Oshima, N. *see* Momose, S. 115762
Oshima, S. *see* Hara, T. 114825
Oshima, S. *see* Terashima, Y. 91231
Oshima, T., Nemoto, H., Betsuyaku, H. Chaos caught in an electric circuit 61672
Oshima, Y. *see* Hashikawa, N. 74106
Oshima, Y. *see* Kato, T. 64196
Oshino, T. *see* Katayama, A. 67438
Oshinovo, Dzh. *see* Kazantsev, D.V. 74411
Oshinowo, J. *see* Forchel, A. 114732
Oshinowo, J. *see* Kerkel, K. 94557
Oshinowo, J. *see* Steffen, R. 94547
Oshinowo, J. *see* Steffen, R. 105427
Oshiro, L., Radojcic, R. A design reliability methodology for CMOS VLSI circuits 63949
Oshiro, O. *see* Matani, A. 90306
Oshiro, O. *see* Matani, A. 90308
Oshita, E., Morii, Y., Abe, S., Okuma, S., Wakita, K., Tomimasu, T., Ito, I., Miyai, Y., Nakata, K., Hakota, M. 24-MW, 24-μs pulse RF power supply for linac-based FELs 96437
Oshita, E. *see* Kobayashi, A. 96534
Oshita, E. *see* Okuma, S. 107400
Oshita, E. *see* Saeki, K. 96448
Oshita, E. *see* Tomimasu, T. 76063
Oshita, E. *see* Tomimasu, T. 107395
Oshita, S. *see* Handa, S. 66262
Oshita, S. *see* Tachibana, H. 97460
Oshitani, M., Watada, M., Tanaka, T., Iida, T. Development of a high-energy density cadmium-free nickel metal hydride battery 71665
Oshiyama, A., Yu, B.D. Microscopic surface structures and macroscopic thin-film morphology 61241
Osika, D. GaAs MMIC power amplifiers for battery powered low voltage circuits 114332
Osiko, V.V. *see* Orlovskii, Yu.V. 96188
Osiko, V.V. *see* Umyskov, A.F. 85444
Osiko, V.V. *see* Umyskov, A.F. 116450
Osiko, V.V. *see* Zavartsev, Yu.D. 75887
Osin, I.L., Moshchinskii, Y.A. Determination of synchronous micromotor parameters and load angles 71262
Osinska, W. *see* Firszt, F. 74185
Osinski, J. *see* Major, J. 65251
Osinski, M., Barton, D.L., Zeller, J., Chiu, P.C., Phillips, B.S., Helms, C.J., Berg, N. Degradation mechanisms of AlGaN/InGaN/GaN blue light emitting diodes 116264
Osinski, M., Eliseev, P.G. Optimization of active-layer and cavity design parameters for low-threshold GaN/AlGaN double-heterostructure diode lasers 96331
Osinski, M., Nakwaski, W. Thermal analysis of 1.3-μm etched-well surface-emitting lasers with dielectric mirrors 65291
Osinski, M., Zeller, J., Pei-Chih Chiu, Phillips, B.S., Barton, D.L. AlGaN/InGaN/GaN blue light emitting diode degradation under pulsed current stress 96027
Osinski, M. *see* Barton, D.L. 96033
Osinski, M. *see* Eliseev, P.G. 64973
Osinski, M. *see* Eliseev, P.G. 96034
Osinski, M. *see* Helms, C.J. 96020
Osinski, M. *see* Nakwaski, W. 65287
Osinski, M. *see* Nakwaski, W. 76025
Osinski, M. *see* Sarzala, R.P. 65328
Osinski, W. *see* Perlin, P. 107006

Osinsky, A. *see* Asif Khan, M. 116539
Osinsky, A. *see* Chernyak, L. 114635
Osinsky, A. *see* Qiu, Y. 72758
Osinsky, J. *see* Verdiell, J.-M. 109610
Osipenko, K.Yu. Optimal recovery of periodic functions from Fourier coefficients given with an error 60976
Osipov, A.P., Zaitseva, N.V., Egorov, A.M. Chemiluminescent immunoenzyme biosensor with a thin-layer flow-through cell. Application for study of a real-time bimolecular antigen-antibody interaction 110226
Osipov, A.V. Green's function for an impedance wedge and its application to some antenna problems 66000
Osipov, S.P. *see* Nedavnii, O.I. 120246
Osipov, V.V. *see* Nikiforov, A.D. 75816
Osipowicz, T. *see* Kolachina, S. 94848
Osisek, D. *see* Gilbert, D. 87820
Osius, C. *see* Wunstorf, R. 110550
Oskam, G., Schmidt, J.C., Hoffmann, P.M., Searson, P.C. Electrical properties of n-type (111) Si in aqueous $K_4Fe(CN)_6$ solution. I. Interface states and recombination impedance 114908
Oskam, G., Schmidt, J.C., Searson, P.C. Electrical properties of n-type (III) Si in aqueous $K_4Fe(CN)_6$ solution. II. Intensity modulated photocurrent spectroscopy 114560
Oskolkov, B.Ya. *see* Goncharov, B.I. 81204
Oskolkov, E.A. *see* Salunin, N.I. 95424
Osler, P.J. *see* Stok, L. 113637
Osman, A.A., Osman, M.A. Temperature dependent modeling of PD SOI MOSFETs subthreshold conduction 95023
Osman, A.A. *see* Imam, M.A. 63729
Osman, H., Farooq, M., Quach, T. Fuzzy logic approach to data association 119327
Osman, I.H., Laporte, G. Metaheuristics: a bibliography 82450
Osman, J. *see* Bussjager, R. 116105
Osman, J. *see* Qi Wang Song 85092
Osman, M. *see* El-Korashy, A. 74291
Osman, M.A. *see* Imam, M.A. 63729
Osman, M.A. *see* Osman, A.A. 95023
Osman, N., Tsuji, Y., Koshiba, M. A two-dimensional design and modeling of semiconductor lasers 96392
Osman, Z.B. *see* Goel, L. 101728
Osmanov, N.S. *see* Gubankov, V.V. 96563
Osmokrovic, P., Krivokapic, I., Ostojic, D. The method of determining characteristics of elements for over-voltage protection of low-voltage systems 110012
Osmokrovic, P. *see* Lazarevic, Z. 111942
Osmokrovic, P. *see* Petkovic, I. 110013
Osofsky, M.S. *see* Horwitz, J.S. 106479
Osorio, P., Szczupak, J., Yamaoka, A., Pereira, P., Alves, R. A signal processing system for underwater acoustic data telemetry 99871
Ososanya, E.T. *see* Jianyong Li 111763
Ososanya, E.T. *see* Meiyappan, S.S. 108452
Ososkov, G.A., Zaznobina, E. Robust tracking by cellular automata and neural network 90194
Ososkov, G.A. *see* Agakichiev, G. 69736
Ososkov, G.A. *see* Galkin, I.A. 120760
Osotchan, T., Chin, V.W.L., Tansley, T.L. Transport mechanism of Γ- and X-band electrons in $Al_xGa_{1-x}As$/AlAs/GaAs double-barrier quantum-well infrared photodetectors 100038
Osotchan, T., Chin, V.W.L., Tansley, T.L. Transition in (001) AlGaAs/AlAs/GaAs double-barrier quantum structure for infrared photodetection 119671
Osotchan, T. *see* Chin, V.W.L. 94543
Osowski, M.L. *see* Lammert, R.M. 65000
Osowski, M.L. *see* Lammert, R.M. 65205
Osowski, M.L. *see* Lammert, R.M. 85322
Osowski, M.L. *see* Panepucci, R. 82595
Osowski, M.L. *see* Purchase, K.G. 88483
Osowski, M.L. *see* Smith, G.M. 65204
Osowski, M.L. *see* Smith, G.M. 76004
Ospelt, C., Knoepfel, I., Spreng, D. Direct and indirect energy consumption of households 91061
Osquiguil, E. *see* Lopez, D. 75323
Ossart, F. *see* Cortial, F. 95380
Ossart, F. *see* Rouve, L.-L. 115494
Ossart, P. *see* Etrillard, J. 84136
Ossart, P. *see* How Kee Chun, L.S. 105614
Ossart, P. *see* Lamare, B. 103875
Ossau, W. *see* Fischer, F. 94721
Ossau, W. *see* Litz, M.T. 74160
Ossau, W. *see* Litz, T. 64913
Ossau, W. *see* Lugauer, H.J. 94718
Ossau, W. *see* Shen, J.X. 74406
Ossau, W. *see* Waag, A. 92708
Ossau, W. *see* Worschech, L. 94348
Ossau, W. *see* Yakovlev, D.R. 62885
Osseiran, A. Test standards (with focus on IEEE1149.1) 92159
Osseiran, A. Getting to a test standard for mixed-signal boards 93610
Osseiran, A. *see* Marzouki, M. 82160
Osseo-Asare, K. Etching kinetics of silicon dioxide in aqueous fluoride solutions: a surface complexation model 63279
Ossicini, S. *see* Dorigoni, L. 94306
Ossicini, S. *see* Dorigoni, L. 94308
Ossola, P. *see* Tofani, S. 97191
Osswald, F., Roumie, M., Frick, G., Heusch, B. High voltage insulating structures for accelerators: simulation of transient electrical stresses 69582
Ostanin, S.Yu. *see* Nikanorov, V.V. 102662
Ostanin, V.P. *see* Chumakov, S.N. 102854
Ostapenko, S., Henley, W., Karimpanakkei, S., Jastrzebski, L., Lagowski, J. Non-contact real time monitoring of hydrogenation process by surface photovoltage technique and enhanced hydrogenation due to ultrasound treatment in thin film polysilicon on glass 84019
Ostapenko, S., Jastrzebski, L., Lagowski, J., Smeltzer, R.K. Enhanced hydrogenation in polycrystalline silicon thin films using low-temperature ultrasound treatment 62683
Ostapenko, S. *see* Jastrzebski, L. 112347
Ostapenko, S. *see* Koshka, J. 114583
Ostberg, C. *see* Larsson, R. 118882
Ostberg, C. *see* Wahlqvist, M. 118975
Osteaux, M. *see* de Bisschop, E. 69985
Osten, H.J. *see* Rucker, H. 61213
Ostendorf, M., Digalakis, V.V., Kimball, O.A. From HMM's to segment models: a unified view of stochastic modeling for speech recognition 108228
Oster, L., Horowitz, Y.S., Horowitz, A. Further studies of the stability of LiF:Mg,Cu,P (GR-200) at maximum readout temperatures between 240°C and 280°C 101452
Osterberg, H. *see* Jager, J. 88137
Osterberg, M. *see* Astrand, E. 66900
Osterberg, U.L. *see* Huabei Jiang 101206
Ostergaard, D. *see* Gyimesi, M. 65620
Ostergaard, J. *see* Cannon, P.S. 116900
Ostergard, P.R.J. A combinatorial proof for the football pool problem for six matches 113144
Ostergard, P.R.J., Kaikkonen, M.K. New single-error-correcting codes 76798
Ostergard, P.R.J. *see* Nurmela, K.J. 66420
Ostergard, T. *see* Pal, A.J. 96029
Osterheld, T.H. *see* Allendorf, M.D. 61422
Osterholt, A. *see* Blaum, H. 121160
Osteria, G. *see* Barbarino, G.C. 80097
Osterle, W. *see* Ressel, P. 114813
Osterman, M.D. *see* Argento, C.W. 72291
Osterman, T. *see* Elms, D. 68380
Ostermark, R., Saarinen, M. A multiprocessor interior point algorithm 72586
Ostermayer, G., Skierbiszewski, C., Jantsch, W., Wilamowski, Z., Suski, T., Singleton, J., Walker, P.G., Mason, J. Investigations of isothermal photokinetics of GaAs:Ge under hydrostatic pressure 64897
Ostermayer, G. *see* Pohl, A. 110046
Ostermeier, J. *see* Hammerle, R. 96939
Osterwald, C.R., Hammond, R., Zerlaut, G., D'Aiello, R. Photovoltaic module certification and laboratory accreditation criteria development 103030
Osterwald, C.R., Hammond, R., Zerlaut, G., D'Aiello, R. Photovoltaic module certification and laboratory accreditation criteria development 112356
Osterwinter, H. *see* Kripesh, V. 62497
Ostfeld, Z. *see* Afek, Y. 118147
Ostheimer, V. *see* Filz, T. 74163
Ostiguy, F. *see* Colestock, P.L. 100631
Ostiguy, J.-F., Johnson, D.E. Three-dimensional end effects in iron septum magnets 89799
Ostiguy, J.-F., Yamada, R. Magnetic shielding for the D0 detector solenoid upgrade 90185
Ostiguy, J.-F. *see* Bertsche, K. 89809
Ostiguy, J.-F. *see* Bogacz, S.A. 89696
Ostiguy, J.-F. *see* Foster, G.W. 89784
Ostiguy, J.E. *see* Colby, E. 90087
Ostler, J., Perini, D., Russenschuck, S., Siegel, N., Siemko, A., Trinquart, G., Walckiers, L., Weterings, W. Design, fabrication and testing of a 56 mm bore twin-aperture 1 m long dipole magnet made with SSC type cable 90043
Ostler, J. *see* Allen, D. 69741
Ostler, J. *see* Walckiers, L. 90042
Ostling, D., Engan, H.E. Spectral flattening by an all-fiber acousto-optic tunable filter 106890
Ostling, D., Langli, B., Engan, H.E. Intermodal beat lengths in birefringent two-mode fibers 116059
Ostling, M. *see* Lianwei Wang 82667
Ostling, M. *see* Lundberg, N. 63570
Ostling, M. *see* Lundberg, N. 105882
Ostling, M. *see* Persson, L. 105730
Ostling, M. *see* Persson, L. 114987
Ostling, M. *see* Zetterling, C.-M. 94629
Ostling, M. *see* Zetterling, C.-M. 105710
Ostlund, S., Brokemper, M. Sensorless rotor-position detection from zero to rated speed for an integrated PM synchronous motor drive 112463
Ostman, T., Ottersten, B. Low complexity asynchronous DS-CDMA detectors 109359
Ostojic, D. *see* Osmokrovic, P. 110012
Ostojic, P. Fractography of optical fibre surfaces 75465
Ostojic, R. *see* Scandale, W. 89825
Ostonen, R. *see* Anticic, T. 90166
Ostorero, J., Guillot, M. Magneto-optical properties of Sc-substituted holmium iron garnet single crystals 75159
Ostovic, V., Soyk, K.-H. Finite element software for 3-D field calculations in electrical engineering 121427
Ostrberg, M. *see* Lenz, R. 98018
Ostrirov, V.N., Nosach, S.V., Biryukov, A.V., Omar, M. Object-oriented frequency-controlled asynchronous electric drives based on modern components 103066
Ostroff, L.H. Toward a global network: the evolution of wide area networking in Rohm and Haas Company's Asia-Pacific region 87769
Ostroumov, P.N. *see* Birukov, I.N. 89720
Ostroumov, P.N. *see* Esin, S.K. 90100
Ostroumov, P.N. *see* Esin, S.K. 100520
Ostroverkhov, P.M. *see* Rabovskii, A.E. 111041
Ostrovskaya, E.A., Akhmediev, N.N. Cancellation of linear and nonlinear optical activity for soliton-like pulses 76142
Ostrovskaya, N.V. *see* Fetisov, Y.K. 75150
Ostrovskii, G.M. *see* Volin, Yu.M. 82492
Ostrovskii, I.V., Saiko, S.V. Trapping and relaxation of charge at structural defects in epitaxial gallium arsenide 114612
Ostrovsky, R. *see* Kushilevitz, E. 98463
Ostrow, S.L. *see* Weisbrich, A.L. 102530
Ostrowski, K. *see* Ross, M. 105812
Ostrowski, M. Estimation of SS7 traffic in UMTS network 88163
Ostrowski, P. Architecture and features of the Hicom 300 system 98988
Ostrowsky, D.B. *see* Maurice, E. 64644
Ostroy, L.B. *see* Hovanessian, S.A. 90891
Ostwald, O., Bednorz, T. The ZVR family: vector Network Analysers 119575
Ostwald, P.M., Kron, T., Hamilton, C.S., Denham, J.W. Carbon-loaded LiF chips for in vivo skin dose assessment on patients undergoing radiotherapy 120577
Ostwald, P.M. *see* Kron, T. 120578
Osu, G. *see* Anzaloni, A. 108983
Osude, J. EMC and high speed LANs 98780
Osuga, K., Miyauchi, K. Characteristics of AFC loop in Butterworth 4 PSK transmission systems 66256
Osuga, K., Miyauchi, K. Analysis of characteristics of a cross-product frequency discriminator in four-phase-shift keying systems 97839
Osugi, Y., Mizukawa, H., Minemoto, T. Quantization and truncation conditions of Fourier power spectrum for good performance in binary subtracted joint transform correlator 98158
O'Sullivan, D. *see* Capel, A. 120631
O'Sullivan, E.J. *see* Von Gutfeld, R.J. 61315
O'Sullivan, F. *see* Choudhury, K.R. 101168
O'Sullivan, F. *see* Maitra, R. 90438
O'Sullivan, J. *see* Donaldson, G. 90935
O'Sullivan, J. *see* Sadjadi, F. 90907
O'Sullivan, J.A., Snyder, D.L. Deterministic EM algorithms with penalties 66187
O'Sullivan, J.A. *see* Ge Wang 120298
O'Sullivan, J.A. *see* Porter, D.G. 64397
O'Sullivan, J.A. *see* Porter, D.G. 64446
O'Sullivan, J.W., O'Malley, M.J. Identification and validation of dynamic global load model parameters for use in power system frequency simulations 70724
O'Sullivan, J.W., O'Malley, M.J. Economic dispatch of a small utility with a frequency based reserve policy 101943
O'Sullivan, M. *see* Hui, R. 116028
O'Sullivan, M. *see* Merz, W. 102856
O'Sullivan, M.K. *see* Martin, E.J. 100736
O'Sullivan, P. *see* Duane, R. 115367
O'Sullivan, P. *see* McGrath, F.J. 68144
O'Sullivan, P. *see* Martin, A. 63180
O'Sullivan, P. *see* Martin, A. 63756
O'Sullivan, P. *see* Martin, A. 95255
O'Sullivan, P. *see* Martin, A. 106302
O'Sullivan, P. *see* Martin, A. 114341
O'Sullivan, P. *see* Martin, A. 115368
O'Sullivan, P.J. *see* Wang, H. 115235
Osuna, J.A., Moschytz, G.S. On the separating capability of cellular neural networks 86327
Osvald, J., Dobrocka, E. Generalized approach to the parameter extraction from I-V characteristics of Schottky diodes 105443
Osvald, J. *see* Lalinsky, T. 63556
Osvay, K., Ross, I.N. Broadband sum-frequency generation by chirp-assisted group-velocity matching 96630
Osvay, M. Measurements on shielding experiments using Al_2O_3:Mg,Y TL detectors 111003
Oswald, B.R. *see* Noe, M. 111679
Oswald, B.R. *see* Wehrend, H. 101758
Oswald, J., Heigl, G., Pippan, M., Span, G., Stellberger, T., Maude, D.K., Portal, J.C. Magnetotransport in wide parabolic PbTe quantum wells 105402
Oswald, J., Mares, J.J., Kristofik, J., Sedlacik, R. Dependence of PS photoluminescence on relative humidity 94310
Oswald, J. *see* El-Kader, K.M.A. 94319
Oswald, J. *see* Joswig, J. 80428
Oswald, J. *see* Kocka, J. 94293
Oswald, J.E. *see* Lee, T.-H. 83369
Oswald, J.E. *see* Mehdi, I. 83368
Oswald, P. Preconditioners for nonconforming discretizations 103795
Oswald, R.S. *see* Carlson, D.E. 112360
Oswin, J.R. *see* Petzing, J.N. 80687
Osyczka, A., Kundu, S. A modified distance method for multicriteria optimization, using genetic algorithms 103685
Osyka, A.S. *see* Ol'khovskii, G.G. 102466

Osypka, M. *see* Gersing, E. 120461
Oszwaldowski, M., Berus, T. High pressure sensors for the 4.2-300 K range made of n-InSb thin films 79754
Ota, H., Araki, T., Narumiya, H., Oda, T., Kobayashi, M. Coil winding process for radial gap type electromagnetic devices with cylindrical stator 74949
Ota, H., Kitayama, Y., Ito, H., Fukushima, N., Omata, K., Morita, K., Kokai, Y. Development of transient stability control system (TSC system) based on on-line stability calculation 101937
Ota, H., Narumiya, H., Morinushi, K., Oda, T., Kobayashi, M. Development of coil winding process for electromagnetic micro-generator 112022
Ota, H. *see* Sato, H. 72808
Ota, K. *see* Kitagawa, T. 65845
Ota, K. *see* Nishimura, Y. 65846
Ota, T. *see* Michihira, M. 121752
Ota, Y., Wilamowski, B.M. VLSI implementation of a programmable current-mode neural network 73599
Ota, Y. *see* Fujimoto, K. 109473
Ota, Y. *see* Maeda, M. 73719
Ota, Y. *see* Sakai, H. 73805
Ota, Y. *see* Shiba, T. 84740
Ota, Y. *see* Shiba, T. 109329
Otabe, E.S. *see* Kiuchi, M. 75321
Otabe, E.S. *see* Kiuchi, M. 75340
Otagaki, T. *see* Tsukamoto, A. 110214
Otahal, A. Weight coefficients of maximum pseudo-likelihood estimators for systems of binary random variables with pair interactions 92398
Otahal, A. *see* Janzura, M. 76688
Otaka, T. *see* Ezumi, M. 115054
Otake, H. *see* Aizawa, K. 69285
Otake, K. *see* Kawahara, I. 100231
Otake, M. Solder inspection system VT-WIN 103486
Otake, T. *see* Hongo, H. 105440
Otake, T. *see* Yamada, J. 91768
Otake, Y., Tokumoto, S., Mizuno, H. Design and high-power test of a TE11-mode X-band RF window with taper transitions 94191
Otake, Y. *see* Shimizu, I. 117808
Otani, J. *see* Ito, M. 111476
Otani, K. *see* Baba, M. 110109
Otani, M. *see* Yubazaki, N. 106122
Otani, S. Anritsu dynamic weighing technology 68973
Otani, S., Kanai, S., Matsunaga, I. KR811A machine vision 66969
Otani, S. *see* Hashizume, K. 112304
Otani, T. *see* Fukui, Y. 89371
Otani, T. *see* Goto, K. 68396
Otani, T. *see* Kawazawa, T. 119238
Otani, Y., Tanahashi, A., Yoshizawa, T. Light source with orthogonally linear polarized two-frequency beam from laser diode and surface profile measurement 79694
Otani, Y. *see* Aigarabel, P.A. 64247
Otani, Y. *see* Yuasa, S. 64194
Otazhonov, S.M. *see* Vaitkus, Yu.Yu. 116208
Otazo, M.R. *see* Plant, D.V. 96050
Otero, M. *see* Plys, M.G. 81282
Othman, A.T. *see* Ang, M. 118467
Othman, A.T.b. *see* Mustafa, M.S.b. 118466
Othman, H., Vedam, R., Finney, J., Angquist, L. Robust supplementary damping controllers 101963
Othman, K.A. *see* Dalabeih, D.M. 71117
Othman, M. *see* Al-Nashash, H. 80383
Othman, M.S. *see* Larsson, C.N. 82173
Othman, M.Shazali *see* Shazali Othman, M.
Othmani, A., Plenet, J.C., Bernstein, E., Paille, F., Bovier, C., Dumas, J., Riblet, P., Grun, J.B., Gilliot, P., Levy, R. Optical non linear measurements in CdS doped silica films 85673
Othmer, J. *see* Brinthaupt, D. 77532
Othonos, A., Christofides, C., Mandelis, A. Photothermal radiometric investigation of implanted silicon: the influence of dose and thermal annealing 94677
Othonos, A., Wheeldon, J., Hubert, M. Determining erbium distribution in optical fibers using phase-sensitive confocal microscopy 85007
Othonos, A., Xavier Lee, Din Ping Tsai Spectrally broadband Bragg grating mirror for an erbium-doped fiber laser 75835
Othonos, A. *see* Benjamin, S.D. 62702
Othonos, A. *see* Din Ping Tsai 95680
Othonos, A. *see* LeBlanc, M. 110192
Othonos, A. *see* Mandelis, A. 116227
Othonos, A. *see* Uttamchandani, D. 75484
Oti, J.O., Cross, R.W., Russek, S.E., Kim, Y.K. Simulating device size effects on magnetization pinning mechanisms in spin valves 75209
Oti, J.O., Cross, R.W., Russek, S.E., Kim, Y.K. Simulated magnetoresistive behavior of geometrically asymmetric spin valves 115872
Oti, J.O., Kim, Y.K. Modeling effects of temperature annealing on giant magnetoresistive response in discontinuous multilayer NiFe/Ag films 75167
Oti, J.O., Kim, Y.K., Shand, P.M. Identifying phenomenological magnetoresistive properties of spin valves 115873
Otis, C.E. *see* Davis, S.J. 107054
Otis, J.N. *see* Szymanski, J.J. 110589
Otmani, M., Lecours, M. The effect of diffraction on cross-polarized signal propagation in an indoor radio environment 97122
Otmani, M., Lecours, M. Indoor radio impulse response measurements with polarization diversity 107910
Otmani, M., Lecours, M. Indoor radio measurements and simulations with polarization diversity 118921
Oto, K. *see* Ishida, S. 94998
Oto, S.-I. Series 209 commuter DC train 122038
Otobe, M., Kanai, T., Ifuku, T., Yajima, H., Oda, S. Nanocrystalline silicon formation in a SiH_4 plasma cell 92874
Otocki, R. *see* Song, J.J. 89912
Otocki, R.D. *see* Brauer, S.O. 100740
Otogawa, A. *see* Yasuda, H. 102037
Otogawa, T. *see* Miyachi, T. 80020
Otomo, A., Jager, M., Stegeman, G.I., Flipse, M.C., Diemeer, M. Key trade-offs for second harmonic generation in poled polymers 107586
Otomo, A., Stegeman, G.I., Horsthuis, W.H.G., Mohlmann, G.R. Quasi-phase matched surface emitting second harmonic generation in poled polymer waveguides 76151
Otomo, G. *see* Hara, H. 93354
Otomo, K., Arakawa, N., Hirakawa, Y. Reverse engineering in communication protocol design 87455
Otomo, S. Magnetic properties and thermal stability of Co-TM-Zr (TM=Nb, Ta, Mo, W, and Ni) amorphous sputtered films for magnetic heads 84835
Otomo, S., Yamashita, T., Kumasaka, N. Frequency characteristics of amorphous multi-layered films and video heads using them 75196
Oton, J.M. *see* Quentel, S. 69420
Oton, J.M. *see* Sabater, J. 116137
Ototake, T. *see* Matsubara, E. 112992
Otsu, N. *see* Goudail, F. 117827
Otsu, N. *see* Sekita, I. 108576
Otsu, T., Yamashita, Y., Mizuno, H., Tanaka, K. An advanced satellite communication system for ISDN services and a transportable Earth station for subscribers 78605
Otsu, Y. *see* Haryu, K. 117066
Otsubo, K. *see* Shoji, H. 85470
Otsubo, K. *see* Tada, H. 96250
Otsubo, M. *see* Chaki, S. 93862
Otsubo, M. *see* Izumi, S. 72781
Otsubo, M. *see* Izumi, S. 115167
Otsubo, M. *see* Miyashita, M. 96051
Otsubo, M. *see* Nakahara, K. 73794
Otsubo, M. *see* Yamamoto, K. 78534
Otsubo, T., Amagai, J. Crustal deformation monitoring system for the Tokyo metropolitan area. Satellite laser ranging system for the Key Stone Project. Design concept of KSP-SLR system. Analysis software 101541
Otsubo, T., Gotoh, T. Crustal deformation monitoring system for the Tokyo metropolitan area. Satellite laser ranging system for the Key Stone Project. Design concept of KSP-SLR system. Operational software 101540
Otsubo, T., Kunimori, H., Engelkemier, B. Ajisai's signature measured by the laser ranging system in CRL, Tokyo station 99672
Otsubo, T., Kunimori, H., Engelkemier, B., Takahashi, F. Development of space geodetic technology analysis software: CONCERTO 101519
Otsubo, T. *see* Engelkemier, B. 98301
Otsubo, T. *see* Engelkemier, B. 101520
Otsubo, T. *see* Gotoh, T. 99673
Otsubo, T. *see* Gotoh, T. 101539
Otsubo, T. *see* Kunimori, H. 99670
Otsubo, T. *see* Kunimori, H. 99671
Otsubo, T. *see* Kunimori, H. 101535
Otsuji, T., Nagatsuma, T., Kato, K., Yoneyama, M. Widely tunable electrooptic pulse-pattern generation and its application to on-wafer large-signal characterization of ultra high-speed electronic devices 110043
Otsuji, T. *see* Kuwano, S. 88648
Otsuka, A., Shinoda, T., Hirose, T. Color plasma display technologies 89274
Otsuka, I. *see* Homma, T. 64460
Otsuka, K., Nakagawa, T. Inspection robot system of electronic unit manufacturing 103487
Otsuka, K. *see* Okuno, K. 62506
Otsuka, K. *see* Onaka, H. 88642
Otsuka, K. *see* Wang, J.-Y. 75869
Otsuka, M. *see* Kikuchi, M. 106704
Otsuka, M. *see* Ninomiya 64569
Otsuka, N., Ishino, M., Matsui, Y. Stability of Zn doping profile in modulation-doped multiple quantum well structure 94683
Otsuka, N., Kito, M., Ishino, M., Matsui, Y. 1.5-μm strained-layer MQW-DFB lasers with high relaxation-oscillation frequency and low-chirp characteristics 76005
Otsuka, N., Kito, M., Yabuuchi, Y., Ishino, M., Matsui, Y. Degradation of PL characteristics in strained layer multi-quantum well structure with atomic ordering structure 65221
Otsuka, N. *see* Kito, M. 65229
Otsuka, N. *see* Kito, M. 65368
Otsuka, N. *see* Kito, M. 107313
Otsuka, N. *see* Melloch, M.R. 95995
Otsuka, Y. *see* Suzuki, S. 105489
Otsuki, K. *see* Ogawa, K. 68841
Otsuki, M., Kirisawa, M., Sakurai, K. A study on current handling capability of dual gate MOS thyristor (DGMOS) 105940
Otsuki, M. *see* Saitoh, R. 105977
Otsuki, M. *see* Sato, Y. 98148
Otsuki, S., Sampei, S., Morinaga, N. Modulation level controlled adaptive modulation systems with base-station-based transmission/reception diversity scheme for personal communications 78532
Otsuki, S., Sampei, S., Morinaga, N. Performance of modulation-level-controlled adaptive modulation systems 99368
Otsuki, S., Ue, T., Sampei, S., Morinaga, N. Adaptive modulation/TDMA/TDD for personal communication systems 68178
Otsuki, T. *see* Koike, H. 75061
Otsuki, T. *see* Mizuno, T. 116569
Ott, G.E. *see* Fehr, E.S. 73254
Ott, G.W., Jr. *see* Jih-Sheng Lai 71541
Ott, G.W., Jr. *see* Young, R.W., Sr. 71806
Ott, H.R. *see* Jeandupeux, O. 106654
Ott, J.E. The OMNISTAR virtual base station system 68775
Ott, M., Reininger, D., Michelitsch, G., Bansal, V., Siracusa, R.J., Raychaudhuri, D. Heidi-II: a software architecture for ATM network based distributed multimedia systems 78176
Ott, M. *see* Michelitsch, G. 118618
Ott, R. *see* Dekorsy, T. 63037
Ott, R.H. Electromagnetic scattering by buried objects in the HF/VHF/UHF frequency bands: summary 88664
Ott, R.J. Imaging technologies for radionuclide dosimetry 120486
Ott, R.J., Veugen, R., Flower, M.A., Visvikis, D., Wells, K. 3D scatter characteristics for large area PET cameras 70076
Ott, R.J. *see* MacDonald, J.H. 101335
Ott, T.J. *see* Lakshman, T.V. 87802
Ottarson, J. *see* Bailey, J.D. 79922
Ottavi, G. *see* Francini, F. 107634
Ottaviani, D. *see* Settineri, R. 117432
Ottaviani, P.L. *see* Bulfone, D. 76053
Ottaviani, P.L. *see* Walker, R.P. 96521
Ottaviano, A. *see* Viterbini, M. 106968
Otte, G. *see* Johnsen, B. 90545
Otte, M. *see* Nagel, H.-H. 86840
Otten, J.A.M., Klaassen, F.M. Determination of series resistance using one single MOSFET 84417
Otten, J.A.M., Klaassen, F.M. A novel technique to determine the gate and drain bias dependent series resistance in drain engineered MOSFETs using one single device 105956
Otten, L. *see* Adu, B. 71902
Otten, L. *see* Adu, B. 71903
Otten, R.H.J.M. *see* Karkowski, I. 73034
Ottensmeyer, J. *see* Kidambi, K.R. 87713
Ottensmeyer, M. *see* Sheridan, T.B. 80423
Ottenwlilder, D. *see* Knorr, C. 95837
Otter, A.J. Current distribution in parallel paths of the coils of a 50 Hz prototype dipole magnet 96997
Otterbeck, M. *see* Bohm, C. 60569
Otterbeck, M. *see* Bohm, C. 93891
Otterlo, A.van *see* van Otterlo, A.
Otterpol, H., Hubner, R. Experience of Elpro Ag (Germany) in using energy-saving electric drives in pump and fan mechanisms 103061
Otterstedt, J., Gaedke, K., Hermann, K., Kuboschek, M., Schroder, H.-U., Werner, A. A 16 cm^2 monolithic multiprocessor system integrating 9 video signal-processing elements 77537
Otterstedt, J. *see* Schroder, H.-U. 83164
Ottersten, B. *see* Goransson, B. 117484
Ottersten, B. *see* Ostman, T. 109359
Ottersten, B. *see* Parkvall, S. 88093
Ottersten, B. *see* Parkvall, S. 118789
Ottersten, B. *see* Trump, T. 86183
Ottersten, B.E. *see* Strom, E.G. 119023
Ottewell, D.F. *see* Smith, G.R. 120229
Ottinger, P.F. *see* Hinshelwood, D.D. 69638
Ottinger, P.F. *see* Oliver, B.V. 69616
Ottinger, P.F. *see* Rose, D.V. 69668
Ottinger, P.F. *see* Young, F.C. 120123
Otto, G. *see* Chew, W.C. 76408
Otto, J.W. *see* Theodoropoulos, P.T. 75793
Otto, K. *see* Holmgren, S. 61054
Otto, R. Mammography–problem: dose 90461
Otto, S., Stenzel, J. Distance protection in meshed power systems regarding the prefault load condition 102253
Otto, S.W. *see* Martin, O.C. 82445
Otto, W. *see* Schmidt, S. 65644
Ottoboni, R. *see* Brandolini, A. 89031
Ottoboni, R. *see* Brandolini, A. 99916
Ottoboni, R. *see* Cristaldi, L. 68978
Ottoboni, R. *see* Ferrero, A. 110028
Ottoboni, V. *see* Majoros, M. 95413
Ottosson, H. *see* Hagg, S. 70707
Ottosson, S. Dynamic product development: findings from participating action research in a fast new product development process 72205
Ottosson, T. *see* Johansson, A.-L. 98867
Ottosson, T. *see* Skoglund, M. 67548
Ottosson, T. *see* Skoglund, M. 88091
Ottow, S., Lehmann, V., Fo, H. Development of three-dimensional microstructure processing using macroporous n-type silicon 106290
Otung, I.E. Scintillation fade and enhancement duration on a 20 GHz satellite downlink 85872
Ou, H. *see* Balendra, R. 92645
Ou, H.J. *see* Hsu, C.C. 95063
Ou, H.J. *see* Shen, S.C. 69290

Ou Gang *see* Gang Ou
Ou Hai-Jiang *see* Hai-Jiang Ou
Ou Haiyan *see* Haiyan Ou
Ou Jehn *see* Jehn Ou
Ou Yang Yueh *see* Yueh Ou Yang
Ou-Yang Mang *see* Mang Ou-Yang
Ouacha, A. *see* Ouacha, H. 114816
Ouacha, H., Nur, O., Willander, M., Fu, Y., Ouacha, A. 1/f noise characterization of Ir/p-Si and Ir/p-$Si_{1-x}Ge_x$ low Schottky barrier junctions 114816
Ouahabi, A., Depollier, C., Simon, L., Kouame, D., Lethiecq, M. Random sampling: spectrum of fluid measured by Doppler velocimetry 110052
Ouahabi, A. *see* Kouame, D. 110450
Ouali, F.F., Zinov'ev, N.N., Challis, L.J., Akimov, A.V., Hill, D.N., Moskalenko, E.S., Sheard, F.W., Henini, M. Phonon-assisted tunnelling in GaAs/(AlGa)As resonant tunnelling devices 84297
Ouali, F.F., Zinov'ev, N.N., Challis, L.J., Akimov, A.V., Hill, D.N., Sheard, F.W., Henini, M. Non-equilibrium acoustic phonon-assisted tunnelling in GaAs/(AlGa)As double barrier devices 105253
Oualid, J. *see* Sagnes, B. 114831
Ouattara, S. *see* Dyer, R.A. 110060
Ouazzani, Y.El *see* El Ouazzani, Y.
Ouchen, F. *see* Duchemin, S. 72909
Ouchi, C. *see* Fujita, T. 113525
Ouchi, I., Nakai, I., Maeda, H. XAFS studies of Co-Cr films 106524
Ouchi, J.M. *see* Ivanov-Smolenskii, A.V. 71228
Ouchi, K. *see* Ariake, J. 106526
Ouchi, K. *see* Honda, N. 64456
Ouchi, K. *see* Honda, N. 104159
Ouchi, K. *see* Honda, N. 115768
Ouchi, K. *see* Iwasaki, S. 115766
Ouchi, K. *see* Lianna He 115793
Ouchi, K. *see* Yamakawa, K. 75100
Ouchi, K. *see* Yamazaki, K. 121082
Ouchi, M. *see* Mansfield, G. 87595
Ouchi, N. *see* Fukaszawa, H. 99761
Ouchi, S. *see* Korechika, T. 122056
Ouchi, Y. *see* Mita, S. 75261
Ouchi, Y. *see* Satake, T. 116046
Ouchida, H., Gofuku, E., Goto, Y., Nakagawa, N. Time-domain evaluation of pixel voltage and capacitance of a-Si TFT 89332
Ouchida, H. *see* Nakada, S. 102306
Ouchiyama, M. *see* Katsuki, A. 113761
Ouda, K. *see* Maruhashi, K. 93905
Ouda, M., Sebak, A. Efficient method for frequency dependent inductance and resistance calculations 73820
Oudart, P. *see* Rey, L. 111079
Oude Velthuis, R.G.J. *see* Kemper, A.H. 102852
Oudendijk, M. *see* Van Bockstal, L. 96981
Oue, M. *see* Yoshida, Y. 91110
Oue, T. *see* Yoshida, Y. 91108
Ouellet, L., Tremblay, Y., Gagnon, G., Caron, M., Currie, J.F., Gujrathi, S.C., Biberger, M., Reynolds, R. The effect of an oxygen plasma exposure on the reliability of a Ti/TiN contact metallization 63434
Ouellet, L. *see* Carn, M. 63436
Ouellet, L. *see* Gagnon, G. 84142
Ouellette, C. A consultant's role in design of power and control systems for cement plants 82038
Ouellette, F., Krug, P.A. Chirped fibre gratings and their applications to dispersion compensation 78762
Ouellette, F., Krug, P.A., Pasman, R. Characterization of long phase masks for writing fiber Bragg gratings 105754
Ouellette, F. *see* Egan, R.J. 75442
Ouellette, F. *see* Eggleton, B.J. 85032
Ouellette, F. *see* Eggleton, B.J. 99555
Ouellette, F. *see* Hammon, T.E. 79503
Ouellette, F. *see* Inglis, H.G. 75457
Ouellette, F. *see* Krug, P.A. 78701
Ouellette, F. *see* Moss, D. 75530
Ouellette, F. *see* Psaila, D.C. 116199
Ouellette, F. *see* Stephens, T. 99550
Ouellette, I. *see* Stepanov, D.Y. 75462
Ougazzaden, A., Devaux, F. Polarisation insensitive electroabsorption modulator with record power saturation using strained InGaAsP/InGaAsP/InAsP MQW structure 95835
Ougazzaden, A. *see* Bouadma, N. 96399
Ougazzaden, A. *see* Delorme, F. 76035
Ougazzaden, A. *see* Delorme, F. 85498
Ougazzaden, A. *see* Delprat, D. 96424
Ougazzaden, A. *see* Patriarche, G. 113354
Ougazzaden, A. *see* Pautet, C. 82600
Ougazzaden, A. *see* Sigogne, D. 88601
Oughstun, K.E. Dynamical structure of the precursor fields in linear dispersive pulse propagation in lossy dielectrics 97049
Oughstun, K.E. *see* Balictsis, C.M. 97050
Oughstun, K.E. *see* Smith, P.D. 103158
Ougier, C., Talneau, A., Delorme, F., Raffle, Y., Landreau, J., Mathoorasing, D. Sampled-grating DBR lasers with 80 addressable wavelengths over 33 nm for 2.5 Gbit/s WDM applications 96404
Ouhyoung, M. *see* Chen, J.-H. 110790
Ouhyoung, M. *see* Lei, Y.-W. 86627
Ouibrahim, H., van den Broecke, J.A. Multimedia multiparty services to native ATM desktops 109239
Ouimet, S. *see* Crow, J.D. 119221
Ouisse, T. Observation of the Meyer and Neldel rule in silicon carbide inversion layers 105230
Ouisse, T. *see* Bano, E. 105512
Ouisse, T. *see* Bano, E. 105513
Ouisse, T. *see* Morfouli, P. 63668
Ouisse, T. *see* Morfouli, P. 94960
Ouisse, T. *see* Morfouli, P. 94968
Ouisse, T. *see* Reichert, G. 95008
Ouisse, T. *see* Reichert, G. 105949
Ouisse, T. *see* Vogel, E.M. 63658
Ouk Jung Chan *see* Chan Ouk Jung
Oukhanov, M. *see* Peigneux, J.P. 120164
Ould Samori, J. *see* Kieny, C. 61584
Ould-Khaoua, M., Mackenzie, L.M., Sotudeh, R. Comparative evaluation of hypermesh and multistage interconnection networks 93011
Ouldkhal, A., Bandelier, B., Rioux-Damidau, F. Perturbation of the current density in a magnetic resonance imaging antenna induced by the presence of a patient 70051
Oulevey, F. *see* Burnham, N.A. 69512
Oullion, J., Sapy, G. From the French NPP standard to a Chinese NPP standard in Guangdong province 111757
Oumansour, K., Wang, Y., Saillard, J. Simulation of an observation of a ship's wake from SAR 68645
Oumansour, K., Wang, Y., Saillard, J. Multifrequency SAR observation of a ship wake 109745
Oumi, Y. *see* Miyahara, Y. 83264
Ounadjela, K., Li Zhou, Stamps, R., Wigen, P., Hehn, M., Gregg, J. Dependence of the interlayer exchange coupling on the constitution of the magnetic layers 64352
Ounadjela, K. *see* Azizi, A. 75124
Ounadjela, K. *see* Farle, M. 64389
Ounadjela, K. *see* Hehn, M. 64271
Ouorou, A. *see* Mahey, P. 67602
Oura, Y. *see* Aboshi, M. 81978
Oura, Y. *see* Naoi, K. 81685
Oura, Y. *see* Naoi, K. 112178
Ourmazd, A. *see* Rau, W.-D. 74996
Ouse, M. *see* Kamiguchi, Y. 84812
Ouseggua, S. *see* Bauer, R. 100920
Ouslimani, A., Birafane, A., Pasquet, D., Pouvil, P., Leier, H. Direct extraction method of small-signal equivalent circuit model of a GaInP/GaAs heterojunction bipolar transistor 73723
Oussenok, A., Moisayva, O., Konovalov, V., Muravsky, A., Yakovenko, S. Reflective MIM addressed LCD with one-polaroid effect 89330
Ousten, Y. *see* Bechou, L. 93968
Oustric, M. *see* Bearzi, E. 94369
Oustric, M. *see* Meva'a, C. 94371
Outa, H. *see* Kim, Y.D. 69812
Outhred, H.R. *see* Pamudji, N. 101982
Outten, A.G., Roberts, S.J., Stokes, M.J. Analysis of human muscle activity 70128
Ouveysi, I., Wirth, A. An efficient heuristic for the design of a survivable network architecture for dynamic routing 77785
Ouyang, J., Earle, W.E., Miller, J.P., Worstell, W.A. Rate and pileup studies for photomultiplier tubes/bases and some electronics 83779
Ouyang, T., Nilsson, A.A. Performance analysis of an ATM service multiplexer in the NCIH 67518
Ouyang, X. *see* Kitai, A.H. 85270
Ouyang Lin *see* Zhang Zhong-Tai 81800
Ouyang Tung *see* Tung Ouyang
Ouyang Xian *see* Ren Kehui 120933
Ouzieli, I. *see* Zalevsky, Z. 86894
Ouzounis, V. *see* Bouras, C. 109241
Ovacik, L., Salon, S.J. Shape optimization of nonlinear magnetostatic problems using the finite element method embedded in optimizer 116818
Ovalle, S. *see* Laxman, R.K. 61366
Ovanesyan, K.L., Petrosyan, A.G., Manucharyan, R.G., Shirinyan, G.O. Preparation of activated single crystals of yttrium orthoaluminate by direct melt freezing technique 92654
Ovans, R. Equalization in sound reinforcement: psychoacoustics, methods, and issues 68935
Ovari, T.-A. *see* Chiriac, H. 115558
Ovari, T.-A. *see* Chiriac, H. 115583
Ovaska, S.J., Vainio, O., Laakso, T.I. Design of predictive IIR filters via feedback extension of FIR forward predictors 83221
Ovaska, S.J. *see* Aiping Huang 97696
Ovaska, S.J. *see* Gao, X.M. 109416
Ovaska, S.J. *see* Vainio, O. 69013
Ovaska, S.J. *see* Xiao-Ming Gao 108208
Ovchar, V.G. *see* Styrikovich, M.A. 102451
Ovchinnikov, B.M., Parusov, V.V. A high-precision high-voltage voltmeter 119788
Ovchinnikov, Y.N. *see* Savestrini, P. 95495
Ovchinnikov, Y.N. *see* Silvestrini, P. 95506
Ovechkin, R.P. *see* Grigoriev, D.N. 120128
Oven, R. *see* Batchelor, S. 106840
Overbeck, J.A., Salisbury, M.S., Richmond, R. Airborne lidar system profile wind fields 70574
Overend, R.P. *see* Bain, R.L. 121375
Overgaard, J. *see* Safwat, A. 70197
Overgaard, J.V. Experimental results of the influence of ionic strength in liquid environment on fibre life 84973
Overhof, H. *see* Illgner, M. 74271
Overli, T. *see* Olsen, B.T. 78788
Overli, T. *see* Olsen, B.T. 98910
Overney, R.M. *see* Kim, B.M. 113348
Overschee, P.Van *see* Van Overschee, P.
Oversluizen, G. *see* Shannon, J.M. 89258
Overstraeten, R.Van *see* Van Overstraeten, R.
Overstreet, C.M. *see* Abdel-Wahab, H. 112811
Overstreet, C.M. *see* Maly, K. 109249
Overstreet, C.M. *see* Maly, K. 118611
Overton, E. *see* Hammoud, A. 91614
Overton, E. *see* Jie Lin 119547
Overway, D. *see* Koch, R.H. 95510
Overwijk, M.H.F. *see* Vink, T.J. 114886
Overzet, L.J. Discharge turn on and turn off 63191
Ovey, J. *see* Krishnamurthi, K. 62242
Ovey, J. *see* Rahal, A. 114264
Ovhinnokov, V.P. *see* Tolstun, N.G. 89741
Oviatt, S. Interface techniques for minimizing disfluent input to spoken language systems 66573
Oviedo, J.A. Adjacent extreme points of a transportation polytope 82483
Ovohinnikov, V.G. *see* Voskresenskii, D.I. 68675
Ovshinsky, H.C. *see* Izu, M. 112359
Ovshinsky, S.R. *see* Gifford, P.R. 71668
Ovshinsky, S.R. *see* Izu, M. 112359
Ovshinsky, S.R. *see* Venkatesan, S. 112584
Ovsienko, V.L. *see* Shuvalov, M.Y. 70908
Ovsiyenko, V.L. *see* Shuvalov, M.Yu. 102155
Ovsyankin, V.V. *see* Abramova, I.N. 62793
Ovsyanniklova, A.G. *see* Anisimov, Ye.I. 81117
Ovsyannikov, A.L. *see* Safronova, O.N. 121408
Ovsyannikov, A.V. *see* Cherdyntsev, V.A. 117404
Ovsyannikov, A.V. *see* Cherdyntsev, V.A. 117465
Ovsyannikov, G.A. *see* Mashtakov, A.D. 106678
Ovsyannikov, O. *see* Nazarchuk, Z. 65806
Ovsyannikova, L.P., Fishkova, T.Y. Coaxial cylindrical lens 116827
Ovsyuk, V.N., Remesnik, V.G., Studenikin, S.A., Suslyakov, A.O., Talipov, N.Kh., Vasil'ev, V.V., Zahar'yash, T.I., Sidorov, Yu.G., Dvoretsky, S.A., Mikhaylov, N.N., Liberman, V.G., Varavin, V.S. Planar photodiodes based on p-HgCdTe (x=0.22) epilayers grown by molecular beam epitaxy 64931
Ovtchinnikov, A. *see* Aarik, J. 96428
Ovtchinnikov, A. *see* Pessa, M. 96254
Ovtchinnikov, A. *see* Pessa, M. 116510
Owada, N. *see* Ohashi, N. 63438
Owada, T., Imaizumi, N., Yokouchi, K., Yoneda, Y. Epoxy adhesive micro-bump interconnection technology for multichip module 114474
Owadano, Y. *see* Matsushima, I. 75812
Owaki, S. *see* Fukuda, Y. 110959
Owaki, S. *see* Srinivasan, N. 116663
Owano, T.G. *see* Wahl, E.H. 72929
Owe, M. *see* van de Griend, A.A. 90753
Owechko, Y., Soffer, B.H. An optical neural network based on distributed holographic gratings for ATR 64843
Owechko, Y., Soffer, B.H. Holographic neurocomputer utilizing laser-diode light source 75632
Owen, A. *see* Parker, P. 87548
Owen, A.E. *see* Hajto, J. 63181
Owen, A.E. *see* Hajto, J. 94638
Owen, A.E. *see* Hu, J. 94639
Owen, A.E. *see* Hu, J. 94641
Owen, E.L. Power system grounding. II. RCD and GFCI 81172
Owen, E.L. Power system grounding. III. Large portable machines 103207
Owen, G. *see* Takac, M.T. 115057
Owen, H.L. Ring-based bandwidth dimensioning in SDH networks 78065
Owen, H.L. *see* Autry, C.B. 108764
Owen, H.L. *see* Sholander, P.E. 77596
Owen, H.L. *see* Suller, V.P. 79866
Owen, J.R. Prospects for thin film lithium batteries 81706
Owen, J.R. *see* Eweka, I.E. 112216
Owen, M.R. *see* Boisvert, R.E. 70573
Owen, P. Media servers, broadcast servers: the same or different? 79180
Owen, S.J. The changing shape of on-line disc-based editing 109956
Owens, A.R. *see* Hancock, C.P. 115470
Owens, A.R. *see* Roberts, G. 90696
Owens, B. *see* Fryer, P.M. 89321
Owens, B.B., Bates, J.B. Thin-film solid state microbatteries 81688
Owens, B.B., Passerini, S., Smyrl, W.H., Xidis, A.L. Lithium ion insertion in V_6O_{13} porous electrodes 81681
Owens, B.B. *see* Le, D.B. 81684
Owens, B.B. *see* Passerini, S. 81683
Owens, B.B. *see* Tipton, A.L. 81697
Owens, D.W. *see* Gong, Y. 84171
Owens, J. *see* Broughton, H. 117727
Owens, R.M. *see* Acken, K.P. 108606
Owens, R.M. *see* Borah, M. 73266
Owens, R.M. *see* Borah, M. 93014
Owens, R.M. *see* Borah, M. 108694
Owens, R.M. *see* Mehta, H. 83101
Owens, R.M. *see* Mehta, H. 93208
Owens, R.M. *see* Nagendra, C. 93213
Owens, R.M. *see* Nagendra, C. 113921
Owens, R.M. *see* Vishwanath, M. 104602
Owirka, G.J. *see* Novak, L.M. 68632
Owirka, J. *see* Novak, L.M. 80732
Owman, F. *see* Hallin, C. 105712
Owona, N. *see* Gedney, S. 93753
Owrutsky, J.C. *see* Pasternack, L. 96635
Owyang, K. *see* Miller, W. 61743
Owyang, K. *see* Williams, R.K. 105991
Owzar, A. *see* Metzger, D. 114330
Oxenham, M.G., Kewley, D.J., Nelson, M.J. Measures of information for multi-level data fusion 117352

Oxford, D.B. Product development process–an economic model. The impact of changing product life cycles on revenue growth 112860

Oxley, M.E. *see* Burns, T.J. 66932

Oxley, P. *see* Stahl, A. 100109

Oxoby, G. *see* Claus, R. 100601

Oxoby, G. *see* Teytelman, D. 100523

Oyabu, I. *see* Tani, T. 91642

Oyabu, T., Kimura, H. Development of a monitoring system for indoor air-pollution using a semiconductive tin oxide gas sensor 111304

Oyaizu, I. *see* Tanaka, K. 87718

Oyaizu, M. *see* Jeong, S.C. 100438

Oyama, E., Maeda, T., Tachi, S. A human system learning model for solving the inverse kinematics problem by direct inverse modeling 98164

Oyama, J., Xia, X., Higuchi, T., Yamada, E., Koga, T. Effect of PWM pulse number on matrix converter characteristics 121670

Oyama, J., Xiaorong Xia, Higuchi, T., Kuroki, K., Yamada, E., Koga, T. VVVF on-line control of matrix converter 91625

Oyama, J., Xiaorong Xia, Higuchi, T., Yamada, E., Koga, T. Distortion analysis of PWM matrix converter 81558

Oyama, J. *see* Higuchi, T. 111925

Oyama, J. *see* Izumi, K. 104401

Oyama, J. *see* Yamada, E. 111836

Oyama, J. *see* Yamada, E. 112051

Oyama, K. *see* Ohkawa, M. 73346

Oyama, M. *see* Ogita, K. 91957

Oyama, N., Tatsuma, T., Sato, T., Sotomura, T. Disulfide-polyaniline composite materials having ultra-high energy density as a cathode of lithium secondary batteries 81686

Oyama, N. *see* Naoi, K. 81685

Oyama, N. *see* Okuno, A. 112954

Oyama, T. *see* Oda, Y. 101699

Oyama, Y. *see* Kasuga, S. 80014

Oyama, Y. *see* Maekawa, F. 69881

Oyama, Y. *see* Murai, A. 62722

Oyama, Y. *see* Nishizawa, J. 94331

Oyamada, M. *see* Do, L.M. 85304

Oyamada, M. *see* Hayakawa, K. 96456

Oyamada, S., Suda, K. A service operations software creation environment for advanced intelligent networks 78155

Oyamada, S. *see* Niitsu, Y. 78154

Oyamada, S. *see* Yatsuzuka, Y. 77916

Oyanagi, H. Present status of research on chalcopyrite and related compounds: between fundamental properties and solar cells 91739

Oyanagi, H. *see* Kolobov, A.V. 74289

Oyanagi, H. *see* Tweet, D.J. 61222

Oyanagi, S. *see* Kawakura, Y. 78078

Oyanagi, Y., Tatebe, O. Multigrid preconditioning for conjugate gradient method and its parallelization 92585

Oyang Yen-Jen *see* Yen-Jen Oyang

Oyarzun, R. *see* Moran, L. 121106

Oz, H. Independent modal-space control and estimation with distributed piezoelectric actuators and sensors 106385

Ozaita, M. *see* Fonash, S.J. 105975

Ozaki, H. *see* Hamamoto, T. 61901

Ozaki, H. *see* Hamamoto, T. 93383

Ozaki, H. *see* Hazumi, M. 100854

Ozaki, H. *see* Ooishi, T. 61899

Ozaki, H. *see* Ooishi, T. 93614

Ozaki, H. *see* Saitoh, Y. 80027

Ozaki, H. *see* Saitoh, Y. 100838

Ozaki, H. *see* Tsuboyama, T. 100836

Ozaki, H. *see* Yamauchi, T. 61893

Ozaki, H. *see* Yamauchi, T. 93376

Ozaki, K. *see* Ando, Y. 74119

Ozaki, K. *see* Arinaga, K. 72330

Ozaki, M., Kagimoto, Y., Kinoshita, H., Eto, T. Integrated test-program-development environment for LSI test system 88915

Ozaki, M. *see* Ohuchi, K. 78076

Ozaki, M. *see* Uto, S. 64819

Ozaki, T., Abe, K., Ito, Y., Umemura, T. A partial discharge behavior of piled PET films 64055

Ozaki, T., Kuroda, H. Space-resolved observation of false gain in soft-X-ray lasers 107132

Ozaki, T., Tanaka, H., Akimoto, H., Chigasaki, H., Sano, T., Hatae, H. A proposal for a 1/2 inch 2 Mpixel progressive scan line-amplified multiple multielectrode-potential-wells charge-transfer device 69287

Ozaki, T. *see* Aoki, M. 93361

Ozaki, T. *see* Chang-Jun Zhu 116301

Ozaki, T. *see* Inoue, N. 82764

Ozaki, T. *see* Itatani, J. 116427

Ozaki, T. *see* Kuroda, H. 116300

Ozaki, T. *see* Mitsui, H. 79765

Ozaki, T. *see* Nakano, Y. 119739

Ozaki, T. *see* Orimo, S. 116302

Ozaki, T. *see* Saito, K. 96518

Ozaki, Y. *see* Adachi, K. 80867

Ozaki, Y. *see* Shintake, T. 100531

Ozaktas, H.M., Arikan, O., Kutay, M.A., Bozdagt, G. Digital computation of the fractional Fourier transform 108308

Ozaktas, H.M., Mendlovic, D. Every Fourier optical system is equivalent to consecutive fractional-Fourier-domain filtering 86896

Ozaktas, H.M., Nuss, M.C. Time-variant linear pulse processing 108696

Ozanam, F. *see* Dubin, V.M. 62690

Ozanyan, K.B., May, L., Nicholls, J.E., Hogg, J.H.C., Hagston, W.E., Lunn, B., Ashenford, D.E. Near band-edge emission in strained MBE-grown ZnS 74168

Ozanyan, K.B., Nicholls, J.E., May, I., Hogg, J.H.C., Hagston, W.E., Lunn, B., Ashenford, D.E. Optically pumped stimulated emission in ZnS/ZnCdS multiple quantum-wells, MBE-grown on GaP 74455

Ozard, S. *see* Pawlowicz, R. 120808

Ozasa, H. *see* Nakagawa, S. 64019

Ozawa, H. *see* Ezawa, H. 80081

Ozawa, H. *see* Ezawa, H. 100931

Ozawa, H. *see* Fukuoka, T. 77027

Ozawa, I., Aikawa, N., Sato, M. FIR filters with given rise characteristics in the step response 114117

Ozawa, K., Taumi, S.-I., Nomura, T. MP-CELP speech coding based on multi-pulse vector quantization and fast search 117288

Ozawa, K. *see* Asada, H. 79622

Ozawa, K. *see* Kojima, M. 102918

Ozawa, M., Inagaki, M., Suzuki, S. LiNbO$_3$ composite oscillator for internal friction and modulus measurement at elevated temperatures 73002

Ozawa, M., Nakayama, H., Sugihara, O., Okamoto, N., Hirota, K. Guest-host polymer films for stable and large second-order nonlinearity 85601

Ozawa, M. *see* Homma, S. 121332

Ozawa, M. *see* Kita, A. 105706

Ozawa, N. *see* Kataoka, A. 102343

Ozawa, S., Sasajima, Y., Heermann, D.W. Monte Carlo simulations of film growth 60812

Ozawa, S. *see* Juping Yang 77426

Ozawa, S. *see* Juping Yang 86876

Ozawa, S. *see* Saito, H. 87073

Ozawa, S. *see* Saito, H. 108722

Ozawa, S. *see* Sato, E. 119160

Ozawa, S. *see* Yang, J. 117854

Ozawa, T., Ando, M., Hayakawa, Y., Kumagawa, M. Effect of temperature gradient on InGaAs crystal growth and its numerical analysis 92665

Ozawa, T., Tanaka, N. Internet server Goah series 118389

Ozawa, T. *see* Hayakawa, Y. 113269

Ozawa, T. *see* Ishii, S. 119445

Ozawa, T. *see* Miyai, H. 100238

Ozawa, T. *see* Tomiyama, S. 94995

Ozawa, Y. *see* Uota, T. 78161

Ozbay, E. *see* Temelkuran, B. 110091

Ozcelik, T., Katsaggelos, A.K. Detection and encoding of model failures in very low bit rate video coding 86928

Ozdamar, O. *see* LeBron Paige, A. 90533

Ozdemir, A. Loss-constrained economic power dispatch 121032

Ozdemir, H., Kepkep, A., Pamir, B., Leblebici, Y., Cilingiroglu, U. A capacitive threshold-logic gate 93257

Ozdemir, H. *see* Leblebici, Y. 93260

Ozdemir, P. An airborne lidar system for pollution detection and mapping 70539

Ozdemir, T., Nurnberger, M.W., Volakis, J.L., Kipp, R., Berrie, J. A hybridization of finite-element and high-frequency methods for pattern prediction for antennas on aircraft structures 85993

Ozdemit, D. *see* Akarun, L. 77487

Ozden, B., Rastogi, R., Silberschatz, A. Buffer replacement algorithms for multimedia storage systems 98851

Ozden, B., Rastogi, R., Silberschatz, A. Disk striping in video server environments 99795

Ozden, B., Rastogi, R., Silberschatz, A. Disk striping in video server environments 119500

Ozden, M.T., Kayran, A.H., Panayirci, E. Adaptive Volterra filtering with complete lattice orthogonalization 97791

Ozder, S., Atilgan, I., Katircioglu, B. New approach to bias scan DLTS for rapid evaluation of interface states in MOS structures 114828

Ozdes, A. *see* Ozis, T. 72559

Ozeki, T., Mitsuoka, A., Yoshimura, M., Kudo, T. Birefringence distribution along fiber length 85017

Ozeki, T. *see* Murata, Y. 115656

Ozeki, T. *see* Ninomiya 64569

Ozer, A.M. *see* Bulur, E. 110963

Ozer, J. MPEG mysteries: a close-up on high-end service bureaus 86343

Ozer, M., Paraskevopoulos, K.M., Anagnostopoulos, A.N., Kokou, S., Polychroniadis, E.K. Large single-crystal growth and characterization of the narrow-gap semiconductor TlBiS$_2$ 113284

Ozer, M. *see* Kayikcioglu, T. 117881

Ozerov, M.A. *see* Vasiliev, A.S. 116327

Ozeryansky, G. *see* Sumption, M.D. 64526

Ozeryansky, G. *see* Sumption, M.D. 84864

Ozev, S., Altinordu, A., Dundar, G. Implementation of a radix 2^n multiplier using high performance logic 113927

Ozgunes, I., Kumar, B.V.K.V., Kryder, M.H. Effect of transition noise on the signal-to-noise ratio of magnetooptic read channels 85149

Ozgus, V. *see* Liu, Y.S. 116287

Ozguz, V. *see* Jin, M.S. 85330

Ozguz, V. *see* Zaleta, D. 85343

Ozheredov, I.A. *see* Angeluts, A.A. 96120

Ozin, G.A. *see* Bowes, C.L. 92829

Ozis, T., Ozdes, A. A direct variational methods applied to Burgers' equation 72559

Ozizmir, E. *see* Woollman, S. 113252

Ozkul, A. *see* Goldman, A.M., Jr. 101474

Ozkul, A. *see* Peters, R.A. 99440

Ozkul, A. *see* Raghunathan, K. 101484

Ozkul, C., Amara, K., Anthore, N., Lebrun, D. Application of the photorefractive effect: particle image velocimetry from simultaneous recording of several light sheets and laser Doppler velocimetry with the Bessel beams 107686

Ozkul, C. *see* Lebrun, D. 79693

Ozolov, V. *see* Izmailov, A. 96577

Ozols, A., Salminen, O., Raita, E. Temperature dependence of F→X reaction based holographic recording in electrolytically coloured KBr crystals 96766

Ozols, A. *see* Riihola, P. 76305

Ozols, J. Avionics processing system trends and implications 70357

Ozono, A. *see* Furutani, R. 99837

Ozono, S. *see* Asano, H. 100328

Ozonoff, D. *see* Poole, C. 90664

Ozrin, V.D. *see* Bruce, N.C. 100057

Oztas, H. *see* Yilmaz, G. 81093

Oztek-Yerli, C.F. *see* Lucyszyn, S. 114275

Ozturk, A., Chakravarthi, P.R., Weiner, D.D. On determining the radar threshold for non-Gaussian processes from experimental data 78970

Ozturk, C. The causes of noise generation in fractional horse power motors of household appliances 71928

Ozturk, C. *see* Wen-Yao Shi 70215

Ozturk, M. *see* Yuen-Shung Chieh 63461

Ozturk, M. *see* Yuen-Shung Chieh 84222

Ozturk, M.C. *see* Aldrich, D.B. 74618

Ozturk, M.C. *see* Hobbs, C.C. 105500

Ozue, T., Watanabe, Y., Kohno, T., Hirose, T., Koseki, K. Development of high density recording for advanced tape streamer 115789

Ozur, G.E. *see* Nazarov, D.S. 120102

Ozuydmaz, B. *see* Ercil, A. 92283

Ozveren, C.M. *see* Kaminow, I.P. 77942

Ozveren, C.S. *see* Birch, A.P. 101766

Ozveren, C.S. *see* Birch, A.P. 101992

Ozyazici, M.S. *see* Sayin, M. 76022

Ozygus, B. *see* Laabs, H. 65131

Ozzello, T. *see* Lazzarino, M. 74462

P., J.M.Estrada *see* Estrada P., J.M.

P., R.Castaneda *see* Castaneda P., R.

P.A. Silva, M.de *see* de P.A. Silva, M.

Paakki, J. *see* Arvonen, K. 77756

Paakkolanvaara, P. The integrated route to efficient testing 118926

Paakkonen, M. *see* Porra, V. 118915

Paal, A. *see* Quinteros, T. 110521

Paalanen, M.A. *see* Hirvi, K.P. 84043

Paananen, D. *see* Swirhun, S. 119223

Paap, G.C. *see* Munteanu, Fl. 111690

Paar, G. *see* Gelautz, M. 111099

Paas, S.M., Ertl, H. Administration of SHPC systems within heterogeneous UNIX network environments 87613

Paasi, J., Lahtinen, M., Aized, D., Fleshler, S., Snitchler, G., Malozemoff, A.P. AC losses in multifilamentary Bi-2223/Ag superconducting tapes 95408

Paasi, J., Tuohimaa, A. Hysteresis losses in Bi-2223 superconductors 95409

Paasi, J. *see* Lahtinen, M. 95414

Paasi, J. *see* Lahtinen, M. 115900

Paasio, A., Dawidziuk, A., Porra, V. Implementation of cellular neural network operating with bipolar images 104753

Paasio, A., Dawidziuk, A., Porra, V. High speed CNN VLSI implementation 114177

Paaske, E. *see* Jensen, O.R. 66472

Paatzsch, T. *see* Abraham, M. 74910

Paatzsch, T. *see* Bauer, H.-D. 106801

Pabbisetty, S. *see* Kudva, S.M. 92351

Pabianczyk, J. Choice of a motor for different traction vehicle drive systems 112526

Pabiot, J. *see* Krawczak, P. 113606

Pablo Paz, J. *see* Laflamme, R. 76811

Pablos, J.De *see* De Pablos, J.

Pablot, S.M. *see* Kyriou, J.C. 80522

Pabot, J.L. Eskom's power generation strategy to manage the peaks 70698

Pabot, Y. *see* Baze, J.M. 90186

Pabst, M., Bongardt, K. Beam dynamics in the 1.3 GeV high intensity ESS coupled cavity linac 90002

Pabst, M. *see* Bongardt, K. 90003

Pabst, M. *see* Bongardt, K. 90004

Pac, C. *see* Yonehara, H. 102984

Pacaud, A. *see* Abdipour, A. 93814

Pacaud, A. *see* Abdipour, A. 93928

Pacaud, A. *see* Bareau, P. 119861

Pacaud, Y., Brauer, G., Perez-Rodriguez, A., Stoemenos, J., Barklie, R., Voelskow, M., Skorupa, W. Study of the different stages of damage induced by 200 keV Ge$^+$ ion implantation in 6H-SiC 105591

Pacaud, Y. *see* Brauer, G. 94452

Pacaud, Y. *see* Serre, C. 61248

Paccagnella, A., Ceschia, M., Verzellesi, G., Betta, G.F.D., Zen, M., Fuochi, P.G., Soncini, G. Asymmetrical oxide-charge build-up in irradiated p-MOSFETs 63755
Paccagnella, A., Ceschia, M., Verzellesi, G., Dalla Betta, G.F., Bellutti, P., Fuochi, P.G., Soncini, G. Forward and reverse characteristics of irradiated MOSFETs 74738
Paccagnella, A., Ceschia, M., Verzellesi, G., Dalla Betta, G.F., Bellutti, P., Fuochi, P.G., Soncini, G. Forward and reverse characteristics of irradiated MOSFETs 106014
Paccagnella, A., Rizzato, A., Scarpa, A., Zanoni, E., Crisenza, G., Ghidini, G. Electrical and radiation tests of thin tunnel oxides 95203
Paccagnella, A. *see* Bacchetta, N. 80042
Paccagnella, A. *see* Bacchetta, N. 100853
Paccagnella, A. *see* Meneghesso, G. 84473
Paccagnella, A. *see* Meneghesso, G. 106052
Paccagnella, A. *see* Zanoni, E. 63760
Pace, M. *see* Carbone, J. 100128
Pace, M. *see* Zarnowski, J. 100120
Pace, M.O. *see* Dorris, D.L. 115400
Pace, M.O. *see* Dorris, D.L. 115401
Pace, O. *see* Mandolesi, N. 109844
Pace, P. *see* De Riva, A.M. 96579
Pace, P.E., Ying, S.J., Powers, J.P., Pieper, R.J. Integrated optical sigma-delta modulators 120607
Pace, S. *see* Guilfoyle, C. 91362
Pacebutas, V. *see* Grigoras, K. 74611
Pacebutas, V. *see* Grigoras, K. 94301
Pacenti, P. *see* Campi, F. 120189
Pacha, C., Goser, K. Application of terminal dynamics in cellular neural networks 62134
Pachanathan, S. *see* Shoude Chang 77251
Pacheco, A.M.G. *see* Sequeira, C.A.C. 112199
Pacheco, D.P. *see* Balachandran, R.M. 65052
Pacheco, D.P. *see* Minnigh, S.W. 96128
Pacheco, G.M., Scalise, E., Jr. Millimeter radio astronomical research: acousto-optic spectrometer device and measurement uncertainties 99711
Pacheco, G.Mendes *see* Mendes Pacheco, G.
Pacheco, K. *see* John, S. 114569
Pacheco, K.A., Ferguson, B.A., Banerjee, S., Mullins, C.B. Surface morphology of homoepitaxial silicon thin films grown using energetic supersonic jets of disilane 92739
Pacheco, M.A. *see* Zebulum, R.S. 91057
Pacheco, M.J.O. *see* Ramirez-Nino, J. 81114
Pacheco, V.M., Farias, V.J., Vieira, J.B., Jr., Nascimento, A.J., Jr., de Freitas, L.C. A quadratic buck converter with lossless commutation 71432
Pachi', A. *see* De Luca, F. 110830
Pachla, W. *see* Kovac, P. 75338
Pachnik, J.E. *see* Harding, D.J. 89795
Pachnik, J.E. *see* Harding, D.J. 89796
Pachocki, M. *see* Pietruszko, S.M. 105574
Pachter, M. *see* Reynolds, O.R. 90912
Pacifici, G. *see* Chan, M.C. 108883
Pacifici, G. *see* Orda, A. 87313
Pacitti, M.C., Blake, J.N., Carrara, S.L.A. A simple model of dispersion in step-index elliptical-core optical fibers 84989
Pack, A.V., Jr. *see* Rana, L.L. 121173
Pack, C.D. Network traffic management for new technologies: myths and facts 77870
Pack, R.M. *see* Dress, W.B., Jr. 119666
Pack, R.T. *see* Kawamura, K. 80499
Pack, S., Seiser, M.D. Transient behaviour of an-urban medium voltage cable network 111587
Pack, S. *see* Rechberger, K. 112034
Packard, P. *see* Marche, P. 69316
Packard, P.D. *see* Armstrong, G.R. 119735
Packard, R.E. *see* Schwab, K. 106257
Packer, J.S. *see* Xu, Z.M. 70168
Packwood, R.A. *see* Martin, G.R. 86579
Pacut, A. *see* Hejn, K. 110075
Paczkowski, D., Soinski, M. Soft magnetic materials in electrical equipment 106478
Paczkowski, G. FRAM chips help remote system collect data cost effectively 99872
Pada Biswas, G., Sen Gupta, I. Generalized modular design of testable m-out-of-n code checker 61773
Padaca, V.F., Hess, H.L. Resonant interaction and additive harmonic effects of multiple paralleled AC drives in forest products processing 92002
Padaev, N.N., Mironovskii, L.V. Information content of data from alternative tests with different durations in the presence of failures 82327
Padalino, J.P. *see* Weisbrich, A.L. 102530
Padalko, V.N. *see* Vasil'chenko, Yu.V. 114545
Padamsee, H., Barnes, P., Belomestnykh, S., Berkelman, K., Billing, M., Ehrlich, R., Flynn, G., Greenwald, Z., Hartung, W., Hays, T., Henderson, S., Kaplan, R., Kirchgessner, J., Knobloch, J., Moffat, D., Muller, H., Nordberg, E., Peck, S., Pisharody, M., Reilly, J., Rogers, J., Rice, D., Rubin, D., Sagan, D., Sears, J., Tigner, M., Welch, J. Beam test of a superconducting cavity for the CESR luminosity upgrade 100471
Padamsee, H. *see* Belomestnykh, S. 89896
Padamsee, H. *see* Belomestnykh, S. 89897
Padamsee, H. *see* Crawford, C. 79853
Padamsee, H. *see* Hartung, W. 90028
Padamsee, H. *see* Hays, T. 100490
Padamsee, H. *see* Knobloch, J. 100492
Padamsee, H. *see* Knobloch, J. 120026
Padamsee, H. *see* Pekeler, M. 119967
Padamsee, H. *see* Pisharody, M. 100658
Paddock, R.E. *see* Cooley, P.C. 98858
Padencov, D. *see* Ghita, Th. 81077
Padencov, D. *see* Sandu, L. 78329
Paderes, F., Jr. *see* Pearson, J.J. 117650
Padfield, G.D. *see* Charlton, M.T. 120593
Padgett, M.J. *see* Turnbull, G.A. 73684
Padgett, M.L. *see* Wilamowaki, B.M. 104761
Padhye, M.P. *see* Maitra, A. 121222
Padilha, A., Basso, A.R. A hybrid method for the solution of sparse power system matrices on vector computers 101661
Padilla, G.P. *see* Scholl, M.S. 89160
Padilla, J. *see* Siala, S. 99505
Padin, S., Woody, D.P., Stern, J.A., LeDuc, H.G., Blundell, R., Tong, C.-Y.E., Pospieszalski, M.W. An integrated SIS mixer and HEMT IF amplifier 73782
Padiyar, K.R., Geetha, M.K., Rao, K.U. A novel power flow controller for controlled series compensation 70840
Padiyar, K.R., Kulkarni, A.M. Analysis and design of voltage control of static condenser 111624
Padiyar, K.R., Rao, S.S. Dynamic analysis of small signal voltage instability decoupled from angle instability 111468
Padman, R. Optical fundamentals for array feeds [radio telescopes] 68785
Padman, R., Blundell, R. MARS–the MRAO Array Receiver System 68799
Padman, R. *see* Yassin, G. 68819
Padmanaban, M., Kinoshita, Y., Kawasaki, N., Okazaki, H., Funato, S., Pawlowski, G. Acetal based three component CARs: a versatile concept to tailor optical properties of resists 105776
Padmanaban, M. *see* Funato, S. 105772
Padmanabhan, K., Lo, S., Lapone, A. Architecture of an emulator testbed for heterogeneous ATM/STM networks 77598
Padmanabhan, K. *see* Kennedy Kumar, K. 67652
Padmanabhan, V.N., Mogul, J.C. Using predictive prefetching to improve World Wide Web latency 109070
Padmanabhan, V.N. *see* Balakrishnan, H. 118126
Padmavati, M.V.G. *see* Tyagi, R. 106951
Padmore, H. *see* Beuville, E. 80191
Padmore, H. *see* Beuville, E. 101239
Padoani, F. *see* Agosteo, S. 90649
Pados, D.A. *see* Batalama, S.N. 88208
Padovan, W. *see* Cacciari, M. 84698
Padovani, S. *see* Hehn, M. 64271
Padro, C., Morillo, P., Fiol, M.A. Comments on "Line digraph iterations and connectivity analysis of de Bruijn and Kautz graphs" 82427
Padrta, M. *see* Bergauer, H. 69856
Padua, M., Farias, R., Elias, R., Mateus, G.R., Filho, S.P.P. Object oriented modeling of electric power systems: a load-flow case 101913
Padua Braga, A.de *see* de Padua Braga, A.
Paduan-Filho, A., Becerra, C.C., Palacio, F. Remanent magnetization in the linear chain antiferromagnet $(CH_3NH_3)Mn_{1-x}M_xCl_3 \cdot 2H_2O$, M=Cd or Cu 64188
Paduschek, P., Tamme, M., Hankey, T.D. Advanced ellipsometry for very thin films and multilayers 89526
Padushnikova, K.A. *see* Kavin, A.A. 102774
Paek, S., Bocheck, P., Chang, S.-F. Scalable MPEG2 video servers with heterogeneous QoS on parallel disk arrays 119420
Paek, S.H. *see* Chang, Y.H. 61320
Paek Seung-Kwon *see* Seung-Kwon Paek
Paek Seungyup *see* Seungyup Paek
Paek Su-Hyon *see* Su-Hyon Paek
Paes, H., Jr., Losch, W. Light-induced degradation in a-Si:H P-I-N solar cells 74125
Paes, H., Jr. *see* Grunow, P. 82737
Paetz gen. Schieck, H. *see* Albers, D. 69756
Paetz gen Schieck, H. *see* Eversheim, P.D. 120080
Paetzold, J. *see* Blume, D. 70867
Paez, J.M. *see* Fernandez-Duran, A. 109540
Paez-Monzon, C. *see* Paez-Monzon, G. 113968
Paez-Monzon, G., Paez-Monzon, C. The RISC processor DMN-6: a unified data-control flow architecture 113968
Paffett, J. *see* Danesfahani, G.R. 86191
Pagan, C.J.B. *see* Pomilio, J.A. 116592
Pagana, E. *see* Matekovits, L. 66139
Pagani, C. *see* Burrini, D. 90029
Pagani, C. *see* Fiorentini, G. 90088
Pagani, C. *see* Giove, D. 89909
Pagani, C. *see* Michelato, P. 90110
Pagani, E., Rossi, G.P. Comparing performances and quality of service of group communication protocols 108867
Pagani, L. *see* Beaudin, G. 79100
Pagani, P. *see* Borghetti, A. 102430
Paganin, D. *see* Nugent, K.A. 120236
Pagano, A. *see* Artiglia, M. 119204
Pagano, E. *see* Abbruzzese, F. 102751
Pagano, E. *see* Celentano, G. 121922
Pagano, E. *see* Sabella, R. 78734
Pagano, L. *see* Baur, T. 89238
Pagano, O. *see* Billan, J. 100647
Pagano, S. *see* Nappi, C. 115942
Paganoni, M. *see* Alvsvaag, S.J. 90124
Paganucci, F. *see* Beverini, N. 119926
Page, C. *see* Cardullo, M. 83448
Page, C. *see* Cardullo, M. 83471
Page, C. *see* Conlon, P. 98260
Page, D.A. *see* Hall, P.R. 76310
Page, D.J. An introduction to the optical commutator 66173
Page, E. *see* Tagliarini, G. 87162
Page, E.M. *see* Lin, J.C. 71046
Page, E.W. *see* Johnson, C.M. 86261
Page, G.J. *see* Cootes, T.F. 108408
Page, J., Cook, A. Stirred mode reverberation chambers for EMC emission measurements and radio type approvals or organised chaos 97158
Page, J.P. *see* Ladd, S.K. 83665
Page, L.A. *see* Kowitt, M.S. 99705
Page, O. *see* Mercantini, J.M. 110932
Page, R.D. *see* Catford, W.N. 69884
Page, R.H., DeLoach, L.D., Wilke, G.D., Payne, S.A., Beach, R.J., Krupke, W.F. Cr^{2+}-doped II-VI crystals: new widely-tunable, room-temperature mid-IR lasers 65166
Page, R.H. *see* DeLoach, L.D. 65346
Pages, O., Renucci, M.A., Briot, O., Aulombard, R.L. Coupled LO-plasmon modes in semi-insulating GaAs of ZnSe/GaAs heterojunctions 94465
Pages, P. *see* Botner, O. 69728
Pages, P. *see* Cossutti, F. 69730
Pages-Zamora, A., Lagunas, M.A., Jimenez, T. Memoryless predistortion of nonlinear amplifiers based on Fourier series based models 119385
Pagey, M., Milanowski, R., Snyder, E., Bui, N., Deem, B., Bhuva, B., Kerns, S. Unified model for n-channel hot-carrier degradation under different degradation mechanisms 95027
Pagey, S. Fast functional testing of delay-insensitive circuits 61780
Pagey, S., Al-Khalili, A.J. Universal TSC module and its application to the design of TSC circuits 93244
Pagey, S., Khoche, A., Brunvand, E. DFT for fast testing of self-timed control circuits 61781
Paggel, J.J. *see* Bratina, G. 72787
Paggel, J.J. *see* Herve, D. 75950
Paggel, J.J. *see* Lazzarino, M. 74462
Pagli, L. *see* Nayak, A. 93256
Paglia, P., Alfano, D. An A/D converter for portable measurement applications 119544
Paglierani, P. *see* Bertocco, M. 119586
Paglino, C., Fach, A., John, J., Masek, J., Muller, P., Zogg, H., Buttler, W. $Pb_{1-x}Sn_xSe$-on-Si IR-sensor arrays and application for LWIR thermal imaging 69234
Paglino, C. *see* Masek, J. 110153
Paglino, C. *see* Muller, P. 114846
Paglino, C. *see* Zogg, H. 69274
Paglino, C. *see* Zogg, H. 72831
Pagnin, P. *see* Katzier, H. 114378
Pagnin, P. *see* Pombacher, F. 114384
Pagnod, P. *see* Klenk, M. 96423
Pagnod-Rossiaux, P. *see* Ils, P. 62921
Pagnod-Rossiaux, Ph. *see* Wang, K.H. 62986
Pagnoux, D. *see* Blondy, J.M. 64705
Pagnoux, D. *see* Roy, P. 107147
Pagola, F.L. *see* Barquin, J. 101718
Pagotto, A.C. *see* Finardi, C.A. 93925
Pagoulatos, N. *see* Tzanakos, C. 101316
Pagurova, V.I., Shvedov, A.V. On the asymptotic distribution of the maximum of a stationary Gaussian sequence 103800
Pahala Pasaribu, D., Yasuda, Y. Study on geometric reduction of Landsat TM image for geological analysis: case study area: North Sumatra Basin, Indonesia 87137
Pahalawaththa, N.C. *see* Annakkage, U.D. 80883
Pahalawaththa, N.C. *see* Chen, X.R. 80887
Pahalawaththa, N.C. *see* Chen, X.R. 101967
Pahalawaththa, N.C. *see* Chen, X.R. 111470
Pahalawaththa, N.C. *see* Chen, X.R. 111562
Pahalawaththa, N.C. *see* Samarasinghe, V.G.D.C. 80888
Pahalawaththa, N.C. *see* Samarasinghe, V.G.D.C. 111496
Pahalawaththa, N.C. *see* Samarasinghe, V.G.D.C. 121020
Pahi, A. *see* Szekely, V. 74808
Pahira, J.J. *see* Tohme, W.G. 110865
Pahk Yong Hyen *see* Yong Hyen Pahk
Pahl, J.J. *see* D'Souza, M.F. 69966
Pahl, U. *see* Carl, K.D. 99685
Pahlavan, K., Falsafi, A. Trends in local wireless data networks 109092
Pahlavan, K. *see* Falsafi, A. 98673
Pahlke, S. *see* Fabry, L. 94653
Pahner, U. *see* Hameyer, K. 65744
Pahner, U. *see* Mertens, R. 107709
Pahomov, A.A. *see* Safronov, A.N. 108658
Pai, C. *see* Bunce, G. 100643
Pai, C. *see* Hseuh, H.C. 89610
Pai, C.S. High quality voids free oxide deposition 61346
Pai, K.R., Murthy, K.V.V., Ramachandran, V. A Chebyshev functional as a basis for the unification of filter responses 62004
Pai, M.A. *see* Vournas, C.D. 101896
Pai, M.A. *see* Vournas, C.D. 120951
Pai, P., Brewster, A., Abidi, A. A 160 MHz front-end IC for EPR-IV PRML magnetic-storage read channels 75264
Pai, S.P. *see* Jensen, D.W. 79452
Pai Hung-Ta *see* Hung-Ta Pai
Pai Pin-I *see* Pin-I Pai
Pai-Chuan Yang, Hong-Tzer Yang, Ching-Lien Huang Solving the unit commitment problem with

a genetic algorithm through a constraint satisfaction technique 111768
Pai-Chuan Yang *see* Hong-Tzer Yang 81294
Pai-Ning Hung, Worm-Chi Ho, Chaur Ching Yeh The experience of fibre-optic cable construction of network backbone [for power system communication] 121011
Paic, G. *see* Di Mauro, A. 62558
Paice, D.A. *see* Choi, S. 71758
Paiella, R., Hunziker, G., Jianhui Zhou, Vahala, K.J., Koren, U., Miller, B.I. Polarization properties of four-wave mixing in strained semiconductor optical amplifiers 65511
Paige, A.LeBron *see* LeBron Paige, A.
Paige, C.C. *see* Xiao-Wen Chang 113227
Paige, E.G.S. *see* Broomfield, S.E. 64818
Paige, M.E. *see* Stanton, A.C. 69366
Paik, H.J. *see* Canavan, E.R. 111155
Paik, H.W., Grablander, T.W. Single sideband modulator implementation using the ADSP-2101 EZ-Lab board 93189
Paik, J.C. *see* Kim, J.H. 74094
Paik, J.H., Paik, J.K., Hwang, J.H., Choi, J.S. Multichannel image interpolation algorithms 86536
Paik, J.K. *see* Moon, J.I. 86556
Paik, J.K. *see* Na, W. 86560
Paik, J.K. *see* Paik, J.H. 86536
Paik Ho Jung *see* Ho Jung Paik
Paik Joon Ki *see* Joon Ki Paik
Paik Jung Hoon *see* Jung Hoon Paik
Paik Kyung *see* Kyung Paik
Paillard, C. *see* Costa, M. 90231
Paillard, C. *see* Costa, M. 100982
Paille, F. *see* Othmani, A. 85673
Paillet, G. Silicon neural networks learn as they compute 104773
Paillet, J.-L. *see* Allemand, M. 73243
Paillet, P., Autran, J.L., Flament, O., Leray, J.L., Aspar, B., Auberton-Herve, A.J. X-radiation response of SIMOX buried oxides: influence of the fabrication process 74495
Paillet, P., Autran, J.L., Flament, O., Leray, J.L., Aspar, B., Auberton-Herve, A.J. X-radiation response of SIMOX buried oxides: influence of the fabrication process 105508
Paillet, P. *see* Escoffier, R. 106016
Paillet, P. *see* Martini, M. 74496
Paillet, P. *see* Martini, M. 105517
Paillou, P. *see* Jun Shen 117599
Pain, B. *see* Panicacci, R. 100123
Pain, B. *see* Panicacci, R. 100124
Pain, B. *see* Yadid-Pecht, O. 100125
Pain, D. *see* Le Bihan, R. 106362
Pain, L., Le Cornec, C., Rosilio, C., Paniez, P.J. Free volume variations during exposure and PEB of DUV positive resists: Effect on dissolution properties 105763
Pain, M. *see* Wegrowe, J.-G. 76559
Paine, S. *see* Tong, C.-Y.E. 109847
Painter, E.M. *see* Spanias, A. 60443
Painter, M. *see* Prica, M. 81854
Painter, T. *see* Devernoe, A. 95533
Painuly, J.P., Sudhakara Reddy, B. Electricity conservation programs: barriers to their implementation 70752
Paipetis, A. *see* Arjyal, B. 79727
Paisner, J.A., Boyes, J.D., Kumpan, S.A., Lowdermilk, W.H., Sorem, M. Conceptual design of the National Ignition Facility 85412
Paitich, R. Wide range vacuum gauge control 79753
Paiva, E.P.de *see* de Paiva, E.P.
Paiva, J.A.C.de *see* de Paiva, J.A.C.
Paiziev, Sh.D. *see* Bakhramov, S.A. 75889
Pajewski, W., Kielczynski, P., Szalewski, M. Transducers with narrow radiation beam 106473
Pajewski, W. *see* Kielczynski, P. 111358
Pajot, B. *see* Morazzani, V. 94249
Pajusco, P. *see* Wiart, J. 85877
Pak, J. *see* Ling, Z.-M. 60571
Pak, K. *see* Hosono, K. 62101
Pak, K. *see* Johnson, J.T. 65763
Pak, K. *see* Johnson, J.T. 120877
Pak, K. *see* Tsang, L. 80593
Pak, P.E. *see* Bresler, M.S. 75720
Pak, P.S., Hachikawa, T., Suzuki, Y. Proposal and characteristics evaluation of a CO_2-recovering hybrid power generation system utilizing solar thermal energy 102476
Pak, P.S., Sukuki, Y. Characteristics evaluation of a CO_2-capturing hybrid power generation system utilizing solar thermal energy when constructed in Osaka city 91400
Pak Chae Ha *see* Chae Ha Pak
Pak Chau *see* Donnelly, K. 74851
Pak Kyung *see* Kyung Pak
Pak Wong Ka *see* Ka Pak Wong
Paker, S., Kent, S. Application of adaptive algorithms for near-field far-field transformation 65772
Paker, S. *see* Sevgi, L. 76406
Paker, Y. *see* Blonde, L. 79151
Pakhomov, A., Chung-Jen Wu, Yit-Tsong Chen, Lin, S.H. Transient degenerate four-wave mixing in molecular systems 116698
Pakhomov, A.A. Optimization of an image restoration algorithm from its Fourier spectrum phase 77105
Pakonen, P., Harkonen, J., Nousiainen, K. EMR and PD measurements as a diagnostic technique for medium voltage surge arresters and instrument transformers 102275
Pakravan, M.R. Estimation of indoor infrared channel parameters using neural networks 88619
Pakravan, M.R., Kavehrad, M. Distribution of infrared light power for indoor broadband wireless communications 88620
Pakulski, G., Blaauw, C., Cleroux, M., Kim, H.B., Clark, D.A., Hillier, M. Adjustable chirp in three-electrode directly modulated distributed feedback lasers 65192
Pal, A.J., Ostergard, T., Paloheimo, J., Stubb, H. Polymeric light-emitting diodes from molecularly thin poly(3-hexylthiophene) Langmuir-Blodgett films 96029
Pal, A.K. *see* Basu, M. 105117
Pal, B. Response of a composite resonator under pulse excitation: a numerical study 115467
Pal, B.B. The transient and DC characteristics of a high electron mobility photo transistor 106982
Pal, B.B. *see* Mitra, H. 110172
Pal, B.B. *see* Prasad Rao, K.S.V.S.N. 93779
Pal, B.B. *see* Shubha 106094
Pal, B.B. *see* Singh, J.S. 106095
Pal, C., Agrawal, S. Window-based congestion control in a packet switched network with voice and data transmission 108761
Pal, D., Bose, D.N. Photoconductivity and photoluminescence studies in copper diffused InP 62727
Pal, D., Chakraborty, A.K., Sen, S., Sen, S.K. The synthesis, characterization and sintering of sol-gel derived cordierite ceramics for electronic applications 92953
Pal, D., Joshi, Y. Application of phase change materials for passive thermal control of plastic quad flat packages: a computational study 92267
Pal, D. *see* Bose, D.N. 104075
Pal, H.K. *see* Suryanarayana, T. 121430
Pal, J., Sarvesh, B., Ghosh, M.K. A new method for model order reduction 60824
Pal, J. *see* Chattopadhyay, P. 84461
Pal, J.K. *see* Soni, A. 112628
Pal, N.R. *see* Biswas, S. 98145
Pal, N.R. *see* Karayiannis, N.B. 108144
Pal, P.K., Datta, S.K., Mukhopadhyay, K., Saha, H. Role of antireflection coating in microgrooved silicon solar cells 121879
Pal, R., Choudhary, P.K., Basu, P.K., Warrier, A.V.R. Focal plane array hybridization 110207
Pal, R., Purohit, R.K., Agarwal, S.K. Growth and characterisation of vapour phase epitaxial $In_xGa_{1-x}As$ layers grown on InP substrates 104004
Pal, R. *see* Misra, V.C. 117061
Pal, R. *see* Singh, R. 110167
Pal, R.K. *see* Hariharan, V.K. 76458
Pal, R.N. *see* Patra, J.C. 97757
Pal, R.R., Kal, S., Chakrabarti, N.B. Programmable voltage controlled oscillators (VCO) using complementary bipolar inverter cells 113798
Pal, R.R. *see* Kal, S. 106183
Pal, S., Mudholkar, M., Dubey, G.C., Singh, R.A., Purohit, R.K. Dry etching of semi-insulating GaAs for devices fabrication 104873
Pal, S., Singh, R.A., Mittal, V., Dubey, G.C. Reactive ion etching of bulk MCT on sapphire using methane and hydrogen 105721
Pal, S. *see* Landau, D.P. 61236
Pal, S. *see* Prasad, S.N. 70302
Pal, S. *see* Ramabrahmam, R. 99139
Pal, S. *see* Sreekantaswamy, M.S. 114160
Pal, S.K., Mitra, S. Noisy fingerprint classification using multilayer perceptron with fuzzy geometrical and textural features 77076
Pal, S.K. *see* Banerjee, M. 108419
Pal, S.K. *see* Biswas, S. 98145
Pal, S.K. *see* Mukhopadhyay, S.C. 111957
Pal, U., Chaudhuri, B.B. An improved document skew angle estimation technique 86952
Pal, U.B. *see* Sridhar, S. 81868
Pal Chaudhuri, P. *see* Chakraborty, S. 93228
Pal Chaudhuri, P. *see* Chattopadhyay, S. 93498
Pal Chaudhuri, P. *see* Nandi, S. 61841
Pal Singh, J., Kumar, A., Kumar, S. A multiplier generator for Xilinx FPGAs 93336
Pala-Schonwalder, P. *see* Miro-Sans, J.M. 82903
Palacharla, P. *see* Boothroyd, S.A. 87244
Palacharla, P. *see* Shoude Chang 77251
Palacio, F. *see* Paduan-Filho, A. 64188
Palacios, J.J. *see* Martin-Moreno, L. 62953
Palacios, S.L. *see* Morales, R. 64733
Palacios Diaz, S. *see* Fernandez Diaz, J.M. 97250
Paladin, G. *see* Ruggieri, M. 88187
Palagi, P.M. *see* Guerin-Dugue, A. 98063
Palagin, A.V., Opanasenko, V.N., Chigirik, L.G. Synthesizing a Hamming adder of arbitrary word width 73303
Palagin, A.V. *see* Mikhalevich, V.S. 99912
Palaio, N. *see* Cho, H.S. 80044
Palaio, N. *see* Cho, H.S. 100832
Palais, J.C., Javurek, C.G. The Arizona State University electrical engineering undergraduate open laboratory 60454
Palais, J.C., Miller, M.E. Holographic movies 116768
Palamarchuk, S. *see* Gamm, A. 101881
Palamutcuoglu, O. *see* Darsinooieh, A.H. 114299
Palange, E. *see* Mazzali, C. 64656
Palani, R., Joshi, D.P. Turbo-alternators feeding thyristor-loads in sugar plants 82048
Palaniapan, M. *see* Oruganti, R. 121591
Palaniappan, K., Faisal, M., Kambhamettu, C., Hasler, A.F. Implementation of an automatic semi-fluid motion analysis algorithm on a massively parallel computer 80637
Palaniappan, K. *see* Xinhua Zhuang 108493
Palanichamy, S. *see* Suresh Babu, S. 111848
Palaniswami, M. *see* Wo, D. 93651
Palaniswamy, S., Hall, W.F., Shankar, V. Numerical solution to Maxwell's equations in the time domain on nonuniform grids 97067
Palanivel, S., Srinivas, P., Ranganathan, V.T. A new rotor time constant adaptation method for a VSI fed indirect field oriented induction motor drive 112446
Palant, A. *see* Chen, K. 101182
Palara, S. *see* Speciale, N. 115163
Palasantzas, G., Koumanakos, E. Roughness effect on heterojunction photovoltaics 74333
Palashov, O. *see* Andreev, N. 85697
Palashov, O.V. *see* Andreev, N.F. 65171
Palatka, R.M. HC-130H GPS upgrade: a case study incorporating digital avionics into the cockpit 70369
Palau, J.-M. *see* Bruguier, G. 63927
Palau, J.-M. *see* Dachs, C. 106047
Palau, J.-M. *see* de La Rochette, H. 106228
Palau, J.-M. *see* Marec, R. 73386
Palau, J.-M. *see* Marec, R. 104564
Palau, J.-M. *see* Prevost, G. 74741
Palau, J.-M. *see* Prevosti, G. 106023
Palau, J.-M. *see* Sudre, C. 84542
Palau, J.-M. *see* Sudre, C. 105270
Palau, J.M. *see* Johnson, G.H. 63689
Palaz, T. *see* Gumuskaya, H. 93439
Palazzari, P. *see* Coli, M. 92551
Palazzo, R., Jr. *see* Arpasi, J.P. 66404
Palazzo, R., Jr. *see* de Almeida, C. 88316
Palazzo, R., Jr. *see* Interlando, J.C. 66363
Palazzo, R., Jr. *see* Interlando, J.C. 76802
Palazzo, R., Jr. *see* Said, A. 97569
Palazzo, S. *see* Catania, V. 77673
Palazzo, S. *see* Catania, V. 77683
Palazzo, S. *see* La Corte, A. 78208
Palazzo, S. *see* Lenti, M. 78449
Palchaev, D.K., Murlieva, Z.Kh., Batdalov, A.B., Muradkhanov, M.E., Magomedov, I.A. Thermal resistance of silicon in the region where the coefficient of thermal expansion changes sign 62661
Palchetti, L., Giorgetti, E., Sottini, S., Grando, D., Banfi, G.P. Design of a frequency converter based on a nonlinear polymer waveguide 119259
Palchetti, L., Grando, D., Giorgetti, E., Sottini, S., Qu Li Patterning of poly-3BCMU nonlinear waveguides 95763
Palchetti, L. *see* Grando, D. 95765
Palchevsky, A. *see* Geise, R.A. 70003
Pal'chikov, K.K. *see* Efimovskii, S.V. 85377
Palczewski, M. *see* Fawcett, B. 113856
Palecki, E.F. *see* Jeromin, L.S. 110720
Paleczny, E. *see* Carpentier, J.F. 62358
Paleeva, E.V. *see* Andreev, V.M. 105385
Palenichka, R.M., Zinterhof, P. A fast algorithm for structure-adaptive image filtering using order statistics 72996
Palenichka, R.M., Zinterhof, P. A fast structure-adaptive evaluation of local features in images 98316
Palestini, V. *see* Buracchini, E. 78421
Palestini, V. *see* Carciofi, C. 109488
Palestini, V. *see* Levi, L. 78415
Palethorpe, J.E. *see* Green, S. 110794
Palevski, A. *see* Berk, Y. 105359
Palevsky, A., Gammie, G., Koufopoulos, P. Field-emission displays: a 10000-fL high-efficiency field-emission display 89368
Palicot, J. *see* Berberidis, K. 77548
Palidwar, J.D., Datars, W.R., Ummat, P.K. Conduction in perylene-SbF_6^-, $-PF_6^-$, and $-BF_4^-$ complexes 94429
Palin, M.G. *see* Kojima, K. 75991
Palinkas, J. *see* Biri, S. 69613
Paliouras, V., Soudris, D., Stouraitis, T. Designing efficient redundant arithmetic processors for DSP applications 93462
Paliouras, V. *see* Rjoub, A. 113923
Palis, F. *see* Ha, Q.P. 91797
Palit, S. *see* Kanjilal, P.P. 120263
Palit, S.K., Perris, W. Dielectric-loaded pyramidal horns 108016
Paliwal, B.R., Zaini, M., McNutt, T., Fairbanks, E.J., Kitchen, R. A consistency monitor for radiation therapy treatments 120505
Paliwal, B.R. *see* McNutt, T.R. 80443
Paliwal, B.R. *see* McNutt, T.R. 110897
Palka, H. *see* Hazumi, M. 100854
Palka, H. *see* Tsuboyama, T. 100836
Palka, P. *see* Fleming, A.D. 90470
Palkert, T., Spehn, D. Designing a high-bandwidth ATM switch 78289
Palkin, E.A., Zaytseva, A. Synthesis of polyfocal reflectors, forming radiation with stable singularities of requisite types 66080
Palko, S. *see* Deng, X. 91538
Palko, T., Bialokoz, F., Weglarz, J. Multifrequency device for measurement of the complex electrical bio-impedance–design and application 110838
Palko, T. *see* Jezewski, J. 110666
Palkovic, J. *see* Bertsche, K. 100572

Palla, R., Harmand, J.C., Biblemont, S., Clei, A. AlInAs/GaInAs HEMT with AlInP barrier layer 106075
Palla, R. *see* Achouche, M. 88548
Palla, R. *see* Berthelemot, C. 107026
Palla, R. *see* Berthelemot, C. 116280
Palladino, V. *see* Di Capua, E. 110598
Pallakoff, O.E. *see* Stalder, K.R. 112595
Pallares, J. *see* Marsal, L.F. 74332
Pallares, J. *see* Marsal, L.F. 105839
Pallas-Areny, R., Casas, O. A novel differential synchronous demodulator for AC signals 61688
Palleschi, V. *see* Arca, G. 111305
Palleschi, V. *see* Ciucci, A. 111302
Pallss-Areny, R., Rosell, J., Riu, P.J. Education in instrumentation: some questions and answers 72108
Palm, B. *see* Tengblad, N. 82273
Palm, G., Shafiee, A.M. Product model driven laser sintering at IVF-KTH 116799
Palm, L. *see* Bruder, M. 79419
Palm, R.C., Jr. Reducing setup time for printed circuit assembly 104940
Palm, T., Thylen, L. Designing logic functions using an electron waveguide Y-branch switch 73207
Palm, T. *see* Omling, P. 63807
Palma, A., Jimenez-Tejada, J.A., Godoy, A., Cartujo, P. Capture process by shallow donors in silicon at low temperatures 94231
Palma, A. *see* Banqueri, J. 95015
Palma, A. *see* Jimenez-Tejada, J.A. 94230
Palma, C. Complex dynamics of a beam in a Gaussian cavity 96586
Palma, C. *see* de Santis, P. 65391
Palma, F. *see* Caputo, D. 81877
Palma, F. *see* Caputo, D. 100018
Palma, F. *see* Caputo, D. 110149
Palma, F. *see* de Cesare, G. 75730
Palma, F. *see* de Cesare, G. 100023
Palma, L.Dalla *see* Dalla Palma, L.
Palma, M.S. *see* Roy, T. 97079
Palma, M.S. *see* Sarkar, T.K. 83311
Palma, R., Rudnick, H., Lira, H. Penalty factor calculations for marginal pricing of transmission systems in a hydroelectrical system 101983
Palma, R. *see* Rudnick, H. 102003
Palmacci, S.T. *see* Bloomstein, T.M. 115114
Palmans, H., Seuntjens, J. Construction, correction factors and relative heat defect of a high purity, 4°C water calorimeter for absorbed dose determinations in high energy photon beams 90658
Palmans, H., Seuntjens, J., Verhaegen, F., Denis, J.-M., Vynckier, S., Thierens, H. Water calorimetry and ionization chamber dosimetry in an 85-MeV clinical proton beam 80510
Palmans, R. *see* Franssila, S. 63423
Palmateer, L. Measurements evaluating photosensitive TFT off currents in AMLCDs under display operating conditions 89389
Palmateer, L. *see* Fryer, P.M. 89321
Palmateer, L.F. *see* Kato, Y. 115224
Palmateer, S.C., Forte, A.R., Kunz, R.R., Horn, M.W. Dry development of sub-0.25 μm features patterned with 193 nm silylation resist 84263
Palmateer, S.C. *see* Kunz, R.R. 105789
Palmateer, S.C. *see* Rothschild, M. 105752
Palmberg, J.A. *see* Prasannan, B. 70788
Palme, J., Karlgren, J., Pargman, D. Issues when designing filters in messaging systems 77912
Palmen, D.E.M. *see* Gijsen, F.J.H. 120337
Palmer, A.W. *see* Hu, Y.L. 79516
Palmer, A.W. *see* Jiang, X.Q. 89538
Palmer, A.W. *see* Marshall, R.H. 79485
Palmer, A.W. *see* Ning, Y.N. 69199
Palmer, A.W. *see* Rizk, M.S. 98245
Palmer, A.W. *see* Wang, D.N. 79467
Palmer, A.W. *see* Wang Zhengping 119825
Palmer, A.W. *see* Zhang, W. 100086
Palmer, A.W. *see* Zhiyi Zhang 100060
Palmer, B.J. *see* Hill, R.H. 63496
Palmer, C.K. *see* Huda, W. 80365
Palmer, D., Shaw, J., Gray, H., Mancusi, J., McGuire, G.E., Ball, C., Temple, D., Vellenga, D., Yadon, L., True, R., Hargreaves, T., Symons, R., Joines, W. Silicon field emission electron beam sources 62571
Palmer, D., Shaw, J., True, R.B., Mancusi, J., Temple, D., Vellenga, D., Yadon, L., Gray, H.F., Hargreaves, T.A., Symons, R.S. High-performance silicon field emitter arrays for microwave power tube cathodes 105051
Palmer, D. *see* Auciello, O. 73949
Palmer, D. *see* Tatchyn, R. 96526
Palmer, D. *see* Whitham, K. 89719
Palmer, D.T., Miller, R.H., Winick, H., Wang, X.J., Batchelor, K., Woodle, M., Ben-Zvi, I. Microwave measurements of the BNL/SLAC/UCLA 1.6 cell photocathode RF gun 89709
Palmer, D.T., Miller, R.H., Winick, H., Wang, X.J., Batchelor, K., Woodle, M., Ben-Zvi, I. Simulations of the BNL/SLAC/UCLA 1.6 cell emittance compensated photocathode RF gun low energy beam line 100527
Palmer, D.W. *see* Benson, D.A. 62530
Palmer, E., Wei Pen, Spanos, C.J. Control of photoresist properties: a Kalman filter based approach 63500
Palmer, E.W., Ledwich, G. Optimal placement of angle transducers in power systems 71008
Palmer, G.R. *see* Lyman, J.W. 71673
Palmer, J.A., Nelson, J.K. Intelligent control of large power transformer cooling pumps 121546
Palmer, K.D. *see* Bornman, N.J.J. 117009
Palmer, L.F. *see* Gignac, L.M. 95109
Palmer, M. *see* Aronstein, D. 69717
Palmer, M. *see* Kichimi, H. 69718
Palmer, M.J., Ramsden, D., He, Z. A 2D silicon strip X-ray imager 101012
Palmer, N. Wireless local loop: a matter of simple economics 98917
Palmer, P.L., Dabis, H., Kitler, J. A performance measure for boundary detection algorithms 67411
Palmer, P.R. *see* Githiari, A.F. 113752
Palmer, P.R. *see* Hinchley, D.A. 74713
Palmer, R. *see* Gould, S. 113853
Palmer, R.B., Fernow, R., Gallardo, J.C., Lee, Y.Y., Torun, Y., Neuffer, D., Winn, D. High-energy high-luminosity $\mu^+\mu^-$ collider design 79798
Palmer, R.E. *see* Sharpe, R.G. 74505
Palmer, R.J. *see* Patel, B. 79045
Palmer, R.L. *see* Wintenberg, A.L. 100967
Palmer, S. Optical angular properties of twisted-nematic liquid-crystal cells with twist angles of less than 90 64877
Palmer, S.B. *see* Edwards, C. 61488
Palmer, W. *see* Goodwin-Johansson, S. 74981
Palmer, W.D. *see* Cha-Mei Tang 73995
Palmer, W.D. *see* Temple, D. 74001
Palmer, W.D. *see* Yadon, L.N. 74016
Palmeri, D. *see* Bottoni, G. 106516
Palmers, J., Van Stappen, M. Optimal surface preparation of surfaces to be PVD coated: a standardisation action 72938
Palmetshofer, L. *see* Herzog, S. 84097
Palmetshofer, L. *see* Suprun-Belevich, Yu. 114558
Palmier, D., Gohier, R., Bonjour, C., Martin, G., Zarembovitch, A., Bigler, E., Philippot, E. New results on the thermal sensitivity of bulk and surface modes of gallium orthophosphate $GaPO_4$ 106320
Palmier, J.F., Minot, C., Le Person, H., Harmand, J.C., Bouadma, N., Esnault, J.C., Arquey, D., Heliot, F., Medus, J.P. Reflection gain up to 6 dB at 65 GHz in GaInAs/AlInAs superlattice oscillators 93786
Palmier, J.F. *see* Gassot, P. 62974
Palmier, J.F. *see* Temmar, A. 106963
Palmieri, L. *see* Carlotti, G. 106329
Palmieri, M. *see* Contiero, C. 104329
Palmieri, V. New developments in low beta superconducting structures 120027
Palmino, F. *see* Roge, T.P. 82623
Palmisane, G. *see* Giustolisi, G. 83174
Palmisano, E. *see* Giuli, D. 70497
Palmisano, F. *see* De Benedetto, G.E. 110240
Palmisano, F. *see* Grossoni, M. 98526
Palmisano, G., Palumbo, G. An optimized Miller compensation based on voltage buffer 93143
Palmisano, G., Palumbo, G. An offset compensated fully differential CMOS current comparator 93629
Palmour, J.W., Allen, S.T., Singh, R., Lipkin, L.A., Waltz, D.G. 4H-silicon carbide power switching devices 106044
Palmour, J.W., Levinshtein, M.E., Rumyantsev, S.L. Use of minority carriers in noise spectroscopy for the determination of local level parameters in 6H-SiC 105208
Palmour, J.W., Levinshtein, M.E., Rumyantsev, S.L., Simin, G.S. Low-frequency noise in 4H-silicon carbide junction field effect transistors 63777
Palmour, J.W. *see* Allen, S.T. 62273
Palmour, J.W. *see* Allen, S.T. 83381
Palmour, J.W. *see* Allen, S.T. 106039
Palmour, J.W. *see* Lipkin, L.A. 74572
Palmour, J.W. *see* Shenoy, J.N. 105516
Palmour, J.W. *see* Slater, D.B., Jr. 63703
Palmour, J.W. *see* Slater, D.B., Jr. 106240
Palmour, J.W. *see* Wang, Y. 74325
Palmour, J.W. *see* Wang, Y. 105923
Palmour, J.W. *see* Weitzel, C.E. 105835
Palmour, J.W. *see* Xie, W. 105922
Palmquist, R.A. Postcards from the edge: the Internet and cultural change 67812
Palmskog, G. *see* Niburg, M. 119218
Palmstrm, C.J. *see* Tanaka, M. 94515
Palmstrom, C.J. *see* Bogaerts, R. 83889
Palmstrom, C.J. *see* Brehmer, D.E. 63561
Palmstrom, C.J. *see* Moon-Ho Park 105446
Palnati, P. *see* Bagrodia, R. 78020
Palnati, P. *see* Bambos, N. 98637
Palnati, P. *see* Gerla, M. 118125
Palnati, P. *see* Kleinrock, L. 78920
Palo, M.De *see* De Palo, M.
Paloheimo, J. *see* Pal, A.J. 96029
Palojarvi, P., Maatta, K., Kostamovaara, J. Integrated time-of-flight laser radar 119321
Palojarvi, P. *see* Ruotsalainen, T. 99666
Palojarvi, P. *see* Ruotsalainen, T. 99667
Paloscia, S. *see* Amodeo, G. 111327
Paloscia, S. *see* Macelloni, G. 111159
Palotas, B. *see* Bencze, L. 121237
Palounek, A. *see* Adams, D. 69840
Paloura, E.C., Lioutas, C., Markwitz, A. Characterization of stoichiometric surface and buried SiN films fabricated by ion implantation using extended X-ray absorption fine structure 105497
Palsdottir, B. *see* Thirstrup, C. 65090
Palshin, N.A. *see* Kaikkonen, P. 80598
Palta, J.R., Yeung, D.K., Frouhar, V. Dosimetric considerations for a multileaf collimator system 90593
Palta, J.R. *see* Chihray Liu 90592
Palto, S., Blinov, L., Dubovik, E., Fridkin, V., Petukhova, N., Sorokin, A., Verkhovskaya, K., Yudin, S., Zlatkin, A. Ferroelectric Langmuir-Blodgett films showing bistable switching 84689
Palucci, A. *see* Ciucci, A. 111302
Palud, M.Le *see* Le Palud, M.
Palumbe, G. *see* Giustolisi, G. 83174
Palumbo, E. *see* Beraldi, R. 118840
Palumbo, G. *see* Di Cataldo, G. 62079
Palumbo, G. *see* Di Cataldo, G. 113735
Palumbo, G. *see* Palmisano, G. 93143
Palumbo, G. *see* Palmisano, G. 93629
Palumbo, M. *see* Cardarelli, G. 84271
Palutikof, J. *see* Brocklehurst, F.K. 102565
Pal'yanov, Yu.N. *see* Antsygin, V.D. 103824
Palz, W. Renewable energies in Europe: Statistics and their problems 102345
Pamela, J., Fumelli, M., Hemsworth, R.S., Jacquot, C., Jequier, F., Simonin, A., Riz, D. European negative ion based neutral beam developments 69697
Pamela, J. *see* Massmann, P. 110526
Pamir, B. *see* Ozdemir, H. 93257
Pampaloni, E. *see* Residori, S. 85111
Pampaloni, P. *see* Amodeo, G. 111327
Pampaloni, P. *see* Macelloni, G. 111159
Pamplona, D. *see* Pitanguy, I. 108465
Pamudji, N., Kaye, R.J., Outhred, H.R. Network effects in a competitive electricity industry: nonlinear and linear nodal auction models 101982
Pamulapati, J. *see* Gao, W. 92744
Pamulapati, J. *see* Kan'an, A.M. 95795
Pamulapati, J. *see* Kan'an, A.M. 116092
Pamulapati, J. *see* Li Kam Wa, P. 63003
Pamulapati, J. *see* Lijun Zhu 116106
Pan, C.Y. *see* Lai, W.Y. 106587
Pan, D., Kong, M. Long period grating for 3-5 μm quantum-well infra-red photodetectors 69190
Pan, D., Zeng, Y.P., Kong, M.Y., Wu, J., Zhu, Y.Q., Zhang, C.H., Li, J.M., Wang, C.Y. Normal incident infrared absorption from InGaAs/GaAs quantum dot superlattice 110147
Pan, D.S. *see* Man, P. 69169
Pan, F., Bailey, R.T., Cruickshank, F.R., Pugh, A.D., Sherwood, J.N., Simpson, G.S., Wilkie, S. The birefringence of the optically nonlinear crystal 4-amino benzophenone 115987
Pan, F., Bosshard, C., Wong, M.S., Serbutoviez, C., Follonier, S., Guenter, P., Schenk, K. Polymorphism, growth and characterization of a new organic nonlinear optical crystal: 4-dimethylaminobenzaldehyde-4-nitrophenylhydrazone (DANPH) 113283
Pan, F.M. *see* Guo, J.D. 83994
Pan, F.M. *see* Guo, J.D. 94594
Pan, F.M. *see* Tseng, H.-C. 113446
Pan, G. *see* Fernandez, F.A. 107991
Pan, G. *see* Tan, B. 106612
Pan, H. *see* Ngoh, L.H. 118569
Pan, H.-B. *see* Xu, S.-H. 83986
Pan, J. *see* Osareh, A.R. 91055
Pan, J. *see* Rahman, S. 70709
Pan, J.-S. *see* Cheng, P.-H. 107345
Pan, J.-S. *see* Lee, T.-D. 116517
Pan, J.J., Cheng, H., Shi, Y. High-speed polarization-insensitive fiber-optic 1×8 switch with gain 88559
Pan, J.J., Yuan Shi Broad tunable Er^{3+}-doped fiber ring laser by using a fiber grating and fiber couplers 68404
Pan, J.J., Yuan Shi, Kai Zhang A novel EDFA module using a variable-PBS with 3 dB noise figure reduction 65071
Pan, J.J. *see* Jun Li 73976
Pan, J.L., Hu, W.C. A possible method to evaluate left ventricular function by MRI image 120334
Pan, J.S., Chu, S.C. Non-redundant VQ channel coding using tabu search strategy 97537
Pan, J.S. *see* Liu, C.T. 112572
Pan, J.W. *see* Hetherington, H.P. 101301
Pan, K. On the method of finding frequencies with large amplitudes 66720
Pan, K. Convergence of orthogonal rational functions outside of the unit circle 72593
Pan, K.-R.R., Pedram, M. FPGA synthesis for minimum area, delay and power 73242
Pan, K.-R.R. *see* Yung-Te Lai 93222
Pan, K.T. *see* Jan, G.J. 100545
Pan, M., Yun, M., Kozicki, M.N., Whidden, T.K. Self-assembled monolayer resists and nanoscale lithography of silicon dioxide thin films by chemically enhanced vapor etching (CEVE) 105826
Pan, M.X. *see* Lo, V.C. 63247
Pan, N. *see* Sharp, R.C. 75856
Pan, N. *see* Sharp, R.C. 116414
Pan, P., Liu, C.L. Technology mapping of sequential circuits for LUT-based FPGAs for performance 61790
Pan, T., Kennedy, A.C., Bain, J.A., Yung Yip, Schwarz, T. Tape erase bands measured by MFM compared to MR head cross erase band responses 115713
Pan, T., Melzak, J., Garverick, S., Mehregany, M. An integrated process for smart microstructures 106284

Pan, T., Spratt, G.W.D., Tang, L., Laughlin, D.E. Magnetic properties and microstructure of evaporated Co oxide tape media 106545
Pan, T.-S., Tsui, B.M.W., Byrne, C.L. Choice of initial conditions in the ML reconstruction for transmission CT with truncated projection data 101167
Pan, T.-S. *see* Glick, S.J. 70072
Pan, T.-S. *see* Glick, S.J. 101329
Pan, T.-S. *see* Luo, D. 101248
Pan, T.-S. *see* Pretorius, P.H. 101181
Pan, U.Seng *see* Seng Pan, U.
Pan, V.Y. Parallel computation of polynomial GCD and some related parallel computations over abstract fields 103535
Pan, W., Lin, B., Zhou, W., Tang, W. Composite structure strain assessment by optical Hopfield neural network 119700
Pan, W. *see* Usami, N. 74357
Pan, X., Meta, C.E., Chin-Tu Chen A class of analytical methods that compensate for attenuation and spatially-variant resolution in 2D SPECT 101284
Pan, X., Metz, C.E. Novel closed-form methods for accurate reconstruction in 3D SPECT 80228
Pan, X., Metz, C.E., Chen, C.-T. A class of analytical methods that compensate for attenuation and spatially-variant resolution in 2D SPECT 101328
Pan, X. *see* Horowitz, G. 64893
Pan, X. *see* Kao, C.-M. 101152
Pan, X. *see* Xu, B. 101326
Pan, Y., Lim, D., Wei, C.C. New high performance transistors by the blanket large-angle-tilt-implant for n-channel LDDs and p-channel halos 84420
Pan, Y. *see* Lou, C.L. 74728
Pan, Y. *see* Lou, C.L. 74731
Pan, Y. *see* Lou, C.L. 115189
Pan, Y. *see* Lou, C.L. 115202
Pan, Z. *see* Kuo, S.M. 98808
Pan Bo *see* Bo Pan
Pan Boliang *see* Yao Zhixin 65032
Pan Chen-Yang *see* Chen-Yang Pan
Pan Ching-Tsai *see* Ching-Tsai Pan
Pan Ching-Yan *see* Ching-Yan Pan
Pan Ci-Ling *see* Ci-Ling Pan
Pan Dee-Son *see* Dee-Son Pan
Pan Dong, Niu Hanben Monte-Carlo simulation of photoelectron transport in alkali antimonide photocathodes 62566
Pan En-Yea *see* En-Yea Pan
Pan Feng *see* Pan Shuming 64192
Pan Feng *see* Feng Pan
Pan Guang-Wen *see* Guang-Wen Pan
Pan Guangwen *see* Guangwen Pan
Pan Honglin *see* Honglin Pan
Pan Jae Kyung *see* Jae Kyung Pan
Pan Jen-Wei *see* Jen-Wei Pan
Pan Ji-Lun *see* Ji-Lun Pan
Pan Jianhua *see* Liu Zhaoxu 111519
Pan Jianhua *see* Liu Zhaoxu 121047
Pan Jianping *see* Xia Qin 67594
Pan Jiazheng, Zhang Jinsheng Priorities for hydropower development in China 71165
Pan Jie *see* Jie Pan
Pan Jing-Pin *see* Jing-Pin Pan
Pan Jung-Lin *see* Jung-Lin Pan
Pan Jyh-Shin *see* Jyh-Shin Pan
Pan Kuo-Hua *see* Kuo-Hua Pan
Pan Laigen, Zhang Yixiang, Luo Zongnan, Yang Zhenming Study of a CuCl vapor laser tube 96109
Pan Laijun *see* Gao Wanrong 100354
Pan Minghai *see* Wang Feng 111545
Pan Peichen *see* Peichen Pan
Pan Peicheng *see* Peicheng Pan
Pan Qi *see* Qi Pan
Pan Qing, Zhang Jun, Zhang Tiancai, Li Ruining, Peng Kunchi, Yu Zhenggang, Lu Qingming Frequency-stabilized and frequency-doubled ring Nd:YAP laser 65157
Pan Rongyi Data telecommunication by using photo-couplers 78276
Pan Shao-Hua *see* Shao-Hua Pan
Pan Shaohua *see* Jin Kuijuan 113364
Pan Shoufu *see* Zhang Ying 107096
Pan Shuming, Pan Feng, Ma Ruzhang (Nd$_{0.9}$Dy$_{0.1}$)$_{16}$Co$_5$Fe$_{70}$Nb$_2$B$_7$ permanent magnetic alloy and behaviour of Nb 64192
Pan Sung Bum *see* Sung Bum Pan
Pan Tao *see* Tao Pan
Pan Tin-Su *see* Tin-Su Pan
Pan Xiaoming *see* Huang Zhongzang 112489
Pan Xiaoqing *see* Xiaoqing Pan
Pan Xiaoren *see* Zhao Dachun 92848
Pan Yunjiang, Chang Xianrong, Wan Jun, Zhao Shuqiang, Xiao Gang Integrated optimal control of generator considering the effect of phase shifter 111885
Pan Yunjiang *see* Chang Xianrong 80927
Pan Zhencun *see* Sang Zaizhong 81142
Pan Zhenzhong Frequency constraints on terrestrial HDTV 99758
Pan Zhong, Wu Ronghan, Gao Honghai, Wang Qiming Mode analysis in gain-guided vertical cavity surface emitting lasers 65273
Pan Zhong *see* Zhong Pan
Pan-Chio Tuan, Li-Wei Fong An IMM tracking algorithm with input estimation 90904
Pan-Seok Shin, Jinhee Lee Magnetic field analysis of amorphous core transformer using homogenization technique 104908
Pan-Seok Shin *see* Seung-Woo Lee 112618
Pan-Tai Liu, Fu Li, Heng Xiao A state decoupling approach to estimate unobservable tracking systems 86241
Pana, T. Model based speed and rotor resistance estimation for sensorless vector-controlled induction motor drives using floating point DSP 91810
Pana, T., Hori, Y. Simultaneous speed and rotor resistance estimation for sensorless vector-controlled induction motor drives 121957
Panacyuk, O.N., Yavorskii, I.N. The properties of spectral component evaluations for periodically correlated random processes 113073
Panagiotidis, N.G., Kalogeras, D., Kollias, S.D., Stafylopatis, A. Neural network-assisted effective lossy compression of medical images 117594
Panagiotopoulos, I., Withanawasam, L., Murthy, A.S., Hadjipanayis, G.C., Singleton, E.W., Sellmyer, D.J. Magnetic hardening of melt-spun nanocomposite Nd$_2$Fe$_{14}$B/Fe magnets 64250
Panagiotopoulos, I. *see* Murthy, A.S. 64237
Panagiotopoulos, I. *see* Withanawasam, L. 64253
Panagiotopoulos, I. *see* Withanawasam, L. 115544
Panagiotou, P. *see* Polydoros, A. 88380
Panagos, E., Biliris, A., Jagadish, H.V., Rastogi, R. Fine-granularity locking and client-based logging for distributed architectures 77935
Panahi, I. *see* Kuo, S.M. 93464
Panahi, I. *see* Pourboghrat, F. 102684
Panaitescu, I. *see* Bottauscio, O. 121157
Panajotov, K., Tenev, T., Zartov, G., Pelt, M., Danckaert, J., Thienpont, H., Veretennicoff, I. Polarization driven polarization bistability in anisotropic interference filters 85240
Panajotov, K. *see* Andreev, A. 75450
Pananakakis, G. *see* Kies, R. 63132
Pananakakis, G. *see* Kies, R. 74486
Pananakakis, G. *see* Kies, R. 115298
Pananakakis, G. *see* Nikolaidis, T. 115322
Panao Chen *see* Chen Panao
Panapakkam, A., Balakrishnan, S.N. A new approach to feature extraction using wavelet transforms for ATR problems 98199
Panaretos, S., Shoda, C., Relatores, R., Gordon, J., Curtis, P., Parker, D. A broadband, low-sidelobe, dynamic weighting, three-channel receive, X-band active array 97365
Panariello, G. *see* Miano, G. 104789
Panarin, Yu.P.. *see* Mac Lughadha, S.T. 95870
Panas, A.I. *see* Dmitriev, A.S. 104389
Panasenko, A.F., Kuz'min, V.S., Karelin, A.Yu. Using the refraction of stars for the orientation and navigation of spacecraft 111038
Panasiuk, A.L. *see* Carre, C. 95652
Panasiuk, L.M. *see* Carre, C. 95652
Panasyuk, A.I., Shmakov, M.S. Optimal control of asynchronous electric motor with varying frequency 91496
Panasyuk, L.M., Chapurin, I.V. Processes of the formation of two-exposure interferograms on a photothermoplastic carrier 96806
Panasyuk, V.S. *see* Makulkin, A.V. 79829
Panayiotakis, G., Cavouras, D., Kandarakis, I., Nomicos, C. A study of X-ray luminescence and spectral compatibility of europium-activated yttrium-vanadate (YVO$_4$:Eu) screens for medical imaging applications 64922
Panayiotakis, G. *see* Ismailos, E. 90454
Panayiotakis, G. *see* Sphiris, N. 120357
Panayiotopoulos, C.P. *see* Chroni, E. 90540
Panayirci, E. *see* Ferman, A.M. 86517
Panayirci, E. *see* Ozden, M.T. 97791
Panayotatos, P. *see* Aperathitis, E. 115138
Panayotatos, P. *see* Ashenford, D.E. 81888
Panayotatos, P. *see* Georgakilas, A. 113327
Pancella, P. *see* Jacobsen, E.R. 69762
Pancella, P.V. *see* Wise, T. 120082
Pancewicz, T., Mruk, I. Holographic contouring for determination of three-dimensional description of surface roughness 119874
Pancha, P., Karol, M. Guaranteeing bandwidth and minimizing delay in packet-switched (ATM) networks 77657
Panchal, C.G., Sinha, A., Bhawe, B.D.. Shyam, A., Srinivasan, M., Joshi, V.M. Digital image processing of images obtained with a Pu-Be (~10^7) neutron source 104204
Panchal, C.G. *see* Sinha, A. 90180
Panchal, C.G. *see* Sinha, A. 104234
Panchanathan, S., Gamaz, N., Jain, A. Image scalability using wavelet vector quantization 108711
Panchanathan, S. *see* Fatemi, O. 83134
Panchanathan, S. *see* Hu, Q. 86319
Panchanathan, S. *see* Idris, F. 68850
Panchanathan, S. *see* Mandal, M.K. 86566
Panchanathan, S. *see* Mandal, M.K. 97448
Panchanathan, S. *see* Mandal, M.K. 108476
Panchanathan, V. *see* Guruswamy, S. 64474
Panchanathan, V. *see* Lewis, L.H. 115505
Panchapakesan, C., Yuan, J.S. Evaluation of aluminum mole fraction for controlled thermal behavior of AlGaAs/GaAs HBT 63641
Panchekha, A.P. *see* Bass, F.G. 74386
Panchenko, A.N. *see* Boichenko, A.M. 75807
Panchenko, A.N. *see* Tarasenko, V.F. 107060
Panchenko, R.K. *see* Demirchyan, K.S. 97007
Panchenko, V.Y. *see* Karabutov, A.A. 103479
Panchenko, V.Y. *see* Khudobenko, A.I. 107432
Panchenko, V.Y. *see* Sokolov, V.I. 96256
Panchenko, V.Ya. *see* Galushkin, M.G. 85366
Panchenko, V.Ya. *see* Galushkin, M.G. 107044
Panchenko, V.Ya. *see* Vasiltsov, V.V. 107083
Pancheva, D. *see* Mukhtarov, P. 107897
Pancheva, D. *see* Mukhtarov, P. 107898
Pancholi, S. *see* Henderson, C.L. 105798
Panchouk, O., Fochouk, P., Feichouk, P. Point defects in Te-rich CdTe 94349
Panchouk, O. *see* Shcherbak, L. 94722
Panci, G. *see* Scarano, G. 117489
Panckow, A.N. *see* Drusedau, T.P. 94588
Panconesi, A. *see* Kann, V. 88345
Panczer, G. *see* Garapon, C. 92924
Panda, A.K., Dash, G.N., Satapathy, S., Pati, S.P. Computer aided realisation of diffusion based Si n$^+$npp$^+$ double drift doping profiles and studies on their microwave properties 74682
Panda, A.K., Pati, S.P. Generation of ion-implantation profiles with three moment approach for realization of n$^+$npp$^+$ DDRs (IMPATT diodes) 104848
Panda, A.K. *see* Dash, G.N. 115134
Panda, B.K. *see* Panda, S. 62849
Panda, B.K. *see* Panda, S. 94526
Panda, D. *see* Beveridge, J.R. 68705
Panda, D. *see* Ramanarayanan, V. 111915
Panda, D.K. *see* Donglai Dai 98504
Panda, G., Singh, P. A novel scheme of data compression and reconstruction using multilayer artificial neural network 66763
Panda, G.R., Apato, U. Susceptible threshold level determination and immunisation of signal to interference 76442
Panda, P.C. *see* Dash, P.K. 111522
Panda, P.R., Dutt, N.D. Reducing address bus transition for low power memory mapping 73339
Panda, R., Mahalik, N.P., Rath, G.S. An efficient algorithm for recognition of space curves 98005
Panda, R., Rath, O.S. Historical notes on splines, spline transform and their applications 60945
Panda, S., Panda, B.K., Fung, S., Beling, C.D. Quantum confined Stark effect and optical absorption in Al$_x$Ga$_{1-x}$As/GaAs/Al$_x$Ga$_{1-x}$As single quantum well 62849
Panda, S., Panda, B.K., Fung, S., Beling, C.D. Electric field effect on the diffusion modified AlGaAs/GaAs single quantum well 94526
Panda, S.K., Dash, P.K. Application of nonlinear control to switched reluctance motors: a feedback linearisation approach 121444
Panda, S.K. *see* Dash, P.K. 70809
Panda, S.K. *see* Dash, P.K. 80993
Panda, S.K. *see* Dash, P.K. 90963
Panda, S.K. *see* Dash, P.K. 111522
Panda, S.K. *see* Dash, P.K. 111575
Panda, S.K. *see* Haiqing Yang 121977
Panda, S.K. *see* Rajaram, S. 111918
Panda, S.K. *see* Routray, A. 111568
Panda, S.K. *see* Yang Haiqing 71759
Panda, S.K. *see* Yang Haiqing 112452
Pandalai, D.N., Holloway, L.E. Condition templates: improved distributed models for automated fault monitoring of manufacturing systems 79260
Pande, D.C., Gopinath, M. Experimental studies on the effect of microwave energy in some digital circuits 76445
Pande, D.C., Shaju, K.P., Biliya, R. Implications of MIL-STD 461D/462D on past, present and future designs 76479
Pande, D.C., Vardhani, J.P. Transient electromagnetic field coupling to underground shelters 76447
Pande, D.C. *see* Subramanian, A.K. 76451
Pande, D.C. *see* Subramanian, A.K. 76484
Pande, P.C., Bocking, S., Duke, S., Miles, R.W., Carter, M.J., Latimer, I.D., Hill, R. Recrystallisation of electrophoretically deposited CdTe films 72856
Pande, P.C. *see* Duke, S. 81887
Pandelis, D.G., Teneketzis, D. A simple load balancing problem with decentralized information 103562
Pandey, D. *see* Mishra, S.K. 106357
Pandey, M., Raimi, R., Beatty, D.L., Bryant, R.E. Formal verification of PowerPC arrays using symbolic trajectory evaluation 83158
Pandey, M. *see* Billinton, R. 70806
Pandey, P.C. *see* Filho, J.L.L. 79577
Pandey, R. Advances in DSP development environments 61955
Pandey, R.K. *see* Jayakrishnan, R. 72860
Pandey, R.K. *see* Raina, K.K. 113397
Pandey, S., Garg, T.K., Singh, K.P., Rai, S. Effect of magnetically induced water structure on the oestrous cycles of albino female mice Mus musculus 90631
Pandey, S. *see* Xu, X. 80529
Pandey, S.K. *see* Chaturvedi, A. 60714
Pandey, Y.K. C-DOT MAX-XL [digital switching system] 68019
Pandey, Y.K. SBM RAX expansion and MAX-L installations in rented buildings 118710
Pandey, Y.K., Kumar, R. Centralized operation and maintenance centre 118243
Pandheeradi, M. *see* Fish, J. 72719
Pandhumsoporn, T. *see* Craven, D. 74919
Pandian, P. *see* Kanniappan, P. 82464
Pandit, S.M., Paul, D., Roth, J.T. Monitoring and diagnosis of bearing defects using data dependent systems 110015
Pandoulas, D. *see* Braunschweig, W. 69836
Pandoulas, D. *see* Braunschweig, W. 120140

Pandu Rangan, C. *see* Balachandhran, V. 103619
Pandu Rangan, C. *see* Madanlal, M.S. 103622
Pandzic, I.S., Capin, T.K., Thalmann, N.M., Thalmann, D. VLNET: a networked multimedia 3D environment with virtual humans 118560
Panebrattsev, Y. *see* Agakichiev, G. 69736
Panebrattsev, Y. *see* Faschingbauer, U. 110557
Panella, M. *see* Bertocchi, A. 110038
Panepucci, R., Osowski, M.L., Turnbull, D.A., Gu, S.Q., Bishop, S.G., Coleman, J.J., Adesida, I. Inhomogeneity in the fabrication of InGaAs/GaAs quantum wire arrays by selective-area metalorganic chemical vapor deposition 82595
Panero, S. *see* Clemente, A. 114342
Panescu, D. *see* Smith, W.H. 100974
Paneva, R., Temmel, G. Ultrasonic transducer with silicon membrane for liquid nebulization 90863
Panfilis, S.De *see* De Panfilis, S.
Panfilov, B.A. Elements and devices based on polar-dependent electromigration in silicon 104562
Pang, A.W. *see* Mulhollan, G. 90109
Pang, C. *see* Gardner, J.W. 89190
Pang, D. *see* Drusedau, T.P. 92798
Pang, F. *see* Fararooy, S. 91837
Pang, I.W. *see* Klein, W.P. 101094
Pang, K.F. *see* Shan, Q. 101090
Pang, K.K. *see* Soon Hie Tan 97900
Pang, L.Y.S. *see* Whitfield, M.D. 89096
Pang, M.T.C. *see* Park, K.Y. 81599
Pang, P. *see* Zhi-Yuan Shen 73654
Pang, S., Wang, W., Zhou, Z. Angular effect of optical bistability in the ZnS film with visible light 96607
Pang, S.J. *see* Gao, H.J. 61426
Pang, S.L. *see* Chan, W.L. 121818
Pang, S.L. *see* Yang, S.H. 105643
Pang, S.W. Dry micromachining of high aspect ratio Si for microsensors 74916
Pang, S.W. *see* Juan, W.H. 84661
Pang, S.W. *see* Ko, K.K. 94759
Pang, S.W. *see* Rakhshandehroo, M.R. 62565
Pang, S.W. *see* Rakhshandehroo, M.R. 94174
Pang, S.W. *see* Thomas, S., III 84161
Pang, W.H. *see* Lee, C.K. 102735
Pang Dawen *see* Dawen Pang
Pang Jiangde *see* Jiangde Pang
Pang Jong-Shi *see* Jong-Shi Pang
Pang Linyong *see* Linyong Pang
Pang Minghui *see* Xie Kai 121061
Pang Qixiang, Cheng Shiduan, Jin Yuehui Principle and design of a test suite generation system–TSGS 108830
Pang Qixiang, Cheng Shiduan, Jin Yuchui Protocol conformance test suite generation 118097
Pang Qixiang, Cheng Shiduan, Jin Yuehui Test generation of FSM with weighted transitions 118098
Pang Wenning, Chen Xiangjun, Yang Bingxin, Chen Miaohua, Xu Kezun Coincidence measurement system for (e,2e) experiments 69822
Pang Xiaozhong *see* Xiaozhong Pang
Pang Zhenmin *see* Wang Wei 108520
Pang-Chen Sun *see* Fang Xu 116750
Pang-Jen Kung, Fenner, D.B., Qi Li Structural and ferroelectric properties of epitaxial $La_{0.5}Sr_{0.5}CoO_3/Ba_{0.4}Sr_{0.6}TiO_3/La_{0.5}Sr_{0.5}CoO_3$ thin-film capacitors on silicon for DRAM applications 95303
Pangal, K., Firebaugh, S.L., Sturm, J.C. Noninvasive measurement of charging in plasmas using microelectromechanical charge-sensing devices 106263
Pangburn, T. *see* Hirsave, P.P. 120844
Pangos, N. *see* Bocchetta, C.J. 79809
Pangrle, B. *see* Seawright, A. 113671
Panhuyzen, R.A. *see* van de Stadt, H. 79097
Pani, A.K., Peterson, T.E. Finite element methods with numerical quadrature for parabolic integrodifferential equations 82557
Pani, R. *see* de Notaristefani, F. 110698
Pani, R. *see* Del Guerra, A. 90352
Pani, R. *see* Del Guerra, A. 101112
Pani, R. *see* Royle, G.J. 101262
Pani, S. *see* Arfelli, F. 90367
Pani, S. *see* Arfelli, F. 90432
Panian, J. *see* LaMaire, R.O. 98763
Panicacci, R., Kemeny, S., Matthies, L., Pain, B., Fossum, E.R. Programmable multiresolution CMOS active pixel sensor 100124
Panicacci, R., Pain, B., Zhou, Z., Nakamura, J., Fossum, E.R. Progress in voltage and current mode on-chip analog-to-digital converters for CMOS image sensors 100123
Panicacci, R.A., Kemeny, S.E., Jones, P.D., Staller, C., Fossum, E.R. 128 Mb/s multiport CMOS binary active-pixel image sensor 79544
Panicali, A.R. Improving the accuracy of radiation pattern measurements 66027
Panich, A.E. *see* Czekaj, D. 119655
Panich, A.E. *see* Fesenko, E.G. 106312
Panichev, M.M. *see* Kolesov, B.I. 81234
Panicker, J., Kumar, S. Effect of system imperfections on BER performance of CDMA receiver with multipath diversity combining 78538
Paniez, P.J. *see* Fadda, E. 105796
Paniez, P.J. *see* Pain, L. 105763
Paniez, P.J. *see* Vinet, F. 84269
Paniez, P.J. *see* Vinet, F. 105761
Panigas, B. *see* Gibellini, L. 108975
Panin, A. *see* Bondarchuk, E. 95588
Panin, A. *see* Borovkov, A.I. 95581
Panin, A. *see* Bykov, V. 96995
Panin, A.G. *see* Gusev, V.K. 107815
Panin, A.G. *see* Kavin, A.A. 102774
Panin, G., Fernandez, P., Piqueras, J. Effect on ion beam milling on the defect structure of CdTe 105655
Panin, Yu.M. *see* Sobolev, V.A. 102598
Panina, L.V. *see* Hika, K. 115839
Panina, L.V. *see* Mizutani, M. 69025
Panina, L.V. *see* Paramonov, V.P. 84785
Panis, S., Cosmas, J.P. Motion estimation with object based regularisation 67038
Panjabi, M.M. *see* Wen Liu 110653
Panjan, P. *see* Cvelbar, A. 74623
Panjani, A.K. *see* Shridhar, L. 81370
Pank, R.A. Serving the news 119427
Pankaj, R.K. *see* Wong, J.P. 108881
Panken, F.J.M. A TDMA based access control scheme for an ATM passive optical tree network 109672
Pankert, M. *see* Ritz, S. 93448
Pankhurst, Q.A., Thompson, G.R., Sankaranarayanan, V.K., Dickson, D.P.E. Effect of ultrafine particle size and crystallinity breakdown on the ordered magnetic state in barium ferrite 106564
Pankiewicz, B. *see* Szczepanski, S. 106194
Pankin, A.A. *see* Cherny, I.V. 111263
Panknin, D. *see* Teichert, J. 74930
Panko, J. *see* Timcak, G.M. 112786
Pankoke, R., Cassinelli, A., Sillard, P., Dorrer, C., Leisching, P., Frey, R. Modelocked optical parametric generators and amplifications 75902
Pankov, B.N. On new schemes of integral photoelectric converters for the differential reception of optical signals 69019
Pankov, B.N. *see* Vyukhina, N.N. 75410
Pankov, S.V. *see* Starodubrovsky, R.K. 62213
Pankove, J. *see* Chang, S.S. 63616
Pankove, J.I. *see* Fardi, H.Z. 94927
Pankove, J.I. *see* Qiu, C.H. 94357
Pankove, J.I. *see* Torvik, J.T. 116213
Pankrath, R. *see* Buse, K. 95945
Pankrath, R. *see* Simon, M. 85251
Pankratov, L.S. Reflection of waves by the porous body 65803
Pankratov, N.A. Thin-film pyroelectric radiation detectors 89059
Pankratov, Yu.G. An analysis of the operation of two interactive monitoring systems in the presence of noise 66754
Panks, A.J., Howes, M.J., Snowden, C.M. The synthesis of microwave and MM-wave transistor oscillators based on physical modelling 114316
Pankuch, M.G. *see* Mazarakis, M.G. 120048
Pankuch, P. *see* Mazarakis, M.G. 89601
Panman, J. *see* Annis, P. 80121
Panman, J. *see* Martellotti, G. 80122
Panneerselvam, G., Bandyopadhyay, S., Jullien, G.A. Area efficient systolic interconnection networks 104428
Pannell, C.N. *see* Roe, M.P. 85169
Pannell, R. Teamworking wins the relay race 103397
Pannetier, B. *see* Ochs, E. 95496
Pannhorst, H.-D. *see* Friedland, R. 101825
Pannicke, J. *see* Ermel, M. 111439
Panno, D. *see* Catania, V. 77673
Panno, D. *see* Catania, V. 77683
Panno, D. *see* Ficili, G. 108945
Panno, D. *see* Lenti, M. 78449
Panoiu, N.-C. *see* Mihalache, D. 85717
Panos, A.S. Mathematical modeling of thermal relaxation of common connector alloys 114399
Panosh, M., Godfrey, A. ISDN brokering for networking 67676
Panov, Y.V., Lee, F.C. Modeling and stability analysis of a DC power system with solid state power controllers 70410
Panschow, R. *see* Muhlbauer, A. 91952
Panse, M.S., Kulkarni, S.K. Application of digital signal processing in ophthalmic research: a new horizon in biomedical engineering 120442
Panshin, G.A. *see* Kharchenko, V.P. 120504
Pansong, M. A planar vibrator micromechanical silicon accelerometer 119657
Pant, B.B. Effect of interstrip gap on the sensitivity of high sensitivity magnetoresistive transducers 75289
Pant, B.B. A brief study of magnetism and magnetic sensors 95332
Pant, P. *see* Chatterjee, A. 104488
Pant, S., Cheng Hsu Business on the Web: strategies and economics 77967
Pantaleo, A. *see* Agnello, M. 110583
Pantaleon-Prieto, C.J., Santamaria-Caballero, I., Figueiras-Vidal, A.R. Competitive local linear modeling 76996
Pantani, L. *see* Svanberg, S. 101579
Pantazis, R. *see* Dickey, C. 89932
Pantchev, B.G. *see* Danesh, P. 94384
Pantelakis, P., Kriezis, E.E. Modified two-dimensional fast Fourier transform beam propagation method for media with random variations of refractive index 116965
Pantelakis, P. *see* Kriezis, E.E. 97273
Panteleev, V.N. *see* Ivanov, P.A. 104055
Panteleeva, T.R., Chuiko, V.G. Using microwave multimeters to measure the complex reflection coefficient of waveguides 69476
Pantelis, C. *see* Zheng, Z.J. 70016
Pantell, R.H. *see* Sadowski, R.W. 75509
Pantenburg, F.J. *see* Moser, H.O. 79772
Pantic, D., Prijic, Z., Pavlovic, Z. Process design and optimization of the channel doping profile in power VDMOSFETs 63715
Pantic, D., Trajkovic, T., Milenkovic, S., Stojadinovic, N. Optimization of power VDMOSFET's process parameters by neural networks 84451
Pantic, D. *see* Prijic, Z. 63713
Pantjiaros, C.A., Wylie, J.A., Gott, G.F., Laycock, P.J., Broms, M. European HF occupancy experiment 97102
Pantoja, R. *see* Imbornone, J. 62276
Panton, W. *see* Seng-Woon Chen 88282
Pantskhava, E.S., Pozharnov, V.A., Zysin, L.V., Farberov, V.G., Shramkov, V.M., Maiorov, N.I., Shkola, I.I. Conversion of biomass energy: experience in Russia 102421
Pantsyrnyi, V.I., Shikov, A.K., Nikulin, A.D., Silaev, A.G., Bel'akov, N.A., Vdovin, V.F., Semin, M.J. Design features of internal tin superconductors for ITER magnetic system 95565
Pantsyrnyi, V.I., Shikov, A.K., Nikulin, A.D., Vorob'ova, A.E., Dergunova, E.A., Silaev, A.G., Bel'akov, N.A., Potapenko, I.I. Development of Cu-Nb alloy microcomposite conductors for high field pulsed magnets 95566
Pantsyrnyi, V.I. *see* Kozlenkova, N.I. 95428
Pantuso, F. *see* Ambrose, J. 70580
Pantziou, T. *see* Bouras, C. 99751
Pantzov, S.Yu. *see* Cherny, I.V. 111263
Panusopone, K., Rao, K.R. Variable block-size interpolative vector quantization 86487
Panusopone, K., Sarika, K., Cheevasuvit, F. Segmented image coding for progressive image transmission 98121
Panwar, L. *see* Yadav, S.L. 110938
Panwar, O.S., Ennis, T.J., Barklie, R.C., Moore, R.A. EPR study of as-deposited and low-temperature crystallised LPCVD and APCVD amorphous silicon films 104143
Panwar, O.S., Mukherjee, C., Seth, T., Dixit, P.N., Bhattacharyya, R. Hydrogen evolution and surface morphology of unannealed and annealed hydrogenated amorphous silicon films deposited in an asymmetric PECVD system at room temperature 105540
Panwar, O.S., Sarangi, D., Mehta, B.R., Bhattacharyya, R. Spectroscopic ellipsometric study of diamond like carbon films using hydrocarbon gases in a saddle field source 106755
Panyakeow, S. *see* Boonkosum, W. 96037
Panych, L.P., Oesterle, C., Zientara, G.P., Hennig, J. Implementation of a fast gradient-echo SVD encoding technique for dynamic imaging 70012
Panzer, G.W. Determining the optimum configuration for monolithic wafer scale integration 63853
Panzeri, E. *see* Barretta, L. 101692
Panzlaff, K., Feifel, T., Storm, H. Low defect and high uniformity solid-source molecular beam epitaxy of InAlAs/InGaAs/InP heterostructures for optical MQW-SPSL devices 92779
Panzlaff, K. *see* Schwander, T. 95836
Panzner, M., Dietsch, R., Holt, T., Mai, H., Vollmar, S. Scale-up of pulsed laser deposition (PLD) for 4″-wafer coating 92916
Pao, C.K. *see* Marks, R.B. 83510
Pao, L.Y. Measurement reconstruction approach for distributed multisensor fusion 86240
Pao, Y.C. Nondestructive test methodology for molecular beam epitaxy grown pseudomorphic high electron mobility transistor materials 84486
Pao Hsueh-Yuan *see* Hsueh-Yuan Pao
Pao Yoh-Han *see* Yoh-Han Pao
Pao-Chang Mo *see* Wen-Chen Chu 70822
Pao-Chi Chang *see* Hong Shen Wang 66204
Pao-Hsiang Hsi *see* Hsi Pao-Hsiang
Pao-Lo Liu *see* Bing-Jing Li 107188
Pao-Ta Yu, Rong-Chung Chen Fuzzy stack filters—their definitions, fundamental properties, and application in image processing 77254
Pao-Yao Huang *see* Shi-Yow Lin 100333
Paola, A.Di *see* Di Paola, A.
Paola, R.Di *see* Di Paola, R.
Paolella, A., de Barros, L.E.M., Jr., Herczfeld, P., Enquist, P., Van Meerbreke, W. Heterojunction bipolar phototransistors for analog microwave photonic systems 83394
Paolella, A., Malone, S., Van Meerbeke, W., Enquist, P., Slater, D. Heterojunction bipolar transistors for millimeter wave and photonic applications 73697
Paolella, A., Tait, G., Cooke, P., Nabet, B., Tousley, B. Metal-semiconductor-metal photodetectors on intermediate temperature MBE grown GaAs for lightwave/millimeter-wave applications 89106
Paolella, A. *see* de Barros, L.E.M., Jr. 93799
Paolella, A. *see* de Barros, L.E.M., Jr. 94935
Paolella, A. *see* DeBarros, L.E.M., Jr. 96003
Paolella, A. *see* Hwang, H.-S. 83342
Paolella, A. *see* Lee, J.-H. 85462
Paolella, A. *see* Tait, G.B. 100013
Paolesse, R. *see* di Natale, C. 100155
Paoletti, F., Gretillat, M.-A., de Rooij, N.F. A silicon micromachined vibrating gyroscope with

piezoresistive detection and electromagnetic excitation [illegible]
Paoletti, R., Bertone, D., Bricconi, A., Fang, R., [illegible] L., Magnetti, G., Meliga, M. Comparison of optical and electrical modulation bandwidths in three different 1.55 µm InGaAsP buried laser structures [illegible]
Paoletti, S. see [illegible] G. [illegible]
Paoli, M. see [illegible] P. [illegible]
Paoli, M.-A.De *see* De Paoli, M.-A.
Paolini, M. *see* Fierro, F. 72713
Paollela, A. *see* Hwang, H. 83521
Paolo, F.Di *see* Di Paolo, F.
Paoloni, F.J. see [illegible] M. [illegible]
Paoloni, F.J. see [illegible] M.J. [illegible]
Paolozzi, A., Peroni, I. Response of aerospace sandwich panels to launch acoustic environment 111031
Paolucci, A. *see* Caldon, R. [illegible]
Paoluzi, L. see [illegible] A. [illegible]
Paomets, V. see [illegible] G. [illegible]
Paone, N. see [illegible] M. [illegible]
Paorici, F. see [illegible] M. [illegible]
Pap, E. Recent results on null-additive set functions [illegible]
Pap, E. see Klement, E.P. [illegible]
Papa, C.de see de Papa, C.
Papa, D.C. see Tang, C.-Y.E. [illegible]
Papa, M. see Cardella, G. [illegible]
Papa, M. see De Rosa, A.M. [illegible]
Papachristoforos, A. Method of lines for analysis of crossing transmission lines with finite-thickness conductors 73632
Papachriston, C.A. *see* Knieser, M.J. [illegible]
Papachristou, C., Spining, M., Nourani, M. An effective power management scheme for RTL design based on multiple clocks [illegible]
Papachristou, C. *see* Ercanli, E. 83145
Papachristou, C. *see* Nourani, M. 113878
Papachristou, C.A. *see* Wei Zhao 73413
Papachriston, P., Petrou, M., Kittler, J. Ridge post-processing using probabilistic relaxation with explicit binary relations [illegible]
Papadas, C. see Kies, R. [illegible]
Papadas, C. see Vincent, E. [illegible]
Papadas, C. see Vincent, E. [illegible]
Papadas, C. see Vincent, E. [illegible]
Papadas, C. see Vincent, E. [illegible]
Papadias, B. see Hatziargyriou, N. [illegible]
Papadias, B.C., Hatziargyriou, N.D., Tsirekis, C.D. Investigation of adverse conditions for long line energization [illegible]
Papadias, B.C. see Prousalidis, J.M. [illegible]
Papadias, B.C. see Prousalidis, J.M. [illegible]
Papadias, C.B., Paulraj, A. A space-time constant modulus algorithm for SDMA systems [illegible]
Papadichev, V.A. A comparison of various schemes of beam conditioning for FEL 96496
Papadichev, V.A. Orbital motion in generalized static fields of FELs accounting for axial magnetic field, beam forces, undulator and external focusing 107370
Papadichev, V.A. Polarization in free electron lasers 107371
Papadimitriou, C.H. *see* Grigni, M. 103652
Papadimitriou, D. see Lopez-Villegas, J.M. 94304
Papadimitriou, D. see Nassiopoulos, A.G. 116246
Papadimitriou, G.I., Maritsas, D.G. WDM star networks: Hybrid random access and reservation protocols with high throughput and low delay [illegible]
Papadimitriou, G.I., Maritsas, D.G. Learning automata-based receiver conflict avoidance algorithms for WDM broadcast-and-select star networks 78087
Papadimitriou, G.I., Maritsas, D.G. WDM passive star networks: a learning automata-based architecture 109046
Papadopoulo, T., Faugeras, O. Computing structure and motion of general 3D curves from monocular sequences of perspective images 67322
Papadopoulos, A.S., Tiwari, R.C., Zalkikar, J.N. Hierarchical Bayes estimation for the exponential-multinomial model in reliability and competing risks 113031
Papadopoulos, C., Antonakopoulos, T., Pressas, S., Makios, V. A variable frequency controller for three phase DC/AC inverters 71501
Papadopoulos, C. *see* Tsai, M.C. 88700
Papadopoulos, C.A., Vlachos, D.S., [illegible] J.N. A new planar device based on Seebeck effect for gas sensing applications [illegible]
Papadopoulos, C.A. *see* Vlachos, D.S. 100157
Papadopoulos, D.P. *see* Vesely, V. 90965
Papadopoulos, G. see [illegible] A. [illegible]
Papadopoulos, G.D. see [illegible] V.D. [illegible]
Papadopoulos, G.D. see [illegible] N.C. [illegible]
Papadopoulos, K., Zigler, A., Book, D.L., Cohen, C., Hashimshony, D. Breakdown of magnetic insulation in semiconductor plasmas [illegible]
Papadopoulos, K. see [illegible] N. [illegible]
Papadopoulos, K.H., [illegible] A.T., Helmis, C.G., Asimakopoulos, D.N., Santamouris, W., Argiriou, A., Dascalaki, E. A triple hot-wire system for indoor air flow measurements 110457
Papadopoulos, K.H. *see* Whale, J. [illegible]
Papadopoulos, K.P. see [illegible] E. [illegible]
Papadopoulos, M.P. see Papathanassiou, S.A. 71480
Papadopoulos, M.P. *see* Papathanassiou, S.A. 91419
Papadopoulou, T.D. *see* Adam, W. 69709
Papaefthymiou, M.C. *see* Knapp, M.C. 104520
Papaefthymiou, M.C. *see* Lalgudi, K.N. 82879
Papageorgakopoulos, K. *see* Pimenides, T. 61535
Papageorgas, P.G. *see* Helmis, C.G. 102355
Papageorge, M. *see* Tarter, T.S. 92229
Papageorgiou, C. *see* Laopoulos, T. 109992
Papageorgiou, G., Tsitouras, C. Continuous Runge-Kutta(-Nystrom) methods with reduced phase-errors 72659
Papageorgiou, G. *see* Papakostas, S.N. 103786
Papagiannakis, A.G. *see* Kriezis, E.E. 97273
Papagiannakis, L. *see* Mirasgedis, S. 111707
Papaillou, K. *see* Doukelis, A. 79755
Papaioannou, G.J. *see* Dimitrakis, P. 94627
Papaioannou, T. *see* Tsairidis, C. 97399
Papakostas, S.N., Papageorgiou, G. A family of fifth-order Runge-Kutta pairs 103786
Papaleo, R. *see* Fortuna, L. 112871
Papalexandri, K.P., Pistikopoulos, E.N., Kalitventzeff, B., Dumont, M.N., Urmann, K., Gorschluter, J. Operation of a steam production network with variable demands modelling and optimization under uncertainty 71146
Papamarkos, N., Chamzas, C. A new approach for the design of digital integrators 104420
Papamarkos, N. *see* Gatos, B. 67146
Papananos, Y. *see* Pipilos, S. 114070
Papandreou, Z. *see* Maruyama, K. 100989
Papanicolaou, V.G. *see* Boneh, S. 60787
Papanikolaou, N. *see* McNutt, T.R. 80443
Papanikolopoulos, N.P. The framework of controlled active vision 108683
Papanikolopoulos, N.P. *see* Pavlidis, I. 86773
Papanikolopoulos, N.P. *see* Sullivan, M.J. 86775
Papantoniou, A., Coonick, A., Feris, L. Modelling and simulation of an advanced static VAr compensator using SABER 121053
Papantonopoulos, I.N. *see* Irons, F.H. 110057
Papanu, J. *see* Ma, D.X. 114917
Papaodysseus, K. *see* Michael, Ch. 120439
Papaparaskeva, P. *see* Lainiotis, D.G. 90809
Papasakellariou, A., Aazhang, B. Linear multiuser detectors for synchronous code-division multiple-access systems with continuous phase modulation 67549
Papashvili, A.G. *see* Orlovskii, Yu.V. 96188
Papastavridis, S.G. *see* Antonopoulou, I.N. 103501
Papathanasiou, A. *see* Hunger, A. 61529
Papathanasiou, A. *see* Hunger, A. 106119
Papathanasiou, K., Hamilton, A. Pulse based signal processing: VLSI implementation of a Palmo filter 104736
Papathanassiou, K.P., Moreira, J.R. Interferometric analysis of multifrequency and multipolarization SAR data 120716
Papathanassiou, K.P. *see* Coltelli, M. 111083
Papathanassiou, K.P. *see* Lanari, R. 111161
Papathanassiou, S.A., Papadopoulos, M.P. DQ modelling of a variable speed wind turbine equipped with a double output induction generator 91419
Papathanassiou, S.A., Vokas, G.A., Papadopoulos, M.P. Use of power electronic converters in wind turbines and photovoltaic generators 71480
Papathomas, M. *see* Robin, P. 118588
Papathomas, T.V. Model-based methods for generating equiluminant texture targets in imaging systems 86629
Papathomas, T.V. *see* Kashi, R.S. 86630
Papavassiliou, C. *see* Georgakilas, A. 113327
Papavassiliou, S., Tassiulas, L. Improving the capacity in wireless networks through integrated channel base station and power assignment 78523
Papavramidis, A.C., Tombras, G.S., Alexakis, G.E. Developing location and tracing methods for fast moving portables 78480
Papazoglou, C., Siskos, S., Laopoulos, T., Karybakas, C.A. A current-mode, CMOS F/V converter for low-frequency applications 62086
Papazoglou, T.M. FACTS-application in meshed systems–a comparative analysis 70837
Papazoglou, T.M., Bitzer, B., Rosser, F. Load forecasting for the power system of Crete–a comparative analysis 111541
Papazoglou, T.M., Popovic, D.P., Mijailovic, S. Analysis of the effects of application of PST and SC on the performance of the UCPTE system in the Balkans 101907
Pape, D.R. Acousto-optic spectrometers for millimeter and submillimeter wavelength radio astronomy 68829
Pape, H. *see* Kelly, G. 60607
Pape, H. *see* Lee, C. 112921
Papen, G.C. *see* Little, L.M. 107314
Papen, G.C. *see* Smith, G.M. 76004
Papen, W. Uplink performance of a new macro-diversity cellular mobile radio architecture 99185
Papendorf, M. *see* Berroth, M. 80846
Papernov, S., Schmid, A.W., Anzelotti, J., Smith, D., Chrzan, Z.R. AFM-mapped, nanoscale, absorber-driven laser damage in UV high-reflector multilayers 107462
Papi, A. *see* Hallgren, B. 90201
Papi, A. *see* Hallgren, B. 100956
Papic, I. *see* Povh, D. 111560
Papic, L., Aronov, J. A fuzzy approach to ranking procedure of systems elements according to criticality degree 82350
Papic, L., Aronov, J. Automatic generation of passenger vehicles assembly line reliability parameters 88939
Papiernik, A. *see* Augustin, D. 86001
Papiernik, A. *see* Kossiavas, G. 97375
Papin, P., Rachkov, V. Time synchronization on transmission networks. Fuzzy control algorithm 67642
Papin, P., Rachkov, V. Time synchronization on transmission networks. Functional breakdown and comparative analysis of algorithms 67664
Papin, P., Rachkov, V. Time synchronization on transmission networks. Self-adapting algorithm for time management on SDH networks 67665
Papini, A. *see* Dieci, L. 103740
Papini, P. *see* Barbiellini, G. 69722
Papis, E. *see* Jaroszynski, J. 105421
Papke, L. *see* Fazel, K. 76757
Papko, A.A. *see* Kolganov, V.N. 79718
Papko, A.A. *see* Mokrov, E.A. 110378
Papko, A.A. *see* Mokrov, Ye.A. 79388
Papoyan, A.V. *see* Sarkisyan, D.H. 85441
Papoz, S. *see* Bernard, S. 90923
Papp, A., Bieringer, F., Koch, D., Kammer, H., Kohlhase, A., Lill, A., Preussger, A., Schlemm, A., Schneegans, M. Implementation of a WLR-program into a production line 60585
Papp, A., Bieringer, F., Koch, D., Kammer, H., Pohle, H., Schlemm, A., Schneegans, M., Vogt, H. Use of test structures for a wafer-level-reliability monitoring 113043
Papp, G. *see* Di Ventra, M. 63813
Papp, G. *see* Di Ventra, M. 115262
Papp, I. *see* Frigyes, I. 85858
Papp, J. *see* Chunchieh Huang 74886
Papp, K. *see* Preis, K. 65691
Pappalardo, D. A viable choice for low-speed ATM 68004
Pappalardo, G., De Sanoit, J., Musumarra, A., Calvi, G., Marchetta, C. Feasibility study of a portable PIXE system using a ^{210}Po alpha source 100387
Pappalardo, G. *see* Cardella, G. 110599
Pappalardo, M. *see* Castellani, M. 92534
Pappalardo, M. *see* Lamberti, N. 106474
Pappanastos, E.A., Adams, B.M. Alternative designs of the Hodges-Lehmann control chart 82309
Pappas, C. *see* Haris, K. 86529
Pappas, G. *see* Van Slyke, M.A. 110866
Pappas, G.C., Forsyth, E.B., Feng, W. The injection kicker system for the muon g-2 experiment 100722
Pappas, G.C. *see* Forsyth, E.B. 100721
Pappas, M., Pitas, I. Sorting networks using nonlinear L_p mean comparators 117418
Pappert, S.A. *see* Sun, C.K. 68456
Pappert, S.A. *see* Sun, C.K. 95826
Pappert, S.K. *see* Welstand, R.B. 64806
Papproth, E., Kaleh, G.K. A CDMA overlay using frequency-diversity spread spectrum 68270
Papproth, E., Kaleh, G.K. Near-far resistant channel estimation for the DS-CDMA uplink 88366
Papproth, E. *see* Siala, M. 66476
Pappu, L., Bushnell, M.L., Agrawal, V.D., Srinivas, M.K. Statistical path delay fault coverage estimation for synchronous sequential circuits 93333
Pappu, R. Nonuniformly sampled computer-generated holograms 85772
Paptistella, R. *see* Berroth, M. 80846
Papuchon, M. *see* Debuisschert, T. 96636
Papureanu, S. *see* Ausset, P. 100679
Papureanu, S. *see* Kleffner, C.-M. 89724
Papureanu, S. *see* Stockhorst, H. 100573
Paputta, C. *see* Cinguino, P. 96430
Papuzza, C. *see* Antolino, A. 61267
Papuzza, C. *see* Rigo, C. 103951
Paquerault, S., Maitre, H., Nicolas, J.-M. Radarclinometry for ERS-1 data mapping 111129
Paquet, D. *see* Charra, F. 105495
Paquet, E. Recognition of polychromatic range images based on chromatic sampling of scalar products and logarithmic histograms 117662
Paquet, E. *see* Garcia-Martinez, P. 117535
Par Jong-Young *see* Jong-Young Par
Parab, K. *see* Tian, S. 94694
Paraboni, A., Capsoni, C., Zaccarini, F. The horizontal structure of rain and its impact on the design of advanced satellite systems at centimetre and millimetre wavelengths 99439
Paraboni, A. *see* Bosisio, A. 78616
Parada, E.G. *see* Leon, B. 61365
Paradells, J. *see* Barbero, O. 111019
Paradells, J. *see* Barcelo, F. 108817
Paradinas, I. *see* Escudero, L.F. 91249
Paradiz, B. *see* Pozun, K. 99923
Paradowski, L. Computational procedure for two-dimensional direction finding, its characteristics and application perspective 68617
Paragina, F. *see* Jipescu, I. 90511
Paraire, N., Dansas, P. Comment on "Accurate refractive index measurements of doped and undoped InP by a grating coupling technique" [Appl. Phys. Lett. 67, 881 (1995)] 100366
Parakh, Z. *see* Teodorescu, R. 95546
Parakhnevich, A.V. *see* Sharafutdinov, R.G. 61404
Parakka, A.P., Jiles, D.C., Gupta, H., Jalics, S. Effects of surface condition on Barkhausen emissions from steel 75110

Paramanandam, S., Youngs, L. Defect mapping and repair in UltraSPARC-I microprocessor memories 61891
Paramanandam, S. *see* Youngs, L. 61931
Parameshwaran, B. *see* Hutchins, J.W. 74159
Parameswar, A., Hara, H., Sakurai, T. A swing restored pass-transistor logic-based multiply and accumulate circuit for multimedia applications 73202
Parameswaran, M., Takagi, H., Maeda, R. Economical mask production for micromachining using layout software and desk-top publishing company 62446
Parameswaran, M. *see* Mehta, M. 90558
Parameswaran, M. *see* Rawicz, A. 95228
Parameswaran, S. *see* Murty, A.S.R. 121022
Parameswaran, S. *see* Ravikumar, A.R. 112139
Paramonov, A.N. *see* Zaryankin, A.E. 102453
Paramonov, V.P., Antonov, S., Lagarikov, A.N., Panina, L.V., Mohri, K. High frequency (1-1200 MHz) magnetoimpedance in CoFeSiB amorphous wires 84785
Paramonov, V.V. The proposal of complex impedance termination for versatile HOM damper cavity 100651
Paramonov, V.V. *see* Kuznetsov, M.I. 100652
Paramonov, Yu.V. Hashing as a method of protecting continuous messages 108143
Paranchich, S.Yu. *see* Prozorovskii, V.D. 105142
Paranchich, Yu.S. *see* Prozorovskii, V.D. 105142
Paranjape, M., Landsberger, L.M., Kahrizi, M. A CMOS-compatible 2-D vertical Hall magnetic-field sensor using active carrier confinement and post-process micromachining 88990
Paranjape, M. *see* Landsberger, L.M. 74574
Paranjape, V.V., Wilson, D. Propagation of electrons in coupled quantum wells 83965
Paranjpe, A., IslamRaja, M. CVD TiN process modeling for contact/via barriers 63466
Paranjpe, A. *see* Apte, P.P. 115027
Paraschiv, A. *see* Caldararu, M. 69035
Paraschiv, A. *see* Cristea, L. 64778
Parashikov, I. *see* Hug, H.J. 75170
Parasiliti, F. *see* Higuchi, T. 111925
Parasiliti, F. *see* Manes, C. 121485
Paraskevopoulos, A. *see* Schelhase, S. 103939
Paraskevopoulos, K.M. *see* Ozer, M. 113284
Parasote, V. *see* Le Normand, F. 92872
Parati, G. *see* Di Rienzo, M. 90265
Paratte, L. *see* Favrat, P. 81494
Paratte, L. *see* Lorenz, H. 84637
Paraventi, R. *see* Arbizzani, C. 73826
Parayanthal, P. *see* Chand, N. 96407
Parazzoli, C. *see* Hayward, T.D. 79878
Parazzoli, C.G. *see* Adamski, J.L. 76062
Parazzoli, C.G. *see* Adamski, J.L. 96528
Parazzoli, C.G. *see* Dowell, D.H. 96492
Parcigneau, D. Maintaining intermod level at communications sites 119032
Pardas, M. *see* Morros, J.R. 86533
Pardas, M. *see* Salembier, P. 77257
Pardavi-Horvath, M. Switching properties of a regular two-dimensional array of small uniaxial particles 115591
Pardavi-Horvath, M., Guobao Zheng, Vertesy, G., Magni, A. Interaction effects in switching of a two dimensional array of small particles 115592
Pardavi-Horvath, M. *see* Guobao Zheng 75154
Pardavi-Horvath, M. *see* Xiao Hua Huang 116816
Pardis, C.J. *see* Carter, T.E. 111064
Pardo, D. *see* Martin, M.J. 62816
Pardo, D. *see* Reggiani, L. 62880
Pardo, D. *see* Starikov, E. 74338
Pardo, F., Boluda, J.A., Perez, J.J., Felici, S., Dierickx, B., Scheffer, D. Response properties of a foveated space-variant CMOS image sensor 119720
Pardo, F., Burmeister, G., Guimpel, J. Substrate heater design for film deposition in oxidizing atmosphere 72953
Pardo, F. *see* Matine, N. 93852
Pardo, J.M., Cabello, D., Carreira, M.J., Penedo, M.G., Heras, J. Knowledge based CT image analysis: automatic three dimensional shape reconstruction of bones 90286
Pardo, L. *see* Morales, D. 113108
Pardo, R.C., Smith, R. The role of space charge in the performance of the bunching system for the ATLAS positive ion injector 100700
Pardoe, B.H. *see* Kotsakis, E.G. 98577
Pardoe, B.H. *see* Sigiuk, H.I. 108835
Pardoen, M., Gerrits, J., von Kaenel, V. A 0.9 V 1.2 mA 200 MHz BiCMOS single-chip narrowband FM receiver 78366
Pare, C. *see* Vera, P. 101130
Paredes, A. *see* Ehrmann, O. 94146
Parekh, B., Zahka, J. Point-of-use purification in DHF baths 84195
Parekh, B., Zahka, J., Gupta, K., Triplett, B., Tran, M. Performance of a POU purifier in ionic contamination removal 94803
Parekhji, R.A., Venkatesh, G., Sherlekar, S.D. Monitoring machine based synthesis technique for concurrent error detection in finite state machines 83093
Parel, J.-M. *see* Manns, F. 101413
Parent, J. *see* Six, M. 70487
Parent, J.S. *see* Renaut, R.A. 92618
Parent, P. *see* Hayman, A.J. 120928
Parente, F., Attolini, G., Mogavero, C., Nervo, G., Pignari, G. The procurement and testing process of synchronous digital hierarchy (SDH) 118226
Parenteau, M. *see* Jorio, A. 94330
Parenti, R., Masulli, F. Drive-train for electric/hybrid vehicles improved by soft computing 99835
Parenti, R.R. Fourier-space image restoration 77498
Pareschi, R. *see* Borghoff, U.M. 87840
Paret, V. *see* Zellama, K. 94673
Paretzke, H.G. *see* Fehrenbacher, G. 69842
Parfen'eva, L.S. *see* Popov, V.V. 83890
Parfenov, A., Rumyantsev, B., Danilina, L., Pebalk, D., Kotov, B. Liquid crystal optically addressed spatial light modulators with the organic polymer thin-film photoconductors 106885
Parfenov, A.V. Transverse electro-optical effects in ferroelectric SmC* liquid crystals for gray-scale spatial light modulators 85115
Parfenov, A.V. Optical image processing based on optical and electrooptical properties of liquid crystal modulators 86995
Parfenov, A.V. Optically addressed image converters based on scattering effects in liquid crystal 95856
Parfenov, A.V., Putilin, A.N. Advanced optical schemes with liquid crystal image converters for display applications 89233
Pargal, S. Do incompatible network standards lead to domestic benefits? The case of color television 119381
Pargman, D. *see* Palme, J. 77912
Parhami, B. A taxonomy of voting schemes for data fusion and dependable computation 76899
Parhami, B. A note on digital filter implementation using hybrid RNS-binary arithmetic 93594
Parhami, B., Kawahito, S., Ishida, M., Nakamura, T., Kameyama, M., Higuchi, T. Comments on "High-speed area-efficient multiplier design using multiple-valued current-mode circuits" 61855
Parhami, B. *see* Ding-Ming Kwai 108305
Parhat, H. *see* Vasa, N.J. 107193
Parhi, K.K. *see* Parker, D.A. 104709
Parhi, K.K. *see* Raghunath, K.J. 114088
Parhi, K.K. *see* Satyanarayana, J.H. 84586
Parhi, K.K. *see* Song, L. 104504
Parhi, K.K. *see* Fortes, J. *(editor)* 103313
Parhofer, S.M., Wecker, J., Kuhrt, C., Gieres, G., Schultz, L. Remanence enhancement due to exchange coupling in multilayers of hard- and softmagnetic phases 115622
Paria, M.K. *see* Chakraborty, A. 81840
Parichha, T.K., Acharyya, T.K., Ray, R.D., Talapatra, G.B. A Monte Carlo simulation of thermally activated spectral diffusion for an energetic and substitutionally disordered system 60818
Parida, L. *see* Geiger, D. 86376
Parihar, M. *see* Misra, S.C.K. 110268
Parihar, S. *see* Grayson, M. 62978
Parikh, A. One-stop shopping for voice, data and video 108928
Parikh, A., Pearson, S.D., Tran, T.K., Bicknell, R.N., Benz, R.G., Wagner, B.K., Schaefer, P., Summers, C.J. Growth and characterization of HgCdTe heterostructures by metalorganic molecular beam epitaxy 72792
Parikh, A. *see* Summers, C.J. 74445
Parikh, A. *see* Tran, T.K. 74224
Parikh, A. *see* Tran, T.K. 74408
Parikh, A.N. *see* Lercel, M.J. 94863
Parikh, C.D. *see* Chumber, H.K. 106176
Parikh, J. *see* Majumdar, S. 70713
Parikh, J.K., Reddy, B.S., Banerjee, R., Koundinya, S. DSM survey in India: awareness, barriers and implementability 112621
Parikh, P.A., Jiang, W.N., Chavarkar, P.M., Kiziloglu, K., Keller, B., DenBaars, S.P., Mishra, U.K. A new FET-based integrated circuit technology: the SASSFET 84611
Parikh, P.A., Shi, S.S., Ibbetson, J., Hu, E.L., Mishra, U.K. Hydrogenation of GaAs MISFETs with Al_2O_3 as the gate insulator 105944
Parikh, S. *see* Anderson, L. 63970
Parikh, S.A. *see* Hemenway, B.R. 68523
Parikh, S.A. *see* Kaminow, I.P. 77942
Parikh, S.A. *see* Marquis, D. 98638
Parillaud, O., Gil-Lafon, E., Gerard, B., Etienne, P., Pribat, D. High quality InP on Si by conformal growth 61218
Parini, G., Philippakis, M. Use of quiet zone prediction in the design of compact antenna test ranges 76608
Parini, G. *see* Philippakis, M. 76609
Paris, B.-P., Shah, A.R. Tree search algorithms for self-adaptive maximum-likelihood sequence estimation 66218
Paris, L. *see* Calderon, J.C. 78311
Paris, L. *see* Corominas, E. 118492
Paris, M.G.A. *see* D'Ariano, G.M. 97896
Paris, M.G.A. *see* D'Ariano, G.M. 110159
Parise, G., Grasselli, U., Zan, R., Sanders, M.K. Electric power systems design: The NEC and the IEC approach 80977
Parish, D.J. *see* Nche, C.F. 108924
Parisi, C. *see* Barili, A. 71732
Parisini, A. *see* Amato, G. 94253
Parisini, T. *see* Bolla, R. 77671
Parisini, T. *see* Guglielmi, G. 111710
Parizh, M. *see* Devernoe, A. 95533
Parizh, M.B. *see* Kalafala, A.K. 102820
Parizhsky, V., Walsh, D.M. Simplified trellis decoder 97574
Park, B.-W. *see* Lee, G.-S. 93939
Park, B.G. *see* Park, J.T. 115352
Park, C.-G. *see* Choi, S.-J. 105785
Park, C.-M., Min, B.-H., Han, M.-K. Novel offset gated poly-Si TFTs with floating sub-gate 115223
Park, C.-S., Feng, G.-L., Tzeng, K.K. The new minimum distance bounds of Goppa codes and their decoding 117217
Park, C.-S. *see* Cho, H.S. 116555
Park, C.-W., Lim, I.-C. Fair delay and loss priority control in ATM networks 117947
Park, C.-W. *see* Lee, J.-S. 93211
Park, C.G. *see* Kwak, J.S. 114812
Park, C.H. *see* Min, B.H. 84405
Park, C.K. *see* He, G.S. 75851
Park, C.K. *see* Zhao, C.F. 96126
Park, C.M. *see* Hwang, D.G. 115623
Park, C.O. *see* Lee, C.H. 121312
Park, C.S., Lyu, G.Y., Lee, D.H. Frequency locking using cascaded fibre Bragg gratings in OFDM systems 78651
Park, C.S. *see* Hwang, I.G. 119425
Park, C.S. *see* Lee, H.J. 64886
Park, C.S. *see* Park, I.S. 115012
Park, C.S. *see* Park, K.H. 119246
Park, C.S. *see* Vempati, V.S. 72203
Park, D. *see* Boos, J.B. 95071
Park, D. *see* Boos, J.B. 106061
Park, D. *see* Shaw, J.L. 74043
Park, D. *see* Snow, E.S. 84004
Park, D. *see* Yun, K. 113920
Park, D. *see* Zheng, S. 105973
Park, D.-G. *see* Chen, Z. 84003
Park, D.-K. *see* Fukumoto, S. 99164
Park, D.-K. *see* Fukumoto, S. 99297
Park, D.-Y. *see* Sameshima, H. 100173
Park, D.C. *see* Han, S.T. 114233
Park, D.C. *see* Han, S.T. 119347
Park, D.G. *see* Mohammad, S.N. 72873
Park, E., Norte, D., Willner, A.E. Demonstration of multiple-wavelength-input all-optical wavelength-shifting spatial and temporal techniques with subcarrier-multiplexed control for self-routing 88656
Park, E., Willner, A.E. Network demonstration of self-routing wavelength packets using an all-optical wavelength shifter and QPSK subcarrier routing control 78700
Park, E., Willner, A.E. Self-routing of wavelength packets using an all-optical wavelength shifter and QPSK subcarrier routing control headers 78941
Park, E. *see* Shieh, W. 78785
Park, E. *see* Watson, A.R. 111057
Park, E.-J. *see* Milner, F.A. 82559
Park, E.H., Ram, B., Girdhar, R. Educating manufacturing professionals for the 21st century 103333
Park, E.H. *see* Wang, M.C. 65716
Park, E.K. *see* Wei Liu 108849
Park, G. *see* Kim, S. 111847
Park, G.L. *see* Nam, H.G. 118929
Park, H. *see* Chen, Q. 95041
Park, H. *see* Elden, L. 61012
Park, H. *see* Kim, Y.D. 69812
Park, H. *see* Levinshtein, M.E. 74759
Park, H. *see* Oh, M. 65255
Park, H. *see* Park, J.Y. 107014
Park, H. *see* Peatman, W.C.B. 63781
Park, H. *see* Peatman, W.C.B. 84479
Park, H. *see* Weiser, K. 116226
Park, H. *see* Ytterdal, T. 63757
Park, H.-J. *see* Lee, C.-H. 84592
Park, H.-M. *see* Mun, J.K. 84478
Park, H.-M. *see* Youn, K.-J. 93836
Park, H.-R. *see* Kang, B.-J. 118937
Park, H.-S. *see* Lee, S.H. 63329
Park, H.D. *see* Choi, B.W. 84761
Park, H.H., Eom, H.J. Electrostatic potential distribution through a rectangular aperture in a thick conducting plane 116813
Park, H.H. *see* Suh, K.S. 74610
Park, H.J., In-Sang Yang, Oh, B.D., Moon, S.H., Gun Yong Sung Raman study of stress in a $YBa_2Cu_3O_{7-\delta}$ microbridge 106697
Park, H.J. *see* Kwon, M. 100689
Park, H.K., Steiner, C., Guzelsu, N., Diaz, F.G. Computer navigated assurance system in treating low back pain 70190
Park, H.K. *see* Ha, J.H. 63324
Park, H.K. *see* Hong, I.P. 116945
Park, H.K. *see* Lee, T.G. 115071
Park, H.L. *see* Han, I.K. 114961
Park, H.L. *see* Jeong, B.S. 83861
Park, H.L. *see* Kim, T.W. 105326
Park, H.L. *see* You, Y.C. 95979
Park, H.M. *see* Hwang, I.G. 119425
Park, H.R. *see* Kwon, K.H. 63931
Park, H.S., Mokhtari, M., Roesky, H.W. $Cd(SeR_f)_2(R_f{=}2,4,6\text{-}(CF_3)_3C_6H_2)$–an improved CVD single source precursor for II-IV semiconductors: synthesis, growth and characterization 113487
Park, H.S. *see* Ivanov, S.V. 74152
Park, H.S. *see* Toropov, A.A. 75930
Park, I., Mittra, R. Aperture-coupled small microstrip antenna 108049
Park, I.H. *see* Lee, T.S. 61144

Park, I.S., Lee, H.-D., Wee, Y.J., Park, C.S., Choi, G.H., Lee, S.I., Lee, M.Y., Lee, J.G. Highly electromigration-resistive via structure using Al-reflow for multi-level interconnection 115012
Park, J. The monitoring of analog and digital program signals in DBS system 88810
Park, J. *see* Levin, C.S. 90366
Park, J. *see* Levin, C.S. 110697
Park, J. *see* MacDonald, L.R. 80258
Park, J.-G., Rozgonyi, G.A., Lee, C.-S., Choi, S.-P. Gate oxide integrity in DRAM devices: The influence of substrate D-defects 61889
Park, J.-G., Rozgonyi, G.A., Ushio, S., Cho, K.-C., Lee, C.-S. Effect of H$_2$ annealing on oxide integrity improvement 63224
Park, J.-H. Non-uniform M-ary PSK for channel capacity expansion 76708
Park, J.-H. *see* Kim, T.-G. 114749
Park, J.-H. *see* Ma, B. 112323
Park, J.-H. *see* Rhee, I.-K. 99716
Park, J.-S. *see* Ji, C.-H. 118742
Park, J.-S. *see* Lee, B.-T. 105651
Park, J.-S. *see* Yang, J.-M. 118928
Park, J.A. *see* Han, S.T. 114233
Park, J.A. *see* Han, S.T. 119347
Park, J.C., Kennedy, R.M. Remote sensing of ocean sound speed profiles by a perceptron neural network 70504
Park, J.C. *see* Neelakanta, P.S. 64030
Park, J.H., Kim, S.J., Kim, J.H., Seo, D.C., Kim, K.D., Park, S.Y., Lee, H. Chemically amplified negative-tone deep-UV photoresist based on poly(alkoxy styrenes) containing acetal groups 105781
Park, J.H., Kim, Y.H., Kim, D.H., Kang, W.N., Choi, S.S., Hahn, T.S. Anomalous photoresponse of YBa$_2$Cu$_3$O$_{7-x}$ step-edge junction 89084
Park, J.H. *see* Chai, J.S. 100809
Park, J.H. *see* Hwang, S.W. 106085
Park, J.H. *see* Shim, S.Y. 100033
Park, J.H. *see* Woo, S.Y. 110096
Park, J.K. *see* Chang, H.S. 64296
Park, J.S. *see* Choi, S.H. 98128
Park, J.S. *see* Kijoon Kim 82726
Park, J.S. *see* LeBlanc, L.J. 109120
Park, J.S. *see* Sarusi, G. 69295
Park, J.S. *see* Sundaram, M. 110217
Park, J.T., Do, J.H., Han, C.M. Multicasting VP design methodology using simulated annealing in an ATM network 77799
Park, J.T., Jang, S.J., Yu, C.G., Park, B.G., Lee, J.D. New experimental findings on hot carrier effects in deep submicrometer surface channel PMOS 115352
Park, J.T., Kim, S.J., Kim, Y.M., Cho, Y.H. Design and implementation of TDX-10 management system incorporating TMN concept 87585
Park, J.W. *see* Choi, J.H. 104015
Park, J.W. *see* Do-Heyoung Kim 113492
Park, J.W. *see* Yoo, K.-H. 83911
Park, J.Y., Allen, M.G. A comparison of micromachined inductors with different magnetic core materials 114352
Park, J.Y., Kim, K.Y., Noh, T.H., Suh, S.J. The magnetic properties of ultrathin Fe-Al-Nb-B-Cu nanocrystalline alloys 115574
Park, J.Y., Le, H.M., Kim, G.T., Park, H., Park, Y.W., Kang, I.N., Hwang, D.H., Shim, H.K. The electroluminescent and photodiode device made of a polymer blend 107014
Park, J.Y. *see* Chung, M.Y. 78111
Park, K. Self-organized multi-class QoS provision for ABR traffic in ATM networks 108768
Park, K., Cannon, D.J. Recognition and localization of a 3D polyhedral object using a neural network 86785
Park, K., Minami, K., Esashi, M. An integrated communication and control system for a multi-link active catheter 120482
Park, K., Peale, R.E., Weidner, H., Kim, J.J. Submillimeter p-Ge laser using a Voigt-configured permanent magnet 76002
Park, K. *see* Chang, H.S. 64296
Park, K. *see* Lee, K. 108885
Park, K. *see* Uhm, M. 85994
Park, K.-R. *see* Chung, K.-W. 114230
Park, K.-S. *see* Cho, H.S. 116555
Park, K.B. *see* Hwang, H. 109871
Park, K.H., Lee, J.K., Hahn, J.H., Cho, H.S., Jang, D.H., Park, C.S. Effects of the external optical feedback on the DFB-LD modules for 2.5 Gbps optical communication system 119246
Park, K.H., Lee, S.K., Yi, J.H., Kim, S.H., Kwak, Y.K., Wang, I.A. Contactless magnetically levitated silicon wafer transport system 82166
Park, K.H. *see* Cho, H.S. 116555
Park, K.H. *see* Jeong, J. 85530
Park, K.H. *see* Yi, J.H. 89469
Park, K.M. *see* Park, Y. 117113
Park, K.S., Lee, K.K., Yoon, Y.C., Park, S.C. The development of graphic effect machine (GEM) 99747
Park, K.S. *see* Kwon, K.H. 63931
Park, K.T., Kwon, K.H., Lee, T.H., Lim, Y.J., Shin, W.C., Choi, Y.B., Choi, Y.J., Ahn, S.T. Degradation of the tunnel oxide and the endurance characteristics of the NAND flash memory due to plasma CVD charging-up damage 83118
Park, K.T. *see* Choi, S.H. 67062
Park, K.T. *see* Choi, S.H. 98128
Park, K.T. *see* Kang, M.G. 86561
Park, K.T. *see* Kim, Y.H. 86914
Park, K.Y., Pang, M.T.C. Mathematical modeling of SF$_6$ puffer circuit breakers. I. High current region 81599
Park, K.Y. *see* Dong June Chung 75420
Park, K.Y. *see* Kim, J.S. 75418
Park, K.Y. *see* Ok Kyung Cho 75419
Park, M., Kim, G.H., Jang, J., Koo, J.G., Nam, K.S. Planarised interconnection technology using a new pillar formation method with multistacked metal structure 105723
Park, M.H. *see* Ressel, P. 105442
Park, M.J. *see* Lee, T.S. 61144
Park, M.S. *see* Kwark, B.S. 119230
Park, M.S. *see* Yun, T.Y. 99570
Park, N., Nielsen, T., Simpson, J., Wysocki, P., Pedrazzani, R., DiGiovanni, D., Grubb, S., Walker, K. High power Er-Yb linear optical fibre amplifier for CATV applications with gain tilt window over 11 nm and integrated dispersion pre-compensation 68374
Park, N., Nielsen, T., Simpson, J., Wysocki, P., Predrazzani, A., Vengsarkar, A., DiGiovanni, D., Grubb, S., Peckham, D., Haner, M., Walker, K. Dispersion precompensated, high-power Er-Yb linear amplifier with gain tilt optimization over 11 nm 88564
Park, N. *see* Stentz, A.J. 65106
Park, N.S. *see* Kim, J.M. 74033
Park, P.D. Whistleblowing: an employer's view how vulnerable is your company 103367
Park, P.G., Kim, C.G., Choi, C.H., Kim, G.M. Construction of a noncontact probe system for the dimension measurement of a precision solenoid 85810
Park, R.-H. *see* Doh, S.Y. 117675
Park, R.M. Development of wide-gap II-VI materials for blue-green diode laser applications: A review 76016
Park, R.M. *see* Jeon, M.H. 113290
Park, R.M. *see* Kothandaraman, C. 74209
Park, R.M. *see* Taylor, R.A. 74381
Park, R.M. *see* Trexler, J.T. 74463
Park, S., Ho Shin Cho, Dan Keun Sung Modeling and analysis of CDMA soft handoff 118971
Park, S. *see* Davis, P. 89606
Park, S. *see* Kim, J.-S. 118922
Park, S. *see* Kim, J.D. 89094
Park, S. *see* Lee, K. 108885
Park, S. *see* Michel, E. 100006
Park, S. *see* Motamedi, M.E. 100116
Park, S. *see* Sarkar, T.K. 108009
Park, S. *see* Zhang, R. 89605
Park, S.-E. *see* Blue, C.T. 64091
Park, S.-H. *see* Aydin, K. 120751
Park, S.-I., Murenzi, R., Smith, M.J.T. Multidimensional wavelets for target detection and recognition 87167
Park, S.-K. *see* Rhee, I.-K. 99716
Park, S.-M. *see* Manetakis, K. 74828
Park, S.C. *see* Gagnon, J.J. 60584
Park, S.C. *see* Im, D.H. 102707
Park, S.C. *see* Park, K.S. 99747
Park, S.G. *see* Nam, J.Y. 67985
Park, S.H., Bahng, S.H., Kim, D.J. Sensorless brushless DC motor uses fast and reliable unbalanced three-step start 71740
Park, S.H., Bahng, S.H., Kim, D.J. A new start-up method for sensorless brushless DC motor using an unbalanced three step start 91544
Park, S.H., Litvinenko, V.N., Madey, J.M.J., Newnam, B.E. VUV optical ring resonator for the Duke storage ring free electron laser 107372
Park, S.H. *see* Chai, J.S. 100809
Park, S.H. *see* Kim, D.S. 86558
Park, S.H. *see* Kim, J.-S. 78578
Park, S.H. *see* Lee, H.S. 93751
Park, S.H. *see* Lee, S. 86541
Park, S.H. *see* Litvinenko, V.N. 79873
Park, S.H. *see* Litvinenko, V.N. 89685
Park, S.H. *see* Litvinenko, V.N. 96466
Park, S.H. *see* Ryu, J.Y. 119756
Park, S.H. *see* Wu, Y. 96480
Park, S.J. *see* Kim, S.B. 103941
Park, S.J. *see* Ro, J.R. 103944
Park, S.K. *see* Henning, R.E. 107888
Park, S.M. *see* Toumazou, C. 73807
Park, S.S., Mackenzie, J.D. Thickness and microstructure effects on alcohol sensing of tin oxide thin films 89186
Park, S.S. *see* Cho, M.H. 100477
Park, S.W. *see* Lee, H.S. 87413
Park, S.Y. *see* Park, J.H. 105781
Park, T.H. *see* Kim, T.W. 105373
Park, T.K., Kim, S.K. Tritium: its generation and pathways to the environment at CANDU 6 generating stations 91302
Park, T.S., Knutson, E.O. Evaluation of radon progeny sampler efficiency 101457
Park, W. *see* Roh, T.M. 114303
Park, W. *see* Summers, C.J. 74162
Park, W. *see* Tong, W. 113301
Park, W. *see* Tran, T.K. 75714
Park, W. *see* Yang, T. 82683
Park, W.S. *see* Ahn, S.H. 85122
Park, Y., Kim, Y.H., Kim, H.G. The phase transition and microwave dielectric properties of tin modified zirconium titanate by melting process 113538
Park, Y., Kim, Y.H., Kim, H.G. The effect of grain size on dielectric behavior of BaTiO$_3$ based X7R materials 115416
Park, Y., Park, K.M., Song, I., Kim, H.-M. Blind channel identification and equalization from second-order statistics and absolute mean 117113
Park, Y. *see* Baumbaugh, B. 80030
Park, Y. *see* Marhic, M.E. 99602
Park, Y. *see* Marhic, M.E. 107553
Park, Y. *see* Marhic, M.E. 107611
Park, Y.-B., Kang, J.-K., Rhee, S.-W. Effect of N$_2$O/SiH$_4$ ratio on the properties of low-temperature silicon oxide films from remote plasma chemical vapour deposition 113427
Park, Y.-J. *see* Song, D. 74748
Park, Y.-K. *see* Feggeler, J.C. 78683
Park, Y.-K. *see* Feggeler, J.C. 88591
Park, Y.-M. *see* Kim, B.H. 71112
Park, Y.C., Sung, H.J., Youn, D.H. Adaptive eigenfilter implementing optimum MTI processor 109695
Park, Y.G. *see* Kim, H.G. 102613
Park, Y.J., Min, S.K., Hahn, S.H., Yoon, J.K. Application of an axial magnetic field to vertical gradient freeze GaAs single crystal growth 62753
Park, Y.J. *see* Mang, K.M. 63173
Park, Y.K., Nguyen, T.V., Mizuhara, O., Chen, C.D., Tzeng, L.D., Yeates, P.D., Heismann, F., Chen, Y.C., Ehrenberg, D.G., Feggeler, J.C. Field demonstration of 10 Gbit/s line-rate transmission on an installed transoceanic submarine lightwave cable 78685
Park, Y.K., Nguyen, T.V., Morton, P.A., Johnson, J.E., Mizuhara, O., Jeong, J., tzeng, L.D., Yeates, P.D., Fullowan, T., Sciortino, P.F., Sergent, A.M., Tsang, W.T., Yadvish, R.D. Dispersion-penalty-free transmission over 130-km standard fiber using a 1.55-μm, 10-Gb/s integrated EA/DFB laser with low-extinction ratio and negative chirp 99577
Park, Y.K., Un, C.K. On the generation and use of a parallel-branch subunit model in continuous HMM 86150
Park, Y.K., Un, C.K., Kwon, O.W. Modeling acoustic transitions in speech by modified hidden Markov models with state duration and state duration-dependent observation probabilities 108231
Park, Y.K. *see* Nuyts, R.J. 109666
Park, Y.K. *see* Sopori, B.L. 94289
Park, Y.K. *see* Tanbun-Ek, T. 78822
Park, Y.M., Hyun, S.H., Lee, J.H. Power system stabilizer based on inverse dynamics using an artificial neural network 80811
Park, Y.M., Kim, W. Discrete-time adaptive sliding mode power system stabilizer with only input/output measurements 121019
Park, Y.M. *see* Chung, M. 80031
Park, Y.S. *see* Kim, J.H. 84443
Park, Y.S. *see* Kim, S.H. 113460
Park, Y.W. *see* Epstein, A.J. 96022
Park, Y.W. *see* Park, J.Y. 107014
Park Aesoon *see* Aesoon Park
Park Byoungchoo *see* Byoungchoo Park
Park Byung Chul *see* Byung Chul Park
Park Byung Gook *see* Byung Gook Park
Park Byung K. *see* Byung K. Park
Park Byung Sun *see* Byung Sun Park
Park Chan Eung *see* Chan Eung Park
Park Chan Gyung *see* Chan Gyung Park
Park Chan Kwang *see* Chan Kwang Park
Park Chan Yong *see* Chan Yong Park
Park Chan-Kwang *see* Chan-Kwang Park
Park Chan-Yong *see* Chan-Yong Park
Park Chanbum *see* Chanbum Park
Park Chang-Min *see* Chang-Min Park
Park Chang-Wouk *see* Chang-Wouk Park
Park Chang-Yong *see* Chang-Yong Park
Park Chansik *see* Chansik Park
Park Cheol Hoon *see* Cheol Hoon Park
Park Cheol-Min *see* Cheol-Min Park
Park Cheon Seok *see* Cheon Seok Park
Park Chi-Son *see* Chi-Son Park
Park Chong Baek *see* Chong Baek Park
Park Chong Dae *see* Chong Dae Park
Park Chongdae *see* Chongdae Park
Park Choong Soo *see* Choong Soo Park
Park Chul-Soon *see* Chul-Soon Park
Park Chul-Won *see* Chul-Won Park
Park Dae-Gyu *see* Dae-Gyu Park
Park Dong Chul *see* Dong Chul Park
Park Dong Ho *see* Dong Ho Park
Park Dong-Jo *see* Dong-Jo Park
Park Dongwook *see* Dongwook Park
Park Duk-Kyu *see* Duk-Kyu Park
Park Eon Byung *see* Eon Byung Park
Park Geun Sook *see* Geun Sook Park
Park Gwan-Soo *see* Gwan-Soo Park
Park Gwang-Hoon *see* Gwang-Hoon Park
Park Gwi Tae *see* Gwi Tae Park
Park Gwi-Tae *see* Gwi-Tae Park
Park Gyeong-Lyong *see* Gyeong-Lyong Park
Park Hae Yong *see* Hae Yong Park
Park Hae-Sung *see* Hae-Sung Park
Park Haesun *see* Haesun Park
Park Han *see* Han Park
Park Han Kyu *see* Han Kyu Park
Park Han-kyu *see* Han-kyu Park
Park Han-Woong *see* Han-Woong Park
Park HanKyu *see* HanKyu Park
Park Hark Byeong *see* Hark Byeong Park
Park Hee Gap *see* Hee Gap Park

Park Hee Min *see* Hee Min Park
Park Hen Suh *see* Hen Suh Park
Park Heonchul *see* Heonchul Park
Park Heuk *see* Heuk Park
Park Heung-Joon *see* Heung-Joon Park
Park Heung-Woo *see* Heung-Woo Park
Park Heunggyu *see* Heunggyu Park
Park Ho-Jin *see* Ho-Jin Park
Park Hong Seong *see* Hong Seong Park
Park Hong-shik *see* Hong-shik Park
Park Hongjune *see* Hongjune Park
Park Hoon-Soo *see* Hoon-Soo Park
Park Hoonsoo *see* Hoonsoo Park
Park Hun-Sub *see* Hun-Sub Park
Park Hunsub *see* Hunsub Park
Park Hye-Sung *see* Hye-Sung Park
Park Hyeon Soo *see* Hyeon Soo Park
Park Hyeong Jun *see* Hyeong Jun Park
Park Hyo-Hoon *see* Hyo-Hoon Park
Park Hyuk Ryeol *see* Hyuk Ryeol Park
Park Hyuk-Ryeol *see* Hyuk-Ryeol Park
Park Hyun-Chul *see* Hyun-Chul Park
Park Hyung Ho *see* Hyung Ho Park
Park Hyung Moo *see* Hyung Moo Park
Park Hyung-Ho *see* Hyung-Ho Park
Park Hyung-Moo *see* Hyung-Moo Park
Park Hyung-Rae *see* Hyung-Rae Park
Park I-Jun *see* I-Jun Park
Park Il Jin *see* Il Jin Park
Park Il-Han *see* Il-Han Park
Park Ilhyun *see* Ilhyun Park
Park In Gyu *see* In Gyu Park
Park In Hag *see* In Hag Park
Park In-Gil *see* In-Gil Park
Park In-Shik *see* In-Shik Park
Park Inhag *see* Inhag Park
Park Jae Gwan *see* Jae Gwan Park
Park Jae Hyuk *see* Jae Hyuk Park
Park Jaehong *see* Jaehong Park
Park Jaehyun *see* Jaehyun Park
Park Jangyeon *see* Jangyeon Park
Park Jee Yeon *see* Jee Yeon Park
Park Jeong-Tae *see* Jeong-Tae Park
Park Jin Kyun *see* Jin Kyun Park
Park Jin Sik *see* Jin Sik Park
Park Jin Soo *see* Jin Soo Park
Park Jin Won *see* Jin Won Park
Park Jin Woo *see* Jin Woo Park
Park Jin-Won *see* Jin-Won Park
Park Jinah *see* Jinah Park
Park Jinwoo *see* Jinwoo Park
Park Jong Ae *see* Jong Ae Park
Park Jong Chul *see* Jong Chul Park
Park Jong Rak *see* Jong Rak Park
Park Jong T. *see* Jong T. Park
Park Jong Woo *see* Jong Woo Park
Park Jong-Keun *see* Jong-Keun Park
Park Jong-Tae *see* Jong-Tae Park
Park Jong-Wan *see* Jong-Wan Park
Park Jong-Woo *see* Jong-Woo Park
Park Jong-Wook *see* Jong-Wook Park
Park Jong-Young *see* Jong-Young Park
Park Jongpil *see* Jongpil Park
Park Joonbae *see* Joonbae Park
Park Joong Jo *see* Joong Jo Park
Park Joung-Man *see* Joung-Man Park
Park Ju Hyun, Shim Jae Sul, Kim Young Min Design of pitch parameter search architecture for a speech coder using dual MACs 109391
Park Jun-Seok *see* Jun-Seok Park
Park Jung Ho *see* Jung Ho Park
Park Jung Ki *see* Jung Ki Park
Park Jung Woo *see* Jung Woo Park
Park Jung-Bae *see* Jung-Bae Park
Park Jung-Heum *see* Jung-Heum Park
Park Jung-Ho *see* Jung-Ho Park
Park Jung-Hoo *see* Jung-Hoo Park
Park Jung-Hoon *see* Jung-Hoon Park
Park Jung-Rae *see* Jung-Rae Park
Park Jung-Won *see* Jung-Won Park
Park Kang Sik *see* Kang Sik Park
Park Kee-Hyun *see* Kee-Hyun Park
Park Kee-Tae *see* Kee-Tae Park
Park Keun Hyung *see* Keun Hyung Park
Park Ki-Cheol *see* Ki-Cheol Park
Park Ki-Heon *see* Ki-Heon Park
Park Ki-Ook *see* Ki-Ook Park
Park Ki-Sung *see* Ki-Sung Park
Park Kitae *see* Kitae Park
Park Kook-Sang *see* Kook-Sang Park
Park Kun Jong *see* Lee Ki Seung 66600
Park Kwang Ryang *see* Kwang Ryang Park
Park Kwon Chul *see* Kwon Chul Park
Park Kyoo Hong *see* Kyoo Hong Park
Park Kyoung Wan *see* Kyoung Wan Park
Park Kyoungwan *see* Kyoungwan Park
Park Kyu Tae *see* Kyu Tae Park
Park Kyung Su *see* Kyung Su Park
Park Kyung-Ho *see* Kyung-Ho Park
Park Kyungchul *see* Kyungchul Park
Park Mann Jang *see* Mann Jang Park
Park Moo Youn *see* Moo Youn Park
Park Moon Soo *see* Moon Soo Park
Park Moon-Ho *see* Moon-Ho Park
Park Moon-Soo *see* Moon-Soo Park
Park Moon-Won *see* Moon-Won Park
Park Mun-Kyu *see* Mun-Kyu Park
Park Myong-Soo *see* Myong-Soo Park
Park Nam Soo *see* Nam Soo Park
Park Namkyoo *see* Namkyoo Park
Park Po-Gyu *see* Po-Gyu Park
Park PooGyeon *see* PooGyeon Park
Park Rae-Hong *see* Rae-Hong Park
Park Sand Kyu *see* Sand Kyu Park
Park Sang Ho *see* Sang Ho Park
Park Sang Il *see* Sang Il Park
Park Sang Ki *see* Sang Ki Park
Park Sang Koo *see* Sang Koo Park
Park Sanggyu *see* Sanggyu Park
Park Sanghyun *see* Sanghyun Park
Park Sangjoon *see* Sangjoon Park
Park Se Il *see* Se Il Park
Park Se-Il *see* Se-Il Park
Park Se-Kyoung *see* Se-Kyoung Park
Park Seo Yeon *see* Seo Yeon Park
Park Seo-Yeon *see* Seo-Yeon Park
Park Seon Kyu *see* Seon Kyu Park
Park Seong Gyoon *see* Seong Gyoon Park
Park Seong Ill *see* Seong Ill Park
Park Seong Keun *see* Seong Keun Park
Park Seong-Ju *see* Seong-Ju Park
Park Seong-Kyu *see* Seong-Kyu Park
Park Seung Chang *see* Seung Chang Park
Park Seung Eek *see* Seung Eek Park
Park Seung Jong *see* Seung Jong Park
Park Seung-Jong *see* Seung-Jong Park
Park Siwoo *see* Siwoo Park
Park Soamyung *see* Soamyung Park
Park Soo Young *see* Soo Young Park
Park Soon Ja *see* Soon Ja Park
Park Soon Oh *see* Soon Oh Park
Park Sung Chan *see* Sung Chan Park
Park Sung Han *see* Sung Han Park
Park Sung Jun *see* Sung Jun Park
Park Sung Kyo *see* Sung Kyo Park
Park Sung-Bum *see* Sung-Bum Park
Park Sung-Kwon *see* Sung-Kwon Park
Park Sung-Kyun *see* Sung-Kyun Park
Park Sung-Wan *see* Sung-Wan Park
Park Sung-Wook *see* Sung-Wook Park
Park Sung-Yong *see* Sung-Yong Park
Park Sunghyuk *see* Sunghyuk Park
Park Sungju *see* Sungju Park
Park Sungjun *see* Sungjun Park
Park Sungsoo *see* Sungsoo Park
Park Sungtae *see* Sungtae Park
Park Tae-Keun *see* Tae-Keun Park
Park Tae-Kyung *see* Tae-Kyung Park
Park Wee Sang *see* Wee Sang Park
Park Wonkyu *see* Wonkyu Park
Park Yang-Woo *see* Yang-Woo Park
Park Yong-Chul *see* Yong-Chul Park
Park Yong-Hwan *see* Yong-Hwan Park
Park Yong-Jik *see* Yong-Jik Park
Park Yong-Wan *see* Yong-Wan Park
Park Yonug-Moon *see* Yonug-Moon Park
Park Youn Soo *see* Youn Soo Park
Park Young June *see* Young June Park
Park Young Min *see* Young Min Park
Park Young Tae *see* Young Tae Park
Park Young-Bae *see* Young-Bae Park
Park Young-Ho *see* Young-Ho Park
Park Young-June *see* Young-June Park
Park Young-Moon *see* Young-Moon Park
Park Young-Tae *see* Young-Tae Park
Park Yung *see* Yung Park
Parka, J. *see* Miniewicz, A. 107623
Parke, R. *see* Lang, R.J. 75995
Parke, R. *see* Waarts, R.G. 100193
Parke, S.A. *see* Kirihata, T. 61897
Parke, S.A. *see* Kirihata, T. 93380
Parker, A., Scott, J., Rathmell, J., Sayed, M. Determining timing for isothermal pulsed-bias S-parameter measurements 100294
Parker, A. *see* Mabbitt, A. 89192
Parker, A. *see* Qu, G. 84487
Parker, A. *see* Scott, J. 69005
Parker, A.E. A realistic large-signal MESFET model for SPICE 95055
Parker, A.E. *see* Passiopoulos, G. 61656
Parker, A.E. *see* Webster, D.R. 73732
Parker, A.W. *see* Matousek, P. 76178
Parker, B. *see* Selinger, M. 92068
Parker, B. *see* Widmer, A. 78352
Parker, C. *see* Zhang, K.X. 63718
Parker, C.F., Sykulski, J.K., Taylor, S.C., Biddlecombe, C.S. Parametric environment for EM computer aided design 71251
Parker, C.F. *see* Biddlecombe, C.S. 93974
Parker, C.J., Morrison, I.F., Sutanto, D. Application of an optimisation method for determining the reactive margin from voltage collapse in reactive power planning 102004
Parker, C.J., Morrison, I.F., Sutanto, D. Application of an interior point optimisation method for determining the reactive margin from voltage collapse in reactive power planning 102031
Parker, C.U. Transients vs. electronic circuits. IV. Ferrites for EMI suppression 107947
Parker, D. Signal integrity tools for high-speed design [PCBs/MCMs] 93997
Parker, D. Interconnects and transmission lines in high-speed design 94006
Parker, D. *see* Aguilera, A. 89273
Parker, D. *see* Chen, W. 112993
Parker, D. *see* Panaretos, S. 97365
Parker, D.A., Parhi, K.K. Area-efficient parallel FIR digital filter implementations 104709
Parker, D.A. *see* McConochie, S.R. 106562
Parker, D.A. *see* Por, P.T. 106487
Parker, D.A. *see* Walmsley, N.S. 64179
Parker, D.A. *see* Walmsley, N.S. 106578
Parker, D.F. Dark/bright solitary waves for coupled nonlinear systems 65464
Parker, D.F. *see* Buryak, A.V. 76135
Parker, D.J. *see* Sabounghi, R.L. 99290
Parker, D.L. *see* Du, Y.P. 69993
Parker, D.L. *see* Jessing, J.R. 73986
Parker, D.L. *see* Jessing, J.R. 83695
Parker, D.W. *see* Van Berkel, C. 100219
Parker, E., Narayanan, M. Quality control 103500
Parker, E.A., Stanley, A. Dual-polarized narrow-bandpass frequency-selective surfaces 117074
Parker, E.A. *see* Sobhy, M.I. 66111
Parker, E.H.C. *see* Khizhny, V.I. 94474
Parker, E.H.C. *see* Tang, Y.S. 62922
Parker, E.H.C. *see* Tang, Y.S. 63001
Parker, F.J. Transfer of the technology for the Unipak and Flowpak induction motor product ranges–an exercise in international co-operation 81475
Parker, F.T. *see* Wan, H. 64191
Parker, G.A. *see* Massey, W.A. 98434
Parker, G.J. A theoretical study of the performance of an axial flow turbine for a microhydro installation 71173
Parker, G.J. *see* Ashburn, P. 63583
Parker, G.J. *see* Ashburn, P. 63603
Parker, G.J. *see* Hashim, M.D.R. 94920
Parker, G.J. *see* Lau, H.W. 94248
Parker, I.D. *see* Davids, P.S. 116257
Parker, J. *see* Deis, G. 106719
Parker, J. *see* McAndrew, C. 63627
Parker, J. *see* McAndrew, C.C. 115157
Parker, J.E. *see* Current, K.W. 106190
Parker, J.E., Jr., Lyons, J.J., III Development of optically flat mirrors using graphite/epoxy laminates 70326
Parker, J.L., Jr. Shelf life and durability testing of OSP coated printed wiring boards 94082
Parker, J.L., Jr. *see* Ochoa, E. 94093
Parker, J.S. The Internet and the water and sanitation sector 109008
Parker, J.W., Perryman, R. A neural network based fault diagnosis architecture for a brushless drive network 103077
Parker, J.W. *see* Walter, A.E. 89458
Parker, K. Communications trends 67633
Parker, K.J. *see* Alam, S.K. 80337
Parker, K.J. *see* Ashton, E.A. 90338
Parker, K.J. *see* Chen, C.W. 87157
Parker, K.J. *see* Chen, L. 90459
Parker, K.J. *see* Fung, H.T. 86518
Parker, K.J. *see* Fung, H.T. 86537
Parker, K.J. *see* Jiebo Luo 98807
Parker, K.J. *see* Jiebo Luo 108498
Parker, K.J. *see* Luo, J. 90273
Parker, K.J. *see* Sun, Z. 97868
Parker, K.J. *see* Tamez-Pena, J.G. 90456
Parker, K.J. *see* Yao, M. 86932
Parker, K.J. *see* Yao, M. 86933
Parker, K.J. *see* Yao, M. 87222
Parker, M., Ryan, J. Finding the minimum weight IIS cover of an infeasible system of linear inequalities 113190
Parker, M.A., Kimmet, J.S., Michalak, R.J., Wang, H.S., Shire, D.B., Tang, C.L., Drumheller, J.P. Accurate electron-cyclotron-resonance etching of semiconductor laser heterostructures using a simple laser reflectometer 63386
Parker, M.A., Michalak, R.J., Kimmet, J.S., Pirich, A.R., Shire, D.B. Etched-surface roughness measurements from an in situ laser reflectometer 110360
Parker, M.A. *see* Barmak, K. 64294
Parker, M.A. *see* Borchers, J.A. 64356
Parker, M.C., Mears, R.J. Digital holographic tuning mechanism for WDM 68361
Parker, M.C., Mears, R.J. Digitally tunable wavelength filter and laser 88606
Parker, M.R. *see* Fujiwara, H. 75132
Parker, M.R. *see* Klemmer, T.J. 115639
Parker, M.R. *see* Miles, J.J. 115840
Parker, M.R. *see* Nishioka, K. 64373
Parker, P., Kelly, M., Hains, S. How competition will change management strategies of telecommunications operators 87535
Parker, P., Owen, A., Myles, A. Future directions for telecommunications in Thailand 87548
Parker, P.A. *see* Parsa, V. 90547
Parker, R.K. *see* Choi, J.J. 62615
Parker, T.E. *see* Andres, D. 106415
Parker, T.J. *see* Mamun, A.Z. 63085
Parker, W.H. Electromagnetic interference: a tutorial 85892
Parker, W.P. Commercial applications of diffractive switched optical elements (SOE's) 96838
Parkerson, J. *see* Lenihan, T. 114479
Parkerson, J.P., Schaper, L.W. Advanced interconnected mesh power system (IMPS) MCM topologies 62529
Parkes, A.P. *see* Butler, S. 86623
Parkes, C., Mitchell, S.J.N., Armstrong, B.M., Gamble, H.S., Ling, E.T.G. Welded silicon for power electronic devices 84063
Parkhomchuk, V. *see* Dikansky, N. 89593
Parkhomenko, Yu.N. *see* Andrienko, V.B. 75888
Parkhomenko, Yu.N. *see* Galkin, O.N. 107446

Parkhutik, V.P. Residual electrolyte as a factor influencing the electrical properties of porous silicon 94295
Parkin, P. *see* Bian, X. 64232
Parkin, R.M., Jackson, M.R. A mechatronic approach for analysing timber surfaces 103482
Parkin, S.H., Refling, J.P. A database program to archive and analyze current weather data 120785
Parkin, S.S.P. *see* Farrow, R.F.C. 106576
Parkinson, B. *see* Lawrence, D. 68772
Parkinson, B.W. *see* Barrows, A.K. 120606
Parkinson, B.W. *see* Cohen, C.E. 70392
Parkinson, B.W. *see* Cohen, C.E. 79077
Parkinson, B.W. *see* Kee, C. 68324
Parkinson, B.W. *see* Pervan, B.S. 70404
Parkinson, B.W. *see* Pervan, B.S. 79058
Parkinson, B.W. *see* Pullen, S.P. 68773
Parkinson, H. Design for test [PCBs] 94013
Parkinson, T. *see* Amin, A. 66891
Parkinson, W. *see* Oehlberg, R.N. 71047
Parkinson, W. *see* Rahn, F.J. 71054
Parkkinen, J. *see* Lenz, R. 98018
Parks, C. *see* Shapiro, M.J. 92818
Parks, C. *see* Tsuchiaki, M. 94776
Parks, D. *see* Weinstein, R. 115967
Parks, G., Linton, D., Brennan, M., Stewart, J.A.C., Fusco, V.F. Expert system issues related to monolithic microwave integrated circuit design 62311
Parks, G. *see* Robinson, J. 62359
Parks, G.S. *see* Choi, J.J. 62615
Parks, G.T. Multiobjective pressurized water reactor reload core design by nondominated genetic algorithm search 121314
Parks, H.G. *see* Jeon, J.S. 114966
Parks, H.G. *see* Wang, X. 83998
Parks, H.R., Pitts, J.T. The least-gradient method for computing area minimizing hypersurfaces spanning arbitrary boundaries 60942
Parks, J. *see* Backhouse, C.J. 92825
Parks, M.A.N., Butt, G., Willis, M.J., Evans, B.G. Wideband propagation measurements and results at L- and S-bands for personal and mobile satellite communications 85860
Parks, T.W. *see* Jie Liang 77034
Parkun, V.N. *see* Tamelo, A.A. 73817
Parkvall, S., Ottersten, B., Strom, E.G. Sensitivity analysis of linear DS-CDMA detectors to propagation delay estimation errors 88093
Parkvall, S., Strom, E., Ottersten, B. The impact of timing errors on the performance of linear DS-CDMA receivers 118789
Parkvall, S. *see* Strom, E.G. 119023
Parlak, M., Ercelebi, C., Guenal, I., Oezkan, H., Gasanly, N.M. Anisotropy of electrical resistivity and hole mobility in InTe single crystals 114663
Parlangeli, A. *see* Pellegrini, V. 76111
Parlati, S. *see* Baldini, A. 62650
Parlett, B.N. Invariant subspaces for tightly clustered eigenvalues of tridiagonals 103754
Parlitz, U., Kocarev, L. Multichannel communication using autosynchronization 67509
Parlitz, U., Kocarev, L., Stojanovski, T., Preckel, H. Encoding messages using chaotic synchronization 66539
Parlitz, U. *see* Kocarev, L. 86111
Parlitz, U. *see* Kocarev, L. 108096
Parlos, A.G. *see* Toliyat, H.A. 102689
Parlour, D. *see* Fawcett, B. 113856
Parma, P. *see* Dusi, W. 90174
Parma, V. Systems for centralized management and control of public transport service 99322
Parman, R. *see* Calvin, H. 106718
Parman, R. *see* Deis, G. 106719
Parman, R. *see* Thomassen, K. 64565
Parmentier, B. *see* Hernandez, R. 112953
Parmeter, J.E. *see* Vartuli, C.B. 84133
Parmiggiani, F. *see* Baraldi, A. 77503
Parmiggiani, F. *see* Baraldi, A. 111140
Parmiter, P. *see* Masum, J. 115168
Parmiter, P. *see* Pignon, D. 64848
Parmon, V.N. *see* Smirnov, E.I. 79558
Parmonen, J.M. *see* Lhersonneau, G. 80145
Parneix, J.P., Vigneras-Lefebvre, V., Pessan, F., Defos du Rau, M. Electromagnetic scattering from heterogeneous media. A comparison between numerical computations and experimental results 97027
Parneix, J.P. *see* Defos du Rau, M. 65771
Parng, T.-M. *see* Lee, C.-S. 98781
Parng Tai-Ming *see* Tai-Ming Parng
Parnham, K. *see* Turner, T.O. 101019
Parnham, K.B. Recent progress in $Cd_{1-x}Zn_xTe$ radiation detectors 110577
Parnham, K.B., Eissler, E.E., Jovanovic, S., Lynn, K.G. A study of the timing properties of $Cd_{0.9}Zn_{0.1}Te$ 100830
Parnham, K.B. *see* Sudharsanan, R. 90157
Parnham, K.B. *see* Tumer, T.O. 80066
Parniani, M. *see* Iravani, M.R. 91033
Parnklang, J., Titiroongruang, W., Supadech, S., Kurosu, T., Iida, M. Electrical characteristics of Au doped Si CMOS FETs without isolation layer 63736
Parodi, G., Ponta, D., Scapolla, A.M., Taini, M. Cooperative and distance learning in electronics using Internet 112798
Parodi, M. *see* Cincotti, S. 73896
Parodi, M.L., Batchelder, W.T., McKibben, J., Haaland, P.D. Developments and trends in polymer coating technologies for flat-panel-display manufacturing 89456
Parodi, P. The complexity of understanding line drawings of Origami scenes 87194
Parodi, R. *see* Fabbricatore, P. 90191
Parodi, R. *see* Fabbricatore, P. 95555
Parodia, P. *see* Piccioli, G. 77203
Paromtchik, I.E., Laugier, C. Motion generation and control for parking an autonomous vehicle 89579
Paroth, V. *see* Homburg, D. 97166
Parpal, J.-L., Awad, R., Choquette, M., Becker, J., Hiivala, L., Chatterjee, S., Kojima, T., Rosevear, R.D., Morelli, O. Successful testing of 345-kV XLPE cables and premolded joints at IREQ 121168
Parpal, J.-L. *see* Chinh Dang 70906
Parpal, J.-L. *see* David, E. 64110
Parpart, J.Von *see* Von Parpart, J.
Parpiev, O.R. *see* Bakhramov, S.A. 75889
Parpiev, T.K. *see* Mamadalimov, A.T. 62785
Parra, H.Zelaya de La *see* Zelaya de La Parra, H.
Parra, H.Zelaya-De La *see* Zelaya-De La Parra, H.
Parra, I., Xu, G., Liu, H. A least squares projective constant modulus approach 99167
Parra, T. *see* Plana, R. 83408
Parra, T. *see* Zanchi, C. 62308
Parra, T. *see* Zanchi, C. 93865
Parra-Loera, R. *see* Erives, H. 117640
Parrat, Y., Hajdas, W., Baltensperger, U., Synal, H.A., Kubik, P.W., Suter, M., Gaeggeler, H.W. Cross section measurements of proton induced reactions using a gas target 100793
Parrazales, R.U., Tapia, M.A.P., De Luca, A. A fuzzy logic controller applied to a d.c. motor 102733
Parrazales, R.U. *see* Partida, M.A. 83190
Parreno, A. *see* Munoz, J. 110347
Parretta, A. *see* Addonizio, M.L. 61431
Parriaux, O., Sychugov, V.A., Tishchenko, A.V. Coupling gratings as waveguide functional elements 85069
Parriaux, O. *see* Sychugov, V.A. 75529
Parrilla, M. *see* Fritsch, C. 111394
Parrillo, L.C. Advanced technology challenges for high-performance microprocessor applications 83144
Parrinello, M. *see* Lamoen, D. 105456
Parrini, G. *see* Mours, B. 100821
Parrini, G. *see* Mours, B. 120196
Parris, C., Zhang, H. Dynamic rerouting of guaranteed quality of service connections 77800
Parris, C.J. Using SNMP to manage guaranteed performance connections 77874
Parris, P. *see* Denton, H. 105644
Parris, P.K., Mukherjee, D., Hogarth, C.A. PbTe infrared focal plane arrays for thermal imaging applications 110208
Parrish, G., Felts, B. Digital video decoding 67215
Parrott, J.E. Thermodynamic theory of transport processes in semiconductors 62659
Parry, J., Rosten, H., Kromann, G.B. The development of component-level thermal compact models of a C4/CBGA interconnect technology: the Motorola PowerPC 603™ and PowerPC 604™ RISC microprocessors 113993
Parry, M.H. *see* Weatherley, J.W. 81112
Parsa, K. Simulation of the B-CDMA overlay capacity with random traffic 118845
Parsa, K., Ghassemzadeh, S. B-CDMA overlay forward link and reverse link capacity based on random traffic and a new CDMA call blocking model 88159
Parsa, V., Parker, P.A., Scott, R.N. Performance analysis of a crosstalk resistant adaptive noise canceller 90547
Parshin, E.O. *see* Bresler, M.S. 75720
Parshin, V.V. *see* Dryagin, Y.A. 110344
Parshin, Y.N. Investigation of the stability of adaptive tuning of the parameters of phase synchronization 117464
Parshukov, V.A., Zrazhevsky, A.Yu., Novichikhin, Ye.P. Effect of atmospheric border layer on trajectory parameters of electromagnetic waves 76426
Parsi, K., Rao, N., Burns, R., Chaiken, A., Chambers, M., Cheung, R., Forni, B., Harnishfeger, D., Jam, C., Kaylor, S., Pennell, M., Perez, J., Rohrbaugh, M., Ross, M., Stuhlmiller, G., Weiner, N. A 200 Mb/s PRML read/write channel IC 75263
Parson, P.T., Johnson, A.S. Enhancing learning in children's literature with multimedia 98863
Parsons, B. *see* Hwang, C. 90749
Parsons, B. *see* Li-Qun Gu 106903
Parsons, C. *see* Nolting, E. 69899
Parsons, D., Kazmierski, T. Object oriented schematic capture for circuit simulation 61534
Parsons, D.J. The impact of gigabit networks and why stop there? 77839
Parsons, E. *see* Dilmanian, F.A. 90434
Parsons, E. *see* Nicolosi, J.F. 81248
Parsons, J.D. *see* Chung, Y.H. 109453
Parsons, J.D. *see* Davis, P.R. 73952
Parsons, J.D. *see* Leather, P.S.H. 78468
Parsons, K.J., Wilkinson, R.J., Kenington, P.B. A highly-efficient linear amplifier for satellite and cellular applications 78603
Parsons, K.J. *see* Kenington, P.B. 73121
Parsons, R.R. *see* Daoyang Huang 106917
Parsons, S.G., Ward, M.R. The influence of regulation on marginal factor cost: Access markets in U.S. telecommunications 109263
Partain, D. An introduction to SNMPv2* 77718
Partanen, J. *see* Havunen, I. 82127
Partanen, J. *see* Jarventausta, P. 102096
Partanen, J. *see* Karenlampi, M. 102118
Partanen, J. *see* Keikko, T. 102331
Partanen, J. *see* Paulasaari, H. 102103
Partanen, J. *see* Verho, P. 70898
Partanen, J. *see* Verho, P. 102097
Partanen, J.P. Lasers and optics in stereolithography 107660
Partanen, J.P. *see* Biaggio, I. 106747
Partanen, J.P. *see* Tang, N. 96653
Partee, C., Torabi, A.F. Track profile study of ABS-patterned narrow track thin film inductive heads 115664
Partee, J. *see* Greenham, N.C. 75764
Parthasaradhy, N.V. *see* Ananth, M.V. 115540
Parthasarathy, A. *see* Narayanan, R. 84428
Parthasarathy, D.S. *see* Wong, J.S. 78198
Parthasarathy, K. *see* Ananthapadmanabha, T. 101987
Parthasarathy, K. *see* Ananthapadmanabha, T. 102061
Parthasarathy, K. *see* Bansilal 80825
Parthasarathy, K. *see* Thukaram, B.D. 111469
Parthasarathy, M. *see* Venkatesh, Y.V. 87138
Parthasarathy, T. *see* Rao, P.N.A.P. 76470
Parthasarathy, V. *see* Elasser, A. 63685
Parthasarathy, V. *see* Shen, Z. 63705
Parthenios, J. *see* Persephonis, P. 104990
Parthenios, J. *see* Persephonis, P. 107092
Parthier, L., Wissmann, H., von Ortenberg, M. Strain relaxation in selectively grown ZnSe-epilayers on patterned GaAs-substrates 74170
Partida, M.A., de Luca, A., Delgado-Frias, J.G., Goddard, J., Parrazales, R.U. High precision programmable adaptive digital frequency multiplier 83190
Partlan, M. *see* Odyniec, G. 120158
Partlan, M.D. *see* Walton, J.T. 110556
Parton, K. *see* Acha, E. 91161
Partovi, A. *see* Canoglu, E. 85671
Partovi, A. *see* Smith, S.L. 75576
Partovi, H., Burd, R., Salim, U., Weber, F., DiGregorio, L., Draper, D. Flow-through latch and edge-triggered flip-flop hybrid elements 73251
Partovi, M.H. *see* Gharavi, H. 117585
Partridge, B. *see* Mandolesi, N. 99703
Partridge, B. *see* Smoot, G.F. 99702
Partridge, M.G., Jabri, M.A. Gene recognition using template trees 117611
Parui, S.K. *see* Chaudhuri, A.R. 87045
Parui, S.K. *see* Chaudhuri, A.R. 97946
Parulekar, M., Makowski, A.M. Tail probabilities for a multiplexer with self-similar traffic 87361
Parulekar, R. *see* Chellappa, R. 98329
Parulkar, G. *see* Adiseshu, H. 118124
Parulkar, G.M. *see* Buddhikot, M.M. 118599
Parulkar, G.M. *see* Cranor, C.D. 118592
Parulkar, G.M. *see* Gong, F. 117260
Parulkar, I., Gupta, S.K., Breuer, M.A. Lower bounds on test resources for scheduled data flow graphs 83063
Parulski, K., Jameson, P. Enabling technologies for a family of digital cameras 100130
Parulski, K., McGarvey, J., Noble, S., Jameson, P., Chang, W. A family of digital cameras using still optimized sensors 89149
Parus, R. *see* Perbet, J.N. 90710
Parusov, V.V. *see* Ovchinnikov, B.M. 119788
Paruthimal Kalaignan, G., Umaprakatheeswaran, C., Muralidharan, B., Gopalan, A., Vasudevan, T. Electrochemical behaviour of addition agents impregnated in cadmium hydroxide electrodes for alkaline batteries 112275
Parvall, S. *see* Strom, E.G. 77696
Parviainen, J.K. *see* Hamalainen, M.K. 64168
Parvin, P. *see* Saliminia, A. 65029
Parvis, M. *see* Carullo, A. 69092
Parvis, M. *see* Carullo, A. 90850
Parvis, M. *see* Carullo, A. 110355
Parvis, N. *see* Carullo, A. 111698
Parvitte, B. *see* Delahaigue, A. 70516
Parygin, V., Vershoubskiy, A. Collinear diffraction of light on ultrasound under the conditions of strong interaction 85152
Paryjczak, T. *see* Kocemba, I. 63094
Parys, H.Van *see* Van Parys, H.
Parys, P. *see* Woryna, E. 110530
Parzen, G. Linear orbit parameters for the exact equations of motion 89814
Parzen, G. Tune modulation due to synchrotron oscillations and chromaticity, and the dynamic aperture 89815
Parzen, G. Normal mode tunes for linear coupled motion in six dimensional phase space 89816
Pas, H.Ten *see* Ten Pas, H.
Pas, R.van der *see* van der Pas, R.
Pasaribu, D.P. An investigation of textural characteristic for geological purposes 111115
Pasaribu, D.Pahala *see* Pahala Pasaribu, D.
Pascal, D. *see* Usai, P. 99138
Pascal, F. *see* Podlecki, J. 79433
Pascal, J.-C., Carniel, X., Chalvidan, V., Smigielski, P. Determination of phase and magnitude of vibration for energy flow measurements in a plate using holographic interferometry 76273

Pascal, O., Lemaitre, F., Soum, G. Paraxial approximation effect on a dielectric interface analysis 76553
Pascal, O., Lemaitre, F., Soum, G., Fontaine, L. Analysis of a dielectric interface by development on a multimodal base of Gaussian beams 66002
Pascal-Delannoy, F. *see* Podlecki, J. 79433
Pascale, M.P.De *see* De Pascale, M.P.
Pascanu, S. *see* Minea, R. 100762
Pascasio, A.A., Praeger, C.E., Raposa, B.P. On the characterisation of AG(n,q) by its parameters as a nearly triply regular design 72478
Pascazio, V. *see* Isernia, T. 66973
Pascazio, V. *see* Isernia, T. 109698
Pascazio, V. *see* Isernia, T. 120719
Pascazio, V. *see* Leone, G. 85966
Pasch, T. *see* Buhrer, A. 90474
Pasch, T. *see* Stegmaier, P. 120530
Paschal, C.B. *see* Schreiner, S. 101199
Paschalis, A. *see* Gaitanis, N. 61772
Paschalis, A. *see* Gaitanis, N. 104423
Paschalis, A. *see* Gizopoulos, D. 61767
Paschalis, A. *see* Gizopoulos, D. 61816
Paschalis, A. *see* Kostarakis, P. 119006
Paschalis, A. *see* Voyiatzis, I. 61771
Paschalis, A. *see* Voyiatzis, J. 83095
Pasche, B. *see* Lebet, J.P. 70212
Pascher, W.W. *see* van Dam, C. 106833
Paschos, G., Valavanis, K.P. A color texture based visual monitoring system for automated surveillance 88930
Paschos, G. *see* Valavanis, K.P. 108483
Paschos, V.Th. *see* Demange, M. 103709
Paschotta, R. *see* Schiller, S. 76149
Pascoe, C. *see* Clayton, P. 77911
Pascoe, T., Lawrence, G. Are intruder alarm systems effective as crime prevention measures? 112839
Pascoli, S.D. *see* Vetuli, A. 113836
Pascoli, S.Di *see* Di Pascoli, S.
Pascone, R., Vullo, T., Tankhiwale, A., Cahill, P.T. Performance comparison of 8, 16 and 32 column RF birdcage resonators 101147
Pascua, D. *see* Wojtowicz, M. 105905
Pascual, C.M. *see* Badenes, J. 66092
Pascual, E. *see* Costa, J. 94263
Pascual, I. *see* Belendez, A. 115991
Pascual, I. *see* Fimia, A. 96779
Pascual, I. *see* Fuentes, R. 96792
Pascual, J. *see* Alsina, F. 72795
Pascual, J. *see* Zekentes, K. 113319
Pasechnik, Yu.A. *see* Mel'nichuk, A.V. 105155
Pasgalev, A.S. *see* Alexandrov, E.B. 64833
Pashchenko, L.P., Barboza-Flores, M. A method for evaluating TLD signal changes caused by climatic and other factors in environmental measurements 110997
Pashchenko, V.V. *see* Fil'chikov, V.A. 79391
Pashevich, D.V. *see* Pashevich, V.I. 121292
Pashevich, V.I., Pashevich, D.V., Balogi, P., Boganch, J., Tilki, P. Experience in operating VVER-440 (V-213) power units at the Paks Nuclear Power Station using hydrazine water chemistry 121292
Pashinin, P.P. *see* Ilichev, N.N. 106756
Pashkevich, V., Ketolainen, P., Salminen, O. Holographic self-amplification in amorphous As-Se semiconductor films 96762
Pashkevich, V.V. *see* Apanasovich, V.V. 106959
Pashkin, Yu.A. *see* Kuzmin, L.S. 63815
Pashko, D.A., Pyt'ev, Yu.P., Sarvazyan, A.P., Skovoroda, A.R. On the ultimate potentialities of classification of pathologies in the problems of diagnostics of breast cancer 110661
Pashley, M. *see* Baude, P.F. 65244
Pashley, M.D. *see* Marshall, T. 92746
Pashtan, A., Cimet, I.A. The CLU mobility management scheme for digital cellular systems 119004
Pasik, M.F., Aguirre, G., Cangellaris, A.C. Application of the PML absorbing boundary condition to the analysis of patch antennas 97370
Pasini, G. *see* Mirri, D. 110055
Paskaleva, A. *see* Atanassova, E. 74584
Paskauskas, J. *see* Ciplys, D. 85163
Pasko, J.G. *see* Motamedi, M.E. 100116
Pasko, M., Walczak, J. Power theory and technique of minimization of higher harmonics 101739
Pasko, M. *see* Topor-Kaminski, L. 93572
Paskova, T., Valcheva, E., Yakimova, R. Antimony doped GaAs: role of the isoelectronic dopant in defect evolution 84091
Paslaski, J. *see* Marshall, W.K. 65178
Paslaski, J. *see* Marshall, W.K. 119254
Pasman, R. *see* Ouellette, F. 105754
Pasmanik, G. *see* Andreev, N. 85697
Pasoli, A. *see* Foroni, R. 110670
Pasotti, C. *see* Fabris, A. 100659
Pasotti, C. *see* Svandrlik, M. 100632
Pasotti, M. *see* Gerna, D. 104737
Pasotti, M. *see* Tomasini, A. 79542
Pasqua, P.N. Power supply procurement, defining the value of your supplier, total cost of ownership 71405
Pasquale, F.Di *see* Di Pasquale, F.
Pasquale, J. *see* Fall, K. 118529
Pasquale, J.C. *see* Kompella, V.P. 78217
Pasquale, M., Bertotti, G. Application of the dynamic Preisach model to the simulation of circuits coupled by soft magnetic cores 115844
Pasquali, P. *see* Goblirsch, W. 120685
Pasquali, P. *see* Small, D. 111081
Pasquali, R. *see* Marsan, M.A. 117995
Pasqualin, A. *see* Foroni, R. 110670
Pasqualino, C.R., Abbe, B.S., Dixon, F. National security/emergency preparedness and disaster recovery communications via ACTS 109583
Pasqualotto, R. *see* Sardella, A. 79530
Pasquarella, G. *see* Reichert, K. 91784
Pasquarello, A. *see* Holtz, P.O. 62743
Pasquariello, G. *see* Blonda, P. 110766
Pasquariello, G. *see* Mattia, F. 120728
Pasquet, D. *see* Boudiaf, A. 62295
Pasquet, D. *see* LeFrancois, S. 110343
Pasquet, D. *see* Ouslimani, A. 73723
Pasquiers, S. *see* Doussiet, F. 107052
Pasquinelli, M. *see* Simon, J.J. 114565
Pasquinelli, R.J. Bunched beam cooling for the Fermilab Tevatron 100516
Passaggio, F. *see* Anguita, D. 66903
Passaggio, F. *see* Carrato, S. 108629
Passaggio, S., Jones, R.T. Charged K identification with the Jetset RICH 69725
Passard, M., Pauly, A., Germain, J.P., Maleysson, C. Influence of NO_2 on the electrical conductivity of lutetium phthalo-naphthalocyanine thin films 114665
Passari, L. *see* Adegboyega, G.A. 105127
Passari, L. *see* Benati, A. 121897
Passariello, G. *see* Silva, J. 101386
Passaro, A. *see* Abe, N.M. 107739
Passaro, A. *see* Brodskyn, H.O. 102262
Passaro, V.M., Armenise, M.N. Modeling of guided-wave acoustooptic multifrequency interaction in Bragg regime 95886
Passaro, V.M.N., Armenise, M.N. CAD techniques for electronic and optoelectronic devices and circuits 85160
Passaro, V.M.N., Armenise, M.N., Matteo, A.M. Design and performance of GaAs guided-wave spectrum analyzer based on heterodyning detection 116089
Passaro, V.M.N. *see* Savatinova, I. 95734
Passas, N., Merakos, L. A graceful degradation method for congestion control in wireless personal communication networks 109424
Passaseo, A. *see* Di Dio, M. 83945
Passaseo, M. *see* Baldanza, C. 100919
Passchier, E. *see* Zhou, Z.-L. 110536
Passchier, I. *see* Zhou, Z.-L. 110536
Passeggi, M.C.G., Jr., Vaquila, I., Vidal, R., Ferron, J. Chemical reactivity of alkali-semiconductor interfaces: the case of K/GaAs(110) and K/Si(100) interfaces 74476
Passelergue, J.C. *see* Besanger, Y. 70838
Passenberg, W. *see* Arps, M. 106058
Passenberg, W. *see* Bach, H.-G. 63763
Passenberg, W. *see* Schlaak, W. 96070
Passenberg, W. *see* Schramm, C. 78655
Passeraub, P.A., Besse, P.-A., Popovic, R.S. Scaling down an inductive proximity sensor 88980
Passeri, P., Aureli, G., Mariconda, A. Evolution of Telecom Italia's network 98922
Passerini, C., Frullone, M., Missiroli, M., Riva, G. Performance of adaptive antenna arrays for wideband wireless indoor communications 118966
Passerini, C. *see* Corazza, G.E. 97108
Passerini, C. *see* Frullone, M. 109494
Passerini, S., Le, D.B., Foong, H.C., Owens, B.B., Smyrl, W.H. Spin coated V_2O_5 xerogel thin films as hosts for lithium insertion 81683
Passerini, S. *see* Le, D.B. 81684
Passerini, S. *see* Owens, B.B. 81681
Passerini, S. *see* Tipton, A.L. 81697
Passey, K.J. *see* Lidgey, S.M.I. 111939
Passi, R.M., Kent Goodrich, R., Limber, M., Derber, J.C. A convolution algorithm with application to data assimilation 97661
Passier, M.L., Snieder, R.K. Using differential waveform data to retrieve local S velocity structure or path-averaged S velocity gradients 70445
Passiopoulos, G., Webster, D.R., Parker, A.E., Haigh, D.G. Nonlinear common source MESFET behaviour and model validation 61656
Passlack, M., Hong, M., Mannaerts, J.P. C-V and G-V characterization of in-situ fabricated Ga_2O_3-GaAs interfaces for inversion/accumulation device and surface passivation applications 84001
Passlack, M., Hong, M., Mannaerts, J.P., Kwo, J.R., Tu, L.W. Recombination velocity at oxide-GaAs interfaces fabricated by in situ molecular beam epitaxy 74485
Passlack, M., Minghwei Hong, Mannaerts, J.P., Opila, R.L., Fan Ren Thermodynamic and photochemical stability of low interface state density Ga_2O_3-GaAs structures fabricated by in situ molecular beam epitaxy 84012
Passlack, M. *see* Hong, M. 84029
Passler, J.M. *see* Grechenig, W. 80200
Passman, C., Ermert, H. A 100-MHz ultrasound imaging system for dermatologic and ophthalmologic diagnostics 90370
Passmore, K.T. *see* Estrera, J.P. 74080
Passmore, S.J. *see* Unewisse, M.H. 69149
Passoni, D. *see* Timo, G. 61266
Passos, N.L., Sha, E.H.-M. Synchronous circuit optimization via multidimensional retiming 83029
Passos, N.L., Sha, E.H.-M. A parameterized index-generator for the multi-dimensional interleaving optimization 95114
Passow, M. *see* Brake, M.L. 60472
Passuello, D. *see* Avanzini, C. 90225
Passuello, D. *see* Avanzini, C. 100959
Passuello, D. *see* Belforte, S. 90230
Passuello, D. *see* Belforte, S. 100984
Passy, R., von der Weid, J.P. Jaggedness free C-OFDR for optical components characterization 99592
Passy, R. *see* Mussi, G. 69528
Passy, R. *see* Saavedra, A.A. 96418
Passy, R. *see* von der Weid, J.P. 96393
Pasterkamp, G., Van Der Heiden, M.S., Post, M.J., Borst, C., Gussenhoven, E.J., Pieterman, H., Van Urk, H., Bom, N. Discrimination of intravascular lumen and dissections in single intravascular ultrasound images using subtraction, conventional averaging and saline flush 120398
Pasterkamp, G. *see* Post, M.J. 69976
Pasterkamp, H. *see* Forkheim, K.E. 80184
Pasternack, L., Fleming, J.W., Owrutsky, J.C. Optically seeded stimulated Raman scattering of aqueous sulfate microdroplets 96635
Pastoor, E. *see* Cillessen, J.F.M. 92864
Pastoor, E. *see* Wolf, R.M. 95302
Pastor, D., Gay, R. Wide-sense stationary random processes analysis through wavelet packets decomposition: statistical properties of wavelet coefficients 66659
Pastor, D. *see* Capmany, J. 75853
Pastor, D. *see* Marti, J. 99552
Pastor, E., Cortadella, J., Kondratyev, A., Roig, O. Structural methods for the synthesis of speed-independent circuits 73010
Pastor, I. *see* Encinas-Sanz, F. 96105
Pastor, J. *see* Doverspike, R. 98681
Pastore, F. *see* Autiero, D. 69815
Pastore, F. *see* Autiero, D. 80006
Pastore, R. *see* Kingsley, L.E. 101634
Pastore, R. *see* Lee, C.C. 94882
Pastore, R.A., Jr *see* Lenzing, E.H. 97328
Pastorelli, M. *see* Bergamasco, G. 122055
Pastorelli, M. *see* Boglieni, A. 115498
Pastorelli, M. *see* Boglietti, A. 111968
Pastorelli, M. *see* Levi, E. 111935
Pastorelli, M. *see* Levi, E. 121971
Pastorini, I. *see* Moran, L. 121106
Pastorino, M. *see* Caorsi, S. 67218
Pastorino, M. *see* Caorsi, S. 107851
Pastorino, M. *see* Caorsi, S. 120364
Pastorino, P. *see* Cinguino, P. 96430
Pastos, D.A., Vovos, N.A., Giannakopoulos, G.B., Lygdis, A.D. Damping efficiency of SVC and CSC [power system control] 70773
Pastushenko, A.I. *see* Bityutskii, O.I. 60685
Pastuszka, S., Terekhov, A.S., Wolf, A. 'Stable to unstable' transition in the (Cs, O) activation layer on GaAs (100) surfaces with negative electron affinity in extremely high vacuum 114505
Pasupathy, S. *see* Abdel-Ghaffar, H.S. 68056
Pasupathy, S. *see* Masoomzadeh-Fard, A. 88120
Pasupathy, S. *see* Masoomzadeh-Fard, A. 109346
Pasupathy, S. *see* Qingxin Chen 88313
Pasupathy, S. *see* Zamiri-Jafarian, H. 108387
Paszkiewicz, T. *see* Gancza, W.M. 74355
Paszkowicz, W. *see* Firszt, F. 74185
Paszti, F. *see* Albers, H. 64739
Pasztor, G. *see* Blau, B. 95527
Pasztor, G. *see* Jakob, B. 95420
Pataca, D.M. *see* Davey, R.P. 78709
Patak, C. A new winding arrangement for energy efficient induction motors 111944
Patakhin, N.A. *see* Kovsharov, N.F. 121785
Pataki, B. *see* Dobrowiecki, T.P. 119555
Patapoutian, A. Optimal burst frequency derivation for head positioning 115794
Patarin, J. Hidden fields equations (HFE) and isomorphisms of polynomials (IP): Two new families of asymmetric algorithms 76819
Patarin, J. Asymmetric cryptography with a hidden monomial and a candidate algorithm for ≈64 bits asymmetric signatures 97527
Patarin, J. *see* Coppersmith, D. 76816
Patat, F. *see* Levassort, F. 106366
Pataut, G., Coquille, P., Sevin, R., Lepaih, M., Harand, B., Boutet, P. Design and realization of an analog-digital monolithic circuit for L-band phase locked loop 73771
Pataut, G. *see* Derewonko, H. 73813
Pataut, G. *see* Derewonko, H. 104875
Patchan, M. *see* Thompson, R.B. 79568
Patchett, B.E. *see* Read, P.D. 79526
Patching, W. *see* Henderson, L. 118610
Pate, B.B. *see* Bandis, C. 83693
Pate, M. *see* Barnham, K. 102982
Pate, M.A. *see* Bames, J. 74367
Pate, M.A. *see* Bradley, D.D.C. 106944
Pate, M.A. *see* Finley, J.J. 105254
Pate, M.A. *see* Finley, J.J. 105281
Pate, M.A. *see* Fisher, T.A. 65309
Pate, M.A. *see* Lidzey, D.G. 75700
Pate, M.A. *see* Peggs, D.W. 62971
Pate, M.A. *see* Teissier, R.J. 62854
Pate, M.A. *see* Weaver, M.S. 85257
Pate, S.F. *see* Kramer, L.H. 120084
Patecki, A. Calculation of 3D eddy-currents problems in nonlinear magnetic fields with voltage excitation 81395
Patecki, A., Racinowski, B. Calculation of 3D transient process with voltage excitation 107728

Patek, D.R., Tobin, K.W. Machine vision inspection of technical ceramics 61444
Patel, A., Amin, V., Roberts, R., Wilson, D., Rouse, G. Beef quality grading using ultrasound signal processing 92292
Patel, A., Downey, N. The need for an advanced ATM signalling protocol 77745
Patel, B., Cruz, J., Perry, D.L., Himebaugh, F.G. Intensity measurement of automotive head lamps using a photometric vision system 81973
Patel, B., Palmer, R.J. Using a VHF positioning system to map a native Indian reserve 79045
Patel, B.H., Patel, P.G., Patel, S.S. Effect of optical radiation on polycrystalline AgGaTe$_2$ thin films 106938
Patel, B.L. *see* Garthe, D. 78875
Patel, B.L. *see* Saunders, R.A. 78717
Patel, B.V., Bisdikian, C.C. End-station performance under leaky bucket traffic shaping 117987
Patel, B.V., Schwartz, M. Impact of mobility on resource allocation in ATM networks 87366
Patel, B.V. *see* Bisdikian, C.C. 118637
Patel, B.V. *see* Cohen, R. 78086
Patel, D. Filter selection using genetic algorithms 66910
Patel, D. Centralised control on the central line 91869
Patel, D. Page segmentation for document image analysis using a neural network 117571
Patel, G.D. *see* Burke, S. 69776
Patel, J. *see* Ma, B.M. 115507
Patel, J.H. *see* Dong Xiang 83085
Patel, J.H. *see* Harada, E. 61836
Patel, J.H. *see* Heragu, K. 93348
Patel, J.H. *see* Heragu, K. 104468
Patel, J.H. *see* Hsiao, M.S. 73232
Patel, J.H. *see* Hsiao, M.S. 104477
Patel, J.H. *see* Jaushin Lee 104417
Patel, J.H. *see* Lee, T. 104427
Patel, J.H. *see* Pomeranz, I. 93303
Patel, J.S., Cohen, G.B. Inverse twisted nematic liquid-crystal device 75611
Patel, J.S. *see* Drolet, J.-J.P. 89230
Patel, K.M., Nataraj, P.S.V., Thangasamy, S. Identification of nuclear steam supply system in an Indian pressurized heavy water reactor: a case study 102368
Patel, M. *see* Sadwick, L.P. 103930
Patel, M.I., Ranganathan, N. PANTHER: a parallel neuro-systolic architecture for real-time processing 104762
Patel, M.I., Ranganathan, N. A VLSI system architecture for real-time intelligent decision making 106223
Patel, N. *see* Buller, J.F. 93386
Patel, N.G., Makhija, K.K., Vaishnav, V.S. Fabrication of hydrogen sulphide gas sensor using ITO thin films and its electronic alarm system 110269
Patel, N.K., Kurobe, A., Castleton, I.M., Linfield, E.H., Brown, K.M., Grimshaw, M.P., Ritchie, D.A., Jones, G.A.C., Pepper, M. Lateral transport studies of coupled electron gases 62900
Patel, N.K., Millard, I.S., Linfield, E.H., Rose, P.D., Grimshaw, M.P., Ritchie, D.A., Jones, G.A.C., Pepper, M. Exchange- and correlation-induced charge transfer observed in independently contacted triple-quantum-well structures 83947
Patel, N.K. *see* Millard, I.S. 62829
Patel, N.K. *see* Millard, I.S. 74359
Patel, N.S., Hall, K.L., Rauschenbach, K.A. An all fiber optical demultiplexer and XOR gate 88490
Patel, N.S., Hall, K.L., Rauschenbach, K.A. 40-Gbit/s cascadable all-optical logic with an ultrafast nonlinear interferometer 116155
Patel, N.S., Rauschembach, K.A., Hall, K.I. All-optical demultiplexer/inverter using a semiconductor laser amplifier in a single-arm interferometer 119240
Patel, N.S., Rauschenbach, K.A., Hall, K.L. 40 Gb/s cascadable all-optical logic using an ultrafast nonlinear interferometer 88638
Patel, N.V., Sethi, I.K. Audio characterization for video indexing 66925
Patel, P., Chu, D., West, J.L., Kumar, S. Bistable switching in polymer-dispersed ferroelectric smectic-C* displays 85144
Patel, P. *see* Singh, M. 90363
Patel, P. *see* Singh, M. 101333
Patel, P. *see* Singh, M. 101334
Patel, P.G. *see* Patel, B.H. 106938
Patel, R., Blake, G.M., Batchelor, S., Fogelman, I. Occupational dose to the radiographer in dual X-ray absorptiometry: a comparison of pencil-beam and fan-beam systems 80523
Patel, R., Kiernan, L., Ironmonger, S., Bradley, M., Vaughan, B. A graphical information display system for high level power system monitoring 102290
Patel, R. *see* Ironmonger, S.N. 70630
Patel, R. *see* Narendra, K.G. 111576
Patel, R.S., Advocate, W.H., Mukkavilli, S. Projection laser ablation mask alternatives 94871
Patel, R.S., Mukkavilli, S., Kumar, A. Grazing angle laser planarization process for multi-level thin film structure 84220
Patel, R.S., Redmond, T.F., Tessler, C., Tudryn, D., Pulaski, D. Laser via ablation technology for MCM-D fabrication at IBM Microelectronics 94137
Patel, R.S. *see* Pulaski, D.P. 94857
Patel, S. *see* Haugan, T. 106647
Patel, S.C. *see* Chau, N.H. 91431
Patel, S.C. *see* Chau, N.H. 102380
Patel, S.H. *see* Rietman, E.A. 60575
Patel, S.S. *see* Patel, B.H. 106938
Patel, T., Anvekar, D.K., Sonde, B.S. DCBWL: a new channel borrowing scheme for mobile cellular communication systems 99265
Patel, T. *see* Anvekar, D.K. 99093
Patel, U., Rodger, D. Finite element modelling of pulsed eddy currents for nondestructive testing 61507
Patel, V. *see* Kosonocky, W.F. 79546
Patel, V. *see* Misra, D. 63322
Patel, V.V. *see* Grill, A. 113486
Patel Samir *see* Samir Patel
Patella, F. *see* Balzarotti, A. 120138
Patenaude, Y. *see* Gupta, S. 66024
Pater, S.L., Sharp, R.E. Gamma radiation effects on bipolar transistors a comparison of surface mount and standard packages 105916
Pater, S.L. *see* Sharp, R.E. 109925
Pater, S.L. *see* Sharp, R.E. 110608
Patera, A.T. *see* Yesilyurt, S. 92632
Patera, J. *see* Gazeau, J.-P. 92379
Pateras, S. *see* Druckerman, H.B. 72250
Paterno, M. *see* Chung, M. 80031
Paterson, E. *see* Raubenheimer, T. 89588
Paterson, J. The Texas Instruments EPIC3 CMOS technology 61938
Paterson, J. *see* Tatchyn, R. 96526
Paterson, K.G. *see* Etzion, T. 66281
Paterson, K.G. *see* Hiltgen, A.P. 66326
Paterson, K.G. *see* Hiltgen, A.P. 97557
Paterson, K.G. *see* Mitchell, C.J. 97548
Paterson, M. *see* Miltersen, P.B. 87275
Patete, P.V., Bulgrin, J.P., Shabani, M.M., Smith, D.J. A non-invasive, three-dimensional, diagnostic laser imaging system for accurate wound analysis 80298
Pathak, B. *see* Gamelin, J. 88652
Pathak, B. *see* Lee, T.-P. 78880
Pathak, B. *see* Zah, C.E. 68417
Pathak, B. *see* Zah, C.E. 76034
Pathak, H.T. *see* Singh, R. 110167
Pathak, K.M. *see* Steinberg, R.K. 90882
Pathak, L.C. *see* Mishra, S.K. 84889
Pathak, P.H. *see* Liang, M.C. 97065
Pathak, R. *see* Collings, B.C. 96180
Pathak, R.N. *see* Hilber, W. 114777
Pathak, S.D., Kim, Y., Kim, J. Efficient implementation of facet models on a multimedia system 87206
Pathak, S.K., Singh, S.P. Field analysis of a tape helix with embedded bio-media for microwave hyperthermia 80437
Pathak, S.S. *see* Raghava, T.V.S. 118084
Pathan, M.A. *see* Rashid, H. 68416
Pati, G.S., Roy, A., Singh, K. An improved photorefractive joint-transform correlator utilizing beam-fanning in a high-gain barium titanate crystal 97897
Pati, S.P. *see* Dash, S.K. 104849
Pati, S.P. *see* Panda, A.K. 74682
Pati, S.P. *see* Panda, A.K. 104848
Paticchio, V. *see* Agnello, M. 110583
Paticchio, V. *see* Valentini, A. 69788
Patience, T. *see* Macedonia, C. 90334
Patient, R. *see* Button, J. 99375
Patil, A. *see* Damle, P.S. 120418
Patil, K.C. *see* Sekar, M.M.A. 72958
Patil, K.M. *see* Vijaya Krishna, G. 120277
Patil, M.B. *see* Ravaioli, U. 62261
Patil, P.R. *see* Patil, P.S. 121833
Patil, P.S., Patil, P.R. Studies on the photoelectrochemical cell formed with WO$_3$ photoanode by using Gartner's model 121833
Patil, S. *see* Kapur, R. 93197
Patil, S.A. *see* Bhise, B.V. 83866
Patil, S.M., Bhagwat, S.D. ECG analysis–an expert system approach 120421
Patin, Y. *see* Doucin, B. 105848
Patitsas, S.N. *see* Van Buuren, T. 62672
Patkar, D. *see* Bowen, N.L. 91709
Patkar, S.B. *see* Fujishige, S. 72496
Patlach, A. *see* Koester, S.J. 74421
Patlagan, L. *see* Fisher, B. 95440
Patlanzhoglu, O.M. *see* Chikrii, A.A. 72460
Patnaik, J. *see* Sahu, T. 105305
Patnaik, L.M., Nair, H., Abraham, V., Raghavendra, G., Singh, S.K., Srinivasan, R., Ramchand, K. Performance evaluation of neural network algorithms for multisensor data fusion in an airborne track while scan radar 111047
Patnaik, L.M. *see* Majhi, A.K. 93269
Patnaik, L.M. *see* Majhi, A.K. 93347
Patnaik, L.M. *see* Srinivas, M. 93272
Patnaik, L.M. *see* Sundaram, S. 93335
Patnaik, S. *see* Bhushan, B. 101801
Patnaik, S.K. *see* Dash, P.K. 70809
Paton, B.E. Photonic sensors: on land, under the seas and in the human body 119689
Patonai, Z., Sogrik, G. Reliability in programme transmission 99735
Patonay, G. *see* Chin, R. 100054
Patra, H.P., Roy, B., Shastri, N.L., Nath, S.K. Transient CFS response over a two-layer Earth 90738
Patra, J.C., Pal, R.N. Functional link artificial neural network model for channel equalization 97757
Patra, K.C. *see* Majhi, S. 120975
Patra, S. *see* Liu, Y.S. 116287
Patra, S. *see* Zaleta, D. 85343
Patrakeev, M.V., Leonidov, I.A., Lakhtin, A.A., Kozhevnikov, V.L. High-temperature electrical conductivity and thermoelectric power coefficient of (Nd$_{2/3}$Ce$_{1/3}$)$_4$(Ba$_{2/3}$Nd$_{1/3}$)$_4$Cu$_6$O$_{16+x}$ 114652
Patrascoiu, S., Potolea, E., Damian, V., Bostan, V. TurboREPER: an integrated software environment for (optimal) power flow analysis in low, medium and high voltage networks 111448
Patrashin, A.I. *see* Bovina, L.A. 99987
Patriarche, G., Ougazzaden, A., Glas, F. Inhibition of thickness variations during growth of InAsP/InGaP and InAsP/InGaAsP multiquantum wells with high compensated strains 113354
Patriarche, G. *see* Etrillard, J. 84136
Patricios, M.P., Dwolatzky, B., Meyer, A.S. Utilisation of a rule based expert system to aid in power reticulation design 102085
Patrick, H.J., Williams, G.M., Kersey, A.D., Pedrazzani, J.R., Vengsarkar, A.M. Hybrid fiber Bragg grating/long period fiber grating sensor for strain/temperature discrimination 100085
Patrick, K., Koss, S., Deering, M.J., Harris, L. Consumer health information: a federal perspective on a important aspect of the national information infrastructure 120479
Patrick, R., Jones, P. Techniques for studying charging in plasma processing 105641
Patrick, W., Bergamaschi, C., Klepser, B.-U., Meier, H., Bachtold, W. State of the art AlInAs/GaInAs/InP HEMTs fabricated using an experimental electron-beam lithography system 63765
Patrick, W. *see* Diskus, C.G. 63764
Patrick, W. *see* Duran, H.C. 104830
Patrick, W. *see* Klepser, B.-U.H. 78677
Patrick, W. *see* Klepser, B.-U.H. 93822
Patrick, W. *see* Klepser, B.-U.H. 107023
Patrick, W. *see* Schefer, M. 62313
Patrick, W. *see* Schefer, M. 83494
Patrick, W. *see* Schefer, M. 114302
Patrikar, S.J. *see* Zaman, P. 106179
Patrikeev, V.G. *see* Kozlov, A.D. 79290
Patrin, J. *see* Whitman, L.J. 82640
Patrinos, K. *see* Filippas, A. 69738
Patrizi, G.A. *see* Carson, R.F. 68411
Patrizi, G.A. *see* Carson, R.F. 116288
Patrizi, G.A. *see* Kim, J.W. 63014
Patrizi, G.A. *see* Lovejoy, M.L. 119227
Patro, Y.G.K. *see* Kulkarni, S.Y. 73853
Patrou, B. Zigzag codes and z-free hulls 108188
Patrovics, L., Schouhamer Immink, K.A. Performance assessment of guided scrambling 76750
Patrovics, L., Schouhamer Immink, K.A. Encoding of dklr-sequences using one weight set 97556
Patt, B.E. *see* Wang, Y.J. 80049
Pattanam, S. *see* Kelf, D. 113886
Pattanayak, T.K. *see* De, S.S. 83898
Pattaramalai, S. *see* Aalo, V. 97428
Pattavina, A., Quadri, S., Trecordi, V. Reuse partitioning in cellular networks with dynamic channel allocation 78533
Pattavina, A. *see* Bianchi, G. 67778
Pattavina, A. *see* Giacomazzi, P. 78308
Pattavina, A. *see* Lucatti, D. 88206
Pattay, R.S. *see* Nichols, R.A. 99405
Patten, E.A. *see* Wu, O.K. 100113
Patteri, P. *see* Bulfone, D. 76053
Patteri, P. *see* Walker, R.P. 96521
Patterson, A. IEEE 1076.1 "analogue VHDL" moves forward 104272
Patterson, A. The modelling and simulation of mixed signal devices 104718
Patterson, A. *see* Wilson, P. 78383
Patterson, A.D. *see* Kelly, M.J. 63608
Patterson, A.D. *see* Leckey, J.G. 95053
Patterson, B. *see* Downes, D. 71315
Patterson, B.D. *see* Kehrli, U. 64994
Patterson, D. *see* Kumar, N. 89367
Patterson, D. *see* Lumpkin, A. 100540
Patterson, D.A. *see* Anderson, T.E. 67744
Patterson, D.J. *see* Tuckey, A.M. 71926
Patterson, E.B. *see* Cirstea, M.N. 71795
Patterson, E.B. *see* Cirstea, M.N. 102832
Patterson, E.B. *see* Cirstea, M.N. 121953
Patterson, E.S. *see* Watts, J.C. 111073
Patterson, G.A. *see* Sacks, R.N. 82680
Patterson, G.N. *see* Peredo, J.C. 84801
Patterson, H. *see* Reyes, A.C. 114188
Patterson, H.W. *see* Reyes, A.C. 62392
Patterson, J.C., Ni Dheasuna, C., Barrett, J. Copper metallisation of barrier materials 84228
Patterson, M. *see* Katz, I. 120637
Patterson, M.A. *see* Little, B. 70173
Patterson, M.G. What is energy efficiency? Concepts, indicators and methodological issues 81200
Patterson, M.S. *see* Bright, C.L. 97970
Patterson, M.S. *see* Deluca, C.C. 97969
Patterson, P. *see* Hartley, P.W. 101792
Patterson, R.C. A quantum leap into the IED age 70885
Patterson, R.L. *see* Ray, B. 71466
Patterson, S. *see* Graves, B.R. 107064
Patterson, T. A practical versatile approach to flip chip on flex 94121
Patterson, T. *see* Stecker, M.M. 101382

Patterson, W.E. *see* Feggeler, J.C. 88591
Patterson, W.W. *see* Feggeler, J.C. 78683
Patthey, F., Schneider, W.-D. A monochromatized Si Kα X-ray source and its test on Yb 3d core levels 101030
Patti, A. *see* Busatto, G. 94926
Patti, A. *see* Busatto, G. 115170
Patti, A. *see* Busatto, G. 115183
Pattichis, C.S. *see* Christodoulou, C.I. 70112
Pattichis, C.S. *see* Schnorrenberg, F. 120356
Pattichis, M.S. *see* Havlicek, J.P. 77440
Pattinson, N. *see* Anderson, R. 102301
Pattipati, K. *see* Kirubarajan, T. 111069
Pattipati, K.R. *see* Popp, R.L. 108375
Pattison, D.A. *see* Gray, J.W.D. 65094
Patton, C.E. *see* Fetisov, Y.K. 114259
Patton, D.D. *see* Klein, W.P. 101094
Patton, J. *see* Chamberlain, J. 99766
Patton, J.B., Jayanetti, P. The making of multimedia power systems control and simulation labware 121383
Patton, R.J. Robust model-based fault diagnosis: the state of the art 103503
Patton, R.J. *see* Blanke, M. 112015
Patton, S.T., Bhushan, B. Environmental effects on the pause mode performance of metal-evaporated and metal-particle tapes 75249
Patton, S.T., Bhushan, B. Tribological evaluation of the streaming mode performance of metal evaporated and metal particle tapes 115693
Patton, S.T. *see* Bhushan, B. 75257
Pattselt, T. *see* Vendik, I.B. 75376
Pattuelli, E.G. *see* Cicognani, J.W. 60659
Pattyn, H. *see* Wu, M.F. 63262
Pattyn, H. *see* Wu, M.F. 113445
Paturi, R. *see* Carragher, R.J. 95097
Patwa, A. *see* David, G. 80077
Patwa, A. *see* David, G. 100863
Patwardhan, A.A., Deo, M.S., Mangal, M. 18 kW DC-DC converter using push-pull inverter with lossless snubber circuits 112133
Patyk, A. Elementary layers method for description and analysis of a squirrel-cage motor with free bars in transients 81441
Patyk, J. *see* Rozploch, F. 114897
Patyra, M.J., Braun, E. Fuzzy/scalar RISC processor: architectural level design and modeling 113899
Patzak, E. *see* Caspar, C. 109643
Patzak, E. *see* Pieper, W. 88592
Patzak, E. *see* Pieper, W. 88657
Patzek, T.W. *see* Touchard, G.G. 107748
Patzel, R. *see* Basting, D. 107072
Patzel, S. *see* Newton, H.J. 98333
Patzold, M., Killat, U., Laue, F. A deterministic digital simulation model for Suzuki processes with application to a shadowed Rayleigh land mobile radio channel 68111
Patzold, M., Killat, U., Laue, F., Yingchun Li A new and optimal method for the derivation of deterministic simulation models for mobile radio channels 116902
Patzold, M., Killat, U., Yu Shi, Laue, F. A deterministic method for the derivation of a discrete WSSUS multipath fading channel model 68170
Patzold, M. *see* Yingchun Li 109535
Pau, S. *see* Cao, H. 107411
Pauer, F., Zampieri, S. Grobner bases with respect to generalized term orders and their application to the modelling problem 72697
Paul, A.E. *see* Smirl, A.L. 105379
Paul, A.K., Gangadaran, M., Mazumder, S., Neogi, R. AC operated EOT crane control with variable voltage variable frequency drive 122113
Paul, B. *see* Creech, G.L. 83504
Paul, B. *see* Dentan, M. 90222
Paul, B. *see* Dentan, M. 95214
Paul, C. *see* Alotto, P. 64571
Paul, C.R. Decoupling the multiconductor transmission line equations 97209
Paul, C.R. *see* Orlandi, A. 97214
Paul, D. *see* Pandit, S.M. 110015
Paul, D.F. *see* Childs, K.D. 112984
Paul, D.I. *see* Hug, H.J. 75170
Paul, D.J. The Ten Commitments: guidelines to constructive change in the workplace 112826
Paul, D.K., Razdan, R., Redman, W. A reliable optical baseband processor for advanced communications satellites 88393
Paul, D.K. *see* Hickson, M.T. 62249
Paul, D.K. *see* Konstantinou, K. 83405
Paul, H., Tindle, J. Passive optical network planning in local access networks–an optimisation approach utilising genetic algorithms 67963
Paul, H., Torma, P., Kiss, T., Jex, I. The photon chopping method for quantum state measurements 89095
Paul, J. *see* Earley, L. 82906
Paul, J. *see* Hirschauer, B. 113471
Paul, J.C. *see* Merzouk, S. 67019
Paul, J.L. *see* Collins, M.J. 70511
Paul, K., Leung, Y.K., Plummer, J.D., Wong, S.S., Kuehne, S.C., Huang, V.S.K., Nguyen, C.T. High voltage LDMOS transistors in sub-micron SOI films 105994
Paul, M. *see* Jiang, X. 72826
Paul, M.T., Ellis, J. Color cameras hold the key to unlocking images secrets 89148
Paul, O. *see* Baltes, H. 63974
Paul, O. *see* Baltes, H. 84643
Paul, O. *see* Basedau, P. 93606
Paul, O. *see* Haberli, A. 119605
Paul, O. *see* Mayer, F. 79328
Paul, O. *see* Trautweiler, S.F. 74891
Paul, O. *see* von Arx, M. 115339
Paul, R.L. *see* Lindstrom, R.M. 80135
Paul, S. The CHEOPS project 120230
Paul, S., Mazumdar, M., Dhar, S., Banerjee, S. Erbium doped InGaAs layers grown by liquid phase epitaxy 103998
Paul, S. *see* Brueckner, W. 120169
Paul, S. *see* Lee, D. 67582
Paul, S. *see* Lin, J.C. 87467
Paul, S. *see* Woodworth, C. 78306
Paul, S.A., Hae-Seung Lee A 9 b charge-to-digital converter for integrated image sensors 79548
Paul, V.K., Singh, M., Deorari, A.K. Indigenous equipment for mass newborn care: a successful partnership of the health profession and the industry 110874
Paul, W. *see* Wickboldt, P. 92837
Paul, W. *see* Wickboldt, P. 94514
Paul, W.B. *see* Garnier, J.-P. 83724
Paul, W.J. *see* Muller, S.M. 83172
Paul Kai Yiu Ko, Demokan, S., Tam, H. Distributed temperature sensing with erbium-doped fiber amplifiers 119703
Paula Filho, W.P. *see* Menezes, V.M. 87492
Paulasaari, H., Jarventausta, P., Verho, P., Karenlampi, M., Partanen, J., Hakola, T., Vahatalo, E. Methods to study earth fault phenomena by using a residual overvoltage relay module 102103
Paulavicius, G. *see* Mickevicius, R. 114739
Paulavicius, G. *see* Mitin, V.V. 63087
Paulavicius, G. *see* Mitin, V.V. 83944
Paule, C. *see* Bechtold, R. 118110
Pauley, J., Young, S. Sizing a circuit breaker 102896
Pauli, M., Reindl, T., Kruehler, W., Homberg, F., Mueller, J. A new fabrication method for multicrystalline silicon layers on graphite substrates suited for low-cost thin film solar cells 92776
Pauli, M. *see* Reindl, T. 94597
Pauliat, G. *see* Delaye, P. 115979
Paulicka, I., Sochor, V., Stulpa, J. Fiber-optic Fabry-Perot sensor for vibration and profile measurements 100069
Paulicka, I. *see* Sedlar, M. 110179
Paulicka, I. *see* Sochor, V. 95679
Paulin, A. *see* Grasic, I. 100788
Paulino, N., Franca, J.E. A CMOS digitally programmable current multiplier 104735
Paull, C.J. *see* Nyakwende, E. 117617
Paulmier, D. *see* Csapo, E. 62403
Paulraj, A. *see* Diggavi, S.N. 78450
Paulraj, A. *see* Ng, B.C. 118964
Paulraj, A. *see* Papadias, C.B. 108798
Paulraj, A. *see* Raleigh, G.G. 78454
Paulraj, A. *see* Ratnavel, S. 109440
Paulraj, A. *see* Talwar, S. 68158
Paulraj, A. *see* van der Veen, A.-J. 66813
Paulraj, A.A. The evolution of mobile communications 68138
Paulsen, K.D., Huabei Jiang Enhanced frequency-domain optical image reconstruction in tissues through total-variation minimization 101084
Paulsen, K.D. *see* Huabei Jiang 101206
Paulsen, K.D. *see* Meaney, P.M. 101295
Paulsen, S.E. *see* Christensen, E. 116910
Paulsen-Boaz, C. *see* Rhodin, T.N. 94756
Paulson, C.C., Todd, A.M.M., Peacock, M.A., Reusch, M.F., Bruhwiler, D., Mendelsohn, S.L., Berwald, D., Piaszczyk, C., Meyers, T. Accelerator systems optimizing code 89598
Paulson, G.W. *see* Aotsuka, A. 90542
Paulson, K.S. *see* Shi, Y. 101358
Paulson, W.M. *see* Maiti, B. 93486
Pauluhn, U., Derr, F. Frequency convertors for purely optical network nodes 109623
Paulus, G.G. *see* Engert, F. 90480
Paulus, M.J., Rochelle, J.M., Andreaco, M.S., Binkley, D.M. A low-noise, wide-band CMOS charge-sensitive preamplifier for use with APD/LSO PET detectors 90344
Paulus, M.J., Rochelle, J.M., Andreaco, M.S., Binkley, D.M. A low-noise, wide-band CMOS charge-sensitive preamplifier for use with APD/LSO PET detectors 100947
Pauly, A. *see* Passard, M. 114665
Paulzen, G.M., Hutten, E.K.H., Meyssen, V.M.H. Low thermal budget 6 nm furnace N_2O-nitrided gate oxides 84680
Paulzen, G.M. *see* Woltjer, R. 84414
Paumier, E. *see* Marie, P. 74095
Paun, C. The electric field calculation by boundary integral methods 81157
Paur, R. *see* Jacobs, R. 80703
Pausch, G., Ortlepp, H.-G., Bohne, W., Grawe, H., Hilscher, D., Moszynski, M., Wolski, D., Chubart, R., de Angelis, G., de Poli, M. Identification of light charged particles and heavy ions in silicon detectors by means of pulse-shape discrimination 80022
Pausch, G., Ortlepp, H.-G., Bohne, W., Grawe, H., Hilscher, D., Moszynski, M., Wolski, D., Schubart, R., de Angelis, G., de Poli, M. Identification of light charged particles and heavy ions in silicon detectors by means of pulse-shape discrimination 100928
Pausder, H.J. *see* Buchholz, J.J. 120601
Pautet, C., Abraham, P., Dazord, J., Favre, R., Cauwet, F., Monteil, Y., Bouix, J., Ougazzaden, A., Rao, E.V.K., Mircea, A. Trimethylarsenic as an alternative to arsine in the metalorganic vapor phase epitaxy of device quality $In_{0.53}Ga_{0.47}As/InP$ 82600
Pauthner, S. *see* Lipp, S. 113475
Pautrat, J.L. *see* Bonnet-Gamard, J. 75952
Pautrat, J.L. *see* Hadji, E. 64981
Pautrat, J.L. *see* Hadji, E. 65176
Pautrat, J.L. *see* Ulmer-Tuffigo, H. 62818
Pautrat, J.L. *see* Ulmer-Tuffigo, H. 76079
Pauw, C.De *see* De Pauw, C.
Pauw, P.De *see* De Pauw, P.
Pauwels, B. *see* Costa, M. 90231
Pauwels, B. *see* Costa, M. 100982
Pauwels, H., de Meyere, A., Fornier, J. Analytical treatment of grey levels in antiferroelectric liquid crystal displays 100246
Pauwels, H., De Meyere, A., Fornier, J., Maximus, B., De Ley, E. Simple model for grey levels in antiferroelectric LCDs 89350
Pauwels, H. *see* De Ley, E. 89351
Pauwels, H. *see* De Ley, E. 106869
Pauwels, M., Soja, R. Hardware vs software: how to make the design trade-off 72211
Pavan, A. *see* Tsang, R.P. 109197
Pavan, M. *see* Alessandrello, A. 80100
Pavan, P. *see* Asti, S. 115162
Pavan Kumar, M.R., Kim, J.M.S. A hybrid multilevel switching converter for ring-magnet power supplies 89756
Pavan Kumar, M.R., Kim, J.M.S. A hybrid multilevel switching converter for ring-magnet power supplies 100778
Pavan Kumar, M.R., Kim, J.M.S. Current control of a hybrid multilevel switching converter 112105
Pavan Kumar, M.R., Kim, J.M.S. Dead-beat control of hybrid multilevel switching converter 121635
Pavanello, M.A., Martino, J.A., Colinge, J.P. Theoretical and experimental study of the substrate effect on the fully depleted SOI MOSFET at low temperatures 94983
Pavel, M. *see* Tiana, C. 90713
Pavel, N., Dascalu, T., Lupei, V. Stable resonators for fundamental mode operation 76086
Pavel, N., Dascalu, T., Lupei, V. Two rods VRM-unstable resonator versus single rod unstable resonator with amplifier stage 107406
Pavel, N., Dascalu, T., Lupei, V. Positive-branch unstable resonators with thermal lens compensation 116581
Pavel, N. *see* Dascalu, T. 75907
Pavel, T.J. *see* Abe, K. 69708
Pavel, T.J. *see* Abe, K. 69726
Pavelchek, E.K., Meador, J.D., Guerrero, D.J., Lamb, J.E., III, Kache, A., doCanto, M., Adams, T.G., Stark, D., Miller, D. A highly absorbing ARC for DUV lithography 105817
Pavelet, A. Assembling fuel channels in the CANDU 600 reactor 91285
Pavel'ev, D.G. *see* Hofbeck, K. 105330
Pavelko, V.I. *see* Bulavin, V.V. 81292
Pavelko, V.I. *see* Bulavin, V.V. 91286
Paven-Thivet, C.Le *see* Le Paven-Thivet, C.
Pavese, E. CAD for printed circuit boards 73862
Pavese, F. Magnetic shielding using high-T_c superconductors: a large-scale application with peculiar requirements 115974
Pavesi, L. Porous silicon: a route towards a Si based photonics? 64920
Pavesi, L. Influence of dispersive exciton motion on the recombination dynamics in porous silicon 83796
Pavesi, L., Guardini, R. Porous silicon: silicon quantum dots for photonic applications 83937
Pavesi, L. *see* Ceschini, M. 62674
Pavesi, L. *see* Dorigoni, L. 94306
Pavesi, L. *see* Guardini, R. 116266
Pavesi, M. *see* Selmi, L. 63671
Pavia, J. *see* Ros, D. 69958
Pavier, M.A. *see* Weaver, M.S. 75753
Pavio, A.M. *see* Sevic, J.F. 88100
Pavio, J.S. Computer-integrated manufacturing–key to survival for prototyping and production 92174
Pavlenko, A. *see* Avramenko, S. 93951
Pavlenko, E.P. *see* Prokof'eva, V.V. 64959
Pavlenko, E.P. *see* Prokof'eva, V.V. 69236
Pavlidis, D. *see* Kun Wang 92871
Pavlidis, D. *see* Kyushik Hong 63102
Pavlidis, D. *see* Marsh, P. 93935
Pavlidis, D. *see* Sargent, E.H. 96376
Pavlidis, D. *see* Sawdai, D. 93851
Pavlidis, I., Papanikolopoulos, N.P. Automatic selection of control points for deformable-model-based target tracking 86773
Pavlidis, T. *see* Jianying Hu 67023
Pavlik, V. *see* Roman, J. 62371
Pavlin, M., Amon, S., Aljancic, U. Temperature properties of silicon piezoresistive pressure sensors 79331
Pavlin, M. *see* Belavic, D. 62499
Pavlin, M. *see* Belavic, D. 62500
Pavlinskii, G.V. Modeling the process of scattering of X-radiation by a coating-substrate system 93001
Pavlopoulos, S. *see* Dembeyiotis, S. 111022

Pavlou, G., Mykoniatis, G., Sanchez-P, J.-A. Distributed intelligent monitoring and reporting facilities 118228
Pavlou, G., Tin, T. A CMIS-capable scripting language and associated lightweight protocol for TMN applications 108958
Pavlov, A. *see* Laiho, R. 94313
Pavlov, A.B. *see* Alexandrov, B.S. 116367
Pavlov, A.F. *see* Galiulin, R.M. 107673
Pavlov, A.N. *see* Yanson, N.B. 120452
Pavlov, A.V. A numerical investigation of the energy relief of the optical neural network with the correlation interconnection matrix 85181
Pavlov, A.V. Plural partial associations 95900
Pavlov, A.V., Petrova, L.F. Using coherent optical correlation in analyzing scenes 86309
Pavlov, D.V. *see* Griscom, D.L. 85004
Pavlov, G.Ya., Pugachevich, V.P., Gromov, D.G., Kudryashova, E.B. Arc plasma jet cleaning of the silicon surface before $CoSi_2$/Si contact formation 105650
Pavlov, K.M. *see* Fuchs, F. 74444
Pavlov, S. *see* Kashikhin, V. 90059
Pavlov, S.V. *see* Gavrilova, N.D. 106310
Pavlov, V.A. *see* Dubnistchev, Yu.N. 119951
Pavlov, V.F. *see* Lepeshev, A.A. 104108
Pavlova, V.A. *see* Krjukov, S.N. 66906
Pavlovic, A.S. *see* Suresh Babu, V. 64291
Pavlovic, N.V. Pressurised fluidised bed combustion technology 81334
Pavlovic, N.V. Integration gasification combined cycle technology 91366
Pavlovic, N.V. Comparative analysis of clean coal technologies 111716
Pavlovic, V., Stojcev, M., Dimitrijevic, B., Golubovic, L., Zivkovic, M., Stankovic, L. Ultrasonic pulse-phase method applied in fluid flow measurements 110453
Pavlovic, Z. *see* Pantic, D. 63715
Pavlovic, Z. *see* Prijic, Z. 84364
Pavlovski, M. *see* Dovbeshko, A. 107687
Pavlovskii, A.I. *see* Bosamykin, V.S. 100797
Pavluchenkov, V.F. *see* Gubankov, V.V. 96563
Pavluk, G.P. *see* Shikhin, V.A. 86941
Pavluk, G.P. *see* Shikhin, V.A. 102657
Pavlynchenkov, N.F. *see* Lange, Yu.V. 113600
Pavlyuk, A.A. *see* Gulev, V.S. 107208
Pavlyuk, A.A. *see* Kaminskii, A.A. 76153
Pavlyuk, A.A. *see* Kaminskii, A.A. 96190
Pavo, J., Miya, K. Optimal design of eddy current testing probe using fluxset magnetic field sensors 61508
Pavo, J. *see* Vertesy, G. 113585
Pavon, J. *see* Kawanishi, M. 67690
Pavon, J. *see* Lengdell, M. 87586
Pavone, F.S. *see* Fey-den Boer, A.C. 116487
Pavone, F.S. *see* Prevedelli, M. 65472
Pavuna, D. *see* Wooldridge, I. 75317
Pavur, R. *see* Wanarat, P. 103689
Pavuza, F.G. Calculation and implementation of digital sine signals for test and measurement 68989
Pavuza, F.G., Beszedics, G., Toriser, W., Wawra, M., Winkler, W. An electric vehicle for recreational areas and local traffic 112575
Pawar, P.D. *see* Pawar, S.H. 91746
Pawar, S.H., Pawar, P.D. Line septum solar cell for hydrogen production 91746
Pawelke, J. *see* Lauckner, K. 80313
Pawlak, A.M. *see* Lequesne, B. 110138
Pawlak, M., Stadtmuller, U. On nonparametric curve estimation with compressed data 66631
Pawlak, M., Stadtmuller, U. Recovering band-limited signals under noise 97836
Pawlak, R.J. A simple sub-optimal solution to the sensor-optimized, fusion-optimized Neyman-Pearson constrained decision fusion problem 117349
Pawlak, T. *see* Bogert, D. 79929
Pawlak, T. *see* Gyimesi, M. 65620
Pawlak, Z. Rough sets, rough relations and rough functions 103623
Pawlak, Z. Why rough sets? 113131
Pawley, J., Blouke, M., Janesick, J. The CCDiode: an optimal detector for laser confocal microscopes 110199
Pawlik, T. *see* Rogulis, U. 95977
Pawlikiewicz, A.H. High tolerance to radiation effects and low noise performance of ACUTE–a complementary bipolar SOI IC technology 63899
Pawlikiewicz, A.H., Bishop, A., Jerome, R. Low noise and high tolerance to radiation effects of complementary bipolar SOI IC technology 63904
Pawlikowski, K. *see* Yau, V. 87507
Pawloski, A.R. *see* Henderson, C.L. 105798
Pawlowicz, R., Farmer, D., Sotirin, B., Ozard, S. Shallow-water receptions from the transarctic acoustic propagation experiment 120808
Pawlowski, E. *see* Galloway, P.C.M. 116777
Pawlowski, E. *see* Kruger, U. 68462
Pawlowski, G. *see* Funato, S. 105772
Pawlowski, G. *see* Padmanaban, M. 105776
Pawlowski, P.R. On the deorthogonalization of ODS-CDMA 4-PSK in frequency-nonselective shadowed Rician fading 98411
Pawlowski, Z. *see* Calen, H. 120194
Pawluk, K. Fundamental solutions for a 3-dimensional Helmholtz equation 96900
Pawluk, K., Kucharska, M. Boundary-integral models of the quasi-stationary field computation in electromagnetic screens 65739
Pawluk, K., Kucharska, M. Coupling of coils by an open magnetic core and electromagnetic screen effects 73834
Pawluk, K., Kucharska, M. Bi-scalar boundary-integral approach to the field computation in electromagnetic screens 107704
Pawluk, K., Schweitzer, T. Application of magnetic field analysis methods to calculations of electric machines 121483
Pax, P., Hirose, T., Kumahara, N. Introduction of multi-rate services into digital mobile communication systems 99179
Paxal, V. *see* Karam, G. 77551
Paxal, V. *see* Karam, G. 88808
Paxal, V. *see* Sari, H. 117148
Paxson, V. End-to-end routing behavior in the Internet 118411
Paxton, A.H. *see* Bossert, D.J. 96370
Paya, B. *see* Aymard, N. 107701
Payandeh, S. *see* Leung, A. 88966
Payandeh, S. *see* Mehta, M. 90558
Paye, J., Bruneau, J.-L., Coffin, P. Protection of final optics in megajoule-class lasers by steering of UV beams using diffraction gratings 85561
Paye, J. *see* Thiell, G. 85421
Paymayeche, L. *see* Lepaul, S. 84476
Payn, M., Fekete, M.F. Adjustable-speed drives' passport to Europe: the CE mark 71800
Payne, A., Cain, W., Hempstead, R., McCrea, G. Measuring core losses in thin film heads 115657
Payne, A., Toumazou, C. Linear transfer function synthesis using non-linear IC components 104290
Payne, A. *see* Cain, W. 115667
Payne, A. *see* Manetakis, K. 74828
Payne, A. *see* Thanachayanont, A. 62019
Payne, A.J. *see* Eskiyerli, M.H. 104702
Payne, A.J. *see* Thanachayanont, A. 104388
Payne, A.P. *see* Lairson, B.M. 75179
Payne, A.P. *see* Wen H. Liu 84810
Payne, B. *see* Yanow, G. 103330
Payne, D.A. *see* Clem, P.G. 92765
Payne, D.A. *see* Jeon, N.L. 74509
Payne, D.N. New glasses for optical fibres and their applications 75493
Payne, D.N. Fiber devices 88580
Payne, D.N. *see* Barcelos, S. 99591
Payne, D.N. *see* Dong, L. 75441
Payne, D.N. *see* Schweizer, T. 116418
Payne, J.M., Jewell, P.R. The upgrade of the NRAO 8–beam receiver 68797
Payne, M. *see* Qiuming Zhu 87183
Payne, M.G. *see* Deng, L. 96614
Payne, P.A., Mahlooji Far, A., Miran Baygi, M. Particle characterisation using a multi-channel ellipsometer 73000
Payne, P.A. *see* Hassan Amrani, M.E. 119772
Payne, P.A. *see* Shan, Q. 101090
Payne, R. Metal pitch effects in deep submicron IC design 84203
Payne, R. Asynchronous FPGA architectures 113903
Payne, S. *see* Woodside, G. 72382
Payne, S.A., Powell, H.T., Krupke, W.F. Can solid-state laser technology serve usefully beyond fusion ignition facilities? 85425
Payne, S.A. *see* Bayramian, A.J. 96193
Payne, S.A. *see* Bibeau, C. 96173
Payne, S.A. *see* DeLoach, L.D. 65346
Payne, S.A. *see* Marshall, C.D. 85246
Payne, S.A. *see* Marshall, C.D. 85427
Payne, S.A. *see* Orth, C.D. 85426
Payne, S.A. *see* Page, R.H. 65166
Payne, S.A. *see* Schaffers, K.I. 65130
Payne, S.E. The fundamental theorem of q-clan geometry 72479
Paynter, R., Graham, M., Infield, D. Wind turbine blade surface pressure measurement in the field 102544
Payot, E., Guillemaud, R., Trousset, Y., Preteux, F. An adaptative and constrained model for 3D X-ray vascular reconstruction 70061
Payson, P. *see* Zmuda, H. 68648
Payton, P. *see* Barrett, E. 77174
Paz, E. *see* Tansel, I. 79239
Paz, J.Pablo *see* Pablo Paz, J.
Pazda, R.J. Surface charge relaxation on a sheet located between grounded rollers 76340
Pazdera, L. *see* Sikula, J. 93949
Pazdera, L. *see* Sikula, J. 104887
Pazhyannur, R., Agrawal, R. Feedback based flow control in ATM networks with multiple propagation delays 87335
Pazil, M.N. *see* Vadher, V.V. 80874
Pazman, A. On modified information matrices in nonlinear regression 92399
Pazmany, A. *see* Galloway, J. 111213
Pazo Blanco, F.A.F. *see* D'Ajuz, A. 81098
Pazos, A., Rivas-Feal, A. An approach to recognition of human patterns in movement 120381
Pazsit, I., Garis, N.S., Glockler, O. On the neutron noise diagnostics of pressurized water reactor control rod vibrations. IV. Application of neural networks 121313
Pazsit, I. *see* Garis, N.S. 71093
Pazynin, L.A. Propagation of electromagnetic waves above a variable-impedance plane surface 107847
Pazyuk, V.S., Vagin, N.P., Yuryshev, N.N. Repetitively pulsed chemical oxygen-iodine laser with a discharge generation of atomic iodine 116320
Pazzaglia, G. *see* Rovaglio, M. 81293
Pazzi, R. *see* Baldini, A. 62650
Pchelarov, G. *see* Koprinarov, N. 62404
Pchel'nikov, Yu.N. Possibility of using a cylindrical helix to monitor the continuity of media 99933
Pchelnikov, Yu.N., Elizarov, A.A. Application of delay systems for RF monitoring of the moisture content of materials 79761
Pchel'nikov, Yu.N. *see* Elizarov, A.A. 89008
Pchelyakov, O.P. *see* Yakimov, A.I. 63056
Pchelyakov, O.P. *see* Yanovitskaya, Z.S. 104007
Peace Chang *see* Lee, J.C. 89687
Peach, D.E. *see* Green, S. 110794
Peach, K. *see* Galagedera, S.B. 90216
Peach, K. *see* Galagedera, S.B. 100941
Peach, R.C. A general Green function analysis for SAW devices 106421
Peach, R.C. SAW based systems for communications satellites 109573
Peacock, A., Verhoeve, P., Rando, N., van Dordrecht, A., Taylor, B.G., Erd, C., Perryman, M.A.C., Venn, R., Howlett, J., Goldie, D.J., Lumley, J., Wallis, M. Single optical photon detection with a superconducting tunnel junction [for potential astronomical use] 99994
Peacock, A. *see* Poelaert, A. 69909
Peacock, J. *see* Bell, P. 67964
Peacock, J. *see* Bell, P. 67966
Peacock, K. *see* Heffernan, K.J. 90691
Peacock, M.A. *see* Paulson, C.C. 89598
Peacock, W.J. *see* Staudt, L.A. 90560
Peake, A. *see* Chien, D.H. 103444
Peake, J. Seahawk project [telemedicine and teleradiology] 80379
Peaker, A.R. *see* Coppinger, F. 62929
Pealat, M. *see* Ganz, M. 61406
Peale, R.E., Summers, P.L. Zebra schlieren optics for leak detection 100111
Peale, R.E. *see* Park, K. 76002
Pearce, C.G. *see* Sleeth, R.G. 118198
Pearce, C.K. *see* Waidlich, J. 96127
Pearce, M. *see* Montanaro, J. 73430
Pearce, R., Cowley, P.H. Use of fuzzy logic to describe constraints derived from engineering judgment in genetic algorithms 111795
Pearcey, J. *see* Sherwood, D.V. 81216
Peard, K.A. *see* Tobin, R.C. 116381
Pearlman, W.A. *see* Bayazit, U. 86075
Pearlman, W.A. *see* Chen, Y. 86542
Pearlman, W.A. *see* Lu, L. 86921
Pearlman, W.A. *see* Rao, S. 77022
Pearlman, W.A. *see* Said, A. 67108
Pearlman, W.A. *see* Said, A. 67451
Pearlman, W.A. *see* Said, A. 108494
Pearlman, W.A. *see* Sriram, R. 108502
Pearlstein, L.D. *see* Mondino, P.-L. 64567
Pearman, J. *see* Bergman, L.A. 88438
Pearsall, K.J. *see* Schluter, R.L. 114381
Pearson, A. *see* Knott, P. 72166
Pearson, C. *see* Fowkes, W.R. 100416
Pearson, D. The cable comms perspective on the access network. Hybrid access systems 67949
Pearson, D., Malone, T. Conductor twisting reduces galloping 111644
Pearson, G.N. *see* Hill, C.A. 107078
Pearson, G.T. *see* Thomsen, L. 70134
Pearson, J. *see* Spence, C. 77306
Pearson, J.B., Landrum, D.B., Hawk, C.W. Parametric study of solar thermal rocket nozzle performance 111067
Pearson, J.C. *see* Spence, C.D. 66874
Pearson, J.E. *see* Keavney, D.J. 115517
Pearson, J.F. *see* Tremsin, A.S. 120199
Pearson, J.J., Carter, N.F., Paderes, F., Jr. Integrated area and feature matching approach to the automated extraction of digital elevation matrices 117650
Pearson, J.P. *see* Fullerton, E.E. 113368
Pearson, M.W., Lyons, P.J., Apperley, M.D. High-level graphical abstraction in digital design 113655
Pearson, P. *see* Ramamoorthy, S. 89938
Pearson, P.J., Hill, C., Allen, R.W., Robbins, D.J. Automated lateral junction measurements in integrated circuit structures to 30 nm precision 63835
Pearson, R.A., Lloyd, T.B., Azimi, H.R., Hsiung, J.C., Brandenburger, P.D. Fundamentals of adhesion, manufacturability, and reliability of epoxy-based chip attach adhesives 112964
Pearson, R.A., Mitchell, K.G., Driscoll, B.G., Claydon, B., Badessi, S., Lindley, A. A "dual-mode" contoured beam shaped reflector 66081
Pearson, R.A. *see* Brandenburger, P.D. 112971
Pearson, R.A. *see* Goodelle, J.P. 114407
Pearson, R.A. *see* Malik, S.K. 83652
Pearson, R.A. *see* Wu, T.Y. *(editor)* 112741
Pearson, R.E., Anderson, W.A. Increased performance polysilicon thin film PMOS transistors through germanium implantation 84400
Pearson, S.D. *see* Parikh, A. 72792
Pearson, S.D. *see* Summers, C.J. 74445
Pearson, S.D. *see* Tran, T.K. 74408
Pearton, S.J., Abernathy, C.R., Ren, F., Shul, R.J., Kilcoyne, S.P., Hagerott-Crawford, M., Zolper, J.C., Wilson, R.G., Schwartz, R.G., Zavada, J.M. Process development for III-V nitrides 92725
Pearton, S.J., Abernathy, C.R., Ren, F., Shul, R.J., Kilcoyne, S.P., Haggerott-Crawford, M., Zolper, J.C., Wilson, R.G., Schwartz, R., Zavada, J.M. Novel compound semiconductor devices based on III-V nitrides 94876

Pearton, S.J., Abernathy, C.R., Vartuli, C.B., Lee, J.W., MacKenzie, J.D., Wilson, R.G., Shul, R.J., Ren, F., Zavada, J.M. Unintentional hydrogenation of GaN and related alloys during processing 84080
Pearton, S.J., Lee, J.W., Grow, J.M., Bhaskaran, M., Ren, F. Thermal stability of dry etch damage in SiC 63410
Pearton, S.J., Lee, J.W., Yuan, C. Minority-carrier-enhanced reactivation of hydrogen-passivated Mg in GaN 63215
Pearton, S.J., Shul, R.J., Wilson, R.G., Ren, F., Zavada, J.M., Abernathy, C.R., Vartuli, C.B., Lee, J.W., Mileham, J.R., Mackenzie, J.D. The incorporation of hydrogen into III-V nitrides during processing 74521
Pearton, S.J., Vartuli, C.B., Abernathy, C.R., MacKenzie, J.D., Zolper, J.C., Yuan, C., Stall, R.A. Doping and isolation of GaN, InGaN and InAlN using ion implantation 114890
Pearton, S.J. *see* Cole, M.W. 83976
Pearton, S.J. *see* Geerts, W. 94355
Pearton, S.J. *see* Hong, J. 74587
Pearton, S.J. *see* Hong, J. 105609
Pearton, S.J. *see* Lee, J.W. 63321
Pearton, S.J. *see* Lee, J.W. 74586
Pearton, S.J. *see* Lee, J.W. 74596
Pearton, S.J. *see* Lee, J.W. 74601
Pearton, S.J. *see* Lee, J.W. 84155
Pearton, S.J. *see* Lee, J.W. 94724
Pearton, S.J. *see* Lee, J.W. 114907
Pearton, S.J. *see* MacKenzie, J.D. 113287
Pearton, S.J. *see* McLane, G.F. 84135
Pearton, S.J. *see* Mileham, J.R. 84119
Pearton, S.J. *see* Ren, F. 84156
Pearton, S.J. *see* Ren, F. 114963
Pearton, S.J. *see* Santana, C.J. 103926
Pearton, S.J. *see* Shul, R.J. 84187
Pearton, S.J. *see* Shul, R.J. 94782
Pearton, S.J. *see* Stradtmann, R.R. 114964
Pearton, S.J. *see* Vartuli, C.B. 84133
Pearton, S.J. *see* Vartuli, C.B. 105648
Pearton, S.J. *see* Vartuli, C.B. 114949
Pearton, S.J. *see* Yuan, C. 104063
Pearton, S.J. *see* Zolper, J.C. 74520
Pearton, S.J. *see* Zolper, J.C. 83990
Peartona, S.J., Bendi, S., Jones, K.S., Krishnamoorthy, V., Wilson, R.G., Ren, F., Karlicek, R.F., Jr, Stall, R.A. Reactivation of acceptors and trapping of hydrogen in GaN/InGaN double heterostructures 105271
Pease, A. *see* Lee, T.-H. 83369
Pease, A. *see* Mehdi, I. 83368
Pease, R.A., Bruce, J.D., Li, H.W., Baker, R.J. Comments on "Analog layout using ALAS!" [and reply] 106126
Pease, R.F. *see* Takac, M.T. 115057
Pease, R.F.W. *see* Gomez, R.D. 84794
Pease, R.F.W. *see* New, R.M.H. 106517
Pease, R.L. Total-dose issues for microelectronics in space systems 70329
Peasley, C.J. *see* Stevenson, C.R. 102580
Peasley, J. *see* McKenney, K. 60561
Peatman, W.C.B., Hurt, M., Park, H., Tsai, R., Shur, M. Scaling of two dimensional MESFETs for ultra low power applications 63781
Peatman, W.C.B., Hurt, M., Tsai, R., Ytterdal, T., Park, H., Gonzales, J., Shur, M. Heterodimensional technology for ultra low power electronics 84479
Peatman, W.C.B. *see* Levinshtein, M.E. 74759
Peatman, W.C.B. *see* Ytterdal, T. 63757
Peatross, J., Backus, S., Read, K.L., Huang, C.P., Murnane, M.M., Kapteyn, H.C. Ultra-short millijoule-level amplification in Ti:sapphire at 1 kHz and third harmonic conversion measurements 96230
Peatross, J. *see* Backus, S. 65134
Peatross, J. *see* Rundquist, A. 96600
Peaupardin, P. *see* Marcouille, O. 96567
Peavey, J., Dawson, R., Lowell, J. Surface barrier detection in plasma-enhanced chemical vapor deposition oxides 84014
Pebalk, D. *see* Parfenov, A. 106885
Pecar, M. *see* Zun, I. 89569
Peceli, G., Simon, G. Generalization of the frequency sampling method 104708
Peceli, G. *see* Simon, G. 108255
Pechacek, R.E. *see* Mathew, J. 97343
Pechacek, R.E. *see* Mathew, J. 109777
Pechen, E.V. *see* Gousev, Yu.P. 99976
Pechen, E.V. *see* Gousev, Yu.P. 104839
Pechman, R.J. *see* Brake, J. 61255
Pechou, R. *see* Girardin, C. 74692
Pechstedt, D., Russell, P.St.J. Narrow-band in-line fiber filter using surface-guided Bloch modes supported by dielectric multilayer stacks 75677
Pecht, M., Dasgupta, A. Physics-of-failure: an approach to reliable product development 60727
Pecht, M. *see* Gannamani, R. 72288
Pecht, M. *see* Kelkar, N. 82349
Pecht, M. *see* Li, M.J. 62517
Pecht, M. *see* Ranganathan, M. 114366
Pecht, M.G. *see* Ogunjimi, A.O. 74627
Pechtl, P. *see* Witzani, M. 91321
Peck, C.C. *see* Smith, B.D. 101194
Peck, D.H., Miller, M., Nickel, H., Das, D., Hilpert, K. The $SrO-Cr_2O_3-La_2O_3$ phase diagram and volatility of $La_{1-x}Sr_xCrO_3$ (x=0–0.3) in comparison to Cr base interconnect alloys 81834
Peck, D.J. An SMT tooling innovation 94085
Peck, D.J., Lee, T. Successful BGA rework 60634
Peck, D.J. *see* Soltanian-Zadeh, H. 110707
Peck, J. *see* Bambos, N. 98637
Peck, J. *see* Gong, J. 61559
Peck, J. *see* Kleinrock, L. 78920
Peck, P.R., Ki-Ook Park, Jhon, M.S., Soo-Choon Kang, Shih, T.I.-P. Transient response of ultralow flying sliders over contaminated and textured surfaces 75243
Peck, S. *see* Padamsee, H. 100471
Peck, S.R. *see* Grimes, G.J. 116290
Peck, W.F., Jr. *see* Cava, R.J. 95244
Peck, W.F., Jr. *see* Suzuki, F. 75184
Peck, W.G. *see* Tribastone, C. 75652
Peckerar, M.C. *see* Marrian, C.R.K. 115108
Peckham, D. *see* Park, N. 88564
Peckham, D.W. *see* Chang, C.-C. 99491
Peckham, D.W. *see* Eskildsen, L. 78688
Peckham, D.W. *see* Hansen, P.B. 68498
Peckham, D.W. *see* Hansen, P.B. 88615
Peckham, D.W. *see* Muys, W. 78816
Peckham, G.E. *see* Froidevaux, L. 120781
Peckham, G.E. *see* Jarnot, R.F. 120779
Peckham, G.E. *see* Lahoz, W.A. 120782
Pecoits, A.P. *see* Lippmann, L., Jr 101439
Pecora, A. *see* Colalongo, L. 84406
Pecora, A. *see* Fortunato, G. 63678
Pecora, L., Carroll, T., Heagy, J. Riddled basins and other practical problems in coupled, synchronized chaotic circuits 61588
Pecora, L.M., Carroll, T.L. Discontinuous and nondifferentiable functions and dimension increase induced by filtering chaotic data 117371
Pecora, L.M. *see* Mar, D.J. 95357
Pecorari, C., Mendelsohn, D.A., Adler, L. Ultrasonic wave scattering from rough, imperfect interfaces. I. Stochastic interface models 61472
Pecorari, C., Mendelsohn, D.A., Adler, L. Ultrasonic wave scattering from rough, imperfect interfaces. II. Incoherent and coherent scattered fields 61473
Pecot, M. *see* Carrara, B. 68594
Pecoul, S., Heuraux, S., Koch, R., Leclert, G. ICANT, a code for the self-consistent computation of ICRH antenna coupling 76575
Pecz, B. *see* David, L. 94568
Pecz, B. *see* David, L. 94600
Peczalski, A. *see* Bristow, J. 85340
Peczalski, A. *see* Liu, Y.S. 116287
Peczalski, A. *see* McMorrow, D. 74743
Peczalski, A. *see* McMorrow, D. 106046
Peczeli, I. *see* Richter, P.I. 111212
Pedak, E. *see* Danilkin, M. 75713
Pedanekar, N.R., Huiqi Yin, Laurendeau, N.M. Atmospheric thermometry for metallic surfaces by laser-induced second-harmonic generation 110419
Peddada, S.Das *see* Das Peddada, S.
Peddell, J.B., Leach, P.D., Ramirez, J.A., Freeman, E.M. Sonomagnetic field characterisation from induced, radial current waves 65702
Peddell, J.B. *see* Ramirez, J.A. 65609
Peddie, R.A. A practical alternative to group profiles 101800
Peddle, D. *see* Holden, H. 111256
Peddle, D.R., Hall, F.G., LeDrew, E.F. A comparison of NDVI and spectral mixture analysis for estimating biophysical properties in boreal forest terrain 120673
Peddle, D.R., LeDrew, E.F., Holden, H.M. Optical correction of scene fractions for estimating regional scale ocean coral abundance in Fiji 111243
Peddle, D.R. *see* Fernandes, R. 120670
Peddle, D.R. *see* Piwowar, J.M. 111294
Pedelty, J.A. *see* Basart, J.P. 73555
Pedersen, C., Skettrup, T. Laser modes and threshold conditions in N-mirror resonators 65393
Pedersen, C. *see* Hansen, P.L. 75894
Pedersen, F. *see* Blas, F. 79935
Pedersen, F. *see* Ronnqvist, C. 101310
Pedersen, H. *see* Raichur, A. 89583
Pedersen, H.C., Johansen, P.M. Observation of nondegenerate photorefractive parametric amplification 65538
Pedersen, H.C., Johansen, P.M. Longitudinal, degenerate, and transversal parametric oscillation in photorefractive media 116701
Pedersen, J.E. *see* Hubner, J. 95791
Pedersen, J.K. *see* Andersen, H.R. 121941
Pedersen, J.K. *see* Blaabjerg, F. 121665
Pedersen, J.K. *see* Munk-Nielsen, S. 112093
Pedersen, J.K. *see* Nielsen, P. 121566
Pedersen, J.W. *see* Spiekman, L.H. 78883
Pedersen, K. *see* Veng, T. 116083
Pedersen, K.R., Jrgensen, J.E. XANES study of rare-earth valency and 4f hybridization in $Pb_2Sr_2Ln_{1-x}Ca_xCu_3O_8$ for Ln=Ce, Pr and Tb 106653
Pedersen, N.V., Jakobsen, K.B., Vaa, M. Mode-locked 1.5 μm semiconductor optical amplifier fiber ring 68473
Pedersen, O. *see* Regula, M. 61926
Pedersen, R.J. *see* Nissov, M. 119135
Pedersen, R.J.S., Nissov, N., Mikkelsen, B., Poulsen, H.N., Stubkjaer, K.E., Gustavsson, M., van Berlo, W., Janson, M. Transmission through a cascade of 10 all-optical interferometric wavelength converter spans at 10 Gbit/s 68503
Pedersen, R.J.S. *see* Mikkelsen, B. 78776
Pedersen, R.J.S. *see* Mikkelsen, B. 88637
Pedersen, T. *see* Damgard, I. 76837
Pedersen, T.F. *see* Xirouchaki, C. 84164
Pedersen, T.K. Semi-variable speed operation–a compromise? 102570
Pedersen, T.P. *see* Knudsen, L.R. 76830
Pederson, L.R. *see* Armstrong, T.R. 81843
Pedio, M. *see* Betti, M.G. 74466
Pedlikova, J. *see* Lezal, D. 72974
Pedorenko, N.P., Belozubov, Ye.M., Vorozhbitov, A.I., Sosnin, N.F., Nazarov, V.I. Design features of metal-film strain-gauge pressure sensors with a single calibration characteristic 79386
Pedorenko, N.P. *see* Mokrov, Ye.A. 79387
Pedotti, A. *see* Carnevali, P. 90297
Pedotti, A. *see* Di Rienzo, M. 90265
Pedram, M. *see* Chi-Ying Tsui 83064
Pedram, M. *see* Iman, S. 84587
Pedram, M. *see* Iman, S. 93219
Pedram, M. *see* Jaewon Oh 82862
Pedram, M. *see* Jui-Ming Chang 113880
Pedram, M. *see* Marculescu, D. 73045
Pedram, M. *see* Marculescu, D. 82877
Pedram, M. *see* Pan, K.-R.R. 73242
Pedram, M. *see* Pyo, I. 72486
Pedram, M. *see* Yung-Te Lai 93222
Pedraza, L.De *see* De Pedraza, L.
Pedrazzani, J.R. *see* Bergano, N.S. 88646
Pedrazzani, J.R. *see* Judkins, J.B. 85030
Pedrazzani, J.R. *see* Patrick, H.J. 100085
Pedrazzani, J.R. *see* Stentz, A.J. 85402
Pedrazzani, J.R. *see* Strasser, T.A. 88633
Pedrazzani, R. *see* Namkyoo Park 96150
Pedrazzani, R. *see* Park, N. 68374
Pedrazzini, G. *see* Rossi, D. 73093
Pedregal, P. On the numerical analysis of non-convex variational problems 113201
Pedreira, C.E. *see* Roehl, N.M. 111878
Pedrini, G. *see* Yunlu Zou 76283
Pedrosa, F., Ribeiro, M.I. Sonar data processing for the navigation of a mobile robot 99674
Pedrosa, P.J. *see* Dias, A.E. 78205
Pedrotta, R. *see* Carugno, G. 100803
Pedrotti, K. *see* Gamelin, J. 88652
Pedrotti, L. *see* Deis, G. 106719
Pedrotti, S. *see* Giacomozzi, F. 63484
Pedroza, A. *see* Pirmez, L. 113827
Pedroza, A.C.P. *see* Pirmez, L. 74802
Pedroza, M.A. *see* Herrara G., M.A. 91974
Pedrycz, W. *see* Hathaway, R.J. 97798
Pedrycz, W. *see* Nakagawa, Y. 77476
Pedrycz, W. *see* Nakagawa, Y. 118603
Pedyash, B.V. *see* Chugunov, A.A. 93004
Peed, C.M. *see* Rogers, D.C. 78692
Peed, D.M., Anderson, H.U., Huebner, W. Characterization of solid oxide fuel cells by use of an internal Pt voltage probe 71687
Peek, H.L. *see* Boersma, Y.A. 89165
Peel, D. *see* McLachlan, G.J. 67061
Peel, D.J. *see* Howe, D. 91867
Peele, S. Protecting sensitive controls from momentary disturbances 122104
Peer, A. *see* Umiker, B. 77855
Peer, D. On the test bench–performance of a VHDL test bench 104278
Peer, D. VHDL "test bench" program. II 113656
Peerless, C.L. *see* Sims, A.J. 80563
Peerless, C.L. *see* Sims, A.J. 111028
Peerless, C.L. *see* Truscott, P.R. 80080
Peerless, C.L. *see* Truscott, P.R. 100827
Peers, N. *see* Eran, Y. 67951
Peeters, D. *see* Engels, M. 78482
Peeters, E., Steyaert, M., Sansen, W. HF measurement procedure for fully differential building blocks 113699
Peeters, E., Steyaert, M., Sansen, W. Test structures for HF characterization of fully differential building blocks 113786
Peeters, E.J.E.A. *see* Bienstman, J. 88981
Peeters, F.G.P. Interferometer with added flexibility in its use 119905
Peeters, F.M. *see* Bogaerts, R. 83889
Peeters, F.M. *see* De Keyser, A. 62742
Peeters, F.M. *see* Grynberg, M. 94363
Peeters, H. *see* Hoefman, M. 118735
Peeters, J., Roose, E., Vandam, L., Ackaert, A., Allaert, K., Van den Torren, L., Martens, L. The use of integrated resistors and buried capacitance in high performance telecom printed circuit boards 118700
Peeters, J. *see* Van Ackere, M. 118622
Peeters, R., Goubert, J., Ulrich, F. Leased line networks 118654
Peeters, R. *see* Binsma, J.J.M. 65224
Pegard, C., Mouaddib, E.M. A mobile robot using a panoramic view 79567
Pegels, C.C., Thirumurthy, M.V. The impact of technology strategy on firm performance 92101
Pegg, N.E. Conducting wire modelling in time domain codes 65605
Peggs, D.W., Skolnick, M.S., Whittaker, D.M., Hogg, R.A., Willcox, A.R.K., Mowbray, D.J., Grey, R., Rees, G.J., Hart, L., Hopkinson, M., Hill, G., Pate, M.A. Wannier-Stark ladder spectra in $InGa_{1-x}As-GaAs$ strained layer piezo-electric superlattices 62971
Peggs, S. Feedback between accelerator physicists and magnet builders 120049
Peggs, S., Mane, V. KRAKEN, a numerical model of RHIC impedances 89988

Peggs, S. *see* Dell, G.F. 89953
Peggs, S. *see* Mackay, W.W. 89986
Peggs, S. *see* Mane, V. 89987
Peggs, S. *see* Ptitsin, V.I. 89879
Peggs, S. *see* Syphers, M.J. 79937
Peggs, S. *see* Trbojevic, D. 89911
Peggs, S. *see* Wei, J. 89880
Peggs, S.G. *see* Wei, J. 79946
Pegon, P.M. *see* Floch, H.G. 85244
Pegon, P.M. *see* Floch, H.G. 106930
Pegoraro, F. *see* Bulanov, S.V. 79844
Pegoraro, M. *see* Alvsvaag, S.J. 90124
Pegram, J. Benefits to utilities from semiconducting linear low density polyethylene jackets on medium voltage power distribution cables 70892
Pegrum, C.M. *see* Atkin, I.L. 95505
Pegrum, C.M. *see* Hao, L. 95500
Peha, J.M. Simulating ATM integrated-services networks 67524
Peham, C., Scheidl, M., Licka, T. A method of signal processing in motion analysis of the trotting horse 90275
Pehl, R.H. *see* Cork, C.P. 80072
Pehl, R.H. *see* Cork, C.P. 92254
Pehl, R.H. *see* Gully, W.J. 111054
Pehlke, D.R., Sailer, A., Ho, W.-J., Higgins, J.A., Chang, M.F. Direct parametric extraction of 1/f noise source magnitude and physical location from baseband spectra in HBTs 93793
Pehlke, D.R., Sailer, A., Ho, W.-J., Higgins, J.A., Smith, H., Hebert, J., Vineyard, M. A predictive model describing the upconversion of 1/f noise into AM sideband noise in HBTs 62272
Pehlke, D.R. *see* Ho, M.C. 62271
Pehnt, M., Schulz, D.L., Curtis, C.J., Moutinho, H.R., Swartzlander, A., Mason, A.R., Ginley, D.S. One- and two-step spray deposition of CdTe thin films using nanoparticle precursors 104078
Pehrsson, T. Distribution automation–a utility perspective 81037
Pei, A., Ball, M., Ellison, M., Kang, X., Lee, S.Y., Li, D., Liu, J., Riabko, A., Wang, L. Longitudinal multibunch feedback experiment with switched filter bank 89976
Pei, A., Ellison, M., Friesel, D., Jenner, D., Kang, X., Lee, S.Y., Li, D., Liu, J., Riabko, A., Wang, L., Hedblom, K. The Indiana University Cooler injector synchrotron RF system 100653
Pei, A., Ellison, M., Friesel, D., Jenner, D., Kang, X., Lee, S.Y., Li, D., Liu, J., Riabko, A., Wang, L., Hedblom, K. The Indiana University Cooler injection synchrotron RF cavity 100654
Pei, A. *see* Kang, X. 89843
Pei, A. *see* Li, D. 79813
Pei, A. *see* Liu, J.Y. 89882
Pei, A. *see* Riabko, A. 89997
Pei, A. *see* Wang, L. 89881
Pei, J., Yousuf, M.I., Degertekin, F.L., Honein, B.V., Khuri-Yakub, B.T. Lamb wave tomography and its application in pipe erosion/corrosion monitoring 111392
Pei, Q. *see* Yang, Y. 96023
Pei, S.-C., Tseng, C.-C. Adaptive linear phase FIR filtering in the transform domain 97857
Pei, S.-C., Yeh, M.-H. Time and frequency split Zak transform for finite Gabor expansion 117375
Pei, S.-S. *see* Malin, J.I. 65334
Pei, S.-S. *see* Malin, J.I. 96263
Pei, S.-S. *see* Malin, J.I. 96405
Pei, S.S. *see* Kuo, J.M. 85101
Pei, S.S. *see* Yang, R.Q. 75928
Pei, S.S. *see* Yang, R.Q. 116512
Pei Li, Abbott, A.L., Schmoldt, D.L. Automated analysis of CT images for the inspection of hardwood logs 103495
Pei Liu *see* Liu Pei
Pei Ma Yu *see* Yu Pei Ma
Pei Shiyan *see* Shiyan Pei
Pei Soo-Chang *see* Soo-Chang Pei
Pei Xian-Deng *see* Xian-Deng Pei
Pei Xiandeng *see* Tang Yong 95656
Pei Xiandeng *see* Wu Hailiang 100171
Pei Yuan Ji *see* Yuan Ji Pei
Pei Yuan Xu *see* Xu Pei Yuan
Pei-Chih Chiu *see* Eliseev, P.G. 64973
Pei-Chih Chiu *see* Osinski, M. 96027
Pei-Da Ye *see* Ye Pei-Da
Pei-Hsin Tsien *see* Hongwei Wang 84039
Pei-Hsin Tsien *see* Tsien Pei-Hsin
Pei-Jun Ding *see* Ke-Ming Wang 85038
Pei-Jun Wu *see* Wu Pei-Jun
Pei-Kuen Wei, Chih-Chun Wei, Jui-Hung Hsu, Wun-Shain Fann Simultaneous reflection and transmission modes near-field scanning optical microscope 100079
Pei-Wen Chen *see* Hon-Fai Yau 117841
Pei-Wen Wang, Schultz, J.H., Pillsbury, R.D., Jr. Numerical modeling of the voltage sensors for quench detection in the TPX TF and PF conductors 106714
Pei-Wen Wang *see* Chaplin, M.R. 106727
Pei-Xia Xu *see* Xu Pei-Xia
Pei-Yung Hsiao, Ruey-Tzer Liaw, Jeong-Yuan Su Using ordered binary decision diagrams to factorize multi-level logic 73210
Peichen Pan, Liu, C.L. Optimal clock period FPGA technology mapping for sequential circuits 82880
Peichen Pan, Weiping Shi, Liu, C.L. Area minimization for hierarchical floorplans 73863
Peicheng Pan *see* Xiangfeng Chen 83102
Peida Ye *see* Chunyan Zhang 119178
Peida Ye *see* Hong Wang 68400
Peida Ye *see* Ruomei Mu 116161
Peida Ye *see* Zhong Cao 88457
Peida Ye *see* Zhong Cao 96154
Peida Ye *see* Ye Peida
Peiduan Fei *see* Shengyou Wang 69108
Peier, D. *see* Jendernalik, L. 81377
Peigang Li, Jiaqin Zhang, Yuquan Hao Combination of loosely and compactly coupled integrations of CAD tools and its applications in SAW devices design and fabrication 84758
Peigneux, J.-P. *see* Zalessky, V.B. 80056
Peigneux, J.-P. *see* Zalessky, V.B. 100890
Peigneux, J.P., Schneegans, M., Bateman, E., Burge, S., Cockerill, D., Connolly, J., Smith, B., Stephenson, R., Auffray, E., Barney, D., Dafinei, I., Lecoq, P., Virdee, T.S., Faure, J.L., Givernaud, A., Locci, E., Verrecchia, P., Barney, J., Cameron, W., Clark, D., Miller, D., Seez, C., Williams, M., Rusack, R., Bourotte, J., Haguenauer, M., Korzhik, M., Alexeev, G., Katchanov, V., Oukhanov, M., Shagin, P., Singovsky, A., Denes, P., Fluegel, T., Renker, D. Results from tests on matrices of lead tungstate crystals using high energy beams 120164
Peigney, A., Carles, V., Rousset, A. Phase transformation and microstructure evolution during the sintering of bismuth-manganese chemically doped zinc oxide powders 61439
Peignon, M.C., Clenet, F., Turban, G. Contact etching process characterization by using angular X-ray photoelectron spectroscopy technique 63280
Peiheng Wu *see* Tiejun Yu 95622
Peihong Liao *see* Liao Peihong
Peihong Zhang *see* Zhang Peihong
Peihsin Tsien *see* Hongfa Luan 84073
PeiHsin Tsien *see* Jinshu Zhang 84427
Peihsin Tsien *see* Tsien Peihsin
Peihua Qiu, Bhandarkar, S.M. An edge detection technique using local smoothing and statistical hypothesis testing 86950
Peikert, J.H. *see* Tran, T.D. 81667
Peila, N., Ney, M.M. A new TLM node for Berenger's perfectly matched layer 116808
Peiliang Qiu *see* Qiu Peiliang
Peinado, A.M. *see* Sanchez, V. 117333
Peinado, V. *see* Rodellar, V. 114122
Peinecke, V. *see* Mohr, P. 122108
Peiner, E. *see* Iber, H. 83849
Peiner, E. *see* Malacky, L. 104147
Peiner, E. *see* Shaobai Mo 105136
Peiner, E. *see* Wehmann, H.-H. 100044
Peins, G.A. *see* Comizzoli, R.B. 69007
Peipei Xie *see* Xie Peipei
Peiponen, K.-E. *see* Silvennoinen, R. 79295
Peir-Jyh Wang *see* Hon-Fai Yau 96662
Peir-Jyh Wang *see* Junewen Chen 116115
Peiris, M.S. Improving the precision on forecasting 92431
Peirlinckx, L., Guillaume, P., Pintelon, R., Van Biesen, L.P. A global system identification approach for the accurate parametric modeling of ultrasonic reflection and transmission experiments 82805
Peirlinckx, L. *see* Van Den Broeck, T. 110331
Peirlinckx, L. *see* Zhou, D. 120926
Peiro, F. *see* Roura, P. 105168
Peirong Ji *see* Ji Peirong
Peirs, J. *see* Reynaerts, D. 70187
Peirs, J. *see* Reynaerts, D. 70188
Peise, J. *see* Huenger, A. 69838
Peisert, H. *see* Schomann, S. 83980
Peisl, J. *see* Binder, M. 94257
Peisl, J. *see* Zolotoyabko, E. 75512
Peissi, W. Technology assessment in Austria–a tentative attempt 103357
Peitzer, W. EMI design criteria for wireless WAN capable computers 98664
Peitzmann, T., Barlag, C., Blume, C., Bohne, E.M., Bucher, D., Claussen, A., Glasow, R., Heine, N., Kampert, K.H., Santo, R., Schepers, G., Schlagheck, H., Schnittker, M., Verhoeven, W. A new monitoring system for the photon spectrometer LEDA in the WA98 experiment 100814
Peiwei Wang *see* Wang Peiwei
Peix, G. *see* Kaftandjian, V. 80158
Peixeiro, C., Barbosa, A.M. Analysis of circular patch antennas printed on multilayered anisotropic structures 66061
Peixian Ye *see* Huitian Wang 95705
Peixian Ye *see* Jiasen Zhang 107598
Peixiang Lu *see* Moreno, J.C. 75818
Peixin Qian *see* Jie He 84245
Peixoto, A.F. *see* Magalhaes, H.A. 88038
Peixoto, A.J. *see* Simpson, D.M. 101368
Peixoto, C.A.O. *see* Canelhas, A. 91117
Peixoto, G.R., de Oliveira, J.C., de Oliveira, F.A. A proposal for voltage flicker measurement in electrical power systems 102289
Peizhen Deng *see* Deng Peizhen
Peizhi Hong *see* Hong Peizhi
Pejanovic, M., Veljovic, Z., Petrovic, Z. Error rates for trellis coded PSK modulation with pilot tone in time-selective fading channel 119043
Pejhan, S., Schwartz, M., Anastassiou, D. Error control using retransmission schemes in multicast transport protocols for real-time media 77762
Pejhan, S., Schwartz, M., Anastassiou, D. Refinements to rate-based flow control with extensions to multidrop applications 108742
Pejovic, M. *see* Jaksic, A. 94990
Pejovic, M. *see* Ristic, G. 80141
Pejovic, P., Maksimovic, D. An algorithm for solving piecewise-linear networks that include elements with discontinuous characteristics 73072
Pejovic, S. *see* Gajic, A. 111821
Peka, H.P. New type of optoelectronic devices–forward-biased long photodiodes based on graded III-V alloy compounds 64928
Pekala, J. *see* Krzywaznia, A. 99849
Pekala, R. *see* Josephs, L.C. 83557
Pekala, R.W., Alviso, C.T., Nielsen, J.K., Tran, T.D., Reynolds, G.A.M., Dresselhaus, M.S. Electrochemical behavior of carbon aerogels derived from different precursors 104899
Pekala, R.W. *see* Tran, T.D. 112303
Pekar, J.J. *see* Ye, F.Q. 120338
Pekarek, J., Itoh, T. Use of frequency derivatives in the 3D full-wave spectral domain technique 83352
Pekarek, T.M. *see* McInturff, D.T. 104009
Pekel, U., Mittra, R. A hybrid MoM/FEM technique for the analysis of cavity-backed patch antennas embedded in large conducting surfaces 97317
Pekel, U., Mittra, R. Synthesis of a wideband, global boundary condition based on the reciprocity theorem for finite-element analysis 116843
Pekeler, M., Fuljahn, T., Schmuser, P., Padamsee, H., Champion, M., Crawford, C., Graber, J., Matheisen, A., Moller, W.-D., Proch, D. Thermometric study of electron emission in a 1.3 GHz superconducting cavity 119967
Pekeler, M. *see* Crawford, C. 79853
Pekeler, M. *see* Shu, Q.S. 100497
Pekergin, N. *see* Fourneau, J.M. 118524
Pekmestzi, K.Z. *see* Caraiscos, C.G. 83237
Pekmestzi, K.Z. *see* Caraiscos, C.G. 83240
Pekola, J.P. *see* Hirvi, K.P. 84043
Pekola, J.P. *see* Kauppinen, J.P. 114845
Pekonen, O.P.M., Jie Xu, Nikoskinen, K.I. Rigorous analysis of circuit parameter extraction from an FDTD simulation excited with a resistive voltage source 82831
Pel, E.T. *see* Chiang, R. 118178
Pel Qibing *see* Qibing Pel
Pelacchi, P. *see* Borghetti, A. 111650
Pelacchi, P. *see* Corbellini, U. 91123
Pelagagge, P.M. *see* Cardarelli, G. 84271
Pelagotti, A., Piuri, V. Spectral analysis and synthesis of three-layered feed-forward neural networks for function approximation 60981
Peiah, A. The visibility of simple features on complex backgrounds 108533
Pelaia, T.A. *see* Rogers, J.T. 100525
Pelanchon, F. *see* Moreau, Y. 105269
Pelanchon, F. *see* Sudre, C. 84296
Pelanchon, F. *see* Sudre, C. 84542
Pelanchon, F. *see* Sudre, C. 105270
Pelant, I. *see* El-Kader, K.M.A. 94319
Pelant, I. *see* Kocka, J. 94293
Pelant, I. *see* Kocka, J. 95959
Pelant, I. *see* Kudrna, J. 94255
Pelant, I. *see* Linnros, J. 96016
Pelant, I. *see* Tomasiunas, R. 94254
Pelayo, F.J. *see* Rojas, I. 62075
Pelc, A. Fault-tolerant broadcasting and gossiping in communication networks 117915
Pelc, A. *see* Chlebus, B.S. 87454
Pelc, A. *see* Diks, K. 67534
Pelc, A. *see* Diks, K. 98396
Pelc, A. *see* Diks, K. 108763
Pelc, A. *see* Kranakis, E. 98704
Pelc, N.J. *see* Yudong Zhu 70011
Pele, D. *see* Le Mestre, G. 86539
Peled, A. *see* Mirchina, N.R. 84671
Peled, A. *see* Peled, E. 81694
Peled, D. *see* Godefroid, P. 68012
Peled, D. *see* Godefroid, P. 118713
Peled, E. Fundamentals of lithium and "lithium-ion" electrode reactions in polymer and liquid electrolytes 81658
Peled, E., Golodnitsky, D., Ardel, G., Menachem, C., Bar Tow, D., Eshkenazy, V. The role of SEI in lithium and lithium ion batteries 112294
Peled, E., Golodnitsky, D., Ardel, G., Peled, A. Conduction mechanisms in concentrated PEO-based solid electrolytes 81694
Peleg, D. *see* Kranakis, E. 98704
Peleg, N., Shtrikman, S., Gorodetsky, G., Felner, I. Magnetoresistance in superparamagnetic Au-Co film 115474
Peleg, S. *see* Ben-Ezra, M. 77158
Peleg, S. *see* Benayoun, S. 70024
Peleg, S. *see* Rousso, B. 86456
Pelegrini, M., Benali, H., Ricard, M., Buvat, I., Frouin, F., El Fakhri, G., Aubert, B., Di Paola, R. Statistical model for 3D noise filtering in SPECT 80225
Pelegris, G. *see* Pieper, R.J. 67382
Pelella, M.M., Fossum, J.G., Dongwook Suh, Krishnan, S., Jenkins, K.A., Hargrove, M.J. Low-voltage transient bipolar effect induced by dynamic floating-body charging in scaled PD/SOI MOSFETs 63660
Pelella, M.M. *see* Chidambarrao, D. 115023
Pelella, M.M. *see* Dongwook Suh 93372
Pelezneva, I.A. *see* Chernokozhin, V.V. 99977
Pelfer, P.G. *see* Darmo, J. 120154
Pelfer, P.G. *see* Dubecky, F. 110574
Pelfer, P.G. *see* Dubecky, F. 120153

Pelfer, P.G., Ludwig, J., Runge, K., Rupprecht, H.S. *(editors)* Third International Workshop: Gallium Arsenide and Related Compounds 103304

Peli, E. Contrast of slightly complex patterns: computing the perceived contrast of Gabor patches 108528

Peli, E., Labianca, A.T., Fine, E.M. Video enhancement for the visually impaired 90620

Pelikant, A., Wiak, S. The influence of the rotor pole shape on the static and dynamic characteristics of the switched reluctance motor 71284

Pelillo, M. Clique finding relaxation labeling networks 86818

Pelin, P. *see* Ranheim, A. 117491

Pelinescu, G. *see* Micu, D. 71325

Pelinovsky, D.E., Kivshar, Y.S., Afanasjev, V.V. Instability-induced dynamics of dark solitons 107587

Pelinovsky, D.E. *see* Kivshar, Y.S. 76136

Pelissou, C. *see* Bruguier, C. 121447

Pelissou, C. *see* Zolghadri, M.R. 121934

Pelissou, S. Water absorption of extruded cable components 70921

Pelizzari, C.A., Grzeszczuk, R., Chen, G.T.Y., Heimann, R., Haraf, D.J., Vijayakumar, S., Ryan, M.J. Volumetric visualization of anatomy for treatment planning 69973

Pelizzari, C.A. *see* Fontenla, E. 110915

Pelka, R. *see* Kalisz, J. 104586

Pellandini, F. *see* Berthoud, C. 119599

Pellaumail, J. Over estimation of delays in ATM networks 87281

Pelle, C. *see* Dijon, J. 107451

Pellegrini, A., Colalongo, L., Gnudi, A., Rudan, M. Performance analysis of SiGe-base BJTs 63605

Pellegrini, A., Colalongo, L., Valdinoci, M., Rudan, M. AC analysis of amorphous-silicon structures [TFTs] 84422

Pellegrini, C. *see* Davis, P. 89606

Pellegrini, C. *see* Hogan, M. 76060

Pellegrini, C. *see* Katsouleas, T.C. 79848

Pellegrini, C. *see* Kim, K.J. 96533

Pellegrini, C. *see* Lampel, M. 89679

Pellegrini, C. *see* Tatchyn, R. 96526

Pellegrini, C. *see* Tran, P. 120022

Pellegrini, C. *see* Zhang, R. 89605

Pellegrini, F. *see* Antinori, F. 120156

Pellegrini, G. *see* Mirri, D. 110055

Pellegrini, P.F. *see* Costamagna, E. 88260

Pellegrini, P.F. *see* Cuomo, S. 88708

Pellegrini, R. *see* de Notaristefani, F. 110698

Pellegrini, V., Parlangeli, A., Boerger, M., Beltram, F., Vanzetti, L., Franciosi, A. Continuous wave half-gap second-harmonic generation in ZnCdSe/ZnSe asymmetric coupled quantum wells 76111

Pellegrini, V. *see* Diligenti, A. 94598

Pellegrino, F.A. *see* Dowd, P.W. 78006

Pellegrino, J.G. *see* Dura, J.A. 95062

Pellegrino, J.G. *see* Richter, C.A. 62881

Pellegrino, J.G. *see* Richter, C.A. 74422

Pellegrino, J.G. *see* Smirl, A.L. 105379

Pellegrino, M. *see* Addonizio, M.L. 61431

Pellegrino, S. *see* Corvasce, C. 107339

Pellerin, D., Spinei, A., Guerin-Dugue, A. Optical flow based on combined Gabor filters 98064

Pelletier, A. *see* Mason, L.G. 87292

Pelletier, J.F., Chaker, M., Kieffer, J.C. Picosecond soft-X-ray pulses from a high-intensity laser-plasma source 96104

Pelletier, M.J., Davis, K.L., Carpio, R.A. Applications of Raman spectroscopy for SC-1 processing bath concentration control 63391

Pelletier, P., Lemay, J., Brochu, J., Beauregard, F., Morin, G. The interphase power controller–a robust solution for synchronous interconnections and management of power flows 70775

Pelletier, P. *see* Slemp, D. 104838

Pelli, S. *see* Afonso, C.N. 92865

Pelli, S. *see* Baldacchini, G. 95942

Pelli, S. *see* Fick, J. 76221

Pelli, S. *see* Forastiere, M.A. 95804

Pelli, S. *see* Righini, G.C. 115980

Pelliccio, J.R. Predict component effects on MTI radar performance 88685

Pelligra, B. *see* Scandurra, A. 112913

Pellinen-Wannberg, A. *see* Wannberg, G. 79094

Pellizzari, T. *see* Zoller, P. 116158

Pello, R. *see* Goebel, R. 89075

Pello, R. *see* Kohler, R. 89067

Pello, R. *see* Kohler, R. 89079

Pelloie, J.L. *see* Dentan, M. 90222

Pelloie, J.L. *see* Dentan, M. 95214

Pelloie, J.L. *see* Ferlet-Cavrois, V. 106019

Pelloie, J.L. *see* Reichert, G. 95008

Pellot, C. *see* Senasli, M. 70060

Pellottiero, D. *see* Abbas, K. 101002

Pelosi, C. *see* Attolini, G. 92733

Pelosi, C. *see* Lottici, P.P. 82659

Pelosi, G., Cocciooli, R., Manara, G., Monorchio, A. A FEM analysis of the scattering from a truncated wedge 65800

Pelosi, G., Manara, G., Nepa, P. Diffraction by a wedge with variable-impedance faces 107869

Pelosi, G., Manara, G., Toso, G. Heuristic diffraction coefficient for plane-wave scattering from edges in periodic planar surfaces 97028

Pelosi, G. *see* Coccioli, R. 97080

Pelosi, G. *see* Coccioli, R. 97256

Pelosi, G. *see* Coccioli, R. 97274

Pelosi, G. *see* Coccioli, R. 97395

Pelosi, G. *see* Manara, G. 76409

Pelosi, G. *see* Nepa, P. 116841

Pelosi, N. *see* Brescia, M. 120705

Pelosi, N. *see* D'Argenio, B. 120655

Peloso, R.A. The use of the SPW DSP framework for a fixed point system design [TV ghost canceller] 99748

Pelouard, J.L. *see* Matine, N. 93852

Pelouard, J.L. *see* Sachelarie, D. 94943

Pelourson, A. *see* Durris, L. 101596

Pelova, V. *see* Dafinova, R. 95975

Pelster, R. *see* Schroeder, A. 105207

Pelt, M. *see* Panajotov, K. 85240

Peltier, J., Hansford, W. Flexible access to MCM technology via the multichip module designers' access service (MIDAS) 62526

Peltier, J., Hansford, W. MIDAS: The multichip module designers' access service 83673

Pelton, T.W. *see* Francis-Pelton, L. 92080

Peltonen, J.K., Wiik, K., Jukkala, P. 22 GHz VLBI receiver at the Metsahovi Radio Research Station 99710

Peltu, M. Minimising the risks of ICT failures having catastrophic consequences 60521

Pelusi, M., Ahmed, K.A., Liu, H.F., Novak, D., Ogawa, Y. Generation of 72 GHz pulse train from a passively mode-locked semiconductor laser using dispersion decreasing fibre 76011

Pelusi, M.D. *see* Ahmed, Z. 75970

Pelusi, M.D. *see* Kim, D.Y. 75973

Peluso, T. *see* Bratina, G. 72787

Peluso, T. *see* Leo, G. 63051

Peluso, T. *see* Leo, G. 82639

Peluso, T. *see* Prete, P. 62828

Pelz, F. *see* Stockmann, M. 99920

Pelz, J.P. *see* Kaczer, B. 74497

Pelz, J.P. *see* Seiple, J.V. 84170

Pelz, L.J., Anderson, B.L. Practical use of the spatial coherence function for determining laser transverse mode structure 85569

Pelz, L.J. *see* Anderson, B.L. 99589

Pelz, R.M., Jannet, B. Error concealment for robust arithmetic decoding in mobile radio environments 78486

Pelz, R.M. *see* Crespo, P.M. 99357

Pelzer, W. *see* Engels, O. 100746

Pelzer, W. *see* Schempp, A. 89704

Pelzing, M. *see* Bauer, S. 84193

Pelzl, G. *see* Yaroshchuk, O. 85747

Pelzl, J. *see* Lee, S.P. 115481

Pelzl, J. *see* Spoddig, D. 64370

Pember, I., Smith, J., Kemhadjian, H. Quantification and cure of a softening non-linearity in resonating cantilevers fabricated using the boron etch stop 63980

Pember, S.J., France, C.M., Jones, B.E. Optical powering of a multiplexed network of hybrid sensors 79447

Pemberton, J.B., Woods, K., Preis, T.R. Curriculum solutions for inclusive schools through technology 92062

Pemble, M.E. *see* Zhang, J. 61290

Pemble, M.E. *see* Zhang, J. 103864

Pemmaraju, S., Mitra, S. Efficient image coding using multiresolution wavelet transform and vector quantization 77431

Pemmaraju, S. *see* Mitra, S. 77430

Pemmaraju, S. *see* Mitra, S. 97958

Pemmaraju, S. *see* Mitra, S. 108557

Pemmaraju, S.V. *see* Ghosh, S. 98470

Pempe, M., Weist, H.-J. Small-channel systems at the lower network levels and in telecom system networking 67645

Pen, E.F. *see* Vyukhina, N.N. 75410

Pen Jiaxiong *see* Jiaxiong Pen

Pen Kuenchi *see* Huang Maoquan 65159

Pen Wei *see* Wei Pen

Pen Wenji *see* Wenji Pen

Pen Zhongling *see* Zhongling Pen

Pen-Shu Yeh, Miller, W.H. The development of lossless data compression technology for remote sensing applications 66625

Pen-Shu Yeh, Miller, W.H., Hou, S. Performance of an enhanced DCT compression system for space applications 120697

Pena, J.L. *see* Anguiano, E. 95324

Pena, J.M. Pivoting strategies leading to small bounds of the errors for certain linear systems 60915

Pena, J.M. *see* Carnicer, J.M. 66746

Pena, R., Clare, J.C., Asher, G.M. Doubly fed induction generator using back-to-back PWM converters and its application to variable-speed wind-energy generation 71213

Pena, R., Clare, J.C., Asher, G.M. A doubly fed induction generator using back-to-back PWM converters supplying an isolated load from a variable speed wind turbine 121406

Pena, R.S., Asher, G.M., Clare, J.C. Wind turbine driven, doubly-fed, induction generator for grid connected and stand alone applications 102589

Pena-Mora, F., Hussein, K., Sriram, R.D. CAIRO: a system for facilitating communication in a distributed collaborative engineering environment 87872

Penache, D. *see* Udrea, M. 75598

Penagos, J.D., Prabhakaran, N., Wunnava, S.V. An efficient scheme for dynamic signature verification 108453

Penalver, J. *see* Greve, A. 119348

Penaranda-Foix, F. *see* Navarro-Martinez, I. 112772

Penard, E. *see* Hettak, K. 93661

Penard, E. *see* Murgulescu, M.-H. 62156

Pence, J. *see* Leung, L.C. 70800

Pence, J.E. *see* Basu, S. 79678

Pence, W.E. *see* Burghartz, J.N. 83514

Pencikowski, P., Csik, P. A long-range synthetic vision system combining a pyrotechnic-pumped laser and range-gated camera 90883

Penco, R. *see* Losasso, M. 90242

Pendarakis, D.E. *see* Orda, A. 87313

Pendekanti, R., Henriquez, C., Wolf, P.D., Hoffmann, D., Yang, W. A combined experimental and modeling approach for designing transvenous defibrillation leads 120481

Pender, J. *see* Brake, M.L. 60472

Pender, W.A. *see* Richardson, D.J. 68365

Pendharkar, S., Shenai, K. A circuit simulation model for high-power high-speed GaAs Schottky diodes 61605

Pendharkar, S., Shenai, K. A critique of the turn-on physics of power bipolar devices 63519

Pendharkar, S., Shenai, K. Performance evaluation of high-power GaAs Schottky and silicon p-i-n rectifiers in hard- and soft-switching applications 71426

Pendharkar, S., Shenai, K. High temperature performance of high-power GaAs Schottky and silicon p-i-n rectifiers in hard- and soft-switching power converters 112138

Pendharkar, S. *see* Trivedi, M. 112101

Pendharkar, S.P., Winterhalter, C.R., Shenai, K. Modelling and characterization of the reverse recovery of a high-power GaAs Schottky diode 63542

Pendleton, R., Ko, K., Ng, C., Neubauer, M., Schwarz, H., Rimmer, R. PEP-II B-factory prototype higher order mode load design 100685

Pendleton, R. *see* Rizawa, T. 100692

Pendock, G.J., Lacey, J.P.R. Reduction of Raman penalty in multiwavelength transmission using midspan spectral inversion 119253

Pendock, G.J., Sampson, D.D. Coherence multiplexed networks: experimental demonstration and capacity predictions 78756

Pendock, G.J., Sampson, D.D. Transmission performance of high bit rate spectrum-sliced WDM systems 119186

Pendock, G.J. *see* Cahill, M.J.L. 76010

Pendock, G.J. *see* Lacey, J.P.R. 76038

Pendock, G.J. *see* Lacey, J.P.R. 78765

Pendock, G.J. *see* Lacey, J.P.R. 78779

Pendrick, V.A. *see* Kumar, A.H. 92269

Pendrill, L.R. *see* Aman, J. 99822

Pendrill, L.R. *see* Talvitie, H. 107291

Pendyala, C.M. *see* Sherali, H.D. 68082

Penedo, M.G. *see* Pardo, J.M. 90286

Peneff, N.L. *see* Gupta, B.S. 70211

Penfield, P., Jr., Larson, R.C. Education via advanced technologies 112762

Penfold, J. *see* Bland, A.C. 75204

Peng, A.C. *see* Solak, M.K. 62102

Peng, B. *see* Izumitani, T. 84937

Peng, C., Hirschman, K.D., Fauchet, P.M. Carrier transport in porous silicon light-emitting devices 83797

Peng, C.J. *see* Chor, E.F. 84350

Peng, C.K., Lan, W.H., Tu, S.L., Yang, S.J., Chen, S.S., Lin, C.C. High performance non-alloyed pseudomorphic high electron mobility transistors 92720

Peng, C.Y., Liu, A.K., Chang, S.Y.-S. Detection and analysis of ship waves in ERS-1 SAR imagery 111242

Peng, G.D., Chu, P.L., Xiong, Z., Whitbread, T., Chaplin, R.P. Organic dye-doped polymer optical fibre amplifier 75825

Peng, G.D., Chu, P.L., Xiong, Z., Whitbread, T., Chaplin, R.P. Broadband tunable optical amplification in Rhodamine B-doped step-index polymer optical fibre 107142

Peng, G.D. *see* Chu, P.L. 85606

Peng, G.D. *see* Chu, P.L. 95693

Peng, G.D. *see* Ye, A.L. 75467

Peng, H., Caulfield, H.J., Kinser, J., Hereford, J. Optimization filters design for GFT by genetic algorithm 75661

Peng, J., Nakagawa, M. Fast frequency-hopped MFSK with multi-antenna transmission diversity system for indoor radio channel 118943

Peng, J. *see* Sang, N. 66999

Peng, J. *see* Zhou, C. 86939

Peng, J.-G. *see* Lu, S.-C. 74007

Peng, J.-X. *see* Xiong, Y. 108655

Peng, J.-X. *see* Xiong, Y. 108656

Peng, J.C. *see* Leitch, M.J. 90240

Peng, J.Z., Haddad, S., Hsu, J., Jian Chen, Longcor, S., Chi Chang Accurate simulation on band-to-band tunneling induced leakage current using a global non-local model 84392

Peng, L. *see* Brozek, T. 105974

Peng, N.C., Huang, C., Chao, M., Sung, K.T., Chang, Y. Effects of N_2O-anneal induced nitrogen residue at LOCOS isolation edges on dielectric breakdown of regrown oxides 94606

Peng, Q., Bertram, H.N. Micromagnetic studies of microstructual dependence of track edge recording

on signal and nonlinearities in longitudinal thin film media 115671
Peng, S., McCleer, P.J., Haddad, G.I. Intermodulation analysis of FET resistive mixers using Volterra series 93797
Peng, S.C. An equalizer design for nonminimum phase channel via two-block H_∞ optimization technique 97730
Peng, S.T., Wu, J.J. A simple formulation for complex modes of image lines 85934
Peng, W.-C. *see* Rege, K.M. 88375
Peng, X. *see* Guzelian, A.A. 105151
Peng, X.-H., Farrell, P.G. On the general threshold decoding rule and related codes 66337
Peng, X.-H., Farrell, P.G. Efficient permutation criterion for obtaining minimal trellis of a block code 66548
Peng, X.Y. *see* Xin, J.G. 107106
Peng, Y.-K.M. *see* Gusev, V.K. 107815
Peng, Y.M. *see* Lin, W. 72955
Peng, Z.C. *see* Zhang, H.Y. 116707
Peng Bai *see* Bai Peng
Peng Chaoqun *see* Zhai Hongchen 99895
Peng Cheng, Chundi Mu An intelligent method from quality to quantity for daily dispatch of power systems 111483
Peng Fang, Li, P.C., Yue, J.T. Circuit hot carrier reliability simulation in advanced CMOS technology process development 84585
Peng Fang Zheng *see* Fang Zheng Peng
Peng Gang Ding *see* Gang Ding Peng
Peng Guanghua *see* Zhang Shichang 62212
Peng Guanghua *see* Guanghua Peng
Peng Haifeng *see* Haifeng Peng
Peng Hailiang *see* Xiao Yongxin 99631
Peng Hansheng *see* Zhang Shukui 116695
Peng Hong *see* Hong Peng
Peng Hwa Ang, Nadarajan, B. Censorship and the Internet: a Singapore perspective 87659
Peng Jian *see* Jian Peng
Peng Jianliang *see* Lin Zhi 116919
Peng Jiaxiong *see* Xiong Yan 108405
Peng Jiaxiong *see* Zhang Tianxu 86945
Peng Jih-Ping *see* Jih-Ping Peng
Peng Jing *see* Jing Peng
Peng Jinsheng *see* Li Gaoxiang 75775
Peng Junbiao *see* Junbiao Peng
Peng Kunchi *see* Pan Qing 65157
Peng Kunchi *see* Kunchi Peng
Peng Lee Keat *see* Lee Keat Peng
Peng Li *see* Li Peng
Peng Lihui *see* Yao Danya 110443
Peng Qingzhi *see* Qingzhi Peng
Peng Qunsheng *see* Guo Honghui 69972
Peng Qunsheng *see* Li Jiang 108559
Peng Qunsheng *see* Ma Lizhuang 60923
Peng Seng Toh *see* Xiahua Yang 83605
Peng Seng Toh *see* Toh Peng Seng
Peng Shusheng *see* Shusheng Peng
Peng Song *see* Song Peng
Peng Tian *see* Tian Peng
Peng Wang *see* Billinton, R. 81054
Peng Wang Tai *see* Tai Peng Wang
Peng Wen-ji *see* Wen-ji Peng
Peng Wuxu *see* Wuxu Peng
Peng Xiaolan *see* Wu Bin 80804
Peng Ying-Ning *see* Ying-Ning Peng
Peng Yinging *see* Zhang Xiaoping 97827
Peng Yonghua *see* Yonghua Peng
Peng Yuheng, Chen Songyan, Chen Weiyou, Zhao Tiemin, Liu Shiyong Design of InGaAs(P) separate-confinement-heterostructure strained quantum-well lasers 65297
Peng Yuheng, Chen Weiyou, Zhau Tiemin, Liu Shiyong The simple calculation of the wavelength of gain-peak in compressively strained quantum well lasers 107267
Peng Yuheng *see* Chen Weiyou 62846
Peng Yuhua, Wang Wenbing Application of wavelet analysis for detecting the arrival time of scattered wave and denoising 108243
Peng Yuqing *see* Zhang Huijuan 102903
Peng Yuxing, Chen Fujie, Chen Shuming A performance-driven technology mapping algorithm 113692
Peng Zebo *see* Zebo Peng
Peng Zhi Gang *see* Zhi Gang Peng
Peng Zhi-Qiang *see* Kislinskii, Yu.V. 84909
Peng Zhongling *see* Zhongling Peng
Peng Zongren *see* Zongren Peng
Peng-Heng Chang *see* Chen-Tang Huang 72858
Peng-Lin *see* Youshu-Huang 89152
Peng-Seng Toh *see* Wee-Seon Ching 77468
Peng-Ye Wang *see* Ping Xie 65536
Peng-Ye Wang *see* Ping Xie 107603
Pengfei Zhang *see* Zhang Pengfei
Pengg, F., Campbell, M., Heijne, E.H.M., Snoeys, W. Pixel frontend electronics in a radiation hard technology for hybrid and monolithic applications 90221
Pengg, F., Campbell, M., Heijne, E.H.M., Snoeys, W. Pixel frontend electronics in a radiation hard technology for hybrid and monolithic applications 100883
Penghua Zhang *see* Yaohui Zhang 62852
Pengshou Xu *see* Dayan Ban 83910
Pengshou Xu *see* Fengyuan Yang 83909
Pengto Song *see* Song Pengto
Pengyi Su *see* Su Pengyi
Penicka, M. *see* Friedsam, H. 89906
Penin, N.A. Negative capacitance in semiconductor structures 62660
Penina, N.M. *see* Popovici, G. 84090
Penkethman, J.A. Optomechanical tolerancing by means of system modeling with affine transformations 116168
Pen'kov, B.A. *see* Dolinina, V.I. 85365
Penlington, R. *see* Sarwar, M. 89175
Penman, J. *see* Smith, K.S. 70774
Penn, C. *see* Brunthaler, G. 62966
Penn, D. *see* Farag, A.S. 102136
Penn, M.J., Dougherty, B.L., Cabrera, B., Clarke, R.M., Young, B.A. Charge collection and trapping in low-temperature silicon detectors 79997
Penn, M.J. *see* Lee, A.T. 100904
Penn, S.J., Alford, N.McN. HTS shielded dielectric resonators 62164
Penn, S.J. *see* Button, T.W. 95394
Pennacchi, R. *see* Decker, F.-J. 100691
Pennacchia, J. *see* Perfecto, E.D. 94145
Pennacchio, E. *see* Autiero, D. 69815
Pennacchio, E. *see* Autiero, D. 80006
Pennathur, S.S. *see* Reigrotzki, M. 114604
Pennec, X., Ayache, N. Randomness and geometric features in computer vision 86418
Pennel, R. *see* North, S.J. 73844
Pennell, M. *see* Parsi, K. 75263
Pennelli, G. Transient voltage behavior of free-standing porous silicon layers 114566
Pennelli, G. *see* Bagnoli, P.E. 94824
Pennelli, G. *see* Diligenti, A. 94598
Penney, B.J. *see* Diamond, S.K. 117195
Penney, B.J. *see* Van Dusen, C.H. 119414
Penney, D.C. *see* Lachapelle, G. 88392
Penney, T. *see* Terry, I. 74232
Penninckx, D., Pierre, L., Thiery, J.-P., Clesca, B., Chbat, M., Beylat, J.-L. Influence of the sequence spectrum bandwidth on the dispersion-limited propagation length 78714
Penninckx, D., Pierre, L., Thiery, J.-P., Clesca, B., Chbat, M., Beylat, J.L. Relation between spectrum bandwidth and the effects of chromatic dispersion in optical transmissions 68501
Penninckx, D., Pierre, L., Thiery, J.-P., Clesca, B., Chbat, M., Beylat, J.L. Analysis of the influence of the sequence spectrum bandwidth on the dispersion-limited propagation length 88512
Penninckx, D. *see* Delansay, P. 109646
Penning, F.C., Maior, M.M., Wiegers, S.A.J., van Kempen, H., Maan, J.C. A sensitive capacitance thermometer at low temperature for use in magnetic fields up to 20 T 99902
Penning de Vries, R. *see* Kalnitsky, A. 63700
Pennings, E.C.M. *see* Tiemeijer, L.F. 96385
Pennington, D.M., Henesian, M.A., Wilcox, R.B., Weiland, T.L., Eimerl, D., Ehrlich, R.B., Laumann, C.W., Miller, J.L. A four-color beam smoothing irradiation system for laser-plasma interaction experiments at LLNL 85424
Pennington, M. *see* Koopman, N. 94055
Pennington, R.J. *see* Jones, M.R. 92196
Pennington, W.T. *see* Schimek, G.L. 74313
Pennino, U.del *see* del Pennino, U.
Pennock, S.R. *see* Cryan, M.J. 62307
Pennock, S.R. *see* Fan, Z. 62144
Pennock, S.R. *see* Fan, Z. 62151
Pennock, S.R. *see* Fan, Z. 65945
Pennock, S.R. *see* Spillard, C. 73626
Pennock, S.R. *see* Stoiljkovic, V. 66098
Pennock, S.R. *see* Stoiljkovic, V. 116957
Pennock, S.T. *see* Poggio, A.J. 70389
Pennoni, G. *see* Muratore, F. 119121
Penny, M. *see* Yang, Y. 106671
Penot, J.-P. Conditioning convex and nonconvex problems 92507
Penrice, J. *see* Cady, E.B. 80283
Pensl, G., Afanas'ev, V.V., Bassler, M., Schadt, M., Troffer, T., Heindl, J., Strunk, H.P., Maier, M., Choyke, W.J. Electrical properties of silicon carbide polytypes 105224
Pensl, G. *see* Kimoto, T. 104049
Pensl, G. *see* Schoner, A. 105229
Pensl, G. *see* Stein, R.A. 105586
Penso, G. *see* Golovkin, S.V. 80125
Penso, G. *see* Martellotti, G. 80122
Pensotti, S. *see* Acciarri, M. 120165
Pentegov, I.V. On the theory processes of charging of capacity storages of energy 103046
Pentia, E. *see* Pintilie, L. 63187
Pentland, A. *see* Campbell, L.W. 117891
Pentland, A. *see* Moghaddam, B. 86433
Pentland, A. *see* Nastar, C. 67267
Pentland, A. *see* Roy, D. 117297
Pentland, A.P. *see* Darrell, T. 86787
Penttila, S.I., Bowman, J.D., Delheij, P.P.J., Frankle, C.M., Haase, D.G., Postma, H., Seestrom, S.J., Yi-Fen Yen A neutron beam polarizer for study of parity violation in neutron-nucleus interactions 120006
Penty, R.V. *see* Peter, L.M. 94270
Penty, R.V. *see* White, I.H. 78705
Penty, R.V. *see* Williams, K.A. 65245
Pentzen, H. Solution of practical problems as a result of the new energy act in Norway 101803
Penunuri, D., Baghai-Wadji, A.R., Hickernell, T.S. Two- and three-dimensional elemental charge distributions in leaky acoustic wave devices 106422
Penunuri, D. *see* Baghai-Wadji, A.R. 106431
Penunuri, D. *see* Baghai-Wadji, A.R. 106445
Penza, M., Martucci, C., Anisimkin, V.I., Vasanelli, L. Deposition of doped and undoped ZnO thin films for gas sensors 61429
Penza, M. *see* Anisimkin, V.I. 110259
Penza, M. *see* Anisimkin, V.I. 110260
Penzhorn, W.T. Correlation attacks on stream ciphers: computing low-weight parity checks based on error-correcting codes 66512
Penzkofer, A. *see* Wittmann, M. 65421
Pepe, A.A. *see* Wei Chang 75765
Pepeljugoski, P. *see* Crow, J.D. 119221
Pepeljugoski, P.K. *see* Wong, Y.M. 119220
Pepi, J.W., Altshuler, T.L. Thermal strain characteristics of RBO silicon carbide to 4 K and resultant hysteresis 64608
Pepi, J.W. *see* Triebes, K.J. 64867
Pepin, A., Vieu, C., Schneider, M., Planel, R., Bloch, J., Assayag, G.B., Launois, H., Marzin, J.Y., Nissim, Y. GaAs/AlGaAs quantum wires fabricated by SiO_2 capping-induced intermixing 83916
Pepin, A., Vieu, C., Schneider, M., Planel, R., Launois, H., Nissim, Y. Conservation of photoluminescence splittings related to one-monolayer thickness variations in GaAs/AlGaAs quantum wells after SiO_2 capping-induced intermixing 74432
Pepin, M.P., Sacchini, J.J. Preserving exponentials in synthetic aperture radar data 111151
Pepler, D.A. *see* Danson, C.N. 85429
Peppel, E. *see* Ban, J. 69810
Pepper, A. Holography on the Internet: a useful resource or expensive distraction? 96759
Pepper, D.M., Dunning, G.J., Mitchell, P.V., McCahon, S.W., Klein, M.B., O'Meara, T.R. Materials inspection and process control using compensated laser ultrasound evaluation (CLUE™): demonstration of a low-cost laser-ultrasonic sensor 103478
Pepper, M. *see* Amone, D.D. 105272
Pepper, M. *see* Chabasseur-Molyneux, V. 74468
Pepper, M. *see* Davies, A.G. 62908
Pepper, M. *see* Field, M. 83946
Pepper, M. *see* Field, M. 105362
Pepper, M. *see* Frost, J.E.F. 62934
Pepper, M. *see* Hughes, R.J.F. 95019
Pepper, M. *see* Liang, C.-T. 106099
Pepper, M. *see* Mace, D.R. 63097
Pepper, M. *see* Millard, I.S. 62829
Pepper, M. *see* Millard, I.S. 74359
Pepper, M. *see* Patel, N.K. 62900
Pepper, M. *see* Patel, N.K. 83947
Pepper, M. *see* Rubel, H. 105360
Pepper, M. *see* Savchenko, A.K. 106082
Pepper, M. *see* Shields, A.J. 62984
Pepper, M. *see* Shields, A.J. 74414
Pepper, M. *see* Shiltont, J.M. 74326
Pepper, M. *see* Turner, N. 63028
Pepper, M. *see* Zailer, I. 105748
Pepper, M.G. *see* Akhlaghi, F. 101065
Peppermuller, C. *see* Kimoto, T. 104049
Peppley, B.A. *see* Amphlett, J.C. 91865
Peppley, B.A. *see* Amphlett, J.C. 112312
Pequeno, M.C., de Carvalho, J.M., Hattori, M.T. Methodology for building numerical structures for SIPREX–a coupled expert system for digital filter design 83234
Peracaula, J. *see* Cipolla-Ficarra, M. 102683
Peracaula, J. *see* Cipolla-Ficarra, M. 121935
Perahia, J., Nayar, C.V. Model and simulation of a wind turbine powered permanent magnet alternator battery charging system 71209
Peraire, J. *see* Morgan, K. 85850
Perakis, I.E. *see* Mycek, M.-A. 76268
Peral, E., Capmany, J., Marti, J. Design of fibre grating dispersion compensators using a novel iterative solution to the Gel'fand-Levitan-Marchenko coupled equations 64654
Perala, R. *see* Soderlund, L. 102524
Peraldi, M.A., Andre, C., Boufaied, H. Distributed synchronous processes for control systems 98731
Perales, M.A. *see* Carrasco, J.M. 121695
Peralta, L. *see* Alvsvaag, S.J. 90124
Peralta, R., Okamoto, E. Faster factoring of integers of a special form 66289
Peralta, R. *see* Boyar, J. 76822
Peralta, X.G. *see* Kono, J. 105391
Perantonis, S.J., Karras, D.A. Tracking endocardial border motion in ultrasonic images by using neural networks and ARIMA modelling techniques 110759
Perasso, A. *see* Caorsi, S. 66011
Peratt, A.L., Mostrom, M.A. Multiple platform application of 3D CAD PIC simulations in pulsed power 71613
Perbet, J.N., Parus, R. HUD for civilian aircraft 90710
Percheron-Guegan, A., Latroche, M., Achard, J.C., Chabre, Y., Bouet, J. Correlations between the structural and thermodynamic properties of $LaNi_5$ type hydrides and their electrodes performances 71657
Perciballi, M. *see* Mainella, G. 68822
Percival, D.B. *see* Lindsay, R.W. 70514
Percival, M., Monteiro, A. Hazardous goods fleet management and traffic control; co-operative data exchange: project PORTICO 99422
Percival, R.M., Oliver, S.N., Wyatt, R. High-speed operation of an optically amplified system in the first telecommunications (800-850 nm) window 78947

Percival, R.M., Oliver, S.N., Wyatt, R. Optically amplified first window systems experiments 109649
Percival, T. CSIRO's research into broadband fixed and mobile network services 98554
Percolla, G. *see* Battaglia, A. 63241
Percolla, G. *see* Cardella, G. 110599
Percsi, L. *see* Harsanyi, G. 83671
Perdikaris, G.A., Rao, A.S. Computer simulation of real-time control systems 71788
Perdikaris, N. *see* Hackett, M.T. 69996
Perebeinos, V.V. *see* Baryshnikov, F.F. 65384
Perebeinos, V.V. *see* Baryshnikov, F.F. 96440
Perebeinos, V.V. *see* Baryshnikov, F.F. 96575
Perebejnos, V.V. *see* Baryshnikov, F.F. 116578
Perebeynos, S.V. *see* Kotov, V.N. 79244
Pereda, P. *see* Rocha, R. 116591
Peredel'skii, G.N., Nechaev, I.A., Nechaeva, N.V. Simplifying the analysis of measuring circuits with multielement two-terminal networks 99818
Peredo, J.C., Patterson, G.N., Fedyunin, Y.N. Domain collapse in grooved magnetic garnet material 84801
Peredo, R. *see* Spencer, T.A. 62633
Perego, A. *see* Barbiellini, G. 69722
Perego, C. *see* Sberveglieri, G. 69370
Perego, C. *see* Sberveglieri, G. 72886
Peregrim, W.D. Comparison of RF joint corrosion in different environments 62435
Peregrino, L. *see* Cosart, L.D. 117413
Peregudov, A.N., Shevelko, M.M., Yakovlev, S.G. Automated instrument for ultrasonic structural analysis 79232
Pereiaslavets, B., Bachem, K.H., Braunstein, J., Eastman, L.F. GaInP/InGaAs/GaAs graded barrier MODFET grown by OMVPE: design, fabrication, and device results 104850
Pereira, A.A., Coelho, E.A.A., Farias, V.J., de Freitas, L.C., Vieira, J.B., Jr. A new ZC-ZVS forward converter 71439
Pereira, A.A., Coelho, E.A.A., Farias, V.J., de Freitas, L.C., Vieira, J.B., Jr. A new forward ZCS-ZVS converter 121657
Pereira, A.A., de Freitas, L.C., Vieira, J.B., Jr. A new forward converter with soft commutation 102825
Pereira, A.A. *see* Pinto, J.A.C. 121600
Pereira, A.Alves *see* Alves Pereira, A.
Pereira, A.S., Frere, A.F., Marques, P.M.A., Schiabel, H., Marques, M.A., de Oliveira, H.J.Q., Gonzaga, A., Ferrari, R.J. Detection and characterization of microcalcifications in mammographic images 101140
Pereira, A.S. *see* Marques, M.A. 101142
Pereira, A.Sousa *see* Sousa Pereira, A.
Pereira, C.E. *see* Halang, W.A. 73519
Pereira, F.Lobo *see* Lobo Pereira, F.
Pereira, H. *see* Lima, J.A. 92552
Pereira, J. *see* Miranda, V. 102100
Pereira, J.M. *see* Asawa, M. 88251
Pereira, J.M.N. The effects of zero padding on the CDPD wide-area IVHS data load 88379
Pereira, J.S. *see* Barbosa, F.R. 96066
Pereira, J.Torres *see* Torres Pereira, J.
Pereira, L.G. *see* Mendes, K.C. 84787
Pereira, M., Sadek, K. Application of power active filters for mitigation of harmonics 91030
Pereira, M.F., Jr., Henneberger, K. Green's functions theory for semiconductor-quantum-well laser spectra 85492
Pereira, M.F., Jr., Henneberger, K. Greens functions theory for semiconductor quantum well laser spectra 96342
Pereira, M.F. Jr. *see* Diessel, A. 75957
Pereira, M.V.F., Campodonico, N.M., Gorenstin, B.G., Costa, J.P. Application of stochastic optimization to power system planning and operation 91064
Pereira, M.V.F. *see* Mello, J.C.O. 102025
Pereira, M.V.P. *see* Shirmohammadi, D. 70832
Pereira, N. *see* Nolting, E. 69899
Pereira, P. *see* Osorio, P. 99871
Pereira, R.G., Van Hove, M., de Potter, M., Van Rossum, M. Influence of CH_4/H_2 reactive ion etching on the deep levels of Si-doped $Al_xGa_{1-x}As$ $(x=0.25)$ 83847
Pereira, R.G. *see* Abbade, M.L.F. 94528
Pereira, S. *see* Silva, A. 110819
Pereira da Silva, E. *see* Lobo Pereira, F. 90833
Perekalina, T.M., Gubkin, M.K., Shapiro, A.Ya., Chubarenko, V.A. Conductivity jumps and low-temperature magnetoresistance in the new semiconducting perovskites $La_{1-x}Bi_xMnO_{3+\delta}$ 114679
Perekopskii, I.T. *see* Tokarev, A.B. 70411
Perello, C., Millan, J. A measurement capabilities database as a way to create virtual instruments 119556
Perello, C., Poch, N., Schroeter, C., Millan, J. An open system to interface IEEE-488 measurement devices designed in a microelectronics environment 109996
Perelman, I.I. Object output-response predictors (OORP). 2. OORP design with incomplete a priori information on an object 86202
Peremans, A., Tadjeddine, A., Zheng, W.Q., Guyot-Sionnest, P., Remy, P., Ryschenkow, G., Buck, M., Caudano, Y., Yu, L.M., Thiry, P.A., Bourguignon, B., Dubost, H., Draggnea, B., Carrez, S. Vibrational spectroscopy at interfaces by ir-vis sum-frequency generation using CLIO FEL 107401
Peremans, A., Tadjeddine, A., Zheng, W.Q., Le Rille, A. Interface vibrational spectroscopy by sum-frequency generation 76201
Peremans, A. *see* Glotin, F. 107383
Peremans, A. *see* Ortega, J.M. 107394
Peremans, H. *see* Veelaert, P. 90866
Perennec, A. *see* Le Berre, D. 65332
Perennes, S. *see* Bermond, J.-C. 119231
Perennes, S. *see* Gavoille, C. 98512
Perepelitsa, S.G., Dyczij-Edlinger, R., Jin-Fa Lee Finite-element analysis of arbitrarily shaped cavity resonators using H_1(curl) elements 93749
Perepelitsa, S.G. *see* Dyczij-Edlinger, R. 62344
Perepelkin, V.A., Mekhannikov, A.I. Stability of microwave multimeter algorithms 69377
Perepelkin, V.A. *see* Mekhannikov, A.I. 68951
Perepelkin, V.A. *see* Mekhannikov, A.I. 69445
Perera, A.G.U. Homojunction interfacial workfunction internal photoemission (HIWIP) infrared detectors 79420
Perera, A.G.U., Yuan, H.X., Francombe, M.H. Homojunction infrared detector classification and analysis 69160
Perera, A.G.U. *see* Choe, J.-W. 74364
Perera, A.G.U. *see* Yuan, H.X. 69140
Perera, A.H., Hsing-Huang Tseng Gate etch induced diode leakage prevention with 7-nm CVD stacked gate dielectric 115217
Perera, B.L.P.P., Farmer, E.D., Cory, B.J. Revenue reconciled optimum pricing of transmission services 101935
Perera, H. *see* Das, R.K. 80515
Perera, R. *see* Sutherland, D.G.J. 84146
Perera, V. *see* Bindra, R. 90209
Perera, V. *see* Bindra, R. 100949
Perera, V.J.O. *see* Galagedera, S.B. 90216
Perera, V.J.O. *see* Galagedera, S.B. 100941
Perera, W.L.R., Jayasinghe, C., Chu, P.L. Down-tapered double-clad fibre for diode array pumped lasers and amplifiers 75840
Peres, L.O. *see* Hummelgen, I.A. 74504
Peresada, S. *see* Marino, R. 81456
Peresada, S. *see* Marino, R. 102679
Peresada, S. *see* Morici, R. 71313
Peressi, M. *see* Di Ventra, M. 114687
Perestoronin, A.V. *see* Karuzskii, A.L. 63009
Peresypkin, A.I. *see* Vasil'chenko, V.G. 69798
Peretti, A., Sutti, C. Monotone convex and first order maps in optimization of nonsmooth Lipschitz functions 72534
Peretti, M. *see* Licciardi, L. 68011
Perettie, D.J., Radler, M.J., Smith, J.L. Benzocyclobutene as planarization resin for charge coupled devices 95068
Peretyagin, G.I. *see* Gromilin, G.I. 70052
Peretyagin, G.I. *see* Kosykh, V.P. 67176
Peretyagin, G.I. *see* Kosykh, V.P. 80663
Peretyagin, G.I. *see* Popov, S.A. 77228
Perevertailo, V. *see* Likhachev, V.P. 100816
Pereverzev, S. *see* Frank, K. 61086
Pereverzeva, L.P. *see* Poplavko, Y.M. 64086
Pereyra, I., Carreno, M.N.P. Wide gap $a\text{-}Si_{1-x}C_x{:}H$ thin films obtained under starving plasma deposition conditions 113449
Perez, A., Acero, J., Alberdi, B., Del Rio, J.-M., Almoguera, L., Blaumoser, M., Kirpitchev, I., Mendez, P. Current ripple in the coils of the TJ-II Spanish stellarator 104903
Perez, A., Lucia, C., Alberdi, B., Del Rio, J.-M., Almoguera, L., Blaumoser, M., Kirpitchev, I., Mendez, P. Power supply for the Spanish Stellarator TJ-II, design, construction and tests 112078
Perez, A., Sanchez, E. The FAST architecture: a neural network with flexible adaptable-size topology 62137
Perez, A. *see* Afif, M. 94183
Perez, A. *see* Barnes, G. 80540
Perez, A. *see* Tamez-Pena, J.G. 86923
Perez, E. *see* Bellani, V. 62962
Perez, E. *see* Millan, M.S. 117536
Perez, E.R. Automation of Web server operations: the State of Oregon Jobline 87758
Perez, F. *see* Alonso, J.I. 99288
Perez, F. *see* Blas, J.M. 88779
Perez, F. *see* Blas, J.M. 117102
Perez, G., Courtade, F. EBIC methodology on power diode 94906
Perez, G. *see* Boushka, W.M. 110818
Perez, H. *see* Souteyrand, E. 119780
Perez, I.V. *see* Garcia, S.G. 85851
Perez, J. Bombana goes digital 121396
Perez, J. *see* Lasheras, F. 101874
Perez, J. *see* Matos, J. 93191
Perez, J. *see* Matos, J. 114245
Perez, J. *see* Parsi, K. 75263
Perez, J.Garcia *see* Garcia Perez, J.
Perez, J.J. *see* Pardo, F. 119720
Perez, J.M.G. *see* Saenz, M.L. 114717
Perez, L.C., Costello, D.J., Jr. Cascaded convolutional codes 66304
Perez, L.G., Sorrentino, E., Hernandez, A.E., Urdaneta, A.J., Bermudez, J.F. Application of adaptive reclosers to automatic distribution systems 102089
Perez, L.G. *see* Urdaneta, A.J. 93981
Perez, M.A. *see* Chavez, J.A. 110155
Perez, M.A.Garcia *see* Garcia Perez, M.A.
Perez, M.Jara *see* Jara Perez, M.
Perez, M.M. *see* Prieto, E. 68954
Perez, M.V. *see* Bao, C. 95732
Perez, M.V. *see* Bao, C. 116164
Perez, P. *see* Meddahi, S. 72714
Perez, P. *see* Thourel, P. 86807
Perez, R.M. *see* Guo, H.Z. 62584
Perez, S.A., Guzman Gonzalez, R., Haro-Poniatowski, E., Guasti, M.F., Rangel Rojo, R. Optical bistability in amorphous chalcogenide thin films 116680
Perez, T.A.De *see* De Perez, T.A.
Perez, T.E. *see* Marcellan, F. 72602
Perez, Y. *see* Ficner, S. 105814
Perez Alcazar, G.A. *see* Gonzalez, J.M. 84788
Perez G., L. *see* Leston, E. 102165
Perez Hidalgo, F. *see* Arrillaga, J. 81012
Perez R., J.M. Back-to-back shunt capacitor switching performance with different kinds of vacuum interrupters 102901
Perez Santos, S. *see* Gutierrez Conde, P.M. 62077
Perez Santos, S. *see* Gutierrez Conde, P.M. 114157
Perez Vicente, C. *see* Morales, J. 121860
Perez-Abadia, M., Nunez, G., Fernandez-Duran, A. Results of a baseband adaptive equalizer for limiter and discriminator receivers 109515
Perez-Aloe, R. *see* Duque-Carrillo, J.F. 62054
Perez-Amor, M. *see* Blanco-Garcia, J. 107631
Perez-Amor, M. *see* Dorrio, B.V. 119862
Perez-Amor, M. *see* Doval, A.F. 76272
Perez-Amor, M. *see* Leon, B. 61365
Perez-Arriaga, I.J. *see* Carillo-Caicedo, G. 102126
Perez-Briceiio, F.J. *see* Femenias, G. 68310
Perez-Briceno, F.J. *see* Femenias, G. 88309
Perez-Casero, R. *see* Perez-Rigueiro, J. 61310
Perez-Jimenez, R., Betancor, M.J., Melian, V.M. Improved PPM schemes for IR-wireless LAN 67743
Perez-Jimenez, R., Rabadan, J.A., Betancor, M.J. 2 Mbit/s FQPSK-2 modem for infrared wireless LAN 118686
Perez-Jimenez, R. *see* Melian, V.M. 87738
Perez-Lopez, C. *see* Moore, A.J. 107618
Perez-Lopez, C. *see* Moore, A.J. 119922
Perez-Meana, H., Nakano-Miyatake, M., Ortiz-Balbuena, L., Martinez-Gonzalez, A., Sanchez-Garcia, J.C. A fast block-type adaptive filter algorithm with short processing delay 76908
Perez-Meana, H. *see* Nino-de-Rivera, L. 93639
Perez-Meana, H. *see* Ortiz-Balbuena, L. 104739
Perez-Mendez, V. *see* Cho, H.S. 80044
Perez-Mendez, V. *see* Cho, H.S. 100832
Perez-Mendez, V. *see* Hong, W.S. 80034
Perez-Mendez, V. *see* Hong, W.S. 100847
Perez-Moreno, R.A. *see* Sira-Ramirez, H. 81537
Perez-Munuzuri, V., Miguez, G., Souto, M.J., Souto, J.A., Casares, J.J. A micro-mesoscale meteorological model for prediction of ground level concentration of pollutants near a power plant 80681
Perez-Munuzuri, V. *see* Munuzuri, A.P. 120469
Perez-Murano, F. *see* Servat, J. 84261
Perez-Rigueiro, J., Jimenez, C., Vazquez, L., Perez-Casero, R., Martinez-Duart, J.M. Nitridation of $TiSi_2$ thin films by rapid thermal processing 61310
Perez-Rodriguez, A., Koegler, R., Calvo-Barrio, L., Serre, C., Romano-Rodriguez, A., Heera, V., Skorupa, W., Morante, J.R. Ion beam assisted recrystallization of SiC/Si structures 94712
Perez-Rodriguez, A. *see* Pacaud, Y. 105591
Perez-Rodriguez, A. *see* Serre, C. 61248
Perez-Salas, R. *see* Castaneda, B. 106942
Perez-Sandoz, R. *see* Weitering, H.H. 74456
Perez-Verdu, B. *see* de la Rosa, J.M. 113811
Perez-Verdu, B. *see* de la Rose, J.M. 93510
Perez-Villar, V. *see* Munuzuri, A.P. 120469
Perfect, S.A. *see* Jayakumar, R. 106722
Perfecto, E.D., Longworth, H.P., McAllister, M.F., Pennacchia, J., Swaminathan, M., White, G. Improving wireability on nonplanar structures for the next MCM-D generation 94145
Perfecto, E.D. *see* Wong, K.H. 62516
Perfetti, P. *see* Cricenti, A. 69371
Perfetti, P. *see* Cricenti, A. 104125
Perfetto, A. *see* Attaianese, C. 71608
Perfetto, A. *see* Attaianese, C. 71784
Perfetto, A. *see* Attaianese, C. 81487
Perfetto, A. *see* Attaianese, C. 91800
Perfetto, A. *see* Attaianese, C. 91809
Perfilov, O.Yu. *see* Berezhnaya, I.V. 85952
Pergament, M.I. *see* Bikmatov, R.G. 96160
Pergament, M.I. *see* Eimerl, D. 85613
Perger, W.F. *see* Adams, R.J. 80602
Pergola, A. *see* de Notaristefani, F. 110698
Perho, J., Ritchie, E. A motor operation analysis using reluctance net 91537
Perho, J. *see* Lampola, P. 91421
Peri, M.L., Weaver, D.W., Ambrose, T.P., Hirpara, D., Gallagher, S., Hall, A.M., Bone, G. A series of CCD cameras for low light-level applications 100132
Periasamy, P., Ramesh Babu, B., Venkatakrishna Iyer, S. Cyclic voltammetric studies of porous iron electrodes in alkaline solutions used for alkaline batteries 112276
Perichaud, I. *see* Simon, J.J. 114565
Perie, D. *see* Derewonko, H. 73813
Perie, D. *see* Derewonko, H. 104875
Periera, N. *see* Sousa, A. 88168
Perilloux, B.E. Dominant wavelength sensitivity of thin-film color filters to spectral centering 116181
Perin, R. Superconducting magnets 89781

Perin, R., Perini, D., Salminen, J., Soini, J. Finite element structural analysis of LHC bending magnet 90045
Perin, R. *see* Bona, M. 90034
Perin, R. *see* Bona, M. 120035
Perin, R. *see* Yamamoto, A. 89625
Perina, J., Perina, J., Jr. Quantum statistics and dynamics of nonlinear couplers 106820
Perina, J., Jr. *see* Perina, J. 106820
Perini, D. *see* Ahlback, J. 90044
Perini, D. *see* Buckley, J. 89629
Perini, D. *see* Ostler, J. 90043
Perini, D. *see* Perin, R. 90045
Perini, P. *see* Yingjie Li 117069
Perino, J.S. *see* Feuer, M.D. 95829
Peris, E.S. *see* Millan, V.G. 120155
Peris, V. *see* Georgiadis, L. 77553
Peris, V. *see* Georgiadis, L. 87302
Peris, V. *see* Georgiadis, L. 98400
Peris, V. *see* Georgiadis, L. 118459
Perisa, T. *see* Filjar, R. 79039
Perkavec, M. *see* Cannon, M.F. 81327
Perkins, A.E. *see* Balachandran, R.M. 65058
Perkins, B. The rise and rise of service providers 77847
Perkins, C., Harjono, H. Resource discovery protocol for mobile computing 118075
Perkins, C. *see* Bhagwat, P. 78060
Perkins, C. *see* Heifets, S. 89624
Perkins, C. *see* Holdener, F.R. 100432
Perkins, C. *see* Kurita, N. 100553
Perkins, C. *see* Wienands, U. 79958
Perkins, C. *see* Wienands, U. 89916
Perkins, C.E. Mobile-IP, ad-hoc networking, and nomadicity 109066
Perkins, C.E. Handling multimedia data for mobile computers 109218
Perkins, D.K. *see* Gilvin, P.J. 110971
Perkins, F.K. *see* Dobisz, E.A. 74649
Perkins, J.E. *see* Clarkson, I.V.L. 68552
Perkins, J.S. *see* Knadle, K.T. 92244
Perkins, L. *see* Sarstedt, M. 100784
Perkins, L.T. *see* Lee, Y. 90103
Perkins, M., Poppleton, D.M. Control of interference in RF base station equipment 78508
Perkins, M.E. *see* Bacchetti, L.F. 85119
Perkins, R.J. *see* Lunde, K. 100396
Perkins, R.W. *see* Bliss, M. 79995
Perkins, T.L., Davis, B. Computer-based instruction in an undergraduate live animal ultrasonography course 120313
Perkinson, T.L., Gyurcsik, R.S., McLarty, P.K. Single-wafer cluster tool performance: an analysis of the effects of redundant chambers and revisitation sequences on throughput 94652
Perkons, A.R., Itoh, T. A 10-element active lens amplifier on a dielectric slab 93711
Perkowski, M.A. *see* Haomin Wu 117157
Perkowski, M.A. *see* Pierzchala, E. 113771
Perkowski, M.A. *see* Song, N. 61801
Perlado, M. *see* Hofmann, I. 69647
Perlin, P., Osinski, W., Eliseev, P.G., Smagley, V.A., Jain Mu, Banas, M., Sartori, P. Low-temperature study of current and electroluminescence in InGaN/AlGaN/GaN double-heterostructure blue light-emitting diodes 107006
Perlin, P. *see* Eliseev, P.G. 96034
Perlman, B.S. *see* Lee, C.C. 94882
Perlman, B.S. *see* Woolard, D.L. 63565
Perlman, D. *see* Talwalkar, N. 115154
Perlman, R. *see* Kaufman, C. 117182
Perlmutter, K. *see* Chaddha, N. 86722
Perlmutter, M. *see* Bowser, M. 69232
Perlmutter, S.H., Doroski, D., Moddel, G. Degradation of liquid crystal device performance due to selective adsorption of ions 95865
Perlowski, A. *see* Tsai, M.C. 88700
Perman, W.H. *see* Heiberg, E.V. 80285
Perminov, S.V. *see* Drachev, V.P. 107605
Permyakov, V.A. *see* Isakov, M.V. 85881
Pern, F.J. Factors that affect the EVA encapsulant discoloration rate upon accelerated exposure [solar cells] 103028
Pern, F.J., Glick, S.H., Czanderna, A.W., DeBlasio, R. Alternative PV module encapsulation materials and schemes 112380
Pern, F.J. *see* Czanderna, A.W. 112353
Pern, F.J. *see* Czanderna, A.W. 121896
Pern, F.J. *see* Menna, P. 72857
Perna, G. *see* Bruno, G. 94730
Perna, G. *see* Capozzi, V. 114794
Perna, L. *see* Dilmanian, F.A. 90434
Pernambuco Wise, P. *see* Eyssa, Y.M. 96972
Pernambuco Wise, P. *see* Eyssa, Y.M. 96982
Pernambuco-Wise, P., Gilmore, P., Lesch, B., Eyssa, Y., Schneider-Muntau, H.J. Systematic failure testing of internally reinforced magnets 96971
Pernambuco-Wise, P. *see* Eyssa, Y.M. 96983
Pernambuco-Wise, P. *see* Hascicek, Y.S. 96984
Pernard, E. *see* Mathoorasing, D. 119134
Pernas, F.J.D. *see* Higuera, J.F.D. 66909
Pernas, P.L. *see* Bausa, L.E. 75511
Pernau, W. The German electronic billing service (EBS) 108932
Pernechele, C., Poletto, L., Nicolosi, P., Naletto, G. Spectral resolution improvement technique for a spectrograph mounting a discrete array detector 79565
Pernegger, H. *see* Chochula, P. 110611
Pernell, T.L. *see* Lum, R.M. 92731
Pernell, T.L. *see* Lum, R.M. 103906
Perng, C.H. *see* Lin, H.C. 105663
Pernice, A. *see* Beltrame, F. 90255
Pernici, S. *see* Crippa, C. 109505
Pernicka, E. *see* Cribier, M. 110538
Pernicka, F., Spurny, Z., Lauterbach, U., Pessara, W., Strachotinsky, C., Kazimir, D. Sazava–intercomparison of environmental gamma dose and dose rate meters 80531
Pernicka, M. *see* Chochula, P. 110611
Pernier, J. *see* Yvert, B. 110825
Pernigotti, E. *see* Benotto, F. 69866
Pernot, J.C. *see* Beaudin, G. 79100
Pernu, T. *see* Kaikkonen, P. 80598
Perny, B. *see* Ives, D.J. 64682
Pernyeszi, J., Walters, M., Hartlove, J., Ihra, R. Optocouplers in motor drives and inverters 103071
Perol, P. *see* Navarro, A.E. 120630
Perold, W.J. *see* Maritz, E.J. 115952
Perold, W.J. *see* Powell, I.A. 119645
Perold, W.J. *see* Van Der Merwe, E.F. 115951
Perold, W.J. *see* Van Zyl, R.R. 114253
Perona, P. *see* Burl, M.C. 86386
Perona, P. *see* Kube, P. 117825
Perona, P. *see* Soatto, S. 86459
Perona, P. *see* Soatto, S. 86460
Peroni, I. *see* Paolozzi, A. 111031
Peroni, M., D'Eustacchio, P., Di Virginio, N., Graffitti, R., Gasparotto, A. Electrical behavior of implanted carbon impurities in fluorine co-implanted GaAs 114622
Perotin, M., Gouskov, L., Luquet, H., Baranov, A., Hammadi, Z. Be$^+$ implanted GaInAsSb/GaSb photodiodes 114889
Peroulas, J. *see* Sheng, S. 78537
Perov, A.I., Kharisov, V.N. Decreasing the computational complexity of algorithms in satellite radionavigation systems receivers on the basis of combined Kalman-Wiener filtering 109835
Perov, A.I., Sokolov, G.G. Segmentation of X-ray patterns by the method of edge approximation in digital systems of a medical image analysis 70008
Perov, P.I. *see* Ignat'ev, A.S. 116101
Perovic, D.D. *see* Turan, R. 105111
Perovich, D.K. *see* Gow, A.J. 120855
Perovich, D.K. *see* Nghiem, S.V. 120857
Perovich, S.M., Tosic, D.V. Transcendental method in nonlinear circuit theory 93094
Perpeet, M. *see* Hein, M.A. 84890
Perras, G.H. *see* Heinrichs, R.M. 120652
Perraud, E. Adapt silicon pressure sensors to low ranges to reach mass market 69031
Perraud, E. Silicon pressure sensor with built-in intelligence 119608
Perraud, E. *see* Jacobsen, E. 79381
Perraud, E. *see* Jacobsen, E. 110088
Perre, L.van der *see* van der Perre, L.
Perreal, Y. *see* Delage, S.L. 62341
Perreau, S., White, L.B., Duhamel, P. A reduced computation multichannel adaptive equalizer based on HMM 117922
Perreault, D.J., Selders, R.L., Jr., Kassakian, J.G. Frequency-based current-sharing techniques for paralleled power converters 121766
Perreault, J. *see* Dowd, P. 78919
Perregrini, L. *see* Canciauro, G. 114213
Perregrini, L. *see* Conciauro, G. 93693
Perregrini, L. *see* Gamba, P. 114193
Perret, P. *see* Bichebois, P. 112985
Perrier, J.-Y. *see* Mosanya, E. 73050
Perrier, P. *see* Girard, T.A. 80093
Perrier, P.A., Ruggeri, S., Coeurjolly, C., Noury, A., Gavignet, P., Gauchard, S., Havard, V., Berthelon, L., Fevrier, I., Dupraz, J. 4-channel, 10-Gbit/s capacity self-healing WDM ring network with wavelength add/drop multiplexers 78855
Perrin, A., Guilloux-Viry, M., Castel, X., Le Paven-Thivet, C. Growth and characterization of HTSC thin films for microelectronic devices 61281
Perrin, B., Donadio, R. Satellite full mesh ATM LAN: interconnection, satellite access scheme, signalling and performance 109090
Perrin, D. *see* Levin, J. 103346
Perrin, G. *see* Acher, O. 64203
Perrin, G. *see* Acher, O. 115575
Perrin, G. *see* Baclet, Ph. 115554
Perrin, P. *see* Cribier, M. 110538
Perrin, S.D. *see* Kelly, A.E. 107303
Perrin, S.D. *see* Moodie, D.G. 78707
Perrin, S.D. *see* Moodie, D.G. 106863
Perrin-Bit, R. *see* Dreher, T. 71249
Perrino, R. *see* Maruyama, K. 100989
Perris, W. *see* Palit, S.K. 108016
Perritt, H.H., Jr. The information highway: on ramps, checkpoints, and tollbooths 67746
Perron, J.C. *see* Alves, F. 64204
Perron, L., Lacaita, A., Della Chiesa, L., Cecchetti, M. Electron mobility in highly doped MOSFETs with standard and nitrided gate oxide 84410
Perron-Gitton, M.-C. A neuro-fuzzy approach for multi-sensor fusion in a radar/IR context 68598
Perrone, A. *see* Dinescu, M. 113505
Perrone, A. *see* Leggieri, G. 92928
Perrone, A. *see* Mihailescu, I.N. 82761
Perrone, F. *see* De Riva, A.M. 96579
Perrone, G. *see* Puscas, N.N. 79746
Perrone, M.R., Catino, D. Nonlinear transmission in fibres at 308 nm 75454
Perrone, M.R., Piccinno, V. Evaluation of the XeCl beam quality on the Stokes beam parameters 107040
Perrone, M.R. *see* de Santis, P. 65391
Perros, H.G. *see* Elsayed, K.M. 108770
Perrot, L. *see* Krivine, J.-P. 102098
Perrott, S.N., Perryman, R. Adaptive resonance theory applied to condition monitoring of combined heat and power systems 91329
Perrotta, A. *see* Alvsvaag, S.J. 90124
Perrotta, G. *see* Galati, G. 90729
Perry, A. *see* Durandet, A. 75546
Perry, A.J. *see* Korenev, S.A. 110533
Perry, D.L. *see* Patel, B. 81973
Perry, J. *see* Rao, S.S. 110946
Perry, J.E. *see* Davis, B.L. 80195
Perry, J.G. *see* Wang, W. 60481
Perry, M. Describing time-frequency representations with autocorrelation functions 97688
Perry, M. Using 2D FFTs for object recognition 97978
Perry, M., Nilsson, A. Performance analysis of automatic call distributors with call waiting lamps 77904
Perry, M. *see* Glazer, J. 92417
Perry, M. *see* Mueller, K.A. 79787
Perry, M.D. *see* Britten, J.A. 85734
Perry, M.D. *see* Britten, J.A. 107472
Perry, M.D. *see* Britten, J.A. 115984
Perry, M.D. *see* Burkhart, S.C. 85415
Perry, M.D. *see* Ditmire, T. 65410
Perry, M.D. *see* Ditmire, T. 107514
Perry, M.D. *see* Dixit, S.N. 85735
Perry, M.D. *see* Fochs, S.N. 65147
Perry, M.D. *see* Le Sage, G.P. 65381
Perry, M.D. *see* Le Sage, G.P. 107031
Perry, M.D. *see* Le Sage, G.P. 116571
Perry, M.D. *see* Shore, B.W. 96580
Perry, M.D. *see* Shore, B.W. 96585
Perry, M.D. *see* Spallas, J.P. 74000
Perry, M.D. *see* Spallas, J.P. 84260
Perry, M.D. *see* Stuart, B.C. 107477
Perry, O.R., Tawil, R.A., Velbeck, K.J., Rotunda, J.E. A new extremity system and performance at INEL 110985
Perry, P., Brazil, T.J. Hilbert-transform-derived relative group delay measurement of frequency conversion systems 93634
Perry, P., Brazil, T.J. Estimation of group delay ripple of physical networks using a fast, band-limited Hilbert transform algorithm and scalar transfer function measurements 119847
Perry, P. *see* Cojocaru, V.I. 73724
Perry, P. *see* Harvey, K. 88951
Perry, R., Bull, D.R., Nix, A. An adaptive DFE for high data rate applications 109138
Perry, R., Bull, D.R., Nix, A. A high throughput adaptive DFE for HIPERLAN 118504
Perry, R. *see* Clarke, D.E. 107024
Perry, R.J., Arora, K. Using PSPICE to simulate the photoresponse of ideal CMOS integrated circuit photodiodes 106189
Perry, R.J. *see* Bien, Y.K. 104434
Perry, S. Quicker than the human eye 117765
Perry, T.S., Geppert, L. Do portable electronics endanger flight? The evidence mounts 107941
Perryman, M.A.C. *see* Peacock, A. 99994
Perryman, R., Lunn, T.R. Fuzzy logic control of combined heat and power systems 102492
Perryman, R. *see* Curley, A. 91796
Perryman, R. *see* Herbert, M.S. 112433
Perryman, R. *see* Mhango, L.M.C. 90722
Perryman, R. *see* Mhango, L.M.C. 101473
Perryman, R. *see* Parker, J.W. 103077
Perryman, R. *see* Perrott, S.N. 91329
Pers, O. *see* Bjorkman, N. 77611
Persaud, A.N.S. *see* Kumar, V. 92104
Persaud, K.C. *see* Hassan Amrani, M.E. 119772
Persaud, S. *see* Soliman, S.A. 102029
Perschke, N. *see* Eisele, K. 79756
Persegol, D. *see* Lupascu, A. 85068
Persephonis, P., Chernikov, S.V., Taylor, J.R. Cascaded CW fibre Raman laser source 1.6-1.9 μm 96140
Persephonis, P., Giannetas, V., Ioannou, A., Parthenios, J., Georgiades, C. The time evolution of the resistances and inductances of the discharges in a pulsed gas laser through its current waveforms 104990
Persephonis, P., Ioannou, A., Parthenios, J., Georgiades, C., Giannetas, V. The time evolution of the electric characteristics of a laser discharge through their waveforms of the voltage and the current 107092
Pershenkov, V.S., Belyakov, V.V., Popov, M.Y., Cherepko, S.V., Shvetzov-Shilovsky, I.N. Fast techniques for MOSFET response prediction in space environments 106020
Pershenkov, V.S. *see* Emelianov, V.V. 74739
Pershenkov, V.S. *see* Emelianov, V.V. 106017
Pershin, S. *see* Arsenyan, T. 120755
Pershing, D.E., Jackson, R.H., Freund, H.P., Blank, M., Nguyen, K., Taccetti, J.M. Design of a slow-wave ubitron 94199
Pershing, D.E. *see* Blank, M. 96502
Pershing, D.E. *see* Blank, M. 107362
Pershing, D.E. *see* Jackson, R.H. 65380
Pershing, D.E. *see* Jackson, R.H. 96516
Pershing, D.E. *see* Taccetti, J.M. 107374
Pershing, D.E. *see* Taccetti, J.M. 114521

Pershukevich, P. *see* Lazarouk, S. 94904
Persiani, F., Piancastelli, L., Liverani, A. Individualised mathematical model of real surface digitised images 98016
Persiano, A.I.C. *see* Gama, S. 75103
Persiano, G. *see* De Santis, A. 117160
Persiano, G.V., Bellone, S. A new test structure for the evaluation of the injection-level dependence of carrier mobilities 114568
Persiano, G.V. *see* Bellone, S. 110350
Persic, B. *see* Levstek, A. 103154
Persichitte, K. Teaching about distance education with distance education 92067
Persico, A. *see* Braud, F. 114986
Persico, V., Cataudella, V., Fontana, F., Minnhagen, P. Vortex fluctuations in BSCCO and YBCO 75306
Persinger, M.A. *see* Richards, P.M. 90632
Persliden, J. *see* Axelsson, B. 80504
Person, C. *see* Stephan, L. 83468
Person, H.Le *see* Le Person, H.
Persona, A. *see* Dusi, W. 90174
Personeni, G. *see* Bourquard, A. 95524
Persoons, A. *see* Kauranen, M. 85581
Persoons, A. *see* Kauranen, M. 96739
Persoons, A. *see* Wu, M. 116738
Persov, B.Z. *see* Kozyrev, E.V. 79766
Persov, B.Z. *see* Kozyrev, E.V. 114520
Persson, A. System T–a modular system for wide area paging 88136
Persson, A., Carlsson, L. New technologies in HVDC converter design 81014
Persson, H.E. *see* Tonnquist-Uhlen, I. 90521
Persson, L., El Bouanani, A.W., Hult, B.M., Whitlow, H.J., Andersson, M., Bubb, L.F., Johnston, P.N., Walker, S.R., Cohen, D.D., Dytlewski, N., Zaring, C., Ostling, M. Interfacial reaction studies of Cr, Ni, Ti, and Pt metallization on InP 114987
Persson, L., El Bouanani, M., Hult, M., Jonsson, P., Whitlow, H.J., Andersson, M., Georgsson, K., Bubb, I.F., Johnston, P.N., Walker, S.R., Cohen, D.D., Dytlewski, N., Zaring, C., Ostling, M. Recoil spectrometry of thin film reactions in the Pd/InP system 105730
Persson, L., Lindquist, E., Nordstrom, P. Multipath detection by frequency domain kurtosis estimation 68721
Persson, M. *see* Alakula, M. 91487
Persson, M. *see* Dale, S. 101095
Persson, S.H.M. *see* Haviland, D.B. 95460
Persson, T. A marker-free method for tracking human lower limb segments based on model matching 86977
Persson, T., Fritzson, P. Parallel implementation of image reconstruction for the CARABAS long-wave penetrating radar 88709
Persyn, F. *see* Van Driessche, I. 113535
Pertmer, G.A. *see* Cassata, J.R. 120555
Perttula, A. *see* Rekonen, H. 114254
Pertusa, C., Astier, S., Lefevre, Y., Lajoie-Mazenc, M. First steps towards a full integrated CAD system for electrical machines 81421
Perucca, M. A field strength prediction model for small cells mobile systems using a 3-D building database 78473
Perucchini, D. *see* Carbonelli, M. 110395
Perugia, I. *see* Brezzi, F. 65669
Perumalla, K.S., Cooper, C.A., Fujimoto, R.M. An efficiency prediction method for ATM multiplexers 108781
Perunicic, B., Jakwani, A.Y., Kezunovic, M. An accurate fault location on mutually coupled transmission lines using synchronized sampling 102324
Perunicic, B. *see* Sabanovic-Behlilovic, N. 81563
Perunov, A.A., Fotin, V.P. Orientation of positive atmospheric discharge 96884
Pervan, B.S., Cohen, C.E., Parkinson, B.W. Integrity in cycle ambiguity resolution for GPS-based precision landing 79058
Pervan, B.S., Lawrence, D.G., Cohen, C.E., Parkinson, B.W. Parity space methods for autonomous fault detection and exclusion using GPS carrier phase 70404
Pervan, B.S. *see* Cohen, C.E. 70392
Pervan, B.S. *see* Cohen, C.E. 79077
Perz, J. *see* Hartman, M. 121744
Pesant, J.C. *see* Fourre, H. 106059
Peschel, T. *see* Hamilton, C.J. 65456
Peschel, T. *see* Hamilton, C.J. 96711
Peschel, T. *see* Peschel, U. 107580
Peschel, U., Peschel, T., Lederer, F. Temporal solitons near linear resonances 107580
Peschel, U. *see* Hamilton, C.J. 65456
Peschel, U. *see* Hamilton, C.J. 96711
Peschiaroli, D. *see* Di Fabrizio, E. 74658
Peschke, C. *see* Krietenstein, B. 89661
Peschke, E.F., Schroth, R.G., Olshausen, R.V. Extension of the range of application of XLPE cables to 500 kV through technological progress 81083
Peschke, M. *see* Gambino, J.P. 63457
Peshekhonov, V. *see* Akesson, T. 69833
Peshev, V.V., Smorodinov, S.V. The W defect in n-type InP 74265
Peshev, Z.Y., Deleva, A.D., Aneva, Z.I. Spectral-gate injection seeding in tunable lasers 107420
Peshko, I., Khiznyak, A., Dlugaszek, A., Jabczynski, J.K. Tunable, single-frequency diode-pumped Nd:crystals lasers for Doppler radar application 107680
Peshko, I. *see* Jabczynski, J.K. 107679
Pesic, B., Stojadinovic, N. Electron trapping and oxide breakdown in irradiated MOS structures 94634
Peskov, N.V. Stochastic model of the growth of an $A_x{}^3B_{1-x}{}^3C^5$-type crystal by molecular beam epitaxy 103917
Peskov, N.V., Medvedev, B.K. Computer model of growth of an $A^{III}B^{III}C^{V}/A^{III}C^{V}$ heterojunction with a laterally inhomogeneous distribution of constituents A and B during molecular beam epitaxy 113356
Peskov, N.Yu., Bratman, V.L., Ginzburg, N.S., Denisov, G.G., Kol'chugin, B.D., Samsonov, S.V., Volkov, A.B. Experimental study of a high-current FEM with a broadband microwave system 96083
Peskov, N.Yu. *see* Bratman, V.L. 107030
Peskov, N.Yu. *see* Ginzburg, N.S. 96510
Peskov, N.Yu. *see* Ginzburg, N.S. 107361
Peskov, N.Yu. *see* Kaminsky, A.K. 96513
Peskov, V. *see* Cerron Zeballos, E. 69786
Peskov, V. *see* Gulaev, V. 73974
Peskov, V. *see* Gulaev, V. 100835
Peskov, Ye.V. *see* Zelentsov, Yu.A. 89014
Pesola, M. *see* Lehtinen, K. 78390
Pesotskij, V.I. *see* Gakhovich, D.E. 107491
Pesquera, L. *see* Valle, A. 107305
Pesquera, L. *see* Valle, A. 107348
Pesquet, J.-C., Krim, H., Carfantan, H. Time-invariant orthonormal wavelet representations 97778
Pessa, M., Nappi, J., Savolainen, P., Ovtchinnikov, A., Toivonen, M., Murison, R., Asonen, H. State-of-the-art aluminium-free 980-nm laser diodes 96254
Pessa, M., Nappi, J., Savolainen, P., Toivonen, M., Murison, R., Ovtchinnikov, A., Asonen, H. State-of-the-art aluminum-free 980-nm laser diodes 116510
Pessa, M. *see* Aherne, T. 76080
Pessa, M. *see* Matine, N. 93852
Pessa, M. *see* Rakennus, K. 74228
Pessa, M. *see* Salokatve, A. 94727
Pessa, M. *see* Savolainen, P. 85528
Pessa, M. *see* Tappura, K. 75978
Pessa, M. *see* Toivonen, M. 92778
Pessan, F. *see* Defos du Rau, M. 65771
Pessan, F. *see* Parneix, J.P. 97027
Pessanha, J.E.O., Gela, G. A distribution system model with frequency-dependent parameters to simulate electromagnetic transients 102066
Pessanha, J.E.O. *see* Prada, R.B. 101898
Pessara, W. *see* Budzanowski, M. 110989
Pessara, W. *see* Pernicka, F. 80531
Pessard, H. *see* Abbes, M. 90145
Pesse, G., Aller, J.M., Arizon, P., Bueno, A., Ginart, A. Capacitive compensation in electrical power systems feeding deep petroleum well stations 103193
Pessina, G. *see* Alessandrello, A. 80100
Pessina, G. *see* Baschirotto, A. 95215
Pessina, G. *see* Camin, D.V. 90208
Pessina, G. *see* Camin, D.V. 100921
Pestana, R. *see* Mendes, V.M.F. 102020
Pestel, G.De *see* De Pestel, G.
Pestell, N., Siperko, D. Yesterday's networks may provide tomorrow's profits [radio paging] 99365
Pesterev, S.V. *see* Shkuratov, S.I. 73956
Pesti, M. *see* Heinrich, I. 91060
Pestov, Yu.N. *see* Badura, E. 69804
Pestov, Yu.N. *see* Badura, E. 120203
Pestrikov, D.V. Simple model with damping of the mode-coupling instability 69610
Pestrikov, D.V. Schottky spectra and crystalline beams 120040
Pesus Chou *see* Tsuei, J.J. 70161
Petajan, E. The HDTV Grand Alliance System 79159
Petajan, E., Graf, H.P. Robust face feature analysis for automatic speechreading and character animation 117908
Petajan, E.D. *see* Bugwadia, K.A. 109910
Petasch, W. *see* Sorli, I. 104955
Petcu, Fl. *see* Sandu, L. 78329
Petel, H.C. *see* Williams, E.W. 64381
Petel, M. *see* Burkhardt, W. 110976
Petelenz, D. *see* Sadwick, L.P. 74052
Peteler, K. How to produce flexibly with process visualisation 71950
Peter, A., Szakacs, O., Foldvari, I., Bencs, L., Munoz F., A. Dopants in photorefractive bismuth tellurite Bi_2TeO_5 crystals 106754
Peter, D.S., Ammann, H., Hodel, W., Weber, H.P. Ultrashort pulse amplification in fiber amplifiers at 1.3 µm: experiment and theory 65074
Peter, D.S., Hodel, W., Weber, H.P. Efficient distortion-free amplification of 1.3 µm femtosecond pulses in a Pr^{3+}-doped fluoride fiber amplifier 107141
Peter, D.S., Hodel, W., Weber, H.P. Experimental investigation of ultrashort pulse amplification in a Pr^{3+}-doped fluoride fiber 116407
Peter, H., Sartorius, R. SF_6–an environmental problem? 64162
Peter, I. *see* Kroell, T. 69764
Peter, J.-M. Power system semiconductor compounds 94964
Peter, L.M. Nontraditional methods for in situ characterization of interfaces 102937
Peter, L.M., Riley, D.J., Wielgosz, R.I. An in-situ method of monitoring the surface area of porous silicon 94256
Peter, L.M., Riley, D.J., Wielgosz, R.I., Snow, P.A., Penty, R.V., White, I.H., Meulenkamp, E.A. Mechanisms of luminescence tuning and quenching in porous silicon 94270
Peter, L.M. *see* Saraby-Reintjes, A. 112217
Peter, M. RD&D in the non-nuclear electricity economy 1994, results of the VDEW inquiry 70624
Peterlinz, A., Georgiadis, R. Two-color approach for determination of thickness and dielectric constant of thin films using surface plasmon resonance spectroscopy 110330
Petermann, G. *see* Bushara, K.O. 80249
Petermann, K. *see* Breuer, D. 88452
Petermann, K. *see* Breuer, D. 88458
Petermann, K. *see* Ennser, K. 68443
Petermann, K. *see* Schuppert, B. 116096
Peters, A., Kerner, W. Analytical design and clinical application of an intelligent control system for insulin treatment 70170
Peters, A., Kerner, W. Analytical design and clinical application of an intelligent control system for insulin treatment 80408
Peters, C. *see* Abraham, W. 89701
Peters, C. *see* Benjegerdes, R. 89806
Peters, C. *see* Celata, C.M. 90010
Peters, C. *see* Haran, F.M. 96853
Peters, C. *see* Reginato, L. 83758
Peters, C. *see* Stuart, M. 89807
Peters, C. *see* Westenskow, G. 83757
Peters, C. *see* Yu, S. 89736
Peters, C.J. *see* Dantu, S.V. 63143
Peters, D., Daumann, W., Brockerhoff, W., Reuter, R., Koenig, E., Tegude, F.J. Direct calculation of the HBT small-signal equivalent circuit with special emphasize to the feedback capacitance 114270
Peters, D. *see* Holzlein, K. 105595
Peters, D. *see* Reuter, R. 93795
Peters, D. *see* Seater, R. 104823
Peters, E. *see* McCall, L.V. 102891
Peters, F.H. *see* Strzelecka, E.M. 85342
Peters, G., Beattie, W.C. A comparison of storage techniques in the control of power swings in a wave power station 91384
Peters, G. *see* Lippmann, J. 90763
Peters, G.J. Determining a best-fit measurement server implementation for digital design team solutions 88933
Peters, H.-J. *see* Sturm, H.A. 111704
Peters, H.J.B. *see* Kelly, G. 60607
Peters, J. Curvature continuous spline surfaces over irregular meshes 60927
Peters, J.D. *see* Martinez-Uriegas, E. 108539
Peters, J.F., III, Baumela, L., Maravall, D. Designing a real-time target tracking system with higher order logic 76953
Peters, J.F., III, Rahardjo, B. Higher order logic in reasoning about asynchronous circuits 73252
Peters, J.O., Luetjering, G., Koren, M., Puschnik, H., Boyer, R.R. Processing, microstructure, and properties of β-CEZ 113518
Peters, K. Review of factors that affect the deep cycling performance of valve-regulated lead/acid batteries 112251
Peters, K. *see* Alexandrof, V.A. 100628
Peters, M. *see* Roman, I. 113611
Peters, M. *see* Spickermann, R. 64804
Peters, M.G. *see* Babic, D.I. 65226
Peters, M.G. *see* Herrick, R.W. 96312
Peters, M.G. *see* Hu, S.Y. 65266
Peters, M.G. *see* Spickermann, R. 64797
Peters, M.G. *see* Spickermann, R. 75572
Peters, M.G. *see* Strzelecka, E.M. 85342
Peters, M.G. *see* Wipiejewski, T. 65323
Peters, M.G. *see* Wipiejewski, T. 85509
Peters, N. *see* Phillips, W.A. 62304
Peters, P.J.M., Bastiaens, H.M.J. Generation of VUV radiation with ionic and F_2 excimer lasers 107099
Peters, P.J.M. *see* Gielkens, S.W.A. 85381
Peters, P.J.M. *see* Udalov, Y.B. 107103
Peters, R.-W., Gotz, S., Haak, R., Kotzle, G., Specht, R., Vogel, U. Uniform equipment documentation for industrial process instrumentation 119531
Peters, R.A., Khoo, F.L., Ozkul, A. The INTELSAT-K payload 99440
Peters, R.A., II. Morphological pseudo bandpass image decompositions 108714
Peters, R.A., II, Bishay, M. Centering peripheral features in an indoor environment using a binocular log-polar 4 DOF camera head 80501
Peters, R.K., III *see* Thorpe, E.T. 92063
Peters, T. *see* Charland, P. 120297
Peters, T. *see* Ivancic, P.C. 70246
Peters, T.M. *see* Henri, C.J. 80213
Peters, W.P. ISDN image transmission–key to better and more secure telecommunication. 2 98803
Peters, W.P. ISDN image transmission–key to better and more secure telecommunication 109152
Petersen, A. *see* Ruai Yu 119164
Petersen, A. *see* Zhang, S. 109613
Petersen, A.K. *see* Bowers, J.E. 109606
Petersen, C.L., Hansen, O.P. Two-dimensional electron gases in the quantum Hall regime: analysis of

the circulating current in contactless Corbino geometry 62832
Petersen, C.L., Hansen, O.P. The diagonal and off-diagonal AC conductivity of two-dimensional electron gases with contactless Corbino geometry in the quantum Hall regime 114707
Petersen, E.L. Approaches to proton single-event rate calculations 63516
Petersen, E.L. Interpretation of heavy ion cross section measurements 74849
Petersen, E.L. Interpretation of heavy ion cross section measurements 105837
Petersen, G.A. *see* Myers, S.M. 114884
Petersen, H. *see* Piil-Henriksen, J. 79234
Petersen, I.R. *see* Savkin, A.V. 66785
Petersen, J. Mean waiting time in a hybrid multiplexer with correlated vacation periods 98438
Petersen, J. *see* Byers, J. 105769
Petersen, J. *see* Sturtevant, J. 105821
Petersen, J.C., Maleki, M. Wavelength calibration of fibre-optical spectrum analyzers 64711
Petersen, J.R. *see* Piil-Henriksen, J. 79234
Petersen, J.S., Byers, J.D. Examination of isolated and grouped feature bias in positive acting, chemically amplified resist systems 105770
Petersen, J.W. *see* Christensen, C. 115015
Petersen, J.W. *see* Mullenborn, M. 84623
Petersen, K. Biepitaxie-Josephson-Kontakte aus $YBa_2Cu_3O_{7-\delta}$ und der elektrische Feldeffekt auf Korngrenzen-Josephson-Kontakte. (Biepitaxial $YBa_2Cu_3O_{7-\delta}$ Josephson contacts and the electric field effect on grain boundary Josephson contacts) 103339
Petersen, K., Kovacs, G.T.A. MEMS research at Stanford University 84658
Petersen, K., Kovacs, G.T.A. MEMS research at Stanford University 95229
Petersen, K. *see* Klaassen, E.H. 84625
Petersen, K. *see* Logan, J. 64002
Petersen, K.E. *see* Gee, D.A. 90279
Petersen, M.J. *see* Dilmanian, F.A. 90434
Petersen, P.M., Marrakchi, A., Buchhave, P., Andersen, P.E. Photorefractive devices 116004
Petersen, P.M. *see* Andersen, P.E. 85610
Petersen, P.M. *see* Andersen, P.E. 116722
Petersen, T.A., Kapinus, D.M. A user-friendly program for system and component availability monitoring and its potential application in maintenance rule implementation 71052
Petersen, T.A. *see* Frankel, G.S. 60622
Petersilge, M. *see* Petzold, M. 63205
Peterson, A.F. *see* Aberegg, K.R. 116852
Peterson, A.F. *see* Lichtenberg, B. 97031
Peterson, A.F. *see* Najafabadi, R.M. 120495
Peterson, A.F. *see* Savage, J.S. 72717
Peterson, A.F. *see* Savage, J.S. 85791
Peterson, A.M. *see* Yeh, G.K. 97816
Peterson, A.N. *see* Whitehead, S.T. 119481
Peterson, C.G. *see* Hughes, R.J. 97510
Peterson, D.E. Grizzly country–GPS/GIS help monitor the great bear's fragile ecosystem 68742
Peterson, D.E. Review of activities in USA on HTS materials 84857
Peterson, D.L. Long spin disk tube migration–II 106603
Peterson, D.L. *see* Bowers, R.L. 81600
Peterson, E.J. *see* Findikoglu, A.T. 106644
Peterson, E.J. *see* Selvamanickam, V. 75330
Peterson, E.L. Shaker selection: What you need to know [environmental test] 82788
Peterson, E.L. *see* Jacobson, G.P. 101389
Peterson, G. *see* Nolting, E. 69899
Peterson, G.D. *see* Read, B.C. 120625
Peterson, G.G. *see* Braeckelmann, G. 84217
Peterson, H. *see* Michels, M. 76745
Peterson, H.A., Ahumada, A.J., Jr., Watson, A.B. Visibility of DCT quantization noise: spatial frequency summation 87218
Peterson, J. *see* Koopman, N. 94055
Peterson, J.E. *see* Terry, C.K. 75803
Peterson, J.P. Bare copper OSP process optimization [PCB manufacture] 94101
Peterson, K.A. *see* Cole, E.I., Jr. 104969
Peterson, K.E. *see* Gee, D.A. 101045
Peterson, K.J. *see* Cho, Y. 79994
Peterson, L. *see* Hewer, G. 87163
Peterson, L. *see* Hewer, G. 108546
Peterson, L.D., Bullock, S.J., Hinkle, J.D., Hachkowski, M.R., Warren, P.A., Lake, M.S. Micron accurate deployable antenna and sensor technology for new-millennium-era spacecraft 78638
Peterson, L.L. *see* Brakmo, L.S. 77731
Peterson, L.L. *see* Mosberger, D. 118120
Peterson, M.G.E. User satisfaction surveys, what the engineer should know 110639
Peterson, M.T., Nguyen, L., Edleman, D.V., Coffel, J.F. The HALO system–applying the "safe wing" concept to airline operations in ground icing conditions 70362
Peterson, P., Sharma, M.P., Gavrielides, A. Extraction efficiency and thermal lensing in Tm:YAG lasers 75879
Peterson, P., Sharma, M.P., Gavrielides, A. Modelling of excited state absorption and upconversion in erbium germanosilicate continuous wave fibre lasers 85400
Peterson, R. *see* Larimer, J. 100197
Peterson, R. *see* Sik-Han Soh 64062
Peterson, R.R. Welter weight ion transport for diode generated ion beam inertial confinement fusion 69669
Peterson, S., Kearns, P. Termination detection using causality and vector time 108844
Peterson, T. *see* Zrilic, D.G. 79981
Peterson, T.E. *see* French, D.A. 61097
Peterson, T.E. *see* Pani, A.K. 82557
Peterson, W. The fixed point theorem in modelling of eddy current power losses in ferromagnetic conductors placed in TM field 65679
Peterson, W. The fixed point theorem in modelling of nonlinear skin effect in conductors of complicated shape 93941
Peterson, W. *see* Fawcett, B. 113856
Peterson, W. *see* Irmscher, M. 105806
Peterson, W.A. *see* Bendall, C.A. 71817
Peterson, W.L. *see* Girgis, A.A. 101864
Petersson, C.S. *see* Cardenas, J. 92706
Petersson, C.S. *see* Hatzikonstantinidou, S. 94567
Petersson, C.S. *see* Nilsson, H.-E. 63639
Petersson, I. *see* Nilsson, O. 112213
Petersson, L.-G. *see* Fogelberg, J. 69351
Petersson, L.-G. *see* Fornander, H. 61217
Petersson, L.-G. *see* Lundstrom, I. 89193
Petersson, R. *see* Johansson, F. 66069
Peteu, S.F., Emerson, D., Worden, R.M. A Clark-type oxidase enzyme-based amperometric microbiosensor for sensing glucose, galactose, or choline 110246
Petex, J.F. *see* Titin-Schnaider, C. 68696
Petford-Long, A.K. *see* Bayle-Guillemaud, P. 115630
Petford-Long, A.K. *see* Ho, E.M. 75203
Petford-Long, A.K. *see* Missana, T. 104083
Petic, A.G. *see* Morozova, S.P. 89080
Peticolas, L.J. *see* Bean, J.C. 89532
Peticolas, L.J. *see* Murtaza, S.S. 79434
Peticolas, L.J. *see* Murtaza, S.S. 88488
Peticolas, L.J. *see* Teichert, C. 82658
Petifer, R.F. *see* Gardelis, S. 64909
Petillo, J.J., Chernin, D.P., Mondelli, A.A. 3D ARGUS-ESP computations of vacuum eigenmodes for standing-wave and traveling-wave structures 105075
Petillon, N., Jezequel, J.Y., Andre, J.C. Color stereophotolithography: a method of 3-D color imaging 65589
Petillon, S. *see* Hetterich, M. 74166
Petillot, Y., Guibert, L., de Bougrenet de la Tocnaye, J.-L. Fingerprint recognition using a partially rotation invariant composite filter in a FLC joint transform correlator 64828
Petin, P., Coulomb, J.L., Conraux, P. High derivatives for fast sensitivity analysis in linear electromagnetics 96889
Petin, V.K. *see* Bespalov, V.I. 120237
Petit, A. *see* Sabot, A. 102913
Petit, A. *see* Sabot, A., Sr. 91689
Petit, C. *see* Aassime, A. 105507
Petit, C. *see* Meinertzhagen, A. 84007
Petit, D. *see* Lebourges, M. 77900
Petit, F., Baudois, D., Israel, J.-P. Quantification of the white noise component in accelerometer and gyrometer output signals using the Allan variance method 97714
Petit, F. *see* Sfaxi, L. 62983
Petit, G. *see* Costa, M. 90231
Petit, G. *see* Costa, M. 100982
Petit, G. *see* Liu, W. 78277
Petit, G. *see* Liu, W. 87847
Petit, L. *see* Lebrun, L. 95299
Petit, P. *see* Fievet, C. 112143
Petitclair, P., Bacha, S., Rognon, J.P. Averaged modelling and nonlinear control of an ASVC (advanced static VAr compensator) 121093
Petke, G. *see* Hunt, K.J. 79131
Petkos, G.M., Goodhew, P.J., Joyce, T.B. Sulphur doping of InGaAs using diethylsulphide 103949
Petkov, P.H., Christov, N.D., Konstantinov, M.M. Solution of high order matrix Riccati equations with condition and accuracy estimates 113064
Petkovic, I., Kartalovic, N., Vukic, D., Osmokrovic, P. Measuring system for partial discharge 110013
Petkovic, M. *see* Roberts, E. 70509
Petkovic, M.S. On initial conditions for the convergence of simultaneous root finding methods 92586
Petkovic, M.S. *see* Sakurai, T. 92589
Petkovska, L. *see* Cvetkovski, G. 81401
Petkovska, L. *see* Stoilkov, V. 76361
Petkovska, L.B., Cundev, M.D. Control simulation and torque optimization in permanent magnet synchronous motor 91492
Petkovska, L.B. *see* Cundev, M.D. 91825
Peto, G. *see* Molnar, G. 113334
Petong, P. *see* Gottmann, O. 69441
Petorovic, R. *see* Daigle, J.N. 99184
Petosa, A., Ittipiboon, A., Cuhaci, M. Array of circular-polarised cross dielectric resonator antennas 108075
Petr, D.W., Frost, V.S., Kelley, T.G., Braun, C., Demirtjis, A. Cell loss quality of service in an integrated traffic ATM network 67530
Petr, D.W. *see* Evans, J.B. 67796
Petr, M. The influence of a block transformer on transient processes in a synchronous machine subjected to selected types of short circuits 81412
Petraglia, A. An upperbound for the stopband attenuation of switched-capacitor direct-form recursive filters subject to random coefficient errors 73551
Petraglia, A. Recursive switched-capacitor filters having approximately linear phase characteristics 114064
Petraglia, A. *see* Khalili, S.I. 73552
Petraglia, A. *see* Neves, R.F. 114140
Petraglia, M.R., Rodrigues, A.P.R. Performance comparisons of two adaptive subband structures 77064
Petrakis, M. *see* Helmis, C.G. 102355
Petrakovskii, G.A., Loseva, G.V., Ryabinkina, L.I., Kiselev, N.I., Yanushkevich, K.I. Metal-insulator transition in the $V_xMn_{1-x}S$ system of antiferromagnetic semiconductors 105211
Petrarca, C. *see* Femia, N. 70952
Petrarca, C. *see* Lupo, G. 81375
Petras, D. Medium access control protocol for wireless, transparent ATM access 118072
Petras, D., Hettich, A. Performance evaluation of the ASR-ARQ protocol for wireless ATM 118841
Petras, D. *see* Walke, B. 109401
Petrashov, V.T. *see* Mikhailov, G.M. 94819
Petrauskas, M. *see* Netiksis, V. 65534
Petravic, M. *see* Mohadjeri, B. 94820
Petravic, M.M. *see* Jones, K.S. 74388
Petrazzini, B.A., Clark, T.H. Evolving telecommunications regulatory regimes in developing countries 87546
Petrazzuolo, F. *see* Gialanella, L. 100639
Petre, D. *see* Pintilie, L. 63187
Petre, M. *see* Almstrum, V.L. 103337
Petre, M.-E., Masera, G. A parametrical architecture for Reed-Solomon decoders 97487
Petre, P. *see* Gong, J. 83351
Petrellis, N. *see* Mariatos, E.P. 77457
Petrellis, N.C., Birbas, A.N., Birbas, M.K., Mariatos, E.P., Papadopoulos, G.D., Bardyn, J.J. The standardization of an interface that would bridge VHDL and physical systems simulators 98493
Petrenko, Collins, M.F., Stager, V., Collier, B.F., Tun, Z. Magnetic and crystal phase transitions in $KNiCl_3$ 84768
Petrenko, A., Yevtushenko, N., Bochmann, G.V. Testing deterministic implementations from nondeterministic FSM specifications 118103
Petrenko, A. *see* Tan, Q.M. 98358
Petrenko, B.Z. Robust restoration of microwave brightness contrasts from the DMSP SSM/I data 111124
Petrenko, I.I. *see* Chirkov, P.N. 89813
Petrenko, V.V. *see* Kalashnikov, V.V. 100576
Petrescu, A.-M. *see* Popescu, A. 102045
Petrescu, D. *see* Tabus, I. 77253
Petrescu, V. *see* Klootwijk, J.H. 83816
Petrescu, V. *see* Mouthaan, T. 84229
Petrescu-Prahova, I.B. *see* Buda, M. 65208
Petreski, B.P., Farrell, P.M., Collins, S.F. Cross-relaxation in praseodymium-doped ZBLANP 75468
Petreski, B.P. *see* Wade, S.A. 79498
Petri, B., Schwetje, D. Narrowband ISDN and broadband ISDN service and network interworking 78108
Petri, D. *see* Bertocco, M. 119576
Petri, D. *see* Bertocco, M. 119586
Petri, D. *see* Carbone, P. 66677
Petri, H. *see* Derenchuk, V. 90093
Petri, I., Zimmermann, T., Zweck, J., Hoffmann, H., Yan Liu, Ferrier, R.P., Nichtl-Pecher, W. Investigations on the stray-fields of magnetic read/write heads and their structural reasons 115831
Petri, M. *see* Drescher, P. 105007
Petri, M. *see* Schaefer, M. 65185
Petri, W. *see* Hetterich, M. 74166
Petriashvili, G.Sh., Elashvili, Z.M., Tavzarashvili, S.P., Tevdorashvili, K.G. Thermochromic nematochiral mixtures with improved color-contrast characteristics 100089
Petrich, G.S. *see* Ho, E. 74202
Petrich, L. *see* Fu, C.Y. 60560
Petrich, R. *see* Stenzel, O. 75391
Petrichuk, M. *see* Lukyanchikova, N. 105963
Petrick, A. *see* Fakatselis, J. 99089
Petrick, N., Heang-Ping Chan, Datong Wei, Sahiner, B., Helvie, M.A., Adler, D.D. Automated detection of breast masses on mammograms using adaptive contrast enhancement and texture classification 120389
Petrick, N. *see* Sahiner, B. 120292
Petrick, N. *see* Sahiner, B. 120387
Petrick, W. *see* Jorquera, C. 88958
Petridls, V. *see* Bakirtzls, A.G. 70792
Petrig, B.L. *see* Schmid, G.F. 101080
Petrillo, C., Sacchetti, F., Toker, O., Rhodes, N.J. Solid state neutron detectors 120178
Petrillo, E. *see* Ariante, M. 95405
Petrillo, V. *see* Maroli, C. 69597
Petrillo, V. *see* Maroli, C. 79830
Petrin, E. *see* Stieber, M.E. 108592
Petrin, R.R., Nelson, D.H., Quagliano, J.R., Schmitt, M.J., Quick, C.R., Sander, R.K., Tiee, J.J., Whitehead, M. Atmospheric effects on CO_2 differential absorption lidar performance 111116
Petrin, R.R., Nelson, D.H., Schmitt, M.J., Quick, C.R., Tiee, J.J., Whitehead, M. Atmospheric effects on CO_2 differential absorption lidar sensitivity 110428
Petrin, R.R. *see* Quagliano, J.R. 110427
Petris, A. *see* Vlad, V.I. 76306
Petris, M.de *see* de Petris, M.
Petrishchev, V.V. *see* Kagan, M.S. 114590

Petrishin, V.L. *see* Gorelik, S.Y. 85763
Petrisor, T. *see* Boffa, V. 72793
Petriu, D.C. *see* Petriu, E.M. 108349
Petriu, E.M., Ionescu, D., Petriu, D.C., Groen, F.C.A., Spoelder, H., Yeung, S.K., Elgazzar, S., Korba, L. Multisensor system for mobile robot navigation 108349
Petriu, E.M., Watanabe, K., Yeap, T.H. Applications of random-pulse machine concept to neural network design 62094
Petriu, E.M. *see* Lavoie, P. 108591
Petriu, E.M. *see* Ratner, I. 108014
Petriu, E.M. *see* Roczniak, A. 119570
Petriv, O. *see* Gotra, Z. 100216
Petroff, J.F. *see* Zheng, Y. 72841
Petroff, P.M. Physics and materials issues behind the lifetime problem in semiconductor lasers and light emitting diodes 96307
Petroff, P.M., Medeiros-Ribeiro, G. Three dimensional carrier confinement in strain-induced self-assembled quantum dots 105353
Petroff, P.M. *see* Blanke, G. 63029
Petroff, P.M. *see* Cheng, Y.M. 96435
Petroff, P.M. *see* Herrick, R.W. 96312
Petroff, P.M. *see* Ngo, T.T. 61289
Petroff, P.M. *see* Weman, H. 62866
Petroianu, A. *see* Ahmed, S.S. 101962
Petroianu, A. *see* Atkinson-Hope, G. 102321
Petroianu, A. *see* Bao, Y. 101831
Petroianu, A. *see* Mangang, P. 101747
Petroianu, A. *see* van Eyssen, J. 111662
Petroianu, A. *see* Zivanovic, R. 101696
Petroianu, A. *see* Zivanovic, R. 101706
Petrolini, A. *see* Adam, W. 69709
Petrolini, A. *see* Agasi, E. 69729
Petrolo, E. *see* Bindra, R. 90209
Petrolo, E. *see* Bindra, R. 100949
Petropoulos, P.G. Wave hierarchies for propagation in dispersive electromagnetic media 97051
Petropulu, A.P. *see* Abeyratne, U.R. 101190
Petropulu, A.P. *see* Pozidis, H. 117929
Petropulu, A.P. *see* Subramaniam, S. 108232
Petropulu, A.P. *see* Wendt, C. 117284
Petrosenko, R.D., Vandervoort, A.A., Chesworth, B.M., Porter, M.M., Campbell, G.J. Development of a home ankle exerciser 80409
Petrosino, A., Marsella, M. Neural fuzzy image segmentation by a hierarchical approach 117871
Petrosino, A. *see* Farina, A. 68579
Petrosky, K.J. *see* Potyraj, P.A. 83379
Petrossian, K. *see* Sarkisyan, D. 76175
Petrosyan, A.G. *see* Ovanesyan, K.L. 92654
Petrosyan, R.A. *see* Lysko, V.V. 121356
Petrosyan, V.I. *see* Ushakov, N.M. 110168
Petrou, A. *see* Haetty, J. 103915
Petrou, A. *see* Jonker, B.T. 74336
Petrou, A. *see* Kono, J. 62964
Petrou, A. *see* Ryu, S.R. 105372
Petrou, M. *see* Bosdogianni, P. 120737
Petrou, M. *see* Papachristou, P. 86821
Petrou, M. *see* Song, K.Y. 108671
Petrov, A.A. *see* Afanas'ev, V.P. 95266
Petrov, A.A. *see* Boutchenkov, V.A. 107173
Petrov, A.I. *see* Sukhorukov, G.B. 110229
Petrov, A.L. *see* Levin, A.V. 107641
Petrov, A.N. *see* Cherepanov, V.A. 81793
Petrov, A.P., Kuzmin, L.V. Visual space geometry derived from occlusion axioms 67080
Petrov, A.Yu. *see* Martynova, O.I. 121354
Petrov, B.K. *see* Kursheva, E.N. 105241
Petrov, D.V. Second harmonic generation by off-axis propagation direction in an anisotropic optical waveguide 65931
Petrov, D.V. Guided and radiation modes of a graded-index waveguide with defocusing nonlinearity 85057
Petrov, D.V. Nonlinear phase shift by cascaded quasi-phase-matched second harmonic generation 107599
Petrov, D.V. *see* Gomes, A.S.L. 116678
Petrov, J.K., Nenkova, B.G. An approach about investigation of the technological process of small series high reliable technical products 92143
Petrov, K. *see* Kumar, M.P.S. 71651
Petrov, K.P., Curl, R.F., Tittel, F.K., Goldberg, L. Continuous-wave tunable 8.7-µm spectroscopic source pumped by fiber-coupled communications lasers 116632
Petrov, K.P., Tittel, F.K., Curl, R.F., Waltman, S., Hollberg, L. Tunable infrared laser sources for spectroscopy and atmospheric trace gas detection 96395
Petrov, K.P., Waltman, S., Curl, R.F., Tittel, F.K., Hollberg, L. Application of a diode-laser-based CW tunable IR source to methane detection in air 65592
Petrov, K.P. *see* Tittel, F.K. 111300
Petrov, M.S. *see* Volkov, E.P. 102353
Petrov, N.S. *see* Belyi, V.N. 85147
Petrov, S.P. *see* Gluskin, E. 101000
Petrov, S.P. *see* Vinokurov, N.A. 96552
Petrov, V., Gurev, B., Kolosov, V., Kuryshov, S., Lapin, S., Sapriel, J. Using of acoustooptical resonant conditions in GaAs and InP for the creation of high efficiency 2 GHz bandwidth Bragg cells 85161
Petrov, V., Noack, F. Narrow-band seeding of an optical parametric amplifier in the femtosecond regime 85720
Petrov, V., Noack, F. Mid-infrared femtosecond optical parametric amplification in potassium niobate 116734
Petrov, V. *see* Gorniker, E. 100510
Petrov, V. *see* Limberg, T. 96535
Petrov, V.A., Sandler, I.M. The new transistor type nanostructure on the base of the controlled electronic interference effects 84498
Petrov, V.A., Sandomirsky, V.B. Modulation of the optical absorption edge of the quantum well by the field of strong electromagnetic wave 105378
Petrov, V.A. *see* Dolbilov, G.V. 94192
Petrov, V.A. *see* Dolbilov, G.V. 96490
Petrov, V.A. *see* Fateev, A.A. 89608
Petrov, V.F. *see* Bezborodov, V.S. 75601
Petrov, V.I. *see* Timoshenko, V.Yu. 94314
Petrov, V.M. *see* Vinokurov, N.A. 96552
Petrov, V.N. *see* Guryanov, G.M. 83938
Petrov, V.N. *see* Mikerov, V.I. 88928
Petrov, V.V. *see* Abramova, I.N. 62793
Petrov, V.V. *see* Kezerashvili, G.Ya. 120092
Petrov, V.V. *see* Nefedov, I.S. 93671
Petrov, Y.S. *see* Kulchin, Yu.N. 85179
Petrov, Y.S. *see* Vitrik, O.B. 89128
Petrov, Yu.S. *see* Vitrik, O.B. 110189
Petrova, D., Gospodinov, M., Sveshtarov, P. Growth and optical absorption of photorefractive Bi$_{12}$SiO$_{20}$ crystals doped with Zn and Cd and co-doped with P 113270
Petrova, E.A. *see* Balagurov, L.A. 83813
Petrova, G.N. *see* Efimov, O.N. 112277
Petrova, G.V. *see* Arsenyan, T.I. 107674
Petrova, L.F. *see* Pavlov, A.V. 86309
Petrova, T., Popov, P., Jordanova, E., Sainov, S. Holographic emulsion for the near-infrared region 65575
Petrova, Ts. *see* Sainov, V. 96795
Petrova-Koch, V. *see* Fischer, T. 94264
Petrova-Koch, V. *see* Koch, F. 94533
Petrova-Koch, V. *see* Lebedev, E.A. 114552
Petrovic, B.G. *see* Wagner, J.C. 81254
Petrovic, M. *see* Savic, Z. 80503
Petrovic, R. *see* Filipovic, S. 99389
Petrovic, S., Miletic, L., Neskovic, N. Angular distributions of ions transmitted through a very thin crystal 114553
Petrovic, V.V. *see* Popovic, B.D. 76604
Petrovic, Z. *see* Pejanovic, M. 119043
Petrovic, Z.L. *see* Bzenic, S.A. 104992
Petrovich, A., Kumar, K., Lee, T., Lawrence, P. Recent developments in flexured mass accelerometer technology 79301
Petrovich, A. *see* Greiff, P. 79303
Petrovich, V.A. A compact stellar sensor 111040
Petrovich, Z.P. *see* Shrivastava, P.N. 110893
Petrovicheva, G.A. *see* Vlasov, D.V. 100208
Petrovs, B. *see* Sika, Z. 122022
Petrovskiy, A.A. *see* Velichkoviskiy, V.V. 77055
Petrovsky, V.I., Pevtsov, E.F., Sigov, A.S., Vorotilov, K.A. Integrated ferroelectrics: some results and considerations 106375
Petrovykh, L. *see* Alvsvaag, S.J. 90124
Petrowski, A. A clearing procedure as a niching method for genetic algorithms 92562
Petrucci, G.A., Winefordner, J.D., Omenetto, N. The relaxation oscillator as a resonance photon detector 69136
Petrucci, M., Ramirez, C., Brown, J. High volume SMT assembly of high pin count PBGA devices 92234
Petrukhin, A.I. *see* Antipov, Yu.M. 69794
Petrus, P. *see* Majmundar, M.V. 116930
Petrusis, C. *see* Lackner, A.M. 95878
Petruskevicius, R. *see* Kuprionis, Z. 96605
Petruzzelli, V. *see* D'Orazio, A. 116123
Petruzzello, J., Haberern, K.W., Herko, S.P., Marshall, T., Gaines, J.M., Guha, S., U'Ren, G.D., Haugen, G.M. Characterization of low defect density blue-green lasers 75945
Petry, B., Mehdi, A. Controlling waterhammer at small hydro plants by valve stroking 121393
Petry, D.G. *see* Camargo, M.E. 103614
Petry, F. *see* Hellmig, J. 80102
Petry, H.R. *see* Albers, D. 69756
Petryakov, V.N. *see* Veryovkin, Y.K. 116336
Petryna, B. *see* Brinthaupt, D. 77532
Petryna, B. *see* Horng-Dar Lin 77533
Petsch, R. *see* Gauger, J. 120284
Pettenkofer, C. *see* Lang, O. 114767
Pettersen, E.K., Williams, D.A., Ahmed, H. Single-particle and transport relaxation times in back-gated undoped AlGaAs/GaAs 105233
Pettersen, H. *see* Renger, T. 118207
Pettersen, M., Raekken, R.H. DECT offering mobility on the local level. Experiences from a field trial in a multipath environment 118861
Pettersson, H., Anand, S., Grimmeiss, H.G., Samuelson, L. Optical properties of strained InP quantum dots in Ga$_{0.5}$In$_{0.5}$P studied by space-charge techniques 63022
Pettersson, H. *see* Cai, H. 120359
Pettersson, H.B.L. *see* Carlsson, C.A. 111004
Pettersson, J., Wahlgren, P., Delsing, P., Haviland, D.B., Claeson, T., Rorsman, N., Zirath, H. Extending the high-frequency limit of a single-electron transistor by on-chip impedance transformation 74775
Pettersson, K. *see* Mauthe, G. 64161
Pettersson, L. *see* Vogel, A. 66143
Pettersson, P. Principles in transmission line magnetic field reduction 91199
Pettersson, P. Principles in power system magnetic field reduction 101759
Pettersson, R.P., Boman, J. A total-reflection X-ray fluorescence spectrometer using a rotating anode 69886
Pettersson, T. *see* McIntosh, E. 120060
Pettett, A. *see* Kyriou, J.C. 80522
Petti, R. *see* Autiero, D. 80006
Pettifor, D.G. *see* Tsymbal, E.Yu. 115649
Pettifor, J.D., Flanagan, B.P. An overview of aeronautical telecommunications in Europe and worldwide 99377
Pettiford, C. *see* Dettmer, R. 93804
Pettiford, C. *see* Jenkins, T. 74704
Pettit, F.S. *see* Musolino, M.C. 70229
Pettitt, G. *see* Lee, W.S. 78706
Pettitt, G. *see* Lee, W.S. 99557
Pettitt, G. *see* Markandey, V. 69386
Pettruzello, J. *see* Baude, P.F. 65244
Petty, C.C. *see* Harris, T.E. 112076
Petty, G. *see* Zhu, J. 115662
Petty, L. *see* van Rooij, M. 100430
Petty, M.C. Molecular electronics: Prospects for instrumentation and measurement science 62502
Petty, R.S., Godber, S.X., Evans, J.P.O., Robinson, M. 3-D line-scan imaging system for robotic measurement 79552
Petty, T. *see* Stockstad, T. 104343
Petuhov, I.S. *see* Chemeris, V.T. 97008
Petuhov, I.S. *see* Chemeris, V.T. 102636
Petukhov, A.G. *see* Brehmer, D.E. 63561
Petukhov, V.O. *see* Gorobets, V.A. 116358
Petukhov, V.P., Toeroek, I., Terasawa, M. High resolution PIXE instrumentation survey. III 100379
Petukhov, V.P. *see* Kerkow, H. 90184
Petukhov, Y. *see* Martellotti, G. 80122
Petukhova, N. *see* Palto, S. 84689
Petukhova, N.Yu. Numerical solution of nonlinear singularly perturbed boundary value problem 103774
Petz, F.A. *see* Craig, A.D. 88406
Petzing, J.N., Tyrer, J.R., Oswin, J.R. Improved interferometric techniques for measuring flextensional transducer vibration patterns underwater 80687
Petzold, G. *see* Albrecht, H.-J. 92237
Petzold, J. *see* Ernst, H. 108424
Petzold, M., Petersilge, M., Abe, T., Reiche, M. Interface strength characterization of bonded wafers 63205
Petzoldt, J. *see* Klotz, F. 121737
Petzoldt, J. *see* Reimann, T. 115186
Petzow, G.E. Tailored microstructures of silicon nitride ceramics 92951
Peuch, O.Le *see* Le Peuch, O.
Peurrung, A.J. Capillary optics for neutron capture therapy 80438
Peuser, P., Axtner, R., Zeller, P., Heinz, P. Electrooptically Q-switched, diode-pumped, high repetition rate Nd:YVO$_4$ laser 107167
Peuser, P. *see* Pfeiffer, A. 107168
Peuser, P. *see* Plorin, J. 107185
Peuzin, J.C. *see* Baclet, Ph. 115554
Pevtsov, E.F. *see* Petrovsky, V.I. 106375
Pevzner, V.B. *see* Fenton, E.W. 62878
Pewca, W. *see* Kozlowski, M. 121533
Pey, K.L., Leslie, A.J. Focused ion beam sample preparation for high spatial resolution X-ray microanalysis 72349
Pey, K.L. *see* Leslie, A.J. 106121
Pey, K.S. *see* Lau, W.S. 74491
Peyghambarian, N., Meerholz, K., Volodin, B.L., Sandalphon, Kippelen, B. Organic photorefractive materials 106743
Peyghambarian, N. *see* Coudray, P. 85041
Peyghambarian, N. *see* Eliseev, P.G. 64973
Peyghambarian, N. *see* Fallahi, M. 96400
Peyghambarian, N. *see* Giessen, H. 65495
Peyghambarian, N. *see* Giessen, H. 94524
Peyghambarian, N. *see* Giessen, H. 96294
Peyghambarian, N. *see* Guerreiro, P.T. 65237
Peyghambarian, N. *see* Guerreiro, P.T. 94562
Peyghambarian, N. *see* Mohs, G. 76270
Peyghambarian, N. *see* Mohs, G. 94525
Peyghambarian, N. *see* Najafi, S.I. 95785
Peyghambarian, N. *see* Ohtsuki, T. 116091
Peyghambarian, N. *see* Sandalphon 64602
Peyghambarian, N. *see* Sandalphon 69540
Peyghambarian, N. *see* Sandalphon 116705
Peyghambarian, N. *see* Ten, S. 64794
Peykov, P., Diaz, T., Juarez, H., Castanedo, R. The role of metallic impurities in the field-enhanced carrier generation in MOS structures 74481
Peyne, C.M., Fallon, M., Stevenson, J.T.M., Walton, A.J. An electrical test structure to evaluate substrate compatibility with wafer cleaning 114955
Peyrade, J.P. *see* Ressier, L. 74369
Peyravian, M., Gun, L. Bandwidth efficiency of the networking broadband services architecture: A case study 98572
Peyre, H. *see* Camassei, J. 63222
Peyre, J.L., Gaumont, E., Labourie, C., Pinquier, A., Jarry, P., Gentner, J.L. CH$_4$/H$_2$/N$_2$ reactive ion beam etching for InP based photonic devices 94811
Peyre, P. *see* Briot, M. 87185
Peyrelavigne, A. *see* Laporte, A. 63202

Peyretailade, T. *see* Mallet, A. 83402
Peyrin, F. *see* Laurent, C. 80306
Peyrouze, N., Muller, G. FT-NFS: an efficient fault-tolerant NFS server designed for off-the-shelf workstations 98668
Peyrouze, N. *see* Muller, G. 83143
Peyton, A.J., Burch, J.R., Bradshaw, A., Dorey, A.P. The teaching of sensors and instrumentation to second year electronics/mechatronics students 72125
Peyton, A.J. *see* Lyon, G.M. 99839
Peyton, B.W. *see* Ng, E.G. 61021
Peyturaux, R. A precision automatic polychromatic pyrometer 89064
Pezennec, H.Le *see* Le Pezennec, H.
Pezeshki, B. *see* Kash, J.A. 65394
Pezeshki, B. *see* Sandstrom, R.L. 114941
Pezeskhi, B., Agahi, F., Kash, J.A., Chui, H.C. New gratingless wavelength-stabilized laser 116529
Pezoldt, J. *see* Baumann, U. 105264
Pezoldt, J. *see* Cimalla, V. 103988
Pezoldt, J. *see* Heera, V. 105587
Pezoldt, J. *see* Spiess, L. 105473
Pezzani, J. *see* Granet, C. 68826
Pfaff, K.G. Radio surveillance enhancements by means of digital signal processing 99069
Pfaffenbach, K. *see* Selvamanickam, V. 75330
Pfaffmann, G. Induction hardening meets new PT challenges 122084
Pfammatter, T. *see* Prince, M.R. 69990
Pfannkuche, D. *see* Gerhardts, R.R. 63065
Pfarr, K.P. *see* Bishop, J.W. 113964
Pfau, T. *see* Nowak, S. 115047
Pfeffer, H. *see* Flora, R. 89921
Pfeffer, N. *see* Nunzi, J.M. 85629
Pfeffer, R.L. *see* Cole, M.W. 83976
Pfefferl, P. *see* Watanabe, Y. 61898
Pfefferl, P. *see* Watanabe, Y. 93381
Pfeffermann, E. *see* Soltau, H. 110553
Pfeifer, M. *see* Woryna, E. 110530
Pfeifer, T., Loffler, T., Roskos, H.G., Kurz, H., Singer, M., Biebl, E.M. Electro-optic measurement of the electric near-field distribution of 7 GHz planar resonator 83344
Pfeiffer, A., Peuser, P., Schmitt, N.P., Kokta, M. Dynamics of diode-pumped lasers passively Q-switched with Cr^{4+}:YAG 107168
Pfeiffer, A. *see* Agakichiev, G. 69736
Pfeiffer, A. *see* Faschingbauer, U. 110557
Pfeiffer, B. *see* Sierens, C. 67950
Pfeiffer, C.G., Masson, B.L. Technology demonstration by the Onboard Signal and Data Processor 88955
Pfeiffer, D. *see* Bier, F.F. 120271
Pfeiffer, F. *see* Hadwich, V. 73004
Pfeiffer, G., Kunze, K. Discriminant classification of motor unit potentials (MUPs) successfully separates neurogenic and myopathic conditions. A comparison of multi- and univariate diagnostical algorithms for MUP analysis 80396
Pfeiffer, J. *see* Schussler, M. 83393
Pfeiffer, L.N. *see* Ashkinadze, B.M. 63039
Pfeiffer, L.N. *see* Barrett, S.E. 105367
Pfeiffer, L.N. *see* Boebinger, G.S. 105423
Pfeiffer, L.N. *see* Chang, A.M. 105277
Pfeiffer, L.N. *see* Plaut, A.S. 62987
Pfeiffer, L.N. *see* Wegscheider, W. 65289
Pfeiffer, L.N. *see* Willett, R.L. 105248
Pfeiffer, M., Sun, Y., Yang, D.-K., Doane, J.W., Sautter, W., Hochholzer, V., Ginter, E., Lueder, E., Yaniv, Z. Design of PSCT materials for MIM addressing 85142
Pfeiffer, M. *see* Werncke, W. 85590
Pfeiffer, M. *see* Werncke, W. 85630
Pfeiffer, M. *see* Werncke, W. 96741
Pfeiffer, U. *see* Schultz, J. 63074
Pfeiffer, W., Zender, C., Zimmer, V., Koch, H. Diagnostics of corona discharges and prebreakdown phenomena at spacers in SF$_6$ stressed by very fast transient voltages 81642
Pfeiffer, W. *see* Klose, H.A. 106815
Pfeilmaier, P. Aluminium electrolytic capacitor batteries for invertors 121912
Pfender, E. *see* Zhou, X. 62570
Pfendler, T. The ABCs of UPSs 67678
Pfening, A. *see* Telek, M. 113080
Pfennighaus, K. *see* Fissel, A. 103985
Pferschy, U. *see* Bekesi, J. 108189
Pfeufer, T. *see* Hofling, T. 111989
Pfeufer, T. *see* Hofling, T. 112016
Pfingst, B.E., Holloway, L.A., Razzaque, S.A. Effects of pulse separation on detection thresholds for electrical stimulation of the human cochlea 110929
Pfirsch, F. *see* Schulze, H.-J. 105929
Pfister, H.D., Pfister, H.L. Speaker dependent speech compression for low bandwidth communication 86132
Pfister, H.L. *see* Pfister, H.D. 86132
Pfister, O., Murtz, M., Wells, J.S., Hollberg, L., Murray, J.T. Division by 3 of optical frequencies by use of difference-frequency generation in noncritically phase-matched RbTiOAsO$_4$ 107612
Pfitzenmaier, H. *see* Bottcher, E.H. 83300
Pfitzmann, A. *see* Federrath, H. 109369
Pfitzner, L. *see* Roberts, E. 70509
Pflasterer, J. DC-DC converter ICs address the needs of battery-powered systems 71403
Pflaum, J. *see* Spoddig, D. 64370
Pfleging, W., Wesner, D.A., Kreutz, E.W. CCl$_4$-assisted CF$_4$ etching of silicon in a microwave-assisted LDE (laser dry etching)-process 94797
Pfleiderer, H., Augustin, B., Kusian, W. Uniform-field model and collection efficiency of a-Si solar cell 81895
Pfleiderer, H.-J. *see* Hofmann, R. 95120
Pfleiderer, H.-J. *see* Nebel, G. 73107
Pflueger, J. *see* Brefeld, W. 96530
Pflueger, J. *see* Faatz, B. 96561
Pflueger, J. *see* Nikitina, Yu.M. 96536
Pflug, L.A., Jackson, P.M., Ioup, J.W., Ioup, G.E. Moment analysis of ambient noise dominated by local shipping 119958
Pflug, L.A. *see* Broadhead, M.K. 119331
Pfluger, J. *see* Balewski, K. 80148
Pfluger, S., Sellhorst, M., Sturm, V., Noll, R. Fiber-optic transmission of stretched pulses from a Q-switched ruby laser 107624
Pfost, M., Rein, H.-M., Holzwarth, T. Modeling of the substrate effect in high-speed Si-bipolar ICs 63908
Pfost, M., Rein, H.-M., Holzwarth, T. Modeling substrate effects in the design of high-speed Si-bipolar ICs 115321
Pfotenhauer, J.M. Integration of high T$_c$ materials in micro-SMES 91771
Pfuetzner, M. *see* Schmidt, K.H. 69627
Pfurtscheller, G., Florzinger, D., Pregenzer, M., Wolpaw, J.R., McFarland, D. EEG-based brain computer interface (BCI). Search for optimal electrode positions and frequency components 70164
Pfurtscheller, G. *see* Andrew, C. 90532
Pfurtscheller, G. *see* Kalcher, J. 120535
Pfutzner, H., Futschik, K. Electric field plethysmography–a simple tool for monitoring of respiratory-cardiac synchronism 110738
Pfutzner, H. *see* Futschik, K. 110845
Pfutzner, H. *see* Nakesch, H. 110651
Pfutzner, H. *see* Nopp, P. 70165
Phadke, A.G., Thorp, J.S. Expose hidden failures to prevent cascading outages [in power systems] 91214
Phadke, A.G. *see* Brown, D.R. 70629
Phalippou, M. *see* Doldi, L. 118189
Pham, B. *see* De Loore, B. 77534
Pham, C., Ogunfunmi, T. Multiple-symbol differential detection of M-DPSK using neural network 76693
Pham, C.D., Fdida, S. Length-based blocking and local estimations in distributed simulation: a case study 67523
Pham, D. *see* Anderson, H. 83653
Pham, H. *(editor)* Proceedings of the IASTED International Conference Reliability Engineering and Its Applications 60389
Pham, H., Hamza, M.H. *(editors)* Proceedings of the Third IASTED International Conference. Reliability, Quality Control, and Risk Assessment 60388
Pham, H.H. *see* Rousset, V. 84251
Pham, K. *see* Bourissou, A. 68583
Pham, K. *see* Martinez, P. 111100
Pham, L. *see* Polla, D.L. 69178
Pham, M.T., Moller, D., Huller, J., Albrecht, J. Coimplantation of silver and halogens in thin SiO$_2$ films 63141
Pham, P. *see* Jeffery, P. 61996
Pham, P.C., McDonald, J., McDevitt, P. A 2.5 Gb/s 32:1/1:32 SONET mux/demux chip set 78826
Pham, Q.H., Smith, M.J.T. A morphological multistage algorithm for recognition of targets in FLIR data 86935
Pham, T.H., Hoole, S.R.H. Comparison of vector potential and flux density based object functions in magnetic shape optimization 65751
Pham, T.H., Salon, S.J., Hoole, S.R.H. Shape optimization of windings for minimum losses 116822
Pham, T.N. *see* Gronowski, P.E. 73468
Pham, T.V., Seshadri, P., Jackson, P., White, N., White, C.C. Development of a numerical SOFC cathode model 81863
Pham, V. *see* Pramanick, S. 115009
Pham, V.D. *see* Verhaege, T. 81171
Pham, V.P., Manivannan, G., Lessard, R.A. Photorefractivity and holographic applications of azo-dye doped PMMA recording materials 75409
Pham Cong-Kha *see* Cong-Kha Pham
Pham Dinh Tao *see* Le Thi Hoai An 113188
Pham Dinh Tao *see* Thai Quynh Phong 82475
Pham Hoang *see* Hoang Pham
Pham Hong Son, Ohba, K. Stability of charged liquid droplets and charged liquid meniscus at the tip of a capillary tube 76338
Pham Huy Thoa *see* Kevickzy, L. 110063
Pham Manh Lam, Makelainen, K., Sharma, A.B. Encoder and correlator receiver for non-coherent optical fibre SIK DS-CDMA LANs 118436
Pham Tien *see* Tien Pham
Pham Tung *see* Tung Pham
Pham Vinh Phuc *see* Vinh Phuc Pham
Phamdo, N. *see* Kroll, J.M. 66538
Phamdo, N. *see* Kroll, J.M. 117133
Phamdo, N.C. *see* Alajaji, F.I. 108225
Phamdo Nam *see* Nam Phamdo
Phan, A.H. *see* Zimmerman, A.F. 71666
Phan, A.H. *see* Zimmerman, A.H. 71667
Phan, D.T. *see* Radwan, H.R. 64403
Phan Hoa *see* Hoa Phan
Phan Thien Thach, Kojima, M. A generalized convexity and variational inequality for quasi-convex minimization 103695
Phan-Ke, P. *see* Tran-Quoc, T. 91051
Phaner, M. *see* Porte, L. 82620
Phang, J.C.H. *see* Chan, D.S.H. 99882
Phang, J.C.H. *see* Kolachina, S. 94848
Phang, J.C.H. *see* Lau, W.S. 74491
Phang, J.C.H. *see* Liu, Y.Y. 72255
Phang, J.C.H. *see* Quah, L.T.S. 79254
Phang, J.C.H. *see* Tao, J.M. 103517
Phang, J.C.H. *see* Wittpahl, V. 96043
Phang, J.C.H. *see* Wong, W.K. 74795
Phang Kok Wai Physical development and planning of the NTU campus 60429
Phang Kok Wai, Low Kin Kiong Development of laboratories and computing facilities 60430
Phanidhar, G. *see* Negi, A. 87124
Phanse, A., Shirani, R., Rasmussen, R., Mendel, R., Yuan, J.S. Behavioral modeling of a phase locked look 104409
Phanse, A.M., Yuan, J.S., Yeh, C.S., Gadepally, B. Radiation and hot electron effects on BiCMOS switching 63969
Phatak, S.B. *see* Osenbach, J.W. 75728
Phelan, R.J. *see* Obarski, G.E. 107233
Phelps, A.D. *see* Leighton, T.G. 66738
Phelps, A.D.R. *see* Cooke, S.J. 65006
Phelps, A.D.R. *see* Cooke, S.J. 116292
Phelps, A.D.R. *see* Garven, M. 105048
Phelps, A.D.R. *see* Ginzburg, N.S. 96510
Phelps, A.D.R. *see* Ginzburg, N.S. 107361
Phelps, D.A., Ikezi, H., Moeller, C.P. A high power experimental traveling wave antenna for fast wave heating and current drive in DIII-D and relevance to ITER 108031
Phelps, D.A. *see* Ferguson, S.W. 111613
Phelps, M.E. *see* Cherry, S.R. 90348
Phelps, M.E. *see* Cherry, S.R. 101340
Phelps, M.E. *see* Yang, J. 90440
Phelps, M.E. *see* Yang, J. 101320
Phelps, R. *see* Chen, Y.K. 69865
Phelps, R. *see* Szymanski, J.J. 110589
Phelps, R.A., Blinov, B.B., Chu, C.M., Courant, E.D., Crandell, D.A., Kaufman, W.A., Krisch, A.N., Nurushev, T.S., Ratner, L.G., Wong, V.K., Caussyn, D.D., Derbenev, Ya.S., Ellison, T.J.P., Lee, S.Y., Rinckel, T., Schwandt, P., Sperisen, F., Stephenson, E.J., von Przewoski, B., Ohmori, C. Spin flipping a stored vertically polarized proton beam with an RF solenoid 119990
Phelps, R.A. *see* Caussyn, D.D. 119984
Phelps, R.A. *see* Crandell, D.A. 100780
Phelps, T. Design for manufacture: using CAD component library to reduce time to market 99689
Phenicie, C. *see* Cain, W. 115667
Phetchakul, T., Kimura, H., Akiba, Y., Kurosu, T., Iida, M. "Backward diode" characteristics of p-type diamond/n-type silicon heterojunction diodes 105858
Phetteplace, G. Design an infrared data link using an integrated FSK transceiver 78842
Phil joo Moon *see* Jeong hyun Yi 67540
Philbrick, C.R. *see* Stevens, T.D. 120797
Philibert, W. *see* Engels, M. 78482
Philip, O.G. *see* Hassan, Y.A. 89571
Philip, R. *see* Sanchez, H. 73466
Philipp, M. *see* Henke, S. 113365
Philipp, S. *see* Lefevre, V. 98068
Philipp, W. Sercos interface in industrial application 98729
Philippakis, M., Parini, G. Compact antenna range performance evaluation using simulated pattern measurements 76609
Philippakis, M. *see* Parini, G. 76608
Philippe, O. *see* Normand, N. 86523
Philippe, R., Banks, S. Preventing corrosion in nuclear steam generators 102391
Philippet, D. *see* Dolfi, D. 66152
Philippet, D. *see* Dolfi, D. 117057
Philippon, R. *see* Anapol, M. 64868
Philippot, E. *see* Palmier, D. 106320
Philippot, L. *see* Maun, J.-C. 102322
Philippou, A.N. *see* Makri, F.S. 60716
Philippou, M. *see* Ning Zhu 101877
Philippov, A.A. *see* Vishnevsky, Yu.I. 115440
Philipps, G. *see* Dascalu, T. 75907
Philipps, P., Hoops, M., Ibbeken, K., Riegelhuth, G. The RHAPET field trial and evaluation of SOC-RATES applications 99317
Philips, D.A., Dupre, L.R., Eloot, K., Melkebeek, J.A. Effect of cutting techniques on local magnetic characteristics of SIFE 64383
Philips, M. Increasing data throughput in radio telemetry systems 87651
Philips, W. Adaptive noise removal from biomedical signals using warped polynomials 69916
Philips, W. Adaptive contour approximation by warped polynomials 87254
Philipsborn, H.von *see* von Philipsborn, H.
Phillipp, F. *see* Marschner, T. 61299
Phillipps, M.B. *see* Sammes, N.M. 81797
Phillipps, M.B. *see* Yamamoto, O. 81791
Phillips, A.C., Davis, L.E. Registering, PSF-matching and intensity-matching images in IRAF 77085
Phillips, A.F. *see* Silver, M. 96359
Phillips, A.J., Cryan, R.A., Senior, J.M. Optically preamplified pulse-position modulation for fibre-optic communication systems 68350

Phillips, A.J., Grobbelaar, G.B., Pritchard, C., Melaia, R., Jandrell, I.R. Development of a Rogowski coil to measure lightning current impulses 100263
Phillips, A.J. *see* Cryan, R.A. 68354
Phillips, A.J. *see* Kwasnik, G. 99853
Phillips, B. Have telcos missed the multimedia train? 98877
Phillips, B.S. *see* Barton, D.L. 96033
Phillips, B.S. *see* Eliseev, P.G. 64973
Phillips, B.S. *see* Osinski, M. 96027
Phillips, B.S. *see* Osinski, M. 116264
Phillips, C., Johnson, P., Garner, K., Smith, G., Shek, A., Ri-Chee Chou, Soon Leong Ultra-high-resolution radar development 99647
Phillips, C., Warnow, T.J. The asymmetric median tree–a new model for building consensus trees 98252
Phillips, C. *see* Ciesla, C.M. 105348
Phillips, C.A. *see* Chelette, T.L. 70258
Phillips, C.A. *see* Goldberg, L.A. 98253
Phillips, C.A. *see* Repperger, D.W. 70253
Phillips, C.C. *see* Tang, P.J.P. 114775
Phillips, D. *see* Ashton, E.A. 90338
Phillips, D.E. Phase locked loop analysis algorithms 93186
Phillips, D.L. *see* Sinor, T.W. 74079
Phillips, G. *see* Wind, J.J. 87625
Phillips, G.M. *see* Sri Ranga, A. 82537
Phillips, G.N., O'Grady, K., Chantrell, R.W. An analysis of magnetic viscosity in MO films. 1. Experimental 106588
Phillips, G.N., O'Grady, K., Meng, Q., Lodder, J.C. Domain structure and magnetisation processes in magneto-optic Co/Pt thin films 115613
Phillips, G.W. *see* King, S.E. 80063
Phillips, G.W. *see* King, S.E. 101017
Phillips, I.T. *see* Jisheng Liang 66885
Phillips, I.W. *see* Nche, C.F. 108924
Phillips, J. *see* Bardwell, J.A. 114968
Phillips, J. *see* Baude, P.F. 74430
Phillips, J. *see* Kamath, K. 83962
Phillips, J. *see* Kamath, K. 96266
Phillips, J.E. *see* Birkmire, R.W. 112370
Phillips, J.M. *see* Korenivski, V. 75155
Phillips, J.M. *see* Nadgorny, B. 115944
Phillips, J.M. *see* Suzuki, F. 75184
Phillips, J.M. *see* Suzuki, Y. 75164
Phillips, J.R., Chiprout, E., Ling, D.D. Efficient full-wave electromagnetic analysis via model-order reduction of fast integral transforms 82859
Phillips, J.W., Leahy, R.M., Mosher, J.C. MEG-based imaging of focal neuronal current sources 101336
Phillips, J.W. *see* Lockwood, M.D. 70238
Phillips, K. *see* Tamir, D.E. 86763
Phillips, L. *see* Posey, R. 110415
Phillips, L. *see* Sharma, A. 100065
Phillips, L.C., Turpin, T.M. Moving target SAR/ISAR imaging using the ImSyn™ processor 119297
Phillips, L.C. *see* Gesell, L.H. 80260
Phillips, M.E., Adams, B.J. Transforming the Ferraris disc meter into a key element in an automated meter reading system 102310
Phillips, M.H., Stelzer, K.J., Mayberg, M.R., Winn, H.R. Effects of irradiation geometry on treatment plan optimization with linac-based radiosurgery 110899
Phillips, M.R., Anthon, D.W., Sweeney, K.L. Chromatic dispersion effects in CATV analog lightwave systems using externally modulated transmitters 88640
Phillips, M.R. *see* Ariyavisitakul, S. 68079
Phillips, M.R. *see* Ariyavisitakul, S. 68193
Phillips, M.R. *see* Kim, Y. 114737
Phillips, M.R. *see* Shankaranarayanan, N.K. 78249
Phillips, N.J. *see* Coleman, Z.A. 96820
Phillips, N.J. *see* Sheerin, D.T. 96760
Phillips, P.G. *see* Dixon, B.G. 72959
Phillips, P.J., Huang, J., Dunn, S.M. An efficient micrograph registration algorithm via sieve processes 86338
Phillips, P.J., Huang, J., Dunn, S.M. Object identification and registration via sieve processes 117633
Phillips, P.J., Kadi, A.P., Von Ramm, O.T. Feasibility study for a two-dimensional diagnostic ultrasound velocity mapping system 120401
Phillips, P.J., Vardi, Y. Efficient illumination normalization of facial images 86953
Phillips, P.J. *see* Khizhny, V.I. 94474
Phillips, P.J. *see* Wilder, J. 117894
Phillips, P.M., Hor, C., Malsawma, L., Jensen, K.L., Zaidman, E.G. Design and construction of apparatus for characterization of gated field emitter array electron emission 74056
Phillips, P.M., Malsawma, L., Hor, C., Nguyen, K., Jensen, K.L. Field emitted beam diagnostics for RF amplifiers 105012
Phillips, P.M. *see* Jensen, K.L. 62563
Phillips, P.M. *see* Jensen, K.L. 104995
Phillips, P.M. *see* Zaidman, E.G. 105013
Phillips, R. *see* Fowkes, W.R. 100416
Phillips, R.L. *see* Harvey, J.E. 111408
Phillips, R.M. *see* Balkcum, A.J. 105045
Phillips, R.M. *see* Balkcum, A.J. 116291
Phillips, R.W., Bleikolm, A.F. Optical coatings for document security 116180
Phillips, S. *see* Coppersmith, D. 92487
Phillips, S. *see* Lund, C. 109305
Phillips, S.M. *see* Mourlas, N.J. 81496
Phillips, S.M. *see* Singh, A. 74966
Phillips, T. *see* Majumdar, S. 87748
Phillips, T.L. *see* Diederich, C.J. 70203
Phillips, W.A., Jedamzik, D., Lamacraft, K., Zammattio, S., Greed, R.B., Hedges, S.J., Whitehead, P.R., Nicholson, B.F., Button, T.W., Alford, N.McN., Peters, N., Grier, J. An integrated 11 GHz cryogenic downconverter 62304
Phillips, W.E., II, Brown, H.K., Bouza, J., Figueroa, R.E. Neuroradiologic MR applications with multiparametric color composite display 69987
Phillips, W.H. *see* Kersting, W.H. 71329
Phillips, W.H. *see* Kersting, W.H. 71399
Phillips, W.J., Tosuner, C., Robertson, W. Speech recognition techniques using RBF networks 76855
Phillips, W.J. *see* Sen, S. 108211
Philmon, E. A tale of two systems (FTTC/SDV) 78748
Philosof, A. *see* Madjar, A. 73720
Philp, W.R. *see* Gachagan, A. 104221
Philp, W.R. *see* Pierce, S.G. 110176
Phinn, S. *see* Stow, D. 111340
Phinney, L.M. *see* Fushinobu, K. 74670
Phinney, N. *see* Adolphsen, C. 89648
Phinney, N. *see* Raubenheimer, T. 89588
Phinney, N. *see* Zimmermann, F. 89651
Phipps, C.R., Albrecht, G., Friedman, H., Gavel, D., George, E.V., Murray, J., Ho, C., Priedhorsky, W., Michaelis, M.M., Reilly, J.P. ORION: clearing near-Earth space debris using a 20-kW, 530-nm, Earth-based, repetitively pulsed laser 80679
Phipps, M.W. *see* Comtois, J.H. 74977
Phipps, S.P. *see* Rittenhouse, T.L. 107063
Phipps, T.G.C. *see* Wilkinson, T. 78068
Phlips, B. *see* Inderhees, S.E. 101022
Phlips, B.F., Inderhees, S.E., Kroeger, R.A., Johnson, W.N., Kinzer, R.L., Kurfess, J.D., Graham, B.L., Gehrels, N. Performance of a Compton telescope using position-sensitive germanium detectors 90123
Phlips, B.F., Inderhees, S.E., Kroeger, R.A., Johnson, W.N., Kinzer, R.L., Kurfess, J.D., Graham, B.L., Gehrels, N. Performance of a Compton telescope using position-sensitive germanium detectors 101023
Phlips, B.F. *see* Inderhees, S.E. 80073
Phoha, V.V., Oldham, W.J.B. Image recovery and segmentation using competitive learning in a layered network 86958
Phomsakha, V., Djeu, N. Fiber-optic high-temperature thermal source 96865
Phong, L.Ngo *see* Ngo Phong, L.
Phong Thai Quynh *see* Thai Quynh Phong
Phu, H.X. Some properties of globally δ-convex functions 72546
Phu, H.X., Bock, H.G., Schloder, J.P. Extremal solutions of some constrained control problems 81345
Phu, P. *see* Ishimaru, A. 97055
Phu, P. *see* Kuga, Y. 85856
Phu, X.Nguyen *see* Nguyen Phu, X.
Phua, J. *see* Lianjun Liu 105646
Phuc Pham Vinh *see* Vinh Phuc Pham
Phuc Tcan Ky *see* Tcan Ky Phuc
Phulpin, T. *see* Durpaire, J.P. 70545
Phung, B. *see* Chehab, R. 89714
Phung, T., McCormick, D., Ahrel, B. Peak load control on TMP refiners 122109
Phung Quang Nguyen *see* Nguyen Phung Quang
Phyland, C.G. *see* Hollenkamp, A.F. 112571
Pi, F. *see* Shenping Li 65399
Pi, F. *see* Shenping Li 116389
Pi Bo *see* Bo Pi
Pi Sheng Chang, Willson, A.N., Jr. Adaptive filtering using modified conjugate gradient 77066
Pi Yiming, Liu ZeMin Call admission control by Kohonen neural network in ATM network 108959
Pi Yiming, Liu Zemin Kohonen neural network based admission control in ATM telecommunication network 118014
Pi-Hai Liu, Yinyi Lin Block decodable multitrack (d,k) codes 115820
Pi-Tung Chen, Fiddy, M.A., Liao, C.-W., Pommet, D.A. Blind deconvolution and phase retrieval from point zeros 98025
Pi-Yang Chiang *see* Chen Tai 78813
Pi-Yang Chiang *see* Chien Tai 99574
Piacente, P.A. *see* Cooper, P.D. 83476
Piaggio, M., Sgorbissa, A., Vercelli, G., Zaccaria, R. Fusion of sensor data in a dynamic representation 119876
Piana, G.M. *see* Gori, M. 101622
Piana, M., Bertero, M. Regularized deconvolution of multiple images of the same object 98024
Piancastelli, L. *see* Persiani, F. 98016
Piarulli, F. *see* Angelucci, A. 66038
Piarulli, F. *see* Angelucci, A. 76667
Piasecki, M. Distributed perception for reactive navigation 117441
Piasetzky, E. *see* Wu, J. 110619
Piaszczyk, C. *see* Paulson, C.C. 89598
Piataev, V. *see* Burkhard, H. 96242
Piatek, R., Riemann, A., Thomas, J. Regional information system using portable RDS-terminals 99732
Piater, J., von Specht, H., Stuchlik, F., Muhler, R. BAEP: peak identification with automatic assessment of reliability 70103
Piattelli, P. *see* Bellia, G. 90238
Piattelli, P. *see* Bellia, G. 100996
Piatyszek, E. *see* Raoof, K. 101352
Piau, G.-P. *see* Tardy, I. 107872
Piazza, E. *see* Cuomo, S. 88708
Piazza, F., Christianen, P.C.M., Maan, J.C. Electric field dependent EL2 capture coefficient in semi-insulating GaAs obtained from propagating high field domains 105178
Piazza, F., Qiuting Huang A 12 mA triple-conversion receiver for GPS 78636
Piazza, F. *see* Benvenuto, N. 118746
Piazza, F. *see* Marchesi, M.L. 93647
Piazzi, A. *see* Menozzi, R. 114252
Piazzi, L. *see* Bertoni, H.L. 68162
Piazzi, L. *see* Bertoni, H.L. 118857
Piazzo, L. Algorithm for SBS receivers/decoders 76712
Piazzolla, S., Jenkins, B.K. Holographic grating formation in photopolymers 96782
Pibarot, P. *see* Durand, L.-G. 101232
Pic, E. *see* Shabat, M.M. 76174
Pica, A. *see* Larimer, J. 100197
Pica, S., Scarpetta, G., Spirito, P. Thermal instability in power bipolar transistors: Experimental data and electro-thermal simulation 82953
Pica, S., Scarpetta, G., Spirito, P. Thermal instability in power BJTs: radiometric detection of transient temperature maps and electro-thermal simulation 105891
Picard, A., Ehrfeld, W., Reinhardt, J., Morlion, D., Vandewege, J., Vetter, P.J. High precision LIGA structures for optical fibre-in-board technology 112910
Picard, A. *see* Bauer, H.-D. 106801
Picard, A. *see* De Pestel, G. 119219
Picard, C. *see* Bernstein, P. 95486
Picard, C. *see* Trousset, Y. 70059
Picard, C.Louis dit *see* Louis dit Picard, C.
Picard, J.A. *see* Jaske, E.J. 91243
Picard, R.W. *see* Liu, F. 97884
Picard, R.W. *see* Sherstinsky, A.S. 77401
Picard, Y., Thompson, C.J., Moreno-Cantu, J.J. Motion correction of PET images using multiple acquisition frames 101101
Picardello, M.A. *see* Cohen, J.M. 67021
Picardi, G. *see* Fedele, G. 109845
Picart, A. *see* Pyndiah, R. 76760
Picazo, M.L., de Miguel, M.P., Romo, M.A., Varela, L., Franco, P., Gianonatti, C., Bardasano, J.L. Changes in mouse adrenal gland functionality under second-generation chronic exposure to ELF magnetic fields. I. Males 90628
Picca, D. *see* Bacci, C. 100845
Piccardi, C. On taming chaos using LTI filters 66723
Piccardi, S. *see* Barbiellini, G. 69722
Piccaro, M.F. *see* Tesic, M. 80322
Picciano, G. *see* Priscoli, F.D. 78516
Picciau, M., Leo, G., Assanto, G. Versatile bistable gate based on quadratic cascading in a Bragg periodic structure 65434
Piccinelli, G. *see* Cardarelli, R. 118744
Piccini, G. *see* Berizzi, A. 101979
Piccinin, D. *see* Boffi, P. 88047
Piccinini, F. *see* Concannon, A. 61873
Piccinini, S. *see* Mours, B. 100821
Piccinini, S. *see* Mours, B. 120196
Piccinno, V. *see* Perrone, M.R. 107040
Piccioli, E.G. *see* Nagorski, W. 119552
Piccioli, G., de Micheli, E., Parodia, P., Campani, M. Robust method for road sign detection and recognition 77203
Picciolo, J.J. *see* Balachandran, U. 91234
Piccirilli, M.C. *see* Catelani, M. 113697
Piccirilli, M.C. *see* Catelani, M. 119538
Piccirilli, M.C. *see* Luchetta, A. 93057
Piccirilli, M.C. *see* Manetti, S. 62084
Piccirillo, A. *see* Cinguino, P. 96430
Piccirillo, A. *see* Delpiano, F. 99461
Piccirillo, J. *see* Hook, T.B. 84574
Piccirillo, L. *see* Kowitt, M.S. 99705
Piccirillo, L. *see* Schaefer, R.K. 68783
Piccolo, R. *see* Maltese, P. 89379
Piccolomini, E.L. *see* Baronio, A. 87149
Piccone, D.E. *see* Eriksson, L.O. 94949
Pichaud, B. *see* Mangelinck, D. 63432
Pichaud, B. *see* Mangelinck, D. 83815
Piche, M., Cornier, J.-F., Xiaonong Zhu Bright optical soliton in the presence of fourth-order dispersion 76188
Piche, M. *see* Xiaonong Zhu 75453
Piche, M. *see* Xiaonong Zhu 96163
Picheta, L., Allamando, E.-A., Gosse, E. Nonlinear phenomenological modelling 94965
Pichler, C. *see* Ban, J. 69810
Pichler, C. *see* Schrom, G. 84583
Pichler, F. From microelectronics towards micromechatronics 106254
Pichler, F. *see* Scharinger, J. 108446
Pichler, K. *see* Halls, J.J.M. 64901
Pichler, K. *see* Halls, J.J.M. 75723
Pichler, K. *see* Jarrett, C.P. 62698
Pichler, P., Ryssel, H., Wallmann, G., Ploss, R. Enhanced diffusion of antimony caused by phosphorus diffusion at high concentrations 62669
Pichler, P. *see* Jacob, M. 94216
Pichna, R., Qiang Wang A MAC protocol for the integrated wireless access network 87984
Pichoff, N. *see* Beauvais, P.-Y. 89995
Pichoff, N. *see* Haouat, G. 89994

Pichon, L. Comparison between tangentially continuous vector finite elements for eigenvalue problems in 3D cavities 62191
Pichon, L., Raoult, F., Bonnaud, O., Briand, D. Polysilicon TFT for active-matrix applications: electrical performance improvement by using a lightly in-situ doped drain 63675
Pichon, L., Raoult, F., Mohamed-Brahim, T., Bonnaud, O., Sehil, H. Effects of the in-situ drain doping on hot-carrier degradation in polysilicon thin film transistors 74718
Pichon, L. *see* Belhora, A.K. 65768
Pichon, L. *see* Gratkowski, S. 65784
Pichon, L. *see* Gratkowski, S. 65890
Pichon, L. *see* Gratkowski, S. 76414
Pichot, C. *see* Belkebir, K. 61505
Pichugin, S.Y. *see* Igoshin, V.I. 65041
Pichugin, S.Y. *see* Igoshin, V.I. 75792
Picinbono, B. Second-order complex random vectors and normal distributions 117331
Picinbono, B., Chevalier, P. Extensions of the minimum variance method 66779
Picinbono, B. *see* Chevalier, P. 117329
Pickalov, V.V. *see* Likhachov, A.V. 70074
Pickar, E. *see* Pomerantz, S.M. 111020
Pickard, D. *see* Sarstedt, M. 100784
Pickard, D.S., Kunkel, W.B., Leung, K.N., Young, A.T. Plasma production via laser-induced photoemission 69695
Pickard, W.F. Where do we go from here? [bioelectromagnetic effects] 90641
Pickel, E. 27 years of operation of Obrigheim Nuclear Power Station 81256
Pickel, J.C. Single-event effects rate prediction 70332
Pickel, J.C. Single event damage effects in cryogenic CMOS microelectronics 74847
Pickel, J.C. Single event damage effects in cryogenic CMOS microelectronics 106229
Picker, D., Fellman, R.D. Successive superposition: a technique for the exact modeling of deterministic packet queuing networks 118056
Pickering, A., Jones, E.V. ATM in the copper access network considerations for carrying a ATM over copper 67946
Pickering, C. *see* Nejim, A. 94928
Pickering, J.P. *see* Dudel, F.P. 116215
Pickering, J.R. SPC in calibration: the good, the bad and the ugly! 68967
Pickering, L.W. *see* Scales, W.H. 78577
Pickert, G. Extension of gravity centers configuration to Steiner triple systems 72480
Pickert, G. *see* Jungnickel, D. 72410
Pickett, D.F., Jr. *see* Scoles, D.L. 90718
Pickett, E.E., Varagiannis, A.K. Performance of urban CDMA cellular systems with optimal capacity assignment 68129
Pickholtz, R.L. LEOS system for global personal communications 99426
Pickholtz, R.L. *see* Lee, W. 109447
Pickholtz, R.L. *see* Vojcic, B.R. 99232
Pickholtz, R.L. *see* Wookwon Lee 86294
Pickler, O. *see* Hackstein, J. 90455
Pickup, E. *see* Young, M. 100399
Pickup, I.E.D. *see* Auckland, D.W. 71269
Pickup, L.D. *see* Engel, J.J. 115326
Picon, G. *see* Wong, M.F. 73647
Picon, O. *see* Ling, B. 76520
Picon, O. *see* Linot, B. 65953
Picotto, G.B., Desogus, S., Lanyi, S., Nerino, R., Sosso, A. Scanning tunneling microscopy head having integrated capacitive sensors for calibration of scanner displacements 69078
Picotto, G.B., Desogus, S., Lanyi, S., Nerino, R., Sosso, A. A STM head having integrated capacitive sensors for calibration of scanner displacements 79334
Picotto, G.B. *see* Barbato, G. 68958
Picozza, P. *see* Barbiellini, G. 69722
Picton, P. *see* Thompson, B. 70129
Picunko, T. *see* Koch, R.H. 95510
Pidaparti, R.M.V. *see* Kiser, R. 70257
Pidcock, M.K. *see* Ciulli, S. 110844
Pidcock, M.K. *see* Shi, Y. 101358
Pidduck, A.J., Bryan-Brown, G.P., Haslam, S., Bannister, R., Kitely, I., McMaster, T.J., Boogaard, L. Atomic force microscopy studies of rubbed polyimide surfaces used for liquid crystal alignment 95839
Pidduck, A.J. *see* Whitaker, T.J. 105631
Piderit, G.J. *see* Retuert, P.J. 72855
Pidgeon, C.R. *see* Ciesla, C.M. 105348
Pidgeon, C.R. *see* Heiss, W. 62960
Pidgeon, C.R. *see* Murdin, B.N. 62856
Pidgeon, R.E. *see* Atlas, D.A. 88566
Pidin, S., Matsumoto, T., Terao, N., Koyanagi, M. Modelling of impact ionization current for LDD SOI MOSFETs 84416
Pidin, S. *see* Kee-Ho Yu 93437
Pie-Yong Wang *see* Jenn-Fang Chen 74331
Piebe, A. *see* Recce, M. 108595
Piec, Z., Puhn, F., Oikawa, A., Helary, J.-L., Ioki, K., Johnson, G., Shimizu, K., Tachikawa, N. ITER magnet and structure assembly plan 106721
Piechaczek, A. *see* Van Duppen, P. 69686
Piechotka, M. *see* Lang, H.P. 63339
Piechotta, P. New INTEGRAL 33×E exchange with central signalling system 87570
Pieczynski, A. *see* Korbicz, J. 111702
Pieczynski, W. *see* Benmiloud, B. 67042
Pieczynski, W. *see* Marzouki, A. 111139
Piedboeuf, J.-C., Miller, S. Estimation of endpoint position and orientation of a flexible link using strain gauges 110393
Piedigrossi, D. *see* Puertolas, D. 120202
Piedra, R.M., Fritsch, A. Digital signal processing comes of age 61924
Piegl, L., Tiller, W. Algorithm for approximate NURBS skinning 82523
Piehl, D. Using the right meter for power quality troubleshooting 91235
Piehler, D. *see* Kuo, C.Y. 78814
Piejak, R.B. *see* Alexandrovich, B.M. 71892
Piejak, R.B. *see* Alexandrovich, B.M. 112599
Piejko, A. *see* Sanchez, H. 73466
Piek, J.J. *see* Bos, L.J. 69974
Piekarczyk, A.J. *see* Crow, J.D. 119221
Piekarczyk, W. A general thermochemical concept of diamond formation by chemical vapor deposition 92944
Piel, H., Busch, D., Fischer, B., Lehndorff, B., Theisejans, R. Transport properties of silver sheathed BSCCO-2223 tapes in high magnetic fields 84861
Piel, H., Kurschner, H.-G., Lehndorff, B. Spatial distribution of levitation force and trapped flux in melt-textured $YBa_2Cu_3O_{7-x}$ 84858
Piel, H. *see* Hein, M.A. 83398
Piel, H. *see* Hein, M.A. 84890
Piel, H. *see* Pupeter, N. 73964
Piel, H. *see* Pupeter, N. 74030
Piel, H. *see* Pupeter, N. 83706
Piel, H. *see* Pupeter, N. 119977
Piel, J.P. *see* Boher, P. 94697
Piel, N. *see* Kubsky, S. 100756
Pielemeier, W.J., Wakefield, G.H., Simoni, M.H. Time-frequency analysis of musical signals 108251
Piemontesi, M., Niemeyer, L. Generation and decay of $S_2O_2F_{10}$ in SF_6 insulation 81615
Piemontesi, M., Zaengl, W. Analysis of decomposition products of sulfur hexafluoride by spark discharges at different spark energies 75051
Pien, H. *see* Tari, Z.S.G. 110750
Pien, H.H. *see* Shah, J. 87208
Piendl, R.D. *see* Rorie, J.F. 70223
Pienkowska, B. *see* Morawska, Z. 83607
Pieper, B. The effect and results of combined cycle systems on power station operation 102479
Pieper, J.M. IEEE 1174–a new serial interface specification for test and measuring instruments 119541
Pieper, R.J., Cooper, A.W., Pelegris, G. Passive range estimation using dual-baseline triangulation 67382
Pieper, R.J., Richstein, J.K., Poon, T.-C., Moore, D.J. Real-time histogram generation using active optical scanning 67068
Pieper, R.J. *see* Pace, P.E. 120607
Pieper, V., Domind, M., Kurth, P. Drift reliability by help of level crossing problems 60708
Pieper, W., Weich, K., Ludwig, R., Patzak, E., Weber, H.G. All-optical polarisation and wavelength independent 3R signal regenerator 88592
Pieper, W., Weich, K., Ludwig, R., Patzak, E., Weber, H.G. All-optical polarization and wavelength independent 3R signal regenerator 88657
Pieper, W. *see* Jahn, E. 96072
Pieper, W. *see* Ludwig, R. 78784
Pieper, W. *see* Ludwig, R. 85702
Piepers, M. Management of a fibre transmission system for video, audio and auxiliary data signals 119461
Piepmeier, J.R., Gasiewski, A.J. Three-level 1 GS/s digital correlator for wideband polarimetric radiometry 99927
Piepmeier, J.R., Gasiewski, A.J. Polarimetric scanning radiometer for airborne microwave imaging studies 120710
Pier, J.R., Preiser, M. Fast fire/heat detection and suppression for railroad vehicles 91846
Pieracci, A. *see* Selmi, L. 63671
Pierantoni, A. *see* Ciampolini, P. 69065
Pierantoni, A. *see* Vecchi, M.C. 69144
Pierantoni, L. *see* De Leo, R. 65912
Pierantoni, L. *see* Farina, M. 93843
Pierantoni, L. *see* Rozzi, T. 85926
Pierantoni, L. *see* Rozzi, T. 107976
Pierantoni, M. *see* Basile, G. 70384
Pierantoni, M. *see* Guidorzi, R.P. 92374
Pierattini, G. *see* Abbate, G. 75540
Pierazzini, G. *see* Avanzini, C. 90225
Pierazzini, G. *see* Avanzini, C. 100959
Pierce, B. *see* Corones, J. 79457
Pierce, B.L.J. *see* Gibson, T.D. 119745
Pierce, E. *see* Bodemann, A. 107463
Pierce, E. *see* Walton, C.C. 107474
Pierce, G. *see* Groshart, G. 68044
Pierce, K.G. *see* Shen, J.J. 74600
Pierce, L. Reading CEOS-SAR tapes: a new general reader and a proposed new standard 111335
Pierce, L.E. *see* Bergen, K.M. 120896
Pierce, L.E. *see* Dobson, M.C. 120707
Pierce, L.K. *see* Spaeth, J.J. 111838
Pierce, L.W. Transformer design and application considerations for nonsinusoidal load currents 71398
Pierce, P.E., Eilers, D.L., Schreiber, A.L. TDX: A high-bandwidth crossbar-switched communication paradigm 83168
Pierce, R.D. RCS characterization using the alpha-stable distribution 109717
Pierce, S.G., Philp, W.R., Gachagan, A., McNab, A., Hayward, G., Culshaw, B. Surface-bonded and embedded optical fibers as ultrasonic sensors 110176
Pierce, S.G. *see* Gachagan, A. 104221
Pierdicca, N., Marzano, F.S., d'Auria, G., Basili, P., Ciotti, P., Mugnai, A. Precipitation retrieval from spaceborne microwave radiometers based on maximum a a posteriori probability estimation 90807
Pieri, G. *see* Baldini, A. 62650
Pieri, S. *see* Olivieri, M. 116171
Pieri, S. *see* Romoli, A. 65550
Pierick, H.Ten *see* Ten Pierick, H.
Pierini, P., Fawley, W.M. Shot noise startup of the 6nm SASE FEL at the TESLA test facility 96538
Pierini, P. *see* Brefeld, W. 96530
Pierini, P. *see* Faatz, B. 96561
Piermattei, A., Azario, L., Arcovito, G., Toni, M.P. Ion-recombination correction factor k_{sat} for spherical ion chambers irradiated by continuous photon beams 80516
Pierrat, L., Resende, M.J., Santana, J. Utilization of similitude relationships to obtain a compact transformer model useful for technical and economical networks studies 102815
Pierrat, L., Tran-Quoc, T. Influences of MOV arrester during ferroresonance in underground distribution system 102135
Pierrat, L., Tran-Quoc, T. Influence of random variables on transformer inrush current 112043
Pierrat, L. *see* Ammari, A.C. 111834
Pierrat, L. *see* Tran-Quoc, T. 91051
Pierrat, L. *see* Tran-Quoc, T. 102140
Pierrat, L. *see* Tran-Quoc, T. 102809
Pierrat, L. *see* Tuan Tran-Quoc 101957
Pierre, A. *see* Blanchot, N. 85428
Pierre, B. *see* Nakajima, H. 88560
Pierre, D.A. *see* Fatehi, F. 70717
Pierre, F. *see* Abbes, M. 90145
Pierre, L. *see* Penninckx, D. 68501
Pierre, L. *see* Penninckx, D. 78714
Pierre, L. *see* Penninckx, D. 88512
Pierre, S., Hotte, R. Towards an integrated model for supporting collaborative telelearning 72129
Pierre, S., Legault, G. A heuristic method for designing computer network topologies 67605
Pierre, S. *see* Guidon, J. 109081
Pierre-Duplessix, A. *see* Marbot, R. 78055
Pierri, R., Rubinacci, G., Tamburrino, A. A quadratic approach for the reconstruction of conductivity profiles using eddy currents 65705
Pierri, R. *see* Cutolo, A. 69527
Pierri, R. *see* Isernia, T. 66050
Pierri, R. *see* Isernia, T. 66973
Pierri, R. *see* Isernia, T. 109698
Pierri, R. *see* Isernia, T. 120719
Pierri, R. *see* Leone, G. 85966
Pierri, R. *see* Leone, G. 98028
Pierro, A.B.de *see* de Pierro, A.B.
Pierro, J. *see* Merenda, J.L. 68166
Pierro, J.A. Characterization of power amplifiers using noise loading 61667
Pierschel, G. *see* Braunschweig, W. 120140
Pierschel, G. *see* Karpinski, W. 106068
Pierschel, G. *see* Karpinski, W. 115240
Pierson, J. *see* Gilles, G. 90906
Pierson, L.G. *see* Witzke, E.L. 109062
Pierson, R.L. *see* Ruai Yu 119164
Pierson, R.L. *see* Wang, K.C. 61970
Pierzchala, E., O'Shana'a, O., Van Halen, P., Perkowski, M.A. Low-voltage Gilbert current-gain cell 113771
Piesch, E. *see* Burghardt, B. 110998
Piesch, E. *see* Ranogajec-Komor, M. 110990
Pieseski, S.J. *see* Talisa, S.H. 84929
Pieseski, S.J. *see* Talisa, S.H. 93774
Piestrak, S.J. Design of self-testing checkers for Borden codes 61722
Piestrak, S.J. Design of minimal-level PLA self-testing checkers for m-out-of-n codes 61864
Pieterman, H. *see* Pasterkamp, G. 120398
Pieters, P., Brebels, S., Beyne, E. Integrated microwave filters in MCM-D 62365
Pietilainen, A. *see* Talvitie, H. 107291
Pietka, E., Huang, H.K. Epiphyseal fusion assessment based on wavelets decomposition analysis 90397
Pietralunga, S., Boffi, P., Martinelli, M. CdTe:In monocrystal modules for all-optical processing 85093
Pietralunga, S., Boffi, P., Vegetti, G., Martinelli, M. Non-coherent direct optical conversion from 1.3 to 1.5 μm 65424
Pietralunga, S. *see* Boffi, P. 88047
Pietro, A.Di *see* Di Pietro, A.
Pietrobon, S.S. Implementation and performance of a serial MAP decoder for use in an iterative turbo decoder 66474
Pietrobon, S.S. On the probability of error of convolutional codes 97558
Pietroiusti, R. Network evolution towards the B-ISDN 78113
Pietrosanto, A. *see* Angrisani, L. 110316
Pietrosanto, A. *see* Betta, G. 69216
Pietrosanto, A. *see* Betta, G. 110194
Pietrosanto, A. *see* Betta, G. 119535
Pietruszka, M., Napieralska-Juszczak, E. Lamination of T-joints in the transformer core 71391

Pietruszka, M., Napieralska-Juszczak, E. Quasi 3D magnetic field computation for anisotropic sheet layer structure 81525

Pietruszko, S.M., Olszewski, J., Zherzdev, A.V. Dependence of the equilibration temperature on hydrogen content in doped amorphous silicon 94684

Pietruszko, S.M., Pachocki, M. Deactivation of dopants in amorphous silicon 105574

Pietruszko, S.M. *see* Kyung Ha Lee 92904

Pietryga, C. *see* Frotscher, U. 94250

Pietryka, M. *see* Bane, K. 89979

Pietryka, M. *see* Wienands, U. 79958

Pietrzak, W.S., Ronk, R.M. Laser delivery design considerations using multiple optical fibers 80460

Pietsch, R. *see* de Kock, N. 91677

Pietsch, W. *see* Schrom, G. 108260

Pietsch, W. *see* Schrom, G. 108389

Piette, M., Schweicher, E., Vander Vorst, A. An indoor time-domain measurement system for studying transient radar signatures of small-scale 3D-targets: Development of the transmitting antenna 68687

Pietzonka, I. *see* Gottschalch, V. 61166

Pietzsch, J., Splett, A., Kunert, B. WDM for optical add-drop multiplexes 99482

Piffanelli, A. *see* Del Guerra, A. 90352

Piffanelli, A. *see* Del Guerra, A. 101112

Pifferi, A. *see* Mutti, P. 94262

Pigeat, P. *see* Barrat, S. 72913

Pigeon, E. *see* Grenier, D. 78987

Pigeon, S. *see* Cloutier, J. 61963

Piggin, P.W., Gallagher, M. Channel evaluation from predicted zero crossing analysis 86034

Pigli, E. *see* Olariu, S. 104281

Piglione, F. *see* Cirrincione, M. 121983

Pignari, G. *see* Parente, F. 118226

Pignari, S., Canavero, F.G. Theoretical assessment of bulk current injection versus radiation 107935

Pignari, S. *see* Daniele, V. 65881

Pignari, S. *see* Daniele, V. 97213

Pignatel, G.U. *see* Betta, G.F.D. 63800

Pignatel, G.U. *see* Dalla Betta, G.F. 120204

Pignatta, R., Turco, D., Marchese, P., Corno, F., Raneri, G. Network testing strategies for local mobility service 119007

Pignon, D., Hall, T.J., Xu, L.Q., Parmiter, P., Dainty, P., Russ, K.B., Cherry, S.R., Roberts, N.C., Prewett, P.D. A quantized optical neural network with on-line learning 64848

Pigott, K.H., Hill, S.A., Chaplin, D.J., Saunders, M.I. Microregional fluctuations in perfusion within human tumours detected using laser Doppler flowmetry 120385

Piguet, C., Schneider, T., Masgonty, J.-M., Arm, C., Durand, S., Stegers, M. Low-power embedded microprocessor design 113967

Piguet, C. *see* Mange, D. 73015

Piguet, C. *see* Von Kaenel, V. 73422

Piguet, N. DECT/RLL access systems for neighbourhood telephony 78556

Pigul'skii, S.V. *see* Baranov, V.Yu. 116347

Pihlajamaa, O. *see* Kylanpaa, M. 78563

Piibe, T. *see* Valdna, V. 94352

Piil-Henriksen, J., Merayo, J.M.G., Nielsen, O.V., Petersen, H., Petersen, J.R., Primdahl, F. Digital detection and feedback fluxgate magnetometer 79234

Piilonen, L.E. *see* Szymanski, J.J. 110589

Piiparinen, M. *see* Lhersonneau, G. 80145

Piironen, P. *see* Lehikoinen, P. 73756

Pijn, J.P.M. *see* van der Heyden, M.J. 90514

Pikalov, V.V. *see* Denisova, N.V. 98198

Pikalov, V.V. *see* Likhachev, A.V. 69522

Pike, A.W. *see* Ordys, A.W. 111799

Pike, G.E. *see* Aggarwal, S. 115461

Pike, G.E. *see* Warren, W.L. 84691

Pike, G.E. *see* Warren, W.L. 95284

Pike-Biegunski, M.J. Test method to measure wire/terminal crimp electrical resistance by using the kiloampere current pulses of microsecond duration 114403

Pikhtin, N.A. *see* Shcherbakov, A.S. 84964

Pikin, A.I., Morgan, C.A., Bell, E.W., Ratliff, L.P., Church, D.A., Gillaspy, J.D. A beam line for highly charged ions 90064

Pikna, M. *see* Dubecky, F. 110574

Pikulski, J.L. *see* Chang, G.K. 109662

Pikus, F.G. *see* Pikus, G.E. 105404

Pikus, G. Avoiding DSP performance problems up front 79274

Pikus, G.E., Pikus, F.G. Conduction band spin splitting and negative magnetoresistance in A_3B_5 heterostructures 105404

Pikus, G.Ya. *see* Kalinichenko, Yu.V. 105141

Pil Kong Jong *see* Jong Pil Kong

Pil-Gyu Im *see* Nung-Pyo Hong 103431

Pilant, D. Nearshore ice surface roughness surveys on Lake Superior 111260

Pilat, F. *see* Luccio, A. 100458

Pilat, Z. *see* Jablonski, P. 103057

Pilati, L. *see* Licciardi, L. 68011

Pilavachi, P.A. The role of the European Union in promoting energy efficiency in the paper industry 82033

Pilbratt, G. *see* Encrenaz, P.J. 68820

Pilch, M. *see* Kucewicz, W. 69803

Pilch, M.M. A two-cell equilibrium model for predicting direct containment heating 121295

Pilch, M.M. Hydrogen combustion during direct containment heating events 121297

Pilch, M.M. Continued enlargement of the initial failure site in the reactor pressure vessel 121298

Pilch, M.M., Allen, M.D. Closure of the direct containment heating issue for Zion 121294

Pilch, M.M., Yan, H., Theofanous, T.G. The probability of containment failure by direct containment heating in Zion 121293

Pileggi, L. *see* Tutaianu, B. 82895

Pileggi, L.T. *see* Dartu, F. 73261

Pileggi, L.T. *see* Dartu, F. 82892

Pileggi, L.T. *see* Gupta, R. 82899

Pileggi, L.T. *see* Gupta, R. 97216

Pileggi, L.T. *see* Krauter, B. 84557

Pileggi, L.T. *see* Pullela, S. 73505

Pileggi, L.T. *see* Xun Yang 115342

Pilevar, S. *see* Atia, W.A. 110403

Pilgram, T.K. *see* Fox, L.A. 80245

Pilgram, T.K. *see* Slone, R.M. 90326

Pilgrim, L.J. Monitoring surface shape variations on the human body [photogrammetry] 90336

Pilinskii, N.V. *see* Larkin, S.Yu. 79646

Pilipchouk, N.I. Performance of the adaptive quantizer 66728

Pilipenko, N. *see* Kalmykov, L. 110994

Pilipenko, Yu.K. *see* Balandikov, N.I. 120111

Pilipenko, Yu.K. *see* Ershov, V.P. 120113

Pilipenko, Yu.K. *see* Ershov, V.P. 120114

Pilipenko, Yu.K. *see* Ershov, V.P. 120115

Pilipetskii, A.N., Menyuk, C.R. Acoustic effect and correlated errors in soliton information transmission 85667

Pilipetskii, A.N., Mollenauer, L.F. Polarization properties of the acoustic effect and reduction of timing jitter in soliton transmission by the use of polarization coding 119241

Pilipetskii, A.N. *see* Arend, M.F. 75498

Pilipetskii, A.N. *see* Golovchenko, E.A. 85666

Pilipovich, V.A. *see* Zalessky, V.B. 80056

Pilipovich, V.A. *see* Zalessky, V.B. 100890

Piliszek, A. Alcatel 8620 roaming: how to test roaming in GSM cellular networks 109380

Pilkington, R. *see* Button, J. 99375

Pilkington, R.D. *see* Ahmed, E. 74515

Pilkington, R.D. *see* Yakushev, M.V. 74309

Pilkington, R.D. *see* Zegadi, A. 94453

Pilko, G. *see* Danyuk, D. 119505

Pilkuhn, M.H. Molecular electronics: new prospects for information technology 83647

Pilkuhn, M.H. *see* Adler, F. 114784

Pilkuhn, M.H. *see* Hofmann, R. 116467

Pill-Soo Kim, Yong Kim Thermal modeling of capacitor discharge impulse magnetizer 75291

Pillai, B. *see* Giakos, G.C. 80358

Pillai, C. *see* Szymanski, J.J. 110589

Pillai, D.A. *see* Bredeson, J.G. 67575

Pillai, E., Wiesbeck, W. Derivation of ultra-wideband full wave equivalent circuits for wirebond interconnects using the FDTD method 93899

Pillai, P.K.C. *see* Ravi, G. 75030

Pillai, P.K.C. *see* Tripathi, A. 116620

Pillai, P.K.C. *see* Vishnoi, G. 69224

Pillai, R.M.R., Garmire, E.M. Paraxial-misalignment insensitive external-cavity semiconductor-laser array emitting near-diffraction limited single-lobed beam 65354

Pillai, R.Radhakrishna *see* Radhakrishna Pillai, R.

Pillai, S.G.K. ISDN-international scene–I 67864

Pillai, S.G.K. ISDN–international scene. II 78110

Pillai, S.K. *see* Ba-Thunya, A.S. 112089

Pillai, S.K. *see* Muni, B.P. 81954

Pillai, S.K. *see* Muni, B.P. 81955

Pillai, S.K. *see* Muni, B.P. 112478

Pillai, S.K. *see* Muni, B.P. 121942

Pillai, S.K. *see* Walivadekar, V.N. 111934

Pillai, S.R., Antoniou, A. A robust representation of linear prediction coefficients 117423

Pillai, S.R., Antoniou, A. Application of wideband signals to airborne laser bathymetry 120692

Pillai, S.U., Hyun Seok Oh Extraction of resonant modes from scattered noisy data 97074

Pillai, S.U. *see* Won Cheol Lee 117319

Pillai, S.V. *see* Kal, S. 106183

Pillar, W. *see* Anson, S. 120934

Pillay, B., Newman, J. The influence of side reactions on the performance of electrochemical double-layer capacitors 73828

Pillay, P. Factors to consider in the application of energy efficient motors 71947

Pillay, P. *see* Akpinar, K. 91819

Piller, B. *see* Louvion, J.-R. 118584

Piller, F. *see* Gunther, H.O. 94107

Pilley, H.R., Pilley, L.V. Satisfying airport operational requirements using GNSS 70422

Pilley, L.V. *see* Pilley, H.R. 70422

Pilling, J. *see* Dahlfors, F. 80816

Pilling, J. *see* Schmuck, F. 121199

Pillone, D. *see* Ghoshal, J. 92456

Pilloton, R. *see* Rohm, I. 69333

Pillow, N. *see* Mundy, J. 117687

Pillsbury, R., Jr. *see* Deis, G. 106719

Pillsbury, R.D., Jr. *see* Pei-Wen Wang 106714

Pillsbury, R.D., Jr. *see* Zbasnik, J.P. 106715

Pilny, K.H. German telecommunications law–opportunities and challenges on the way towards full liberalisation 67635

Pilo, H., Lamphier, S., Towler, F., Hee, R. A 300 MHz, 3.3 V 1 Mb SRAM fabricated in a 0.5 μm CMOS process 73353

Pilon, M., Cohen, P. Occlusion detection and interpretation based on image reprojection 77437

Pilon, R. *see* Oliver, J. 91848

Piloni, M., Crema, S., Montauti, F. GaAs varactor power sources for MMW PCN transmitters 68161

Piltz, D. *see* Ayre, R.W. 78844

Pilu, M., Fisher, R.B. Recognition of geons by parametric deformable contour models 67226

Pilutti, T.E. *see* LeBlanc, D.J. 71863

Pilz, M. *see* Gusten, R. 68806

Pilz, M. *see* Mattes, H. 62267

Pilz, U. Automatic documentation of machine-measured vital parameters 69925

Pilz, U. Structure and basic functional mode of the FLORIDA expert system for intensive medicine 70182

Pimblett, W. *see* Piper, L.J. 60542

Pimenides, T., Manesis, S., Grammaticos, A., Papageorgakopoulos, K., Kanavos, P. SCOPCA: a symbolic computation program for circuit analysis 61535

Pimenov, S.F., Rudenko, M.A. Reflection of radiowaves from a multilayered medium with rough boundaries and inhomogeneities of the permittivity of the layers 85871

Pimenov, S.F., Rudenko, M.A. Strong scattering of radio waves by a two-layer medium with rough boundaries and inhomogeneous permittivity of the layer 107900

Pimenov, S.F., Stepanova, N.A. Reflection of radiofrequency waves by a two-layer medium with randomly rough boundaries 65834

Pimenov, S.M., Shafeev, G.A., Konov, V.I., Loubnin, E.N. Electroless metallization of diamond films 94830

Pimenta, M. *see* Alvsvaag, S.J. 90124

Pimentao, J.P. *see* Dias, A.E. 78205

Pimentel, J.C.G. *see* Caldas, R.P. 102292

Pimentel, J.C.G. *see* Caldas, R.P. 111686

Pin Ho *see* Chu, J. 100031

Pin Ho *see* Wang, Y.H. 69171

Pin Long *see* Daschner, W. 95807

Pin Su, Kane-Esrig, Y. Reliability of operations communications architectures: LANs vs. X.25 67753

Pin Yang *see* Yang Pin

Pin-Fan Chen, Johnson, R.A., Min-Chung Ho, Wu-Jing Ho, Sailer, A., Chang, M.F., Asbeck, P.M. Microwave and thermal characteristics of backside-connected flip-chip power heterojunction bipolar transistors 114260

Pin-I Pai *see* Karayiannis, N.B. 108144

Pina, L. *see* Rus, B. 116314

Pinar, M.A. *see* Marcellan, F. 72602

Pinard, J. *see* Jeannot, D. 62406

Pinardi, K., Jain, S.C., Maes, H.E., Atkinson, A. Substrate stresses in heterostructures 105267

Pinardi, K. *see* De Wolf, I. 115320

Pinardi, K. *see* Jain, S.C. 74368

Pinardi, K. *see* Jain, S.C. 83953

Pinardi, K. *see* Jain, S.C. 105376

Pinatel, C., Vuye, S., Konczykowska, A., Wang, H. High power efficiency AlGaAs-GaAs HBT for mobile communications 73721

Pinatel, C., Vuye, S., Riet, M., Dubon-Chevalier, C., Rojat, B., Lermoyer, A. Trade off analysis between power-added efficiency and linearity on HBT power amplifier 93819

Pinayev, I.V. *see* Vinokurov, N.A. 96552

Pinch, R.G.E. Online multiple secret sharing 76672

Pinchuk, G.A., Majorova, E.K., Berlizev, I.V. Multi-feed system for a variable profile antenna 68800

Pincik, E., Kocanda, J., Bartos, J., Nadazdy, V., Jergel, M. Anomaly in the growth rate of anodic oxide films due to the presence of a $(Sm+Sm_2O_3)$ overlayer at a GaAs surface 63289

Pinck, D. *see* Stewart, B.K. 109574

Pinck, D.S., Tong, L.H. Satellite-enhanced personal communications experiments 109408

Pinck, D.S. *see* Rice, M. 109587

Pinckney, G. SPC for SMT 60687

Pinckney, G.D. Low volume surface mount assembly: problems and solutions 94069

Pinczuk, A. *see* Lockwood, D.J. 62996

Pinczuk, A. *see* Plaut, A.S. 62987

Pinder, P. *see* van Rienen, U. 107699

Pindo, M. Correlated noise in pixel detectors with analogue readout 120168

Pindo, M. *see* Bonvicini, V. 69835

Pineda de Gyvez, J. *see* Chung, D.J. 66983

Pineda de Gyvez, J. *see* Grimaila, M.R. 114174

Pineda de Gyvez, J. *see* Jiming Yin 109993

Pineda de Gyvez, J. *see* Moreira-Tamayo, O. 108167

Pineda de Gyvez, J. *see* Somayajula, S.A.S. 115357

Pineda-Castillo, J. *see* Jaime-Rivas, R. 117644

Pineguin, A.L. *see* Ragozin, A.A. 71196

Pineiro, J.D. *see* Moreno, L. 101351

Pinelis, I. On the minimal number of even submatrices of 0-1 matrices 113063

Pinelli, A., Couzy, W., Deville, M.O., Benocci, C. An efficient iterative solution method for the Chebyshev collocation of advection-dominated transport problems 60962

Pinello, W., Gribbons, M., Cangellaris, A. A new numerical grid truncation scheme for the finite difference of Laplace's equation 65818

Pinette, B. *see* Ravela, S. 77324

Pinfold, J.L. *see* Gingrich, D.M. 100934
Ping, A.T., Khan, M.A., Adesida, I. Ohmic contacts to n-type GaN using Pd/Al metallization 74458
Ping, A.T., Schmitz, A.C., Khan, M.A., Adesida, I. Dry etching of GaN using chemically assisted ion beam etching with HCl and H_2/Cl_2 74569
Ping, A.T. *see* Schmitz, A.C. 105451
Ping, A.T. *see* Schmitz, A.C. 114805
Ping, K. *see* Khormaei, R. 89376
Ping Chan Hau *see* Hau Ping Chan
Ping Chen, Zhijian Li, Litian Liu BMHMT: device & model 94880
Ping Chen *see* Stroud, C. 61795
Ping Chen *see* Stroud, C. 104492
Ping Cheng Nai *see* Cheng Nai Ping
Ping Gong *see* Gong Ping
Ping Han *see* Shulin Gu 82759
Ping Han *see* Worrell, W.L. 81751
Ping Han *see* Xiaodong Huang 82669
Ping Han *see* Han Ping
Ping He, Kefu Xue, Qun Chen, Murka, P., Schall, S. A PC-based ultrasonic data acquisition system for computer-aided prosthetic socket design 80488
Ping Hu *see* Hu Ping
Ping Jiang *see* Jiang Ping
Ping Keung Kox *see* Yuhua Cheng 114142
Ping Lee Chien *see* Chien Ping Lee
Ping Li, Boles, T. A new technology for Si microwave power transistor manufacturing 84313
Ping Li *see* Li Ping
Ping Lin Xing *see* Xing Ping Lin
Ping Liu, Rappaport, C.M. A helical microwave antenna for welding plaque during balloon angioplasty 120498
Ping Liu *see* Chan, S.P. 94040
Ping Liu *see* Chenglu Lin 84022
Ping Lu *see* Lu Ping
Ping Mei *see* Yale Sun 89320
Ping Sun *see* Sun Ping
Ping Tang Yue *see* Yue Ping Tang
Ping Tsai Din *see* Din Ping Tsai
Ping Wah Wong Adaptive error diffusion and its application in multiresolution rendering 77405
Ping Wah Wong Mean matching halftoning on a rotated quad-tree structure 108541
Ping Wah Wong, Moayeri, N., Herley, C. Optimum pre- and post-filters for robust scalar quantization 86226
Ping Wang, Hower, N., O'Shea, P.G. RF phasing of the Duke linac 89596
Ping Wang, Lee, F., Chan, K.M., Goodner, R., Ceton, R. Yield enhancement in a high-volume 8-in. wafer fab 82304
Ping Wang, Morcombe, P., Ying Wu, Kurkin, G. RF system for the Duke 1 GeV storage ring 100697
Ping Wang Bao *see* Bao Ping Wang
Ping Wang Yi *see* Wang Yi Ping
Ping Wu, Kazys, R., Stepinski, T. Calculation of transient fields in immersed solids radiated by linear focusing arrays 111386
Ping Xie, Jian-Hua Dai, Peng-Ye Wang, Hong-Jun Zhang Numerical studies of externally pumped phase conjugation in photorefractive crystals with applied electric fields 107603
Ping Xie, Jian-Lao Wu, Jian-Hua Dai, Peng-Ye Wang, Hong-Jun Zhang Observation of transverse spatial modulation in probe-pump configurations in $BaTiO_3$:Ce 65536
Ping Xie *see* Gosnell, T.R. 65098
Ping Yang *see* Grandhi, S.A. 118953
Ping Yang *see* Yixin Zhu 118045
Ping Yu *see* Sze Keung Lor 76122
Ping Yuan *see* Yuan Ping
Ping Zhang Visualizing production planning data 103400
Ping Zhang *see* Bi Qi Long 118027
Ping Zhang *see* Zhang Ping
Ping Zhao An *see* An Ping Zhao
Ping Zhou Beam profile data analysis for the RHIC injection line 100564
Ping Zhou, Shanjia Xu Equivalent network analysis of MIC transmission lines in the spectral domain 73789
Ping-Chung Li, Hajj, I.N. Computer-aided redesign of VLSI circuits for hot-carrier reliability 73179
Ping-Chung Li, Young, T.K. Electromigration: the time bomb in deep-submicron ICs 104300
Ping-Hsing Lu, Chung-Yu Wu, Ming-Kai Tsai Design techniques for VHF/UHF high-Q tunable bandpass filters using simple CMOS inverter-based transresistance amplifiers 62014
Ping-Hue Huang, Chih-Pao Lin Experience with excessive quadrant power tilts during Maanshan Unit 2 cycle 8 startup 102396
Ping-Lin Fan *see* Ching-Ting Lee 116082
Ping-Sing Tsai *see* Ruo Zhang 67024
Ping-Way Lin *see* Win-Pin Chang 64971
Ping-Wei Wang, Tzu-Kun Ku, Huan-Ping Su, Hong, G., Huang-Chung Cheng Excellent emission characteristics of tunneling oxides formed using ultrathin silicon films for flash memory devices 84031
Ping-Ya Ko, Enge, P., Powell, J.D. Continuity improvements via inertial augmentation of GPS-based landing system 80582
Pingfan Xiong *see* Xiong Pingfan
Pinghua Yang *see* Yang Pinghua
Pinghui Li *see* Li Pinghui
Pingjun Guo, Gardner, R.P. The Monte Carlo Multiply Scattered Components (MCMSC) approach for natural gamma-ray log interpretation 90741
Pingkun Teng *see* Teng Pingkun
Pingshan Wang *see* Wang Pingshan
Pingsheng Tang *see* Zhixing Yang 119205
Pingwen Zhang *see* Zhang Pingwen
Pingxi Ma, Lichun Zhang, Yangyuan Wang Analytical model of collector current density and base transit time 84356
Pingyang Wang *see* Wang Pingyang
Pingyi Fan *see* Fan Pingyi
Pingzhong Du *see* Du Pingzhong
Pinhasi, Y., Gover, A. Transverse mode coupling and supermode establishment in a free-electron laser oscillator 96517
Pinhasi, Y., Yakover, I.M., Eichenbaum, A.L., Gover, A. Efficient electrostatic-accelerator free-electron masers for atmospheric power beaming 107029
Pinhasi, Y. *see* Abramovich, A. 96078
Pinhasi, Y. *see* Arensburg, A. 96443
Pinhasi, Y. *see* Yakover, I.M. 96523
Pinheiro, A.L.De Albuquerque *see* De Albuquerque Pinheiro, A.L.
Pinheiro, H., Joos, G., Khorasani, K. Neural network-based controller for voltage PWM rectifier 121701
Pinheiro, J.R., Hey, H.L. An active auxiliary commutation circuit for inverters 121590
Pinheiro, J.R., Vidor, D.L.R., Grundling, H.A. Dual output three-level boost power factor correction converter with unbalanced loads 121631
Pinheiro, P. *see* Binley, A. 101372
Pinho, A. *see* Iancu, D. 93046
Pinho, A.J. An example of tuned neural network based noise reduction filters for images 108615
Pinizzotto, R.F. *see* Libing Zhang 63283
Pink, S. *see* Degermark, M. 118589
Pinkerton, A. *see* Lo, K.L. 71135
Pinkerton, S.D. *see* Koga, R. 73390
Pinkerton, S.D. *see* Koga, R. 104556
Pinkola, J. *see* Gal, L. 72149
Pinkovska, M.B. *see* Litovchenko, P.G. 120559
Pinkston, T.M., Kumarasamy, S., Kuznia, C. Optical multi-channel network interface design based on hybrid CMOS-SEED VLSI integration 85176
Pinkston, T.M. *see* Raksapatcharawong, M. 85198
Pinna, G.D., Maestri, R., Mortara, A. Estimation of arterial blood pressure variability by spectral analysis: comparison between Finapres and invasive measurements 101074
Pinna, G.D., Maestri, R., Sanarico, M. Effects of record length selection on the accuracy of spectral estimates of heart rate variability: a simulation study 80402
Pinney, C.P. *see* McCrea, G. 103131
Pino, A.G. *see* Obelleiro, F. 97076
Pino, A.G. *see* Obelleiro, F. 116964
Pino, A.G. *see* Rodriguez, J.L. 76377
Pino, A.G. *see* Sierra, M. 117065
Pino, M.del *see* del Pino, M.
Pinola, L., Rotta, E., Testa, L., Varoli, V. Steady-state analysis of soft and hard-switched DC/DC converters 81564
Pinquier, A. *see* Gaumont, E. 96069
Pinquier, A. *see* Peyre, J.L. 94811
Pinquier, A. *see* Plais, A. 107318
Pinsard, A., Gourlain, P., Raguenet, G., Lacombe, J., Graham, R., Roederer, A. Ka-band six-reflector beam waveguide antenna for interorbital links 66035
Pinsard, B., Renaud, D., Diez, H. Improved thinning method for planar array antennas 66144
Pinsard, B. *see* Delepaux, F. 66077
Pinsard, J.L. *see* Derewonko, H. 73813
Pinsard, J.L. *see* Derewonko, H. 104875
Pinsard-Levenson, R. *see* Ledoux, I. 64595
Pinsker, M.S., Prelov, V.V. Optimal filtering of a Gaussian signal against a background of almost Gaussian noise 76940
Pinsker, R.I. *see* Harris, T.E. 112076
Pinsky, L. *see* Szymanski, J.J. 110589
Pinsky, L.S. *see* Chen, Y.K. 69865
Pinsukanjana, P., Jackson, A., Tofte, J., Maranowski, K., Campbell, S., English, J., Chalmers, S., Coldren, L., Gossard, A. Real-time simultaneous optical-based flux monitoring of Al, Ga, and In using atomic absorption for molecular beam epitaxy 82673
Pintchovski, F. *see* Kawasaki, H. 63477
Pintchovski, F. *see* Kawasaki, H. 115005
Pintelon, R., Schoukens, J. An improved sine-wave fitting procedure for characterizing data acquisition channels 68995
Pintelon, R., Schoukens, J. Frequency domain identification of linear time invariant systems under non-standard conditions 110061
Pintelon, R. *see* Ganji, A.A. 121497
Pintelon, R. *see* Guillaume, P. 69017
Pintelon, R. *see* Guillaume, P. 103731
Pintelon, R. *see* Peirlinckx, L. 82805
Pintelon, R. *see* Schoukens, J. 119567
Pintelon, R. *see* Vandersteen, G. 63560
Pintelon, R. *see* Vuerinckx, R. 108319
Pinter, I. *see* Khanh, N.Q. 94707
Pinter, R.B. *see* Tonkin, S.P. 77247
Pintilie, I. *see* Pintilie, L. 63187
Pintilie, I. *see* Pintilie, L. 105238
Pintilie, L., Alexe, M., Pintilie, I., Botila, T. Photovoltaic effect in PbS/$PbTiO_3$/Si heterostructures 105238
Pintilie, L., Botiia, T., Pentia, E., Petre, D., Pintilie, I. Field effect in PbS-SiO_2-Si heterostructures 63187
Pinto, A. *see* Lombardo, S. 105920
Pinto, A. *see* Sousa Pereira, A. 110821
Pinto, H.J.C.P. *see* Martins, N. 91092
Pinto, H.L.C.P. *see* Pinto, R.G.C.P. 97598
Pinto, J.A.C., Pereira, A.A., Farias, V.J., de Freitas, L.C., Vieira, J.B., Jr. A new boost converter using a nondissipative snubber 121600
Pinto, J.A.Dias *see* Dias Pinto, J.A.
Pinto, J.F., Esterowitz, L. Cr:LiSAF laser utilizing unstable resonator geometry 65138
Pinto, J.F. *see* Malin, J.I. 96405
Pinto, L.M.V.G. *see* Tome Saraiva, J. 70640
Pinto, M.A. *see* Bjerrum-Niese, C. 68534
Pinto, M.R. *see* Mastrapasqua, M. 104512
Pinto, M.R. *see* Vuong, H.-H. 74540
Pinto, N., Murri, R., Trojani, L., Majni, G., Mengucci, P., Lucchetti, L. Growth of $Si_{1-x}Ge_x$ alloys by MBE 61263
Pinto, N. *see* Barucca, G. 113328
Pinto, R.G.C.P., Pinto, H.L.C.P., Caloba, L.P. Using neural networks for automatic speaker recognition: a practical approach 97598
Pinto, S.Ferreira *see* Ferreira Pinto, S.
Pinto de Sa, J., Afonso, J., Rodrigues, R. A probabilistic approach to setting distance relays in transmission networks 121227
Pinto de Sa, J.L., Flores, P. Efficient implementation of Kalman filter based impedance relays 102258
Pinto-Robledo, V.J., Hall, T.A. Chronocyclic description of laser pulse compression 65412
Pintus, N. *see* Ciucci, A. 111302
Pinty, B. *see* Verstraete, M.M. 111341
Pinxing Lin *see* Lin Pinxing
Pinz, A. *see* Kopp-Borotschnig, H. 117695
Pinzani, R. *see* Barcucci, E. 72484
Pinzari, F. *see* Ascarelli, P. 72919
Pinzari, F. *see* Cappelli, E. 72916
Pinzari, F. *see* Salvatori, S. 85279
Pinzari, F. *see* Salvatori, S. 114690
Pio, F. Sheet resistance and layout effects in accelerated tests for dielectric reliability evaluation 110327
Pio, F. *see* Bottini, R. 61913
Pio, F. *see* Bouvet, D. 63170
Pio, F. *see* Bouvet, D. 63291
Pio, F. *see* Vincent, E. 63290
Pio, F. *see* Vincent, E. 64033
Pio, F. *see* Vincent, E. 74585
Piorek, T. *see* Cain, N. 74380
Pioro, B. *see* Strickland, D. 111056
Pioro, M., Gajowniczek, P. Stochastic allocation of virtual paths to ATM links 117996
Piosczyk, B., Iatrou, C.T., Dammertz, G., Thumm, M. Single-stage depressed collectors for gyrotrons 105037
Piosczyk, B. *see* Dammertz, G. 105036
Piotrowska, A. *see* Jaroszynski, J. 105421
Piotrowski, C.C., Farber, M.S., Hemple, S.J., Helliwell, W.S. An analysis of advantages and disadvantages of scene registration as part of space-time processing 108551
Piotter, V. *see* Ruprecht, R. 74908
Piovaccari, A. *see* Graffi, S. 95198
Piovan, E. *see* Foroni, R. 110670
Piovan, R. *see* Benfatto, I. 112060
Piovan, R. *see* Collarin, P. 107762
Piovan, R. *see* Gaio, E. 102885
Piovano, B. *see* Angelucci, A. 66038
Piovano, B. *see* Angelucci, A. 76667
Piovella, N., Chaix, P., Shvets, G., Jaroszynski, D. Theory of short pulse FEL oscillators 96500
Piovesan, B. X-SYN: top-down design with X-BLOX 61807
Pipard, P. *see* Coello-Vera, A. 114487
Pipe, J.G. Analysis of localized quadratic encoding and reconstruction 101227
Piper, E. *see* Mulkens, J. 84276
Piper, F. Basic principles of cryptography 76721
Piper, F., Wild, P. The use of combinatorics in key management 86045
Piper, J.A. *see* Brown, D.J.W. 116378
Piper, J.A. *see* Hentschel, R.M. 65026
Piper, J.A. *see* Illy, E.K. 106252
Piper, J.A. *see* Jackson, S.D. 75882
Piper, J.A. *see* Withford, M.J. 96099
Piper, L.J., Pimblett, W. A systems approach to manufacturing systems design 60542
Pipersky, P. *see* Hoyer, E. 100455
Pipersky, P. *see* Humphries, D. 100456
Pipersky, P. *see* Marks, S. 100441
Pipilos, S., Tsividis, Y., Fenk, J. 1.8 GHz tunable filter in Si technology 114074
Pipilos, S., Tsividis, Y.P., Fenk, J., Papananos, Y. A Si 1.8 GHz RLC filter with tunable center frequency and quality factor 114070
Piplits, K. *see* Herzog, S. 84097
Pippan, M. *see* Oswald, J. 105402
Pippenger, N. *see* Evans, W. 92462
Pippenger, N. *see* Geng Lin 98507
Pippi, I. *see* Barducci, A. 70454
Piprek, J., Babic, D.I., Bowers, J.E. Numerical analysis of 1.54 μm double-fused vertical-cavity

lasers operating continuous-wave up to 33°C 65211
Piprek, J., Babic, D.I., Bowers, J.E. Modeling and optimization of 1.54 μm double-fused VCSELs for cw operation above room temperature 96335
Piprek, J. *see* Babic, D.I. 107274
Pique, A., Mathur, M., Moses, J., Mathews, S.A. Growth of epitaxial SrS:Eu,Sm films by pulsed laser deposition 82631
Piqueras, J. *see* Castaldini, A. 114648
Piqueras, J. *see* Cervera, M. 62685
Piqueras, J. *see* Cremades, A. 74567
Piqueras, J. *see* Eichelberg, M. 109202
Piqueras, J. *see* Holgado, S. 104149
Piqueras, J. *see* Panin, G. 105655
Piquero, G., Mejias, P.M., Martinez-Herrero, R. Propagation of laser beam parameters through pure phase transmittances 96590
Piquero, G. *see* Serna, J. 85572
Piquette, J.C., Forsythe, S.E. Transducer transient suppression: generalized methods of analysis 120920
Piquin, P. *see* Deforges, O. 86603
Pirani, S. *see* Basile, G. 70384
Pirani, S. *see* Basile, G. 111059
Pirani, S. *see* Collamati, L. 121495
Pirani, S. *see* Filippetti, F. 71305
Pirani, S. *see* Filippetti, F. 102710
Pirani, S. *see* Franceschini, G. 91529
Piras, A. *see* Czernichow, T. 91069
Piredda, G. *see* Di Capua, E. 110598
Pires, F.A. de C. *see* De Oliveira, L.C.O. 102777
Pires, J.J.O. Impact of the phase noise generated from semiconductor optical amplifiers on the size of optical space switches 88044
Pires, V. *see* Sousa Pereira, A. 110821
Pires, V.Fernao *see* Fernao Pires, V.
Pires de Azevedo, G., Sieckenius de Souza, C., Feijo, B. Enhancing the human-computer interface of power system applications 70711
Pirich, A.R. *see* Parker, M.A. 110360
Pirinoli, P., Zich, R. Analysis of biisotropic radiating structures 107942
Pirinoli, P. *see* Vecchi, G. 65987
Pirinoli, P. *see* Vecchi, G. 66004
Pirinoli, P. *see* Vecchi, G. 97345
Pirinoli, P. *see* Vecchi, G. 108006
Pirinoli, P. *see* Vecchi, G. 117078
Pirinoli, P. *see* Zich, R.E. 65985
Pirio, F. *see* Aubin, G. 99581
Piriou, F. *see* Boualem, B. 65736
Piriyakumar, D.A.L., Murthy, C.S.R. Optimal scheduling of parallel tasks of tracking problem onto multiprocessors 66617
Pirkl, M. *see* Brokmeier, A. 79005
Pirkl, W. RF systems for linacs 69619
Pirkl, W. *see* Rose, J. 100506
Pirkl, W. *see* Rose, J. 100673
Pirkle, B.H. *see* Klemmer, T.J. 115639
Pirkul, H. *see* Amiri, A. 87511
Pirkul, H. *see* Rolland, E. 82449
Pirlot, M., Vidal, R.V.V. Simulated annealing: a tutorial 82436
Pirmez, L., Carneiro, F.C., Pedroza, A.C.P., de Mesquita, A.C. A methodology to develop integrated circuits from Estelle specifications 74802
Pirmez, L., Pedroza, A., Rahmouni, M., Mesquita, A., Kission, P., Jerraya, A.A. Analysis of different protocol description styles in VHDL for high-level synthesis 113827
Piro, R.A. *see* Bednar, T.R. 113817
Pirogov, A.N., Voronin, V.I., Kudrevatykh, N.V., Zinin, A.V. Anisotropy of the magnetization of iron ions in $Er_2Fe_{17}N_x$ 106505
Pirogov, Y.A., Gladun, V.V., Gruzdev, V.V., Fominova, E.E., Tishchenko, D.A., Wang Shan Oscillators and photo-control attenuators for millimeter wave radiometers 69482
Pirogov, Y.A., Gladun, V.V., Gruzdev, V.V., Fominova, E.E., Tishchenko, D.A., Wang Shan Oscillators and photo-control attenuators for millimeter wave radiometers 73718
Pirogov, Y.A., Strelkov, G.M. Millimeter wave satellite tomography of Earth's ozone layer 80621
Pirogov, Yu.A., Antoshechkin, A.V., Gladun, V.V., Dubina, A.I., Tishchenko, D.A. Scanning antenna array computer-controlled millimeter wave radiometer 80682
Pirola, M., Root, D.E., Ghionet, G. Large-signal performance of measurement-based diode models for nonlinear circuit simulation: a comparison 114265
Pirola, M. *see* Bonani, F. 93926
Pirollo, D. *see* Burrascano, P. 117672
Pirot, J. *see* Bury, R. 109195
Pirouz, P. *see* Chien, F.R. 61219
Pirouz, P. *see* Fleischman, A.J. 104037
Pirouz, P. *see* Heera, V. 105587
Pirouz, P. *see* Jacob, C. 104050
Pirouz, P. *see* Powell, J.A. 103976
Pirouz, P. *see* Stemmer, S. 103841
Pirouz, P. *see* Wu, C.H. 103979
Pirovano, R. *see* Kroes, F. 100476
Pirri, C. *see* Roge, T.P. 82623
Pirri, C.F. *see* Demichelis, F. 92912
Pirri, C.F. *see* Demichelis, F. 92931
Pirri, C.F. *see* Fathallah, M. 94405
Pirri, C.F. *see* Giorgis, F. 92841
Pirri, C.F. *see* Rava, P. 113490
Pirrone, R. *see* Ardizzone, E. 117867
Pirs, J., Blinc, R., Marin, B., Pirs, S., Doane, J.W. Polymer network volume stabilized ferroelectric liquid crystal displays 75612
Pirs, S. *see* Pirs, J. 75612
Pirsch, P., Gehrke, W. VLSI architectures for video compression 87227
Pirsch, P. *see* Schwiegershausen, M. 113870
Pirvu, V. *see* Oprea, I. 91274
Pirza, T. *see* Gelikonov, V. 120408
Pisa, S. *see* Bernardi, P. 110955
Pisani, U., Ferrero, A. A unified calibration algorithm for scattering and load pull measurement 119851
Pisano, A.P. *see* Daneman, M.J. 106256
Pisarchik, A.N. *see* Corbalan, R. 107122
Pisarek, J.T. Displacement field gradient measurement using the speckle photography method 79699
Pisarenok, G. *see* Danik, Y. 87152
Pisarev, A.L., Portnoi, Yu.T. Electric drives with an asynchronous motor whose power supply is from a single-phase grid through a thyristor commutator 103078
Piscani, E. *see* Dubey, M. 83817
Piscani, E. *see* Dubey, M. 96057
Piscani, E.C. *see* West, L.C. 85077
Piscani, E.C. *see* West, L.C. 95818
Piscani, E.C. *see* West, L.C. 96056
Pischalnikov, Y. *see* Baumbaugh, B. 80030
Pischalnikov, Y. *see* Carabello, S. 100850
Pischalnikov, Y. *see* Chung, M. 80031
Pischalnikov, Yu. *see* Carabello, S. 80040
Piscureanu, M.C. *see* Dumitru, M.A. 75402
Pisello, T. Cost-proofing the enterprise network 77862
Pisent, A. *see* Burov, V. 79827
Pisharody, M., Barnes, P., Chojnacki, E., Durand, R., Hays, T., Kaplan, R., Kirchgessner, J., Reilly, J., Padamsee, H., Sears, J. High power window tests on a 500 MHz planar waveguide window for the CESR upgrade 100658
Pisharody, M. *see* Belomestnykh, S. 89896
Pisharody, M. *see* Billing, M. 90005
Pisharody, M. *see* Hartung, W. 90028
Pisharody, M. *see* Padamsee, H. 100471
Pisharody, M. *see* Rogers, J.T. 100525
Piskarev, I. *see* Alimov, A. 89772
Piskarev, S.P. *see* Kodanev, V.P. 99603
Piskarskas, A. *see* Danielius, R. 96648
Piskarskas, A. *see* Danielius, R. 107564
Piskenov, F.S. *see* Anishchik, V.M. 113409
Piskorski, M. *see* Katcki, J. 113377
Piskunov, N.M. *see* Anischenko, N.G. 120106
Piskunov, S.V. A multilayered universal cellular structure and its electrooptical implementation 106894
Pis'mennyi, V.A. *see* Nikitichev, A.A. 107171
Pisniy, V.M. *see* Shembel, E.M. 112235
Pissaloux, E. *see* You, J. 66977
Pissaloux, E. *see* You, J. 87096
Pissinou, N. *see* Wei Liu 108849
Pissinou, N. *see* Xiaohua Jia 109290
Pistella, F. *see* Arabia, M. 80479
Pister, K.S.J. *see* Chu, P.B. 84632
Pister, K.S.J. *see* Eyre, B. 79367
Pister, K.S.J. *see* Kruglick, E.J.J. 74979
Pister, K.S.J. *see* Lin, G. 79573
Pister, K.S.J. *see* Lin, G. 80188
Pister, K.S.J. *see* Lo, N.R. 74990
Pister, K.S.J. *see* Nelson, P.R. 74904
Pister, K.S.J. *see* Warneke, B. 74984
Pister, K.S.J. *see* Yeh, R. 74980
Pistikopoulos, E.N. *see* Papalexandri, K.P. 71146
Pistol, M.-E., Castrillo, P., Hessman, D., Anand, S., Carlsson, N., Seifert, W., Samuelson, L. Bandfilling in InP dots: single dot spectroscopy and carrier dynamics 63027
Pistol, M.-E. *see* Anand, S. 94329
Pistol, M.-E. *see* Hessman, D. 94497
Pistol, M.-E. *see* Miller, M.S. 113298
Pistol, M.-E. *see* Seifert, W. 105375
Pisu Jiang, O'Donnell, A.C. $LiNbO_3$ Mach-Zehnder modulators with fixed negative chirp 106864
Pisupati, C., Wolff, L., Mitzner, W., Zerhouni, E. Tracking 3-D pulmonary tree structures 110717
Pita Leira, P. *see* Danilov, V.V. 120582
Pitacco, G. *see* De Giorgi, M. 120221
Pitanguy, I., Leta, F., Pamplona, D., Weber, H.I. Defining and measuring aging parameters 108465
Pitarresi, J.M. *see* Iannuzzelli, R.J. 82179
Pitas, I., Karasaridis, A. Multichannel transforms for signal/image processing 108701
Pitas, I., Kotropoulos, C., Nikolaidis, N., Yang, R., Gabbouj, M. Order statistics learning vector quantizer 77270
Pitas, I. *see* Angelopoulos, G. 97797
Pitas, I. *see* Cerutti, S. 110852
Pitas, I. *see* Chatzis, V. 117703
Pitas, I. *see* Coltuc, D. 117456
Pitas, I. *see* Kofidis, E. 117674
Pitas, I. *see* Nikolaidis, N. 117586
Pitas, I. *see* Pappas, M. 117418
Pitas, I. *see* Sobottka, K. 117899
Pitaval, M. *see* Bearzi, E. 94369
Pitaval, M. *see* Drouot, V. 106056
Pitaval, M. *see* Meva'a, C. 94371
Pitaval, M. *see* Sacilotti, M. 94476
Pitcher, G.K. Solid lithium hydride as a hydrogen source for fuel cells 91898
Pitcher, R. *see* Wood, D. 79726
Pitchford, L.C. *see* Garrigues, L. 120636
Pitchford, L.C. *see* Punset, C. 105084
Pitcho, F. *see* Yamanaka, N. 77705
Pitel, A. *see* Artigaud, S. 88597
Pitel, A. *see* Artigaud, S. 88650
Pitel, F., Hamaide, J.-P., Biotteau, B., Desurvire, E., Hebert, J.-P., Lesterlin, D. Experimental assessment of wavelength margin in 20 Gbit/s WDM soliton system over 18 Mm distance 119180
Pitel, F. *see* Brun-Maunand, E. 68500
Pitel, I.J. *see* Choi, S. 111473
Pitel, I.J. *see* Enjeti, P.N. 102790
Piters, T.M. *see* Castaneda, B. 106942
Pitkanen, M.E. *see* Beeler, C.J. 90795
Pitkin, M. *see* Quesada, P.M. 80489
Pitner, G., Flake, R.H., Wong, A. Characterization of microstrip interconnects by transient thermal pulses 82243
Pitner, P. *see* Durbec, V. 82819
Piton, G. *see* Dauguet, S. 93929
Piton, G. *see* Magnin, F. 66133
Pitot, P. *see* Sicard, D. 110957
Pitoura, E., Bhargava, B. Building information systems for mobile environments 68094
Pitrone, A., Pitrone, N. On-line control of hybrid power plant 101914
Pitrone, A. *see* Grasso, R. 102057
Pitrone, N. *see* Baglio, S. 93627
Pitrone, N. *see* Baglio, S. 110025
Pitrone, N. *see* Baglio, S. 119554
Pitrone, N. *see* Grasso, R. 102057
Pitrone, N. *see* Pitrone, A. 101914
Pitschke, W. *see* Buchgeister, M. 106660
Pitsillides, A., Ioannou, P., Tipper, D. Integrated control of connection admission, flow rate, and bandwidth for ATM based networks 87343
Pitsillides, A., Sekercioglu, Y.A., Ramamurthy, G. Fuzzy backward congestion notification (FBCN) congestion control in asynchronous transfer mode (ATM) networks 77603
Pitsillides, A. *see* Hongxu Chen 88040
Pitsillides, A. *see* Xiying Hu 77602
Pitt, C.W. *see* Chryssou, C.E. 85051
Pitt, C.W. *see* Trwoga, P.F. 106984
Pitt, K. Chemical constitution and conduction mechanisms in thick film resistors 73822
Pitt, K.E.G. *see* Hong Huang 94143
Pitt, M. *see* Shannon, J.M. 89258
Pitt, M.G. *see* Bijlsma, S.J. 89353
Pitt, M.G. *see* Bijlsma, S.J. 105518
Pitt Ford, T.R. *see* Oder, T.M. 90400
Pittard, C.L. *see* Brown, D.E. 77478
Pittet, A. *see* Srinivasan, B. 81425
Pittman, D.N., Lanier, N.C., LeFevre, V.C. Integration and testing of a low-cost land navigator for the army combined arms weapon system (TACAWS) 70613
Pittman, R. *see* Mott, E. 120368
Pittman, S. *see* Cruthirds, D. 82139
Pittman, S. *see* McDermott, B.T. 63615
Pitton, J.W., Kuansan Wang, Biing-Hwang Juang Time-frequency analysis and auditory modeling for automatic recognition of speech 108191
Pitts, B.J., Howes, R.H. Different drums: contrasts between scientific communication and journalism 92089
Pitts, G. How do we teach students to relate engineering principles to real applications? 60493
Pitts, G., Mizuki, C. A view of electronic products disposition 72369
Pitts, G. *see* Mizuki, C. 72224
Pitts, J.M. New for old: reusing ATM cell scale analysis at the burst scale 77583
Pitts, J.M. *see* Bocci, M. 77572
Pitts, J.M. *see* Fonseca, P. 77573
Pitts, J.R. *see* Tsuo, Y.S. 103001
Pitts, J.T. *see* Parks, H.R. 60942
Pitts, O.D. *see* Ching, S.K. 72312
Pitts, R.N. Gulf of Mexico Buoy Communication System 120649
Pittschellis, R. *see* Hesselbach, J. 104966
Pitzl, D. *see* Erdmann, W. 69864
Piu Ahn *see* Han-Seok Lee 97830
Piuri, V. *see* Alippi, C. 91336
Piuri, V. *see* Alippi, C. 110026
Piuri, V. *see* Antola, A. 113881
Piuri, V. *see* Demidenko, S. 61770
Piuri, V. *see* Pelagotti, A. 60981
Piuz, F. CsI-photocathode and RICH detector 69719
Piuz, F. *see* Di Mauro, A. 62558
Pivin, D. Choosing the right deep-submicron ASIC process for your system 73189
Pivinsky, E., Akulinichev, V., Gorbunov, V. Nd:YAG laser pulse compression by two-stage stimulated Brillouin and Raman scatterings 107184
Pivka, L. *see* Spany, V. 113893
Pivnyak, G., Zrazhevsky, Yu., Tchitaladze, G. Modeling of the conditions of the transport system network with the inductive power transmission at high frequency 103103
Pivovarov, Yu.L. *see* Nurushev, S.B. 119992
Piwko, R.J. *see* Hauer, J.F. 70835
Piwko, R.J. *see* Larsen, E.V. 91088
Piwowar, J.M., Peddle, D.R., LeDrew, E.F. Temporal mixture analysis of SMMR sea ice concentrations 111294
Piwowar, J.M. *see* Derksen, C.P. 111261

Piyaket, R., Cokgor, I., McCormick, F.B., Esener, S., Dvornikov, A.S., Rentzepis, P.M. Two-photon-induced photochromic reactions in spirobenzopyran-doped poly(methyl methacrylate) thin-film waveguides 95649
Piyaket, R. *see* Dvornikov, A.S. 84951
Pizano, J.E. Low voltage microprocessors, the inevitable future 61951
Pizer, S. *see* Aylward, S. 110714
Pizer, S. *see* Wilson, A. 117606
Pizer, S.M. *see* Bullitt, E. 90479
Pizer, S.M. *see* Furst, J.D. 110713
Pizhang Zhou *see* Zhou Pizhang
Pizlo, Z. *see* Hsu, J. 119805
Pizzi, R. *see* Canegalli, A. 119075
Pizzichetti, A. *see* Augelli, V. 62760
Pizzo, A.del *see* del Pizzo, A.
Pizzo, L. *see* Dall'Oglio, G. 109843
Pizzo, M.G. *see* Giacobbe, F.W. 62477
Pizzuto, C. *see* Krastev, V. 94327
Pizzuto, C. *see* Vitali, G. 94658
Pjatchanin, S.V. *see* Poplavko, Y.M. 114203
Plaats, J.C.van der *see* van der Plaats, J.C.
Placer, J., Sagahyroon, A., Massoumi, M. A framework for estimating maximum power dissipation in CMOS combinational circuits using genetic algorithms 61536
Plachkova, S.K. *see* Christakudi, T.A. 74310
Placidi, M. Beam energy measurements at LEP2 69658
Placidi, M. *see* Assmann, R. 79970
Placidi, M. *see* Zimmermann, F. 89651
Placke, T. *see* Diazzi, C. 122074
Placko, D. *see* Miller, D. 113010
Plagemann, B.H. *see* Graf, F.R. 76124
Plagemann, T., Gotti, A., Plattner, B. CoRA: A heuristic for protocol configuration and resource allocation 118132
Plahl, G. *see* Oehling, S. 74240
Plais, A., Salet, P., Starck, C., Pinquier, A., Derouin, E., Fortin, C., Fillion, T., Jacquet, J., Brillouet, F. Thermal behaviour of 1.3 μm vertical cavity surface emitting laser 107318
Plais, F. *see* Colalongo, L. 84406
Plais, F. *see* Corradetti, A. 84423
Plaisant, C. *see* Donn, K. 78021
Plaisant, G. *see* Herve, D. 70544
Plaisier, K.H. *see* Jaspers, B.C. 81777
Plakatouras, J.C. *see* McAleese, J. 113431
Plakhtyna, Y.G., Shakaryan, Y.G., Vinitskii, Y.D., Vasily, K.N., Lozinskii, A.S. Mathematical model of AC adjustable-frequency adjustable drive 71737
Plakman, M. *see* van de Lagemaat, J. 116256
Plaks, A., Chechurin, V. The method of the search for the shape and structure of magnetics to extremize the electromagnetic force 107715
Plaks, A. *see* Chechurin, V. 64187
Plaks, A.V., Shiraev, A.V. Mathematical modelling of thyristors in main power circuits of electric locomotives 112544
Plaksij, Yu.S. *see* Galkin, O.N. 107446
Plamondon, M. *see* Jutras, R. 81064
Plana, M. Equipment improvement programs for optimal equipment performance and cost of ownership 112857
Plana, R., Llopis, O., Verdier, J., Escotte, L., Parra, T., Gayral, M., Cappy, A., Graffeuil, J. Low-frequency noise behavior of InP-based HEMTs and its connection with phase noise of microwave oscillators 83408
Plana, R., Roux, J.P., Escotte, L., Graffeuil, J., Gruhle, A., Kibbel, H. Low-frequency noise properties of Si/SiGe heterojunction bipolar transistors 63604
Plana, R. *see* Andre, Ph. 62310
Plana, R. *see* Graffeuil, J. 62262
Plana, R. *see* Llopis, O. 62277
Plana, R. *see* Llopis, O. 93823
Plana, R. *see* Llopis, O. 114258
Plana, R. *see* Roux, J.P. 63598
Plana, R. *see* Verdier, J. 93815
Planat, M. Synchronization, topology and oscillators 113792
Planat, M., Lardet-Vieudrin, F., Martin, G., Santos, S.D., Marianneau, G. Frequency stability enhancement from carrier-envelope resonance in a surface acoustic wave delay line oscillator 95331
Planat, M. *see* Lardet-Vieudrin, F. 115463
Planchat, J.P. *see* Bodet, J.M. 112215
Plandowski, W. *see* Gasieniec, L. 97525
Planel, R. *see* Aaviksoo, J. 63075
Planel, R. *see* Bloch, J. 65308
Planel, R. *see* Chtourou, R. 62865
Planel, R. *see* Kochereshko, V.P. 105323
Planel, R. *see* Pepin, A. 74432
Planel, R. *see* Pepin, A. 83916
Planes, J.G. *see* Bruniquel, J. 111088
Planet, P. A cellular iterative and asynchronous motion algorithm 98065
Planken, P.C.M., van Son, P.C., Hovenier, J.N., Klaassen, T.O., Wenckebach, W.T., Murdin, B.N., Knippels, G.M.H. Far-infrared picosecond time-resolved measurement of the free-induction decay in GaAs:Si 62746
Plano, B. *see* Verdiell, J.-M. 68412
Plano, B. *see* Verdiell, J.M. 85477
Plano, R. *see* Abe, K. 69708
Plano, R. *see* Abe, K. 69726
Planson, D. *see* Lanois, F. 84127
Planson, D. *see* Lebedev, A.A. 105302
Plant, D.V., Robertson, B., Hinton, H.S., Ayliffe, M.H., Boisset, G.C., Goodwill, D.J., Kabal, D.N., Iyer, R., Liu, Y.S., Rolston, D.R., Robertson, W.M., Taghizadeh, M.R. A multistage CMOS-SEED optical backplane demonstration system 85326
Plant, D.V., Shang, A.Z., Otazo, M.R., Rolston, D.R., Robertson, B., Hinton, H.S. Design, modeling, and characterization of FET-SEED smart pixel transceiver arrays for optical backplanes 96050
Plant, D.V. *see* Boisset, G.C. 72309
Plant, D.V. *see* Hinton, H.S. 72304
Plant, W.J. *see* Weissman, D.E. 111233
Plant, W.J. *see* Weissman, D.E. 120741
Plant, W.J. *see* Zurk, L.M. 111270
Plante, A.J. *see* Wang, A. 79473
Plante, M. *see* Blondin, J.-P. 90624
Plantier, A. *see* Baccar, Z.M. 63236
Plantive, E., Salon, S., Chari, M.V.K., Richard, N. Advances in the axiperiodic magnetostatic analysis of generator end regions 121462
Plas, G.Van der *see* Van der Plas, G.
Plas, H.A.Vander *see* Vander Plas, H.A.
Plaschke, M., Czolk, R., Reichert, J., Ache, H.J. Stability improvement of optochemical sol-gel film sensors by immobilisation of dye-labeled dextrans 110267
Plashkin, E.I. *see* Salunin, N.I. 95424
Plasil, F. *see* Britton, C.L., Jr. 110617
Plaskkin, E.I. *see* Vedernikov, G.P. 95421
Plass, G. European heavy ion ICF driver development 79801
Plass, G. *see* Hofmann, I. 69647
Plass, W., Giesen, A. Stress- and defect damage of CO_2-laseroptics: time of damage analysis 107458
Plass, W. *see* Kennedy, M. 107094
Plass, W. *see* Ristau, D. 107433
Plasschaert, A.W.A. *see* Neve, J.J.L. 98636
Plassche, R.J.van de *see* van de Plassche, R.J.
Plassmann, D. *see* Horneffer, M. 88272
Plassmann, D. *see* Walke, B. 109401
Plastino, A., Plastino, A.R., Miller, H.G., Khanna, F.C. A lower bound for Fisher's information measure 117119
Plastino, A. *see* Diambra, L. 82371
Plastino, A.R. *see* Plastino, A. 117119
Plastria, F., Carrizosa, E. Geometrical characterization of weakly efficient points 82489
Plastun, A.T. *see* Pulnikov, A.A. 71261
Plat, X. *see* Bourquard, A. 95524
Plata, A.M., Ponce, M.A., Rios, M., de la Rosa, Castano, V.M. Degradation of ZnO based surge arresters under field conditions 111680
Plataniotis, K. *see* Lainiotis, D.G. 90809
Plataniotis, K.N., Androutsos, D., Venetsanopoulos, A.N. Adaptive multichannel filters for color image processing 86540
Plataniotis, K.N. *see* Vinayagamoorthy, S. 62038
Platas, J.H. Towards a new era of intelligent telecommunications systems 67640
Plate, D. *see* Hoyer, E. 100455
Plate, D. *see* Humphries, D. 100456
Plate, D. *see* Marks, S. 100441
Plate, S. *see* Greene, A. 90033
Plate, S. *see* Mulhall, S. 95576
Platero, G. *see* Inarrea, J. 62988
Plato, J.G. *see* Carlsten, B.E. 89710
Plato, R., Hamarik, U. On pseudo-optimal parameter choices and stopping rules for regularization methods in Banach spaces 82517
Platon, M., Popa, R. Separation method for the reversible and irreversible parts of the electromagnetic work 96905
Platonov, A.A., Jedrzejewski, K. Optimal filtering of nonstationary processes using smart sensors with adaptively controlled parameters 110064
Platonov, A.A. *see* Szabatin, J. 119537
Platonov, V.G. *see* Babintsev, V.V. 120185
Platonova, M.Yu. *see* Rutberg, F.G. 71279
Platov, K.Yu. *see* Basler, M. 115911
Platt, A. *see* Jordan, T.P. 77574
Platt, B.C., Clark, N. Novel adaptive optics (technique) without a guide star 79311
Platt, C.L., Dieny, B., Berkowitz, A.E. Spin-dependent tunneling in HfO_2 tunnel junctions 114843
Platt, C.L. *see* Beach, R.S. 64202
Platt, C.L. *see* Yi, J.Y. 64272
Platt, D., Geetha, S. Torque calculation of machines with permanent magnet materials 91422
Platt, D. *see* Addie, R.G. 87438
Platt, R. New standard helps multimedia get off the ground 78218
Platte, W. Best-case reflection analysis of low-loss excited plasma gratings 107998
Platteborze, R. *see* Vanhoenacker, D. 112771
Plattner, A. *see* Guttich, U. 88235
Plattner, B. *see* Plagemann, T. 118132
Platz, R. *see* Shah, A. 94411
Platz, W. *see* Kapser, K. 69175
Platzker, A. *see* Bouthillette, S. 83497
Platzker, A. *see* Cardullo, M. 83448
Platzker, A. *see* Cardullo, M. 83471
Platzker, A. *see* Nash, S.J. 84463
Platzker, A. *see* Nash, S.J. 93788
Plaut, A.S., Pinczuk, A., Dennis, B.S., Eisenstein, J.P., Pfeiffer, L.N., West, K.W. Light-scattering determination of electron tunneling gaps in double quantum wells 62987
Plaut, J.J. Summary of science results from spaceborne imaging radar (SIR-C/X-SAR) 90733
Playfer, S., Artuso, M., Efimov, A., Gao, M., Kopp, S., Mountain, R., Muheim, F., Stone, S. Prototype studies for the CLEO III RICH 69749
Playfer, S. *see* Kopp, S. 80078
Plaza, N.P. *see* Nussbaum, G.H. 69995
Plaza, P., Merayo, L.A., Diaz, J.C., Conesa, J.L. A 2.5 Gb/s ATM switch chip set 99026
Plazaola, F. *see* Brauer, G. 94452
Plazaola, L. Control centers' upgrade in Central America: a strategic planning process approach 101997
Plebani, S., Rosi, R., Zanetta, L. Life cycle costs comparison and sensitivity analysis for multimedia networks 67940
Plechac, P. *see* Janovsky, V. 82536
Pledger, M. Observable uncontrollable factors in parameter design 82153
Pleickhardt, J. *see* Mayer, C. 113672
Pleickhardt, J. *see* Sahm, H. 82894
Plein, M. *see* Graeme, A. 119376
Pleinert, H. *see* Lehmann, E. 110496
Plekhanov, A.V. *see* Galanin, M.P. 97006
Plekhanov, P.S. *see* Givargizov, E.I. 73940
Plekhanov, P.S. *see* Givargizov, E.I. 73968
Plekhanov, P.S. *see* Givargizov, E.I. 83702
Plekhanov, P.S. *see* Givargizov, E.I. 92664
Plekhanov, P.S. *see* Zhimov, V.V. 73972
Plekhanov, V.M. Engineering diagnostics of operational high-voltage cutouts 81598
Plemmons, R.J. *see* Nagy, J.G. 77402
Plemmons, R.J. *see* Ng, M.K. 97660
Plemnek, A., Sokolova, N. RUSLANet–a new generation library system project in Russia 98755
Plendl, H.S. *see* Igel, S. 120205
Plenet, J.C. *see* Othmani, A. 85673
Plenge, C., Hussmann, H. Handover algorithms for cellular communication systems using 60 GHz 99176
Plepys, A.P. *see* Schueller, R.D. 60648
Plepys, A.P. *see* Schueller, R.D. 92230
Pleshka, V.N. *see* Gagara, L.S. 84044
Plesko, E. *see* D'Auria, G. 79875
Plesko, M. The new synchrotron light sources–powerful tools for research and production 71895
Plesko, M. *see* Einfeld, D. 79865
Plesko, M. *see* Karantzoulis, E. 89942
Plesko, M. *see* Moser, H.O. 79772
Pless, V., Zhongqiang Qian Cyclic codes and quadratic residue codes over Z_4 66368
Pless, V. *see* Monroe, L. 66343
Pless, V.S., Zhongqiang Qian Cyclic codes and quadratic residue codes over Z_4 97563
Plessen, G.von *see* von Plessen, G.
Plessis, M.du *see* du Plessis, M.
Plessky, V.P., Kondratiev, S.N., Stierlin, R., Nyffeler, F. SAW tags: new ideas 106413
Plessky, V.P. *see* Hartmann, C.S. 106409
Plessky, V.P. *see* Kondratiev, S.N. 104660
Pletcher, D. *see* McMichael, I. 64627
Pletersek, A., Trontelj, J. Integrated temperature transducer 69555
Plett, C. *see* Tarr, N.G. 120553
Pletta, J.B., Caskey, D.L., Heermann, P.D. Performance assessment of automatic vehicle location (AVL) systems 71857
Plettner, A., Haberger, K., Englmaier, A., Hartmann, H. High speed interconnects on SOI substrates 84241
Pleumeekers, J. *see* de Matos, C. 75726
Pleumeekers, J.L., Mercier, T. Modelling of two-section transparent in-line detector structures, based on GaInAsP semiconductor laser amplifiers 88546
Pleumeekers, J.L., Mottet, S. Modelling of semi-insulating photorefractive quantum well devices 85107
Plevridis, S.E., Birbas, A.N., Dervenis, J. Hand held spectrometer with networking capability for use in chemical industry 69074
Plicht, J.van der *see* van der Plicht, J.
Plieninger, R. *see* Brendel, R. 81900
Plies, J.B., Brock, L.D., Salamone, P.P., White, B.E., Meyers, D.B. CNS/ATM avionics for a militarized commercial transport 70346
Plieth, W. *see* Bungs, M. 112234
Pligin, S.G., Tekshev, V.B. Estimating the quality of combined matching in microwave transistor amplifiers 73759
Plihal, M. *see* Gottwald, E. 119203
Plimmer, S.A., David, J.P.R., Herbert, D.C., Lee, T.-W., Rees, G.J., Houston, P.A., Grey, R., Robson, P.N., Higgs, A.W., Wight, D.R. Investigation of impact ionization in thin GaAs diodes 74689
Plimmer, S.A., David, J.P.R., Lee, T.W., Rees, G.J., Houston, P.A., Robson, P.N., Grey, R., Herbert, D.C., Higgs, A.W., Wight, D.R. Non-local effects on the multiplication characteristics of thin GaAs p-i-n and n-i-p diodes 63545
Plis, A.I. *see* Kolechetskii, E.S. 70948
Plis, Yu.A. The movable polarized target (status of the reconstruction) 120112
Plis, Yu.A. *see* Anischenko, N.G. 120106
Plis, Yu.A. *see* Borisov, N.S. 120104
Pliska, T. *see* Fluck, D. 64771
Plocek, J. Equipment for ultrasonic investigation in mines 101498
Ploeg, A.Van der *see* Van der Ploeg, A.
Ploetner, C., Markert, W. Equivalent circuits of power-inverter-transformers 91648

Plohinsky, Yu.V. *see* Belov, A.S. 120076
Plomerova, J., Sileny, J., Babuska, V. Joint interpretation of upper-mantle anisotropy based on teleseismic P-travel time delays and inversion of shear-wave splitting parameters 101514
Plomerova, J. *see* Sileny, J. 101513
Plompen, A.J.M., Munnik, F., Waetjen, U. Low current charge normalization with scintillators 100384
Plomteux, O. How to optimize laser meter performance 89533
Ploner, P.P. *see* Kuhner, D. 91973
Ploog, K. *see* Agullo-Rueda, F. 74366
Ploog, K. *see* Bellani, V. 62962
Ploog, K. *see* Bellani, V. 114608
Ploog, K. *see* Bott, K. 62940
Ploog, K. *see* Gravier, L. 63077
Ploog, K. *see* Haug, R.J. 62873
Ploog, K. *see* Herfort, J. 105250
Ploog, K. *see* Hey, R. 62752
Ploog, K. *see* Hui Yang 72775
Ploog, K. *see* Kastrup, J. 62969
Ploog, K. *see* Kuhl, J. 62867
Ploog, K. *see* Kwok, S.H. 63035
Ploog, K. *see* Langbein, W. 83950
Ploog, K.H. *see* Bertru, N. 114758
Ploog, K.H. *see* De Vries, D.K. 63266
Ploog, K.H. *see* Notzel, R. 113380
Ploog, K.H. *see* Yaohui Zhang 94522
Ploquin, D. *see* Balocco, D. 120633
Plorin, J., Peuser, P., Weber, H. Locking range analysis of two diode-pumped solid-state lasers coherently coupled by an internal Fourier-filter 107185
Ploss, R. *see* Pichler, P. 62669
Ploteau, J.P., Fouladgar, J., Auger, F., Chentouf, A., Develey, G. Numerical modeling of an induction plasma installation including the generator state space model 116823
Plotkin, E.I. *see* Agarwal, R. 114133
Plotkin, E.I. *see* Romero, J. 66780
Plotkin, N.T. *see* Ogier, R.G. 87341
Plotkin, S. *see* Afek, Y. 87683
Plotnichenko, V.G. *see* Stepanov, E.V. 69341
Plotnikov, A.E. *see* Budantsev, M.V. 62819
Plotnikov, A.E. *see* Budantsev, M.V. 62896
Plotnikov, A.E. *see* Budantsev, M.V. 105422
Plotnikov, M. Lattice quantization quadrature of multivariate communication signals 117406
Plotnikov, S. *see* Kushin, V. 79805
Plotnikov, S.A. *see* Davletshin, A.E. 88879
Plotnikov, S.V. Comparison of the methods of signal processing in triangulation measurement systems 66796
Plotnikov, S.V. *see* Bityutskii, O.I. 60685
Plotnikov, V.A. *see* Ikonnikov, V.K. 107085
Ploton, D. *see* Lucas, L. 67422
Plotts, A. *see* Liu, Y.S. 116287
Plotts, A. *see* Rowlette, J.R., Sr. 85078
Plotts, A.E. *see* Hahn, K.H. 119222
Plouchart, J.-O. *see* Sawdai, D. 93851
Plourde, F. *see* Doan, K.S. 80574
Plouviez, E. *see* Chung, Y. 100613
Plouviez, E. *see* Ropert, A. 79912
Plowman, R.J. Conducted EMC testing a review and introduction 76492
Pluckthun, M. *see* Dutz, H. 120108
Pluetzer, S. *see* Drescher, P. 105007
Pluetzer, S. *see* Hartmann, P. 120119
Pluim, J.P.W. *see* Nijhuis, J.A.G. 66962
Plum, M., Allen, J., Borden, M., Fitzgerald, D., Macek, R., Wang, T.S. Electron clearing in the Los Alamos Proton Storage Ring 89898
Plum, M., Brown, D., Browman, A., Macek, R. Ion-chamber beam-loss-monitor system for the Los Alamos Meson Physics Facility 100566
Plum, M. *see* Wang, T. 89991
Plumb, R. *see* Demarest, K. 99605
Plumb, R. *see* Huang, Z. 109762
Plumb, R.G. *see* Chaturvedi, P. 97040
Plumb, R.G. *see* Deb Chatterjee 66113
Plumb, R.G.S. *see* Gardiner, C.K. 116472
Plumb, R.G.S. *see* Kozlowski, D.A. 65190
Plumb, S. *see* Kozlowski, D.A. 65305
Plumbley, M.D. Information processing in negative feedback neural networks 77245
Plumbridge, W.J. Solders in electronics 60600
Plummer, D. *see* Hager, G.D. 107038
Plummer, D.L. *see* Grimaud, J. 101274
Plummer, J. *see* Herrera-Gomez, A. 74100
Plummer, J.D. *see* Chao, H.S. 74534
Plummer, J.D. *see* Chao, H.S. 114860
Plummer, J.D. *see* Kumar, M.V. 115304
Plummer, J.D. *see* Paul, K. 105994
Plumton, D. *see* Kollman, R. 61606
Plut, J.F. *see* Belavic, D. 62500
Pluygers, J. *see* Urbanus, W.H. 96085
Plyavenek, A.G. *see* Batovrin, V.K. 64966
Plys, M.G., Elicson, G.T., Cirauqui, C., Otero, M. Hydrogen mixing and deflagration/detonation potential in a large, dry containment 81282
Pniewski, R. Traction vehicle control using neural networks 112545
Po, L.-M. *see* Zhang, Y. 86704
Po, L.M. *see* Zhu, C. 108151
Po Lai-Man *see* Lai-Man Po
Po Wa Lee, Pollock, C. Shared switch converter topology for a two phase bipolar drive hybrid stepping motor 121930
Po-An Sung, Kwang-Cheng Chen A linear minimum mean square error multiuser receiver in Rayleigh fading channels 68062
Po-An Sung, Kwang-Cheng Chen A linear minimum mean square error multiuser receiver in Rayleigh-fading channels 118787
Po-Cheng Wu, Liang-Gee Chen, Tzi-Dar Chiueh Scalable implementation scheme for multirate FIR filters and its application in efficient design of sub-band filter banks 97902
Po-Cheng Wu *see* Hsu-Tung Chen 109162
Po-Cheng Wu *see* Yeong-Kang Lai 104582
Po-Chi Hu *see* Bambos, N. 98637
Po-Chiang Lu *see* Chung-Ming Kuo 87187
Po-Chiang Lu *see* Ji-Chyun Liu 119844
Po-Chiang Lu *see* Yi-Chang Cheng 61736
Po-Chien Lee *see* Jiin-Jyh Shyu 95268
Po-Chien Lu *see* Jia-Shing Liu 80484
Po-Ching Chen *see* Huey-Liang Hwang 61328
Po-Ching Liu *see* Liu Po-Ching
Po-Chiun Huang *see* Chorng-Kuang Wang 95213
Po-Chiun Huang *see* Tian-Tsair Su 68275
Po-Gyu Park, Cheol-Gi Kim, Byung-Chill Woo, Shifrin, V.Ya. Generation of uniform solenoid field for low magnetic field standard 85811
Po-Hou Sung, Shao-Ling Wu, Chen-Yang Lin Sol-gel process of non-linear optical silica films with organic chromophore as side chain 65506
Po-Hung Chen, Hong-Chan Chang Genetic aided scheduling of hydraulically coupled plants in hydro-thermal coordination 70798
Po-Hung Chen *see* Hong-Chan Chang 102437
Po-Ki Chen *see* Shen-Iiuan Liu 106249
Po-Rong Chang, Bor-Chin Wang Adaptive fuzzy power control for CDMA mobile radio systems 68105
Po-Rong Chang, Wen-Hao Yang Environment-adaptation mobile radio propagation prediction using radial basis function neural networks 68216
Po-Rong Chang *see* Bor-Chin Wang 118402
Po-Tai Cheng, Bhattacharya, S., Divan, D.M. Hybrid solutions for improving passive filter performance in high power applications 70658
Po-Tai Cheng, Bhattacharya, S., Divan, D.M. Line harmonics reduction in high power systems using square-wave inverters 120990
Po-Tao Chu, Ming-Chieh Yeh, Chih-Chien Hung, Ting-Huang Lin, Ying-Chen Chao Plasma etching process induced closed-loop metal pattern damage 105674
Po-Tsun Liu *see* Chien-Ching Chiu 120365
Poarch, S. *see* Stefani, J.A. 92909
Poate, G.M. *see* Benton, J.L. 63255
Poate, J.M. *see* Benton, J.L. 63235
Poate, J.M. *see* Benton, J.L. 114863
Poate, J.M. *see* Cheng, J.Y. 105547
Poate, J.M. *see* Gossman, H.-J. 63256
Poate, J.M. *see* Haynes, T.E. 105545
Poate, J.M. *see* Herner, S.B. 63110
Poate, J.M. *see* Mogi, T.K. 63004
Poate, J.M. *see* Mogi, T.K. 94538
Pobanz, C.W., Jenshan Lin, Itoh, T. Active integrated antennas for microwave wireless systems 88103
Poberezhskiy, E.S., Poberezhskiy, G.E. The effect of binary quantization of the reference oscillations on the noise immunity of digital demodulation of frequency-shift keyed signals 77054
Poberezhskiy, G.E. *see* Poberezhskiy, E.S. 77054
Poblete, J.P., Deckmann, S.M. Stability margin reduction due to synchronous machine saturation 102654
Poblotzki, J. *sec* Mauthe, G. 64161
Pocasov, P.V. *see* Bagayev, S.N. 96113
Pocchiola, Y. *see* Neve, J. 66031
Poch, N. *see* Perello, C. 109996
Pocha, J.J. An experimental verification of the stability theory for spinning fluid-filled spacecraft 101476
Pocha, M. *see* Combs, R. 72298
Pocha, M. *see* McGregor, D.S. 80153
Pocha, M. *see* McGregor, D.S. 92663
Pochernyaev, V.N. Uniformly bent partially filled rectangular waveguides 104782
Pochet, T., Ilie, A., Brambilla, A., Equer, B. Sensitivity measurements of thick amorphous-silicon p-i-n nuclear detectors 80071
Pochet, T. *see* Dubeau, J. 69849
Pochet, T. *see* Foulon, F. 80062
Pochet, T. *see* Foulon, F. 85252
Pochet, T. *see* Foulon, F. 101018
Pochet, T. *see* Jany, C. 82739
Pochi Yeh *see* Campbell, C. 84954
Pochi Yeh *see* Campbell, S. 64628
Pochi Yeh *see* Changxi Yang 106902
Pochi Yeh *see* Seung-Ho Shin 108438
Pochi Yeh *see* Shiuan Huei Lin 96705
Pochi Yeh *see* Weishu Wu 85221
Pochi Yeh *see* Xianmin Yi 84955
Pochi Yeh *see* Xianmin Yi 96656
Pocholle, J.-P. *see* Debuisschert, T. 96636
Pocholle, J.P. *see* Feugnet, G. 96194
Pochtennyi, A.E., Misevich, A.V., Sagaidak, D.I., Fedoruk, G.G. Hopping conduction in copper phthalocyanine and its polymer composites 105212
Pockl, M., Hebenstreit, M., Fertner, R., Neger, T., Aumayr, F. Recombination-pumped XUV lasing in capillary discharges and dynamic z-pinches 107076
Pocztowski, G. *see* Jarzabek, B. 105201
Podbielska, H. Computer-aided analysis of medical interferometric images 86364
Podcameni, A. *see* Mosso, M.M. 73763
Podcameni, A. *see* Mosso, M.M. 93194
Podd, F.J.W. *see* De Antonis, P. 80076
Podd, J.V. *see* Whittington, C.J. 70264
Podd, J.V. *see* Whittington, C.J. 120549
Poddar, D.R. *see* Dey, T.K. 76449
Poddar, G. *see* Chakrabarty, K. 71487
Poddenezhny, E.N. *see* Boiko, A.A. 106912
Poddubnykh, L.E. Multipurpose two-level automated control model of electrical supply quality 70693
Podebrad, O. *see* Krietenstein, B. 89661
Podell, A.F. *see* Nelson, B. 82964
Podesta, L., Veca, G. Virtual instrumentation for the management, simulation and control of an in house power plant 111537
Podgornov, F.V. *see* Podoshvedov, S.A. 116623
Podgorski, A. *see* Miekina, A. 109975
Podkovyrin, S.I. *see* Gvozdev, V.I. 83545
Podkovyrin, S.I. *see* Gvozdev, V.I. 107018
Podkovyrin, S.I. *see* Tchernyi, V.V. 65480
Podlaskin, B.G., Tokranova, N.A., Chekulaev, E.A., Chebotarev, K.E. Quantile and integral-moment descriptions of optical signals using integral-type photodetectors 67331
Podlaskin, B.G. *see* Veiko, V.P. 104103
Podlazov, V.S. *see* Allenov, A.V. 118455
Podlecki, J., Gouskov, L., Pascal, F., Pascal-Delannoy, F., Giani, A. Photodetection at 3.65 μm in the atmospheric window using $InAs_{0.91}Sb_{0.09}$/GaAs heteroepitaxy 79433
Podlivaev, A.I. *see* Elesin, V.F. 63566
Podlivaev, A.I. *see* Elesin, V.F. 63580
Podlogar, V., Jezernik, K. Induction machine stator currents control by neural network 102709
Podmar'kov, Yu.P., Frolov, M.P. Determination of the concentrations of oxygen and water vapour, and of the temperature of the active medium in a chemical oxygen-iodine laser by intracavity laser spectroscopy 85376
Podobedov, B. *see* Bane, K. 89979
Podoleanu, A. *see* Wacogne, B. 68465
Podoleanu, A.G. *see* Antipa, C. 80470
Podoleanu, A.Gh., Jackson, D.A. Comparative studies of an electronic clipped correlator and an optical fiber fixed delays correlator 87199
Podolny, E.A. *see* Melnikov, L.Ya. 70592
Podor, B. *see* Tiginyanu, I.M. 103908
Podosek, J.A. *see* Miller, L.M. 79361
Podoshvedov, S.A., Podgornov, F.V. Two-wave mixing in a medium with third-order nonlinearity. Normal modes, spatial instability, bifurcations 116623
Podoski, J. The 70-year hitch [underground railway project] 91891
Podsiadly, D. *see* Kacprzak, J. 112511
Podushnikova, K.A. *see* Gusev, V.K. 107815
Poduti, C. *see* Alesii, F. 95173
Podvigin, V. *see* Naumov, A. 110112
Podvigin, V.N. *see* Belopukhov, V.N. 110361
Podyachev, Yu.B. *see* Yakovlev, D.A. 89232
Pod'yapol'skii, Y.V. *see* Gritskevich, O.V. 85784
Podymova, N.B. *see* Karabutov, A.A. 104230
Poech, M.-H., Dittmer, K.J., Gabisch, D. Investigations on the damage mechanism of aluminium wire bonds used for high power applications 112912
Poechmueller, P. *see* Kirihata, T. 61897
Poechmueller, P. *see* Kirihata, T. 93380
Poechmueller, P. *see* Watanabe, Y. 61898
Poechmueller, P. *see* Watanabe, Y. 93381
Poehler, T.O. *see* Killian, J.G. 112290
Poel, C.J.Van den *see* Van den Poel, C.J.
Poel, C.J.van der *see* van der Poel, C.J.
Poelaert, A., Erd, C., Peacock, A., Rando, N., Verhoeve, P., Kozorezov, A.G., Wigmore, J.K. X-ray detection by superconducting tunnel junctions via phonon propagation in the substrate 69909
Poelker, M. *see* Jones, C.E. 110529
Poelman, A. *see* Noomen, J.G. 100546
Poels, J.P. *see* Maximus, B. 89304
Poenar, D. *see* French, P.J. 106258
Poenar, D.P., French, P.J., Wolffenbuttel, R.F. Active interference filters using silicon-compatible materials 64929
Poenar, D.P., French, P.J., Wolffenbuttel, R.F. Active interference filters using silicon-compatible materials 79431
Poeppel, R.B. *see* Balachandran, U. 91234
Poesch, P. *see* Meier, M. 75754
Poga, C., Lundquist, P.M., Lee, V., Shelby, R.M., Twieg, R.J., Burland, D.M. Polysiloxane-based photorefractive polymers for digital holographic data storage 95658
Poga, C. *see* Burland, D.M. 115995
Poga, C. *see* Lundquist, P.M. 75413
Poga, C. *see* Lundquist, P.M. 116785
Pogacnik, E. *see* Zelenika, D. 67896
Poganiuch, P. *see* Keller, H. 106515
Pogany, D. *see* Mounib, A. 105898
Pogarsky, S.A., Saprykin, I.I., Shaulov, E.A. p-i-n tuned hybrid device 73757
Pogarsky, S.A., Saprykin, I.I., Trufanov, B.D. Adjusted multichannel frequency diplexer 73655
Pogarsky, S.A. *see* Litvinenko, L.N. 76411
Pogatski, P., Kother, D., Kulke, R., Hopf, B., Sporkmann, T., Wolff, I. Coplanar hybrids based

on an enhanced inductor model for mixer applications up to mm-wave frequencies 62327
Pogatzki, P. *see* Kulke, R. 62328
Pogemiller, J.E. *see* Busta, H.H. 83755
Poggi, P. *see* Notton, G. 91398
Poggio, A.J., Zacharias, R.A., Pennock, S.T., Avalle, C.A., Carney, H. The NASA B-757 HIRF test series: low power on-the-ground tests 70389
Poggio, A.J. *see* Fuller, G.L. 70378
Poggio, L., Furger, M., Graber, W.K. A comparison of scintillation crosswind methods 111187
Poggio, T., Kah-Kay Sung Finding human faces with a gaussian mixture distribution-based face model 86858
Poggio, T. *see* Beymer, D. 98093
Poggio, T. *see* Crimson, W.E.L. 67469
Poggio, T. *see* Kah-Kay Sung 77305
Poggio, T. *see* Vetter, T. 67273
Poggiolini, P. *see* Cerisola, M. 88575
Poggiolini, P. *see* Chlamtac, I. 78735
Poggiolini, P. *see* Chung-Li Lu 88611
Pogliano, U., Bosco, G.C. Automatic calibration of precision and programmable AC measuring instruments at IEN 88931
Pogodalla, F. *see* Casaubieilh, F. 82866
Pogodalla, F. *see* Ramanadin, B. 73443
Pogorelov, V.I. Coherent scattering indicatrix for arbitrary medium inhomogeneities: the general mathematical solution and feasibility of a fast computer code 80630
Pogorelov, V.I. On the possibility of a unified approach to investigating the indicatrices of coherent wave scattering by different inhomogeneities of the medium 107848
Pogorelsky, I. *see* Wang, X.J. 89699
Pogorelsky, I. *see* Wang, X.J. 96485
Pogorelsky, I.V. *see* Bulanov, S.V. 79844
Pogorelyi, A.N. *see* Shipli', E.V. 64342
Pogosov, A.G. *see* Budantsev, M.V. 62819
Pogosov, A.G. *see* Budantsev, M.V. 62896
Pogosov, A.G. *see* Budantsev, M.V. 105422
Pogosov, G.A., Raitsin, A.M., Khaikin, N.S. Strategies for enhancing noise immunity in measurement of the average frequency of secondary Doppler signals 66765
Pogosyan, A.R. *see* Vartanyan, E.S. 92655
Pogrebnyak, V.A., Rarenko, I.M., Khalameida, D.D., Yakovenko, V.M. Details of the conduction mechanism in (CdHg)Te crystals at low temperatures in high magnetic fields 105140
Pogrebnyakov, A.V., Levinsen, M.T., Sheng, Y.-Q., Freltoft, T. Subharmonic gap structure in the characteristics of $YBa_2Cu_3O_{7-x}$ microbridges 75344
Pogrebnyakov, A.V., Levinsen, M.T., Sheng, Yu.K., Freltoft, T. Energy-gap subharmonics on characteristics of $YBa_2Cu_3O_{7-x}$ microbridges 95448
Pogue, R. *see* Chen, A. 78520
Poh, S. *see* Baz, A. 79380
Poh Lian Choong, deSilva, C.J.S. A comparison of maximum entropy estimation and multivariate logistic regression in the prediction of axillary lymph node metastasis in early breast cancer patients 110875
Pohl, A., Ostermayer, G., Hausleitner, C., Seifert, F., Reindl, L. Wavelet transform with a SAW convolver for sensor application 110046
Pohl, A., Posch, C., Seifert, F., Reindl, L. Wideband compressive receiver with SAW convolver 110041
Pohl, A., Seifert, F. Wirelessly interrogable SAW-sensors for vehicular applications 119652
Pohl, B. *see* Erhel, J. 72634
Pohl, M.D. *see* Nurmi, M.A. 109101
Pohl, P. The Hagen motorized tower measuring car with video system 122050
Pohl, U.W. *see* Hoffmann, A. 74210
Pohl, U.W. *see* Kubacki, F. 94486
Pohl, U.W. *see* Kuttler, M. 74375
Pohle, H. *see* Papp, A. 113043
Pohle, R. *see* Kovacs, M. 109805
Pohlman, S., Powell, K.A., Obuchowski, N.A., Chilcote, W.A., Grundfest-Bronlatowski, S. Quantitative classification of breast tumors in digitized mammograms 110728
Pohm, A.V., Beech, R.S., Daughton, J.M., Chen, E.Y., Durlam, M., Nordquist, K., Zhu, T., Tehrani, S. Experimental and analytical properties of 0.2-μm-wide, end-on, multilayer, giant magnetoresistance, read head sensors 75253
Pohm, A.V., Beech, R.S., Daughton, J.M., Everitt, B.A., Chen, E.Y., Durlam, M., Nordquist, K., Zhu, T., Tehrani, S. Experimental and analytical properties of 0.2 micron wide, multi-layer, GMR, memory elements 115875
Pohoryles, B., Morawski, A. Surface charge transfer in plastically deformed Si 62664
Pohost, G.M. *see* Hetherington, H.P. 101301
Pohst, M.E. Computational aspects of Kummer theory 103767
Pohst, M.E., Schornig, M. On integral basis reduction in global function fields 103537
Pohst, M.E. *see* Daberkow, M. 103656
Poignant, H. *see* Quetel, L. 78775
Poignant, P. *see* Andrieu, X. 112203
Poignet, A. DAB: application to travel information systems 99729
Poilleux, P. *see* Amiranoff, F. 89645
Poinsignon, J. *see* Abbes, M. 90145
Pointcheval, D., Stern, J. Security proofs for signature schemes 76838
Pointon, T.D., Desjarlais, M.P. Three-dimensional, particle-in-cell simulations of applied-B ion diodes on the particle beam fusion accelerator. II 110525
Pointon, T.D. *see* Bailey, J.E. 69615
Pointon, T.D. *see* Mehlhorn, T.A. 69637
Pointu, A.-M. *see* Udrea, M. 75598
Poirault, G. *see* Buisson, J. 105846
Poire, P., Ghannouchi, F.M. Immunity of six-port measurement techniques to the AM-PM noise of the microwave signal generator 119853
Poires Baptista, J.P.V. *see* Barbaliscia, F. 65839
Poirier, C. *see* Joly, P. 116992
Poirier, R.L. *see* Kuznetsov, M.I. 100652
Poirier, R.L. *see* Mitra, A.K. 100422
Poirot, P. *see* Barillot, C. 61689
Poirson, A.B., Maloney, L.T. A video-input device that displays high-luminance, high-resolution color images 101237
Poirson, C. *see* Wurtz, F. 64479
Poirson, J., Vallet, M., Jacob, D., Bretenaker, F., Le Floch, A. Weak intracavity anisotropy study by high accuracy Fabry-Perot cavities 76083
Poisson, F., Valiere, J.C., Coste, O. Directivity pattern measurement of moving acoustic sources 119957
Poisson, R. *see* Doan, K.S. 80574
Poisson, R. *see* Glenn, J. 62345
Poitras, D., Leroux, P., Klemberg-Sapieha, J.E., Gujrathi, S.C., Martinu, L. Characterization of homogeneous and inhomogeneous Si-based optical coatings deposited in dual-frequency plasma 113476
Poitzsch, M.E. *see* Monroe, C. 95896
Poivey, C., Notebaert, O., Garnier, P., Carriere, T., Beaucour, J., Steiger, B., Salle, J.M., Bezerra, F., Ecoffet, R., Cadot, B., Calvet, M.-C., Simon, P. Proton SEU test of MC68020, MC68882, TMS320C25 on the ARIANE5 launcher On Board Computer (OBC) and Inertial Reference System (SRI) 73462
Poivey, C., Notebaert, O., Garnier, P., Carriere, T., Beaucour, J., Steiger, B., Salle, J.M., Bezerra, F., Ecoffet, R., Cadot, B., Calvet, M.-C., Simon, P. Proton SEU test of MC68020, MC68882, TMS320C25 on the ARIANE 5 launcher on board computer (OBC) and inertial reference system (SRI) 104598
Poivey, C. *see* Calvet, M.C. 111048
Poivey, C. *see* Doucin, B. 105848
Poizat, J.-Ph. *see* Marin, F. 96321
Pojedinchuk, A.E. *see* Derkach, V.M. 65973
Pojidaev, V. *see* Arefiev, A. 69787
Pojidaev, V. *see* Arefiev, A. 100805
Pok-Mo Ku *see* Byeong-Seok Shin 86692
Poker, D.B. *see* Gorbatkin, S.M. 84219
Pokhsrarian, K. *see* Sarkisyan, D. 76175
Pokorny, M. Cauchy problem for the non-Newtonian viscous incompressible fluid 113257
Pokotilo, I.L. *see* Koldunov, M.F. 107482
Pokotilovski, Yu.N. *see* Muzychka, A.Yu. 69633
Poku, I.T. *see* Cherfur, R. 103458
Pokuls, R. *see* Rahmat-Samii, Y. 66086
Pol, E.van der *see* van der Pol, E.
Pol, J.A.van der *see* van der Pol, J.A.
Pol, J.Van de *see* Van de Pol, J.
Pol, J.van der *see* van der Pol, J.
Pol, M.de *see* de Pol, M.
Polacco, E. *see* De Riva, A.M. 96579
Polacin, A. *see* Ge Wang 101432
Poladian, L. *see* Monro, T.M. 75532
Poladian, L. *see* Stephens, T. 99550
Poladiau, L. *see* Mitchell, D.J. 85692
Polak, M. *see* Majoros, M. 95413
Polak, M. *see* Mollah, S. 95434
Polakos, P.A. *see* Hampel, G. 83343
Polana, R., Nelson, R. Recognition of nonrigid motion 77331
Polanc, I. *see* Kren, B. 63581
Polansky, M. *see* Redfern, R. 110723
Polasek, W. Variance diagnostics for classical and Bayesian linear regression 103594
Polatoglou, H.M., Vlachoudis, V. The dielectric function of some low-dimensional Si and Ge structures 94312
Polatoglu, H. *see* Sahin, I. 82145
Polcari, A. *see* Monaco, R. 64539
Polder, G., Van der Heijden, G.W.A.M., Van der Burg, W.J., Aartse, J.W. Quality determination of seed by X-ray testing and computerized image analysis 92293
Polenta, L. *see* Castaldini, A. 114648
Poles, L.D. *see* Herd, J.S. 97357
Polesello, G. *see* Autiero, D. 69815
Polesello, G. *see* Autiero, D. 80006
Poleshchuk, V.I. Multiloop speed and position drive with cascaded invariant control 71736
Poleshchuk, V.I. A multiloop speed and position control for an electrical drive with cascaded invariant control 103054
Polesskii, V.P. The best possible bounds for full rank probability of a random submatroid 77544
Polet, F. *see* Godts, P. 110141
Poletaev, N.K. *see* Lebedev, A.A. 105301
Poletti, J.L. Patient doses from CT in New Zealand and a simple method for estimating effective dose 80521
Poletto, L. *see* Pernechele, C. 79565
Poleva, A.A. *see* Babadzhanov, L.S. 99838
Polevoi, V.G. *see* Biryukov, S.V. 106438
Polezhaev, S.A. *see* Fursey, G.N. 73955
Polgar, K. *see* Alfonso, J.E. 92867
Polgar, K. *see* Martini, M. 106953
Polgar, O. *see* Boher, P. 94697
Polgar, T. *see* Dospisil, J. 87969
Poli, G.De *see* De Poli, G.
Poli, M. *see* Viterbini, M. 106968
Poli, M.de *see* de Poli, M.
Polichetti, A. *see* Barbaro, V. 70261
Policicchio, I. *see* Colalongo, L. 84406
Polignano, M.L., Bresolin, C., Cazzaniga, F., Sabbadini, A., Queirolo, G. Investigation of metal contamination by photocurrent measurements: Validation and application to ion implantation processes 84077
Polikarpova, N.S. *see* Zhuravlev, Yu.I. 67327
Polini, R., Barbarossa, V., Minarini, C., Eray, A., Marucci, A., Mattei, G. Growth of Si:H thin films by hot filament CVD: μ-crystalline to amorphous transition 61432
Polinski, A. *see* Wtorek, J. 120440
Polis, M.F. *see* McKeown, D.M. 70551
Polishchuk, V.L., Efimov, B.S. Ways for creating large gas-turbine units of a new generation with a sophisticated heat cycle arrangement and high-efficiency combined-cycle installations based on these units 102473
Polisski, G., Andrianov, A.V., Kovalev, D., Koch, F. Light-stimulated anisotropy in porous silicon 74583
Polisski, G., Andrianov, A.V., Kovalev, D., Koch, F. Polarization memory induced by polarized light-assisted anodization of n-type Si 94303
Polisskii, G. *see* Lebedev, E.A. 114552
Politanskii, L.F. *see* Gerasin, V.V. 115225
Politi, M. *see* Macchiarella, G. 62186
Politiek, J. *see* Oostra, D.J. 105556
Politis, G.K., Koras, A.D. A performance prediction method for ducted medium loaded horizontal axis wind turbines 71203
Politmentseva, T.N. *see* Mikhaylov, P.G. 89010
Politova, E.D. *see* Kasatkin, S.I. 64441
Polivanov, V.G. *see* Ol'khovskii, G.G. 102466
Poljak, D., Roje, V. Methods for Sommerfeld integrals evaluation 76619
Poljak, M., Bojanic, B., Hafner, T., Tomasevic, J. A new concept of combined transformers 121532
Polk, I. *see* Bunce, G. 100643
Polla, D.L., Baude, P.F., Pham, L., Mei, Q., Choi, J.R., Ye, C., Francis, L.F., Vu, T. Micromachined infrared detectors based on pyroelectric thin films 69178
Polla, D.L., Francis, L.F. Ferroelectric thin films in micro-electromechanical systems applications 115380
Polla, D.L. *see* Schiller, P.J. 74050
Pollack, G. *see* Apte, P.P. 115027
Pollack, M.W. Communications-based signaling: advanced capability for mainline railroads 118771
Pollack, S.A. *see* Kalisky, Y. 96678
Pollak, F.H., Krystek, W., Leibovitch, M., Malikova, L., Hybertsen, M.S., Lum, R., Vandenberg, J.M., Reynolds, C.L. Room temperature, contactless electromodulation investigation of wafer-sized quantum well laser structures 96352
Pollak, F.H. *see* Hybertsen, M.S. 96350
Pollak, F.H. *see* Moneger, S. 76043
Pollak, R. Herstellung passivierter Au-Leiterbahnen und Charakterisierung ihres mechanischen Spannungszustandes (Preparation of passivated Au lines and characterisation of their mechanical stress states) 63449
Pollak, R., Huck, H., Haselier, H., Ehrhart, P., Schilling, W. Investigation of stresses in passivated gold lines 114997
Pollak-Diener, G., Gallem, D. Streamlining lateral airflows [cleanrooms] 94646
Pollakowski, M. *see* Spoleder, F. 98921
Pollard, C.E. Electronic meeting systems: specifications, potential and acquisition strategies 78134
Pollard, J.K. *see* Shin, D. 77462
Pollard, R.D. *see* Adams, A.R. 93867
Pollard, R.D. *see* Adams, A.R. 114220
Pollard, R.D. *see* Atherton, J.S. 114267
Pollard, R.D. *see* Boglione, L. 113700
Pollard, R.D. *see* Collins, C.E. 69474
Pollard, R.D. *see* Collins, C.E. 83441
Pollard, R.D. *see* Drury, R. 93882
Pollard, R.D. *see* Drury, R. 104807
Pollard, R.D. *see* Guohao Zhang 83377
Pollard, R.D. *see* Hai-Shueh Lee 113764
Pollard, R.D. *see* Joshi, K.K. 112893
Pollard, R.D. *see* Lee, H.-S. 114247
Pollard, R.D. *see* Leroux, H. 100287
Pollard, R.D. *see* Lu, K. 94923
Pollard, R.D. *see* Morton, C.G. 93805
Pollard, R.J. *see* Guilfoyle, S.J. 61358
Pollard, T. *see* Brotherton, T.W. 67113
Pollefeys, M., van Gool, L., Moons, T. Euclidean 3D reconstruction from stereo sequences with variable focal lengths 86793
Pollefeys, M., Van Gool, L., Proesmans, M. Euclidean 3D reconstruction from image sequences with variable focal lengths 67223
Pollentier, I. *see* Morf, T. 84470
Pollert, E. *see* Durcok, S. 106556
Pollert, E. *see* Hejtmanek, J. 106657
Pollet, T., Moeneclaey, M. Synchronizability of OFDM signals 88221
Pollet, Y. *see* Lefevre, V. 98068
Pollex, D. *see* Gamelin, J. 88652

Polley, M.V. Assessment of zircaloy fuel clad oxidation under elevated lithium primary coolant chemistry at millstone 3 PWR 71077
Pollington, S.D. *see* Wan, J.K.S. 71904
Pollitt, S. *see* Ives, D.J. 64682
Pollman, M.D., Katzin, P., Bedard, B., Aparin, V., Grammer, W., Orgusaar, R. A MMIC radar chip for use in air-to-air missile fuzing applications 90886
Pollman, M.D., Katzin, P., Bedard, B., Aparin, V., Grammer, W., Orgusaar, R. A MMIC radar chip for use in air-to-air missile fuzing applications 90893
Pollock, C. *see* Barnes, M. 121999
Pollock, C. *see* Jolliffe, C.M. 102646
Pollock, C. *see* Jolliffe, C.M. 102772
Pollock, C. *see* Kin-Ho Chu 80988
Pollock, C. *see* Michaelides, A.M. 121443
Pollock, C. *see* Po Wa Lee 121930
Pollock, C. *see* Wale, J.D. 121976
Pollock, C.R. *see* Hayduk, M.J. 114730
Pollock, C.R. *see* Mass, J.L. 113281
Pollock, D., Coulon, R. Life cycle assessment: of an inkjet print cartridge 72374
Pollock, H., Flower, J.O. Series-parallel load-resonant converter for controlled-current arc welding power supply 71534
Pollock, I. *see* Freedman, N. 88150
Pollock, L.R. *see* Rene van Dorp, J. 112864
Pollock, R.E. *see* Wise, T. 120082
Polman, A. *see* Min, K.S. 62836
Polman, A. *see* Priolo, F. 114898
Polman, A. *see* Snoeks, E. 107196
Polman, A. *see* Taylor, M.E. 113361
Polman, A. *see* van den Hoven, G.N. 64730
Polo, A., Ibanez, D., Navarro, A. Interactive services on MATV systems. Terrestrial return interaction path 119457
Poloiko, I.G. *see* Kalashnikov, V.L. 116428
Polok, G. *see* Adam, W. 69709
Polonski, A. *see* Huenger, A. 69838
Poloujadoff, M. *see* Bassily, E. 111912
Poloujadoff, M. *see* Ferkal, K. 102158
Poloujadoff, M. *see* Mfonkeu, G. 91914
Polovkov, I.P. *see* Shteinshleiger, V.B. 68665
Polowczyk, W., Stanczak, W. Dependence of asymmetry of currents and power factors on asymmetry of inductive impedances in three phase low voltage circuit 111435
Poloyko, I.G., Kalashnikov, V.L., Kalosha, V.P., Mikhailov, V.P. Novel cavity configurations for solid state Kerr lens mode locked lasers 96223
Polskhikh, E.D. *see* Lazarev, V.V. 106315
Polskikh, S.D., Sviridov, K.N. Image restoration in minimum-redundancy optical arrays 77198
Polsky, B. *see* Apanovich, Y. 63522
Polsky, M. *see* Nakhamkin, M. 111792
Polster, K. *see* Henningsen, C.G. 121167
Polstyanko, S.V., Jin-Fa Lee Nonlinear hybrid vector finite element method for modeling wave propagation in nonlinear media 95759
Polstyanko, S.V., Jin-Fa Lee Full wave vector Maxwell equation simulations of nonlinear effects in three spatial dimensions 96734
Polstyanko, S.V. *see* Dyczij-Edlinger, R. 62344
Poltoratskii, E.A. *see* Il'ichev, E. 84507
Poltoratsky, E.A. *see* Bashkin, M.O. 72934
Poltz, J. *see* Khazaka, R. 65923
Polukhin, G.A. *see* Kryzhanovskii, I.B. 108033
Polunin, V.A. *see* Gromov, D.V. 105889
Polushkin, N.I. *see* Blyakhman, Y. 64240
Polushkin, N.I. *see* Shkuratov, S.I. 73956
Polutnik, E. *see* Zun, I. 89569
Polvichai, J., Chongstitvatana, P. Visually-guided reaching by genetic programming 87071
Polyakov, A. *see* Tsyganov, Yu. 120183
Polyakov, A.N. *see* Surzhenko, A.B. 113799
Polyakov, A.Y., Chelniy, A.A., Smirnov, N.B., Govorkov, A.V., Milnes, A.G., Li Xiaolei, Aluev, A.N., Orlov, P.B. The influence of oxygen in phosphine on electrical properties of undoped InGaAlP layers grown by MOCVD 92843
Polyakov, A.Y., Smirnov, N.B., Govorkov, A.V., Chelniy, A.A., Milnes, A.G., Li Xiaolei, Leiferov, B.M., Aluev, A.N. Conduction band offsets in InGaAlP/InGaP heterojunctions as measured by DLTS 83905
Polyakov, G.A. *see* Konovalov, N.A. 117722
Polyakov, N.K. *see* Guryanov, G.M. 83938
Polyakov, O.V. *see* Sharafutdinov, R.G. 61404
Polyakov, S.V. *see* Sablikov, V.A. 94340
Polyakov, V.M., Elbe, A., Wu, J., Lapeyre, G.J., Schaefer, J.A. Silicon spreading in δ-doped GaAs(100): a high-resolution electron-energy-loss-spectroscopy study 94366
Polyakov, V.S. *see* Ol'khovskii, G.G. 102466
Polyakova, K.P. *see* Lepeshev, A.A. 104108
Polyakovv, N.D. *see* Bortsov, Yu.A. 71796
Polyanskaya, G.V. *see* Polyanskii, P.V. 85766
Polyanskaya, L.N. *see* Devyatkov, N.D. 110881
Polyanski, O. *see* Vystavkin, A. 110341
Polyanskii, P.V. On peculiarities of an associative response reconstructed by the referenceless hologram 85748
Polyanskii, P.V. New version of a diffraction microscopy based on the Young hologram 85751
Polyanskii, P.V., Polyanskaya, G.V. Imaging properties of Young hologram 85766
Polycarpou, A.C., Lyons, M.R., Balanis, C.A. Dispersive effects of a thin metal-insulating layer in MMIC structures 83486
Polycarpou, A.C., Lyons, M.R., Balanis, C.A. A two-dimensional finite element formulation of the perfectly matched layer 97278
Polycarpou, A.C., Lyons, M.R., Balanis, C.A. Finite element analysis of MMIC waveguide structures with anisotropic substrates 114322
Polycarpou, A.C. *see* Lyons, M.R. 85937
Polychronakos, V.A. *see* Akesson, T. 69833
Polychroniadis, E.K., Anagnostopoulos, A.N., Lioutas, C.B. The influence of planar compositional modulation on the anisotropic behaviour of TlBiSe$_2$ 94430
Polychroniadis, E.K. *see* Ozer, M. 113284
Polychronopoulos, S.J., Uzunoglu, N.K. Propagation and coupling properties of integrated optical waveguides–an integral equation formulation 64734
Polydoros, A., Panagiotou, P., Anastasopoulos, A., Te-Kai Liu, Chung-Ming Sun, Gerges, R. Integrated-layer packet radio study for AHS 88380
Polydoros, A. *see* Chugg, K.M. 66216
Polydoros, A. *see* Chugg, K.M. 86277
Polydoros, A. *see* Chugg, K.M. 99359
Polygalov, E. *see* Feldman, Y. 119546
Polyzos, G.C. *see* Han, J.K. 108448
Polyzos, G.C. *see* Kompella, V.P. 78217
Polyzos, N. *see* Tatakis, E. 61628
Polyzos, N. *see* Tatakis, E. 121682
Polzin, J.A., Frayne, R., Grist, T.M., Mistretta, C.A. Frequency response of multi-phase segmented k-space phase-contrast 70094
Polzonetti, G. *see* Bearzotti, A. 119642
Pomalaza-Raez, C.A. *see* Hemminger, T.L. 109345
Pomalaza-Raez, C.A. *see* Hemminger, T.L. 118807
Pomaro, N. *see* Bellina, F. 107763
Pombacher, F., Dobler, C., Stemplinger, R., Treyer, T., Pagnin, P. High density connectors with high metric pitch under the aspect of high data rate transmission 114384
Pombo, F. *see* Soler, R. 80197
Pomerantz, S.M., Siegel, E.L., Pickar, E., Protopapas, Z., McDermott, M., Reiner, B. PACS in the operating room: experience at the Baltimore VA Medical Center 111020
Pomerantz, S.M. *see* Siegel, E.L. 111015
Pomeranz, B. *see* Spence, D.W. 80384
Pomeranz, I., Reddy, S.M. Static compaction for two-pattern test sets 61758
Pomeranz, I., Reddy, S.M. On test generation for interconnected finite-state machines–the output sequence justification problem 73234
Pomeranz, I., Reddy, S.M. On static compaction of test sequences for synchronous sequential circuits 83067
Pomeranz, I., Reddy, S.M. Dynamic test compaction for synchronous sequential circuits using static compaction techniques 93238
Pomeranz, I., Reddy, S.M. On finding functionally identical and functionally opposite lines in combinational logic circuits 93331
Pomeranz, I., Reddy, S.M., Patel, J.H. On double transition faults as a delay fault model 93303
Pomeranz, I. *see* Lu, Y. 104470
Pomeranz, I. *see* Reddy, S.M. 106144
Pomeranz, I. *see* Uppaluri, P. 104481
Pomerleau, R. *see* Banerjia, S. 60656
Pomet'ko, R.S. *see* Balashov, S.M. 102394
Pomianowski, P. *see* Aronstein, D. 69717
Pomiguev, Y.G. *see* Gavrilov, G.A. 75937
Pomilio, J.A. Quasi-resonant Cuk converter: design and static characteristics 93107
Pomilio, J.A., Pagan, C.J.B. Resonant high-voltage source working at resonance for pulsed laser 116592
Pomilio, J.A., Spiazzi, G. High-precision current source using low-loss, single-switch, three-phase AC/DC converter 81570
Pomilio, J.A. *see* Spiazzi, G. 112099
Pomilio, J.A. *see* Vendrusculo, E.A. 121755
Pommerau, F. *see* Danielsen, S.L. 88636
Pommerau, F. *see* Danielsen, S.L. 99559
Pommerau, F. *see* Joergensen, C. 88595
Pommerehne, J., Vestweber, H., Tak, Y.H., Baessler, H. Transient electroluminescence from single- and double-layer light-emitting diodes (LEDs) based on polymer blends 75749
Pommerehne, J. *see* Hopmeier, M. 75699
Pommerehne, J. *see* Tak, Y.H. 96040
Pommet, D.A. *see* Morris, J.B. 98023
Pommet, D.A. *see* Pi-Tung Chen 98025
Pommier, J.C., Cachard, A., Tirolle, N., Choujaa, A. Elaboration and characterization of piezoelectric AlN films deposited by DC reactive magnetron sputtering 64093
Pomortseva, L.I. *see* Mnatsakanov, T.T. 94228
Pomp, A. *see* Dimitrakopoulos, C.D. 92930
Pompe, W., Gorbunov, A. Nanostructuring of laser-deposited thin films 104102
Pompe, W. *see* Gorbunov, A.A. 92917
Pompei, D. *see* Cirio, L. 66054
Pompei, D. *see* Cirio, L. 66094
Pompei, G. *see* Mezzanotte, P. 73624
Pomphrey, P.J., Jr. *see* Callahan, D.W. 65420
Pomponi, R. *see* Bandinelli, M. 98979
Pomraning, G.C. *see* Bingjing Su 71094
Ponce, D. *see* Ferguson, S.W. 111613
Ponce, F.A., Bour, D.P., Young, W.T., Saunders, M., Steeds, J.W. Determination of lattice polarity for growth of GaN bulk single crystals and epitaxial layers 82629
Ponce, F.A., O'Keefe, M.A., Nelson, E.C. Transmission electron microscopy of the AlN-SiC interface 114714
Ponce, J., Genc, Y. Epipolar geometry and linear subspace methods: a new approach to weak calibration 86453
Ponce, J. *see* Joshi, T. 77159
Ponce, J. *see* Noble, A. 110755
Ponce, J. *see* Vijayakumar, B. 86397
Ponce, J., Zisserman, A., Hebert, M. *(editors)* Object Representation in Computer Vision II. ECCV '96 International Workshop. Proceedings 112686
Ponce, M.A. *see* Plata, A.M. 111680
Ponce de Leao, M.T., Matos, M.A. Fuzzy modelling of independent producers for multicriteria electric distribution planning 102132
Ponce de Leao, M.T. *see* Matos, M.A. 91068
Poncet, A. *see* Buckley, J. 89629
Poncet, A. *see* Fornara, P. 84320
Poncet, A. *see* van Rooij, M. 100430
Poncet, D. *see* Vinet, F. 105761
Ponchak, G.E., Dib, N.I., Katehi, L.P.B. A novel transition between rectangular waveguide and layered ridge dielectric waveguide 73625
Ponchak, G.E., Dib, N.I., Katehi, L.P.B. Design and analysis of transitions from rectangular waveguide to layered ridge dielectric waveguide 93656
Ponchak, G.E. *see* Nguyen, H. 116110
Ponchet, A., Le Corre, A., L'Haridon, H., Lambert, B., Salaun, S., Groenen, J., Carles, R. Structural aspects of the growth of InAs islands on InP substrate 61292
Ponchet, A. *see* Gerard, J.M. 63082
Ponchut, C. *see* Trousset, Y. 70059
Poncino, M. *see* Ferrandi, F. 83076
Poncino, M. *see* Ferrandi, F. 93298
Poncino, M. *see* Ferrandi, F. 113882
Poncino, M. *see* Macii, E. 93295
Poncino, M. *see* Macii, E. 113907
Pond, C.W. Two realizations of delay equalizer networks 95318
Pond, J.M. *see* Knauss, L.A. 95304
Pond, J.M. *see* Rauscher, C. 93775
Pond, L.L. *see* Allen, S.T. 106039
Pond, L.L., III *see* Allen, S.T. 62273
Pond, L.L., III *see* Allen, S.T. 83381
Ponds, M. *see* Sachtschale, R. 94188
Ponds, M.L., Feng, Y., Madey, J.M.J., O'Shea, P.G. Non-destructive diagnosis of relativistic electron beams using a short undulator 96497
Pong, M.H. *see* Poon, N.K. 121572
Pong, R. *see* Heden, C. 63265
Pong, R.G.S. *see* Flom, S.R. 107551
Pong, R.G.S. *see* Shirk, J.S. 116648
Pong, T.C. *see* Hoi-Man Yip 86825
Pongratz, P. *see* Gerber, J. 61353
Pongratz, P. *see* Wurzinger, P. 72924
Poniecki, A. *see* Kalisz, J. 104586
Pon'kin, V.A. *see* Bychkov, A.A. 108675
Ponnala, S. *see* Prasad, S.N. 73790
Ponnapalli, S. Modeling and design of antennas for RF wireless systems 97288
Ponnapalli, S. *see* Burghartz, J.N. 83514
Ponnapalli, S. *see* Crow, J.D. 119221
Ponnekanti, H. *see* Ophir, J. 90290
Ponnekanti, S., Murugesh, L., Hanson, E. Failure mechanisms of anodized aluminum parts used in chemical vapor deposition chambers 82730
Ponnekanti, S., Sali, S. Application of antenna arrays for spatial separation in wireless systems 99278
Ponomarenko, A.G. *see* Grachev, G.N. 107069
Ponomarenko, A.G. *see* Grachev, G.N. 107113
Ponomarenko, A.T., Ryvkina, N.G., Tchmutin, I.A., Klason, C., Shevchenko, V.G. Computation of electrodynamic properties of structures with liquid components 104201
Ponomarenko, A.T. *see* Shevchenko, V.G. 104199
Ponomarenko, N.N. *see* Lukin, V.V. 77359
Ponomarenko, P.V. *see* Bulgakov, S.A. 85868
Ponomarenko, V.I. *see* Trubetskov, D.I. 74003
Ponomarenko, V.P., Zaulin, I.A. Dynamic regimes of a steady-state bistable phase-locked loop 73159
Ponomarev, E.A., Neumann-Spallart, M., Hodes, G., Levy-Clement, C. Electrochemical deposition of MoS$_2$ thin films by reduction of tetrathiomolybdate 113402
Ponomarev, L.I., Rozet, M.E. A combined dual-band cylindrical helical antenna 108032
Ponomarev, N.Yu. *see* Shur, V.Ya. 95265
Ponomarev, S.V. *see* Belogorokhov, A.I. 62781
Ponomarev, V.I. *see* Kulish, S.N. 100032
Ponomarev-Stepnoi, N.N. Nuclear criticality safety of space power systems 111061
Ponomaryov, D.I. *see* Kozlov, B.A. 107090
Pons, A. *see* Baker, A.E. 65896
Pons, A. *see* Corredera, P. 64683
Pons, A. *see* Sitzia, A.M. 65897
Pons, D. *see* Delage, S.L. 62341
Pons, I. *see* Gouinaut, C. 120894
Pons, M. *see* Rouch, H. 113497
Pons, R. *see* Shenping Li 65399
Pons, R. *see* Shenping Li 116389
Ponsart, J.-C. *see* Levine, J. 102625
Ponsoda, E. *see* Jodar, L. 72674

Ponta, D., da Bormida, G., Donzellini, G. Preliminary student evaluation of a CBL course on digital systems electronics 112797
Ponta, D. *see* Parodi, G. 112798
Pontailler, C. *see* Vilain, B. 108976
Pontcharra, J.de *see* de Pontcharra, J.
Pontecorvo, G.B. *see* Bussa, M.P. 69878
Pontes, M.J., Souza, R.F., Fragnito, H.L. Optimization of a two-stage erbium-doped fiber amplifier with large signal input power and pump lasers with moderate power 75833
Pontes, M.S. *see* Silva Mello, L.A.R. 99452
Ponthieu, C. *see* Jousse, D. 89335
Pontiga, F., Castellanos, A. Electrical conduction of electrolyte solutions in nonpolar liquids 95248
Ponting, P. *see* Hallgren, B. 90201
Ponting, P. *see* Hallgren, B. 100956
Ponto, H.-U. *see* Leipnitz, Y. 91332
Pontoni, D. *see* Arfelli, F. 90367
Pontoni, D. *see* Arfelli, F. 90432
Pontoppidan, K. Recent developments in reflector antenna analysis and design 76557
Ponzo, S. *see* Viterbini, M. 106968
Poo Gee-Swee *see* Gee-Swee Poo
Pooch, U.W. *see* Marti, W.F. 112768
PooGyeon Park, Kailath, T. New square-root smoothing algorithms 60928
Pooi Yuen Kam Open-loop tanlock carrier recovery structure for BPSK and its performance 86032
Pooi Yuen Kam, Cheng Zhong Tight bounds on the bit error probabilities of MDPSK over the non-selective Rician fading channel 88157
Pookaiyaudom, S., Jantarang, S. Automatic circuit simplification for meaningful symbolic analysis using the genetic algorithm 104261
Pookaiyaudom, S. *see* Thanachayanont, A. 104388
Pookiayaudom, S. *see* Mahattanakul, J. 114148
Poole, C., Ozonoff, D. Magnetic fields and childhood cancers 90664
Poole, J. *see* Balhan, B. 79967
Poole, J. *see* Brunner, O. 79953
Poole, K.F. *see* Moosa, M.S. 115266
Poole, M.W. *see* Suller, V.P. 79866
Poole, P. *see* Marquezini, M.V. 105428
Poole, P.J., Charbonneau, S., Dion, M., Feng, Y., He, J.J., Koteles, E.S., Mitchell, I.V., Goldberg, R.D. Quantum well intermixing for the realization of photonic integrated circuits 85321
Poole, P.J., Davies, M., Dion, M., Feng, Y., Charbonneau, S., Goldberg, R.D., Mitchell, I.V. The fabrication of a broad-spectrum light-emitting diode using high-energy ion implantation 96038
Poole, P.J. *see* He, J.-J. 85504
Poole, P.J. *see* Koteles, E.S. 65366
Poole, R.H.M. *see* Oliphant, A. 119367
Poole, S.B. *see* Coghill, P. 100075
Poole, S.B. *see* Fleming, S.C. 85011
Poolman, H.R. *see* Zhou, Z.-L. 110536
Poon, A. *see* Weber, K. 68918
Poon, C.Y., Bhushan, B. Rough surface contact analysis and its relation to plastic deformation at the head-disk interface 75248
Poon, J.C.H., Ghadiali, M., Mao, G.M.T., Sheung, L.M. A robust vision system for vehicle licence plate recognition using grey-scale morphology 67149
Poon, J.C.H. *see* Ghadiali, M. 108560
Poon, J.C.H. *see* Kwok, S.K.W. 108562
Poon, J.C.H. *see* Shin, K.K. 66579
Poon, K.M. *see* Yung, N.H.C. 86555
Poon, M.C., Wong, T.Y., Sin, K.O., Wong, M. New numerical method for semiconductor device simulation 84291
Poon, M.C. *see* Han, P.G. 64918
Poon, M.C. *see* Wong, H. 95011
Poon, N.K., Lau, W.H., Chung, H. A ZVS PWM converter for a full audio band amplifier 121663
Poon, N.K., Pong, M.H. A novel ZVS direct coupling converter (DCC) 121572
Poon, P.W.F., Lui, P.W., Chow, L.H., Lam, F.K., Chan, F.H.Y., Lin, Y.M. EMG spike trains of succinylcholine-induced fasciculations in myalgic patients 90503
Poon, P.W.F. *see* Fung, K.S.M. 70111
Poon, T.-C. *see* Pieper, R.J. 67068
Poon, T.-C. *see* Schilling, B.W. 85753
Poon, T.C. *see* Jay Bao 109912
Poon, T.W., Ho, P.S. Molecular orientation effect on the thermomechanical deformation behaviour in Cu/polyimide line/via structure 114406
Poon, T.W. *see* Ho, P.S. 112965
Poon, V.M.C. *see* Baoping Wang 83733
Poon, Y.W., Tam, W.Y. The method of moments with the use of orthonormal wavelet like basis functions with vanishing moments 116801
Poon Sin Kie *see* Sin Kie Poon
Poon Ting-Chung *see* Ting-Chung Poon
Poonen, B. *see* Calderbank, A.R. 66387
Poong Chung Ha *see* Ha Poong Chung
Poong Hyun Seong *see* Dae Sik Kim 82896
Poong Hyun Seong *see* Hyun Gook Kang 81229
Poong Hyun Seong *see* Seung Han 81266
Poor, H.V. *see* Mitra, U. 67545
Poor, H.V. *see* Mitra, U. 77700
Poor, H.V. *see* Mitra, U. 108809
Poor, H.V. *see* Sarkar, S. 66456
Poore, A.B., Rijavec, N. Partitioning multiple data sets: multidimensional assignments and Lagrangian relaxation 97813
Poore, R.S. Cryptographic security 66517
Poorman, T.J., Kalashnikov, S., Wlodarczyk, M.T. New generation of high-temperature fiber-optic pressure sensors 89126
Poornaiah, D.V. Sign extension bit minimisation algorithm for multi-bit coded multiplier structures for DSP applications 93434
Poornaiah, D.V., Mohan, P.V.A. A novel VLSI concurrent dual multiplier-dual adder architecture for image and video coding applications 98338
Poorten, A.J.van der *see* van der Poorten, A.J.
Poorten, H.Vander *see* Vander Poorten, H.
Poortmans, J. *see* Nijs, J. 103004
Poortmans, J. *see* Ohyama, H. 84306
Poortmans, J. *see* Ohyama, H. 105873
Poortmans, J. *see* Ohyamaa, H. 115145
Pop, G. *see* Chiriac, H. 115583
Pop, G. *see* Moldovanu, E. 69458
Popa, O., Cobianu, C., Dascalu, D. Electrical determination of the phosphorus content in thin phosphosilicate glass films 113549
Popa, R., Baran, I., Trecat, J. Aspects concerning the analysis of grounding systems' transient behaviour using EMTP 111668
Popa, R. *see* Platon, M. 96905
Popara, R. *see* Dekic, S. 81312
Popay, J., Williams, G. Lay knowledge in the public sphere: barriers to citizen involvement in public health policy 92115
Popchev, I. *see* Konstantinov, M. 108259
Pope, A.R., Lowe, D.G. Learning appearance models for object recognition 117686
Pope, E. *see* Dumur, D. 81417
Pope, K.J. *see* Mohandes, M. 109795
Pope, K.J. *see* Zhu, J. 68551
Pope, S. Application migration for mobile computers 118340
Pope, T.L. *see* Berry, J.L. 69955
Popel, A.S. *see* Jerry, R.A. 101049
Popel, D.V. *see* Cheushev, V.A. 108633
Popelek, J. *see* Vlcek, K. 104275
Popelis, I. Voltage increase from 220/380 V to 230/400 V: consequences for the electricity consumer 91128
Popenko, N.A. *see* Bodnaruk, O.A. 94445
Popenko, N.A. *see* Ivanchenko, I.V. 93821
Popenko, N.A. *see* Vertiy, A.A. 62209
Popenko, N.A. *see* Vertiy, A.A. 107902
Popenko, V.S. Application of Kronecker transformations to the synthesis sets of discrete orthogonal signals 108280
Poperechenko, B.A. *see* Kalinin, A.V. 68821
Popescu, A. A model for describing the effect of series resistance in pseudo-MOS transistors 63684
Popescu, A., Petrescu, A.-M., Carlan, F. Adaptation of planning procedures to provide operational flexibility of transmission electric network 102045
Popescu, A. *see* Berca, V. 112491
Popescu, C., Trusca, V., Popescu, M. New aspects in electric apparatus monitoring and testing techniques 81371
Popescu, C. *see* Manifacier, J.C. 105844
Popescu, C. *see* Popescu, M. 71591
Popescu, C. *see* Popescu, M. 121650
Popescu, C. *see* Popescu, M. 121651
Popescu, G., Chartier, J.-M., Chartier, A. Iodine-stabilized He-Ne laser at λ=633 nm: design and international comparison 75821
Popescu, I.-I. *see* Udrea, M. 75598
Popescu, I.M. *see* Grobnic, D.M. 85451
Popescu, I.M. *see* Puscas, N.N. 79746
Popescu, I.M. *see* Syrbu, A. 65207
Popescu, I.M. *see* Syrbu, A.V. 76041
Popescu, M., Popescu, C. Active power filters with static converters–dedicated integrated circuits for series active power filters control 121650
Popescu, M., Popescu, C., Radomirescu, B. An unified model for the DC-DC elementary converters with PWM control 121651
Popescu, M., Trusca, V., Popescu, C. Electric arc blow-out chamber optimization 71591
Popescu, M. *see* Mihailescu, I.N. 82761
Popescu, M. *see* Popescu, C. 81371
Popescu, M.O. Limits of elementary DC-to-DC buck and boost converters performances 121649
Popescu, M.O., Radomirescu, B.M. Design of IC controlled switched-mode supply with power factor correction 71505
Popescu, P., Solheim, A., Wight, M. Experimental monolithic high speed transceiver for Manchester encoded data 67992
Popescu, S., Vaju, D. High voltage supply for ozone generators with improved functional parameters 81561
Popescu, S. *see* Deutsch, D. 108178
Popescu, T.D. Robust detection of changes with application to structural systems 113013
Popescu, Th.D. Sequential detection of changes in digital signals with application to seismic signal processing 101505
Popescu, Th.D. Fault detection of dynamical systems with nonstationary inputs 103508
Popescu, V., McNamara, B. Innovative verification strategy reduces design cycle time for high-end SPARC processor 82856
Popescu, V. *see* Rusu, C. 66847
Popescu, V.G. *see* Buzuloiu, V. 87200
Popescu-Vifor, B. Dynamic lifetime assessment method for the N1C700 turbine's rotor 91346
Popescu-Zeletin, R. *see* Eckardt, T. 118235
Popick, M. *see* Sturzebecher, D. 86007
Popik, V.M. *see* Gluskin, E. 101000
Popik, V.M. *see* Vinokurov, N.A. 96552
Popikov, V.S. *see* Efimov, O.M. 116606
Popina, A. *see* Stanculescu, A. 95635
Popirin, L.S. The study of the reliability and viability of a centralized heat supply of cities' 81295
Popivanov, D. *see* Mineva, A. 120457
Popkin, D., Storey, R. Virtual studios in television production 119401
Popkov, A.F. *see* Fetisov, Y.K. 75150
Popkov, V.M. High-accuracy IR device for orientation with respect to the Earth, using information from two parallel scanning trajectories 111042
Popkov, Yu.S. Multiplicative algorithms for determining positive solutions of nonlinear equations 72643
Poplavko, Y.M., Ilchenko, M.E., Pereverzeva, L.P., Prokopenko, Y.V., Yeremka, V.D., Yushchenko, A.G. Microwave annealing of integrated ferroelectric films 64086
Poplavko, Y.M., Prokopenko, Y.V., Molcanov, V.I., Pjatchanin, S.V. Microwave dielectric resonant structures with electrically controlled frequency 114203
Popma, Th.J.A. *see* Van Drent, W.P. 75188
Popma, T.J.A. *see* Albers, H. 64739
Popma, T.J.A. *see* Horst, F. 65481
Popma, T.J.A. *see* Meng, Q. 115612
Popma, T.J.A. *see* Samwel, E.O. 106541
Popma, T.J.A. *see* Van Schoot, J.B.P. 64603
Popma, T.J.A. *see* van Schoot, J.B.P. 64738
Popok, V.N. *see* Kozlov, I.P. 63219
Popoli, R.F., Blackman, S.S., Busch, M.T. Application of multiple hypothesis tracking to agile beam radar tracking 111413
Popolitov, V.I. Synthesis of ferroelectric single crystals of ($Sb_{1-x}Bi_xTaO_4$) solid solutions 61142
Popolitov, V.I. Crystallization and some physical properties of lead sulfidiode 85250
Popov, A., Scheumann, B., Mucke, R., Baranov, A., Sherstnev, V., Yakovlev, Y., Werle, P. Investigation of the mode structure of InAsSb/InAsSbP lasers with respect to spectroscopic applications 65184
Popov, A., Sherstnev, V., Yakovlev, Y., Mucke, R., Werle, P. High power InAsSb/InAsSbP double heterostructure laser for continuous wave operation at 3.6 μm 65271
Popov, A. *see* Tchamov, N. 104400
Popov, A.A., Imenkow, A.N., Yakolev, Y.P. Tunable lasing from 1.8 μm diode lasers: conditions and characteristics 96269
Popov, A.A. *see* Danilova, T.N. 96325
Popov, A.G., Belozerov, E.V., Puzanova, T.Z., Gaviko, V.S., Lapina, T.P., Emolenko, A.S. Hysteresis characteristics of cast permanent magnets made of Pr-Fe-Co-B-Cu alloys 106624
Popov, A.I. *see* Ivanov, V.V. 119543
Popov, A.V. *see* Bielawski, S.S. 72581
Popov, A.Yu. *see* Belous, V.M. 85762
Popov, E., Neviere, M., Reinisch, R. Polymeric gratings for frequency conversion second and half harmonic generation 107544
Popov, F.V. *see* Nikulin, A.D. 95410
Popov, G. *see* Gharsallah, A. 65992
Popov, I.A., Sidorovsky, N.V., Veselov, L.M. Measurement of in-plane mechanical vibration by use of dynamic speckle 79721
Popov, K.V., Tikhonravov, A.V. Synthesis of antireflection coatings for operation in wide spectral and angular ranges 85243
Popov, M.Y. *see* Pershenkov, V.S. 106020
Popov, P., Sainov, S., Baeva, M. Measurement of surface dew by optical sensor 79319
Popov, P. *see* Petrova, T. 65575
Popov, P.A. *see* Zagumennyi, A.I. 96216
Popov, S.A., Peretyagin, G.I. Smoothing algorithm for noisy images with preservation of discontinuities of a two-dimensional signal 77228
Popov, S.A. *see* Batrakov, A.V. 110523
Popov, S.Yu. *see* Friberg, A.T. 85731
Popov, V., Ekel, P., Ansuj, S. Node load modelling and distribution system state estimation using the heuristic approach 102101
Popov, V.A. Variation in quadratic-current pulse in technological systems of industrial enterprises 103176
Popov, V.D. A simple model for radiation response of complementary metal-oxide-semiconductor integrated circuits exposed to ionizing cosmic rays 115349
Popov, V.K., Bagratashvili, V.N., Antonov, E.N., Lemenovski, D.A. Supercritical fluid chemical deposition of thin InP films. A new approach and precursors 104080
Popov, V.S., Shumarov, E.V. Methods for increasing noise suppression of digital averaging devices based on adaptation of weighting functions to signal frequency and phase 100176
Popov, V.V., Smirnov, I.A., Golubkov, A.V., Parfen'eva, L.S., Kasymova, A.G. Thermoelectric power of the $Tm_{1-x}Sm_xS$ system 83890
Popov, V.V., Yakimenko, V.N. State of the art of prospects for investigations of luminescent solar concentrators 81890
Popov, Yu.A. A high-speed phase controller for a quartz-stabilized pulse train 113815
Popov, Yu.M. *see* Basov, N.G. 94206
Popova, E. *see* Markov, S. 113215
Popova, L. *see* Gueorguiev, V. 115226

Popova, M.V. *see* Kardo-Sysoev, A.F. 74317
Popova, S.L. Unblocking of quantum waveguides 62889
Popova, T.B. *see* Foxon, C.T. 82693
Popovic, B.D., Petrovic, V.V. Horizontal wire antenna above lossy half-space: simple accurate image solution 76604
Popovic, B.D. *see* Djurdjevic, D.Z. 108047
Popovic, B.D. *see* Popovic, Z.B. 85973
Popovic, D.B. *see* Stein, R.B. 110657
Popovic, D.P., Mijailovic, S.V. Fast evaluation of dynamic changes of electric power systems frequency during primary control 90981
Popovic, D.P., Mijailovic, S.V. An efficient method for evaluation of post-dynamic quasi-stationary states during the islands operation of power system parts 101970
Popovic, D.P., Mijailovic, S.V. Dynamic characteristics of the electric power interconnection on the Balkans 111465
Popovic, D.P. *see* Papazoglou, T.M. 101907
Popovic, D.S. *see* Bekut, D.D. 82006
Popovic, L.M. Practical method for evaluating ground fault current distribution in station supplied by an unhomogeneous line 121825
Popovic, M., Allen, L., Schmidt, C.W. Fermilab linac injector, revisited 89595
Popovic, M., Kovacevic, V., Svircevic, S., Vlatkovic, D. Optimization model of transmission network and switching node management system based on logical filtering of attributes 99008
Popovic, M., Moretti, A., Noble, R.J. New RF structures for the Fermilab Linac Injector 89705
Popovic, M., Svircevic, S., Kovacevic, V. On synchronization and updating in tandem computer system architecture 98613
Popovic, M. *see* Johnstone, C. 79799
Popovic, M. *see* Kerns, Q. 100696
Popovic, M. *see* Kovacevic, V. 99007
Popovic, M. *see* Miljavec, D. 91489
Popovic, M. *see* Secerov, E. 99009
Popovic, M. *see* Secerov, E. 99015
Popovic, P., Bassanese, E., Smole, F., Furlan, J., Grebner, S., Schwarz, R. Numerical simulations of photoconductivity in a-Si:H 75688
Popovic, P. *see* Conde, J.P. 114720
Popovic, P. *see* Furlan, J. 114708
Popovic, P. *see* Schwarz, R. 94973
Popovic, R.S. *see* Bolliger, D. 112776
Popovic, R.S. *see* Passeraub, P.A. 88980
Popovic, Z. Methodology for determination of optimal strategy and direct load control of devices in residential consumption 90983
Popovic, Z., Dajevic, M. The packet switches: Consono Eripax 98986
Popovic, Z., Martincic, M. Packet switching in business communications network MD110 99021
Popovic, Z., Schoenberg, J., Mader, T., Shiroma, W., Hollung, S., Markovic, M., Dixon, J. Quasi-optical components and subsystems for communications 88106
Popovic, Z. *see* Taub, J.J. 114239
Popovic, Z.B., Brown, R.A., Popovic, B.D. A low-profile broadband antenna for wireless communications 85973
Popovic, Z.B. *see* Hollung, S. 62193
Popovic, Z.B. *see* Mader, T. 99198
Popovic, Z.B. *see* Markovic, M. 93784
Popovic, Z.B. *see* Shiroma, W.A. 99096
Popovici, G., Melnikov, A.A., Varichenko, V.S., Khasawinah, S., Sung, T., Prelas, M.A., Denisenko, A.B., Penina, N.M., Martinovich, V.A., Drozdova, E.N., Zaitsev, A.M., Fahrner, W.R., Farmer, J.W., White, H., Chamberlain, J. Properties of Li doped diamond films, obtained by transmutation of ^{10}B into ^{7}Li 84090
Popovici, G., Sokolina, G., Sung, T., Prelas, M.A., Ermakov, M.G., Vedeneev, A.S. Electrical characteristics of diamond films diffused using Li salts 105116
Popovici, G. *see* Arkhipov, I.I. 62684
Popovski, B., Toscano, A., Vegni, L. Scattered fields by finite strip array on a grounded dielectric substrate 66125
Popovych, D.I. *see* Kotlyarchuk, B.K. 92833
Popovych, D.I. *see* Kotlyarchuk, B.K. 104111
Popp, J. *see* Aufinger, K. 84327
Popp, J. *see* Aufinger, K. 105895
Popp, J. *see* Bock, J. 84565
Popp, J. *see* Bock, J. 84566
Popp, J. *see* Felder, A. 68479
Popp, J. *see* Felder, A. 99526
Popp, J. *see* Treitinger, L. 73798
Popp, M. A 12 megabaud ASIC for use with the "Profibus-DP" high speed bus standard 104603
Popp, M. *see* Marheineke, B. 103860
Popp, M. *see* Veuhoff, E. 105564
Popp, O. *see* Vissers, K.A. 97910
Popp, R.L., Pattipati, K.R., Gassner, R.R. Heuristic task assignment algorithms applied to multisensor-multitarget tracking 108375
Poppe, A., Rencz, M., Szekely, V., Karam, J.-M., Courtois, B., Hofmann, K., Glesner, M. CAD framework concept for the design of integrated microsystems 72218
Poppe, A. *see* Szekely, V. 74808
Poppe, B.A. *see* Tarnay, K. 63681
Poppe, D., Last, J.D. DGPS radio-beacon coverage prediction in the European environment 79086
Poppe, G. *see* Nuyts, J. 90313
Poppleton, D.M. *see* Perkins, M. 78508
Pops, H., Holloman, J. The role of nickel and zinc in ETP copper 62398
Popyrin, L.S. *see* Belyaeva, G.M. 90940
Popyrin, S.L. *see* Belyaeva, G.M. 90940
Por, P.T., Coverdale, G.N., Chantrell, R.W., Rekveldt, M.T., Hart, A., Parker, D.A. Theory of neutron depolarisation in particulate dispersions 106487
Por, P.T., Kraan, W.H., Mes, J., Rekveldt, M.T. Magnetic correlations between Co-modified γ-Fe_2O_3 particles in a solid matrix studied by neutron depolarisation in fields up to 0.5 T 106561
Por, P.T., Rekveldt, M.T., Kraan, W.H. Determination of the magnetic structure of metal-evaporated tape by small-angle neutron scattering 106544
Por, P.T. *see* Kraan, W.H. 106523
Porada, Z. Multielement optoelectronic systems with thin film photoconducting and electroluminescent elements 116239
Porangaba, H.D. *see* Canelhas, A. 91117
Porat, B., Friedlander, B. Asymptotic statistical analysis of the high-order ambiguity function for parameter estimation of polynomial-phase signals 66669
Porat, B., Nehorai, A. Localizing vapor-emitting sources by moving sensors 69350
Poray, A., Shalaby, A. Moving the transmission business into the future–an Ontario Hydro perspective 80978
Porcello, J. Build line-type modulators for pulsed-power systems 93126
Porch, A. *see* Lancaster, M.J. 93696
Porch, A. *see* Powell, J.R. 62165
Pordesch, U. *see* Langenheder, W. 108907
Poreye, V. *see* Jongen, Y. 101424
Porges, M. *see* Hascik, S. 115392
Porji, S.G., Thakur, V.A., Mulla, B.A. X-ray and transport properties of system $Cu_{1-x}Cd_xMn_2O_4$ 74281
Porkhaev, V.V. *see* Sizov, A.N. 85362
Porn, K. Statistical treatment of time- and demand-related failures in the Nordic Reliability Data Book (T-book) 71055
Poromaa, P. *see* Kagstrom, B. 103745
Poropat, G.V. Characterisation and use of a staring 8μm-10μm IR focal plane detector array 69264
Poropat, G.V. *see* Rice, B.W. 69260
Poropat, P. *see* Alvsvaag, S.J. 90124
Poropat, P. *see* Arfelli, F. 90367
Poropat, P. *see* Arfelli, F. 90432
Poropat, P. *see* Arfelli, F. 110579
Porowski, S. *see* Gassmann, A. 103838
Porra, V., Halonen, K., Koli, K., Paakkonen, M., Siilasto, S., Tiiliharju, E., Tolonen, P., Wahlroos, T. Low voltage circuits for a single chip 2 GHz transceiver for mobile telecommunication 118915
Porra, V. *see* Paasio, A. 104753
Porra, V. *see* Paasio, A. 114177
Porras-Montenegro, N. *see* Latge, A. 63072
Porrill, J. *see* Garding, J. 67254
Pors, G. *see* Johnson, W.H. 63427
Porsezian, K. Soliton propagation in semiconductor-doped glass fibres with higher-order dispersion 85009
Porsezian, K., Nakkeeran, K. Optical solitons in presence of Kerr dispersion and self-frequency shift 64725
Porst, A. *see* Brunner, H. 121717
Porta, P.della *see* della Porta, P.
Porta, T.F.La *see* La Porta, T.F.
Portal, J.-C. *see* Dubrovskii, Yu.V. 62827
Portal, J.-C. *see* Gusev, G.M. 62876
Portal, J.C. *see* Coppinger, F. 62929
Portal, J.C. *see* Daly, M.S. 63023
Portal, J.C. *see* Gassot, P. 62974
Portal, J.C. *see* Gusev, G.M. 63032
Portal, J.C. *see* Gusev, G.M. 74426
Portal, J.C. *see* Herfort, J. 105250
Portal, J.C. *see* Oswald, J. 105402
Portal, J.C. *see* Sander, T.H. 105405
Porte, H. *see* Chollet, F. 85397
Porte, H. *see* Hauden, J. 88537
Porte, L., Krapf, P., Robach, Y., Phaner, M., Gendry, M., Hollinger, G. Scanning tunneling microscopy study of the epitaxial growth of strained $In_{0.82}Ga_{0.18}As$ layers on InP 82620
Porte, M. *see* Guyot, M. 95358
Porte, T.M.La *see* La Porte, T.M.
Porter, D.G., Glavinas, E., Dhagat, P., O'Sullivan, J.A., Indeck, R.S., Muller, M.W. Irregular grain structure in micromagnetic simulation 64446
Porter, D.G., O'Sullivan, J.A. Physical limits on the storage capacity of magnetic recording media 64397
Porter, D.G. *see* Dhagat, P. 75223
Porter, D.L., Thompson, D.R. Estimation of thermocline depths from SAR imagery and a two layer density model 120852
Porter, G. Implementation of video compression for multimedia applications 118604
Porter, L.J. *see* Black, S.A. 82283
Porter, M.M. *see* Petrosenko, R.D. 80409
Porter, R., Canagarajah, N. A robust automatic clustering scheme for image segmentation using wavelets 86806
Porter, R.B. *see* Vanderlee, K.A. 114463
Porter, S.G., Watton, R., McEwen, R.K. Ferroelectric arrays: The route to low cost uncooled infrared imaging 69299
Porter, S.J. *see* Cole, J.A. 65916
Porter, S.J. *see* Robinson, M.P. 97181
Porter, W.A., Abou-Ali, A.-L. VQ assistance for training perceptron networks 108139
Porterfield, D. *see* Krafft, G.A. 100581
Portesani, M. The global village... in a village [telecommunication networks] 60540
Portheine, F. *see* Stein von Kamienski, E. 105510
Portier, G. *see* Stubenrauch, C.F. 108058
Portilla, J. *see* Navarro, R. 108525
Portilla, M.G. *see* Cagigal, M.P. 110380
Portin, K., Kajola, M., Salmelin, R. Neural net identification of thumb movement using spectral characteristics of magnetic cortical rhythms 80356
Portmann, C.L., Meng, T.H.Y. Power-efficient metastability error reduction in CMOS flash A/D converters 93522
Portmann, G., Robin, D., Schachinger, L. Automated beam based alignment of the ALS quadrupoles 100611
Portmann, G. *see* Hoyer, E. 100455
Portmann, G. *see* Robin, D. 89812
Portmann, G. *see* Robin, D. 120014
Portnoi, E.L. *see* Marsh, J.H. 73689
Portnoi, E.L. *see* Ooi, B.S. 95777
Portnoi, M.G. *see* Gerikh, V.P. 101688
Portnoi, Yu.T. *see* Pisarev, A.L. 103078
Portnyagin, Y. *see* Hernandez, G. 101558
Portolann, C.A., Farret, F.A., Machado, R.Q. Load effects on DC-DC converters for simultaneous speed and voltage control by the load in asynchronous generation 102714
Portone, A. *see* Mondino, P.-L. 64567
Portugheis, J., de Alencar, C.D. On the construction of MPSK block codes for fading channels 66300
Portulano, S. *see* De Venuto, D. 65598
Poruba, A. *see* Fejfar, A. 94392
Poruba, A. *see* Vanecek, M. 94402
Porubcan, V. *see* Cevolani, G. 99712
Porzio, M. *see* Busco, B. 122028
Posa, F. *see* Demelio, G. 69742
Posa, F. *see* Di Mauro, A. 62558
Posa, F. *see* Mattia, F. 120728
Posadsky, I.A. *see* Chudnovsky, A.N. 95598
Posch, C. *see* Pohl, A. 110041
Posch, H.A. *see* Ivanon, D.K. 90508
Posch, S. *see* Massmann, A. 87044
Posey, R., Phillips, L., Diggs, D., Sharma, A. LP_{01}-LP_{02} interference using a spectrally extended light source: Measurement of the non-step-refractive-index profile of optical fibers 110415
Posey, R. *see* Sharma, A. 100065
Poskar, H. *see* Zaifu Zhang 73047
Posnak, E.J., Vin, H.M., Lavender, R.G. Presentation processing support for adaptive multimedia applications 87901
Posner, M.J.M. *see* Iravani, S.M.R. 72432
Posner, S.E., Kulkarni, S.R. Nonparametric regression estimation for arbitrary random processes 66198
Posobilo, V.A. Application of the method of maximal compactness for forecasting changes in metrological characteristics of standards 68949
Posocco, M. *see* De Giorgi, M. 120221
Posochov, A.S. *see* Shifrin, Y.S. 65983
Posokhin, V.V. *see* Suvorov, I.M. 101446
Posonby, J.E.B. Global satellite navigation systems: uses of space-time fixes from geodesy to sailing 88787
Pospelov, A.B. *see* Krasnobriyji, A.V. 112187
Pospelov, M.N. Surface wind speed retrieval using passive microwave polarimetry: the dependence on atmospheric stability 111229
Pospelov, M.N. The atmosphere influence on sea-surface polarized microwave emission 120793
Pospichal, J., Kvasnicka, V. Pruning the search tree in the constructive enumeration of molecular graphs 82419
Pospieszalski, M.W. *see* Padin, S. 73782
Pospisil, J., Brzobohaty, J. Elementary canonical state models of Chua's circuit family 93101
Pospisil, S. *see* Briancon, C. 69880
Possner, T. *see* Goering, R. 107429
Possner, T. *see* Goring, R. 106906
Post, F.H. *see* Van Walsum, T. 86898
Post, F.J. *see* Van Walsum, T. 86898
Post, G. *see* Achouche, M. 84488
Post, G. *see* Achouche, M. 88548
Post, G. *see* Gautier-Levine, A. 106074
Post, G. *see* Georgescu, B. 106072
Post, G. *see* How Kee Chun, L.S. 105614
Post, G. *see* Rigny, A. 119132
Post, M.J., Pasterkamp, G., Mali, W.P.T.M., Borst, C. Computation of a location shift between two subsequent intravascular ultrasound registrations by cross-correlation analysis of the lumen area functions 69976
Post, M.J. *see* Pasterkamp, G. 120398
Posta, R. *see* Leeb, G. 108911
Postaire, J.-G. *see* Ruichek, Y. 87086
Postaire, J.-G. *see* Vannoorenberghe, P. 108582
Postek, M.T., Vladar, A.E. SEM performance evaluation using the sharpness criterion 112987
Postek, M.T. *see* Lowney, J.R. 115081
Postek, M.T. *see* Newell, B.L. 74087
Postek, M.T. *see* Zhang, N.F. 115058
Postel, C. *see* Doussiet, F. 107052
Posten, C. *see* Gollmer, K. 103483
Posthill, J.B. *see* Smith, D.J. 113288

Posthoff, C. *see* Zeidler, J. 113090
Postigo, P.A. *see* Utzmeier, T. 61293
Postlethwaite, D. Radio days: a look at how fixed radio systems are developing 67956
Postlethwaite, I., Samar, R., Byung-Wook Choi, Da-Wei Gu A digital multi-mode H_∞ controller for the Spey turbofan engine 80578
Postma, E.O., van den Herik, H.J., Hudson, P.T.W. Activity-conserving dynamics for optimisation networks 103702
Postma, H. *see* Penttila, S.I. 120006
Postmus, P.E. *see* Noordegraaf, A.V. 101393
Postnikov, A.A., Chudinov, V.N., Ershov, V.A., Strigin, M.B. Optic-mechanical method of drilling transparent dielectrics 103416
Postnikov, I.I. Thickness-shear vibrations in round variable-thickness piezoelectric crystal plates 64164
Postnov, D.E., Nikitin, A.P., Anishchenko, V.S. Control of the probability flux in a system of phase-controlled frequency self-tuning 82900
Postnova, L.I. *see* Levchenko, V.I. 72816
Postolica, V. Properties of Pareto sets in locally convex spaces 72495
Poston, W.L. *see* Solka, J.L. 103555
Postoyalko, V. *see* Batchelor, A.R. 83359
Postoyalko, V. *see* Boglione, L. 113700
Postoyalko, V. *see* Budimir, D. 104788
Postoyalko, V. *see* Joshi, K.K. 112893
Postulal, A. *see* Svantesson, B. 98407
Postuma, G. *see* Woudsma, R. 93412
Postupalski, P.A. *see* Anisimov, N.A. 87932
Potachitz, V. *see* Razvin, Y. 95862
Potamianos, A., Maragos, P. Speech formant frequency and bandwidth tracking using multiband energy demodulation 76874
Potanina, L.V. *see* Salunin, N.I. 95424
Potapenko, I.I. *see* Kozlenkova, N.I. 95428
Potapenko, I.I. *see* Pantsyrnyi, V.I. 95566
Potapenko, S.Yu. *see* Bespalov, V.I. 92656
Potapov, A.I. *see* Chmill, V.B. 120151
Potapov, A.N. *see* Vyukhina, N.N. 75410
Potapov, B.S. *see* Dyatlov, V.L. 102763
Potapov, E.V. *see* Smirnov, V.K. 105099
Potapov, I.A. *see* Chugunov, A.A. 93004
Potapov, O.P. *see* Volkov, E.P. 102353
Potapov, V.N. *see* Krichevskii, R.E. 66737
Potaturkin, O.I. *see* Borzov, S.M. 77223
Poteau, L. *see* Bocquet, R. 75800
Potechin, J. Test coupons and design profiles – improving communications between design and manufacturing 93992
Potekhin, M. *see* Akesson, T. 69833
Potekhin, N.V. *see* Kolesov, B.I. 81234
Potember, R.S. *see* Yamaguchi, S. 74308
Potempa, A. *see* Fominykh, V.I. 69875
Potemski, M. *see* Buhmann, H. 63550
Potemski, M. *see* Gravier, L. 63077
Potemski, M. *see* Notomi, M. 63041
Potemski, M. *see* Stepniewski, R. 62861
Potemski, M. *see* Weman, H. 62915
Potenza, J.A., Milewski, J.M., Williams, M.E. TBGA: a thin, light, high-performance package 112898
Potenza, J.A. *see* Knadle, K.T. 92244
Potenza, M. Optical fiber amplifiers for telecommunication systems 99567
Potenza, M. *see* Di Vita, P. 99518
Potenziani, E., II *see* Leupold, H.A. 64482
Potes, M.N. The current status of telecommunications in Colombia with a view to the future 67625
Potet, P. Design of thermal imaging systems with MCT-IRFPA. Design rules and performances. Application to Peltier cooled IRFPA camera 69313
Potheau, R. *see* Abbes, M. 90145
Potheau, R. *see* Dentan, M. 90222
Potheau, R. *see* Dentan, M. 95214
Pothecary, N.M., Railton, C.J. A combined electromagnetic and thermal analysis of current sheet hyperthermia applicators 70192
Potiens, A.J., Jr., Campos, L.L. Ultraviolet and laser radiation dosimetry using phototransferred thermoluminescence in $CaSO_4$:Dy 110981
Potier, N., Sindzingre, T., Rabia, S. Fluxless soldering under activated atmosphere at ambient pressure 94057
Potier, T. *see* Tassin, N. 112209
Potkonjak, M. *see* Corazao, M.R. 93218
Potkonjak, M. *see* Lalgudi, K.N. 82879
Potkonjak, M. *see* Srivastava, M. 83150
Potla, S. *see* Suresh, P.R. 95025
Potocek, V., Toulhoat, N. Device-independent and standardless quantitative statement of elemental concentrations in non-thin targets by PIXE 100386
Potocky, R., To Van Ban Confidence regions and the problem of reparametrization in nonlinear regression 92400
Potocnik, V. Integrated restructuring of Croatian energy supply and ship building 70669
Potolea, E. *see* Patrascoiu, S. 111448
Potoradi, D. Voltage transients at the terminals of high voltage asynchronous machines generated by switching operations 102728
Potorti, F. *see* Celandroni, N. 68328
Potorti, F. *see* Celandroni, N. 68329
Potoskuev, S.U. *see* Weinger, A.M. 71744
Potra, F.A. An infeasible-interior-point predictor-corrector algorithm for linear programming 103804
Potrebenikov, Yu.K. *see* Aleev, A.N. 120186
Potson, D., Buchholz, A. A 143-360 Mb/s auto-rate selecting data-retimer chip for serial-digital video signals 73501
Potszch, M., Kruger, N., von der Malsburg, C. Improving object recognition by transforming Gabor filter responses 77246
Pott, A. *see* Arasu, K.T. 72476
Potter, C.N. *see* Fink, R.L. 89322
Potter, C.N. *see* Kumar, N. 89367
Potter, D. Portable PC-based data acquisition–an overview 99880
Potter, D. *see* Calvin, H. 106718
Potter, D. *see* Deis, G. 106719
Potter, D. *see* Thomassen, K. 64565
Potter, F. *see* Zerrouk, B. 98515
Potter, J.M. *see* Carlsten, B.E. 96503
Potter, J.M. *see* Carlsten, B.E. 100467
Potter, J.M. *see* Fairhurst, M.C. 80187
Potter, J.M. *see* Fazio, M.V. 65379
Potter, K. To test is best 82163
Potter, M. The Internet and cyberspace revolution: implications for developing and developed countries 87810
Potter, M.de *see* de Potter, M.
Potter, M.E. *see* Ilyas, Q.S.M. 112918
Potter, M.J., Mitchell, P.J., Adcock, P.L. Current distribution imaging for parametric analysis of a solid polymer fuel cell 112313
Potter, W.D., Robinson, R.W., Miller, J.A., Kochut, K.J., Redys, D.Z. Using the genetic algorithm to find snake-in-the-box codes 60876
Potters, J.A.M., Reijnierse, J.H., Ansing, M. Computing the nucleolus by solving a prolonged simplex algorithm 113094
Pottie, G.J. A highly adaptive high-speed wireless transceiver 68099
Pottie, G.J. An adaptive high speed wireless transceiver for personal communications 88261
Pottie, G.J. *see* Hansen, C.J. 68128
Pottie, G.J. *see* Tang, B. 86114
Pottier, E. On radar full polarimetric target decomposition theorems with application to classification and identification of real target cross section 67392
Pottier, E. *see* Cloude, S.R. 68582
Pottier, F. *see* Walker, A.C. 85336
Potts, D.C. *see* Gagnon, J.J. 60584
Potts, G. *see* Ettinger, G.J. 110704
Potts, M. The EXPLOIT testbed 118583
Potts, M., Tschanz, W. Platform for engineering research and trials 118218
Potts, M. *see* Rao, S. 78300
Potts, S. *see* Ganci, P. 68639
Potty, A.K. *see* Chandran, S. 87002
Potyemin, I.S. *see* Gan, M.A. 64860
Potylitsin, A.P. *see* Nurushev, S.B. 119992
Potylitsyn, E.A. *see* Bondareva, T.I. 75451
Potylitsyn, E.A. *see* Kryazhev, A.S. 75483
Potyraj, P.A., Petrosky, K.J., Hobart, K.D., Kub, F.J., Thompson, P.E. A 230 watt S-band SiGe HBT 83379
Potz, W. Infrared light emission from semiconductor double wells 62837
Potz, W. IR light emission from charge oscillations in semiconductor double wells 105387
Potz, W. *see* Talebian, M.A. 105275
Potzick, J., Nunn, J. International comparison of photomask linewidth standards: United States (NIST) and United Kingdom (NPL) 115056
Potzick, J. *see* Silver, R. 115067
Pou, J. *see* Leon, B. 61365
Poudyal, V., Reith, L.A., Vogel, E.M. Accuracy of optical component reflectance measurements using an OTDR 89527
Pougnet, A.M. *see* Duchemin, S. 72909
Poukey, J.W. *see* Hanson, D.L. 110514
Poukey, J.W. *see* Mazarakis, M.G. 69584
Poukey, J.W. *see* Mazarakis, M.G. 89601
Poukey, J.W. *see* Mazarakis, M.G. 120048
Poukey, J.W. *see* Mehlhorn, T.A. 69637
Poulain D'Andecy, V., Camillerapp, J., Leplumey, I. Music score analysis 86614
Poularikas, A.D. *see* Liu, C.P. 66958
Pouliguen, P., Desclos, L. Study of double reflections by physical optics 65796
Pouliguen, P., Desclos, L. A physical optics approach to near field RCS computations 78961
Poulikakos, D. *see* Waldvogel, J.M. 112880
Poulin, C. Single mode optical fibre CATV system 99777
Pouliot, J., Lirette, A. Verification and correction of setup deviations in tangential breast irradiation using EPID: gain versus workload 110898
Pouliot, L. *see* Shah, S.A. 93688
Pouliot, L. *see* Shah, S.A. 108249
Pouliquen, H. *see* David, A. 121974
Pouliquen, H. *see* Melhem, W. 121666
Pouliquen, H. *see* Rioual, P. 71493
Poullin, D., Lesturgie, M. Multistatic radar using noncooperative transmitters 68680
Poulopoulos, P. *see* Tassis, D.H. 94432
Poulsen, C. *see* Zenth, K. 95724
Poulsen, C.V. *see* Canning, J. 96049
Poulsen, C.V. *see* Hubner, J. 95791
Poulsen, C.V. *see* Moss, D. 75530
Poulsen, C.V. *see* Moss, D. 106823
Poulsen, H.N. *see* Mikkelsen, B. 88637
Poulsen, H.N. *see* Nissov, M. 119135
Poulsen, H.N. *see* Pedersen, R.J.S. 68503
Poulsen, J.K., Kim, W.Y. Measurement of volumetric flow with no angle correction using multiplanar pulsed Doppler ultrasound 70044
Poulsen, M.R. *see* Hubner, J. 95791
Poulter, A. Cryptography and records management 108149
Poulter, E.M. *see* Smith, M.J. 111245
Poulter, M., Brisbin, D. WLR fast tests for characterization of a BiCMOS process and identification of mobile ionic contamination 63971
Poulverel, B. The keypoints of the French organisation for nuclear power plants 102401
Poumarede, C. *see* Verhaege, T. 81171
Pountourakis, I.E. Throughput evaluation of multichannel slotted ALOHA-type protocols with receiver collisions 98425
Pountourakis, L.E. The effect of receiver collisions on throughput performance of multichannel multiaccess protocols 88264
Poupaud, F. *see* Degond, P. 105864
Pour, J.K. *see* Tam, A.C. 115759
Pourarian, F. *see* Konno, K. 75140
Pourarian, F. *see* Lewis, L.H. 64315
Pourarian, F. *see* Yelon, W.B. 115547
Pourboghrat, F., Panahi, I. Induction motor control using TMS320 DSP chips 102684
Pourcelot, D. *see* Karlsson, B. 120376
Pourcelot, L. *see* Karlsson, B. 120376
Pourcelot, L. *see* Nguyen, T.N. 82773
Pourcelot, P. *see* Degueurce, C. 88861
Pourquier, E. *see* Coutures, J.-L. 69308
Pourrahimi, S. *see* Bromberg, L. 95551
Pourrahimi, S. *see* Chaplin, M.R. 106727
Pourrahimi, S. *see* Deis, G. 106719
Pourrahimi, S. *see* Williams, J.E.C. 95531
Pourre, J.L. *see* Tronc, D. 80474
Pourush, P.K.S. *see* Singh, B.S. 76655
Pourzand, A.R. *see* Berger, C. 85227
Pourzand, A.R. *see* Collings, N. 75635
Pourzand, A.R. *see* Duelli, M. 106875
Pous, R. *see* Puente-Baliarda, C. 66114
Pous, R. *see* Rius, J.M. 65790
Poustie, A.J., Manning, R.J., Blow, K.J. All-optical circulating shift register using a semiconductor optical amplifier in a fibre loop mirror 75648
Poustie, A.J. *see* Manning, R.J. 96622
Poustylnik, O.D., Maksiasheva, A.A., Golovchenko, O.P. Super low-noisy cooling amplifier of millimeter range with using the HEMT-transistors 95049
Poutanen, M., Vermeer, M., Makinen, J. The permanent tide in GPS positioning 99411
Poutanen, V.-P. *see* Jarvinen, V.M. 80278
Poutot, D. *see* Adam, W. 69709
Poutous, M.K. *see* Davis, J.A. 98009
Pouvesle, J.M., Cachoncinlle, C., Viladrosa, R., Robert, E., Khacef, A. Compact flash X-ray sources and their applications 101008
Pouvil, P. *see* Ouslimani, A. 73723
Pouwels, H. *see* Snoeij, P. 68664
Pouwels, H. *see* Snoeij, P. 68695
Poux, M. *see* Chemat, F. 62222
Pouzet, J., Hadouda, H., Bernede, J.C., Le Ny, R. MoS_2 thin films obtained by a new technique: solid state reaction between the constituents in thin film form 92788
Poveda, A. *see* Calvente, J. 113742
Poveda, A. *see* Manuel, A. 121740
Poveda, J., Amat, E., Martin, G., Albors, J., Sebastian, V., Guillen, S., Soriano, F., Morenes, L., Mira, J.L., Gurcan, M., Maalof, H., Leros, A.P.L., Theophilopoulos, N.A. ARTIS-7: first results of a hazardous goods transport monitoring system from a field trial 99420
Povey, G. *see* Spillard, C. 78469
Povey, G.J.R., Grant, P.M., Pringle, R.D. A decision-directed spread-spectrum RAKE receiver for fast-fading mobile channels 99227
Povey, G.J.R., Talvitie, J. Doppler compensation and code acquisition techniques for LEO satellite mobile radio communications 88170
Povh, B. *see* Brueckner, W. 120169
Povh, B. *see* Rathmann, F. 119987
Povh, B. *see* Zapfe, K. 120083
Povh, D., Rittiger, J., Kulicke, B., Clodius, D. Advanced stability program for the simulation of HVDC in large power systems 111492
Povh, D., Weinhold, M., Papic, I. Efficient computer simulation of STATCON 111560
Povh, D. *see* Bayer, W. 81007
Povh, D. *see* Clodius, D. 70848
Povh, D. *see* Xianzhang Lei 111561
Povlsen, J.H. *see* Clausen, C.B. 116057
Povolotsky, F.K., Sydorova, T.P. Linear-phase aperture distribution antennas 76545
Povtorejko, A. *see* Calen, H. 120194
Powdrill, T. *see* Eggers, M. 69338
Powe, J.S. *see* Brown, M.R. 70414
Poweleit, C.D., Smith, L.M., Jonker, B.T. Exciton spin- and energy-relaxation in strained and relaxed $Zn_{1-x}Mn_xSe$ epilayers 62717
Poweleit, C.D. *see* Jackson, H.E. 95760
Poweleit, C.D. *see* Jonker, B.T. 74336
Poweleit, C.D. *see* Naghski, D.H. 95707
Powell, A.L. *see* Affane, W. 79322
Powell, A.P. *see* Lange, R. 114672
Powell, A.R. *see* Guarin, F.J. 72807

Powell, C.C., II *see* Lee, E.K.B. 78504
Powell, C.J. *see* Egelhoff, W.F., Jr. 115863
Powell, D. *see* Wong, C.P. 83645
Powell, D.J. *see* Weinhold, M. 62484
Powell, G.P. *see* Ngai, T. 113854
Powell, H.T. *see* Marshall, C.D. 85427
Powell, H.T. *see* Payne, S.A. 85425
Powell, I. Anti-vignetting filter design 116196
Powell, I.A., Perold, W.J. Design of a superconducting DC SQUID linear magnetic flux detector system 119645
Powell, J. *see* Cheung-Wei Lam 97164
Powell, J. *see* Denys, P. 70446
Powell, J.A., Larkin, D.J., Abel, P.B., Zhou, L., Pirouz, P. Effect of tilt angle on the morphology of SiC epitaxial films grown on vicinal (0001)SiC substrates 103976
Powell, J.D. *see* Barrows, A.K. 120606
Powell, J.D. *see* Cohen, C.E. 70392
Powell, J.D. *see* Cohen, C.E. 79077
Powell, J.D. *see* Gazit, R.Y. 70427
Powell, J.D. *see* Lawrence, D. 68772
Powell, J.D. *see* Ping-Ya Ko 80582
Powell, J.R., Danby, G.T. Maglev vehicles–raising transportation advances of the ground 122020
Powell, J.R., Porch, A., Wellhofer, F., Darlington, C.N., Lancaster, M.J., Bollmeier, T., Stritzker, B. Laser ablated ferroelectric and superconducting thin films for microwave applications 62165
Powell, K.A. *see* Pohlman, S. 110728
Powell, M.J. *see* Graeff, C.F.O. 94996
Powell, P. *see* Eardley, A. 72160
Powell, R.C. *see* Zhou, T.X. 112337
Powell, R.J. *see* Neat, R.J. 112221
Powell, T. *see* Dehkordi, P. 61964
Powell, T.J. Consistently dominant fault model for tristate buffer nets 104494
Powell, W.B. *see* Frantzeskakis, L.F. 82452
Powell, W.H. Developments and prospects for cable modems 68901
Powell, W.H. *see* Eran, Y. 67951
Powell, W.H. *see* Nche, C.F. 108924
Powelson, J.C. *see* Feuerstein, R.J. 64783
Powelson, J.C. *see* Lin, S. 106829
Powen Ilsu *see* Cheng-Geng Jan 93654
Power, A., Shuttleworth, R., Tain, X. Simulation study of a new 240 MVA fast response tapchanger scheme 112032
Power, J., Simpson, J., Chojnacki, E., Konecny, R. Witness gun for the Argonne Wakefield Accelerator 90089
Power, J. *see* Barov, N. 89644
Power, J. *see* Johnson, K.F. 89732
Power, J. *see* Schoessow, P. 89708
Power, J.A. *see* Welten, M. 84552
Power, J.F. Sensitive interferometric video thermal wave imager 79566
Power, J.F. *see* Russell, S.J. 100574
Powers, E.J. *see* Changsoo Eun 78347
Powers, E.J. *see* Sungbin Im 108310
Powers, J.P. *see* Pace, P.E. 120607
Powers, M.A., Motko, R.B. Indian-point-3 cycles 8 and 9 estimated critical position, startup physics test, INCORE flux map benchmark 81276
Powers, M.J. *see* Bozeman, S.P. 83720
Powers, P.E., Taatjes, C.A., Kulp, T.J. Two-tone frequency modulation spectroscopy from laser light scattered off a hard target 110431
Powers, P.S., Chiarle, M., Savage, W.Z. A digital photogrammetric method for measuring horizontal surficial movements on the Slumgullion earthflow, Hinsdale County, Colorado 80600
Powers, R.C. Arrow's theorem for closed weak hierarchies 72482
Powers, T., Kneisel, P., Allen, R. Arcing phenomena on CEBAF RF-windows at cryogenic temperatures 100499
Powers, T. *see* Reece, C. 100418
Powner, E.T. *see* Kutlu, A. 77753
Powner, E.T. *see* Yalcinkaya, F. 63976
Poyard, S., Jaffrezic-Renault, N., Martelet, C., Cosnier, S., Labbe, P., Besombes, J.L. A new method for the controlled immobilization of enzyme in inorganic gels (laponite) for amperometric glucose biosensing 119748
Poyatos, J.F. *see* Zoller, P. 116158
Poyner, J.R., Simon, M. Integration of DFE tools with product development 60740
Poyner, J.R., Simon, M. The continuing integration of the ecodesign tool with product development 72377
Pozar, D.M. A practical guide to microstrip antenna design 76638
Pozar, D.M. *see* Targonski, S.D. 117032
Pozas Cardenas, M.J. *see* Lopez Callejas, R. 99845
Pozdnyakov, M.M. *see* Tsvetkov, L.I. 68784
Pozdnyakov, V.I. *see* Malykin, G.B. 64650
Pozela, J., Juciene, V., Pozela, K. Enhancement of electron mobility in 2D MODFET structures 63799
Pozela, J., Juciene, V., Pozela, K. The enhancement of electron mobility in HEMT channels 115241
Pozela, K. *see* Pozela, J. 63799
Pozela, K. *see* Pozela, J. 115241
Pozharnov, V.A. *see* Pantskhava, E.S. 102421
Pozhidaev, E. *see* Andreev, A. 75610
Pozhidaev, E. *see* Smirnov, A. 85127
Pozhidaev, E.P. *see* Smorgon, S.L. 106882
Pozhidaev, E.P. *see* Zyryanov, V.Ya. 89414
Pozhinskaya, I.I. Synthesis of super resolution optical systems with kinoforms 116167
Pozidis, H., Petropulu, A.P. Cross-correlation based multichannel blind equalization 117929
Pozun, K., Paradiz, B., Leskovsek, J. Influence of deposition angle of upper electrode on response time of relative-humidity sensors 99923
Pozun, K. *see* Belic, L.I. 89054
Pozzat, G. *see* De Wolf, I. 115320
Pozzi, F. *see* Schosser, A. 68368
Pozzi, G. *see* Matteucci, G. 74085
Pozzi, S., Tancredi, A., Tisato, F. An integrated environment for distance education supporting multiple interaction styles 112793
Pozzo, A., Boffito, C., Mazza, F. Experience with the use of a turbomolecular pump combined with a NEG pump in UHV conditions 94166
Pozzobon, P. Modelling nonlinear impedances in electric rail traction systems 112527
Pozzobon, P. *see* Brillante, S. 81970
Pozzobon, P. *see* Hill, R.J. 91911
Pozzobon, P. *see* Marchesoni, M. 91907
Pozzoni, M. *see* Rossi, D. 73093
Praamstra, P., Stegeman, D.F., Horstink, M.W.I.M., Cools, A.R. Dipole source analysis suggests selective modulation of the supplementary motor area contribution to the readiness potential 101363
Prabala, A. Digital output cameras enhance image processing applications 68912
Prabala, A. Digital output cameras enhance image processing applications 79178
Prabhakar, A., Stancil, D.D. Effects of high microwave power on collinear magnetostatic-optical wave interactions 64831
Prabhakar, B. *see* McKeown, N. 87306
Prabhakar, B.R. *see* Jayaraju, M. 81165
Prabhakar, D. *see* Srikanth, T. 70148
Prabhakar, R. DCT scaling enables universal MPEG decoder 98175
Prabhakar, R.N. Self-assessment program at Palo Verde nuclear station 81223
Prabhakar, S. *see* Teytelman, D. 100523
Prabhakar, V., Broiek, T., Chan, Y.D., Viswanathan, C.R. Measurement of interface states in the LDD region of a MOS transistor using a modified charge pumping technique 115195
Prabhakar, V., Brozek, T., Li, X., Chan, Y.D., Viswanathan, C.R. Plasma damage study using fully processed MOS transistors 74733
Prabhakar, V. *see* Brozek, T. 105989
Prabhakar Rao, T. *see* Mondal, P.K. 120326
Prabhakaran, K., Ogino, T. Behavior of ultrathin layers of Co on Si and Ge systems 105465
Prabhakaran, N. *see* Penagos, J.D. 108453
Prabhakaran, V. *see* Sookyung Kim 115750
Prabhananda, B.S. *see* Braganza, O.P. 88914
Prabhu, A. *see* Basco, R. 62284
Prabhu, A. *see* Maly, K. 109249
Prabhu, A.N. *see* Kumar, A.H. 92269
Prabhu, C. *see* Murthy, S.S. 111979
Prabhu, K.M.M., Anupindi, N., Shanmuga Sundaram, R. Generalized pruning at the input of radix-2 DIF FHT algorithm 97845
Prabhu, K.M.M., Shanmuga Sundaram, R. Fast Hartley transform implementation on DSP chips 93492
Prabhu, K.M.M., Shanmuga Sundaram, R. Some results on fixed-point error analysis of Wigner-Ville distribution 97848
Prabhu, K.M.M. *see* Chandran, S.K. 97673
Prabhu, M.M., Raghavan, S.V. Security in computer networks and distributed systems 98634
Prabhu, N. *see* Lassez, J.L. 82467
Prabhu, N. *see* Morin, T.L. 82470
Prabhu, S.S., Vengurlekar, A.S. Hot carrier energy loss rates in II-VI and III-V ternary alloy semiconductors obtained with and without hot phonon effects 114615
Prabhu, V. *see* Khare, R.P. 119710
Prabhu, V.V. *see* Duffie, N.A. 87693
Prabu, S.V., Mascomani, R., Balakrishnan, K., Konnur, M.S. Effects of upstream pipe fittings on the performance of orifice and conical flowmeters 99961
Pracek, B., Mozetic, M., Drobnic, M. AES characterization and analytical description of potassium migration in microchannel plates multilayers 89170
Pracek, B. *see* Koller, L. 83570
Prachownik, A.W. *see* Kalinchik, W.P. 71933
Prack, E. *see* Pyle, R.E. 95199
Pracka, I. *see* Kaczmarek, S. 107179
Prada, R.B., Pessanha, J.E.O. Synchronous machine transient stability analysis considering pre-fault voltage unstable operating points 101898
Pradeep, Y.R., Chand, S., Goswami, I. Issues in semiconductor manufacturing—ultra high purity (UHP) water 82157
Pradeep, Y.R. *see* Datta, D. 106009
Pradeep, Y.R. *see* Goswami, I. 82156
Pradeep Haldar *see* Hawsey, R.A. 115907
Pradell, L. *see* O'Callaghan, J.M. 104809
Pradhan, D.K., Krishna, P., Vaidya, N.H. Recoverable mobile environment: design and trade-off analysis 98666
Pradhan, D.K. *see* Chakradhar, S.T. 61863
Pradhan, D.K. *see* Dolev, S. 87664
Pradhan, D.K. *see* Krishna, P. 87663
Pradhan, J., Sastry, C.V. A new version of Hu-Tucker algorithm 66556
Pradhan, K.C., Pradhan, P., Gupta, H.O., Sharma, J.D. An algorithm for the computer aided transient analysis of large electronic circuits 104276
Pradhan, N., Narayana Dutt, D. An analysis of dimensional complexity of brain electrical activity during meditation 110847
Pradhan, N., Narayana Dutt, D., Sadasivan, P.K., Ramesh, R.G. Estimation of attractor dimension of EEG using singular value decomposition 70118
Pradhan, N., Sadasivan, P.K. The nature of dominant Lyapunov exponent and attractor dimension curves of EEG in sleep 110840
Pradhan, N., Sadasivan, P.K., Arunodaya, G.R. Detection of seizure activity in EEG by an artificial neural network: a preliminary study 110849
Pradhan, N. *see* Kavitha, V. 120449
Pradhan, P. *see* Pradhan, K.C. 104276
Pradhan, S., Modi, V.J., Misra, A.K. Control of tethered satellite systems using thruster and offset strategies 80538
Pradhan, S., Saxena, Y.C. Superconducting CICC for SST-1 tokamak magnets 106709
Pradhan, S.S. *see* Anvekar, D.K. 68172
Pradhan, S.S. *see* Anvekar, D.K. 99258
Prado, R.N.Do *see* Do Prado, R.N.
Praefcke, W. *see* Illgner, E. 66992
Praefcke, W. *see* Muller, F. 67016
Praeg, A.R., Glinz, A., Balmer, J.E., Li, Y., Fill, E.E. Prepulse dependence of J=0-1 lasing at 32.6 nm in neon-like titanium 116305
Praeger, C.E. *see* Pascasio, A.A. 72478
Prag, A.R., Glinz, A., Balmer, J.E., Yuelin Li, Fill, E.E. Sensitivity of 3p-3s soft-X-ray lasing in neon-like titanium to the prepulse level 65020
Prager, M. *see* Breskin, A. 94209
Prager, R.W. *see* Harpur, G.F. 77243
Prager, S.C. *see* Ji, H. 71346
Prahl, S.A. *see* HanQun Shangguan 101079
Prahlad, M., Xuan Kong, Kaufman, B., Rog, A. Characterization of changes in evoked potentials with applications to detection of possible impact acceleration injury 70152
Prahlad Rao, N., Rao, M.N., Rambabu, T.V.S., Managoli, H.Y., Vinod, S.C., Singhal, Y.K., Katti, V.R. Common mode coupling in INSAT-2: a case history 78582
Prahlada Rao, B.B., Hansdah, R.C. A parallel evolutionary programming-based channel router 95130
Prairie, M.W. *see* Meyer, J.R. 65259
Prajapati, K., Greenough, R.D., Wharton, A., Stewart, M., Gee, M.G. Effect of cyclic stress on Terfenol-D 115560
Prakasa Rao, B.L.S. Nonparametric estimation of the derivatives of a density by the method of wavelets 82372
Prakash, A. *see* Datta, P. 104000
Prakash, A. *see* Mathur, A.G. 98670
Prakash, B.N. *see* Dinesh, R.L. 76467
Prakash, C.V.S. *see* Bhatt, H.S. 98332
Prakash, K.S. *see* Singhal, A. 111579
Prakash, N.S. *see* Afif, M. 94183
Prakash, O. *see* Singh, S. 83787
Prakash, R., Singhal, M. Modeling and analysis of channel transferability in mobile computing environments 87745
Prakash, R. *see* Baldoni, R. 98880
Prakash, R. *see* Baldoni, R. 118078
Prakash, S., Asokan, S., Ghare, D.B. Easily reversible memory switching in Ge-As-Te glasses 94420
Prakash, S.G. *see* Devi, S. 64896
Prakash, V. *see* Iannuzzelli, R.J. 82179
Prakasha *see* Vhasure, S. 112474
Pramadihanto, D. *see* Wu, H. 117906
Pramanick, P. *see* Mohammadi, A. 65928
Pramanick, P. *see* Wells, G. 65929
Pramanick, S., Brown, D.D., Pham, V., Besser, P., Sanchez, J., Bui, N., Yue, J.T. Dependence of electromigration failure modes on EM-induced and thermally induced mechanical stress in interconnect lines 115009
Pramanik, D. *see* Chun Jiang 84582
Pramanik, S.K. *see* Bech, S. 110291
Pramayon, P. *see* Davriu, A. 91095
Pranal, Y. *see* Guimbal, P. 96547
Prance, H. *see* Diggins, J. 106684
Prance, H. *see* Prance, R.J. 106683
Prance, H. *see* Ralph, J.F. 113717
Prance, R.J., Whiteman, R., Prance, H., Clark, T.D., Diggins, J., Ralph, J.F., Spiller, T.P., Clippingdale, A., Widom, A., Srivastava, Y. SQUID rings as macroscopic quantum objects: the quantum-classical interface 106683
Prance, R.J. *see* Diggins, J. 106684
Prance, R.J. *see* Ralph, J.F. 113717
Prandit, S.M., Jordache, N., Joshi, G.A. Computer rigid disk surface assessment with laser interferometry using DDS 110359
Pranevicius, H., Samoilenko, S.I., Sintonen, L., Moscinskis, P. An aggregative approach to the modeling of access methods in local area networks 98709
Prange, R.D., Shenoy, R.G. A fast Gaussian beam description of ultrasonic fields based on Prony's method 101594
Prange, S.J. *see* Rick, A. 109276
Prange, S.J. *see* Weber, W. 106224
Prapinmongkolkarn, P. *see* Lekkla, R. 78607
Prasad, A. *see* Walukiewicz, W. 114639

Prasad, A.R. Asynchronous transfer mode based mobile broadband system 78481
Prasad, A.R., Stavrov, B., Schoute, F.C. Generation and testing of self-similar traffic in ATM networks 98377
Prasad, B. *see* Rao, M.P.S. 75668
Prasad, C. *see* Wong, K.H. 62516
Prasad, D. *see* Ba-Thunya, A.S. 112089
Prasad, G., Swidenbank, E., Hogg, B.W. A plant performance monitoring and optimization system 91330
Prasad, G.Durga *see* Durga Prasad, G.
Prasad, G.Surya *see* Surya Prasad, G.
Prasad, K. *see* Rathore, S.R. 71169
Prasad, K.A.D. *see* Suryanarayana, T. 121430
Prasad, K.R., Balagi, V. Uranium-233 fission detectors for neutron flux measurement in reactors 90130
Prasad, K.V. Visual passwords: spatiotemporal cues for speaker recognition 86140
Prasad, K.V. Evolution of data networks 118486
Prasad, K.V., Darnell, M. A DSP based complementary sequence set data modem 88001
Prasad, K.Y. Realization of microwave circuit, components & antennas using new transmission medium of conducting liquids such as mercury & salt solution 73683
Prasad, M.R. *see* Ravikumar, C.P. 93084
Prasad, M.V.S.N. *see* Dabas, R.S. 85869
Prasad, M.V.S.N. *see* Sarma, A.D. 65849
Prasad, M.V.V. *see* Rao, P.M. 76641
Prasad, N. *see* Clark, N. 120336
Prasad, N.N.S.S.R.K. *see* Kulkarni, S.Y. 73853
Prasad, N.R., Nijhof, J. Slotted ALOHA and unslotted non-persistent ISMA for indoor pico cellular communication 78477
Prasad, N.R. *see* Prasad, N.S. 116432
Prasad, N.S., Clark, N. Liquid crystal television (LCTV) as an angle tuning means for phasematching in three wave mixing devices 76121
Prasad, N.S., Doyle, S.M., Giles, M.K. Collimation and beam alignment: testing and estimation using liquid-crystal televisions 119902
Prasad, N.S., Geiger, A.R. Remote sensing of propane and methane by means of a differential absorption lidar by topographic reflection 80674
Prasad, N.S., Prasad, N.R. Fuzzy logic based cooling scheme for laser materials 116432
Prasad, N.S. *see* Clark, N. 75608
Prasad, N.V.S.V. *see* Kataria, D.O. 69846
Prasad, P., Orczyk, M.E., Zieba, J. Polymeric composite materials for nonlinear optics and photonics 84933
Prasad, P.Kalee *see* Kalee Prasad, P.
Prasad, P.N. Molecular and polymeric materials for third-order nonlinear optics 76230
Prasad, P.N. *see* Gvishi, R. 65063
Prasad, P.N. *see* He, G.S. 65057
Prasad, P.N. *see* He, G.S. 75851
Prasad, P.N. *see* Orczyk, M.E. 76288
Prasad, P.N. *see* Zhao, C.F. 96126
Prasad, R. Technology driven component package trends 72281
Prasad, R. Research challenges in future wireless personal communications: microwave perspectives 99332
Prasad, R., Cakmak, F., Rooimans, R.G.A. Throughput and delay analysis of hybrid DS/SFH CDMA using a measured delay profile in a pico cellular PCN 78514
Prasad, R., Jansen, M.G. Performance analysis of a DS CDMA system using measured delay profiles in an indoor environment 88321
Prasad, R., Nijhof, J.A.M., Cakil, H.I. Hybrid TDMA/CDMA multiple access protocol for multimedia communications 98464
Prasad, R., Shenoy, S.R. Staebler-Wronski effect in hydrogenated amorphous silicon 95947
Prasad, R., Van Roosmalen, H.R.R., Nijhof, J.A.M. A novel HYBRID CDMA/ISMA protocol for indoor wireless computer communications 108866
Prasad, R. *see* Bornkamp, B. 68263
Prasad, R. *see* Fatah, O. 78476
Prasad, R. *see* Hara, S. 108814
Prasad, R. *see* Harmsze, F. 67851
Prasad, R. *see* Huy Linh Anh Le 78028
Prasad, R. *see* Janssen, G.J.M. 119053
Prasad, R. *see* Nikookar, H. 68072
Prasad, R. *see* Nikookar, H. 88121
Prasad, R. *see* Nolting, E. 69899
Prasad, R. *see* Sparreboom, D. 77995
Prasad, R. *see* t'Hart, B.W. 99175
Prasad, R. *see* van der Wijk, F. 88363
Prasad, R. *see* W.'t Hart, B. 119025
Prasad, R. *see* Bhargava, V.K. *(editor)* 92040
Prasad, R.R.N. Overload traffic management of E-10B switching system 68014
Prasad, S.C. *see* Krol, A. 90484
Prasad, S.J. Precise extraction of contact resistivity from TLM structures 83515
Prasad, S.N., Li, Z.M. Optimal design of low crosstalk, wideband, bidirectional distributed amplifiers 83401
Prasad, S.N., Pal, S., Basu, S.G. Satellite tracking systems 70302
Prasad, S.N., Ponnala, S., Moghe, S., Li, Z.M. Cascaded-transistor cell distributed amplifiers 73790
Prasad, U.R. *see* Srinivasan, B. 81425
Prasad, V. *see* Anselmo, A. 82578
Prasad, V. *see* Dutta, P.S. 105160
Prasad, V. *see* Si, W. 105148
Prasad, V. *see* Zou, Y.F. 92677
Prasad, V.S.V. Protection engineering for human safety 77804
Prasad, V.V.S.Maruthy *see* Maruthy Prasad, V.V.S.
Prasad, Y.S.R. Tariff structure in the power industry. A case for restructuring it to generate additional funds for capacity additions 111507
Prasad, Y.S.R. Nuclear power–the inevitable option for future energy needs 111734
Prasad Rao, K.S.V.S.N., Pal, B.B., Khan, R.U. Noise characteristics of a superlattice avalanche region IMPATT diode 93779
Prasanna, V.K., Wang, C.-L. Image feature extraction on Connection Machine CM-5 77144
Prasanna, V.K. *see* Wenheng Liu 87419
Prasannan, B., Luh, P.B., Yan, H., Palmberg, J.A., Zhang, L. Optimization-based sale transactions and hydrothermal scheduling 70788
Prasannan, B. *see* Xiaohong Guan 70793
Praseeth, K.S. *see* Khanduri, A. 99281
Praseuth, J.P. *see* Sylvestre, A. 84469
Praseuth, J.P. *see* Sylvestre, A. 84477
Praseuth, J.P. *see* Temmar, A. 106963
Prasitskiy, V.V. Method of determining the discharge current density at a cold cathode surface 73930
Praslicka, D. *see* Blazek, J. 110114
Prasolov, V.O. *see* Baklanov, A.I. 100097
Prasse, T. *see* Babucke, H. 75581
Prastitis, L.A., Himonas, S.D. A CFAR detector using a data discrimination algorithm 109721
Prasuhn, D. *see* Albers, D. 69756
Prasuhn, D. *see* Bechstedt, U. 100747
Prasuhn, D. *see* Brauksiepe, S. 100815
Prata, A.T. *see* Freitas, D.S. 102157
Pratapneni, S., Chou, T.-Y., Chakrabarti, P. Noise and sensitivity analysis of differential PECL in high performance packages 82248
Pratapneni, S.N., Jong, J.-M., Tripathi, V. Modeling and simulation of simultaneous switching output drivers for ASIC design 82929
Prater, J.T. *see* Wolden, C.A. 113463
Pratesi, M. *see* Ruggieri, M. 118967
Pratesi, R., Croce, A.C., Balzarini, P., Bottiroli, G., Baglioni, P., Lo Nostro, P., Monici, M. A new approach for selective targeting in photodynamic therapy 101429
Prather, D.W., Mirotznik, M.S., Mait, J.N. Design of subwavelength diffractive optical elements using a hybrid finite element-boundary element method 95914
Prather, D.W. *see* Mirotznik, M.S. 95913
Prather, D.W. *see* Pusarla, C. 85346
Prati, C. *see* Gatelli, F. 120903
Prati, C. *see* Guarnieri, A.M. 90757
Prati, F. *see* Martin-Regalado, J. 96338
Pratisto, H., Frenz, M., Ith, M., Altermatt, H.J., Jansen, E.D., Weber, H.P. Combination of fiber-guided pulsed erbium and holmium laser radiation for tissue ablation under water 101412
Prato, M. *see* Bozio, R. 107541
Pratt, A.R., Williams, R.L., Norman, C.E., Fahy, M.R., Marinopoulou, A., Chatenoud, F. Control of indium migration on patterned substrates for optoelectronic device applications 62914
Pratt, D.J. *see* Barnes, J.W.R. 78027
Pratt, H., Bleich, N., Martin, W.H. Short latency visual evoked potentials to flashes from light-emitting diodes 70145
Pratt, H.M. *see* Langlotz, C.P. 111011
Pratt, J.M.K. *see* Dean, P. 111905
Pratt, J.M.K. *see* Downes, D. 71315
Pratt, R.E., Orbaker, M.P. Strategies for eliminating solder microball formation during no-clean assembly 94072
Pratt, W. *see* Fikes, R. 118400
Pratt, W.H. IF amplifiers and quadrature demodulators for digital communication receivers 78433
Pratt, W.J. A highly integrated receiver for spread spectrum applications 99056
Prause, G.P.M., Onnasch, D.G.W. Binary reconstruction of the heart chambers from biplane angiographic image sequences 101195
Pravda, V.I. *see* Omel'yanenko, M.Y. 79132
Pravdenko, K. *see* Kamensky, V. 120511
Pravdin, V.L. *see* Zuev, V.V. 120774
Pravdin, V.L. *see* Zuev, V.V. 120775
Pravdivtsev, P. *see* Faifer, V. 62671
Pravikoff, M. *see* Schmidt, K.H. 69627
Pravossoudovitch, S. *see* Cavallera, P. 73217
Pravossoudovitch, S. *see* Cremoux, S. 104426
Prawer, S. *see* Gonon, P. 114563
Prawer, S. *see* Weiser, P.S. 72828
Prazeres, R., Berset, J.M., Glotin, F., Jaroszynski, D., Marcouille, O., Ortega, J.M. New results of the CLIO infrared FEL using a new undulator and hole coupling extraction 96468
Prazeres, R. *see* Glotin, F. 107383
Prazeres, R. *see* Glotin, F. 116796
Prazeres, R. *see* Jaroszynski, D.A. 96565
Prazeres, R. *see* Jaroszynski, D.A. 107399
Prazeres, R. *see* Ortega, J.M. 107394
Preble, J. *see* Reece, C. 100418
Prebys, E. *see* Aronstein, D. 69717
Prebys, E. *see* Kichimi, H. 69718
Prebys, E. *see* Lu, C. 69716
Prebys, E.J. *see* Lu, C. 69720
Prechtel, U. *see* Kapser, K. 69175
Preckel, H. *see* Parlitz, U. 66539
Preda, C. *see* Oncica, D. 102065
Predehl, P. *see* Brauninger, H. 90702
Predescu, M. *see* Syrbu, A. 65207
Predescu, M. *see* Syrbu, A.V. 76041
Predmore, C.R. Present and future array spectrometers for millimeter astronomy 68810
Predoi, A., Lees, R.M., Li-Hong Xu Far infrared laser assignments and predictions for CO-stretching and CH_3-rocking states of optically pumped $^{13}CH_3OH$ 65025
Predrazzani, A. *see* Park, N. 88564
Predtechenskii, M.R. *see* Khrebtov, I.A. 119669
Pree, K. *see* Heizinger, J. 91323
Pree, K. *see* Heizinger, J. 102481
Preece, J.A. *see* Gomez-Lopez, M. 114453
Preece, P.E. *see* Stamatakis, E.A. 80330
Preetham Kumar, B. *see* Branner, G.R. 93708
Preez, H.du *see* du Preez, H.
Pregardier, B., Langmann, U., Hillery, W.J. A 1.2-GS/s 8-b silicon bipolar track & hold IC 104722
Pregelj, A. *see* Grasic, I. 100788
Pregenzer, M. *see* Pfurtscheller, G. 70164
Preger, M. *see* Girolami, B. 110887
Pregla, R. *see* Haes, J. 76540
Pregla, R. *see* Helfert, S.F. 116977
Pregla, R. *see* Vietzorreck, L. 83490
Pregla, R. *see* Vietzorreck, L. 114246
Pregla, R. *see* Wei Dong Yang 64753
Preininger, C., Wolfbeis, O.S. Disposable cuvette test with integrated sensor layer for enzymatic determination of heavy metals 110238
Preis, K., Bardi, I., Biro, O., Hoschek, R., Mayr, M., Ticar, I. A virtual electromagnetic laboratory for the classroom and the WWW 103326
Preis, K., Bardi, I., Biro, O., Richter, K.R., Papp, K., Reisinger, H. Nonlinear periodic eddy currents in single and multiconductor systems 65691
Preis, K. *see* Alotto, P. 64571
Preis, K. *see* Biro, O. 65670
Preis, K. *see* Biro, O. 107778
Preis, K. *see* Groiss, S. 62190
Preis, K. *see* Groiss, S. 93748
Preis, T.R. *see* Pemberton, J.B. 92062
Preiser, M. *see* Pier, J.R. 91846
Preiss, B. *see* Fiedler, S. 90890
Preissl, H. *see* Wright, J.J. 101391
Preist, T.W. *see* Harris, J.B. 85136
Preist, T.W. *see* Harris, J.B. 116846
Prelas, M.A. *see* Arkhipov, I.I. 62684
Prelas, M.A. *see* Popovici, G. 84090
Prelas, M.A. *see* Popovici, G. 105116
Prelec, K. *see* Beebe, E. 90094
Prelov, V.V. *see* Bassalygo, L.A. 117123
Prelov, V.V. *see* Pinsker, M.S. 76940
Premaratne, K., Kulasekere, E.C., Bauer, P.H., Leclerc, L.-J. An exhaustive search algorithm for checking limit cycle behavior of digital filters 117311
Premaratne, K. *see* Bauer, P.H. 86198
Premaratne, K. *see* Ekanayake, M.M. 114127
Premaratne, K. *see* Kulasekere, E.C. 117385
Premaratne, M. *see* Lowery, A.J. 99529
Premkumar, A.B. *see* Alvarez, A.M. 97764
Premkumar, M.K., Sawtell, R.R. Al-SiC technology for reliable and thermally demanding microelectronic packages: manufacturing, applications and finishing 82220
Premont, G., Lalanne, P., Chavel, P., Kujik, M., Heremans, P. Generation of sigmoid probability functions by clipped differential speckle detection 108492
Premvuti, S., Jing Wang Relative position localizing system for multiple autonomous mobile robots in distributed robotic system: system design and simulation 100319
Premvuti, S., Jing Wang A medium access protocol (CSMA/CD-W) supporting wireless inter-robot communication in distributed robotic systems 108810
Premvuti, S. *see* Jing Wang 118338
Preneel, B., van Oorschot, P.C. On the security of two MAC algorithms 76818
Preneel, B., Van Oorschot, P.C. Key recovery attack on ANSI X9.19 retail MAC 97539
Preneel, B. *see* Dobbertin, H. 66505
Preneel, B. *see* Rijmen, V. 66508
Prengel, F. *see* Schwarz, G. 94491
Prenger, R.M. *see* Kazimierczuk, M.K. 102872
Prenninger, J. *see* Gander, H. 93431
Preobrazhenskii, M.N., Repin, V.N., Kozlov, V.A., Kostina, L.S. Acoustic images of inner layers in semiconductor structures obtained at high frequencies 90846
Preotescu, D. Aspects of using the topological methods of the Petri network type for analyzing the high voltage electric networks 101680
Preotescu, D. *see* Albert, H. 71931
Prepost, R. *see* Maruyama, T. 114504
Presby, H.M. *see* Dhar, L. 85060
Presby, H.M. *see* Narayanan, C. 85001
Presby, H.M. *see* Zirngibl, M. 78935
Prescher, K. *see* Nick, W. 103040
Prescott, C.Y. Review of the SLAC and Les Houches workshops 120116
Prescott, G. *see* Krishnan, M. 97619
Prescott, G. *see* Saez, P. 90076
Prescott, J.E. *see* Gibbons, P.T. 72182
Presia, M., Heider, T., Schleicher, L., Nutsch, G. Diamond synthesis by thermal plasma chemical vapour deposition (TP-CVD) 61424

Presilla, C., Sjostrand, J. Transport properties in resonant tunneling heterostructures 114742
Pressas, S. *see* Papadopoulos, C. 71501
Prest, M. *see* Alvsvaag, S.J. 90124
Prest, M. *see* Arfelli, F. 90367
Prest, M. *see* Arfelli, F. 90432
Prest, M. *see* Arfelli, F. 110579
Prestemon, S., Gilmore, P., Gao, B.J., Bird, M.D. Design optimization of multi-coil resistive magnets 96988
Presti, F.L., Zhi-Li Zhang, Towsley, D. Bounds, approximations and applications for a two-queue GPS system 87403
Presti, L.Lo *see* Lo Presti, L.
Presti, M.Lo *see* Lo Presti, M.
Presti, S.Lo *see* Lo Presti, S.
Prestigiacomo, F. *see* Brasca, C.L. 91372
Presting, H., Zinke, T., Splett, A., Kibbel, H., Jaros, M. Room temperature electroluminescence of $Si/Ge/Si_{1-x}Ge_x$ single quantum well diodes grown by MBE 64975
Presting, H., Zinke, T., Splett, A., Kibbel, H., Jaros, M. Room-temperature electroluminescence from $Si/Ge/Si_{1-x}Ge_x$ quantum-well diodes grown by molecular-beam epitaxy 116267
Presting, H. *see* Engvall, J. 114783
Presting, H. *see* Ghosh, S. 62912
Presting, H. *see* Tang, Y.S. 62922
Presting, H. *see* Tang, Y.S. 63001
Preston, E.G., Grady, W.M., Baughman, M.L. A new planning model for assessing the effects of transmission capacity constraints on the reliability of generation supply for large nonequivalenced electric networks 121075
Preston, G. *see* Weber, E. 102001
Preston, G.J., Shields, D.N., Daley, S. Intelligent and robust fault detection using a nonlinear observer approach, with applications to a hydraulic system 99834
Preston, I. *see* Baker, A.E. 65896
Preston, J. *see* Cheng, L.P. 70912
Preston, M.E. *see* King, P.D. 91701
Preston, R.P. *see* Gronowski, P.E. 73468
Preston, T.W. *see* Sitzia, A.M. 65897
Prete, P., Cingolani, R., Lomascolo, M., Peluso, T., Vanzetti, L., Sorba, L., Franciosi, A. Comparison between optical and structural properties of ZnSe/GaAs(001) heterostructures grown by MBE under different beam pressure ratios 62828
Prete, P. *see* Leo, G. 74180
Prete, T.Del *see* Del Prete, T.
Prete, T.W. *see* Bell, R.C. 111791
Preteux, F. *see* Lefevre, M. 82820
Preteux, F. *see* Mozelle, G. 77362
Preteux, F. *see* Payot, E. 70061
Preteux, F. *see* Sequeira, R.E. 77361
Pretolani, F. *see* Alippi, C. 110026
Pretorius, J. *see* Scherman, C.J. 102094
Pretorius, J.H.C. *see* Truter, N. 102864
Pretorius, P.H., Baholo, M.S., Britten, A.C. Interior magnetic fields associated with driving an electric vehicle: a case study 103125
Pretorius, P.H., Britten, A.C., Reynders, J.P. An active and systematic approach to achieve electromagnetic compatibility (EMC) throughout a large electric power system 101843
Pretorius, P.H., Cilliers, P.J. Electromagnetic interference in clinical environments: effect on biomedical equipment and devices 110641
Pretorius, P.H., King, M.A., Glick, S.J., Pan, T.-S., Luo, D.-S. Reducing the effect of non-stationary resolution on activity quantitation with the frequency distance relationship in SPECT 101181
Pretorius, P.H. *see* Arata, L.K. 90448
Pretre, P., Kaatz, P., Meier, U., Gunter, P., Zysset, B., Ahlheim, M., Stahelin, M., Lehr, F. Modified polyimide polymers for electro-optic applications 75596
Pretre, P. *see* Hill, R.A. 64604
Pretre, P. *see* Yankelevich, D.R. 119908
Pretre, Ph. *see* Kaatz, P.G. 85649
Pretre, Ph. *see* Weder, Ch. 85650
Prettl, W. *see* Eberle, W. 74128
Prettl, W. *see* Ganichev, S.D. 62679
Prettl, W. *see* Huber, W.M. 79396
Pretzler, G. *see* Li, Y.L. 116306
Pretzler, G. *see* Yuelin Li 65016
Preu, G. *see* Ivers-Tiffee, E. 81852
Preucil, L. *see* Stepan, P. 119877
Preud'homme, F. *see* Slater, T. 84650
Preuninger, F. *see* Okandan, M. 94967
Preuss, W. *see* Malinowski, J. 92334
Preuss, W. *see* Malinowski, J. 92337
Preussger, A. *see* Papp, A. 60585
Prevedelli, M., Cancio, P., Guisfredi, G., Pavone, F.S., Inguscio, M. Frequency control of DBR diode lasers at 1.08 micrometer and precision spectroscopy of helium 65472
Previtali, B. *see* Vinet, F. 84269
Previtali, B. *see* Vinet, F. 105761
Previtali, E. *see* Alessandrello, A. 80100
Previtali, E. *see* Camin, D.V. 90208
Prevost, B. *see* Despretz, D. 120491
Prevost, D. *see* Dupret, A. 62118
Prevost, D. *see* Dupret, A. 75774
Prevost, G., Augier, P., Palau, J.-M. The use of charge-pumping for characterizing irradiated power MOSFETs 74741
Prevost, H. *see* Beteille, D. 110913
Prevost, H. *see* Luguera, E. 101468
Prevost, M. A new proof of the irrationality of $\zeta(2)$ and $\zeta(3)$ using Pade approximants 60969
Prevosti, G., Augier, P., Palau, J.-M. The use of charge-pumping for characterizing irradiated power MOSFETs 106023
Prevot, B. *see* Kantor, Z. 94690
Prevot, B. *see* Kuznicki, Z.T. 94700
Prevot, E., D'Hooge, M., Labbe, P. Experiences with concurrent TTCN for GSM/SS7 testing 119008
Prewett, P. *see* Reeves, C.M. 63776
Prewett, P.D. *see* Boswell, E.C. 73928
Prewett, P.D. *see* Boswell, E.C. 83696
Prewett, P.D. *see* Pignon, D. 64848
Preyer, G.J. *see* Johnson, D.M. 70379
Priano, C. *see* Ariante, M. 95405
Pribat, D. *see* Colalongo, L. 84406
Pribat, D. *see* Corradetti, A. 84423
Pribat, D. *see* Parillaud, O. 61218
Pribble, W.L., Griffin, E.L. An ion-implanted 13 watt C-band MMIC with 60% peak power added efficiency 83423
Pribetich, J. *see* Camart, J.-C. 120497
Pribetich, J. *see* Cresson, P.-Y. 70206
Pribetich, J. *see* Cresson, P.-Y. 101420
Pribetich, J. *see* Despretz, D. 101422
Pribetich, J. *see* Dubois, L. 120490
Pribetich, J. *see* Michel, C. 80467
Pribetich, P. *see* Carpentier, J.F. 62358
Pribetich, P. *see* Delplanque, Y. 65943
Pribetich, P. *see* Lepage, P. 83461
Pribush, A., Meyerstein, D., Meyerstein, N. Study of red blood cell aggregation by admittance measurements 70114
Pribyl, W., Lechner, A. Integrated smart power circuits–introduction, design and application 61654
Pribylov, N.N., Pribylova, E.I. Electrical losses in high-resistivity silicon with deep levels 63165
Pribylova, E.I. *see* Pribylov, N.N. 63165
Prica, M., Kendall, K., Painter, M. Transfer printing of thin electrolyte layers in solid oxide fuel cells 81854
Price, B. *see* Hartley, S. 103338
Price, B. *see* Mauceli, E. 99874
Price, C. *see* Turpin, T. 76285
Price, C. *see* Woodford, P. 117726
Price, C.J., Coope, L.D. Numerical experiments in semi-infinite programming 82509
Price, C.J., Snooke, N., Landry, J. Automated sneak identification 104280
Price, D.C. *see* Lage, J.L. 92265
Price, D.F. *see* Bonlie, J.D. 96235
Price, D.F. *see* Sullivan, A. 65123
Price, D.L. *see* Friedman, V. 68155
Price, E. *see* Krafft, G.A. 100581
Price, G.E. *see* Kawecki, T.G. 95614
Price, H.M. *see* Bell, M.L. 119374
Price, I. *see* Hamill-Keays, W.J.P. 72106
Price, J. *see* Szymanski, J.J. 110589
Price, J.C., Bacharach, S.L., Freedman, N., Carson, R.E. Noise reduction in PET attenuation correction by maximum likelihood histogram sharpening of attenuation images 90314
Price, J.H. *see* Schinagl, R.M. 120383
Price, J.O. *see* Gray, W.J. 91938
Price, J.S. *see* Luppov, V.G. 120085
Price, K. *see* Nevatia, R. 67472
Price, K.M. *see* Sandrin, W.A. 99443
Price, K.V. Differential evolution: a fast and simple numerical optimizer 92514
Price, M. *see* Calen, H. 120194
Price, P. *see* Matthews, J. 101183
Price, R. *see* Rutledge, L. 78093
Price, R.A. *see* Clelland, I.W. 83555
Price, R.A. *see* Clelland, I.W. 93964
Price, T., Bunn, J., Probert, D., Hales, R. Wind-energy harnessing: global, national and local considerations 91401
Pricer, D. *see* Nguyen, S.V. 95239
Prichard, D. *see* Theiler, J. 92420
Prichard, J.W. *see* Jong-Hee Hwang 70088
Pridmore, T.P., Ablameyko, S.V. A generalized distance transform for line patterns 108634
Priebe, C.E., Julin, E.G., Rogers, G.W., Healy, D.M., Lu, J., Solka, J.L., Marchette, D.J. Incorporating segmentation boundaries into the calculation of fractal dimension features 108443
Priebe, C.E. *see* Hayes, H.I. 98211
Priebe, C.E. *see* Marchette, D.J. 76942
Priebe, C.E. *see* Solka, J.L. 103555
Priedhorsky, W. *see* Phipps, C.R. 80679
Priedhorsky, W.C. Contrast and signal-to-noise ratio in long-distance starlight imaging 110206
Priedhorsky, W.C. *see* Czuchlewski, S.J. 111194
Priest, A.N. *see* Kinder, D. 63045
Priest, E.G. *see* Grimes, G.J. 116290
Priest, J. *see* Sarkis, J. 72188
Priestley, R., Walser, A.D., Dorsinville, R., Zou, W.K., Xu, D.Y., Yang, N.-L. Experimental observation of the magnitude and sign of the third order optical nonlinearity in polydibutylstannane 116732
Prieto, A. *see* Puntonet, C.G. 108354
Prieto, A. *see* Rojas, I. 62075
Prieto, E., Perez, M.M., Gonzalez, D.M., Saraiva, F., Chartier, A., Chartier, J.-M. International comparison of stabilized He-Ne lasers by the saturated absorption of $^{127}I_2$ at $\lambda \approx 633$ nm involving the CEM (Spain), the IPQ (Portugal) and the BIPM 68954
Prieto, F.J. *see* Escudero, L.F. 71176
Prieto, F.J. *see* Escudero, L.F. 91249
Prieto, H. *see* Molina, A. 109924
Prieto, J.L., Aroca, C., Sanchez, M.C., Lopez, E., Sanchez, P. Magnetization processes and optimal performance of magnetostrictive piezoelectric sensors 64492
Prieto, P. *see* Flora, R. 89921
Prieto, P. *see* Hirschberg, J. 76870
Prieto, P. *see* Lucia, M.L. 75318
Prieto, P.M. *see* Cagigal, M.P. 110380
Prieto, R., Cobos, J.A., Garcia, O., Asensi, R., Uceda, J. Optimizing the winding strategy of the transformer in a flyback converter 121691
Prieto, R., Garcia, O., Asensi, R., Cobos, J.a., Uceda, J. Optimizing the performance of planar transformers 61612
Prieto, R. *see* Asensi, R. 61614
Prieto, R. *see* Garcia, O. 121624
Prieto, T.E., Myklebust, J.B., Hoffmann, R.G., Lovett, E.G., Myklebust, B.M. Measures of postural steadiness: differences between healthy young and elderly adults 101072
Prieto, T.E. *see* Yip, S.W. 69920
Prieto, X., Linares, J. Increasing resistivity effects in field-assisted ion exchange for planar optical waveguide fabrication 106844
Prietzsch, C., Bachem, A. SIR-C/X-SAR campaign on Ruegen Island, Germany–first results 111107
Prieur, E., Guilhalmenc, C., Hartwig, J., Ohler, M., Garcia, A., Aspar, B. Threading dislocations in silicon layer produced by separation by implanted oxygen process 105487
Prigent, C. *see* Guillou, C. 70476
Prigent, P. *see* Girard, G. 75904
Prigge, O., Miura-Mattausch, M., Savignac, D., Feldmann, U. Worst-case parameters derived from device physics 105850
Prigodin, V.N. *see* Leadbeater, M. 105370
Prihadi Kartika *see* Kartika Prihadi
Prijic, Z., Igic, P., Pavlovic, Z., Stojadinovic, N. Simple method for the extraction of power VDMOS transistor parameters 84364
Prijic, Z., Pantic, D. Educational software for power VDMOS transistors 63713
Prijic, Z. *see* Pantic, D. 63715
Prijic, Z.D., Ristic, S.D., Trajkovic, A.P. Modeling of minority-carrier transport at silicon graded n-n^+ junctions. I. Theory 63547
Prijic, Z.D. *see* Trajkovic, A.P. 63548
Prikhod'ko, A.I. Error probability estimates for a communication channel with fading and time-dependent dispersion 108237
Prikhodko, A.V. *see* Galdikas, A. 79597
Prikhodko, S.P. *see* Volosovich, A.E. 85180
Prikhodko, S.P. *see* Volosovich, A.E. 85327
Prikler, L., Ban, G., Banfai, G. EMTP models for simulation of shunt reactor switching transients 111622
Prikler, L. *see* Ban, G. 111437
Prima, F.Di *see* Di Prima, F.
Primdahl, F. *see* Piil-Henriksen, J. 79234
Primdahl, K., Kustom, R. Cooling the APS storage ring radio-frequency accelerating cavities: thermal/stress/fatigue analysis and cavity cooling configuration 100513
Primdahl, K., Kustom, R., Maj, J. Reduction of multipactor in RF ceramic windows using a simple titanium-vapor deposition system 100512
Primdahl, S. *see* Mogensen, M. 81817
Primeau, N. *see* Reinisch, R. 116068
Primiani, V.M. *see* Cerri, G. 96926
Primot, J. *see* Chambon, M. 79555
Primrose, P.L., Leonard, R., Singer, K.E. The training of postgraduate engineers 60497
Prince, A. *see* Evans, D.S. 114850
Prince, J.L. Convolution backprojection formulas for 3-D vector tomography with application to MRI 108706
Prince, J.L. *see* Davatzikos, C. 86438
Prince, J.L. *see* Links, J.M. 120302
Prince, J.L. *see* Secker, D.A. 95212
Prince, J.L. *see* Waks, E. 110745
Prince, J.R. *see* D'Souza, M.F. 69966
Prince, M. *see* Bell, R.O. 103002
Prince, M.R., Narasimham, D.L., Londy, F.J., Pfammatter, T., Akhaven, R. A simple MR-compatible infusion pump 69990
Prince, S.M. *see* Walker, A.C. 85336
Prince, T.A. *see* Yu Cao 108440
Principe, J.C., Chuan Wang, Hsiao-Chun Wu Temporal decorrelation using teacher forcing anti-Hebbian learning and its application in adaptive blind source separation 108366
Principe, J.C. *see* Kim, M. 109794
Princz, G.J. *see* Hughes, W. 120714
Prine, D.W. Application of acoustic, strain, and optical sensors to NDE of steel highway bridges 82293
Prinet, V., Monga, O. Crest lines for vessels detection in angiograms 90388
Prinetto, P. *see* Amendola, A.M. 113984
Prinetto, P. *see* Barbagallo, S. 104467
Prinetto, P. *see* Corno, F. 73233
Prinetto, P. *see* Corno, F. 73343
Prinetto, P. *see* Corno, F. 82888
Prinetto, P. *see* Corno, F. 93223
Prinetto, P. *see* Corno, F. 113874
Pringle, O.A. *see* Luo, H. 75135
Pringle, O.A. *see* Marasinghe, G.K. 64214
Pringle, R.D. *see* Povey, G.J.R. 99227
Prins, J. *see* Mader, D.P. 121687

Prins, M.W.J., Groeneveld, R.H.M., Abraham, D.L., Schad, B.R., van Kempen, H. Scanning tunneling microscope for magneto-optical imaging 64461
Prins, M.W.J., Grosse-Holz, K.-O., Muller, B.G., Cillessen, J.F.M., Giesbers, J.B., Weening, R.P., Wolf, R.M. A ferroelectric transparent thin-film transistor 75056
Prins, M.W.J. *see* Grosse-Holz, K.-O. 74285
Prins, S.L., McNeil, J.R., Naqvi, S.S.H., Hosch, J.W. Scatterometric sensor for PEB process control 115089
Prins, S.L. *see* Minhas, B.K. 115091
Prins, S.L. *see* Raymond, C.J. 84508
Prins, S.L. *see* Raymond, C.J. 112990
Prins-Jansen, J.A., Fehriboch, J.D., Hemmes, K., de Wit, J.H.W. A three-phase homogeneous model for porous electrodes in molten-carbonate fuel cells 71689
Print, V.Ya., Seleznev, V.A., Gutakovsky, A.K. Novel technique for fabrication of one- and two-dimensional systems 105430
Prinz, G.A. *see* Krebs, J.J. 64351
Prinz, G.A. *see* Krebs, J.J. 75186
Prinz, G.A. *see* Wolf, J.A. 75083
Prinz, P. Calculating the dual Gabor window for general sampling sets 97789
Prinzler, H. *see* Doerner, R. 62361
Prinzler, H. *see* Heymann, P. 114273
Priol, T. *see* Hahad, M. 60993
Priolo, F., Franzo, G., Coffa, S., Polman, A., Snoeks, E., van den Hoven, G.N., Libertino, S., Lombardo, S., Campisano, S.U., Carnera, A. Optical doping of materials by erbium ion implantation 114898
Priolo, F., Spinella, C., Albertazzi, E., Bianconi, M., Lulli, G., Nipoti, R., Lindner, J.K.N., Mesli, A., Barklie, R.C., Sealy, L., Holm, B., Nylandsted, L.A. Ion implantation induced damage in relaxed $Si_{0.75}Ge_{0.25}$ 94710
Priolo, F. *see* Cardella, G. 110599
Priolo, F. *see* Coffa, S. 116250
Priolo, F. *see* Kyllesbech Larsen, K. 94659
Priolo, F. *see* Privitera, V. 74531
Priomos, B. *see* Sphiris, N. 120357
Prior, F. Communication technology for telemedicine 78107
Prior, F.W. *see* Glicksman, R.A. 111018
Prior, F.W. *see* Horil, S.C. 101213
Prior, F.W. *see* Van Slyke, M.A. 110866
Prior, K.A. *see* Blomfield, C.J. 74464
Prior, K.A. *see* Brownlie, G.D. 74214
Prior, K.A. *see* Kennedy, T.A. 74215
Prior, K.A. *see* Massa, J.S. 74371
Prior, K.A. *see* Meredith, W. 74171
Prior, K.A. *see* Thompson, P.J. 75582
Prior, K.A. *see* Trager-Cowan, C. 75953
Prior, K.A. *see* Wang, S.Y. 74373
Prior, K.A. *see* Zhu, Z. 74198
Prior, P. The rationale and utility of neurophysiological investigations in clinical monitoring for brain and spinal cord ischaemia during surgery and intensive care 111014
Prior, P.F. *see* Chatrian, G.-E. 110854
Prior, T.R. *see* Fox, N.P. 89092
Prip, L. *see* Bischoff, S. 96353
Priscoli, F.D., Picciano, G., Sestini, F. Dynamic carrier allocation in a PRMA cellular network 78516
Priscoli, F.D. *see* Ananasso, F. 78503
Priscoli, F.Delli *see* Delli Priscoli, F.
Prisecaru, I., Darie, G. A mathematical model for analyzing the steam turbines operation at partial loads. Application for the case of the DSL-50-1 turbine 71137
Prisecaru, T. *see* Neaga, C. 102461
Pristovsek, M. *see* Esser, N. 72798
Pritchard, C. *see* Phillips, A.J. 100263
Pritchard, D.A., MacEachin, J. A national laboratory/private industry cooperative research and development agreement (CRADA) 119741
Pritchard, D.A. *see* Kissock, P.S. 118156
Pritchard, R.E. *see* Joyce, T.B. 103943
Pritchard, T.W. *see* Beck, G.A. 69775
Pritchard, W.S. *see* Wright, J.J. 101391
Pritchett, A., Carpenter, B., Asari, K., Kuchar, J., Hansman, R.J. Issues in airborne systems for closely-spaced parallel runway operations 70360
Pritchett, A., Midkiff, A., Hansman, R.J. 'Party line' information use studies and implications for ATC datalink communications 70348
Prithviraj, N., Williamson, C.L. A virtual loss-load congestion control strategy for high speed networks 98676
Prithviraj, V., Mallick, A.K. Fault diagnosis of array antennas using Walsh functions 97361
Pritko, S. *see* Gilbert, D. 87820
Pritt, M.D. Structure and motion from two orthographic views 66972
Pritt, M.D. Phase unwrapping by means of multigrid techniques for interferometric SAR 70457
Pritzke, B. *see* Schreckenbach, W. 110134
Pritzke, B. *see* Schreckenbach, W. 119607
Pritzl, W. *see* Ingruber, B. 83403
Privalova, E. *see* Borovkov, A.I. 95581
Privalova, O.V. *see* Fridman, V.M. 91460
Privat, G. *see* Robin, F. 113997
Priver, L.S. Measurement of lengths and angles by means of a photoelectric direct reading-off microscope 69376
Privitera, G. *see* Lombardo, S. 105920
Privitera, G. *see* Speciale, N. 115163
Privitera, G. *see* Speciale, N. 115173
Privitera, J.P. *see* Jones, K.D. 82865
Privitera, V., Coffa, S., Priolo, F., Larsen, K.K., Mannino, G. Room-temperature migration and interaction of ion beam generated defects in crystalline silicon 74531
Privitera, V. *see* Campisano, S.U. 62670
Privitera, V. *see* Cardella, G. 110599
Privitera, V. *see* Coffa, S. 63585
Privitera, V. *see* Kyllesbech Larsen, K. 94659
Priye, V., Tsutsumi, M. Simulation study on magnetostatic wave solitons 115598
Prizant, J. *see* Heckathorn, J. 68339
Proakis, J.G. *see* Jindong Li 117505
Proakis, J.G. *see* Kurtas, E. 66350
Prober, D.E. *see* Burke, P.J. 73158
Prober, D.E. *see* Gaidis, M.C. 69890
Prober, D.E. *see* Mittal, A. 105286
Probert, D. *see* Mansouri, I. 112617
Probert, D. *see* Price, T. 91401
Probert, P.J. *see* Adams, M.D. 119670
Probert, P.J. *see* Taylor, R.M. 77526
Probert, R.L. *see* El-Gendy, H. 67898
Probst, D. *see* Madson, G. 61914
Probst, D.K., Sodergren, C.C., Krainak, M.A. Analysis of signal degradation in an integrated, active crossbar switch 101632
Probst, R. *see* Mauthe, G. 64161
Procanik, M.J. *see* Chen, T.M. 118254
Proch, D. New ways of cavity fabrication 120028
Proch, D., Einfeld, D., Onken, R., Steinhauser, N. Measurement of multipacting currents of metal surfaces in RF fields 100677
Proch, D. *see* Pekeler, M. 119967
Proch, D. *see* Shu, Q.S. 100497
Proch, D. *see* Somersalo, E. 100468
Prochazka, I., Hamal, K., Greene, B., Kunimori, H. Large-aperture germanium detector package for picosecond photon counting in the 0.5-1.6-μm range 110171
Prochazka, J. *see* Dixson, R. 115084
Procter, R. *see* Jakobs, K. 98550
Proctor, R.A. *see* Engel, J.J. 115326
Prodan, N. *see* Roman, C. 69036
Prodan, R. *see* Kar, M.L. 88827
Prodanov, V.I., Green, M.M. Biquad Gm-C structures which use double-output transconductors 73549
Prodell, A. *see* Bunce, G. 100643
Prodell, A. *see* Greene, A. 90033
Prodell, A. *see* Wanderer, P. 89783
Prodinger, H. *see* Kirschenhofer, P. 92442
Proenca, L.M. *see* Miranda, V. 102133
Proesmans, M. *see* Pollefeys, M. 67223
Proesmans, M. *see* Van Gool, L. 86395
Profeti, A. *see* Mours, B. 100821
Profeti, A. *see* Mours, B. 120196
Profirescu, M.D. *see* Mouthaan, T. 84229
Profumo, F., Madlena, M., Griva, G. State variables controller design for vibrations suppression in electric vehicles 122049
Profumo, F. *see* Bettini, A. 91910
Profumo, F. *see* Donescu, V. 121936
Profumo, F. *see* Donescu, V. 122002
Profumo, F. *see* Ilas, C. 112445
Profumo, F. *see* Kandianis, A. 112476
Profumo, F. *see* Uhrin, R. 121575
Progulova, T.B. *see* Aleev, A.N. 120186
Prohaska, J. *see* Snitzer, E. 78773
Prohaska, J.D. *see* Maher, M.H. 100056
Proietti, G. *see* Manolopoulos, Y. 77216
Proisy, C., Mougin, E., Fromard, F. Investigating correlations between radar data and mangrove forests characteristics 111326
Prokaznikov, A.V. *see* Kuznetsov, V.S. 84111
Prokes, J. *see* Krivka, I. 72970
Prokes, S.M. *see* Kaplan, R. 72753
Prokhorenko, P. *see* Gil, N. 113016
Prokhorenko, V.I. *see* Bondar, M.V. 76081
Prokhorenko, V.I. *see* Grabovski, V.V. 96598
Prokhorenko, V.I. *see* Grabovskil, V.V. 65170
Prokhorenko, V.P. *see* Ivashchuk, V.Ye. 68050
Prokhorov, A.M., Kuzmin, G.P., Kisletsov, A.V., Zakharov, V.P., Dobkin, V.G. "Al'mitsin" laser medical apparatus for the treatment of destructive forms of pulmonary tuberculosis 70216
Prokhorov, A.M. *see* Basov, N.G. 94206
Prokhorov, A.M. *see* Bykov, V.P. 69192
Prokhorov, A.M. *see* Dianov, E.M. 96139
Prokhorov, A.M. *see* Garnov, S.V. 92954
Prokhorov, A.M. *see* Nolle, E.L. 91753
Prokhorov, A.M. *see* Orlovskii, Yu.V. 96188
Prokhorov, A.M. *see* Vlasov, D.V. 100208
Prokhorov, A.V. *see* Solomentsev, V.V. 99692
Prokhorov, S.L. *see* Mironov, M.A. 109833
Prokhorova, E.V. *see* Malyshev, O.N. 90241
Prokic, M. A TLD system for environmental monitoring 110992
Proklov, V.V., Bashlakov, A.U., Byrjukov, V.A. Architectures for photonic space- and wavelength-switching using collinear guided-wave acoustooptics 95887
Prokof'eva, V.V., Bochkov, V.V., Pavlenko, E.P. An artificial photometric standard for light-emitting diodes as a basis of fundamental TV stellar photometry 64959
Prokof'eva, V.V., Pavlenko, E.P. Comparison of the capabilities of CCD and TV photometry of faint stars 69236
Prokofiev, V.V. *see* Kamshilin, A.A. 116691
Prokop, J. A library MOTORS–description and application in modelling electric drive systems in the MATLAB-SIMULINK system 81936
Prokop, J., Merica, R., Glatz, F., Veprek, S., Klingan, F.-R., Herrmann, W.A. Selective deposition of amorphous germanium on Si with respect to SiO_2 by organometallic CVD 92890
Prokopakis, G.J., Maroulis, Z.B. Real-time management and optimisation of industrial utilities systems 80806
Prokopenko, G. *see* Tarasov, M. 73702
Prokopenko, G. *see* Vystavkin, A. 73701
Prokopenko, G. *see* Vystavkin, A. 75349
Prokopenko, G. *see* Vystavkin, A. 110341
Prokopenko, I.V. *see* Ermolovich, I.B. 61343
Prokopenko, I.V. *see* Konakova, R.V. 114817
Prokopenko, Y.V. *see* Poplavko, Y.M. 64086
Prokopenko, Y.V. *see* Poplavko, Y.M. 114203
Prokopovich, I.P., Khrushchinskii, A.A. Highly efficient generation of high-order harmonics in intense laser fields in coherent stimulated Raman self-scattering 65427
Prokopowicz, P.N. *see* Kahn, R.E. 86447
Prokoshev, V.G. *see* Davidov, N.N. 106748
Prokoshin, P.V. *see* Yumashev, K.V. 85577
Proksch, P. *see* Molisch, A.F. 68109
Proksch, P. *see* Molisch, A.F. 99195
Proksch, R., Schaffer, T.E., Foss, S. Force gradient mapping of domain wall structures in magnetite 84798
Proksch, R. *see* Foss, S. 84773
Prokscha, R., Skidmore, G.D., Dahlberg, E.D., Foss, S., Schmidt, J.J., Merton, C., Walsh, B., Dugas, M. Quantitative magnetic field measurements with the magnetic force microscope 119843
Prokuda, B. Specifying and the application of low voltage harmonic filters 91004
Prola, C.R., Jr. *see* da Silva, J.A.P. 95773
Pron', G.P. *see* Grossman, A.G. 71126
Pronin, I.P. *see* Afanas'ev, V.P. 95266
Pronin, I.P. *see* Boikov, Yu.A. 64505
Pronko, J.G. *see* Cabrera, B. 100819
Pronko, J.G. *see* Lee, A.T. 100904
Proops, J.L.R., Gay, P.W., Speck, S., Schroder, T. The lifetime pollution implications of various types of electricity generation. An input-output analysis 71014
Propes, N.C. Poincare sections and the R-L-diode circuit 61581
Propoi, A.I. Problems of optimization and learning for nonlocal search in excitable media. I. Problem of optimization 92502
Propst, S. *see* Radford, W. 100114
Prorok, B.C., Balachandran, U., Iyer, N., Eror, N.G., Lelovic, M., Deis, T.A., Krishnaraj, P.K. Optimization of critical current density for BSCCO(2223) opit tapes by increasing contact length between the core and sheath 95432
Proske, D., Hummel, M. Syntax based adaptive modelling of data and functions for control systems of EHV-substations 102921
Proskura, A.I. *see* Dehoda, V.Ya. 106943
Proskurovskii, D.I. *see* Batrakov, A.V. 110523
Proskurovskii, D.I. *see* Nazarov, D.S. 120102
Prosperi, D. *see* Barabanov, I.R. 110568
Prosser, R.D. *see* Jeffers, S. 97130
Prost, R. *see* Gaillard, C. 100117
Prost, W. *see* Auer, U. 106083
Prosvirnin, S.I. *see* Litvinenko, L.N. 76411
Protasenko, V.V. *see* Suvorov, A.L. 104996
Protasevich, E.T. Simple antennas for microwave probing plasma in sealed volumes 79658
Proth, J.M., Sauer, N., Wardi, Y., Xie, X.L. Marking optimization of stochastic timed event graphs using IPA 92475
Protic, D. *see* Igel, S. 120205
Protiwa, F.F. *see* Munk-Nielsen, S. 112093
Protonotarios, E. *see* Mitrou, N. 77629
Protopapas, Z. *see* Pomerantz, S.M. 111020
Protopapas, Z. *see* Siegel, E.L. 111015
Protopopov, I.Ya. *see* Kezerashvili, G.Ya. 120092
Protopopov, Yu.M. *see* Brekhovskikh, V.V. 80013
Protsenko, I.E., Oraevsky, A.N., Graham, J.D., Bandy, D.K. Multistabilities in a thin layer semiconductor laser with an inclined external cavity 65339
Prott, C. *see* Schikora, D. 61233
Protzmann, H., Hohnsdorf, F., Spika, Z., Stolz, W., Gobel, E.O., Muller, M., Gimmnich, P., Lorberth, J., Scherb, J., Korber, W. Properties of (GaIn)As and InP bulk epitaxial layers. (GaIn)As/InP-heterostructures and pin-detector device structures grown by using the alternative sources ditertiarybutyl-arsine and ditertiarybutyl phosphine 103889
Proud, N.J., Kelsall, D.R., Alexander, T.M. A drive system for the Pirouette™ kinetic energy storage system 121913
Proulx, S. *see* Jutras, R. 81064
Prousalidis, J.M., Hatziargyriou, N.D., Papadias, B.C. Representation of hysteresis in three-phase transformer models for electromagnetic transients 102783
Prousalidis, J.M., Hatziargyriou, N.D., Papadias, B.C. Geometrical transformer model including hysteresis 112037
Provasi, R. *see* Abbes, M. 90145
Provencher, T. *see* Sturzebecher, D. 86007
Provenzano, E. Induction motor software simplifies system design 121490

Provin, E. *see* Mueller, K.A. 79787
Provinciali, L. *see* Dawson, M. 120259
Provorov, A.S., Reushev, M.Yu., Fen, S.A. The waveguide CO_2 amplifier with combined excitation 116357
Provost, J. *see* Cherradi, A. 72962
Provost, J.-G. *see* Delansay, P. 109646
Provost, R.L. *see* McNutt, W.J. 102787
Prozorovskii, V.D., Reshidova, I.Yu., Paranchich, S.Yu., Paranchich, Yu.S. A uniaxial stress-induced electric-dipole spin resonance in $Hg_{1-x}Cr_xSe$ 105142
Prsha, J. Analog still has a place in a digital world [CATV] 68903
Prucnal, P.R., Swung-Woo Seo Efficient optical packet-generation and -compression scheme 99470
Prucnal, P.R. *see* Bononi, A. 118173
Prucnal, P.R. *see* Glesk, I. 119242
Prucnal, P.R. *see* Kang, K.I. 88479
Prucnal, P.R. *see* Seung-Woo Seo 78737
Prucnal, P.R. *see* Seung-Woo Seo 109680
Prudenzano, F. *see* D'Orazio, A. 116123
Prudenziati, M. *see* Bianco, A. 84849
Prud'homme, M., Miller, J.W. Detection and analysis of ESD-induced melt filaments for FSRAMs 61916
Prud'hon, C., Gautier, C., Flechais, A. Development of the large N-STAR reflectors 66017
Prudius, I. *see* Grytskiv, Z. 86907
Prudkoglyad, A.F. *see* Luppov, V.G. 120085
Prudnikov, I.M. Application of the potential method for optimization of a function over a set given by a system of linear inequalities 92503
Prudnikov, R.V., Kashkarov, P.K., Timoshenko, V.Yu. Defect generation in GaAs induced by laser pulses of subthreshold energy 105454
Prudnikova, Yu.I. *see* Bychkova, E.V. 102860
Pruess, S., Jin, H. A stable high-order interpolation scheme for superconvergent data 60964
Pruett, J. *see* Burdick, J. 103027
Pruett, J. *see* Burdick, J. 112352
Pruijmboom, A. *see* Hueting, R.J.E. 84318
Pruijmboom, A. *see* Hueting, R.J.E. 105894
Pruitt, A. *see* Walter, D.N. 73912
Prulamp, G. *see* Thoma, H. 120534
Pruneri, V., Butterworth, S.D., Hanna, D.C. Low-threshold picosecond optical parametric oscillation in quasi-phase-matched lithium niobate 96674
Pruneri, V. *see* Butterworth, S.D. 107608
Pruneri, V. *see* Sturman, B. 107489
Prunieras, J. IFN contribution to a navigation plan 79067
Prusak, J. *see* Orzel, S. 112543
Prusak, J. *see* Szelag, A. 112530
Prusakov, V.N. *see* Cribier, M. 110538
Pruschek, R., Oejeklaus, G., Brand, V. Future coal-fired power station systems, efficiency and state of development from the point of view of research 111800
Pruski, A. *see* Habert, O. 79715
Prusseit, W. *see* Barth, R. 110163
Prusseit, W. *see* Klushin, A.M. 106695
Prusseit, W. *see* Oelze, B. 61989
Prut, L.Ya. *see* Gnedin, A.A. 71238
Prut, L.Ya. *see* Mesenzhnik, Ya.Z. 103205
Prutchi, D. DSP methods for frequency-wavenumber analysis of the array surface electromyogram 101348
Pruvot, E. *see* Karrakchou, M. 120261
Pruvot, P. *see* Vu, H. 101927
Pruyn, J. *see* Abraham, W. 89701
Pryalkin, V.I. *see* Aleksandrovskii, A.L. 85103
Pryalkin, V.I. *see* Lukashev, A.A. 96604
Pryalkin, V.I. *see* Lukashev, A.A. 96667
Prybyla, J.A. *see* Riege, S.P. 115019
Pryce, G.J. *see* Ashley, T. 79412
Prycker, M.de *see* de Prycker, M.
Pryor, B.M. *see* Mauthe, G. 64161
Pryor, C. *see* Hessman, D. 94497
Pryor, G. The science behind zero defects [soldering] 83610
Prytherch, H. Dark signal anomalies in the Kodak KAF 1300-L charge-coupled device 89172
Prytkov, S.F. Measuring system for investigating noise-like signals 79272
Prytkov, S.F. A computerized system for studies of noise-like signals 99862
Przadka, A. *see* Reynolds, J.S. 101085
Przedpelski, W. *see* Sadowski, J. 74233
Przewoski, B.von *see* von Przewoski, B.
Przybylek, G.J. *see* Kojima, K. 75991
Przybytek, J. *see* Suski, T. 74227
Przyklenk, K. *see* Wandt, D. 107255
Przyrembel, G. *see* Galloway, P.C.M. 116777
Psaila, D.C., De Sterke, C.M., Ouellette, F. Fabrication of rocking filters at 193 nm 116199
Psaltis, D. Nonvolatile holographic memories in photorefractive media 116783
Psaltis, D. *see* Barbastathis, G. 64630
Psaltis, D. *see* Barbastathis, G. 96840
Psaltis, D. *see* Burr, G.W. 76303
Psaltis, D. *see* Drolet, J.-J.P. 84959
Psaltis, D. *see* Drolet, J.-J.P. 89230
Psaltis, D. *see* Hong, J.H. 64611
Psaltis, D. *see* Miller, R.A. 95236
Psaltis, D. *see* Mok, F.H. 76304
Psaltis, D. *see* Pu, A. 64629
Psarrou, A., Shaogang Gong, Buxton, H. Modelling spatio-temporal trajectories and face signatures on partially recurrent neural networks 66961
Pshenichnyi, B.N., Sobolenko, L.A. Linearization method for inverse convex programming 113164
Pshukov, A.M. *see* Elliott, S.R. 80104
Psihoyios, Y. *see* Cash, J.R. 61057
Psomas, S. *see* Dounais, G. 102431
Psota-Kelty, L.A. *see* Comizzoli, R.B. 69007
Psychalinos, C. *see* Deliyannis, T. 73531
Psycharis, V. *see* Kalogirou, O. 64324
Ptacek, J. Classification of devices for non-contact temperature measurement 119627
Ptak, V. *see* Greenbaum, A. 103737
Ptak, W.S. *see* Jonas, S. 82763
Ptashchenko, A.A., Ptashchenko, F.A. "Excess" polarization of the spontaneous emission in laser heterostructures 116484
Ptashchenko, F.A. *see* Ptashchenko, A.A. 116484
Ptchelintsev, A. *see* de Halleux, B. 72986
Ptitsin, V.I., Shatunov, Yu.M., Peggs, S. Helical spin rotators and snakes for RHIC 89879
Ptitsina, N.G. *see* Verevkin, A.A. 105288
Pu, A., Psaltis, D. High-density recording in photopolymer-based holographic three-dimensional disks 64629
Pu, A. *see* Barbastathis, G. 96840
Pu, B. *see* Hongching Shan 63334
Pu, C. *see* Cen, S. 119405
Pu, C.C. *see* Shih, F.Y. 108323
Pu, X.H. *see* Weaver, J.T. 111149
Pu Dexiu *see* Zhou Wenzhen 107033
Pu Fanyong *see* Jiao Zhixian 81636
Pu Guan-Chih *see* Guan-Chih Pu
Pu Lyong Sun *see* Lyong Sun Pu
Pu Qun *see* Su Jun 67920
Pu Wang *see* Wang Pu
Pu Yangqing *see* Yangqing Pu
Pu Zhang *see* Kechu Yi 76886
Puaut, I. *see* Billot, M. 98871
Puccetti, F. *see* Gaynor, W. 70618
Pucci, M. *see* Milani, A. 71154
Puccio, V.J. *see* Nolan, G.J. 80952
Pucel, B., Riviere, L., Le Bihan, J. New model for the active directional coupler 78929
Puchalla, J.L. *see* Kowitt, M.S. 99705
Pucher, H.-J., Glasmacher, M., Geiger, M. Laser beam soldering of fine pitch technology packages with solid solder deposits 103430
Pucher, H.-J., Kals, R., Buchner, M., Glasmacher, M., Geiger, M. Simulation of micro bending process for metal forming of component leads 112889
Pucher, H.-J. *see* Glasmacher, M. 104939
Pucher, H.-J. *see* Glasmacher, M. 114422
Puchert, M.K., Timbrell, P.Y., Lamb, R.N. Postdeposition annealing of radio frequency magnetron sputtered ZnO films 92826
Puchkov, A. *see* Shalnov, A. 89597
Puchner, H., Selberherr, S. Simulation of graft base formation and emitter outdiffusion in high-performance bipolar LSIs 63901
Puchner, H., Selberherr, S. Simulation of ion implantation using the four-parameter kappa distribution function 84547
Puchta, S. On the role of mathematics and mathematical knowledge in the invention of Vannevar Bush's early analog computers 113057
Pudalov, V.M., Chui, S.-T. Evidence for the first order phase transition at the 2D electron liquid to solid boundary 63144
Pudalov, V.M., D'Iorio, M., Campbell, J.W. Electric field induced non-ohmic conduction in the 2D insulating phase 106037
Pudalov, V.M. *see* Furneaux, J.E. 106038
Pudenzi, M.A.A. *see* Cotta, M.A. 103948
Pudenzi, M.A.A. *see* Diniz, J.A. 114879
Pudikov, V. *see* Dapkus, P.D. 107344
Pudlak, P. *see* Lefmann, H. 103765
Pudlowski, Z.J. *see* Turowski, J. 72134
Pudlowski, Z.J. *see* Turowski, M. 63534
Pudney, C., Robins, M., Robbins, B., Kovesi, P. Surface detection in 3D confocal microscope images via local energy and ridge tracing 86337
Puech, M., Maquin, Ph. Low temperature etching of Si and PR in high density plasmas 105702
Puech, M. *see* Etrillard, J. 84136
Puech, V. *see* Doussiet, F. 107052
Puente-Baliarda, C., Pous, R. Fractal design of multiband and low side-lobe arrays 66114
Puentes, J. *see* Coatrieux, J.L. 120314
Puers, R. Linking sensors with telemetry: impact on the system design 88940
Puers, R. *see* Bienstman, J. 88981
Puers, R. *see* Lapadatu, D. 88988
Puers, R. *see* Van Schuylenbergh, K. 90270
Puertolas, D., Piedigrossi, D., Leutz, H., Gys, T., D'Ambrosio, C. An ISPA camera for beta radiography 120202
Puertolas, D. *see* D'Ambrosio, C. 80010
Puetz, J., Hart, S. Smart-networking: efficient technology-transparent connectivity 87378
Puff, W. *see* Friessnegg, T. 105534
Puff, W. *see* Mahony, J. 105137
Pugachev, A.A. *see* Kostukov, E.V. 95033
Pugachevich, V.P. *see* Pavlov, G.Ya. 105650
Pugaczewski, J. *see* Hsieh, J. 87804
Pugatch, V.M. *see* Riechmann, K. 110548
Puget, J.L. *see* Mandolesi, N. 99703
Puget, J.L. *see* Mandolesi, N. 109844
Puget, J.L. *see* Smoot, G.F. 99702
Pugh, A.D. *see* Pan, F. 115987
Pugh, D. *see* Kerkoc, P. 65417
Pugh, M.L. *see* Haimovich, A.M. 109713
Pugh, V.J. *see* DeFotis, G.C. 64242
Pugin, A. *see* Lanz, E. 70432
Pugliani, L. *see* Calicchia, A. 110684
Pugliese, P., Sbrizzai, R., Trovato, M., La Scala, M. Intelligent control of inter-area oscillations in power systems 121060
Pugliese, P. *see* Bualoti, R. 120993
Pugliese, P. *see* de Sario, M. *(editor)* 112734
Pugliese, R., Tronci, E. Automatic verification of a hydroelectric power plant 81343
Puglisi, G. *see* Coltelli, M. 111083
Puglisi, G. *see* Lanari, R. 111161
Puglisi, L. *see* Marchesoni, M. 71510
Puglisi, L. *see* Marchesoni, M. 91907
Puglisi, L. *see* Marchesoni, M. 103101
Puglisi, L. *see* Marchesoni, M. 112442
Puglisi, L. *see* Marchesoni, M. 112523
Puhl, J.M. *see* McLaughlin, W.L. 120566
Puhlhofer, M. *see* Cossmann, H. 87893
Puhlmann, N., Vinogradov, E.A., Semenov, A.V., Nikolaev, J., von Ortenberg, M. Applications of the Back-Wave Oscillator submillimeter spectrometer MASS 4 79664
Puhn, F. *see* Piec, Z. 106721
Pui Mun Lee, Sullivan, W.G. Developing and implementing interactive multimedia in education 112761
Puich, M. *see* Zhang, S. 60689
Puije, P.D.van der *see* van der Puije, P.D.
Puimedon, J. *see* Girard, T.A. 80093
Pujara, L.R. On the pseudoboundary of unstable polytopes of polynomials 92372
Pujari, A.K. *see* Agarwal, A. 110780
Pujiang Huang *see* Xianlong Hong 83057
Pukhov, A.M. *see* Bulanov, S.V. 79844
Pukhov, O.E. *see* Chirikov-Zorin, I.E. 69754
Puksec, J.D. Influence of surface states on surface recombination velocity 74126
Pulaczewski, J. *see* Wachowicz, E. 71956
Pulaski, D. *see* Patel, R.S. 94137
Pulaski, D.P., Patel, R.S., Speidell, J.L. Direct ablation lithography 94857
Pulcini, G. *see* Calabria, R. 113032
Pulcini, G. *see* Calabria, R. 113036
Puleo, M. *see* Bendelli, G. 78316
Puleo, M. *see* Masetti, F. 78317
Puleston, P.F. *see* Battaiotto, P.E. 111857
Puletti, P. Redesigning connector components for competitiveness 114396
Pulfer, N. *see* Krause, T.W. 115561
Pulford, G.W. *see* Okello, N.N. 119276
Pulfrey, D.L. *see* Searles, S. 62805
Pulfrey, D.L. *see* Vaidyanathan, M. 74671
Puliafito, A. *see* Begain, K. 92347
Puliafito, A. *see* Catania, V. 118462
Puliajito, A. *see* Iannizzotto, G. 98152
Pulido, V.A.A. *see* Rodriguez, A.M. 112770
Pulino, A. *see* Gapochka, M.G. 94197
Puliti, P. *see* Zingaretti, P. 66897
Pulkkinen, O. *see* Estola, K.-P. 99147
Pulkkinen, U. *see* Holmberg, J. 71053
Pulkkinen, U. *see* Wahlstrom, B. 111725
Pulko, S.H. *see* Stubbs, D.M. 73733
Pulko, S.H. *see* Stubbs, D.M. 104819
Pulko, S.H. *see* Williams, E.W. 64381
Pullan, M.C. Basis characterisation for linear multicommodity network programs 72494
Pullara, A., Marinelli, M., Miracapillo, L. The European Mobile System payloads for personal and mobile communications 88239
Pullela, R., Bhattacharya, U., Allen, S.T., Rodwell, M.J.W. Multiplexer/demultiplexer IC technology for 100 Gb/s fiber-optic transmission 68006
Pullela, R. *see* Bhattacharya, U. 84349
Pullela, S., Menezes, N., Pileggi, L.T. Post-processing of clock trees via wiresizing and buffering for robust design 73505
Pullen, D. Next generation sensor signal processor for utility metering 88960
Pullen, K. *see* Waring, R. 106638
Pullen, K.R., Etemad, M.R., Fenocchi, A. The high speed axial flux disc generator–unlocking the potential of the automotive gas turbine 91877
Pullen, S. *see* Enge, P. 99681
Pullen, S.P., Chao, Y.C., Enge, E.K., Parkinson, B.W. Effects of local ionospheric anomalies on navigation performance and integrity using WAAS 68773
Pullia, A., Ripamonti, G. Minimum-noise filter for baseline estimation in radiation detection systems 90235
Pullia, A., Ripamonti, G., Santo, D. Minimum-noise filter for baseline estimation in radiation detection systems 100932
Pullia, M. *see* Giove, D. 100587
Pulliainen, J., Walker, N., Manninen, T., Hallikainen, M., Grandell, J. Land applications of ERS-1 Wind Scatterometer in boreal forest zone 120679
Pulliainen, J.T., Mikhela, P.J., Hallikainen, M.T., Ikonen, J.-P. Seasonal dynamics of C-band backscatter of boreal forests with applications to biomass and soil moisture estimation 70459
Pulliam, T. *see* Dubbs, T. 80026
Pulliam, T. *see* Dubbs, T. 100839
Pulliam, T. *see* Dubbs, T. 100849
Pulliam, T. *see* Unno, Y. 80035
Pulliam, T. *see* Unno, Y. 100858
Pullin, M.J. *see* Ciesla, C.M. 105348

Pullin, M.J. *see* Tang, P.J.P. 114775
Pulnikov, A.A., Plastun, A.T., Denisenko, V.I., Freeman, E.M. Application of combined inductor exciter for salient pole synchronous motors of general industrial use in brushless system of excitation 71261
Puls, J., Rossin, V.V., Kreller, F., Wuensche, H.J., Renisch, St., Hoffmann, N., Rabe, M., Henneberger, F. Bound- and bi-excitons in ZnCdSe/ZnSe multiple quantum wells 74377
Puls, J. *see* Henneberger, F. 94523
Puls, J. *see* Jungnickel, V. 62882
Puls, J. *see* Kreller, F. 116537
Puls, J. *see* Rossin, V.V. 74402
Pulter, N. *see* Frank, P. 80847
Pulvermuller, F., Lutzenberger, W., Muller, V., Mohr, B., Dichgans, J., Birbaumer, N. P3 and contingent negative variation in Parkinson's disease 101362
Pulvermuller, F. *see* Wright, J.J. 101391
Pulvirenti, F. *see* Gariboldi, R. 73100
Pulvirenti, P.P., Jiles, D.C. Magnetostriction and magnetic Gruneisen parameters in pseudo-binary rare earth-transition metal alloys 115568
Pulvirenti, P.P., Jiles, D.C., Greenough, R.D., Reed, I.M. Enhancement of piezomagnetic response of highly magnetostrictive rare earth-iron alloys at kHz frequencies 75074
Pumberger, R. Actual and future tasks of compound district heating 121350
Pumford, D. Update on Europe [explosion safety legislation] 71218
Pumphrey, H.C. *see* Lahoz, W.A. 120782
Pumprla, J. *see* Howorka, K. 110873
Pun, E.Y.B., Shi, L.P., Chung, P.S. Ion-exchanged Fe doped KTiOPO$_4$ optical waveguides 106832
Pun, E.Y.B. *see* Shi, L.P. 75554
Pun, E.Y.B. *see* Zhang, Y.L. 75386
Pun, E.Y.B. *see* Zhang, Z.X. 69536
Pun, E.Y.B. *see* Zhu, N.H. 75545
Pun, E.Y.B. *see* Zhu, N.H. 93669
Pun, L.K.L. *see* Ng, C.K.Y. 108563
Pun, T. *see* Gil, S. 67294
Pun Hau Ka *see* Ka Pun Hau
Pun Jianping, Ding Wei, Liu Binghua Researches on whiteboard and telepointer in computer conference system 67885
Pun Jingke *see* Sang Fengting 107095
Pun Ng Moon *see* Ng Moon Pun
Puncochar, M., Drahos, J., Vrba, J. Fuzzy number as a product of geometrical construction 113139
Puncochar, M. *see* Vrba, J. 60851
Pundak, N., Meromi, A., Tzur, Y., Haim, Z.B., Riabzev, S., Leonard, G., Toft, B., Long, M. Reliability growth of Ricor's micro IDCA products 60638
Pundir, A. *see* Mehra, R.M. 84943
Pung, H.K. *see* Li, H. 118565
Pung, H.K. *see* Chua, T.S. *(editor)* 112665
Pung Hung-Keng *see* Hung-Keng Pung
Pungin, V.G. *see* Mityagina, M.I. 111221
Punin, V.T. *see* Vasiliev, A.S. 116327
Punitha, L. *see* Abdul Latheef, G. 76454
Puniyani, R.R. *see* Ulman, S.A. 120528
Punnen, A.P. A fast algorithm for a class of bottleneck problems 72590
Punnen, A.P., Aneja, Y.P. On k-sum optimization 60891
Punset, C., Boeuf, J.P., Pitchford, L.C. Parametric studies of AC plasma display panel cells in complex geometries 105084
Punt, J. *see* Sparreboom, D. 77995
Punt, J.B., Sparreboom, D. Summing received signal powers with arbitrary probability density functions on a logarithmic scale 118920
Punt, J.B. *see* Bar-Ness, Y. 87386
Punt, J.B. *see* Bar-Ness, Y. 108380
Puntonet, C.G., Prieto, A., Ortega, J. New geometrical approach for blind separation of sources mapped to a neural network 108354
Puntus, V. *see* Khabiboulline, T. 100505
Punzenberger, M., Enz, C. A new 1.2 V BiCMOS log-domain integrator for companding current-mode filters 104692
Punzi, G. *see* Belforte, S. 90230
Punzi, G. *see* Belforte, S. 100984
Pupeikis, R. On adaptive threshold intervals for stopping recursive least squares in the space of signals 60980
Pupeter, N., Gohl, A., Habermann, T., Kirschner, A., Mahner, E., Muller, G., Piel, H. Influence of surface roughness and preparation, bulk purity and heat treatment on electron field emission from Nb and Nb$_3$Sn 119977
Pupeter, N., Gohl, A., Habermann, T., Mahner, E., Muller, G., Piel, H., Niedermann, Ph., Hanni, W. Field emission measurements with μm resolution on chemical-vapor-deposited polycrystalline diamond films 83706
Pupeter, N., Gohl, A., Habermann, T., Mahner, E., Piel, H., Niedermann, P., Hanni, W. Field emission measurements with μm resolution on CVD-polycrystalline diamond films 74030
Pupeter, N., Habermann, T., Kirschner, A., Mahner, E., Muller, G., Piel, H. Comparative studies on enhanced field emission from mechanically and chemically polished broad-area Nb, Cu, and Al cathodes 73964
Pupko, V.J. *see* Arinkin, F.M. 111060
Pupolin, S., Salloum, A. Optimum threshold switching to spatial diversity systems 99083
Puppin, E. *see* Callegaro, L. 106496
Puppin, E. *see* Callegaro, L. 115562
Puradi, F. *see* Hall, W. 122014
Purcell, J. *see* Duesing, E. 108953
Purcell, J.E. Multirate Filter Design System 97749
Purcell, S. *see* Takayanagi, T. 73424
Purcell, T. *see* Chu, W. 92759
Purchase, J.F. A proposed "open standards" technique for providing interconnectivity between the national communication satellites and the global broadband satellite networks 88441
Purchase, K.G., Brady, D.J., Smith, G.M., Roh, S.D., Osowski, M.L., Coleman, J.J. Integrated optical pulse shapers for high-bandwidth data packet encoding 88483
Purdy, J.A. *see* Cheng, A. 80512
Purdy, J.A. *see* Klein, E.E. 90577
Purdy, J.A. *see* Low, D.A. 70198
Puretzky, A.A. *see* Chen, K.R. 96595
Puretzky, A.A. *see* Lowndes, D.H. 113425
Pureza, P.C. *see* Sanghera, A.S. 75500
Pureza, P.C. *see* Sanghera, J.S. 64713
Puri, A., Schmidt, R.L., Haskell, B.G. SBASIC video coding and its 3D-DCT extension for MPEG-4 multimedia 87920
Puri, A. *see* Davidson, W.W. 114695
Puri, A. *see* Karri, P. 115492
Puri, A. *see* McNary, A.J. 83903
Puri, M. *see* Mitra, H. 110172
Puri, M.C. *see* Gupta, A. 72492
Puri, M.C. *see* Mathur, K. 72550
Puri, R.K. *see* Babbar, V.K. 84800
Puritis, T. Problems related to avalanche and secondary breakdown of silicon p-n junction 83913
Puritis, T. *see* Kaupuzs, J. 114698
Purkait, K., Datta, A.N. An improved form of iterative reconstruction algorithm for first order and second order microwave image reconstruction 80355
Purkayastha, A. *see* Bischof, C.H. 61007
Purkayastha, S., Ramamoorthy, R., Tyagi, V. Customer care and billing–service differentiator in PCS 99268
Purl, N.N. *see* Bugwadia, K.A. 109910
Purlatz, T. *see* Calen, H. 120194
Purnell, K., Katz, A. A novel phase shifter using a GaAs MESFET in passive configuration 93881
Purnomo, A.H., Utoyo, I. The Indonesian approach to developing an information infrastructure for the coming multimedia age 87960
Purnomo, M.H., Wahyudiati, Shigeta, K., Shimizu, E. The adjuster position prediction in energy meter calibration system using fuzzy learning method 121257
Purohit, A. *see* Chakraborty, J. 120256
Purohit, R.K. *see* Dubey, G.C. 103997
Purohit, R.K. *see* Mishra, M. 109308
Purohit, R.K. *see* Pal, R. 104004
Purohit, R.K. *see* Pal, S. 104873
Purohit, R.K. *see* Tyagi, R. 106951
Purry, C.S. *see* Catford, W.N. 69884
Purschke, M. *see* Steinhaeuser, P. 69834
Purschke, M.L. *see* Aggarwal, M.M. 69839
Purser, R.J. *see* Huang, H.-L. 117117
Pursley, M.B. *see* Noneaker, D.L. 118855
Purslow, C., Sandison, J. Equipment for use in flammable atmospheres; selection, use and maintenance 71221
Purta, D.A. *see* Denes, L.J. 69278
Purta, D.A. *see* Goodwill, J.E. 82025
Purucker, M.C., Robinson, C.J. Design of a sliding linear investigative platform for analyzing lower-limb stability (SLIP-FALLS) 69921
Purushotham, A. *see* Rao, N.K. 91585
Purushothama Iyer, H.A. Performance requirements and evaluation of insulation systems for high voltage induction motors 91525
Purushothaman, K. *see* Holland, C.K. 90472
Purushothaman, S. *see* Frankel, G.S. 60622
Purushothaman, S. *see* Kang, S.K. 103423
Purushothaman, S. *see* Kang, S.K. 114468
Purvis, A. *see* Lo, K.C. 117433
Purvis, B.D., McDaniel, J.W., Unger, R.A., Orr, C.E. Crew station measurement methodology: a quantitative approach 120604
Purvis, R. *see* Singh, A. 69167
Purwanto, Y. *see* Itoh, K. 78587
Purwosumarto, P. *see* Serrano-Heredia, A. 116138
Purzer, H., Schnieders, J. Transformers for an aluminium foundry 82027
Purzynski, C. *see* Rappaport, S.S. 99222
Pusaka, J. *see* Brown, N. 88900
Pusarla, C., Christou, A. Solder bonding alignment of microlens in hybrid receiver for free space optical interconnections 116285
Pusarla, C., Christou, A., Prather, D.W. Diffraction loss and optical crosstalk in hybrid receiver for free space optical interconnections 85346
Pusarla, C., Ling Lin, Christou, A. Reliability issues in hybrid optoelectronic interconnect systems 116281
Puscas, N.N., Grobnic, D.M., Popescu, I.M., Guidi, M., Scarano, D., Perrone, G., Montrosset, I. Characterization of Er^{3+}-doped Ti:LiNbO$_3$ waveguides: losses, absorption spectra, and near field measurements 79746
Puscas, N.N. *see* Grobnic, D.M. 85451
Puscas, N.N. *see* Grobnic, D.M. 116435
Pusch, H. *see* Butscher, B. *(editor)* 72062
Puschnik, H. *see* Peters, J.O. 113518
Pushan Tang *see* Guoqing Miao 82963
Pushan Tang *see* Guoqing Xu 83098
Pushan Tang *see* Tang Pushan
Pushkarev, G.P., Kupko, V.S., Mazaev, G.A., Sobol', V.V. Tests on a laser phase displacement meter with an ILK-25 linear comparator 96856
Pushkin, A. *see* Kamensky, V. 120511
Pushpakala, K.S. *see* Ravikumar, A.R. 112139
Puska, P.P. *see* Lindell, I.V. 107966
Puski, S. *see* Koltai, F. 107227
Pusl, J.A., Brown, J.J., Shealy, J.B., Hu, M., Schmitz, A.E., Docter, D.P., Case, M.G., Thompson, M.A., Nguyen, L.D. High-efficiency GaAs-based pHEMT power amplifier technology for 1-18 GHz 83501
Pusnik, I. *see* Drnovsek, J. 109042
Pusnik, I. *see* Drnovsek, J. 110421
Puspoki, S., Rakovics, V., Koltai, F., Nagy, G., Serenyi, M. Laser diode pump sources for blue up-conversion fibre laser 116500
Puspoki, S. *see* Rakovics, V. 107272
Pust, L., Dlouhy, D., Jirsa, M. Virtual additive moments measured by a vibrating sample magnetometer on superconducting thin films 110337
Pustelny, T. Intensity fiber optic temperature sensors 89127
Pustelny, T. Electroluminescent effect and its application to electric field intensity measurements 100262
Pustogov, V.V. *see* Berger, J. 70525
Pustovoichenko, Yu.I. *see* Koba, A.S. 71735
Pustovoit, V.I. *see* Kravchenko, V.F. 83410
Pustzaszeri, Y.-H. *see* Basso, A. 67912
Put, E.J.E.van der *see* van der Put, E.J.E.
Putilin, A.N. *see* Dianov, E.M. 78645
Putilin, A.N. *see* Parfenov, A.V. 89233
Putilin, S.E. *see* Mazurenko, Yu.T. 76297
Putilova, A.T. *see* Bushuev, V.V. 80981
Putland, P.A. *see* Skevington, P.J. 67613
Putlitz, G.zu *see* zu Putlitz, G.
Putnam, J.M. *see* Medgyesi-Mitschang, L.N. 65982
Putnam, M. *see* Bucholtz, F. 75430
Putnam, M.A. *see* Davis, M.A. 89137
Putnam, M.A. *see* Nellen, P.M. 119706
Putris, F.F. *see* Wan, H. 64191
Putrus, G.A., Cooper, C.B. Experimental study of a UFC laboratory model employing GTO thyristors 112067
Putt, I. *see* Henderson, L. 118610
Putten, A.F.P.Van *see* Van Putten, A.F.P.
Putten, A.Van *see* Van Putten, A.
Putten, M.H.P.M.Van *see* Van Putten, M.H.P.M.
Putten, M.J.A.M.Van *see* Van Putten, M.J.A.M.
Puttlitz, K.J., Lidestri, K.A., Totta, P.A. Solder transfer technique for flip chip and electronic assembly applications 114467
Puttlitz, K.J. *see* Brofman, P.J. 82211
Putty, M.W. *see* Shi, Q. 74913
Putz, N., Adams, D.M., Rolland, C., Moore, R., Mallard, R. Fabrication of an InP/GaInAsP based integrated gain-coupled DFB laser/M-Z phase modulator for 10 Gb/sec fiber optic transmission 96067
Putz, R. *see* Eckstein, F. 120340
Putzer, A. *see* Braunschweig, W. 120173
Puvanachandran, V., Sivakumar, M. Teaching of computing in a project-oriented environment in the civil engineering degree course at Unitech 72119
Puvvada, R., Chadaga, B., Chaughule, R.S. Magnetic resonance imaging using an IBM compatible PC system 120321
Puying Tang *see* Guiqing He 67543
Puzach, S.V. *see* Puzach, V.G. 121269
Puzach, V.G., Puzach, S.V. Calculation of friction and heat exchange in channels and for external flow along bodies 121269
Puzanova, T.Z. *see* Popov, A.G. 106624
Puzenat, D. *see* Adnet, C. 70589
Puzenat, D. *see* Desodt, G. 68682
Puzewicz, Z. *see* Iftimia, N. 116369
Puzo, A. *see* Baker, A.E. 65896
Puzo, A. *see* Sitzia, A.M. 65897
Puzo, P. *see* Alexandrof, V.A. 100628
Puzo, P. *see* Tenenbaum, P. 89675
Py, C., Itoh, J., Hirano, T. In-plane refocusing of a microtips electron beam by a surrounding ring 74011
Py, C. *see* Baptist, R. 74053
Py, C. *see* Baptist, R. 89558
Py, M.A., Buehlmann, H.-J. Evidence for screening effects on the 1/f current noise in GaAs/AlGaAs modulation doped field effect transistors 95064
Py, M.A. *see* Haddab, Y. 63762
Py, M.A. *see* Ren, L. 104825
P'Yankov, Yu.A. *see* Dyatlov, V.L. 102763
Pyarnoya, E. *see* Danilkin, M. 75713
Pyatak, N.I., Kulakov, O.V., Mizernik, V.N. The H$_{10}$ wave diffraction on the dielectric resonator in the T-shaped splitter of rectangular waveguides 85930
Pyati, V.P. *see* McGrath, D.T. 116850
Pyatin, Yu.M. Decoder method for electrical circuit analysis 93021
Pycock, S.J. *see* Gu, X. 109677
Pye, C. Implementation and development of NHS-wide networking within natural communities 90552

Pye, C.J. *see* Bangham, J.A. 67368
Pyee, M. *see* Trotel, A. 64581
Pyeonghwa Lee *see* Changyul Cheon 104793
Pyle, J.L. *see* Ruskell, T.G. 84188
Pyle, K. Cutting through the maze [hybrid fiber/coaxial technology] 98918
Pyle, R.E., Kaushik, V., Laberge, P., Morris, S., Martin, L., Prack, E., Hance, R., Bridwell, J. An analytical study of a novel and new failure mechanism observed in a high density CMOS ULSI device 95199
Pyndiah, R., Picart, A., Glavieux, A. Performance of block turbo coded 16-QAM and 64-QAM modulations 76760
Pynenburg, R. *see* West, K. 81682
Pyng Ng Meei *see* Meei Pyng Ng
Pynn, C.T. Shrinking the cost of board test 88927
Pynn, C.T. Integrated assembly and testing of circuit boards 104949
Pyo, I., Oh, J., Pedram, M. Constructing minimal spanning/Steiner trees with bounded path length 72486
Pyo Hong Jin *see* Jin Pyo Hong
Pyo Hong Kwan *see* Kwan Pyo Hong
Pyo Hong Sung *see* Sung Pyo Hong
Pyo Iksoo *see* Iksoo Pyo
Pyo Jun Kyung *see* Kyung Pyo Jun
Pyrhonen, J. *see* Haataja, J. 91531
Pyrhonen, J. *see* Niemela, M. 91826
Pyshchev, A.I. *see* Vasil'chenko, V.G. 69798
Pysher, D.J. *see* Judkins, R.R. 111806
Pyssysalo, T., Ojala, L. Causal modeling of a video-on-demand system using predicate/transition net formalism 119400
Pyszniak, K. *see* Latuszynski, A. 120126
Pyt'ev, Yu.P. *see* Pashko, D.A. 110661
Python, D. *see* Fried, R. 62069
Pythoud, F., Stergiopulos, N., Meister, J.-J. Separation of arterial pressure waves into their forward and backward running components 110658
Pyttel, A. *see* Buchenrieder, K. 113677
Pyun, K.-E. *see* Cho, H.S. 116555
Pyun, K.-E. *see* Hwang, N. 107266
Pyun, K.-E. *see* Kwak, J.S. 114812
Pyun, K.-E. *see* Mun, J.K. 84478
Pyun, K.-E. *see* Youn, K.-J. 93836
Pyun Chong-Hong *see* Chong-Hong Pyun
Pyun Kwahgn Eui *see* Kwahgn Eui Pyun
Pyun Kwang Eui *see* Kwang Eui Pyun
Pyun Kwang-Eui *see* Kwang-Eui Pyun
Pyun Woong Beom *see* Woong Beom Pyun
Pyung Choi *see* Young Chang Jo 84596
Pyung Dong Cho *see* Chang Doon Shin 118272
Pyung Dong Cho *see* Kun Suk Kim 118629
Pyung Kim Yong *see* Yong Pyung Kim
Pywell, M., MacDiarmid, I.P., Simpson, R.J. Improved analysis of airframe microwave attenuation measurement data 100300

Q-Pi Li *see* Jullien, G.A. 67340
Qaddoumi, N., Zoughi, R., Carriveau, G.W. Microwave detection and depth determination of disbonds in low-permittivity and low-loss thick sandwich composites 82811
Qamaruzzaman *see* Dahono, P.A. 81445
Qamber, I.S. SPICE applications in education: insulator strings of overhead transmission lines 70955
Qamhieh, N. *see* Adriaenssens, G.J. 94414
Qamhieh, Z. *see* Trenkler, T. 84532
Qamhiyah, A.Z., Venter, R.D., Benhabib, B. Geometric reasoning for the extraction of form features 108521
Qasaimeh, O. *see* Zebda, Y. 105092
Qassem, W. *see* Al-Nashash, H. 80383
Qayyum, H. Using IVDS and VBI for interactive television 109957
Qhalid Fareed, R.S., Dhanasekaran, R. Liquid phase electro-epitaxy: novel technique for growth of epitaxial layers suitable for semiconductor devices 103999
Qi, L. *see* Jiang, H. 92510
Qi, L. *see* Wei, Z. 82463
Qi, M. *see* Chen, J.X. 103897
Qi, M. *see* Chen, J.X. 103956
Qi, M. *see* Li, A.Z. 103871
Qi, N., Ayers, M.J., Butcher, G., Carter, D.J. Discrete emitters for remote-source lighting systems 112588
Qi, R., Coakley, F.P., Evans, B.G. Practical consideration for bandpass sampling 117298
Qi, W., Sato, M., Yamazaki, T. Precise measurement of capacitor based on digital detecting system 83560
Qi, W. *see* Youfa, W. 76523
Qi, W.J., Li, B.Z., Jiang, G.B., Huang, W.N., Gu, Z.G., Lan, C.H. Study on solid phase epitaxy of sputtered SiGe film 82668
Qi Chen, Shaohua Tan, Yingduo Han, Zonghong Wang Fast valving control using radial-basis function neural network 70662
Qi Dege *see* Dege Qi
Qi Ding *see* Jie-Gu Li 98038
Qi Fan *see* Szi-Wen Chen 120437
Qi Fang *see* Fang Qi
Qi Feihu *see* Liu Jianfeng 98172
Qi Feihu *see* Shen Dinggang 98088
Qi Feihu *see* Shen Liqin 108404
Qi Feihu *see* Feihu Qi
Qi Guo *see* Guo Qi
Qi He Hong, Lettington, A., Gleed, D., Appleby, R. Millimetre wave imaging and image processing 77117
Qi He Hong *see* Lettington, A.H. 119715
Qi Hong Wu *see* Hodgkinson, L. 116064
Qi Hong Wu *see* Hodgkinson, L. 116183
Qi Honghui *see* Honghui Qi
Qi Li *see* Pang-Jen Kung 95303
Qi Li *see* Li Qi
Qi Lin Zhang *see* Zhang Qi Lin
Qi Liyun *see* Shi Jiawei 75968
Qi Long Bi *see* Bi Qi Long
Qi Luo *see* Hai-Ming Wu 82756
Qi Luo *see* Luo Qi
Qi Pan, Green, R.J. Preclipping AM/QAM hybrid lightwave systems with bandstop filtering 88614
Qi Pan, Green, R.J. Amplitude density of infrequent clipping impulse noise and bit-error rate impairment in AM-VSB/M-QAM hybrid lightwave systems 118674
Qi Pan *see* Green, R.J. 97879
Qi Song *see* Song Qi
Qi Songxin Full-wave analysis of electrooptic modulator structures 95832
Qi Taiyuan *see* Cai Hanshen 81601
Qi Tian, Bilgutay, N.M., Xing Li An iterative spectral method for multiple target detection 104210
Qi Wang *see* Wang Qi
Qi Wang Song, Xu-Ming Wang, Bussjager, R., Osman, J. Electro-optic beam-steering device based on a lanthanum-modified lead zirconate titanate ceramic wafer 85092
Qi Wang Song *see* Bussjager, R. 116105
Qi Wenkang *see* Wenkang Qi
Qi Xiang, Shaozhong Li, Dawen Wang, Wang, K.L., Couillard, J.G., Craighead, H.G. Interfacet mass transport and facet evolution in selective epitaxial growth of Si by gas source molecular beam epitaxy 82701
Qi Xiang *see* Xiang Qi
Qi Xiang Yang *see* Yang Qi Xiang
Qi Yihong *see* Yihong Qi
Qi Yujin *see* Li Zuyu 69773
Qi Yulu, Kodituwakku, S.R. Finite automation cryptosystem 117189
Qi Zhang, Hoefer, W.J.R., Jifu Huang, Ke Wu Dispersion analysis of TLM node for modeling general anisotropic and gyromagnetic materials 97236
Qi Zhao *see* Zhao Qi
Qi Zhuang *see* Zhuang Qi
Qi-Gang Gao, Wong, A.K.C. View invariant transformations for 3-D object recognition 86887
Qi-Jin Chen AM stereo system by SSB technique 88819
Qi-Jun Zhang *see* Achar, R. 114990
Qi-Jun Zhang *see* Kolbehdari, M.A. 107713
Qi-Jun Zhang *see* Ming Li 85949
Qi-Jun Zhang *see* Williamson, J.M. 60613
Qi-Lian Liang, Zheng Zhou, Ze-Min Lin A new approach to global minimum and its applications in blind equalization 108362
Qi-Liang Xie *see* Xiao-Ping Zhou 70169
Qi-Lue Chen, Yi-Man Wang, Xing-Hui Li, Jin-Jun Feng Investigation of electron tunnelling emitter 74047
Qi-Ming Zhang *see* Zhang Qi-Ming
Qi-Shuang Ma, Jian-Ni Sheng, Ke-Ran Shao, Lang-Ru Li A series method for axisymmetrical eddy current field problems 107772
Qi-Ya Hu *see* Hu Qi-Ya
Qi-Zhong Hong *see* Ting, L. 114985
Qian, J., Batarseh, I. Analysis and Pspice simulation of family of resonant power factor correction circuits 71550
Qian, J. *see* Adams, M. 110591
Qian, K., McDonald, D. An approximation method for complete solutions of Markov-modulated fluid models 77565
Qian, K.X., Wang, S.S., Chu, S.H. Comparative testing of pulsatile impeller total heart and sarns nonpulsatile roller as biventricular assist device in pigs 80476
Qian, L., Benjamin, S.D., Smith, P.W.E. Picosecond optical parametric oscillator tunable around 1.55 μm 76131
Qian, Q. *see* Subramanian, K.R. 98702
Qian, R.J., Huang, T.S. Optimal edge detection in two-dimensional images 77178
Qian, R.J., Huang, T.S. Optimal edge detection in two-dimensional images 77409
Qian, R.J., Huang, T.S. An optimal algorithm far detecting two-dimensional edges 86499
Qian, S. *see* Chen, V.C. 88677
Qian, S. *see* Chen, V.C. 88680
Qian, W., Clarke, L.P., Kallergi, M., Venugopal, P., Clark, R., Silbiger, M., Zheng, B. Application of wavelet transform for image enhancement in medical imaging 80222
Qian, X.R., Hegde, H., Cadieu, F.J. Aligned high magnetization $\mathrm{Nd(Fe,Co,Mo)}_{12}$ films nitrided by N ion implantation 64223
Qian, X.R. *see* Hegde, H. 75279
Qian, Y. *see* Lin, C.H. 116746
Qian, Y.H. *see* Wang, Y.D. 64372
Qian, Y.L., White, M. Positron focusing in the Advanced Photon Source (APS) linear accelerator 89762
Qian, Y.L. *see* White, M. 89764
Qian, Y.T. *see* Chen Qianwang 61311
Qian, Z. *see* He, X. 71423
Qian, Z. *see* He, X. 113758
Qian, Z. *see* He, X. 121558
Qian Bosen Direct programmable tree structure function 93287
Qian Chen *see* Hua Yu 86824
Qian Feng *see* Wu Ying 73707
Qian Jiajun *see* Jiajun Qian
Qian Jian *see* Jian Qian
Qian Jiang *see* Jiang Qian
Qian Leijia *see* Zheng Yuxia 96181
Qian Li *see* Li Qian
Qian Liejia *see* Wang Ruisheng 65060
Qian Peixin *see* Peixin Qian
Qian Qian, Davidson, R.C. Nonlinear dynamics of intense ion beam envelopes 69676
Qian Qian *see* Qian Qian
Qian Sheng *see* Zhang Qiming 81644
Qian Shie *see* Shie Qian
Qian Sun, Jingjun Xu, Simin Liu, Guoxiang Lan, Chunping Zhang, Guangyin Zhang The influence of longitudinal modes of lasers on the photorefractive two wave coupling 96642
Qian Tao *see* Hua Hui 69820
Qian Tian *see* Tian Qian
Qian Wang *see* Wang Qian
Qian Wei, Cheng Zhaoji, Qian Yong Research on nonsinusoidal power system in electric power system 80786
Qian Wei *see* Wei Qian
Qian Weidong *see* Weidong Qian
Qian Xiaoying *see* Xiaoying Qian
Qian Xing *see* Hua Hui 69820
Qian Xu *see* Xu Qian
Qian Yi *see* Yi Qian
Qian Yitai *see* Yitai Qian
Qian Yong *see* Qian Wei 80786
Qian Yongbiao *see* Sang Wenbin 105169
Qian Yongxi *see* Yongxi Qian
Qian You-Hua *see* You-Hua Qian
Qian Youhua *see* Youhua Qian
Qian Yujun *see* Yao Zhixin 65032
Qian Zhang *see* Bhatia, R. 101606
Qian Zhaogang *see* Zhaogang Qian
Qian Zhaoming *see* Zhaoming Qian
Qian Zhongqiang *see* Zhongqiang Qian
Qian Zubao *see* Zubao Qian
Qian-Yu Zhang *see* Tian-Ying Li 74010
Qiang, H. *see* Moneger, S. 76043
Qiang Chen, Fuscco, V.F. FDTD diakoptic design of a slot-loop antenna excited by a coplanar waveguide 117019
Qiang Chen, Fusco, V.F. A new algorithm for analysing lumped parameter elements within the 3-D FDTD method 93070
Qiang Chen *see* Fusco, V.F. 73659
Qiang Huang, Ashley, P.R. Achromatic waveguide coupling with a hybrid grating-mirror 97229
Qiang La *see* La Qiang
Qiang Li, Fan, H., Karlsson, E. A delta MYWE algorithm for parameter estimation of noisy AR processes 66832
Qiang Li *see* Agasaveeran, S. 109109
Qiang Li *see* Gustavson, D.B. 98760
Qiang Lin *see* Xuanhui Lu 85406
Qiang Lin *see* Lin Qiang
Qiang Liu *see* Liu Qiang
Qiang Lu *see* Yuanzhang Sun 80820
Qiang Lu *see* Lu Qiang
Qiang Ren *see* Dighe, R. 87484
Qiang Ren *see* Melamed, B. 72424
Qiang Ren *see* Ramamurthy, G. 77660
Qiang Shen, Krzymien, W.A. Performance improvement of closed-loop power control in CDMA cellular mobile communication systems 109415
Qiang Song *see* Esogbue, A.O. 120982
Qiang Su *see* Su Qiang
Qiang Wang *see* Bo Wu 67848
Qiang Wang *see* Bo Wu 87381
Qiang Wang *see* Bo Wu 118642
Qiang Wang *see* Mao Zeng 65869
Qiang Wang *see* Mo-Han Fong 78576
Qiang Wang *see* Pichna, R. 87984
Qiang Wang *see* Sanada, Y. 65889
Qiang Wang *see* Wang Zhaocheng 119086
Qiang Wu, Testa, M., Larkin, R. Linear RF power amplifier design for CDMA signals 82981
Qiang Wu *see* Stoica, P. 66698
Qiang Wu *see* Stoica, P. 66715
Qiang Wu *see* Wu Qiang
Qiang Xifu *see* Zhang Qixin 80688
Qiang Xue *see* Yongan Shui 106470
Qiang Zhang, Mlsna, P.A., Rodriguez, J.J. A recursive technique for 3-D histogram enhancement of color images 77444
Qiang Zhang *see* Zhang Qiang
Qiangshen Xiang *see* Kan Zhang 119207
Qiangsheng Xiang *see* Xiang Qiangsheng
Qianjun Xu *see* Xu Qianjun
Qiantu Ruan *see* Ruan Qiantu
Qianwang Chen, Xiaoguang Li, Yitai Qian, Jingsheng Zhu, Guien Zhou, Weiping Zhang, Yuheng Zhang Photoluminescence in ultrafine zinc sulfide thin film 74259
Qianwang Chen *see* Chen Qianwang

Qiao, G.W. *see* Zhang, C. 75295
Qiao, M., Morikawa, H., Mizumachi, M. Real-time air traffic flow management: expectations and probabilities of delay 80588
Qiao, X., Fukunaga, O., Shinoda, N., Yui, K. Enhancement of diamond nucleation on alumina substrates by the activated species transport method 104116
Qiao Changge *see* Changge Qiao
Qiao Chunming *see* Chunming Qiao
Qiao Donghai *see* Gong Junjie 75066
Qiao Guiwen *see* Yang Zongquan 95444
Qiao Li, Sotteau, D., Junming Xu 5-diameter of de Bruijn graphs 92454
Qiao Shengzhong, Rinard, P.M., Adams, E.L., Augustson, R.H. Determination of uranium and plutonium in simulant mixture samples by ^{252}Cf shuffler 69817
Qiao Wenwei *see* Wenwei Qiao
Qiao Xiangzhen *see* Xiangzhen Qiao
Qiao Xiaolin, Liu Yongtan Fast polarization filtering for radio disturbance suppression 99612
Qiaobing Xie, Ward, R.K., Laszlo, C.A. Automatic assessment of infants' levels-of-distress from the cry signals 101051
qiaolin Ding *see* Ding qiaolin
Qiaoya Lou *see* Lou Qiaoya
Qibin Sun *see* Yimin Cheng 86811
Qibing Pel *see* Yang Yang 64952
Qicheng Yu, Sechen, C. A unified approach to the approximate symbolic analysis of large analog integrated circuits 95166
Qicheng Yu, Sechen, C. Generation of colour-constrained spanning trees with application in symbolic circuit analysis 113658
Qidong Wei *see* Wei Qidong
Qidwai, M.A. *see* Sottos, N.R. 92977
Qifan Hu *see* Hu Qifan
Qiguang Yang *see* Haosheng Fei 116676
Qiguang Zhang *see* Zhang Qiguang
Qihang Li, Bras, R.L., Veneziano, D. Analysis of Darwin rainfall data: implications on sampling strategy 90799
Qihang Wei *see* Wei Qihang
Qihong Huang, Lee, F.C. Harmonic reduction in a single-switch, three-phase boost rectifier with high order harmonic injected PWM 121664
Qihong Lou *see* Lou Qihong
Qihua Shen, Wenzhang Zhu, Yujiang Wang, Suntao Wu, Yushuang Cai Study of the photovoltage and adsorption properties of tin oxide/porous silicon/silicon 89188
Qihua Shen *see* Shen Qihua
Qijin Chen, Zhangda Lin Experimental approach to the mechanism of the negative bias enhanced nucleation of diamond on Si via hot filament chemical vapor deposition 92815
Qijin Chen *see* Chen Qijin
Qika Jia *see* Jia Qika
Qilian Liang *see* Liang Qilian
Qilun Zheng *see* Zheng Qilun
Qimin Yang *see* Yang Qimin
Qiming, W. *see* Feike, X. 95823
Qiming He, Lishan Kang Schwarz algorithm for nonlinear generalized Schrodinger systems–complete discrete problem 72690
Qiming Wang *see* Wang Qiming
Qiming Zhan, Manson, A.H., Meek, C.E. The impact of gaps and spectral methods on the spectral slope of the middle atmospheric wind 90812
Qiming Zhang *see* Baomin Xu 119633
Qiming Zhang *see* Zhang Qiming
Qin, C.-D. *see* Ku, N.C. 115514
Qin, C.-D. *see* Ng, D.H.L. 75112
Qin, G.G. *see* Jia, Y.Q. 64910
Qin, L.H. *see* Yang, K. 105188
Qin, R. *see* Rahman, M.A. 111927
Qin, S., Shang, H.M., Giam, C.L., Tee, C.E. Holographic evaluation of edge delamination in bars bonded to a rigid support with foam-adhesive 92993
Qin, S., Shang, H.M., Tee, C.E., Liu, W. Holographic assessment of surface crack depths in rectangular bars 61498
Qin, W. *see* Goel, N.S. 111131
Qin, Y. *see* Balendra, R. 92640
Qin, Y. *see* Ciric, I.R. 107865
Qin, Y.-W., Bao, N.-K. Infrared thermography and its application in the NDT of sandwich structures 61500
Qin, Z., Dost, S. A model for liquid phase electroepitaxial growth of ternary alloy semiconductors. II. Application 104018
Qin, Z. *see* Dost, S. 104017
Qin, Z. *see* Kimura, M. 72812
Qin Bin *see* Gao Wanrong 100354
Qin Dahua *see* Dahua Qin
Qin Dong *see* Dong Qin
Qin Fu *see* Fu Qin
Qin Fuwen *see* Liu Baolin 75918
Qin Honggu *see* Honggu Qin
Qin Hua *see* Hua Qin
Qin Jiayin *see* Jiayin Qin
Qin Jie, Zhao Zongqiang Problems existed in EMS's μ4F scanning software and remedial measure 111500
Qin Jie, Zhao Zongqiang Existing problems and solution method of μ4F scan software of automatic system in Shanghai dispatching centre 121045
Qin Jie *see* Jie Qin
Qin Kaihuai A new algorithm for degree-raising of nonuniform B-spline curves 113221
Qin Li *see* Rong-Sheng Chen 75480
Qin Lijun *see* Zhang Zhongli 80771
Qin Ming *see* Ming Qin
Qin Shi-Cai *see* Shi-Cai Qin
Qin Shu *see* Shu Qin
Qin Sun *see* Sun Qin
Qin Ting-Kai *see* Li Yong 62214
Qin Tingkai Computation of conductor losses of microstrips and finlines by the method of lines 65974
Qin Wang *see* Wang Qin
Qin Weifang *see* Zhu Zhencai 75603
Qin Xia *see* Xia Qin
Qin Xinhua *see* Xinhua Qin
Qin Yao-Kun *see* Yao-Kun Qin
Qin Yi *see* Hu Jianan 79348
Qin Yihong *see* Gao Feng 70740
Qin Yihong *see* Sun Hongbo 91071
Qin Yonglie The plan evaluation for optimisation of preventive maintenance of process control system/instrument in large scale power stations 102340
Qin Yu, Newman, E.H., Sebo, S.A., Caldecot, R. Numerical method for estimating the electromagnetic parameters of shielding materials 116938
Qin Yu *see* Yu Qin
Qin Yu-Wen *see* Yu-Wen Qin
Qin Yuwen *see* Yuwen Qin
Qin Zhang, Danskin, J.M. A pattern-based lossy compression scheme for document images 117748
Qin Zhang *see* Zhang Qin
Qin Zhao *see* Zhao Qin
Qin Zhengqing, Huang Feili, Li Fahai Fully digitized vector control system based on MCS-8097BH microprocessor for induction motor drive 112436
Qin Zhigang *see* Zhigang Qin
Qincheng Bi *see* Bi Qincheng
Qindong Yao *see* Yao Qindong
Qinfen Tu *see* Tu Qinfen
Qinfen Wang *see* Wang Qinfen
Qing Cai The development of a practical bow-tie polarization-maintaining fiber for coupler 75481
Qing Chen, Fischer, T.R. Robust quantization for transmission over noisy channels 66224
Qing Chen, Fischer, T.R. Robust quantization for image coding and noisy digital transmission 86721
Qing De-Kui *see* De-Kui Qing
Qing Gao *see* Gao Qing
Qing He *see* He Qing
Qing Hu *see* Smet, J.H. 85483
Qing Hu *see* Verghese, S. 95944
Qing Jiang *see* Sang-Joo Kim 84685
Qing Jiang *see* Yongqiang Wang 106325
Qing Jiang *see* Yongzhong Huo 64076
Qing Jiang *see* Yongzhong Huo 95276
Qing Kang, Liangying Zhang, Xi Yao Heat flow and detectivity of multilayer thin-film pyroelectric detector 69181
Qing Li *see* Li Qing
Qing Pan *see* Pan Qing
Qing Sihan Some notes on formal analysis of authentication protocols 97517
Qing Sun *see* Sun Qing
Qing Tan, Lee, Y.C. Soldering technology for optoelectronic packaging 112916
Qing Wang The exploitation of a multidisciplinary approach in studying the R&D/marketing interface with some empirical evidence 72159
Qing Wang *see* Jinbang Chen 119903
Qing Wang *see* Wang Qing
Qing Wu *see* Xu Pei-Xia 118511
Qing Wu *see* Wu Qing
Qing Xia *see* Xia Qing
Qing Xiang *see* Ray-Chaudhuri, D.K. 72402
Qing Xiang *see* Xiang Qing
Qing Xianming *see* Shen Liying 97340
Qing Xiaojun, Sha Weimin A novel method of axial sway measurement and data processing for optical instruments 100327
Qing Xinlin *see* Xinlin Qing
Qing Yang *see* Chi-Ming Chung 77926
Qing Zhang, Takashima, H., Kumeda, M., Shimizu, T. Photocreated neutral dangling bonds in N-doped and undoped a-Si:H films 94406
Qing Zhong Li *see* Li Qing Zhong
Qing Zhu, Dai, W.W.M. Chip and package co-design technique for clock networks 60657
Qing Zhu, Dai, W.W.M. High-speed clock network sizing optimization based on distributed RC and lossy RLC interconnect models 104650
Qing Zhu, Wayne Wei-Ming Dai Planar clock routing for high performance chip and package co-design 62000
Qing-An Huang Field emission from silicon covered with a thin oxide layer 73942
Qing-An Huang, Ming Qin, Hui-Zhen Zhang Silicon wafer bonding for sealed vacuum microelectronic devices 74008
Qing-Gang Meng *see* Meng Qing-Gang
Qing-Guang Liu, Champagne, B., Kabal, P. A microphone array processing technique for speech enhancement in a reverberant space 97637
Qing-Guang Liu, Ying-Ning Peng Analysis of array errors and a short-time processor in airborne phased array radars 68622
Qing-Jie Zhou *see* Zhou Qing-Jie
Qing-Ming Chen *see* Jun Li 73976
Qing-Ming Chen *see* Nakamoto, E. 107824
Qing-Ming Zeng *see* Zeng Qing-Ming
Qing-Tai Zhao, Zhong-Lie Wang Reduction of secondary defects and diffusion of B atoms in BF$_2$-implanted Si(100) by ion-beam defect engineering 84109
Qing-Yu Fan, Bao-An Ma, Xiu-Chun Qiu, Yu-Lin Li, Jun Ye, Yong Zhou Preliminary report on treatment of bone tumors with microwave-induced hyperthermia 90563
Qing-Yuan Jin *see* Shi-Ming Zhou 84811
Qing-Yun Shi *see* Shi Qing-Yun
Qingcheng Zheng *see* Zheng Qingcheng
Qingchun Zhao, Yun Liu, Wensheng Shi, Wei Ren, Liangying Zhang, Xi Yao Nonlinear optical properties of lanthanum doped lead titanate thin film using Z-scan technique 85694
Qingding Guo *see* Guo Qingding
Qingdong Yao *see* Yao Qingdong
Qingfan Zhang *see* Zhang Qingfan
Qingfu Du *see* Du Qingfu
Qingfu Hou *see* Hou Qingfu
Qingfu Li *see* Li Qingfu
Qinghao Meng *see* Yicai Sun 69433
Qinghe Mao *see* Mao Qinghe
Qinghong Wu *see* Sehgal, N.K. 104265
Qinghua Ma *see* Ma Qinghua
Qingji Guo *see* Guo Qingji
Qingji Wang *see* Wang Qingji
Qingji Zeng *see* Yuxu Yeh 95815
Qingjian Yu, Kuh, E.S. Accurate and simple time domain model of interconnects modeled as transmission line networks 82260
Qingjian Yu *see* Tianxiong Xue 62528
Qingjun Xiao, Navratil, G. A photodiode for the measurement of soft X-ray radiation from plasma 120244
Qingkui Yu *see* Haiming Deng 87144
Qingli Liu, Subramaniam, B. A diversity combined MAP detection technique for digital cellular/wireless applications 108341
Qinglin Xiao *see* Xiao Qinglin
Qinglong Liang *see* Hofmann, W. 71762
Qingmin Hu *see* Carney, T. 108538
Qingming Huang *see* Huang Qingming
Qingming Lu *see* Lu Qingming
Qingming Shu, Hongyi Chen An efficient implementation of motion estimation algorithms 93423
Qingpu Wang, Shengzhi Zhao, Xingyu Zhang, Lianke Sun, Shaojun Zhang Laser demonstration of a diode-laser-pumped Nd:Sr$_5$(PO$_4$)$_3$F crystal 85408
Qingpu Wang, Shengzhi Zhao, Xingyu Zhang, Lianke Sun, Shaojun Zhang Research on laser characteristics of low threshold high-efficiency Nd:Sr$_6$(PO$_4$)$_3$F crystal 96220
Qingpu Wang *see* Shengzhi Zhao 96221
Qingpu Wang *see* Wang Qingpu
Qingquan Han, Yanmei Gao, Yirong Jia CMOS realization of continuous-time filter 83212
Qingquan Lei *see* Lei Qingquan
Qingshan Jiang, Suzuki, H. Fuzzy measures on metric spaces 113142
Qingsong Chen *see* Chen Qingsong
Qingtai Zhao *see* Zhao Qingtai
Qingxia Liu, Zhenghe Xu Functionalization and applications of nanosized γ-Fe$_2$O$_3$ particles 64284
Qingxiang Liu *see* Liu Qingxiang
Qingxin Chen, Sousa, E.S., Pasupathy, S. Multi-carrier DS-CDMA with adaptive sub-carrier hopping for fading channels 88313
Qingxin Yang *see* Yang Qingxin
Qingxin Zhang, Litian Liu, Zhijian Li The study of the convex corner compensation in anisotropic wet etching of (100) Si in aqueous KOH 84174
Qingyi He *see* Youshu-Huang 89152
Qingyou Chen Relationship between fatigue of generation II image intensifier and input illumination 79534
Qingyue, H., Luming, S. Design of a new sensing digitizer for image input 69280
Qingyue, H., Zhilin, I. Study of two ECG data compression technology 120455
Qingyue Wang *see* Yuzhen Shen 107494
Qingyue Wang *see* Yuzhen Shen 107495
Qingyue Wang *see* Wang Qingyue
Qingyun Shi *see* Tao Xia 97997
Qingyun Yuan *see* Yuan Qingyun
Qingzdang Liu *see* Xianyang Zhu 62231
Qingzhe Wen *see* Vojta, A. 104886
Qingzheng Luo *see* Luo Qingzheng
Qingzhi Peng, Bertram, H.N., Doerner, M. Micromagnetic studies of inhomogeneous CoPtCr bicrystal thin-film media 64224
Qinhui Zhou *see* Zhou Qinhui
Qinlin Guo, Linlin Gui, Nianzu Wu CuCl growth on the reconstructed surface of (0001) haematite 92705
Qinqi Chen *see* Chen Qinqi
Qinrong Yu, Quixiong Wang High heat-dissipation-efficiency discharge tube for ion lasers with an Al$_2$O$_3$ ceramic-copper sandwich structure 65011
Qinru Qiu *see* Qiu Qinru
Qinwo Shen *see* Lianwei Wang 82667
Qinyi Zhou *see* Zhou Qinyi
Qiong Li, Jingfang Xu, Haibo Song, Xinfu Liu The instability and reliability of silicon field emission array 73984

Qiong Li, Xunwei Zhou, Lee, F.C. A novel ZVT three-phase rectifier/inverter with reduced auxiliary switch stresses and losses 121579
Qiong Li *see* Haibo Song 83752
Qiongna Ru *see* Guangping Li 84069
Qiongna Ru *see* Xiukun He 83853
Qipei Zhang *see* Zhang Qipei
Qiping Wang *see* Ming Sun 62427
Qiping Wang *see* Wang Qiping
Qiren Zhang *see* Zhang Qiren
Qiren Zhu *see* Zhu Qiren
Qirong Jiang *see* Jiang Qirong
Qirong Xing *see* Yuzhen Shen 107494
Qirong Xing *see* Yuzhen Shen 107495
Qirong Xing *see* Xing Qirong
Qirui Zhang *see* Zhang Qirui
Qishan Wang *see* Wang Qishan
Qishao Zhang *see* Zhang Qishao
Qiu, C.H., Melton, W., Leksono, M.W., Pankove, J.I., Keller, B.P., DenBaars, S.P. Photocurrent decay in n-type GaN thin films 94357
Qiu, C.H. *see* Torvik, J.T. 116213
Qiu, C.X. *see* Qiu, S.N. 62775
Qiu, G. *see* Cain, W. 115667
Qiu, J., Tani, J., Takagi, T., Ohtomo, K., Kosugo, K. Control of forced vibration of a cylindrical shell using the hybrid control method 115448
Qiu, J.H. *see* Cheng, G.G. 115460
Qiu, L., Koh, S.N. Optimal estimation of the fundamental frequency of speech signals 76862
Qiu, M., Sood, V.K., Jin, H. Evaluation of harmonic impedance presented by a thyristor controlled AC load 81053
Qiu, R.C., I-Tai Lu A novel approach with super-resolution and path frequency dependence for channel modeling and application in CDMA cellular system 68164
Qiu, R.C., I-Tai Lu A novel approach with super-resolution and path frequency dependence for channel modeling and application in CDMA cellular system 118835
Qiu, R.C., Lu, I.-T. High-resolution algorithms for multipath resolving and indoor channel modelling 85878
Qiu, S. Generalized dual Gabor atoms and best approximations by Gabor family 77052
Qiu, S.N., Qiu, C.X., Shih, I. Diffusion length measurements on electrodeposited CuInSe$_2$ cells 62775
Qiu, W., Hua, Y. Performance analysis of the subspace method for blind channel identification 86184
Qiu, W. *see* Lachapelle, G. 99693
Qiu, X., Batchelor, K., Ben-Zvi, I., Wang, X.-J. Demonstration of emittance compensation through the measurement of the slice emittance of a 10-ps electron bunch 69654
Qiu, X., Li, V.O.K. Dynamic reservation multiple access (DRMA): a new multiple access scheme for personal communication system (PCS) 88245
Qiu, X.Z., Wang, X.J., Batchelor, K., Ben-Zvi, I. Transition radiation electron beam diagnostic study at ATF 100561
Qiu, X.Z., Wang, X.J., Batchelor, K., Ben-Zvi, I. Conceptual design of a charged particle beam energy spectrometer utilizing transition radiation grating 100988
Qiu, X.Z. *see* Babzien, M. 96556
Qiu, Y., El-Emawy, A.A., Osinsky, A., Littlefield, E., Temkin, H. Se species in metalorganic molecular beam epitaxy of ZnSe 72758
Qiu, Y. *see* Leung, K.M. 97149
Qiu, Z.Q. *see* Kawakami, R.K. 64354
Qiu Bensheng, Yang Jinan, Zhang Diancheng A non-center tracking gate method for multitarget tracking 86234
Qiu Bin *see* Bin Qiu
Qiu Bingsheng *see* Bingsheng Qiu
Qiu Guohua *see* Mao Dali 104889
Qiu Hu En *see* En Qiu Hu
Qiu Jiaju *see* Han Zhenxiang 111453
Qiu Lijun, Zhou Zhimin, Liang Diannong Studies of subarray adaptive digital beamforming for sparse phased array radar 119280
Qiu Mao Lin *see* Mao Lin Qiu
Qiu Maolin *see* Maolin Qiu
Qiu Nanyuan *see* Li Jianming 110251
Qiu Peihua *see* Peihua Qiu
Qiu Peiliang *see* Cheng Bangyuan 104406
Qiu Qinru *see* Cheng Bangyuan 104406
Qiu Ruman *see* Ruman Qiu
Qiu Runzhi, Wang Manying Some properties of ATC and the rate of advantage for telephone management 118269
Qiu Shui Sheng *see* Chen Wen 104387
Qiu Tianshuang *see* Tianshuang Qiu
Qiu Xiaohui *see* Xiaohui Qiu
Qiu Xiaoxin *see* Xiaoxin Qiu
Qiu Xiaoyan, Li Xingyuan, Song Yonghua, Liu Hongchao, Liu Junyong Comparison of load models using artificial neural networks and recursive least-squares identification 111455
Qiu Xiu-Chun *see* Xiu-Chun Qiu
Qiu Yongjian *see* Larmat, F. 104896
Qiu Yuane *see* Yuane Qiu
Qiu Yufeng *see* Zhang Wentao 91245
Qiu Zhengding *see* Zhang Haitao 117953
Qiu Zhengfen *see* Wang Shaolin 66927
Qiu Zhi-ren *see* Zhi-ren Qiu
Qiu Ziming *see* Ziming Qiu
Qiudao Zhang *see* Zhang Qiudao
Qiujie Dong *see* Bernadas, S. 79200
Qiuliang Wang, Luguang Yan, Changlian Yi Study of full-wave superconducting rectifier-type flux-pumps 95619
Qiuming Zhu Efficient evaluations of edge connectivity and width uniformity 87181
Qiuming Zhu, Payne, M., Riordan, V. Edge linking by a directional potential function (DPF) 87183
Qiuqin Sheng *see* Sheng Qiuqin
Qiuting Huang A MOSFET-only continuous-time biquadratic filter 93554
Qiuting Huang Mixed analog/digital, FIR/IIR realization of a linear-phase lowpass filter 104655
Qiuting Huang, Rogenmoser, R. Speed optimization of edge-triggered CMOS circuits for gigahertz single-phase clocks 63935
Qiuting Huang *see* Basedau, P. 93606
Qiuting Huang *see* Burger, T. 104370
Qiuting Huang *see* Kuratli, C. 61627
Qiuting Huang *see* Kuratli, C. 73575
Qiuting Huang *see* Piazza, F. 78636
Qiuting Huang *see* Rogenmoser, R. 61733
Qiuting Huang *see* Huang Qiuting
Qiuxia Xu *see* Xu Qiuxia
Qiwei Liao *see* Liao Qiwei
Qixiang Cao *see* Cao Qixiang
Qixiang Pang *see* Pang Qixiang
Qixiang Yao *see* Xueyin Lin 86781
Qixin Huang *see* Hohkawa, K. 84738
Qixin Huang *see* Ono, K. 113615
Qixin Zhang *see* Zhang Qixin
Qixiu Chen *see* Chen Qixiu
Qixun Yang *see* Yang Qixun
Qiyang Xu *see* Xu Qiyang
Qiying Chen *see* Chen Qiying
Qiyu Cai *see* Cai Qiyu
Qiyu Sun Refinable functions with compact support 103712
Qiyun Zhang *see* Zhang Qiyun
Qize Ran *see* Ran Qize
Qu, C.K. *see* Zhang, J.M. 72684
Qu, G., Parker, A. Continuous HEMT model for SPICE 84487
Qu, J. *see* Shepherd, R.R. 112970
Qu, M.X. *see* Chen, M.J. 96953
Qu, M.X. *see* Chen, M.J. 104205
Qu, M.X. *see* Chen, M.J. 107759
Qu, M.X. *see* Zhao, Y. 107788
Qu, P.Y. *see* Gosling, I.G. 65813
Qu, W.F., Masaki, Y., Kitagawa, A., Suzuki, M. Effects of high temperature rapid thermal annealing using a flat gas flame on the electrical properties of phosphorus-doped polycrystalline silicon films 74513
Qu, Z. *see* Batarseh, I. 104345
Qu, Z. *see* Gan, D. 121077
Qu, Z. *see* Gonzalez, A.J. 111427
Qu, Z. *see* Hu, J. 71292
Qu Dexing *see* Gan Zhongmin 104816
Qu Hengxin *see* Hengxin Qu
Qu Jianmin *see* Jianmin Qu
Qu Jin, Zhi-Quan Luo, Kon Max Wong Optimum filter banks for signal decomposition and its application in adaptive echo cancellation 73559
Qu Li *see* Palchetti, L. 95763
Qu Liang *see* Yunqi Liu 79592
Qu Liangsheng *see* Liangsheng Qu
Qu Mao *see* Jun Yang 64317
Qu Ming *see* Ming Qu
Qu Minxing *see* Minxing Qu
Qu Ruibin *see* Ruibin Qu
Qu Wenlong, Liu Ke, Wang Yaoming, Liu Shixiang Method of drive and rapid protection for high power IGBTs 104309
Qu Wenmin Effect of electrode materials on the sensitive properties of the thick-film ceramic humidity sensor 69575
Qu Xiaoqing *see* Xiaoqing Qu
Qu Xun *see* Xun Qu
Qu Zheng *see* Fang Qi 85625
Qu Zhi Hao Analysis of photoelectric hybridization measurement on shearing force for flat shearer 119890
Qu Zhongkai *see* Zhao Dachun 92848
Qua, G.J. *see* Kirtania, A.K. 63584
Quaas, H.-R. Fully automatic people mover system "Sky Line" for Frankfurt/Main 91834
Quach, B., Leung, H., Lo, T., Litva, J. Radar target identification using multifractal geometry 119293
Quach, T. *see* Anholt, R. 74698
Quach, T. *see* Dettmer, R. 93804
Quach, T. *see* Jenkins, T. 74704
Quach, T. *see* Osman, H. 119327
Quade, W. *see* Wieting, T.J. 79676
Quader, K.N. *see* Watanabe, Y. 61898
Quader, K.N. *see* Watanabe, Y. 93381
Quadir, L. *see* Khaliquzzaman, M. 94448
Quadri, J.M. *see* Molinet, F. 65799
Quadri, S. *see* Pattavina, A. 78533
Quadros, G. *see* Monteiro, E. 118205
Quaeyhaegens, C. *see* Meykens, K. 92741
Quaeyhaegens, C. *see* Nesladek, M. 94693
Quagliano, J.R., Stoutland, P.O., Petrin, R.R., Sander, R.K., Romero, R.J., Whitehead, M.C., Quick, C.R., Tie, J.J., Jolin, J. Spectroscopic analysis of infrared DIAL measurements 110427
Quagliano, J.R. *see* Petrin, R.R. 111116
Quaglino, R. *see* Diazzi, C. 122074
Quah, L.T.S., Wong, W.K., Phang, J.C.H., Chan, D.S.H., Ho, P.Y.S. A study of integrated circuit I-V characteristics using a fault localization system [FLS] 79254
Quaia, S., Tosato, F. Short-circuit current limitation in power systems by series-parallel resonant circuit 102271
Quaia, S. *see* Giadrossi, G. 103090
Quaicoe, J.E. *see* Abdel-Rahim, N. 121585
Quaicoe, J.E. *see* Abdel-Rahim, N.M. 81567
Quaicoe, J.E. *see* Mehrotra, P. 121472
Quak, E. Trigonometric wavelets for Hermite interpolation 60921
Quam, L.H., Heller, A.J. Coordinate systems and transformations for 3-dimensional modeling: the unifying concept in the RADIUS common development environment 66869
Quamrul Islam, M. *see* Sadrul Islam, A.K.M. 71211
Quan, C. *see* Sturdivant, R. 83478
Quan, C. *see* Sturdivant, R. 83479
Quan, D.T. Deep levels in Au-PO$_x$N$_y$H$_z$-(n)InP MIS structures 74501
Quan, D.T. *see* Hbib, H. 94615
Quan Bailu, Zhu Xiqiao, Burton, R.S. Tian-Guang HVDC transmission project fundamental frequency overvoltage and overvoltage limiting measures for Tianshengqiao converter station 81002
Quan Long *see* Long Quan
Quan Nguyen *see* Sanchez, H. 73466
Quan Sun, Langendorfer, H. Routing multipoint connections in VP-based ATM networks 117973
Quan Taifan, Yuan Yeshu, Yang Yongsheng, Yu Changjun The topology structure of RBP-MFR fusion 108241
Quan Wen On renegotiation-proof equilibria in finitely repeated games 72458
Quan Wuyun *see* Zhang Guowei 79429
Quan Zeng *see* Cailan Xiang 84534
Quan Zheng *see* Kostreva, M.M. 103688
Quan-Fa Li, Chen-Yang Yang, Shao-Hong Li A CFAR algorithm for close-spaced targets 119310
Quan-Long Ding, Liew, S.C. A performance analysis of a parallel communications scheme for ATM networks 77653
Quan-Long Ding, Liew, S.C. Equivalent bandwidths of parallel communications schemes in ATM networks 117950
Quan-Ming Chang *see* Cheng-Yuan Liou 108614
Quanbo Zou, Zhijian Li, Litian Liu Study of methods for measuring mechanical properties of thin films in microelectromechanical systems (MEMS) 89519
Quanbo Zou, Zhijian Li, Litian Liu Design and fabrication of silicon condenser microphone using corrugated diaphragm technique 111361
Quance, T. *see* Landheer, D. 61407
Quande Wu *see* Wu Quande
Quandt, B., Sabharwal, C.L. MPEG video encoding–parallelization and optimal performance 86978
Quandt, E., Halene, C., Holleck, H., Felt, K., Kohl, M., Schlossmacher, P., Skokan, A., Skrobanek, K.D. Sputter deposition of TiNi, TiNiPd and TiPd films displaying the two-way shape-memory effect 82782
Quandt, E., Katsch, H.-M., Mark, P. Electron energy dynamics in a RF discharge with trapezoidal driving voltage: comparison of experiment and particle-in-cell Monte Carlo collision simulation 104982
Quang, V.X., Son, N.M., Yen, P.T., Mai, T.H., Huettl, B., Troppenz, U., Mauch, R.H. Thermoluminescence and photostimulated luminescence of calcium halophosphate doped with Eu 106958
Quang Mai *see* Efland, T. 106209
Quang Nguyen Phung *see* Nguyen Phung Quang
Quanhua Liu, Ruprecht, E. Radiative transfer model: matrix operator method 107926
Quansheng Zhang *see* Zhang Quansheng
Quanshi Xia *see* Xia Quanshi
Quanta Lin *see* Lin Quanta
Quante, M. *see* Danne, O. 90764
Quanzhong Jiang *see* Jiang Quanzhong
Quaranta, A. *see* Gonella, F. 75555
Quaranta, F. *see* Augelli, V. 62760
Quaranta, F. *see* Valentini, A. 61433
Quaranta, F. *see* Valentini, A. 69788
Quarles, C.A. *see* Dryzek, J. 110635
Quarles, G.J. *see* Bayramian, A.J. 96193
Quarles, G.J. *see* Castillo, V.K. 64596
Quarterman, J.S. Opinion: participatory speech wins 118371
Quaschning, V., Hanitsch, R. Numerical simulation of photovoltaic generators with shaded cells 102973
Quaschning, V., Hanitsch, R. Numerical simulation of current-voltage characteristics of photovoltaic systems with shaded solar cells 112407
Quast, K.W. *see* Sturhahn, W. 69901
Quate, C.F. *see* Manalis, S.R. 119619
Quattrini, R. *see* Monahan, K. 115079
Quattropani, A. *see* Stanley, R.P. 62860
Quayle, J.A. Development of the access network 67948
Quddus, A. *see* Taher Abuelma'atti, M. 83201
Quddus, A. *see* Taher Abuelma'atti, M. 83202
Que Duanlin *see* Zhang Xiwen 83790
Que Duanlin *see* Duanlin Que

Queen, W.J. *see* Gaddis, N.B. 73429
Queffelec, P., Gelin, P. Influence of higher order modes on the measurements of complex permittivity and permeability of materials using a microstrip discontinuity 79670
Queinnec, F. *see* Sadoulet, B. 100818
Queirolo, G. *see* Polignano, M.L. 84077
Queiroz, A.C.M.de *see* de Queiroz, A.C.M.
Queiroz, I.S., Jr., da Costa, O.S.D., Fernandes, H.C.C. Characteristic propagation of the shielded high-Tc superconducting microstrip lines 93682
Queiroz, M.S.de *see* de Queiroz, M.S.
Queiroz, R.L.De *see* De Queiroz, R.L.
Queisser, H.J., Werner, J.H. Principles and technology of photovoltaic energy conversion 91744
Queisser, H.J. *see* Brendel, R. 103016
Queisser, H.J. *see* Kolodinski, S. 71698
Quel, E.J. *see* Lavorato, M.B. 111199
Quell, P., Reissel, M. On the vanishing displacement current limit for eddy-current problems 116826
Quellec, B. *see* Bjerrum-Niese, C. 68534
Quemener, M. *see* Verhaege, T. 81171
Quen Tserng Hua *see* Hua Quen Tserng
Quenot, G.M. *see* Kraljic, I.C. 95168
Quentel, S., Rodrigo, C., Oton, J.M. Analog gray scale in antiferroelectric liquid crystals 69420
Quenter, D., Doderer, T., Huebener, R.P. Microwave field distribution in superconducting thin film devices 115964
Quenter, D. *see* Kuzmin, L.S. 63815
Quentin, G. *see* Adler, L. 82808
Quentmeier, C. *see* Brauksiepe, S. 100815
Quenzer, H.J., Dell, C., Wagner, B. Silicon-silicon anodic-bonding with intermediate glass layers using spin-on glasses 74943
Quenzer, H.J. *see* Lochel, B. 63991
Quenzer, H.J. *see* Wagner, B. 74956
Queralt, X. *see* Suller, V.P. 79866
Quercia, L. *see* Addonizio, M.L. 61431
Quercigh, E. *see* Antinori, F. 120156
Quere, R. *see* Morales, J. 114277
Quere, R. *see* Viaud, J.P. 73726
Querioz, A.C.M.de *see* de Querioz, A.C.M.
Quernheim, U. *see* Jolfaei, M.A. 118515
Quero, J.M. *see* Carrasco, J.M. 121695
Quero, J.M. *see* Janer, C.L. 97795
Quesada, P. *see* Davis, B.L. 80195
Quesada, P.M., Pitkin, M., Colvin, J., Srinivasan, R. Biomechanical evaluation of a prototype foot/ankle prosthesis 80489
Quesnel, E. *see* Dijon, J. 107465
Quetel, L., Rivoallan, L., Delevaque, E., Poignant, H., Monerie, M., Georges, T. Programmable fiber grating based wavelength demultiplexer 78775
Quevedo, H.A. *see* Makl, R.A. 108659
Quey-Jen Yeh The link between managerial style and the job characteristics of R&D professionals 72176
Qufei Chen *see* Chen Qufei
Qu'Hen, B., Kuhn, W.S., Lusson, A., Gorochov, O. Methylallyltelluride in the MOVPE of ZnTe: dissociation mechanisms and layer growth 74179
Qui, X. *see* Wang, X.J. 89699
Qui, X. *see* Wang, X.J. 96485
Quichaud, G. *see* Saadi, M. 84778
Quick, C.R. *see* Czuchlewski, S.J. 111194
Quick, C.R. *see* MacKerrow, E.P. 109804
Quick, C.R. *see* Petrin, R.R. 110428
Quick, C.R. *see* Petrin, R.R. 111116
Quick, C.R. *see* Quagliano, J.R. 110427
Quigg, C. *see* Gandhi, R. 80113
Quigley, G.P. *see* Czuchlewski, S.J. 111194
Quiles, F., Garrido, A. A simulation environment for reconfigurable multicomputer systems in digital image processing applications 98097
Quilfen, Y. *see* Katsaros, K.B. 111215
Quillec, M. III-V quantum wells and superlattices for optoelectronics: fabrication and applications 72825
Quillec, M. *see* Bearzi, E. 94369
Quillec, M. *see* Meva'a, C. 94371
Quilliam, P.B. *see* Hughes, P.M. 67839
Quimby, D.C. *see* Robinson, K.E. 96553
Quin, P.A. *see* Voytas, P.A. 90104
Quinet, D. *see* McFarland, R.H. 70383
Quing Zhang, Nishino, T., Takashima, H., Kumeda, M., Shimizu, T. Influence of hydrogen content and Si–H bond structure on photocreated dangling bonds in hydrogenated amorphous silicon films 105195
Quinian, K.P. Photoelectrochemical etching of p-InP in nitric acid solutions 114962
Quinlan, C. How can niche/thematic channels gain pay TV distribution in a world dominated by global players? 119371
Quinlan, M. *see* Halfpenny, A. 102563
Quinn, B. *see* Holstein, D. 93764
Quinn, B.M. *see* Fredley, D.S. 89346
Quinn, B.M. *see* Fredley, D.S. 110301
Quinn, C. *see* Wilson, R. 63937
Quinn, D.W. *see* Stright, J.R. 67047
Quinn, J.J., Quinn, J.J. Semimetal-semiconductor transition in InAs-GaSb heterostructures 105296
Quinn, J.J. *see* Quinn, J.J. 105296
Quinn, L.J., Baine, P.T., Mitchell, S.J.N., Armstrong, B.M., Gamble, H.S. Thin film transistor fabrication with in-situ sequential processing 63677
Quinn, M., Migliorato, P. A unified circuit model for the polysilicon thin film transistor 84388
Quinn, M. *see* Fortunate, G. 63678
Quinn, M.J. *see* Kumaran, S. 109110
Quinn, P.D. *see* Fitzgerald, J.B. 100521
Quinn, T.J., Martin, J.E. Total radiation measurements of thermodynamic temperature 119934
Quinn, W.E. *see* Yung-Cheng Lee 96300
Quinnell, R.A. Digital video—a systems overview 67214
Quinones, C. *see* Garcia, C. 82249
Quinones, E.J. *see* John, S. 114569
Quinquis, A., Dugal, C. Detection of transient signals by the wavelet transform 97705
Quinquis, A., Sintes, C., Evennou, F. Analysis of fine structures in celerity profiles for oceanography by wavelets and nonlinear filtering 111274
Quint, T. On one-sided versus two-sided matching games 113089
Quintal, J.-G. 100 micron fine pitch on IBM μLAMINATE PBGA 82234
Quintana, E., Martinez, O. "AITOR": artificial intelligence based teaching of power system operators 80879
Quintana, E., Martinez, O., Alonso, G. Artificial intelligence application to power system teaching and operator training under contingencies: (AITOR) 101703
Quintana, V.H. *see* Canizares, C.A. 101733
Quintana, V.H. *see* Lambert-Torres, G. 121820
Quintenz, J.P. *see* Mehlhorn, T.A. 69637
Quinteros, T., DeWitt, D.R., Paal, A., Schuch, R. Three-dimensional ion beam-profile monitor for storage rings 110521
Quintian, F.P., Rebollo, M.A., Hogert, E.N., Landau, M.R., Gaggioli, N.G. Relationship between speckle correlation and refraction index variations: applications for roughness measurements 79695
Quinton, S. *see* Bindra, R. 90209
Quinton, S. *see* Bindra, R. 100949
Quinton, S.P.H. *see* Galagedera, S.B. 90216
Quinton, S.P.H. *see* Galagedera, S.B. 100941
Quirini, A. *see* Di Dio, M. 83945
Quirino, G.S.Garcia *see* Garcia Quirino, G.S.
Quirk, P.J., Tseng, Y.-C., Adhami, R.R. Efficient wavelet-based voice/data discriminator for telephone networks 118283
Quirke, T. *see* Marple, S.R. 87368
Quiroga-Teixeiro, M.L., Anderson, D., Andrekson, P.A., Berntson, A., Lisak, M. Efficient soliton compression by fast adiabatic amplification 64643
Quiroga-Teixeiro, M.L. *see* Berntson, A. 109627
Quiros Olozabal, A., Gomez Vela, D., Barrientos Villar, J.M. Integrated voltage regulator SPICE model 73083
Quist, S., Martinelli, V., Ikeda, R. Fiber optic gyroscopes in automotive and industrial applications 79468
Quixiong Wang *see* Qinrong Yu 65011
Qun Chen, Hua Chen, Shapiro, H., Hetzel, F.W. Sequencing of combined hyperthermia and photodynamic therapy 120483
Qun Chen *see* Ping He 80488
Qun Li *see* Chun-Xia Du 99982
Qun Li *see* Li Qun
Qun Lin *see* Lin Qun
Qun Pu *see* Pu Qun
Qun Shi OFDM in bandpass nonlinearity 108762
Qun Xie *see* McLaughlin, S.W. 66321
Qun Zhai *see* Baida Lu 116927
Qun Zhao, Zheng Bao Radar target recognition using a radial basis function neural network 78973
Qun-Qing Li *see* Xin-Rong Wang 103832
Qunell, D. *see* Hanna, B. 100714
Qunsheng Peng *see* Peng Qunsheng
Qunxue Sun *see* Sun Qunxue
Qunzhan Li *see* Li Qunzhan
Quoc Ann Ho *see* Ann Ho Quoc
Quoniam, L. *see* Dou, J.-M. 118357
Qureshi, M.A., Sanders, W.H., van Moorsel, A.P.A., German, R. Algorithms for the generation of state-level representations of stochastic activity networks with general reward structures 113150
Qureshi, M.I. *see* El-Sulaiman, A.A. 121152
Qureshi, S.A., Aslam, N. Efficient power factor improvement technique and energy conservation of power system 80900
Quynh Phong Thai *see* Thai Quynh Phong
Qvale, V.B., Houbak, N., El Nagdy, K. Utilization of low temperature heat (waste heat from industrial processes, biomass, waste or geothermal energy as the heat source) for electricity generation in power stations 121346

R., J.M.Perez *see* Perez R., J.M.
R., M.E.Lorenzo *see* Lorenzo R., M.E.
R., O.Sucre *see* Sucre R., O.
R., V.Carrillo *see* Carrillo R., V.
R-Ming Shiu *see* Chang-Chung Liu 83140
Ra, J.B. *see* Kim, Y.K. 98306
Ra, S.W. *see* Nam, J.Y. 67985
Ra Hyung-Yong *see* Hyung-Yong Ra
Ra Jong Beom *see* Jong Beom Ra
Ra Jung Woong *see* Jung Woong Ra
Ra Jung-Woong *see* Jung-Woong Ra
Raab, F.H. An introduction to class-F power amplifiers 88243
Raab, F.H., Rupp, D.J. High-efficiency amplitude modulator 73172
Raab, J. *see* Silver, A. 93198
Raab, R.E., Cloete, J.H. The constitutive relations of non-magnetic chiral media in the electric quadrupole-magnetic dipole approximation 116807
Raad, R.O., Henriksen, T., Raphael, H.B., Hadler-Jacobsen, A. Converter-fed subsea motor drives 112458
Raad Iseli, C.de *see* de Raad Iseli, C.
Raasch, D. Magnetic and recording properties of amorphous TbFeCo-In thin films 106595
Raasch, D. *see* Bernards, J.P.C. 106590
Raashid, M., Abdel-Aal, R.E., Naqvi, A.A., Al-Ohali, M.A., Nagadi, M.M. An air-cooled gradient resistor column for the KFUPM 350 kV ion accelerator 119969
Raatikainen, K. *see* Alanko, T. 118361
Raatikainen, K. *see* Taina, J. 98584
Raatz, K.-H. *see* Sperfeld, P. 88892
Rabach, G. *see* Cacciari, M. 84698
Rabadan, J.A. *see* Perez-Jimenez, R. 118686
Rabadi, W.A., Myler, H.R. Image reconstruction using wavelets 117721
Rabadi, W.A., Myler, H.R., Weeks, A.R. Iterative multiresolution algorithm for image reconstruction from the magnitude of its Fourier transform 77103
Rabaey, J. *see* Le, M.T. 119096
Rabaey, J.M. Exploring the power dimension [in digital CMOS] 113820
Rabaey, J.M. *see* Corazao, M.R. 93218
Rabaey, J.M. *see* Landman, P. 62046
Rabaey, J.M. *see* Landman, P.E. 73044
Rabaey, J.M. *see* Lidsky, D. 82841
Rabal, H., Henao, R., Torroba, R. Digital speckle pattern shearing interferometry using diffraction gratings 65576
Rabal, H. *see* Torroba, R. 85752
Rabalais, J.W., Al-Bayati, A.H., Boyd, K.J., Marton, D., Kulik, J., Zhang, Z., Chu, W.K. Ion-energy effects in silicon ion-beam epitaxy 61287
Rabani, Y., Tardos, E. Distributed packet switching in arbitrary networks 98692
Rabata, T. *see* Ohsawa, T. 81704
Rabbani, K.S. Local development of bio-medical technology–a must for the Third World 110642
Rabbani, K.S., Hassan, M., Kabir, A.B.M.H., Ahmed, M., Nahar, S. Electrical Impedance Tomography (EIT) in the frontal plane using ring electrode configuration 110837
Rabbani, K.S., Hassan, M., Kiber, A. 3D object localization using EIT measurements at two levels 101394
Rabbitt, R.D. *see* Christensen, G.E. 108704
Rabde, V.P. Metal oxide varistors as surge suppressors 81162
Rabe, D., Nebel, W. New approach in gate-level glitch modelling 113668
Rabe, M. *see* Babucke, H. 75581
Rabe, M. *see* Henneberger, F. 94523
Rabe, M. *see* Puls, J. 74377
Rabe, S. *see* Bozler, C.O. 74062
Rabe, S. *see* Kodis, M.A. 105010
Rabenstein, R., Krauss, H. Discrete simulation of uniform transmission lines by multidimensional digital filters 93092
Rabey, J.M. *see* Encarnacao, J.L. *(editor)* 112669
Rabi, O. *see* Amy-Klein, A. 96720
Rabia, S. *see* Potier, N. 94057
Rabideau, D.J. Fast, rank adaptive subspace tracking and applications 108312
Rabiee, M. Design, construction, and analysis of a microcontroller system 73464
Rabih, A., Meibody-Tabar, F., Dufour, S., Sargos, F.M. Homopolar doubly excited switched reluctance motors: modelling and magnet dimensioning 102743
Rabii, C.D. *see* Matsuura, Y. 75515
Rabii, O. *see* Harari, J. 64925
Rabii, S., Wooley, B.A. A 1.8 V, 5.4 mW, digital-audio ΣΔ modulator in 1.2 μm CMOS 73483
Rabillard, X. *see* Molinet, F. 65799
Rabin, J. Comparison between green and orange visual displays 110303
Rabin, M.S.Z. *see* Case, J.A. 101097
Rabin, T. *see* Gennaro, R. 86073
Rabin, T. *see* Gennaro, R. 97499
Rabine, D.L., Bufton, J.L., Vaughn, C.R. Development and test of a raster scanning laser altimeter for high resolution airborne measurements of topography 111092
Rabiner, L.R. *see* Jayant, N. 118558
Rabinovich, E. *see* Cox, W.R. 96583
Rabinovich, E.V. Piecewise-polynomial approximation for image compression 117658
Rabinovitch, E. Making migration to TCP/IP seamless 118369
Rabinowicz, E. *see* Bor-Jenq Wang 62433
Rabjohn, G. *see* Saw, J. 109383
Rabjohn, G. *see* Sowlati, T. 99197
Rabjohn, G. *see* Sowlati, T. 114326
Rabney, J. *see* Mehra, R. 113663

Raboso, D., Woode, A. A new method of electron seeding used for accurate testing of multipactor transients 100301
Rabovskii, A.E., Medvedev, B.V., Ostroverkhov, P.M. Two-coordinate high-precision device for orientation with respect to the Earth for a geostationary satellite 111041
Rabrenovic, D.M. *see* Lutovac, M.D. 73523
Rabu, P. *see* Laget, V. 64386
Rabus, H., Scholze, F., Thornagel, R., Ulm, G. Detector calibration at the PTB radiometry laboratory at BESSY 110624
Rabus, H. *see* Lau-Frambs, A. 89083
Raby, P., Daly, P. Surveying with GLONASS: Calibration, error sources and results 88400
Raby, P. *see* Song, Y.H. 90938
Racanelli, M. *see* Huang, W.M. 106248
Race, R. Zero insertion interpolation 97689
Rachele, S.R. *see* Caputo, D. 100018
Racherla, G., Das, A. Mobile computing–a promising future that still requires much work 118380
Rachford, F.J. *see* Mar, D.J. 95357
Rachidi, F., Nucci, C.A., Ianoz, M., Mazzetti, C. Influence of a lossy ground on lightning-induced voltages on overhead lines 102195
Rachidi, F., Nucci, C.A., Ianoz, M., Mazzetti, C. Response of multiconductor power lines to nearby lightning return stroke electromagnetic fields 121225
Rachidi, F. *see* Nucci, C.A. 111649
Rachidi, T., Spacek, L. Occlusion analysis using boundary correspondence 87087
Rachinhas, P.J.B. *see* dos Santos, J.M.F. 101016
Rachinhas, P.J.B.M., Dias, T.H.V.T., Santos, F.P., Stauffer, A.D., Conde, C.A.N. Energy resolution of xenon proportional counters: Monte Carlo and experimental results for 5.9 keV X-rays 101015
Rachinhas, P.J.B.M., Dias, T.H.V.T., Stauffer, A.D., Santos, F.P., Conde, C.A.N. Energy resolution of xenon proportional counters: Monte Carlo simulation and experimental results 100867
Rachinhas, P.J.B.M. *see* Dias, T.H.V.T. 80068
Rachkov, V. *see* Papin, P. 67642
Rachkov, V. *see* Papin, P. 67664
Rachkov, V. *see* Papin, P. 67665
Rachkovski, N.N. *see* Makarov, E.K. 113193
Rachlin, M. *see* Chien, D.H. 103444
Racine, G.-A. *see* Triscone, J.-M. 61195
Racine, R.J. *see* Haykin, S. 110829
Racinowski, B. *see* Patecki, A. 107728
Racionowski, B. *see* Andresen, E. 81469
Raciti, A. *see* Bonanno, F. 102334
Raciti, A. *see* Bonanno, F. 102491
Raciti, A. *see* Cavallaro, C. 102332
Raciti, A. *see* Cavallaro, C. 103092
Raciti, A. *see* Consoli, A. 102596
Raciti, A. *see* Musumeci, S. 113751
Raciti, G. *see* Bellia, G. 90238
Raciti, G. *see* Bellia, G. 100996
Rack, J. *see* Deng, C. 72809
Rack, J. *see* Deng, C. 83955
Rack, M.J. *see* Allgair, J. 94865
Rack, P.D., Naman, A., Holloway, P.H., Sun, S.-S., Tuenge, R.T. Materials used in electroluminescent displays 96013
Rackaitis, M. *see* Snitka, V. 110464
Rackelmann, A. *see* Bane, K. 89979
Racki, J.G. *see* Evans, A.F. 64702
Rackley, K. *see* McGuire, J. 112778
Racko, J. *see* Grmanova, A. 105881
Racko, J. *see* Grmanova, A. 106264
Rackoff, C. *see* Fischer, M.J. 117163
Rackov, P. *see* Deis, G. 106719
Racky, B. *see* Dinter, H. 90662
Raczkowski, D.B. *see* Caussyn, D.D. 119984
Raczkowycz, J., Allott, S. Embedded ADC characterization techniques using a BIST structure, an ADC model and histogram data 88956
Rada, K., Aubourg, M., Guillon, P. Perfectly matched layer formulation for simulating microwave axisymmetric structures using finite elements 93705
Radabaugh, S. *see* McGuiggan, T. 83572
Radaikin, V.V. *see* Randoshkin, V.V. 106555
Radamson, H.H., Ni, W.-X., Hansson, G.V. The role of low temperature growth defects for the stability of strained $Si/Si_{1-x}Ge_x$ heterostructures 113329
Radamson, H.H., Nur, O., Ni, W.-X., Joelsson, K.B., Willander, M., Hultman, L., Hansson, G.V. Electrical characterization and the strain compensation effect and thermal stability of B-doped $Si_{1-x}Ge_x/Si$ heterostructures 114696
Radanovic, B. Silencers in ventilation and exhaust systems 82013
Radanovic, B. *see* Vidmar, B. *(editor)* 60421
Radasky, W.A. *see* Ianoz, M. 97195
Radchenko, I.F. Approximating a discrete time sequence by a deterministic exponential model 72621
Radcliffe, C.T. *see* Hovis, F.E. 107481
Raddatz, C.T. *see* Muirhead, C.R. 70295
Raddatz, L., White, I.H., Nowell, M.C., Tan, M.R.T., Weber, A.G., Wang, S.-Y. Experimental investigation of guiding mechanisms in large area VCSELs 65329
Raddatz, L., White, I.H., Summers, H.D., Hahn, K.H., Tan, M.R., Wang, S.-Y. Measurement of guiding effects in vertical-cavity surface-emitting lasers 65301
Radecka, M., Zakrzewska, K. TiO_2-SnO_2 thin films 72899
Radecki, J. *see* Konrad, J. 97899
Radeka, V. *see* Akesson, T. 69833
Radeka, V. *see* Citterio, M. 90200
Radelaar, S. *see* Jongste, J.F. 63216
Radelaar, S. *see* Lukey, P.W. 84499
Radelaar, S. *see* Werner, K. 103923
Rademacher, P.E., Cantrell, B.H., Tavik, G.C. Clutter filtering and processing techniques for EMI detection and angle measurement in pulse Doppler radars 109720
Rader, C.M. VLSI systolic arrays for adaptive nulling [radar] 83165
Radermacher, E. *see* Arefiev, A. 100805
Radermacher, K. *see* Bachmann, P.K. 114905
Radermacher, R., Kim, K. Domestic refrigerators: recent developments 82016
Radeva, P., Amini, A., Jiantao Huang, Marti, E. Deformable B-solids and implicit snakes for localization and tracking of SPAMM MRI-data 110746
Radford, S.J.E., Reiland, G., Shillue, B. Site test interferometer 99709
Radford, W., Murphy, D., Ray, M., Propst, S., Kennedy, A., Soch, K., Coda, R., Lung, G., Moody, E., Gleichman, D. 320×240 microbolometer focal plane array for uncooled applications 100114
Radford, W.A. *see* Wu, O.K. 100113
Radford, W.E. *see* Mobley, F.F. 90689
Radha, T.S. *see* Chandrasekar, B.S. 79464
Radhakrishna, M.C. *see* Kataria, D.O. 69846
Radhakrishna, S. *see* Subban, R.H.Y. 102953
Radhakrishna Pillai, R. Multimedia over the Internet 109219
Radhakrishna Rao, C., Zhao, L.C. Recent contributions to censored regression models 92387
Radhakrishna Rao, K. *see* Karthikeyan, M.R. 62003
Radhakrishna Rao, K. *see* Srinivasan, C. 93158
Radhakrishnan, G. *see* Banawan, S.A. 108767
Radhakrishnan, J.K. *see* Narula, R.C. 103828
Radhakrishnan, K. *see* Yoon, S.F. 62795
Radhakrishnan, K. *see* Yoon, S.F. 103970
Radhakrishnan, K. *see* Yoon, S.F. 104019
Radhakrishnan, K. *see* Yoon, S.F. 114888
Radhakrishnan, K. *see* Zhang, D.H. 83919
Radhakrishnan, M.K. *see* Beh, M. 74856
Radhakrishnan, M.K. *see* Ong, S.H. *(editor)* 72056
Radhakrishnan, S., Raghavan, S.V., Agrawala, A.K. Performance comparison of a new traffic shaper and leaky bucket for bursty real-time traffic 118564
Radhakrishnan, S. *see* Nagaraj, H.C. 120446
Radhakrishnan, S. *see* Unde, S. 69105
Radhakrishnan, T. *see* Bharadwaj, V. 109072
Radhakrishnan, V. *see* Varghese, S. 100306
Radharamanan, R. *see* Camargo, M.E. 103614
Radi, M.E. *see* Assoum, A. 104774
Radi, N.E. *see* Assoum, A. 73608
Radic, S., Agrawal, G.P., Galvanauskas, A. Nonlinear effects in femtosecond pulse amplification using chirped fiber gratings 75497
Radin, P. A biotechnology Web site: toward "(electronic democracy)"? 77922
Radina, T.V. Self-consistent theory of lasing in a ring gas laser 76078
Radke, C.J. *see* Touchard, G.G. 107748
Radkovskii, G.V. *see* Gavrilov, N.V. 90117
Radler, M.J. *see* Perettie, D.J. 95068
Radler, R. *see* Tai, A. 96839
Radloff, W., Wendt, M. Beam monitors for the S-band test facility 100586
Radman, J.M. Solder joint integrity and solderability problems associated with surface mount technology 114421
Radmilovic, B. Connecting electric power systems of Croatia and Hungary 70668
Radmore, P.M. *see* Farjady, F. 85065
Radnovic, I. *see* Nesic, A. 93919
Radny, M.W., Smith, P.V., Cao, P.L. Chemisorption of fluorine onto the cluster modelled Si(111)7×7 surface: an ab initio Hartree-Fock/DFT study 74116
Radojcic, R. *see* Oshiro, L. 63949
Radojevic, Z. *see* Duric, M. 80935
Radojevic, Z.M., Terzija, V.V., Djuric, M.B. Spectral domain arcing fault recognition and fault distance calculation in transmission systems 121090
Radojevic, Z.M. *see* Duric, M.B. 81073
Radojevic, Z.M. *see* Terzija, V.V. 121264
Radojkovic, P., Hartmam, E., Schwartzkopff, M., Enachescu, M., Stefanov, E., Koch, F. Coulomb staircase with negative differential resistance at room temperature for a metal tip-metal dot-semiconductor double junction 105469
Radojkovic, P., Schwartzkopff, M., Enachescu, M., Stefanov, E., Hartmann, E., Koch, F. Observation of Coulomb staircase and negative differential resistance at room temperature by scanning tunneling microscopy 63121
Radojkovic, P. *see* Koynov, S. 92887
Radomirescu, B. *see* Popescu, M. 121651
Radomirescu, B.M. *see* Popescu, M.O. 71505
Radosavljevic, R. *see* Lazarevic, Z. 111942
Radovanova, E.I. Application of electrochemical oxide films in semiconductor silicon carbide technology 74594
Radovinsky, A. *see* Deis, G. 106719
Radparvar, M. *see* Tuttle, J.G. 111055
Radu, I. Magnetron anode mechanical processing 62613
Radu, I. Aspects concerning some conditions of the magnetrons performance 74059
Radu, I. Aspects regarding the used materials choice at the magnetrons performance 114516
Radu, S., Albulet, M. Using charge lines for high power pulses generation 93183
Radu, S. *see* Albulet, M. 73120
Radu, S. *see* Albulet, M. 73591
Radu, S. *see* Albulet, M. 93138
Radulescu, M.M., Oriold, A., Muresan, P. Implementation of a sensorless driving system for a small electronically-commutated permanent-magnet motor 91450
Radulovic, K. *see* Nikolic, P.M. 83827
Radulovic, K.T. *see* Nikolic, P.M. 94323
Radunovic, J.B. *see* Gvozdic, D.M. 79424
Radusewicz, P. *see* Ogitsu, T. 100449
Raduti, C., Mihalache, M. On the inductivity of AC motors controlled by choppers 81380
Radvanyi, A. *see* Nemes, L. 86329
Radwan, H.R., Phan, D.T., Cao, K. Effect of disk drive actuator unbalance on track following response to external vibration and shock 64403
Radwan, T.S., Rahman, M.A., Osheiba, A.M., Lashine, A.E. Performance of a hybrid current-controlled VSI fed permanent magnet synchronous motor drive 121944
Radwan, T.S. *see* Rahman, M.A. 81336
Radway, T. *see* Dhawan, S. 100987
Radzikhovsky, V.N. Multichannel 8-mm passive imaging system 79669
Radzikhovsky, V.N. *see* Denisov, A.G. 115953
Rae, A., Chu, M.S.H., Bultitude, J. Materials and processes for MLCs with base metal electrodes 93958
Rae, A. *see* Bultitude, J. 93961
Rae, T.A., Harley, R.G., Jennings, G.D., Wishart, M.T. Unit connected HVDC schemes 102050
Rae Kim Hyeong *see* Hyeong Rae Kim
Rae-Hong Park *see* Chang Bum Lee 77635
Rae-Hong Park *see* Chang Bum Lee 87196
Rae-Hong Park *see* Dae-Sung Cho 86621
Rae-Hong Park *see* Dong-Gyu Sim 117769
Rae-Hong Park *see* Gi Hun Lee 66257
Rae-Hong Park *see* Hong Kyu Chung 112887
Rae-Hong Park *see* Kil-Moo Lee 87205
Rae-Hong Park *see* Sung Bum Pan 72737
Raeber, E. *see* Arreguit, X. 79543
Raebiger, J. *see* Butz, R. 92689
Raeder, B.H. *see* DeLiso, E.M. 89449
Raedt, W.De *see* De Raedt, W.
Raeisaenen, J. *see* Likonen, J. 63246
Raekken, R.H. *see* Pettersen, M. 118861
Rael, J. *see* Rofougaran, A. 73803
Rael, J.J. *see* Rofougaran, A. 118768
Raesaar, P. *see* Meldorf, M. 101862
Raevskii, E.I., Zhakov, S.V., Gass, V.G., Korobeinikov, A.Yu. Optimizing magnetic systems based on permanent magnets by means of magnetically soft ferromagnets 75091
Raevskii, I.P. *see* Dulkin, E.A. 64078
Rafael, F.S., Hayashi, E.K.C.S. Beam position monitor for the LNLS UVX synchrotron light source 100560
Rafael, J. *see* Sousa Pereira, A. 110821
Rafaely, B., Furst, M. Audiometric ear canal probe with active ambient noise control 69922
Rafailovich, M. *see* Tsang, C. 75105
Rafajlowicz, E. Linear systems identification from random threshold binary data 97787
Rafecas, F.C. *see* Lazaro, A.M. 62007
Raff, L.M. *see* Clark, M.M. 113454
Raffaelli, L. Millimeter-wave automotive radars and related technology 88697
Raffaelli, M. *see* Ferlet-Cavrois, V. 106019
Raffaelli, S. *see* Maci, S. 108048
Raffel, M., Westerweel, J., Willert, C., Gharib, M., Kompenhans, J. Analytical and experimental investigations of dual-plane particle image velocimetry 119947
Raffel, M. *see* Jarett, K. 109558
Raffel, M. *see* Jarett, K. 109559
Raffelt, G. *see* Mandolesi, N. 99703
Raffelt, G. *see* Smoot, G.F. 99702
Rafferty, C.S. *see* Chao, H.S. 114860
Rafferty, C.S. *see* Gossman, H.-J. 63256
Rafferty, C.S. *see* Kizilyalli, I.C. 114875
Rafferty, C.S. *see* Mogi, T.K. 63004
Rafferty, C.S. *see* Vuong, H.-H. 63251
Rafferty, C.S. *see* Vuong, H.-H. 74540
Rafferty, M.W. *see* Thwaites, J.H. 70279
Raffetto, M. *see* Caorsi, S. 96886
Raffetto, M. *see* Caorsi, S. 103793
Raffiei, S.M.R. *see* Ghazi, R. 91658
Raffle, Y. *see* Delorme, F. 96402
Raffle, Y. *see* Nakajima, H. 88560
Raffle, Y. *see* Ougier, C. 96404
Raffo, L., Sabataini, S.P., Bisio, G.M. A programmable VLSI architecture based on multilayer CNN paradigms for real-time visual processing 83281
Raffo, L. *see* Bisio, G.M. 108602
Raffo, R. *see* Angelini, F. 69127
Raffo, R. *see* Angelini, F. 80046
Raffo, R. *see* Gong, W.G. 90142
Raffy, J. *see* Debuisschert, T. 96636
Rafi, G.Z. *see* Moini, W. 66001
Rafian, M., Sigari, P., Kirschen, D., Silverman, S., Hamlin, R., Bednarik, R. Evaluating a restoration

tool using Consolidated Edison's training simulator 101942

Rafie, M.S., Newman, W. A new complex neural network-based decision feedback equalizer: Application to bandlimited nonlinear satellite links 99419

Rafik, T.A. *see* Anthony, D.K. 68712

Rafikov, L.G. *see* Khrilyev, L.S. 80839

Rafiroiu, D., Morar, R., Iuga, A., Samuila, A., Dascalescu, L. Evaluation of active electrodes performances in corona-electrostatic separators 76354

Rafle, Y. *see* Rigny, A. 119132

Rafolt, D., Gallasch, E. Body fixed ankle dynamometer for isometric tests in space flights 90264

Rag Kim Seong *see* Seong Rag Kim

Ragaie, H.F. *see* Ahmed, M.M. 114172

Ragaie, H.F. *see* Fikry, W. 63754

Ragaie, H.F. *see* Safwat, A.M.E. 62354

Ragaini, E. *see* Gandelli, A. 114039

Ragaini, E. *see* Lazzaroni, N. 111461

Ragan, D.D. *see* Azens, A. 75389

Ragan, K.J. *see* Fernholz, R.C. 69747

Ragavendra, N. *see* Duerinckx, A.J. 111006

Ragay, F.W., Van der Pol, J.A., Naderman, J. In-situ monitoring of dry corrosion degradation of Au ball bonds to Al bond pads in plastic packages during HTSL 112951

Ragazzi, S. *see* Bell, W. 120174

Ragazzoni, R. *see* Esposito, S. 119320

Ragg, O.M., Harris, I.R., Nagel, H., Bohm, P. Hot pressing Nd-Fe-B HDDR powders 115512

Ragg, O.M. *see* Short, C.L. 115504

Raggam, H. *see* Kenyi, L.W. 111084

Raghav, V.S. *see* Ramesh Babu, I. 110739

Raghava, T.V.S., Pathak, S.S. DQDB protocol: A performance study 118084

Raghavacheri, B. *see* Khuller, S. 103647

Raghavan, B. *see* Hahn, K.H. 119222

Raghavan, B. *see* Wai, P.K.A. 78925

Raghavan, G.K. *see* Larrondo-Petrie, M.M. 109146

Raghavan, M.N.V., Venkataraman, V. Effect of hydrogenation on low temperature mobility and carrier concentration in Si-SiGe heterostructures 105268

Raghavan, P. *see* Borodin, A. 98381

Raghavan, R.S. *see* Wu, Y. 78978

Raghavan, S.A. A single-chip solution for digital demodulation and forward error correction of DBS signals 88816

Raghavan, S.V. *see* Prabhu, M.M. 98634

Raghavan, S.V. *see* Radhakrishnan, S. 118564

Raghavendiran, T.A., Saleem, A.S., Job, D.P. PC based rotor flux oriented control of induction motors using DSP 111950

Raghavendra, A.D., Rai, S., Iyengar, S.S. Multicast routing in internetworks using dynamic core based trees 109035

Raghavendra, C.S. *see* Venkateswaran, R. 78312

Raghavendra, G. *see* Patnaik, L.M. 111047

Raghavon, S. *see* Jeon, J.S. 114966

Ragheb, H. *see* Hassan, E.E. 73520

Raghu, P.P., Yegnanarayana, B. Texture classification using a probabilistic neural network and constraint satisfaction model 108587

Raghunath, K.J., Parhi, K.K. Pipelined RLS adaptive filtering using scaled tangent rotations (STAR) 114088

Raghunath Rao, K., Ben-Arie, J. Expansion matching of multiple templates in complex images 77160

Raghunathan, A., Chakradhar, S.T. Dynamic test sequence compaction for sequential circuits 93326

Raghunathan, A., Dey, S., Jha, N.K. Glitch analysis and reduction in register transfer level power optimization 82857

Raghunathan, A. *see* Lakshminarayana, G. 93240

Raghunathan, K., Rush, T., Ozkul, A. INTELSAT-K spacecraft bus performance characteristics 101484

Raghunathan, R., Baliga, B.J. EBIC investigation of edge termination techniques for silicon carbide power devices 105868

Raghunathan, R. *see* Alok, D. 94888

Raghuvanshi, H.S. *see* Tracy, D.S. 60715

Raghuveer, M. *see* Szu, H. 87165

Raghuveer, M.R., Chapa, J.O. Algorithms to design adaptive biorthogonal MRA generating wavelets 86254

Raghuveer, M.R., Chapa, J.O. Object detection through matched wavelet transforms 87161

Raghuveer, M.R., Szu, H.H. Novel biorthogonal MRAs using compact wavelet and bandlimited dual pairing 86265

Raghuveer, M.R., Szu, H.R. Progress toward 3-scale biorthogonal decomposition 86253

Raghuveer, M.R. *see* Liying Huang 70991

Rago, C., Willett, P., Bar-Shalom, Y. Censoring sensors: a low-communication-rate scheme for distributed detection 66614

Rago, C. *see* Bane, K. 89979

Ragot, J. *see* Maquin, D. 79229

Ragozin, A.A., Pineguin, A.L. Comparative analysis of operating conditions of asynchronous and synchronous wind power generators in a power system 71196

Ragozin, Y. *see* Komov, A. 99907

Rague, B.W. *see* Njoku, E.G. 120838

Raguenet, G. *see* Magnin, F. 66133

Raguenet, G. *see* Michel, D. 66131

Raguenet, G. *see* Pinsard, A. 66035

Raguin, D.H. *see* Britten, J.A. 115984

Raguin, D.R. *see* Morris, G.M. 89227

Raguotis, R. *see* Urban, M. 105120

Ragupathi, S. *see* Ravikumar, A.R. 112139

Ragusa, C. *see* Chiampi, M. 65729

Raha, A., Kamat, S., Wei Zhao Admission control for hard real-time connections in ATM LANs 87723

Rahal, A., Bosisio, R.G., Rogers, C., Ovey, J., Missous, M. A multi-stack quantum barrier varactor on InP for MM-wave frequency tripling 114264

Rahali, F., Dessimoz, J.D., Hlavac, C., Chatelain, J.D., Lemaitre, L., Mlynek, D. Versatile 2D-position estimating and seeking systems 89057

Rahardja, S., Falkowski, B.J. Family of fast mixed arithmetic logic transforms for multiple-valued input binary functions 73308

Rahardjo, B. *see* Peters, J.F., III 73252

Rahardjo, E.T. *see* Matsumoto, K. 66140

Rahav, G. *see* Adar, D. 102877

Rahav, G. *see* Ben-Yaakov, S. 71413

Rahav, G. *see* Ben-Yaakov, S. 121711

Rahbar, D. *see* Duerinckx, A.J. 111006

Rahbar, N. *see* Hedjazi, M. 110803

Rahbi, R. *see* Morazzani, V. 94249

Raheja, A. *see* Fernando, J.L. 80259

Raheja, R.D., Mohiuddin, A., Alsammarae, G. Reduction of environmental qualification burden for mechanical equipment 102370

Raheli, R. *see* Castoldi, P. 66208

Raheli, R. *see* Castoldi, P. 67514

Raheli, R. *see* Castoldi, P. 87263

Rahhal, J., Wang, Y.-l., Atkin, G.E. Combined permutation codes for correlated sources 76699

Rahimi, A.F., Kato, K., Ansari, S.H., Brandwajn, V., Cauley, G., Sobajic, D.J. On external network model development 70728

Rahimo, M.T., Shammas, N.Y.A. A new test circuit for measuring reverse recovery characteristics of fast power diodes under high stress conditions 82949

Rahimo, M.T., Shammas, N.Y.A. A review on fast power diode development and modern novel structures 84295

Rahimo, M.T., Shammas, N.Y.A. A new test circuit for measuring reverse recovery characteristics of fast power diodes under high stress conditions 115152

Rahjel, A.W. *see* Lee, T.-P. 78880

Rahkonen, T. *see* Ericsson, G. 101845

Rahkonen, T. *see* Forsgren, P. 90991

Rahkonen, T. *see* Hakkinen, J. 104378

Rahkonen, T. *see* Raisanen-Ruotsalainen, E. 88959

Rahman, A.M.Abdul *see* Abdul Rahman, A.M.

Rahman, B.M.A. A review on the characterization of photonic devices using the finite element method 116994

Rahman, B.M.A., Rajarajan, M., Wongcharoen, T., Grattan, K.T.V. Accurate analysis of multimode interference devices 65965

Rahman, B.M.A., Wongcharoen, T., Grattan, K.T.V. Characterization of directional coupler-based optoelectronic devices 64731

Rahman, B.M.A. *see* Katsriku, F.A. 64750

Rahman, B.M.A. *see* Rajarajan, M. 107981

Rahman, B.M.A. *see* Wongcharoen, T. 95761

Rahman, B.M.A. *see* Wongcharoen, T. 95768

Rahman, F. The information infrastructure: meeting the need of Bangladesh 87573

Rahman, F., Margittai, P., Edirisinghe, L. Inclined orbit satellite antenna in-orbit tests 66066

Rahman, I.Z., Rahman, M.A., Kenny, M.A., Albertini, J.B., Bechevet, B., Daval, J., Mouchot, J. Magneto-optical characterization of thin garnet media 115589

Rahman, L. *see* Min Jiang 75855

Rahman, M. Some generating functions for the associated Askey-Wilson polynomials 72572

Rahman, M., Ivanov, T., Mortazawi, A. An extended resonance spatial power combining oscillator 93868

Rahman, M., Ivanov, T., Mortazawi, A. A unit cell design for construction of quasi-optical power combining oscillator arrays 104856

Rahman, M., Shuttleworth, R. Thermoelectric power generation for battery charging 71728

Rahman, M., Suslov, S.K. A unified approach to the summation and integration formulas for q-hypergeometric functions. I 92378

Rahman, M. *see* Askey, R.A. 72417

Rahman, M. *see* Borsosfoldi, Z. 63810

Rahman, M. *see* Ismail, M.E.H. 72705

Rahman, M.A., Osheiba, A.M., Radwan, T.S., Abdin, E.S. Modelling and controller design of an isolated diesel engine permanent magnet synchronous generator 81336

Rahman, M.A., Qin, R. Starting and synchronization of permanent magnet hysteresis motors 111927

Rahman, M.A. *see* Choudhury, M.A. 121564

Rahman, M.A. *see* Radwan, T.S. 121944

Rahman, M.A. *see* Rahman, I.Z. 115589

Rahman, M.D., Aubin, D.P., Khanna, D.N. Isolation of novolak resin at low temperature [photoresists] 105804

Rahman, M.F., Cheung, N.C., Khiang Wee Lim Position estimation in solenoid actuators 65732

Rahman, M.F., Zhong, L. A current-forced reversible rectifier fed single-phase variable speed induction motor drive 121929

Rahman, M.F., Zhong, L. A variable speed single-phase induction motor drive using a smart power module 121997

Rahman, M.H., Al-Saie, A.M., Beynon, J. DC electrical conduction in electron beam evaporated Cu-GeO_2 thin cermet films 105205

Rahman, M.K.A. *see* Williams, K.A. 65245

Rahman, S., Pan, J., Osareh, A.R. A simplified technique for screening utility DSM options for their capacity and operational benefits 70709

Rahman, S. *see* Dash, P.K. 80958

Rahman, S. *see* Dash, P.K. 111462

Rahman, S. *see* De Castro, A. 91058

Rahman, S. *see* Osareh, A.R. 91055

Rahman, T.A. *see* Ismail, M.S. 98414

Rahman, T.K.A., Jasmon, G.B. A new technique for voltage stability analysis in a power system and improved loadflow algorithm for distribution network 81050

Rahman, Z.-U. Wavelet coding for remote sensed data 86762

Rahmani, A. *see* Lautridou, P. 69792

Rahmani, A.T., Ono, N. Constrained optimization with genetic algorithms: channel routing case 84523

Rahmani, H. *see* Adam, W. 69709

Rahmat, K., Nakagawa, O.S., Oh, S.-Y., Moll, J. Scaling scheme for interconnect in deep-submicron processes 63421

Rahmat, K., White, J., Antoniadis, D.A. Simulation of semiconductor devices using a Galerkin/spherical harmonic expansion approach to solving the coupled Poisson-Boltzmann system 115120

Rahmat, K. *see* Nakagawa, O.S. 63442

Rahmat-Samii, Y. Novel antennas for personal communications including biological effects 101445

Rahmat-Samii, Y., Dah-Weih Duan Axial field of a TEM-FED UWB reflector antenna: PO/PTD construction 97324

Rahmat-Samii, Y., Duan, D.-W., Rudduck, R., Lee, T.-H., Cuchanski, M., Pokuls, R., Gupta, S. Comparison of four reflector antenna analysis codes 66086

Rahmat-Samii, Y., Jensen, M.A. A study of the electromagnetic coupling between handset mounted antennas and a human operator 70282

Rahmat-Samii, Y. *see* Hussein, Z.A. 111209

Rahmat-Samii, Y. *see* Johnson, J.M. 80559

Rahmat-Samii, Y. *see* Johnson, J.M. 93759

Rahmat-Samii, Y. *see* Yaccarino, R.G. 85998

Rahmati, B., Jaeger, W., Trinkaus, H., Loo, R., Vescan, L., Lueth, H. Vertical ordering of islands in Ge-Si multilayers 72898

Rahmel, J. *see* Huwer, S. 98221

Rahmoune, M., Tarico, C., Latour, M. Application of piezoelectricity for marine fouling prevention in oceanographic sensors 111269

Rahmouni, A., Bargoin, R., Herment, A., Bargoin, N., Vasile, N. Color Doppler twinkling artifact in hyperechoic regions 80366

Rahmouni, M. *see* Pirmez, L. 113827

Rahn, A., Beske, E. Development and trends in wave and reflow soldering 92188

Rahn, F.J., Parkinson, W., Bouchey, G.D., Meisner, M. Application of risk-based prioritization to QA requirements [nuclear plants] 71054

Rahner, D. *see* Machill, S. 112237

Rahola, J. Diagonal forms of the translation operators in the fast multipole algorithm for scattering problems 61085

Rahrooh, A. *see* Buchanan, W.W. 112766

Rai, A.S., Ananthakrishnaiah, U. Additive parameters methods for the numerical integration of $y''=f(t,y,y')$ 61060

Rai, B.K., Bist, H.D., Katiyar, R.S., Chen, K.-T., Burger, A. Controlled micro oxidation of CdTe surface by laser irradiation: A micro-spectroscopic study 84165

Rai, H.C. *see* Murthy, S.S. 111977

Rai, J. *see* Bandyopadhyay, A. 116069

Rai, R. *see* Kang, S.K. 114468

Rai, R.S. *see* Kang, S.K. 103423

Rai, S. *see* Pandey, S. 90631

Rai, S. *see* Raghavendra, A.D. 109035

Rai, S. *see* Singh, P. 90629

Raiber, A. *see* Garnov, S.V. 92954

Raiber, A. *see* Garnov, S.V. 107659

Raichev, O.E. Suppression of the coherent charge oscillations in coupled quantum wells by an in-plane magnetic field 94504

Raichev, O.E., Vasko, F.T., Hernandez-Cabrera, A., Aceituno, P. Ultrafast photoexcitation and coherent dynamics of electrons in triple tunnel-coupled quantum wells 114738

Raichur, A., Pedersen, H. Fiber optic moisture sensor for baking and drying process control 89583

Raicu, D., Basset, J.R., Baughman, C.R., Chung, Y., Day, D.S., Hua, C. High-efficiency, flat gain 5-watt X-band MMIC, for large volume production 62336

Raida, Z. Digitally implementable steering algorithms based on Kalman filter 66132

Raidt, H., Kohler, R., Banhart, F., Jenichen, B., Gutjahr, A., Konuma, M., Silier, I., Bauser, E. Adhesion in growth of defect-free silicon over silicon oxide 113379

Raidt, H. *see* Hey, R. 62752

Raidt, H. *see* Kohler, R. 113349

Raidt, U. *see* Loeffler, A. 76691
Raidt, U. *see* Wittenstein, W. 69296
Raihn, K.F., Fenzi, N.O., Hey-Shipton, G.L., Saito, E.R., Loung, V., Aidnik, D.L. Adaptive high temperature superconducting filters for interference rejection 93700
Railton, C.J. The simple rigorous and effective treatment of thin wires and slots in the FDTD method 76549
Railton, C.J., Craddock, I.J., Schneider, J.B. The analysis of general two-dimensional PEC structures using a modified CPFDTD algorithm 114337
Railton, C.J. *see* Craddock, J. 72733
Railton, C.J. *see* Izzat, N. 85898
Railton, C.J. *see* Meade, S.A. 62224
Railton, C.J. *see* Pothecary, N.M. 70192
Railton, C.J. *see* Rostbakken, O. 108053
Raimi, R. *see* Pandey, M. 83158
Raimond, J.-M. *see* Haroche, S. 85229
Raimond, J.-M. *see* Sandoghdar, V. 116443
Raimond, P. *see* Chalupczak, W. 65530
Raimond, P. *see* Fiorini, C. 85738
Raimondi, F.M. *see* Alonge, F. 71307
Raimondi, P., Decker, F.-J. Flat beam spot sizes measurement in the SLC-final focus 89839
Raimondi, P. *see* Adolphsen, C. 89648
Raimondi, P. *see* Alexandrof, V.A. 100628
Raimondi, P. *see* Tenenbaum, P. 89675
Raimondi, P. *see* Tenenbaum, P. 89910
Raimondi, P. *see* Yovchev, I.G. 105025
Raimondi, P. *see* Zimmermann, F. 89651
Raimondi, T. *see* Alonge, F. 111995
Rain, P., Tobazeon, R. Particle-initiated breakdown in a quasi-uniform field in transformer oil [comment and reply] 84706
Raina, H.S., Mehta, P.C. Reflectivity measurements of metalized fabric 79240
Raina, H.S. *see* Mehta, P.C. 76455
Raina, J.P. *see* Farokhrooz, F.N. 68434
Raina, J.P. *see* Farokhrooz, F.N. 78745
Raina, J.P. *see* Farokhrooz, F.N. 88501
Raina, J.P. *see* Farokhrooz, F.N. 119152
Raina, J.P. *see* Nair, P. 96136
Raina, K.K., Pandey, R.K. Growth and analysis of highly oriented (11n) BCSCO films for device research 113397
Raina, N. *see* Jangid, D.R. 120380
Raina, R. *see* Monaco, J. 83148
Rainaud, B. *see* Zondy, J.-J. 96684
Raine, C. *see* Bates, R. 80029
Raine, C. *see* Bates, R. 120148
Raine, C. *see* Bates, R.L. 120142
Raine, C. *see* Bates, R.L. 120149
Raine, D.A. *see* Brenizer, J.S., Jr. 110505
Raine, L. *see* Rousina-Webb, R. 92946
Rainer, R., Chimiak, W.J., Geisinger, K., Buss, D., Randall, L., Wells, W. A flexible telepathology system 110668
Rainer, R. *see* Chimiak, W.J. 111021
Rainer, R.O. *see* Chimiak, W.J. 110725
Rainer Dohle, G., Callahan, J.J., Drabik, T.J., Martin, K.P. New bonding technique for III-V thin film and macroscopic devices to Si or CuW 96058
Raineri, V., Campisano, S.U. Secondary defect dissolution by voids in silicon 105121
Raineri, V. *see* Battaglia, A. 63241
Raineri, V. *see* Cacciato, A. 114883
Raineri, V. *see* Lombardo, S. 105920
Raines, E.W. *see* Yuan, C. 69989
Raines, R.A. *see* McCandless, D.A. 90458
Rainey, A., Watson, M., Harvey, C. Public inquiries and consents process for the Moyle interconnector project 80835
Rainger, J. Convergence billing: an operator's glimpse of the future [telecommunications] 87525
Rainina, E.I., Efremenco, E.N., Varfolomeyev, S.D., Simonian, A.L., Wild, J.R. The development of a new biosensor based on recombinant E. coli for the direct detection of organophosphorus neurotoxins 110239
Rainoni, A. *see* Bianchi, G. 79183
Rainville, S.J.M. *see* Kingdom, F.A.A. 108532
Rais, J. *see* Murni, A. 87051
Raisanen, A. *see* Koistinen, O. 69480
Raisanen, A. *see* Mandolesi, N. 109844
Raisanen, A.D. *see* Yang, X. 83891
Raisanen, A.V. Recent advances in the studies of frequency multipliers at millimeter and submillimeter wavelengths 62265
Raisanen, A.V. Novel frequency multipliers for millimeter wavelengths 73712
Raisanen, A.V. *see* An Ping Zhao 104869
Raisanen, A.V. *see* An Ping Zhao 116958
Raisanen, A.V. *see* Hirvonen, T.M. 89464
Raisanen, A.V. *see* Lehikoinen, P. 73756
Raisanen, A.V. *see* Louhi, J.T. 62288
Raisanen, A.V. *see* Zhang, J. 93806
Raisanen, A.V. *see* Zhao, A.P. 83498
Raisanen-Ruotsalainen, E., Rahkonen, T., Kostamovaara, J. A 5 mW time-to-digital converter based on a stabilized CMOS delay line 88959
Raisbeck, D. *see* Zhang, J. 61290
Raisbeck, D. *see* Zhang, J. 103864
Raisky, B.V., Tsimring, S.E. Numerical simulation of nonstationary processes in intense helical electron beams of gyrotrons 105023
Raita, E. *see* Kamshilin, A.A. 85723
Raita, E. *see* Kamshilin, A.A. 116691
Raita, E. *see* Ozols, A. 96766
Raiteri, R., Martinoia, S., Grattarola, M. pH-dependent charge density at the insulator-electrolyte interface probed by a scanning force microscope 110241
Raith, T. *see* Bortolazzi, J. 122062
Raithel, G. *see* Benson, O. 85352
Raitsin, A.M. *see* Pogosov, G.A. 66765
Raizer, A. *see* Vanti, M.G. 96910
Raizer, A. *see* Zgainski, F.-X. 92648
Raizer, V.Yu. *see* Il'in, V.A. 111075
Raizer, Yu.P., Yatsenko, N.A. Radio-frequency capacitive discharges and gas lasers with RF excitation 107100
Raizman, A., Sher, A., Cinader, G. X-ray measurements of strains in MOCVD grown thin cap layers of CdTe 74176
Raj, B. *see* Thavasimuthu, M. 113565
Raj, D. Dichroic display technology potentials and limitations 69387
Raj, K., Athale, R.A. Optical implementation of local Fourier transforms with overlapping windows 67449
Raj, K. *see* Athale, R.A. 95916
Raj, R., Levenson, J.A. Gain excitation spectroscopy in multiple quantum well vertical microcavity 65453
Raj, R. *see* Bouche, N. 88609
Raj Mittra *see* Boag, A. 66013
Raja, G.K. *see* Gopal, T.V. 67781
Raja, M.Y.A. *see* Sisk, W.N. 64601
Raja, P. *see* Messina, S. 98732
Raja, P. *see* Ruiz, L. 87457
Raja Rao, C. *see* Satyanarayana, R.V.S. 120503
Raja Rao, C. *see* Seshadri, R. 120431
Rajabi, M. *see* Le Blanc, M.J. 121056
Rajagopal, A.K. Implications of the intrinsic decoherence in quantum mechanics to nonequilibrium statistical mechanics 115129
Rajagopal, M.S., Seetharamu, K.N., Ashwathnarayana, P.A. Transient thermal analysis of induction motors 111985
Rajagopal, R. *see* Anoop Kumar, K. 99680
Rajagopalan, C. *see* Thavasimuthu, M. 113565
Rajagopalan, J., Xing, K., Guo, Y., Lee, F.C., Manners, B. Modeling and dynamic analysis of paralleled DC/DC converters with master-slave current sharing control 71450
Rajagopalan, K.S. *see* Rao, G.J. 121395
Rajagopalan, R., Liu, L.-K., Ding, W., Feig, E. Fast motion estimation algorithms for overlapped block motion compensation 86578
Rajagopalan, R., Orchard, M.T. Jointly optimal forward-backward motion compensation for video signals 86512
Rajagopalan, S., Schulman, L.J. Coding for distributed computation 66467
Rajagopalan, V., Brillon, D., Yao, Z., Neacsu, D.O., Doumbia, M.L. Computer-aided tutor of power electronic systems CATPELS 104325
Rajagopalan, V. *see* King, R.L. 92093
Rajagopalan, V. *see* Krishnamoorthy, A. 60801
Rajagopalan, V. *see* Neacsu, D.O. 121630
Rajagopalan, V. *see* Yao, Z. 121006
Rajakesari, M.A. *see* Kuloor, R. 70604
Rajakesari, M.A. *see* Vishnuvardhana Rao, K. 70607
Rajakovic, L. *see* Gradisar, L. 91319
Rajakovic, N. *see* Andjelkovic, D. 91168
Rajakovic, N. *see* Ruzic, S. 102007
Rajakovic, N. *see* Ruzic, S. 102008
Rajakovic, N. *see* Tasic, D. 81059
Rajakovic, N. *see* Tasic, D. 90982
Rajalakshmi Menon, K., Balakrishnan, N., Shenoy, R.P., Ramchand, K. Characterization of land and sea clutter from airborne measurements 68662
Rajamani, A. *see* Ramakrishna, K. 71170
Rajamani, H.S. *see* Gordon, B.M. 121998
Rajamani, K.S. Use of high frequency (400 Hz) equipment for defence and industry 111405
Rajamohan Reddy, K., Annapurna, K., Buddhudu, S. Photoluminescence spectra of BaFCl:Eu^{2+} phosphors 95966
Rajan, B.S. *see* Goel, M. 66451
Rajan, B.S. *see* Zain, A.A. 66491
Rajan, J.J., Kawana, A. Bayesian model order selection using the Gibbs sampler 77017
Rajan, J.J., Rayner, P.J.W. Generalized feature extraction for time-varying autoregressive models 117591
Rajan, K. Microstructural stability issues in the reliability of thin film interconnects 63470
Rajan, K. *see* Carlson, D.E. 112360
Rajan, K. *see* Carlson, D.E. 112396
Rajan, K.B., Long, D.E., Abramovici, M. Increasing testability by clock transformation (getting rid of those darn states) 104478
Rajan, K.G. *see* Yousuf, M. 120235
Rajan, M.M. *see* Sundar, R.M. 110871
Rajan, R. *see* Georgiadis, L. 118459
Rajan, S., Kyung Sub Joo, Bose, T. Analysis of 2-D state-space periodically shift-variant discrete systems 76924
Rajan, S. *see* Joo, K.S. 83227
Rajan, S. *see* Ulrich, R. 104974
Rajanathan, C.B., Thompson, D.S. Finite element study of the dynamic braking of single phase induction motors 91511
Rajanathan, C.B., Thompson, D.S. Electro-mechanical transients in a three-phase induction motor during phase failure and plugging 102715
Rajanathan, C.B., Watson, B.J. Simulation of a single phase induction motor operating in the motoring, generating and braking modes 71318
Rajanathan, C.B. *see* Kamoutisis, P. 102690
Rajanathan, C.B. *see* Shi, Z.W. 65606
Rajanathan, C.B. *see* Shi, Z.W. 65704
Rajanathan, C.B. *see* Shi, Z.W. 91560
Rajanathan, C.B. *see* Shi, Z.W. 96903
Rajapakse, J.C., DeCarli, C., McLaughlin, A., Giedd, J.N., Krain, A.L., Hamburger, S.D., Rapoport, J.L. Cerebral magnetic resonance image segmentation using data fusion 69935
Rajapakse, R.K.N.D. Electroelastic response of a composite cylinder with a piezoceramic core 92979
Rajapakshe, R., Luchka, K., Shalev, S. A quality control test for electronic portal imaging devices 90594
Rajapakshe, R., Shalev, S. Output stability of a linear accelerator during the first three seconds 80440
Rajapakshe, R. *see* Luchka, K. 90595
Rajapandian, K., Ramanarayanan, V., Ramkumar, R. A 250 kHz/560 W phase modulated converter 112092
Rajarajan, M., Rahman, B.M.A., Wongcharoen, T., Grattan, K.T.V. Accurate analysis of MMI devices with two-dimensional confinement 107981
Rajarajan, M. *see* Rahman, B.M.A. 65965
Rajarajan, N. *see* Ravikumar, C.P. 93324
Rajaram, R. *see* Ramaraj, N. 121024
Rajaram, S., Panda, S.K., Lock Kai Sang Performance comparison of feedback linearised controller with PI controller for PMSM speed regulation 111918
Rajaraman, K.C. Dwight-Bewley paradox 65678
Rajaratnam, M., Takawira, F. Network modelling in circuit-switched networks using the double interrupted Poisson process model 118003
Rajaratnam, M.M. *see* Cameron, J.F. 105779
Rajaravivarma, V., Lord, E., Barker, J. Data compression techniques in image compression for multimedia systems 109259
Rajasree, K. *see* Vidyalal, V. 85886
Rajavel, D. *see* De Lyon, T.J. 72830
Rajavel, R.D., Wu, O.K., Jamba, D.M., de Lyon, T.J. Molecular beam epitaxial growth and properties of short-wave infrared $Hg_{0.3}Cd_{0.7}Te$ films 82697
Rajavel, R.D. *see* Wu, O.K. 100113
Rajawat, R.K., Kalghatgi, R.S., Ron, P.H. Measurements and analysis of transient electromagnetic shielding effectiveness for nested shield configurations 76452
Rajbenbach, H. *see* Brignon, A. 116684
Rajesh, J. *see* Renuka, R. 74827
Rajesh, S., Thomas, C., Gupta, R.S. Optimization of Si MESFET model with Pearson distribution (FMA): a novel approach 106087
Rajesh Kumar, R., Chadha, D., Aditya, S. Analysis of dielectric image guide structures using method of lines 97228
Rajeshwar Rao, K. *see* Suryanarayana, K. 76472
Rajeswaran, S. *see* Bloomfield, P.M. 101339
Rajeswari, M., Chen, C.H., Goyal, A., Kwon, C., Robson, M.C., Ramesh, R., Venkatesan, T., Lakeou, S. Low-frequency optical response in epitaxial thin films of $La_{0.67}Ca_{0.33}MnO_3$ exhibiting colossal magnetoresistance 75128
Rajeswari, M., Rodd, M.G. Wire-bond inspection in IC assembly 62507
Rajfeld, M.A. Rank binary segmentation of continuous-tone images 108676
Rajgopal, J., Mazumdar, M. A system-based component test plan for a series system, with type-II censoring 113022
Rajgopal, K., Sudhir Kumar, S., Vinod, G.L. Indigenous development of transputer based real time ECG arrhythmia monitoring station 120422
Rajgopal, K. *see* Sastry, R.V.S. 120423
Rajgopal, P.V. *see* Kumar, N.V.V.R. 112577
Rajgopal, S. Challenges in low-power microprocessor design 93500
Rajhel, A. *see* Amersfoort, M.R. 75660
Rajhel, A. *see* Soole, J.B.D. 106926
Rajhel, A. *see* Soole, J.B.D. 106928
Rajhel, A. *see* Yoo, S.J.B. 65465
Rajhel, A. *see* Yoo, S.J.B. 107522
Rajhel, A. *see* Zah, C.E. 68417
Rajhel, A. *see* Zah, C.E. 76034
Rajhel, S. *see* Amersfoort, M.R. 88482
Rajic, S. *see* Egert, C.M. 95831
Rajicic, D. *see* Borozan, V. 102125
Rajicic, D. *see* Taleski, R. 70874
Rajira, A. *see* Abounadi, A. 114769
Rajkumar, A., Naylor, B.F., Feisullin, F., Rogers, L. Predicting RF coverage in large environments using ray-beam tracing and partitioning tree represented geometry 88247
Rajkumar, K.C. *see* Carter-Coman, C. 103962
Rajkumar, R. *see* Chen Lee 87449
Rajopadhyaya, D.K., May, P.T., Vincent, R.A. The retrieval of ice particle size information from VHF wind profiler Doppler spectra 80645
Rajput, A.Q.K. *see* Maheshwari, P.R. 118465
Rajski, J., Tyszer, J. Multiplicative window generators of pseudo-random test vectors 73182
Rajski, J. *see* Gupta, S. 104441
Rajski, J. *see* Muradali, F. 104466

Rajta, I., Borbely-Kiss, I., Morik, Gy., Bartha, L., Koltay, E., Kiss, A.Z. The new ATOMKI scanning proton microprobe 100383
Raju, G.R.Govinda *see* Govinda Raju, G.R.
Raju, G.S.N., Doradla, S.R. A 3 element LCL resonant converter for airborne radar applications 112096
Raju, G.S.N. *see* Manju Latha, P. 76593
Raju, G.S.N. *see* Mohan, R. 76592
Raju, G.S.N. *see* Rao, P.M. 76641
Raju, J. *see* Bhattacharyya, A. 80123
Raju, K.S.N. *see* Choudhury, U.K. 81408
Raju, K.S.N. *see* Choudhury, U.K. 81476
Raju, K.S.N. *see* Suryanarayana, T. 121430
Raju, K.V.L. *see* Rao, P.M. 76641
Raju, N.R., Venkata, S.S., Sastry, V.V. A decoupled series compensator for voltage regulation and harmonic compensation 121007
Raju, P.K., Vaidya, U.K. Acousto-ultrasonic evaluation of carbon-carbon composites at different processing stages 104225
Rak, M. *see* Juricic, D. 111991
Rak Park Jong *see* Jong Rak Park
Rak-Hyun Song, Chang-Soo Kim, Dong-Ryul Shin Effects of electrode fabrication conditions on performance characteristics of phosphoric acid fuel cell 81739
Rak-Hyun Song, Chang-Soo Kim, Dong-Ryul Shin Effects of reactant gases on phosphoric acid fuel cell performance 81740
Rak-Hyun Song, Horita, T., Sakai, N., Kawada, T., Yokokawa, H., Dokiya, M., Dong-Ryul Shin Performance characteristics of planar solid oxide fuel cells fabricated by composite plate process 81776
Rakennus, K., Uusimaa, P., Naeppi, J., Salokatve, A., Pessa, M., Aherne, T., Doran, J.P., O'Gorman, J., Hegarty, J. Growth of II-VI Bragg mirrors by molecular beam epitaxy 74228
Rakennus, K. *see* Aherne, T. 76080
Rakhimbabaev, T.Ya. *see* Mikhailov, V.G. 79828
Rakhimov, A.T. *see* Mankelevich, Y.A. 92846
Rakhit, A.R. *see* Saxena, A.K. 119834
Rakhmanov, A.L., Rozhkov, A.V. Electric field effect on the critical current of SNS contact 106700
Rakhmatulin, A.V. *see* Borin, V.N. 81091
Rakhshandehroo, M.R., Pang, S.W. Fabrication of Si field emitters by dry etching and mask erosion 62565
Rakhshandehroo, M.R., Sukardi, F., Pang, S.W. Simulation and dry etching of field emitter tips in Si 94174
Rakhshani, A.E. *see* Khan, W.I. 83867
Rakib, S. Synchronous-CDMA: the solution for high-speed data 109622
Rakic, A.D., Majewski, M.L. Optical and electrical characteristics of DBR mirrors for vertical-cavity surface-emitting laser diodes 76089
Rakic, M., Tonic, R., Vesovic, B., Neskovic, G. Large scale power system operation planning 102000
Rakitin, V.V., Filippov, E.I. Simulation of VLSI elements with aligned vertical MOS transistors 63955
Rakityansky, V.A. Application of BWO for excitation of the intensive noise signals of millimeter wave band 83768
Rakkhit, R. *see* Nayak, D.K. 63951
Rakkolainen, J., Vilkko, M., Lautala, P. Simulation of a radial MV/LV electricity grid voltage associated with wind power induction generator 102557
Rakov, A.V. *see* Danilov, V.A. 74643
Rakov, E.G. Calculation of diamond chemical vapor deposition region in C-H-O phase diagram 113484
Rakov, V.A., Uman, M.A., Hoffman, G.R., Masters, M.W., Brook, M. Burst of pulses in lightning electromagnetic radiation: observations and implications for lightning test standards 65882
Rakova, E.V. *see* Givargizov, E.I. 72905
Rakova, E.V. *see* Givargizov, E.I. 92664
Rakovic, D.I. *see* Jenei, S.M. 73835
Rakovics, V., Nagy, G., Frigeri, C., Longo, F., Koltai, F., Puspoki, S., Serenyi, M. Single-step growth of InP/InGaAsP buried stripe MQW lasers on structured InP substrate 107272
Rakovics, V. *see* Koltai, F. 107227
Rakovics, V. *see* Puspoki, S. 116500
Rakowsky, G. *see* Gluskin, E. 101000
Rakowsky, G. *see* Solomon, L. 96475
Rakowsky, G. *see* Stefan, P.M. 100528
Raksapatcharawong, M., Pinkston, T.M. Modeling optical k-ary n-cube interconnection networks 85198
Rakshit, A. *see* Ghosh, K.K. 67757
Rakshit, B.M. Radio frequency shielding with aluminium honeycomb 76485
Raksi, F. *see* Barty, C.P.J. 65135
Raksi, F. *see* Barty, C.P.J. 96233
Raksi, F. *see* Yamakawa, K. 107442
Ralea, M.F., Rosu, N.N., Iova, I. Laser holographic interferometry for investigations of cylindrical transparent tubes 76308
Ralea, M.F. *see* Rosu, N.N. 76307
Raleigh, G.G., Paulraj, A. Time varying vector channel estimation for adaptive spatial equalization 78454
Ralescu, A.L., Bouchon-Meunier, B., Ralescu, D.A. Combining fuzzy quantifiers 103630
Ralescu, D.A. *see* Ralescu, A.L. 103630
Raley, N.F., Davidson, J.C., Balch, J.W. Examination of glass-silicon and glass-glass bonding techniques for microfluidic systems 74870
Rall, D. *see* Brown, J.I. 92489
Rall, D. *see* Gunther, G. 60869
Rall, M. *see* Rathmann, F. 119987
Rall, M. *see* Zapfe, K. 120083
Ralli, P. *see* Wenyon, M. 85759
Rallison, R.D., Arnold, S.M. Wavelength compensation at 1.064 μ using hybrid optics 96841
Ralph, D. *see* Craven, B.D. 72548
Ralph, D. *see* Jong-Shi Pang 113120
Ralph, D.C., Black, C.T., Tinkham, M. Nano-particle transistors and energy-level spectroscopy in metals 106106
Ralph, D.L. *see* Spencer, T.A. 62633
Ralph, J.F., Clark, T.D., Prance, R.J., Prance, H. Transitions in a distributed quantum ring 113717
Ralph, J.F. *see* Diggins, J. 106684
Ralph, J.F. *see* Prance, R.J. 106683
Ralph, L.E. Development of a new line of low cost microwave components using print and fire technologies 73818
Ralph, S.E., Yue Chen, Woodall, J., McInturff, D. Subpicosecond photoconductivity of $In_{0.53}Ga_{0.47}As$: intervalley scattering rates observed via THz spectroscopy 116203
Ralph, T.C. *see* White, A.G. 96625
Ralston, D. *see* Esquivias, I. 107311
Ralston, J. *see* Eisele, K.M. 84158
Ralston, J.C., Zoubir, A.M. Identification of a class of multiple input-output nonlinear systems driven by stationary non-Gaussian processes 117516
Ralston, J.D., Larkins, E.C., Eisele, K., Weisser, S., Burkner, S., Schonfelder, A., Daleiden, J., Czotscher, K., Esquivias, I., Fleissner, J., Sah, R.E., Maier, M., Benz, W., Rosenzweig, J. Advanced epitaxial growth and device processing techniques for ultra-high-speed (>40 GHz) directly-modulated semiconductor lasers 96305
Ralston, J.D. *see* Burkner, S. 63011
Ralston, J.D. *see* Czotscher, K. 107237
Ralston, J.D. *see* Daleiden, J. 65232
Ralston, J.D. *see* Esquivias, I. 107229
Ralston, J.D. *see* Sanders, S. 65110
Ralston, J.D. *see* Schneider, H. 69163
Ralston, J.D. *see* Schonfelder, A. 85486
Ralston, J.D. *see* Wagner, J. 62985
Ralston, J.D. *see* Williams, K.A. 65245
Ralston, J.M. *see* Narayanan, R.M. 65844
Ralston, R.W. *see* Lyons, W.G. 93777
Ralston, W.T. *see* Cournoyer, A.J. 98937
Ram, B. *see* Park, E.H. 103333
Ram, P. *see* Leibovitch, M. 114712
Ram, R.J., Sporer, R., Blank, H.-R., Maccarini, P., Chang, H.-C., York, R.A. Chaos in microwave antenna arrays 97369
Ram Das, G.Tulsi *see* Tulsi Ram Das, G.
Ram Murthy, C.Siva *see* Siva Ram Murthy, C.
Ram-Mohan, L.R. Finite element and tight-binding calculations of nonlinear optical properties in wavefunction-engineered quantum heterostructures 62904
Ram-Mohan, L.R. *see* Meyer, J.R. 65259
Ram-Mohan, L.R. *see* Vurgaftman, I. 96640
Ram-Mohanb, L.R. *see* Vurgaftman, I. 116739
Rama, D.V. *see* Gelinas, U.J., Jr. 103322
Rama Mohana Rao, B.V., Basu, P.K., Biswas, J.C., Lahiri, S.K. Photoluminescence study of porous silicon treated in ultraviolet irradiated hydrogen peroxide 106952
Ramabadran, U.B. *see* Fenimore, D.L. 107592
Ramabrahmam, R., Pal, S., Selvarajan, A. Performance analysis of surface acoustic wave matched filters 99139
Ramac, L.C., Varshney, P.K. Image thresholding based on Ali-Silvey distance measures 117641
Ramachandran, K.M. Optimal control problems for heavy traffic queues 98442
Ramachandran, R.P. *see* Mammone, R.J. 108205
Ramachandran, S., Bishop, S.G., Guo, J.P., Brady, D.J. Fabrication of holographic gratings in As_2S_3 glass by photoexpansion and photodarkening 85771
Ramachandran, S. *see* Bogacz, S.A. 89902
Ramachandran, S. *see* Jackson, G. 100728
Ramachandran, T.R. *see* Kobayashi, N.P. 72757
Ramachandran, V., Honghua Yang An efficient parallel algorithm for the general planar monotone circuit value problem 61717
Ramachandran, V. *see* Gargour, C.S. 83222
Ramachandran, V. *see* Pai, K.R. 62004
Ramachandran, V. *see* Safiri, H. 93587
Ramachandran, V. *see* Shankar, K. 61592
Ramacher, U. *see* Schlussler, J.-U. 62115
Ramada, N. *see* Sakai, T. 85379
Ramadan, A.A. *see* Ashour, A. 105172
Ramadan, A.R. *see* O'Shea, S.J. 79722
Ramadan, W.A. *see* Fazio, E. 100365
Ramadge, P.J. *see* Yap-Peng Tan 86873
Ramadhan, H.A. Network connectivity for campus environments 118490
Ramadoss, R., Bushnell, M.L. Test generation for mixed-signal devices using signal flow graphs 93619
Ramage, A. A structured matrix problem in dynamical systems 103757
Ramakishnan, K.K. *see* Charny, A. 87801
Ramakrishna, K., Rajamani, A. A new PC-based on-line shaft vibration monitoring system for hydro turbine-generator sets 71170
Ramakrishna, K. *see* Mohan, R. 76592
Ramakrishna, K. *see* Subbarayan, G. 114449
Ramakrishna, P. *see* Selvan, K.T. 76594
Ramakrishna Rao, P. *see* Anoop Kumar, K. 99680
Ramakrishna Reddy, K.T. *see* Sesha Reddy, M. 94436
Ramakrishnan, A.G., Saha, S. ECG compression by multirate processing of beats 120454
Ramakrishnan, A.G., Sastry, R.V.S. Wavelet transforms for compound nerve action potential analysis 120428
Ramakrishnan, A.G. *see* Sita, G. 120447
Ramakrishnan, K.G. *see* Gawlick, R. 87493
Ramakrishnan, K.G. *see* Mitra, D. 87352
Ramakrishnan, K.G. *see* Mitra, D. 98402
Ramakrishnan, K.K. *see* Charny, A. 87357
Ramakrishnan, K.K. *see* Charny, A. 98775
Ramakrishnan, K.K. *see* Kalampoukas, L. 108779
Ramakrishnan, K.R., Mukundan, R. Estimation of stereo disparity using moment functions 97920
Ramakrishnan, K.R. *see* Hiriyannaiah, H.P. 117764
Ramakrishnan, S. *see* Awad, M. 103052
Ramakrishnan, S. *see* Lu, E. 102669
Ramakrishnan, S. *see* Neumeyer, C. 106711
Ramakrishnan, S. *see* Neumeyer, C. 112079
Ramakrishnan, S. *see* Rao, B.M. 118368
Ramakrishnan, V. *see* Siala, S. 99505
Ramalho, M.F., Scharf, E.M. Fuzzy logic tool and genetic algorithms for CAC in ATM networks 67537
Ramalingam, C.S. On the equivalence of DESA-1a and Prony's method when the signal is a sinusoid 66648
Ramalingom, T., Thulasiraman, K., Das, A. Context independent unique sequences generation for protocol testing 87461
Ramam, A. *see* Chua, S.J. 82637
Ramamoorthy, B. *see* Venkat Ramana, K. 98314
Ramamoorthy, R. *see* Purkayastha, S. 99268
Ramamoorthy, S., Pearson, P., Smith, J. Error handling in the NSLS control system 89938
Ramamoorthy, S. *see* Bozoki, E. 100612
Ramamoorthy, S. *see* Singh, O. 89619
Ramamoorty, M. Impact of power electronics in electric power transmission and control 111511
Ramamritham, K. *see* Bickford, C. 83606
Ramamurthi, B., Giridhar, K., Srinivas, M.A. DSP-based digital FM demodulation for GMSK signals 66246
Ramamurthi, B. *see* Jhunjhunwala, A. 67960
Ramamurthi, B. *see* Jhunjhunwala, A. 109469
Ramamurthi, K. *see* Dehkordi, P. 61965
Ramamurthi, S.S. Engineering aspects of building a proton synchrotron 69675
Ramamurthi, S.S. *see* Krishnagopal, S. 96459
Ramamurthy, B. *see* Iness, J. 78905
Ramamurthy, C. *see* Gopal, T.V. 98656
Ramamurthy, G., Qiang Ren Analysis of the adaptive rate control for ABR service in ATM networks 77660
Ramamurthy, G., Sengupta, B. A predictive congestion control policy for broadband integrated wide area networks 67777
Ramamurthy, G. *see* Bansal, V. 118597
Ramamurthy, G. *see* Iwata, A. 109229
Ramamurthy, G. *see* Kolarov, A. 109089
Ramamurthy, G. *see* Mark, B.L. 77710
Ramamurthy, G. *see* Mark, B.L. 87316
Ramamurthy, G. *see* Pitsillides, A. 77603
Ramamurthy, R.S. *see* Roy, R.R. 87936
Ramamurthy, S. *see* Mukherjee, B. 118483
Ramamurti, V. *see* Bhat, M.M. 121374
Raman, A. *see* Chua, S.J. 116503
Raman, C.V. Input resistance in an infinite rectangular grid 61576
Raman, G., Fenwick, S., Yukich, J.N., Bucksbaum, P.H. High powered half-cycle THz pulses 116237
Raman, K.K. Commissioning of the first GSM cellular system for Delhi–an overview 99271
Raman, S., Liu, C.L., Jones, L.G. A timing-constrained incremental routing algorithm for symmetrical FPGAs 73223
Raman, S., Liu, C.L., Jones, L.G. Timing-constrained FPGA placement: a force-directed formulation and its performance evaluation 113647
Raman, S., Rebeiz, G.M. A 94 GHz uniplanar subharmonic mixer 83370
Raman, S., Rebeiz, G.M. Integrated millimeter-wave polarimetric radar receivers 109783
Raman, S., Srinivasan, M.P. Ultrasonic attenuation data reduction using parallel processor 70568
Ramana, K.Venkat *see* Venkat Ramana, K.
Ramana, P.Venkata *see* Venkata Ramana, P.
Ramana Rao, Y.V., Eswaran, C. New bit rate reduction techniques for block truncation coding 117820
Ramanachalam, M.S. *see* Turbini, L.J. 104959
Ramanadin, B., Pogodalla, F. CO: the Chameleon 64-bit microprocessor ASIC prototype 73443
Ramanan, R.R., Bhagavannarayana, G., Lal, K. A comparative study of point defect aggregates in high purity single crystals of silicon grown by the Czochralski and the float zone methods 103827

Ramanarayanan, V., Venkatesha, L., Panda, D. Flux-linkage characteristics of switched reluctance motor 111915
Ramanarayanan, V. *see* Giridharan, S. 91433
Ramanarayanan, V. *see* Rajapandian, K. 112092
Ramanathan, G. Calibration of dosimeters and survey meters for photons in India 70287
Ramanathan, K. *see* Contreras, M.A. 103009
Ramanathan, K.R. *see* Tuttle, J.R. 112339
Ramanathan, S. An algorithm for multicast tree generation in networks with asymmetric links 87494
Ramanathan, S. Multicast tree generation in networks with asymmetric links 98363
Ramanathan, S., Visvanathan, V. A systolic architecture for LMS adaptive filtering with minimal adaptation delay 93602
Ramanathan, S. *see* Visvanathan, V. 104432
Ramanauskas, P. *see* Cinar, A. 88938
Ramani, K.R. *see* Ehsani, M. 61649
Ramaniouk, A. *see* Akesson, T. 69833
Ramanitranja, A. *see* Lallement, G. 92636
Ramanjaneyulu, M. *see* Krishnaswamy, M.C. 70606
Ramanna, S., Baumela, L. Real-time patternbases for multiple targets in gaze control for target tracking systems 77294
Ramanujachary, K.V. *see* Shuk, P. 119594
Ramanujam, N., Burke, J.J., Lifeng Li Ferroelectric channel waveguides with high SHG conversion efficiency and non-critical phasematching characteristics 96690
Ramanujam, P., Chwalek, T.J. Contour beam shaped reflector technology 66021
Ramanujam, P.S. *see* Berg, R.H. 116763
Ramanujam, P.S. *see* Holme, N.C.R. 75415
Ramanujam, P.S. *see* Holme, N.C.R. 95637
Ramanujam, P.S. *see* Nikolova, L. 96772
Ramanujam, T.M. *see* Kal, S. 106183
Ramanujan, S., Winful, H.G. Operation and stability of antiguided flared amplifiers 64727
Ramanujan, S., Winful, H.G. Spontaneous emission induced filamentation in flared amplifiers 65277
Ramar, K. *see* Murty, A.S.R. 121022
Ramar, K. *see* Raviprakasha, N.S. 111627
Ramaraj, N., Rajaram, R. A direct method of interchange evaluation among power utilities 121024
Ramasamy, P. *see* Ravi, G. 75030
Ramasubrahmanyan, A. *see* Rao, S.S. 62024
Ramaswami, R. Optical network architectures 78858
Ramaswami, R., Segall, A. Distributed network control for wavelength routed optical networks 88514
Ramaswami, R., Sivarajan, K.N. Design of logical topologies for wavelength-routed optical networks 78724
Ramaswami, R. *see* Green, P.E., Jr. 77947
Ramaswami, R. *see* Hall, E. 77943
Ramaswami, R. *see* Sidhu, T.S. 102229
Ramaswami, V. The essential role of traffic performance analysis in intelligent networks 78150
Ramaswami, V., Wang, J.L. A hybrid analysis/simulation for ATM performance with application to quality-of-service of CBR traffic 77707
Ramaswamy, A., Mikhael, W.B. Compression of images represented using multi-transforms 77250
Ramaswamy, A., Mikhael, W.B. A mixed transform approach for efficient compression of medical images 80272
Ramaswamy, R. *see* Samson, S. 116107
Ramaswamy, R.V. *see* Maring, D.B. 95793
Ramaswamy, S., Siferd, R.E. CMOS VLSI implementation of a digital logarithmic multiplier 113930
Ramaswamy, S. *see* Amerasekera, A. 95031
Ramaswarny, R.V. *see* Hussell, C.P. 64786
Ramazza, P.L. *see* Residori, S. 85111
Rambabu, T.V.S. *see* Prahlad Rao, N. 78582
Rambabu, U., Reddy, K.R., Annapurna, K., Balaji, T., Satyanarayana, J.V., Buddhudu, S. Fluorescence spectra of Sm^{3+}-doped lanthanide oxychloride powder phosphors 75711
Rambaldi, P. *see* Vezin, B. 116658
Rambaldi, R. *see* Borgatti, M. 73290
Rambaldi, R. *see* Zafalon, R. 115344
Rambaud, P. *see* Marion, D. 69310
Ramberg, L. *see* Rottner, K. 106981
Rambert, E. *see* Bourillet, J.F. 111097
Rambidi, N.G., Maximychev, A.V. Neural networks based on biomolecular nonlinear dynamic media. Image-processing operations 95901
Ramble, D.G. *see* Leighton, T.G. 66738
Ramboz, J.D. A highly accurate, hand-held clamp-on current transformer 62389
Ramboz, J.D. Machinable Rogowski coil, design, and calibration 62390
Ramboz, L.-A. *see* Begassat, Y. 114284
Ramchand, K. *see* Patnaik, L.M. 111047
Ramchand, K. *see* Rajalakshmi Menon, K. 68662
Ramchandran, E. *see* Gisladottir, J.V. 86492
Ramchandran, K., Zixiang Xiong, Asai, K., Vetterli, M. Adaptive transforms for image coding using spatially varying wavelet packets 77406
Ramchandran, K. *see* Xuguang Yang 86724
Ramdane, A. *see* Delprat, D. 96424
Ramdani, J. *see* Lebby, M. 99511
Ramdani, J. *see* Lebby, M. 116286
Ramde, A. *see* Bashir, R. 63902
Ramel, L. *see* Humblet, P.A. 109094
Ramella, G. *see* Ablameyko, S. 86562
Ramella, G. *see* Arcelli, C. 108635
Ramenah, H. *see* Mechahougui, S. 75421
Ramenah, H.K., Bertrand, P., Meyrueis, P. Using dichromated gelatin as a diffractive optical storage medium and illustration of multiple applications 75422
Ramer, A. *see* Ionescu, M. 95442
Ramer, R. *see* Ionescu, M. 95442
Ramesh, A., Govindaraju, M.R., Jiles, D.C., Biner, S.B. Magnetic property variations in nickel caused by non-magnetic inclusions 115576
Ramesh, A., Govindaraju, M.R., Jiles, D.C., Biner, S.B., Roderick, J.M. Hydrogen charging in nickel and iron and its effect on their magnetic properties 64305
Ramesh, G. *see* Krishnamoorthy, C.S. 72725
Ramesh, K., Asokan, S., Sangunni, K.S., Gopal, E.S.R. Compositional dependence of high pressure resistivity behaviour of Cu-Ge-Te glasses 105199
Ramesh, R. Availability calculations for mobile satellite communication systems 109536
Ramesh, R., Toy, R.L., Koilpillai, R.D., Chennakeshu, S. A new family of modulation schemes for land mobile radio 99154
Ramesh, R. *see* Aggarwal, S. 115461
Ramesh, R. *see* Auciello, O. 92934
Ramesh, R. *see* Auciello, O. 115459
Ramesh, R. *see* Koorapaty, H. 109487
Ramesh, R. *see* Ogale, S.B. 63693
Ramesh, R. *see* Rajeswari, M. 75128
Ramesh, R. *see* Simion, B.M. 75185
Ramesh, R.G. *see* Pradhan, N. 70118
Ramesh, S. *see* Boussinot, F. 87688
Ramesh, V., Haralick, R.M. A methodology for automatic selection of IU algorithm tuning parameters 77152
Ramesh, V., Haralick, R.M. An integrated gradient edge detector. Theory and performance evaluation 77153
Ramesh, V. *see* Thornton, K. 67485
Ramesh, V. *see* Zhang, X. 77154
Ramesh, V.C. On distributed computing for on-line power system applications 121021
Ramesh, V.C. *see* Walsh, M. 71118
Ramesh Babu, B. *see* Periasamy, P. 112276
Ramesh Babu, I. Technetium-99^{m} scan images: software for image analysis and interpretation 120318
Ramesh Babu, I. Thallium scan images of the heart muscle: software for image analysis and interpretation 120325
Ramesh Babu, I., Raghav, V.S., Rao, S.V.L.N. Image decorrelation: a procedure for the study of X-ray images in medical studies 110739
Ramesh Nagarajan *see* Easton, R.L., Jr. 96800
Ramesh Narayanan, P. *see* Narayana Murty, S.V.S. 114345
Rameshkhah, F. *see* Abedi, M. 102129
Ramesohl, I., Henneberger, G., Kuppers, S., Hadrys, W. Three dimensional calculation of magnetic forces and displacements of a claw-pole generator 71288
Ramey, D. *see* Nguyen, P. 93317
Ramey, D.G. *see* Bian, J. 121054
Ramey, D.G. *see* Nelson, R.J. 70839
Ramezanian, M., Mahmina, A. A fuzzy logic self-organizing decentralized power system stabilizer for a multi-machine power system 101888
Ramfelt, L.H. *see* Feehrer, J.R. 87330
Ramge, U. *see* Buttner, D. 92290
Ramgopal Rao, V., Eisele, I., Grabolla, T. Alternative gate insulators for deep sub-micron channel length MOSFETs 106010
Ramgopal Rao, V., Sharma, D.K., Vasi, J. Neutral electron trap generation under irradiation in reoxidized nitrided gate dielectrics 105485
Ramharter, J. *see* Lutter, P. 117277
Ramineni, N., Chrzanowska-Jeske, M. Tree restructuring and fitting approach for layout problem in cellular-architecture FPGAs 73285
Ramirez, A. *see* Kafarov, V.V. 61449
Ramirez, A. *see* Miks, J. 82228
Ramirez, C. *see* Petrucci, M. 92234
Ramirez, D. *see* Carrasco, J.A. 120628
Ramirez, G. *see* Biscardi, R. 100503
Ramirez, G. *see* Tepichin, E. 116744
Ramirez, J. *see* Leston, E. 102165
Ramirez, J.A., Chat-Uthai, C., Lowther, D.A., Freeman, E.M. Sensitivity analysis for the automatic shape design of electromagnetic devices in 3D using FEM 97002
Ramirez, J.A., Rao, B., Peddell, J.B., Loach, P.D., Freeman, E.M. An investigation of magnetic fields induced from underwater acoustic sources 65609
Ramirez, J.A. *see* Chat-Uthai, C. 65730
Ramirez, J.A. *see* Peddell, J.B. 65702
Ramirez, J.A. *see* Saldanha, R.R. 107803
Ramirez, J.G. *see* Collica, R.S. 74798
Ramirez, J.J. Design of the Jupiter accelerator for large X-ray yields 89600
Ramirez, J.J. *see* Mazarakis, M.G. 89601
Ramirez, J.L. *see* Hernandez, A.E. 102109
Ramirez, J.L. *see* Montenegro, J.C. 102272
Ramirez, J.M. *see* Baez-Lopez, D. 60435
Ramirez, J.M. *see* Velasco, G. 92077
Ramirez, J.V. *see* Lin, J.C. 71046
Ramirez, R. *see* Gonzalez, J.M. 84766
Ramirez Molina, A. *see* Torre Stella, M. 103191
Ramirez-Angulo, J. Yet another low-voltage four quadrant analog CMOS multiplier 83258
Ramirez-Angulo, J. ±0.75 V BiCMOS four quadrant analog multiplier with rail-rail input signal-swing 104734
Ramirez-Angulo, J., Choi, S.C., Gonzalez-Altamiran, G. Low supply voltage OTA architectures using floating gate transistors 73132
Ramirez-Angulo, J., Gonzalez-Altamirano, G. OTA-GS filters: the new face of RC-active filters 73546
Ramirez-Angulo, J., Gonzalez-Altamirano, G. OTA-GS filters: the new face of RC-active filters 93566
Ramirez-Angulo, J., Gonzalez-Altamirano, G. High speed IDDQ current sensors for VLSI system testing 115271
Ramirez-Angulo, J. *see* Beasley, J. 73016
Ramirez-Angulo, J. *see* Carneiro, N.C.F. 93621
Ramirez-Angulo, J. *see* Choi, S.C. 83257
Ramirez-Bon, R., Espinoza-Beltran, F.J., Arizpe-Chavez, H., Zelaya-Angel, O., Sanchez-Sinencio, F. Structural and optical studies in a-CdTe:O annealed films 74139
Ramirez-Malo, J.B. *see* Fernandez-Pena, J. 74288
Ramirez-Nino, J., Pacheco, M.J.O., Rodriguez, J., Castano, V.M. Design and construction of a pollution monitor for power line insulators 81114
Ramirez-Rosado, I.J., Bel, C.A. Multiobjective models applications to power-distribution systems design 102108
Ramirez-Rosado, I.J., Dominguez-Navarro, J.A. Distribution planning of electric energy using fuzzy models 111595
Ramirez-Rosado, I.J., Dominguez-Navarro, J.A., Bernal-Agustin, J.L. Demand-side-management modelling to evaluate economical and technical improvements in electric distribution systems 101952
Ramiz, R. *see* Gunes, F. 114055
Ramjee, R., Nagarajan, R., Towsley, D. On optimal call admission control in cellular networks 88204
Ramkumar, R. *see* Rajapandian, K. 112092
Ramli Abd.Aziz bin Mohd. *see* Abd. Aziz bin Mohd. Ramli
Ramlot, G. *see* Sierens, C. 67950
Ramm, M.G. *see* Hofmann, D. 104136
Ramm, M.S. *see* Hofmann, D. 104136
Ramm, M.S. *see* Karpov, S.Yu. 103822
Ramm, M.S. *see* Karpov, S.Yu. 103992
Ramm, O.T.Von *see* Von Ramm, O.T.
Ramm, P. *see* Bollmann, D. 94813
Ramm, P. *see* Haberger, K. 84601
Rammal, M. *see* Eclercy, D. 76637
Ramminger, S. *see* Forster, M. 105349
Ramon, G. *see* Willis, L. 121089
Ramon de F. Moneo, J. *see* Carnicer, A. 108698
Ramoni, M. *see* Riva, A. 77959
Ramoni, P. *see* Jeannot, D. 62406
Ramos, A., Munoz, L., Martinez-Corcoles, F., Martin-Corrochano, V. A medium term bulk production cost model based on decomposition techniques 102024
Ramos, A. *see* Hernandez-Cabrera, A. 94527
Ramos, A. *see* San Emeterio, J.L. 120681
Ramos, F. *see* Silva, A. 110819
Ramos, F. *see* Sousa Pereira, A. 110821
Ramos, G., Campillo, T., Diaz, R., Velazquez, P., Gerez, V. Results from field experiments on AC polluted insulators in Mexico 102215
Ramos, G. *see* Guardiola, J. 76339
Ramos, J. *see* Alonso, J.I. 99288
Ramos, J. *see* Blas, J.M. 88779
Ramos, J. *see* Blas, J.M. 117102
Ramos, L., Blau, J., Colson, W.B. Simulating the trapped-particle instability in the Boeing 1 kW FEL 96470
Ramos, L.M.P. *see* Van Es, H.W. 80291
Ramos, M. *see* De Fermin, R. 118651
Ramos, M.G., Hemami, S.S. Edge-adaptive JPEG image compression 86524
Ramos, M.G., Hemami, S.S. Eigenfeatures coding of videoconferencing sequences 87878
Ramos, R. *see* Lazaro, A.M. 109995
Ramos, R. *see* Manuel, A. 121740
Ramos, R. *see* Singh, A. 69167
Ramos, R.A. *see* Sides, S.W. 84777
Ramos-Garcia, R. *see* Kaczmarek, M. 65533
Ramos-Lopez, R. *see* Berriel-Valdos, L.R. 117706
Ramos-Martos, J. *see* Wenk, B. 74983
Ramos-Martos, J. *see* Wenk, B. 84664
Ramos-Niembro, G., Diaz Acosta, R., Gonzalez, F., Diaz, L., Gerez, V. A methodology to select the right of way of transmission lines, considering environmental factors 81071
Rampart, J. PLL frequency multiplication using gallium arsenide integrated technology 93193
Rampogna, F. *see* Mosanya, E. 73050
Rampon, J.-X. *see* Bouchitte, V. 103669
Rampone, S. *see* Brescia, M. 120705
Rampone, S. *see* D'Argenio, B. 120655
Ramponi, G. *see* Castagno, R. 117584
Ramponi, G. *see* Marsi, S. 104703
Ramponi, G. *see* Russo, F. 77184
Ramprasad, B.S. *see* Chandrasekar, B.S. 79464
Ramsamoedj, R. *see* Diemeer, J. 78653
Ramsawock, G. *see* Honary, B. 86062
Ramsay, J. ATM testing ensures conformance, performance 68020

Ramsay, S.M., Cronin, P.E., Nelson, R.J., Bian, J., Menendez, F.E. Using distribution static compensators (D-STATCOMs) to extend the capability of voltage-limited distribution feeders 70877
Ramsdale, M.L. *see* Young, K.C. 80255
Ramsdale, P.A. Personal communications network evolution 78394
Ramsdale, P.A. The development of personal communications 78553
Ramsden, D. *see* Durrant, P. 110699
Ramsden, D. *see* Palmer, M.J. 101012
Ramsden, E. Solid state magnetic gear tooth sensing 110085
Ramsden, S.A. *see* Smith, C.G. 107039
Ramsey, B. *see* Bolotnikov, A. 100841
Ramsey, B.D. *see* Austin, R.A. 101020
Ramsey, C.C. *see* Deley, M. 73873
Ramsey, P. *see* Olin, B.D. 82810
Ramseyer, G.O. *see* Dauplaise, H.M. 105498
Ramseyer, G.O. *see* Stadler, B.J.H. 62729
Ramskey, M. *see* Yuan Tang 115216
Ramstad, T.A. *see* Lervik, J.M. 79188
Ramstad, T.A. *see* Lervik, J.M. 86505
Ramsteiner, M., Klann, R., Diweritz, L., Hey, R., Kostial, H., Jungk, G. Photoluminescence enhancement induced by near surface Si doping wires in GaAs 62994
Ramsteiner, M. *see* Notzel, R. 113380
Ramungul, N., Khemka, V., Tyagi, R., Chow, T.P., Ghezzo, M., Neudeck, P.G., Kretchemer, J., Hennessy, W., Brown, D.M. Comparison of aluminum- and boron-implanted vertical 6H-SiC p^{+}n junction diodes 105887
Ramungul, N., Tyagi, R., Bhalla, A., Chow, T.P., Ghezzo, M., Kretchmer, J., Hennessy, W. Design and simulation of 6H-SiC UMOS FET and IGBT for high-temperature power electronics applications 105921
Ramus, C. *see* Devaux, F. 75586
Ramus, C. *see* Rigny, A. 119132
Ramvall, P., Anand, S., Carlsson, N., Carlsson, S.-B., Omling, P., Samuelson, L., Seifert, W., Tidlund, P., Wang, Q., Wernersson, L.-E. Transport and Schottky properties of GaInP capped GaInAs/InP quantum wells with extremely high electron mobilities 105339
Ramvall, P. *see* Omling, P. 63807
Ramvall, P. *see* Omling, P. 83935
Ran, L., Yacamini, R., Smith, K.S. Torsional vibrations in electrical induction motor drives during start-up 71799
Ran, L. *see* Christopoulos, C. 76494
Ran, L. *see* Gokani, S. 122006
Ran, L. *see* Smith, K.S. 70774
Ran, M., Snyders, J. A cyclic [6,3,4] group code and the hexacode over GF(4) 66361
Ran, M., Snyders, J. A cyclic [6,3,4] group code and the hexacode over GF(4) 76796
Ran Li *see* Li Ran
Ran Qize *see* Fan Xiaobo 110117
Rana, A.E. *see* Valentine, J.D. 120242
Rana, D.R. Design and development of transmitter system for direct sequence spread spectrum system 68119
Rana, F., Tiwari, S., Buchanan, D.A. Self-consistent modeling of accumulation layers and tunneling currents through very thin oxides 94618
Rana, F. *see* Tiwari, S. 63821
Rana, F. *see* Tiwari, S. 95086
Rana, L.L., Ziemek, G., Pack, A.V., Jr. Lead free hermetically sealed metallic sheath cables 121173
Rana, M.U. *see* Islam, M.U. 83864
Rana, R.S. *see* Bhattacharyya, A.B. 101436
Rana, S.S., Dubey, Y.P. Local behaviour of the deficient discrete cubic spline interpolator 82525
Ranade, A. *see* Li Fung Chang 68087
Ranade, A. *see* Li Fung Chang 99190
Ranade, R., Bhandari, S., Chandorkar, A.N. VLSI implementation of artificial neural network based digital multiplier and adder 93652
Ranaweera, D.K., Hubele, N.F., Karady, G.G. Fuzzy logic for short term load forecasting 70787
Ranaweera, J., Kalastirsky, I., Gulersen, E., Ng, W.T., Salama, C.A.T. A novel programming method for high speed, low voltage flash E^{2}PROM cells 73338
Rancic, P.D., Stajic, Z.P., Tosic, B.S., Djordjevic, D.R. Analysis of linear ground electrodes placed in vertical three-layer earth 70987
Rancic, P.D., Stefanovic, L.V., Djordjevic, D.R. An improved linear grounding system analysis in two-layer earth 111674
Rancic, P.D. *see* Stajic, Z.P. 81164
Rancoita, P.G. *see* Acciarri, M. 120165
Rancoita, P.G. *see* Baschirotto, A. 95215
Rancoita, P.G. *see* Croitoru, N. 90181
Rancoita, P.G. *see* Croitoru, N. 94213
Rancourt, K. *see* Schoof, J. 89020
Rand, D.A.J. Energy storage in lead-acid batteries: the Faraday way to sustainability 102946
Rand, D.A.J. Publications on lead/acid batteries and related phenomena: 10-year compilation 1984-94 121850
Rand, D.A.J. *see* Mayer, M.G. 112252
Rand, J.A., Barnett, A.M., Checchi, J.C., Collins, S.R., Ford, D.H., Hall, R.B., Kendall, C.L., Lampo, S.M., Trabant, A.M. Large-area Silicon-Film™ manufacturing 112358
Rand, J.A. *see* Cotter, J.E. 112375
Rand, S.C. *see* Guy, S. 76203
Rand, S.C. *see* Shu, Q. 96736
Rand, S.C. *see* Shu, Q. 107427
Randall, B.A. *see* Schaefer, T.M. 62513
Randall, C.A. *see* Cann, D.P. 93947
Randall, J., Frazier, G., Seabaugh, A., Broekaert, T. Potential nanoelectronic integrated circuit technologies 115330
Randall, J. *see* Goldsmith, C. 95220
Randall, J.N. *see* Broekaert, T.P.E. 63822
Randall, J.N. *see* Broekaert, T.P.E. 105875
Randall, K.J., Xu, Z., Gluskin, E., McNulty, I., Dejus, R., Krinsky, S., Singh, O., Kao, C.-C., Johnson, E.D., Chen, C.T., Meigs, G. Characterization of a novel elliptically polarized wiggler 89635
Randall, L. *see* Rainer, R. 110668
Randall, R.B. *see* Gao, Y. 86245
Randall, R.B. *see* Gao, Y. 89518
Randen, T., Alvestad, V., Husoy, J.H. Optimal filtering for unsupervised texture feature extraction 86503
Randewijk, P. *see* Wilkinson, R.H. 71837
Randez, L. *see* Calvo, M. 61049
Randez, L. *see* Gonzelez-Pinto, S. 61043
Randhawa, S.S., Ahluwalia, S.S., Gupta, R.C. Evaluation of the performance of C.S.I.O. pulse oximeter 110741
Randhawa, S.S. *see* Gupta, R.C. 110740
Randle, K. *see* Ranjbar, A.H. 110962
Rando, N. *see* Peacock, A. 99994
Rando, N. *see* Poelaert, A. 69909
Randoshkin, V.V., Zyuzin, A.M., Radaikin, V.V. Properties of (Pr,Bi)$_3$(Fe,Ga)$_5$O$_{12}$ films near angular momentum compensation points 106555
Randoshkin, V.V. *see* Aktsipetrov, O.A. 96738
Randy Chow *see* Yann-Hang Lee 108774
Raneiri, V. *see* Campisano, S.U. 62670
Raneri, G. *see* Pignatta, R. 119007
Raney, P.E. *see* Armstrong, T.R. 81843
Rang, J.C., Rua, M. Montage: providing teleproximity for distributed groups 67882
Rang, T., Blum, A. Two dimensional modelling of alloy metal Schottky contacts to 6H SiC substrate 94591
Rang-Chen Yu, Nagarajan, R., Bowers, J.E. Low temperature modulation characteristics of a quantum well laser 107228
Ranga, A.Sri *see* Sri Ranga, A.
Ranga, K. *see* Gelenbe, E. 110801
Ranga Rao, K.S. *see* Chakraborty, A. 76642
Ranga Swamy, P., Shivakumara Aradhya, R.S., Lakshminarasimha, C.S. Dependence of flashover voltage of EHV/UHV insulator strings on the wave shape of switching surge over voltages 81128
Rangacharyulu, C. *see* Maruyama, K. 100989
Rangan, C.Pandu *see* Pandu Rangan, C.
Ranganath, S. *see* Arun, K. 87014
Ranganath, T.R. *see* Aronson, L.B. 64872
Ranganathan, A. EMI control plan for ships 76473
Ranganathan, M., Pecht, M. Development of a automated contact resistance probe 114366
Ranganathan, N. *see* Krishna, V. 93497
Ranganathan, N. *see* Patel, M.I. 104762
Ranganathan, N. *see* Patel, M.I. 106223
Ranganathan, N. *see* Vijaykrishnan, N. 93085
Ranganathan, V.T. *see* Lakaparampil, Z.V. 112475
Ranganathan, V.T. *see* Palanivel, S. 112446
Rangarajan, A. *see* Black, M.J. 98073
Rangarajan, A. *see* Gold, S. 60835
Rangarajan, A. *see* Gold, S. 86388
Rangarajan, A. *see* Gold, S. 103664
Rangarajan, A. *see* Gold, S. 103701
Rangarajan, G. *see* Senthikumaran, N. 115903
Rangarajan, S. *see* Saha, D. 118130
Rangasayee, K. Complex PLDs let you produce efficient arithmetic designs 104576
Rangaswamy, T.R., Thyagarajan, T., Sanavullah, M.Y. Efficient thyristor controller for ESP [power plant emissions control] 121345
Rangayyan, R.M., Martins, A.C.G., Ruschioni, R.A. Aural analysis of image texture via cepstral filtering and sonification 66875
Rangayyan, R.M. *see* Shen, L. 86480
Rangel, R.D. *see* Lefebvre, S. 111573
Rangel Rojo, R. *see* Perez, S.A. 116680
Rangel-Patino, F.E. *see* Reynoso-Hernandez, J.A. 95059
Rangel-Rojo, R., Mohebi, M., Tentori, D. Study of the onset of self-pulsing behaviour in an Er-doped fibre laser 116401
Rangelow, I.W., Gotszalk, T., Dumania, P., Grabiec, P. AFM with piezoresistive Wheatstone bridge cantilever - analysis of technological surfaces 79336
Rangelow, I.W. *see* Linnemann, R. 69077
Rangelow, W.I. *see* Hudek, P. 63504
Rango, A. *see* Josberger, E.G. 80665
Rangoussi, M. *see* Upshaw, B. 120470
Rangsanseri, Y. A twin-criteria single-pass algorithm for polygonal approximation 87111
Rangsten, P., Smith, L., Rosengren, L., Hok, B. Electrostatically excited diaphragm driven as a loudspeaker 84631
Rangwala, S. *see* Jouaneh, M. 107662
Ranheim, A., Pelin, P. Decoupled blind symbol estimation using an antenna array 117491
Rani, R. *see* Samarasekara, P. 64335
Rani, U. *see* Chaturvedi, A. 92426
Ranieri, P. *see* Bertolotti, M. 95727
Ranito, J.V. *see* Lopes, J.A.P. 101974
Raniwala, S. *see* Aggarwal, M.M. 69839
Ranjan, D. *see* Asano, T. 66948
Ranjan, R., Das, D., Kothari, D.P. Distribution system planning using knowledge based expert system 111599
Ranjan, R. *see* Ross, C.A. 64451
Ranjan, R. *see* Tang, K. 115829
Ranjan, R.K. *see* Sanghavi, J.V. 83080
Ranjan, S. *see* Singh, J.N. 103676
Ranjbar, A.H., Charles, M.W., Durrani, S.A., Randle, K. Electron spin resonance and thermoluminescence dosimetry of clear fused quartz: its possible use for personal, high dose and high temperature dosimetry 110962
Ranjbar, A.M. *see* Eslamy, M. 101972
Ranjbar, A.M. *see* Monsef, H. 101711
Ranjbar, A.M. *see* Shahrtash, S.M. 101755
Ranjbar, H. *see* Lande, T.S. 62074
Rank, E. *see* Krause, R. 82566
Rankin, G. *see* Aronson, L.B. 64872
Rankin, G. *see* Baney, D.M. 107156
Rankin, G. *see* Baney, D.M. 107162
Rankin, G.A. *see* Tirkel, A.Z. 88080
Rankin, I. *see* O'Hara, A. 75616
Rankin, I. *see* O'Hara, A. 85096
Rankin, I.D., Underwood, I., Vass, D.G., Worboys, M.R. Full-colour miniature display 100212
Rankin, I.D. *see* Underwood, I. 79631
Rankin, N. *see* Turpin, T. 103378
Rankin, R.F., Sage, P. Experiences using the European ATM pilot network 87870
Rankin, R.N. *see* Medynsky, A.O. 70080
Rannikko, S. *see* Toivonen, M. 120571
Rannon, Z.M. *see* Moyal, A. 97616
Rannou, F., Gregor, J. Equilateral polygon approximation of closed contours 77412
Ranogajec-Komor, M., Vekic, B., Piesch, E., Burgkhardt, B., Szabo, P.P. International intercomparison of solid state dosemeters within environmental monitoring 110990
Ranogajec-Komor, M. *see* Miljanic, S. 120570
Ranogajec-Komor, M. *see* Vekic, B. 120575
Ransom, A.J.M. Handoff considerations in microcellular systems planning 88370
Ransom, J.C.W. *see* McCall, L.V. 102891
Ransome, J. Call routing at Dell 67693
Ranson, K.J., Guoqing Sun, Montgomery, B., Lang, R.H. Mapping of boreal forest biomass using SAR 120895
Ranson, K.J. *see* Sun, G. 120709
Ranson, R.G. *(editor)* 1996 IEEE MTT-S International Microwave Symposium Digest (Cat. No.96CH35915) 82064
Ranta, P.A. *see* Silventoinen, M.I. 99279
Rantala, T.S., Lantto, V., Rantala, T.T. Effects of mobile donors on potential distribution in grain contacts of sintered ceramic semiconductors 83865
Rantala, T.T. *see* Rantala, T.S. 83865
Rantalainen, T. *see* Silventoinen, M. 118839
Rantalainen, T. *see* Silventoinen, M.I. 99276
Rantanen, E. *see* Kosunen, A. 110970
Rantsev-Kartinov, V.A. *see* Kukushkin, A.B. 111066
Ranu, E. *see* Ganchev, S.I. 82794
Ranucci, E. *see* Ferrari, V. 89005
Ranzi, R. *see* Marazzi, A. 120747
Rao, A., Miller, D., Rose, K., Gersho, A. Generalized vector quantization: jointly optimal quantization and estimation 66457
Rao, A. *see* Miller, D. 66199
Rao, A.Gangadhara *see* Gangadhara Rao, A.
Rao, A.K. *see* Sandrin, W.A. 99443
Rao, A.R. Future directions in industrial machine vision: a case study of semiconductor manufacturing applications 87180
Rao, A.S. *see* Perdikaris, G.A. 71788
Rao, A.S.Gopala *see* Gopala Rao, A.S.
Rao, A.V. *see* Das, A. 86135
Rao, B. *see* Ramirez, J.A. 65609
Rao, B.B.Prahlada *see* Prahlada Rao, B.B.
Rao, B.K. *see* Vorobiev, Y.V. 94281
Rao, B.K.N. *see* Baker, K. 110027
Rao, B.L.S.Prakasa *see* Prakasa Rao, B.L.S.
Rao, B.M., Ramakrishnan, S. Queueing models for a single server LAN with processor sharing disciplines 118368
Rao, B.Subba *see* Subba Rao, B.
Rao, B.V.Rama Mohana *see* Rama Mohana Rao, B.V.
Rao, C.B.R. *see* Kumar, R.V.R. 86282
Rao, C.Radhakrishna *see* Radhakrishna Rao, C.
Rao, C.Raja *see* Raja Rao, C.
Rao, D.H., Hosur, P.I. Fuzzy cellular neural network for image enhancement 66907
Rao, D.H., Kamat, H.V. A neuro-PID speed controller for DC drives 112473
Rao, D.H., Saraf, S.S. Study of defuzzification methods of fuzzy logic controller for speed control of a DC motor 112006
Rao, D.Narayana *see* Narayana Rao, D.
Rao, D.V.G.L.N., Aranda, F.J., Chen, Z., Akkara, J.A., Kaplan, D.L., Nakashima, M. Nonlinear optical studies of bacteriorhodopsin 85679
Rao, D.V.G.L.N., Aranda, F.J., Narayana Rao, D., Chen, Z., Akkara, J.A., Kaplan, D.L., Nakashima, M. All-optical logic gates with bacteriorhodopsin films 75646
Rao, E.V.K. *see* Pautet, C. 82600
Rao, G. *see* Narayana, S.M. 113068

Rao, G.A.S. *see* Ananthapadmanabha, T. 101987
Rao, G.G., Cranshaw, A.J. Development of a new generation of low voltage air circuit breakers 81607
Rao, G.J., Rajagopalan, K.S. Role of speed in selection of large hydro turbine units and its effect on their performance 121395
Rao, G.M. *see* Manju Latha, P. 76593
Rao, G.M. *see* Scoles, D.L. 90718
Rao, G.M. *see* Vaidyanathan, H. 112273
Rao, G.S. *see* Naikodi, A.L. 111832
Rao, G.S. *see* Narayana, S.M. 86292
Rao, G.Sridhara *see* Sridhara Rao, G.
Rao, G.V. *see* Amarendra, G. 120087
Rao, H.G., Kellner, A.L., Tsai, J.T., Cruz, R.L., Yu, P.K.L. COD: a transparent optical time-division multiplexer at 1.3 μm for scalable multigigabit multimedia networks 68406
Rao, J.B.L., Hughes, P.K., II, Trunk, G.V., Sureau, J.C. Affordable phased array for ship self-defense engagement radar 111416
Rao, J.S. Role of electrical problems in the failure of Narora power plant 111887
Rao, J.S., Singh, H. DYREMI–computer software for dynamics of reciprocating machine installations 82111
Rao, K. Curved 3-D object description from single aerial images using shadows 77167
Rao, K., Flinchbaugh, B. Image understanding research at TI 70552
Rao, K., Ganesan, S. ASIC benchmarking using niched Pareto genetic algorithm 95113
Rao, K.Deergha *see* Deergha Rao, K.
Rao, K.Nageswara *see* Nageswara Rao, K.
Rao, K.N.Suryanarayana *see* Suryanarayana Rao, K.N.
Rao, K.R. *see* Ben-Arie, J. 77307
Rao, K.R. *see* Ben-Arie, J. 86912
Rao, K.R. *see* Hsu, L. 86320
Rao, K.R. *see* Hsu, L. 99759
Rao, K.R. *see* Huh, Y. 77292
Rao, K.R. *see* Liangchi Hsu 79161
Rao, K.R. *see* Panusopone, K. 86487
Rao, K.Radhakrishna *see* Radhakrishna Rao, K.
Rao, K.Raghunath *see* Raghunath Rao, K.
Rao, K.Rajeshwar *see* Rajeshwar Rao, K.
Rao, K.S., Rao, Y.S., Venkataratnam, L., Narasimha Rao, P.V. Potential of SIR-C data to study vegetation over Gujarat Test Site, India 120668
Rao, K.S. *see* Rao, Y.S. 120660
Rao, K.S. *see* Sukhatme, J.S. 111093
Rao, K.S.P. *see* Shilpakar, L.B. 111960
Rao, K.S.Ranga *see* Ranga Rao, K.S.
Rao, K.Srinivasa *see* Srinivasa Rao, K.
Rao, K.S.V.S.N.Prasad *see* Prasad Rao, K.S.V.S.N.
Rao, K.U. *see* Padiyar, K.R. 70840
Rao, K.V. *see* Jonsson, B.J. 64268
Rao, K.V. *see* Tyunina, M. 92923
Rao, K.Vishnuvardhana *see* Vishnuvardhana Rao, K.
Rao, M. *see* Anderson, J.M.M. 101179
Rao, M. *see* Mair, B.A. 101166
Rao, M.Maniprasa *see* Maniprasa Rao, M.
Rao, M.Mohan *see* Mohan Rao, M.
Rao, M.N. *see* Aggarwal, M.M. 69839
Rao, M.N. *see* Prahlad Rao, N. 78582
Rao, M.N. *see* Shastry, S.V.K. 76463
Rao, M.P.S., Prasad, B., Khastgir, P., Ojha, P. Theoretical study of thin circular infrared filter with alternate concentric regions of dielectric and partially conducting materials 75668
Rao, M.R. Influence of the microstructure of a $SrTiO_3$ buffer layer on the microwave properties of $Y_1Ba_2Cu_3O_{7-x}$ films on MgO 106675
Rao, M.Srinivas *see* Srinivas Rao, M.
Rao, M.Srinivasa *see* Srinivasa Rao, M.
Rao, M.V., Gardner, J., Holland, O.W., Kelner, G., Ghezzo, M., Simons, D.S., Chi, P.H. Al and N ion implantations in 6H-SiC 105589
Rao, M.V. *see* Gardner, J. 74523
Rao, M.V. *see* Sahebu, K.M. 78264
Rao, N. *see* Parsi, K. 75263
Rao, N.A.H.K. *see* Venkatraman, S. 101202
Rao, N.J. *see* Srinivasan, B. 81425
Rao, N.K., Hartsfield, D.K., Purushotham, A., Garverick, S.L. An IC for closed-loop micromotor control 91585
Rao, N.K. *see* Aggarwal, M.M. 69839
Rao, N.Prahlad *see* Prahlad Rao, N.
Rao, N.Sudarshan *see* Sudarshan Rao, N.
Rao, N.S.V., Sitharama Iyengar, S. Distributed decision fusion under unknown distributions 66801
Rao, N.S.V. *see* Toemoe, S. 77214
Rao, P. *see* Ameta, S.C. 112395
Rao, P.H., Mishra, J.K., Chordia, A. Analysis and placement of Yagi-Uda arrays in multi antenna receiving system 76643
Rao, P.H. *see* Das, S.K. 76591
Rao, P.H. *see* Selvan, K.T. 76594
Rao, P.M., Sridevi, P.V., Gutti, C.S., Prasad, M.V.V., Raju, G.S.N., Raju, K.V.L. Some studies on arrays for sidelobe reduction required for EMI control 76641
Rao, P.N.A.P., Chandrasekhar, N.S., Parthasarathy, T. EMC design of a modern fighter aircraft—a case study 76470
Rao, P.Ramakrishna *see* Ramakrishna Rao, P.
Rao, P.Sasidhara *see* Sasidhara Rao, P.
Rao, P.U.M. *see* Manju Latha, P. 76593
Rao, P.V.N. *see* Rao, Y.S. 120660
Rao, P.V.Narasimha *see* Narasimha Rao, P.V.
Rao, P.V.S. *see* Krishnan, S. 86947
Rao, R.K. *see* Wang, Z. 86497
Rao, R.P. Growth and characterization of $Y_2O_3{:}Eu^{3+}$ phosphor films by sol-gel process 72862
Rao, R.P. Synthesis of fine grain $YAG{:}RE^{3+}$ phosphors for low voltage display devices 95972
Rao, R.P.N. Top-down gaze targeting for space-variant active vision 77319
Rao, R.R. *see* Dietrich, P. 109414
Rao, R.R. *see* Zorzi, M. 68208
Rao, R.R. *see* Zorzi, M. 68249
Rao, R.R. *see* Zorzi, M. 78572
Rao, R.R. *see* Zorzi, M. 108863
Rao, S., Pearlman, W.A. Analysis of linear prediction, coding, and spectral estimation from subbands 77022
Rao, S., Volery, F., Potts, M., Riese, M. Traffic considerations for the design of ATM switch architectures 78300
Rao, S. *see* Bishop, G. 79029
Rao, S. *see* Hyland, K. 83624
Rao, S. *see* Kobeissi, H. 114219
Rao, S. *see* Singh, P. 71454
Rao, S.C.Shekar *see* Shekar Rao, S.C.
Rao, S.J., Jain, R., Basu, B.N. Two-stage dielectric-loading for broadbanding a gyro-TWT 62640
Rao, S.M., Gothard, G.K. Recent techniques in electromagnetic modeling and analysis 76326
Rao, S.M. *see* Adve, R.S. 82531
Rao, S.M. *see* Adve, R.S. 97075
Rao, S.S., Bontrager, E.L., Gronley, J.K., Newsam, C.J., Perry, J. Three-dimensional kinematics of wheelchair propulsion 110946
Rao, S.S., Chellapilla, K. Design of discrete coefficient FIR filters using fast simulated evolutionary optimization 108288
Rao, S.S., Ramasubrahmanyan, A. Design of discrete coefficient FIR filters by simulated evolution 62024
Rao, S.S. *see* Nagarajan, K. 120411
Rao, S.S. *see* Padiyar, K.R. 111468
Rao, S.S. *see* Yoon, S.H. 108807
Rao, S.V.L.N. *see* Ramesh Babu, I. 110739
Rao, T.Prabhakar *see* Prabhakar Rao, T.
Rao, T.R.N. *see* Sihai Xiao 66395
Rao, T.S., Chaudhuri, A.K. Photoconductive relaxation studies of SnSe thin films 85256
Rao, T.S., Indukumar, K.C. Spectral and wavelet methods for the analysis of nonlinear and nonstationary time series 86279
Rao, T.S. *see* Roth, A.P. 114786
Rao, T.S.S.Srinivasa *see* Srinivasa Rao, T.S.S.
Rao, U. *see* Casady, J.B. 110131
Rao, U.R.K. *see* Tyagi, A.K. 75307
Rao, V. *see* Mishra, S.K. 84889
Rao, V. *see* Wen-Sheng Wang 61242
Rao, V.B. *see* Sayah, J.Y. 113638
Rao, V.K. *see* Misra, S.C.K. 110268
Rao, V.M., Nowrouzian, B. Design and implementation of asynchronous parallel multiply-accumulate arithmetic architectures 93426
Rao, V.R., Wittmann, F., Gossner, H., Eisele, I. Hysteresis behavior in 85-nm channel length vertical n-MOSFETs grown by MBE 63742
Rao, V.Ramgopal *see* Ramgopal Rao, V.
Rao, Y.F. *see* Uehiro, M. 121316
Rao, Y.Gopala *see* Gopala Rao, Y.
Rao, Y.J., Jackson, D.A., Zhang, L., Bennion, I. Dual-cavity interferometric wavelength-shift detection for in-fiber Bragg grating sensors 119714
Rao, Y.J., Webb, D.J., Jackson, D.A., Zhang, L., Bennion, I. High-resolution, wavelength-division-multiplexed in-fibre Bragg grating sensor system 69206
Rao, Y.J. *see* Lobo Ribeiro, A.B. 69212
Rao, Y.Narayana *see* Narayana Rao, Y.
Rao, Y.S., Rao, P.V.N., Venkataratnam, L., Rao, K.S. ERS-1 and JERS-1 SAR data analysis for soil moisture and land cover studies 120660
Rao, Y.S. *see* Kyatanavar, D.N. 90505
Rao, Y.S. *see* Rao, K.S. 120668
Rao, Y.S. *see* Sukhatme, J.S. 111093
Rao, Y.Syamasundara *see* Syamasundara Rao, Y.
Rao, Y.T., Jackson, D.A., Zhang, L., Bennion, I. Strain sensing of modern composite materials with a spatial/wavelength-division multiplexed fiber grating network 69208
Rao, Y.V.Ramana *see* Ramana Rao, Y.V.
Rao Chitrapu, P. Linear prediction based on Teager-Kaiser energy function and application to speech modeling and spectral analysis 117422
Rao Guanghui *see* Wang Cong 75309
Rao Liyun *see* Liyun Rao
Rao Mingzhong *see* Huang Jian 96924
Rao Mingzhong *see* Huang Jian 102810
Rao Mingzhong *see* Huang Jian 107766
Rao Mingzhong *see* Huang Jian 107774
Rao Nalluri, S.R.P., Vani, V., Gurumoorthy, B. A 3D-clipping algorithm for form feature volume extraction 98257
Rao Suraj *see* Suraj Rao
Rao Yinong, Xia Jiawen, Yuan Youjin, Wei Baowen Electron beam transverse temperatures on HIRFL-CSR e-cooler 69665
Rao Yinong, Xia Jiawen, Yuan Youjin, Wei Baowen, Tanabe, T. Electron gun design for HIRFL-CSR electron cooler 69605
Rao Yinong, Yuan Youjin, Xia Jiawen, Wei Baowen Intrabeam scattering in heavy ion beam 120071
Rao Yumei *see* Lin Zhi 116919
Rao Yun-Jiang *see* Yun-Jiang Rao
Raoof, K., Piatyszek, E. A novel real-time adaptive filtering system for biomedical applications 101352
Raoult, F. *see* Pichon, L. 63675
Raoult, F. *see* Pichon, L. 74718
Rapajic, P. *see* Woodward, G. 118847
Rapakoulias, D. *see* Kounavis, P. 94425
Rapapa, N.P., Scandolo, S. Universal constraints for the third-harmonic generation susceptibility 116625
Raparelli, T. *see* Belforte, G. 99903
Rapcsak, T. Geodesic convexity on R_+^{n1} 92536
Rapeaux, M. *see* Kokabi, H.R. 93945
Rapeli, J. UMTS–a path to 3rd generation mobile communications of the 21st century 99253
Raphael, H.B. *see* Myhre, J.C. 92011
Raphael, H.B. *see* Raad, R.O. 112458
Raphaeli, D. Distribution of noncentral indefinite quadratic forms in complex normal variables 60822
Raphaeli, D. Construction of uniform error property codes for generalized decoding 86061
Raphaeli, D., Kaitz, T. A reduced complexity algorithm for combined equalization and decoding for channels with multipath, ISI or partial response 77546
Raphaeli, I. *see* Milano, A. 83195
Rapisarda, M. *see* Feroci, M. 69768
Rapisarda, P. *see* Kuijper, M. 72411
Rapley, B.R. *see* Whittington, C.J. 70264
Rapoport, J.L. *see* Rajapakse, J.C. 69935
Rapoport, N., Suconick, D., Clarke, R., Mottiwala, A. The development of an advanced hermetic power package for a solid state power controller 92255
Rapoport, V.O., Fedoseev, Yu.G., Belova, N.I., Sazonov, Yu.A., Zinichev, V.A. Operating decameter RASS near Nishny Novgorod and perspectives for far radio-acoustic sounding using the Sura HF-radar 80631
Raposa, B.P. *see* Pascasio, A.A. 72478
Rapottnig, A. *see* Heissenberger, T. 121412
Rapp, F. *see* Walchli, U. 89559
Rapp, L. *see* da Silva, V.L. 88630
Rapp, M., Bari, N., Stier, S., Ache, H.J. Optimization of an analytical SAW microsystem for organic gas detection 110258
Rapp, M., Wessa, T., Ache, H.J. Modification of commercially available low-loss SAW devices towards an immunosensor for in-situ measurements in water 106457
Rapp, R. *see* Suss, W. 79326
Rapp, S. *see* Streubel, K. 96264
Rapp, S. *see* Streubel, K. 96379
Rappaport, C.M. Interpreting and improving the PML absorbing boundary condition using anisotropic lossy mapping of space 65791
Rappaport, C.M. *see* Dunn, D. 120492
Rappaport, C.M. *see* Gurel, T. 97053
Rappaport, C.M. *see* Ping Liu 120498
Rappaport, D.M. Key role of integration in call centres 98611
Rappaport, S.A. *see* Stair, A.T., Jr. 90796
Rappaport, S.S. Some recent work on traffic performance modeling and channel borrowing for cellular communications 118856
Rappaport, S.S., Purzynski, C. Prioritized resource assignment for mobile cellular communication systems with mixed services and platform types 99222
Rappaport, S.S. *see* Hua Jiang 109517
Rappaport, S.S. *see* Jung-Lin Pan 118969
Rappaport, S.S. *see* Lon-Rong Hu 68316
Rappaport, S.S. *see* Tai-Po Chu 99165
Rappaport, T.S. Future trends of mobile and personal communications 99338
Rappaport, T.S. *see* Liberti, J.C. 88153
Rappaport, T.S. *see* Liberti, J.C. 109544
Rappaport, T.S. *see* Liberti, J.C. 116881
Rappaport, T.S. *see* Newhall, W.G. 88949
Rappaport, T.S. *see* Newhall, W.G. 116885
Rappaport, T.S. *see* Sherali, H.D. 68082
Rappaz, J., Swierkosz, M. Mathematical modelling and numerical simulation of induction heating processes 103159
Rappich, J., Lewerenz, H.J. Photo- and potential-controlled nanoporous silicon formation on n-Si(111): an in-situ FTIR Investigation 94247
Rappich, J. *see* Dittrich, T. 92792
Rappich, J. *see* Dittrich, T. 94599
Rappl, P.H.O. *see* Boschetti, C. 72950
Rappold, H.M., Ryckebusch, M., Stark, M. From thick film hybrid circuits to multichip modules 73891
Rappoport, V. *see* Jiang, J. 101126
Raptis, A.C. *see* Dryagin, Y.A. 110344
Raptis, A.C. *see* Razazian, K. 66742
Raquet, J.F. *see* Bohenek, B.J. 80723
Rarenko, I.M. *see* Bodnaruk, O.A. 94445
Rarenko, I.M. *see* Buyanova, I.A. 116214
Rarenko, I.M. *see* Pogrebnyak, V.A. 105140
Rasa, F. *see* Bastida, E.M. 62275
Rasanen, J. *see* Silvennoinen, R. 79295
Rasanen, M., Hamalainen, R.P., Ruusunen, J. Visual interactive modeling in electric load analysis 102009
Rasanen, M., Ruusunen, J., Hamalainen, R.P. Object-oriented modeling software for electric load analysis and simulation 91050

Rasch, K.D. *see* Bell, R.O. 103002
Rasch, P. *see* Brammer, U. 64573
Rascoe, D.L. *see* Gedney, S. 93904
Rascoe, D.L. *see* Javadi, H.H.S. 93778
Rash, C.E., McGowin, E., III Measuring light 119794
Rash, C.E. *see* Levine, R.R. 79637
Rasheed, Y., Leon-Garcia, A. AAL1 with FEC for the transport of CBR MPEG2 video over ATM networks 87327
Rashenko, V. *see* Dikansky, N.S. 89778
Rashevits, K. *see* Latkovskia, L. 113736
Rashevsky, A. *see* Beole, S. 110562
Rashid, A.B.M.H., Kishi, M., Katoda, T. Raman spectroscopic analysis of stress on GaAs-SiO$_2$ interface and the effect of stress on tin diffusion in GaAs 114824
Rashid, H., Smith, D.A., Pathan, M.A., Bao, Z. Short-pulse-probe SAW profilometry of integrated acousto-optic filters 68416
Rashid, K. *see* Ashen, R.A. 72131
Rashid, T., Holliday, D., Grant, D.A. Effect of DC link capacitance on the transient response of a PWM AC-DC converter 121746
Rashid, Z.A.A. *see* McEwan, N.J. 107884
Rashkeev, S.N., Lambrecht, W.R.L., Segall, B. Electronic structure of SiC/TiC interfaces 105470
Rashkes, V.S., Ziles, L.D. Very high frequency overvoltages at open air EHV substations during disconnect switch operations 91693
Rashvand, H.F., Arsenishvili, G. Buffer management and traffic processing system for cell-structured multimedia communications 78172
Rashvand, H.F. *see* Arsenishvili, G. 77703
Rashwan, M.A. *see* Mahmoud, A.M. 93413
Rasiah, A.I., Togneri, R., Attikiouzel, Y. QRS detection using morphological and rhythm information 70110
Rasigni, M. *see* Loeffler, A. 76691
Rasing, T. *see* Aktsipetrov, O.A. 84009
Rasing, T. *see* Aktsipetrov, O.A. 85696
Rasing, T. *see* Groeneveld, R.H.M. 69425
Rasing, T. *see* Groot Koerkamp, M. 75172
Rasing, T. *see* Mishina, E.D. 96743
Rasing, T. *see* Rubtsov, A.N. 107518
Rasing, Th. *see* Aksipetrov, O.A. 74433
Rasing, Th. *see* Aktsipetrov, O.A. 96733
Raskin, D., Stoneback, D., Chrostowski, J., Menna, R. Don't get clipped on the info highway: Tackling signal degradation caused by laser clipping 99765
Raskin, J.-P. *see* Gillon, R. 93844
Raskin, J.P., Gillon, R., Vanhoenacker, D., Colinge, J.P. Direct extraction method of SOI MOSFET transistors parameters 115204
Rasmussen, E. *see* Smirnov, A. 85127
Rasmussen, F. *see* Christl, N. 81004
Rasmussen, J.E. *see* Cannon, P.S. 116900
Rasmussen, J.J. *see* Berge, L. 85715
Rasmussen, J.J. *see* Berge, L. 107590
Rasmussen, J.O. *see* Tauschwitz, A. 96956
Rasmussen, L.K., Bartz, M.J., Wicker, S.B. A comparison of trellis coded and Reed-Solomon coded hybrid-ARQ protocols over slowly fading Rayleigh channels 77757
Rasmussen, L.K. *see* Lei Wei 67550
Rasmussen, L.K. *see* Lei Wei 118035
Rasmussen, N. *see* Blas, F. 79935
Rasmussen, N.C. *see* DuBord, R. 81209
Rasmussen, P. A question of protocol [European paging market] 118916
Rasmussen, R. *see* Phanse, A. 104409
Rasmussen, T. The switch-board corporation: modernity and the emerging informational systems 98533
Rasmussen, T. *see* Christensen, H.I. 86688
Rasmussen, T. *see* Dinesen, P.G. 106860
Rasmusson, J.R., Broems, P., Birgerson, J., Erlandsson, R., Salaneck, W.R. The interface surfaces of a CN-substituted poly(phenylenevinylene) light-emitting diode, a morphological study 85312
Rasoanarivo, I. *see* Agbossou, A. 121928
Rasolonjanahary, J.L., Thollon, F., Burais, N., Brunotte, X. Study of eddy currents non destructive testing system in riveted assemblies 61506
Rasolonjanahary, J.L. *see* Sicard, D. 110957
Rassner, G. *see* Klyscz, Th. 69967
Rassokhin, N.G. *see* Dinh, T.N. 71098
Rassokhin, V.A. *see* Busurin, V.N. 121373
Rastegaev, B.V. *see* Izgorodin, A.K. 106552
Rastegaev, V.P. *see* Andreev, A.N. 103981
Rastegaev, V.P. *see* Rastegaeva, M.G. 105742
Rastegaeva, M.G., Andreev, A.N., Zelenin, V.V., Babanin, A.I., Nikitina, I.P., Chelnokov, V.E., Rastegaev, V.P. Nickel-based metallization in processes of the 6H-SiC device fabrication: ohmic contacts, masking and packaging 105742
Rastegaeva, M.G. *see* Lebedev, A.A. 105301
Rastegaeva, M.G. *see* Ortolland, S. 114694
Rastegar, S. *see* Jagathesan, S. 80469
Rastelli, S. *see* Arca, G. 111305
Rastelli, S. *see* Ciucci, A. 111302
Rastello, M.L. *see* Castelletto, S. 89072
Rastgoufard, P. *see* Soergel, S. 71300
Rastogi, A., Milgram, P., Drascic, D., Grodski, J.J. Telerobotic control with stereoscopic augmented reality 100224
Rastogi, A.C. *see* Jeyakumar, R. 112419
Rastogi, A.K. Design and performance of coplanar waveguide slotline bandpass filter 73671
Rastogi, M., Naik, R., Mohan, N. A sinusoidal-current rectifier for industrial and distribution AC to regulated DC voltage 91654
Rastogi, P.K. Measurement of curvature and twist of a deformed object by electronic speckle-shearing pattern interferometry 79740
Rastogi, P.K. Measurement of in-plane strains using electronic speckle and electronic speckle-shearing pattern interferometry 96763
Rastogi, R. *see* Ozden, B. 98851
Rastogi, R. *see* Ozden, B. 99795
Rastogi, R. *see* Ozden, B. 119500
Rastogi, R. *see* Panagos, E. 77935
Rastomjee, C.S., Dale, R.S., Schaffer, R.J., Jones, F.H., Egdell, R.G., Georgiadis, G.C., Lee, M.J., Tate, T.J., Cao, L.L. An investigation of doping of SnO$_2$ by ion implantation and application of ion-implanted films as gas sensors 105567
Rastorguev, A.A. *see* Bessergenev, V.G. 104131
Rasukova, I.A. *see* Meschanov, V.P. 76505
Rasulov, A.R., Rizaev, M.K., Sultanov, Yu.I. Useful capacity of solar power systems 81356
Rasulov, K. *see* Mirzabaev, M. 102518
Rasulov, K. *see* Mirzabaev, M. 121885
Rasulov, R.Ya. *see* Vaitkus, Yu.Yu. 116208
Rasyid, R., Adiono, T., Indrajit, P.E., Mengko, T.R. Fast skeleton operation using template matching algorithm 87114
Rasyid, R. *see* Adiono, T. 86874
Ratajczak, P., Bousquet, T., Brachat, P., Dedeban, C., Guiraud, J.L. Applications of the formalism of integral equations to three-dimensional structures incorporating dielectrics 65952
Ratajska-Gadomska, B., Gadomski, W. Phase dynamics in bistable and chaotic behaviour of a soft crystal mode parametrically driven by an optical field 107510
Ratakhin, N.A., Fedushchak, V.F., Shepelev, A.N. Peskar'–an electron beam generator for industrial applications 119962
Ratakhin, N.A. *see* Bespalov, V.I. 120237
Ratakhin, N.A. *see* Luchinskii, A.V. 121535
Ratakhin, N.A. *see* Luchinskii, A.V. 121563
Ratakonda, K.C., Singh, S.P. Flexible image compression: a transformative interpolative approach 98112
Ratan, A.L. *see* Grimson, W.E.L. 77320
Ratanaphanyara, S. *see* Sanchez, H. 73466
Ratcliff, A.H. *see* Roh, W.B. 65448
Ratcliff, B. *see* Abe, K. 69708
Ratcliff, B. *see* Abe, K. 69726
Ratcliff, B. *see* Giller, C.A. 80203
Ratcliff, B.N. Future high energy physics experiments using RICH detectors: the next generation 69748
Ratcliffe, M. *see* Glazebrook, G. 99344
Rateitschak, K., Ebeling, W., Freund, J. Nonlinear dynamical model for texts 117121
Rates, J. *see* Sannicandro, G. 110308
Rath, G.S. *see* Panda, R. 98005
Rath, K., Wendorf, J.W. Set-top box control software: a key component in digital video 99772
Rath, O.S. *see* Panda, R. 60945
Ratha, N.K., Jain, A.K., Rover, D.T. FPGA-based high performance page layout segmentation 98100
Ratha, N.K., Karu, K., Shaoyun Chen, Jain, A.K. A real-time matching system for large fingerprint databases 98226
Rathbone, B. *see* Tawil, R.A. 110972
Rathbun, T.F. *see* Wilson, T.A. 90873
Rathgeb, E.P. The EWSXpress core node–a versatile ATM switch and its application to narrowband trunking 118722
Rathi, V., Kumar, G., Ray, K.P. Improved coupling for aperture coupled microstrip antennas 97292
Rathie, A.K. *see* Lavoie, J.L. 92366
Rathje, K. *see* Ban, J. 69810
Rathman, D.D. *see* Bozler, C.O. 74062
Rathman, D.D. *see* Kodis, M.A. 105010
Rathmann, F., Montag, C., Fick, D., Tonhauser, J., Bruckner, W., Gaul, H.-G., Grieser, M., Povh, B., Rall, M., Steffens, E., Stock, F., Zapfe, K., Braun, B., Graw, G., Haeberli, W. Polarizing a stored, cooled proton beam by spin-dependent interaction with a polarized hydrogen gas target 119987
Rathmann, F. *see* Wise, T. 120082
Rathmann, F. *see* Zapfe, K. 120083
Rathmann, O. *see* Clausen, S. 119915
Rathmell, J. *see* Parker, A. 100294
Rathod, N.B. View and mark-up: an enigma or a solution in concurrent engineering 92141
Rathore, A. *see* Mori, T. 119647
Rathore, H.S. *see* Nguyen, D.B. 60725
Rathore, H.S. *(editor)* Proceedings of the Symposium on Reliability of Metals in Electronics 60347
Rathore, S.R., Prasad, K. Needle control distributing valve of a new design for small Pelton turbines 71169
Rathore, T.S., Jain, L.C. Programmable gain amplifiers 61661
Rathore, T.S., Jain, L.C. Economical and accurate digitally programmable dual-polarity gain amplifier 73117
Rathsfeld, A. Error estimates and extrapolation for the numerical solution of Mellin convolution equations 61081
Ratkje, K. *see* Melhus, O. 81860
Ratkje, S.K. *see* Stolin, A.M. 81862
Ratkovic, A., Rubin, I. Performance analysis of ATM switches under a multi mode traffic model 77650
Ratliff, L.P. *see* Pikin, A.I. 90064
Ratna, B.R. *see* Crawford, G.P. 95871
Ratna, B.R. *see* Geer, R.E. 106308
Ratnajeevan, S. *see* Srinivasan, D. 65750
Ratnakar, V., Livny, M. Extending RD-OPT with global thresholding for JPEG optimization 86741
Ratnakar, V. *see* Livny, M. 108605
Ratnakumar, B.V., Surampudi, S., Di Stefano, S., Halpert, G., Witham, C., Hightower, A., Fultz, B. Studies on AB$_5$ metal hydride alloys with Sn additives 71645
Ratnakumar, B.V., Witham, C., Bowman, R.C., Jr., Hightower, A., Fultz, B. Electrochemical studies on LaNi$_{5-x}$Sn$_x$ metal hydride alloys 121844
Ratnakumar, B.V. *see* Huang, C.-K. 81691
Ratnakumar, B.V. *see* Witham, C. 121856
Ratnakumar, B.V. *see* Witham, C.K. 71646
Ratnam, K.V. *see* Bhadra, S.N. 111986
Ratnam, K.Venkata *see* Venkata Ratnam, K.
Ratnaraj, R. *see* Sammes, N.M. 81844
Ratnavel, S., Paulraj, A., Constantinides, A.G. MMSE space-time equalization for GSM cellular systems 109440
Ratner, I., Ali, H.O., Petriu, E.M., Eatherley, G. Neural network modelling of electromagnetic field problems 108014
Ratner, L. *see* Huang, H. 119985
Ratner, L.G. *see* Caussyn, D.D. 119984
Ratner, L.G. *see* Crandell, D.A. 100780
Ratner, L.G. *see* Phelps, R.A. 119990
Ratner, M. *see* Mujica, V. 73895
Ratnov, A.G., Rubtsov, N.M., Temchin, S.M., Dement'ev, A.P. Deposition and some properties of silicon dioxide thin films obtained by monosilane and dichlorosilane oxidation at low temperatures and pressures 61398
Ratovelomanana, F., Vodjdani, N., Enard, A., Glastre, G., Rondi, D., Blondeau, R., Jourdan, A. Monolithic integration of a Michelson all-optical wavelength converter 78778
Ratovelomanana, F. *see* Haes, J. 76540
Ratovelomanana, F. *see* Joergensen, C. 99458
Ratovelomanana, F. *see* Jourdan, A. 88603
Ratovelomanana, F. *see* Masetti, F. 78317
Ratovelomanana, F. *see* Vodjdani, N. 68419
Ratowsky, R. *see* Yang, L. 95697
Ratschko, D. *see* Knolle, D. 116829
Ratsep, M., Tian, M., Grelet, F., Le Gouet, J.-L., Sigel, C., Roblin, M.-L. Time-encoded spatial routing in a photorefractive crystal 96831
Rattaggi, M. *see* Acciarri, M. 120165
Rattaggi, M. *see* Croitoru, N. 94213
Rattan, S.S. Transparency of error correcting codes 66250
Rattanavit, A. Field experience in voltage & reactive power based on EGAT's system configuration 80823
Rattay, B., Grognet, V., Hubner, M., Maquet, F., Gouessant, P. Highly integrated single package monolithic VCO/up-converter for digital microwave radio systems 88110
Rattay, B., Vanestrenvord, J.M., Ildis, B., Foucher, J.L. A novel design method for frequency doublers and quadruplers illustrated on C- and Ku-band telemetry, command and control space applications 114311
Rattay, B. *see* Buret, H. 73776
Rattay, F. *see* Lutter, P. 117277
Ratti, A., Brennan, J.M., Brodowski, J., Onillon, E., Rose, J. The RHIC accelerating cavity prototype tuner 100615
Ratti, A. *see* Mackay, W.W. 89986
Ratti, A. *see* Rose, J. 100506
Ratti, A. *see* Rose, J. 100673
Ratti, S.P. *see* Arena, V. 90171
Rattihalli, R.N. *see* Kulkarni, H.V. 82336
Ratto, E. *see* Botti, O. 91696
Ratton, L. *see* Kunt, T. 79587
Rattray, W.G., Toal, J.A. Transmission system optimisation in a vertically integrated UK utility 80979
Ratwises, B. *see* Boonkosum, W. 96037
Ratzel, G. *see* Tucker, M. 99054
Rau, G., Klipstein, P.C., Nicopoulos, V.N., Johnson, N.F. Analytic solutions for the valence subband mixing at the zone center of a GaAs/Al$_x$Ga$_{1-x}$As quantum well under uniaxial stress perpendicular to the growth direction 114751
Rau, G. *see* Njoku, P.C. 110936
Rau, M.Defos du *see* Defos du Rau, M.
Rau, N. *see* Vladimirsky, Y. 79365
Rau, N. *see* Weber, E. 102001
Rau, W.-D., Baumann, F.H., Rentschler, J.A., Roy, P.K., Ourmazd, A. Characterization of stacked gate oxides by electron holography 74996
Raubenheimer, T., Adolphsen, C., Burke, D., Chen, P., Ecklund, S., Irwin, J., Loew, G., Markiewicz, T., Miller, R., Paterson, E., Phinney, N., Ross, K., Ruth, R., Sheppard, J., Tang, H., Thompson, K., Wilson, P. Parameters of the SLAC Next Linear Collider 89588
Raubenheimer, T., Bane, K.L.F., Berg, J.S., Byrd, J., Corlett, J., Furman, M., Heifets, S., Kubo, K., Minty, M., Scott, B., Thompson, K.A., Wilson, P.B., Zimmermann, F. Collective effects in the NLC damping ring designs 89853
Raubenheimer, T. *see* Adolphsen, C. 89854

Raubenheimer, T. *see* Bane, K. 89979
Raubenheimer, T. *see* Emma, P. 89663
Raubenheimer, T. *see* Krejcik, P. 89652
Raubenheimer, T. *see* Tatchyn, R. 96526
Raubenheimer, T.O. Ion effects in future circular and linear accelerators 100630
Raubenheimer, T.O., Byrd, J., Corlett, J., Early, R., Furman, M., Jackson, A., Krejcik, P., Kubo, K., Mattison, T., Minty, M., Moshammer, W., Robin, D., Scott, B., Spencer, J., Thompson, K., Wilson, P. A damping ring design for the SLAC next linear collider 89662
Raubenheimer, T.O., Decker, F.-J., Seeman, J.T. Beam distribution function after filamentation 90027
Raubenheimer, T.O. *see* Kubot, K. 89980
Rauber, T. *see* Keller, J. 73042
Rauber, T.W. *see* Barata, M.M. 110016
Rauch, G.B., Sabin, D.D., McGranaghan, M., Sundaram, A. Implementing system-wide power quality monitoring plans 121261
Rauch, G.C., Liu, J.J., Lee, S.Y., Boszormenyi, I., Chuan Gao, Jing Gui, Kuo, D., Marchon, B., Vierk, S., Malmhall, R. Glass-ceramic substrates for 1 Gb/in^2 and beyond 115681
Rauch, G.C. *see* Gao, C. 115672
Rauch, G.C. *see* Gao, C. 115757
Rauch, G.C. *see* Kuo, D. 115754
Rauch, G.C. *see* Morales, M.P. 115601
Rauch, G.C. *see* Zhang, B. 115600
Rauch, J., Scalet, K. Object-oriented software development for computer-aided, mobile data transmission 88297
Rauchas, A. *see* Cho, Y. 79994
Rauchfuss, J. *see* Klose, H.A. 106815
Raucoules, F. *see* Godts, P. 110141
Raud, C. *see* Favre, J.-P. 113602
Raufaste, N.J. NIST building and fire research laboratory 60524
Raugh, M.R., Minor, J.M. Statistical perspectives of self-calibration [lithography measurement] 115055
Raugh, M.R. *see* Takac, M.T. 115057
Raugi, M. Surface charge effects in 3D eddy current computation via equivalent network models 107780
Raugi, M., Forsman, K., Kettunen, L. Influence of the continuity conditions on the numerical computation of electromagnetic fields by integral equation formulations 107723
Raugi, M., Ida, N. Modeling of remote field eddy current transient phenomena 92992
Raugi, M. *see* Albanese, R. 65690
Raugi, M. *see* Esposito, N. 62396
Raugi, M. *see* Esposito, N. 65689
Raugi, M. *see* Esposito, N. 65693
Rauh, M. *see* Clever, M. 118949
Rauhala, E. *see* Likonen, J. 63246
Raukhman, V.M. *see* Vidavskii, A.E. 116687
Raul, I.A. Structure and properties of tin-doped indium oxide thin films prepared by reactive electron-beam evaporation with a zone-confining arrangement 61350
Raum, C., Mason, R., Runtz, K. Optical fibre alignment using micromachines 74971
Raum, K. *see* Dietze, M. 110551
Raupach, L. *see* Bodemann, A. 107464
Raupach, L. *see* Eva, E. 116187
Raupp, G.B. *see* Virmani, M. 82728
Raus, M., Kreft, L. Reading car license plates by the use of artificial neural networks 86470
Raus, T. *see* Hanke, M. 92595
Rausand, M., Oien, K. The basic concepts of failure analysis 92326
Rausch, C. *see* Dietze, M. 110551
Rauschembach, K.A. *see* Patel, N.S. 119240
Rauschenbach, B. *see* Henke, S. 113365
Rauschenbach, K.A. *see* Barry, R.A. 77948
Rauschenbach, K.A. *see* Hall, K.L. 75642
Rauschenbach, K.A. *see* Hall, K.L. 78874
Rauschenbach, K.A. *see* Patel, N.S. 88490
Rauschenbach, K.A. *see* Patel, N.S. 88638
Rauschenbach, K.A. *see* Patel, N.S. 116155
Rauscher, C. A channelized-limiter approach to receiver front-end protection 99052
Rauscher, C., Pond, J.M., Tait, G.B. Cryogenic microwave channelized receiver 93775
Rauscher, K.F., Lai, M.-Y., Sneed, E.L., Liss, R.M. Maintaining switching software viability 78305
Rauscher, R. A design assistant for scheduling of design decisions 104288
Rauscher, R., Klawan, D., Bandelt, H.-J. Results given by a new evaluation system for placement and routing heuristics 106181
Rauscher, R., Krause, A. A system for heuristic modifications on PLA-specifications 104532
Rauscher, S. *see* Dittrich, T. 92792
Rauscher, S. *see* Dittrich, T. 94599
Rauss, P. *see* McKee, D.C. 117631
Rauta, A., Woudstra, J.B., Deleroi, W., van Beijnhem, E. Industrial microcontrollers [for electric drives] 112627
Rauta, S. *see* Dash, P.K. 90944
Rautenberg, M., Rzehak, H. A control system for an interactive video on demand server handling variable data rates 78212
Rauterberg, M., Motavalli, M., Darvishi, A., Schauer, H. Automatic sound generation for spherical objects hitting straight beams based on physical models 119512
Rauth, L. *see* Anderson, J. 62630
Rautio, J.C. The microwave point of view on software validation 73618
Rauzy, A. *see* Dutuit, Y. 113027
Rava, P., Crovini, G., Demichelis, F., Giorgis, F., Pirri, C.F. Characterization of the effect of growth conditions an a-SiC:H films 113490
Rava, P. *see* Fathallah, M. 94405
Rava, P. *see* Giorgis, F. 92841
Ravaioli, U., Lee, C.H., Patil, M.B. Monte Carlo simulation of microwave devices 62261
Ravaioli, U. *see* Jakumeit, J. 114564
Ravanelli, E. *see* Rossi, D. 73093
Ravanelli, R. *see* Coccioli, R. 97395
Ravard, O., Chevrier, F. Volume scattering by tropospheric turbulence at midlatitudes: frequency validity range 97133
Ravard, O. *see* Le Palud, M. 107914
Ravazzani, P. *see* Tognola, G. 120433
Ravazzi, L. *see* Esseni, D. 83116
Rave, W., Eckert, D., Schafer, R., Gebel, B., Muller, K.-H. Interaction domains in isotropic, fine-grained $Sm_2Fe_{17}N_3$ permanent magnets 115502
Rave, W. *see* Defoug, S. 75107
Raveau, B. *see* Cherradi, A. 72962
Raveendranath, U., Jacob, J., Mathew, K.T. Complex permittivity measurement of liquids with coaxial cavity resonators using a perturbation technique 69450
Raveendranath, U. *see* Mathew, K.T. 97308
Ravel, O. *see* Naudin, N. 69546
Ravela, S., Manmatha, R., Riseman, E.M. Image retrieval using scale-space matching 67244
Ravela, S., Weiss, R., Draper, B., Pinette, B., Hanson, A., Riseman, E. Stealth navigation: planning and behaviors 77324
Raven, P., Sandmann, S., Schoemackers, G. RASANT: Radio Aided Satellite Navigation Technique 79068
Raven, R.F. *see* Eason, K.D. 111514
Ravera, C.N., Olivier, P.J., Britten, A.C., Swift, D.A. Silicone rubber insulators on Eskom's AC transmission lines 81116
Ravera, M. *see* Freschi, G. 98842
Ravera, M. *see* Olsen, B.T. 78788
Ravera, M. *see* Olsen, B.T. 98910
Ravesi, S. *see* Grimaldi, M.G. 113331
Ravet, F. *see* Ives, D.J. 64682
Ravet, M.F., Rousseaux, F. Status of diamond as membrane material for X-ray lithography masks 84259
Ravet, M.F. *see* Hehn, M. 64271
Ravetto, M. *see* Marion, D. 69310
Ravetto, M. *see* Rothan, F. 69311
Ravey, I., Derrick, A. Investigations into the use of site calibration to reduce the uncertainty in power performance verification of wind turbines in complex terrain 102561
Ravez, M. *see* Assaad, J. 101592
Ravi, G., Anbukumar, S., Subramanian, C., Pillai, P.K.C., Ramasamy, P. Effect of metallic dopants on triglycine sulpho-phosphate single crystals 75030
Ravi, K.N., Keshava, C., Naidu, M.S. Study of mechanisms leading to failure of insulators under pollution conditions with DC voltages 81115
Ravi, R. *see* Marathe, M.V. 118165
Ravi, S. *see* Narula, R.C. 103828
Ravi, S. *see* Senthikumaran, N. 115903
Ravi, S.S. *see* Chundi, P. 109031
Raviart, P.-A., Sonnendrucker, E. A hierarchy of approximate models for the Maxwell equations 61069
Ravichandran, D., Roy, R. Growth of diamond on diamond substrates in presence of an alkali and metal under hydrothermal conditions 103966
Ravichandran, D., Xavier, F.P., Sasikala, S., Babu, S.M. Photoconductivity studies of $CdSe_{1-x}Te_x$ thin films as a function of doping concentration 85255
Ravichandran, D. *see* Roy, R. 94279
Ravichandran, L., Sanjay, S., Govindiaj, K., Chouhan, H.M. TUL/OCS: a open client server architecture 67856
Ravigururajan, T.S. *see* Cuta, J.M. 74972
Ravikumar, A.R., Ragupathi, S., Yadukumar, K., Pushpakala, K.S., Nandakumar, V.N., Hegde, R.K., Parameswaran, S., Reddy, M.C. Uninterruptible power supply employing IGBTs in parallel with electronic protection 112139
Ravikumar, C.P., Agrawal, N., Agarwal, P. Efficient delay test generation for modular circuits 93299
Ravikumar, C.P., Prasad, M.R., Hora, L.S. Estimation of power from module-level netlists 93084
Ravikumar, C.P., Rajarajan, N. Genetic algorithms for scan path design 93324
Ravikumar, C.P., Saund, G.S., Agrawal, N. A STAFAN-like functional testability measure for register-level circuits 61845
Ravikumar, C.P., Saxena, V. Synthesis of testable pipelined datapaths using genetic search 93081
Ravikumar, C.P., Saxena, V. TOGAPS: a testability oriented genetic algorithm for pipeline synthesis 113654
Ravikumar, C.P. *see* Abdulla, M.F. 93319
Ravikumar, M.K., Shukla, A.K. Effect of methanol crossover in a liquid-feed polymer-electrolyte direct methanol fuel cell 121864
Ravikumar, V., Rodrigues, R.P., Dravid, V.P. An investigation of acceptor-doped grain boundaries in $SrTiO_3$ 95271
Ravin, C.E. *see* Humphrey, L.M. 109047
Ravind, S. *see* Cleetus, G.M. 70605
Ravindra, A. *see* Hengchun Mao 71447
Ravindra, N.M. *see* Kaplinsky, M.B. 69550
Ravindran, G. *see* Fallah Tafti, M. 70151
Ravindran, K. Architectural and protocol frameworks for multicast data transport in multi-service networks 109071
Ravindran, K. Design of multicast packet switches for high-speed multi-service networks 109106
Ravindran, K., Steinmetz, R.P. Object-oriented communication structures for multimedia data transport 109210
Ravindranathan, P. *see* Kumar, S. 104151
Ravinovich, I. *see* Faschingbauer, U. 110557
Ravipati, D., Hua-Ching Tong, Miloslavsky, L. Magnetic properties of CoFeB sputtered films for high Bsat applications 64261
Raviprakasha, N.S., Ramar, K. Maximum power transfer in AC transmission lines limited by voltage stability 111627
Ravishankar, C. *see* Dimolitsas, S. 108206
Ravishankar, C. *see* Dimolitsas, S. 118698
Ravishankar, C.S., Onufry, M. Acoustic echo control considerations for video teleconferencing 98817
Ravishankar, C.V. *see* Thaler, D.G. 87720
Ravishsnkar, M.K., Satyam, M. Optically/electrically (symmetrically) triggerable bistable multivibrator 83191
Ravkin, M. *see* De Larios, J.M. 74593
Ravn, H.F., Rygaard, J.M., Wibbels, B. Power network design 90914
Ravn, H.F. *see* Sondergren, C. 71119
Ravn, H.L. Sources for production of radioactive ion-beams 90069
Ravuri, T.R., Mandelshtam, V.A., Taylor, H.S. The calculation of transmission and resonance properties of quantum devices using methods from chemical reactive scattering 84497
Rawa, H. Mechanism accumulation of static charges–application and explosive conditions 96927
Rawal, D.S. *see* Chandra, I. 104845
Rawal, D.S. *see* Sehgal, B.K. 104844
Rawat, B.S., Jie Si Effect of laser source nonlinearity on optical heterodyne interferometry 76311
Rawat, N.K. *see* Jain, A. 109132
Rawat, R.S. *see* Srivastava, M.P. 83906
Rawicki, S. Diagnostics of three-phase induction motors driving traction vehicle 112528
Rawicz, A., Parameswaran, M., Chen, J.M. Reliability and yield in fabrication of microcantilever structures using bulk silicon micromachining 95228
Rawlings, R. FANS: The impact on the future European ATM system (EATMS) 80591
Rawlings, R. *see* Ashkenazi, V. 79079
Rawlings, R.D. *see* Lowrie, F.L. 81782
Rawlins, L. *see* Goulden, C. 60665
Rawlins, L. *see* Madson, G. 61914
Rawsky, G.C., Henretta, K.J., Lowrey, R., Shriver, D.F., Vaynman, S. Development of aluminosilicate polyelectrolytes for solid-state battery applications 112291
Rawson, R.F. *see* Sheen, D.R. 109768
Rawsthorne, J. *see* Bachus, E.-J. 78914
Rax, B.G. *see* Johnston, A.H. 111049
Ray, A., Tangirala, S. Stochastic modeling of fatigue crack dynamics for on-line failure prognostics 72355
Ray, A. *see* Abadeer, W. 105501
Ray, A. *see* Acovic, A. 106206
Ray, A. *see* Xiaowen Dai 120641
Ray, A. *see* Xiaowen Dai 120642
Ray, A.K. *see* Holambe, R.S. 108578
Ray, A.K. *see* Jawahar, C.V. 97867
Ray, B., Gerber, S.S., Patterson, R.L., Dickman, J.E. Low temperature performance of a boost converter with MPP and HTS inductors 71466
Ray, B. *see* Clough, S. 74300
Ray, G., Yadaiah, N., Durga Prasad, G. Design of a load frequency regulator based on the Schur approach 101824
Ray, G. *see* Nakagawa, O.S. 63442
Ray, G.C. Determination of the area function of individual vocal tract from average for sustained vowels 120329
Ray, G.C. r-Parameter: a new measure of nonstationarity 120417
Ray, G.P., Sanders, P.W., Stockel, C.T. New technique for the representation of access network performance 109044
Ray, I., Bertino, E., Jajodia, S., Mancini, L. An advanced commit protocol for MLS distributed database systems 78017
Ray, J., Snyder, D. Pedobarographic gait analysis on male subjects 69919
Ray, K.P., Chande, J.V., Damle, S.H. The mutual coupling effect on the input impedance and radiation pattern of Yagi antenna in an array environment 97380
Ray, K.P. *see* Rathi, V. 97292
Ray, M. *see* Chattopadhyay, P. 84461
Ray, M. *see* Radford, W. 100114
Ray, M.A. *see* Auciello, O. 73949
Ray, P. Direct measurement of dynamic compressibility modulus: introducing the K-meter and experimental difficulties 89520

Ray, P.K. *see* Dabade, B.M. 72336
Ray, R.D. *see* Parichha, T.K. 60818
Ray, R.L. *see* Evans, R.J. 102888
Ray, S., Hong Jiang Reconfigurable optical bus and performance optimization 77925
Ray, S. *see* Bose, S. 94332
Ray, S. *see* Hazra, S. 72945
Ray, S. *see* Middya, A.R. 92899
Ray, S.K., Maiti, C.K., Lahiri, S.K., Chakrabarti, N.B. TEOS-based PECVD of silicon dioxide for VLSI applications 61364
Ray, S.K. *see* Bera, L.K. 105458
Ray, S.K. *see* Mukhopadhyay, M. 84153
Ray, S.K. *see* Mukhopadhyay, M. 105678
Ray, S.K. *see* Sarkar, A. 82719
Ray, U., Artaki, I., Wenger, G.M., Machusak, D.A. Printed wiring board surface finishes: evaluation of electroless noble metal coatings 94081
Ray, U., Gordon, H.M., Sohn, J.E. Quantitative analysis of non-ionic residues from assembly processes 94089
Ray, U. *see* Artaki, I. 94062
Ray, U. *see* Ellenberger, C. 94088
Ray, U. *see* Finley, D.W. 92249
Ray, U. *see* Schubert, B. 94087
Ray, U.C., Gupta, A.K., Monga, K. Measurements of minority-carrier lifetime in PIN diodes 93780
Ray, V.N. Relevance of EMC specification in ISO 9000/IS 14000 scenario 76482
Ray, W.F. Switched reluctance drives 91787
Ray, W.F. *see* Cardenas, R. 102569
Ray Asok *see* Asok Ray
Ray-Chaudhuri, A.K. *see* Sweatt, W.C. 96835
Ray-Chaudhuri, D.K., Qing Xiang Constructions of partial difference sets and relative difference sets using Galois rings 72402
Ray-Chaudhuri, S. On the asymptotic properties of a class of linearly expanded maximum distance separable codes 66347
Ray-Guang Cheng, Chung-Ju Chang Design of a fuzzy traffic controller for ATM networks 77684
Ray-Guang Cheng, Chung-Ju Chang A neural-net based fuzzy admission controller for an ATM network 87342
Ray-Yuan Tsai *see* Du-Ming Tsai 117545
Rayabhari, M. Intelligent communications–line power applications for ISDN 67979
Rayapati, V.N., Kaminska, B. Interconnect propagation delay modeling and validation for the 16-MB CMOS SRAM chip 95183
Rayaravivarma, V. *see* Javan, H. 104530
Rayasam, R., Birdee, M., Lier, E., Cho, S., Kularajah, R., Kent, E. Dual-grid deployed shaped reflectors for commercial satellite applications 78581
Raybon, G., Young, M.C., Koren, U., Koch, T.L. Integrated laser/modulator arrays for high speed optical transmission systems 109609
Raybon, G. *see* Feldman, R.D. 68470
Raybon, G. *see* Feuer, M.D. 95829
Raybon, G. *see* Glance, B. 99572
Raybon, G. *see* Kao, Y.-H. 107321
Raybon, G. *see* Liou, K.-Y. 68486
Raybon, G. *see* Veselka, J.J. 78945
Raybon, G. *see* Young, M.G. 68418
Raybould, F. *see* Chan, S.S.M. 74604
Raychaudhuri, A., Deen, M.J., King, M.I.H., Kolk, J. Finding the asymmetric parasitic source and drain resistances from the a.c. conductances of a single MOS transistor 74747
Raychaudhuri, A., Deen, M.J., King, M.I.H., Kolk, J. A simple method to extract the parasitic resistances from a single MOSFET using measurements of small-signal conductances 84447
Raychaudhuri, A., Deen, M.J., Kwan, W.S., King, M.I.H. Features and mechanisms of the saturating hot-carrier degradation in LDD NMOSFETs 74725
Raychaudhuri, D. Wireless ATM networks: architecture, system design and prototyping 109400
Raychaudhuri, D. Wireless ATM, an enabling technology for multimedia personal communication 118579
Raychaudhuri, D. *see* Bansal, V. 118597
Raychaudhuri, D. *see* Ott, M. 78176
Raychaudhuri, D. *see* Xie, H. 68288
Raychaudhuri Dipankar *see* Dipankar Raychaudhuri
Rayes, A., Min, P.S. Capacity expansion of least busy alternate routing with shadow price 77796
Rayes, A. *see* El-Hajj, A. 76330
Raylman, R.R., Hammer, B.E., Christensen, N.L. Combined MRI-PET scanner: a Monte Carlo evaluation of the improvements in PET resolution due to the effects of a static homogeneous magnetic field 101219
Raylman, R.R., Wahl, R.L. Evaluation of ion-implanted-silicon detectors for use in intraoperative positron-sensitive probes 120394
Rayment, T. *see* O'Shea, S.J. 79722
Raymer, M.G. *see* Anderson, M.E. 100371
Raymer, M.G. *see* Boggavarapu, D. 107410
Raymond, A. *see* Sibari, H. 74353
Raymond, B.C. *see* Benham, H.C. 67713
Raymond, C.J., Murnane, M.R., Prins, S.L., Naqvi, S.S.H., McNeil, J.R., Hosch, J.W. Multiparameter CD measurements using scatterometry 112990
Raymond, C.J., Murnane, M.R., Prins, S.L., Sohail, S., Naqvi, H., McNeil, J.R. Multi-parameter process metrology using scatterometry 84508
Raymond, C.J., Naqvi, S.S.H., McNeil, J.R. Scatterometry for CD measurements of etched structures 115090
Raymond, L., Julien, P.-A., Carriere, J.-B., Lachance, R. Managing technological change in manufacturing SMEs: a multiple case analysis 72154
Raymond, M.V. *see* Aggarwal, S. 115461
Raymond, M.V. *see* Warren, W.L. 95284
Raymond, R.S. *see* Luppov, V.G. 120085
Raymond, T.D. *see* Armstrong, D.J. 65422
Raynal, F. *see* Fabbrizio, V. 62116
Raynal, M. *see* Baldoni, R. 98471
Raynal, M. *see* Baldoni, R. 98880
Raynal, M. *see* Baldoni, R. 109199
Raynal, M. *see* Baldoni, R. 118078
Raynal, M. *see* Mizuno, M. 108831
Raynaud, C. *see* Ferlet-Cavrois, V. 106019
Raynaud, C. *see* Lebedev, A.A. 105302
Raynaud, C. *see* Ortolland, S. 114694
Raynaud, C. *see* Renn, S.H. 94980
Rayne, R. *see* Fliflet, A.W. 104173
Rayner, J. *see* Duffey, B. 112081
Rayner, P.J.W. *see* Rajan, J.J. 117591
Raynor, B. *see* Bangert, A. 69189
Raynor, B. *see* Bangert, A. 83495
Raynor, B. *see* Hurm, V. 109629
Raynor, B. *see* Wang, Z.-G. 99476
Raynor, B. *see* Wang, Z.-G. 119130
Raynor, B. *see* Zhi-Gong Wang 73504
Rayson, J.K., Masterman, H.C., Fray, R.R. High-resolution video walls for training electric-power-plant operators 89434
Raywood, K. *see* Smith, G.R. 120229
Raz, G.H. Modeling and simulation of FM detection by zero-crossing in the presence of noise and DS interference 118752
Raza, S.M. *see* Islam, M.U. 83864
Razafitrimo, H., Gao, Y., Feld, W.A., Hsieh, B.R. A layer-wise topographic study of a polymeric light-emitting diode: indium-tin oxide/poly(2,3-diphenyl-p-phenylene vinylene)/Ag 107005
Razavi, B. A study of phase noise in CMOS oscillators 61676
Razavi, B. A 2.5-Gb/s 15-mW clock recovery circuit 61997
Razavi, B. A 2.5-Gb/s 15-mW clock recovery circuit 93539
Razavi, B. Challenges in portable RF transceiver design 109466
Razavi, S.H., Wysocki, T. Soft decision decoding of cyclic block codes for digital mobile radio 78435
Razaz, M. *see* Lee, R.A. 97972
Razazian, K., Bobis, J.P., Dieckman, S.L., Raptis, A.C. DSP-based on-line NMR spectroscopy using an anti-Hebbian learning algorithm 66742
Razban, A. *see* Davies, B. 103481
Razdan, R. *see* Paul, D.K. 88393
Razeghi, M., Choi, Y.H., Kim, J.D., Bigan, E. Development of InTlSb infrared photodetectors grown by LP-MOCVD 69173
Razeghi, M., Rogalski, A. Semiconductor ultraviolet detectors 79398
Razeghi, M., Rogalski, A. Semiconductor ultraviolet detectors 100007
Razeghi, M. *see* Hoff, J. 100003
Razeghi, M. *see* Kim, J.D. 89094
Razeghi, M. *see* Kim, S. 105240
Razeghi, M. *see* Kung, P. 100008
Razeghi, M. *see* Kung, P. 113291
Razeghi, M. *see* Michel, E. 82601
Razeghi, M. *see* Michel, E. 100006
Razeghi, M. *see* Saxler, A. 100009
Razeghi, M. *see* Yi, H.J. 75941
Razeghi, M. *see* Zhang, X. 94633
Razek, A. *see* Belhora, A.K. 65768
Razek, A. *see* Besbes, M. 64277
Razek, A. *see* El Feddi, M. 107721
Razek, A. *see* Gratkowski, S. 65784
Razek, A. *see* Gratkowski, S. 65890
Razek, A. *see* Gratkowski, S. 76414
Razhba, I.A. *see* Razhba, Ya.E. 110080
Razhba, Ya.E., Razhba, I.A. A device for calibrating resistance thermometers at the argon triple point 110080
Razin, S. *see* Faschingbauer, U. 110557
Razorenov, S.V. *see* Baumung, K. 110480
Razouk, R.R. *see* Bashir, R. 63902
Razumny, A.M. *see* Elliott, S. 118322
Razumov, A.S. *see* Baranov, V.Yu. 116347
Razumov, S. *see* Vendik, I. 106733
Razumovskaya, O.N. *see* Alyoshin, V.A. 106314
Razumovskaya, O.N. *see* Fesenko, E.G. 106312
Razumovski, N.V. *see* Volk, T.R. 96777
Razuvakin, V.N. *see* Dolbilov, G.V. 96490
Razuvakin, V.N. *see* Fateev, A.A. 89608
Razvag, M. *see* Agranat, A.J. 65540
Razvag, M. *see* Balberg, M. 116163
Razvin, Y., Kovalev, A., Potachitz, V. Spatial modulation of matrix nematic LCDs on fiberoptic component 95862
Razzaghi, M. *see* Ahmad, F. 84965
Razzaque, M.M. *see* Sadrul Islam, A.K.M. 71211
Razzaque, S.A. *see* Pfingst, B.E. 110929
Re, A. *see* Sibilia, C. 76264
Re, D. *see* Cinguino, P. 96430
Re, E.Del *see* Del Re, E.
Re, G.Lo *see* Lo Re, G.
Re, M. *see* Hu, B.H.L. 115661
Re, M.G. *see* Corvasce, C. 107339
Re, V. *see* Alietti, M. 120150
Re, V. *see* Becker, R. 110615
Re, V. *see* Nava, F. 80028
Re, V. *see* Nava, F. 100869
Rea, D. *see* Konecke, S. 82235
Rea, N.P. *see* Wilson, T. 100142
Rea, T. *see* Fisher, M. 67965
Read, A.L. *see* Alvsvaag, S.J. 90124
Read, B.C., Barker, D., Bishop, R.G., Concha, L.M., Emmert, J.M., Ewing, R.L., Fecher, G.L., Jarusiewic, P., Jr., Peterson, G.D., Rubeiz, M., Sayson, A.M. Developing the next generation cockpit display system 120625
Read, B.C., III Developing the next generation cockpit display system 120605
Read, B.C., III, Bright, V.M., Comtois, J.H. Mechanical and optical characterization of thermal microactuators fabricated in a CMOS process 74978
Read, D.T. *see* Wu, T.Y. *(editor)* 112741
Read, F.H., Bowring, N.J. Ultimate numerical accuracy of the surface charge method for electrostatics 65659
Read, F.H., Channing, J.M. Production and optical properties of an unscreened but localized magnetic field 79901
Read, K.L. *see* Peatross, J. 96230
Read, L. *see* van den Bogert, A.J. 80194
Read, M.E., Nusinovich, G.S., Dumbrajs, O., Bird, G., Hogge, J.P., Kreischer, K., Blank, M. Design of a 3-MW 140-GHz gyrotron with a coaxial cavity 105038
Read, P.D., Carter, M.K., Kent, B.J., Swinyard, B.M., Patchett, B.E., Redfern, R.M., Shearer, A., van Breda, I.G. A versatile high resolution imaging detector system for use in X-ray, EUV and visible wavelength regions 79526
Read, S. *see* Caporossi, D. 73206
Read, W.G. *see* Fishbein, E.F. 120780
Read, W.G. *see* Froidevaux, L. 120781
Read, W.G. *see* Lahoz, W.A. 120782
Reade, R.P., Russo, R.E. Ion-assisted pulsed-laser deposition for the fabrication of Y-Ba-Cu-O multilayer structures using oriented intermediate layers of YSZ and CeO$_2$ 92863
Reader, A., Nieuwenhuizen, K. X-ray fluorescence wafer analyzer improves semiconductor fabrication 105531
Reader, H.C., Naidoo, N.R. Arraying of half-Vivaldi antennas 117090
Reader, H.C. *see* Savo, R. 119859
Reader, H.C. *see* Williams, K. 117085
Reader, J. *see* Nave, G. 112594
Reading, I.A.D., Wan, C.L., Dickinson, K.W. Detection of pedestrians at PUFFIN crossings using computer vision 98340
Ready, S. *see* Street, R.A. 100144
Ready, S. *see* Wu, X.D. 100103
Ready, S.E. *see* Mei, P. 94961
Ready, W.J., Turbini, L.J., Stock, S.R., Smith, B.A. Conductive anodic filament enhancement in the presence of a polyglycol-containing flux [PWBs] 93991
Reagan, J.A., Galbraith, A.E., Spinhirne, J.D. Micro pulse lidar daytime performance: simulations and observations 120764
Reagan, J.A. *see* Erxleben, W.H. 120693
Reagan, J.A. *see* Galbraith, A.E. 120795
Reagan, J.A. *see* Schoening, V.L. 120770
Reagan, J.T. *see* Tescher, A.G. 120695
Reagor, D.W. *see* Findikoglu, A.T. 93835
Reagor, D.W. *see* Findikoglu, A.T. 106644
Reale, M. *see* Adam, W. 69709
Reale, M. *see* Campion, R. 69727
Reale, R.M. *see* Veca, A.C. 101614
Reali, G. *see* Cacopardi, S. 88312
Reali, G. *see* Cacopardi, S. 97120
Reali, G. *see* Cacopardi, S. 118770
Reali, G. *see* Gatti, F. 78414
Reamers, J.N. *see* Mao, H. 81679
Reass, W.A., Alvestad, H.A., Bartsch, R.R., Wurden, G.A., Ivers, T.H., Nadle, D.L. Design, construction, and first operational results of a 5 megawatt feedback controlled amplifier system for disruption control on the Columbia University HBT-EP tokamak 112172
Reass, W.A. *see* Davis, H.A. 119971
Reatti, A. Analysis and design of a current-driven two-inductor ZCS low di$_D$/dt full-wave rectifier 104322
Reatti, A. *see* Bartoli, M. 121552
Reay, D. *see* Changjing Shang 111926
Reay, D.S., Shang, C., Williams, B.W. Efficiency improvements in switched reluctance motor position and torque control using adaptive fuzzy systems 121457
Reay, D.S. *see* Shang, C. 81414
Reay, R.J. *see* Klaassen, E.H. 83276
Reay, R.J. *see* Maluf, N.I. 84630
Rebagliati, M. *see* Caorsi, S. 120364
Rebane, A. *see* Krylov, V. 96228
Rebane, A.K., Krylov, V.N., Koroteev, N.I., Zheltikov, A.M. Third-harmonic generation in a plasma formed by optical breakdown of air in the field of femtosecond laser pulses with a high repetition rate 65523
Rebaudengo, M., Reorda, M.S. A cellular genetic algorithm for the floorplan area optimization problem on a SIMD architecture 82889

Rebaudengo, M., Reorda, M.S. GALLO: a genetic algorithm for floorplan area optimization 93221
Rebaudengo, M. *see* Amendola, A.M. 113984
Rebaudengo, M. *see* Corno, F. 73233
Rebaudengo, M. *see* Corno, F. 82888
Rebaudengo, M. *see* Corno, F. 93223
Rebbert, M.L. *see* Waytena, G.L. 94822
Rebeiz, G.M. *see* Budka, T.P. 93903
Rebeiz, G.M. *see* Chen-Yu Chi 62202
Rebeiz, G.M. *see* Ellis, T.J. 97316
Rebeiz, G.M. *see* Filipovic, D.F. 68792
Rebeiz, G.M. *see* Katehi, L.P.B. 93877
Rebeiz, G.M. *see* Laheurte, J.-M. 66055
Rebeiz, G.M. *see* Laheurte, J.-M. 97356
Rebeiz, G.M. *see* Raman, S. 83370
Rebeiz, G.M. *see* Raman, S. 109783
Rebeiz, G.M. *see* Robertson, S.V. 83330
Rebel, A. Harmonics and their detection 102064
Reber, D.M. *see* Aiguo Yin 84403
Reber, R.A., Jr. *see* Shaneyfelt, M.R. 74742
Reber, R.A., Jr. *see* Shaneyfelt, M.R. 106021
Rebhan, U., Bragin, I., Voss, F., Stamm, U. Recent results on longlife 1 kHz excimer laser development 107058
Rebizant, C., Liatard, B. Boundary element software simplifies EM sensor design 119641
Reblewski, F. *see* Burgun, L. 83084
Rebmann, M. *see* Gerhardt, T. 102440
Rebolledo, M.A., Jarabo, S., Hotoleanu, M., Karasek, M., Grolmus, E., Jaunart, E. Study of a technique for absolute measurement of stimulated emission cross section in erbium doped silica-fibres: analysis of errors 65089
Rebolledo, M.A. *see* Lazaro, J.A. 65081
Rebolledo, M.A. *see* Martin, J.C. 116020
Rebolledo, M.A. *see* Valles, J.A. 107197
Rebolledo, R., Rios, S., Trigo, R., Matus, M. Stochastic modeling of street lamps operation 103156
Rebollo, J. *see* Fernandez, J. 94628
Rebollo, J. *see* Flores, D. 63644
Rebollo, J. *see* Flores, D. 63645
Rebollo, J. *see* Vellvehi, M. 82938
Rebollo, M.A. *see* Quintian, F.P. 79695
Rebollo Neira, L., Constantinides, A.G. Power spectrum estimation from values of noisy autocorrelations 97729
Rebolo, R. *see* Davies, R.D. 99700
Rebolo, R. *see* Mandolesi, N. 99703
Rebolo, R. *see* Smoot, G.F. 99702
Rebone, V.K., Rotinyan, M.A., Fedorov, I.A. Method for determination of the optimal chemical composition of the fuel in atomic-fluorine generators for self-contained cw chemical HF/DF lasers 107126
Rebone, V.K. *see* Belyaev, A.A. 75811
Rebone, V.K. *see* Konkin, S.V. 75806
Rebone, V.K. *see* Konkin, S.V. 85360
Reboni, V.K. *see* Konkin, S.V. 85375
Rebora, A. *see* Marchesoni, M. 71510
Reboul, S. *see* Taleb-Ahmed, A. 108585
Rebourgeard, P. *see* Giomataris, Y. 90177
Rebuffel, V. *see* Hennebert, C. 87038
Reburn, W.J. *see* Lambert, A. 120778
Recce, M., Taylor, J., Piebe, A., Tropiano, G. High speed vision-based quality grading of oranges 108595
Rech, B., Beneking, C., Wagner, H. Improvement in stabilized efficiency of a-Si:H solar cells through optimized p/i-interface layers 103021
Rech, B. *see* Kubon, M. 103022
Rechberger, K., Pack, S. VFT-characteristics of shielding cylinders in power transformers 112034
Recht, L. *see* Garcia Sanchez, F.J. 94885
Recio-Pelaez, J.-M. *see* Salazar-Palma, M. 93093
Reck, W. *see* Schellenberg, W. 101642
Reckel, W. *see* Falck, E. 63518
Reckenfelderbaumer, R. *see* Eversheim, P.D. 120080
Recker, M., Bauer, F. Development of power station technology–trends–potential 71025
Reckleben, C. *see* Stoffel, A. 63346
Recksiedler, L.D. *see* Dhaliwal, N.S. 121102
Reckwerdt, P. *see* McNutt, T.R. 80443
Reckwerdt, P. *see* McNutt, T.R. 110897
Recly, A. *see* Buret, H. 73776
Record, P. *see* Taktak, A. 101379
Rector, D.E. *see* Guel, G.R. 89438
Rector, M. *see* Estrera, J.P. 74080
Rector, M.K. *see* Sinor, T.W. 74079
Redaelli, G.L. *see* Botti, O. 91696
Redaelli, M. *see* Acciarri, M. 120165
Redaelli, M. *see* Baschirotto, A. 95215
Redarce, T. *see* Lucas, Y. 77215
Redding, D. *see* Milman, M. 77343
Redding, D.C. *see* Boden, A.F. 98027
Reddy, A., Ahamed, S.V. A parallel architecture for FIR filter design 93595
Reddy, B. *see* Naraghi-Pour, M. 67519
Reddy, B.S., Chatterji, B.N. An FFT-based technique for translation, rotation, and scale-invariant image registration 87209
Reddy, B.S. *see* Parikh, J.K. 112621
Reddy, B.Sudhakara *see* Sudhakara Reddy, B.
Reddy, C.J., Deshpande, M.D., Cockrell, C.R., Beck, F.B. Radiation characteristics of cavity backed aperture antennas in finite ground plane using the hybrid FEM/MoM technique and geometrical theory of diffraction 108057
Reddy, C.J., Deshpande, M.D., Fralick, D.T., Cockrell, C.R., Beck, F.B. Calculation of radiation characteristics of cavity-backed aperture antennas using a combined finite element method, method of moments, and geometrical theory of diffraction technique 117028
Reddy, C.J. *see* Deshpande, M.D. 116857
Reddy, C.P. *see* Kwon, Y.D. 115172
Reddy, C.T. *see* Smith, B.A. 102172
Reddy, C.V., Fung, S., Beling, C.D., Brauer, G. Current transport at low temperature in Al/6H-SiC Schottky barriers 105479
Reddy, E.A. *see* Macpherson, D.E. 93062
Reddy, E.A. *see* Macpherson, D.E. 113760
Reddy, E.Amarnath *see* Amarnath Reddy, E.
Reddy, H., Seshadri, V., Kothari, D.P. Effect of draft tube size on the performance of a cross-flow turbine 71168
Reddy, J.N. *see* Robbins, D.H., Jr. 82781
Reddy, K.Harinath *see* Harinath Reddy, K.
Reddy, K.K. *see* Reddy, S.N. 119303
Reddy, K.R. *see* Rambabu, U. 75711
Reddy, K.Rajamohan *see* Rajamohan Reddy, K.
Reddy, K.T.Ramakrishna *see* Ramakrishna Reddy, K.T.
Reddy, K.V., Duling, I.N., III, Dennis, M.L., Carruthers, T.F. A practical, 17.5 GHz, actively mode-locked polarization-maintaining Er/Yb co-doped Panda fiber ring laser 65104
Reddy, K.V., Kumar, A.P. Drift velocity measurements in $CuInSe_2$ thin films 112412
Reddy, K.V. *see* Min Jiang 75855
Reddy, L.N. *see* Stok, L. 113637
Reddy, M. *see* Allen, S.T. 93762
Reddy, M.C. *see* Ravikumar, A.R. 112139
Reddy, M.R.S. *see* Srikanth, T. 70148
Reddy, M.Sesha *see* Sesha Reddy, M.
Reddy, N.C.E. *see* Reddy, S.N. 119303
Reddy, P.J. *see* Sesha Reddy, M. 94436
Reddy, R. *see* Heung-Yeung Shum 77328
Reddy, S., Cliff, R., Jefferson, D., Lane, C., Sung, C.K., Wang, B., Huang, J., Wanli Chang, Cope, T., McClintock, C., Leong, W., Ahanin, B., Turner, J. A high density embedded array programmable logic architecture 113855
Reddy, S.M., Pomeranz, I., Kajihara, S. On the effects of test compaction on defect coverage 106144
Reddy, S.M. *see* Becker, B. 73239
Reddy, S.M. *see* Pomeranz, I. 61758
Reddy, S.M. *see* Pomeranz, I. 73234
Reddy, S.M. *see* Pomeranz, I. 83067
Reddy, S.M. *see* Pomeranz, I. 93238
Reddy, S.M. *see* Pomeranz, I. 93303
Reddy, S.M. *see* Pomeranz, I. 93331
Reddy, S.M. *see* Sparmann, U. 61861
Reddy, S.N., Reddy, N.C.E., Reddy, K.K. Performance evaluation and error analysis of monopulse radar comparator 119303
Reddy, S.N. *see* Frankel, G.S. 60622
Reddy, S.P. *see* Harvey, J.E. 111408
Reddy, S.R., Chellamuthu, C. Analysis of a single phase integral pulse modulated quasi-resonant inverter 112137
Reddy, V. *see* Ngoh, L.H. 118569
Reddy, V.K. *see* McPherson, J.W. 63446
Reddy, V.U. *see* Gracias, S. 66203
Reddy, V.U. *see* Mathew, G. 117312
Reddys, S.M. *see* Dasgupta, S. 66375
Redecker, M., Bassler, H. Optical detection of charge carriers in organic light-emitting diodes 85299
Reden, K.F.Von *see* Von Reden, K.F.
Rederlechner, B. *see* Keller, J. 73042
Redfern, M. *see* Feng Pan 86656
Redfern, M.A., Hewings, D.B., Hunn, D. An enhanced stator winding protection for small and medium sized generation based on the fast Walsh-Hadamard functions 111877
Redfern, M.A. *see* Checksfield, M.J. 91476
Redfern, M.A. *see* Dickson, R.S. 102068
Redfern, M.A. *see* McGuinness, D.P. 102067
Redfern, M.A. *see* Usta, O. 121230
Redfern, R., Kundel, H.L., Polansky, M., Langlotz, C., Lanken, P.N., Brikman, I., Horii, S., Bozzo, M., Feingold, E., Nodine, C.F. An image workstation in a medical intensive care unit changes viewing patterns and timing of image based clinical actions in routine portable chest radiographs 110723
Redfern, R. *see* Horii, S. 111010
Redfern, R. *see* Kundel, H.L. 111008
Redfern, R.M. *see* Read, P.D. 79526
Redfern, R.R. *see* Langlotz, C.P. 111011
Redfield, D., Bube, R.H. Carrier-induced mechanism for defect formation in hydrogenated amorphous silicon 114840
Redfield, D.E. *see* Dempsey, G.L. 73612
Redheendran, B. *see* McCaslin, S. 93405
Redin, S.I. *see* Brown, D.H. 110569
Redinbo, G.R. *see* Akella, V. 97441
Redinbo, G.R. *see* Liangkung Lin 83233
Redinbo, R. Real number convolutional code correction and reliability calculations in fault-tolerant systems 66334
Redjdal, M., Humphrey, F.B. Simulation of three-dimensional nonperiodic structures of π-vertical Bloch line and 2π-vertical Bloch line in magnetic garnet 84799
Red'ko, N.A. *see* Kosarev, V.V. 105210
Redkorechev, V.I. *see* Ganeev, R.A. 76120
Redl, R. Power electronics and electromagnetic compatibility 113723
Redl, R. A new soft-switching DC/DC converter and its application in an off-line power supply with integral high-quality rectification 121601
Redl, R., Erisman, B.P. Low-cost power-factor correction/line-harmonics reduction with current-clamped boost converter 91615
Redl, R., Kislovski, A.S., Erisman, B.P. Input-current-clamping: an inexpensive novel control technique to achieve compliance with harmonic regulations 71416
Redlich, A.N. *see* Atick, J.J. 98311
Redlich, J.-P., Balfanz, D. Requirements for personalized user environments in telecommunications 118858
Redlich, S. *see* Kremer, R. 83454
Redlich, S. *see* Kremer, R. 83482
Redling, J., Akay, M. Evaluation of the tracking potential of a noninvasive estimator of cardiac output 90282
Redling, J.D., Akay, M. A noninvasive estimator of cardiac output using spectral analysis and optimization techniques 110648
Redlinger, G. *see* Mours, B. 100821
Redlinger, G. *see* Mours, B. 120196
Redman, W. *see* Paul, D.K. 88393
Redman-White, W. *see* Bracey, M. 73481
Redman-White, W. *see* Hughes, J.B. 73543
Redman-White, W. *see* Tenbroek, B.M. 74483
Redman-White, W. *see* Tenbroek, B.M. 83543
Redmer, R. *see* Reigrotzki, M. 114604
Redmill, D.W., Bull, D.R., Martin, R.R. Genetic algorithms for fast search in fractal image coding 86547
Redmill, D.W. *see* Bull, D.R. 108643
Redmill, D.W. *see* Sriranganathan, S. 86205
Redmon, J.R. *see* Steciuk, P.B. 122096
Redmond, I. *see* Kajita, M. 88555
Redmond, S. *see* Anderson, S. 79531
Redmond, T. *see* Wong, K.H. 62516
Redmond, T.F. *see* Patel, R.S. 94137
Redon, M. *see* Ben Ayadi, Z. 95479
Redondo, N.J., Conejo, A., Arroyo, J.M. Unit commitment by interior point genetic algorithms 90968
Redortier, B. *see* Konik, H. 67344
Redpath, J., Brown, A., Woods, W.F. The commercialisation of Australian advanced infrared technology 69305
Redpath, T.W. *see* Dymond, R.C. 80251
Redshaw, M.C. *see* Kaspar, B.M. 70614
Redstall, R.M., Reid, J.R., Mardani, R., Mellis, J. OMNI–an object-based model of the access network infrastructure 67962
Redus, R., Squillante, M., Gordon, J.S., Bennett, P., Entine, G., Knoll, G., Wehe, D., Guru, S. An imaging nuclear survey system 90151
Redus, R., Squillante, M., Gordon, J.S., Bennett, P., Entine, G., Knoll, G., Wehe, D., Guru, S. An imaging nuclear survey system 101035
Redus, R.H. *see* Guru, S.V. 120181
Redwing, J.M., Loeber, D.A.S., Anderson, N.G., Tischler, M.A., Flynn, J.S. An optically pumped GaN-AlGaN vertical cavity surface emitting laser 85454
Redwing, J.M., Tischler, M.A., Flynn, J.S., Elhamri, S., Ahoujja, M., Newrock, R.S., Mitchel, W.C. Two-dimensional electron gas properties of AlGaN/GaN heterostructures grown on 6H-SiC and sapphire substrates 94475
Redys, D.Z. *see* Potter, W.D. 60876
Reeb, B., Wunderlich, H.-J. Deterministic pattern generation for weighted random pattern testing 73215
Reece, A.B.J. *see* Benhama, A. 65607
Reece, C., Benesch, J., Drury, M., Hovater, C., Mammosser, J., Powers, T., Preble, J. Performance experience with the CEBAF SRF cavities 100418
Reece, C.S., Hsin, W.-J., Medhi, D., Van de Liefvoort, A. Performance analysis of heterogeneous traffic on an integrated network link with finite waiting room and anticipated-release reservation policy 108826
Reece, K. *see* Huang, H. 119985
Reece, R. *see* Tian, S. 94694
Reece, R.K. *see* Ahrens, L.A. 79924
Reece, R.K. *see* Blaskiewicz, M. 79926
Reece, W.J. *see* Gertman, D.I. 71057
Reed, A.G. Accommodation of feeder-links of non-geostationary satellites for personal communications in frequency bands allocated to the fixed-satellite service 88796
Reed, B. *see* Smith, E.F., III 62411
Reed, C. *see* Card, J. 72318
Reed, C. *see* Giacalone, G. 73368
Reed, D. *see* Tuttle, G.T. 75262
Reed, D.A. *see* Lamm, S.E. 77965
Reed, D.M. *see* Huebner, W. 81821
Reed, F.E. *see* Kolbas, R.M. 85474
Reed, G.T. *see* Hadjiprocoplou, M. 110175
Reed, I.M. *see* Pulvirenti, P.P. 75074
Reed, I.S. *see* Jonqyin Sun 109427
Reed, J. *see* Jones, W. 101114
Reed, J. *see* Rong He 109562
Reed, J.H. *see* Cheng, F. 109541
Reed, J.H. *see* Dominique, F. 99088
Reed, J.H. *see* Majmundar, M.V. 116930

Reed, J.H. *see* Mangalvedhe, N.R. 119024
Reed, J.H. *see* Rong He 88353
Reed, J.H. *see* Welborn, M.L. 118888
Reed, J.M., Hutchinson, S. Image fusion and subpixel parameter estimation for automated optical inspection of electronic components 60692
Reed, J.R. Phase II solderability test methods: a NCMS surface finishes team report 94065
Reed, L. *see* Norem, J. 100593
Reed, M., Benson, T.M., Kendall, P.C., Sewell, P. Antireflection-coated angled facet design 107436
Reed, M. *see* Jeffery, P. 61996
Reed, M.A. *see* Deshpande, M.R. 63811
Reed, M.A. *see* Macks, L.D. 105356
Reed, M.D., Landry, C.E., Werther, K.C. The application of air and ground based laser mapping systems to transmission line corridor surveys 81065
Reed, M.K., Shepard, M.K.S. Tunable infrared generation using a femtosecond 250 kHz Ti:sapphire regenerative amplifier 96637
Reed, M.L. *see* Abe, T. 74927
Reed, M.L. *see* Abe, T. 74941
Reed, M.L. *see* Fedder, G.K. 74885
Reed, R. *see* Blouke, M.M. 100119
Reed, R.A. *see* McNulty, P.J. 104563
Reed, R.P. *see* Jayakumar, R. 106722
Reed, R.P. *see* Vieira, R.F. 106723
Reed, T.R. *see* Hussain, I. 87214
Reed, T.R. *see* Soohoo, A.E. 87215
Reed, W., Cohen, U., Hollars, D., Zubeck, R., Gooch, B., Loven, J., Judy, J.H. Keepered media/contact head performance or life beyond contact recording 115676
Reed, W.M., Jr. Making a "smarter" dryer system: an experience with "smart" valves and open systems 87777
Reede, M. Rules for an interactive road [Australia, broadband networks] 87630
Reeder, B.M., Gough, M.P. Application of artificial neural networks for spacecraft instrument data compression 120622
Reeder, P.L. *see* Bliss, M. 79995
Reeder, R.A. *see* Ionov, S.I. 75850
Reedy, H.E. *see* Ristau, D. 107433
Reedy, R.C., Jr. *see* Mahan, A.H. 112341
Reeh, B. *see* Lai, V.S. 67858
Reehal, H.S., Thwaites, M.J., Bruton, T.M. Thin film polycrystalline silicon solar cells prepared by plasma CVD 81894
Reehm, S.P. *see* Long, C. 98691
Reek, M. *see* Hartley, S. 103338
Reekie, H.M. *see* Mayes, D.J. 62124
Reekie, L. *see* Dong, L. 75441
Reekmans, R. *see* Driesen, J. 111524
Reemtsma, J.-H. *see* Kaiser, D. 78827
Rees, D., Hardek, T. A microwave system for gyrotron processing of materials 62585
Rees, D., Keffeler, D., Roybal, W., Tallerico, P.J. Characterization of a klystrode as a RF source for high-average-power accelerators 100473
Rees, D. *see* Bolme, G.O. 89706
Rees, D. *see* Evans, C. 66673
Rees, D. *see* Hardek, T.W. 100488
Rees, D. *see* Weiss, M. 108269
Rees, D.E., Tallerico, P.J., Lynch, M.T. The RF system for accelerator production of tritium 110524
Rees, G.J. The potential of strain: piezoelectric semiconductor devices 64077
Rees, G.J. *see* Peggs, D.W. 62971
Rees, G.J. *see* Plimmer, S.A. 63545
Rees, G.J. *see* Plimmer, S.A. 74689
Rees, P., Heffernan, J.F., Logue, F.P., Donegan, J.F., Jordan, C., Hegarty, J., Hiei, F., Ishibashi, A. Optical gain in ZnCdSe-ZnSe quantum well structures 96332
Rees, P. *see* Blood, P. 96351
Rees, P. *see* Donegan, J.F. 75956
Rees, P. *see* Egan, A. 65306
Rees, P. *see* Egan, A. 75979
Rees, P. *see* Summers, H.D. 107327
Rees, S.J. *see* Wahab, M.A. 83160
Rees, S.J. *see* Wahab, M.A. 87160
Reese, G.J. *see* Hoffmeister, J.W. 70021
Reesink, A.L., Durieux, M. The thermodynamics of the ^{4}He and ^{3}He vapour-pressure equations in the ITS-90 and the EPT-76 119937
Reesink, A.L. *see* White, D.R. 119664
Reeson, K.J. *see* Harry, M.A. 94686
Reeth, F.Van *see* Van Reeth, F.
Reetz, T. *see* Lohse, U. 91953
Reeu Changwoo *see* Changwoo Reeu
Reeve, A. Some like it hot [non contact temperature measurement] 100375
Reeve, P. *see* Smith, G.R. 120229
Reeve, P.A. Analytic feedback optimization for dipole fields 96993
Reeve, P.A. *see* Evans, D. 100281
Reeve, R. *see* Button, J. 99375
Reeves, C. *see* Canham, L.T. 94267
Reeves, C.M., Turcu, I.C.E., Gundlach, A.M., Stevenson, J.T.M., Prewett, P., Walton, A.J., Wilkinson, C.D.W. Application of optical, X-ray and e-beam lithography options to 0.18 micron silicon FET technology 63776
Reeves, M., Garner, C.P., Dent, J.C., Halliwell, N.A. Particle image velocimetry analysis of IC engine in-cylinder flows 89563
Reeves, P. Measurement principles and instrumentation practice are opposite sides of the same coin, both are indivisible for success 72109
Reeves, T. *see* Oliver, R. 112792
Refaeli, E. *see* Balberg, M. 116163
Refai, W. Multi-stage adaptive search vector quantization for image compression 117714
Reffay, M. *see* Nikolaidis, T. 115322
Refling, J.P. *see* Parkin, S.H. 120785
Refregier, P., Goudail, F., Gaidon, T. Optimal location of random targets in random background: random Markov fields modelization 86962
Refregier, P., Javidi, B. Optical image encryption using input plane and Fourier plane random encoding 77188
Refregier, P. *see* Goudail, F. 67067
Refregier, P. *see* Laude, V. 75577
Refregier, P. *see* Laude, V. 116177
Refregier, P. *see* Tonda, S.G. 117384
Refsum, A. *see* Ren Jian-Wen 101769
Refsum, A. *see* Zhou Qing-Jie 91474
Regan, M.W., Gruendl, R.A. A method for minimizing background offset errors when creating mosaics 77090
Regan, P.H. *see* Catford, W.N. 69884
Regar, O.P. *see* Gangotri, K.M. 91747
Regazzoni, C.S., Tesei, A. Distributed data fusion for real-time crowding estimation 117676
Regazzoni, C.S. *see* Murino, V. 98054
Regazzoni, C.S. *see* Murino, V. 108644
Regazzoni, C.S. *see* Tacconi, G. 108271
Regazzoni, C.S. *see* Tesei, A. 66639
Regazzoni, C.S. *see* Tesei, A. 117495
Rege, K.M., Nanda, S. Irreducible FER for convolutional codes with random bit puncturing: application to CDMA forward channel 117177
Rege, K.M., Nanda, S., Weaver, C.F., Peng, W.-C. Analysis of fade margins for soft and hard handoffs 88375
Rege, K.M., Sengupta, B. Queue-length distribution for the discriminatory processor-sharing queue 113084
Rege, K.M. *see* Nanda, S. 88152
Regev, H. *see* Legg, P.J. 119183
Reggiani, L., Varani, L., Gonzalez, T., Pardo, D., Kuhn, T. Analytical and numerical modelling of current fluctuations in semiconductor ballistic transport 62880
Reggiani, L. *see* Golinelli, P. 94288
Reggiani, L. *see* Gruzhinskis, V. 63552
Reggiani, L. *see* Starikov, E. 74338
Reggiani, L. *see* Tadyszak, P. 105110
Reggiani, L. *see* Varani, L. 114606
Reggiannini, R. A lower performance bound for phase estimation over slowly-fading Ricean channels 87268
Reggiannini, R. *see* D'Andrea, A.N. 78348
Reggiannini, R. *see* Giannetti, F. 88072
Reggiannini, R. *see* Giannetti, F. 88135
Reggiannini, R. *see* Guidi, R. 97062
Regidor, J.C., Guzman, V.M., Gimenez de Guzman, M.I. DISCO II: an improved computer aided design program for energy recovering snubbers in inverter applications 93133
Regidor, J.C. *see* Stefanelli, M.C. 101397
Regidor, J.C. *see* Urbano, L. 98336
Reginato, L., Peters, C., Vanecek, D., Yu, S., Deadrick, F. Engineering conceptual design of the relativistic klystron two-beam accelerator based power source for 1 TeV Next Linear Collider 83758
Reginato, L. *see* Abraham, W. 89701
Reginato, L. *see* Benjegerdes, R. 89806
Reginato, L. *see* Houck, T. 110481
Reginato, L. *see* Tauschwitz, A. 96956
Reginato, L. *see* Westenskow, G. 83757
Reginato, L. *see* Yu, S. 89736
Reginatto, M., Shebell, P., Miller, K.M. An application of the maximum entropy method for assessments of residual radioactivity at contaminated sites 101575
Regini, A. *see* Liberali, V. 64815
Reginski, K. *see* Figielski, T. 115148
Reginski, K. *see* Muszalski, J. 92770
Regis, D., Eric, G., Michel, M. A 1 kwatt C band solid power amplifier 114271
Regis, J. *see* Mangin, J.-F. 110757
Register, R.A. *see* Mansky, P. 63487
Regitz, J. Evaluation of mill drive options 71954
Regli, P. *see* Westermann, M. 63529
Regnard, J.R. *see* Revenant-Brizard, C. 83811
Regnier, C., Tristant, P., Desmaison, J. Remote microwave plasma-enhanced chemical vapour deposition of insulating coatings (SiO$_2$) on metallic substrates: film properties 61339
Regnier, H.K. Time division multiplexing (TDM) in optical fibre transmission of digital signals 78950
Regnier, L. *see* Danos, V. 103572
Regnier, P. *see* Kircher, F. 95567
Rego, A.C.B., Coral, C., Carvalho, W., Jr., Caumo, J.R., Biazotto, A., Jr., De Faria, I.F., Jr. Laser diode module for multi gigabit/sec lightwave transmission 99540
Rego, C.A., Tsang, R.S., May, P.W., Ashfold, M.N.R., Rosser, K.N. Gas-chase composition measurements during chlorine assisted chemical vapor deposition of diamond: a molecular beam mass spectrometric study 61403
Rego, C.A. *see* May, P.W. 72926
Rego, C.A. *see* Tsang, R.S. 72927
Regolini, J.L., Margail, J., Bodnar, S., Maury, D., Morin, C. Selective epitaxial Si based layers and TiSi$_2$ deposition by integrated chemical vapor deposition 104029
Regolini, J.L. *see* Boucaud, P. 94442
Regolini, J.L. *see* Mamor, M. 115137
Regreny, A. *see* Morris, D. 62909
Regreny, P. *see* Souliere, V. 105143
Regtien, P.P.L. Non-vision image sensing 100101
Regtien, P.P.L. *see* Damean, N. 110420
Regtien, P.P.L. *see* Setiadi, D. 89065
Regula, M., Ballif, C., Moser, J.H., Levy, F. Structural, chemical, and electrical characterisation of reactively sputtered WS$_x$ thin films 113430
Regula, M., Pedersen, O., Konegen, R.R. Total dose characterization of the PACE 1750A microprocessor chipset 61926
Regulla, D. *see* Burkhardt, W. 110976
Regulla, D. *see* Fill, U. 120563
Regulla, D. *see* Sprunck, M. 120567
Reh, K.R. *see* Chau, S.N. 80566
Rehak, A., Chadran, A. CATV-telephony convergence in Asia 87627
Rehak, M. *see* Greene, A. 90033
Rehak, M. *see* Wanderer, P. 89783
Rehak, P., Gatti, E. Semiconductor detectors in nuclear and particle physics 110570
Rehak, P. *see* Castoldi, A. 100874
Rehak, P. *see* Castoldi, A. 110559
Rehak, P. *see* Faschingbauer, U. 110557
Rehak, P. *see* Fazzi, A. 110614
Rehak, P. *see* Holl, P. 110558
Rehak, P. *see* Steinhaeuser, P. 69834
Rehana, H.M.S. *see* Sengupta, A. 110778
Rehbehn, D. Videoconferencing using VSAT 87884
Rehder, R.H., Draper, R.E., Moore, B.J. How good is your motor insulation systems 102614
Rehling, M. *see* Andersen, C. 80280
Rehm, K.E. *see* Jacobsen, E.R. 69762
Rehm, W. *see* Spalthoff, U. 96071
Rehman, M., Ahmed, W., Ajmal, T. A fibre optic tiltmeter [for volcano monitoring] 111173
Rehman, S.-U., Taylor, D.G. Piecewise modeling and optimal commutation of switched reluctance motors 71275
Rehman, S.-U., Taylor, D.G. Issues in position estimation of SR motors 121446
Rehme, R. *see* Nyilas, A. 103426
Rehn, H., Kowarschik, R. Transverse optical structures in a ring resonator with intensity-phase coupling 115994
Rehn, L.E. *see* Turkot, B.A. 114882
Reibaldi, V. *see* Zerrouk, B. 98515
Reibman, A.R. *see* Aravind, R. 117583
Reibman, A.R. *see* Chandra, K. 118617
Reich, D.H. *see* Jiang, J.S. 115913
Reich, H. *see* Steck, M. 79832
Reich, H. *see* Steck, M. 120074
Reich, H. *see* Winkler, T. 79836
Reich, N. *see* Mentel, J. 107101
Reich, N. *see* Schulze, J. 107110
Reich, R. *see* Beyer, A. 71702
Reich, S. Symplectic integration of constrained Hamiltonian systems by composition methods 61031
Reich, S., Godin, T. A miniature pressure cell for a SQUID magnetometer 88974
Reich, S. *see* Censor, Y. 92535
Reich, T. *see* Hansen, J.S. 78096
Reich, W. Multi-feed systems for the Effelsberg 100-m telescope 68801
Reichardt, J., Wandinger, U., Serwazi, M., Weitkamp, C. Combined Raman lidar for aerosol, ozone, and moisture measurements 80658
Reiche, M. *see* Gosele, U.M. 84051
Reiche, M. *see* Martini, T. 63197
Reiche, M. *see* Petzold, M. 63205
Reiche, M. *see* Steinkirchner, J. 63370
Reiche, M. *see* Tong, Q.-Y. 114851
Reichel, F., Gussek, P., Breitfelder, S. Design and application of liquid crystal spatial light modulators for optical signal processing systems 95851
Reichel, F. *see* Hawlitschek, N. 117818
Reichel, H. *see* Batz, O. 111175
Reichel, H. *see* Zaviska, O. 121267
Reichel, J. *see* Salomon, C. 89521
Reichel, L. *see* Baglama, J. 103748
Reichel, L. *see* Calvetti, D. 60987
Reichel, L. *see* Calvetti, D. 72603
Reichel, P., Stenzel, J., Zimmer, K. Online application of a rule-based expert system to a switchyard control centre 101884
Reichelt, D., Scherer, R., Braunlich, R., Aschwanden, Th. Magnetic field reduction measures for transmission lines considering power flow conditions 121193
Reichelt, G.E., Ehrich, M., Kampfert, M., Naujokat, D. Investigations on the optimal footprint pattern of a particular SM component 94079
Reichelt, K. *see* Hinrichsen, V. 91223
Reichelt, M.W. *see* Lumsdaine, A. 74666
Reichelt, T. *see* Assmann, W. 103035
Reichenbach, S.E. *see* Kess, B.L. 70438
Reichenbach, S.E. *see* Kess, B.L. 120701
Reichenbacher, S. *see* Sartorius, B. 68502
Reichert, E. *see* Drescher, P. 105007
Reichert, E. *see* Hartmann, P. 120119

Reichert, G., Ouisse, T. Relationship between empirical and theoretical mobility models in silicon inversion layers 105949
Reichert, G., Ouisse, T., Pelloie, J.L., Cristoloveanu, S. Mobility modeling of SOI MOSFETs in the high temperature range 95008
Reichert, J. *see* Plaschke, M. 110267
Reichert, K., Pasquarella, G. High speed electric machines, status, trends and problems 91784
Reichert, W., Lossy, R., Gonzalez Sirgo, J.M., Obermeier, E., Stoemenos, J. β-SiC deposited on SIMOX substrates: characterization of the SiC/SOI system at elevated temperatures 105216
Reichert, W. *see* Lossy, R. 105593
Reichertz, L. *see* Brundermann, E. 75934
Reicherz, G. *see* Dutz, H. 120108
Reichl, H. *see* Aschenbrenner, R. 82264
Reichl, H. *see* Aschenbrenner, R. 94119
Reichl, H. *see* Ehrmann, O. 94146
Reichl, H. *see* Metzger, D. 114330
Reichl, W. TMN: At bag's end? 108973
Reichling, M. *see* Voigt, P. 106111
Reichmanis, E. *see* Wallow, T.I. 105788
Reichmann, K. *see* Macher, A. 104893
Reichmann, K.C., Darcie, T.E., Bideep, G.E. Broadcast digital video as a low-cost overlay to baseband digital-switched services on a PON 78791
Reichmann, K.C. *see* Iannone, P.P. 78938
Reichmann, K.C. *see* Iannone, P.P. 88654
Reichmann, K.C. *see* Iannone, P.P. 109663
Reichwaldt, H.W. CTI is more than just a call centre 77902
Reichwaldt, H.W. Measurements on narrowband WDM systems 119574
Reid, A. *see* Markandey, V. 87188
Reid, C.M. *see* Glass, H.D. 100644
Reid, D.T. *see* McGowan, C. 65508
Reid, I., Zisserman, A. Goal-directed video metrology 67318
Reid, I.D. Projective calibration of a laser-stripe range finder 109811
Reid, I.D., Murray, D.W. Active tracking of foveated feature clusters using affine structure 67201
Reid, J., Miller, H. A 200 kW power amplifier and solid state driver for the Fermilab Main Injector 102827
Reid, J.F. *see* Young-Chang Chang 108702
Reid, J.M. *see* Abeyratne, U.R. 101190
Reid, J.M. *see* Molthen, R.C. 120399
Reid, J.R. *see* Bright, V.M. 106250
Reid, J.R. *see* Redstall, R.M. 67962
Reid, K. *see* El-Sharkawy, M. 94043
Reid, K.G. *see* Maiti, B. 63175
Reid, M.A. Impedance measurements on Ni/MH cells as functions of cycle life and DOD 71660
Reid, R.J. *see* Herbert, J.D. 100410
Reid, S.J. Modelling of channelled winds 102590
Reid, W.E. Power quality issues–standards and guidelines 70818
Reidell, P. *see* Bunker, E. 98811
Reider, G.A. *see* Hofer, M. 65102
Reidl, M.J. Diamond-turned diffractive optical elements for the infrared. Suggestion for specification standardization and manufacturing remarks 65551
Reidsema, C. *see* Braeckelmann, G. 84217
Reier, F. *see* Albrecht, P. 75501
Reier, F.-W. *see* Hoffman, D. 88558
Reier, F.W., Bornholdt, C., Hoffmann, D., Kappe, F., Morl, L. Influence of MOVPE growth conditions and substrate parameters on the structural quality of multi-period InGaAsP/InP MQW structures 103843
Reif, J.H. *see* Shenfeng Chen 86229
Reif, R. *see* Noguchi, T. 105954
Reiff, T. Transportable VHF repeater serves Antarctic communications 78373
Reigber, T. *see* Diehl, N. 98778
Reigrotzki, M., Redmer, R., Insook Lee, Pennathur, S.S., Dur, M., Wager, J.F., Goodnick, S.M., Vogl, P., Eckstein, H., Schattke, W. Impact ionization rate and high-field transport in ZnS with nonlocal band structure 114604
Reihani, K. *see* Fan, Y. 117359
Reijnierse, J.H. *see* Potters, J.A.M. 113094
Reijns, G.L. *see* Wisse, D.M. 67751
Reiland, G. *see* Radford, S.J.E. 99709
Reiley, D.J., Sasian, J.M., Beckman, M.L. Optomechanical design of a robust free-space optical switching system 88056
Reiley, D.J. *see* Lentine, A.L. 99018
Reilly, B. Composing with images: a study of high school video producers 119477
Reilly, D. *see* Brown, G.J. 101615
Reilly, J. *see* Padamsee, H. 100471
Reilly, J. *see* Pisharody, M. 100658
Reilly, J.J. *see* Adzic, G.D. 71642
Reilly, J.J. *see* Kumar, M.P.S. 71651
Reilly, J.J. *see* Mukerjee, S. 71643
Reilly, J.P. *see* Johnson, R.O. 107459
Reilly, J.P. *see* Phipps, C.R. 80679
Reilly, M. *see* Meyer, C. 119935
Reilly, R. *see* Dinkel, J. 89743
Reilly, R. *see* Hanna, B. 100714
Reiman, E.M. *see* Chen, K. 101182
Reiman, L., Norros, L. Organizational assessment of a maintenance department at a nuclear power plant 81212
Reiman, L. *see* Holmberg, J. 71053
Reimann, D.A., Chaudhary, V., Flynn, M.J., Sethi, I.K. Parallel implementation of cone beam tomography 101345
Reimann, K., Ruffler, D. Radio on demand 79123
Reimann, T., Krummenacher, F., Declercq, M.J. An 8-b, 40 msamples/s switched-current-mode track-and-hold circuit on a BiCMOS sea-of-gates array 62049
Reimann, T., Krummer, R., Petzoldt, J. Comparison of 1200 V/50 A state-of-the-art half-bridge IGBT-modules and MCT 115186
Reimbold, G. Effects of plasma induced charges on thin oxide of CMOS technologies 106198
Reimbold, G. *see* Braud, F. 114986
Reimbold, G. *see* Deleonibus, S. 63292
Reimbold, G. *see* Guegan, G. 63698
Reimbold, G. *see* Guichard, E. 115178
Reime, B. *see* Dix, W.R. 70096
Reimer, D. *see* Lewalter, A. 106699
Reimer, P. *see* Ban, J. 69810
Reimers, J.N. *see* Gao, Y. 112201
Reimers, U. Digital television: a development report 68835
Reimers, U. DVB-T: the COFDM-based system for terrestrial television 119356
Reimold, C. Four strategies for communicating with difficult people 112784
Reimold, P. Becoming more assertive in your communications 112819
Rein, H.-M. Very-high-speed Si and SiGe bipolar ICs 84564
Rein, H.-M., Moller, M. Design considerations for very-high-speed Si-bipolar IC's operating up to 50 Gb/s 95174
Rein, H.-M. *see* Felder, A. 68479
Rein, H.-M. *see* Felder, A. 99526
Rein, H.-M. *see* Gottwald, E. 119203
Rein, H.-M. *see* Pfost, M. 63908
Rein, H.-M. *see* Pfost, M. 115321
Reinacher, N.M., Brandt, M.S., Stutzmann, M. Electrically detected magnetic resonance investigations of gallium phosphide green light-emitting diodes 116260
Reinartz, P. *see* Thierschmann, M. 101496
Reinartz, R. *see* Brauksiepe, S. 100815
Reinartz, R. *see* Lauter, J. 80070
Reinartz, R. *see* Lauter, J. 101031
Reinartz, R. *see* Weber, S. 101109
Reindl, L. *see* Pohl, A. 110041
Reindl, L. *see* Pohl, A. 110046
Reindl, L. *see* Schrom, G. 108260
Reindl, L. *see* Schrom, G. 108389
Reindl, L. *see* Weigel, R. 109397
Reindl, T., Kruehler, W., Pauli, M., Mueller, J. Electrical and structural properties of the Si/C interface in poly-Si thin films on graphite substrates 94597
Reindl, T. *see* Pauli, M. 92776
Reinecke, T.L. *see* Bayer, M. 62871
Reinecke, T.L. *see* Knipp, P.A. 62874
Reinecke, T.L. *see* Knipp, P.A. 62997
Reinecke, T.L. *see* Steffen, R. 94547
Reineix, A. *see* Breuil, N. 75693
Reineix, A. *see* Eclercy, D. 76637
Reineke, R. The management of telecommunication networks 67669
Reiner, B. *see* Pomerantz, S.M. 111020
Reiner, B. *see* Siegel, E.L. 111015
Reiner, G., Zeeb, E., Ebeling, K.J. High performance top surface-emitting vertical-cavity laser diodes 85493
Reiner, G. *see* Fiedler, U. 65302
Reiner, G. *see* Fiedler, U. 65324
Reiner, G. *see* Grabherr, M. 107247
Reiner, G. *see* Schmid, W. 107309
Reiner, G. *see* Weigl, B. 85523
Reiner, G. *see* Weigl, B. 107285
Reiner, G. *see* Weigl, B. 107301
Reiner, J. *see* Strachan, W.J. 82688
Reiner, P. *see* Wu, C.S. 100026
Reineri, M.T. *see* Favella, L. 98350
Reiners, W.A. *see* Oleson, K.W. 120664
Reinert, G. *see* Arratia, R. 98250
Reinertsen, T., Flatabo, N., Saeterdal, A., Filtvedt, J., Rian, K. Integrated Control Centre: integration of hydro planning software and SCADA systems 102512
Reinertsen, T. *see* Nyland, S. 101856
Reingold, N. *see* Lund, C. 109305
Reinhall, P.G. *see* Wang, W.-C. 79463
Reinhand, N.O. *see* Korzinin, Yu.L. 96821
Reinhard, K.E. *see* Litynski, D.M. 72132
Reinhardt, F., Dwir, B., Kapon, E. Oxidation of GaAs/AlGaAs heterostructures studied by atomic force microscopy in air 74576
Reinhardt, F. *see* Dwir, B. 74449
Reinhardt, F.W. *see* Guidotti, R.A. 112225
Reinhardt, J. *see* Picard, A. 112910
Reinhardt, J.M., Higgins, W.E. Comparison between the morphological skeleton and morphological shape decomposition 117560
Reinhardt, K., Busch, E., Kelso, S. Analysis of silicon damage and surface contamination caused by oxide etching 63353
Reinhardt, K. *see* Liu, S. 105474
Reinhardt, K.A., Kelso, S.M. The use of beam profile reflectometry to determine depth of silicon etch damage and contamination 84114
Reinhardt, M., Hess, J., Lindner, J. Combined decision feedback equalization and TCM-decoding for multiple input/multiple output channels with applications in CDMA systems 87369
Reinhart, F.-K. *see* Bonard, J.-M. 74393
Reinhart, F.K. *see* Cingolani, R. 63031
Reinhart, F.K. *see* Cingolani, R. 94505
Reinhart, F.K. *see* Haacke, S. 62989
Reinhart, F.K. *see* Kiener, C. 62980
Reinhart, F.K. *see* Nguyen Hong Ky 62891
Reinhart, F.K. *see* Rinaldi, R. 62941
Reinhart, F.K. *see* Tschirner, B.M. 62945
Reinhart, P. *see* Weber, S. 101109
Reinhart, W.F., Gomer, F.E., Lloyd, C.J.C. Luminance modulation and adaptation effects on the daylight visibility of HUD raster images 90711
Reinheimer, A.L. *see* Williams, G.M., Jr. 79525
Reinhold, O. *see* Unewisse, M.H. 69149
Reinhold, O. *see* Unewisse, M.H. 79430
Reinicke, R. *see* Giglmayr, J. 118004
Reininger, D. *see* Ott, M. 78176
Reininger, D.J., Dipankar Raychaudhuri, Hui, J.Y. Bandwidth renegotiation for VBR video over ATM networks 98367
Reininghaus, U. *see* Fink, H. 71584
Reinisch, B.W. *see* Galkin, I.A. 120760
Reinisch, R., Blau, G., Vitrant, G., Primeau, N., Baltog, I. Electromagnetic resonances and phase matching in guided-wave nonlinear optics 116068
Reinisch, R. *see* Popov, E. 107544
Reinisch, R. *see* Shabat, M.M. 76174
Reinisch, R. *see* Vitrant, G. 85058
Reinke, D. *see* Azimi-Sadjadi, M.R. 120786
Reinmuth, K., Rossle, C. HITFETs with current sensing: low-side switches unlimited 104304
Reinsch, B. *see* Saje, B. 106630
Reinshagen, S. *see* Ban, J. 69810
Reinstein, L.E. *see* Jia-Zhu Wang 80451
Reintjes, J. *see* Bashkansky, M. 82802
Reintjes, J. *see* Battle, P.R. 72982
Reintjes, J.F. *see* Gilbreath, G.C. 77384
Reis, F.A.G.S., Castro, R.M.G., Estanqueiro, A.I.L., Ferreira de Jesus, J.M. Including a with energy conversion system model in electromagnetic transients program 111858
Reis, H.L.M.Dos *see* Dos Reis, H.L.M.
Reis, L.B.dos *see* dos Reis, L.B.
Reis, M.A. *see* Alves, L.C. 101029
Reis, R.A.daL. *see* Guntzel, J.L. 93016
Reis, R.A.daL. *see* Johann, M.deO. 93245
Reis Filho, C.A.dos *see* dos Reis Filho, C.A.
Reiselhuber, K. *see* Breiter, M.W. 112321
Reiser, B., Flehinger, B.J., Conn, A.R. Estimating component-defect probability from masked system success/failure data 82334
Reiser, M., Schmidt, G., Wangler, T. Relativistic beam relationships 69648
Reiser, M. *see* Allen, C.K. 89952
Reiser, M. *see* Allen, C.K. 120024
Reiser, M. *see* Brown, N. 89734
Reiser, M. *see* Calame, J.P. 100480
Reiser, M. *see* Castle, M. 62604
Reiser, M. *see* Cheng, J. 114518
Reiser, M. *see* Eckstein, F. 120340
Reiser, M. *see* Gauger, J. 120284
Reiser, M. *see* Godlove, T.F. 89914
Reiser, M. *see* Granatstein, V.L. 100479
Reiser, M. *see* Lawson, W. 100481
Reiser, M. *see* Suk, H. 89849
Reiser, M. *see* Wang, J.G. 89737
Reisfeld, D. Constrained phase congruency: simultaneous detection of interest points and of their scales 86430
Reisfeld, D. The constrained phase congruency feature detector: simultaneous localization, classification and scale determination 117735
Reising, J.D. *see* Martin, E.L. 90680
Reising, S.C. *see* Inan, U.S. 85861
Reisinger, H. *see* Lehmann, V. 93957
Reisinger, H. *see* Lehmann, V. 93966
Reisinger, H. *see* Preis, K. 65691
Reisinger, T., Lankes, S., Kastner, M.J., Rosenauer, A., Franzen, F., Meier, M., Gebhardt, W. Growth, structural and optical characterization of MBE ZnCdSe/ZnSe quantum wells 72774
Reisinger, T. *see* Rosenauer, A. 61194
Reisloehner, U., Achtziger, N., Rueb, M., Witthuhn, W. Complex formation at indium donors in p-CdTe 74225
Reisman, A. *see* Kim, H.S. 63719
Reisner, G.M. *see* Fisher, B. 95440
Reisner, H.E. *see* Doerfler, P.K. 101783
Reiss, J.H., King, R.R., Mitchell, K.W. Characterization of diffusion length degradation in Czochralski silicon solar cells 81869
Reiss, S., Heinig, K.H. Self-structuring of buried SiO_2 precipitate layers during IBS: a computer simulation 94703
Reisse, G., Weissmantel, S., Keiper, B., Steiger, B., Broulik, U. Absorption and laser damage threshold studies of ion assisted pulsed laser deposited oxide films 107461
Reissel, M. *see* Quell, P. 116826
Reistad, D. *see* Calen, H. 120194
Reistad, D. *see* Ringbom, A. 69874
Reistad, D. *see* Ringbom, A. 80134
Reiswig, R.D. *see* Kelly, A.M. 92948
Reita, C. *see* Colalongo, L. 84406
Reita, C. *see* Corradetti, A. 84423
Reita, C. *see* Fortunate, G. 63678

Reitan, J.B., Tynes, T., Kvamshagen, K.A., Vistnes, A.I. High-voltage overhead power lines in epidemiology: patterns of time variations in current load and magnetic fields 90623
Reitano, R., Baeri, P., Marino, N. Excimer laser induced thermal evaporation and ablation of silicon carbide 94785
Reitboeck, H.J. *see* Stoecker, M. 77252
Reite, M. *see* Lebet, J.P. 70212
Reite, M. *see* Teale, P. 101299
Reitenspiess, M. *see* Steffen, B. 78147
Reitenspiess, M. *see* Steffen, B. 98607
Reiter, F. *see* Dawson, M. 120259
Reiter, H. *see* Zhou, J. 72992
Reiter, J.M., Arndt, F. Hybrid boundary contour mode-matching analysis of arbitrarily shaped waveguide structures with symmetry of revolution 108002
Reiter, M. *see* Coppersmith, D. 76816
Reiter, M. *see* Malki, D. 86097
Reiter, M.K., Franklin, M.K., Lacy, J.B., Wright, R.N. The Ω key management service 76741
Reiter, M.K. *see* Franklin, M.K. 66536
Reith, L.A. *see* Berchtold, K.A. 75510
Reith, L.A. *see* Poudyal, V. 89527
Reithmaier, J.P. *see* Eisert, D. 75948
Reithmaier, J.P. *see* Orth, A. 107260
Reithmaier, J.P. *see* Orth, A. 107325
Reitich, F. *see* Bruno, O.P. 97061
Reitmeier, G.A. Multimedia capabilities of the Grand Alliance HDTV System 68876
Reitsamer, E. *see* Banyai, L. 76267
Reitsma, E. *see* Engstrom, K. 87892
Reittinger, A. *see* Stimmer, J. 75743
Reitze, D.H. *see* Efimov, A. 107441
Reizer, M.Yu. *see* Sergeev, A.V. 64535
Rej, D.J. *see* Davis, H.A. 119971
Rek, Z.U. *see* Neumann, H.B. 69903
Rek, Z.U. *see* Stock, S.R. 69908
Rekab, K. *see* Sanders, T.J. 84569
Rekanos, I.T., Tsiboukis, T.D. Electromagnetic field inversion using the Quickprop method 96896
Reklaitis, A. Vertical transport of hot carriers in multibarrier heterostructure diode 63579
Reklaitis, A. Hot carrier transport in multibarrier heterostructure diode 94895
Reklaitis, A. Monte Carlo study of current switching in a multibarrier heterostructure diode 115149
Rekleitis, I.M. *see* Dudek, G. 79713
Rekonen, H., Perttula, A., Tervonen, A., Barnwell, P., Shorthouse, G. Design and characterization of RF-circuits in multilayer MCM substrates 114254
Rekonen, H. *see* Eratuuli, P. 108054
Rekstad, J. *see* Guttormsen, M. 90249
Rekuts, P. *see* Carey, J. 81290
Rekveldt, M.T. *see* Ball, A.R. 106573
Rekveldt, M.T. *see* Kraan, W.H. 106523
Rekveldt, M.T. *see* Por, P.T. 106487
Rekveldt, M.T. *see* Por, P.T. 106544
Rekveldt, M.T. *see* Por, P.T. 106561
Rekveldt, M.T. *see* van der Graaf, A. 95368
Rekveldt, M.T. *see* van der Graaf, A. 106543
Relatores, R. *see* Panaretos, S. 97365
Reljin, B., Kostic, P. Solving some optimization problems using cellular neural networks 103672
Reljin, B.D. *see* Tosic, D.V. 73589
Reljin, B.D. *see* Tosic, D.V. 93059
Rella, R., Siciliano, P., Tepore, A. Deep levels in doped indium selenide single crystals 62790
Rella, R. *see* Di Giulio, M. 61430
Rella, R. *see* Di Giulio, M. 100164
Rellick, J.R. *see* Home, G.S. 83641
Relyea, D.R. *see* Michael, D.G. 69785
Rem, J.B., Holleman, J., Verweij, J.F. Nucleation control for high quality polycrystalline Ge_xSi_{1-x} thin film transistors 84424
Rem, J.B. *see* Klootwijk, J.H. 106301
Rem, P.C. *see* Zeyen, C.M.E. 69876
Remacle, J.-F., Dular, P., Genon, A., Legros, W. A posteriori error estimation and adaptive meshing using error in constitutive relation 65636
Remacle, J.-F., Dular, P., Henrotte, F., Legros, W. On the resolution of magnetostatic and magnetodynamic mixed formulations 96935
Remacle, J.-F. *see* Dular, P. 107754
Remacle, J.F. *see* Nicolet, A. 107737
Remaki, B. *see* Kaabi, L. 94662
Rembold, U. *see* Fatikow, S. 115445
Rembold, U. *see* Takeno, J. 98171
Remedios, J.J. *see* Lambert, A. 120778
Remelius, D. *see* MacKerrow, E.P. 109804
Remenieras, J.P. *see* Kouame, D. 110450
Remenieras, J.P. *see* Lim, C.S. 110737
Remennyi, M.A. *see* Zotova, N.V. 96268
Remesnik, V.G. *see* Ovsyuk, V.N. 64931
Remillard, S. *see* Feng, M. 93697
Remillard, S.K. *see* Button, T.W. 95394
Remley, K. Analysis of the dielectric slab waveguide 64747
Remley, K.A., Weisshaar, A. Impedance boundary method of moments for efficient analysis of lossy and leaky planar optical waveguide structures 95713
Remley, K.A., Weisshaar, A. Design and analysis of a silicon-based antiresonant reflecting optical waveguide chemical sensor 99952
Remley, K.A. *see* Masot, F. 95816
Remnant, J.L. *see* Harvey, E.C. 74920
Remnev, A.M., Smerdov, V.Y., Frolkov, O.A. Pulse modulators for diode laser arrays 85481
Remnev, A.M., Smerdov, V.Yu., Frolkov, O.A. Power supply for solid-state coolers 113734
Remond, D. *see* Bonnet, P. 117360
Remondino, V. Radiation damage in amplifiers used for quench detection in a superconducting accelerator 110508
Rempe, G. *see* Kunze, S. 85489
Rempel, C. *see* Schade, W. 96620
Rempp, H. *see* Vandenbroeck, J. 63933
Remund, Q.P. *see* Hardin, P.J. 111343
Remund, Q.P. *see* Hardin, P.J. 111347
Remy, P. *see* Peremans, A. 107401
Remy, P. *see* Trebossen, R. 90446
Remy, P.M., Boissenin, Y.M., Moliere, M.M. Benefits of MS 6001B gas turbine in cogeneration: the UEM power plant case 91360
Remy, T. *see* Nguyen, T. 88860
Ren, B. *see* Dilmanian, F.A. 90434
Ren, D.H. *see* Watson, A. 71385
Ren, F., Lothian, J.R., Chen, Y.K., MacKenzie, J.D., Donovan, S.M., Vartull, C.B., Abernathy, C.R., Lee, J.W., Pearton, S.J. Effect of BCl_3 dry etching on InAlN surface properties 114963
Ren, F., Lothian, J.R., Kuo, J.M., Hobson, W.S., Lopata, J., Caballero, J.A., Pearton, S.J., Cole, M.W. BCl_3/N_2 dry etching of InP, InAlP, and InGaP 84156
Ren, F. *see* Cole, M.W. 83976
Ren, F. *see* Geelhaar, L. 105654
Ren, F. *see* Hong, J. 74587
Ren, F. *see* Hong, J. 105609
Ren, F. *see* Lee, J.W. 74586
Ren, F. *see* Lee, J.W. 74596
Ren, F. *see* Lee, J.W. 74601
Ren, F. *see* Montgomery, R.K. 93888
Ren, F. *see* Pearton, S.J. 63410
Ren, F. *see* Pearton, S.J. 74521
Ren, F. *see* Pearton, S.J. 84080
Ren, F. *see* Pearton, S.J. 92725
Ren, F. *see* Pearton, S.J. 94876
Ren, F. *see* Peartona, S.J. 105271
Ren, H. *see* Buchkremer-Hermanns, H. 72920
Ren, H.T. *see* Wei, C.D. 72741
Ren, J., Nimtz, G., Wollrab, R. Acceptor level determination by carrier freezeout in reverse-biased $Hg_{0.8}Cd_{0.2}Te$ photodiodes 83836
Ren, J. *see* Johnson, M.A.L. 72776
Ren, J. *see* Johnson, M.A.L. 82694
Ren, J.-F. *see* Mark, J.W. 108944
Ren, K.F. *see* Lebrun, D. 79693
Ren, L., Py, M.A., Spicher, J., Buehlmann, H.-J., Beck, H., Ilegems, M. Low-frequency noise in lattice-matched $In_{0.52}Al_{0.48}As/In_{0.53}Ga_{0.47}As/InP$ HEMTs 104825
Ren, Y.C. *see* Chen, J.X. 103897
Ren, Y.C. *see* Chen, J.X. 103956
Ren, Y.C. *see* Li, A.Z. 103871
Ren, Z. *see* Allegre, J.M. 65723
Ren, Z. *see* Besbes, M. 64277
Ren, Z. *see* El Feddi, M. 107721
Ren, Z. *see* Gaspalou, B. 81647
Ren Da, Ching-Fang Lin Sensitivity analysis algorithm for the state chi-square test 82306
Ren Di-Yuan, Yu Xue-Feng, Lu Wu, Gao Wen-Yu, Zhang Guo-Qiang, Yan Rong-Liang Effects of radiation-induced oxide and interface charges on mobility degradation in MOSFETs 95003
Ren Diyuan *see* Diyuan Ren
Ren Fan *see* Fan Ren
Ren Fang-Ching *see* Fang-Ching Ren
Ren Gonghai *see* Gonghai Ren
Ren Jian Decoding of geometrically generalized RS codes 108126
Ren Jian-Wen, Yang Yi-Han, Xu, Q., Refsum, A. General training simulator for electric power system operator 101769
Ren Jun *see* Zhan Yushu 79717
Ren Kehui, Ouyang Xian, Zhao Jilai Intelligent missile exploded time measuring instrument 120933
Ren Lijuan, An Youren, Zhu Rijiang, Liu Shulin, Zhang Chuanli Distribution transformers with three-phases joining amorphous cores 121534
Ren Qiang *see* Qiang Ren
Ren Shang Yuan *see* Shang Yuan Ren
Ren Wang *see* Wang Ren
Ren Wei *see* Wei Ren
Ren Xiaomin *see* Xiaomin Ren
Ren Xiaotang *see* Ju Jinxaing 69701
Ren Xiaotang *see* Yu Jinxiang 90116
Ren Yanru *see* Yanru Ren
Ren Zhang Shao *see* Zhang Shao Ren
Ren Zhaoxing, Chen Junfang, Ding Zhenfeng, Shi Yicai, Song Yingan, Wang Daoxiu Study on the properties and application of the Si_3N_4 thin film prepared by ECR-PECVD 64028
Ren Zhijun, Liu Xuming, Wang Jing, Yao Yan A multipath fading countermeasure with multi-carrier coding scheme for 256QAM SDH radio system 118813
Ren Zhiyun *see* Zhiyun Ren
Ren Zhuoxiang *see* Zhuoxiang Ren
Ren-Cang Li *see* Bhatia, R. 60984
Ren-Han Tsou *see* Ching-Cherng Sun 116778
Ren-Han Tsou *see* Ming-Wen Chang 95655
Ren-Jun Li *see* Wei-Jen Lee 81187
Ren-Young Liu, Adams, G., Lindquist, E., Atherton, L. Test results from a tactical grade IMU using fiber optic gyros and quartz accelerometers 80704
Renard, M. *see* Cribier, M. 110538
Renardy, J.F. A taxonomy of control protocols for event building with switches 79770
Renaud, A. *see* Carpentier, P. 70803
Renaud, C.V. *see* Wong, T. 95402
Renaud, D. *see* Audouy, C. 66136
Renaud, D. *see* Bajon, D. 97388
Renaud, D. *see* Delepaux, F. 66077
Renaud, D. *see* Pinsard, B. 66144
Renaud, J.-C. *see* Gavignet, E. 84757
Renaud, J.C. *see* Goutain, E. 65214
Renaud, J.C. *see* Goutain, E. 107281
Renaud, J.E. *see* Lokanathan, A.N. 82884
Renaud, L. *see* Dauguet, S. 93929
Renaud, M. *see* Masetti, F. 78317
Renaud, P. *see* Lorenz, H. 84637
Renaud, P. *see* Vilela, M.F. 103957
Renaudin, M., Hassan, B.E., Guyot, A. A new asynchronous pipeline scheme: application to the design of a self-timed ring divider 73299
Renaudin, M. *see* Boutamine, H. 73224
Renaudin, M. *see* Guyot, A. 93341
Renaudin, M. *see* Robin, F. 113997
Renauer, J.G. Challenges in powering high performance, low voltage processors 61619
Renault, F. *see* Julie, J.J. 68677
Renault, P.O. *see* Declemy, A. 94720
Renaut, R.A., Parent, J.S. Rational approximations to $1/\sqrt{(1-s^2)}$, one way wave equations and absorbing boundary conditions 92618
Renaut, R.A. *see* Jackiewicz, Z. 72671
Renaux, D., Aramini, S., Defrenne, J., Malvache, N. Dependability parameter modelling in systems with non-exponential distributions 92319
Renberg, P.U. *see* Frenje, J. 100817
Renberg, P.U. *see* Ringbom, A. 69874
Renberg, P.U. *see* Ringbom, A. 80134
Renbiao Wu, Zheng Bao, Yuanliang Ma Control of peak sidelobe level in adaptive arrays 108082
Rencken, I.R. *see* Andriole, K.P. 110721
Rencz, M. *see* Poppe, A. 72218
Rencz, M. *see* Szekely, V. 74808
Rencz, M. *see* Szekely, V. 115338
Rendina, I. *see* Cocorullo, G. 88547
Rendina, I. *see* Cocurullo, G. 75553
Rendl, F. *see* Helmberg, C. 92544
Rendl, F. *see* Karisch, S.E. 92525
Rendon, E. *see* Menendez, J.M. 98120
Rendusara, D.A. *see* von Jouanne, A. 103074
Rene van Dorp, J., Mazzuchi, T.A., Fornell, G.E., Pollock, L.R. A Bayes approach to step-stress accelerated life testing 112864
Renero, C. *see* Francisco, J. 116159
Renesse, R.L.van *see* van Renesse, R.L.
Renesse, R.Van *see* Van Renesse, R.
Renfors, M., Saramaki, T., Vainio, O. Recursive implementation of FIR differentiators 83223
Renfors, M., Vaisanen, K. Efficient IIR filters for pulse-shaping and jitter free frequency error detection and timing recovery 77005
Renfors, M. *see* Rinne, J. 68886
Renfors, M. *see* Rinne, J. 78511
Renfors, M. *see* Rinne, J. 98372
Renfors, M. *see* Saramaki, T. 83224
Renfors, M. *see* Vainio, O. 108348
Renfors, M. *see* Zhang Hang 77004
Renfors, M. *see* Zhang Hang 97419
Renfors, M. *see* Zhang Hang 117933
Renfrew, A.C. *see* Honglin Pan 81967
Renfrew, A.C. *see* Lu, C.W. 121052
Renfrow, D. *see* Takayanagi, T. 73424
Reng, I. *see* Glas, P. 65093
Rengang Weng *see* Weng Rengang
Rengarajan, S., Yun, E.J., Kang, W.S., Walser, R.M. Hydrogen induced inelastic anomaly in $Fe_{80}Zr_{20}$ multilayers 115625
Rengarajan, S. *see* Kildal, P.-S. 97291
Rengarajan, S.R. *see* Area, F. 97371
Rengarajan, S.R. *see* Ares, F. 66008
Rengarajan, S.R. *see* Ares, F. 76646
Rengarajan, S.R. *see* Ares, F. 76663
Rengarajan, S.R. *see* Ares, F. 97354
Rengarajan, S.R. *see* Ares, F. 117059
Rengel, H. *see* Keller, H. 106515
Renger, T., Aarstad, E., Pettersen, H., Kroeze, J. Experimental validation of an ATM traffic control framework in the EXPLOIT testbed 118207
Renhart, W., Rucker, W., Biro, O. Calculation of antenna near field reactions on low conducting materials using the finite element method 65998
Renhart, W. *see* Biro, O. 107778
Renhart, W. *see* Simunic, D. 80344
Renhart, W. *see* Simunic, D. 90295
Renier, E. *see* Meriaudeau, F. 96862
Renieri, A. *see* Bulfone, D. 76053
Renieri, A. *see* Dattoli, G. 96444
Renieri, A. *see* Walker, R.P. 96521
Renisch, St. *see* Puls, J. 74377
Renjie Cheng *see* Cheng Renjie
Renjie He *see* Liyun Rao 65748
Renjie He *see* Liyun Rao 107716
Renjie Song *see* Song Renjie
Renjie Tang *see* Tang Renjie
Renk, K.F. *see* Gousev, Yu.P. 99976
Renk, K.F. *see* Gousev, Yu.P. 104839
Renk, K.F. *see* Hofbeck, K. 105330
Renk, K.F. *see* Schatz, W. 65048
Renk, K.F. *see* Semenov, A.D. 84907
Renk, K.F. *see* Tillert, T. 75796
Renk, T.J. *see* Bailey, J.E. 69615
Renken, D. *see* Jacob, G. 71823

Renken, D. *see* Shu, Q.S. 100497
Renken, V. *see* Calen, H. 120194
Renker, D. *see* Peigneux, J.P. 120164
Renker, D. *see* Schmidt, P.V. 90179
Renkowitz, D. *see* Sholley, M. 88699
Renming Ma *see* Ma Renming
Renmu He *see* He Renmu
Renn, A. *see* Graf, F.R. 76124
Renn, S.H., Raynaud, C., Balestra, F. Floating body and hot carrier effects in ultra-thin film SOI MOSFETs 94980
Renner, J.M. Implementing convergent telecommunication technologies in universities: how cost-effective, how educationally productive? 87545
Renner, M. SCbus for real-time transfer of telephony data 77896
Renner, T. *see* Byrd, J.M. 100530
Rennert, M. A simple CFAR algorithm against Weibull clutter 68606
Rennert, M., Bobrovsky, B.-Z. Designing second-order Costas loops and PLL`s to track Doppler shift—analysis and optimization 77564
Rennert, W. *see* Tohme, W.G. 110865
Rennie, I. The four pillars of variable speed [drives] 121945
Rennie, J., Nishikawa, Y., Saito, S., Onomura, M., Hatakoshi, G. Operation voltage reduction in ZnSe-based light-emitting diodes due to the use of n-type AlGaAs and CdZnSe buffer regions 64984
Renninger, R.G. *see* Nagaraj, K. 114030
Reno, M.H. *see* Gandhi, R. 80113
Reno, S.E. *see* Bammi, R. 63267
Renosi, P. *see* Sapriel, J. 85164
Renotte, Y.L.M. *see* Slangen, P.R.L. 89536
Renovell, M., Azais, F., Bertrand, Y. A design-for-test technique for multistage analog circuits 62056
Renovell, M., Azais, F., Bertrand, Y. The multi-configuration: A DFT technique for analog circuits 106142
Renovell, M., Huc, P., Bertrand, Y. Serial transistor network modeling for bridging fault simulation 61839
Renovell, M., Huc, P., Bertrand, Y. Bridging fault coverage improvement by power supply control 104486
Renovell, M. *see* Lavabre, S. 61842
Renovich, F., Jr. *see* Al-Kalaani, Y. 70802
Rensburg, D.J.Janse van *see* Janse van Rensburg, D.J.
Rensburg, N.F.J.van *see* van Rensburg, N.F.J.
Rensch, B. *see* Braunschweig, W. 120173
Rensch, D. *see* Bhattacharya, U. 93853
Rensch, D. *see* Case, M. 62088
Rensch, D. *see* Case, M. 83500
Rensch, D. *see* Larson, L. 73786
Renshaw, C. The time delay of a solar grazing photon 100345
Rensheng Dou, Giles, M.K. Programmable phase grating and beam steerer by operating a LCTV 75606
Rensheng Dou, Giles, M.K. Phase measurement and compensation of a wave front using a twisted nematic liquid-crystal television 100352
Rensing, P. *see* Abe, K. 69708
Rensing, P. *see* Abe, K. 69726
Renstrom, P.J. *see* Chou, S.Y. 63489
Rente, C. *see* Braunschweig, W. 120140
Rente, C. *see* Karpinski, W. 106068
Rente, C. *see* Karpinski, W. 115240
Renteln, P. *see* Hu, A. 63388
Renter, R., Breder, T., Auer, U., Van Waasen, S., Agethen, M., Tegude, F.J. On the temperature dependence of the impact ionization in HFET and the corresponding RF- and noise performance 104841
Renton, M.W. *see* Wallace, A.R. 91378
Rentoul, A.H. *see* Medland, A.J. 92280
Rentrop, P. *see* Gunther, M. 93087
Rentschler, J.A. *see* Rau, W.-D. 74996
Rentz, O. *see* Wietschel, M. 120879
Rentzepis, P.M. *see* Dvornikov, A.S. 84951
Rentzepis, P.M. *see* Piyaket, R. 95649
Rentzepis, P.M. *see* Tomov, I.V. 120247
Renucci, M.A. *see* Pages, O. 94465
Renuka, R., Rajesh, J., Hariharan, V.K., Shastry, S.V.K. Simulation of the response of external ESD protection circuits for CMOS ICs 74827
Renwu Xu *see* Xu Renwu
Renxiang Ma *see* Ma Renxiang
Renxin Chu *see* Chu Renxin
Renyuan Huang, Chin-Long Wey A high-accuracy CMOS oversampling current sample/hold (S/H) circuit using feedforward approach 104730
Renyuan Tang *see* Tang Renyuan
Renz, G., Spindler, G., Schlott, V., Hahn, R. Structure of the spontaneous emission spectra of high-γ free electron lasers as measured at the Darmstadt (S-DALINAC) FEL 96548
Renz, K.W. The Kayenta ASC–the key for better network management [VAr compensation] 111563
Renz, K.W., Thumm, G., Weiss, S. Thyristor-controlled reactor improves series capacitor applications 91098
Renze, J.L. Important factors in the technical proposal process according to engineering faculty 60482
Renzoni, G. *see* Autiero, D. 69815
Renzoni, G. *see* Autiero, D. 80006
Reorda, M.S. *see* Rebaudengo, M. 82889
Reorda, M.S. *see* Rebaudengo, M. 93221
Reorda, M.Sonza *see* Sonza Reorda, M.
Repar, T. *see* Drnovsek, J. 109042
Repej, V. *see* Gmiterko, A. 89523
Repetto, M. *see* Alotto, P. 64571
Repetto, M. *see* Alotto, P. 65717
Repetto, M. *see* Appino, C. 64211
Repetto, M. *see* Boglieni, A. 115498
Repetto, M. *see* Chiampi, M. 65729
Repges, R. *see* Lehmann, T.M. 108639
Repin, D.V. *see* Evtikhiev, N.N. 77278
Repin, O.I. *see* Kozlitin, A.I. 83781
Repin, V.N. *see* Preobrazhenskii, M.N. 90846
Repjar, A.G. *see* Stubenrauch, C.F. 108058
Repnow, R. *see* Kleffner, C.-M. 89724
Repond, J. *see* Norem, J. 79979
Repond, P., Sigrist, M.W. Continuously tunable high-pressure CO$_2$ laser for spectroscopic studies on trace gases 111303
Repose, G. *see* Karpenko, V. 89695
Reposeur, T. *see* Lautridou, P. 69792
Reppa, R. *see* Midya, P. 121405
Reppen, N. *see* Weber, E. 102001
Repperger, D.W., Hill, B.O., Hasser, C., Roark, M., Phillips, C.A. Human tracking studies involving an actively powered, augmented exoskeleton 70253
Repperger, D.W. *see* Chelette, T.L. 70258
Repperger, D.W. *see* Johnson, D.C. 70174
Repperger, D.W. *see* Johnson, D.C. 70231
Reppin, C. *see* Brauninger, H. 90702
Reppin, C. *see* Soltau, H. 110553
Repplinger, S. *see* Jurasek, G. 71858
Requardt, H. *see* Maurer, J. 80351
Resch, M.T. *see* Cheng, A.S. 61471
Resch, U. *see* Becker, K. 112490
Resch-Esser, U. *see* Esser, N. 72798
Reschke, C., Sterling, T., Ridge, D., Savarese, D., Becker, D., Merkey, P. A design study of alternative network topologies for the Beowulf parallel workstation 109111
Rescia, S. *see* Citterio, M. 90200
Rescigno, A.A. *see* Bermond, J.-C. 119231
Rescigno, A.A. *see* Gargano, L. 118437
Rescod, C.R. *see* Murphy, M.M. 68358
Resek, J. *see* Rutz, W.L. 70730
Resende, F.G., Tokuda, K., Kaneko, M. AR spectral estimation based on multi-window analysis of the linear prediction error 77063
Resende, F.G.V., Jr, Tokuda, K., Kaneko, M. Adaptive AR spectral estimation based on wavelet decomposition of the linear prediction error 76906
Resende, L.S., Romano, J.M.T., Bellanger, M.G. A fast least-squares algorithm for linearly constrained adaptive filtering 66815
Resende, M.C. *see* Batista, T.V. 118633
Resende, M.J. *see* Pierrat, L. 102815
Reshef, H.W. *see* Scott, S.W.C. 107077
Reshidova, I.Yu. *see* Prozorovskii, V.D. 105142
Residori, S., Ramazza, P.L., Pampaloni, E., Arecchi, F.T. Pattern formation and competition in nonlinear optics 85111
Resing, J. *see* Adan, I. 72433
Resler, D.P., Hobbs, D.S., Sharp, R.C., Friedman, L.I., Dorschner, T.A. High-efficiency liquid-crystal optical phased-array beam steering 64821
Resmini, M.J.De *see* De Resmini, M.J.
Resnick, D.J. *see* Mancini, D.P. 115045
Resnick, L. *see* Shlimak, I. 94287
Resnik, D., Vrtacnik, D., Aljancic, U., Amon, S. Growth conditions for thin passivation oxides 63415
Resnik, D. *see* Aljancic, U. 79332
Resor, G.L. *see* Holbrook, D.S. 89426
Resplandor, R., Cova, P. Numerical simulation of the electrical current transport in a metal-ultra thin insulating layer-InP epitaxial layer junction 94907
Ress, H. *see* Litz, M.T. 74160
Ress, H.R. *see* Spahn, W. 72788
Ress, H.R. *see* Spahn, W. 92745
Resseguier, T.de *see* de Resseguier, T.
Ressel, P., Osterle, W., Urban, I., Dorfel, I., Klein, A., Vogel, K., Krautle, H. Transmission electron microscopy study of rapid thermally annealed Pd/Ge contacts on In$_{0.53}$Ga$_{0.47}$As 114813
Ressel, P., Park, M.H., Wang, L.C., Kuphal, E. Shallow and low-resistive contacts to p-In$_{0.53}$Ga$_{0.47}$As based on Pd/Sb and Pd/Ge metallisations 105442
Ressel, P. *see* Oesterle, W. 114814
Ressel, P. *see* Strusny, H. 94709
Ressier, L., Voillot, F., Goiran, M., Peyrade, J.P., Vieu, C. Fractal analysis of atomic force microscopy pictures of slip lines on a GaAs/GaAlAs heterostructure plastically deformed to obtain quantum wires 74369
Ressing, D. *see* Glass, J. 100978
Ressing, D. *see* Koch, N. 80129
Ressler, E. *see* Cogan, A.I. 73131
Ressler, M. *see* Jorquera, C. 88958
Ressler, M.A., McCorkie, J.W. Evolution of the Army Research Laboratory ultra-wideband test bed 101649
Ressler, M.A. *see* Happ, L. 109769
Rest, M. *see* Bock, J. 84565
Rest, M. *see* Treitinger, L. 73798
Resta, L. *see* Bhattacharya, S. 121700
Restaino, S. *see* Damodaran, M. 66899
Restaino, S.R., McBroom, R.J., Baker, J., Carreras, R.A., Loos, G.C. Visible interferometric coupling of two telescopes through single mode optical fibers 109682
Restivo, M.T. A case study of induced eddy currents 79320
Reston, R.R. *see* Kolesar, E.S., Jr. 74985
Restorff, J.B., Wun-Fogle, M., Teter, J.P., Cullen, J.R., Clark, A.E. Magnetic and magnetoelastic properties of single crystal Tb$_{0.5}$Dy$_{0.5}$Zn 115567
Restorff, J.B. *see* Cullen, J.R. 75123
Restrepo, A. *see* de la Vega, R. 108291
Restrepo, H. *see* Urdaneta, A.J. 93981
Restrepo, J., Maral, G. Analysis and comparison of satellite constellation configurations for global single permanent visibility 88403
Restrepo, J.A., Bowler, P. Analysis of induction machine slot harmonics in the TF domain 102706
Resunkov, Y.A. *see* Ageichik, A.A. 116761
Resvanis, L.K. High energy neutrino telescopes 80108
Resvanis, L.K. *see* Adam, W. 69709
Ret-Bean Lee *see* Chorng-Kuang Wang 78931
Reti, Z. *see* Mair, B.A. 108509
Retter, C.T. Decoding binary expansions of low-rate Reed-Solomon codes far beyond the BCH bound 66362
Retter, E. *see* Sunaga, T. 113975
Retuert, P.J., Kneuer, P.G., Wittke, O., Avila, R.E., Piderit, G.J. Synthesis and characterization of LiTaO$_3$ thin films deposited on Si by the sol-gel method 72855
Reudink, D. *see* Yingjie Li 117069
Reudink, D.O., Kavanagh, M.J. Directive antennas offer improvements for cell sites 78551
Reulet, J.F. *see* Herve, D. 70544
Reusch, M.F., Bruhwiler, D.L. Transport of bunched beams with space charge through a periodic lattice 90021
Reusch, M.F. *see* Krishnaswamy, J. 96493
Reusch, M.F. *see* Paulson, C.C. 89598
Reuse, R. *see* Nachman, L. 93237
Reusen, I. *see* Van Duppen, P. 69686
Reushev, M.Yu. *see* Provorov, A.S. 116357
Reusken, A.A. *see* Ferket, P.J.J. 72672
Reuss, J. *see* Bijnen, F.G.C. 100169
Reuster, D.D., Thiele, G.A., Eloe, P.W. A magnetic field iterative technique for improving high frequency prediction methods 96879
Reutebuch, S.E. *see* Carson, W.W. 67395
Reuter, D. *see* Haase, M. 71152
Reuter, E. *see* Wienands, U. 79958
Reuter, E. *see* Wienands, U. 89916
Reuter, E.E. *see* Li, X. 106997
Reuter, E.E. *see* Turnbull, D.A. 113360
Reuter, K. *see* Mitas, J. 103634
Reuter, R., Agethen, M., Auer, U., van Waasen, S., Peters, D., Brockerhoff, W., Tegude, F.J. Investigation and modeling of impact ionization with regard to the RF- and noise behaviour of HFET 93795
Reuter, R. *see* Auer, U. 106083
Reuter, R. *see* Bertenburg, R.M. 88623
Reuter, R. *see* Bohm, C. 93891
Reuter, R. *see* Daumann, W. 104831
Reuter, R. *see* Daumann, W. 104853
Reuter, R. *see* Peters, D. 114270
Reuter, R. *see* Van Waasen, S. 104866
Reuter, V.E. *see* Feleppa, E.J. 90372
Reuther, H.M., Weinmann, M., Fischer, M., von Munch, W., Assmus, F. Modeling electrostatically deflectable microstructures and air damping effects 63989
Reutovich, S.I. *see* Baturitsky, M.A. 120223
Reutter, B.W. *see* Klein, G.J. 90447
Revankar, S.T. *see* Wu, Q. 121303
Revankar, S.T. *see* Wu, Q. 121304
ReVelle, C. *see* Erkut, E. 82494
Revelt, J.J. Don't let the new Design E motor throw you a curve 91445
Revenant-Brizard, C., Regnard, J.R., Solmi, S., Armigliato, A., Valmorri, S., Cellini, C., Romanato, F. High-temperature annealings of Sb and Sb/B heavily implanted silicon wafers studied by near grazing incidence, fluorescence extended X-ray absorption fine structure 83811
Revenko, A.V. *see* Briancon, C. 69880
Revenko, A.V. *see* Brudanin, V.B. 110622
Revenko, M.A. *see* Bolkhovityanov, Yu.B. 74137
Reventlow, C.v. *see* Haas, M. 109575
Reventlow, C.v. *see* Haas, M. 109868
Revenu, M., Bloyet, D., Desvignes, M., Allain, P., Travere, J.-M. Individual merging of multimodal cerebral data: Information extracted from digital images and expert knowledge 69994
Reverberi, M. *see* De Munari, I. 113755
Revich, V.E. *see* Baranov, N.V. 116363
Revich, V.E. *see* Mashendzhinov, V.I. 116362
Revil, N. *see* Vincent, E. 115406
Revol, J.L. *see* Ropert, A. 79912
Revol-Buisson, C. *see* Trolliet, B. 72248
Revolte, P. *see* Caron, J. 67349
Revuelta, P.S., Asquerino, J.C.M. The active power filter 81584
Revva, P. *see* Kaltsas, G. 84298
Rexford, J.L., Greenberg, A.G., Bonomi, F.G. Hardware-efficient fair queueing architectures for high-speed networks 87396
Rey, A. *see* Simeonidou, D. 78682
Rey, B.Del *see* Del Rey, B.
Rey, C. *see* Deis, G. 106719
Rey, G. *see* Wegrowe, J.-G. 76559
Rey, J.M. *see* Kircher, F. 95567

Rey, L., Suinot, N., Oudart, P., Carayon, G. Phase B and breadboard results for the TOPEX POSEIDON FOLLOW-ON mission 111079
Rey, L. *see* Caballero, R. 60903
Reyer, F. *see* Ju, P. 70749
Reyering, C. *see* Kuhn, A. 109438
Reyerse, C., Kanev, S. Technical challenges of precision wafer bonding in controlled environments 63998
Reyes, A. *see* Finley, D.W. 92249
Reyes, A.A., Seino, T., Nakagawa, S. Language identification methods based on HMMS 97611
Reyes, A.C., El-Ghazaly, S.M., Dorn, S., Dydyk, M. Temperature and bias effects in high resistivity silicon substrates 83469
Reyes, A.C., El-Ghazaly, S.M., Dorn, S., Dydyk, M., Patterson, H.W. Microwave inductors on silicon substrates 62392
Reyes, A.C., El-Ghazaly, S.M., Dorn, S., Dydyk, M., Schroder, D.K., Patterson, H. High resistivity Si as a microwave substrate 114188
Reyes, A.C. *see* LaRocca, T.R. 85939
Reyes, A.H. *see* Duque-Carrillo, J.F. 62054
Reyes, A.I. *see* Farmer, B.K. 111837
Reyes, G. *see* Jorquera, C. 88958
Reyes, H.L.M. *see* Jimenez, F.J.M. 76042
Reyes, J.P., Hassan, Y.A. Simulation of condensation with noncondensable gas using the CATHARE code 81264
Reyes, L. *see* Baker, D. 80420
Reymann, D., Kim, K.-T., Christian, L.A., Frenkel, R.B., Witt, T.J. Comparisons of the Josephson voltage standard of the BIPM with those of the KRISS, the MSL and the NML 88901
Reymond, F. *see* Makarov, A. 66889
Reyn, H. *see* Touayar, O. 89081
Reyn, T.von *see* von Reyn, T.
Reynaerts, D., Peirs, J., Van Brussel, H. Design of a SMA-actuated implantable drug delivery system 70187
Reynaerts, D., Peirs, J., Van Brussel, H. Design of a SMA-actuated gastrointestinal intervention system 70188
Reynard, D., Wildenberg, A., Blake, A., Marchant, J. Learning dynamics of complex motions from image sequences 67249
Reynard, J.P. *see* Barla, K. 60667
Reynaud, J. *see* Dayoub, F. 94609
Reynaud, M., Sarremejean, A., Christophe, F. Electromagnetic diffraction computation for a high accuracy direction finder on board a helicopter 109818
Reynders, D.A. *see* Nielsen, S.D. 81614
Reynders, J.P. *see* Bhutt, S. 95261
Reynders, J.P. *see* Bhutt, S. 95262
Reynders, J.P. *see* Dickson, A.E. 102206
Reynders, J.P. *see* Dickson, A.E. 102207
Reynders, J.P. *see* Minhas, M.S.A. 102803
Reynders, J.P. *see* Nielsen, S.D. 81614
Reynders, J.P. *see* Nielsen, S.D. 102922
Reynders, J.P. *see* Pretorius, P.H. 101843
Reynders, J.P. *see* Van Der Zel, G.L. 64064
Reyne, G. *see* Benbouzid, M.E.H. 71354
Reyne, G. *see* Body, C. 95337
Reyne, G. *see* Body, C. 106636
Reyne, G. *see* Nabeta, D.I. 102674
Reyne, G. *see* Nabeta, S.I. 71285
Reyneri, L.M. *see* Chiaberge, M. 62126
Reyneri, L.M. *see* Vetuli, A. 113836
Reynes-Figuerora, A. *see* Dobal, P.S. 116481
Reynier, F. *see* Thiell, G. 85421
Reynolds, C. *see* Bowser, M. 69232
Reynolds, C.L. *see* Hybertsen, M.S. 96350
Reynolds, C.L. *see* Kojima, K. 75991
Reynolds, C.L. *see* Pollak, F.H. 96352
Reynolds, C.L., Jr. *see* Belenky, G.L. 96289
Reynolds, C.L., Jr. *see* Belenky, G.L. 96361
Reynolds, D.B. *see* Smith, J.A. 70022
Reynolds, D.C., Look, D.C., Jogai, B. Optically pumped ultraviolet lasing from ZnO 96415
Reynolds, D.C. *see* Look, D.C. 105162
Reynolds, G.A.M. *see* Pekala, R.W. 104899
Reynolds, J.K. *see* Rockstad, H.K. 88985
Reynolds, J.P. *see* Zhou, M. 95297
Reynolds, J.R. *see* Larmat, F. 104896
Reynolds, J.S., Przadka, A., Yeung, S.P., Webb, K.J. Optical diffusion imaging: a comparative numerical and experimental study 101085
Reynolds, K. *see* Engel, J.J. 115326
Reynolds, K.Y. Digital video and audio transmission alternatives 119404
Reynolds, M.R., Jr. Shewhart and EWMA variable sampling interval control charts with sampling at fixed times 82308
Reynolds, O.R., Pachter, M., Houpis, C.H. Full envelope flight control system design using qualitative feedback theory 90912
Reynolds, P. *see* Buehler, K. 120936
Reynolds, P.D. Maritime Gateway: Extending terrestrial network services over radio links 99066
Reynolds, P.D., LeFever, R. A new HF waveform for NATO RATT systems 101637
Reynolds, P.J., Beadle, H.W.P. Quality of service support for networked multimedia workstations 87898
Reynolds, R. *see* Carn, M. 63436
Reynolds, R. *see* Gagnon, G. 84142
Reynolds, R. *see* Ouellet, L. 63434
Reynolds, S. *see* Gao, W. 95093
Reynolds, T.E. *see* Blixt, P. 65364
Reynolds, T.E. *see* Hawkins, A.R. 79417
Reynolds, T.E. *see* Zhang, S.Z. 96406
Reynolds, W.R. *see* Hilgers, J.W. 67388
Reynoso, V.C.S., Yudong Liu, Rojas, R.F.C., Aranha, N., Cesar, C.L., Barbosa, L.C., Alves, O.L. The influence of semiconductor concentration on the size dispersion of quantum dots in glass 74442
Reynoso-Hernandez, J.A., Rangel-Patino, F.E. DC and RF techniques for computing access resistances in microwave FET's 95059
Reysen, W.H. *see* Jiang, C.-L. 75537
Reza, A.M., Doroodchi, M. Cramer-Rao lower bound on locations of sudden changes in a steplike signal 117321
Reza, A.M. *see* Doroodchi, M. 117792
Rezachek, T.M. *see* Wood, R.A. 69304
Rezagholipour Dizaji, H., Dhanasekaran, R. Concentration profile and growth rate studies of $In_{1-x}Ga_xP$ LPE by computer simulation technique 72822
Rezania, S., Martin, K.W. PowerDesign: A module generator for general-purpose amplifiers 104379
Rezaul Hasan, S.M. *see* Norlaili Mohd Noh 97449
Rezavi, B. A 1.5 V 900 MHz downconversion mixer 73165
Rezazadeh, A. *see* Defez, E. 97926
Rezazadeh, A.A. *see* Ahmad, T. 63597
Rezazadeh, A.A. *see* Bashar, S.A. 64926
Rezazadeh, A.A. *see* Karacaoglu, U. 114333
Rezazadeh, A.A. *see* Sanchez-Hernandez, D. 108050
Rezazadeh, A.A. *see* Wang, Q.H. 73787
Rezek, I. *see* Krkic, M. 70171
Rezende, E.N. *see* Flores, E.L. 87232
Rezende, S.M. *see* Mendes, K.C. 84787
Rezic, A., Valkovic, Z. Calculation of flux distribution in transformer core taking hysteresis into account 81533
Rezig, B. *see* Dahman, H. 113428
Rezinkin, O.L., Rezinkina, M. M., Dolbin, A.V. The experimental investigation of fractal characteristics of dendrites changing in time domain during the electrical aging of polyethylene insulation 64123
Rezinkina, M. M. *see* Rezinkin, O.L. 64123
Rezkallah, K.S. *see* Elkow, K.J. 99951
Rezlescu, N. *see* Badescu, V. 107826
Rezmer, J. *see* Lobos, T. 101752
Rezmer, J. *see* Lobos, T. 111696
Reznic, Z., Johnson, C.R., Jr., de Victoria, F.L. Frequency domain interpretation of LMS convergence of a fractionally spaced equalizer 87264
Reznichenko, L.A. *see* Fesenko, E.G. 106312
Reznik, A.N. *see* Korotkov, A.L. 64546
Reznik, D., Gerlach, W. Generalised drift-diffusion model of bipolar transport in semiconductors 73096
Reznik, V., Sabata, M., Jambor, J. The enhancement of nuclear safety and reliability–modernization programme of the nuclear power plant Dukovany 102403
Reznikov, B.I. Distribution of the electric field in high-resistance, highly biased MISIM structures 114822
Reznikov, M., Heiblum, M., Shtrikman, H., Mahalu, D. Temporally correlated transport and suppression of shot noise in a ballistic quantum point contact 63825
Reznikov, Yu. *see* Yaroshchuk, O. 85747
Reznikova, Zh.I., Ryabko, B.Ya. Using ideas and methods of information theory in analyzing the flexibility of the language of ants and their aptitude to add and subtract small numbers 76679
Rezola, M.L. *see* Alfaro, M. 72569
Rezunkov, Y.A. *see* Ageichik, A.A. 116337
Rezunkov, Y.A. *see* Ageichik, A.A. 116340
Rezvov, V.A. *see* Mikhailov, V.G. 79828
Rezzi, F., Montecchi, F., Castello, R. A PLL-based frequency synthesizer for 160-MHz double-sampled SC filters 114047
Rezzonico, L. *see* Stammbach, T. 100434
Rezzonico, S. *see* Camani, M. 91741
Rgechicky, A. *see* Khulugurov, V. 96222
Rhallabi, A., Gogolides, E., Turban, G. Modelling of plasma surface interactions 104088
Rhee, C. *see* Kim, Y.-G. 119665
Rhee, D.J., Lin, S. Multilevel concatenated coded modulation schemes for the shadowed mobile satellite communication channel 68098
Rhee, E.J., Kim, T.K., Nakajima, M. On-line recognition of cursive Korean characters by DP matching with structural information 87135
Rhee, I., Chi-Yung Lee An efficient recovery-based spin lock protocol for preemptive shared-memory multiprocessors 98475
Rhee, I. *see* Martin, G.R. 86579
Rhee, I.-K., Choi, I.-K., Park, S.-K., Park, J.-H., Kim, S.-H. The modeling of FM/TV signal spectrum and comparison with INTELSAT measurement model 99716
Rhee, J.K. *see* Norris, T.B. 116482
Rhee, J.R. *see* Hwang, D.G. 115623
Rhee, P.K. *see* Ryu, H. 86685
Rhee, S.-W. *see* Park, Y.-B. 113427
Rhee, S.J. *see* Kim, D.S. 114755
Rhee, S.J. *see* Kim, D.S. 116483
Rhee Byung Roh *see* Byung Roh Rhee
Rhee Hyun-Sook *see* Hyun-Sook Rhee
Rhee June-Koo *see* June-Koo Rhee
Rhee Man Young *see* Man Young Rhee
Rhee Seunghyeon *see* Seunghyeon Rhee
Rhee Shi-Woo *see* Shi-Woo Rhee
Rheinbaben, I.Mesecke-von *see* Mesecke-von Rheinbaben, I.
Rheinfelder, C., Strohm, K., Beisswanger, F., Gerdes, J., Schmuckle, F.J., Luy, J.-F., Heinrich, W. 26 GHz coplanar SiGe MMICs 83456
Rheinfelder, C., Strohm, K., Beisswanger, F., Gerdes, J., Schmuckle, F.J., Luy, J.-F., Heinrich, W. 26 GHz coplanar SiGe MMICs 83484
Rheinfelder, C.N., Beisswanger, F., Gerdes, J., Schmuckle, F.J., Strohm, K.M., Luy, J.F., Heinrich, W. A coplanar 38-GHz SiGe MMIC oscillator 114334
Rheinlander, B. *see* Kovac, J. 100046
Rheinlander, B. *see* Schubert, M. 119916
Rheinlander, J.T. *see* Mogensen, M. 81817
Rheinschmitt, R., Tangemann, M. Performance of sectorised spatial multiplex systems 109477
Rheme, C. *see* Hoszowska, J. 90251
Rho Daeseok *see* Daeseok Rho
Rho Kwang Myoung *see* Kwang Myoung Rho
Rho Kwang-Myoung *see* Kwang-Myoung Rho
Rhoades, J. *see* Jackson, G. 100728
Rhoades, R. *see* Dolny, G. 69396
Rhoades, R.L. *see* Gorbatkin, S.M. 84219
Rhode, J.P., Kelley, A.W., Baran, M.E. Complete characterization of utilization-voltage power system impedance using wideband measurement 81186
Rhode, M. *see* Cruise, R.J. 81585
Rhodes, C.K. *see* Omenetto, F.G. 96211
Rhodes, C.R. DFE: more than just design for the environment 92355
Rhodes, C.T. *see* Shao, X.M. 111227
Rhodes, D. *see* Lee, C.C. 94882
Rhodes, D.L. A design language for analog circuits 114154
Rhodes, D.L. *see* Woolard, D.L. 63565
Rhodes, D.M. *see* Byers, D.L. 68872
Rhodes, H. A high-speed digital equaliser for satellite applications 68344
Rhodes, M.A., Boley, C.D., Tarditi, S.G., Bauer, B.S. Plasma electrode pockels cell for ICF lasers 85085
Rhodes, N.J. *see* Petrillo, C. 120178
Rhodes, R. Analyzing your find can influence many of your PCB processes [test pattern panels] 83609
Rhodes, R. *see* Long Tran 83463
Rhodes, R. *see* Tran, L. 83442
Rhodin, T.N., Paulsen-Boaz, C. Photoetching anisotropy of heavily doped Si(100) and Si(111) surfaces 94756
Rhonehouse, D.L. *see* Shibin Jiang 96196
Rhyne, J.J. *see* Theis-Brohl, K. 64363
Ri-Chee Chou *see* Phillips, C. 99647
Riabko, A., Ellison, M., Kang, X., Lee, S.Y., Liu, J.Y., Li, D., Pei, A., Wang, L. Hamiltonian formalism for space charge dominated beams in a uniform focusing channel 89997
Riabko, A. *see* Kang, X. 89843
Riabko, A. *see* Li, D. 79813
Riabko, A. *see* Liu, J.Y. 79891
Riabko, A. *see* Liu, J.Y. 89882
Riabko, A. *see* Pei, A. 89976
Riabko, A. *see* Pei, A. 100653
Riabko, A. *see* Pei, A. 100654
Riabko, A. *see* Wang, L. 89881
Riabzev, S. *see* Pundak, N. 60638
Riad, S., Su, W., Elshabini-Riad, A., Barlow, F., Salama, I. Wideband electrical characterization of MCM materials 94131
Riad, S. *see* Barlow, F. 83670
Rian, K. *see* Reinertsen, T. 102512
Riant, I., Borne, S., Sansonetti, P. Dependence of fiber Bragg grating thermal stability on grating fabrication process 75444
Riazi-Nejad, H. *see* Schon, J.H. 62784
Ribak, E.N. *see* Baharav, Y. 70479
Ribakov, S. *see* Timofyeev, V. 107724
Ribas, M. *see* Jornet, N. 90663
Ribas-Corbera, J., Neuhoff, D.L. Reducing rate/complexity in video coding by motion estimation with block adaptive accuracy 86511
Ribas-Corbera, J., Neuhoff, D.L. On the optimal motion vector accuracy for block-based motion-compensated video coders 86577
Ribayrol, A., Tang, Y.S., Zhou, H.P., Coquillat, D., Sotomayor Torres, C.M., Lascaray, J.P., Lunn, B., Ashenford, D.E., Feuillet, G., Cibert, J. Fabrication and characterisation of dry etched CdTe/CdMnTe quantum dots 74142
Ribbe, T. *see* Dale, S. 101095
Ribbes, F. *see* Le Toan, T. 111345
Ribbrock, T. *see* Martin, A. 115368
Ribco, L. *see* Ionescu, M. 95442
Ribeiro, A.B.L., Caleya, R.F., Santos, J.L. General error function of synthetic-heterodyne signal processing in interferometric fibre-optic sensors 69226
Ribeiro, A.B.Lobo *see* Lobo Ribeiro, A.B.
Ribeiro, A.L., Fernandes, C.F. Near threshold regime in quantum well lasers 116561
Ribeiro, A.Lopes *see* Lopes Ribeiro, A.
Ribeiro, C.A. *see* Gama, S. 75103
Ribeiro, E.R., Roy, G., April, G.-E. The implementation of a DFC topology under scalar control algorithm with a voltage gain beyond unity 71509
Ribeiro, E.R. *see* Roy, G. 71470

Ribeiro, F.J., Latge, A., Oliveira, L.A. Effects of external fields on the far-infrared 1s→2p, intradonor absorption spectra in quantum wells 94544
Ribeiro, F.S. *see* Bovolato, L.F. 102055
Ribeiro, G.F., Mendonca, G.V. Image coding using biorthogonal Wavelet Transform 97447
Ribeiro, G.M. *see* Correa F, J.A. 62764
Ribeiro, G.M. *see* Lambert-Torres, G. 121820
Ribeiro, L.A.S., Jacobina, C.B., Lima, A.M.N., Oliveira, A.C. MRAC strategies for an IFO controlled AC motor drive with parameter estimation 122009
Ribeiro, M.I., Goncalves, J.G.M. Natural landmark based localisation of mobile robots using laser range data 119878
Ribeiro, M.I. *see* Pedrosa, F. 99674
Ribeiro, P. *see* Arrillaga, J. 70846
Ribeiro, P.F. *see* Galli, A.W. 120952
Ribeiro, P.F. *see* Rogers, D.A. 92084
Ribeiro, R.L.A., Jacobina, C.B., da Silva, E.R.C., Lima, A.M.N. AC/AC converter with four switch three phase structures 121576
Ribeiro, R.M., Kawase, L.R., Margulis, W., Lidgard, A. Switching in all-fibre interferometer using a semiconductor coated D-fibre 85025
Ribeiro, R.V. *see* Filho, J.R.F. 87977
Ribeiro, V. *see* Silva, A. 110819
Ribeiro Antunes, A. *see* Marzouki, M. 93201
Ribero, J.-M. *see* Staraj, R. 76550
Ribero, J.M., Damiano, J.P., Staraj, R. Accurate original synthesis model applied to various shapes of microstrip antennas 66003
Ribezzo, S. *see* Ciucci, A. 111302
Ribickis, L. *see* Rutmanis, L. 121656
Riblet, P. *see* Cameron, A.R. 74418
Riblet, P. *see* Othmani, A. 85673
Ribois, J.F. *see* Verbeni, R. 110628
Ricaldone, P. *see* Ives, D.J. 64682
Ricaldone, P.G. *see* Caviglia, F. 69537
Ricard, A. *see* Tabbal, M. 104144
Ricard, B. *see* Georgin, E. 111873
Ricard, M. *see* Pelegrini, M. 80225
Ricard, M.R., Gavoille, A.P., Aubert, B.A. Automatic analysis of collimator structure for quality assurance 101260
Ricca, G.Della *see* Della Ricca, G.
Riccardi, A. *see* Esposito, S. 119320
Riccardi, C., Zibra, F., Borini, A., Agostini, E., Cantu e Marcello Fontanesi, P. Control and data acquisition systems in laboratory tests 68990
Riccardi, C. *see* Arena, V. 90171
Riccardi, D. *see* Buoll, C. 93820
Riccardi, F. *see* Annis, P. 80121
Riccardi, F. *see* Martellotti, G. 80122
Riccardi, L. *see* Cecchi, M. 92047
Riccati, L. *see* Beole, S. 110562
Ricci, A.M. *see* Berizzi, F. 68658
Ricci, C. *see* Autiero, D. 69815
Ricci, D. *see* Graffi, S. 95198
Ricci, G. *see* Conte, E. 99604
Ricci, G. *see* Conte, E. 111250
Ricci, G. *see* Montangero, P. 95989
Ricci, K.N. *see* Berryman, K.W. 107379
Ricci, L. *see* Montangero, P. 96433
Ricci, M. *see* Barbiellini, G. 69722
Ricci, V., Ueno, Y., Stegeman, G.I. Measurement of the second-order susceptibility of GaInP films at 1.5 μm 94561
Ricciardi, L.M. *see* Di Crescenzo, A. 113033
Ricciardi, S. *see* Di Capua, E. 110598
Ricciatti, R.L., Weiss, A.K. Laser velocimetry 110376
Riccio, C., Barzaghi, A., Burzi, G. The split between systems and services: real liberalization 119378
Riccio, D. *see* Coltelli, M. 111083
Riccio, D. *see* Franceschetti, G. 120689
Riccio, D. *see* Lanari, R. 111161
Riccio, G. *see* Bucci, O.M. 85950
Riccio, G. *see* Bucci, O.M. 116998
Riccio, G. *see* Corona, P. 116876
Ricco, A.J. *see* Howard, A.J. 62470
Ricco, B. *see* Bogliolo, A. 82867
Ricco, B. *see* Metra, C. 104422
Riccobene, S. *see* Catania, V. 118462
Riccobono, J.R. *see* Korzinin, Yu.L. 96821
Rice, B. Sequence generation and detection for high data rate spread spectrum networks 68053
Rice, B.W., Bedford, A.J., Poropat, G.V., Lawson, E. History and review of infrared in Australia 69260
Rice, D. *see* Fischer, D. 98184
Rice, D. *see* Khosla, D. 101388
Rice, D. *see* Lou, W. 89822
Rice, D. *see* Padamsee, H. 100471
Rice, D. *see* Temnykh, A. 120018
Rice, D.M. *see* Cook, S.M. 112259
Rice, J.R. *see* Kim, S.-B. 113251
Rice, M., Slack, J., Humpherys, B., Pinck, D.S. K-band land-mobile satellite channel characterization using ACTS 109587
Rice, P. SS7 networks in a PCS world 109468
Rice, P., Hoinville, J.R. Spatial correlation between magnetic force microscope images and recording head output 115670
Rice, P., Russek, S.E., Haines, B. Magnetic imaging reference sample 115830
Rice, R.E. *see* Kraut, R.E. 67695
Rich, D. *see* Wang, L. 89881
Rich, D.A. *see* Norsworthy, S.R. 104630
Rich, D.H., Lin, H.T., Konkar, A., Chen, P., Madhukar, A. Time-resolved cathodoluminescence study of carrier relaxation in GaAs/AlGaAs layers grown on a patterned GaAs(001) substrate 94494
Rich, D.H. *see* Lin, H.T. 62946
Rich, D.H. *see* Lin, H.T. 75721
Rich, D.H. *see* Lin, H.T. 106970
Rich, J. *see* Cribier, M. 110538
Rich, T.L. *see* Kizilyalli, I.C. 114875
Richard, A. *see* Artiges, J.C. 90128
Richard, A. *see* Artiges, J.C. 100960
Richard, C., Guyomar, D., Eyraud, L. Influence of the stress-transfer on the dynamic properties of the 2.2 PZT-polymer composites 101598
Richard, C. *see* Aurelle, N. 101600
Richard, C. *see* Durris, L. 101596
Richard, C. *see* Roche, D. 100392
Richard, D. *see* Boury, X.C. 72488
Richard, E. *see* de Murcia, M. 62708
Richard, E. *see* de Murcia, M. 62709
Richard, J. *see* Rolland, A. 105967
Richard, J. *see* Vincent, N. 111207
Richard, N., Duffeau, F., Leger, A.C., Szylowicz, N. Computation of forces and stresses on generator end windings using a 3D finite element method 71289
Richard, N. *see* Plantive, E. 121462
Richard, S., Sims, F., Mahalanobis, A., Kumar, B.V.K.V. Evaluation of generalized distance classifier filters for multi-class automatic target recognition 98209
Richards, A., De Silva, R., Seneviratne, A., Fry, M., Fladenmuller, A. The performance of configurable protocols 98456
Richards, A., Seneviratne, A., Fry, M. Evaluating run-time protocol synthesis 77754
Richards, D. Requirements analysis for library accounting systems 109151
Richards, D. *see* Wagner, J. 62985
Richards, E.P. *see* Walter, C. 60513
Richards, E.P., III *see* Walter, C. 112814
Richards, G. *see* Cox, M.E. 79082
Richards, G.G. *see* Akpinar, K. 91819
Richards, G.W. *see* Cloonan, T.J. 99027
Richards, G.W. *see* Lentine, A.L. 99018
Richards, J. *see* Gallagher, D. 114525
Richards, J. *see* McInnes, A. 75890
Richards, J.A. *see* Xiuping Jia 87112
Richards, J.P. Credanet–advanced electric heating control 82000
Richards, M.T., Jones, R.D., Swain, M.A. Doppler tomography and S-wave analysis of circumstellar gas in β Persei 67159
Richards, P.L. *see* Lee, A.T. 106701
Richards, P.M., Persinger, M.A., Koren, S.A. Modification of semantic memory in normal subjects by application across the temporal lobes of a weak (1 microT) magnetic field structure that promotes long-term potentiation in hippocampal slices 90632
Richards, P.R. *see* Ensell, G. 79298
Richards, R.K. *see* Hutchinson, D.P. 69137
Richardson, A., Olbrich, T., Liberali, V., Maloberti, F. Design-for-test strategies for analogue and mixed-signal integrated circuits 93607
Richardson, A. *see* Olbrich, T. 61850
Richardson, A.M.D. *see* Olbrich, T. 84668
Richardson, A.M.D. *see* Olbrich, T. 88975
Richardson, A.M.D. *see* Olbrich, T. 95222
Richardson, A.S. Performance requirements for vibration dampers 91193
Richardson, C., Salinas, R.A., Abidi, M.A. Dynamic adjustment of regularization parameters for the fusion of edge features and noisy dense surfaces 66978
Richardson, C. *see* Alberto Salinas, R. 67403
Richardson, C. *see* Salinas, R. 77541
Richardson, D. From the ground up: lessons from using a community development approach to build the Wellington County FreeSpace Community Network in Ontario, Canada 118349
Richardson, D. *see* Schwartzenberg, J.W. 75729
Richardson, D. *see* Teale, P. 101299
Richardson, D.J., Dong, L., Chamberlin, R.P., Ellis, A.D., Widdowson, T., Pender, W.A. Periodically amplified transmission system based on loss compensating dispersion decreasing fibre 68365
Richardson, I.E.G., Riley, M.J. Varying slice size to improve error tolerance of MPEG video 86583
Richardson, I.E.G. *see* Riley, M.J. 119465
Richardson, J., Bezanov, G.J., Hashem, G.M. Optimal PWM waveform modelling for on-line AC drive control 122004
Richardson, J., Llewellyn-Rees, G.J.J. Switched-mode power supply using ferrite-cored transformer 102831
Richardson, J. *see* Bracey, M. 73481
Richardson, J. *see* Hughes, J.B. 73543
Richardson, J.B., Gowdy, J. LPC-synthesis mixture: a low computational cost speech enhancement algorithm 108193
Richardson, J.T. *see* Lin Sychyi 75331
Richardson, K.A. *see* McKinley, J.M. 75390
Richardson, M., Grantham, S., Gabel, K., Shimkaveg, G., Beaud, P. A 10 terawatt femtosecond laser plasma facility 85430
Richardson, M. *see* Delfyett, P.J. 96231
Richardson, M.C., Grantham, S.E., Eichenholz, J.M., Gabel, K. Extension of femtosecond Cr:LiSAF systems to the 100 TW level 96234
Richardson, P.D. *see* Motamedi, M.E. 100116
Richardson, P.G. Relationships between DPCA and adaptive space time processing techniques for clutter suppression 68587
Richardson, P.G. *see* Fenwick, A.J. 70591
Richardson, R.N. *see* Beduz, C. 81919
Richardson, R.T. *see* Hepburn, D.M. 84707
Richardson, R.T. *see* Webber, W.R.S. 80407
Richardson, T. *see* Weaver, M.S. 75753
Richardson, T.J. *see* Doeff, M.M. 121842
Richardson, T.J. *see* Wen, S.J. 81712
Riche-Magnier, M. Technologies, education and training: progressing together 112775
Richeboeuf, L. *see* Doussiet, F. 107052
Richer, I. *see* Fuller, B. 67794
Richer, I. *see* Hudek, C.C. 88576
Richeri, G. *see* Bianchi, A. *(editor)* 72046
Richert, R. A simple current-to-voltage interface for dielectric relaxation measurements in the range 10^{-3} to 10^{7} Hz 119837
Richerzhagen, B., Delacretaz, G., Salathe, R.P. Complete model to simulate the thermal defocusing of a laser beam focused in water 116600
Richey, D.M., Joseph, A.J., Cressler, J.D., Jaeger, R.C. Evidence for nonequilibrium base transport in Si and SiGe bipolar transistors at cryogenic temperatures 63635
Richey, D.M., Joseph, A.J., Cressler, J.D., Jaeger, R.C. Evidence for non-equilibrium base transport in Si and SiGe bipolar transistors at cryogenic temperatures 74708
Richey, D.M. *see* Joseph, A.J. 63617
Richey, D.M. *see* Joseph, A.J. 94921
Richey, R. *see* Cates, R. 91605
Richharia, M. Inmarsat space segment 109602
Richie, J.E. *see* Beshir, K.I. 65775
Richie, S.M. *see* Hachigo, A. 106449
Richier, C. *see* Nikolaidis, T. 115322
Richier, R. *see* Deumie, C. 116185
Richin, P. *see* Bibey, M.B. 96296
Richling, K.G. *see* Goertzen, B.J. 84960
Richman, B.A., Krumbuegel, M.A., Trebino, R. Second-harmonic generation FROG measurements on a mid-IR free-electron laser 96725
Richman, B.A. *see* Crosson, E.R. 96487
Richman, E.E., Dittmer, A.L., Keller, J.M. Field analysis of occupancy sensor operation: parameters affecting lighting energy savings 71879
Richman, R.H. Failures of planar solder joints in photovoltaic solar-cell assemblies 102972
Richmond, A. Enticing online shoppers to buy–a human behavior study 77966
Richmond, C.D. PDF's, confidence regions, and relevant statistics for a class of sample covariance-based array processors 77040
Richmond, C.D. A note on non-Gaussian adaptive array detection and signal parameter estimation 97667
Richmond, G.L. *see* Gragson, D.E. 107217
Richmond, M.G. *see* Chyan, O. 112298
Richmond, R. *see* Overbeck, J.A. 70574
Richner, J. *see* Barth, J. 99047
Richomme, F., Teillet, J., Fnidiki, A., Auric, P., Houdy, P. Experimental study of the structural and magnetic properties of Fe/Tb multilayers 95360
Richomme, M. *see* Wurtz, F. 102716
Richon, J. Designing an open e-mail interface to a data archive 77907
Richstein, J.K. *see* Pieper, R.J. 67068
Richter, A. *see* Jie Hao 92204
Richter, A. *see* Lienau, C. 85479
Richter, A. *see* Lienau, Ch. 116541
Richter, A. *see* Schlott, V. 79831
Richter, B. *see* Dengler, K. 81167
Richter, C.A., Seiler, D.G., Pellegrino, J.G. Mesoscopic conductance fluctuations in large devices 62881
Richter, C.A., Seiler, D.G., Pellegrino, J.G. Quantum conductance fluctuations in the large-size-scale regime 74422
Richter, C.A. *see* Dura, J.A. 95062
Richter, C.M. *see* Costa, M.H. 101367
Richter, D. *see* Burgett, W. 79856
Richter, F. *see* Erlebach, A. 110572
Richter, F. *see* Vogt, F. 106211
Richter, F.E. *see* Sarma, D.H.R. 91922
Richter, G. *see* Kastner, J.F. 96318
Richter, H., Florjancic, M., Heck, W., Schleeh, T., Lohnert, A. Flip-chip integration in standard SMT assembling processes 112906
Richter, H. *see* Al-Allak, H.M. 81886
Richter, H. *see* Ferling, D. 62514
Richter, H. *see* Loginov, Y.Y. 102988
Richter, H.H., Wolff, A., Blum, K., Hoeppner, K., Kruger, D., Sorge, R. Damage to Si substrates during SiO_2 etching: opportunities of subsequent removal by optimized cleaning procedures 63325
Richter, H.J., Veitch, R.J. A reconsideration of length loss effects 106502
Richter, H.J., Veitch, R.J. MP tape for high density digital recording 106606
Richter, K., Ullmo, D., Jalabert, R.A. Smooth-disorder effects in ballistic microstructures 105280
Richter, K. *see* Lutjering, G. 105420
Richter, K.R. *see* Alotto, P. 64571
Richter, K.R. *see* Biro, O. 65670
Richter, K.R. *see* Biro, O. 107778
Richter, K.R. *see* Groiss, S. 62190
Richter, K.R. *see* Groiss, S. 93748

Richter, K.R. *see* Huber, C.J. 107722
Richter, K.R. *see* Preis, K. 65691
Richter, P.I., Peczeli, I., Borocz, S., Gazdag, L., Leonelli, J., Dolash, T. Field calibration and sensitivity analysis of coherent infrared differential absorption lidars 111212
Richter, P.Von *see* Von Richter, P.
Richter, R. Atmospheric correction of satellite data with haze removal including a haze/clear transition region 80601
Richter, R. Atmospheric correction of DAIS hyperspectral image data 108402
Richter, R. *see* Akesson, T. 69833
Richter, R. *see* Bertuccio, G. 110555
Richter, R. *see* Bocchetta, C.J. 79809
Richter, R. *see* Brauninger, H. 90702
Richter, R. *see* Hartmann, R. 110541
Richter, R. *see* Lechner, P. 110554
Richter, R. *see* Soltau, H. 110553
Richter, R.H., Andricek, L., Gebhart, T., Hauff, D., Kemmer, J., Lutz, G., Weiss, R., Rolf, A. Strip detector design for ATLAS and HERA-B using two-dimensional device simulation 110564
Richter, R.H. *see* Abt, I. 80025
Richter, R.H. *see* Abt, I. 100825
Richter, R.H. *see* Cesura, G. 110581
Richter, R.H. *see* Goessling, C. 110549
Richter, R.H. *see* Wunstorf, R. 110550
Richter, S. The induction machine with direct stator flux and torque control 91528
Richter, S. *see* Chernyak, L. 105107
Richter, S. *see* Schaefer, M. 65185
Richter, T. *see* Hessel, V. 106268
Richter, U. *see* Ledentsov, N.N. 62870
Richter, W., Zettler, J.-T. Real-time analysis of III-V-semiconductor epitaxial growth 104023
Richter, W. *see* Ducke, E. 105711
Richter, W. *see* Esser, N. 72798
Richter, W. *see* Fissel, A. 103985
Richter, W. *see* Frotscher, U. 94250
Richter, W. *see* Knorr, K. 103907
Richter, W. *see* Laux, S. 107467
Richter, W. *see* Zorn, M. 105147
Richy, C. *see* Schwob, C. 76204
Rick, A., Herfet, T., Prange, S.J. Digital color decoder for PIP-applications 109276
Ricka, J. *see* Rovati, L. 101088
Rickard, D.A., Harid, N., Waters, R.T. Modelling of corona at a high-voltage conductor under double exponential and oscillatory impulses 111653
Rickard, R.P., Wainman, P.A., David, M.J. Adaptive antenna for scanning telemetry 76660
Rickel, D.G. *see* Campbell, L.J. 96970
Ricken, C. The 4:2:2 Profile of MPEG-2: an ISO/IEC standard for image data reduction in the production area 98061
Ricker, B. *see* Tsai, M.C. 88700
Ricker, M.W. Metallographic techniques for electronic packaging applications 92197
Rickert, J., Weiss, T., Kraas, W., Jung, G., Gopel, W. A new affinity biosensor: self-assembled thiols as selective monolayer coatings of quartz crystal microbalances 79569
Ricketts, B.W. *see* Hilton, A.D. 64088
Ricketts, I.W. *see* Stamatakis, E.A. 80330
Rickey, D.W., Fenster, A. Evaluation of an automated real-time spectral analysis technique 70039
Rickey, D.W., Fenster, A. A Doppler ultrasound clutter phantom 110673
Rickey, F.A. *see* Mueller, K.A. 79787
Ricklin, J.C. *see* Vorontsov, M.A. 90806
Rickman, D.L. *see* Massof, R.W. 90619
Rickman, R., Stonham, J. Content-based image retrieval using colour tuple histograms 66918
Rickne, A., Jacobsson, S. New technology-based firms–an exploratory study of technology exploitation and industrial renewal 72152
Ricks, J. *see* Carey, D. 94149
Rickwood, D.H. *see* James, M. 81728
Rico, F.S. *see* Xia, H.H. 68080
Rico, J.J., Acha, E., Miller, T.J.E. Harmonic domain modelling of three phase thyristor-controlled reactors by means of switching vectors and discrete convolutions 91601
Rico, M. *see* Alonso, J.M. 122078
Rico, M. *see* Blanco, C. 71884
Rico-Melgoza, J.J. *see* Acha, E. 90928
Rico-Melgoza, J.J. *see* Tan, S.G. 91052
Ricolfi, T. *see* Battuello, M. 69187
Ricolji, T. *see* Marcarino, P. 119684
Ricotti, G. *see* Rossi, D. 73093
Ricou, R. *see* Konczewicz, L. 74174
Ridao, F.P. *see* Carrasco, J.M. 121695
Ridao-Rodriguez, P. *see* Fabregat-Gesa, R. 77576
Riddell, A.G., Manson, K. Parametrisation of domestic load profiles 111428
Riddell, C., Savi, A., Gilardi, M.C., Fazio, F. Fast reconstruction of truncated transmission SPECT data 101131
Riddell, C., Savi, A., Gilardi, M.C., Fazio, F. Frequency weighted least squares reconstruction of truncated transmission SPECT data 101289
Riddell, J., III *see* Zavaljevski, A. 66896
Ridder, A.C.De *see* De Ridder, A.C.
Ridder, J.de *see* de Ridder, J.
Ridder, M. *see* Geisler, A. 96562
Ridder, M. *see* Schmidt, T. 96471
Ridder, R.M.de *see* de Ridder, R.M.
Riddersma, E. *see* Vissers, K.A. 97910
Riddington, E.P., Wu, J., Ifeachor, E.C., Allen, E.M., Hudson, N.R. Intelligent enhancement and interpretation of EEG signals 70131
Ride, S. *see* Ting, A. 96478
Ridella, S. *see* Anguita, D. 66903
Ridenoure, B.P. *see* Froidevaux, L. 120781
Ridge, D. *see* Reschke, C. 109111
Ridge, D.J., McCanny, J.V. Spatio-temporal small object detection 98117
Ridgeway, D. *see* Goldberg, J. 61752
Ridgeway, R. *see* Langan, J. 82352
Ridgway, M. *see* Faith, M. 75531
Ridgway, M. *see* Leech, P.W. 75547
Ridgway, M.C., Kringhoi, P., Johnson, C.M. Electrical inactivation in Pb-implanted InP 74135
Ridgway, M.C. *see* Belay, K.B. 113353
Ridgway, M.C. *see* Belay, K.B. 113370
Ridgway, M.C. *see* Johnson, C.M. 95744
Ridgway, M.C. *see* Leech, P.W. 64767
Ridgway, P. New SLIC solutions as local access changes 118645
Ridgway, R., McGinniss, V., Andrus, P., Busch, J. Low-cost manufacturing techniques for passive integrated-optical devices 95782
Ridgway, R.W. *see* Boiarski, A.A. 100154
Riding, P. *see* Steeples, C. 78137
Ridky, J. *see* Ajinenko, I. 90197
Ridler, N.M., Medley, J.C. Improving the traceability of coaxial impedance measurements at lower RF in the UK 89462
Ridley, B.K. Remote-impurity scattering in AlInAs/GaInAs FETs 106081
Ridley, B.K. *see* Bishop, P.J. 74413
Ridley, J.N. *see* de Freitas, J.F.G. 102700
Ridley, J.N. *see* de Freitas, J.F.G. 111966
Ridley, K.D., Scott, A.M. Phase-locked phase conjugation using a Brillouin loop scheme to eliminate phase fluctuations 65493
Ridley, K.D. *see* Cook, G. 107511
Ridley, K.D. *see* Scott, A.M. 65447
Ridley, R.S., Brozek, T., Ruzyllo, J. The effect of carbon in silicon on oxidation kinetics and silicon dioxide integrity 63367
Riechert, H. *see* Siweris, H.J. 114309
Riechert, H. *see* Strauss, U. 83929
Riechert, H. *see* Tews, H. 116217
Riechmann, K., Knoepfle, K.T., Pugatch, V.M. Pion and proton induced radiation damage to silicon detectors 110548
Riechmann, K. *see* Abt, I. 80025
Riechmann, K. *see* Abt, I. 100825
Rieck, D.R. *see* Henebry, G.M. 111119
Riecke, H. *see* Muller, J. 104961
Rieckmann, C., Jostingmeier, A., Omar, A.S. Numerically efficient computation of a complete set of eigenfunctions in complex cavities 85927
Rieckmann, C., Jostingmeier, A., Omar, A.S. Application of the eigenmode transformation technique for the analysis of planar transmission lines 97234
Rieckmann, C. *see* Jostingmeier, A. 105027
Riede, W., Franck, J.B. Defect dominated 1.06 μm laser induced damage of anti-reflectance coatings designed for use at 1.3 μm 106920
Riede, W. *see* Klingenberg, H.H. 116688
Riedel, K.S. Adaptive smoothing of the log-spectrum with multiple tapering 77045
Riedel, S. *see* Weiss, C. 76780
Rieder, R.J. *see* Stair, A.T., Jr. 90796
Rieder, T. Flexible, multiprotocol radiopaging system 88294
Rieder, U. *see* Liebig, T. 103563
Rieder, W. *see* Hetzmannseder, E. 62425
Rieder, W.F., Salzmann, Q.R. A two-step procedure to evaluate contact compatibility of organic materials 104918
Rieder, W.F. *see* Gauster, E. 112149
Rieder, W.F. *see* Hetzmannseder, E. 104921
Riederer, S.J. *see* Yi Wang 101225
Riedi, P.C. *see* Kapusta, C. 64218
Riedi, P.C. *see* Thomson, T. 64379
Riedijk, F.R. *see* Fasoli, L.G. 119539
Riedle, E. *see* Sueptitz, M. 107221
Riedler, W. *see* Hua Zhao 111027
Riedler, W. *see* Koudelka, O. 99408
Riedmann, W. *see* Hotzl, H. 70296
Riedmuller, J. *see* Frohlich, R. 101407
Riedy, L.W., Walter, J.S. Effects of low charge injection densities on corrosion responses of pulsed 316LVM stainless steel electrodes [functional neuromuscular stimulation] 70235
Riege, H. *see* Geissler, K. 62648
Riege, S.P., Prybyla, J.A., Hunt, A.W. Influence of microstructure on electromigration dynamics in submicron Al interconnects: Real-time imaging 115019
Riegelhuth, G. *see* Philipps, P. 99317
Rieger, D.J. *see* Howard, A.J. 62470
Rieger, D.J. *see* Shul, R.J. 94782
Rieger, D.J. *see* Zolper, J.C. 83990
Rieger, E.S. *see* Hasslinger, G. 60792
Rieger, M. *see* Erbar, M. 104622
Rieger, M.M., Kohl, P.A. Microfabrication of silicon via photoetching 63347
Rieger, M.M. *see* Dudel, F.P. 116215
Rieger-Motzer, M. *see* Wang, Z.-G. 99476
Rieger-Motzer, M. *see* Wang, Z.-G. 119130
Rieger-Motzer, M. *see* Zhi-Gong Wang 73504
Riegler, M. Office communication at Isar-Amperwerke–client/server concept in practice 101780
Riehl, D. *see* Boilot, J.P. 75397
Riehl, D. *see* Levy, Y. 107543
Riehl, R.R. *see* Ruppert Filho, E. 102704
Riehl-Chudoba, M., Dupont, S., Jaussaud, C., Soukiassian, P. Promoted-passivation of the β-SiC(100) surface 63304
Riehle, F., Schnatz, H., Lipphardt, B., Zinner, G., Kersten, P., Helmcke, J. Optical frequency standard with laser cooled Ca atoms 96093
Riehle, F., Schnatz, H., Zinner, G., Zeiske, K., Lipphardt, B., Helmcke, J. Calcium optical frequency standard based on atom interferometry 68962
Rieke, G.H. *see* Bloemhof, E.E. 69255
Riekel, C. *see* Jark, W. 120243
Riekel, C. *see* Koch, A. 69320
Riekel, C. *see* Lagomarsino, S. 69896
Riel, G.K. *see* Cassata, J.R. 120555
Riele, H.J.J.te *see* te Riele, H.J.J.
Riemann, A. *see* Piatek, R. 99732
Riemenschneider, M. *see* Jendritza, D.J. 99931
Riemenschneider, R. *see* Dumka, D.C. 74470
Riemschneider, K.-R. *see* Kollmann, K. 62120
Riemslagh, K., Dick, E. A multigrid method with unstructured adaptive grids for steady Euler equations 61121
Rienen, U.V. *see* Krietenstein, B. 89661
Rienen, U.van *see* van Rienen, U.
Riensche, E., Stimming, U., Unverzagt, G. Optimization of gas processing for solid oxide fuel cell power plants 81367
Rienzo, M.Di *see* Di Rienzo, M.
Riep, J. *see* Guard, R. 111016
Ries, K. *see* Hindkaer, L. 111907
Ries, M.J. *see* Chen, E.I. 75929
Ries, M.J. *see* Evans, P.W. 75940
Ries, R. *see* Zengerle, R. 107263
Ries, W. *see* Sorli, I. 104955
Riescher, H. *see* Bischoff, C. 90465
Riese, M. *see* Rao, S. 78300
Rieseberg, H. *see* Mueller, U. 69711
Riesemberg, S. *see* Bromberg, A. 110233
Riesgo, T., de la Torre, E., Torroja, Y., Olias, E., Uceda, J. CAD in test 60568
Riesgo, T., Uceda, J. A fault model for VHDL descriptions at the register transfer level 113883
Riess, I. *see* Lyubomirsky, I. 94478
Riess, W. *see* Herold, M. 72967
Riess, W. *see* Meier, M. 75754
Riester, J.L. *see* Fang, R. 120167
Riesz, F. *see* Dozsa, L. 115151
Riet, M. *see* Pinatel, C. 93819
Rieta, C., Migliorato, P., Fortunato, G. Anomalous off-current mechanisms in poly-Si thin film transistors 63676
Rieth, B. *see* Hahne, P. 64467
Riethmuller, W. *see* Wenk, B. 74983
Riethmuller, W. *see* Wenk, B. 84664
Rietman, E. *see* Maynard, H. 63397
Rietman, E.A. A neural network model of a contact plasma etch process 63390
Rietman, E.A., Frye, R.C. A genetic algorithm for low variance control in semiconductor device manufacturing: some early results 63323
Rietman, E.A., Patel, S.H., Lory, E.R. Modeling and control of a semiconductor manufacturing process with an automata network: an example in plasma etch processing 60575
Rietman, E.A. *see* Maynard, H.L. 74598
Rietman, T.R. *see* Nelson, R.J. 70839
Rietveld, T. *see* van den Hauvel, H. 76863
Rietz, M. *see* Abt, I. 80025
Rietz, M. *see* Abt, I. 100825
Rife, J. *see* Campbell, A.N. 95137
Rife, J.C. *see* Kowalski, M.P. 85730
Riffard, T. *see* Durbec, V. 82819
Rifkin, W.D. Who is the expert? [technical presentation] 92086
Rifuggiato, D. *see* Bellia, G. 90238
Rifuggiato, D. *see* Bellia, G. 100996
Rigal, C. *see* Lenormand, R. 65986
Rigamonti, A. *see* Corti, M. 84770
Rigato, V. *see* Giorgis, F. 92841
Rigaudiere, F., Manderieux, N., Le Gargasson, J.-F., Guez, J.-E., Grall, Y. Electrophysiological exploration of visual function in mitochondrial diseases 70144
Rigby, B.S., Harley, R.G. An improved control scheme for solid state series reactance compensation 102047
Riggle, C. *see* Madey, G. 106137
Riggs, E. *see* DiMarco, D. 73357
Riggs, G., Hall, D.K., Salomonson, V.V. Recent progress in development of the Moderate Resolution Imaging Spectroradiometer snow cover algorithm and product 120812
Riggs, L.S. *see* Mooney, J.E. 117077
Riggs, R.J. *see* Street, A.J. 84927
Righi, E.F. *see* Lopez, D. 75323
Righi, G. *see* Rizzoli, V. 62218
Righi, M., Hoefer, W.J.R. Efficient hybrid TLM/mode matching analysis of packaged components 82210
Righini, F. *see* Cezairliyan, A. 119685
Righini, G. *see* Abbate, G. 75540
Righini, G. *see* Cappelli, E. 72916
Righini, G. *see* Colorni, A. 103700

Righini, G.C., Verciani, A., Pelli, S., Guglielmi, M., Martucci, A., Fick, J., Vitrant, G. Sol-gel glasses for nonlinear optics 115980
Righini, G.C. *see* Afonso, C.N. 92865
Righini, G.C. *see* Baldacchini, G. 95942
Righini, G.C. *see* Fick, J. 76221
Righini, G.C. *see* Forastiere, M.A. 95804
Righini, P. *see* Di Capua, E. 110598
Rigneault, H. *see* Flory, F. 106918
Rigneault, H. *see* Monneret, S. 110404
Rigney, M. *see* Honig, A. 120094
Rignot, E. Dual-frequency interferometric SAR observations of a tropical rain-forest 90840
Rigny, A., Ramus, C., Bruno, A., Rafle, Y., Sik, H., Post, G., Carre, M., Carenco, A. Taper-assisted polarisation compensation in efficiently fibre-coupled InP demultiplexer 119132
Rigo, C., Cacciatore, C., Campi, D., Coriasso, C., Soldani, D., Stano, A. Growth and realization of InGaAs/InP and InGaAs/InGaAsP quantum photonic devices grown by chemical beam epitaxy 61268
Rigo, C., Madella, M., Papuzza, C., Cacciatore, C., Stano, A., Gasparotto, A., Salviati, G., Nasi, L. InP:Fe semi-insulating layers by chemical beam epitaxy 103951
Rigo, C., Vincenzoni, R., Stano, A., De Franceschi, R. Chemical beam epitaxy on patterned substrates of InGaAs/InP heterostructures for optoelectronics and nanostructures applications 103937
Rigo, S. *see* Baumvol, I.J.R. 63284
Rigo, S. *see* Baumvol, I.J.R. 114958
Rigo, S. *see* Baumvol, I.J.R. 114969
Rigo, S. *see* Baumvol, I.J.R. 114970
Rigoland, P., Drissi, M., Terret, C., Gadenne, P. Power divider topologies applied to antenna synthesis 76668
Rigoland, P. *see* Edimo, M. 66146
Rigole, P.-J. *see* Blumenthal, D.J. 78697
Rigole, P.-J. *see* Shell, M. 109661
Rigos, A. *see* Ning Zhu 101877
Rigotti, M. *see* Cattaneo, G. 85535
Rigstad, P. *see* Dobson, K. 86091
Riha, G. *see* Machui, J. 109382
Rihaczek, A.W. Radar resolution of ideal point scatterers 68626
Rihaczek, A.W., Hershkowitz, S.J. Man-made target backscattering behavior: applicability of conventional radar resolution theory 68554
Rihong Zhu *see* Jinbang Chen 119903
Rihter, D. *see* Baldin, A.M. 90061
Riihiaho, J. *see* Lindfors, S. 93519
Riihiaho, J. *see* Lipasti, L. 99802
Riihisaari, T. *see* Tarvainen, E. 93870
Riihola, P., Ozols, A., Salminen, O., Ketolainen, P. Spectral dependence of holographic grating formation in electrolytically coloured potassium bromide crystals 76305
Riise, A.B. *see* Johansen, T.H. 115849
Rijanto, H. *see* Massee, P. 102257
Rijanto, H. *see* Meng, X.Z. 104315
Rijavec, N. *see* Poore, A.B. 97813
Rijiang Zhu *see* Zhu Rijiang
Rijk, G.de *see* de Rijk, G.
Rijk, P.P.van *see* van Rijk, P.P.
Rijllart, A. *see* Benvenuti, C. 110483
Rijllart, A. *see* Dhawan, S.K. 79986
Rijllart, A. *see* Rodriguez-Mateos, F. 90046
Rijmen, V., Daemen, J., Preneel, B., Bosselaers, A., De Win, E. The cipher SHARK 66508
Rijnders, J.M., van Bochove, A.C. All optical signal processing based on biphase pulse coding 77333
Rijnders, N.M., Van Bochove, A.C. Novel optically transparent add/drop node for use in high-speed packet-switched networks 78319
Rijns, J.J.F. CMOS low-distortion high-frequency variable-gain amplifier 73129
Rijssenbeek, M. *see* Adams, M. 110591
Rikalo, I. *see* Kezunovic, M. 70826
Rikalo, I. *see* Kezunovic, M. 102924
Rikalo, I. *see* Kezunovic, M. 121142
Rikanos, I.T., Tsiboukis, T.D. A parallel solution method for finite elements based on Hopfield neural network, an application to an eddy current problem 96952
Rikino, K. *see* Yano, K. 61854
Rikken, G.L.J.A. *see* Zeman, J. 94252
Rikkinen, K. *see* Westman, T. 109266
Rikokawa, M. *see* Katagiri, Y. 76244
Rikukawa, N. *see* Abe, H. 76246
Rikvold, P.A. *see* Sides, S.W. 84777
Riley, B. *see* Hanson, T. 97359
Riley, C.D., Jewell, G.W., Howe, D. Finite element modeling of powder aligning and multipole magnetizing systems for anisotropic bonded permanent magnets 75143
Riley, D.J. *see* Peter, L.M. 94256
Riley, D.J. *see* Peter, L.M. 94270
Riley, G.N., Jr. *see* Malozemoff, A.P. 64506
Riley, J., Wolfframm, D., Westwood, D., Evans, A. Studies in the growth of ZnSe on GaAs(001) 61227
Riley, L.H., III *see* Rohlmann, A. 101068
Riley, M.J., Richardson, I.E.G. Quality of service issues for MPEG-2 video over ATM 119465
Riley, M.J. *see* Richardson, I.E.G. 86583
Riley, P. ALARP and BATNEEC: the synergy of legal regulation and system engineering 121290
Riley, V. What avionics engineers should know about pilots and automation 70340
Riley, V. What avionics engineers should know about pilots and automation 70371
Riley, W.A. *see* Chambless, L.E. 90468
Rille, A.Le *see* Le Rille, A.
Rillero, P. *see* Cleland, J. 98866
Rim, G.H. *see* Cho, J.G. 121626
Rim, H.-J., Schutz, B.E., Tapley, B.D. GPS precise orbit determination for wide area differential GPS 79073
Rim, H.J. *see* Kuang, D. 99694
Rim, J. *see* Han, L.K. 63721
Rim Choi Jun *see* Jun Rim Choi
Rim Chong Suck *see* Chong Suck Rim
Rim Geun-Hie *see* Geun-Hie Rim
Rim Kim Hye *see* Hye Rim Kim
Rim Seong Jeong *see* Seong Jeong Rim
Rimac-Drlje, S., Rupcic, S. The rain attenuation influences on M-ary QAM and dual polarized QAM systems 78353
Rimai, L., Ager, R., Hangas, J., Samman, A. Growth of epitaxially oriented silicon carbide on silicon by laser ablation of carbon targets and the structure of the silicon-silicon carbide interface 104039
Rimeika, R. *see* Ciplys, D. 85163
Rimmer, R. *see* Johnson, J. 100690
Rimmer, R. *see* Pendleton, R. 100685
Rimmer, R.A., Allen, M.A., Saba, J., Schwarz, H., Belser, F.C., Berger, D.D., Franks, R.M. Development of a high-power RF cavity for the PEP-II B factory 100661
Rimmer, R.A. *see* Goldberg, D.A. 100667
Rimmer, R.A. *see* Neubauer, M. 100686
Rimoldi, A. *see* Autiero, D. 80006
Rimoldi, B. *see* Grant, A. 66464
Rin Chul Kim *see* Choong Soo Park 97434
Rin Kim Hoi *see* Hoi Rin Kim
Rinaldi, M. *see* Basile, G. 70384
Rinaldi, M. *see* Basile, G. 111059
Rinaldi, N. *see* Bellone, S. 84462
Rinaldi, N.F. All-injection modeling of collector current and transit time in SiGe bipolar transistors 84355
Rinaldi, N.F. Fast and simple method for calculating the minority-carrier current in arbitrarily doped semiconductors 94879
Rinaldi, N.F. Modeling of minority-carrier transport in semiconductor regions with position-dependent material parameters at arbitrary injection levels 94909
Rinaldi, P. *see* Torcolacci, D. 114300
Rinaldi, R., Cingolani, R., DeCaro, L., Lomascolo, M., DiDio, M., Tapfer, L., Marti, U., Reinhart, F.K. Optical spectroscopy of InGaAs/GaAs V-shaped quantum wires 62941
Rinaldi, R. *see* Calcagnile, L. 74378
Rinaldi, R. *see* Cingolani, R. 63031
Rinaldi, R. *see* Cingolani, R. 94505
Rinaldi, R. *see* Di Dio, M. 83945
Rinaldi, R. *see* Molinari, E. 62916
Rinaldi, R. *see* Rossi, F. 62979
Rinaldo, R. *see* Calvagno, G. 86565
Rinard, P.M. *see* Qiao Shengzhong 69817
Rinaudo, O., Zimmer, T., Limtouch, S., Bourgoin, G., Lalande, P. SPICE data base for neutron (1 MeV) radiation hardening design: permanent damage effects simulation of bipolar transistors 105915
Rinck, P.A. *see* Sebastiani, G. 80265
Rinckel, T. *see* Crandell, D.A. 100780
Rinckel, T. *see* Jacobsen, E.R. 69762
Rinckel, T. *see* Phelps, R.A. 119990
Rinckel, T. *see* Wise, T. 120082
Rincon, A.M., Trick, M., Guzowski, T. A proven methodology for designing one-million-gate ASICs 104514
Rincon, A.M. *see* Engel, J.J. 115326
Rincon, C. *see* Wasim, S.M. 114666
Rincon, R. *see* Saiz-Pardo, R. 63092
Rincon, R.F., Bidwell, S.W., Jameson, A.R., Thiele, O.W. A multi-frequency, dual-polarization, microwave link for rainfall estimation 111188
Rindi, A. *see* Bulfone, D. 76053
Rindi, A. *see* Walker, R.P. 96521
Rindos, A., Woolet, S., Cosby, D., Glekas, J., Hunter, S., Vouk, M. ATM-to-the-desktop: its position and advantages in emerging networks 109141
Rindos, A., Woolet, S., Cosby, D., Hango, L., Vouk, M. Factors influencing ATM adapter throughput 87298
Rindos, A., Woolet, S., Nicholson, L., Vouk, M. A performance evaluation of emerging Ethernet technologies: switched/high-speed/full-duplex Ethernet and Ethernet LAN emulation over ATM 109038
Ring, J. *see* Benton, R. 86259
Ring, K.M. *see* Morgan, B.A. 63122
Ring, S.R. Complete SAR system simulation and image processor development using software tools 68668
Ring, W.S., Lage, H., Taylor, A.J., Smith, I.S., Ash, R.M. Optimization of highly efficient uncoated strained 1300-nm InGaAsP MQW lasers for uncooled high-temperature operation 85476
Ring, Z. *see* Mantei, T.D. 72868
Ringach, D.L. *see* Sapiro, G. 108544
Ringach, D.L. *see* Sapiro, G. 117851
Ringbom, A., Tibell, G., Zorro, R., Blomgren, J., Conde, H., Elmgren, K., Hultqvist, S., Nilsson, J., Olsson, N., Fahlander, C., Nilsson, L., Nyberg, J., Reistad, D., Renberg, P.U., Westerberg, L., Likar, A., Wender, S. A facility for studies of giant multipole resonances by fast heavy-ion scattering 69874
Ringbom, A., Tibell, G., Zorro, R., Blomgren, J., Conde, H., Elmgren, K., Hultqvist, S., Nilsson, J., Olsson, N., Fahlander, C., Nilsson, L., Nyberg, J., Reistad, D., Renberg, P.U., Westerberg, L., Likar, A., Wender, S. Studies of giant resonances by heavy ion scattering at a few hundred MeV/nucleon 80134
Ringeissen, C. Combining decision algorithms for matching in the union of disjoint equational theories 72441
Ringel, G., Schmitt, D.R., Kratz, F. Development of calibration standards for roughness measurements on supersmooth surfaces 79221
Ringel, G. *see* Kratz, F. 79342
Ringel, S.A. *see* Chatterjee, B. 71708
Ringel, S.A. *see* Chatterjee, B. 94679
Ringel, S.A. *see* Grillot, P.N. 105246
Ringel, S.A. *see* Sacks, R.N. 82675
Ringer, S. *see* Zimmerman, S.M. 110645
Ringh, U. *see* Jansson, C. 69303
Ringh, U. *see* Liddiard, K.C. 69298
Ringhandt, A. *see* Kruger, B. 84020
Ringhofer, C.A. *see* Gobbert, M.K. 63893
Ringhofer, C.A. *see* Gobbert, M.K. 113419
Ringhofer, K.H. *see* McClelland, T.E. 116729
Ringhofer, K.H. *see* Mann, M. 85575
Ringl, H. *see* Rubin, G.D. 90324
Ringling, J., Kittelmann, O., Korn, G., Nazarkin, A. Generation of widely tunable femtosecond light pulses in the VUV spectral range 96723
Ringling, J. *see* Kittelmann, O. 96661
Ringoot, E. *see* Truzzi, C. 62531
Ringoot, E. *see* Truzzi, C. 73908
Ringwall, A.D. *see* Swenson, D.A. 79920
Rink, J. *see* Knoop, M. 79224
Rinker, M. *see* Fay, B. 70558
Rinker, M. *see* Fay, B. 101584
Rinkevich, A.B. Jumps of the electromagnetic wave amplitude under the action of the current pulses 93663
Rinkevichius, B.S. Doppler effect in optical velocimetry 110454
Rinkevichyus, B.S. *see* Burenkov, Yu.A. 79291
Rinnan, A., Strand, A., Mathisen, G.H., Ofstad, A.E., Sorensen, J.S. A DGPS system for precise positioning in hydrographic surveying 90737
Rinne, G.A. *see* Magill, P.A. 60652
Rinne, G.A. *see* Magill, P.A. 94118
Rinne, J. An equalization method using preliminary decisions for orthogonal frequency division multiplexing systems in channels with frequency selective fading 117957
Rinne, J., Grundstrom, M., Renfors, M. Effect of channel distortions on digital HDTV-system using frequency domain MR-OFDM 68886
Rinne, J., Renfors, M. An improved equalizing scheme for orthogonal frequency division multiplexing systems for time-variant channels 78511
Rinne, J., Renfors, M. OFDM/MQAM signaling in the presence of slowly varying phase error 98372
Rinnert, H., Vergnat, M., Marchal, G., Burneau, A. Densification of amorphous silicon prepared by hydrogen-ion-beam-assisted evaporation 104115
Rinnert, H. *see* Hadj Zoubir, N. 92859
Rinolfi, L. Computational tools for accelerator design 69590
Rinolfi, L. *see* Bossart, R. 89668
Rintamaki, J. *see* Deadrick, F.J. 100567
Rintamaki, J.I. *see* Hochman, J.M. 69655
Rintamaki, J.I. *see* Walter, M.T. 62634
Rintamaki, J.I. *see* Walter, M.T. 105063
Rio, A.del *see* del Rio, A.
Rio, J.-M.Del *see* Del Rio, J.-M.
Rio, J.E.Fernandez del *see* Fernandez del Rio, J.E.
Rio, M.A.del *see* del Rio, M.A.
Rioja, M. *see* Massi, M. 68823
Riolo, R.L., Line, M.P. Automatic discovery of classification and estimation algorithms for Earth-observation satellite imagery 70548
Riondet, Ph. *see* Bouzidi, F. 114186
Riordan, V. *see* Qiuming Zhu 87183
Rios, M. *see* Plata, A.M. 111680
Rios, R. *see* Arora, N.D. 63930
Rios, R. *see* Arora, N.D. 84421
Rios, R. *see* Khalil, N. 84412
Rios, R.A. *see* Cheng-Liang Huang 63740
Rios, S. *see* Bara, S. 100308
Rios, S. *see* Rebolledo, R. 103156
Rios M., S., Castaneda P., R. Newton-Raphson probabilistic harmonic power flow through Monte Carlo simulation 101796
Rios M., S., Lof, P.-A., Milic B., S., Tapia M., H. Experiences of voltage collapse assessment for large longitudinal power systems 101960
Rioual, M. *see* Grison, P. 91587
Rioual, P., Pouliquen, H., Louis, J.-P. Regulation of a PWM rectifier in the unbalanced network state using a generalized model 71493
Rioublanc, J. *see* Blondy, J.M. 64705
Rioublanc, J. *see* Katcharov, N. 64709
Rioux-Damidau, F. *see* Chemkha, H. 107789
Rioux-Damidau, F. *see* Djennah, M. 107785
Rioux-Damidau, F. *see* El Ouazzani, Y. 65639

Rioux-Damidau, F. *see* Ouldkhal, A. 70051
Ripamonti, G. *see* Geraci, A. 69888
Ripamonti, G. *see* Geraci, A. 100923
Ripamonti, G. *see* Pullia, A. 90235
Ripamonti, G. *see* Pullia, A. 100932
Ripin, D.J. *see* Goldberg, L. 75447
Riping Liao *see* Liao Riping
Ripka, P. Alternating current-excited magnetoresistive sensor 69104
Ripka, P., Kejik, P., Kaspar, P., Draxler, K. Precise DC current sensors 119654
Ripoll, J.O. *see* Fernandez, M.C. 121662
Ripouteau, F. *see* Duval, M. 90060
Rippert, E.D., Song, S.N., Thomas, C., Lomatch, S., Maglic, S.R., Ulmer, M., Ketterson, J.B. Intrinsically damped multilayered (stacked) Nb/Al-AlN$_x$/Nb superconducting tunnel junctions 64561
Rippon, S. Electronic document management at Sizewell B 111723
Riquel, G. *see* Gutman, I. 102221
Riquelme, J. *see* Gordillo, F. 101835
Riris, H., Carlisle, C.B., McMillen, D.F., Cooper, D.E. Explosives detection with a frequency modulation spectrometer 110429
Riris, H., Carlisle, C.B., Warren, R.E., Cooper, D.E., Martinelli, R.U., Menna, R.J., York, P.K., Garbuzov, D.Z., Lee, H., Abeles, J.H., Morris, N., Connolly, J.C., Narayan, S.Y. Signal processing strategies in tunable diode laser spectrometers 97878
Riris, H. *see* Carlisle, C.B. 96859
Riris, H. *see* Cooper, D.E. 69097
Rirukawa, M. *see* Abe, H. 85633
Risch, G. *see* Mulvihill, M.L. 92660
Risch, K. Berlin low-floor tram car type GT 6-94 112482
Risch, L. Nanoelectronics: the key technology of the 21st century 115303
Risch, L., Krautschneider, W.H., Hofmann, F., Schafer, H. Vertical MOS transistors with 70 nm channel length 84407
Risch, L., Krautschneider, W.H., Hofmann, F., Schafer, H., Aeugle, T., Rosner, W. Vertical MOS transistors with 70 nm channel length 105957
Risch, L. *see* Hofmann, F. 63673
Riseman, E. *see* Ravela, S. 77324
Riseman, E.M., Hanson, A.R., Collins, R., Draper, B., Weiss, R. Progress in computer vision at the University of Massachusetts 67470
Riseman, E.M. *see* Cheng, Y.-Q. 86498
Riseman, E.M. *see* Manmatha, R. 86432
Riseman, E.M. *see* Ravela, S. 67244
Riseman, E.M. *see* Yong-Qing Cheng 77313
Rishton, S.A. *see* Chang, T.H.P. 114548
Rishton, S.A. *see* Kratschmer, E. 76349
Risinger, V. *see* Spurlin, C. 61992
Risino, A.J. *see* Alghamdi, A.S.G. 84705
Risk, W.P. Phase-matching characteristics of periodically-poled KTP 96685
Risk, W.P., Loiacono, G.M. Periodic poling and waveguide frequency doubling in RbTiOAsO$_4$ 85670
Risk, W.P. *see* Tuschel, D.D. 95754
Riski, K. *see* Abramova, L. 88898
Riskin, E.A. *see* Jaisimha, M.Y. 66886
Risko, V.J. *see* Sharp, D.L.M. 82116
Risman, P.O. *see* Ryynanen, S. 64023
Rismantab-Sany, J. Another look at the single wheel derailment criteria 91842
Rison, W. *see* Krehbiel, P. 90777
Rispoli, K. *see* Chrusciel, R.W. 82241
Rissanen, J. *see* Forchhammer, S. 77491
Risselada, T. *see* Scandale, W. 89825
Rissiek, W. *see* Woizeschke, H. 73870
Rist, S. Euro-ISDN: What protocol? 98791
Ristanovic, Z. *see* Bekut, D. 112027
Ristau, D., Niederwald, H., Erdelyi, D., Meja, P., Giesen, A., Plass, W., Krupka, R., Kennedy, M., Oertel, E., Lu, Z., Le, T.V., Lee, K.M., Reedy, H.E., Scatena, D., Ellis, N., Greening, D. Round robin test on optical absorption at 10.6 µm 107433
Ristau, D. *see* Eva, E. 107471
Ristau, D. *see* Eva, E. 116187
Ristau, D. *see* Henking, R. 61384
Ristau, D. *see* Kennedy, M. 107094
Ristau, R.A. *see* Barmak, K. 64294
Ristein, J. *see* Stockel, R. 72921
Ristic, B., Boashash, B. Instantaneous frequency estimation of quadratic and cubic FM signals using the cross polynomial Wigner-Ville distribution 76983
Ristic, G., Golubovic, S., Pejovic, M. Sensitivity and fading of pMOS dosimeters with thick gate oxide 80141
Ristic, G. *see* Jaksic, A. 94990
Ristic, S.D. *see* Prijic, Z.D. 63547
Ristic, S.D. *see* Trajkovic, A.P. 63548
Ristinen, R.A. *see* Smith, G.R. 120229
Ristori, L. *see* Belforte, S. 90230
Ristori, L. *see* Belforte, S. 100984
Ristovski, Z.D. *see* Nikolic, P.M. 83827
Ritala, M. *see* Kukli, K. 75003
Ritcey, J.A. *see* Moehring, M.A. 70042
Ritcey, J.A. *see* Moehring, M.A. 70043
Ritcher, W. *see* Flassbeck, W. 81006
Ritchey, L. Preserving noise margins in high speed design [PCBs] 94012
Ritchie, A.G. Military applications of reserve batteries 102941
Ritchie, A.G. *see* Clark, A.J. 112244
Ritchie, A.G. *see* Eweka, I.E. 112216
Ritchie, A.G. *see* Saraby-Reintjes, A. 112217
Ritchie, C.J., Crawford, C.R., Godwin, J.D., King, K.F., Yongmin Kim Correction of computed tomography motion artifacts using pixel-specific back-projection 80271
Ritchie, C.J., Edwards, W.S., Mack, L.A., Cyr, D.R., Yongmin Kim Three-dimensional ultrasonic angiography using power-mode Doppler 69978
Ritchie, C.J. *see* Crawford, C.R. 80270
Ritchie, C.J. *see* Xinyu Wang 80276
Ritchie, D.A. *see* Amone, D.D. 105272
Ritchie, D.A. *see* Brown, S.J. 103914
Ritchie, D.A. *see* Chabasseur-Molyneux, V. 74468
Ritchie, D.A. *see* Davies, A.G. 62908
Ritchie, D.A. *see* Field, M. 83946
Ritchie, D.A. *see* Field, M. 105362
Ritchie, D.A. *see* Frost, J.E.F. 62934
Ritchie, D.A. *see* Liang, C.-T. 106099
Ritchie, D.A. *see* Millard, I.S. 62829
Ritchie, D.A. *see* Millard, I.S. 74359
Ritchie, D.A. *see* Patel, N.K. 62900
Ritchie, D.A. *see* Patel, N.K. 83947
Ritchie, D.A. *see* Rubel, H. 105360
Ritchie, D.A. *see* Savchenko, A.K. 106082
Ritchie, D.A. *see* Shields, A.J. 62984
Ritchie, D.A. *see* Shields, A.J. 74414
Ritchie, D.A. *see* Shiltont, J.M. 74326
Ritchie, D.A. *see* Turner, N. 63028
Ritchie, D.M. *see* Brinciotti, A. 63053
Ritchie, D.M. *see* Di Paola, A. 63052
Ritchie, E. *see* Deng, X. 91538
Ritchie, E. *see* Hindkaer, L. 111907
Ritchie, E. *see* Perho, J. 91537
Ritchie, S., Tiedje, T., van Buuren, T., Lavoie, C., Johnson, S.R., Gao, Y. Growth of ErF$_3$ and LaF$_3$ thin films on InP and GaAs studied by photoemission spectroscopy 61187
Ritley, K.A. *see* Theis-Brohl, K. 64363
Ritman, E.L. *see* Higgins, W.E. 80274
Ritoniemi, T. *see* Saramaki, T. 114057
Ritonja, J., Dolinar, D., Grcar, B. Combined conventional-adaptive power system stabilizer 101901
Ritova, N.I. *see* Balagurov, L.A. 83813
Ritson, D. Errors and how to deal with them [Large Hadron Collider} 120050
Ritson, D. *see* Yan, Y.T. 79977
Ritson, D.K. *see* Cai, Y. 79973
Ritson, D.M. *see* Donald, M.H.R. 79978
Ritt, S. *see* Karpukhin, V.V. 90183
Rittenhouse, T.L., Phipps, S.P., Helms, C.A., Truesdell, K.A. High efficiency operation of a 5 cm gain length supersonic chemical oxygen-iodine laser 107063
Ritter, A.P. *see* Bernstein, J. 113576
Ritter, D. *see* Betser, Y. 94908
Ritter, D. *see* Maimon, S. 114750
Ritter, H. *see* Littmann, E. 98293
Ritter, H. *see* Walter, J. 98085
Ritter, H.G. *see* Beuville, E. 90203
Ritter, H.G. *see* Beuville, E. 100968
Ritter, H.G. *see* Klein, S.R. 90223
Ritter, H.G. *see* Klein, S.R. 100976
Ritter, J., Arndt, F. FD-TD/matrix-pencil method for the efficient simulation of waveguide components including structures of more general shape 83312
Ritter, J. *see* Boheim, M. 62305
Ritter, K. Almost optimal differentiation using noisy data 113206
Ritter, M. Network buffer requirements of the rate-based control mechanism for ABR services 87358
Ritter, M., Garcia, J. Determination of traffic descriptors for VPs carrying delay-sensitive traffic 108877
Ritter, M.B., Gfeller, F., Hirt, W., Rogers, D., Gowda, S. Circuit and system challenges in IR wireless communication 78866
Ritter, M.W. *see* Szymanski, J.J. 110589
Ritterbach, E. *see* Detering, M. 121384
Ritterbusch, S. *see* Carl, K.D. 99685
Ritterhoff, C. *see* Stroh, D. 108974
Ritthongpitak, T., Fujiwara, E., Kitakami, M. A class of optimal fixed-byte error protection codes–(S+Fb)EC codes 66298
Ritthongpitak, T., Kitakami, M., Fujiwara, E. Optimal two-level unequal error control codes for computer systems 97439
Rittiger, J., Kulicke, B., Clodius, D. Simulation of a 5-terminal HVDC configuration between Eastern and Western Europe 81001
Rittiger, J. *see* Carlsen, T.H. 81000
Rittiger, J. *see* Clodius, D. 70848
Rittiger, J. *see* Povh, D. 111492
Rittweger, M. *see* Werthen, M. 76533
Rittweger, M. *see* Werthen, M. 93733
Ritu Chadha, Sze-Ying Wuu Managing distributed systems using OSI systems management 98580
Ritums, D. *see* Fredricksen, H. 106442
Ritz, S., Meyr, H. Exploring the design space of a DSP-based mobile satellite receiver 99152
Ritz, S., Pankert, M., Waltenberger, J., Zivojnovik, V., Meyr, H. Code generation techniques in the block diagram oriented design tool COSSAP/DESCARTES 93448
Ritzi, A. *see* Meiners, J.C. 105747
Riu, P.J. *see* Pallss-Areny, R. 72108
Riubrugent, J., Lastra, R.B., Vernieri, J., Barbieri, M.B. Basis of an algorithm for accurate calculation of transient ferromagnetic hysteresis 112040
Riunaud, J.-P. *see* Cappi, R. 79927
Rius, E. *see* Hettak, K. 62203
Rius, E. *see* Stephan, L. 83468
Rius, J.M., Pous, R., Cardama, A. Integral formulation of the measured equation of invariance: a novel sparse matrix boundary element method 65790
Rius, J.M., Vall-llossera, M., Cardama, A. Recent techniques for RCS prediction of complex objects 68568
Riva, A., Ramoni, M. LispWeb: a specialized HTTP server for distributed AI applications 77959
Riva, A.M.De *see* De Riva, A.M.
Riva, C. *see* Bosisio, A.V. 109339
Riva, C. *see* Vincent, E. 63290
Riva, C. *see* Vincent, E. 64033
Riva, C. *see* Vincent, E. 74585
Riva, C.E. *see* Schmid, G.F. 101080
Riva, G. *see* Corazza, G.E. 97108
Riva, G. *see* Degli-Esposti, V. 116880
Riva, G. *see* Frullone, M. 99296
Riva, G. *see* Frullone, M. 109494
Riva, G. *see* Passerini, C. 118966
Riva, M. *see* Di Paola, A. 63052
Rivals, E., Delahaye, J.-P., Dauchet, M., Delgrange, O. A guaranteed compression scheme for repetitive DNA sequences 90277
Rivarola, J.N. *see* Dixon, J.W. 71296
Rivarola, J.N. *see* Dixon, J.W. 102612
Rivas, F., Valle, L., Catedra, M.F. A moment method formulation for the analysis of wire antennas attached to arbitrary conducting bodies defined by parametric surfaces 97321
Rivas, J. *see* Lois, P. 65699
Rivas, M. *see* Contreras, M.C. 64371
Rivas-Feal, A. *see* Pazos, A. 120381
Riveill, M. *see* Bellissard, L. 109176
Rivera, D. *see* Milan, J.M. 68663
Rivera, J. *see* Mombello, E. 111708
Rivera, J.-P. *see* Ye, Z.-G. 106363
Rivera, P.H., Schulz, P.A. Analysis of the current-voltage characteristics lineshapes of resonant tunneling diodes 74680
Rivera, T. *see* Gerard, J.M. 85549
Rivera-Alvarez, Z. *see* de Melo, O. 92763
Rivera-Alvarez, Z. *see* Hernandez, L. 103835
Riveros, J.F.Vega *see* Vega Riveros, J.F.
Rivers, L.J. *see* Kelly, A.E. 107303
Rives, G. *see* Lerasle, F. 67307
Rivest, J.-F., Fortin, R. Detection of dim targets in digital infrared imagery by morphological image processing 117574
Rivest, J.-F., Siddiqi, M. Range image compression 67011
Rivest, J.-F., Tang, M., McLean, J., Johnson, F. Automated measurements of tails in the single cell gel electrophoresis assay 110691
Rivest, J.-F. *see* Caron, S. 117771
Rivest, J.-F. *see* Gagnon, E. 108459
Rivest, J.-F. *see* Soille, P. 117766
Rivest, R.L. *see* Gillman, D.W. 66384
Riviere, C.N., Thakor, N.V. Modeling and canceling tremor in human-machine interfaces 69915
Riviere, D. *see* Bauduin, B. 116474
Riviere, J.-M., Bayart, M., Tbiriet, J., Baras, A., Robert, M. Intelligent instruments: some modelling approaches 88921
Riviere, L. *see* Pucel, B. 78929
Riviere, V., Touboul, A., Ben Amor, S., Gregoris, G. Validation of yield models with CMOS/SOS test structures 115365
Rivlin, E. *see* Doermann, D. 108486
Rivlin, E. *see* Rotstein, H.P. 86379
Rivlin, L.A. Free nuclei gamma-ray lasing 75780
Rivlin, L.A. *see* Collins, C.B. 96089
Rivoallan, L. *see* Quetel, L. 78775
Rivoire, G. *see* Barille, R. 76210
Rivoire, G. *see* Fahmi, A. 76218
Rivoire, G. *see* Lefkir, M. 76207
Rivoire, G. *see* Sahraoui, B. 116666
Rivoiron, C. *see* Calen, H. 120194
Rivoli, A. *see* Lowther, R. 93858
Rivory, J. *see* Nguyen Van, V. 119898
Rix, C. *see* Lieurance, D. 121916
Rix, H. *see* Meste, O. 97733
Riyait, V.S. *see* Adams, A.E. 90732
Riyanto, T., Ayache, A. A simulation tool for CCD-based bar-code decoder analysis 89167
Riyopoulos, S., Chernin, D., Dialetis, D. Theory of electron multipactor in crossed-fields 62588
Riz, D. *see* Massmann, P. 110526
Riz, D. *see* Pamela, J. 69697
Riza, N.A. High speed wide bandwidth optical encryption and decryption system using spatial codes 66530
Riza, N.A. Polarization-based fiber-optic delay lines 68025
Riza, N.A. Narrowband ultrasonic phased array control using a photonic beamformer 70556
Riza, N.A. Optical beamforming for ultrasonic phased arrays 70560
Riza, N.A., Howlader, M.M.K. Acousto-optic system for the generation and control of tunable low-frequency signals 75622
Riza, N.A., Howlader, M.M.K., Madamopoulos, N. Photonic security system using spatial codes and

remote coded coherent optical communications 117206
Riza, N.A., Saddow, S.E. N-bit optically controlled microwave signal attenuator using the photoconductive effect 64937
Rizaev, M.K. *see* Rasulov, A.R. 81356
Rizawa, T., Pendleton, R. Broadband coax-waveguide transitions 100692
Rizawa, T. *see* Sato, K. 100751
Rizk, K., Mawira, A., Wagen, J.-F., Gardiol, F. Propagation in urban microcells with high rise buildings 116884
Rizk, K., Wagen, J.-F., Bokhari, S., Gardiol, F. Comparison between the diffraction theory and the moment method for the scattering by surface irregularities in a building wall 65848
Rizk, M.R.M. *see* Saleh, M.B. 95050
Rizk, M.S., Romare, D., Grattan, K.T.V., Palmer, A.W. Adaptive Volterra processor for fringe order identification in white-light interferometric systems 98245
Rizk, R. *see* Ihlal, A. 94222
Rizk, R. *see* Ihlal, A. 94462
Rizk, R. *see* Ihlal, A. 105106
Rizkalla, M.E., Aldridge, R.L., Khan, N.A., Gundrum, H.C. A CMOS VLSI implementation of an N×N multiplexing circuitry for ATM applications 98977
Rizki, M.M., Zmuda, M.A., Tamburino, L.A. E-MORPH: a two-phased learning system for evolving morphological classification systems 67112
Rizki, M.M. *see* Zmuda, M.A. 86946
Rizo, P. *see* Azevedo, S. 80317
Rizos, C. *see* Shaowei Nan 68760
Rizvi, M., LoVetri, J. Modeling and reduction of crosstalk on coupled microstrip line structures and multichip modules: an FDTD approach 114486
Rizvi, S.A., Lin-Cheng Wang, Nasrabadi, N.M. Neural network architectures for vector prediction 117595
Rizvi, S.A., Mohsenian, N., Nasrabadi, N.M. Color image compression using neural network prediction of color components 66904
Rizvi, S.A., Nasrabadi, N.M. Entropy-constrained finite-state residual vector quantization: A new scheme for low bit rate coding 86922
Rizvi, S.A. *see* Mirelli, V. 117634
Rizvi, S.A.H. *see* Singh, R.K. 60786
Rizzato, A. *see* Paccagnella, A. 95203
Rizzetto, S. *see* Braun, J.M. 121210
Rizzi, A. *see* Cassinis, R. 117796
Rizzi, B.J. *see* Xiangdong Zhang 93174
Rizzi, D. *see* Bosi, F. 90134
Rizzi, D. *see* Mours, B. 100821
Rizzi, D. *see* Mours, B. 120196
Rizzi, J.-C. *see* Garant, E. 101702
Rizzi, J.C. *see* Okapuu-von Veh, A. 102927
Rizzini, E.Lodi *see* Lodi Rizzini, E.
Rizzo, C. *see* De Riva, A.M. 96579
Rizzo, F. *see* Cardella, G. 110599
Rizzo, G. *see* Mours, B. 100821
Rizzo, G. *see* Mours, B. 120196
Rizzo, J. *see* Wyatt, J. 70226
Rizzo, M., Savini, A. The optimal scaling of a linear reluctance motor by field computation 81486
Rizzo, M., Savini, A., Turowski, J. 3-D finite element analysis of a linear reluctance motor by using difference scalar potential 71355
Rizzo, M., Savini, A., Turowski, J. A 3-D investigation on the non-linear magnetic field of linear motors 102762
Rizzo, P. *see* Crippa, C. 109505
Rizzo, R. *see* Cirrincione, G. 122010
Rizzo, R. *see* Jacobs, R. 80703
Rizzo, R. *see* Miceli, R. 112566
Rizzo, S.C., Bin Wu, Sotudeh, R. Symmetric GTO and snubber component characterization in PWM current source inverters 121622
Rizzo, T. Engineering for quality. A corporate strategy for the 21st century 103494
Rizzoli, R. *see* Giorgis, F. 92841
Rizzoli, V., Costanzo, A. A fully conservative nonlinear empirical model of the microwave FET 62291
Rizzoli, V., Costanzo, A., Ceccheti, C., Mastri, F. Broadband optimisation of microwave mixers for signal and noise performance 73678
Rizzoli, V., Lipparini, A., Costanzo, A., Mastri, F., Muzzarelli, G. Electrothermal analysis of nonlinear microwave circuits containing thermally coupled active devices 114304
Rizzoli, V., Mastri, F., Masotti, D. A hierarchial harmonic-balance technique for the efficient simulation of large-size nonlinear microwave circuits 114243
Rizzoli, V., Mastri, F., Sgallari, F., Spaletta, G. Harmonic-balance simulation of strongly nonlinear very large-size microwave circuits by inexact Newton methods 93754
Rizzoli, V., Neri, A., Righi, G. Analysis of spurious tones in microwave oscillators via the Hopf bifurcation concept 62218
Rizzoni, G. *see* Krishnaswami, V. 103506
Rizzoni, G. *see* Krishnaswami, V. 103516
Rizzoni, G. *see* Samimy, B. 108281
Rizzotto, G., Lo Presti, M., Di Marco, F., Lanzafame, R. Road vehicle energy consumption model by using neuro-fuzzy approach 71034
Rjoub, A., Paliouras, V., Stouraitis, T. A full-custom implementation of an RNS multiplier 113923
Ro, J., Baz, A. Control of sound radiation from a NITINOL-reinforced plate into an acoustic cavity 104186
Ro, J.R., Park, S.J., Kim, S.B., Lee, E.H. CBE growth of carbon-doped p-type InGaAs using trimethylindium and unprecracked monoethylarsine as carbon auto-doping precursor 103944
Ro, J.R. *see* Kim, S.B. 103941
Ro, M.D., Cho, B.I., Kim, M.J., Kim, S.S., Ahn, Y.M., Lee, K.G., Gill, B.L. Effect of sputtering condition on dynamic characteristics and microstructures of magneto-optical 5.25 in. SiN/TbFeCo/SiN/Al disks for 532 nm recording media 75234
Ro, S. *see* Lee, S. 108679
Ro Choo Heung *see* Heung Ro Choo
Ro Jeong-Rae *see* Jeong-Rae Ro
Ro Lee Seong *see* Seong Ro Lee
Ro Moon Byung *see* Byung Ro Moon
Roa-Sepulveda, C.A., Knight, U.G. Predicting voltage instabilities 101744
Roach, C.J. *see* Keusseyan, R.L. 89281
Roach, J. *see* Calvin, H. 106718
Roach, J. *see* Deis, G. 106719
Roach, L.B. PCMCIA design pitfalls 94026
Roach, M.R. *see* Medynsky, A.O. 70080
Roadmann, C.H. Telemedicine support in Zagreb 80168
Roan, D. *see* Huffman, K. 95145
Roark, C., Kiczuk, B. Open Systems: a process for achieving affordability 111058
Roark, D. *see* Josephs, L.C. 83557
Roark, M. *see* Repperger, D.W. 70253
Roas, B. *see* Schuster, T. 106674
Roawen Chen, Huang, H., Spanos, C.J., Gatto, M. Plasma etch modeling using optical emission spectroscopy 94745
Robach, C. *see* Fauchier, E. 83009
Robach, Y. *see* Porte, L. 82620
Robachevskii, M.V. *see* Gankin, E.A. 106737
Roback, D.M. *see* Khan, F.M. 110886
Robar, J.L. *see* Clancy, R.L. 100954
Robar, J.L. *see* Thompson, C.J. 101124
Robb, F. *see* Burns, D. 105911
Robb, F.Y. ADFET–a simple inexpensive power device 106003
Robb, G. *see* Bett, T.H. 85419
Robb, G.R.M. *see* Ginzburg, N.S. 96510
Robb, G.R.M. *see* Ginzburg, N.S. 107361
Robb, S.P. *see* Mamileti, L. 122063
Robb, S.P. *see* Shen, Z.J. 63704
Robb, S.P. *see* Shen, Z.J. 84376
Robb, S.P. *see* Shen, Z.J. 84425
Robb, S.P. *see* Shen, Z.J. 104333
Robb, S.P. *see* Shen, Z.J. 113753
Robbie, K. *see* Backhouse, C.J. 92825
Robbie, K. *see* Friedrich, L.J. 63467
Robbins, B. *see* Pudney, C. 86337
Robbins, D.H., Jr., Reddy, J.N. An efficient computational model for the stress analysis of smart plate structures 82781
Robbins, D.J., Carline, R.T., Stanaway, M.B., Leong, W.Y. Silicon-based resonant cavity detectors for long-wave infrared imaging 100115
Robbins, D.J. *see* Ashburn, P. 63603
Robbins, D.J. *see* Beton, P.H. 62982
Robbins, D.J. *see* Gregory, H.J. 84326
Robbins, D.J. *see* Nejim, A. 94928
Robbins, D.J. *see* Pearson, P.J. 63835
Robbins, J. *see* Schiff, H.I. 70533
Robbins, K.A. *see* Withers, J.A. 77429
Robbins, K.A. *see* Xu, J. 77427
Robbins, M. *see* Matheson, J. 69771
Robbins, M. *see* Matheson, J. 105852
Robbins, W.P. *see* Undeland, T.M. 93975
Roberds, B., Farrens, S. An AFM study on the roughness of silicon wafers correlated with direct wafer bonding 63201
Roberds, B.E., Farrens, S.N. An atomic force microscopy study on the roughness of silicon wafers correlated with direct wafer bonding 94774
Roberge, D., Yunlong Sheng Optical real-time correlator for implementation of phase-only composite filters 117756
Roberge, D. *see* Neto, L.G. 95850
Roberge, P.R., Salvador, J.P. Transient modelling of tubular positive lead-acid batteries 112212
Roberge, P.R. *see* Amphlett, J.C. 112312
Roberjot, V., Bridal, S.L., Laugier, P., Berger, G. Absolute backscatter coefficient over a wide range of frequencies in a tissue-mimicking phantom containing two populations of scatterers 110680
Roberson, C.W. *see* Hafizi, B. 96483
Roberson, D. *see* Dhuler, V. 106288
Roberson, D. *see* Markus, K.W. 74872
Roberson, M.A. *see* Sopori, B.L. 94289
Roberson, N.R. *see* Carman, T.S. 110634
Roberson, N.R. *see* Haase, D.G. 120095
Roberson, N.R. *see* O'Shea, P.G. 107380
Roberson, P.L. *see* Muthuswamy, M.S. 80464
Robert, A. Flicker from AC and DC arc furnaces–assessment and mitigation 91950
Robert, A. *see* O'Brien, K. 113832
Robert, C. *see* Bideux, L. 82736
Robert, E. *see* Pouvesle, J.M. 101008
Robert, F. *see* Dular, P. 104906
Robert, F. *see* Lamarque, C.-H. 86354
Robert, F. *see* Meys, B. 107979
Robert, J.L. *see* Anikin, M.M. 103817
Robert, J.L. *see* Camassel, J. 104051
Robert, J.L. *see* Syrkin, A.L. 103995
Robert, J.P. *see* Aleksan, R. 62561
Robert, J.P. *see* Giomataris, Y. 90177
Robert, L. Camera calibration without feature extraction 67027
Robert, L., Deriche, R. Dense depth map reconstruction: a minimization and regularization approach which preserves discontinuities 67255
Robert, L. *see* Faugeras, O. 67199
Robert, M. *see* Riviere, J.-M. 88921
Robert, P. *see* Nikles, M. 64696
Robert, P.A. *see* Nikles, M. 69219
Robert, S., Le Boudec, J.-Y. On a Markov modulated chain exhibiting self-similarities over finite timescale 118051
Roberts, A., Von Bibra, M.L., Huntington, S.T., Nugent, K.W. Fabrication of buried channel waveguides in fused silica by focussed MeV ion beam irradiation 95723
Roberts, A. *see* Covino, J. 73355
Roberts, A.R., McNamara, D.A. Interpolating radiation patterns using Prony's method 117013
Roberts, B. *see* Bhanu, B. 90707
Roberts, C.J. *see* Lee, C.L. 70244
Roberts, C.W. *see* Dubey, M. 83817
Roberts, C.W. *see* Dubey, M. 96057
Roberts, C.W. *see* West, L.C. 85077
Roberts, C.W. *see* West, L.C. 95818
Roberts, C.W. *see* West, L.C. 96056
Roberts, D. *see* Almond, G. 79059
Roberts, D. *see* Yaworski, H.G. 121215
Roberts, D.A. Dispersion equations for nonlinear optical crystals: KDP, AgGaSe$_2$, and AgGaS$_2$ 107561
Roberts, D.A., Graf, H.J., Halberstadt, M.J. The control of CVD precursor purity for integrated circuit manufacture 61344
Roberts, D.E. Some issues in the design of software for e-beam analysis 65711
Roberts, D.R. *see* Marshall, A.D. 72326
Roberts, E. Gambling on switched networks 67614
Roberts, E. Getting the goods on SNA gateways 67840
Roberts, E. APPN hopes hanging on HPR 118394
Roberts, E. Virtual LANs: How real? How soon? Here's how 118481
Roberts, E., Pfitzner, L., Petkovic, M., Stapinski, T. Infrared focal planes for the advanced along-track scanning radiometer 70509
Roberts, G., Owens, A.R., Lane, P.M., Humphries, M.E., Child, R.K., Bauder, F., Izquierdo, J.M.G. A contactless transfer device for power and data 90696
Roberts, G.K. *see* Rowe, K. 99637
Roberts, G.L. *see* Cava, R.J. 95244
Roberts, G.O. Efficient simulation from the random walk metropolis algorithm 103583
Roberts, G.W. *see* Haurie, X. 93517
Roberts, G.W. *see* Toner, M.F. 93532
Roberts, G.W. *see* Veillette, B.R. 104399
Roberts, J. *see* Barnham, K. 102982
Roberts, J. *see* D'Auria, S. 116112
Roberts, J. *see* Jullien, G.A. 67340
Roberts, J. *see* Lindsay, G. 85595
Roberts, J. *see* Niiro, Y. 88063
Roberts, J.A. *see* Abeysinghe, J.R. 88217
Roberts, J.D., Ryley, A., Jones, D.M., Burke, D. Analysis of error-correction constraints in an optical disk 95645
Roberts, J.E. *see* Joly, P. 116992
Roberts, J.L. *see* Scheidt, E.M. 66271
Roberts, J.M. *see* Harris, J.J. 63767
Roberts, J.R. *see* Griesmann, U. 104986
Roberts, J.S., Flinn, D., McCarthy, C., Dew, R. Reducing wholesale power costs on rural electric coop systems with capacitors 70894
Roberts, J.S., Hamilton, C.J., McIlvaney, K., Marsh, J.H. Visible laser diodes grown by metal organic vapour phase epitaxy (MOVPE) 96281
Roberts, J.S. *see* Bames, J. 74367
Roberts, J.S. *see* Bishop, P.J. 74413
Roberts, J.S. *see* Fisher, T.A. 65309
Roberts, J.S. *see* Kowalski, O.P. 72754
Roberts, J.S. *see* Ooi, B.S. 114852
Roberts, J.S. *see* Rushworth, S.A. 61412
Roberts, J.S. *see* Sale, T.E. 85527
Roberts, J.S. *see* Tsui, E. 116236
Roberts, L.H. *see* Ansari, H. 88543
Roberts, M. *see* Keithley, C. 120672
Roberts, N. *see* Fletcher, E.J. 96966
Roberts, N.A. *see* Fox, S.J. 60736
Roberts, N.C. *see* Pignon, D. 64848
Roberts, P.D. *see* Kennedy, G.T. 116524
Roberts, P.K. *see* Lee, M.J. 84398
Roberts, R. Sideband suppression considerations for complex baseband processing of FDM waveforms 86160
Roberts, R. High data rate communications over twisted pair 118673
Roberts, R. *see* Patel, A. 92292
Roberts, R.A. *see* Laxman, R.K. 61366
Roberts, R.D. Qualitative analysis of the impact of clock timing error and/or frequency offsets on an OFDM waveform demodulator 108795
Roberts, S. *see* Fiksel, J. 72379
Roberts, S.A. *see* Harding, J.R. 80287
Roberts, S.G. *see* Jurkschat, K. 94437
Roberts, S.J. *see* Krkic, M. 70171
Roberts, S.J. *see* Outten, A.G. 70128
Roberts, T. *see* Jervis, B.W. 70130

Roberts, V., Allsopp, D.W.E. Non-ideal current-voltage characteristics in MBE-grown $Si_{1-x}Ge_x$/Si heterojunction bipolar transistors 105909

Roberts, V. *see* Rushworth, S.A. 61412

Roberts, W.T. *see* Guha, S. 76214

Roberts, W.T., Jr., LeVan, P.D. Aperture sharing between low-background infrared sensors and ladar sensors 90896

Robertson, A. *see* Faria de Almeida, A. 60759

Robertson, A. *see* Lum, R.M. 92731

Robertson, A. *see* Lum, R.M. 103906

Robertson, B. *see* Boisset, G.C. 72309

Robertson, B. *see* Plant, D.V. 85326

Robertson, B. *see* Plant, D.V. 96050

Robertson, B.W. *see* Liu, Y. 64295

Robertson, C., Wertheimer, M.R., Fournier, D., Lamarre, L. Study on the morphology of XLPE power cable by means of atomic force microscopy 70907

Robertson, C.J. *see* Castelin, S.F. 90897

Robertson, D.A. *see* Turnbull, G.A. 73684

Robertson, E.E., Eason, R.W., Kaczmarek, M., Chandler, P.J., Xuefeng Huang Ion-beam manipulation of the photorefractive properties of strontium barium niobate planar waveguides 64781

Robertson, G. *see* Costen, N. 67260

Robertson, G.R., Aburdene, M.F., Kozick, R.J. Differential block coding of bilevel images 108499

Robertson, I. *see* Algiannakis, C. 97109

Robertson, I. *see* Sanchez-Hernandez, D. 66123

Robertson, I. *see* Sanchez-Hernandez, D. 76647

Robertson, I.D. *see* Baree, A.H. 62309

Robertson, I.D. *see* Baree, A.H. 93917

Robertson, I.D. *see* Geelan, B.D.B. 78583

Robertson, I.D. *see* Karacaoglu, U. 83541

Robertson, I.D. *see* Karacaoglu, U. 93724

Robertson, I.D. *see* Karacaoglu, U. 104864

Robertson, I.D. *see* Karacaoglu, U. 104883

Robertson, I.D. *see* Karacaoglu, U. 114333

Robertson, I.D. *see* Lucyszyn, S. 62364

Robertson, I.D. *see* Lucyszyn, S. 76649

Robertson, I.D. *see* Lucyszyn, S. 114275

Robertson, I.D. *see* Lucyszyn, S. 117135

Robertson, I.D. *see* Sanchez-Hernandez, D. 108050

Robertson, I.D. *see* Wang, Q.H. 73787

Robertson, I.D. *see* Warburton, P.A. 62319

Robertson, I.M. *see* Turkot, B.A. 114882

Robertson, J., Chen, C.W., Warren, W.L., Gutleben, C.D. Electronic structure of the ferroelectric layered perovskite $SrBi_2Ta_2O_9$ 106356

Robertson, J. *see* Gerber, J. 61353

Robertson, J. *see* Gerber, J. 72912

Robertson, J. *see* Kie Young Lee 63787

Robertson, J. *see* Sattel, S. 82753

Robertson, J. *see* Warren, W.L. 84691

Robertson, J.L. *see* Fullerton, E.E. 64350

Robertson, M.D. *see* Mohajerzadeh, S. 92702

Robertson, M.J. *see* Moodie, D.G. 106863

Robertson, N. *see* Hu, B.H.L. 115661

Robertson, P. *see* Fazel, K. 68885

Robertson, P. *see* Kie Young Lee 63787

Robertson, R., Tentzeris, E., Krumpholz, M., Katehi, L.P.B. MRTD analysis of dielectric cavity structures 97248

Robertson, R.C., Morgan, M.A. Ultra-wideband impulse receiving antenna design and evaluation 97325

Robertson, R.C., Sheltry, J.F. Multiple tone interference of frequency-hopped noncoherent MFSK signals transmitted over Ricean fading channels 88111

Robertson, R.G. *see* Clark, S.L. 114392

Robertson, R.N. *see* Cooper, R.A. 110944

Robertson, R.N. *see* VanSickle, D.P. 110947

Robertson, S. *see* Brauchler, F. 93718

Robertson, S. *see* Newton, G. 65658

Robertson, S.V., Katehi, L.P.B., Rebeiz, G.M. A 10-50 GHz micromachined directional coupler 83330

Robertson, W. *see* Phillips, W.J. 76855

Robertson, W. *see* Sen, S. 108211

Robertson, W.M. *see* Plant, D.V. 85326

Robertsson, J.O.A., Levander, A., Holliger, K. Modeling of the Acoustic Reverberation Special Research Program deep ocean seafloor scattering experiments using a hybrid wave propagation simulation technique 101501

Robertsson, J.O.A., Levander, A., Holliger, K. A hybrid wave propagation simulation technique for ocean acoustic problems 101564

Robertsson, M. *see* Niburg, M. 119218

Robillard, M. *see* Covino, J. 73355

Robillard, M.N. *see* Morrison, B.D. 70352

Robilliart, E. *see* Dubois, E. 63590

Robin, D., Collins, H., Decking, W., Portmann, G., Schachinger, L., Zholents, A. Observation of nonlinear resonances in the Advanced Light Source 120014

Robin, D., Kim, C., Sessler, A. Compton scattering in the ALS booster 79871

Robin, D., Krebs, G., Portmann, G., Zholents, A., Decking, W. Reduction of nonlinear resonance excitation from insertion devices in the ALS 89812

Robin, D. *see* Ohgaki, H. 96495

Robin, D. *see* Portmann, G. 100611

Robin, D. *see* Raubenheimer, T.O. 89662

Robin, F., Renaudin, M., Privat, G., Van Den Bossche, N. Functionally asynchronous array processor for morphological filtering of greyscale images 113997

Robin, M. *see* Menaldi, J.-L. 92446

Robin, P., Coulson, G., Campbell, A., Blair, G., Papathomas, M., Hutchison, D. Implementing a QoS controlled ATM based communications system in Chorus 118588

Robin, P. *see* Dubois, J.-C. 106477

Robinette, W. *see* Thomassen, K. 64565

Robini, M.C., Magnin, I.E., Benoit-Cattin, H., Baskurt, A. Application of the wavelet packet transform to flaw detection in ultrasound B-scans 104214

Robino, M. *see* Chergui, A. 92772

Robins, H. *see* Zimmermann, S. 79258

Robins, H. *see* Zimmermann, S. 100857

Robins, J.L., Warrington, N. Passivation of mercury cadmium telluride 94766

Robins, M. *see* Pudney, C. 86337

Robinson, A., Bialkowski, M. Wireless LAN communication base stations using quasi-optical amplifiers 98735

Robinson, A., O'Mahony, M.J. Performance of an optical backplane bus for switch interconnection 109321

Robinson, A.L. *see* Simons, F.O., Jr. 60779

Robinson, A.M. *see* Davis, F. 67945

Robinson, A.M. *see* Shen, B. 84662

Robinson, B., Vlasits, T., Korolkiewicz, E., Creasy, C. Moment method analysis of an aperture coupled microstrip antenna with multilayer superstrate 65977

Robinson, B. *see* Song, K.C. 100027

Robinson, B.J. *see* Drouot, V. 105608

Robinson, B.J. *see* Lakshmi, B. 74365

Robinson, B.J. *see* Lakshmi, B. 94556

Robinson, B.J. *see* LaPierre, R.R. 103895

Robinson, B.J. *see* Matin, M.A. 100036

Robinson, B.J. *see* Mitchell, D.B. 82672

Robinson, B.J. *see* Mullan, C.A. 103894

Robinson, B.J. *see* Nuban, M.F. 92777

Robinson, B.J. *see* Wang, J. 103893

Robinson, C.J. *see* Purucker, M.C. 69921

Robinson, D., Hooper, D. A MIB for video server system management 119421

Robinson, D. *see* Beck, G.A. 69775

Robinson, D.C. *see* Mazharsolook, E. 82280

Robinson, D.L. Intelligence, "cerebral arousability" and positron emission tomography: A challenge to Fidelman's account of intelligence and transmission errors 101222

Robinson, D.T. A new absolute inductive transducer for brushless servomotors 91579

Robinson, G. *see* Law, H.H. 63413

Robinson, G.D. *see* Herrick, R.W. 96312

Robinson, G.D. *see* Strzelecka, E.M. 85342

Robinson, G.Y. *see* Kim, J.W. 63014

Robinson, G.Y. *see* Thiagarajan, P. 75921

Robinson, G.Y. *see* Vogt, T.J. 85100

Robinson, H.G. *see* Zibrov, A.S. 96116

Robinson, J., Linton, D. Automating the layout of MMIC circuits using artificial intelligence techniques 73775

Robinson, J., Linton, D., Parks, G., Brennan, M., Stewart, J.A.C., Fusco, V.F. A training tool for MMIC designers 62359

Robinson, J. *see* Franaszek, P. 86225

Robinson, J.A. *see* Winger, L.L. 66561

Robinson, J.H. Professional communication in Korea: playing things by eye 103321

Robinson, J.M. *see* Smilowitz, L. 96612

Robinson, K.E., Challenger, M.P., Gottschalk, S.C., Quimby, D.C. Advances in FEL undulator technology at STI Optronics 96553

Robinson, M., Evans, J.P.O., Godber, S.X. A 3-D (stereoscopic) X-ray imaging technique based on linear array detectors 77335

Robinson, M. *see* Evans, J.P.O. 98219

Robinson, M. *see* Petty, R.S. 79552

Robinson, M.G., Tombling, C. Analog nonvolatile optically addressed spatial light modulator 116141

Robinson, M.P., Turner, J.D., Thomas, D.W.P., Dawson, J.F., Ganley, M.D., Marvin, A.C., Porter, S.J., Benson, T.M., Christopoulos, C. Shielding effectiveness of a rectangular enclosure with a rectangular aperture 97181

Robinson, N. *see* Loh, W.H. 78943

Robinson, P. In search of the universal ARB 79253

Robinson, P. Making VXI easier to use 99832

Robinson, P., Mravic, B. Use of a 1-dimensional heat flow model to calculate circuit board thermal resistance for use in the MQUAD(R) package thermal model 103468

Robinson, P. *see* Tan, B. 106612

Robinson, P.A. The use of predictive LIDAR measurements in alleviating turbulence induced disturbances of aircraft in flight 120610

Robinson, P.B. The power of networking–pooling resources to keep our electricity on requires control 121018

Robinson, R. *see* Frieze, A. 103645

Robinson, R.W. *see* Potter, W.D. 60876

Robinson, S. *see* Atyeo, M. 118202

Robinson, S.D. *see* Anigbo, F.C.J. 99507

Robinson, S.J. *see* Altermatt, P.P. 121878

Robinson, S.P., Dore, G.R. Uncertainties in the calibration of hydrophones at NPL by the three-transducer spherical-wave reciprocity method in the frequency range 10 kHz to 500 kHz 80693

Robinson, T.E. Integrated systems for wireless voice and data applications 78483

Robinson, T.R. *see* Allik, T.H. 96125

Robinson, W. *see* Burgett, W. 79856

Robinson, W.P. *see* Kubena, R.L. 64008

Robinson, W.W. A systems approach to management 103472

Robinson-Hahn, D. *see* Verhaege, K. 116815

Robkopf, V., Auer, P., Gornik, E., Strenz, R., Abstreiter, G., Bohm, G., Weimann, G. Far-infrared-study of shallow etched quantum wires on high mobility GaAs/AlGaAs heterostructures and quantum-wells 62995

Robla, J.I. *see* Getino, J. 119770

Robles, S., Russell, K., Galiano, M., Siva, V., Kithcart, V., Nguyen, B.C. Gap fill and film reflow capability of subatmospheric chemical vapor deposited borophosphosilicate glass 61334

Robles, S., Russell, K., Galiano, M., Siva, V., Kithcart, V., Nguyen, B.C. Gap fill and film reflow capability of subatmospheric chemical vapor deposited borophosphosilicate glass 63456

Roblin, M.-L. *see* Ratsep, M. 96831

Roblin, O. *see* Acher, O. 64203

Robman, R., Bunke, H. Towards robust edge extraction–a fusion based approach using grey level and range images 98210

Robohm, A. *see* Allen, D. 69741

Roboli, A. *see* Caloghirou, Y.D. 111718

Robrish, P.R. *see* Field, L.A. 88469

Robshaw, M.J.B. *see* Knudsen, L.R. 76829

Robson, D., Lake, J., DiCarlo, E. Next generation satellite system for rural development 119090

Robson, D. *see* Shirlaw, J. 119091

Robson, D.M. Metering solutions for the Victorian and National electricity markets, Australia 102291

Robson, I.A., Whittington, H.W., Connelly, J. Decision support for energy trading between power generators 80857

Robson, M., Russell, G. A digital method for testing embedded switched capacitor filters 114075

Robson, M.C. *see* Rajeswari, M. 75128

Robson, P.N. *see* Plimmer, S.A. 63545

Robson, P.N. *see* Plimmer, S.A. 74689

Robson, P.N. *see* Sale, T.E. 85527

Robson, S.R., Sinclair, M.C. An improved channel resource queueing algorithm for trunked mobile radio 78392

Robyns, B., Labrique, F., Buyse, H. Simplified and robust digital control of low power induction actuators 112013

Roca, E., Kyllesbech Larsen, K., Kolodinski, S., Mertens, R. Influence of grain boundary scattering in the infrared response of silicide Schottky barrier diodes 69141

Roca, E., Larsen, K.K., Kolodinski, S., Mertens, R. Electro-optical characterization of epitaxial and polycrystalline $CoSi_2$ Schottky diodes 63568

Roca, E. *see* Kolodinski, S. 79422

Roca, J. *see* Garcia, I. 98095

Roca, V., Diot, C. A high performance Streams-based architecture for communication subsystems 118089

Roca, V. *see* Gialanella, L. 100639

Roca Dorda, J. *see* Fernandez Merono, J.M. 101304

Roca i Cabarrocas, B. *see* Cuniot, M. 94897

Roca i Cabarrocas, P., Hamma, S., Hadjadj, A., Bertomeu, J., Andreu, J. New features of the layer-by-layer deposition of microcrystalline silicon films revealed by spectroscopic ellipsometry and high resolution transmission electron microscopy 82754

Roca i Cabarrocas, P. *see* Godet, C. 83795

Roca i Cabarrocas, P. *see* Vignoli, S. 94401

Roca Nieto, L. *see* Fernandez Merono, J.M. 101304

Rocabois, P. *see* Jackson, F. 74192

Rocak, D., Macek, S. Evaluation of materials used for chip and substrate bonding in power hybrids 61655

Rocak, D. *see* Belavic, D. 62499

Rocak, D. *see* Belavic, D. 62500

Rocak, D. *see* Taskov, M.P. 61524

Rocak, R. *see* Kren, B. 63581

Rocaries, F. *see* Murthi, A. 79327

Rocca, A.V.La *see* La Rocca, A.V.

Rocca, F. *see* Gatelli, F. 120903

Rocca, J.J., Marconi, M.C., Chilla, J.L.A., Tomasel, F.G., Shlyaptsev, V.N., Gonzalez, J.J. Saturation behavior of a discharge pumped soft X-ray amplifier 65019

Rocca, J.J., Tomasel, F.G., Marconi, M.C., Shlyaptsev, V.N., Chilla, J.L.A., Clark, D. Small-scale soft X-ray laser excited by a fast discharge: realization and characterization 75819

Rocca, J.J. *see* Chilla, J.L.A. 100358

Rocca, J.J. *see* Tomasel, F.G. 116346

Rocchi, A. *see* Sabatini, A.M. 79022

Rocchi, A. *see* Sabatini, A.M. 109814

Rocchi, M. GaAs MMICs for cordless and cellular telecommunications: the fight against silicon odds 68120

Rocchi, M. L-band low voltage GaAs MMICs for mobile com applications 73797

Rocchi, M. State of the art and trends in III/V ICs for commercial applications 84614

Rocchi, S. *see* Capineri, L. 69983

Rocchi, S. *see* Capineri, L. 101607

Rocchi, S. *see* Capineri, L. 111398

Rocchini, G. *see* Antonucci, V. 81867
Rocco, R. *see* Thomassen, K. 64565
Roch, J.-F. *see* Marin, F. 96321
Roch, J.-L., Villard, G. Fast parallel computation of the Jordan normal form of matrices 103746
Rocha, C.A.F.da *see* da Rocha, C.A.F.
Rocha, C.S.da *see* da Rocha, C.S.
Rocha, D., Azeredo Leme, C., Franca, J. Architectures for A/D conversion with optimal use of oversampling 104638
Rocha, J.P.de Sousa *see* de Sousa Rocha, J.P.
Rocha, J.R.F.da *see* da Rocha, J.R.F.
Rocha, L.F.N., Mesquita, R.C. An object-oriented data structure for a 3-D electromagnetic field computation program preprocessor 65643
Rocha, M.L. *see* Davey, R.P. 78709
Rocha, R., Pereda, P., Vazquez-Martinez, A., de la Rosa, J. Analysis of the electrical characteristics of a C-to-C N_2 laser using IS-SPICE 116591
Rocha, V.C.Da, Jr *see* Da Rocha, V.C., Jr
Rocha, V.C.de, Jr. *see* de Rocha, V.C., Jr.
Rocha Barretto, P.S.da *see* da Rocha Barretto, P.S.
Rocha Lauretti, S., Fragassi Souza, R. Comparative study of four broadband microwave amplifier concepts 73745
Rochat, B. *see* Muller, G. 83143
Roche, A.E. *see* Lambert, A. 120778
Roche, D., Richard, C., Eyraud, L., Audoly, C. Shear stress sensor using piezoelectric bimorphs bending 100392
Roche, G.A., McVittie, J.P. Application of plasma charging probe to production HDP CVD tool 104113
Roche, J.R., Yeung, R.W., Ka Pun Hau Multilevel diversity coding with symmetrical connectivity 66355
Roche, J.R. *see* Orlitsky, A. 66465
Roche, P.J. *see* O'Donovan, J.G. 112024
Rochefort, M., De Guise, N., Gingras, L. Development of a graphical user interface for a real-time power system simulator 101695
Rochelle, J.M. *see* Paulus, M.J. 90344
Rochelle, J.M. *see* Paulus, M.J. 100947
Rocher, A. *see* Laporte, A. 63202
Rochet, R. *see* Wendling, X. 104547
Rocheteau, F. *see* Casaubieilh, F. 82866
Rochette, H.De La *see* De La Rochette, H.
Rochford, K.B., Rose, A.H., Day, G.W. Magneto-optic sensors based on iron garnets 116145
Rochon, P. *see* Meng, X. 64638
Rochon, S. *see* Soufi, M. 104489
Rock, S.M. *see* Fleischer, S.D. 90830
Rocke, D.M., Woodruff, D.L. Multivariate outlier detection 103556
Rockett, A. *see* Martin, G. 62792
Rockett, A. *see* Mullan, C.A. 63237
Rockett, P.I. *see* Chaw Koh Yong 97990
Rockney, B. *see* Grubb, S.G. 65109
Rocks, M., Gieschen, N., Gladisch, A. Germany's fibre in the loop installations as basis for further access network evolution 78754
Rocks, M. *see* Gladisch, A. 88456
Rocksabutr, A., Chu, P.L. Modeling of a high frequency acousto-optic fiber phase modulator 116148
Rockstad, H.K., Tang, T.K., Reynolds, J.K., Kenny, T.W., Kaiser, W.J., Gabrielson, T.B. A miniature, high-sensitivity, electron tunneling accelerometer 88985
Rockstad, H.K. *see* Muller, L. 80558
Rockstroh, M. *see* Hofmann, B. 100393
Rockstroh, W. *see* Golub, M.A. 76094
Rockwell, B. *see* Kreiss, D. 91970
Rockwell, D. *see* Lin, J.-C. 119945
Roco, J.M.M. *see* Hernandez, A.C. 81329
Rocquencourt, J. *see* Caer, D. 66168
Rocquet, G. *see* Dujardin, F.H. 101214
Roczniak, A., Petriu, E.M., Costache, G.I. 3-D electromagnetic field modeling based on near field measurements 119570
Roda, C. *see* Autiero, D. 69815
Roda, C. *see* Autiero, D. 80006
Rodahl, M., Kasemo, B. A simple setup to simultaneously measure the resonant frequency and the absolute dissipation factor of a quartz crystal microbalance 119618
Rodbell, K.P. *see* Domenicucci, A.G. 114994
Rodchenkov, V. *see* Andreev, N. 85697
Rodd, M.G. *see* Altawil, I.A. 91881
Rodd, M.G. *see* Rajeswari, M. 62507
Rodd, S. *see* Ekbote, S. 106011
Rodde, K. *see* Lasserre, V. 106217
Rodden, T. *see* Shepherd, D. 118638
Rodder, M. *see* Sultan, A. 114699
Roddie, A.G. *see* Smith, A.J.A. 104402
Roddy, M. Using the Internet to support preservice and novice teachers 98621
Rode, A. *see* Henriksen, J.F. 61490
Rode, A. *see* Stajer, D. 101395
Rodella, R. *see* Sansoni, G. 66893
Rodellar, J. *see* Cipolla-Ficarra, M. 102683
Rodellar, V., Garcia, V., Gomez, P., Martinez, E., Peinado, V. Optimal arithmetic dimension of adaptive filters for speech characterization 114122
Roden, J. *see* de Carvalho, R.R. 77082
Roden, T.Von *see* Von Roden, T.
Roder, P. *see* Ulema, M. 78498
Roder, P.W. *see* Varma, V.K. 109461
Roderburg, E. *see* Brauksiepe, S. 100815
Roderick, J.M. *see* Ramesh, A. 64305
Roderick, N.F. *see* Bowers, R.L. 81600
Rodes, F. *see* Begueret, J.B. 120266
Rodewald, M. *see* Schaeffer, C. 103856
Rodewald, W. *see* Jahn, L. 64475
Rodewald, W. *see* Katter, M. 115853
Rodger, C. *see* Dowden, R. 90813
Rodger, C.J., Thomson, N.R., Dowden, R.L. A search for ELF/VLF activity associated with earthquakes using ISIS satellite data 116914
Rodger, D., Leonard, P.J., Lai, H.C., Coles, P.C. Finite element modelling of thin skin depth problems using magnetic vector potential 107782
Rodger, D. *see* Allen, N. 65738
Rodger, D. *see* Coles, P.C. 65686
Rodger, D. *see* Hainsworth, G. 65745
Rodger, D. *see* Lai, H.C. 111933
Rodger, D. *see* Leonard, P.J. 107781
Rodger, D. *see* Patel, U. 61507
Rodger, E. *see* Tsoupas, N. 89800
Rodgers, B. Coplanarity problems [fine pitch IC handling] 83622
Rodgers, B. Fine-pitch IC handling 83632
Rodgers, C.D. *see* Lambert, A. 120778
Rodgers, D.J. *see* Daly, E.J. 70305
Rodgers, J. *see* Cheng, S. 65008
Rodgers, J. *see* Cheng, S. 96501
Rodgers, J. *see* Guo, H. 114537
Rodgers, J. *see* Guo, H.Z. 62584
Rodgers, J. *see* Lawson, W. 62614
Rodgers, J. *see* Lawson, W. 105044
Rodgers, J. *see* Shiqiu Cheng 107369
Rodgers, J.P., Bent, A.A., Hagood, N.W. Characterization of interdigitated electrode piezoelectric fiber composites under high electrical and mechanical loading [for rotorcraft application] 115455
Rodgerson, J. *see* Shepstone, N.M. 102628
Rodgerson, J.L. *see* Burton, B. 121925
Rodi, V.F.Di *see* Di Rodi, V.F.
Rodic, M. *see* Jeftenic, B. 121933
Rodic, R. *see* Milutinovic, N. 73136
Rodick, S. *see* Chartier, V.L. 91195
Rodier, J. *see* Chehab, R. 89714
Rodier, J.-C. *see* Dupret, A. 62118
Rodier, J.-C. *see* Dupret, A. 75774
Rodin, C. EUTELTRACS vehicle positioning with a satellite based two-way messaging system 99428
Rodin, I.Yu. *see* Sidorenko, V.D. 95553
Rodina, L.S. *see* Shevchenko, V.V. 91886
Rodino, V.D. *see* Merritt, S.W. 119153
Rodionov, A.Y. *see* Kuprenyuk, V.I. 116335
Rodionov, N.A. *see* Kosarev, V.V. 105210
Rodionov, V.E. *see* Vlaskina, S.I. 104139
Rodionov, V.V. Optimal observation of random Gaussian signals by radar stations that randomly vary the parameters of their sensing signals against a background of stationary Gaussian interference 99622
Rodionov, Ya.G. *see* Gorbachev, A.A. 107948
Rodkiss, D.A. *see* Danson, C.N. 85429
Rodl, V. *see* Svarc, R. 103636
Rodman, R.D., Williams, J.O. Hardware and software for telephoning voters en masse 98604
Rodnov, Yu.V. *see* Babintsev, V.V. 120185
Rodolfo, J. *see* Guimbal, P. 96547
Rodricks, B. *see* Yoo, S.S. 80142
Rodrigo, C. *see* Quentel, S. 69420
Rodrigue, S. *see* Lecomte, R. 90351
Rodrigue, S. *see* Lecomte, R. 90426
Rodrigues, A., Bowers, J. The role of system dynamics in project management 82133
Rodrigues, A. *see* Amphlett, J.C. 112312
Rodrigues, A.J., Albuquerque, A.A. Diversity techniques with multi-h CPM for satellite mobile systems 109499
Rodrigues, A.J. *see* Jacquemin, P. 88322
Rodrigues, A.P.R. *see* Petraglia, M.R. 77064
Rodrigues, A.S. *see* Guerreiro, P.T. 65237
Rodrigues, A.S. *see* Guerreiro, P.T. 94562
Rodrigues, C., Fonseca, A.L.A., Nunes, O.A.C. Thermoelectric amplification of phonons in bulk semiconductors under a strong magnetic field 105161
Rodrigues, L.E.T., Fonseca, H., Verissimo, P. Totally ordered multicast in large-scale systems 87421
Rodrigues, R. *see* Pinto de Sa, J. 121227
Rodrigues, R.P. *see* Ravikumar, V. 95271
Rodrigues, S.G. *see* Finol, J.P. 93166
Rodrigues, V., Clesca, B., Gauchard, S., Vinchant, J.F., Lesterlin, D., Bodere, A., Satzke, K., Haisch, H. 2.5 Gbit/s transmission over 1391 km of non-dispersion-shifted fibre using an integrated electroabsorption modulator/DFB laser module 68371
Rodrigues, V. *see* Clesca, B. 68377
Rodriguez, A., Comeron, A., Elias, A., Gonzalez, E., Montesino-Espartero, J.L., Rodriguez, G. Low-power coherent laser radar velocimeter: applications to law enforcement 99662
Rodriguez, A. *see* del Rio, A. 112799
Rodriguez, A. *see* Leung, E.M. 70981
Rodriguez, A. *see* Rodriguez, D. 97471
Rodriguez, A.A., Cloutier, J.R. Performance enhancement for a missile in the presence of saturating actuators 90913
Rodriguez, A.M., Pulido, V.A.A., Suarez, A.J.D., Naranjo, P.D. Low cost system for transistor modeling 112770
Rodriguez, C.A. *see* Hansen, S.B. 70234
Rodriguez, C.O. *see* Weht, R. 75315
Rodriguez, D., Rodriguez, A., Santiago, N.G. On the implementation of fast algorithms for linear codes using T805 microcomputer arrays 97471
Rodriguez, D. *see* Teixeira, M. 77061
Rodriguez, E., Arau, J. A novel DC-UPS with power factor correction in a single structure 121722
Rodriguez, E., Flores, B.C., Cabrera, S.D. Autoregressive spectral estimation with a priori object support for inverse synthetic aperture radar imagery 99624
Rodriguez, E. *see* Soler, R. 80197
Rodriguez, F. *see* Campelo, J.C. 98733
Rodriguez, G., Taylor, A.J. Screening of the bias field in terahertz generation from photoconductors 95946
Rodriguez, G. *see* Clement, T.S. 62280
Rodriguez, G. *see* Rodriguez, A. 99662
Rodriguez, J. *see* Morales, R. 64733
Rodriguez, J. *see* Ramirez-Nino, J. 81114
Rodriguez, J.F. *see* Brown, D. 70285
Rodriguez, J.J. *see* Ma, J.C. 69961
Rodriguez, J.J. *see* Qiang Zhang 77444
Rodriguez, J.J. *see* Te-Shen Liang 80343
Rodriguez, J.J. *see* Yang, C.C. 67337
Rodriguez, J.L., Obelleiro, F., Pino, A.G. A hybrid multipolar-expansion-moment-method approach for electromagnetic scattering problems 76377
Rodriguez, J.L. *see* Obelleiro, F. 97076
Rodriguez, J.L. *see* Obelleiro, F. 116964
Rodriguez, J.R. *see* Wiechmann, E.P. 91976
Rodriguez, L. *see* Sheinbaum, C. 71927
Rodriguez, L. *see* Valdes, M.D. 112802
Rodriguez, L.F. New radio interferometers in North America 119343
Rodriguez, L.F. *see* Gomez, Y. 119341
Rodriguez, M. *see* Gardner, P. 102558
Rodriguez, M. *see* Tuttle, B.A. 106400
Rodriguez, M.A. *see* Gurevich, Yu.G. 114716
Rodriguez, M.A. *see* Meza-Montes, L. 94483
Rodriguez, N.L.R. *see* Batista, T.V. 118633
Rodriguez, R., Hackworth, R.J., Wells, F.V., Warner, D. Simple computer-controlled scanning for a coherent Stokes Raman scattering spectrometer 119588
Rodriguez, R. *see* Lamb, H.C. 71855
Rodriguez, T.K. *see* Isaacs, E.A. 67879
Rodriguez Fonollosa, J.A. *see* Vidal, J. 117328
Rodriguez Garcia, J. *see* Fernandez Diaz, J.M. 97250
Rodriguez Gomez, B., Lamas Seco, J.J., Barro Ameneiro, S. PC interface design for large LED display 89392
Rodriguez Tellez, J., Stothard, B.P., Galvan, C. Comparison of temperature models for the drain current of MESFET's 95032
Rodriguez-Hernandez, M.A., Casajus-Quiros, F.J. Improving time-scale modification of audio signals using wavelets 97607
Rodriguez-Hernandez, P., Gonzalez-Diaz, M., Fuentes-Cabrera, M., Mujica, A., Munoz, A. Band lineup modification by Ge interlayer deposition at II-VI/III-V semiconductor heterojunctions 62796
Rodriguez-Mateos, F., Coull, L., Dahlerup-Petersen, K., Hagedorn, D., Krainz, G., Rijllart, A., McInturff, A. Electrical performance of a string of magnets representing a half-cell of the LHC machine 90046
Rodriguez-Mateos, F., Gerin, G., Marquis, A. Quench protection test results and comparative simulations on the first 10 metre prototype dipoles for the Large Hadron Collider 90047
Rodriguez-Mateos, F. *see* Berland, V. 95593
Rodriguez-Montanes, R., Bruls, E.M.J.G., Figueras, J. Bridging defects resistance in the metal layer of a CMOS process 63941
Rodriguez-Ortiz, G. *see* Mejia-Lavalle, M. 70958
Rodriguez-Pereyra, V. *see* Elsherbeni, A.T. 62152
Rodriguez-Vazquez, A. *see* de la Rosa, J.M. 113811
Rodriguez-Vazquez, A. *see* de la Rose, J.M. 93510
Rodriguez-Vazquez, A. *see* Delgado-Restituto, M. 66542
Rodriguez-Vazquez, A. *see* Delgado-Restituto, M. 113806
Rodriguez-Vazquez, A. *see* Espeio, S. 83280
Rodriguez-Vera, R. *see* Aguayo, F. 115441
Rodriguez-Vera, R. *see* Cuevas, F.J. 119863
Rodriguez-Vera, R. *see* Ochoa, N.A. 110402
Rodriguez-Vera, R. *see* Silva, A.A. 119949
Rodrigus, P.T.R. *see* Bel, A. 90576
Rodway, D. *see* Whitfield, M.D. 113474
Rodwell, M.J.W. *see* Allen, S.T. 93762
Rodwell, M.J.W. *see* Bhattacharya, U. 84349
Rodwell, M.J.W. *see* Bhattacharya, U. 93853
Rodwell, M.J.W. *see* Pullela, R. 68006
Rodwell, M.J.W. *see* Tsai, H.S. 73767
Roe, A.L., Roe, J. The application of artificial intelligence techniques to naval ESM radar identification 70616
Roe, J. *see* Roe, A.L. 70616
Roe, M.P., Wacogne, B., Pannell, C.N. High-efficiency all-fiber phase modulator using an annular zinc oxide piezoelectric transducer 85169
Roe, N. *see* Becker, R. 110615
Roebroeck, M.E. *see* Harlaar, J. 120280
Roeca, J.E. Prototype analyzer architecture 88932
Roecken, H. *see* Stephan, A. 100765
Roede, H. *see* Brun, A. 114993
Roeder, J. *see* Datta, M. 60636

Roeder, J.F. *see* Van Buskirk, P.C. 72869
Roeder, M. *see* Hietschold, M. 79340
Roeder, R.S. *see* Boller, B.D. 111205
Roeder, R.S. *see* Dobrzanski, J.R. 111239
Roeder, R.S. *see* Smith, M.C. 111182
Roederer, A. *see* Baracco, J.-M. 68646
Roederer, A. *see* Pinsard, A. 66035
Roederer, A. *see* Shelley, M.W. 66145
Roederer, A.G., Jensen, N.E., Crone, G.A.E. Some European satellite-antenna developments and trends 78598
Roehl, N.M., Pedreira, C.E., Fialho, M.S. Incipient fault detection in rotating machinery by using artificial neural networks 111878
Roehle, H., Schroeter-Janssen, H. LP-MOVPE growth of InGaAsP/InP using nitrogen as carrier gas 103890
Roehlsberger, R. *see* Sturhahn, W. 69901
Roehrich, D. *see* Bormann, C. 90198
Roehrich, J. *see* Bollmann, J. 74519
Roehrich, K. *see* Brueckner, W. 120169
Roehrig, H. *see* Blume, H. 89287
Roeksabutr, A., Chu, P.L. A high frequency optical fibre acoustooptic phase modulator 75494
Roell, K. *see* Becker, S. 106591
Roenker, K. *see* Kumar, T. 115159
Roenker, K.P., Dhawan, A.P., Song, C.K. Electronic, pulse-mode neural circuits based on a novel semiconductor device 73598
Roenker, K.P. *see* Shi, S. 105892
Roenko, A.N., Vasilyev, Yu.F., Zamaraev, B.D., Kostina, V.L. Water content influence on scattering properties of vegetation cover 120882
Roenko, A.N. *see* Vasilyev, Yu.F. 120662
Roenkov, A.D. *see* Hofmann, D. 104136
Roenkov, A.D. *see* Mokhov, E.N. 104046
Roer, T.van de *see* van de Roer, T.
Roermund, A.H.M.van *see* van Roermund, A.H.M.
Roesch, W.J., Rubalcava, A.L. GaAs IC reliability in plastic packages 63960
Roeschert, G. *see* Bohne, W. 100758
Roesel, J.F., Jr. High performance AC motors utilizing "written-pole" technology 71274
Roesel, J.F., Jr. Improved power quality with "written-pole" motor-generators and "written-pole" motors 111876
Roesel, J.F., Jr. *see* Morash, R.T. 91439
Roesky, H.W. *see* Park, H.S. 113487
Roesler, A. *see* Jayasekara, W.P. 115666
Roessler, D.M., Uddin, M.N. Lasers in the automobile industry 107646
Roestel, R. *see* Boettcher, K. 74184
Rofail, S. *see* Lee, S.T. 93620
Roffmann, W.U. *see* Crozier, S. 85813
Rofougaran, A., Chang, G., Rael, J.J., Rofougaran, M., Khorram, S., Ku, M., Roth, E., Abidi, A.A., Samueli, H. A 900 MHz CMOS frequency-hopped spread-spectrum RF transmitter IC 118768
Rofougaran, A., Chang, J.Y.-C., Rofougaran, M., Abidi, A.A. A 1 GHz CMOS RF front-end IC for a direct-conversion wireless receiver 78372
Rofougaran, A., Rael, J., Rofougaran, M., Abidi, A. A 900 MHz CMOS LC-oscillator with quadrature outputs 73803
Rofougaran, M. *see* Rofougaran, A. 73803
Rofougaran, M. *see* Rofougaran, A. 78372
Rofougaran, M. *see* Rofougaran, A. 118768
Rog, A. *see* Prahlad, M. 70152
Rogalla, H. *see* Gerritsma, G.J. 95502
Rogalla, H. *see* van Duuren, M.J. 69029
Rogalla, H. *see* van Duuren, M.J. 115947
Rogalla, H. *see* Verhoeven, M.A.J. 95433
Rogalla, M., Fiederle, M., Irsigler, R., Froemmichen, T., Chen, J.W., Ebling, D.G., Hug, P., Runge, K., Lauxtermann, S., Ludwig, J., Schmid, T., Geppert, R., Joost, S. Characterization of SI-GaAs bulk material for detector application 120146
Rogalla, M. *see* Chen, J.W. 114803
Rogalla, M. *see* Geppert, R. 120141
Rogalla, M. *see* Irsigler, R. 120139
Rogalski, A. Quantum well infrared photodetectors among the other types of semiconductor infrared detectors 69120
Rogalski, A., Ciupa, R. Long wavelength n^+-on-p HgCdTe photodiodes: Theoretical predictions and experimental data 64935
Rogalski, A., Ciupa, R. Theoretical modeling of long wavelength n^+-on-p HgCdTe photodiodes 96000
Rogalski, A. *see* Razeghi, M. 79398
Rogalski, A. *see* Razeghi, M. 100007
Rogaway, P. *see* Bellare, M. 86074
Rogaway, P. *see* Kilian, J. 97506
Rogdakis, E.D. Thermodynamic analysis, parametric study and optimum operation of the Kalina cycle 71143
Roge, T.P., Palmino, F., Savall, C., Labrune, J.C., Saintenoy, S., Wetzel, P., Pirri, C., Bolmont, D., Gewinner, G. Initial growth mode of Er silicide on Si(111) by solid phase epitaxy 82623
Rogeaux, E., Grognet, V., Cazaux, J.L., Coppel, F., Geen, M., Gatti, G. Standard MMICs for space application: a broadband high resolution phase-shifter 62363
Rogenmoser, R., Qiuting Huang An 800-MHz 1-µm CMOS pipelined 8-b adder using true single-phase clocked logic-flip-flops 61733
Rogenmoser, R. *see* Qiuting Huang 63935
Roger, D. *see* Brudny, J.F. 121492
Roger, D. *see* Kotny, J.L. 122042
Roger, G. *see* Nick, M. 68707
Roger, R.E., Cavenor, M.C. Lossless compression of AVIRIS images 67083
Roger-Folch, J., Lazaro Joares, V.J. Contribution to the transient analysis of induction motors solving the electrodynamic equations by using the finite elements method 81468
Rogers, A.J. *see* Xu, J. 64693
Rogers, C. *see* Harbridge, A. 121216
Rogers, C. *see* Krishnamurthi, K. 62242
Rogers, C. *see* Rahal, A. 114264
Rogers, C. *see* Sarma, K.R. 100201
Rogers, C.A. *see* Ackerman, A.E. 64490
Rogers, C.A. *see* Ashour, O. 82783
Rogers, C.A. *see* Chen Liang 61459
Rogers, C.A. *see* Lalande, F. 82812
Rogers, C.T. *see* Crawford, T.M. 115490
Rogers, C.T. *see* Kirschenbaum, L.S. 115640
Rogers, D. *see* Day, D.D. 108579
Rogers, D. *see* Ritter, M.B. 78866
Rogers, D.A., Ribeiro, P.F. Ethics, technology, and society in the heartland: their role in engineering education 92084
Rogers, D.C., Collins, J.V., Ford, C.W., Lucek, J., Shabeer, M., Sherlock, G., Cotter, D., Smith, K., Peed, C.M., Kelly, A.E., Gunning, P., Nesset, D., Lealman, I.F. Optical pulse pattern generation for self-synchronizing 100 Gbit/s networks 78692
Rogers, D.C. *see* Collins, J.V. 112941
Rogers, D.J. *see* Comley, V.E. 78344
Rogers, D.L. *see* Choi, J. 88572
Rogers, G. Demystifying power system oscillations 90918
Rogers, G.E. *see* Hoppe, F.J. 121169
Rogers, G.J. *see* Donnelly, M.K. 70816
Rogers, G.J. *see* Varma, R.K. 70723
Rogers, G.W. *see* Hayes, H.I. 98211
Rogers, G.W. *see* Marchette, D.J. 76942
Rogers, G.W. *see* Priebe, C.E. 108443
Rogers, G.W. *see* Solka, J.L. 103555
Rogers, J. The global autotracker–an automatic antenna pointing mechanism 76571
Rogers, J. *see* Billing, M. 90005
Rogers, J. *see* Blattner, P. 88605
Rogers, J. *see* Padamsee, H. 100471
Rogers, J.A., Dong Qin, Schueller, O.J.A., Whitesides, G.M. Elastomeric binary phase gratings for measuring acceleration, displacement, strain, and stress 119621
Rogers, J.C. *see* Sokolov, R.T. 71827
Rogers, J.G., Moisan, C., Hoskinson, E.M., Andreaco, M.S., Williams, C.W., Nutt, R. A practical block detector for a depth encoding PET camera 101314
Rogers, J.G. *see* Moisan, C. 90347
Rogers, J.G. *see* Moisan, C. 90355
Rogers, J.G. *see* Moisan, C. 101122
Rogers, J.G. *see* Moisan, C. 101255
Rogers, J.L. *see* Varhue, W.J. 82619
Rogers, J.S. *see* Farrington, P.A. 82171
Rogers, J.T. Photoelectron trapping mechanism for transverse coupled bunch mode growth in CESR 89968
Rogers, J.T., Billing, M.G., Dobbins, J.A., Dunnam, C.R., Hartill, D.L., Holmquist, T., McDaniel, B.D., Pelaia, T.A., Pisharody, M., Sikora, J.P., Strohman, C.R. Operation of a fast digital transverse feedback system in CESR 100525
Rogers, L. *see* Rajkumar, A. 88247
Rogers, L.E. *see* Catchmark, J.M. 65353
Rogers, M. *see* Naik, R. 91673
Rogers, M.C. *see* Leithead, W.E. 102573
Rogers, M.C.M. *see* Leithead, W.E. 70755
Rogers, P.J. The selection of IR optical materials for low-mass applications 115988
Rogers, R.M. Weapon IMU transfer alignment using aircraft position from actual flight tests 70609
Rogers, S. *see* Brandstrom, G.W. 98042
Rogers, S.J. *see* Matthewson, P.W. 119415
Rogers, S.K. *see* Broussard, R.P. 98035
Rogers, S.K. *see* Burns, T.J. 66932
Rogers, S.K. *see* Kocur, C.M. 70086
Rogers, S.K. *see* McCandless, D.A. 90458
Rogers, S.K. *see* Stright, J.R. 67047
Rogers, S.K. *see* Wilson, T.A. 86966
Rogers, S.K. *see* Wilson, T.A. 90873
Rogers, T.J., Nichols, K.B., Kopp, W.F., Smith, F.W., Actis, R. Pseudomorphic high-electron-mobility transistors with low-temperature-grown GaAs buffers 84485
Rogers, V. *see* Koopman, N. 94055
Rogers, V. *see* Koopman, N. 114466
Rogers, W.A. *see* Sanghyeon Baeg 73286
Rogers, W.Boyd *see* Boyd Rogers, W.
Rogers, W.J. *see* Azhari, H. 70046
Rogers, W.J.S. *see* Salman, S.K. 91139
Rogers, W.L. *see* Clinthorne, N.H. 101100
Rogers, W.L. *see* Clinthorne, N.H. 101210
Rogers, W.L. *see* Fessler, J.A. 110733
Rogers, W.L. *see* Wilderman, S.J. 101252
Rogers, W.L. *see* Wrobel, M.C. 101007
Rogerson, A. *see* Krantz, E.P. 96789
Rogerson, A. *see* Krantz, E.P. 116772
Roggan, A. *see* Mesecke-von Rheinbaben, I. 80433
Roggemann, M.C. *see* Ford, S.D. 77104
Roggen, J. *see* Christiaens, F. 112903
Roggen, J. *see* Czech, I. 119758
Rogier, H., Olyslager, F., De Zutter, D. A hybrid finite element integral equation approach for the eigenmode analysis of complex anisotropic dielectric waveguides 97267
Rogina, B.M. Crack monitoring of ship structure by fibre optic sensors 79518
Rogina, B.M., Vojnovic, B. Metastability evaluation method by propagation delay distribution measurement 61832
Rogl, P. *see* Keller, B. 78557
Roglans, J., Hill, D.J. The Experimental Breeder Reactor II seismic probabilistic risk assessment 71090
Rogler, R.-D. *see* Lobl, H. 121807
Rognon, J.P. *see* Bruguier, C. 121447
Rognon, J.P. *see* Petitclair, P. 121093
Rogoff, B. *see* Hastad, J. 108864
Rogoff, R. *see* Mulkens, J. 84276
Rogojan, R., Elisa, M., Stanculescu, A. Aluminophosphate-doped glasses new materials for optoelectronics 95634
Rogov, A.N. *see* Moskaletz, D.O. 64837
Rogov, A.N. *see* Ushakov, V.N. 64838
Rogov, S.A. *see* Vysotsky, M.G. 110050
Rogovin, K.W. *see* Siu-Leong Iu 67141
Rogovoi, V.I. *see* Datskovskii, L.Kh. 103079
Rogowski, J.B., Leszczynski, W., Mrozinski, J. Application of the DGPS technology in bathymetric surveys 80669
Rogozinski, R., Opilski, A. Integrated optical Mach-Zehnder interferometer (technology, structure, functioning) 85071
Rogozinski, R., Opilski, A. Defining refractive diffusive profiles of planar structures in glasses by means of a fringe pattern field 106836
Rogron, B. *see* Rossi, M. 70464
Roguin, J. *see* Montmeat, A. 111557
Rogulis, U., Dietze, C., Pawlik, T., Hangleiter, T., Spaeth, J.-M. Hole-trapping sites and the mechanism of the photostimulated luminescence of the X-ray storage phosphor $RbI:Tl^+$ 95977
Rogulski, M.M. *see* Klein, W.P. 101094
Roh, J., Kim, J., Hong, H., Kook, K. Interactive multimedia service platform using the ATM transport engine for business and institutional communities 67903
Roh, J.C., Kim, D.I. Performance of RA-T spread-spectrum transmission scheme for centralized DS/SSMA packet radio networks 118760
Roh, S.D. *see* Purchase, K.G. 88483
Roh, T.M., Suh, Y., Kim, B., Park, W., Lee, J.B., Kim, Y.S., Lee, G.Y. GaAs low-high doped MESFET MMIC power amplifier for CDMA/AMPS dual-mode cellular telephone 114303
Roh, W., Cho, J., Kim, H. Characterization of Pt-Cu-Fe ternary electrocatalysts supported on carbon black 91724
Roh, W.B., Ratcliff, A.H., Summers, T.A. Diode arrays, phase conjugation, and array mode control 65448
Roh, Y.R., Kim, H.B., Lee, Y.J., Cho, H.M., Chung, J.S., Baik, S. Development of SAW gas sensor for monitoring SO_X gas 110257
Roh, Y.R., Varadan, V.V., Varadan, V.K. Optimal design of immersed SAW devices for high- and low-frequency sensor applications 84744
Roh Byung Hyug *see* Byung Hyug Roh
Roh June Chul *see* June Chul Roh
Roh Rhee Byung *see* Byung Roh Rhee
Roh Tae Hoon *see* Tae Hoon Roh
Roh Tae-Hoon *see* Tae-Hoon Roh
Roh Taemoon *see* Taemoon Roh
Rohall, S.L. *see* Zabele, S. 67740
Rohan, D., Doyle, D., O'Neil, M.O. Anomalous stress effects of trench isolation 63293
Rohan, J.F. *see* Eweka, I.E. 112216
Rohatgi, A., Chou, H.C., Jokerst, N.M., Thomas, E.W., Ferekides, C., Kamra, S., Feng, Z.C., Dugan, K.M. Effects of CdTe growth conditions and techniques on the efficiency limiting defects and mechanisms in CdTe solar cells 112365
Rohatgi, A., Narasimha, S., Kamra, S., Khattak, C.P. Fabrication and analysis of record high 18.2% efficient solar cells on multicrystalline silicon material 102980
Rohatgi, A., Sana, P., Cai, L., Doolittle, W.A., Kamra, S., Doshi, P., Krygowski, T., Crotty, G. Fabrication and analysis of high efficiency multicrystalline silicon solar cells 112346
Rohatgi, A. *see* Cai, L. 114856
Rohatgi, A. *see* Chou, H.C. 112404
Rohatgi, A. *see* Doshi, P. 102981
Rohatgi, A. *see* Doshi, P. 103000
Rohatgi, A. *see* Feng, Z.C. 72779
Rohatgi, A. *see* Seung-Soo Han 102996
Rohatgi, A. *see* Sopori, B.L. 94289
Rohatgi-Mukherjee, K.K. *see* Bhattacharyya, R.G. 71615
Rohde, D. *see* Braun, R.P. 88236
Rohde, G. *see* Koch, T. 109029
Rohde, M.A., Meyer, A.S., Landy, C.F. Modification of an induction motor rotor for low cost synchronous reluctance application using finite element analysis 91466
Rohde, M.A., Meyer, A.S., Landy, C.F. The use of finite element analysis to optimise induction motor rotor profiles for synchronous reluctance operation 102699
Rohde, S.L. *see* Jooste, B.R. 88965
Rohde, U.L. Oscillator design for lowest phase noise 73147

Rohde, U.L., Chao-Ren Chang Analysis and optimization of oscillators for low phase noise and low power consumption 73157
Rohdjess, H. *see* Albers, D. 69756
Rohe, R., Valentine, J.D. A novel Compton scatter camera design for in-vivo medical imaging of radiopharmaceuticals 101261
Rohe, T. *see* Wunstorf, R. 110550
Rohfleisch, B., Kolbl, A., Wurth, B. Reducing power dissipation after technology mapping by structural transformations 83027
Rohland, B. Token-based information security for commercial and federal information networks 66270
Rohlecke, S. *see* Alhallani, B. 92898
Rohlena, K. *see* Kodymova, J. 107062
Rohlena, K. *see* Woryna, E. 110530
Rohlev, L. *see* Earley, L. 82906
Rohlev, L. *see* Hall, R. 84984
Rohlfing, S. *see* Matthaei, G.L. 83313
Rohlfing, S.M. *see* Matthaei, G.L. 98964
Rohlig, S. *see* Klinge, R. 112559
Rohlig, S. *see* Losel, T. 112560
Rohling, H., Grunheid, R. Performance of an OFDM-TDMA mobile communication system 118976
Rohling, H. *see* Mueller, T. 78544
Rohling, H. *see* Muller, T. 79083
Rohlmann, A., Riley, L.H., III, Bergmann, G., Graichen, F. In vitro load measurement using an instrumented spinal fixation device 101068
Rohm, E. Benchmark testing of various VHDL logic simulators 113891
Rohm, I., Genrich, M., Collier, W., Pilloton, R., Bilitewski, U. UV-polymerization of enzyme containing screen printing pastes the latest strategy for the production of biosensors for environmental and bioprocess applications 69333
Rohman, H. *see* Cai, H. 120359
Rohmfeld, S. *see* Stockel, R. 72921
Rohner, C. The right antenna for every mobile-radio base station 86012
Rohr, P. *see* Grob, A. 94660
Rohrbaugh, G. *see* Giacalone, G. 73368
Rohrbaugh, M. *see* Parsi, K. 75263
Rohrer, A. Comparison of combined heat and power generation plants 71136
Rohrer, A. Comparison of combined heat and power generation 91364
Rohrer, H. The nanoworld: chances and challenges 115294
Rohrkemper, R. *see* Joseph, E.D. 112587
Rohrmann, H. *see* Becker, S. 106591
Rohrs, C.E. Decision feedback equalization and capacity on the linear stationary Gaussian channel 77561
Rohrs, C.E., Berry, R.A., O'Halek, S.J. A control engineer's look at ATM congestion avoidance 77661
Rohrs, C.E., Berry, R.A., O'Halek, S.J. Control engineer's look at ATM congestion avoidance 87295
Rohwer, H.E. *see* Crouse, P.L. 104122
Roig, J.M. *see* Ferrando, A.T. 61716
Roig, O. *see* Pastor, E. 73010
Roijen, R.van *see* van Roijen, R.
Roik, A. *see* Baida, N. 113643
Roil, R.A. *see* Shahid, M.A. 119225
Roisse, E., Barthelemy, A. Diode-pumped multipass laser amplifier 75903
Roitberg, A. *see* Mujica, V. 73895
Roitman, A.M. *see* Moreland, L.D. 62627
Roitman, A.M. *see* Moreland, L.D. 105070
Roitman, D. *see* Sheats, J.R. 116244
Roizes, A. *see* Mollier, J.C. 79415
Roizin, Ya.O. *see* Safronsky, E.D. 69113
Rojak, M., Shurina, E., Soloveichik, Yu., Grudiev, A., Tiunov, M., Vobly, P. MASTAC–new code for solving three-dimensional non-linear magnetostatic problems 85799
Rojas, A., Vojnovic, B., Johns, H., Joiner, M.C., Martindale, C., Fowler, J.F., Denekamp, J. Radiosensitisation in normal tissues with oxygen, carbogen or nicotinamide: Therapeutic gain comparisons for fractionated X-ray schedules 90588
Rojas, C. *see* Jose, J.V. 95475
Rojas, I., Pelayo, F.J., Ortega, O., Prieto, A. A CMOS implementation of fuzzy controllers based on adaptive membership function ranges 62075
Rojas, J.L., Dominguez, M., Villares, P., Jimenez-Garay, R. Changes in the electrical conductivity of amorphous semiconductors 94396
Rojas, R.F.C. *see* Reynoso, V.C.S. 74442
Rojas-Laguna, R. *see* Kuzin, E.A. 78794
Rojat, B. *see* Pinatel, C. 93819
Rojdestvenski, I.V., Cottam, M.G., Slavin, A.N. Dipole-exchange spin wave spectra of exchange-coupled magnetic multilayers calculated by transfer matrix formalism 75178
Roje, V. *see* Poljak, D. 76619
Rojewski, W. *see* Dzierzanowski, W. 102925
Rojo, M. *see* Munoz, J. 110347
Rojo, O., Soto, R. Perron root bounding for nonnegative persymmetric matrices 72632
Rojo, R.Rangel *see* Rangel Rojo, R.
Rojo, V. *see* Guardiola, J. 76339
Rok Lee Sang *see* Sang Rok Lee
Rokicki, T. *see* Cherkasova, L. 87332
Rokita, E., Wrobel, A., Kwiatek, W.M., Dutkiewicz, E. The new PIXE setup at the Institute of Nuclear Physics in Kraków 100380
Rokita, E. *see* Maj, B. 100766
Rokitansky, C.-H., Wietfeld, C. Markov chain analysis methods and simulation tools for performance evaluation and validation of vehicle-roadside communications 88126
Rokitansky, C.-H., Wietfeld, C. Performance evaluation of data link layer (MAC/LLC)—protocols proposed for standardization 98460
Rokni, M., Levinson, Y. Joule heat in point contacts 74774
Rokni, S. *see* Alexandrof, V.A. 100628
Rokotian, I.S. *see* Stroev, V.A. 101903
Roks, E., Centen, P.G., Bosiers, J.T., Huinink, W.F. The double-sided floating-surface detector: an enhanced charge-detection architecture for CCD image sensors 89163
Roks, E., Centen, P.G.M., Bosiers, J.T., Huinink, W.F. The double-sided floating-surface detector: an enhanced charge-detection architecture for CCD image sensors 110201
Rokugawa, H., Fujimoto, N., Odagawa, T., Horimatsu, T. Low-voltage gigabit optical transmitter using a direct logic gate modulation of a tandem-electrode laser 88569
Rol, P. *see* Manns, F. 101413
Rolain, Y., Vandersteen, G., Schreurs, D., Van den Bosch, S. Parametric modelling of linear time invariant S-parameter devices in the Laplace domain 115233
Rolain, Y. *see* Schoukens, J. 66760
Rolain, Y. *see* Schoukens, J. 68996
Rolain, Y. *see* Steenput, E. 109989
Rolain, Y. *see* Vandersteen, G. 63560
Rolain, Y. *see* Vandersteen, G. 119852
Rolain, Y. *see* Vuerinckx, R. 108319
Roland, C. *see* Gilmer, G.H. 72843
Roland, P.A. The use of strain gauges to measure low velocity fluid flow 80672
Rolando, A. Radio characteristics of the CTDMA and OFDM techniques and their possible applications to future mobile services (UMTS) 78422
Roldan, J. *see* Brusic, V. 61446
Roldan, J.B., Gamiz, F., Lopez-Villanueva, J.A., Carceller, J.E. Low-temperature modelling of electron-velocity-overshoot effects on 70-250 nm gate-length MOSFETs 94975
Roldan, J.B., Gamiz, F., Lopez-Villanueva, J.A., Carceller, J.E. A Monte Carlo study on the electron-transport properties of high-performance strained-Si on relaxed $Si_{1-x}Ge_x$ channel MOSFETs 115188
Roldan, J.B. *see* Gamiz, F. 94608
Roldan, J.B. *see* Gamiz, F. 94610
Roldan, J.B. *see* Gamiz, F. 114669
Roldao, P. *see* Mendes, V.M.F. 102020
Roldugin, S.V. *see* Trifonov, A.P. 117403
Rolefs, L. *see* Morgner, U. 96209
Rolefs, L. *see* Morgner, U. 107212
Roletter, G., Gandhi, P. Design of an underwater acoustic simulator with programmable DSPs 99675
Rolf, A. *see* Goessling, C. 110549
Rolf, A. *see* Richter, R.H. 110564
Rolf, A. *see* Wunstorf, R. 110550
Rolfe, G.A. Radar image overlay on an ECDIS system–an overview 79028
Rolfe, P. Cellular engineering–prospects for sensing and processing 89176
Rolfe, P. *see* Sifu Zhang 110242
Rolfe, P. *see* Taktak, A. 101379
Rolfe, P. *see* Zhang, S. 101064
Rolfe, S.J. *see* Dion, M. 96303
Rolfe, S.J. *see* Lafontaine, H. 82636
Rolfs, C. *see* Gialanella, L. 100639
Rolfs, C. *see* Kubsky, S. 100756
Rolfs, C. *see* Stephan, A. 100765
Rolfsman, L., Wihlborg, S. Screw compressor capacity regulated by stepless speed control 82014
Roli, F. Measure of texture anisotropy for crack detection on textured surfaces 82814
Roli, F. *see* Serpico, S.B. 120918
Rolik, Yu. The application of a nonlinear converter of electrical signals to the control of power systems 121026
Rolim, J.G., Irving, M.R., Machado, L.J.B. Simulating switching of transmission lines in power systems 101908
Rolk, A. *see* Baida, N. 104284
Rolland, A., Richard, J., Kleider, J.P., Mencaraglia, D. Source and drain parasitic resistances of amorphous silicon transistors: comparison between top nitride and bottom nitride configurations 105967
Rolland, A. *see* Merckel, G. 84372
Rolland, A. *see* Merckel, G. 84373
Rolland, B. *see* Dijon, J. 107465
Rolland, C. *see* Bardyszewski, W. 95813
Rolland, C. *see* Putz, N. 96067
Rolland, C. *see* Rousina-Webb, R. 92946
Rolland, C. *see* Stroman, P.W. 80346
Rolland, C. *see* Yu, J. 85105
Rolland, E., Pirkul, H., Glover, F. Tabu search for graph partitioning 82449
Rolland, P. Four coloring for a subset of maximal planar graphs with minimum degree five 103661
Rolland, P.A. *see* Cailleu, D. 66096
Rolland, P.A. *see* Cailleu, D. 86006
Rolland, P.A. *see* Tachafine, A. 62293
Rolland, R. *see* Cherdieu, J.P. 66546
Roller, A., Stoecklein, W. Fortified with fiber optics: Optical fiber cables best suited for monitoring power lines 88617
Rollet, P. Piloted simulation in rotorcraft design and development. EUROCOPTER experience and future trends 120596
Rollett, D.A., Drake, A.E. Traceable magnetic field strength measurements to 120 kHz 89470
Rollett, J.S. *see* Campos, F.F. 72610
Rollman, J. *see* Glass, E. 83459
Rollman, J. *see* Glass, E. 93789
Roloff, H.E. *see* Baehr, J. 69755
Rolston, D.R. *see* Plant, D.V. 85326
Rolston, D.R. *see* Plant, D.V. 96050
Rolz, L., Wolter, S., Klee, B., Schontube, E. Possibilities of classification of topographically distributed neurophysiological multi-channel data 90531
Rom, D.M. *see* Chang, C.-K. 103548
Rom, R., Shavitt, Y. A combined fast-routing and bandwidth-reservation algorithm for ATM networks 108878
Roma, M. *see* Bortolotti, C. 79102
Roma, M. *see* Ferris, M.C. 82507
Romagnoli, M. *see* Franco, P. 76185
Romagnoli, M. *see* Midrio, M. 99483
Romagnoli, M. *see* Midrio, M. 107155
Romagnoli, M. *see* Midrio, M. 107610
Romagnoni, P.C. *see* Lazzarin, R.M. 91958
Romain, J.P. *see* Couturier, S. 89515
Roman, C., Bodea, O., Santa, N., Prodan, N., Levi, A., Cordos, E. The effects of upper electrode on the dielectric loss tangent of a capacitive-type humidity sensor 69036
Roman, F., Cooray, V., Scuka, V. Corona from floating electrodes 75013
Roman, G. *see* Dobrowiecki, T.P. 119555
Roman, G.-C. *see* Wilcox, C.D. 68115
Roman, H. *see* Haubrich, H.-J. 121806
Roman, I., Zeides, F., Staniek, G., Peters, M., Kaysser, W.A. Mechanical properties and acoustic emission of Al-Fe matrix composites 113611
Roman, J., Csach, K., Flachbart, K., Miskuf, J., Pavlik, V., Somora, M. Electronic transport in thick film resistors at low temperatures at low temperatures 62371
Roman, J. *see* Colomb, F. 82207
Roman, J. *see* Gardner, P. 102558
Roman, J.E. *see* Gnewuch, H. 95733
Roman, J.E. *see* Hickey, L.M.B. 64592
Roman, L.S., Denicolo, I., Nart, F.C., Hummelgen, I.A. The unstable behaviour of Ag/PPV charge injection contacts 96041
Roman, L.S. *see* Hummelgen, I.A. 64969
Roman, L.S. *see* Hummelgen, I.A. 74504
Roman, R.S. *see* Rustako, A.J., Jr. 78506
Roman, T. *see* Culcer, M. 119929
Roman, T. *see* Curuia, M. 69879
Roman, T. *see* Iliescu, M. 119823
Roman, T.G.S. *see* Alba, J.J. 91009
Romananyuk, B.M. *see* Vakulenko, O.V. 106476
Romanato, F. *see* Leo, G. 63051
Romanato, F. *see* Leo, G. 74180
Romanato, F. *see* Leo, G. 82639
Romanato, F. *see* Revenant-Brizard, C. 83811
Romancwicz, J. *see* Wang Jiyang 64301
Romand, M. *see* Afif, M. 94183
Romand, M. *see* Alami, M. 82775
Romanello, E. Development of medium voltage network structures in the rural field 102131
Romanenko, A.F., Silant'ev, Yu.N., Krymov, V.S. Efficiency of using the GLONASS global satellite radionavigation system in the interests of GNSS-1 109828
Romanets, R., Bolshakov, V., Dikarev, B., Karasev, G. Reversal currents in dielectric liquids 64036
Romani, A., Bergamaschi, R., Versino, M., Zilioli, A., Sartori, I., Callieco, R., Montomoli, C., Cosi, V. Estimating reliability of evoked potential measures from residual scores: an example using tibial SSEPs 90519
Romani, G.L. *see* Comani, S. 80393
Romanini, D. Very high sensitive absorption spectroscopy: ring down cavity and intracavity laser absorption 76320
Romanini, D., Kachanov, A., Lacot, E., Stoeckel, F. Loss of spectral memory in the relaxation oscillations of a multimode solid-state laser 96184
Romanini, D. *see* Kachanov, A. 75898
Romanishin, I.M. Acoustoelastic tomographic reconstruction of the tensor stress field 113583
Romankiw, L.T. *see* Datta, M. 60636
Romankiw, L.T. *see* Shenoy, R.V. 92185
Romanko, L.A. *see* Gontar, A.G. 72875
Romano, A.J., Bucaro, J.A., Shirron, J.J. On the induced phase shift of dynamically forced optical fibers: theory and numerical simulation 106793
Romano, G. *see* Krenz, R. 78413
Romano, G. *see* Levi, L. 78415
Romano, G. *see* Levi, L. 78416
Romano, G. *see* Levi, L. 78417
Romano, G. *see* Levi, L. 78595
Romano, G. *see* Muratore, F. 99339
Romano, G. *see* Muratore, F. 119121
Romano, J.M.T. *see* da Rocha, C.A.F. 77068
Romano, J.M.T. *see* Gimenez, J.R.B. 92579
Romano, J.M.T. *see* Resende, L.S. 66815
Romano, L.T., Northrup, J.E., O'Keefe, M.A. Inversion domains in GaN grown on sapphire 114632

Romano, L.T. *see* Gotz, W. 83833
Romano, M. *see* Gialanella, L. 100639
Romano-Rodriguez, A. *see* Perez-Rodriguez, A. 94712
Romano-Rodriguez, A.A. *see* Serre, C. 61248
Romanofsky, R.R. On the relationship between Schottky barrier capacitance and mixer performance at cryogenic temperatures 84305
Romanofsky, R.R. *see* Javadi, H.H.S. 93778
Romanov, G., Ivanov, S., Dohlus, M., Holtkamp, N. Some remarks on the location of higher order modes in tapered accelerating structures with the use of a coupled oscillator model 89958
Romanov, I. *see* Fetisov, Y. 84843
Romanov, M.L. *see* Chugunov, A.A. 93004
Romanov, O.G. *see* Karpuk, S.M. 116760
Romanov, O.V., Bershev, N.E. Monitoring of the formation and removal of ultrathin SiO_2 layers on an initial hydrogenated surface of single-crystal silicon 63373
Romanov, O.V., Kotov, I.A. Total and fine structure of the distribution of intrinsic traps over the thickness of an amorphous thermal SiO_2 layer on Si 63172
Romanov, S.V. *see* Izotova, V.F. 89537
Romanov, S.V. *see* Melnikov, L.A. 95690
Romanov, S.V. *see* Mel'nikov, L.A. 116966
Romanov, V.A. *see* Volkov, E.I. 82995
Romanov, V.I., Krivutsa, V.A. A combined 16-25 MW gas-steam installation with waste-gas heat recovery and water regeneration from steam-gas flow 102487
Romanova, E.A. *see* Akchurin, G.G. 95691
Romanova, E.A. *see* Melnikov, L.A. 95690
Romanova, E.A. *see* Mel'nikov, L.A. 116966
Romanova, M.P. *see* Frolov, A.V. 86903
Romanova, M.V. *see* Vasil'ev, L.N. 62774
Romanovskii, V.R. *see* Gavrilin, A.V. 81094
Romanowska, E.M., Janse van Rensburg, D.J. Down-range test zone characterization for compact ranges 68642
Romanowski, A., Buczkowski, A., Sukidi, N., Rozgonyi, G.A. Measurement of trapping centers in crystalline Si by frequency resolved laser microwave photoconductance decay 105103
Romans, L.J. *see* Kursinski, E.R. 70484
Romanychev, G. *see* Feldman, Y. 119546
Romao, F.L., Soares, J.N., Silveira, R., Van Noije, W.A.M. 1.2 Gb/s SONET/SDH demux in CMOS technology 98975
Romao, T.I. *see* Dias, A.E. 78205
Romare, D. *see* Rizk, M.S. 98245
Romariz, A.R.S., Ferreira, P.U.A., Campelo, J.V., Jr., Graciano, M.L., Jr., da Costa, J.C. Design of a hybrid digital-analog neural co-processor for signal processing 104775
Romary, R. *see* Kotny, J.L. 122042
Romashkin, A.V. *see* Shuvalov, M.Y. 70908
Romashkin, A.V. *see* Shuvalov, M.Yu. 102155
Romasko, V.P. *see* Dovbnya, A.N. 90081
Rombaut, C. *see* Garcia, J. 63526
Rombaut, C. *see* Garcia, J. 113750
Rombaut, M. *see* de Saint Blancard, M. 98135
Romdhane, Y.B., Berkouk, E., Manesse, G. Elaboration and comparison of different methods for neutral point voltage control of NPC inverter 91656
Romdhane, Y.B. *see* Berkouk, E. 102713
Romdhane, Y.B. *see* Berkouk, M. 91671
Romdhane, Y.Ben *see* Ben Romdhane, Y.
Romdhani, M. *see* Sahraoui, A.E.K. 70342
Romdhani, M. *see* Sahraoui, A.E.K. 80557
Rome, H.J. *see* Weitzen, J.A. 119336
Romeas, R. *see* Trousset, Y. 70059
Romeiser, R. Optimization of a composite surface model for the radar backscattering cross section of the ocean surface as measured by wind scatterometers 120822
Romeiser, R., Thompson, D.R. On the detection of spatially varying current fields at the ocean surface by along-track interferometric synthetic aperture radar 120834
Romenesko, B.M. Ball grid array and flip chip technologies: their histories and prospects 82275
Romeny, B.Ter Haar *see* Ter Haar Romeny, B.
Romeo, G. *see* Mainella, G. 68822
Romeo, J.V. Harnessing light through fiber optic attenuation: Real-world performance 119454
Romer, D. *see* Schimpe, R. 78656
Romero, A. *see* Alvsvaag, S.J. 90124
Romero, A.M. *see* Saez-Vergara, J.C. 101454
Romero, A.M. *see* Saez-Vergara, J.C. 110995
Romero, B. *see* Czotscher, K. 107237
Romero, B. *see* Esquivias, I. 107229
Romero, B. *see* Esquivias, I. 107311
Romero, C. *see* Krist, K. 81749
Romero, D.M. *see* Kojima, K. 75991
Romero, G.L., Martinez, J.L., Jr. Development of metal matrix composite baseplate technology for high current power modules 92256
Romero, G.L. *see* Fusaro, J.M. 82231
Romero, I. *see* Zemliak, A. 93832
Romero, I. *see* Zemliak, A. 114298
Romero, J., Plotkin, E.I., Swamy, M.N.S. Reproducing kernels and the use of root loci of specific functions in the recovery of signals from nonuniform samples 66780
Romero, J. *see* Millan, M.S. 117536
Romero, L. *see* Dvorak, L.L. 121191
Romero, L.A. *see* Ghiglia, D.C. 117628
Romero, M.A., Martinez, M.A.G., Herczfeld, P.R. The photoresponse of microwave HEMTs: semi-analytical modeling 93833
Romero, M.A. *see* de Barros, L.E.M., Jr. 73764
Romero, R.J. *see* Quagliano, J.R. 110427
Romero, S.P. *see* Melo, A.C.G. 101741
Romestain, R. *see* Lerondel, G. 94260
Romestain, R. *see* Likforman, J.-P. 105317
Romig, P.R., III *see* Kess, B.L. 120701
Romine, J.B., Kamen, E.W. Modeling and fusion of radar and imaging sensor data for target tracking 67381
Romisch, W., Schultz, R. Lipschitz stability for stochastic programs with complete recourse 92550
Romo, M.A. *see* Picazo, M.L. 90628
Romoeuf, L. *see* Gravey, A. 77709
Romoli, A., Pieri, S. Simulation of holographic and diffractive optical elements based on Zernike polynomials 65550
Romoli, A. *see* Olivieri, M. 116171
Romoli, M. *see* Gialanella, L. 100639
Rompaey, K.Van *see* Van Rompaey, K.
Rompaey, Y.van *see* van Rompaey, Y.
Romrell, G. *see* Brown, R. 70405
Ron, A. *see* Ashkinadze, B.M. 63039
Ron, A. *see* Gekhtman, D. 63005
Ron, A. *see* Kleckner, M. 96075
Ron, A. *see* Zhang, T.B. 110515
Ron, P.H. *see* Rajawat, R.K. 76452
Rona, M. *see* Jie Shi 81659
Ronan, M. *see* Fieguth, T. 100708
Roncato, J.P. Gas-fired cogeneration: what future in the European context? 91309
Roncero, J.L. *see* Lafuente, E. 118658
Ronchetti, L. *see* Cipriani, L. 78199
Ronchi, M. *see* Cucchi, S. 66594
Roncin, A. *see* Lim, C.S. 110737
Ronda, A. *see* Derrien, J. 64990
Ronda, J.I., Jaureguizar, F., Garcia, N. Overflow-free video coders: Properties and optimal control design 86543
Rondeau, G. *see* Nolting, E. 69899
Rondelez, F. *see* Vuillaume, D. 106369
Rondeshagen, D. *see* Annis, P. 80121
Rondi, D. *see* Goutain, E. 65214
Rondi, D. *see* Goutain, E. 107281
Rondi, D. *see* Joergensen, C. 99458
Rondi, D. *see* Ratovelomanana, F. 78778
Rondi, D. *see* Vodjdani, N. 68419
Ronen, B. *see* Coman, A. 92305
Ronfard, R., Rossignac, J. Full-range approximation of triangulated polyhedra 108398
Rong, A.S., Tripathi, V.K., Zhong Liang Sun FDTD simulation of signal degradation in lossy and dispersive coplanar waveguides for high-speed digital circuits 93662
Rong, R., Lowther, D.A. Adapting design using dimensional models of electromagnetic devices 65718
Rong, S., Bhanu, B. Characterizing natural backgrounds for target detection 77136
Rong, S., Bhanu, B. Modeling clutter and context for target detection in infrared images 86374
Rong Chen *see* Chen Rong
Rong Gang, Ma Jimao, Mao Huishun, Bai Jingzhi, Xie Peipei, Yan Jie, Wang Yunyong, Mao Zepu, Liu Rongguang, Sun Shijun, Li Weiguo, Song Xiaofei, Wu Zhendong Study of particle identification using dE/dx in the BES large cylindrical drift chamber 120206
Rong Gang *see* Ni Lin 98196
Rong Guo Guan *see* Guan Rong Guo
Rong He, Reed, J. A robust co-channel interference rejection technique for current mobile phone system 109562
Rong He, Reed, J.H. AMPS interference rejection by exploiting the SAT information 88353
Rong Li, X., Bar-Shalom, Y. Tracking in clutter with nearest neighbor filters: analysis and performance 86024
Rong Lin A new shift switch model and large-size parallel counters 93316
Rong Lu *see* Lu Rong
Rong Lu Cheng *see* Cheng Rong Lu
Rong Mingzhe, Wang Qiping Effects of additives on the AgSnO2 contacts erosion behavior 62428
Rong Ruowen *see* Ruowen Rong
Rong Seng Chang, Yun Long Lay, Chern Sheng Lin Fuzzy neural net and computer simulation method for fabricating holographic plastic material 76291
Rong Seng Chang *see* Yun Long Lay 100359
Rong Shao Ding *see* Shao Ding Rong
Rong Tay Hsu, Wei Chou Hsu, Jiann Shiun Wang, Ming Jer Kao, Yu Huei Wu, Jan Shing Su Study of zinc-delta-doped strained quantum well InGaAs/GaAs p-channel heterostructure field-effect transistors 63779
Rong Wang *see* Jianping Fan 117547
Rong Yan *see* Song Pengto 120981
Rong Zhang *see* Shulin Gu 82759
Rong-Chau Liu *see* Lih-Wen Laih 84360
Rong-Chung Chen *see* Pao-Ta Yu 77254
Rong-Chung Tyan *see* Fang Xu 116750
Rong-Han Wu *see* Yong-Zhen Huang 65218
Rong-Heng Yuang, Jen-Inn Chyi, Wei Lin, Yuan-Kuang Tu High-speed InGaAs metal-semiconductor-metal photodetectors with improved responsivity and process yield 119683
Rong-Huey Huang *see* Hsi-Ching Chen 81513
Rong-Huey Huang *see* Wen-Ying Chang 81514
Rong-Liang Yan *see* Yan Rong-Liang
Rong-Lin Jiang *see* Tzuen-Lih Chern 81478
Rong-Ren Lee *see* Ging-Ho Hsiue 85646
Rong-Ren Lee *see* Te-Hwei Suen 85651
Rong-Sheng Chen, Qin Li Analysis of polarization properties of fused taper bow-tie fiber couplers 75480
Rong-Tay Hsu *see* Ming-Jer Kao 95036
Rongbin Ji *see* Ji Rongbin
Rongching Dai, Stein, R.B., Andrews, B.J., James, K.B., Wieler, M. Application of tilt sensors in functional electrical stimulation 80421
Rongchuan Fang *see* Dayan Ban 83910
Rongchuan Fang *see* Fengyuan Yang 83909
Rongchuan Fang *see* Fang Rongchuan
Rongen, F. *see* Weber, S. 101109
Rongen, R.T.H., Leys, M.R., Vonk, H., Wolter, J.H., Oei, Y.S. Substitution of InP layers to InAs for strain compensation in $Ga_xIn_{1-x}As/InP$ superlattices 105350
Rongen, R.T.H. *see* Vreeburg, C.G.M. 103953
Rongguang Liu *see* Liu Rongguang
Ronghai Xiang *see* Xiang Ronghai
Ronghan Wu *see* Wu Ronghan
Ronghua Shi *see* Shi Ronghua
Ronghua Wang *see* Xiaodong Huang 82669
Ronghui Shen *see* Shen Ronghui
Rongina, B.M. *see* Vidmar, B. *(editor)* 60421
Rongjiang Cao *see* Cao Rongjiang
Rongjin Yu *see* Yu Rongjin
Rongli Geng *see* Geng Rongli
Rongliang Yan *see* Guoqiang Zhang 84391
Rongliang Yan *see* Yuanfu Zhao 94736
Ronglin Li *see* Li Ronglin
RongLin Liou *see* Hao Wu 105040
Rongping Wang *see* Oguzman, I.H. 114620
Rongqing Xu *see* Xu Rongqing
Rongrui Xiao, Chandrasekar, V. Multiparameter radar snowfall estimation using neural network techniques 120753
Rongwei Xuan *see* Xuan Rongwei
Rongxiang Zhang *see* Zhang Rongxiang
Rongyi Pan *see* Pan Rongyi
Ronk, R.M. *see* Pietrzak, W.S. 80460
Ronkainen, H. *see* Tarvainen, E. 93870
Ronkel, F., Schultze, J.W., Arens-Fischer, R. Electrical contact to porous silicon by electrodeposition of iron 94576
Ronnekleiv, A. *see* Rooth, S. 106418
Ronnekleiv, A. *see* Rooth, S. 111356
Ronngren, R., Liljenstam, M., Ayani, R., Montagnat, J. Transparent incremental state saving in Time Warp parallel discrete event simulation 78466
Ronnqvist, C., Pedersen, F., Fransson, K., Gustafsson, L., Kullander, S. Development of a digital X-ray imaging detector 101310
Ronse, C. A lattice-theoretical morphological view on template extraction in images 117770
Ronse, K. *see* Van den Hove, L. 63490
Ronsin, J. *see* Li, W. 77351
Ronsin, J. *see* Ogor, B. 111320
Ronsin, J. *see* Wang, D. 77273
Rontogiannis, A.A., Theodoridis, S. On inverse factorization adaptive least-squares algorithms 97850
Ronveaux, A. *see* Kaliaguine, V. 60968
Ronveaux, A. *see* Letessier, J. 72607
Ronxiang Ma *see* Min Jiang 89348
Ronyai, L. *see* Babai, L. 92460
Ronyai, L. *see* De Graaf, W. 103743
Roo, P., Spencer, R.R., Hurst, P.J. Analog timing recovery architectures for PRML detectors 73582
Roobol, C. On the packet delay in wireless local area networks with access port diversity and power control 87856
Roofthooft, R.L.A. *see* Asay, R.H. 71075
Rooij, M.Van *see* Van Rooij, M.
Rooij, N.F.de *see* de Rooij, N.F.
Rooijams, J., Aerts, H., van Genuchten, M. Consumer electronics and software quality 119398
Rooimans, R. *see* Fatah, O. 78476
Rooimans, R.G.A. *see* Prasad, R. 78514
Rook, M. *see* Brauksiepe, S. 100815
Rookhuizen, H.B. *see* Luijckx, G. 79917
Rooks, M.J. *see* Albert, J. 106798
Rooks, M.J. *see* Koester, S.J. 74421
Rooney, B.D., Valentine, J.D. Benchmarking the Compton coincidence technique for measuring electron response non-proportionality in inorganic scintillators 100873
Rooney, S. *see* Chaminade, G. 108982
Roop, P.S. *see* Mitra, R.S. 61860
Roorda, P.D., Leung, V.C.M. Dynamic control of time slot assignment in multiaccess reservation protocols 87404
Roos, A.de *see* de Roos, A.
Roos, C. *see* Jansen, B. 103682
Roos, H.-G. A note on the conditioning of upwind schemes on Shishkin meshes 113248
Roos, J. *see* Steenekamp, P. 98581
Roos, J.G., Kern, C.F. Modelling customer demand response to dynamic price signals using artificial intelligence 101805
Roos, J.G., Lane, I.E. A knowledge-based end-user demand response modelling tool for customised electricity pricing agreements 101832
Roos, K.P. *see* Lin, G. 79573
Roos, K.P. *see* Lin, G. 80188
Roos, M. An extension of Janson's inequality 60845
Roos, S. *see* Lundh, P. 88023

Roos, S.D., Ferreira, J.A. Transfer function for the partial series resonant converter 102875
Roos, W.D. *see* Viljoen, P.E. 105126
Roosdorp, J.W.M. *see* Soares, M.R. 121204
Roose, D. *see* Luzyanina, T. 92622
Roose, D. *see* Meerbergen, K. 82533
Roose, E. *see* Peeters, J. 118700
Roosen, G. *see* De Montmorillon, L.-A. 96645
Roosen, G. *see* Delaye, P. 115979
Roosendaal, S.J. *see* Maree, C.H.M. 116202
Roosli, P., Fenner, D. Ascotel bcs 4/bcs 16: a new digital communications system for small offices 118726
Roosmalen, A.J.Van *see* Van Roosmalen, A.J.
Roosmalen, H.R.R.Van *see* Van Roosmalen, H.R.R.
Roosmalen, H.van *see* van Roosmalen, H.
Roosmalen, J.A.M.van *see* van Roosmalen, J.A.M.
Roost, T. *see* Asano, T. 66948
Root, D.E. Analysis and exact solutions of relaxation-time differential equations describing non quasi-static large signal FET models 63530
Root, D.E. *see* Pirola, M. 114265
Root, L. *see* Bricault, P.G. 79993
Root, L. *see* Kuo, T. 100702
Root, M.J. Electrochemical impedance of AgO/Zn and HgO/Zn cells 81656
Root, R. *see* Nkansa-Kissi, A. 97605
Rooth, S., Ronnekleiv, A. The application of pseudoinverse matrices for diffraction calculation of SAW propagation in transducers 106418
Rooth, S., Ronnekleiv, A. A fast and accurate solution of the one-dimensional charge distribution in a non-periodic structure 111356
Roovers, R., Steyaert, M.S.J. A 175 Ms/s, 6 b, 160 mW, 3.3 V CMOS A/D converter 73480
Rooy, M.van *see* van Rooy, M.
Rooy, T.L.van *see* van Rooy, T.L.
Rooyackers, R. *see* Mieville, J.-P. 63918
Rooyen, P.van *see* van Rooyen, P.
Roozeboom, F. Introduction: history and perspectives of rapid thermal processing 84052
Roozeboom, F. Rapid thermal processing of magnetic thin films for data storage devices 84828
Roozeboom, F. *(editor)* Advances in Rapid Thermal and Integrated Processing. Proceedings of the NATO Advanced Study Institute 60415
Ropelewski, L. *see* Bouclier, R. 80043
Roper, C.D., Clegg, T.B., Mendez, A.J. Electromagnetic field requirements for a Lamb-shift spin-filter polarimeter 119993
Roper, C.D. *see* Mendez, A.J. 120090
Roper, I.C. *see* Hinsch, E. 78133
Roper, J. *see* Kugler, D. 79030
Roper, J. *see* Kugler, D. 88777
Roper, R.G. Rocket vapor trail releases revisited: turbulence and the scale of gravity waves: Implications for the imaging Doppler interferometry/incoherent scatter radar controversy 70490
Ropert, A., Farvacque, L., Jacob, J., Laclare, J.L., Plouviez, E., Revol, J.L., Scheidt, K. Accelerator physics trends at the ESRF 79912
Ropke, K., Filbert, D. Unsupervised classification of universal motors using modern clustering algorithms 111879
Ropke, K. *see* Burth, M. 91563
Ropke, W. *see* Heinemann, B. 84332
Ropke, W. *see* Knoll, D. 84333
Ropp, M. *see* Doshi, P. 103000
Roppel, C. Estimating cell transfer delay in ATM networks using in-service monitoring methods 77654
Roppel, C., Habermann, R. Usage parameter control in ATM networks 108793
Roque, C.T. *see* Dilmanian, F.A. 90434
Roques, A. *see* Eyharts, Ph. 89740
Roques, D. *see* Michel, D. 66131
Rorgren, R., Carlsson, P., Liu, J. A comparative study of ball grid array and ultra fine-pitch QFP technologies using solder paste stencil printing 92233
Rorie, J.F., Simmerman, J.K., Makki, R.Z., Piendl, R.D. A high level language implementation of a general purpose telemetry system for biomedical applications 70223
Rorison, J. *see* Teraguchi, N. 74374
Rorsman, N., Garcia, M., Karlsson, C., Zirath, H. Reduction of the feedback capacitance of HFETs by changing transistor layout and using via holes for source grounding 62243
Rorsman, N. *see* Angelov, I. 83539
Rorsman, N. *see* Bengtsson, L. 114274
Rorsman, N. *see* Pettersson, J. 74775
Rorsman, N. *see* Svedin, J. 117063
Rorsman, N. *see* Zirath, H. 93915
Ros, D., Falcon, C., Juvells, I., Pavia, J. The influence of a relaxation parameter on SPECT iterative reconstruction algorithms 69958
Ros, J.M.Gomez *see* Gomez Ros, J.M.
Rosa, A. *see* Lima, J.A. 92552
Rosa, C. *see* Mansour, I. 64757
Rosa, C.H., Ruszczynski, A. On augmented Lagrangian decomposition methods for multistage stochastic programs 82453
Rosa, F.de la *see* de la Rosa, F.
Rosa, G.La *see* La Rosa, G.
Rosa, J. *see* Meykens, K. 92741
Rosa, J. *see* Nesladek, M. 94693
Rosa, J.De La *see* De La Rosa, J.
Rosa, J.M.de la *see* de la Rosa, J.M.
Rosa, M.De *see* De Rosa, M.
Rosa, M.E.De *see* De Rosa, M.E.
Rosa, R.de La *see* de La Rosa, R.
Rosa de la *see* de la Rosa
Rosaaen, D.F., Schroeder, D.L. Challenges of moving to a daily planning system 'daily wafer demand' 84528
Rosado, A. The choice of application specific circuits 73304
Rosado, A.L. *see* Feleppa, E.J. 90372
Rosales, O.S., Suster, D. Finite-difference computation of the characteristic impedance of unbounded striplines and microstrip lines 97281
Rosales, R. *see* Kozma, R.B. 119480
Rosandich, R.G. Troubleshooting PLCs 92131
Rosanov, N.N. *see* Danilov, O.B. 107117
Rosanov, N.N. *see* Danilov, O.B. 116612
Rosario, J. *see* Miller, J.D. 69900
Rosario, J.M.Del *see* Del Rosario, J.M.
Rosario, M. *see* Wunnava, S.V. 98898
Rosario, M.J., Bernardino, J., Fortes, F., Kulke, R., Sporkman, T., Freire, J.C. Monolithic single FET mixers with coplanar technology to convert between V and C band 83436
Rosario, M.J. *see* Kulke, R. 83455
Rosario, M.J. *see* Kulke, R. 83483
Rosario, M.J. *see* Vaz, J.C. 62340
Rosati, G. *see* Schennum, G.H. 88409
Rosati, J.J. *see* Smith, B.A. 102172
Rosay, M. *see* Voigt, J.A. 112284
Rosberg, Z. *see* Andersin, M. 88311
Rosch, P. *see* Heumann, B. 78000
Roschke, J. *see* Fell, J. 90525
Roschke, J. *see* Fell, J. 110822
Roscoe, A.W. Intensional specifications of security protocols 86098
Roscoe, G. Tick–TOC: time for a change [waste water monitoring] 80675
Roscoe, T. *see* Leslie, I.M. 109207
Rose, A., Benavides, J., Lim, D., Frias, O. Global warming policy, energy, and the Chinese economy 121027
Rose, A.H., Wyss, J.C. Self-calibrating optical thermometer 79484
Rose, A.H. *see* Rochford, K.B. 116145
Rose, A.H. *see* Williams, P.A. 100350
Rose, B., Leistiko, O. End-fire coupling between a buried waveguide structure and a Si photodetector 95710
Rose, B. *see* Delorme, F. 85498
Rose, C. Minimizing the average cost of paging and registration: a timer-based method 88244
Rose, C., Yates, R.D. Genetic algorithms and call admission to telecommunications networks 67673
Rose, C., Yates, R.D. Ensemble polling strategies for mobile communications networks 109421
Rose, C. *see* Yener, A. 118999
Rose, D. *see* Niles, D.W. 91737
Rose, D.C. *see* Gilvin, P.J. 110971
Rose, D.H. *see* Dhere, R.G. 112367
Rose, D.V., Mosher, D., Oliver, B.V., Ottinger, P.F. Operational window for light-ion-beam transport for LMF 69668
Rose, D.V. *see* Hinshelwood, D.D. 69638
Rose, E.P., McAloone, T.C., Evans, S. The application of computer simulation to economically justify the design of a life-cycle approach 60552
Rose, J., Brodowski, J., Connolly, R., Deng, D.P., Kwiatkowski, S., Pirkl, W., Ratti, A. RF systems for RHIC 100506
Rose, J., Brodowski, J., Deng, D.P., Kwiatkowski, S., Pirkl, W., Ratti, A. Design of the 26.7 MHz RF cavity for RHIC 100673
Rose, J. *see* Brown, S. 61851
Rose, J. *see* Casey, S. 106548
Rose, J. *see* Hutton, M. 83020
Rose, J. *see* Mackay, W.W. 89986
Rose, J. *see* Ratti, A. 100615
Rose, J. *see* Wilton, S.J.E. 104522
Rose, J.L. Recent advances in guided wave NDE 104217
Rose, J.L. *see* Younho Cho 82798
Rose, J.M.de la *see* de la Rose, J.M.
Rose, K. *see* Dundar, G. 83292
Rose, K. *see* Gadkari, S. 97454
Rose, K. *see* Miller, D. 66199
Rose, K. *see* Rao, A. 66457
Rose, K.R. *see* Hughes, P.M. 67839
Rose, M.F. *see* Ansley, W.E. 71561
Rose, M.J. *see* Hu, J. 94639
Rose, M.J. *see* Hu, J. 94641
Rose, P.D. *see* Patel, N.K. 83947
Rose, R.E. *see* Lakin, K.M. 104673
Rose, V.S. *see* Kawecki, T.G. 95614
Rose, W.I. *see* Adams, R.J. 80602
Rose-Petruck, C. *see* Barty, C.P.J. 65135
Rose-Petruck, C. *see* Barty, C.P.J. 96233
Rose-Petruck, C.G. *see* Yamakawa, K. 107442
Roseburg, D., Hartmann, T. Analytical determination of the remagnetisation losses in the feed-through region of transformers 71390
Rosedale, J.H. *see* Bacchetti, L.F. 85119
Rosei, R. *see* Arfelli, F. 90367
Rosei, R. *see* Arfelli, F. 90432
Rosei, R. *see* Bulfone, D. 76053
Rosei, R. *see* Walker, R.P. 96521
Rosell, J. *see* Pallss-Areny, R. 72108
Roselle, K.M. *see* Gordon, C. 60604
Roselli, D.S. *see* Anderson, T.E. 67744
Roselli, L. *see* Alimenti, F. 93758
Roselli, L. *see* Alimenti, F. 97269
Roselli, L. *see* Ciampolini, A. 116961
Roselli, L. *see* Ciampolini, P. 93066
Roselli, L. *see* Ciampolini, P. 113695
Roselli, L. *see* Ciampolini, P. 113818
Roselli, L. *see* Heinrich, W. 107985
Roselli, L. *see* Matteucci, M. 93060
Roselli, L. *see* Mezzanotte, P. 73624
Roselli, L. *see* Mezzanotte, P. 116959
Rosello, J. *see* Vidal, A. 120715
Rosen, A. *see* Hsu, S.S. 120500
Rosen, A. *see* Kushilevitz, E. 98463
Rosen, A. *see* Liu, J. 93730
Rosen, A. *see* Schwartzenberg, J.W. 75729
Rosen, A. *see* Yost, T.A. 73766
Rosen, A. *see* Yost, T.A. 93923
Rosen, B.-G. *see* Wennerberg, A. 120360
Rosen, B.E. *see* Natrajan, B. 77446
Rosen, C.W. *see* Yeh, S.Y. 78142
Rosen, E. *see* Ye, Z. 71656
Rosen, I. *see* Lantz, G. 110824
Rosen, J.B. *see* Van Huffel, S. 117316
Rosen, J.M. *see* Delp, S.L. 80430
Rosen, M. *see* Kovalev, D. 94269
Rosen, M. *see* Levush, B. 61440
Rosen, W. *see* George, A. 70569
Rosenau, S.A. *see* Fochs, S.N. 65147
Rosenauer, A., Reisinger, T., Franzen, F., Schutz, G., Hahn, B., Wolf, K., Zweck, J., Gebhardt, W. Transmission electron microscopy and reflected high-energy electron-diffraction investigation of plastic relaxation in doped and undoped ZnSe/GaAs(001) 61194
Rosenauer, A. *see* Kastner, M.J. 74178
Rosenauer, A. *see* Reisinger, T. 72774
Rosenbach, K., Schiller, J. Identification of aircraft based on 2-D-radar images 109735
Rosenbauer, M. *see* Bustarret, E. 94272
Rosenbauer, M. *see* Morazzani, V. 94249
Rosenbaum, E. *see* Chin-Chi Teng 95192
Rosenbaum, E. *see* Yi-Kan Cheng 74833
Rosenbaum, E. *see* Yi-Kan Cheng 84591
Rosenbaum, R.L., Goldfarb, S.I. Design of the common directory interface for DECnet/OSI 77746
Rosenbaum, R.M. *see* Hsu, S.S. 120500
Rosenbaum, S. *see* Case, M. 62088
Rosenbaum, S. *see* Larson, L. 73786
Rosenberg, A. *see* Arensburg, A. 96443
Rosenberg, A.M. New tools needed for call center design 108993
Rosenberg, C. *see* Conway, A.E. 87606
Rosenberg, C. *see* Guillemin, F. 108778
Rosenberg, C. *see* Mignault, J. 77711
Rosenberg, C. *see* Sridhar, R. 77644
Rosenberg, E.I. *see* Crawley, H.B. 93528
Rosenberg, J. Implementing reconfigurable DSP functions using cache logic FPGAs 104591
Rosenberg, L. Algorithm for finding minimal cut sets in a fault tree 92325
Rosenberg, R.J., Zilliacus, R., Halin, M., Kvarnstrom, R.R., Suksi, S. Transition metal and radionuclide concentrations in reactor coolant during shutdown for refuelling at Loviisa VVER-440 reactors 71080
Rosenberg, R.J. *see* Tanner, V.V. 71078
Rosenberg, S.E., Wong, P.Y., Miaoulis, I.N. Rapid thermal annealing of high-melting-point films on low-melting-point substrates 63220
Rosenberg, T.M. Industrial networks: the options and rewards are many 67734
Rosenberg, U. New 'planar' waveguide cavity elliptic function filters 93744
Rosenblatt, A. Catching up with modern times [modernisation of Brazil's infrastructure] 72151
Rosenblatt, D. *see* Sharon, A. 116121
Rosenbluem, S.S. *see* Li, J. 106571
Rosenbluh, M. *see* Vaynberg, B. 116712
Rosenblum, B. *see* Sampayan, S. 89780
Rosenblum, M., Davis, L.S. An improved radial basis function network for visual autonomous road following 108488
Rosenblum, M., Yacoob, Y., Davis, L.S. Human expression recognition from motion using a radial basis function network architecture 108489
Rosencher, E. *see* Binet, F. 100030
Rosencher, E. *see* Bois, Ph. 69161
Rosencher, E. *see* Bois, Ph. 69180
Rosencher, E. *see* Fiore, A. 107557
Rosencher, E. *see* Liu, H.C. 63040
Rosendaal, D. *see* Albers, D. 69756
Rosenfalck, A. *see* Andreassen, S. 90501
Rosenfalck, A. *see* Gade, J. 110853
Rosenfeld, A. Image analysis and computer vision: 1995 67414
Rosenfeld, A. *see* Aloimonos, Y. 67467
Rosenfeld, A. *see* Chaudhuri, B.B. 113138
Rosenfeld, A. *see* Duric, Z. 77330
Rosenfeld, A.B. *see* Litovchenko, P.G. 120559
Rosenfeld, D., Zur, Y. A new adiabatic inversion pulse 101226
Rosenfeld, M., Tanami, R., Abboud, S. Numerical solution of the potential due to dipole sources in volume conductors with arbitrary geometry and conductivity 80399
Rosenfeld, M. *see* Abbond, S. 80400
Rosengren, J. Electronic programme guides and service information 99746
Rosengren, L. *see* Laurell, T. 110232
Rosengren, L. *see* Rangsten, P. 84631
Rosenheimer, M. *see* Klyscz, T. 80174

Rosenholtz, R., Koenderink, J.J. Affine structure and photometry 86455
Rosenkrantz, D.J. *see* Chundi, P. 109031
Rosenman, G., Shur, D., Skliar, A. Ferroelectric electron emission flat panel display 69401
Rosenman, G. *see* Kugel, V.D. 64080
Rosenman, G. *see* Shur, D. 114501
Rosenman, J. *see* Bullitt, E. 90479
Rosenstiel, W. *see* Eikerling, H.-J. 113872
Rosenstiel, W. *see* Schubert, E. 66788
Rosenstiel, W. *see* Voskamp, E. 73414
Rosenstiel, W. *see* Wilberg, J. 93050
Rosenstock, M.D. *see* Amin, M.G. 117503
Rosenthal, J., Von York, E. Generalized Hamming weights of convolutional codes 66306
Rosenthal, J.S. Theoretical rates of convergence for Markov chain Monte Carlo 103584
Rosenthal, P.A., Cosgrove, J.E., Fenner, D.B., Vale, L.R., Ono, R.H., Rudman, D.A. High temperature superconducting step-edge SNS Josephson junctions on silicon substrates 95503
Rosenthal, S.E. *see* Johnson, D.J. 69636
Rosenthal, S.E. *see* Mehlhorn, T.A. 69637
Rosenthal, S.E. *see* Mix, L.P. 111625
Rosenthal, S.R. *see* Mauceri, T. 80448
Rosenthall, J., Von York, E. First order representations for convolutional encoders 66309
Rosenvinge, T.T.von *see* von Rosenvinge, T.T.
Rosenzweig, J., Colby, E. Charge and wavelength scaling of RF photoinjectors: a design tool 85543
Rosenzweig, J. *see* Bangert, A. 69189
Rosenzweig, J. *see* Colby, E. 90087
Rosenzweig, J. *see* Czotscher, K. 107237
Rosenzweig, J. *see* Davis, P. 89606
Rosenzweig, J. *see* Esquivias, I. 107229
Rosenzweig, J. *see* Esquivias, I. 107311
Rosenzweig, J. *see* Hogan, M. 76060
Rosenzweig, J. *see* Hurm, V. 109629
Rosenzweig, J. *see* Kwok, P. 89918
Rosenzweig, J. *see* Ralston, J.D. 96305
Rosenzweig, J. *see* Schonfelder, A. 85486
Rosenzweig, J. *see* Zhang, R. 89605
Rosenzweig, J.B., Barov, N., Colby, E. Pulse compression in radio frequency photoinjectors–applications to advanced accelerators 79982
Rosenzweig, J.B. *see* Barov, N. 89644
Rosenzweig, J.B. *see* Serafini, L. 89700
Roser, H.P., Hubers, H.-W., Brundermann, E., Kimmitt, M.F. Observation of mesoscopic effects in Schottky diodes at 300 K when used as mixers at THz frequencies 105863
Roser, H.P. *see* Brundermann, E. 75934
Roser, M., Villegas, P., Simon, M., Hernandez-Gil, F., Aguado, I. Multimedia contents production system (MM-CPS) 67902
Roser, M. *see* Simon, M.M. 97963
Roser, T. Polarized proton beams 89993
Roser, T. *see* Ahrens, L.A. 79924
Roser, T. *see* Blaskiewicz, M. 79925
Roser, T. *see* Blaskiewicz, M. 79926
Roser, T. *see* Huang, H. 119985
Roser, T. *see* Smith, G.A. 100606
Roser, T. *see* Wu, J. 110619
Rosete-Aguilar, M. Correction of secondary spectrum using standard glasses 116173
Rosetta, E. *see* Martini, M. 74496
Rosetta, E. *see* Martini, M. 105517
Rosetti, M. *see* Laitano, R.F. 101448
Rosevear, R.D. *see* Parpal, J.-L. 121168
Roshal, A., Barey, B., Benfatto, I., Bertolini, E., Bottereau, J.-M., Bulgakov, S., Daniel, N., Hrabal, D., Huart, M., Kuchinski, V., Maschio, A., Matsukawa, M., Mikhailov, A., Mondino, P.L., Nerem, A., Neumeyer, C. ITER coil power supply 102884
Roshal, A. *see* Benfatto, I. 112060
Roshchin, A.A. *see* Mikhailov, V.G. 79828
Roshin, A.P. *see* Vasiltsov, V.V. 107083
Roshko, A., Dulcie, L.L., Nguyen, T., Yogi, T. Influence of sputter gas and sputter pressure on the structure and magnetic properties of Co-Pt-Cr thin films 64297
Roshko, R.M. *see* Li, D. 84789
Roshko, R.M. *see* Mitchler, P.D. 84772
Roshko, S. *see* Stasch, R. 62706
Roshko, S. *see* Stasch, R. 114645
Rosi, C. *see* Escalona, R. 119919
Rosi, R. *see* Plebani, S. 67940
Rosiene, J. Wavelet spatial filtering and transient signals 86263
Rosiewicz, A. *see* Wall, K.F. 78669
Rosiiskii, A.V. *see* Il'in, V.A. 111075
Rosilio, C. *see* Pain, L. 105763
Rosin, E. *see* Fried, R. 73516
Rosina, G. *see* de Benedittis, R. 119037
Rosing, M. *see* Schoessow, P. 89708
Rosinski, A.T. *see* Baraniecki, R. 61553
Rosinski, A.T. *see* Trung, N.O. 83142
Rosiwal, S.M. *see* Heinrich, G. 72918
Roska, T. *see* Chua, L.O. 93636
Roska, T. *see* Jacobs, A. 83279
Roska, T. *see* Lotz, K. 83278
Roska, T. *see* Nemes, L. 86329
Roska, T. *see* Venetianer, P.L. 108168
Rosker, M.J., Cunningham, P., Ewbank, M.D., Marcy, H.O., Vachss, F.R., Warren, L.F., Gappinger, R., Borwick, R. Salt-based approach for frequency conversion materials 116646
Roskilly, A.P., Barlow, M.I. Recipe control for closed-field unbalanced magnetron sputter ion-plating machines 82735
Roskos, H. *see* Cho, G.C. 114727
Roskos, H.G. *see* Dekorsy, T. 63037
Roskos, H.G. *see* Hirakawa, K. 105263
Roskos, H.G. *see* Jaekel, C. 115929
Roskos, H.G. *see* Koster, T. 62812
Roskos, H.G. *see* Pfeifer, T. 83344
Roskos, H.G. *see* Vosseburger, M. 62814
Roskos, H.G. *see* Vosseburger, M. 114726
Rosler, K.M., Magistris, M.R., Glocker, F.X., Kohler, A., Deuschl, G., Hess, C.W. Electrophysiological characteristics of lesions in facial palsies of different etiologies: a study using electrical and magnetic stimulation techniques 90544
Rosler, K.M. *see* Nirkko, A.C. 80392
Rosler, U., Cohrs, D., Dietz, A., Fischerauer, G., Ruile, W., Russer, P., Weigel, R. Determination of leaky SAW propagation, reflection and coupling on $LiTaO_3$ 106424
Rosloniec, S. A hybrid-ring directional coupler with modified ring impedances and two compensation stubs 62155
Rosloniec, S. Three-port hybrid power dividers terminated in complex frequency-dependent impedances 93731
Rosloniec, S., Habib, T. Two PIN diode microwave directional filter 114288
Roslund, J.H. *see* Fuchs, F. 74444
Rosner, B., Liu, J., Zonghe Lai Flip chip bonding using isotropically conductive adhesives 114469
Rosner, D., Jouny, I. Identification of fuzzy target signatures using neural networks 99650
Rosner, R. *see* Vainshtein, S.I. 81479
Rosner, W. *see* Risch, L. 105957
Roso, G. *see* Luvison, A. 98912
Rosolen, C. *see* Beaudin, G. 79100
Rosolen, C. *see* Jost, H. 90811
Rosolowski, E., Michalik, M. Application of symmetrical components state observer to fault impedance estimation 101713
Rosolowski, E. *see* Izykowski, J. 102252
Rosolowski, E. *see* Kasztenny, B. 112041
Rosotowski, E. *see* Izykowski, J. 121220
Ross, A. *see* Kumar, N. 89367
Ross, A.H.M. CDMA for wireless local loop 108811
Ross, B., Fielden, T., Opsahl, G., Moriyasu, H. Digital model extraction from measurements 73011
Ross, C.A., Schabes, M.E., Ranjan, R., Bertero, G., Chen, T. The role of stress-induced anisotropy in longitudinal thin film magnetic recording media 64451
Ross, C.A. *see* Tang, K. 115829
Ross, D. *see* Kudva, S.M. 92351
Ross, D.C., Volakis, J.L., Anastassiu, H.T. Efficient computation of radar scattering modulation from jet engines 99655
Ross, D.S. *see* Harrison, D.K. 83569
Ross, F.E., Vaman, D.R. IsoEthernet: an integrated services LAN 98762
Ross, F.M. *see* Scott, J.F. 113944
Ross, G.F. *see* Gower, A.H. 102063
Ross, G.W. *see* Kaczmarek, M. 65533
Ross, I.N. *see* Danson, C.N. 85429
Ross, I.N. *see* Divall, E.J. 65036
Ross, I.N. *see* Osvay, K. 96630
Ross, I.N. *see* Turcu, I.C.E. 115103
Ross, J. *see* Chen, K.M. 99656
Ross, J. *see* Norman, A. 88669
Ross, J.L. *see* Schulz, S. 103815
Ross, J.M. *see* O'Gorman, T.J. 73332
Ross, J.M. *see* Ziegler, J.F. 72344
Ross, J.M. *see* Ziegler, J.F. 72394
Ross, J.S.H. *see* Street, A.J. 84927
Ross, K. *see* Raubenheimer, T. 89588
Ross, K.W. *see* McManus, J.M. 88828
Ross, K.W. *see* McManus, J.M. 98368
Ross, M., Livesay, W.R., Starov, V., Ostrowski, K., Wong, S.Y. Photoresist stabilization for ion implant processing 105812
Ross, M. *see* Decker, F.-J. 100691
Ross, M. *see* Fieguth, T. 100708
Ross, M. *see* Kwok, P. 89918
Ross, M. *see* Parsi, K. 75263
Ross, M. *see* Turner, J.L. 89654
Ross, M. *see* Zimmermann, F. 89651
Ross, M.A. *see* Wise, T. 120082
Ross, M.C. *see* Adolphsen, C. 89648
Ross, M.C. *see* Bane, K. 89979
Ross, P. *see* Collingwood, E. 92564
Ross, P.N., Jr. *see* Wen, S.J. 81712
Ross, P.W., Chan, L.K.M., Surguy, P.W. The ferroelectric LCD: simplicity and versatility 89378
Ross, R. *see* Yuan, C. 69989
Ross, R.J. Unique thermal management system for BGAs and other power packages 92228
Ross, R.R. *see* Sadoulet, B. 100818
Ross, U. *see* Albers, D. 69756
Ross, V., Hsia Choong HP Deskjet printers with recycled plastics: a success story 72366
Ross, W. *see* Claus, R. 100601
Ross, W. *see* Teytelman, D. 100523
Ross, W.MacLeod *see* MacLeod Ross, W.
Rossaro, A. *see* Artiglia, M. 64673
Rossbach, J. Studies on a free electron laser for the TESLA test facility 76054
Rossbach, J. Options and trade-offs in linear collider design 89641
Rossbach, J. A VUV free electron laser at the TESLA test facility at DESY 96525
Rossbach, J., Saldin, E.L., Schneidmiller, E.A., Yurkov, M.V. Interdependence of parameters of an X-ray FEL 85546
Rossbach, J. *see* Brefeld, W. 96530
Rossbach, J. *see* Decking, W. 89828
Rossbach, J. *see* Montag, C. 89908
Rossbach, J. *see* Shiltsev, V. 89612
Rossberg, A. *see* Lang, H.P. 63339
Rosseinsky, D.R., Osborne, A.G., Mayers, F.R. Electrochemical photovoltaic systems: some advances in ferrocene-protected n-doped silicon cells 116229
Rossel, C., Bauer, P., Zech, D., Hofer, J., Willemin, M., Keller, H. Active microlevers as miniature torque magnetometers 79287
Rossel, C. *see* Bauer, P. 99934
Rossel, C. *see* Lebet, J.P. 70212
Rossel, P. *see* Charitat, G. 63714
Rossel, P. *see* Dilhac, J.-M. 106237
Rossen, P.Von *see* Von Rossen, P.
Rosser, F. *see* Papazoglou, T.M. 111541
Rosser, J. *see* Ellenberger, C. 94088
Rosser, J. *see* Schubert, B. 94087
Rosser, K.N. *see* May, P.W. 72926
Rosser, K.N. *see* Rego, C.A. 61403
Rosser, K.N. *see* Tsang, R.S. 72927
Rosser, S.G., Kerr, M.K., Chi Shih Chang, Jiayuan Fang, Zhaoqing Chen, Yuzhe Chen Measurement and simulation of simultaneous switching noise in the multi-reference plane package 112943
Rosserg, M. *see* Schwierz, F. 115231
Rossetti, F., Katto, J., Ohta, M. Improved scanning methods for wavelet coefficients of video signals 86628
Rossetti, F. *see* Lapucci, A. 65028
Rossetti, F. *see* Lapucci, A. 85370
Rossetto, E. *see* Agnello, M. 110583
Rossetto, G., Torzo, G., Camporese, A., Guerriero, P., Favaro, M.L., Ajo, D., Zanella, P. InP grown by low-pressure MOVPE using dimethylindium pyrazole 61265
Rossetto, G. *see* Berti, M. 92757
Rossetto, L. A simple control technique for series resonant converters 81569
Rossetto, L. *see* Malesani, L. 102867
Rossetto, L. *see* Spiazzi, G. 112099
Rossi, A. The ACTEL ACT3 family of FPGA 61804
Rossi, A. Data acquisition boards with delta-sigma convertors 61985
Rossi, A., Fucili, G. Nonredundant successive approximation register for A/D converters 73470
Rossi, A.M. *see* Amato, G. 94253
Rossi, B., Siciliano, G., Carboncini, M.C., Manca, M.L., Massetani, R., Viacava, P., Muratorio, A. Muscle modifications in Parkinson's disease: myoelectric manifestations 90504
Rossi, C. *see* Bocchetta, C.J. 79809
Rossi, C. *see* D'Auria, G. 79875
Rossi, C. *see* Morici, R. 71313
Rossi, D., Pedrazzini, G., Pozzoni, M., Ricotti, G., Ravanelli, E., Strizhak, E., Kackprowicz, M. Single-chip smart power camera controller with photodiode current measurement down to 3 nA 73093
Rossi, D. *see* Murari, B. 84524
Rossi, D. *see* Murari, B. 104326
Rossi, D.de *see* de Rossi, D.
Rossi, E., Labanti, C., Stephen, J.B., Carter, T., Jupp, I.D., Bird, A.J., Dean, A.J. A hexagonal multi-element CsI(Tl)–photodiode module for gamma-ray imaging 101013
Rossi, F., Molinari, E., Rinaldi, R., Cingolani, R. V-grooved quantum wires as prototypes of 1D-systems: single particle properties and correlation effects 62979
Rossi, F. *see* Avanzini, C. 90225
Rossi, F. *see* Avanzini, C. 100959
Rossi, F. *see* Elsaesser, T. 114601
Rossi, F. *see* Leitenstorfer, A. 62762
Rossi, F. *see* Losi, A. 101865
Rossi, F. *see* Molinari, E. 62916
Rossi, F. *see* Nedjalkov, M. 63528
Rossi, F. *see* Rota, L. 62924
Rossi, G. *see* Croitoru, N. 94213
Rossi, G. *see* Fermi, U. 93837
Rossi, G. *see* Guglielmi, G. 111710
Rossi, G.B. *see* Crenna, F. 110005
Rossi, G.B. *see* Michelini, R.C. 112978
Rossi, G.L. Error analysis based development of a bubble velocity measurement chain 99863
Rossi, G.L. A new intensity modulation based fiber optic probe for bubble shape detection, velocity, and diameter measurements 100059
Rossi, G.L. *see* Castellini, P. 99901
Rossi, G.P. *see* Pagani, E. 108867
Rossi, J.C. *see* De Oliveira, L.C.O. 102777
Rossi, J.C. *see* Gusev, G.M. 62876
Rossi, J.C. *see* Gusev, G.M. 63032
Rossi, J.C. *see* Gusev, G.M. 74426
Rossi, J.O. *see* Barroso, J.J. 94198
Rossi, J.O. *see* Graneau, P.N. 102775
Rossi, L. Perspectives in high energy physics instrumentation 79826
Rossi, L. *see* Acerbi, E. 95534
Rossi, L. *see* Ambrosio, G. 75373
Rossi, L. *see* Antinori, F. 120156
Rossi, L. *see* Ariante, M. 95405

Rossi, L. *see* Bona, M. 90034
Rossi, L. *see* Broggi, F. 119930
Rossi, L. *see* Maci, S. 76372
Rossi, M., Rogron, B., Massonnet, D. JERS-1 SAR image quality and interferometric potential 70464
Rossi, M., Zhang, J.-Y., Steenaart, W. Two fast convergent algorithms for the design of equiripple IIR and FIR filters in the log magnitude sense 104714
Rossi, M. *see* Ehbets, P. 85754
Rossi, M. *see* Marcelli, R. 115867
Rossi, M. *see* Marcelli, R. 115868
Rossi, M. *see* Massonnet, D. 90740
Rossi, M. *see* Morris, G.M. 89227
Rossi, M. *see* Terranova, M.L. 114801
Rossi, M. *see* Vitali, G. 94658
Rossi, M.C. *see* Salvatori, S. 85279
Rossi, M.C. *see* Salvatori, S. 114690
Rossi, M.C. *see* Zafalon, R. 115344
Rossi, R. *see* Baroncelli, C. 121640
Rossi, S., Ylasaari, S. Special requirements of tropical atmosphere to the reliability of electronics 60709
Rossi, S., Ylasaari, S. Correlation between environmental classification and environmental testing methods 61492
Rossignac, J. *see* Ronfard, R. 108398
Rossin, D.F. *see* Waissi, G.R. 72651
Rossin, V.V., Bottger, T., Henneberger, F. Type-II interface exciton in ZnSe/(Zn,Mn)Se heterostructures 114718
Rossin, V.V., Henneberger, F., Puls, J. Dynamics of the magnetic polaron formation in ZnSe/ZnMnSe quantum well structures 74402
Rossin, V.V. *see* Puls, J. 74377
Rossington, C. *see* Ludewigt, B. 80069
Rossington, C. *see* Ludewigt, B. 101032
Rossington, C. *see* Maier, M.R. 90245
Rossington, C. *see* Maier, M.R. 100940
Rossini, A.J., Wei, L.J., Ying, Z. Checking adequacy of the semiparametric location shift model with censored data 92343
Rosskopf, V., Gornik, E., Engelhardt, C.M., Bohm, G., Weimann, G. Far-infrared-study of shallow etched quantum wires on high mobility GaAs/AlGaAs heterostructures 74453
Rossle, C. *see* Reinmuth, K. 104304
Rossler, U. *see* Darnhofer, T. 74425
Rossman, T. *see* Fisher, C. 113862
Rossmanith, R. *see* Balewski, K. 80148
Rossmanith, R. *see* Cromer, K.D. 89830
Rossmanith, R. *see* Norum, B.E. 100519
Rossmann, M., Hesse, B., Goser, K., Buhlmeier, A., Manteuffel, G. Implementation of a biologically inspired neuron-model in FPGA 62136
Rossnagel, S.M., Nichols, C., Hamaguchi, S., Ruzic, D., Turkot, R. Thin, high atomic weight refractory film deposition for diffusion barrier, adhesion layer, and seed layer applications 84216
Rossnagel, S.M. *see* Gorbatkin, S.M. 84219
Rossner, C., Schnorr, C.P. An optimal, stable continued fraction algorithm for arbitrary dimension 113168
Rossner, H. *see* Aminpirooz, S. 84205
Rossner, U., Brun-Le Cunff, D., Barski, A., Daudin, B. Compact electron cyclotron resonance plasma source for molecular beam epitaxy applications 92750
Rossner, U. *see* Godlewskia, M. 114594
Rosso, P. *see* Vagati, A. 112465
Rosso, V. *see* Beccherle, R. 80297
Rosso, V. *see* Del Guerra, A. 101315
Rossolenko, S.N. *see* Erko, A. 90250
Rossomakhin, S.G., Luchenko, S.V. Computation algorithm of forming filters for digital system of signal unification 86167
Rossouw, M.J., Groenewald, J.J. Comparison of different dielectric property measurement techniques 119838
Rossow, U. *see* Dietz, N. 103863
Rossow, U. *see* Dietz, N. 113323
Rossow, U. *see* Frotscher, U. 94250
Rossow, U. *see* Thonissen, M. 105652
Rossum, A.C.Van *see* Van Rossum, A.C.
Rossum, M.Van *see* Van Rossum, M.
Rost, T. *see* McPherson, J. 112858
Rostan, F., Gottwald, G., Wiesbeck, W. Design and performance of conformal microstrip patch arrays on cylindrical surfaces 66171
Rostan, F., Wiesbeck, W. Design and measured performance of an 8×8 dual polarised aperture-coupled microstrip patch phased array 97374
Rostbakken, O., Hilton, G.S., Railton, C.J. An adaptive microstrip patch antenna for use in portable transceivers 108053
Roste, T. *see* Fernandez-Duran, A. 109540
Rosten, H. *see* Parry, J. 113993
Rosten, H.I. DELPHI–a status report on the European-funded project for the development of libraries and physical models for an integrated design environment 112924
Roster, W. *see* Seeman, J.T. 89867
Rostik, G.V. *see* Berezhansky, V.B. 91459
Rostik, G.V. *see* Berezhansky, V.B. 91485
Rostov, V.V. *see* Moreland, L.D. 105070
Rosu, M.-C. Early-stopping terminating reliable broadcast protocol for general-omission failures 98483
Rosu, N.N., Ralea, M.F., Iova, I. Method of investigating phenomena in liquids by holographic interferometry 76307
Rosu, N.N. *see* Ralea, M.F. 76308
Rosu, V.A., Voronca, S., Dragos, L., Flueraru, C., Scarlat, N. Introduction of a circulating fluidized bed combustion in Romanian power stations 121366
Rosy Wei Chen A method and case study of integrating engineering analysis with LCA for material selection and its uncertainty 60746
Roszel, L.E. *see* Schaefer, T.M. 62513
Roszkowski, S.H. *see* Blackman, S.S. 111414
Rota, L., Ryan, J.F., Rossi, F., Lugli, P., Molinari, E. Non-equilibrium ultrafast carrier dynamics in semiconductor quantum wires 62924
Rota, L. *see* Kiener, C. 62980
Rota, L. *see* Molinari, E. 62916
Rota, L. *see* Tadyszak, P. 105110
Rotanov, V.N. *see* Inkov, Y.M. 91895
Rotariu, O. *see* Badescu, V. 107826
Rotarsky, M. *see* Nussbaum, G.H. 69995
Rotaru, V.K. *see* Carre, C. 95652
Rotea, M.A. *see* Khargonekar, P.P. 76903
Rotela, E. *see* Wang, X. 100538
Rotela, R. *see* Sheng, I.C. 89592
Roters, B. *see* Badura, E. 69804
Rotger, M., Boudon, V. Theoretical comparison of the three most widely used resonators for high power Nd-YAG lasers 85405
Roth, A. *see* Schwabisch, M. 111148
Roth, A.P., Levesque, P., Syme, R.W.G., Lockwood, D.J., Aers, G.C., Rao, T.S., Lacelle, C. Structural and optical characterization of $InP/Ga_xIn_{1-x}As_yP_{1-y}$ quantum wells and interfacial layers 114786
Roth, A.P. *see* Finnie, P. 61229
Roth, B., Kother, D., Coady, M., Sporkmann, T. A combined on-wafer measurement stand for linear and nonlinear microwave measurements 69006
Roth, B., Kother, D., Sporkmann, T., Lutke, W., Wolff, I. Vector corrected on-wafer power measurements of frequency converting two-ports 100284
Roth, B. *see* Gao, Y. 93824
Roth, D.R. *see* McNulty, P.J. 104563
Roth, E. *see* Rofougaran, A. 118768
Roth, E.P. *see* Selvamanickam, V. 75330
Roth, F. *see* Michel, C. 101470
Roth, G., Soichot, P. Cancellation of single F wave by double stimulation in case of chronic denervation 80406
Roth, H., Lindner, G. Vibration control of plate structures using piezoelectric polymer foils as actuators and sensors 95309
Roth, J.T. *see* Pandit, S.M. 110015
Roth, K.-D., Blasing-Bangert, C. Performance data obtained on a next generation mask metrology tool 115093
Roth, M. *see* Grieser, M. 120248
Roth, M. *see* Oelze, B. 61989
Roth, M.D. *see* Evwaraye, A.O. 74298
Roth, M.D. *see* Smith, S.R. 105299
Roth, O. *see* Laux, S. 107467
Roth, P. *see* von Gersum, S. 69559
Roth, R. *see* Klein, D.L. 63089
Roth, R.M. Tensor codes for the rank metric 66346
Roth, R.M. Spectral-null codes and null spaces of Hadamard submatrices 117218
Roth, S., Schonholzer, E.T. NTB/NOK 20 kW photovoltaic installations: layout, invertors, measurement data 91393
Roth, S. *see* Burghard, M. 74503
Roth, S. *see* Fischer, C.M. 74502
Roth, S. *see* Fischer, C.M. 105524
Roth, S. *see* Schafer, R. 115509
Roth, T.S. The transition to an integrated digital broadcast environment 109894
Roth, V. *see* Lewin, A. 110390
Roth, Z.S. *see* Hanqi Zhuang 77527
Rothacher, M. *see* Beutler, G. 68323
Rothan, F., Bischoff, I., Chammings, G., Ravetto, M., Vilain, M., Galdemard, P., Jouan, R., Lagage, P.-O., Masse, P. Development of Si:Ga/DVR 128×192 element arrays for 8-14 µm observation 69311
Rothberg, E. Performance of panel and block approaches to sparse Cholesky factorization on the iPSC/860 and Paragon multicomputers 61008
Rothberg, G.M. *see* Tanaka, M. 95350
Rothberg, L.J. *see* Dodabalapur, A. 89327
Rothberg, L.J. *see* Jordan, R.H. 107010
Rothberg, L.J. *see* Lovinger, A.J. 84362
Rothberg, S., Coupland, J. The new laser Doppler accelerometer for shock and vibration measurement 79720
Rothberg, S. *see* Hocknell, A. 110389
Rothblum, U.G. *see* Hwang, F.K. 113183
Rothe, A. *see* Tiziani, H.J. 100349
Rothe, H., Kasper, A. Generic detrending: separation of shape and roughness of AFM measurements 79341
Rothe, I., Susse, H., Voss, K. The method of normalization to determine invariants 66933
Rothemund, W. *see* Burkner, S. 63011
Rothemund, W. *see* Haupt, M. 82633
Rothemund, W. *see* Haupt, M. 92780
Rothenberg, J. *see* Eimeri, D. 85420
Rothenberg, J.E., Eimerl, D., Key, M.H., Weber, S.V. Illumination uniformity requirements for direct drive inertial confinement fusion 85563
Rothenflue, J.A. *see* Scott, J.E. 107636
Rother, T., Schmidt, K. The discretized Mie-formalism for electromagnetic scattering on nonspherical axisymmetric particles in the microwave region 65823
Rother, T., Schmidt, K. The discretized Mie-formalism for plane wave scattering by dielectric cylinders 85833
Rothermal, J., Chambers, D.M., Jarzembski, M.A., Srivastava, V., Bowdle, D.A., Jones, W.D. Signal processing and calibration of continuous-wave focused CO_2 Doppler lidars for atmospheric backscatter measurement 70472
Rothermel, H. *see* Maier, D. 115937
Rothermel, K., Helbig, T. An adaptive stream synchronization protocol 118595
Rothermel, K. *see* Dermler, G. 98450
Rothermel, K. *see* Gupta, A. 98424
Rothermel, K. *see* Helbig, T. 78184
Rothermel, K. *see* Magedanz, T. 87594
Rothlin, A.J. *see* Ruegger, M.H. 102318
Rothman, D.L. *see* Blamire, A.M. 101228
Rothman, D.L. *see* Jong-Hee Hwang 70088
Rothman, J.L., Blum, E.B. Charge balancing fill rate monitor 100533
Rothman, S.J. *see* Hathaway, D.J. 115269
Rothnie, D.M., Midwinter, J.E. Improved standard fibre performance by positioning the dispersion compensating fibre 119136
Rothnie, D.M., Zeiler, W., Bayvel, P., Midwinter, J.E. Modelling of transmission nonlinearities and fibre parameter optimisation in dense WDM systems with optical amplifiers 78718
Rothrock, D.A. *see* Lindsay, R.W. 70514
Roths, J., Busen, R. Development of a laser in situ airborne hygrometer (LISAH) 70474
Rothschild, M., Forte, A.R., Horn, M.W., Kunz, R.R., Palmateer, S.C., Sedlacek, J.H.C. 193-nm lithography 105752
Rothstein, J. Hydrogen, methane and carbon dioxide 71677
Rothuizen, H. *see* Chang, W.Z. 95632
Rothuizen, H. *see* Fumeaux, C. 116654
Rothwell, C. Reasoning about occlusions during hypothesis verification 67268
Rothwell, C., Mundy, J., Hoffman, B. Representing objects using topology 117680
Rothwell, C., Stern, J. Understanding the shape properties of trihedral polyhedra 67236
Rothwell, C. *see* Mundy, J. 86795
Rothwell, C. *see* Mundy, J. 117687
Rothwell, C.A. *see* Mundy, J.L. 77170
Rothwell, E. *see* Chen, K.M. 99656
Rothwell, E. *see* Norman, A. 88669
Rothwell, E.J., Cloud, M.J. Transient plane wave scattering from an annular ring above a lossy half space 119273
Rothwell, E.J. *see* Tsai, C.Y. 79001
Rothwell, M.E. *see* Fryer, P.M. 89321
Rothwell, W. *see* Meredith, W. 74171
Rothwell, W.J. *see* Jones, S.K. 63294
Rotinyan, M.A. *see* Galaev, I.I. 76097
Rotinyan, M.A. *see* Konkin, S.V. 75806
Rotinyan, M.A. *see* Konkin, S.V. 85360
Rotinyan, M.A. *see* Konkin, S.V. 85375
Rotinyan, M.A. *see* Rebone, V.K. 107126
Rotman, S.R. *see* Meir Bar-Tal 66931
Rotonda, L.La *see* La Rotonda, L.
Rotondaro, A.L.P., Bender, H., Heyns, M.M., Claeys, C. Protrusion formation at the edges of ion implanted regions 74541
Rotondaro, A.L.P., Hurd, T.Q., Kaniava, A., Vanhellemont, J., Simoen, E., Heyns, M.M., Claeys, C., Brown, G. Impact of Fe and Cu contamination on the minority carrier lifetime of silicon substrates 114589
Rotondi, A. *see* Agnello, M. 110583
Rotstein, H., Sznaier, M., Idan, M. H_2/H_∞ filtering theory and an aerospace application 76904
Rotstein, H.P., Rivlin, E. Optimal servoing for active foveated vision 86379
Rott, G. Relays for automobile electric 104922
Rott, H. *see* Leung Tsang 97042
Rott, J. *see* Klima, M. 117874
Rotta, E. *see* Fazzi, A. 121604
Rotta, E. *see* Pinola, L. 81564
Rottenbacher, C. *see* Bossert, P. 80848
Rotter, M. *see* Borisov, N.S. 120104
Rotter, M.D., McCracken, R.W., Erlandson, A.C., Brown, D. Thermal recovery measurements on multi-segment amplifiers 85417
Rotter, M.D. *see* Auerbach, J.M. 85567
Rotthaler, M. Virtual studio technology: an overview of the possible applications in television programme production 109888
Rotti, C.B. *see* Deshmukh, L.P. 104081
Rotti, C.B. *see* Deshmukh, L.P. 104082
Rotti, C.B. *see* Deshmukh, L.P. 105526
Rotti, C.B. *see* Deshmukh, L.P. 112177
Rottinger, M. *see* Simlinger, T. 84289
Rottmayer, R. *see* Jian-Gang Zhu 75252
Rottmayer, R. *see* Lam, T.T. 75220
Rottmayer, R. *see* Minshen Tan 64376
Rottmayer, R. *see* Yansheng Luo 64429
Rottmayer, R. *see* Yiao-Tee Hsia 115753
Rottner, E. Automatic handling of close-pitch IC packages 92199

Rottner, K., Savage, S., Andre, J., Ramberg, L., Frischholz, M., Helbig, R. OBIC measurements on 6H SiC p^+-n-mesa diodes with floating field rings 106981
Rottner, K. *see* Schoner, A. 105229
Rottwitt, K. *see* Clausen, C.B. 116057
Rotunda, J.E. *see* Perry, O.R. 110985
Rotunda, J.E. *see* Tawil, R.A. 110973
Roturier, B., Souny, B., Baudrand, H. Calculation of diffracted fields by hybrid finite-element/geometrical-theory-of-diffraction method 65798
Rotzer, H. *see* Humer, H. 90837
Rouault, A. *see* Anikin, M.M. 103817
Rouault, G. *see* Hayman, A.J. 120928
Rouba, S. *see* Laget, V. 64386
Roubaud, F. *see* Dachs, C. 106047
Roubaud, F. *see* Sudre, C. 84542
Rouch, H., Pons, M., Benezech, A., Bernard, C., Madar, R. Thermodynamic equilibrium and mass transport coupled modelling of the chemical vapour deposition process 113497
Rouch, J. *see* Tardy, I. 107872
Rouch, K.E. *see* Adkins, C.A. 97011
Rouchouze, E., Burlet, D., Dumant, J.-M. In-line overlay measurements for advanced photolithography 115068
Roudet, J. *see* Clavel, E. 62450
Roudet, J. *see* Merienne, F. 91609
Roudet, J. *see* Merienne, F. 121716
Roudet, J. *see* Schanen, J.L. 102868
Roudet, J. *see* Zhang, M.T. 121732
Roudet, P. *see* Schnaen, J.L. 71481
Roudier, P. *see* Chehab, R. 89714
Rouf, A. *see* Deb, N.K. 111888
Rougeaux, S. *see* Berthouze, L. 86380
Rougeaux, S. *see* Kunkiyoshi, Y. 86687
Rougemont, M.de *see* de Rougemont, M.
Rouger, M. *see* Dentan, M. 90222
Rouger, M. *see* Dentan, M. 95214
Rougetet, R. *see* Trebossen, R. 90446
Rougier, A., Gravereau, P., Delmas, C. Optimization of the composition of the $Li_{1-z}Ni_{1+z}O_2$ electrode materials: structural, magnetic, and electrochemical studies 71618
Rougier, A. *see* Delmas, C. 102947
Rougier, P. *see* Guyot, M. 95358
Rougsheng Xie *see* Xie Rougsheng
Rouhani, M.D., Gue, A.M., Malek, R., Bouyssou, G., Esteve, D. Surface morphology due to enhanced migration in heteroepitaxial growth of compound semiconductors 72846
Rouhani, M.Djafari *see* Djafari Rouhani, M.
Rouhet, J. *see* Bertrand, S. 100071
Roujean, J.L. *see* Ni, W. 120898
Rouleau, C.M. *see* Lowndes, D.H. 113425
Rouleau, D. *see* Lecomte, R. 90351
Rouleau, D. *see* Lecomte, R. 90426
Roulin, M., Junod, A., Walker, E. Scaling behavior of the derivatives of the specific heat of $YBa_2Cu_3O_{6.93}$ at the superconducting transition up to 16 tesla 75325
Roulston, D.J. *see* McAndrew, C.C. 115157
Roumeliotis, J.A., Savaidis, S.P. Scattering by an infinite circular dielectric cylinder coating eccentrically an elliptic metallic one 65764
Roumie, M. *see* Osswald, F. 69582
Round, S.D., Yu, Q., Norum, L.E., Undeland, T.M. Performance of a unified power flow controller using a d-q control system 70844
Round, S.D. *see* Yu, Q. 121081
Rounds, S. *see* Shi, J. 105647
Roundy, C.B. Electronic beam diagnostics evaluate laser performance 79733
Rouphael, T., Cruz, J.R. Enhanced CDMA cellular system using interpolated circular arrays 109543
Rouquette, P., Gasquet, D., Barberousse, F., De Raedt, W., Baeyens, Y. Influence of kink effect on noise measurements in InP substrate PHEMTs at microwave frequencies 106090
Roura, P., Bosch, J., Clark, S.A., Peiro, F., Comet, A., Morante, J.R., Williams, R.H. Quantification by optical absorption of the coarse modulation observed by transmission electron microscopy in InGaAs layers grown on InP(100) 105168
Roura, P. *see* Costa, J. 94263
Roure, D.De *see* De Roure, D.
Rouse, G. *see* Patel, A. 92292
Rouse, N., Totsuka, T., Kato, Y. FARAD–a storage system for random real-time data 109954
Rouse, R. *see* Siyuan Han 64541
Roush, M. *see* Chaparala, P. 64060
Roush, M. *see* Chaparala, P. 95254
Rousina-Webb, R., Dzioba, S., Gatlant, M., Raine, L., Tong, R., Rolland, C. ECR CVD of silicon oxynitride films for antireflection coating of 10 Gbit/s, 1.56 μm multi-quantum well InP/InGaAsP Mach-Zehnder modulators 92946
Rouskas, G.N., Baldine, I. Multicast routing with end-to-end delay and delay variation constraints 87495
Rouskas, G.N., Sivaraman, V. On the design of optimal TDM schedules for broadcast WDM networks with arbitrary transceiver tuning latencies 88582
Rousseau, D. *see* Mours, B. 100821
Rousseau, D. *see* Mours, B. 120196
Rousseau, E., Galligo, M., Cavigioli, C., Andreotti, F.G., Giani, M., Jarvinen, K., Ali-Yrkko, O., Kapanen, P., Honkanen, T. Average complexity: GSM full-rate versus candidate half-rate codecs 99141
Rousseau, F. *see* Delaveaud, Ch. 66058
Rousseau, J.J., Zegadi, L., Tenant, P. A complete hysteresis model for soft ferrites taking into account the temperature 115587
Rousseau, P. *see* Curley, P.F. 107219
Rousseau, P. *see* Le Blanc, C. 96229
Rousseau, P.M. *see* Herrera-Gomez, A. 74100
Rousseaux, F. *see* Hehn, M. 64271
Rousseaux, F. *see* Ravet, M.F. 84259
Rousseeuw, P.J. *see* Cheniae, M.G. 101737
Rousseeuw, P.J. *see* Mili, L. 70644
Roussel, A. *see* Aikens, D. 85431
Roussel, D. An ultra low-cost HF SSB/CW transceiver with 20 W output, an AGC meter, S-meter and audio filters. I. The design 88086
Roussel, D. An ultra-low cost HF SSB/CW transceiver with 20 W output, an AGC meter, S-meter and audio filters. II 118781
Roussel, H., Jouvie, F., Tabbara, W. Reflection from a grating of quasi-randomly distributed fibers. Integral equation representation vs. homogenization approach 66007
Roussel, H. *see* Lefebvre, J. 107877
Roussel, P. *see* Degraeve, R. 95253
Roussel, P. *see* Degraeve, R. 115369
Roussel, P. *see* Degraeve, R. 115405
Roussel, P. *see* Ogier, J.L. 84606
Roussel, P. *see* Torres, A. 79423
Rousset, A. *see* Bouet, L. 64332
Rousset, A. *see* Bouet, L. 106572
Rousset, A. *see* Peigney, A. 61439
Rousset, B. *see* Rousset, V. 84251
Rousset, V., Itoua, S., Joachim, C., Tsobnang, F., Rousset, B., Pham, H.H. Fabrication of submicrometre buried gold-palladium wires on MoS_2 using electron beam lithography 84251
Rousso, B., Avidan, S., Shashua, A., Peleg, S. Robust recovery of camera rotation from three frames 86456
Rousso, B. *see* Ben-Ezra, M. 77158
Roussos, J. *see* Christianson, K. 73810
Roussos, J.A. *see* Anderson, W.T. 73801
Rout, B. *see* Kuri, G. 83808
Rout, B. *see* Satyam, P.V. 105459
Route, R.K. *see* Lee, S.Y. 92747
Routkevitch, D., Tager, A.A., Haruyama, J., Almawlawi, D., Moskovits, M., Xu, J.M. Nonlithographic nano-wire arrays: fabrication, physics, and device applications 105392
Routray, A., Dash, P.K., Panda, S.K. A fuzzy self-tuning PI controller for HVDC links 111568
Routray, A. *see* Dash, P.K. 80993
Routray, A. *see* Dash, P.K. 111522
Routray, A. *see* Dash, P.K. 111575
Rouvaen, J.M. *see* Aghaei Nia, H. 117936
Rouvaen, J.M. *see* Assaad, J. 101592
Rouvaen, J.M. *see* Bazzi, O. 87203
Rouve, L.-L., Ossart, F., Waeckerle, T., Kedous-Lebouc, A. Magnetic flux and losses computation in electrical laminations 115494
Rouve, L.-L., Waeckerle, Th., Kedous-Lebouc, A. Analytical computation of average induction in a sheet cross section considering magnetic diffusion and hysteretic features 107702
Rouviere, J.L. *see* Brun-Le Cunff, D. 83989
Roux, B.T.Le *see* Le Roux, B.T.
Roux, C. *see* Daviot, J. 71060
Roux, C. *see* Lecornu, L. 70070
Roux, D.B.Le *see* Le Roux, D.B.
Roux, F. *see* Gamache, J.F. 90774
Roux, F.S. Extracting one-dimensional wavelet features with a diffractive optical inner-product transform 98264
Roux, G.Le *see* Le Roux, G.
Roux, J. *see* Audoin, B. 66624
Roux, J.F. *see* Kouame, D. 110450
Roux, J.P., Escotte, L., Plana, R., Graffeuil, J., Delage, S.L., Blanck, H. Microwave noise performance of self-aligned GaInP/GaAs HBT 63598
Roux, J.P. *see* Plana, R. 63604
Roux, L. *see* Flory, F. 106918
Roux, M. *see* McKeown, D.M. 70551
Roux, O.H., Martineau, P. Deadlock prevention in a distributed real-time system 87781
Roux, P. *see* Delage, S.L. 62341
Rouyer, C. *see* Blanchot, N. 85428
Rouyer, C. *see* Jolly, A. 85416
Rovaglio, M., Manca, D., Pazzaglia, G., Serafini, G. Inverse response compensation for the optimal control of municipal incineration plants: model synthesis and experimental validation 81293
Rovainen, C.M. *see* Dowling, J.L. 101221
Rovati, L., Fankhauser, F., II, Ricka, J. Design and performance of a new ophthalmic instrument for dynamic light-scattering measurements in the human eye 101088
Rovatti, R., Manaresi, N., Franchi, E. Hardware-software codesign of OTA-based defuzzification stages 113780
Rovatti, R. *see* Bellini, A. 108423
Rovder, J. On monotone solution of the third-order differential equation 60782
Rovelli, C. Thailand's first hot strip mill 103181
Rover, D.T. *see* Ratha, N.K. 98100
Rovera, G.D. *see* Santarelli, G. 61675
Roverato, A., Whittaker, J. Standard errors for the parameters of graphical Gaussian models 103613
Rovere, M. *see* Carbonaro, C.M. 63071
Rovetta, A., Sala, R., Cosmi, F., Xia Wen, Milanesi, S., Sabbadini, D., Togno, A., Angelini, L., Bejczy, A.K. A new telerobotic application: remote laparoscopic surgery using satellites and optical fiber networks for data exchange 90549
Rovetta, A., Sala, R., Xia Wen, Togno, A. Remote control in telerobotic surgery 80416
Rovetta, S. *see* Ancona, F. 108159
Rovetta, S. *see* Boni, A. 108594
Rovetta, S. *see* Carrato, S. 108629
Rovida, S. *see* Fornasari, N. 82532
Rovira, J.M.Virgos *see* Virgos Rovira, J.M.
Rovithakis, G.A., Christodoulou, M.A. Direct adaptive regulation using dynamic neural networks: application to DC motors 71337
Rovner, A.L., Cmolik, B.L., Thompson, D.R., Cheever, E.A., Geha, A.S., George, D.T. Optimizing muscle wrap orientation for aortomyoplasty 80413
Rovner, M. *see* Bernadas, S. 79200
Rowan, C. *see* Watson, T.A. 96863
Rowan, T.M. *see* Kerkman, R.J. 71328
Rowan, T.M. *see* Kerkman, R.J. 71804
Rowan, T.M. *see* Kerkman, R.J. 102866
Rowan, T.M. *see* Seibel, B.J. 71748
Rowberg, A.H. *see* Stewart, B.K. 109574
Rowe, B. *see* Unno, Y. 100858
Rowe, G.B. *see* Neve, M.J. 107919
Rowe, J.C. *see* Dyson, E. 112825
Rowe, K., Roberts, G.K. Integrating heterogeneous multiprocessor system solutions: A unified approach 99637
Rowe, L.A. *see* Boreczky, J.S. 66923
Rowe, L.A. *see* Boreczky, J.S. 108710
Rowe, L.A. *see* Brubeck, D.W. 119424
Rowe, L.A. *see* Smith, B.C. 67357
Rowe, L.A. *see* Smoot, S.R.. 103544
Rowe, L.A. *see* Woodruff, A. 77960
Rowe, M. Calibration counts in temperature measurements 89542
Rowe, M. Use VMEbus cards in VXIbus systems 99881
Rowe, P.J. Development of a low-cost video vector for the display of ground reaction forces during gait 120361
Rowe, S., Blake, A. Statistical feature modelling for active contours 67311
Rowe, S., Blake, A. Statistical mosaics for tracking 108410
Rowe, S.W. *see* Spiliopoulos, I. 81609
Rowe, V.G. *see* Bishop, D.N. 92130
Rowe, W.A. *see* Busta, H.H. 83755
Rowe, W.A. *see* Unno, Y. 80035
Rowe, W.B. *see* Chen, X. 97680
Rowell, G.H. *see* Hill, E.v.K. 82816
Rowell, N. *see* Labrie, D. 94691
Rowell, N.L. *see* Jorio, A. 94330
Rowell, N.L. *see* Lafontaine, H. 82636
Rowland, L.B. *see* Agarwal, A.K. 105997
Rowland, L.B. *see* Brandt, C.D. 104054
Rowland, L.B. *see* Burk, A.A., Jr. 104038
Rowland, L.B. *see* Davis, R.F. 103876
Rowland, L.B. *see* Sinharoy, S. 82609
Rowland, L.B. *see* Sriram, S. 83385
Rowland, R. Step-by-step SMT. 4. Printing 62483
Rowland, W.H., Jr. *see* Boney, C. 85508
Rowland, W.H., Jr. *see* Johnson, M.A.I. 72778
Rowland, W.H., Jr. *see* Johnson, M.A.L. 72776
Rowland, W.H., Jr. *see* Johnson, M.A.L. 82694
Rowlands, J. *see* Ali, M. 99803
Rowlands, J.A., Taylor, J.E. Design of a laser scanner for a digital mammography system 80295
Rowlands, J.A. *see* Fahrig, R. 80208
Rowles, C.D. *see* Dai, W. 67685
Rowlette, J. *see* Liu, Y.S. 116287
Rowlette, J.R., Sr., Kallen, M.K., Lewis, W., Stack, J., Ward, T., Mueller, C., Plotts, A. Coupling of VCSEL array into multimode polymer waveguides 85078
Rowley, G. *see* Fletcher, E.J. 96966
Rowley, H.A., Baluja, S., Kanade, T. Neural network-based face detection 86383
Rowley, M.D., Harris, J.G. An edge enhancement technique for analog VLSI early vision applications 110209
Rowse, D.P. *see* Murphy, J.A. 65613
Roxlo, C.B. *see* Osenbach, J.W. 65267
Roy, A. *see* Artigas, J.I. 77106
Roy, A. *see* Birla, N. 85602
Roy, A. *see* Chandran, K.B. 80202
Roy, A. *see* Pati, G.S. 97897
Roy, A. *see* Sarkar, A. 69607
Roy, A. *see* Tripathi, A. 116620
Roy, B., Mereu, R.F. Signal enhancement using pattern recognition techniques with application to near vertical crustal seismic reflection experiments 111078
Roy, B. *see* Patra, H.P. 90738
Roy, B.K. *see* Singh, P. 90629
Roy, C. *see* Beland, S. 113604
Roy, D. Design and implementation of remote robotic control system for nuclear power plant application achieved through kinesthetic force feedback model 111738
Roy, D., Pentland, A. Automatic spoken affect classification and analysis 117297 .
Roy, D. *see* Lautridou, P. 69792
Roy, D. *see* Mukhopadhyay, S.C. 111957
Roy, D.K. *see* Singh, A. 106102
Roy, D.P. Composite stochastic model for EMI-identification 76462

Roy, E., Stewart, R.W., Durrani, T.S. Stability condition for certain recursive second-order polynomial filters 97713
Roy, E., Stewart, R.W., Durrani, T.S. High-order system identification with an adaptive recursive second-order polynomial filter 114083
Roy, G., April, G.-E., Ribeiro, E.R. An AC-AC converter made of two semi direct frequency changers has no limits on the voltage gain 71470
Roy, G. *see* Alexahia, Y. 79968
Roy, G. *see* Alexandrof, V.A. 100628
Roy, G. *see* Bailey, R. 79964
Roy, G. *see* Faugier, A. 79947
Roy, G. *see* Faugier, A. 79948
Roy, G. *see* Ghanem, M.C. 71535
Roy, G. *see* Ribeiro, E.R. 71509
Roy, I.Le *see* Le Roy, I.
Roy, J., Bosse, E., Duclos-Hindie, N. Quantitative comparison of sensor fusion architectural approaches in an algorithm-level testbed 111411
Roy, J. *see* Bhattacharyya, A.B. 101436
Roy, J. *see* Katkoori, S. 93214
Roy, J.N. *see* Chaku, V. 106975
Roy, J.N. *see* Verma, P.R. 106213
Roy, J.S., Chowdhury, S.K. Experimental studies on a square microstrip antenna with short-circuited square rings 76564
Roy, K., Bingzhong Guan, Sechen, C. A sea-of-gates style FPGA placement algorithm 113645
Roy, K., Sechen, C. A timing-driven partitioning system for multiple FPGAs 113646
Roy, K. *see* Chuan-Yu Wang 95200
Roy, K. *see* Chuan-Yu Wang 113852
Roy, K. *see* Somasekhar, D. 73297
Roy, K. *see* Tan-Li Chou 93314
Roy, K. *see* Tan-Li Chou 113912
Roy, K. *see* Yibin Ye 93246
Roy, K. *see* Yibin Ye 104463
Roy, L., Ming Li, Simons, N. Measurement techniques for millimeter-wave integrated antennas 117041
Roy, L., Mohammed, T.A. Comparative study of two iterative schemes applied to decoupled load flow methods 80753
Roy, L. *see* Labonte, S. 120499
Roy, M. *see* Hariharan, P. 110354
Roy, M.S. *see* Sharma, G.D. 94443
Roy, N., Dudek, G., Freedman, P. Surface sensing and classification for efficient mobile robot navigation 77007
Roy, P., Pagnoux, D. Analysis and optimization of a Q-switched erbium doped fiber laser working with a short rise time modulator 107147
Roy, P. *see* Blondy, J.M. 64705
Roy, P.K., Ma, Y., Weinhoffer, M. Lightly nitrided N_2O/O_2 gate oxidation process for submicron complementary metal-oxide semiconductor technology 84130
Roy, P.K. *see* Asakawa, M. 96555
Roy, P.K. *see* Fujita, M. 96451
Roy, P.K. *see* Rau, W.-D. 74996
Roy, P.P., Doradla, S.R., Deb, S. Analysis of series resonant converter using a frequency-domain model 121653
Roy, R., Ravichandran, D., Badzian, A., Breval, E. Attempted hydrothermal synthesis of diamond by hydrolysis of β-SiC powder 94279
Roy, R. *see* Kumar, S. 104151
Roy, R. *see* Ravichandran, D. 103966
Roy, R. *see* Williams, Q.L. 116404
Roy, R.A. *see* Clevenger, L.A. 74635
Roy, R.I.Samanta *see* Samanta Roy, R.I.
Roy, R.J. *see* Abbate, A. 90538
Roy, R.J. *see* Nayak, A. 80388
Roy, R.K. *see* Banerjee, S. 93328
Roy, R.K. *see* Chakradhar, S.T. 61863
Roy, R.R., Ramamurthy, R.S., Kuthyar, A.K. Peer-to-peer and network-based multimedia bridging architectures 87936
Roy, S., Mehregany, M. Design, fabrication, and characterization of electrostatic microrelays 73842
Roy, S. *see* Fleischman, A.J. 74939
Roy, S. *see* Furukawa, S. 63451
Roy, S. *see* Furukawa, S. 64020
Roy, S. *see* Honig, M.L. 67554
Roy, S. *see* Jelicic, B.D. 86030
Roy, S. *see* Jelicic, B.D. 117146
Roy, S. *see* Jelicic, B.D. 117147
Roy, S. *see* Kumar, P.S. 87272
Roy, S. *see* Schlegel, C. 119020
Roy, S. *see* Schlegel, C.B. 88210
Roy, S. *see* Murthy, S.S. *(editor)* 103290
Roy, S.C.Dutta *see* Dutta Roy, S.C.
Roy, S.K., Avanic, B.L. A very high heat flux microchannel heat exchanger for cooling of semiconductor laser diode arrays 65212
Roy, S.R., Haji-Sheikh, A. Modeling and analysis of a new multiwafer hot wall phosphorus doping reactor 63234
Roy, T., Sarkar, T.K., Djordjevic, A.R., Palma, M.S. A hybrid method solution of scattering by conducting cylinders (TM case) 97079
Roy, T., Sarkar, T.K., Djordjevic, A.R., Salazar-Palma, M. A hybrid method solution of scattering by an elliptic cylinder (TM case) 97092
Roy, T. *see* Sarkar, T.K. 96880
Roy, T.Sony *see* Sony Roy, T.
Roy, V. *see* Momy, A. 100798
Roy, W.van *see* van Roy, W.
Roy, Y., Chouinard, J.-Y., Mahmoud, S.A. Selection diversity combining with multiple antennas for MM-wave indoor wireless channels 68083
Roy Chowdhury, D. *see* Chakraborty, S. 93228
Roy-Aikins, J.E.A. Economic performance comparison of combined-cycle and cogeneration proposals for pipeline application 112650
Royannez, P., Amara, A. A 1.0 ns 64-bits GaAs adder using quad tree algorithm 93264
Roybal, W. *see* Rees, D. 100473
Roychoudhuri, C. *see* Manzur, T. 107268
Roychowdhury, J. A new technique for the efficient solution of singular circuits 113660
Roychowdhury, J.S., Melville, R.C. Homotopy techniques for obtaining a DC solution of large-scale MOS circuits 82853
Roychowdhury, V. *see* Bandyopadhyay, S. 84502
Roychowdhury, V.P., Janes, D.B., Bandyopadhyay, S., Xiaodong Wang Collective computational activity in self-assembled arrays of quantum dots: a novel neuromorphic architecture for nanoelectronics 104772
Roychowdhury, V.P. *see* Chatterjee, C. 98320
Roye, D. *see* Zolghadri, M.R. 121934
Royer, D. *see* Chenu, C. 104222
Royer, K.W. *see* Abd El-Azeem, M.H. 65907
Royer, K.W. *see* Sobhy, M.I. 66111
Royer, K.W. *see* Sobhy, M.I. 85956
Royer, K.W. *see* Sobhy, M.I. 107968
Royle, G.J., Royle, N.E., Pani, R., Speller, R.D. Design of high resolution collimators for small gamma cameras 101262
Royle, M.C., MacKinnon, M.A. Optical aspects of traffic signals and variable message signs 100259
Royle, N.E. *see* Royle, G.J. 101262
Royset, A., Laming, R.I. Demonstration of standard fiber transmission limited by third-order dispersion 84998
Royset, A. *see* Bjerkan, L. 68474
Roytelman, I., Melnik, V., Lee, S.S.H., Lugtu, R.L. Multi-objective feeder reconfiguration by distribution management system 70869
Roza, A. *see* Nimberger, A. 112190
Roza, A. *see* Nimberger, A. 112191
Rozanov, K.N. *see* Matytsin, S.M. 110349
Rozanov, N.N. Characteristics of laser autosolitons within the framework of the method of moments 107529
Rozanov, V.A. Three-phase booster transformers 71381
Rozanska, M. *see* Hazumi, M. 100854
Rozanska, M. *see* Tsuboyama, T. 100836
Rozanski, G. Telecommunication devices from Ascom in the intra- and inter-office communications systems with integrated services 87834
Roze, K. *see* Gherm, V. 73932
Roze, K.S. *see* Semykina, E.A. 105167
Rozen, J.R. *see* Koch, R.H. 95510
Rozenbaum, V.M. *see* Gabovich, A.M. 114844
Rozenfeld, A. *see* Butson, M.J. 80511
Rozet, M.E. *see* Ponomarev, L.I. 108032
Rozgonyi, G.A. *see* Park, J.-G. 61889
Rozgonyi, G.A. *see* Park, J.-G. 63224
Rozgonyi, G.A. *see* Romanowski, A. 105103
Rozhankovskii, Yu.V. *see* Anisimov, V.A. 103062
Rozhanskii, N.V., Lifshits, V.O. Silicide islands formation during interface reactions of thin films of metallic glasses with Si substrates 94817
Rozhdestvensky, B. *see* Kashikhin, V. 90059
Rozhdestvin, V.N. *see* Grechin, S.G. 116438
Rozhentsov, A.A. *see* Furman, Ya.A. 76936
Rozhkov, A.V. *see* Rakhmanov, A.L. 106700
Rozhkov, V.M. Nondestructive monitoring of the electrical strength of capacitors 62385
Rozhkov, V.M. Relaxational method of monitoring the electrical strength of insulation 64100
Rozhkov, V.V. *see* Shembel, E.M. 112175
Rozhkov, V.V. *see* Shembel, E.M. 112236
Rozhnev, A.G. *see* Bessudnova, N.O. 74022
Rozhnev, A.G. *see* Sokolov, D.V. 74038
Rozhnev, A.G. *see* Trubetskov, D.I. 74003
Rozier, R.G. *see* Ford, J.E. 95642
Rozier, R.G. *see* Krishnamoorthy, A.V. 65002
Roziere, G. *see* Kaftandjian, V. 80158
Rozina, M.V. *see* Ermolov, I.N. 113582
Rozina, O.Yu., Didik, Yu.I. Accuracy of algorithms for calculating active power in a circuit with polyharmonic effects 73020
Rozman, V. *see* Hudoklin, A. 72167
Rozon, C. On the use of VHDL as a multi-valued logic simulator 73318
Rozploch, F., Fabisiak, K., Patyk, J., Ryczek, R., Bala, W. Influence of boron doping on CVD-diamond films properties 114897
Rozsa, K. *see* Tobin, R.C. 116381
Rozzi, D. *see* Fazzi, A. 121604
Rozzi, T., Pierantoni, L., Farina, M. Modal propagation, energy storage, and dissipation in uniform, linear, isotropic waveguides 85926
Rozzi, T., Pierantoni, L., Farina, M., Buontempo, I. A new approach to the efficient determination of the hybrid and complex spectrum of inhomogeneous, closed waveguide 107976
Rozzi, T., Zappelli, L. Pulse propagation and transients in proximity of coupled dielectric guides 116995
Rozzi, T. *see* Cascio, L. 85914
Rozzi, T. *see* De Leo, R. 65912
Rozzi, T. *see* Farina, M. 62270
Rozzi, T. *see* Farina, M. 62339
Rozzi, T. *see* Farina, M. 93843
Rozzi, T. *see* Moglie, F. 85917
Rozzi, T. *see* Mongiardo, M. 65938
Rozzi, T. *see* Morini, A. 62201
Rozzi, T. *see* Morini, A. 98970
Rozzi, T. *see* Morini, A. 114217
Rozzonelli, D. *see* Jourdan, J. 108252
Ru Guoyun *see* Guoyun Ru
Ru Qiongna *see* Qiongna Ru
Ru-J. Hung, Ying-Tian Long, Guo-Jun Zu Coupling of helium II slosh dynamics and orbital dynamics in microgravity 90673
Ru-Jong Jeng *see* Ging-Ho Hsiue 85646
Ru-Jong Jeng *see* Te-Hwei Suen 85651
Ru-Wei Gao, De-Heng Zhang Effect of grain alignment on the coercivity for sintered NdFeB magnets 115484
Rua, M. *see* Rang, J.C. 67882
Rua, M. *see* Tang, J.C. 67873
Ruai Yu, Beccue, S., Zampardi, P.J., Pierson, R.L., Petersen, A., Wang, K.C., Bowers, J.E. A packaged broad-band monolithic variable gain amplifier implemented in AlGaAs/GaAs HBT technology 119164
Ruan, D. R&D on fuzzy logic applications at SCK·CEN 102361
Ruan, D. *see* Wang, X. 102137
Ruan, J.Z. *see* Lu, D.F. 113626
Ruan, P. The display of large screen 100185
Ruan, S. A high-luminance large-segmented VFD with curved anode 89408
Ruan, S., Shi, M., Ge, S. Multicolor VFD for audio spectrum 89406
Ruan Gang *see* Niu Guofu 63665
Ruan Gang *see* Zhang Donghong 63832
Ruan Gang *see* Gang Ruan
Ruan Qiantu *see* Chen Xueqing 111484
Ruan Shuangchen *see* Yang Jianjun 96236
Ruan Shunling, Yuan Libo Perturbation correct method of graded index profile optical fiber scalar approach 95698
Ruan Xinbo, Yan Yangguang Zero-voltage-switched, PWM, phase-shifted converter employing an auxiliary resonant net 121751
Ruan Yingzheng *see* Chen Xiaoguang 65754
Ruan Yingzheng *see* Feng Lin 76625
Ruan Yingzheng *see* Zhou Haijing 66172
Ruan Yu *see* Cao Danhua 106764
Ruan Yu *see* Yu Ruan
Ruan Zhigang, Wang Ruli Image wavelet/classified vector quantization and its application in fingerprint recognition 98173
Ruatto, P. *see* Takagi, T. 64276
Ruay-Shiung Chang *see* Jin-An Chen 78370
Rub, P., Joss, W. A new type of radially cooled helices designed for a 25 T magnet 96990
Rubalcava, A.L. *see* Roesch, W.J. 63960
Ruban, L.V. *see* Korolyev, A.V. 117652
Rubanov, A.S. Dynamic holograms and phase conjugation in multilevel resonant media 76299
Rubanov, A.S. *see* Karpuk, S.M. 116760
Rubash, H.E. *see* Musolino, M.C. 70229
Rubbelynck, C. *see* Foulon, F. 80062
Rubbelynck, C. *see* Foulon, F. 101018
Rubbia, C. Long baseline neutrino oscillations and proton decay: the ICARUS project 80094
Rubbia, C. *see* Bulfone, D. 76053
Rubbia, C. *see* Calero, J. 89547
Rubbia, C. *see* Mandrillon, P. 79906
Rubbia, C. *see* Walker, R.P. 96521
Rubeiro, C.A. *see* Cabral, F.A.O. 115503
Rubeiz, M. *see* Read, B.C. 120625
Rubel, H., Linfield, E.H., Hill, N.P.R., Nicholls, J.T., Ritchie, D.A., Brown, K.M., Pepper, M., Jones, G.A.C. Frictional drag between closely spaced two-dimensional electron gases 105360
Ruben, D. *see* Larson, L. 82263
Rubenchik, A.M. *see* Ditmire, T. 65410
Rubenchik, A.M. *see* Shore, B.W. 96585
Rubenchik, A.M. *see* Stuart, B.C. 107477
Ruber, R. *see* Calen, H. 120194
Ruber, R. *see* Yamaoka, H. 90189
Ruberg, J. *see* Klausmeyer, U. 112636
Ruberti, R. *see* Bosi, F. 90134
Ruberto, C.Di *see* Di Ruberto, C.
Ruberto, M.N., Madjar, A., Shemesh, Y. A novel optimal design approach for a microwave active laser driver 107438
Rubia, T.de la *see* de la Rubia, T.
Rubia, T.Diaz de la *see* Diaz de la Rubia, T.
Rubin, A. *see* Shoup, V. 76834
Rubin, D., Temynkh, A. On beam-beam limit with a horizontal crossing angle at CESR 120019
Rubin, D. *see* Padamsee, H. 100471
Rubin, D.L. CESR status and plans 79950
Rubin, G.D., Beaulieu, C.F., Argiro, V., Ringl, H., Norbash, A.M., Feller, J.F., Dake, M.D., Jeffrey, R.B., Napel, S. Perspective volume rendering of CT and MR images: applications for endoscopic imaging 90324
Rubin, I., Cheon Won Choi Delay analysis for forward signaling channels in wireless cellular network 88275
Rubin, I., Ho-Ting Wu Performance analysis and design of CQBT algorithm for a ring network with spatial reuse 98497
Rubin, I., Hsing-Kuo Hua SMARTNet: an all-optical wavelength-division meshed-ring packet-switching network 78100
Rubin, I. *see* Moghe, P. 77643

Rubin, I. *see* Moghe, P. 98403
Rubin, I. *see* Ratkovic, A. 77650
Rubin, L. *see* Jones, K.S. 62680
Rubin, M. *see* Woodford, P. 117726
Rubin, M.D. *see* Chan, J.S. 63238
Rubin, M.D. *see* Gassmann, A. 103838
Rubin, M.W. *see* Gesell, L.H. 66150
Rubin, P.L. Unstable cavity with a diffraction grating 116587
Rubin, S.W. *see* Sablik, M.J. 115845
Rubin Xin *see* Xin Rubin
Rubinacci, G. *see* Albanese, R. 65690
Rubinacci, G. *see* Albanese, R. 65692
Rubinacci, G. *see* Pierri, R. 65705
Rubinelli, F.A., Liu, H., Wronski, C.R. A comparison of the hydrogenated amorphous Si Schottky barrier and the hydrogenated amorphous Si p-i-n dark forward-bias current density-voltage characteristics 114798
Rubinfeld, P.I. *see* Gronowski, P.E. 73468
Rubinina, N.M. *see* Volk, T.R. 96777
Rubino, A. *see* Cocurullo, G. 75553
Rubino, G. *see* Mahevas, S. 103566
Rubinov, A.M., Simsek, B. Conjugate quasiconvex nonnegative functions 72545
Rubinov, A.N., Ryzhechkin, S.A., Efendiev, T.S. Pressure compensation of the temperature shift of the emission wavelength of a distributed-feedback laser 65062
Rubinov, A.N. *see* Afanasev, A.A. 65061
Rubinov, V.M. *see* Aitbaev, B.A. 102976
Rubinraut, A.M., Matveichuk, P.A., Barbashev, E.V., Tkachenko, L.M. Magnetic field of magnetic-resonance tomograph with permanent magnets 120332
Rubinshtein, I.A. *see* Kerkow, H. 90184
Rubinsky, B. *see* Shannon, M.A. 119891
Rubinstein, I. *see* Golan, Y. 62903
Rubinstein, I. *see* Golan, Y. 114789
Rubinstein, M. An approximate formula for the calculation of the horizontal electric field from lightning at close, intermediate, and long range 107693
Rubinstein, M. *see* Calderbank, A.R. 66387
Rubinstein, M. *see* Horwitz, J.S. 106479
Rubio, A. *see* Altet, J. 113846
Rubio, A. *see* Rullan, M. 73240
Rubio, A.J. *see* Sanchez, V. 117333
Rubio, J.A. *see* Calero, J. 89547
Rubiola, E. High-stability current control in the 10 A range 104318
Rubizzo, U. *see* Barbarino, G.C. 80097
Rublik, F. Some tests on exponential populations 92401
Rubloff, G.W. *see* Shareef, I.A. 61381
Rubloff, G.W. *see* Tedder, L.L. 61418
Rubner, M.F. *see* Fou, A.C. 75746
Rubner, M.F. *see* Lee, J.-K. 107007
Rubner, M.F. *see* Onitsuka, O. 116271
Rubner, W. *see* Butz, R. 92689
Rubsam, R. *see* Abt, I. 80025
Rubsam, R. *see* Abt, I. 100825
Rubtsov, A.N., Fedyanin, A.A., Mishina, E.D., Nikulin, A.A., Aktsipetrov, O.A., van Hasselt, C.W., Devillers, M.A.C., Rasing, T. Macroscopic size effect in second harmonic generation from SiO_2-coated Si(111): the role of optical Casimir nonlocality 107518
Rubtsov, A.N. *see* Aksipetrov, O.A. 74433
Rubtsov, A.N. *see* Aktsipetrov, O.A. 84009
Rubtsov, A.N. *see* Aktsipetrov, O.A. 85696
Rubtsov, A.N. *see* Aktsipetrov, O.A. 96733
Rubtsov, A.N. *see* Mishina, E.D. 96743
Rubtsov, N.M. *see* Ratnov, A.G. 61398
Ruby, D. *see* Doshi, P. 103000
Ruby, R. Micromachined cellular filters 99287
Ruby, R.C. *see* Field, L.A. 88469
Ruch, D.K. *see* Massopust, P.R. 97820
Ruchal, S.P. Low cost splint made from drain pipe 110937
Ruchti, R. *see* Baumbaugh, B. 80030
Ruchti, R. *see* Baumbaugh, B. 89063
Ruchti, R. *see* Baumbaugh, B. 100882
Ruchti, R. *see* Chung, M. 80031
Ruchti, R.C. Latest results in fiber tracking from the DØ upgrade 80001
Ruck, B. *see* Oelze, B. 61989
Ruck, D. *see* Schosser, A. 68368
Ruck, D. *see* Tiginyanu, I.M. 105558
Ruck, D.W. *see* Brandstrom, G.W. 98042
Ruck, D.W. *see* Burns, T.J. 66932
Ruck, D.W. *see* McCandless, D.A. 90458
Rucker, H., Methfessel, M., Bugiel, E., Osten, H.J. Strain-stabilized Si-C alloy layers containing 20% carbon embedded pseudomorphically in Si 61213
Rucker, S. *see* Barnhart, B. 90892
Rucker, S. *see* Barnhart, B. 120587
Rucker, W. *see* Renhart, W. 65998
Rucker, W.M. *see* Huber, C.J. 107722
Ruckert, U. *see* Ruping, S. 62132
Ruckh, M., Schmid, D., Kaiser, M., Schaeffler, R., Walter, T., Schock, H.W. Influence of substrates on the electrical properties of Cu(In,Ga)Se_2 thin films 94454
Ruckh, M. *see* Hariskos, D. 103013
Ruckh, M. *see* Schmid, D. 103010
Rucki, Z. *see* Moron, Z. 110318
Rucki, Z. *see* Szczepanik, Z. 110317
Ruckmongathan, T.N. An addressing technique with reduced hardware complexity 89370
Rucky, F. *see* Sowers, J. 97367
Rud', L.A. *see* Kirilenko, A.A. 62178
Rud', L.A. *see* Kirilenko, A.A. 114212
Rud, L.A. *see* Kirilenko, A.A. 116971
Rud', V.Yu., Rud', Yu.V., Shunemann, P.G. Photoluminescence of p-type $ZnGeP_2$ single crystals 114661
Rud', V.Yu. *see* Lebedev, A.A. 95958
Rud', Yu.V. *see* Lebedev, A.A. 95958
Rud', Yu.V. *see* Rud', V.Yu. 114661
Ruda, H.E. *see* Liu, Q. 75682
Rudakov, M.L. *see* Fiodorova, I.G. 103188
Rudakov, T.N., Mikhal'tsevich, V.T. Damping of transients in an excited circuit of an NQR spectrometer 73173
Rudakov, V.I. *see* Mochalov, B.V. 105532
Rudan, M. *see* Ciampolini, P. 69065
Rudan, M. *see* Pellegrini, A. 63605
Rudan, M. *see* Pellegrini, A. 84422
Rudan, M. *see* Valdinoci, M. 84299
Rudan, M. *see* Vecchi, M.C. 69144
Rudasill, C.L., Jr., Ward, D.J. Distribution underground cable evaluation 121161
Rudberg, M.K., Wanhammar, L. New approaches to high speed Huffman decoding 117228
Rudd, A.D. *see* Cho, P.S. 108518
Rudd, J.V. *see* Hwang, J.R. 106962
Rudd, J.V. *see* Jiunn-Ren Hwang 64992
Rudd, S.E. Will IN make it to the dance? 118543
Ruddell, A.J. *see* Bleijs, J.A.M. 102586
Ruddell, A.J. *see* Dutton, A.G. 102552
Ruddell, F.H. *see* Montgomery, J.H. 82718
Ruddock, I.S. *see* Brown, K.M. 65577
Rudduck, R. *see* Rahmat-Samii, Y. 66086
Rude Zhu *see* Zhu Rude
Rudee, M.L. *see* Yi, J.Y. 64272
Rudell, R. Tutorial: design of a logic synthesis system 83065
Ruden, P.P. *see* Akinwande, A.I. 73950
Ruden, P.P. *see* Albrecht, J.D. 74320
Ruden, P.P. *see* Cong, L. 74780
Ruden, P.P. *see* Cong, L. 82611
Ruden, P.P. *see* Kolnik, J. 74149
Ruden, P.P. *see* Oguzman, I.H. 114620
Rudenko, M.A. *see* Pimenov, S.F. 85871
Rudenko, M.A. *see* Pimenov, S.F. 107900
Rudenko, V.N. *see* Buklerskii, A.V. 101506
Rudenko, V.N. *see* Konyashenko, E.A. 86002
Ruders, F. *see* Horstmann, M. 89103
Rudge, A. *see* Colledani, C. 69807
Rudiger, C. Vacuum switching. 3WS circuit-breakers, proven in many applications 81175
Rudiger, C. Selection made easy. Circuit-breakers–a program for every application 81626
Rudiger, J. *see* Krems, T. 83480
Rudiger, U., Fumagalli, P., Berndt, H., Schirmeisen, A., Guntherodt, G., Hollander, B. Effect of Al interlayers on growth and magneto-optic properties of MnBi thin films 84816
Rudiger, U., Fumagalli, P., Dworak, P., Guntherodt, G. Structural, magnetic and magneto-optic properties of MnBiPt thin films 115617
Rudiger, U., Fumagalli, P., Dworak, P., Schimeisen, A., Guntherodt, G. Influence of Al capping layers on growth, topography, and magnetic properties on MnBi thin films 75190
Rudin, A.M. *see* Gurevich, V.L. 63070
Rudin, D. *see* Hartung, W. 90028
Rudin, L. *see* Guichard, F. 117647
Rudin, S., Guterman, L.R., Granger, W.E., Bednarek, D.R., Hopkins, L.N. Application of region-of-interest imaging techniques to neurointerventional radiology 101236
Rudin, S. *see* Dickmander, D.L. 91085
Rudin, S. *see* Fletcher, L.M. 110785
Rudisch, I. *see* Beigl, M. 78566
Rudkin, R.A. *see* Steele, B.C.H. 81851
Rudkowska, G. *see* Ciureanu, P. 64287
Rudkowska, G. *see* Ciureanu, P. 115475
Rudkowski, P. *see* Ciureanu, P. 64287
Rudkowski, P. *see* Ciureanu, P. 115475
Rudman, D.A. *see* DeGroot, D.C. 114181
Rudman, D.A. *see* Rosenthal, P.A. 95503
Rudnick, E.M. *see* Hsiao, M.S. 73232
Rudnick, E.M. *see* Hsiao, M.S. 104477
Rudnick, E.M. *see* Lee, T. 104427
Rudnick, G. *see* Kichimi, H. 69718
Rudnick, H. The changing role of technology in electric power systems in a deregulated environment: the case of Chile 90996
Rudnick, H. Pioneering electricity reform in South America 101838
Rudnick, H., Palma, R., Cura, E., Silva, C. Economically adapted transmission systems in open access schemes–application of genetic algorithms 102003
Rudnick, H. *see* Cotos, J. 101879
Rudnick, H. *see* Palma, R. 101983
Rudnitskaya, A.M. *see* Di Natale, C. 69069
Rudnitski, A.S. Mode numbers of waveguides with kaleidoscopic transverse walls 73627
Rudnitsky, Yu.V. *see* Burtsev, A.V. 107181
Rudolf, D. FPGAs (Field Programmable Gate Arrays) with SRAM, decoder and JTAG 93251
Rudolf, R. *see* Burkard, R.E. 113229
Rudolf, S. *see* Siebert, A. 74647
Rudolph, B.G. *see* Bishop, J.W. 113964
Rudolph, D. *see* Schmahl, G. 120238
Rudolph, L. *see* Feitelson, D.G. 64851
Rudolph, P., Boeck, T., Schmidt, P. Thermodiffusion and morphological stability in convectionless crystal growth systems from melts and melt-solutions 61156
Rudolph, P., Kawasaki, S., Yamashita, S., Yamamoto, S., Usuki, Y., Konagaya, Y., Matada, S., Fukuda, T. Attempts to growth of undoped CdTe single crystals with high electrical resistivity 92668
Rudolph, P. *see* Fukuda, T. 92671
Rudolph, P. *see* Wenisch, H. 74154
Rudolph, T. Discriminative codebook design for critical word recognition using evolution strategies 97655
Rudra, A. *see* Amano, C. 103936
Rudra, A. *see* Carlin, J.F. 103901
Rudra, A. *see* Carlin, J.F. 103958
Rudra, A. *see* Mur, L.C. 106692
Rudra, A. *see* Spicher, J. 85281
Rudra, A. *see* Spicher, J. 109630
Rudra, A.M. *see* Bhar, G.C. 65507
Rudra, A.M. *see* Bhar, G.C. 116655
Rudy, T.W., Livesay, G.A., Woo, S.L.-Y., Fu, F.H. A combined robotic/universal force sensor approach to determine in situ forces of knee ligaments 110652
Rudyak, V.M. *see* Bolshakova, N.N. 75031
Rudycheva, T.Yu. *see* Sverdlov, V.Ya. 95569
Rudziak, M.K. *see* Wong, T. 95402
Rudzinsky, M.R. *see* Austin, D.E. 70579
Rue, G.S.La *see* La Rue, G.S.
Rue, R. *see* Fraser, I. 91888
Rue, R.M.De La *see* De La Rue, R.M.
Rueb, M. *see* Reisloehner, U. 74225
Rueck, D.M. *see* Brunner, S. 64758
Rueck, D.M. *see* Tinschert, K. 100755
Rueda, A. *see* Lubaszewski, M. 93609
Rueda, A. *see* Vazquez, D. 106199
Rueda, A. *see* Yufera, A. 104634
Rueda, A. *see* Yufera, A. 110076
Rueda, A.Guinea *see* Guinea Rueda, A.
Ruedi, H. Intelligent interfaces between power and control: gate drivers for IGBTs 104303
Ruedi, P.-F. Motion detection silicon retina based on event correlations 69325
Rueger, D. *see* Gordon, H.A. *(editor)* 112736
Rueger, W. *see* Morin, R.L. 110815
Rueger, W. *see* Morin, R.L. 110894
Ruegg, R. *see* Meyer, M. 122043
Ruegger, M.H., Rothlin, A.J. Meter testing of the future [power system metering] 102318
Ruegsegger, P. *see* Muller, R. 90299
Ruehl, J.J. *see* Brauer, J.R. 71610
Ruehle, M. *see* Duscher, G. 94224
Ruehle, U. *see* Hariskos, D. 103013
Ruel, R. *see* Lovinger, A.J. 74299
Ruemmler, J. DESY III–dump system with one fast kicker 100724
Rueppel, R.A. *see* Xuejia Lai 66498
Ruerup, D. *see* Schneider, D. 74132
Ruesch, C. Building automation and communication technology today–and tomorrow 81923
Ruether, J.C. *see* Holmstrom, K.J. 102377
Ruey Shing Huang *see* Kwang Ming Lin 69023
Ruey-Beei Wu A wideband waveguide transition design with modified dielectric transformer using edge-based tetrahedral finite-element analysis 97221
Ruey-Beei Wu, Fang-Lin Chao Flat spiral delay line design with minimum crosstalk penalty 60616
Ruey-Beei Wu *see* Cheng-Geng Jan 93654
Ruey-Beei Wu *see* Chien-Nan Kuo 62278
Ruey-Bing Hwang, Ching-Chuan Wei Small perturbation analysis of diffracted holographic gratings 65554
Ruey-Cheng Shyu *see* Shyu Ruey-Cheng
Ruey-Jen Wang *see* Liang-Ying Liu 97478
Ruey-Lian Horng *see* Hsi-Ching Chen 81513
Ruey-Ling Young *see* Wei-I Lee 83551
Ruey-Shing Huang *see* Kwang-Ming Lin 74854
Ruey-Tzer Liaw *see* Pei-Yung Hsiao 73210
Ruey-Wen Liu Blind signal processing: an introduction 117428
Ruey-Wen Liu *see* Guojie Dong 97693
Ruey-Wen Liu *see* Hui Luo 117439
Ruey-Wen Liu *see* Seung-Jin Choi 90895
Rueywen Liu *see* Lang Tong 76922
Ruf, B., Behrendt, F., Deutschmann, O., Warnatz, J. Simulation of reactive flow in filament-assisted diamond growth including hydrogen surface chemistry 61402
Ruf, B., Behrendt, F., Deutschmann, O., Warnatz, J. Simulation of homoepitaxial growth on the diamond (100) surface using detailed reaction mechanisms 82622
Ruf, B. *see* Behrendt, F. 92795
Ruf, C. *see* Maurer, W. 65731
Ruf, C.S., Beus, S.E. Estimation of the ocean/atmosphere boundary layer height of water vapor from space 120799
Ruf, C.S., Dewan, R.P., Subramanya, B. Combined microwave radiometer and altimeter retrieval of wet path delay for the GEOSAT follow-on 101497
Ruf, M.J. *see* Fazel, K. 68885
Ruf, T. *see* Koshka, J. 114583
Rufenach, C.L. An offset between scatterometer directional anisotropy and wind direction across the equatorial Pacific Ocean 111216
Rufer, A. *see* Tognolini, M. 121702

Rufer, A.-C., Schibli, N., Briguet, C. A direct coupled 4-quadrant multilevel converter for 16 2/3 Hz traction systems 122054
Rufer, C. *see* Scandale, W. 89825
Ruff, C.F. *see* Hughes, S.W. 110688
Ruff, D.A. *see* Bohenek, B.J. 80723
Ruff, L. *see* Fidan, I. 73886
Ruff, M. *see* Schulze, H.-J. 105929
Ruffatto, D. *see* Kovacs, M. 109805
Ruffer, R., Chumakov, A.I. Nuclear-resonance beamline at ESRF 69910
Ruffie, G. *see* Beaudin, G. 79100
Ruffie, G. *see* Febvre, P. 68828
Ruffing, K. Cordless phones: no strings attached with SAW filters 99382
Ruffing, K. Surface acoustic wave filter for cordless communications 118924
Ruffins, T.R. *see* Cotter, J.E. 112375
Ruffle, R., Bass, J., Bullmore, A. Removing the subjectivity from tonal noise assessment 102594
Ruffler, D., Fruhauf, S., Wittich, S., Starogardski, M. InfoRadio on demand, WebTV and digiTaz—telecommerce case studies 118632
Ruffler, D. *see* Reimann, K. 79123
Rufitskii, M.V. *see* Davidov, N.N. 106748
Rugar, D. *see* Mamin, H.J. 75406
Ruge, F. *see* Geib, R. 67535
Ruge, F. *see* Geib, R. 67924
Rugeles, L. *see* Castellanos, O. 102145
Rugelj, J. *see* Novak, R. 118177
Ruggeberg, B. *see* Klumperink, E.A.M. 61693
Ruggeri, S. *see* Perrier, P.A. 78855
Ruggieri, M. A Digital Signal Processing Course for communication systems applications 60444
Ruggieri, M., Giancristofaro, D., Graziosi, F., Santucci, F. An optimizable guard-channel-based handover procedure for mobile microcellular systems 99211
Ruggieri, M., Graziosi, F., Pratesi, M., Santucci, F. Modeling of handover initiation in a multicell system scenario 118967
Ruggieri, M., Graziosi, F., Santucci, F. A model of the handover dwell time in mobile cellular systems 68230
Ruggieri, M., Graziosi, F., Santucci, F. Characterization of the handover dwell time in mobile cellular networks 78495
Ruggieri, M., Santucci, F., Paladin, G. A traffic model for the seamless integration of satellite and terrestrial mobile networks 88187
Ruggiero, A.G. *see* Haffmans, A.F. 89878
Ruggiero, A.G. *see* Haffmans, A.F. 90001
Ruggiero, B. *see* Savestrini, P. 95495
Ruggiero, B. *see* Silvestrini, P. 95506
Ruggiero, F. *see* Laforgia, D. 112632
Ruggiero, V. *see* Galligani, E. 92588
Ruhela, V. *see* Rutz, W.L. 70730
Ruhl, F. Behaviour of line amplifier chains 75839
Ruhl, F. *see* Madden, S. 78846
Ruhl, J. *see* Kowitt, M.S. 99705
Ruhle, M. *see* Zheng, J.G. 74278
Ruhle, W.W. *see* Grahn, H.T. 62855
Ruhrig, M., Khamsehpour, B., Kirk, K.J., Chapman, J.N., Aitchison, P., McVitie, S., Wilkinson, C.D.W. The fabrication and magnetic properties of acicular magnetic nano-elements 115519
Ruhsam, C. *see* Nopp, P. 70165
Rui, R. *see* Agnello, M. 110583
Rui, R. *see* Smith, G.R. 120229
Rui Chuo Huei Chiou, Ferreira, M.A.G.V., Kaufman, A.E. Using wavelet for volume motion analysis of grouped region 86884
Rui Ferreira, M. *see* Bachus, E.-J. 78914
Rui Li *see* Tiefenback, M.G. 100706
Rui Li *see* Yunn, B.C. 89946
Rui Li *see* Li Rui
Rui Liu, Caldeira, P., Kustera, D. A low noise, multi-output and multi-resonant flyback power supply for television application 71548
Rui Xin *see* Xin Rui
Rui Yang *see* Yong-Ching Lim 114125
Rui Yang *see* Yang Rui
Rui Yin *see* Yin Rui
Rui-Chi Wang *see* Nen-Fu Huang 88162
Ruibin Qu, Agarwal, R.P. Solving two point boundary value problems by interpolatory subdivision algorithms 72694
Ruibing Hao, Jianping Wu, Meilin Shi Test execution method based on TTCN's operational semantics 118096
Ruibing Hao *see* Hao Ruibing
Ruibo Wang *see* Wang Ruibo
Ruichek, Y., Postaire, J.-G. A connexionist approach for the correspondence problem in linear stereo vision 87086
Ruifang Zhang *see* Tianshu Zhang 100158
Ruifu Luo *see* Luo Ruifu
Ruigang Wang *see* Weixuan Xu 112805
Ruijin Jia *see* Jia Ruijin
Ruijven, L.J.van *see* van Ruijven, L.J.
Ruikang Yang *see* Li Song 117780
Ruikang Zhu *see* Zhu Ruikang
Ruike, M., Fujita, S., Noto, F., Sakai, T. Effect of filler on treeing breakdown in epoxy resin 92961
Ruike, M. *see* Motohashi, A. 110253
Ruile, W. *see* Holm, A. 95329
Ruile, W. *see* Manner, O. 106430
Ruile, W. *see* Rosler, U. 106424
Ruimei Wen *see* Wen Ruimei
Ruiming Zhang *see* Ismail, M.E.H. 72705
Ruining Li *see* Li Ruining
Ruipeng Sun, Ximin Huang, Kai Ma, Hai Jing Measurement of surface anchoring energy and study of surface alignment for nematic liquid crystals 84942
Ruipeng Sun, Ximin Huang, Kai Ma, Xibin Shao Display characteristics of amorphous parallel ECB-LCD 89342
Ruiping Cheng *see* Cheng Ruiping
Ruisheng Wang *see* Wang Ruisheng
Ruisi, R. *see* Macelloni, G. 111159
Ruitang Liu *see* Liu Ruitang
Ruiter, A.G.T., Moers, M.H.P., Jalocha, A., van Hulst, N.F. Development of an integrated NSOM probe 99935
Ruiter, B.de *see* de Ruiter, B.
Ruiter, J.de *see* de Ruiter, J.
Ruixiang Guo *see* Kuanshou Zhang 85439
Ruixing Fan *see* Yang, D. 94234
Ruiyi Chen *see* Dayue Zheng 69241
Ruiying Zheng *see* Zheng Ruiying
Ruiz, A. *see* Alfonso, J.E. 75520
Ruiz, C. *see* Beauvais, P.-Y. 89995
Ruiz, C. *see* Haouat, G. 89994
Ruiz, C.L., Cooper, G.W., Chambers, G., Schmidlapp, F.A. Measurement of proton, lithium, and fluorine ion energy densities on PBFA II 69643
Ruiz, C.L., Cooper, G.W., Chambers, G., Schmidlapp, F.A. Calibration of direct nuclear activation diagnostics for measuring proton, lithium, and fluorine intense ion beams 69644
Ruiz, C.L., Cooper, G.W., Chambers, G., Schmidlapp, F.A. Direct nuclear activation diagnostics of intense ion beams on PBFA IIX 110490
Ruiz, C.L. *see* Derzon, M.S. 69645
Ruiz, C.L. *see* Moats, A.R. 69642
Ruiz, D.-P. *see* Gallego, A. 78957
Ruiz, D.P., Carrion, M.C., Gallego, A., Morente, J.A. Identification of MA processes using cumulants: several sets of linear equations 66751
Ruiz, F., Banos, J. Application of computer simulation to mobile communication systems design and evaluation 119069
Ruiz, F. *see* Caballero, R. 60903
Ruiz, G., Doumi, T.L., Gardiner, J.G. Teletraffic studies for future personal satellite communication systems 88179
Ruiz, G., Doumi, T.L., Gardiner, J.G. Teletraffic analysis and simulation of mobile satellite systems 109435
Ruiz, G.A. Compact four bit carry look-ahead CMOS adder in multi-output DCVS logic 93308
Ruiz, I. *see* De Blas, P. 110867
Ruiz, J. *see* Cuevas, E. 107978
Ruiz, J. *see* Gasparian, V. 85818
Ruiz, J.F. *see* Kovalerchuk, B. 120355
Ruiz, J.M. *see* del Valle, I. 102609
Ruiz, J.M. *see* Lobo, I. 103056
Ruiz, L., Raja, P., Fischer, N., Decotignie, J.D. Self configuration protocol for a hard real time network 87457
Ruiz, L. *see* Blau, G. 106859
Ruiz, O., Samitier, J., Marco, S., Lopez Villegas, J.M., Burrer, C., Esteve, J. Torsional accelerometer with viscous damping control based on thin micromachined silicon structures 69072
Ruiz, O. *see* Marco, S. 110654
Ruiz, R. *see* Barbero, O. 111019
Ruiz, X. *see* Cabre, R. 75308
Ruiz, X. *see* Sole, R. 64339
Ruiz-del-Solar, J., Koppen, M. Automatic generation of oriented filters for texture segmentation 108726
Ruiz-Merino, F.J. *see* Garcia, C. 82249
Ruiz-Perez, J.J. *see* Fernandez-Pena, J. 74288
Rujun Chen *see* Chen Rujun
Rujun Hu *see* Hu Rujun
Rukandi, D. *see* Widjajanto, B. 87610
Rukavishnikov, N.N. *see* Bel'kov, S.A. 85699
Rukhadze, A.A. *see* Kazanskii, L.N. 65924
Rukhadze, N.I. *see* Briancon, C. 69880
Rukhadze, N.I. *see* Brudanin, V.B. 110622
Rukhlenko, A.S. Nodal analysis of multitransducer SAW devices 106433
Ruland, G. *see* Gvishi, R. 65063
Ruland, R.E. Alignment considerations for the Next Linear Collider 100738
Ruli Wang *see* Wang Ruli
Rulkens, R. *see* Cimrova, V. 116274
Rulkov, N.F., Sushchik, M.M. Experimental observation of synchronized chaos with frequency ratio 1:2 73145
Rullan, M., Ferrer, C., Oliver, J., Mateo, D., Rubio, A. Analysis of ISSQ/IDDQ testing implementation and circuit partitioning in CMOS cell-based design 73240
Rullier, J.L. *see* Gardelle, J. 75777
Rulnick, J.M., Bambos, N. Mobile power management for maximum battery life in wireless communication networks 88228
Rulu, D. Test challenges of digital video 98163
Rulz, C.L. *see* Mehlhorn, T.A. 69637
Ruman Qiu *see* Bingsheng Qiu 79666
Rumberg, A. *see* Knorr, K. 103907
Rumelhard, C. R/D activities on MMICs in Europe 83517
Rumelhard, C. *see* Mathoorasing, D. 119134
Rumelhard, C. *see* Zahzouh, M. 109689
Rumin, N.C. *see* Zejda, J. 73228
Rumin Zhang *see* Hui Ma 64102
Rumjantzev, A.I. *see* Cherkasov, Yu.A. 76298
Rummel, S.R., McMahon, T.J. Effect of cell shunt resistance on PV module performance at reduced light levels 112381
Rummelin, S. *see* Wolke, K. 105610
Rumrill, R.S. *see* Boenig, H.J. 112116
Rumsby, P.T. *see* Harvey, E.C. 74920
Rumsewiczy, M. *see* Northcote, B. 77642
Rumyantsev, A.I. *see* Cherkasov, Yu.A. 65571
Rumyantsev, B. *see* Parfenov, A. 106885
Rumyantsev, S.-L. *see* Levinshtein, M.E. 74759
Rumyantsev, S.L. *see* Palmour, J.W. 63777
Rumyantsev, S.L. *see* Palmour, J.W. 105208
Rumyantsev, V.D. *see* Andreev, V.M. 105385
Rumyantsev, V.G. *see* Makeev, N.G. 80146
Rumyantsev, Yu.M. *see* Fainer, N.I. 113426
Run Kim Do *see* Do Run Kim
Run-Di Hong, Dow, J.D., Sankey, O.F., Allgaier, R.S. Resonant impurity scattering contribution to the mobility of $Pb_{1-x}Sn_xTe$ 62779
Run-Han Wang, White, R.L., Meeks, S.W., Min, B.G., Kellock, A., Homola, A., Yoon, D. The interaction of perfluoro-polyether lubricant with hydrogenated carbon 115761
Runciman, H.M. Impact of FLIR parameters on waveband selection 79553
Runde, M., Aurud, T., Ljokelsoy, K., Lundgaard, L.E., Nakleby, J.E., Skyberg, B. Risk assessment basis of moving particles in gas insulated substations 121822
Runde Zhou The trend of the microprocessor design toward the year of 2000 93422
Rundell, A.E., Drakunov, S.V., DeCarlo, R.A. A sliding mode observer and controller for stabilization of rotational motion of a vertical shaft magnetic bearing 95392
Rundquist, A., Backus, S., Taft, G., Peatross, J., Murnane, M., Kapteyn, H. Temporal characterization of ultrashort high power laser pulses 96600
Rundquist, A. *see* Backus, S. 65134
Rundquist, A. *see* Chang, Z. 90243
Rung-Ywan Tsai, Mu-Yi Hua Microstructural, optical, and mechanical properties of reactive electron-beam-coevaporated TiO_2-MgF_2 composite films 110406
Runge, B. Calculation of the temperature field at standstill of explosion-protected induction motors by three-dimensional finite element time-stepping method 81460
Runge, K. *see* Bowers, J.E. 109606
Runge, K. *see* Chen, J.W. 114803
Runge, K. *see* De Geronimo, G. 115239
Runge, K. *see* Geppert, R. 120141
Runge, K. *see* Irsigler, R. 120139
Runge, K. *see* Lauxtermann, S. 120220
Runge, K. *see* Rogalla, M. 120146
Runge, K. *see* Pelfer, P.G. *(editor)* 103304
Runge, N., Cheng, J.M., Shen, H. Database access in a wireless environment 78097
Runger, G.C. *see* Mastrangelo, C.M. 72337
Runggeratigul, S. *see* Weiping Zhao 117967
Runmei Wang *see* Xunchun Li 94855
Runnion, E.F., Gladstone, S.M., IV, Scott, R.S., Dumin, D.J., Lie, L., Mitros, J. Limitations on oxide thicknesses in flash EEPROM applications 93389
Runnion, E.F. *see* Gladstone, S.M., IV 75005
Runqiu Gue *see* Gue Runqiu
Runser, R.J. *see* Ganchev, S.I. 82794
Runsheng Liu *see* Liu Runsheng
Runstadl, P. *see* Clemente, P. 83008
Runstein, F., Violaro, F. An isolated-word speech recognition system using neural networks 86133
Runton, D.W., Swanson, C.M. Design heat sinks to ensure power-device reliability 95069
Runtz, K. *see* Hack, D. 81179
Runtz, K. *see* Raum, C. 74971
Runtz, K. *see* Simon, B. 74844
Runtz, K. *see* Toth, J.M. 99683
Runwei Cheng *see* Mitsuo Gen 103699
Runwen Wang *see* Wang Runwen
Runyuan Wu *see* Wu Runyuan
Runzhi Qiu *see* Qiu Runzhi
Ruo Zhang, Ping-Sing Tsai, Shah, M. Photomotion 67024
Ruo-Ding Li *see* SunHyun Youn 116737
Ruobiao Liang *see* Liang Ruobiao
Ruocco, G. *see* Verbeni, R. 110628
Ruofeng Tong *see* Tong Ruofeng
Ruohonen, J. *see* Tognola, G. 120433
Ruohonen, K. An effective Cauchy-Peano existence theorem for unique solutions 82546
Ruokonen, T. *(editor)* IFAC Symposium on Fault Detection, Supervision and Safety for Technical Processes - SAFEPROCESS '94. Preprints 103235
Ruomei Li *see* Li Ruomei
Ruomei Mu, Peida Ye Switching characteristic of solitons in active birefringent fiber 116161
Ruomei Mu *see* Chunyan Zhang 119178
Ruoping Wang *see* Wang Ruoping
Ruoping Yao *see* Xuhui Wen 71287
Ruoping Yao *see* Yao Ruoping
Ruoso, G. *see* De Riva, A.M. 96579
Ruoss, H.-O., Landstorfer, F.M. Electromagnetic dyadic Green's function for a layered homogeneous lossy dielectric sphere as head model for numerical EMC investigation 120558

Ruotanen, L.H., Hujanen, A. Simple derivation of the constitutive parameters of an isotropic chiral slab from wideband measurement data 76379
Ruotsalainen, T., Palojarvi, P., Kostamovaara, J. BiCMOS and CMOS timing detectors for the receiver of a portable laser rangefinding device 99666
Ruotsalainen, T., Palojarvi, P., Kostamovaara, J. A 160 MHz BiCMOS differential amplifier channel with gain control for the receiver of a portable laser rangefinding device 99667
Ruowen Rong, Lowther, D.A., Hua Su, Spence, R. Application of response surface methodology in the design and optimization of electromagnetic devices 107804
Rupasov, A.A. *see* Fedin, D.A. 100908
Rupcic, S. *see* Rimac-Drlje, S. 78353
Rupf, M. *see* Ruprecht, J. 97565
Ruping, S., Ruckert, U. A scalable processor array for self-organizing feature maps 62132
Rupnik, T. *see* Majaron, B. 107194
Rupp, C. *see* Becker, H. 84746
Rupp, C. *see* Von Schickfus, M. 106460
Rupp, C.C. *see* Lorenzini, E.C. 111026
Rupp, D.J. *see* Raab, F.H. 73172
Rupp, G. *see* Schmeusser, S. 115646
Rupp, G. *see* van den Berg, H.A.M. 115874
Rupp, M., Sayed, A.H. A time-domain feedback analysis of filtered-error adaptive gradient algorithms 76974
Rupp, M., Sayed, A.H. Robustness of Gauss-Newton recursive methods: a deterministic feedback analysis 97725
Rupp, M. *see* Sayed, A.H. 97780
Rupp, R., Lanig, P., Schorner, R., Dohnke, K.-O., Volkl, J., Stephani, D. Improvement of the SiC CVD epitaxial process in a vertical reactor configuration 103994
Rupp, R. *see* Holzlein, K. 105595
Rupp, R. *see* Stein, R.A. 105586
Rupp, R.A., Sugg, B., Nurge, H., Neumann, M., Jantz, W. Holographic recording in the photorefractive weak ferromagnet FeBO$_3$ 116776
Rupp, R.A. *see* Odoulov, S.G. 65561
Rupp, W. *see* Mulkens, J. 84276
Rupp, W.M. GPS-based LEO satellite position and attitude determination augmented by pseudolites on Earth 109837
Ruppel, W. Interactive video services on the basis of T-Online 109876
Ruppert, W. The lightweight tamper: a dynamic plate press 121203
Ruppert Filho, E., Avolio, E., Riehl, R.R. Three-phase squirrel-cage induction motor dynamic thermal mathematical model 102704
Ruppertz, S. *see* Drechsler, R. 73029
Rupprecht, H.S. *see* Pelfer, P.G. *(editor)* 103304
Rupprecht, W. *see* Ghavami, M. 83238
Rupprecht, W. *see* Schilpp, M. 119441
Ruprecht, E. *see* Quanhua Liu 107926
Ruprecht, J., Rupf, M. On the search for good aperiodic binary invertible sequences 97565
Ruprecht, R., Bacher, W., Haussett, J.H., Piotter, V. Injection molding of LIGA and LIGA-similar microstructures using filled and unfilled thermoplastics 74908
Ruqi Han *see* Binghui Li 84455
Ruqi Han *see* Jinfeng Kang 82278
Ruqi Han *see* Xudong Guan 84456
Ruqian Wu, Freeman, A.J. First principles determinations of magnetostriction in transition metals 75121
Ruqian Wu, Freeman, A.J. Magnetic circular dichroism at the K and L edges of Co and Cu in Co/Cu(001) 84814
Ruqian Wu, Lujun Chen, Kioussis, N. Structural and magnetic properties of fcc Pt/Fe(111) multilayers 64365
Rus, B., Holden, P.B., Mocek, T., Kalal, M., Zeitoun, P., Sebban, S., Demir, A., Jamelot, G., Kralikova, B., Krasa, J., Pina, L., Skala, J., Tallents, G.J. Design of efficient soft X-ray laser using neonlike Fe driven by iodine laser 116314
Rus, B. *see* Zeitoun, Ph. 75781
Rusack, R. *see* Peigneux, J.P. 120164
Rusack, R.W. *see* dela Cova, J. 100881
Rusakova, I. *see* Zagozdzon-Wosik, W. 114901
Rusan, R. *see* Motoyama, H. 85789
Rusby, R.L., Hudson, R.P., Durieux, M., Grohmann, K., Jung, H.-J., Steur, P.P.M., Nicholas, J.V. The status of thermodynamic thermometry 119527
Ruscak, M., Keilova, E., Kocik, J., Burda, J., Chvatal, P. Structural aspects of the environmentally assisted cracking of WWER 440 dissimilar weld joints 71087
Ruscak, S., Singer, L. Measurement of white noise in analogue-to-digital converters 93521
Ruscak, S. *see* Clarke, B. 117128
Rusch, D. *see* Baumung, K. 110480
Ruschin, S. *see* Scarlat, D. 75542
Ruschioni, R.A. *see* Rangayyan, R.M. 66875
Ruscuk, M., Gul, E. Comparison of EKF and a fuzzy filter for tracking a maneuvering target 97709
Rusek, T. *see* Gacek, Z. 80747
Ruser, H. *see* Magori, V. 111400
Rush, D.W., Vance, J., Goldhar, J., Burdge, G.L. High resolution reflection holography using DuPont photopolymer holographic recording film 96824
Rush, G.E., McLernon, D.C. An application of spectral analysis to weld penetration detection 72339
Rush, T. *see* Raghunathan, K. 101484
Rushan Ni *see* Lianwei Wang 82667
Rushanan, J.J. *see* Games, R.A. 66481
Rushdi, A.M. *see* Affandi, A.M. 93750
Rushford, M.C. *see* Dixit, S.N. 85735
Rushforth, C.K. *see* Wei Wang 99223
Rushworth, S. *see* Moller, H. 105585
Rushworth, S.A., Brown, J.R., Houlton, D.J., Jones, A.C., Roberts, V., Roberts, J.S., Critchlow, G.W. Alternative precursor systems for the MOCVD of aluminium nitride and gallium nitride 61412
Rushworth, S.A. *see* Jones, A.C. 72906
Rushworth, S.A. *see* Whitaker, T.J. 103963
Ruskell, T.G., Pyle, J.L., Workman, R.K., Yao, X., Sarid, D. Current-dependent silicon oxide growth during scanned probe lithography 84188
Rusko, M. *see* Vandahl, T. 106461
Rusnak, B., Shapiro, A. Test results for a heat-treated 4-cell 805-MHz superconducting cavity 100496
Rusnak, I. Exponential criterion-based guidance law for acceleration constrained missile and maneuvering target 80742
Russ, B.E. *see* Malinowski, M.E. 74019
Russ, C., Verhaege, K., Bock, K., Groeseneken, G., Maes, H.E. Simulation study for the CDM ESD behaviour of the grounded-gate nMOS 115221
Russ, C. *see* Verhaege, K. 116815
Russ, K.B. *see* Pignon, D. 64848
Russ, R. Adding value to broadband services 87575
Russak, M. *see* Bedoy, C. 115686
Russak, M. *see* Gao, C. 115698
Russak, M.A. *see* Lal, B.B. 64449
Russak, M.A. *see* Lal, B.B. 115760
Russak, M.A. *see* Yang, M.M. 115690
Russek, S.E. *see* Kirschenbaum, L.S. 115640
Russek, S.E. *see* Oti, J.O. 75209
Russek, S.E. *see* Oti, J.O. 115872
Russek, S.E. *see* Rice, P. 115830
Russell, A., Van de Stadt, H., Hayward, B., Duncan, B. JCMT plans for a heterodyne array 68802
Russell, A.D. *see* Bhat, C.M. 100715
Russell, A.D. *see* Brown, B.C. 90058
Russell, A.D. *see* Harding, D.J. 89795
Russell, A.D. *see* Harding, D.J. 89796
Russell, B.D. *see* Mamishev, A.V. 70911
Russell, B.D. *see* Mamishev, A.V. 91197
Russell, B.D. *see* Short, S.X. 111630
Russell, B.D. *see* Tengdin, J.T. 121262
Russell, C.A., Russell, K.E., Balachandra, J. Simulation of power system disturbances for testing of digital systems 101753
Russell, C.A. *see* Ziegler, J.F. 72394
Russell, D. *see* Benner, C.L. 70886
Russell, D.E. *see* McKee, W.R. 93387
Russell, D.L. *see* Brown, K.M. 65577
Russell, E. A window on the world of Grid network control 80915
Russell, G. *see* Ionescu, M. 95442
Russell, G. *see* Robson, M. 114075
Russell, G.J. *see* Oktik, S. 74191
Russell, G.T., Bell, J.M., Holt, P.O., Clarke, S.J. Sonar image interpretation and modelling 90824
Russell, I.A.D., Webb, P.W., Davis, R.G. Transient electro-thermal modelling of AlGas/GaAs HBTs 63609
Russell, J. *see* Wu, J. 110619
Russell, J.A., Sierra, R.A. Flash-lamp-excited self-injection-seeded Q-switched Ti:Al$_2$O$_3$ laser oscillator 107202
Russell, J.B. *see* Lebens, J.A. 114900
Russell, J.D., Halls, D.C., Leach, C. Grain boundary SEM conductive mode contrast effects in additive free zinc oxide ceramics 62739
Russell, J.D., Leach, C. β-conductivity contrast at barium titanate thermistor grain boundaries 106351
Russell, J.M., III *see* Lahoz, W.A. 120782
Russell, J.N., Jr., Bermudez, V.M., Leming, A. Low temperature growth of AlN(0001) on Al(111) using hydrazoic acid (HN$_3$) 82725
Russell, K. *see* Brown, B.W. 113102
Russell, K. *see* Robles, S. 61334
Russell, K. *see* Robles, S. 63456
Russell, K.E. *see* Russell, C.A. 101753
Russell, L. *see* Wiedeman, S. 112334
Russell, L.B. *see* Hayward, G. 111379
Russell, M., Marinilli, A., Sullivan, F. Millimeter wave, solid-state amplifiers in radar and communication systems 83367
Russell, M. *see* Stuber, G.L. 88836
Russell, M.D. *see* Mauceri, T. 80448
Russell, M.J. New trends in hospital and health care power protection 90261
Russell, N.V. *see* Chadwick, A.V. 89189
Russell, P.C., Alston, D., Smith, R.V., Jones, G.R., Huggett, P. On-line fibre optic based inspection using chromatic modulation for semiconductor materials processing 79514
Russell, P.E. *see* Thaus, D.M. 74900
Russell, P.S.J. *see* Birks, T.A. 64835
Russell, P.St.J. *see* Knight, J.C. 85031
Russell, P.St.J. *see* Lovering, D.J. 116629
Russell, P.St.J. *see* Pechstedt, D. 75677
Russell, P.St.J. *see* St.J. Russell, P.
Russell, R. *see* Bjorkman, N. 118047
Russell, R. *see* Burdick, S.V. 89141
Russell, R. *see* Crosby, S. 78023
Russell, R. *see* Duffield, N.G. 77579
Russell, S. *see* Carlsten, B.E. 89710
Russell, S.J., Gilpatrick, J.D., Power, J.F., Shurter, R.B. Characterization of beam position monitors for measurement of second moment 100574
Russell, S.W. *see* Barbero, C.J. 105448
Russell, T. *see* Bourke, M.M. 63300
Russell, T. *see* Brauer, S.O. 100740
Russell, T. *see* Bushnell, M.J. 91022
Russell, T. *see* White, M. 89764
Russell, T.J., Cours, A. Klystron modulator operation and upgrades for the APS linac 100478
Russell, W. Transients vs electronic circuits: survival of the fittest. I. The need for transient protection 70964
Russenschuck, S. *see* Laurent, G. 90049
Russenschuck, S. *see* Mohammed, O.A. 110485
Russenschuck, S. *see* Ostler, J. 90043
Russer, P. The alternating rotated transmission line matrix (ARTLM) scheme 116948
Russer, P. *see* Anzill, W. 114294
Russer, P. *see* Bader, B. 116941
Russer, P. *see* Fillebock, M. 73743
Russer, P. *see* Fillebock, M. 114279
Russer, P. *see* Holm, A. 95329
Russer, P. *see* Isele, B. 93709
Russer, P. *see* Krumholz, M. 97208
Russer, P. *see* Lindenmeier, S. 83475
Russer, P. *see* Lindenmeier, S. 85910
Russer, P. *see* Niederhoff, M. 95757
Russer, P. *see* Niederhoff, M. 96298
Russer, P. *see* Rosler, U. 106424
Russer, P. *see* Sobhy, M.I. 114249
Russer, P. *see* Thomann, W. 95821
Russer, P. *see* Vahldieck, R. 104968
Russo, A. *see* Berardi, P.G. 69544
Russo, E. *see* Crisci, M.R. 72709
Russo, E. *see* Di Zenobio, D. 88180
Russo, F. Fuzzy systems in instrumentation: fuzzy signal processing 69018
Russo, F. Fuzzy filtering of noisy sensor data 119553
Russo, F., Ramponi, G. A fuzzy filter for images corrupted by impulse noise 77184
Russo, F. *see* Busco, B. 122028
Russo, F. *see* Marino, P. 121484
Russo, G.V., Russo, M. A novel class of sorting networks 83260
Russo, J.F. Recycling for RMA flux/saponifier cleaning 82351
Russo, J.S. *see* Lim, J.K. 62493
Russo, M. Very fast analog sorting networks 114150
Russo, M. *see* Gabrielli, A. 100915
Russo, M. *see* Losi, A. 101865
Russo, M. *see* Russo, G.V. 83260
Russo, M.V. *see* Bearzotti, A. 119642
Russo, P. *see* Beccherle, R. 80297
Russo, P. *see* Bernini, U. 116656
Russo, P. *see* Del Guerra, A. 101315
Russo, P. *see* Di Fausto, M. 66019
Russo, R.E. *see* Reade, R.P. 92863
Russo, R.E. *see* Shannon, M.A. 119891
Russo, R.E. *see* Spear, J.D. 89113
Russo, S. *see* Beccherle, R. 80297
Russo, S.C., Sugimura, R.S. NASA IN-STEP Cryo System Experiment flight test 111052
Russo, V., De Agelis, G., Scaglione, A., Sfameli, V. Characterization of a three-spot lens for an optical fiber multiple connection 116049
Russow, K. *see* Hessel, V. 106268
Russu, E.V. *see* Slobodchikov, S.V. 63166
Russu, E.V. *see* Slobodchikov, S.V. 114682
Rust, A. *see* Young, K.C. 80255
Rust, B.W. Perturbation bounds for linear regression problems 103710
Rust, C. *see* Dix, W.R. 70096
Rust, C.A., Ojalvo, M. Electronic packaging and reliability research at the University of Maryland 60643
Rust, C.A. *see* Lall, P. 60601
Rustad, G., Stenersen, K. Modeling of laser-pumped Tm and Ho lasers accounting for upconversion and ground-state depletion 107195
Rustad, R. *see* Lokberg, O.J. 76274
Rustagi, S.C., Mohsen, Z.O., Chandra, S., Chand, A. C-V characterization of MOS capacitors in SOI structures 74499
Rustagi, S.C. *see* Chand, A. 106292
Rustako, A.J., Jr., Erceg, V., Roman, R.S., Willis, T.M., Ling, J. Measurements of microcellular propagation loss at 6 GHz and 2 GHz over non-line-of-sight paths in the city of Boston 78506
Rustemeier, M. *see* Magura, K. 109733
Rusten, T., Vassilevski, P.S., Winther, R. Interior penalty preconditioners for mixed finite element approximations of elliptic problems 61095
Ruster, R. *see* Bremer, J. 101557
Rusthoi, D.P. *see* Johnson, K.F. 100583
Rusthoi, D.P. *see* Yuan, V.W. 89733
Rusu, A., Ionescu, A.M., Cristoloveanu, S., Chovet, A., Seghir, H. Influence and extraction of series resistances in pseudo-MOS transistors 63682
Rusu, A. *see* Ionescu, A.M. 94704
Rusu, C., Burian, A., Popescu, V. On single-sensor active noise cancellation algorithms 66847
Rusyan, P.R. *see* Vartanyan, E.S. 92655
Ruszaj, A. *see* Zybura-Skrabalak, M. 91984

Ruszczyk, C.A. *see* Chlamtac, I. 78368
Ruszczynski, A. *see* Rosa, C.H. 82453
Ruszinko, M. *see* Kovacs, B. 95075
Rut, O.E. *see* Minkov, G.M. 105363
Rutberg, F.G., Kasharsky, E.G., Platonova, M.Yu., Khutoretsky, G.M. The selection of technical solutions in the design of an electrical supply source with a synchronous flywheel generator 71279
Rutberg, Ph.G. *see* Kolikov, V.A. 116838
Rutenbar, R.A. *see* Basaran, B. 84589
Rutenbar, R.A. *see* Basaran, B. 113865
Rutenbar, R.A. *see* Carley, L.R. 82855
Rutenbar, R.A. *see* Meier, P.C.H. 113867
Ruter, D., Bauhofer, W. Light generation and transportation in luminescent a-SiC:H thin film waveguides 95740
Ruterbusch, P.H. *see* Iodice, R.M. 68649
Ruth, G., Etkin, J. Principles of ATM topology design and cost modeling 108744
Ruth, G. *see* Olshansky, R. 118430
Ruth, R. *see* Ko, K. 89759
Ruth, R. *see* Raubenheimer, T. 89588
Ruth, R.D. Test facilities for future linear colliders 89642
Ruth, R.D. *see* Adolphsen, C. 89854
Ruth, R.D. *see* Berg, J.S. 89970
Ruth, R.D. *see* Merminga, N. 100770
Ruth, R.D. *see* Tantawi, S.G. 100485
Ruth, R.D. *see* Tantawi, S.G. 100486
Ruth, R.D. *see* Wang, J.W. 89650
Ruth, T.J. *see* Sossi, V. 101121
Ruther, P. *see* Gebhard, U. 112164
Ruther, P. *see* Maas, D. 74950
Rutherford, K., McClellan, S., Adhami, R. Improving the performance of Federal Standard 1016 (CELP) 97657
Rutkowski, A., Stec, B. Passive wide-band phase shifter 62221
Rutkowski, D. Principles of mobile cellular radio systems design and their development trends 88253
Rutkowski, P. *see* Miskinis, R. 114603
Rutledge, D. Micro-machining in submillimeter-wave circuits 93719
Rutledge, D., Jung-Chih Chiao, DeLisio, M., Liu, J. Active grids for quasi-optical power combining 83337
Rutledge, D.B. *see* Cheh-Ming Liu 62334
Rutledge, D.B. *see* Cheh-Ming Liu 93876
Rutledge, D.B. *see* De Lisio, M.P. 93791
Rutledge, D.B. *see* Jongsuck Bae 114198
Rutledge, J.C. *see* Whitmal, N.A. 120512
Rutledge, L., Buford, J.F., Price, R. Mobile objects and the HyOctane distributed hyperdocument server 78093
Rutledge, S.A. *see* Bringi, V.N. 90775
Rutledge, S.A. *see* Carey, L.D. 90776
Rutmanis, L., Stabulnieks, J., Ribickis, L. Different power conversion modes as a single process 121656
Rutmanis, L. *see* Latkovskia, L. 113736
Rutsche, E. *see* Biersack, E.W. 98374
Rutter, P. *see* Coppinger, F. 62929
Rutz, W.L., Oatts, M.L., Murib, T.B., Britton, J., Resek, J., Knode, R.B., Yaseen, R., Ruhela, V., Hackett, D.F. Critical issues affecting power system control center databases 70730
Rutzen, W., Stocklein, W., Unger, C. Calibration of optical time domain reflectometers 75485
Rutzen, W. *see* Stocklein, W. 68952
Ruusunen, J. *see* Rasanen, M. 91050
Ruusunen, J. *see* Rasanen, M. 102009
Ruvimov, S., Liliental-Weber, Z., Suski, T., Ager, J.W., III, Washburn, J., Krueger, J., Kisielowski, C., Weber, E.R., Amano, H., Akasaki, I. Effect of Si doping on the dislocation structure of GaN grown on the A-face of sapphire 94338
Ruvimov, S., Liliental-Weber, Z., Washburn, J., Duxstad, K.J., Haller, E.E., Fan, Z.-F., Mohammad, S.N., Kim, W., Botchkarev, A.E., Morkoc, H. Microstructure of Ti/Al and Ti/Al/Ni/Au ohmic contacts for n-GaN 105450
Ruvimov, S.S. *see* Kop'ev, P.S. 107351
Ruvimov, S.S. *see* Ledentsov, N.N. 62870
Ruvimov, S.S. *see* Ledentsov, N.N. 63081
Ruvimov, S.S. *see* Ledentsov, N.N. 92737
Ruxandra, V. *see* Antohe, S. 112331
Ruyan Guo *see* Bhalla, A.S. 113408
Ruying Chen *see* Chen Ruying
Ruymbeke, D.Van *see* Van Ruymbeke, D.
Ruymbeke, G.van *see* van Ruymbeke, G.
Ruyu, F. *see* Hanqing, Y. 76526
Ruzek, M. *see* Johnson, D.R. 112809
Ruzhang Li, Xiangdong Wu, Zhaoming Wang, Xiangfu Huang A new algorithm for generating symbolic network functions by computer 82838
Ruzhang Ma *see* Ma Ruzhang
Ruzhentsev, N., Kuzmenko, Yu.A. Flare angle changes antenna of the millimeter wave band 76602
Ruzhentsev, N.V., Churilov, V.P. Earth cover back scattering characteristics at the frequencies 94 GHz and 136 GHz 80595
Ruzic, D. *see* Rossnagel, S.M. 84216
Ruzic, D.N. *see* Kushner, M.J. 60557
Ruzic, D.N. *see* Kushner, M.J. 94760
Ruzic, S. Lagrangian relaxation technique in power systems operation planning: multipliers updating problem 102016
Ruzic, S., Rajakovic, N., Vuckovic, A. A flexible approach to short-term hydro-thermal coordination. I. Problem formulation and general solution procedure 102007
Ruzic, S., Vuckovic, A., Rajakovic, N. A flexible approach to short-term hydro-thermal coordination. II. Dual problem solution procedure 102008
Ruzyllo, J. *see* Hwang, D.K. 63355
Ruzyllo, J. *see* Hwang, D.K. 105664
Ruzyllo, J. *see* Ridley, R.S. 63367
Ruzyllo, J. *see* Staffa, J. 63360
Ryabinin, S.B. *see* Dmitriev, D.O. 81930
Ryabinkina, L.I. *see* Petrakovskii, G.A. 105211
Ryabko, B. Fast enumerative source coding 66443
Ryabko, B.Ya. *see* Reznikova, Zh.I. 76679
Ryabov, G.V. *see* Tumanovskii, A.G. 121340
Ryabov, M.S. *see* Galiulin, R.M. 107673
Ryabov, V.A. *see* Gushchin, E.M. 120217
Ryabova, L.I. *see* Akimov, B.A. 114670
Ryabtsev, G.I. *see* Batay, L.E. 76085
Ryabtsev, G.I. *see* Voitikov, S.V. 107234
Ryabukho, V.P., Chaussky, A.A., Tuchin, V.V. Interferometric testing of the random phase objects by focused spatially-modulated laser beam 116798
Ryabukho, V.P. *see* Klimenko, I.S. 107629
Ryabushkin, O.A. *see* Sablikov, V.A. 94340
Ryabyi, V.A., Savinov, V.P., Sporykhin, A.A., Yakunin, V.G. Electrical breakdowns of MOS structures: A primary cause of chip degradation in plasma 63377
Ryadov, A.V. *see* Vasiliev, A.S. 116327
Ryan, A. *see* Foley, S. 74633
Ryan, C.A., Tront, J.G. FX: a fast approximate fault simulator for the switch-level using VHDL 93312
Ryan, D.H., Cadogan, J.M. Observation of independent iron and rare-earth ordering in RFe_6Ge_6 (R=Y, Gd–Lu) compounds 75104
Ryan, D.H. *see* Ciureanu, M. 71652
Ryan, D.T., Hole, C.R.J., van der Burgt, M., Jones, H., Davies, C.M., Grovenor, C.R.M., Goringe, M.J., Dew-Hughes, D. D.C. transport critical current measurements on high temperature superconductors in pulsed fields up to 50 T 95411
Ryan, F.J. *see* Bachman, R.T. 70506
Ryan, H.M. GIS barriers: application of field computation strategies to switchgear 71558
Ryan, H.M. *see* Osborne, M.M. 102058
Ryan, H.M. *see* Tindle, J. 67612
Ryan, H.M. *see* Wong, K.C.P. 101665
Ryan, J. *see* Lee, Y. 113125
Ryan, J. *see* Parker, M. 113190
Ryan, J.F. *see* Fox, A.M. 76109
Ryan, J.F. *see* Kiener, C. 62980
Ryan, J.F. *see* Rota, L. 62924
Ryan, J.F. *see* Stevens, C.J. 74397
Ryan, J.F. *see* Taylor, R.A. 74381
Ryan, J.M. *see* Broers, A.N. 115107
Ryan, J.M. *see* Macri, J.R. 80155
Ryan, J.M. *see* Macri, J.R. 101024
Ryan, M.A. *see* Buehler, M.G. 119759
Ryan, M.A. *see* Shields, V.B. 119777
Ryan, M.J., Brumsickle, W.E., Lorenz, R.D. Control topology options for single-phase UPS inverters 112119
Ryan, M.J. *see* Pelizzari, C.A. 69973
Ryan, N.D. *see* Mingui Sun 110835
Ryan, N.J., Stone, D.A., Chambers, B., Cudd, P.A. Electromagnetic compatibility of electrical machines and drive systems 91801
Ryan, P.M. *see* Swain, D.W. 76576
Ryan, R. *see* Deis, G. 106719
Ryan, R. *see* Hamm, R.A. 103942
Ryan, R.W. *see* Montgomery, R.K. 93888
Ryan, T. *see* Stepanov, D.Y. 75462
Ryan, W.A., Shea, T.J. An sampling detector for the RHIC BPM electronics 100535
Ryan, W.E., Nan-Hsiung Yeh Viterbi detector for PR4-equalized magnetic recording channels with transition-shift and partial-erasure nonlinearities 115811
Ryan Lee I-Ming *see* I-Ming Ryan Lee
Ryang Park Kwang *see* Kwang Ryang Park
Ryasnyi, G. *see* Danilkin, M. 75713
Ryazantsev, A.A. *see* Vas'kovskij, V.O. 95348
Ryazantseva, N.V. *see* Khizhnyak, N.A. 85836
Ryba, M., Baitinger, U.G. An integrated concept for design project planning and design flow control 112850
Rybak, P.V. *see* Kazanskii, L.N. 65924
Rybak, P.V. *see* Vinogradov, S.V. 110479
Rybakov, D.D. *see* Sudarkin, A.N. 100973
Rybakova, L.F. *see* Starostina, T.A. 104171
Rybalov, A. *see* Yager, R.R. 92448
Rybarcyk, L.J. *see* Garnett, R.W. 89998
Rybarik, J. The entropy based on pseudo-arithmetical operations 60834
Rybczyk, J. Conformal coating process improvement [PCB manufacture] 103404
Rybczynski, T., Narayanan, R. ATM gets real about real-time apps 118640
Rybicki, G., Weinberg, I., Scheiman, D., Vargas-Aburto, C., Uribe, R. High and low-energy proton radiation damage in p/n InP MOCVD solar cells 71709
Rybicki, K. *see* Hazumi, M. 100854
Rybicki, K. *see* Tsuboyama, T. 100836
Rychkov, G.S. *see* Il'ichev, E. 84507
Rychlicki, L. *see* Neuenschwander, P. 109983
Ryckebusch, M. *see* Rappold, H.M. 73891
Ryczek, R. *see* Rozploch, F. 114897
Rydbeck, N., Chennakeshu, S., Dent, P., Hassan, A. Mobile-satellite systems: a perspective on technology and trends 118875
Ryder, D.M. *see* Walters, S.D. 102202
Ryder, D.M. *see* Zhang, Y. 81562
Rydholm, B. *see* Gertmar, L. 91488
Ryding, E. *see* Lantz, G. 110824
Rye, K., Nymark, G. Mixed voice/data management for private networks 108960
Rye, K.E. *see* Mariano, J.J. 88551
Rye, R.R. *see* Howard, A.J. 62470
Ryeo Ji Hwan *see* Ji Hwan Ryeo
Ryeol Park Hyuk *see* Hyuk Ryeol Park
Ryeu Jin Kyung *see* Jin Kyung Ryeu
Ryeung Kim Ki *see* Ki Ryeung Kim
Rygaard, J.M. *see* Ravn, H.F. 90914
Ryjik, B.V. *see* Fridman, V.M. 91458
Rykaczewski, K. *see* Van Duppen, P. 69686
Rykalin, V.I. *see* Brekhovskikh, V.V. 80013
Rykers, K.L. *see* Lydon, J.M. 90575
Rykov, V.J. *see* Kulish, N.R. 107538
Rylander, H.G., III *see* Nemati, B. 101411
Ryley, A. *see* Roberts, J.D. 95645
Rym, Ya.I. *see* Vasyl'tsiv, V.I. 106934
Rymarczyk, T., Sikora, J. Nondestructive testing of the copper-mine ceiling 77200
Rymell, L. *see* Berglund, M. 110630
Rymell, L. *see* Malmqvist, L. 63494
Rynders, S.W. *see* Langan, J.G. 61349
Ryne, R.D., Habib, S. Beam dynamics calculations and particle tracking using massively parallel processors 120061
Ryne, R.D., Habib, S., Wangler, T.P. Halos of intense proton beams 89992
Ryne, R.D. *see* Krawczyk, F.L. 89949
Rynn Wang *see* Hongching Shan 63334
Ryong Lee Chang *see* Chang Ryong Lee
Ryong Lee Seong *see* Seong Ryong Lee
Ryong Oh Kwang *see* Kwang Ryong Oh
Ryong Yee Soung *see* Soung Ryong Yee
Ryoo, I., Aida, H., Saito, T. Design and performance analysis of a new RTM algorithm for VBR traffic in ATM networks 87293
Ryoo, J.S., Kang, S.J., Yoon, Y.S. A study on the characteristics of BST thin films with various Ba/Sr ratio 115395
Ryoo Hong-Je *see* Hong-Je Ryoo
Ryoo Intae *see* Intae Ryoo
Ryoo Jeong Seon *see* Jeong Seon Ryoo
Ryoo Ji-Ho *see* Ji-Ho Ryoo
Rys, M.J. *see* McCahon, C.S. 112981
Ryschenkow, G. *see* Peremans, A. 107401
Rysdale, L., De Bot, P., Hulyalkar, S.N. Digital video broadcasting: satellite specification 99721
Rysiakiewicz-Pasek, E. *see* Safronsky, E.D. 69113
Ryskin, N.M. Suppression of the modulation instability in the interaction of a two-velocity electron stream with a backward electromagnetic wave 105080
Ryssel, H. *see* Bar, E. 93064
Ryssel, H. *see* Bourenkov, A. 84413
Ryssel, H. *see* Dian-Tong Lu 94217
Ryssel, H. *see* Jacob, M. 94216
Ryssel, H. *see* Kal, S. 105306
Ryssel, H. *see* Lipp, S. 113475
Ryssel, H. *see* Pichler, P. 62669
Ryssel, H. *see* Takai, M. 83740
Ryssel, H. *see* Tietzel, K. 94688
Ryszytiwskyj, W.P. *see* DeLiso, E.M. 89449
Rytchenkov, V. *see* Mason, A. 100944
Ryter, R., Zingg, R., Fichtner, W. Optimizing high voltage bipolar transistors in a smart-power complementary BiCMOS technology 84309
Ryter, R. *see* Von Arx, C. 63593
Rytter, W. *see* Gasieniec, L. 97525
Ryu, B., Murata, M., Miyahara, H. Design method for highly reliable ATM networks based on virtual path concept 77776
Ryu, B.K., Elwalid, A. The importance of long-range dependence of VBR video traffic in ATM traffic engineering: Myths and realities 117964
Ryu, B.K., Lowen, S.B. Point process approaches to the modeling and analysis of self-similar traffic .I. Model construction 87807
Ryu, C.M. *see* Lee, H.S. 93751
Ryu, C.W., Sim, J.H., Lee, J.H., Lee, J.H. A selective formation of high-quality fully recessed oxide 114979
Ryu, H., Rhee, P.K. A robust feature extraction technique for unconstrained handwritten character recognition 86685
Ryu, H.-G. *see* Yu, S.-G. 100172
Ryu, J.Y., Park, S.H., Choi, H.H., Kwon, T.H. ZnO thin film gas sensors for detection of TMA gas with Pt/Ti thin film heater 119756
Ryu, K.S. *see* Kim, H.A. 89468
Ryu, S., Kornegay, K.T. Design and fabrication of depletion load NMOS integrated circuits in 6H-SiC 106239
Ryu, S. *see* Stroud, D. 95472
Ryu, S. *see* Takeda, N. 68370
Ryu, S.R., Yu, W.-Y., Fu, L.P., Jiang, Z.X., Petrou, A., McCombe, B.D., Schaff, W. Negatively charged excitons (X^-) and D^- triplet transitions in $GaAs/Al_{0.3}Ga_{0.7}As$ multiple quantum wells 105372
Ryu, Y., Song, I., Chang, T., Kim, K.S. Adaptive code rate change for maximum throughput in DS-SSMA communication systems 99125
Ryu, Y. *see* Bae, J. 97852
Ryu, Y. *see* Fukushima, I. 91960

Ryu, Y.K., Cho, H.S. New optical sensing system for obtaining the three-dimensional shape of specular objects 77505
Ryu, Y.K., Cho, H.S. Visual inspection scheme for use in optical solder joint inspection system 82188
Ryu Dae Hyun *see* Dae Hyun Ryu
Ryu Geun Teak *see* Geun Teak Ryu
Ryu Heung-Gyoon *see* Heung-Gyoon Ryu
Ryu Jai Yon *see* Jai Yon Ryu
Ryu Jin Soo *see* Jin Soo Ryu
Ryu Kang-Sik *see* Kang-Sik Ryu
Ryu Myung-Kwan *see* Myung-Kwan Ryu
Ryu Seong Won *see* Seong Won Ryu
Ryu Seung-Moon *see* Seung-Moon Ryu
Ryu Yeon Seung *see* Yeon Seung Ryu
Ryu Young Sun *see* Young Sun Ryu
Ryu Youngkwon *see* Youngkwon Ryu
Ryul Kim Kyung *see* Kyung Ryul Kim
Ryum, B.R., Han, T.-H. Atmospheric pressure CVD-grown SiGe base, polysilicon-emitter heterojunction bipolar transistor 84329
Ryung Kim Hyo *see* Hyo Ryung Kim
Ryung-Rae Cho *see* Jun-Hee Hong 102043
Ryv Hyun *see* Hyun Ryv
Ryvkin, B.S. *see* Ebeling, W. 75963
Ryvkin, S.Ye. *see* Izosimov, D.B. 71530
Ryvkina, N.G. *see* Ponomarenko, A.T. 104201
Ryvkind, V.L., Bochkaryova, E.I., Lazovsky, L.Y., Korolyov, A.A. Single-DSP-architecture low cost digital CCD-system 100100
Ryynanen, M.K. *see* Ahola, H.A. 100445
Ryynanen, S., Risman, P.O., Ohlsson, T. The dielectric properties of native starch solutions–a research note 64023
Ryzhak, A.V. *see* Shkil', V.M. 85848
Ryzhakov, V.V. *see* Mokrov, Ye.A. 88889
Ryzhechkin, S.A. *see* Rubinov, A.N. 65062
Ryzhii, M. *see* Ryzhii, V. 64948
Ryzhii, M. *see* Ryzhii, V. 95986
Ryzhii, V. The theory of quantum-dot infrared phototransistors 64932
Ryzhii, V., Ershov, M., Khmyrova, I., Ryzhii, M., Iizuka, T. Intersubband infrared phototransistors with a quantum-wire base 64948
Ryzhii, V., Khmyrova, I., Ershov, M., Iizuka, T. Electrical and optical properties of intersubband infrared phototransistors with nonuniformly doped quantum well 89105
Ryzhii, V., Khmyrova, I., Ryzhii, M., Ershov, M. Comparison studies of infrared phototransistors with a quantum-well and a quantum-wire base 95986
Ryzhii, V. *see* Ershov, M. 69195
Ryzhii, V., Hamaguchi, C., Mitin, V., Ershov, M. *(editors)* Proceedings. International Workshop on Physics and Computer Modeling of Devices Based on Low-Dimensional Structures 60418
Ryzhkov, A.V., Zrnic, D.S. Polarimetric method for ice water content determination 120750
Ryzhov, V.V. *see* Bespalov, V.I. 120237
Rzany, A. *see* Frohlich, R. 101407
Rzazewski, K. *see* Englert, B.-G. 96074
Rzchowski, M. *see* Eckstein, J.N. 72852
Rzchowski, M.S. *see* Davidson, B.A. 75355
Rzchowski, M.S. *see* Hinaus, B.M. 115928
Rzehak, H. *see* Rautenberg, M. 78212
Rzehak, H. *see* Tjhie, D.D. 118052
Rzepka, M. *see* Boegner, M. 110625
Rzeszut, J., Kaminska, B., Savaria, Y. A new method for testing mixed analog and digital circuits 62058
Rzodkiewicz, W. *see* Katcki, J. 113377

S, D. *see* Ullah, Z. 81538
S. Cho Young *see* Young S. Cho
S. Kim Kyeong *see* Kyeong S. Kim
S. Lacava, J.C.da *see* da S. Lacava, J.C.
Sa, E.L.de *see* de Sa, E.L.
Sa, J.L.Pinto de *see* Pinto de Sa, J.L.
Sa, J.Pinto de *see* Pinto de Sa, J.
Sa, J.S.De *see* De Sa, J.S.
Sa, L.de *see* de Sa, L.
Sa de Melo, C.A.R. Superconducting wires and fractional flux 75368
Saa, M.Abu *see* Abu Saa, M.
Saab, A.H. *see* Jackson, L.T. 100734
Saab, D.G., Saab, Y.G., Abrahamn, J.A. Automatic test vector cultivation for sequential VLSI circuits using genetic algorithms 113913
Saab, D.G. *see* Wehbeh, J.A. 104480
Saab, Y. A fast clustering-based min-cut placement algorithm with simulated-annealing performance 113651
Saab, Y.G. An improved linear placement algorithm using node compaction 95099
Saab, Y.G. *see* Saab, D.G. 113913
Saad, A., Barba, D., El Assad, S. Unsupervised statistical segmentation of polarimetric synthetic aperture radar images 68609
Saad, A., El Assad, S., Barba, D. Speckle filtering in SAR images by contrast modification, comparison with a large class of filters 78962
Saad, O., Gaba, G., Giroux, M. A closed-form approximation for ground return impedance of underground cables 91179
Saad, R.E., Bonen, A., Smith, K.C., Benhabib, B. Distributed-force recovery for a planar photoelastic tactile sensor 69088
Saad, R.E. *see* Bonen, A. 69016
Saad, Y. ILUM: a multi-elimination ILU preconditioner for general sparse matrices 92593
Saad, Y., Stathopoulos, A., Chelikowsky, J., Wu, K., Ogut, S. Solution of large eigenvalue problems in electronic structure calculations 103755
Saad-Saoud, Z., Craig, L.M., Jenkins, N. Static VAr compensators for wind energy applications 102585
Saad-Saoud, Z. *see* Gardner, P. 102558
Saadaoui, H. *see* Beland, S. 113604
Saadat, A., Fahimi, H. A simple, general, and mathematically tractable sense of depth 67107
Saadatmand, K. *see* Sah, R. 80473
Saadawi, T.N. *see* Changdong Liu 109213
Saadawi, T.N. *see* Meky, M.M. 109157
Saade, J.J. Mapping convex and normal fuzzy sets 72502
Saadi, M., Jellali, F., Delmas, A., Quichaud, G. Study of residual magnetization of hard steel samples 84778
Saal, F. Analysing signal integrity problems [in MCMs] 62511
Sa'ar, A., Givant, A., Calderon, S., Ben-Shalom, O., Kapon, E., Gustafsson, A., Oberli, D., Caneau, C. Intersubband optical transitions in one dimensional quantum wire structures 62841
Sa'ar, A. *see* Jin Wang 107253
Sa'ar, A. *see* Jin Wang 116513
Sa'ar, A. *see* Mermelstein, C. 83921
Saar, A. *see* Wang, J. 85533
Saari, H., Koponen, P., Tahvanainen, E., Lindholm, T. Remote reading and data management system for kWh-meters with power quality monitoring 102283
Saari, H., Koponen, P., Tahvanainen, E., Lindholm, T. Remote reading and data management system for kWh meters with power quality monitoring 111685
Saari, J. *see* Lampola, P. 91421
Saari, P. *see* Sonajalg, H. 96592
Saari, R. *see* Zelenka, R.E. 90687
Saarinen, I. *see* Li Song 117780
Saarinen, J. *see* Heikkinen, J. 104946
Saarinen, J. *see* Heikkinen, J. 113011
Saarinen, J. *see* Noponen, E. 96829
Saarinen, J. *see* Salmela, P. 108210
Saarinen, K. *see* Lukin, V.V. 77359
Saarinen, M. *see* Ostermark, R. 72586
Saario, S. *see* Lu, J. 107695
Saaski, E.W., Bizak, M., Yeatts, J. Multimode evanescent wave-based sensors: Enhancement strategies 80677
Saatchi, S. *see* Moghaddam, M. 111325
Saavedra, A.A., von der Weld, J.P., Passy, R. Thermal-time response measurement of a distributed feedback laser using coherent reflectometry 96418
Saavedra, A.R. *see* Arrillaga, J. 70846
Saavedra, C.E., Vaughan, M.J., Compton, R.C. An M-PSK modulator for quasi-optical wireless array applications 99072
Saavedra, G. *see* Ley-Koo, E. 116016
Saba, J. *see* Rimmer, R.A. 100661
Saba, T., Duk-Kyu Park, Mori, S. Improved performance of fast acquisition PLL synthesizer with N-stage cycle swallower 68054
Saba, T., Duk-Kyu Park, Mori, S. A modified time-shared code tracking loop for frequency hopping systems 88094
Saba, T. *see* Sameshima, H. 100173
Sabaa, A. *see* El Guibaly, F. 88026
Sabadell, J. *see* Martinez, P.A. 61679
Saban, I. *see* Faibish, S. 86797
Saban, R. Integrating industrial and accelerator control systems 89617
Saban, R. *see* Benvenuti, C. 110483
Sabanovic, A. *see* Ertugrul, M. 71833
Sabanovic, A. *see* Sabanovic-Behlilovic, N. 81563
Sabanovic-Behlilovic, N., Ninomiya, T., Sabanovic, A., Perunicic, B. A sliding mode approach to control of three-phase switching converter 81563
Sabary, F. *see* Di Bona, A. 104998
Sabary, F. *see* Guimbal, P. 96547
Sabata, B., Aggarwal, J.K. Surface correspondence and motion computation from a pair of range images 67025
Sabata, M. *see* Reznik, V. 102403
Sabataini, S.P. *see* Raffo, L. 83281
Sabate, J.A. *see* Jung-Goo Cho 81576
Sabater, J., Oton, J.M. Statistical model of greyscale in antiferroelectric liquid crystal cells 116137
Sabath, F., Bucker, M., Oing, S. Influence of finite ground planes on the transmission line current distribution 62443
Sabatier, C. S band compact antennas on handsets 97305
Sabatier, C. *see* Guillot, Ph. 65951
Sabatier, C. *see* Le Gouguec, T. 66142
Sabatini, A.M., Rocchi, A. Digital-signal-processing techniques for the design of coded excitation sonar ranging systems 79022
Sabatini, A.M., Rocchi, A. Correlation-based in-air sonar sensor arrays for 3D object tracking and identification 109814
Sabatini, S.P. *see* Bisio, G.M. 108602
Sabatka, D.F. XLPE cable goes underground for tie 112154
Sabbadini, A. *see* Polignano, M.L. 84077
Sabbadini, D. *see* Rovetta, A. 90549
Sabbadini, M., Titomanlio, S. The Antenna Design Framework 66040
Sabbadini, M. *see* Buccioni, P. 97197
Sabbah, R. *see* Valsaraj, N. 63610
Sabban, A., Shemesh, Y., Britebard, A. A compact low power consumption integrated RF-head for Inmarsat-M ground terminal 99433
Sabbatini, F. *see* Bidini, G. 91375
Sabbatino, V. *see* Bottalico, S. 68689
Sabbe, K. *see* Vanfleteren, J. 114472
Sabbi, G.L. *see* Brandt, D. 79971
Sabbi, G.L. *see* Brandt, D. 89824
Sabchevski, S.P., Mladenov, G.M., Wojcicki, S., Dabek, J. An analysis of electron guns for welding 73975
Sabe, K., Hashimoto, H., Harashima, F. Analysis on real time motion estimation with active stereo camera 86997
Sabee, J.M. *see* Schaefer, M. 92182
Sabel, J.C. Optical 3D motion measurement 110367
Sabel, L.P., Yardim, A., Cain, G.D. An analysis of matched filter interpolator performance for digital demodulators 73164
Sabel, L.P., Yardim, A., Cain, G.D., Laakso, T.L. Improved delay root-Nyquist filters for symbol synchronisation in PCS receivers 78519
Sabel, L.P. *see* Laakso, T.I. 93580
Sabelfeld, K.K. Integral and probabilistic representations for systems of elliptic equations 60781
Sabella, R., Iannone, E. Wavelength conversion in optical transport networks 88602
Sabella, R., Iannone, E. Transmission performance of an optical transparent layer in a geographical network 119260
Sabella, R., Iannone, E., Pagano, E. Optical transport networks employing all-optical wavelength conversion: limits and features 78734
Sabella, R. *see* Iannone, E. 68397
Sabella, R. *see* Iannone, E. 78742
Sabella, R. *see* Iannone, E. 109674
Sabella, R. *see* Iannone, E. 119190
Saber, E., Tekalp, A.M. Image query-by-example using region-based shape matching 66996
Saber, M. *see* Jacobsen, E.R. 69762
Saberi, N. Frame relay gets the call 108929
Sabet, K.F., Sarabandi, K., Took, J.G., Katehi, L.P.B. An inverse algorithm for integral equation formulation of dielectric loaded cavities 120731
Sabet, P.B. *see* Abdallah, N. 93612
Sabet, P.B. *see* Dunoyer, J. 61699
Sabetfakhri, K., Katehi, L.P.B. Wavelet analysis of hybrid microstrip-dielectric planar structures 65954
Sabharwal, C.L. *see* Quandt, B. 86978
Sabia, E. *see* Bulfone, D. 76053
Sabia, E. *see* Walker, R.P. 96521
Sabido, D.J.M., IX *see* Chlamtac, I. 78735
Sabin, D.D. *see* Rauch, G.B. 121261
Sabin, E. High temperature I_{DDQ} testing for detection of sodium and potassium 106246
Sabin, E. *see* Wei Xia 63874
Sabin del Valle, J., de Dios-Leyva, M., Oliveira, L.E. Infrared-absorption spectra associated to transitions from donor states to conduction subbands in GaAs-(Ga,Al)As quantum wells 94506
Sabinin, K.D. *see* Mityagina, M.I. 111221
Sabirianov, R.F., Jaswal, S.S. Electronic structure and magnetism in $Sm_2Fe_{17-x}A_x$ (A=Al,Ga,Si) 75102
Sablatash, M., Cooklev, T. Compression of high-quality audio signals, including recent methods using wavelet packets 77046
Sablik, M.J., Augustyniak, B., Chmielewski, M. Modeling the stress dependence of Barkhausen phenomena for stress axis linear and noncollinear with applied magnetic field 84783
Sablik, M.J., Langman, R.A. Approach to the anhysteretic surface 75118
Sablik, M.J., Rubin, S.W., Jiles, D.C., Kaminski, D., Bi, Y. Finite element simulation of magnetic detection of creep damage at seam welds 115845
Sablikov, V.A., Ryabushkin, O.A., Polyakov, S.V. On the mechanism of low-temperature impurity breakdown 94340
Sablin, A.V. Silicon integrated absolute-pressure sensors 79384
Sablonniere, P. Quasi-interpolants associated with H-splines on a three-direction mesh 60943
Sabnani, K.K. *see* Lee, D. 67582
Sabo, D. Rugged enclosures for systems packaging 92210
Sabo, M. On the continuity of T-reverse of T-norms 60784
Sabolev, N. *see* Baldacchini, G. 69556
Sabonnadiere, J.-C. *see* Kim, H.L. 101976
Sabonnadiere, J.-C. *see* Le Kim, H. 80815
Sabonnadiere, J.-C. *see* Le Kim, H. 91053
Sabonnadiere, J.C. *see* Tran-Quoc, T. 102809
Sabot, A., Petit, A., Taillebois, J.P: GIS insulation co-ordination: on-site tests and dielectric diagnostic techniques. A utility point of view 102913
Sabot, A., Sr., Petit, A., Taillebois, J.P. GIS insulation co-ordination: on-site tests and dielectric diagnostic techniques, a utility point of view 91689

Sabotinov, N. *see* Mentel, J. 107101
Sabotinov, N.V. Copper bromide lasers 116375
Sabotinov, N.V. *see* Little, C.E. *(editor)* 112730
Saboui, A. *see* Kelly, G. 60607
Saboundji, H., Daniel, J.P., Toutain, S. Analysis of corner-fed patch antennas by the segmentation-desegmentation method 65993
Sabounghi, R.L., Soliman, A.H., Parker, D.J. Development and implementation of a vehicle monitoring and control system for Toronto Airport 99290
Sabouri, F., Trofimenkoff, F.N., Haslett, J.W. A high-performance calibration-free charge balancing analog-to-digital converter 110058
Sabouri, F. *see* Haslett, J. 73574
Sabourin, R., Genest, G. Definition and evaluation of a family of shape factors for off-line signature verification 86609
Sabry-Ismail, L. *see* Layaida, N. 87895
Saccamango, M.J. *see* Sanchez, H. 73466
Sacchetti, F. *see* Petrillo, C. 120178
Sacchetto, P. *see* Amato, L. 65444
Sacchetto, P. *see* Fellegara, A. 85012
Sacchi, E. *see* Manfredotti, C. 69898
Sacchi, R. *see* Benotto, F. 69866
Sacchini, J.J. *see* Pepin, M.P. 111151
Sacco, R. Exponentially fitted shape functions for advection-dominated flow problems in two dimensions 63535
Sacconi, A. *see* Haitjema, H. 89492
Saccuman, P. *see* Cojazzi, G. 70380
Sacedon, A. *see* Izpura, I. 64943
Sacedon, A. *see* McCallum, D.S. 62858
Sacedon, A. *see* Sanchez-Rojas, J.L. 63044
Sacedon, A. *see* Sanchez-Rojas, J.L. 83949
Sacedon, A. *see* Sanz-Hervas, A. 106969
Sacedon, J.L. *see* Jimenez, I. 73958
Sacerdote, L. *see* Giraudo, M.T. 103606
Sach, P.H. Sufficient conditions for generalized convex set-valued maps 92533
Sachdev, M. Test and testability techniques for open defects in RAM address decoders 73341
Sachdev, M. Separate I_{DDQ} testing of signal and bias paths in CMOS ICs for defect diagnosis 84597
Sachdev, M.S., Sidhu, T.S. A laboratory for research and teaching of microprocessor-based power system protection 60462
Sachdev, M.S., Sidhu, T.S., Liu, X. High-speed differential protection of parallel teed transmission lines 81147
Sachdev, M.S., Sidhu, T.S., Talukdar, B.K. Topology detection for adaptive protection of distribution networks 81034
Sachdev, M.S. *see* Das, R. 81051
Sachdev, M.S. *see* Dhakal, P. 81635
Sachdev, M.S. *see* Gole, A.M. 60460
Sachdev, M.S. *see* Nagpal, M. 81517
Sachdev, M.S. *see* Sidhu, T.S. 81135
Sachdev, M.S. *see* Sidhu, T.S. 91464
Sachdev, M.S. *see* Sidhu, T.S. 102229
Sachelarie, D., Pelouard, J.L., Benchimol, J.L. Orientation effect on Si_3N_4 passivated InP/InGaAs heterojunction bipolar transistors 94943
Sachkov, A.V. *see* Vasilev, D.R. 79292
Sachot, R. *see* Averin, S. 94637
Sachot, R. *see* Guerin, L. 62524
Sachot, R. *see* Guerin, L. 84629
Sachot, R. *see* Spicher, J. 85281
Sachot, R. *see* Spicher, J. 109630
Sachrajda, A.S., Feng, Y., Carmona, H.A., Geim, A.K., Main, P.C., Eaves, L., Foxon, C.T. Mesoscopic transport properties of composite fermions 105358
Sachrajda, A.S., Feng, Y., Taylor, R.P., Zawadzki, P., Coleridge, P.T., Kirczenow, G., Johnson, B.L. Artificial impurities in quantum wires 62935
Sachrajda, A.S., Gould, C., Feng, Y., Dharma-Wardana, M.W.C., Coleridge, P.T. Tunnelling experiments through coupled zero-dimensional systems 105412
Sachs, E. *see* Hu, A. 63388
Sachs, J. *see* Thoma, R.S. 108268
Sachs, M.W., Varma, A. Fibre Channel and related standards 99566
Sachs, R.Von *see* Von Sachs, R.
Sachtschale, R., O'Shea, P.G., Ponds, M., Swift, G. In-house repair of a 30 Megawatt, S band klystron 94188
Sachtschale, R. *see* Dickey, C. 89932
Sachtschale, R. *see* O'Shea, P.G. 89770
Sachtschale, R.J., Dickey, C., Morcombe, P. Development of a modular and upgradeable fast kicker magnet system for the Duke Storage Ring 89774
Sachtshale, R. *see* Litvinenko, V.N. 79873
Sacilotti, M., Abraham, P., Pitaval, M., Ambri, M., Benyattou, T., Tabata, A., Garcia Perez, M.A., Motisuke, P., Landers, R., Morais, J., Le Corre, N., Loualiche, S. Structural and optical properties of AlInAs/InP and GaPSb/InP type II interfaces 94476
Sack, L. Co-ordination of the pulse patterns in inverters for drives 121963
Sacken, U.von *see* von Sacken, U.
Sackett, J. *see* Fowkes, W.R. 100416
Sackey, T., Zakhary, S.Z. Power wheeling through the West African interconnected system 80832
Sackinger, S.J. *see* Weiser, M.W. 82192
Sacks, A.H., Messner, W.C., Bodson, M. MR head effects on PES generation: simulation and experiment 64407
Sacks, L.E. *see* Bennet, J.M. 90165
Sacks, M. *see* Elsayed, A.M. 111017
Sacks, R.A. *see* Auerbach, J.M. 85567
Sacks, R.N., Patterson, G.A., Stair, K.A. Reduction of visible defect densities in molecular beam epitaxy grown GaAs using a high-capacity, low flux transient Ga source with novel crucible inserts 82680
Sacks, R.N., Sieg, R.M., Ringel, S.A. Investigation of the accuracy of pyrometric interferometry in determining $Al_xGa_{1-x}As$ growth rates and compositions 82675
Sacks, R.N. *see* Mittal, A. 105286
Sadaka, R. Pade approximation of vector functions 72585
Sadakane, S. *see* Ishikawa, J. 74048
Sadakane, S. *see* Ishikawa, J. 83739
Sadakata, N., Uchiyama, K., Goto, K., Saito, T., Kohno, O., Matsukawa, M., Noto, K., Honma, H., Tatsuki, T. Turn-off and turn-on characteristics of magnetic persistent current switch for SMES 91772
Sadakata, N. *see* Fuji, H. 95423
Sadakata, N. *see* Iwasaki, S. 95536
Sadakata, N. *see* Noto, K. 71586
Sadakata, T. *see* Ichikawa, Y. 109945
Sadakata, T. *see* Kaneko, S. 108996
Sadamoto, M., Saitoh, K., Ishiguro, N., Yanagawa, N., Tanaka, H., Fukuda, S., Ashida, Y., Fukuda, N. Improvement of the quality of a-SiGe:H films 92902
Sadamoto, M. *see* Saitoh, K. 102991
Sadamoto, M. *see* Watanabe, K. 115431
Sadamura, H. *see* Nakamura, T. 84803
Sadana, A., Chen, Z. A fractal analysis of the influence of non-specific binding on antigen-antibody binding kinetics for biosensor applications 79580
Sadana, D.K. *see* Chen, B.A. 84579
Sadana, D.K. *see* Holland, O.W. 94669
Sadasivam, N. *see* Kanaka, T.S. 120258
Sadasivan, P.K., Narayana Dutt, D. Line interference cancellation from corrupted EEG signals using modified linear phase FIR digital filters 120448
Sadasivan, P.K. *see* Gangadhar, B.N. 120480
Sadasivan, P.K. *see* Pradhan, N. 70118
Sadasivan, P.K. *see* Pradhan, N. 110840
Sadasivan, P.K. *see* Pradhan, N. 110849
Sadati, N., Mortazavi, S.Z. Fuzzy modeling and optimization of planning in radiotherapy 120484
Sadati, S.H. *see* Amoozegar, F. 88715
Sadato, N. *see* Tsuchida, T. 120371
Sadchikov, K.G. *see* Weinger, A.M. 71744
Saddar, K. *see* Walivadekar, V.N. 112580
Saddawi, S. *see* Saleh, M. 117992
Saddow, S.E., Tipton, C.W., Mazzola, M.S., Neudeck, P.G., Larkin, D.J. Capacitance spectroscopy on 6H-SiC pn junctions grown by site-competition epitaxy 104048
Saddow, S.E. *see* Funk, E.E. 99100
Saddow, S.E. *see* Riza, N.A. 64937
Sadeghi, M. *see* Failer, E. 121385
Sadeghi, N. *see* Gruen, M. 74206
Sadeghi, S.H.H., Salemi, A.H. Field distribution due to a current-carrying loop of arbitrary shape above a conducting half-space 116821
Sadeghzadeh, R.A., Abrishamian, M.S., McEwan, N.J. Effect of user head on mobile telephone handset antenna impedance and head internal fields distribution 70262
Sadeh, I. Operational rate distortion theory 66193
Sadeh, I. Optimal data compression algorithm 97535
Sadeh, I. Polynomial approximation of images 98271
Sadek, A., Ismail, K., Armstrong, M.A., Antoniadis, D.A., Stern, F. Design of Si/SiGe heterojunction complementary metal-oxide-semiconductor transistors 94953
Sadek, K., Luetzelberger, P., Haeusler, M. Dimensioning of tell-tale spark gaps for valve arresters in HVDC converter stations 111570
Sadek, K., Luetzelberger, P., Kirschner, L. Comparison between calculation of zero-sequence harmonic currents generated in HVDC converter stations 111572
Sadek, K., Wild, G., Hugelschafer, L., Gole, A., Jiang, X., Brandt, D. Modelling of digital HVDC control systems using a graphical electromagnetic simulation program 111571
Sadek, K. *see* Christl, N. 81004
Sadek, K. *see* Pereira, M. 91030
Saders, J.Van *see* Van Saders, J.
Sadhwani, A., Schomacker, K.T., Tearney, G.J., Nishioka, N.S. Determination of Teflon thickness with laser speckle. I. Potential for burn depth diagnosis 120330
Sadighi, P. *see* Saliminia, A. 65029
Sadik, O.A., Van Emon, J.M. Applications of electrochemical immunosensors to environmental monitoring 79586
Sadiku, M.N. *see* Obiozor, C.N. 107962
Sadiku, M.N.O., Keming Gu A new Monte Carlo method for Neumann problems 96916
Sadiku, M.N.O. *see* Garcia, R.C. 92421
Sadiku, M.N.O. *see* Gu, K. 82406
Sadiku, M.N.O. *see* Kolbehdari, M.A. 94154
Sadiku, M.N.O. *see* Kolbehdari, M.A. 107845
Sadilek, A.C. *see* Smola, J.F. 90720
Sadistap, S.S. *see* Walivadekar, V.N. 111934
Sadjadi, F. A wavelet-based technique for target segmentation 98203
Sadjadi, F., Chun, C. Machine recognition of objects using IR polarimetry 86937
Sadjadi, F., Chun, C. Improved feature classification by means of a polarimetric IR imaging sensor 111117
Sadjadi, F., O'Sullivan, J. Periscope video ship classification 90907
Sadjadi, F. *see* Samu, T. 86942
Sadjadi, F.A. *see* Chun, C.S.L. 98214
Sadjadi, R. *see* Moinpour, M. 63350
Sadkane, M. *see* Simoncini, V. 103761
Sadkowski, R., Nabicht, J.T. A low voltage in situ tunable 1.8-18 MHz high-Q fully-differential continuous-time filter 93555
Sadler, B.M. *see* Casey, S.D. 108313
Sadler, B.M. *see* Tien Pham 101633
Sadler, B.M. *see* Tien Pham 117504
Sadler, P.A. *see* Swift, F.J. 102838
Sado, W.N., Kunicki, J.S. Personal communication on residential power lines–assessment of channel parameters 68031
Sadof'ev, Yu.G. *see* Semenova, G.N. 61189
Sadoff, A.J. *see* Gan, K.K. 90132
Sadoqi, M. *see* Huber, C. 72966
Sadot, D., Agrawal, S.K., Kazovsky, L.G. STARNET-II–An optically-amplified direct-detection WDM computer communications network 98768
Sadot, D. *see* Kazovsky, L.G. 68441
Sadot, D. *see* Mekkittikul, A. 109614
Sadot, D. *see* Ting-Kuang Chiang 77944
Sadoulet, B., Akerib, D., Barnes, P.D., Jr., Cummings, A., Da Silva, A., Diaz, R., Emes, J., Golwala, S., Haller, E.E., Itoh, K., Knowlton, W., Queinnec, F., Ross, R.R., Seitz, D., Shutt, T., Smith, G., Stockwell, W., White, S. Particle detection and non-equilibrium phonons: Experience with large germanium crystals and NTD Ge thermistors 100818
Sadovnichii, V.N. *see* Antonov, S.S. 102474
Sadovnik, L. *see* Manasson, V. 119284
Sadovnikov, A.D., Nakwaski, W. Comment on "Three-dimensional analysis of a heat-spreading phenomenon in phase-locked arrays of oxide-isolated diode lasers" [J. Appl. Phys. 67, 2711 (1990)] 85484
Sadovnikov, A.D., Nathan, A., Manku, T. Numerical simulation of transconductance in Si/SiGe p-MOSFETs 84371
Sadovskaya, L.Ya. *see* Antonenko, A.M. 64589
Sadowski, J., Dynowska, E., Szamota-Sadowska, K., Przedpelski, W., Sitarek, P., Switatek, K. Properties of MBE grown CdYbTe and ZnYbTe on GaAs(100) substrates 74233
Sadowski, N., Carlson, R., Beckert, A.M., Bastos, J.P.A. Dynamic modeling of a newly designed linear actuator using 3D edge elements analysis 71356
Sadowski, N., Lefevre, Y., Neves, C.G.C., Carlson, R. Finite elements coupled to electrical circuit equations in the simulation of switched reluctance drives: attention to mechanical behaviour 71797
Sadowski, N. *see* Bastos, J.P.A. 102721
Sadowski, N. *see* Kuo-Peng, P. 107805
Sadowski, R.W., Digonnet, M.J.F., Pantell, R.H., Shaw, H.J., Simpson, J.R., Man Yan All-optical switching using color centers in an irradiated phosphorus-doped fiber 75509
Sadowski, W. *see* Jonas, S. 82763
Sadowsky, J.S., Kafedziski, V.G. On the correlation and scattering functions of mobile uncorrelated scattering channels 68096
Sadowsky, J.S. *see* Munro, D.J. 90899
Sadowsky, J.S. *see* Schwarte, H. 66221
Sadr, R., Shah, B., Hinedi, S. Design of wideband all-digital phase locked loops using multirate digital filter banks 73497
Sadra, K. *see* Wu, C.-Y. 63746
Sadreev, A.F. *see* Berman, G.P. 94482
Sadrozinski, H.F.-W. *see* Dubbs, T. 80026
Sadrozinski, H.F.-W. *see* Dubbs, T. 100839
Sadrozinski, H.F.-W. *see* Dubbs, T. 100849
Sadrozinski, H.F.-W. *see* Unno, Y. 80035
Sadrozinski, H.F.W. *see* Unno, Y. 100858
Sadrul Islam, A.K.M., Quamrul Islam, M., Razzaque, M.M., Ashraf, R. Static torque and drag characteristics of an S-shaped Savonius rotor and prediction of dynamic characteristics 71211
Sadrul Ula, A.H.M. *see* Legowski, S.F. 103073
Sadwick, L. *see* Sik-Han Soh 64062
Sadwick, L.P., Lee, P.P., Patel, M., Nikols, M., Hwu, R.J., Shield, J.E., Streit, D.C., Brehmer, D., McCormick, K., Allen, S.J., Gedridge, R.W. Epitaxial dysprosium phosphide grown by gas-source and solid-source MBE on gallium arsenide substrates 103930
Sadwick, L.P., Zhang, Y.Z., Zhang, T.H., Schaeffer, D.J., Petelenz, D., Hwu, R.J. Emission characteristics of microminiature thermionic vacuum (MTV) diodes 74052
Sadwick, L.P. *see* Hill, C.W. 72817
Sadwick, L.P. *see* Kim, C.W. 103872
Sadygov, Z.Y., Zheleznykh, I.M., Kirillova, T.A. Novel light quantum and nuclear particle detectors based on the avalanche metal-resistivity layer-semiconductor structure 69130

Sadygov, Z.Y., Zheleznykh, I.M., Malakhov, N.A., Jejer, V.N., Kirillova, T.A. Avalanche semiconductor radiation detectors 89062
Sadygov, Z.Y., Zheleznykh, I.M., Malakhov, N.A., Jejer, V.N., Kirillova, T.A. Avalanche semiconductor radiation detectors 110602
Sadykov, N.R. *see* Dremov, V.V. 75525
Sae Lee Choon *see* Choon Sae Lee
Sae Woo Nam *see* Lee, A.T. 106701
Sae-Tang, A., Igoshi, M., Aomura, S. Automatic recognition of volumetric machining form feature using feature loop 87248
Sae-Young Kim *see* Kil-Young Song 80750
Saeger, K.E. *see* Behrens, V. 62426
Saegusa, S. *see* Yoshida, S. 64400
Saegusa, T. *see* Hirano, T. 66683
Saeid-Mirzai *see* Jafar-Soltani-Zamani 112480
Saeki, K., Okuma, S., Oshita, E., Wakita, K., Kobayashi, A., Tomimasu, T. Optical cavities for IR-FELs at the FELI 96448
Saeki, K. *see* Kobayashi, A. 96534
Saeki, K. *see* Okuma, S. 107400
Saeki, K. *see* Teshigahara, A. 120922
Saeki, K. *see* Tomimasu, T. 76063
Saeki, K. *see* Tomimasu, T. 107395
Saeki, M., Namba, Y., Sasaki, T. Ultra-precision cutting of organic nonlinear optical crystals 85626
Saeki, M. *see* Ohta, K. 108723
Saeki, M. *see* Sagawa, M. 85596
Saeki, S. *see* Kawahara, T. 73347
Saeki, T., Kunieda, M., Ueki, M., Satoh, Y. Transient workpiece temperature analysis in the EDM processes of high electric resistance materials considering Joule heating 82028
Saeki, T., Nakaoka, Y., Fujita, M., Tanaka, A., Nagata, K., Sakakibara, K., Matano, T., Hoshino, Y., Miyano, K., Isa, S., Kakehashi, E., Drynan, J.M., Komuro, M., Fukase, T., Iwasaki, H., Sekine, J., Igeta, M., Nakanishi, N., Itani, T., Yoshida, K., Yoshino, H., Hashimoto, S., Yoshii, T., Ichinose, M., Imura, T., Uziie, M., Koyama, K., Fukuzo, Y., Okuda, T. A 2.5 ns clock access 250 MHz 256 Mb SDRAM with a synchronous mirror delay 73369
Saeki, T. *see* Cho, Y. 79654
Saeki, T. *see* Cho, Y. 115419
Saeki, T. *see* Fujita, M. 73376
Saeki, T. *see* Yasuo Cho 110326
Saemann-Ischenko, G. *see* Kragler, K. 63511
Saemann-Ischenko, G. *see* Werthner, H. 120343
Saenger, K.L. *see* Clevenger, L.A. 74635
Saengsuwan, T., Crossley, P.A. Simulation of distance relays for protection performance evaluation 102254
Saengsuwan, T., Crossley, P.A., Fernandez, C. Expert system applied to the back-up protection of a transmission network 70963
Saenz, A. *see* Niculescu, H. 79656
Saenz, C. *see* Girard, T.A. 80093
Saenz, M.L., Perez, J.M.G. Saturation of the internal photoemission effect in forward biased silicon junctions 114717
Saeterdal, A. *see* Reinertsen, T. 102512
Saethre, E. *see* Thorvaldsson, B. 70849
Saewert, G.W., Jurgens, T.G. Xwake 1.1: a new impedance and wake field software package 89948
Saewoong Bahk, Yong Hyen Pahk Optimal routing for non-strictly hierarchical networking environments 77778
Saewoong Bahk *see* Joonhwan Kim 77619
Saeyoung Ahn, Garven, M., Kodis, M.A. Modeling of a twystrode gun using FEAs 74068
Saez, D. *see* Mandolesi, N. 99703
Saez, D. *see* Smoot, G.F. 99702
Saez, P., Alley, R., Clendenin, J., Frisch, J., Kirby, R., Mair, R., Maruyama, T., Miller, R., Mulhollan, G., Prescott, G., Tang, H., Witte, K. Polarization studies of strained GaAs photocathodes at the SLAC Gun Test Laboratory 90076
Saez, P. *see* Mulhollan, G. 90109
Saez-Vergara, J.C., Romero, A.M. Measurement of daily environmental radiation doses using hypersensitive thermoluminescence materials 110995
Saez-Vergara, J.C., Romero, A.M., Olko, P., Budzanowski, M. The response of the new hypersensitive thermoluminescence materials to high energy photons (0.6-6.0 MeV) 101454
Saez-Vergara, J.C. *see* Budzanowski, M. 110993
Safa, H. *see* Junquera, T. 100495
Safa, H. *see* Maissa, S. 73971
Safaai-Jazi, A. Propagation properties of tapered graded-index waveguides 106819
Safaai-Jazi, A., Cheng-Chun Chang Spectral characteristics of coupled-waveguide Fabry-Perot resonators and filters 65397
Safaai-Jazi, A., Suppanitchakij, V. Quadratic-index cladded tapers and applications 84992
Safacas, A. *see* Efthimatos, P. 71776
Safacas, A. *see* Tatakis, E. 61628
Safaeinili, A., Lobkis, O.I., Chimenti, D.E. Quantitative materials characterization using air-coupled leaky Lamb waves 92986
Safaeinili, A., Lobkis, O.L., Chimenti, D.E. A robust technique for estimating visco-elastic stiffnesses of plates using air-coupled ultrasound 104218
Safak, M. Performance evaluation of digital microcellular radio systems with Rician fading and correlated shadowing 68319
Safak, M. Co-channel interference probability with Rician-faded and log-normal shadowed correlated interferers 116904
Safanov, V.P. *see* Drachev, V.P. 107605
Safar, Y.A., Abdel-Rahman, M.H., El-Sayed, M.A.H. Modeling of capacitively-graded bushing for steep-fronted surge studies 102214
Safaraliev, G.K. *see* Guseikhanov, M.K. 94592
Safarik, K. *see* Antinori, F. 120156
Safavi, S., Lopes, L.B. Predetection quality diversity scheme for DECT outdoor applications 68173
Safavi, S., Lopes, L.B. Novel techniques for performance optimisation of DECT receivers with non-linear front-end 109533
Safavi, S., Lopes, L.B., Mogensen, P.E., Frederiksen, F. A hierarchy of receiver options for DECT systems 99210
Safavi-Naeini, S. *see* Chow, Y.L. 83348
Safavi-Naini, R. Three systems for shared generation of authenticators 108160
Safayeni, F. *see* MacGregor, J. 67714
Saffer, S. *see* Simon, J. 74969
Saffian, B., Kraak, W., Oelze, B., Kuenzel, H., Boettcher, J. Persistent photoconductivity and properties of the two-dimensional electron gas in modulation-doped GaInAs/AlInAs heterostructures after illumination 114684
Saffian, B. *see* Hansen, O.P. 94484
Saffman, M. *see* Mamaev, A.V. 85688
Saffman, M. *see* Mamaev, A.V. 85708
Saffman, M. *see* Mamaev, A.V. 107582
Saffman, M. *see* Mamaev, A.V. 116670
Safiri, H., Ahmadi, M., Ramachandran, V., Miller, W.C. Design of finite wordlength 2-D recursive digital filters using all-pass building blocks 93587
Safiya, A.S.Abu *see* Abu Safiya, A.S.
Saflekos, A. *see* Benois-Pineau, J. 86926
Safonov, L.P. *see* Styrikovich, M.A. 102451
Safonov, V.I. *see* Miklyaev, Yu.V. 85757
Safonov, V.S. *see* Zagidullin, M.V. 107061
Safonova, L. *see* Brazis, R. 74074
Safran, G. *see* Bachmann, T. 92721
Safranek, J. A low emittance lattice for the NSLS X-ray Ring 79880
Safranek, J. Experimental determination of linear optics including quadrupole rotations 89821
Safranek, J., Singh, O., Solomon, L. Orbit stability improvement at the NSLS X-ray ring 100617
Safriet, A.J. *see* Voevodin, A.A. 82722
Safronnikov, S.A. *see* Lysko, V.V. 121265
Safronov, A.G. Bimorph adaptive optics: elements, technology and design principles 116174
Safronov, A.L. *see* Ageichik, A.A. 116337
Safronov, A.L. *see* Ageichik, A.A. 116340
Safronov, A.L. *see* Ageichik, A.A. 116761
Safronov, A.N., Pahomov, A.A. Novel techniques for restoration of images of highly-variable extended objects 108658
Safronov, G. *see* Belogurov, S. 100855
Safronova, O.N., Ovsyannikov, A.L., Zubtsov, V.M. Studies of thermodynamic efficiency of closed-cycle MHD-generator heat flow schemes 121408
Safronovich, E.L. Automation of decoding objects on space photographs 70448
Safronsky, E.D., Roizin, Ya.O., Rysiakiewicz-Pasek, E. Application of porous glasses for humidity control 69113
Safwat, A., Nielsen, O.S., El-Badawy, S., Overgaard, J. Effect of radiation dose rate and cyclophosphamide on pulmonary toxicity after total body irradiation in a mouse model 70197
Safwat, A.M.E., Haidar, J., Khalil, D.A.M., Vilcot, A., Bouthinon, M., Elhennawy, H., Ragaie, H.F. An optically controlled microwave matching technique 62354
Saga, N. *see* Ueyama, M. 115896
Sagae, K. *see* Ishihara, T. 62580
Sagahyroon, A. *see* Placer, J. 61536
Sagahyroon, A.A. *see* Maaly, I.A. 97609
Sagaidak, D.I. *see* Pochtennyi, A.E. 105212
Sagan, D. The dynamic beta effect in CESR 89833
Sagan, D. *see* Billing, M. 90005
Sagan, D. *see* Padamsee, H. 100471
Sagan, D. *see* Temnykh, A. 120018
Sagar, B.Gnana *see* Gnana Sagar, B.
Sagar, P. *see* Sethuraman, S.K. 121927
Sagar, V.K., Ngo, D.B.L., Foo, K.C.K. Fuzzy control for fingerprint feature selection 87139
Sagara, A. *see* Satow, T. 95514
Sagara, K., Motoshima, A., Fujita, T., Akiyoshi, H., Nishimori, N. A blow-in windowless gas target 120100
Sagara, K. *see* Matsumoto, K. 83036
Sagara, T., Gomi, K., Kawashima, M. A management support system for thermal power-generation facilities 81299
Sagawa, K. *see* Yamada, M. 75867
Sagawa, M., Kagawa, H., Kakuta, A., Kaji, M., Saeki, M., Namba, Y. Blue light generation by resonant enhanced frequency doubling with organic SHG crystal of APDA 85596
Sagawa, M. *see* Kakuta, A. 76251
Sagawa, M. *see* Sakai, H. 73805
Sagawa, M. *see* Shinoda, K. 75920
Sagawa, M. *see* Shinoda, K. 116496
Sagawa, M. *see* Takahashi, K. 93901
Sagawa, M. *see* Yabuki, H. 62173
Sagawa, M. *see* Yabuki, H. 104786
Sagawa, N. *see* Katsuyama, T. 85037
Sagawa, Y., Okada, K. Adaptive satellite channel assignment scheme in high-speed ATM data communications 78632
Sagdeev, R.Ya. *see* Galushkin, M.G. 107418
Sagdeev, R.Ya. *see* Samarkin, V.V. 107084
Sagdeev, R.Z. *see* Vainshtein, S.I. 81479
Sage, G.P.Le *see* Le Sage, G.P.
Sage, I. *see* Mason, I. 95879
Sage, J.P. *see* Mollier, J.C. 79415
Sage, P. *see* Rankin, R.F. 87870
Sager, K., Schroth, A., Gerlach, G. Humidity-induced volume-expansion of polyimide films 99921
Sager, K., Schroth, A., Gerlach, G. Humidity-induced volume-expansion of polyimide films 119597
Sager, K., Schroth, A., Nakladal, A., Gerlach, G. Humidity-dependent mechanical properties of polyimide films and their use for IC-compatible humidity sensors 88993
Sager, K. *see* Schroth, A. 106276
Sager, R.E. *see* Spagna, S. 64369
Saget, M. *see* Laferriere, J. 119172
Saggio, M. *see* Campisano, S.U. 62670
Saggio, M. *see* Kyllesbech Larsen, K. 94659
Saghafi, M.M. Telecommunications industry dynamics 87549
Saghir, M.A.R., Chow, P., Lee, C.G. Towards better DSP architectures and compilers 93442
Saghri, J.A. *see* Tescher, A.G. 120695
Saginov, L.D. *see* Bovina, L.A. 99987
Sagisaka, Y. *see* Kaiki, N. 108221
Sagnes, B., Moragues, J.M., Yckache, K., Jerisian, R., Oualid, J., Vuillaume, D. Relaxation of the space charge created by Fowler-Nordheim injections in metal-oxide-semiconductor capacitors 114831
Sagnes, I. *see* Garchery, L. 114691
Sagot, M.-F., Viari, A. A double combinatorial approach to discovering patterns in biological sequences 98249
Saguet, P. *see* Boussetta, C. 76519
Saguet, P. *see* Ndagijimana, F. 61532
Saguet, S. *see* Schnaen, J.L. 71481
Sah, C.-T. *see* Neugroschel, A. 74706
Sah, R., Cain, T.D., Cleveland, E.K., Saadatmand, K., Schulze, M.E., Winje, R.A. Texas regional medical technology center 80473
Sah, R.E. *see* Ralston, J.D. 96305
Sah, R.I. *see* Schinagl, R.M. 120383
Sah, S., Dilawar, N., Mehta, B.R., Vankar, V.D. Microcrystalline diamond thin films–as heat sinks for semiconductor devices 103437
Sah, S. *see* Dilawar, N. 82755
Sah Chih-Tang *see* Chih-Tang Sah
Saha, A., Vasanthi, T. A proposal for digital packet data services for a commercial aviation communication system 99272
Saha, B. *see* Deeley, E.M. 64282
Saha, D., Mukherjee, A. Managing the topological expansion of computer networks in an optimal way 98575
Saha, D., Mukherjee, A., Dutta, S.K. An algorithm for optimal routing in a hierarchical computer communication network 67854
Saha, D., Mukherjee, S., Tripathi, S.K. Carry-over round robin: a simple cell scheduling mechanism for ATM networks 87336
Saha, D., Rangarajan, S., Tripathi, S.K. An analysis of the average message overhead in replica control protocols 118130
Saha, D. *see* Kandlur, D.D. 109209
Saha, G. *see* Kanjilal, P.P. 120251
Saha, H. *see* Majumdar, B. 106007
Saha, H. *see* Pal, P.K. 121879
Saha, M. *see* Shirlaw, J. 119091
Saha, M.M., Jianping Wang, Werner-Erichsen, O. The challenges for emergency control and system restoration in power systems 70771
Saha, M.M. *see* Hart, D.G. 102250
Saha, M.M. *see* Izykowski, J. 102252
Saha, M.M. *see* Izykowski, J. 121220
Saha, M.M. *see* Kasztenny, B. 112041
Saha, P.K. Demand forecasting: A macro-economic approach 67628
Saha, P.K., Chaudhuri, B.B. 3D digital topology under binary transformation with applications 67407
Saha, P.K. *see* Yadav, S.L. 110938
Saha, R.K. A note on the evaluation of the total integral for continuous systems 66678
Saha, R.K. Effect of common process noise on two-sensor track fusion 86239
Saha, R.K. Track-to-track fusion with dissimilar sensors 86273
Saha, S., Ali, N. Magnetic properties of the $SmMn_2(Ge_{1-x}Si_x)_2$ system 64292
Saha, S., Dandekar, A.V., Sundersingh, V.P. A modified approach of feeding regenerative energy to the mains 103069
Saha, S. *see* Nandi, S. 112579
Saha, S. *see* Ramakrishnan, A.G. 120454
Saha, S. *see* Singh, P.K. 106177
Saha, S.K. *see* Bhattacharya, S. 119520
Saha, T.N. *see* Maitra, A. 120958
Saha, T.N. *see* Maitra, A. 121222
Saha Misra, I., Chowdhury, S.K. Concentric microstrip ring antenna: theory and experiment 85976

Sahabit, H., Basu, A. Analysis of error in depth perception with vergence and spatially varying sensing 67409
Sahagun, L.R. *see* Meyyappan, A. 90869
Sahagun Ortiz, L.R. *see* Duarte, R. 116758
Sahai, A., Kent Tseng, Weiguo Wang A QoS-controlled distributed interactive multimedia system on ATM networks 78174
Sahakian, A.A. *see* Gevorgian, H.V. 72595
Sahakian, A.V. *see* Schoenwald, A.T. 70158
Sahalos, J.N. *see* Kyriacou, G.A. 97294
Sahambi, J.S., Tandon, S.N., Bhatt, R.K.P. A new approach for on-line ECG characterization 70167
Sahara, A., Kubota, H., Nakazawa, M. Q-factor contour mapping for evaluation of optical transmission systems: soliton against NRZ against RZ pulse at zero group velocity dispersion 68375
Sahara, A. *see* Nakazawa, M. 85712
Sahara, K. *see* Kohno, A. 112908
Sahara, K. *see* Narui, H. 75996
Sahara, R.T., Matsuda, M., Morito, K., Soda, H. Type 1.5 coupled quantum wells for electroabsorption modulation with low electric fields 64798
Sahashi, M. *see* Kamiguchi, Y. 84812
Sahashi, M. *see* Sakurada, S. 64222
Sahashi, M. *see* Yoda, H. 115704
Sahasrabudhe, S.C. *see* Agrawal, R.C. 117543
Sahay, B. Multimedia: An introduction 67908
Sahay, C. *see* Anson, S. 83596
Sahay, C. *see* Anson, S. 120934
Sahdev, D. *see* Datta, S. 84888
Sahebu, K.M., Kesheorey, M.R., Rao, M.V. Dynamic range improvement through ground noise control in a data communication equipment 78264
Sahelices, B., Cardenoso, V., Vivaracho, C.E. Digital speech treatment by distributed system support 76881
Sahin, B., Kodal, A., Yavuz, H. A performance analysis for MHD power cycles operating at maximum power density 81914
Sahin, F., Ertan, H.B., Leblebicioglu, K. Optimum geometry for torque ripple minimization of switched reluctance motors 81429
Sahin, I., Polatoglu, H. Maintenance strategies following the expiration of warranty 82145
Sahiner, B., Heang-Ping Chan, Datong Wei, Petrick, N., Helvie, M.A., Adler, D.D., Goodsitt, M.M. Image feature selection by a genetic algorithm: Application to classification of mass and normal breast tissue 120387
Sahiner, B., Heang-Ping Chan, Petrick, N., Datong Wei, Helvie, M.A., Adler, D.D., Goodsitt, M.M. Classification of mass and normal breast tissue: a convolution neural network classifier with spatial domain and texture images 120292
Sahiner, B., Yagle, A.E. Iterative inversion of the Radon transform 120288
Sahiner, B. *see* Petrick, N. 120389
Sahlen, O. *see* Onnegren, J. 68455
Sahli, S., Aslam, D.M. Effect of postdeposition anneal on the resistivity of p-type polycrystalline diamond films 105123
Sahlin, H., Lindgren, U. The asymptotic Cramer-Rao lower bound for blind signal separation 117509
Sahling, S., Bethoux, O., Lasjaunias, J.C., Brusetti, R. Rapid and highly sensitive Au-Ge thermometers for the temperature range 30 mK-300 K 100374
Sahm, H., Mayer, C., Pleickhardt, J., Schuck, J., Spath, S. VHDL development system and coding standard 82894
Sahm, H. *see* Mayer, C. 113672
Sahn Nahm *see* Sang-Gi Kim 61253
Sahni, S. *see* Lopez, M.A. 106129
Sahoo, D., Srikantiah, R.V. Solution growth of cadmium telluride 82583
Sahoo, G., Sanyal, S., Chakrabarty, A., Sarap, B.K. Radar transparencies of coal mine 78985
Sahr, J.D. Application of closure phase and self-calibration to radar interferometric imaging of atmospheric and ionospheric irregularities 80628
Sahr, J.D. *see* Seliga, T.A. 120761
Sahr, J.D. *see* Uppala, S.V. 111172
Sahraoui, A.E.K., Romdhani, M., Jeffroy, A., Dechazelles, P. A multi-formalisms approach for codesign in the development of avionics 70342
Sahraoui, A.E.K., Romdhani, M., Jeffroy, A., Jerraya, A.A. Co-specification for co-design in the development of avionics systems 80557
Sahraoui, B., Chevalier, R., Nguyen Phu, X., Rivoire, G., Bala, W. Influence of free carrier concentration on absorption and third-order susceptibilities of *n*-type ZnSe crystals 116666
Sahu, P.C. *see* Yousuf, M. 120235
Sahu, T., Nayak, S.K., Patnaik, J. Mobility of electrons in modulation-doped single barrier GaAs-$Al_xGa_{1-x}As$-GaAs heterostructures 105305
Sahwi, S.Z., Mekawi, A.M. Effect of noise on surface roughness measurements 110356
Sahyuna, M.R.V., Hill, S.E., Serpone, N., Danesh, R., Sharma, D.K. Optical limiting characteristics and mechanism of silver bromide nanosols 76106
Sai, H., Fujikura, H., Hashizume, T., Hasegawa, H. Growth temperature dependence of composition in $In_{1-x}Ga_xP$ alloy system grown by GSMBE using tertiarybutylphosphine 103896
Said, A. Error burst detection with high-rate convolutional codes 66339
Said, A., Anderson, J.B. Phase-shifted linear partial-response modulation 66252
Said, A., Palazzo, R., Jr. New ternary and quaternary linear block codes 97569
Said, A., Pearlman, W.A. Reduced-complexity waveform coding via alphabet partitioning 67108
Said, A., Pearlman, W.A. A new, fast, and efficient image codec based on set partitioning in hierarchical trees 67451
Said, A., Pearlman, W.A. An image multiresolution representation for lossless and lossy compression 108494
Said, A.A. *see* DeSalvo, R. 96639
Said, H.M. *see* Shehata, S.A.M. 91026
Said, R., Bridges, G. Heterodyne electrostatic force microscopy used as a new non-contact test technique for integrated circuits 74796
Saidel, M.A. *see* dos Reis, L.B. 91381
Saidi, H. *see* Min, P.S. 77687
Saidi, M.Y. *see* Koksbang, R. 71636
Saidi, Y. *see* West, K. 81682
Saidov, A.A. *see* Khabibulaev, P.K. 81915
Saidov, A.S., Leiderman, A.Yu., Sapaev, B., Karazhanov, S.Zh., Saparov, D.V. Current-voltage characteristic of n-p-p⁺ structures based on a chromium-compensated silicon-germanium solid solution 74307
Saidov, A.S. *see* Abdul'nabi, Z.M. 102519
Saidov, A.S. *see* Saidov, M.S. 121886
Saidov, M.S., Abdul'nabi, Z.M., Bilyalov, R.R., Saidov, A.S. Temperature characteristics of silicon solar cells 121886
Saidov, M.S. *see* Abdurakhmanov, B.M. 81873
Saidov, M.S. *see* Abdurakhmanov, B.M. 102975
Saidov, M.S. *see* Aiibzhonov, M. 114611
Saied, R. *see* Turbini, L.J. 104959
Saif, M.T. *see* Huang, X.T. 74961
Saif, M.T.A., MacDonald, N.C. Planarity of large MEMS 74863
Saif, M.T.A., MacDonald, N.C. Micro mechanical single crystal silicon fracture studies torsion and bending 79725
Saif, M.T.A., MacDonald, N.C. A millinewton microloading device 82795
Saifi, M.A. Emerging applications of optical fibers and photonics in intelligent automobiles and highway systems 71850
Saifuddin, A., Kohno, R. Adaptive multilevel coding associated with CCI cancellation for CDMA 68100
Saifuddin, A., Kohno, R. Reverse link performance evaluation of M-stage detection for DS/CDMA cellular system 68181
Saifuddin, A., Kohno, R. Optimization of multilevel coding scheme associated with multiuser interference cancellation for CDMA 68198
Saiga, M. *see* Watanabe, S. 71130
Saiga, N. *see* Yamamoto, H. 119871
Saigal, A. *see* Leisk, G.G. 104226
Saiger, W. *see* Benz, J. 91317
Saigui Hu *see* Hu Saigui
Saigusa, M. *see* Naka, N. 68280
Saijo, Y., Chubachi, N. Acoustic microscopy in medicine and biology 90849
Saijyou, K., Yoshikawa, S. Measurement of structural and acoustic intensities using near-field acoustical holography 89576
Saiki, A., Okusa, K., Endou, A. Development of diagnosis systems of autonomous operation system for nuclear power plants 81215
Saiki, T., Mononobe, S., Ohtsu, M., Saito, N., Kusano, K. Tailoring a high-transmission fiber probe for photon scanning tunneling microscope 69214
Saiki, T., Saito, N., Kusano, J., Ohtsu, M. Determination of slant angle of p-n interface by multiwavelength near-field photocurrent measurement 94455
Saiko, S.V. *see* Ostrovskii, I.V. 114612
Saile, V. *see* Schmenk, E.G. 89919
Saile, V. *see* Vladimirsky, Y. 74650
Sailer, A. *see* Pehlke, D.R. 62272
Sailer, A. *see* Pehlke, D.R. 93793
Sailer, A. *see* Pin-Fan Chen 114260
Sailer, A.L. *see* Sovero, E.A. 93875
Sailer, C. *see* Kozlowski, F. 94276
Sailer, R., Kuhn, P.J. Using a domain concept for integrating security into communication networks 108906
Sailing He, Dvorak, S.L., Dudley, D.G. A Comment on "Propagation of ultrawide-band electromagnetic pulses through dispersive media" [and reply] 65777
Saillard, J. *see* Belhadj, Z. 70471
Saillard, J. *see* Daout, F. 111142
Saillard, J. *see* Diouris, J.F. 68124
Saillard, J. *see* Feuvrie, B. 78391
Saillard, J. *see* Khenchaf, A. 65805
Saillard, J. *see* Khenchaf, A. 120827
Saillard, J. *see* Marulier, O. 117017
Saillard, J. *see* Oumansour, K. 68645
Saillard, J. *see* Oumansour, K. 109745
Saillard, J. *see* Wang, Y. 68577
Saillard, J. *see* Zouak, M. 68614
Saillard, M. *see* Ntsoenzok, E. 74097
Sain, J.D. *see* Klein, W.P. 101094
Saini, M., Sharma, E.K. Equivalent refractive index of MQW waveguides 97231
Saini, N. *see* Moreno, W.A. 63838
Saini, N. *see* Moreno, W.A. 94835
Sainkar, S.R. *see* Ansari, S.G. 110249
Sainkar, S.R. *see* Nawathey-Dikshit, R. 72977
Sainov, S. *see* Petrova, T. 65575
Sainov, S. *see* Popov, P. 79319
Sainov, V., Petrova, Ts., Dimitrova, A., Van den Poel, C.J., Valster, A., Veretennicoff, I., Verhoeven, P., Baets, R., Nguyen Huu Thanh, Boone, P.M. Recording and copying of reflection holograms with a semiconductor laser 96795
Sainov, V. *see* Tontchev, D. 85740
Sainson, S. *see* Dorgeuille, F. 99532
Saint, A., Breese, M.B.H., Legge, G.J.F. The use of "mixed" beams in microprobe imaging 94872
St. Amour, A. *see* Lanzerotti, L.D. 84315
St. Amour, A. *see* Liu, C.W. 104123
Saint Blancard, M.de *see* de Saint Blancard, M.
St. Clair, J.G. Clearance calculations of conductors to buildings 121194
St. Denis, R. *see* Abt, I. 80025
St. Denis, R. *see* Abt, I. 100825
St. Germain, K.M., Sayood, K. Effect of compression on physical parameters derived from polar ice radiances 120836
St. John, M., Borgnino, A. Coordinating overcurrent protection devices 91215
St. John, W.D., Lu, Z.-J., Doane, J.W., Taheri, B. Cholesteric liquid-crystal displays illuminated by diffuse and partially diffuse light 89246
St. John, W.D. *see* Doane, J.W. 85117
St. John, W.D. *see* Fritz, W.J. 85143
St. Onge, O. *see* McGrath, F.J. 68144
St. Vincent, M. Bifurcation of fixed points in coupled Josephson junctions 106682
St.-Amand, R., Sawan, M., Savaria, Y. Design and optimization of a low DC offset CMOS current-source dedicated to implantable miniaturized stimulators 110931
Saint-Andre, F. *see* Lupascu, A. 85068
Saint-Dizier, E., Brandon, E., Blondel, J.-P., Vinchant, J.F. 2.5 Gbit/s unrepeatered transmission with directly modulated laser and without dispersion compensating fibre over 385 km (412 km with FEC) of pure silica core fibre 88594
Saint-Pierre, N. *see* Jayet, Y. 92987
Saintenoy, S. *see* Roge, T.P. 82623
St.J. Russell, P. *see* Knight, J.C. 116058
Saintola, R. *see* Lindell, A. 110539
Saisho, K. *see* Katsuki, A. 112884
Saishoji, T. *see* Hisatome, N. 81770
Saita, O. *see* Nishio, H. 81298
Saito, E.R. *see* Raihn, K.F. 93700
Saito, F., Ohsawa, H., Koyama, H. Single chip microcomputer with flash electrical erasable programmable read only memory 73412
Saito, F. *see* Kikuma, N. 99168
Saito, G. *see* Logvenov, G.Yu. 106662
Saito, H., Nakagawa, E., Matsushita, T., Takeshita, F., Kubo, Y., Matsui, S., Miyazawa, K., Goto, Y. Fluorinated liquid crystalline materials for AM-LCD applications 119809
Saito, H., Ogura, I., Sugimoto, Y. Uniform CW operation of multiple-wavelength vertical-cavity surface-emitting lasers fabricated by mask molecular beam epitaxy 96378
Saito, H., Somiya, Y., Ozawa, S. Shape reconstruction of skin surface from shading images using simulated annealing 87073
Saito, H., Somiya, Y., Ozawa, S. 3-D reconstruction of skin surface from multi-shading images including shadows 108722
Saito, H., Tamura, N., Kitano, H., Mito, A., Takahashi, C., Suzuki, A., Kayanne, H. A compact seawater pCO_2 measurement system with membrane equilibrator and nondispersive infrared gas analyzer 70502
Saito, H., Umoto, I., Sasou, A., Nakamura, S., Horio, Y., Kubota, T. Subadaptive piecewise linear quantization for speech signal (64 kbit/s) compression 108229
Saito, H. *see* Anzaki, T. 84389
Saito, H. *see* Chavez-Pirson, A. 83926
Saito, H. *see* Demus, D. 85133
Saito, H. *see* Funada, M. 93906
Saito, H. *see* Hase, Y. 108080
Saito, H. *see* Kawamura, H. 77116
Saito, H. *see* Kobayashi, N. 117661
Saito, H. *see* Koike, A. 67513
Saito, H. *see* Mizuno, T. 116569
Saito, H. *see* Nagai, Y. 120182
Saito, H. *see* Nakajima, N. 72111
Saito, H. *see* Ohishi, M. 74226
Saito, H. *see* Suezawa, H. 94173
Saito, H. *see* Sugizaki, G. 116361
Saito, H. *see* Takeuchi, M. 68258
Saito, H. *see* Tanizawa, M. 99446
Saito, H. *see* Tarao, R. 85114
Saito, H. *see* Tsunashima, N. 67437
Saito, H. *see* Usami, K. 67432
Saito, H. *see* Yamanaka, H. 109311
Saito, H. *see* Yoneta, M. 74181
Saito, I. *see* Gomi, J. 78608
Saito, I. *see* Saito, T. 79427
Saito, I. *see* Tsuchiya, T. 77677
Saito, K. Optimization of the numbers of machines and operators required for LSI production 112869
Saito, K., Nakamura, H., Sugimoto, S., Okada, M., Homma, M. Microstructural changes with N content in Sm-Fe-N alloys 64195

Saito, K., Takayama, K., Ozaki, T., Kishiro, J., Ebihara, K., Hiramatsu, S. X-band prebunched FEL amplifier 96518
Saito, K. *see* Ershov, M. 69195
Saito, K. *see* Jai Ho Choi 105573
Saito, K. *see* Kamiguchi, Y. 84812
Saito, K. *see* Kondoh, J. 88969
Saito, K. *see* Kondoh, J. 106459
Saito, K. *see* Nakamura, S. 70920
Saito, K. *see* Ono, M. 100494
Saito, K. *see* Suzuki, T. 109236
Saito, K. *see* Tamaki, S. 73406
Saito, K. *see* Yamashita, Y. 90149
Saito, M., Ohshima, N. Open middleware: concept and development strategy 98645
Saito, M., Tobise, D., Miyagi, M. Optical loss anisotropy of alumina films that contain liquid crystals 85113
Saito, M. *see* Adachi, K. 111402
Saito, M. *see* Hanatsuka, M. 118473
Saito, M. *see* Haraguchi, Y. 93353
Saito, M. *see* Hirono, J. 119362
Saito, M. *see* Kiehl, R.A. 103912
Saito, M. *see* Matsumura, M. 85293
Saito, M. *see* Miyagi, T. 114331
Saito, M. *see* Momose, H.S. 84437
Saito, M. *see* Mori, M. 114470
Saito, M. *see* Nishimura, T.H. 120515
Saito, M. *see* Sasaki, H. 94954
Saito, M. *see* Shen, M.Y. 76133
Saito, M. *see* Tsurumi, H. 78488
Saito, N. *see* Miura, H. 74752
Saito, N. *see* Nakaaki, I. 113499
Saito, N. *see* Saiki, T. 69214
Saito, N. *see* Saiki, T. 94455
Saito, O. *see* Yamauchi, J. 95715
Saito, O. *see* Yamauchi, J. 116976
Saito, R. *see* Matsumoto, M. 68515
Saito, S. Long-distance optical transmission: Comparison between NRZ and solitons 78695
Saito, S. *see* Aminaka, E.-I. 75737
Saito, S. *see* Hattori, T. 75739
Saito, S. *see* Higuchi, Y. 107783
Saito, S. *see* Kihara, N. 105774
Saito, S. *see* Koike, H. 75061
Saito, S. *see* Naka, A. 99563
Saito, S. *see* Okumura, F. 100198
Saito, S. *see* Rennie, J. 64984
Saito, T., Aida, H., Kim, B.-S. A new access control method based upon frame addressing for distributed access subscriber network 118646
Saito, T., Aida, H., Kim, B.-S., Aoki, T. A fair and efficient bandwidth allocation algorithm for high-speed local area networks 87690
Saito, T., Komatsu, T., Akimoto, Y. Two approaches toward global motion segmentation for mid-level moving image representation 86843
Saito, T., Murakami, K., Nakagawa, H., Nishida, H. 2.6 GHz band satellite ISDB system for mobile reception 109410
Saito, T., Nishimoto, A., Nanjo, M. A method of in situ measurement for counting and sizing of blue-green alga particles by the detection of fluorescent components at two wavelengths 80661
Saito, T., Onuki, H. Detector calibration in the wavelength region 10 nm to 100 nm based on a windowless rare gas ionization chamber 89077
Saito, T., Saito, I., Yamada, T., Zama, T., Onuki, H. UV detector calibration based on ESR using undulator radiation 79427
Saito, T., Watanabe, H., Okuda, Y. Effect of variable sigma aperture on lens distortion and its pattern size dependence [photolithography] 115075
Saito, T., Yamaoka, Y., Kimura, Y., Morita, R., Yamashita, M. Femtosecond dynamics of nonresonant third-order optical nonlinearity of 1-(3-thienyl)-3-(4-chlorophenyl)propene-1-one crystal and solution 116665
Saito, T., Yuri, M., Onuki, H. Polarization characteristics of semiconductor photodiodes 85273
Saito, T. *see* Cheong, C.K. 86530
Saito, T. *see* Chikano, Y. 71672
Saito, T. *see* Egashira, Y. 61362
Saito, T. *see* Fuchigami, T. 117832
Saito, T. *see* Fuji, H. 95423
Saito, T. *see* Furutani, R. 99837
Saito, T. *see* Iwasaki, S. 95536
Saito, T. *see* Kamatani, Y. 78290
Saito, T. *see* Kanbara, S. 78547
Saito, T. *see* Katoh, H. 99719
Saito, T. *see* Kawasaki, Y. 62329
Saito, T. *see* Kudo, H. 70098
Saito, T. *see* Kudo, H. 80241
Saito, T. *see* Kudo, H. 101153
Saito, T. *see* Kudo, H. 101170
Saito, T. *see* Kuroda, T. 79120
Saito, T. *see* Matsushima, K. 91937
Saito, T. *see* Miyagi, N. 108436
Saito, T. *see* Morino, H. 118069
Saito, T. *see* Muchi, T. 83718
Saito, T. *see* Ninomiya, T. 99097
Saito, T. *see* Nishino, H. 113340
Saito, T. *see* Noto, K. 71586
Saito, T. *see* Ohata, K. 83524
Saito, T. *see* Ohno, R. 78225
Saito, T. *see* Okada, Y. 68253
Saito, T. *see* Okamoto, T. 94322
Saito, T. *see* Ono, K. 114306
Saito, T. *see* Ryoo, I. 87293
Saito, T. *see* Sadakata, N. 91772
Saito, T. *see* Sato, K. 100751
Saito, T. *see* Shimazawa, K. 95346
Saito, T. *see* Shirakawa, K. 114335
Saito, T. *see* Takimoto, Y. 87750
Saito, T. *see* Torikai, H. 61582
Saito, T. *see* Yamamura, T. 81826
Saito, T. *see* Yamaoka, Y. 85585
Saito, T. *see* Yamawaki, H. 82790
Saito, T. *see* Yamawaki, H. 89577
Saito, T. *see* Yamazaki, Y. 113706
Saito, Y. Interfacial conductivity observation of CaF_2 ionic conductor films using Lewis-acidic effect 91704
Saito, Y. *see* Denno, S. 99123
Saito, Y. *see* Doi, T. 69454
Saito, Y. *see* Doi, T. 70054
Saito, Y. *see* Doi, T. 107698
Saito, Y. *see* Doi, T. 107755
Saito, Y. *see* Ezawa, H. 80081
Saito, Y. *see* Ezawa, H. 100931
Saito, Y. *see* Hata, K. 73973
Saito, Y. *see* Ishimura, H. 83372
Saito, Y. *see* Kakui, M. 78760
Saito, Y. *see* Matsushima, K. 91937
Saito, Y. *see* Meki, K. 111231
Saito, Y. *see* Michizono, S. 100447
Saito, Y. *see* Mogami, T. 63483
Saito, Y. *see* Shang, D.Y. 84694
Saito, Y. *see* Shibata, K. 119295
Saito, Y. *see* Sugita, Y. 114978
Saito, Y. *see* Tanaka, S. 83532
Saito, Y. *see* Tsuboyama, T. 100836
Saito, Y. *see* Tumiran 106304
Saito, Y. *see* Yamanoi, Y. 90050
Saito, Y. *see* Yoda, K. 107714
Saitoh, A. *see* Ishikawa, Y. 89466
Saitoh, F. A method for detecting circular pads on a module board using the Hough transform for the semiconductor chip placement tool 94126
Saitoh, H., Omiya, M., Itoh, K. Estimations and evaluations of radiation patterns of personal handy phone systems by numerical electromagnetics code-2 (NEC2) 68174
Saitoh, H., Takano, Y., Toyoda, J. Genetic algorithm-based method for contingency screening in power systems 80854
Saitoh, H., Toyoda, J. A new electric power network for effective transportation of small power of dispersed generation plants 121084
Saitoh, H. *see* Kimura, H. 85368
Saitoh, I. Numerical techniques for magnetic recording analysis with a micromagnetic media model 64442
Saitoh, I. Magnetic characteristics of magnetic shield in CRT and their effects on landing drifts caused by terrestrial magnetic field 83772
Saitoh, I. *see* Olszewski, P. 114541
Saitoh, K., Ishiguro, N., Yanagawa, N., Tanaka, H., Sadamoto, M., Fukuda, S., Ashida, Y., Fukuda, N. Performance of p-i-n solar cells with intrinsic μc-Si:H layer 102991
Saitoh, K. *see* Iwata, S. 113978
Saitoh, K. *see* Korechika, T. 122056
Saitoh, K. *see* Nakao, S. 114591
Saitoh, K. *see* Sadamoto, M. 92902
Saitoh, K. *see* Shimizu, T. 73431
Saitoh, K. *see* Shimizu-Iwayama, T. 94265
Saitoh, K. *see* Shimizu-Iwayama, T. 94663
Saitoh, K. *see* Shiraishi, T. 118693
Saitoh, K. *see* Yoshikawa, M. 84008
Saitoh, L. A numerical technique for analysis of magnetic recording with an MR head 106598
Saitoh, M. *see* Honda, K. 101866
Saitoh, M. *see* Yamamoto, T. 98895
Saitoh, M. *see* Yasuda, M. 61565
Saitoh, N., Kuroki, K., Kurosawa, K. Enhancement of videotaped car license plate characters using laser video disc recorder 66981
Saitoh, R., Yoshino, M., Otsuki, M., Sukurai, K. A study on edge termination technique at low temperature for high voltage IGBT 105977
Saitoh, S. *see* Asada, H. 79622
Saitoh, S. *see* Tamura, H. 72510
Saitoh, T. Numerical stress analysis of resin cracking in LSI plastic packages under temperature cyclic loading 92207
Saitoh, T., Kourogi, M., Ohtsu, M. Expansion of span-width of an optical frequency comb using a higher harmonic wave modulation 109657
Saitoh, T. *see* Agatsuma, K. 95429
Saitoh, T. *see* Ichikawa, Y. 109945
Saitoh, T. *see* Miyake, Y. 81757
Saitoh, T. *see* Nagayoshi, H. 105621
Saitoh, W., Suemasu, T., Kohno, Y., Watanabe, M., Asada, M. Metal ($CoSi_2$)/insulator (CaF_2) hot electron transistor using electron-beam lithography on Si substrate 84334
Saitoh, W., Yamazaki, K., Asada, M., Watanabe, M. Proposal and analysis of very short channel field effect transistor using vertical tunneling with new heterostructures on silicon 105979
Saitoh, W. *see* Suemasu, T. 106100
Saitoh, Y., Akamine, T., Inoue, M., Yamanaka, J., Kadoi, K., Takano, R., Kojima, Y., Miyahara, S., Kamiya, M., Ikeda, H., Matsuda, T., Tsuboyama, T., Ozaki, H., Tanaka, M., Iwasaki, H., Haba, J., Higashi, Y., Yamada, Y., Okuno, S., Avrillon, S., Nemoto, T., Fukunishi, I., Asano, Y. Fabrication of a double-sided silicon microstrip detector with an ONO capacitor dielectric film 80027
Saitoh, Y., Akamine, T., Inoue, M., Yamanaka, J., Kadoi, K., Takano, R., Kojima, Y., Miyahara, S., Kamiya, M., Ikeda, H., Matsuda, T., Tsuboyama, T., Ozaki, H., Tanaka, M., Iwasaki, H., Haba, J., Higashi, Y., Yamada, Y., Okuno, S., Avrillon, S., Nemoto, T., Fukunishi, I., Asano, Y. Fabrication of a double-sided silicon microstrip detector with an ONO capacitor dielectric film 100838
Saitoh, Y., Kanke, A., Shinozaki, I., Kiryu, T., Hori, J. Implantable temperature measurement system using the parametron phenomenon 110235
Saitoh, Y., Sato, Y., Fujikawa, S., Inoue, M., Haruta, K. Theoretical analysis of XeCl excimer laser with the pre-pulse/PFN circuit 75789
Saitoh, Y. *see* Abe, Y. 77078
Saitoh, Y. *see* Avrillon, S. 80033
Saitoh, Y. *see* Avrillon, S. 100851
Saitoh, Y. *see* Ikeda, H. 69863
Saitoh, Y. *see* Ikeda, H. 100804
Saitoh, Y. *see* Kanai, Y. 70214
Saitoh, Y. *see* Kanai, Y. 110919
Saitoh, Y. *see* Okada, C. 63203
Saitoh, Y. *see* Yamamoto, T. 106945
Saitou, A., Nomura, T., Morizumi, T. Multi-channel SAW chemical sensor using 90 MHz SAW resonator and molecular films deposited by droplet-surface casting method 79373
Saitou, K., Washimi, Y., Koike, Y., Takahashi, A., Kaneoke, Y. Slow negative cortical potential preceding the onset of postural adjustment 101361
Saitou, M., Kawabata, M., Akaiwa, Y. Direct conversion receiver for 2- and 4-level FSK signals 68235
Saitou, M. *see* Nakahira, T. 116118
Saitou, S. *see* Ogasawara, Y. 116001
Saitou, T. *see* Chibe, H. 102601
Saitou, T. *see* Hirao, M. 71867
Saitou, T. *see* Seike, T. 119560
Saitov, I.S. *see* Aksinenko, V.D. 69851
Saitov, I.S. *see* Aksinenko, V.D. 69852
Saitta, B. *see* Di Capua, E. 110598
Saiz, J. *see* Carrabina, J. 74836
Saiz-Pardo, R., Rincon, R., Flores, F. Schottky barrier formation for passivated semiconductor surfaces 63092
Sajadieh, M., Kschischang, F.R., Leon-Garcia, A. Layered transmission of audio/video signals 88801
Sajadieh, M., Kschischang, F.R., Leon-Garcia, A. Analysis of two-layered adaptive transmission systems 118990
Sajaev, V. *see* Levichev, E. 120013
Sajan, M.R. *see* Asundi, A.K. 89171
Sajda, P. *see* Spence, C. 77306
Sajda, P. *see* Spence, C.D. 66874
Saje, B., Reinsch, B., Kobe-Besenicar, S., Kolar, D., Harris, I.R. Nitrogenation of Sm_2Fe_{17} alloy with Ta addition 106630
Sajeev, A.P. *see* Abdul Latheef, G. 76454
Sajfar, I. Methods of measuring internal resistance of batteries 79648
Saji, Y. *see* Ogawa, S. 75374
Saji Stephen, D., Mathew, T., Aanandan, C.K., Mohanan, P., Jose, K.A., Nair, K.G. Analysis of a dual periodic strip grating 116867
Sajiki, K. *see* Nabekawa, Y. 65030
Sajiki, S. *see* Takakura, M. 104249
Sajima, T. *see* Katsuki, A. 112884
Sajnes, I. *see* Boucaud, P. 94512
Sajot, G. *see* Adam, W. 69709
Sajot, G. *see* Andrieux, M.L. 69739
Saka, B., Yazgan, E. Adaptive beam forming for array feed parabolic reflector 66090
Saka, H. *see* Tsuji, S. 95034
Saka, M. *see* Sasagawa, K. 112888
Saka, N. *see* Bor-Jenq Wang 62433
Saka, T. *see* Nakanishi, T. 114507
Saka, T. *see* Bennett, P.D. *(editor)* 72090
Sakabe, S. *see* Kometani, H. 81449
Sakabe, S. *see* Yoshinaga, K. 72104
Sakach, P.J. *see* Wong, C.P. 83645
Sakae, T. *see* Amurohka, H. 100892
Sakae, T. *see* Budihardjo, S. 100833
Sakae, T. *see* Ijiri, H. 83692
Sakae, T. *see* Zelenski, A.N. 90070
Sakagami, E. *see* Atsumi, S. 73349
Sakagami, I. Comments on "Sensitivity analysis of lossy coupled transmission lines" [and reply] 97204
Sakagami, I., Munehiro, T., Tanaka, H., Itoh, T. Branch-line hybrid-rings with coupled-lines 62159
Sakagami, K. *see* Miyake, K. 99323
Sakagami, R. *see* Ashizawa, K. 98694
Sakagami, T. *see* Muto, S. 75551
Sakaguchi, A. *see* Numazu, H. 67415
Sakaguchi, H., Nagamura, T. Laser excitation effect on the third order optical nonlinearity of a conjugated polymer 85587
Sakaguchi, H. *see* Yosoi, M. 120231
Sakaguchi, K. *see* Kiuchi, M. 75340
Sakaguchi, K. *see* Yonehara, T. 63153
Sakaguchi, M., Yokota, K., Shiomi, A., Hirai, K., Takano, H., Kumagai, M. Properties of S implanted in GaAs activated using As-doped a-Si:H encapsulant films 105555
Sakaguchi, M., Yokota, K., Shiomi, A., Mori, H., Watanabe, M., Takagi, T., Hirai, K., Takano, H., Kumagai, M. Activation of S-implanted into GaAs 74542
Sakaguchi, N. *see* Koyama, T. 92219
Sakaguchi, S. *see* Kawabe, Y. 105793

Sakaguchi, S. *see* Shimamura, K. 82572
Sakaguchi, T. Network technologies for multimedia 67905
Sakaguchi, T., Hamasaki, T., Kobayashi, T., Tamura, A., Nakayama, M., Sou, S. A new 3CCD camera system for consumer use 68924
Sakaguchi, T., Katsube, A., Honda, T., Koyama, F., Iga, K. MgO/SiO$_2$ dielectric multilayer reflectors for GaN-based ultra-violet surface emitting lasers 62905
Sakaguchi, T., Morishima, S., Ohya, J., Kishino, F. Facial expression recognition from image sequences using hidden Markov model 87130
Sakaguchi, T. *see* Fukumi, T. 76236
Sakaguchi, T. *see* Honda, T. 75949
Sakaguchi, T. *see* Honda, T. 116521
Sakaguchi, T. *see* Iyoda, I. 90920
Sakaguchi, T. *see* Murayama, A. 104570
Sakaguchi, Y. *see* Kobayashi, T. 111638
Sakai, A., Fujii, Y. Jitter stability in paired soliton transmission system 109625
Sakai, A. *see* Kasuga, S. 80014
Sakai, A. *see* Yamaguchi, A.A. 92699
Sakai, D. *see* Mueller, R.E. 107650
Sakai, E., Takahashi, R., Ogura, A. Advanced water treatment technology to produce higher quality water 71958
Sakai, E. *see* Fukuda, I. 85124
Sakai, H., Hatanaka, K., Okamura, H. Facility for the (p,n) polarization transfer measurement at RCNP 119994
Sakai, H., Ota, Y., Inoue, K., Yanagihara, M., Matsuno, T., Tanabe, M., Yoshida, T., Ikeda, Y., Fujita, S., Takahashi, K., Sagawa, M. A millimeter-wave flip-chip IC using micro-bump bonding technology 73805
Sakai, H. *see* Akasaki, I. 75922
Sakai, H. *see* Boonkosum, W. 96037
Sakai, H. *see* Higo, T. 100669
Sakai, H. *see* Ichikawa, Y. 102990
Sakai, H. *see* Jin, N. 115247
Sakai, H. *see* Okamura, H. 119991
Sakai, H. *see* Takahashi, K. 93901
Sakai, H. *see* Tokizaki, T. 62910
Sakai, I. Magnet system for both negative-ion charge-exchange injection and positive-ion multi-turn injection 90063
Sakai, I., Takagi, A., Mori, Y., Machida, S., Yoshii, M., Toyama, T., Shirakata, M., Shoji, Y., Sato, H. Helium beam acceleration in the KEK proton synchrotron with a newly developed injection system for positive/negative ions 100718
Sakai, I. *see* Abiko, H. 84594
Sakai, I. *see* Mizuno, M. 73194
Sakai, J. *see* Tamura, T. 74992
Sakai, J.W. *see* McDonnell, P. 63823
Sakai, K., Hoshino, S. Environmental assessment of gas-insulated power-distribution transformers 81516
Sakai, K. *see* Hyodo, M. 96237
Sakai, K. *see* Hyodo, M. 107201
Sakai, K. *see* Kawada, M. 115702
Sakai, K. *see* Kuriyama, K. 114627
Sakai, K. *see* Nakamoto, M. 102516
Sakai, K. *see* Tani, M. 115963
Sakai, K. *see* Tonouchi, M. 75336
Sakai, K. *see* Yamamoto, K. 84682
Sakai, M., Aizawa, K., Hatori, M. An adaptive filter with adaptation to nonuniformly spaced samples 114097
Sakai, M., Sekigucki, N., Ohta, D., Tani, T. Fundamental study on solar hydrogen energy systems (system optimization based on hydrogen production cost) 81909
Sakai, M., Usmani, R.A. On fair parametric rational cubic curves 60973
Sakai, M. *see* Izumi, S. 115167
Sakai, M. *see* Nakamura, H. 102602
Sakai, N., Horita, T., Kawada, T., Yokokawa, H., Dokiya, M., Stolen, S. Thermodynamic properties of lanthanum calcium chromite 81838
Sakai, N. *see* Fukuyama, H. 91454
Sakai, N. *see* Horita, T. 71679
Sakai, N. *see* Horita, T. 81831
Sakai, N. *see* Nishiyama, H. 102966
Sakai, N. *see* Rak-Hyun Song 81776
Sakai, N. *see* Van Herle, J. 81857
Sakai, N. *see* Yokokawa, H. 81846
Sakai, S., Miyamoto, S., Nagahama, T., Igarashi, H., Ohta, N., Ohsumi, K. Development of water chemistry data management system and its operational experience 91304
Sakai, S. *see* Chibe, H. 102601
Sakai, S. *see* Kasai, Y. 82598
Sakai, S. *see* Kawada, T. 119816
Sakai, S. *see* Shoji, M. 115665
Sakai, S. *see* Takaba, S. 78423
Sakai, S. *see* Takahashi, Y. 89264
Sakai, S. *see* Yamaguchi, A. 68243
Sakai, T., Iwaki, T., Ye, Z., Noreus, D., Lindstrom, O. Air-metal hydride battery construction and evaluation 71671
Sakai, T., Kohno, M., Hirae, S., Nakatani, I., Matsubara, H., Kusuda, T. Evaluation of GaAs wafer using noncontact capacitance/voltage measurement 83863
Sakai, T., Ogiwara, H. Quick simulation method for TCM scheme using importance sampling without truncation error 117129
Sakai, T., Ramada, N. A high-power Q-switched CO$_2$ laser using intense pulsed RF discharge excitation 85379
Sakai, T., Sawaji, T., Matsumoto, T. Realization of resistive fuse by νMOS transistors 104926
Sakai, T., Shimomura, K. Bonding temperature dependence of optically controlled field-effect transistor fabricated by direct wafer bonding technique 85347
Sakai, T., Suzuki, T., Li Zhang Improvement of porous silicon EL efficiency during anodic oxidation and the application of a new microstructure analysis method 64917
Sakai, T. *see* Ehara, Y. 75043
Sakai, T. *see* Ehara, Y. 95289
Sakai, T. *see* Imori, M. 80131
Sakai, T. *see* Imori, M. 100930
Sakai, T. *see* Ino, M. 73249
Sakai, T. *see* Ito, S. 118892
Sakai, T. *see* Kuriyama, N. 71659
Sakai, T. *see* Kuriyama, N. 91721
Sakai, T. *see* Matsumoto, S. 63657
Sakai, T. *see* Nakayamaa, S. 63142
Sakai, T. *see* Okude, S. 75446
Sakai, T. *see* Ruike, M. 92961
Sakai, T. *see* Scales, W.H. 78577
Sakai, T. *see* Shannon, J.M. 89258
Sakai, T. *see* Takahashi, K. 89428
Sakai, T. *see* Takano, Y. 89431
Sakai, T. *see* Ushirorawa, M. 89429
Sakai, T. *see* Ye, Z. 71656
Sakai, Y., Kataoka, R. Searching multimedia information in distributed environment 109087
Sakai, Y., Tohmori, Y., Suzaki, Y., Kondo, Y., Mitomi, O. Improved FFP of 1.3 μm spot-size converted laser for highly efficient coupling to optical fibre 96265
Sakai, Y., Tohmori, Y., Suzaki, Y., Oohashi, H., Kondo, Y., Okamoto, M., Mitomi, O., Itaya, Y., Sugie, T. Improved FFP of a 1.3-μm spot-size converted laser for highly efficient coupling to optical fiber 75976
Sakai, Y. *see* Ahmadi, M.R. 77779
Sakai, Y. *see* Anzaki, T. 84389
Sakai, Y. *see* Aska Juste, K. 64058
Sakai, Y. *see* Ichikawa, A. 99750
Sakai, Y. *see* Mitomi, O. 85053
Sakai, Y. *see* Okamoto, H. 75919
Sakai, Y. *see* Okamoto, H. 96432
Sakai, Y. *see* Okura, K. 117855
Sakai, Y. *see* Yamada, N. 63282
Sakai, Y. *see* Yamada, N. 63404
Sakai, Y. *see* Yamada, T. 105086
Sakai, Y. *see* Yamaoka, K. 77780
Sakai, Y. *see* Yamaoka, K. 77841
Sakaida, H., Maehara, F., Takahata, F. A demodulator for broadband land mobile communications adopting 16 QAM modulation scheme 109387
Sakaida, H. *see* McArdle, N. 85177
Sakaida, Y. *see* Nomura, Y. 86466
Sakairi, N. *see* Matsukura, N. 84731
Sakairi, T. *see* Momose, S. 115762
Sakaki *see* Mizuno, A. 89757
Sakaki, H. Recent progress in quantum structure materials, physics and devices 74363
Sakaki, H., Yoshikawa, H., Itoh, Y., Kuba, A., Hori, T., Mizuno, A., Yokomizo, H. Design of SPring-8 Linac control system using Object Oriented concept 89929
Sakaki, H. *see* Dixon, D. 74383
Sakaki, H. *see* Dixon, D. 105414
Sakaki, H. *see* Fasol, G. 63806
Sakaki, H. *see* Fujii, T. 83341
Sakaki, H. *see* Inoshita, T. 62875
Sakaki, H. *see* Kono, J. 105391
Sakaki, H. *see* Kouwenhoven, L.P. 105407
Sakaki, H. *see* Nakamura, Y. 94326
Sakaki, H. *see* Ngo, T.T. 61289
Sakaki, H. *see* Ohno, Y. 62990
Sakaki, H. *see* Ohno, Y. 105332
Sakaki, H. *see* Ohno, Y. 105361
Sakaki, H. *see* Someya, T. 62992
Sakaki, H. *see* Someya, T. 72813
Sakaki, M., Sakakibara, T. Differentially evacuated ion energy analyzer for cathodic arc plasma 73919
Sakaki, Y. *see* Katane, T. 115842
Sakaki, Y. *see* Saotome, H. 84809
Sakakibara, H. *see* Goshima, H. 102599
Sakakibara, H. *see* Noguchi, M. 114734
Sakakibara, H. *see* Okubo, H. 75008
Sakakibara, H. *see* Okubo, H. 102788
Sakakibara, I., Motohashi, Y. Trial of CATV, VOD and ISDN services over FTTH 118671
Sakakibara, K., Ajika, N., Hatanaka, M., Miyoshi, H. A quantitative analysis of stress induced excess current (SIEC) in SiO$_2$ films 95205
Sakakibara, K., Hirokawa, J., Ando, M., Goto, N. A slotted waveguide planar array antenna for entrance radio system in mobile communication 66170
Sakakibara, K., Hirokawa, J., Ando, M., Goto, N. Periodic boundary condition for evaluation of external mutual couplings in a slotted waveguide array 108078
Sakakibara, K., Kasahara, M. On the minimum distance of a q-ary image of a q^m-ary cyclic code 97571
Sakakibara, K., Kasahara, M., Yuba, Y. On the unequal error protection capability of a q-ary image of a low-rate q^m-ary cyclic code 117165
Sakakibara, K. *see* Saeki, T. 73369
Sakakibara, K. *see* Umeda, T. 117170
Sakakibara, S., Yukimura, K. Transition characteristics to arc discharge of KrF excimer-laser pumping discharge 107487
Sakakibara, T. *see* Mizuno, K. 121824
Sakakibara, T. *see* Morimoto, H. 111853
Sakakibara, T. *see* Oki, I. 121823
Sakakibara, T. *see* Sakaki, M. 73919
Sakakibara, Y. *see* Ino, M. 73249
Sakakima, H., Irie, Y., Kawawake, Y., Satomi, M. Spin-valve multilayers of [H/Cu/S] (H=Co, Co-Pt, or Co-Fe, S=NiFeCo) and memory cells 95364
Sakakima, H. *see* Kanno, I. 92858
Sakakima, H. *see* Onaka, K. 119595
Sakakura, A. The research on fine-grained cube texture: a soft magnetic material for use in high frequency electronic fields 92950
Sakakura, M., Uwano, T., Ishizaki, T., Ogawa, K. Design of low phase noise VCO for cellular mobile telephones 113796
Sakakura, S., Wei Huang, Nakagawa, M. Pre-diversity using coding, multi-carriers and multi-antennas 68266
Sakallah, K.A. *see* Chandramouli, V. 82872
Sakalo, T.V., Kukushkin, S.A. Coalescence of cylindrical islands on the crystal surface accompanied by correlated changes of their heights and radii 61331
Sakamato, N. *see* Akune, T. 75341
Sakami, H. *see* Hagiwara, Y. 100254
Sakamoto, F. *see* Seki, M. 109915
Sakamoto, F. *see* Takahashi, K. 89428
Sakamoto, H., Hirakawa, K., Toya, Y. Sound and vibration of railroad wheel 91849
Sakamoto, H., Nishida, T. Multimedia Internet quality control middleware 118585
Sakamoto, H. *see* Harada, K. 121545
Sakamoto, H. *see* Kitamura, H. 118427
Sakamoto, I., Ohkubo, M., Miura, T., Hayashi, N., Kuprin, A.P., Kuprin, A.P. Ion irradiation effect of the radiation detector using superconducting tunnel junctions 90121
Sakamoto, I. *see* Hayashi, N. 90120
Sakamoto, I. *see* Ohkubo, M. 90244
Sakamoto, K., Fuchigami, N., Takagawa, K., Ohtaka, S. An intelligent power MOSFET with reverse battery protection for automotive applications 105992
Sakamoto, K., Kasugai, A., Takahashi, K., Tsuneoka, M., Imai, T., Kariya, T., Hayashi, K. Stable, single-mode oscillation with high-order volume mode at 1 MW, 170 GHz gyrotron 94195
Sakamoto, K., Maemura, C. Power savings through cogeneration at MEW'S Kadoma Plant 81323
Sakamoto, K., Okamoto, M., Ueda, H., Takahashi, H., Shimizu, E. Real-time 3-D color display using a holographic optical element 100183
Sakamoto, K., Ueda, H., Takahashi, H., Shimizu, E. Real-time 3-D color display using a holographic optical element 119807
Sakamoto, K. *see* Iwata, Y. 81013
Sakamoto, K. *see* Takahashi, H. 73382
Sakamoto, K. *see* Takahashi, K. 106295
Sakamoto, K. *see* Takeda, T. 69943
Sakamoto, K. *see* Tanaka, T. 89387
Sakamoto, K. *see* Ueda, H. 96753
Sakamoto, M., Maruyama, M., Ohi, S. A unified LCD simulation system for TFT-addressed active-matrix displays 89331
Sakamoto, M. *see* Ito, N. 111732
Sakamoto, N. *see* Awatsuji, Y. 85186
Sakamoto, N. *see* Okamura, H. 119991
Sakamoto, S., Yoshioka, K., Fukumoto, H. Analysis of dynamic behavior coupled with electromagnetic force and application to a superconducting magnet 106707
Sakamoto, S. *see* Spickermann, R. 64804
Sakamoto, S. *see* Takagi, H. 81759
Sakamoto, S.R. *see* Spickermann, R. 75572
Sakamoto, T. Steady-state analysis of a saturable nonlinear amplifying fibre loop resonator 107596
Sakamoto, T., Kamagata, E., Serizawa, M. Location registration and paging for in-building personal multi-media communication systems 119005
Sakamoto, T., Nakamura, K. Carrier traps in a GaAs/Al$_x$Ga$_{1-x}$As single electron transistor 63814
Sakamoto, T. *see* Akiyama, Y. 91508
Sakamoto, T. *see* Fukushima, T. 68476
Sakamoto, T. *see* Michioka, C. 111928
Sakamoto, T. *see* Mizuno, K. 102800
Sakamoto, T. *see* Mooney, V.J., III 113674
Sakamoto, T. *see* Muramatsu, K. 104056
Sakamoto, T. *see* Nagata, H. 106831
Sakamoto, Y., Ishimaru, N., Hasebe, M. Hydrogen discharge properties of Pd-Ni and Pd-Rh alloy hydride electrodes 71648
Sakamoto, Y., Kawahara, T., Zana, M. Three-dimensional segmentation of magnetic resonance images using neural network 90391
Sakamoto, Y., Kuruma, K., Hirano, S., Kokubu, M., Yonezawa, K., Hirata, M. An alkaline nickel oxide battery using Co$_3$M (M=Mo,W,V,Nb,Ta)-type negative electrodes 71649
Sakamoto, Y., Sugino, T., Miyazaki, T., Shirafuji, J. Formation of PN$_x$/InP structure by in situ remote plasma processes 61359

Sakamoto, Y. *see* Goto, A. 67803
Sakamoto, Y. *see* Nakanishi, M. 95501
Sakamoto, Y. *see* Sugino, T. 105494
Sakamoto, Y. *see* Suma, S. 104659
Sakamoto, Y. *see* Takahashi, N. 63317
Sakamoto, Y. *see* Zhang, S. 86985
Sakanaka, S., Hinode, F., Akemoto, M., Hayano, H., Matsumoto, H., Kubo, K., Tokumoto, S., Higo, T., Urakawa, J. Design of an RF system for the ATF damping ring 100682
Sakanaka, S., Hinode, F., Akemoto, M., Tokumoto, S., Higo, T., Urakawa, J., Miura, T., Hirata, Y., Satoh, K. Design of a high-power test cavity for the ATF damping ring 100681
Sakanaka, S. *see* Hinode, F. 100670
Sakanaka, S. *see* Tobiyama, M. 90030
Sakanashi, K., Kanemaru, T. OKI's concept for multimedia front office system 98891
Sakane, H., Kiya, H. A super-resolution method based on the discrete cosine transform 77049
Sakane, H., Matsumoto, H. Present semiconductor technology and the approach of LSI systems 74782
Sakane, Y. *see* Muto, S. 75551
Sakanishi, K. *see* Takeyama, M. 83984
Sakanishi, K. *see* Takeyama, M. 94816
Sakaniwa, K. *see* Shibuya, T. 86054
Sakano, J., Kobayashi, H., Nagusu, M., Mori, M. 4 kV insulated gate controlled thyristor with low on-state voltage drop 105930
Sakano, M. *see* Nagaya, S. 82822
Sakao, M. *see* Suzuki, H. 61888
Sakasai, A. *see* Ninomiya 64569
Sakasai, K., Kakuta, T., Yamagishi, H., Nakazawa, M., Yamanaka, N., Iguchi, T. Experiments for optical neutron detection using nuclear pumped laser 80085
Sakasai, K., Kakuta, T., Yamagishi, H., Nakazawa, M., Yamanaka, N., Iguchi, T. Experiments for optical neutron detection using nuclear pumped laser 100876
Sakashita, K. *see* Nishizawa, K. 101215
Sakashita, N. *see* Nitta, Y. 73370
Sakata, H., Nagao, Y., Matsushima, Y. Optoelectronic logic operations by triangular-barrier optoelectronic switch (TOPS) 85224
Sakata, H., Utaka, K., Matsushima, Y. Optically controlled S- and N-shaped negative differential resistances by resonant-tunnelling triangular-barrier optoelectronic switch (R-TOPS) 65476
Sakata, H. *see* Cheng, C.S. 94375
Sakata, H. *see* Matsuse, M. 72854
Sakata, H. *see* Mori, H. 119755
Sakata, H. *see* Sugimoto, K. 115174
Sakata, H. *see* Yasuda, Y. 109231
Sakata, I. *see* Ganguly, G. 94391
Sakata, M., Wakabayashi, S., Goto, H., Totani, H., Takeuchi, M., Yada, T. Sputtered high $|d_{31}|$ coefficient PZT thin film for microactuators 75034
Sakata, M. *see* Inabayashi, Y. 112876
Sakata, M. *see* Wakabayashi, S. 74923
Sakata, S. *see* Iijima, M. 64175
Sakata, S. *see* Kurihara, M. 117164
Sakata, T. *see* Mizoguchi, M. 99201
Sakata, Y., Kamoi, H., Gohko, H. Echo canceller LSI 78404
Sakata, Y., Morimoto, T., Inomoto, Y., Murakami, T., Hasumi, H. Strained MQW-BH-LDs and integrated devices fabricated by selective MOVPE 107279
Sakata, Y. *see* Hiramoto, M. 116247
Sakata, Y. *see* Yoshikawa, T. 84157
Sakauchi, M. *see* Mo, H. 67131
Sakauchi, M. *see* Yaginuma, Y. 67433
Sakauchi, M. *see* Yihong Gong 67360
Sakaue, H. *see* Shingubara, S. 115010
Sakaue, K. *see* Unekawa, Y. 78296
Sakaue, S., Tamura, A., Nakayama, M., Maruno, S. Adaptive gamma processing of the video camera for the expansion of the dynamic range 67195
Sakawa, H. *see* Kano, S. 67833
Sakawa, M., Kato, K., Mizouchi, R. Interactive decision-making for large-scale multiobjective linear programming problems with fuzzy parameters 60883
Sakawa, M. *see* Kato, K. 92559
Sakazawa, S., Takishima, Y., Wada, M., Hatori, Y. Control scheme for moving-picture coding using the multi-encoder system 108572
Sakemi, Y. *see* Yosoi, M. 120231
Sakharov, A.S. *see* Andreev, N.E. 79769
Sakharov, A.V. *see* Kop'ev, P.S. 107351
Sakharov, N.V. *see* Gusev, V.K. 107815
Sakharov, N.V. *see* Kavin, A.A. 102774
Sakhelashvilli, T. *see* Schmidt, P.V. 90179
Saki, W. *see* Tsutsumi, N. 85648
Sakis Meliopoulos, A.P., Fan Zhang Multiphase power flow and state estimation for power distribution systems 70873
Sakiya, F. *see* Kinoshita, H. 94768
Sakiyama, A., Imai, T. Transient analysis of high frequency electromagnetic field by modal analysis method based on 3-D F.E.M 107710
Sakiyama, I. *see* Hikita, M. 76669
Sakiyama, K. *see* Hikata, M. 109381
Sakiyama, K. *see* Imai, T. 103166
Sakiyama, S. *see* Fukuda, M. 104771
Sakly, S. *see* Godts, P. 110141
Sako, H. *see* Mese, M. 98167
Sako, K. Generating statistical information in anonymous surveys 66398
Sako, K. *see* Jakobsson, M. 76823
Sako, T., Muraki, Y., Matsubara, Y., Sato, M., Niwa, K., Nakamura, M., Sato, S., Nakano, T., Tanaka, Y., Okuno, H. R&D for high energy gamma-ray telescope using scintillation fiber with image intensifiers 110597
Sakoda, H. *see* Kasai, J. 103454
Sakoda, S., Ohara, N., Uda, K., Ninomiya, J. Development of high quality products by squeeze casting 112877
Sakolchik, P.P. *see* Minchenko, L.I. 92508
Sakomura, M., Fujihira, M. Photoelectric conversion by an A-S-D triad monolayer covered with a protective monolayer 91734
Sakomura, M. *see* Fujihira, M. 85274
Sakon, T. *see* Sato, K. 103147
Sakota, M. *see* Hirono, H. 112879
Sakota, N. *see* Atarasi, H.O. 83509
Saks, M. *see* Afek, Y. 87683
Saksena, T.K. *see* Gupta, R. 80660
Saksmoto, H. *see* Hiwa, N. 91927
Saksvik, O. *see* Asplund, G. 91121
Saku, T. *see* Tarucha, S. 62933
Saku, T. *see* Tokura, Y. 62825
Sakuhara, T. *see* Suda, M. 74946
Sakui, K. *see* Himeno, T. 113955
Sakui, M., Minamijima, M., Amei, K., Fujita, H. Analytical method for calculating harmonic currents of an AC/DC converter with AC filters 71483
Sakui, M. *see* Fujita, H. 121515
Sakuma, A. *see* Yuasa, S. 64194
Sakuma, E. *see* Ikegami, T. 76130
Sakuma, E. *see* Ikegami, T. 76172
Sakuma, E. *see* Slyusarev, S. 85707
Sakuma, H. *see* Toyoda, T. 74799
Sakuma, K. *see* Li Guohua 91718
Sakuma, K. *see* Wakihara, M. 81662
Sakuma, M. *see* Fujita, M. 96451
Sakuma, M. *see* Fujita, M. 112606
Sakuma, S., Miyashita, T., Sato, C. Pose determination of 3-D object from a single perspective view 86361
Sakuma, S. *see* Hattori, T. 110288
Sakuma, S. *see* Tanaka, H. 121155
Sakuma, T., Ebisu, T., Hashizume, T., Igarashi, Y. OKITRON-LL: fault tolerant telecom computer 108887
Sakuma, Y. *see* Ihara, S. 66643
Sakuma, Y. *see* Yokoyama, N. 63824
Sakuraba, H. *see* Nishizawa, J. 61171
Sakuraba, I. *see* Koyanagi, K. 85709
Sakuraba, I. *see* Yamada, H. 116667
Sakuraba, J. *see* Watazawa, K. 95539
Sakuraba, T. *see* Nakanishi, M. 119522
Sakurabata, H. *see* Kobari, T. 100406
Sakurada, M. *see* Kikuchi, M. 80434
Sakurada, S., Tsutai, A., Hirai, T., Yanagida, Y., Sahashi, M., Abe, S., Kaneko, T. Structural and magnetic properties of rapidly quenched $(R,Zr)(Fe,Co)_{10}N_x$ (R=Nd,Sm) 64222
Sakurada, T. *see* Shimada, T. 61161
Sakuragi, H. *see* Nishio, T. 71172
Sakurai, A., Yoshimura, T. Service description and usage of identities/numbers for FPLMTS 68203
Sakurai, A. *see* Mori, Y. 87256
Sakurai, H. Realization of the triple points of gallium, water and mercury by an adiabatic calorimetric method 119526
Sakurai, H., Mizuma, Y., Hamada, T., Suyama, Y. Reference functions for JPt100 thermometers based on the ITS-90 110425
Sakurai, H., Tamura, T., Gunji, S., Noma, M. A new type of proportional counter using a capillary plate 90170
Sakurai, H. *see* Nakagawa, N. 81824
Sakurai, H. *see* Ohki, M. 76410
Sakurai, H. *see* Tamura, T. 80082
Sakurai, H. *see* Tamura, T. 101025
Sakurai, H. *see* Tamura, T. 101026
Sakurai, H. *see* Tomita, H. 101027
Sakurai, H. *see* White, D.R. 119664
Sakurai, K. *see* Fujihira, T. 106128
Sakurai, K. *see* Konishi, Y. 105912
Sakurai, K. *see* Kubota, Y. 118386
Sakurai, K. *see* Kudoh, M. 104335
Sakurai, K. *see* Matsubara, I. 102197
Sakurai, K. *see* Min, K.-S. 76654
Sakurai, K. *see* Mitsui, T. 119744
Sakurai, K. *see* Otsuki, M. 105940
Sakurai, K. *see* Satoh, A. 110097
Sakurai, K. *see* Tomikawa, Y. 84717
Sakurai, K. *see* Uchida, H. 108071
Sakurai, M. *see* Fujiwara, Y. 75197
Sakurai, N. *see* Fujil, H. 98885
Sakurai, S. *see* Aoki, T. 95898
Sakurai, S. *see* Nose, H. 89247
Sakurai, S. *see* Yagi, M. 81279
Sakurai, T., Petkovic, M.S. On some simultaneous methods based on Weierstrass correction 92589
Sakurai, T. *see* Hara, H. 93354
Sakurai, T. *see* Kawakita, S. 106581
Sakurai, T. *see* Kitakami, O. 75114
Sakurai, T. *see* Kuroda, T. 73425
Sakurai, T. *see* Kuroda, T. 104515
Sakurai, T. *see* Li, L. 94450
Sakurai, T. *see* Ohuchi, K. 78076
Sakurai, T. *see* Parameswar, A. 73202
Sakurai, T. *see* Takahashi, I. 111846
Sakurai, T. *see* Takayanagi, T. 73424
Sakurai, T. *see* Unekawa, Y. 78296
Sakurai, W. *see* Kobayashi, N. 75266
Sakurai, W. *see* Sassa, T. 107527
Sakurai, Y., Kitatani, H., Ishiguro, T., Ichinose, Y. An investigation of exchange-coupled films by 0-K Monte Carlo simulation using the classical Heisenberg model 64178
Sakurai, Y., Kozaki, T., Takatori, M., Abe, H., Nakano, Y., Takase, A. Key technologies for large scale ATM switching 98997
Sakurai, Y. *see* Houjoh, H. 100343
Sakurai, Y. *see* Shodai, T. 81677
Sakuta, H. *see* Ono, K. 119817
Sakuta, I. *see* Iwata, S. 92447
Sakuta, S., Youcef-Toumi, K. Angle sensor with STM. I. Error analysis and pitch measurement with two STM tips 79698
Sakuyama, A. *see* Nagai, N. 102923
Sala, D., Limb, J.O. A protocol for efficient transfer of data over fiber/cable systems 87460
Sala, D., Limb, J.O. Scheduling disciplines for HFC systems: what can we learn from ATM scheduling? 119232
Sala, D. *see* Limb, J.O. 118139
Sala, D. *see* Zanoni, E. 95074
Sala, R. *see* Rovetta, A. 80416
Sala, R. *see* Rovetta, A. 90549
Sala, R. *see* Spalvieri, A. 77547
Salabura, P. *see* Ditzel, E. 100992
Salace, G. *see* Aassime, A. 105507
Salaev, E.Yu. *see* Kadoi, L. 96615
Salaev, E.Yu. *see* Kasimov, R.M. 76407
Salagaj, T. *see* Yuan, C. 61205
Salagaj, T. *see* Yuan, C. 104063
Salah, A., Awadelkarim, O.O., Chan, Y.D., Werking, J. Inductive damage and the impact of RF power and magnetic field during MERIE processes 105987
Salah, W. *see* Dolique, J.-M. 90017
Salai, A. *see* Stuhlmuller, K.W. 86490
Salakhutdinov, I.F. *see* Dianov, E.M. 96664
Salam, F. *see* Erten, G. 103405
Salam, F.M., Hwa-Joon Oh Real-time tracking control using modular neural chips with on-chip learning 104755
Salam, F.M.A. *see* Gharbi, A.B.A. 73595
Salam, F.M.A. *see* Mak, P. 94744
Salam, Z., Goodman, C.J. Compensation of fluctuating DC link voltage for traction inverter drive 122052
Salama, A.E. Scaling of analogue-to-digital sigma-delta modulators 93533
Salama, A.E., Ali, A.K., Talkhan, E.A. Functional testing of pipelined processors 113998
Salama, C.A.T. *see* Aliahmad, M. 104328
Salama, C.A.T. *see* Chen, X.B. 63514
Salama, C.A.T. *see* Law, O.M.K. 93370
Salama, C.A.T. *see* Law, O.M.K. 93371
Salama, C.A.T. *see* Min Liu 105998
Salama, C.A.T. *see* Ranaweera, J. 73338
Salama, C.A.T. *see* Sowlati, T. 99197
Salama, C.A.T. *see* Sowlati, T. 114326
Salama, C.A.T. *see* Tang, Z.R. 63602
Salama, C.A.T., Williams, R.K. *(editors)* 8th International Symposium on Power Semiconductor Devices and ICs. ISPSD '96 Proceedings (Cat. No.96CH35883) 103301
Salama, H.F. *see* Damaskos, S. 98465
Salama, I. *see* Riad, S. 94131
Salama, M.M.A., Elsherbiny, M.M., Chow, Y.L. Calculation and interpretation of a grounding grid in two-layer earth with the synthetic-asymptote approach 70992
Salama, M.M.A., Sarfi, R., Chikhani, A.Y. Computer controlled fault current limiter (CCFCL) 121233
Salama, M.M.A. *see* Chow, Y.L. 102236
Salama, T. *see* Sowlati, T. 114301
Salamanca, G. *see* Carballal, D. 118649
Salamanca-Riba, L. *see* Chen, J.C. 92719
Salamanca-Riba, L. *see* Dhar, N.K. 82698
Salamanca-Riba, L. *see* Wu, B.J. 61220
Salamatin, A.V. *see* Briancon, C. 69880
Salamatin, A.V. *see* Brudanin, V.B. 110622
Salameh, Z.M. *see* Bagul, A.D. 71715
Salameh, Z.M. *see* Borowy, B.S. 81364
Salamh, D., Linton, D. New topology of the GaAs non-linear transmission line (NLTL) using microstrip line technology 85920
Salamitou, P. *see* Heinrichs, R.M. 120652
Salamitou, P. *see* Oh, D. 69139
Salamo, G. *see* Kos, K. 65520
Salamo, G. *see* Ming-Feng Shih 96646
Salamo, G. *see* Ming-Feng Shih 116650
Salamo, G.J. *see* Chauvet, M. 107606
Salamo, G.J. *see* Chauvet, M. 116652
Salamo, G.J. *see* Chen, K.Y. 104128
Salamon, D.D. *see* Nahman, J.M. 102266
Salamon, M.H. *see* Bird, D.J. 110586
Salamone, P.P. *see* Plies, J.B. 70346
Salamone, S. Life in the fast LANE [ATM application] 98978
Salamouras, N. *see* Kaltsas, G. 84298
Salaneck, W.R. *see* Rasmusson, J.R. 85312
Salanova, M.A. *see* Gutierrez, J.M. 82516
Salapura, V., Gschwind, M. Neural networks for interconnection area minimization 95106
Salapura, V. *see* Gschwind, M. 93638

Salari, E., Ling, Z. Texture segmentation using hierarchical wavelet decomposition 67148
Salas, B. *see* Laredo, J. 67872
Salas Manzanedo, B. *see* Dunlop, J. 119028
Salaschenko, N.N. *see* Gorbunov, A.A. 92917
Salaschenko, N.N. *see* Shkuratov, S.I. 73956
Salashchenko, N.N. *see* Blyakhman, Y. 64240
Salashchenko, N.N. *see* Shur, V.Ya. 95265
Salathe, R.P., Gilgen, H., Bodmer, G. Coupled-mode propagation in multicore fibers characterized by optical low-coherence reflectometry 100064
Salathe, R.P. *see* Nguyen Hong Ky 84996
Salathe, R.P. *see* Richerzhagen, B. 116600
Salatino, M. *see* Miller, G. 61653
Salaun, S. *see* de Matos, C. 75726
Salaun, S. *see* Ponchet, A. 61292
Salazaar, K.V. *see* Selvamanickam, V. 75330
Salazar, A. *see* Ocariz, A. 104243
Salazar, J., Turo, A., Espinosa, G., Garcia, M. A theoretical approach for short pulse generation using the double-pulse excitation 111381
Salazar, J. *see* Espinosa, G. 110280
Salazar, M.D. *see* LaFrate, P.J., Jr. 81246
Salazar, N. *see* Chin, R. 100054
Salazar, R.A. Using audio on the Internet for training purposes 103345
Salazar-Anaya, G., Urias, J. Noisy attractors of Markov maps 66220
Salazar-Palma, M., Garcia-Castillo, L.E., Gentili, G.G. A software package for accurate computation of frequency dependent propagation and circuital parameters of inhomogeneous anisotropic arbitrary shaped multiconductor transmission lines 76509
Salazar-Palma, M., Hernandez-Gil, J.-F. An infinite element for the finite element analysis of open transmission lines 116943
Salazar-Palma, M., Recio-Pelaez, J.-M. A convergence study of a self adaptive mesh algorithm 93093
Salazar-Palma, M. *see* Blanc-Castillo, F. 97268
Salazar-Palma, M. *see* Roy, T. 97092
Salazar-Palma, M. *see* Sarkar, T.K. 96880
Salazar-Palma, M. *see* Sarkar, T.K. 97058
Salbert, H. *see* Juengst, K.P. 100403
Saldana, C. *see* Calzolari, G. 111447
Saldana, C. *see* Calzolari, G. 112044
Saldana, F. *see* Calero, J. 89547
Saldanha, K.J. *see* Newhall, W.G. 116885
Saldanha, R.R., Vasconcelos, J.A., Moreira, A.N., Alvarenga, G.B. Optimization of the cross-sectional shape of a ridge waveguide using the ellipsoid and the tabu search algorithms 62150
Saldanha, R.R., Vasconcelos, J.A., Ramirez, J.A., Coulomb, J.L. A variant of the ellipsoid algorithm for shape optimization of electromagnetic devices 107803
Saldanha, R.R. *see* Vasconcelos, J.A. 112153
Saldin, E.L., Schneidmiller, E.A., Shimanskii, S.S., Ulyanov, Yu.N., Yurkov, M.V. Application of FEL technique for constructing high-intensity, monochromatic, polarized gamma-sources at storage rings 107393
Saldin, E.L., Schneidmiller, E.A., Ulyanov, Yu.N., Yurkov, M.V. Multi-stage FEL amplifier with diaphragm focusing line as direct energy driver for inertial confinement fusion 96550
Saldin, E.L., Schneidmiller, E.A., Yurkov, M.V. On a theory of an FEL amplifier with circular waveguide and guiding magnetic field 96519
Saldin, E.L., Schneidmiller, E.A., Yurkov, M.V. Some novel features of an FEL oscillator with tapered undulator 96539
Saldin, E.L., Schneidmiller, E.A., Yurkov, M.V. Analysis of the eigenvalue equation of the FEL amplifier with axisymmetric electron beam and diaphragm focusing line 96549
Saldin, E.L. *see* Brefeld, W. 96530
Saldin, E.L. *see* Dolbilov, G.V. 96490
Saldin, E.L. *see* Rossbach, J. 85546
Saldner, H.O. Phase-stepped television holographic technique for measuring phase and amplitude maps of small vibrations 96769
Saldner, H.O. *see* Mohan, N.K. 65546
Sale, F.R. *see* Fan, J. 115595
Sale, T.E., Roberts, J.S., Whitbread, N.D., Robson, P.N. Low-threshold piezoelectric-strained InGaAs-GaAs QW lasers grown on (211)B oriented GaAs substrates 85527
Saleem, A.S. *see* Raghavendiran, T.A. 111950
Saleem, M. *see* Saxena, A.K. 119834
Saleh, A.A.M. Overview of the MONET, Multiwavelength Optical Networking, program 88508
Saleh, A.A.M. *see* Kaminow, I.P. 77942
Saleh, A.A.M. *see* Sun, Y. 96141
Saleh, A.M. *see* Wagner, R.E. 78917
Saleh, B.E.A., Kanghua Lu The Fourier scope: an optical instrument for measuring LCD viewing-angle characteristics 69422
Saleh, B.E.A. *see* Hayat, M.M. 64849
Saleh, B.E.A. *see* Nakajima, N. 98191
Saleh, J. The weak elastic string and some applications in geodesy 80592
Saleh, K.I. *see* Hegazy, Y.G. 121445
Saleh, M., Abdelatif, N., Saddawi, S., Hussain, T.M. Simulation analysis of an ATM: access-node multiplexer with rate-based access control and bandwidth assignment 117992
Saleh, M., Atiquzzaman, M. Performance analysis of shared buffer ATM switches under hot spot traffic 78310
Saleh, M. *see* Issa, H. 119249
Saleh, M.B., El-Sherief, A.Y., Rizk, M.R.M., Aboul-Seoud, A.K. Evaluation of microwave GaAs MESFET performance 95050
Saleh, R. *see* Soto, C.P. 84516
Saleh, R.A. *see* Mueller, J.G. 73079
Salehfar, H. *see* Ortmeyer, T.H. 81025
Salehi, A. *see* Morgan, D.V. 71707
Salehi, J.D., Kurose, J.F., Towsley, D. The effectiveness of affinity-based scheduling in multiprocessor network protocol processing (extended version) 98773
Salehi, J.D., Zhi-Li Zhang, Kurose, J.F., Towsley, D. Supporting stored video: reducing rate variability and end-to-end resource requirements through optimal smoothing 78169
Salehi, M. Multiple-access channels with correlated sources – coding subject to a fidelity criterion 67544
Salehi, M. Improved computational efficiency in derivation of capacity regions in network information theory 108095
Salehi, M. *see* Aksu, H.A. 66518
Salehi, M. *see* Amanullah, A.S. 76775
Salehi, M. *see* Duman, T.M. 66226
Salehi, M. *see* Duman, T.M. 66727
Salehi, M. *see* Kurtas, E. 66350
Salem, F.A. A new accurate radar sensor incorporating matched frequency hopping spread spectrum (MFH/SS) technique for mobile robot target identification 88684
Salem, K. *see* Chungmin Chen 86365
Salem, S.A. *see* Abboudy, S. 94358
Salem-Sugui, S. *see* Medina, A.N. 64308
Salembier, P. Motion compensated partition coding 86496
Salembier, P., Brigger, P., Casas, J.R., Pardas, M. Morphological operators for image and video compression 77257
Salembier, P. *see* Morros, J.R. 86533
Salembier, P. *see* Oliveras, A. 86924
Salemi, A.H. *see* Sadeghi, S.H.H. 116821
Salerno, C.H., Camacho, J.R., Neto, L.M. Analysis of induction machine effects in the synchronous generator stability during a fault in the electrical system 103178
Salerno, J. *see* Calabrese, V. 118817
Salerno, J. *see* Liu, Y.-M. 100215
Salerno, J.P. Single crystal silicon AMLCDs 89311
Salerno, M., Sargeni, F., Bonaiuto, V. Measured results on cellular neural network by 3×3DPCNN chips: logic operations 114180
Salerno, N. *see* Aiello, G. 65657
Salerno, N. *see* Aiello, G. 96893
Salerno, N. *see* Aiello, G. 107712
Salerno, N. *see* Aiello, G. 107761
Salerno, N. *see* Alfonzetti, S. 107859
Salerno, P. *see* Beraldi, R. 68229
Salet, P. *see* Plais, A. 107318
Salewski, K.D., Wolfram, A., Bechstein, K.H., Fuchs, W. Absolute distance interferometry using variable synthetic wavelength 69488
Salgado, H.M., Castro, J.C.S., O'Reilly, J.J. Effect of gain compression on the FM nonlinear distortion in semiconductor lasers 65352
Salgado, H.M., O'Reilly, J.J. Accurate performance modeling of subcarrier multiplexed fiber/radio systems: implications of laser nonlinear distortion and wide dynamic range 99362
Salgado, H.M., O'Reilly, J.J. Experimental validation of Volterra series nonlinear modelling for microwave subcarrier optical systems 109676
Salgado, H.M. *see* Castro, J.C.S. 65292
Salgado, L. *see* Menendez, J.M. 98120
Salgado, R., Medeiros, A.D.R. Power flow solutions with intermediate control adjustments 101909
Salganicoff, M. *see* Shoupu Chen 101441
Salge, J.G.H. *see* Kutzner, R. 76328
Sali, R., Harsanyi, G. Percolation effect in thick film superconductors (using a Bi(Pb)SrCaCuO based paste to prepare a superconducting planar transformer) 113540
Sali, S. *see* Awan, S.A. 95435
Sali, S. *see* Ponnekanti, S. 99278
Salib, M. *see* Gupta, A. 104859
Salib, M.S. *see* Kono, J. 62964
Saliba, Y. *see* Chedid, R. 91014
Saliba, Y.E. *see* Karaki, S.H. 80774
Salibra, A., Scollo, G. Interpolation and compactness in categories of pre-institutions 82514
Salice, F. *see* Basaglia, A. 73614
Salichs, M.A. *see* de la Escalera, A. 100313
Salicio, J.M. *see* Arefiev, A. 69787
Salicio, J.M. *see* Arefiev, A. 100805
Saligram, U. *see* Tepley, N. 110674
Salih, A.J., Lau, S.P., Marshall, J.M., Maud, J.M., Bowen, W.R., Hilal, N., Lovitt, R.W., Williams, P.M. Improved thin films of pentacene via pulsed laser deposition at elevated substrate temperatures 113462
Salih, M., Tantaratana, S. A closed-loop coherent acquisition scheme for PN sequences using an auxiliary sequence 118788
Salikhov, Kh.M. *see* Slobodchikov, S.V. 63166
Salikhov, Kh.M. *see* Slobodchikov, S.V. 114682
Salim, G.A., Choudhry, M.A., Ellithy, K.A. Dynamic compensator design for HV AC power system using artificial neural networks 70659
Salim, S. *see* Wang, C.A. 61206
Salim, U. *see* Partovi, H. 73251
Salimbeni, R. Beam quality issues in CVL applications 116385
Saliminia, A., Parvin, P., Zare, A., Sadighi, P. The small signal gain and the saturation intensity measurement of the nitrogen ion laser 65029
Salimov, F.I. *see* Bukharaev, R.G. 67185
Salin, F. *see* Curley, P.F. 107219
Salin, F. *see* Le Blanc, C. 96229
Salin, F. *see* Le Blanc, C. 116457
Salin, F. *see* Loiseaux, B. 76302
Salina, G. *see* Badoni, D. 83291
Salinas, A. *see* Girard, T.A. 80093
Salinas, J., Yinan Shen, Lombardi, F. A sweeping line approach to interconnect testing 104440
Salinas, L.Seidel *see* Seidel Salinas, L.
Salinas, R., Barbieri, E., Drakunov, S. Time sub-optimal/sliding mode controller for a flexible structure 71333
Salinas, R., Richardson, C., Abidi, M.A., Gonzalez, R.C., Vega, M. Robotic sensory data fusion: a regularized color edge detection approach 77541
Salinas, R.A. *see* Richardson, C. 66978
Salinas, R.Alberto *see* Alberto Salinas, R.
Saliou, A. *see* Mahieux, Y. 79193
Salis, G. *see* Mayer, F. 79328
Salisbury, M.S. *see* Overbeck, J.A. 70574
Salishchev, V.A., Dvorkin, V.V., Vinogradov, A.A., Bukreev, A.V. Station for monitoring GLONASS and GPS radionavigation fields and determining differential corrections 109830
Salivahanan, S., Suresh Kumar, N.S., Vallavaraj, A. Effects of lightning 81161
Salkauskas, K. *see* Bos, L.P. 82526
Salkinoja-Salonen, M. *see* Mentu, J. 70531
Sall, N., Waltersten, T. Retrofit for 20 years old reactor in the Oskarshamn 1 nuclear power plant 91293
Sallaerts, D. *see* Wenin, J. 77805
Sallagoity, P., Ada-Hanifi, M., Paoli, M., Haond, M. Analysis of parasitic effects in advanced isolation schemes for deep submicron CMOS technologies 84573
Sallai, G., Schmideg, I., Lajtha, G. Telecommunications in central and eastern Europe 98539
Sallam, A.A., Aboul-Ela, M.E., Elaraby, E.E. Monitoring and control of voltage stability in power systems 80821
Sallam, A.A. *see* Aboul-Ela, M.E. 70725
Sallan, J. *see* Sanz, M. 112075
Salle, C. Ancillary services: an overview 91005
Salle, C. Ancillary services: the Spanish perspective [electricity supply] 91010
Salle, J.M. *see* Poivey, C. 73462
Salle, J.M. *see* Poivey, C. 104598
Salleh, M. *see* Edwards, C. 61488
Sallent, J. *see* Bosch, S. 108491
Sallent, S. *see* Sola, M.A. 66736
Salles, A.A.A.de *see* de Salles, A.A.A.
Salles, A.A.de *see* de Salles, A.A.
Salles, Ph. *see* Faye, M.M. 114881
Salling, C.T. Direct patterning of Si(001) surfaces by atomic manipulation 64006
Salloum, A. *see* Pupolin, S. 99083
Salloum, H.R. Delay performance for ATM-based fiber to the curb systems 87978
Sallustio, D. *see* Cannistra, C. 102711
Salm, C., van Veen, D.T., Holleman, J., Woerlee, P.H. Electrical characteristics of B$^+$ and BF$_2^+$ implanted poly-Si and poly-Ge$_x$Si$_{1-x}$ as gate material for sub-0.25 μm applications 84531
Salman, B.G., McCowen, A. A comparative study of the computation of near-field scattering from resonant dielectric/PEC scatterers 65780
Salman, B.G., McCowen, A. The CFIE technique applied to finite-size planar and non-planar microstrip antenna 66012
Salman, E.G. *see* Fainer, N.I. 113426
Salman, E.G. *see* Kostsova, N.E. 105519
Salman, S., Smith, K.S., Stewart, I.D. Measurement of synchronous machine parameters; a practical experience 102655
Salman, S.K., Jiang, F., Rogers, W.J.S., Borrill, A. Investigation of the effect of AVC relay settings on the power losses of distribution networks with embedded generation 91139
Salmanov, V. *see* Kalafi, M. 115985
Salmela, P., Kuusisto, S., Saarinen, J., Laurila, K., Haavisto, P. Isolated spoken number recognition with hybrid of self-organizing map and multilayer perceptron 108210
Salmelin, R. *see* Portin, K. 80356
Salmer, G. *see* Allam, R. 83525
Salmer, G. *see* Langrez, D. 62268
Salmeri, M. *see* Badoni, D. 83291
Salmeri, M. *see* Bertazzoni, S. 83287
Salmin, S.V. *see* Shipitsyn, V.V. 71565
Salminen, J. *see* Ahlback, J. 90044
Salminen, J. *see* Perin, R. 90045
Salminen, O. *see* Ozols, A. 96766
Salminen, O. *see* Pashkevich, V. 96762
Salminen, O. *see* Riihola, P. 76305
Salmini, G. *see* Magistrali, F. 96416
Salmon, J.C. Reliable 3-phase PWM boost rectifiers employing a stacked dual boost converter subtopology 71544

Salmon, J.C. Operating a three-phase diode rectifier with a low-input current distortion using a series-connected dual boost converter 81574

Salmon, J.T., Bliss, E.S., Byrd, J.L., Feldman, M., Kartz, M.A., Toeppen, J.S., Van Wonterghem, B., Winters, S.E. An adaptive optics system for solid-state laser sytems used in inertial confinement fusion 85552

Salmon, P. *see* Chupeau, B. 67124

Salmon, R.A. Progress in plasma display panels for HDTV 119440

Salmon, W. *see* Van Slyke, M.A. 110866

Salmond, D. *see* Gordon, N. 108376

Salnick, A., Mandelis, A. Hamiltonian plasma-harmonic oscillator theory: Generalized depth profilometry of electronically continuously inhomogeneous semiconductors and the inverse problem 114567

Salnick, A., Mandelis, A., Jean, C. Noncontact measurement of transport properties of long-bulk-carrier-lifetime Si wafers using photothermal radiometry 114582

Salnikov, A.A. *see* Bosi, F. 90134

Salo, M. *see* Chang, T. 115710

Salokatve, A., Toivonen, M., Asonen, H., Pessa, M., Likonen, J. Electron beam evaporated carbon doping of InGaAs layers grown by gas source molecular beam epitaxy 94727

Salokatve, A. *see* Aherne, T. 76080

Salokatve, A. *see* Rakennus, K. 74228

Salokatve, A. *see* Savolainen, P. 107277

Salokatve, A. *see* Toivonen, M. 92778

Saloma, C., Matsuoka, K., Kawata, S. Optical thickness profiling using a semiconductor laser confocal microscope 79748

Saloma, C. *see* Soriano, M. 90399

Salomaa, A. *see* Cunsheng Ding 76727

Salomaa, M.M. *see* Fagerholm, J. 106444

Salomao, J.C.S. *see* Massaud, A.G. 111551

Salomatina, N.V. *see* Kel'manov, A.V. 66582

Salomon, C., Clairon, A., Laurent, P., Santarelli, G., Ghezali, S., Bahoura, M., Lemonde, P., Reichel, J., Michaud, A. Ultracold atoms and micro-gravity clocks 89521

Salomon, H. *see* Fransson, M. 102387

Salomon, J. *see* Calligaro, T. 100381

Salomon, M., Crowe, K., Faszer, W., Lindsay, P., Curran Maier, J.M. Gas-microstrip detectors based on flexible printed circuit technology 80032

Salomon, M., Crowe, K., Faszer, W., Lindsay, P., Maier, J.M.C. Gas microstrip detectors based on flexible printed circuit 100852

Salomon, M. *see* Walker, C.W., Jr. 71616

Salomon, R. Implicit independence assumptions: a notorious problem for genetic algorithms 92499

Salomonson, V.V. *see* Riggs, G. 120812

Salomonsson, G. *see* Hansson, M. 110842

Salomonsson, G. *see* Wahlberg, P. 120453

Salon, S. *see* Plantive, E. 121462

Salon, S.J., Bhatia, S., Burow, D.W. Some aspects of torque calculations in electrical machines 111897

Salon, S.J., Bhatia, S., Burow, D.W. The convergence of flux density in the air gap of induction motors 121489

Salon, S.J. *see* Kyung Choi 65956

Salon, S.J. *see* Ovacik, L. 116818

Salon, S.J. *see* Pham, T.H. 116822

Salon, S.J. *see* Tahani, A. 85795

Salonen, E.T. *see* van de Kamp, M.M.J.L. 76416

Salonen, E.T. *see* van de Kamp, M.M.J.L. 107879

Salonen, E.T. *see* Wei Zhang 107882

Salonen, E.T. *see* Zhang, W. 97094

Salonen, J., Koski, A., Cameron, F., Forsman, K., Kettunen, L. Solving dense nonsymmetric linear systems arising from integral formulations 61080

Salonen, J. *see* Soderlund, L. 102524

Salotti, M. *see* Bellet, F. 67043

Salous, S., Ong, C.K. FPGA-based hybrid accumulator architecture for digital chirp synthesis 61671

Salovarda, F. *see* Mateljan, Z. 98936

Salowe, J.S. Very fast SAR detection 119288

Salpala, A. *see* Eskelinen, P. 82961

Salpala, A. *see* Eskelinen, P. 94114

Salpietro, E. *see* Iida, F. 95520

Salpietro, E. *see* Libeyre, P. 95518

Salsano, A. *see* Badoni, D. 83291

Salsano, A. *see* Bertazzoni, S. 83287

Salsano, S. *see* Cipriani, L. 78199

Salsano, S. *see* Listanti, M. 67899

Salt, J.E. *see* Li Yu 119017

Saltelli, A. *see* Homma, T. 60700

Salter, D.C. *see* Ablett, S. 80286

Salter, M.J. *see* Alexander, M.J. 85990

Saltiel, S. *see* Amy-Klein, A. 96720

Saltiel, S. *see* Buchvarov, I. 107182

Saltwick, S. Competing or complementary technologies? [cable TV and telephone networks] 98606

Saltz, J. *see* Shock, C.T. 66864

Saltzberg, B.R. *see* Herzberg, H. 66359

Saltzberg, M.A., Neller, A.L., Harvey, C.S., Borninski, T.E., Gordon, R.J. Using polymer thick film for cost-effective EMC protection on PCBs for automotive applications 65899

Saltzman, M. *see* Tapia, R. 103763

Saluja, G.S., Douglas, N.G. Survey of wind energy resource and planning issues for Tayside, Scotland 102591

Saluja, G.S. *see* Douglas, N.G. 91404

Saluja, K. *see* Mujumdar, A. 113887

Saluja, K.K. *see* Franklin, M. 104544

Saluja, K.K. *see* Kyuchull Kim 93270

Saluja, K.K. *see* Lambert, T.J. 93325

Saluja, K.K. *see* Nachman, L. 93237

Salukvadze, M.E. *see* Zhukovskiy, V.I. 92506

Salunin, N.I., Plashkin, E.I., Nikulenkov, E.V., Filkin, V.Y., Nikulin, A.D., Zelenskiy, G.K., Vedemikov, G.P., Drobishev, V.A., Potanina, L.V., Yakovlev, B.V., Oskolkov, E.A., Marakulin, A.V. Superconducting wires for NMR-application 95424

Salupo, C. *see* Beheim, G. 94731

Salut, G. *see* Monin, A. 108311

Salvaderi, L. *see* Weber, E. 102001

Salvador, A. *see* Grann, E.D. 62830

Salvador, A. *see* Li, J.Z. 105153

Salvador, A. *see* Look, D.C. 74262

Salvador, A. *see* Look, D.C. 105162

Salvador, A. *see* Mohammad, S.N. 106077

Salvador, A. *see* Smith, M. 114774

Salvador, A. *see* Song, J.J. 96330

Salvador, A. *see* Wook Kim 74138

Salvador, A. *see* Wook Kim 83855

Salvador, A. *see* Zhifang Fan 95067

Salvador, C. *see* Avitabile, G. 85988

Salvador, J.P. *see* Roberge, P.R. 112212

Salvador, N., Jr. *see* De Azevedo, H.R. 121448

Salvador, R. *see* Bourquard, A. 95524

Salvaggio, J.L. China's emerging telecommunications infrastructure: market analysis and social impact 87552

Salvalaio, E. *see* Bedin, R. 100983

Salvalaio, E. *see* Ero, J. 100948

Salvato, G. *see* Cotronei, M. 98300

Salvato, G. *see* Iannizzotto, G. 98152

Salvatore, R.A., Sanders, S., Schrans, T., Yariv, A. Supermodes of high-repetition-rate passively mode-locked semiconductor lasers 65347

Salvatore, R.A. *see* Eliyahu, D. 96172

Salvatori, S., Vincenzoni, R., Rossi, M.C., Galluzzi, F., Pinzari, F., Cappelli, E., Ascarelli, P. Metal-semiconductor-metal photodiodes based on CVD diamond films 85279

Salvatori, S., Vincenzoni, R., Rossi, M.C., Galluzzi, F., Pinzari, F., Mattei, G., Cappelli, E., Ascarelli, P. Electrical and photoelectrical characterization of diamond-on-silicon structures 114690

Salvendy, G. *see* Ukita, A. 94104

Salvetti, G. *see* Tonelli, M. 96167

Salvetti, O., Braccini, G., Evangelista, R., Freschi, M. An intelligent system for the diagnosis of complex images 77506

Salvi, V.P. *see* Ali, Y.P. 105180

Salvia, A.A. Some results on discrete mean residual life 113019

Salvia, M. *see* Gobin, P. 92974

Salvia, M. *see* Gobin, P.-F. 113552

Salviati, G. *see* Nasi, L. 72865

Salviati, G. *see* Rigo, C. 103951

Salviati, G. *see* Zeng, W. 92723

Salvini, A. *see* Del Vecchio, P. 91218

Salvini, A. *see* Geri, A. 102166

Salvini, A. *see* Geri, A. 121903

Salvini, P. *see* Agnello, M. 110583

Salvo, L.De *see* De Salvo, L.

Salyamekh, S.S. Optimization of algorithms for integrated processing of pulsed radio signals with asynchronous measurements at different clock rates 108278

Salyanov, V.I. *see* Yevdokimov, Yu.M. 110227

Salza, P.L., Foti, E., Nebbia, L., Oreglia, M. MOS and pair comparison combined methods for quality evaluation of text-to-speech systems 108203

Salzenstein, P. *see* Lheurette, E. 84303

Salzmann, A. *see* Zimmermann, G. 61223

Salzmann, Q.R. *see* Rieder, W.F. 104918

Salzwedel, H. *see* Keller, H. 118876

Salzwedel, H. *see* Schorcht, G. 116889

Sam Ben-Yaakov, Gulko, M., Giter, A. The simplest electronic ballast for HID lamps 71887

Sam Ha Dong *see* Dong Sam Ha

Sam Kyu Noh *see* Jong Seol Yuk 105274

Sam Lee Jhong *see* Jhong Sam Lee

Sam Shanmugan, K. *see* Sivaprakasam, S. 78512

Sam-Kwon Choi *see* Hyung-Jong Lee 85627

Sam-Kyu Noh *see* Hwack Joo Lee 82608

Samadani, R. *see* Gille, J. 89396

Samadani, R. *see* Larimer, J. 100197

Samadi, S., Nishihara, A., Fujii, N. Multiplierless arrays for realization of lowpass and highpass linear phase FIR digital filters 114114

Samal, A. *see* Kess, B.L. 120701

Samal, M. *see* Backfrieder, W. 101139

Samalam, V.K. *see* Chen, T.M. 67532

Samalam, V.K. *see* Chen, T.M. 118254

Samann, D. Power switches in industrial plants 103175

Samanta, P., Sarkar, C.K. Trapped hole induced MOS device degradation during FN stress 106241

Samanta, S.K. *see* Chattopadhyay, K.C. 60859

Samanta Roy, R.I., Hastings, D.E., Taylor, S. Three-dimensional plasma particle-in-cell calculations of ion thruster backflow contamination 120644

Samar, R. *see* Postlethwaite, I. 80578

Samara, D., Williamson, J.R., Shih, C.K., Banerjee, S.K. Scanning tunneling microscopy induced chemical-vapor deposition of semiconductor quantum dots 61425

Samara, G.A., Bauer, F. The role of high pressure in the study and applications of the ferroelectric polymer polyvinylidene fluoride and its copolymers 106346

Samarajiva, R. *see* Mukherjee, R. 118288

Samarasekara, P., Rani, R., Cadieu, F.J., Shaheen, S.A. Variable texture $NiOFe_2O_3$ ferrite films prepared by pulsed laser deposition 64335

Samarasinghe, V.G.D.C., Pahalawaththa, N.C. Design of a robust variable structure controller for improving power system dynamic stability 121020

Samarasinghe, V.G.D.C., Pahalawaththa, N.C., Annakkage, U.D. A universal variable structure stabilizer for power system stability 80888

Samarasinghe, V.G.D.C., Pahalawaththa, N.C., Annakkage, U.D. A universal variable structure stabilizer for power system stability 111496

Samarasooriya, V.N.S., Varshney, P.K. Sequential approach to asynchronous decision fusion 66802

Samaraweera, N.K.G., Fairhurst, G. Robust data link protocols for connectionless service over satellite links 118152

Samarinas, A.S., Mitrakos, D.K. Optimal rate control over DQDB networks with applications to voice packet transmission 118505

Samarkin, V.V., Novodvorsky, O.A., Sagdeev, R.Ya., Shishkov, A.V., Yakunin, V.P. Investigation of industrial CO_2 laser beam characteristics with intracavity modulator 107084

Samarth, N. *see* Joungchel Lee 114761

Samarth, N. *see* Levy, J. 74329

Samarth, N. *see* Smorchkova, I. 105343

Samartsev, V.V. *see* Kalachev, A.V. 95653

Samaulah, H. *see* Sugawara, A. 112151

Sambanis, A. *see* Tziampazis, E. 70240

Sambe, Y. *see* Nonaka, S. 67431

Sambell, A. *see* Vlasits, T. 99388

Sambell, A. *see* Vlasits, T. 117031

Sambhwani, S. *see* Ginesta, X. 86753

Samblanx, G.De *see* De Samblanx, G.

Sambles, J.R. *see* Harris, J.B. 85136

Sambles, J.R. *see* Harris, J.B. 116846

Sambo, A. *see* Gonella, F. 75555

Sambridge, M. *see* Shibutani, T. 111076

Sambyal, S.S. *see* Aggarwal, M.M. 69839

Samedov, R. *see* Vertiy, A.A. 79659

Samejima, S., Nakashima, H., Okada, K. Satellite communications in the multimedia era 109227

Samejima, T. *see* Nakahira, T. 116118

Samel, S., Gyselinckx, B., Bolsens, I., De Man, H. Designing systems on silicon: a digital spread spectrum pager 99387

Samelis, A. *see* Sawdai, D. 93851

Sameshima, H., Saba, T., Park, D.-Y., Mori, S. Fast switching frequency synthesizer for measuring instruments achieving fine frequency resolution with a simple structure 100173

Sameshima, K. *see* Kubota, M. 99753

Sameshima, K. *see* Kubota, M. 109902

Sameshima, K. *see* Nakano, Y. 119739

Sameshima, K. *see* Takeuchi, Y. 118331

Sameshima, T. Laser beam application to thin film transistors 92862

Sameshima, T., Sunaga, Y., Takashima, N., Tajima, A. Rapid thermal annealing using the combustion of H_2 with N_2O 94667

Samet, A. *see* Gharsallah, A. 65992

Samet, D. *see* Monderer, D. 113091

Sameti, H. *see* Deng, L. 86152

Sami, M. *see* Antola, A. 113881

Sami, S. *see* Ludovic, S. 121501

Samimy, B., Rizzoni, G. Mechanical signature analysis using time-frequency signal processing: application to internal combustion engine knock detection 108281

Saminadayar, K. *see* Baron, T. 74203

Samir Patel *see* Donnelly, K. 74851

Samisone, J. *see* Bice, S.D. 87574

Samitier, J. *see* Lopez-Lapena, O. 109324

Samitier, J. *see* Lopez-Villegas, J.M. 94304

Samitier, J. *see* Marco, S. 110654

Samitier, J. *see* Ruiz, O. 69072

Samitsu, Y. A study of polishing of silicon wafers and processing by an AFM using tetra-methyl-ammonium-hydroxide (TMAH) 84167

Samlenski, R., Haug, C., Brenn, R., Wild, C., Locher, R., Koidl, P. Characterisation and lattice location of nitrogen and boron in homoepitaxial CVD diamond 92740

Sammakia, B.G. *see* Subbarayan, G. 114449

Samman, A. *see* Rimai, L. 104039

Sammartino, M.P. *see* Campanella, L. 119941

Sammes, N. *see* Ting-Lian Wen 81796

Sammes, N. *see* Yamamoto, O. 81791

Sammes, N.M., Cai, Z.H. A new dielectric ceramic based on $Pb(Ti_xZr_{1-x})O_3$ 95243

Sammes, N.M., Phillipps, M.B., Yamamoto, O. Transition metal B-site substituted lanthanum manganite SOFC cathode materials 81797

Sammes, N.M., Ratnaraj, R., Hatchwell, C.E. High temperature mechanical properties of calendar-rolled lanthanum chromite interconnect material 81844

Sammouda, R., Niki, N., Nishitani, H. A comparison of Hopfield neural network and Boltzmann machine in segmenting MR images of the brain 101146

Samms, S.R., Wasmus, S., Savinell, R.F. Thermal stability of proton conducting acid doped

polybenzimidazole in simulated fuel cell environments 71680
Samms, S.R., Wasmus, S., Savinell, R.F. Thermal stability of Nafion in simulated fuel cell environments 71685
Sammueller, R. Data on the move 109412
Sammut, R.A. *see* Ansari, N.A. 96628
Samoc, A. *see* Beltrami, D.R. 75657
Samoc, A. *see* Luther-Davies, B. 116618
Samoc, A. *see* Samoc, M. 116647
Samoc, M., Samoc, A., Luther-Davies, B., Woodruff, M. The concept of guiding light with light and negative third-order optical nonlinearities of organics 116647
Samoc, M. *see* Beltrami, D.R. 75657
Samoc, M. *see* Luther-Davies, B. 116618
Samoilenko, S.I. *see* Pranevicius, H. 98709
Samoilov, I.S. *see* Amirov, R.H. 80680
Samoilov, N.A., Frolov, A.N., Shutov, S.V. Operational estimate of the impurity concentration in the emitter in designing n-p-n drift transistors 74697
Samoilov, V.B. *see* Kladkevich, M.D. 119730
Samokhvalov, M.K. Properties of zinc sulfide luminophores in thin-film structures 74254
Samokhvalov, M.K. *see* Brigadnov, I.Yu. 69388
Samokish, B.A. *see* Babich, V.M. 65762
Samori, C. *see* Cova, S. 69116
Samori, J.Ould *see* Ould Samori, J.
Samorodov, G.I. Four-phase power transmission 80989
Samorodov, G.I. *see* Bushuev, V.V. 80981
Samoska, L. *see* Bhattacharya, U. 84349
Samoska, L.A. *see* Johnson, J.L. 95985
Samoto, N. *see* Ando, Y. 63783
Samoto, N. *see* Nakayama, T. 63771
Samoto, N. *see* Yoshino, H. 105775
Samotyj, M. *see* Dabbs, B. 70860
Samotyj, M. *see* McGranaghan, M. 70811
Samouylov, K. *see* Martikainen, O. 98881
Sampaio, E.E.S., Carrion, P.M. Electromagnetic fields about a flat circular electrode 90746
Sampaio, J.F. *see* Neves, B.R.A. 94874
Sampaio, J.F. *see* Neves, B.R.A. 114702
Sampaio, R.J.B.de *see* de Sampaio, R.J.B.
Sampath, A., Mandayam, N.B., Holtzman, J.M. Analysis of an access control mechanism for data traffic in an integrated voice/data wireless CDMA system 118958
Sampath, A., Sarath Kumar, P., Holtzman, J.M. Power control and resource management for a multimedia CDMA wireless system 87964
Sampath, A. *see* Moustakas, T.D. 104058
Sampathkumar, N. *see* Chandrasekhar, B.K. 72956
Sampathkumar, V.S. *see* Muthu, C. 72426
Sampayan, S., Caporaso, G., Carder, B., Chen, Y., Holmes, C., Lauer, E., Trimble, D., Elizondo, J., Krogh, M., Rosenblum, B., Eichenberger, C., Fockler, J. High gradient insulator technology for the dielectric wall accelerator 89780
Sampayan, S., Caporaso, G., Carder, B., Norton, M., Trimble, D., Elizondo, J. Optically induced surface flashover switching for the dielectric wall accelerator 89616
Sampayan, S., Caporaso, G., Trimble, D., Westenskow, G. Emission, plasma formation, and brightness of a PZT ferroelectric cathode 83687
Sampayan, S. *see* Westenskow, G. 89715
Sampei, M., Magoroku, H., Hatano, M. Operating experience of Hokkaido-Honshu high voltage direct current link 121099
Sampei, S. *see* Abeta, S. 68210
Sampei, S. *see* Abeta, S. 78426
Sampei, S. *see* Abeta, S. 108816
Sampei, S. *see* Ikeda, T. 77702
Sampei, S. *see* Jae Woo Jeong 78562
Sampei, S. *see* Kamio, Y. 68236
Sampei, S. *see* Kamio, Y. 99087
Sampei, S. *see* Kamio, Y. 118993
Sampei, S. *see* Matsuoka, H. 68183
Sampei, S. *see* Matsuoka, H. 108183
Sampei, S. *see* Otsuki, S. 68178
Sampei, S. *see* Otsuki, S. 78532
Sampei, S. *see* Otsuki, S. 99368
Sampei, S. *see* Suzuki, T. 68264
Sampei, S. *see* Suzuki, T. 118874
Sampei, S. *see* Ue, T. 109475
Sampei, T. *see* Iwata, H. 78294
Sampietro, M., Fasoli, L., Bertuccio, G. Source follower or charge amplifier? An experimental comparison using a detector with integrated electronics 100971
Sampietro, M. *see* Bertuccio, G. 110555
Sampietro, M. *see* Faschingbauer, U. 110557
Sampietro, M. *see* Fasoli, L. 79557
Sampietro, M. *see* Fasoli, L. 90196
Sampietro, M. *see* Lechner, P. 110554
Sample, D.R., Brown, P.W., Dougherty, J.P. Microstructural evolution of copper thick films observed by environmental scanning electron microscopy 83633
Sampsell, J.B. An overview of the performance envelope of digital-micromirror-device-based projection display systems 89422
Sampson, D.D. *see* Cahill, M.J.L. 76010
Sampson, D.D. *see* Keating, A.J. 78764
Sampson, D.D. *see* Nguyen, L.V.T. 85539
Sampson, D.D. *see* Pendock, G.J. 78756
Sampson, D.D. *see* Pendock, G.J. 119186
Sampson, D.G. *see* da Silva, E.A.B. 97901
Sampson, M.W. *see* Kalafala, A.K. 102820
Sampson, N. *see* Molina, C. 108365
Sampson, P.L. *see* Baynham, D.E. 90035
Sampson, P.L. *see* Baynham, D.E. 95580
Sampson, P.L. *see* Fabbricatore, P. 90191
Sampson, W. *see* Greene, A. 90033
Sampson, W. *see* Morgillo, A. 100448
Sampson, W. *see* Thompson, P. 100412
Sampson, W. *see* Wanderer, P. 89783
Samra, A.H. *see* Islam, M.S. 111938
Samra, T.S. *see* Bergen, D.E. 107658
Sams, J. Broadband powering methods: a natural engineering choice 121560
Samsel, R. *see* Enge, P. 88759
Samson, B.N. *see* Loh, W.H. 75863
Samson, B.N. *see* Marchese, D. 64605
Samson, B.N. *see* Schweizer, T. 116418
Samson, J.R., Jr., Grimm, D., Morrill, K., Andresen, T. STAP performance on a Paragon™/Touchstone system 109789
Samson, S., Wuhong Li, Tavlykaev, R., Ramaswamy, R. Electro-optic measurements using a Mach-Zehnder interferometer with domain reversals 116107
Samson See Chong Meng *see* Chong Meng Samson See
Samsonenko, Yu.B. *see* Guryanov, G.M. 83938
Samsonov, A.N., Spektor, A.A. Recurrent filtering of Gaussian multidimensional signals against a background of interference 108276
Samsonov, N.S. *see* Bashkin, M.O. 72934
Samsonov, S.V., Bratman, V.L., Manuilov, V.N. A method of forming a high-quality electron beam for free electron masers 96084
Samsonov, S.V. *see* Bratman, V.L. 96081
Samsonov, S.V. *see* Bratman, V.L. 107030
Samsonov, S.V. *see* Denisov, G.G. 65009
Samsonov, S.V. *see* Peskov, N.Yu. 96083
Samsonova, T.P. *see* Ivanov, P.A. 104055
Samsonova, Yu.I. *see* Belyakov-Bodin, V.I. 79985
Samsonova, Yu.I. *see* Belyakov-Bodin, V.I. 120120
Samu, T., Sadjadi, F., Hall, E. Three dimensional moment invariants for automated target recognition 86942
Samudra, G. *see* Arkadan, A.A. 63732
Samudravijaya, K. *see* Krishnan, S. 86947
Samuel, I.D.W. *see* Gruener, J. 75701
Samuel, I.D.W. *see* Ledoux, I. 76243
Samuel, M.S. Fuzzy Daniell integral I 92465
Samuel, R. *see* Escher, U. 84877
Samueli, H. *see* Hawley, R.A. 62036
Samueli, H. *see* Huan-Chang Liu 68139
Samueli, H. *see* Jind-Yeh Lee 118902
Samueli, H. *see* Min, J. 109429
Samueli, H. *see* Rofougaran, A. 118768
Samuels, F.L.N. In the beginning (of the British Calibration Service) 68964
Samuels, U., Kreitlow, H., Wright, S.C., Budzinski, Ch., Tiziani, H.J. Precise wavelength tuning of a dye laser using an active diffractive optical element 116590
Samuelsberg, A., Hjertager, B.H. An experimental and numerical study of flow patterns in a circulating fluidized bed reactor 71100
Samuelsen, M.R. *see* Hattel, S.A. 115940
Samuelson, L., Gustafsson, A. Observation and imaging of individual impurities in quantum structures using cathodoluminescence 62868
Samuelson, L. *see* Anand, S. 94329
Samuelson, L. *see* Hessman, D. 94497
Samuelson, L. *see* Junno, B. 103868
Samuelson, L. *see* Kowalski, B. 63000
Samuelson, L. *see* Miller, M.S. 61291
Samuelson, L. *see* Miller, M.S. 103940
Samuelson, L. *see* Miller, M.S. 113298
Samuelson, L. *see* Omling, P. 83935
Samuelson, L. *see* Pettersson, H. 63022
Samuelson, L. *see* Pistol, M.-E. 63027
Samuelson, L. *see* Ramvall, P. 105339
Samuelson, L. *see* Seifert, W. 105375
Samuelson, L. *see* Zorn, M. 105147
Samuelsson, J.O. *see* Alonso, J.L. 91084
Samuelsson, O., Eliasson, B., Olsson, G. Power oscillation damping with controlled active loads 101968
Samuila, A. *see* Dascalescu, L. 107742
Samuila, A. *see* Rafiroiu, D. 76354
Samukawa, S., Ohtake, H., Mieno, T. Pulse-time-modulated ECR plasma discharge for highly selective, highly anisotropic and charge-free etching 84121
Samukawa, S., Tsukada, T. Effects of electron temperature in high-density Cl_2 plasma for precise etching processes 94781
Samukawa, S. *see* Ochiai, B.Y. 84365
Samukawa, S. *see* Yokozawa, A. 74551
Samwel, E.O., Bijl, D.B., Lodder, J.C., Popma, T.J.A. Intrinsic angular investigations on metal evaporated tapes 106541
Samwell, R. *see* Elders, I.M. 111478
Samwer, K. *see* Dietrich, S. 84207
Samwer, K. *see* Lorenz, T. 64357
Samy, R. HISPARS: high speed pattern analysis and representation system 101631
Samy, R., Bonnet, J.-F. Robust and incremental active contour models for objects tracking 98212
San Emeterio, J.L., Ullate, L.G., Ramos, A. Ultrasonic radiation from echographic linear array transducer elements 120681
San Jose, A. *see* Manuel, A. 109991
San Ling *see* Kwok-Yan Lam 108161
San Martin, R., Knight, J.P. Optimizing power in ASIC behavioral synthesis 61566
San Miguel, M. *see* Ciuchi, S. 75779
San Miguel, M. *see* Homar, M. 76033
San Miguel, M. *see* Homar, M. 116559
San Miguel, M. *see* Lopez, F.J. 72544
San Miguel, M. *see* Martin-Regalado, J. 96338
San Miguel, M. *see* van Tartwijk, G.H.M. 76001
San-Huang Ke, Kai-Ming Zhang, Xi-De Xie Valence-band offsets and different band-gap behaviors of (β-GaN)/(β-AlN) superlattice and (α-GaN)/(α-AlN) superlattice 105347
San-Kuen Chan, Horner, A. Discrete summation synthesis of musical instrument tones using genetic algorithms 109965
San-Qi Li *see* Kulkarni, L.A. 77717
San-Qi Li *see* Kulkarni, L.A. 118049
San-Qi Li *see* Wing-Cheong Lau 78236
San-Qi Li *see* Wing-Cheong Lau 87509
San-qi Li *see* Yonghwan Kim 87397
San-Xia Gong *see* Yongqiang Wang 106325
San-Yi Lee, Wei-Nan Chang, Chi-Jui Wu A compact algorithm for three-phase three-wire system reactive power compensation and load balancing 80824
Sana, P. *see* Rohatgi, A. 112346
Sana, P. *see* Sopori, B.L. 94289
Sanada, M. A CAD-based approach to failure diagnosis of CMOS LSI's using abnormal Iddq 104474
Sanada, M., Morimoto, S., Takeda, Y. Performance analysis of permanent-magnet linear synchronous motors for wide constant-power operation 71352
Sanada, M., Suzuki, S., Numaziri, T., Omata, T., Yoshida, N. Fundamental evaluation of LSIs using anisotropic reactive ion etching 105727
Sanada, M. *see* Morimoto, S. 121459
Sanada, N. *see* Fukuda, Y. 63272
Sanada, N. *see* Shimomura, M. 62723
Sanada, Y., Nakagawa, M. A co-channel interference cancellation technique utilizing convolutional codes and orthogonal multi-carrier modulation 99399
Sanada, Y., Nakagawa, M. Power control techniques in a multihop CDMA packet radio network 118761
Sanada, Y., Nakagawa, M. A multiuser interference cancellation technique utilizing convolutional codes and orthogonal multicarrier modulation for wireless indoor communications 119013
Sanada, Y., Qiang Wang A co-channel interference cancellation technique using orthogonal convolutional codes 65889
Sanada, Y. *see* Morimoto, T. 104898
Sanada, Y. *see* Tagawa, N. 115701
Sanaei, F., Chu, P.L. Passive all-optical bus network based on mode-selective coupling 78863
Sanagi, M., Yamamoto, E., Nogi, S. Axially symmetric Fabry-Perot power combiner with active devices mounted on both the mirrors 93785
Sanagi, M. *see* Ispir, R. 86011
Sanami, T. *see* Baba, M. 90114
Sanarico, M. *see* Pinna, G.D. 80402
Sanavullah, M.Y. *see* Rangaswamy, T.R. 121345
Sanaye, S.S. *see* Shinde, S.S. 101466
Sanbao Xu *see* Gokstorp, M. 98000
Sancaktar, E. *see* Wei, Y. 82232
Sancha, J.L., Fernandez, J.L., Cortes, A., Abarca, J.T. Secondary voltage control: analysis, solutions and simulation results for the Spanish transmission system 70815
Sancha, J.L., Fernandez, J.L., Cortes, A., Abarca, J.T. A multi-level, automatic voltage control system for the Spanish transmission network: analysis, proposed solutions and simulation results 101980
Sancher-Mondragon, J. *see* Kuzin, E.A. 78794
Sancheti, N.K., Anuradha, V.K., Kalyanakrishnan, S. Mathematical library and matrix routines for the Motorola DSP56100 family 93451
Sancheti, N.K., Subramaniyan, R. Floating point arithmetic routines for the Motorola DSP56100 family 93452
Sancheti, N.K., Subramaniyan, R., Srinivasa, N., Hiregange, A. Speech coders: G.711 and G.721 implementation on the Motorola DSP56100 family 98953
Sancheti, N.K. *see* Kalyanakrishnan, S. 93454
Sancheti, P.K., Sapatnekar, S.S. Optimal design of macrocells for low power and high speed 104418
Sancheti, S. *see* Humphrey, D.E.J. 66121
Sanchez, A. *see* Diez, E. 63030
Sanchez, A. *see* Diez, E. 83907
Sanchez, A. *see* Sebastian, P.J. 61411
Sanchez, B. *see* Gonzalez, J.L. 61436
Sanchez, C., Lebeau, B. Hybrid organic-inorganic materials with second-order optical nonlinearities synthesized via sol-gel chemistry 115981
Sanchez, C. *see* Martin, P. 94298
Sanchez, D.J., Conley, R.W., McIver, J.K. Minimum uncertainty relations on a finite interval 96587
Sanchez, E. Field programmable gate array (FPGA) circuits 61828
Sanchez, E. *see* Mosanya, E. 73050
Sanchez, E. *see* Perez, A. 62137
Sanchez, F., Morenza, J.L., Aguiar, R., Delgado, J.C., Varela, M. Whiskerlike structure growth on

silicon exposed to ArF excimer laser irradiation 94728
Sanchez, F. *see* Aguiar, R. 95449
Sanchez, F. *see* Chartier, T. 65064
Sanchez, F. *see* Lazaro, A.M. 109995
Sanchez, F. *see* Manuel, A. 109991
Sanchez, F. *see* Manuel, A. 121740
Sanchez, F.G. *see* Yue, Y. 94918
Sanchez, F.Garcia *see* Garcia Sanchez, F.
Sanchez, F.J. *see* Sanchez-Garcia, M.A. 62740
Sanchez, F.J.G. *see* Narayanan, R. 84428
Sanchez, F.J.Garcia *see* Garcia Sanchez, F.J.
Sanchez, H., Eisen, L., Croxton, C., Piejko, A., Nicoletta, C., Vo, I., Branson, B., Wen Wang, Quan Nguyen, Buti, T., Hsu, L., Saccamango, M.J., Ratanaphanyara, S., Philip, R., Alvarez, J., Weitzel, S., Gerosa, G. A 200 MHz 2.5 V 4 W superscalar RISC microprocessor 73466
Sanchez, J., Barral, H. Multiprocessor implementation models for adaptive algorithms 108317
Sanchez, J. *see* Bachiller, J. 102036
Sanchez, J. *see* Manuel, A. 109991
Sanchez, J. *see* Pramanick, S. 115009
Sanchez, J. *see* Urdaneta, A.J. 93981
Sanchez, J.-L. *see* Berriane, R. 82913
Sanchez, J.C. *see* Nino-de-Rivera, L. 93639
Sanchez, J.J. *see* Garijo, M. 87611
Sanchez, J.L., Leturcq, P., Austin, P., Berriane, R., Breil, M., Anceau, C., Ayela, C. Design and fabrication of new high voltage current limiting devices for serial protection applications 106109
Sanchez, J.L. *see* Moreno, L. 101351
Sanchez, J.M. *see* Lanchares, J. 93212
Sanchez, L. *see* Breuer, P.T. 113826
Sanchez, M. *see* Bozzetto, E. 102110
Sanchez, M. *see* Campelo, J.C. 98733
Sanchez, M. *see* Marin, E. 76008
Sanchez, M.C. *see* Prieto, J.L. 64492
Sanchez, O., Aguilar, M.A., Falcony, C., Martinez-Duart, J.M., Albella, J.M. SiO_xN_y films deposited by remote plasma enhanced chemical vapor deposition using $SiCl_4$ 92824
Sanchez, P. *see* Fernandez, V. 73036
Sanchez, P. *see* Prieto, J.L. 64492
Sanchez, P. *see* Villar, E. 61728
Sanchez, P. *see* Zhu, Y. 85373
Sanchez, P.I., Mazumdar, R.R. Source policing for ATM systems based on peakedness rate 87314
Sanchez, S. *see* Briot, O. 104072
Sanchez, S. *see* de Nivelle, M.J.M.E. 101555
Sanchez, S. *see* Lamberti, N. 106474
Sanchez, T. *see* Fritsch, C. 111394
Sanchez, V., Peinado, A.M., Segura, J.C., Garcia, P., Rubio, A.J. Generating matrices for the discrete sine transforms 117333
Sanchez Mondragon, J.J. *see* Gomez, C.M. 76128
Sanchez-Garcia, J.C. *see* Perez-Meana, H. 76908
Sanchez-Garcia, M.A., Sanchez, F.J., Calle, F., Munoz, E., Calleja, E., Stevens, K.S., Kinniburgh, M., Beresford, R., Beaumont, B., Gibart, P. Optical and electrical characterization of GaN layers grown on silicon and sapphire substrates 62740
Sanchez-Garrido, O., Gomez-Aleixandre, C., Olias, J.S., Albella, J.M., Hernandez-Velez, M., Gutierrez, F.F. Dielectric and Raman spectroscopy of MWCVD diamond thin films 106293
Sanchez-Gasca, J.J., Chow, J.H. Power system reduction to simplify the design of damping controllers for interarea oscillations 101928
Sanchez-Guerrero, R.D. *see* Olivares-Perez, A. 116742
Sanchez-Hernandez, D., Robertson, I. 60 GHz-band active patch antenna for spatial power combining arrays in European mobile communication systems 76647
Sanchez-Hernandez, D., Singh, S., Robertson, I. A multilayer active microstrip antenna array using silicon bipolar monolithic amplifiers in a spatial power combining configuration 66123
Sanchez-Hernandez, D., Wang, Q.H., Rezazadeh, A.A., Robertson, I.D. Millimeter-wave dual-band microstrip patch antennas using multilayer GaAs technology 108050
Sanchez-Hernandez, D. *see* Karacaoglu, U. 93724
Sanchez-Juarez, A. *see* George, P.J. 74275
Sanchez-Lavega, A. *see* Ocariz, A. 104243
Sanchez-Mondragon, J.J. *see* Garcia Quirino, G.S. 107583
Sanchez-Mondragon, J.J. *see* Marti-Panameno, E. 85389
Sanchez-Mondragon, J.J. *see* Marti-Panameno, E. 116411
Sanchez-Mondragon, J.J. *see* Mendez-Otero, M.M. 119921
Sanchez-Mondragon, J.J. *see* Vysloukh, V.A. 116015
Sanchez-P., J.-A. *see* Anagnostou, M.E. 117985
Sanchez-P, J.-A. *see* Pavlou, G. 118228
Sanchez-Quesada, F. *see* Leon, C. 74321
Sanchez-Quesada, F. *see* Lucia, M.L. 75318
Sanchez-Rojas, J.L., Sacedon, A., Calleja, E., Munoz, E., Sanz-Hervas, A., De Benito, G., Lopez, M. Photoinhibition of the quantum confined Stark effect in piezoelectric multiple quantum wells 83949
Sanchez-Rojas, J.L., Sacedon, A., Sanz-Hervas, A., Calleja, E., Munoz, E., Abril, E.J. Probing resonant tunneling and charge accumulation via capacitance measurements in [111]-oriented InGaAs/GaAs MQW and superlattices 63044
Sanchez-Rojas, J.L. *see* Izpura, I. 64943
Sanchez-Rojas, J.L. *see* McCallum, D.S. 62858
Sanchez-Rojas, J.L. *see* Sanz-Hervas, A. 106969
Sanchez-Senencio, E. *see* Varrientos, J.E. 93172
Sanchez-Sinencio, E. *see* Choi, S.C. 83257
Sanchez-Sinencio, E. *see* Chung, D.J. 66983
Sanchez-Sinencio, E. *see* Duque-Carrillo, J.F. 62054
Sanchez-Sinencio, E. *see* Fan You 104342
Sanchez-Sinencio, E. *see* Nino-de-Rivera, L. 93639
Sanchez-Sinencio, E. *see* Ortiz-Balbuena, L. 104739
Sanchez-Sinencio, E. *see* Somayajula, S.A.S. 115357
Sanchez-Sinencio, E. *see* You, F. 104376
Sanchez-Sinencio, F. *see* Ramirez-Bon, R. 74139
Sanchez-Solano, S. *see* Huertas, J.L. 73460
Sanchezi, N.E. The method of multiple scales: asymptotic solutions and normal forms for nonlinear oscillatory problems 72698
Sanchis, E. *see* Ferrer, A. 69757
Sanchis, E. *see* Hurtado, F.J. 91651
Sanchis, R., Tkachenko, I., Verdu, G., Munoz-Cobo, J.L., Bovea, M.D., Ginestar, D. New approach to the decay ratio estimation in BWR NPP: frequency-moments technique 111750
Sanchis-Kilders, E. *see* Carrasco, J.A. 120628
Sancho, A. Receiver ASIC for timing, trigger and control distribution in LHC experiments 90224
Sancho, A. *see* Christiansen, J. 100975
Sand, J. On some stability bounds subject to Hille-Yosida resolvent conditions 61066
Sand Kyu Park, Hyun Wook Cho, Su Han Choi Performance of digital cellular hybrid SSMA systems 67563
Sandage, R.W., Connelly, J.A. Producing phototransistors in a standard digital CMOS technology 116225
Sandak, B., Nussinov, R., Wolfson, H.J. Docking of conformationally flexible proteins 98254
Sandalphon, Kippelen, B., Meerholz, K., Peyghambarian, N. Ellipsometric measurements of poling birefringence, the Pockels effect, and the Kerr effect in high-performance photorefractive polymer composites 69540
Sandalphon, Kippelen, B., Meerholz, K., Peyghambarian, N. Simultaneous determination of first-, second-, and third-order nonlinear optical properties of photorefractive polymers 116705
Sandalphon, Volodin, B.L., Kippelen, B., Peyghambarian, N. New photorefractive polymers for optical systems 64602
Sandalphon *see* Peyghambarian, N. 106743
Sandbach, J. International telephone traffic, callback and policy implications 118281
Sandberg, D., Carsey, F. Alaska SAR Facility Education Outreach 112810
Sandberg, G. *see* Hok, B. 90320
Sandberg, J.N., Casella, R., Geller, J., Marneris, I., Soukas, A., Schumburg, N. The AGS main magnet power supply upgrade 100735
Sandberg, J.N. *see* Marneris, I. 102851
Sandborn, P.A., McFall, G. Performing design for environment concurrent with interdisciplinary tradeoff analysis of electronic systems 72376
Sandborn, P.A. *see* Mizuki, C. 72224
Sandborn, P.A. *see* Murphy, C.F. 73915
Sandell, A. *see* Ljungberg, M. 101104
Sandell, M. *see* Edfors, O. 117943
Sandell, M. *see* van de Beek, J.-J. 67542
Sanden, B., Monaghan, S., Chapman, L. A solution to implanter tool downtime 72196
Sander, B. *see* Maurer, J. 80351
Sander, D., Ducker, M.-O., Blume, O., Muller, J. An optical microspectrometer in SiON-slab-waveguides 95708
Sander, D., Enders, A., Skomski, R., Kirschner, J. High coercive field and film stress for epitaxial monolayers of Fe on W(110) 115537
Sander, D. *see* Skomski, R. 115536
Sander, O.R. *see* Johnson, K.F. 89732
Sander, O.R. *see* Johnson, K.F. 100583
Sander, O.R. *see* Yuan, V.W. 89733
Sander, R. *see* Cooke, B. 109802
Sander, R. *see* Hopmeier, M. 75699
Sander, R. *see* Tak, Y.H. 96040
Sander, R.K. *see* Petrin, R.R. 111116
Sander, R.K. *see* Quagliano, J.R. 110427
Sander, T.H., Holmes, S.N., Harris, J.J., Maude, D.K., Portal, J.C. Magnetoresistance oscillations due to intersubband scattering in a two-dimensional electron system 105405
Sanders, A. *see* LaBel, K. 70337
Sanders, A.P. *see* Weeden, B.A. 80482
Sanders, D.A. *see* Bogacz, S.A. 89683
Sanders, D.B. *see* Cao, J. 120464
Sanders, E.T. Comparison of vibration-related fatigue performance, vibration-related self-damping performance, and wind energy input of ACSR/AW versus ACSR/AW/TW 81103
Sanders, E.T. *see* Hesterlee, J.M. 70941
Sanders, J.E. *see* Zachariah, S.G. 80487
Sanders, J.L. *see* Desiraju, R. 102680
Sanders, L.M. *see* Katz, B.S. 78262
Sanders, M.K. *see* Parise, G. 80977
Sanders, P.M. *see* Bennet, J.M. 90165
Sanders, P.W. *see* Ray, G.P. 109044
Sanders, S., Lang, R.J., Nam, D.W., Mehuys, D.G., Welch, D.F., Myers, L.E., Bortz, M.L., Fejer, M.M., Byer, R.L. Broadly tunable coherent mid-IR sources based on difference frequency mixing of high power laser diodes in periodically poled $LiNbO_3$ 65502
Sanders, S., Shum, F., Lang, R.J., Ralston, J.D., Mehuys, D.C., Waarts, R.G., Welch, D.F. Fiber-coupled M-MOPA laser diode pumping a high-power erbium-doped fiber amplifier 65110
Sanders, S. *see* Balakrishnan, A. 96647
Sanders, S. *see* Grubb, S.G. 65109
Sanders, S. *see* Motamed, M. 93531
Sanders, S. *see* Motamed, M. 114016
Sanders, S. *see* Salvatore, R.A. 65347
Sanders, S. *see* Waarts, R.G. 100193
Sanders, S.C. *see* Dykes, J.W. 75166
Sanders, S.C. *see* Kirschenbaum, L.S. 115640
Sanders, S.R. *see* Daniel, L. 121690
Sanders, S.R. *see* Sullivan, C.R. 121598
Sanders, S.R. *see* Wolf, D.M. 113704
Sanders, T.J., Means, D.P., Hess, G.T. STADIUM: a new tool for design for manufacturability through the use of statistical simulation 106163
Sanders, T.J., Rekab, K., Chung, S.H. Statistical simulation of IC technology: a bipolar process example 84569
Sanders, T.J. *see* Cofer, R.H. 103399
Sanders, T.J. *see* Martin-Vega, L.A. 60515
Sanders, T.J. *see* Means, D.P. 63896
Sanders, T.J. *see* Shahsavari, M.M. 63898
Sanders, W.H. *see* Qureshi, M.A. 113150
Sanders, W.H. *see* van Moorsel, A.P.A. 67755
Sanderson, A. *see* McLoskey, D. 89144
Sanderson, M.L. Solid-fluid interactions in flow measurement 110452
Sanderson, M.L. *see* Chen, Z.X. 110438
Sanderson, M.L. *see* Guilbert, A.R. 69045
Sanderson, M.L. *see* Guilbert, A.R. 100394
Sanderson, M.L. *see* Guilbert, A.R. 100395
Sanderson, M.L. *see* Krafft, R. 69043
Sandford, D.J. *see* Gilvin, P.J. 110971
Sandford, H. *see* Zampini, A. 105802
Sandgodkar, S.G. *see* Sharma, G.D. 112410
Sandhu, A., Lo, T., Leung, H., Litva, J. Hopfield neurobeamformer for spread spectrum communications 88385
Sandhu, A., Missous, M. Properties of high quality InP epilayers grown by solid source molecular beam epitaxy using polycrystalline GaP as a phosphorous source 61224
Sandhu, S.S. *see* Fellner, J.P. 120627
Sandi, G., Winans, R.E., Carrado, K.A. New carbon electrodes for secondary lithium batteries 71633
Sandison, J. *see* Purslow, C. 71221
Sandler, G.L. *see* Kochereshko, V.P. 105323
Sandler, H.M. CT2 radio technology for low power fixed wireless access 99188
Sandler, H.M. *see* Naida, J.D. 90584
Sandler, I.M. *see* Petrov, V.A. 84498
Sandler, M. *see* Dunn, C. 61969
Sandler, M. *see* Dunn, C. 73160
Sandler, M. *see* Summerfield, S. 114134
Sandler, M.B. *see* Kershaw, S.M. 114109
Sandler, M.B. *see* Kudumakis, P.E. 99801
Sandler, M.B. *see* Kudumakis, P.E. 117227
Sandler, M.B. *see* Magrath, A.J. 73474
Sandler, M.B. *see* Magrath, A.J. 114045
Sandler, P.H. *see* Bogacz, S.A. 89683
Sandler, S.S. *see* King, R.W.P. 120537
Sandmann, S. *see* Irsen, W. 80605
Sandmann, S. *see* Raven, P. 79068
Sandmeier, H. *see* Weber, J. 89047
Sandoe, J.N. *see* Shannon, J.M. 89258
Sandogaker, S.G. *see* Sharma, G.D. 94443
Sandoghdar, V., Treussart, F., Hare, J., Lefevre-Seguin, V., Raimond, J.-M., Haroche, S. Very low threshold whispering-gallery-mode microsphere laser 116443
Sandoh, H. *see* Hirakoshi, H. 84822
Sandoh, H. *see* Hohzaki, R. 60836
Sandoh, H. *see* Yasui, K. 98466
Sandomirsky, V.B. *see* Petrov, V.A. 105378
Sandonato, G.M., Barroso, J.J. Conceptual design of a beam extraction electrode system for a 1 mN ion thruster 69614
Sandorfi, A.M. *see* Honig, A. 120094
Sandoval, D.P. *see* Johnson, K.F. 100583
Sandoval, L.S. *see* Vivo, M.S. 76880
Sandovskii, V.A. Determination of the frequency dependence of the electrodynamic parameters of metals in the design of window-type eddy current transformers 113598
Sandovskii, V.A. *see* Dyakin, V.V. 119884
Sandoz, P. An algorithm for profilometry by white-light phase-shifting interferometry 100355
Sandri, A. *see* Biglieri, E. 86037
Sandri, A. *see* Spalvieri, A. 76755
Sandri, S. *see* Drewell, N.H. 100760
Sandrik, P., Zlatovsky, J., Trencansky, M., Smiesko, M. Measuring of voltage distribution across suspension insulator on 400 kV overhead lines 71005
Sandrik, P. *see* Kvasnica, P. 102278
Sandrin, P. System-services: several questions, in an integrated utility perspective [ancillary services] 91011
Sandrin, W.A., Abdel-Nabi, T., Ames, S.A., Haschart, D.V., Price, K.M., Rao, A.K. System architectures for satellite newsgathering 99443
Sandro, J.P.De *see* De Sandro, J.P.
Sandrock, G. Intermetallic hydrides: history and applications 71640
Sands, D. *see* Ashenford, D.E. 81888

Sands, D. *see* Cranton, W.M. 94359
Sands, N.P., Hauser, M.W., Liang, G., Groenewold, G., Lam, S., Chao-Ho Lin, Kuklewicz, J., Lang, L., Dakshinamurthy, R. A 200 Mb/s analog DFE read channel 73578
Sands, N.P. *see* Schmid, V. 115810
Sands, W. *see* Lu, C. 69716
Sandstrom, R.L., Pezeshki, B., Agahi, F., Martel, R., Crockett, J.G. Movable-mask reactive ion etch process for thickness control in devices 114941
Sandu, D.D. *see* Bogdan Manolache, F. 116962
Sandu, D.D. *see* Manolache, F.B. 73657
Sandu, L., Padencov, D., Ghita, Th., Petcu, Fl., Oncel, D. New insulation materials and sheath for the low-frequency urban telecommunication cables 78329
Sandu, L. *see* Ghita, Th. 81077
Sandukovskii, V.G. *see* Gornov, M.G. 120188
Sandukovsky, S. *see* Calen, H. 120194
Sandukovsky, V.G. *see* Briancon, C. 69880
Sandukovsky, V.G. *see* Brudanin, V.B. 110622
Sandulenko, A.V. *see* Ilichev, N.N. 106756
Sandulenko, V.A. *see* Ilichev, N.N. 106756
Sandusky, J.V. *see* Ledentsov, N.N. 96412
Sandweiss, J. *see* van Steenbergen, A. 119960
Sandwisch, D.W. Development of CdTe module manufacturing 112398
Sane, V. *see* Lau, W.S. 74491
Sane, Y. *see* Kobayashi, I. 115673
Saneshige, K. *see* Suga, T. 72227
Sanford, J. *see* Bartolic, J. 97337
Sanford, J.L. *see* Schlig, E.S. 89261
Sang, B., Konagai, M. Growth of transparent conductive oxide ZnO films by atomic layer deposition 72762
Sang, N., Peng, J. Model-based multiresolution segmentation of FLIR images 66999
Sang, N., Zhang, T., Wang, G. Gray scale morphology for small object detection 108660
Sang Bae Kim *see* Jong Sup Cho 65358
Sang Bae Kim *see* Young Su Han 65359
Sang Choon Ko *see* Jong Duk Lee 104153
Sang Dong Gwun *see* Byung Hyug Roh 113942
Sang Fengting, Chen Fang, Yang Bailing, Sun Yizhu, Jin Yuqi, Pun Jingke, Gu Chengzhou, Wang Ling, Zhuang Qi Experimental investigation on supersonic COIL 107095
Sang Geul Lee *see* Min Gi Kwak 85292
Sang Han Taek *see* Taek Sang Han
Sang Hee Suh *see* Je Won Kim 105244
Sang Ho Park, Il Dong Yun, Sang Uk Lee Color image segmentation based on the 3D clustering and morphological operators 87064
Sang Ho Park *see* Hee Soo Yang 72321
Sang Ho Sohn *see* Min Gi Kwak 85292
Sang Ho Sohn *see* Nyung Kun Kim 85288
Sang Ho Sohn *see* Youn Soo Park 85290
Sang Hong Ki *see* Ki Sang Hong
Sang Hoon Chai, Ki Dong Kim, Won Chul Song Design of a 155.52 Mbps CMOS data transmitter 83249
Sang Hun Sung *see* Seong Keun Oh 109336
Sang Hyuk Kang, Min Young Chung, Dan Keun Sung Analysis of satellite on-board time-space-time switching networks with multiple separated space switches 88415
Sang Il Park Performance analysis of a moving-bed heat exchanger in vertical pipes 111767
Sang Jahng Wong *see* Wong Sang Jahng
Sang Jahng Woong *see* Woong Sang Jahng
Sang Jik Kwon *see* Donghwan Kim 74012
Sang Jik Kwon *see* Donghwan Kim 83729
Sang Joh Yong *see* Yong Sang Joh
Sang Joon Kim *see* Suh, K.S. 111602
Sang Jung Woo *see* Woo Sang Jung
Sang Kang Moon *see* Moon Sang Kang
Sang Ki Park *see* Tong Kun Lim 85618
Sang Kim Chong *see* Chong Sang Kim
Sang Kim Do *see* Do Sang Kim
Sang Kim Hyo *see* Hyo Sang Kim
Sang Kim Jin *see* Jin Sang Kim
Sang Koo Park, In Kim, Weon Guk Jeong, Byung Doo Choe Dependence of strain relaxation on barrier thickness in $In_{0.2}Ga_{0.8}As$/GaAs multiple quantum-well structures 105344
Sang Lee Gyu *see* Gyu Sang Lee
Sang Lock Kai *see* Lock Kai Sang
Sang Lyul Min *see* Hong Seong Chang 78501
Sang Lyul Min *see* Hong Seong Chang 118878
Sang Mok Chang, Young Han Kim, Jong Min Kim, Yong Keun Chang, Jong Deuk Kim Development of environmental monitoring sensor using quartz crystal micro-balance 79596
Sang Nong *see* Zhang Tianxu 117838
Sang Nong *see* Nong Sang
Sang Park Wee *see* Wee Sang Park
Sang Rok Lee, Seoung Keun Lee, Jin Woo Park A new WDM/TDM protocol for very high speed optical networks 87412
Sang Shin Yoo, Sung Keun Lee, Duck Jin Kim Playout synchronization mechanism for delay-sensitive multimedia applications 98883
Sang Shin Yoo *see* Sung Keun Lee 109155
Sang Sik Yang *see* Eui Hyeok Yang 106272
Sang Sin Na *see* Ju Gyung Kim 77387
Sang Soo Lee *see* Soo Chang 107703
Sang Suk Lee *see* Guang Sup Cho 84256
Sang Tae Lee, Kitagawa, M., Ichino, K., Kobayashi, H. Preparation and photoluminescent characteristics of $Zn_xSr_{1-x}S$:Ce thin films 104158
Sang Tae Lee *see* Dae Ik Kim 61646
Sang Uk Lee *see* Chang Woo Lee 97962
Sang Uk Lee *see* Choong Soo Park 97434
Sang Uk Lee *see* Hee Soo Yang 72321
Sang Uk Lee *see* Il Dong Yun 87026
Sang Uk Lee *see* Ji Sung Oh 117956
Sang Uk Lee *see* Nam Ik Cho 77217
Sang Uk Lee *see* Sang Ho Park 87064
Sang Uk Lee *see* Yoon Gi Yang 97703
Sang Wenbin, Qian Yongbiao, Guan Xudong, Wu Wenhai, Liu Yinfeng, Zhang Kejian, Wang Jie, Hua Jiadong Synthesis and characterisation of nanometre-sized CdS clusters in chitosan film 105169
Sang Won Min, Hae Chung, Chong Kwan Un Cell loss analysis of an ATM multiplexer with loss priority control for VBR bursty traffic 108759
Sang Won Yun *see* Joong Sung Chung 104791
Sang Wu Kim *see* Jin Hee Han 67568
Sang Wu Kim *see* Vinck, A.J.H. 67557
Sang Wu Kim *see* Ye Hoon Lee 68211
Sang Yong Lee *see* Chul Jin Choi 71095
Sang Yoon Doh *see* Doh Sang Yoon
Sang Yoon Lee *see* Min Gi Kwak 85292
Sang Yoon Lee *see* Nyung Kun Kim 85288
Sang Yoon Lee *see* Youn Soo Park 85290
Sang Young Eom *see* Byoungchoo Park 76158
Sang Yun Lee *see* Sang-Soo Choi 63497
Sang Yup Jun *see* Dong Il Kim 65886
Sang Zaizhong, Zhang Huifen, Pan Zhencun, Tian Zhiguang Protection for single phase to earth fault line selection for ungrounded power system by injecting signal 81142
Sang-Bae Kin *see* Sang-Ki Yun 85463
Sang-Bae Lee *see* Jang-Woo Son 77624
Sang-Bae Lee *see* Wonhong Cho 87701
Sang-Bae Yi, Seon-Ju Kim, Seong-Bae Lee, Kwang-Yell Seo A study on traps in scaled MONOS structure for low-voltage nonvolatile semiconductor memory devices 83108
Sang-Baeck Yoon *see* Dal-Ho Im 102756
Sang-Baeck Yoon *see* Dal-Ho Im 102760
Sang-Baeck Yoon *see* Dal-Ho Im 102761
Sang-Baeg Kim An optimal VP-based multicast routing in ATM networks 87359
Sang-Baeg Kim, Min-Jeong Kim, Sang-Il Lee Mathematical models for dimensioning of ATM networks 77599
Sang-Baeg Kim *see* Heesang Lee 77772
Sang-Bo Lee *see* Jei-Hwan Yoo 73371
Sang-Bong Kim *see* Bong-Hwan Jeon 102708
Sang-Bong Lee *see* Sang-Sung Han 68311
Sang-Bong Yoo *see* Byoung-Kuk Lee 82001
Sang-Bong Yoo *see* Kyoung-Jin Min 102845
Sang-Chan Han *see* Bo-Eun Kim 61648
Sang-Cheol Seol *see* Gwan-Soo Park 95379
Sang-Cheon Lee *see* Ki-Hong Kim 118894
Sang-Don Jung, Seok Ho Song, Wol-Yon Hwang, El-Hang Lee Sulfonation as a new technique of fabricating polymeric gradient-index lenses 64863
Sang-Dong Lee *see* Moon-Deock Kim 85487
Sang-Gi Kim, Seung-Chang Lee, Kyoung-Ik Cho, Jae-Jin Lee, Kee-Soo Nam, Sahn Nahm, In-Ho Bae Structural studies of SiGe/Si films grown on Si(001) substrates 61253
Sang-Gil Shin *see* You-Suk Bae 85214
Sang-Gug Lee A review of self-heating effects on bipolar circuits 63912
Sang-Gug Lee, Schultz, R.D., Brogan, T.D. 900 MHz monolithic low noise amplifier and mixer 83420
Sang-Gyun Woo *see* Zhong-Tao Jiang 115101
Sang-Hee Kang *see* Yong-Cheol Kang 102784
Sang-Ho Ahn *see* Jong-Kook Jang 98237
Sang-Ho Lee, Tae-Soo Yim, Young-Hwan Kim A new CMOS linear transconductor 114080
Sang-Hoon Chai *see* Changsik Yoo 61990
Sang-Hoon Lee, Jun-Hoi Lee, Byung-Soo Min, Hynck Cho, Bong-Hyun Boo, Jongmin Lee Design and construction of a nozzle driver and a TOF control box for TOF in supersonic beam experiments 89753
Sang-Hun Seo *see* Jung-Hyung Kim 113493
Sang-Hwa Chung PASS: a parallel speech understanding system 76846
Sang-Hwan Lee *see* Gwan-Chong Joo 119216
Sang-Hyeo Lee, Byoung-June Kim, Hyung-Hwan Kim, Jung-Joong Lee Structural analysis of AlN and $(Ti_{1-x}Al_x)N$ coatings made by plasma enhanced chemical vapor deposition 92834
Sang-Hyun Kim, Hyun-Hee Kim A study on the surface flashover discharge of insulating materials for superconducting magnet 106728
Sang-il Choi *see* Sangchul Oh 106693
Sang-Il Jin *see* You-Suk Bae 85214
Sang-Il Lee *see* Sang-Baeg Kim 77599
Sang-Jae Moon *see* Jin-Soo Lee 68196
Sang-Jeong Lee *see* Chang-Hwoi Kim 102432
Sang-Jin Chung *see* Dong-Jin Kweon 81520
Sang-Jin Jung, Nakamura, Y., Kishimoto, A., Yanagida, H. Modified CuO surface appropriate for selective CO gas sensing at CuO/ZnO heterocontact 79599
Sang-Jin Lee, Joon-Han Bae, Yun-Sang Oh, Tae-Kuk Ko The manufacture and characteristic experiment of 220 Vrms/100 A peak class superconducting fault current limiter 81156
Sang-Jin Lee, Tae Kuk Ko The evolution of quenches in superconducting parallel bifilar winding by fault current 91184
Sang-Jin Lee, Yun-Sang Oh, Tae-Kuk Ko The analysis of the temperature characteristics of the superconducting winding in the case of fast quench 106716
Sang-Jin Lee *see* Yun-Sang Oh 75371
Sang-Joo Kim, Qing Jiang Microcracking and electric fatigue of polycrystalline ferroelectric ceramics 84685
Sang-Joo Kim *see* Jin-Won Kim 84383
Sang-Jun Moon, Byeong Gi Lee VST based synchronization of multimedia services in B-ISDN 78186
Sang-Ki Yun, Young-Su Han, Sang-Bae Kin, Hai-Young Lee Wideband modulation analysis of a packaged semiconductor laser in consideration of the bonding wire effect 85463
Sang-Koo Chung, Seung-Youp Han Surface potential and breakdown voltage of field plate structure and effect of interface charge 76333
Sang-Koo Chung *see* Seung-Youp Han 74676
Sang-Koo Chung *see* Seung-Youp Han 84294
Sang-Kyun Oh *see* Dhong-Woon Jang 118743
Sang-Kyung Choi *see* SunHyun Youn 116737
Sang-Lak Lee, Jung-Bae Park, Ji-Yoon Yoo, Gwi-Tae Park, Yung-Hoo Sheen A novel phase error predictor for servo system in home-use VCRs 99790
Sang-Moon Lee *see* Jaekyun Moon 75271
Sang-Mun Chi, Yung-Hwan Oh Spectral magnitude normalisation and cepstral coefficient transform for noisy-Lombard speech recognition 108202
Sang-Seek Lee *see* Tae-Hong Kim 61442
Sang-Shin Lee, Seh-Won Ahn, Min-Cheol Oh, Sang-Yung Shin Integrated optical high-voltage sensor based on a polymeric Y-branch digital optical switch 79638
Sang-Sik Lee *see* Jeong-Seon Seo 74837
Sang-Soo Choi, Young Jin Jeon, Hai Bin Chung, Jong Hyun Lee, Sang Yun Lee, Hyung Joun Yoo Fabrication and evaluation of an X-ray mask for GDRAM 63497
Sang-Soo Choi *see* Hyung-Sup Yoon 63770
Sang-Sung Han, Jong-Seon No, Yeun-Cheul Jeung, Kwan-Ok Kim, Youn-Bok Shin, Seung-Jae Hahm, Sang-Bong Lee New soft-output MLSE equalization algorithm for GSM digital cellular systems 68311
Sang-Tae Choi *see* Kim, J.D. 86322
Sang-Wook Han *see* Duck-Jin Chung 77367
Sang-Wook Lee, Yong-Kweon Kim, Yong-Wook Kim Measurement of dielectric constant of dielectric particles using negative dielectrophoresis 119839
Sang-Yeob Cha *see* Taek-Beom Koh 74565
Sang-Yeon Kim, Seong-Dae Kim Analysis of the effect of motion estimation error on the motion adaptive spatial filter and its application 117578
Sang-Yeon Kim *see* Chan-Sik Kim 86528
Sang-Yeop Oh *see* Seong-Min Hong 76825
Sang-Yoon Doh *see* Doh Sang-Yoon
Sang-Yun Yi, Sang-Yung Shin, Yong-Sung Jin, Yung-Sung Son Second-harmonic generation in a $LiTaO_3$ waveguide domain-inverted by proton exchange and masked heat treatment 64728
Sang-Yung Shin *see* Sang-Shin Lee 79638
Sang-Yung Shin *see* Sang-Yun Yi 64728
Sang-Yung Shin *see* Wol-Yon Hwang 64813
Sang-Yung Shin *see* You-Suk Bae 85214
Sangal, R. *see* Mohiuddin, A.K.M. 71114
Sangaletti, L. *see* Sberveglieri, G. 72886
Sangary, N.T. *see* Navarro, E.A. 92651
SangBae Lee *see* Cheul Shim 78045
Sangbo Kim, Burnham, J.S., Joohyun Koh, Lihong Jiao, Wronski, C.R., Collins, R.W. Real time spectroellipsometry characterization of optical gap profiles in compositionally-graded semiconductor structures: applications to bandgap engineering in amorphous silicon-carbon alloy solar cells 102997
Sangbo Kim *see* Collins, R.W. 92882
Sangchan Han *see* Boeun Kim 115347
Sangchul Oh, Sang-il Choi Wigner-function approach to a single-electron tunnel junction 106693
Sangchul Shim *see* Eungsoo Kim 84243
Sangdon Lee, Jeonghwan Son, Jaeseog Yoon, Kijae Huh, Dooyoung Yang The degradation of MOS devices by source/drain ion implantation 105571
Sangdon Lee *see* JaeSeog Yoon 105668
Sangeeta Khare *see* Neeraj Khare 106694
Sanger, D. Automatic extraction of face from color reversal film using statistical multistep filtering technique 87016
Sanger, P. *see* Calvin, H. 106718
Sanger, P. *see* Deis, G. 106719
Sanger, P. *see* Thomassen, K. 64565
Sanggyu Park, Youngsun Lee, Hyunsik Chang A new MPEG-2 rate control scheme using scene change detection 98162
Sangha, S.P.S. *see* Jacobson, D.M. 82189
Sangha, S.P.S. *see* Vincent, J.H. 75071
Sanghavi, J.V., Ranjan, R.K., Brayton, R.K., Sangiovanni-Vincentelli, A. High performance BDD package by exploiting memory hierarchy 83080
Sangheon Lee *see* Cheul Shim 78045
Sanghera, A.S., Pureza, P.C., Busse, L.E., Aggarwal, I.D. Optical and mechanical properties of IR transmitting chalcogenide glass fibers 75500
Sanghera, J.S., Nguyen, V.Q., Aggarwal, I.D. Properties of $As_{40}S_{(60-x)}Se_x$ glasses for IR fiber optics 84935

Sanghera, J.S., Nguyen, V.Q., Pureza, P.C., Miklos, R.E., Kung, F.H., Aggarwal, I.D. Fabrication of long lengths of low-loss IR transmitting $As_{40}S_{(60-x)}Se_x$ glass fibers 64713
Sanghera, J.S. *see* Busse, L.E. 106787
Sangho Kum Sharpened forms of coincidence theorems and variational inequalities for fuzzy mappings 60856
Sangho Yoon, Kyungil Lee, Sungwon Gong, Jaehee Lee, Taeyoun Won Development of integrated TCAD for VLSI process simulation 106167
Sanghoon Chai *see* Inyeol Lee 73502
Sanghyeon Baeg, Rogers, W.A. Enhancing temporal testability and its effects on design and test generation 73286
Sanghyun Park A multi-cell RF photoinjector design 90085
Sangil Lee *see* Bumsoo Han 79911
Sangil Lee *see* Keeman Kim 79771
Sangin Kim, Gopinath, A. Vector analysis of optical dielectric waveguide bends using finite-difference method 107982
Sangiorgi, E. *see* Fischer, B. 94976
Sangiorgi, E. *see* Selmi, L. 63671
Sangiorgi, E. *see* Selmi, L. 114832
Sangiorgio, E. *see* Esseni, D. 83116
Sangiovanni-Vincentelli, A. Trends in electronic systems 112735
Sangiovanni-Vincentelli, A. *see* Balarin, F. 87472
Sangiovanni-Vincentelli, A. *see* Cardelli, S. 73055
Sangiovanni-Vincentelli, A. *see* Felt, E. 106141
Sangiovanni-Vincentelli, A. *see* Malavasi, E. 95098
Sangiovanni-Vincentelli, A. *see* Miliozzi, P. 114143
Sangiovanni-Vincentelli, A. *see* Narayan, A. 92496
Sangiovanni-Vincentelli, A. *see* Neff, R.R. 61974
Sangiovanni-Vincentelli, A. *see* Sanghavi, J.V. 83080
Sangiovanni-Vincentelli, A.L. *see* Demir, A. 73071
Sangiovanni-Vincentelli, A.L. *see* Demir, A. 113801
Sangiovanni-Vincentelli, A.L. *see* Lam, W.K.C. 73270
Sangiovanni-Vincentelli, A.L. *see* Miliozzi, P. 84590
Sangiovanni-Vincentelli, A.L. *see* Stephan, P. 104454
Sangishetty, V. *see* Galhotra, V. 74909
Sangjoon Park, Yongdae Kim, Sanjin Lee, Kwangjo Kim Attacks on Tanaka's non-interactive key sharing scheme 66429
Sangkwon Jeong, Schultz, J.H., Takayasu, M., Michael, P.C., Shen, S., Vysotsky, V., Warnes, W. Ramp-rate limitation experiments in support of the TPX magnets 106713
Sangrok Lee, Siwoo Park, Jinwoo Park WDMA/TDM protocol for high speed optical networks using star topology 68508
Sangseol Lee *see* Jaehoon Choi 108037
Sangsin Na, Tae Young Choi Two-dimensional probability functions of morphological dilation and erosion of a memoryless source 76928
Sangsin Na, Young Kil Kim, Haing Sei Lee The entropy of recursively-indexed geometric distribution 76725
Sangsin Yoo *see* Sungkeun Lee 67868
Sangster, C. *see* Karpenko, V. 89695
Sangster, D. Impact of Energy Star guidelines on electronic package reliability 103462
Sangster, T.C. *see* Friedman, A. 89692
Sangston, K.J. *see* Farina, A. 109718
Sanguk Lee *see* Bongseop Song 86987
Sangunni, K.S. *see* Ramesh, K. 105199
Sangwine, S.J. Fourier transforms of colour images using quaternion or hypercomplex, numbers 117741
Sangwon Kang, Hyungsoo Lee, Youngsoo Kim, Jinwook Chung A half rate speech coder using trellis excitation 76860
Sangwon Kang *see* Chae Hun Chung 99156
Sangwon Yun *see* Youngchan Moon 104777
Sangwook Nam *see* Byung-Sung Kim 95073
Sangwook Nam *see* Joo-Wan Kim 85975
Sangwook Nam *see* Moon-Que Lee 83196
Sangyup Song *see* Dong Hoon Choi 76162
Saniee Monfared, M.A., Vandenberghe, D.G., Katzberg, J.D., Tunison, F.W. Scenario based design of multimedia communications interfaces 78192
Saniie, J. *see* Malik, M.A. 104213
Saniie, J. *see* Unluturk, M.S. 104209
Sanikov, A.I. *see* Ivannikov, V.P. 119549
Sanipoli, C. *see* Furetta, C. 110961
Sanjay, S. *see* Ravichandran, L. 67856
Sanjeev Arora, Leighton, F.T., Maggs, B.M. Online algorithms for path selection in a nonblocking network 87635
Sanjeev Khanna *see* Kann, V. 88345
Sanjin Lee *see* Sangjoon Park 66429
Sanjoh, H. *see* Yasaka, H. 68485
Sanjoh, H. *see* Yasaka, H. 78889
Sanjoh, H. *see* Yasaka, H. 85497
Sanjuan, T. *see* Fernandez-Duran, A. 109540
Sanjurjo, J. *see* Garcia, I. 98095
Sanjurjo, N.L. *see* Cabral, F.A.O. 115503
Sanjurjo, N.L. *see* Gama, S. 75103
Sankar, A., Chin-Hui Lee A maximum-likelihood approach to stochastic matching for robust speech recognition 66589
Sankar, R. *see* Edwards, G. 78500
Sankar, R. *see* Edwards, G. 119009
Sankar, R. *see* Kidambi, K.R. 77997
Sankar, R. *see* Kidambi, K.R. 87713
Sankara Narayanan, E.M., Amaratunga, G. A study of fast switching, anode shorted lateral insulated gate bipolar transistor 82936
Sankara Narayanan, V.S. *see* Verma, V.P. 72193
Sankarakrishnan, A., Billinton, A. Effective techniques for reliability worth assessment in composite power system networks using Monte Carlo simulation 101924
Sankarakrishnan, A. *see* Billinton, R. 70767
Sankarakrishnan, A. *see* Billinton, R. 80785
Sankaran, C. Effects of harmonics on power systems. II 70997
Sankaran, C. Effects of harmonics on power systems. I 90915
Sankaran, V. *see* Erdogan, M.U. 74392
Sankaranarayanan, V. *see* Gopal, T.V. 67781
Sankaranarayanan, V. *see* Gopal, T.V. 98656
Sankaranarayanan, V.K. *see* Pankhurst, Q.A. 106564
Sanker, S.G. *see* Konno, K. 75140
Sankey, D.P.C. *see* Burke, S. 69776
Sankey, O.F. *see* Run-Di Hong 62779
Sankin, V.I. Effects of vertical strong field electron transport in silicon carbide superlattice 105433
Sankin, V.I., Stolichnov, I.A. Wannier-Stark resonances under strong localization conditions in natural silicon-carbide superlattices 114722
Sankowski, D. *see* McGhee, J. 93599
Sankur, B. *see* Altinkaya, M.A. 117499
Sankur, B. *see* Aydin, T. 108500
Sankur, H., Hall, R., Motamedi, E., Gunning, W., Tennant, W. Fabrication of microlens arrays by reactive ion milling 95921
Sann, M. *see* Cribier, M. 110538
Sanna, A., Montuschi, P. Location of visual sensors in orthogonal environments 87083
Sannemo, U. *see* Nilsson, H.-E. 63639
Sannibale, F. *see* Whitham, K. 89719
Sannicandro, G., McGrath, J., Rates, J. A TAB, two die column driver module for field emission displays 110308
Sannino, M. *see* Adam, W. 69709
Sannino, M. *see* Caddemi, A. 62256
Sannino, M. *see* Caddemi, A. 73761
Sannino, M. *see* Caddemi, A. 83413
Sannino, M. *see* Caddemi, A. 95047
Sannino, M. *see* Caddemi, A. 99436
Sannino, M. *see* Caddemi, A. 114276
Sannino, M. *see* Caddemi, A. 114297
Sannino, M. *see* Di Paola, A. 63768
Sannino, M. *see* Livreri, P. 62254
Sannomiya, K. *see* Kawata, K. 73884
Sano, A., Kataoka, T., Tsuda, H., Hirano, A., Murata, K., Kawakami, H., Tada, Y., Hagimoto, K., Sato, K., Wakita, K., Kato, K., Miyamoto, Y. Field experiments on 40 Gbit/s repeaterless transmission over 198 km dispersion-managed submarine cable using a monolithic mode-locked laser diode 78876
Sano, A. *see* Kataoka, T. 68519
Sano, B.J. *see* Hahn, K.H. 119222
Sano, E.E., Huete, A.R., Troufleau, D., Moran, M.S., Vidal, A. Analysis of ERS-1 SAR data to study soil moisture content in rocky soils 120816
Sano, F. *see* Kuroda, T. 73425
Sano, F. *see* Tatematsu, Y. 122092
Sano, H., Miyake, M., Fujino, T. Performance of diversity combining scheme using simplified weighting factor 78388
Sano, H. *see* Ido, T. 106862
Sano, H. *see* Ido, T. 116113
Sano, H. *see* Kakami, M. 79181
Sano, J. *see* Higuchi, M. 77769
Sano, K. *see* Kido, K. 108433
Sano, K. *see* Koitabashi, M. 83722
Sano, K. *see* Taguchi, J. 110682
Sano, M. *see* Araki, H. 89358
Sano, M. *see* Hua Jiang 90792
Sano, M. *see* Ishikawa, Y. 73458
Sano, M. *see* Jongen, Y. 101424
Sano, N. *see* Higashiwaki, M. 72763
Sano, N. *see* Shimomura, S. 63572
Sano, S., Nishino, S., Saraie, J. Growth of cubic SiC on Si substrate by CVD using hexamethyldisilane and hexachlorodisilane 104040
Sano, S. *see* Hanaoka, A. 104107
Sano, S. *see* Suzuki, T. 71502
Sano, S. *see* Tomita, H. 101027
Sano, T., Higuchi, M., Seki, H., Kasami, T. A phase connection method for communication protocols 118087
Sano, T., Tatsumi, M. Operation of power distribution systems by using a section management method 102077
Sano, T. *see* Ozaki, T. 69287
Sano, T. *see* Sekito, T. 95701
Sano, T. *see* Yano, K. 73397
Sano, Y., Matsumoto, Y., Hara, K., Hatsugai, A., Okabe, K. High-element-density bipolar process "VHF-IV" 74821
Sano, Y., Muraoka, H., Watanabe, I., Nakamura, Y. Effects of nitrogen addition to the CoCr recording layer of a double layered perpendicular rigid disk 106522
Sano, Y., Shigeta, Y., Ichikawa, M., Aoki, H., Umeda, T., Kamisaka, W., Tsukamoto, A., Senda, H., Nisoe, N. On-chip inner-layer lens technology for an improvement in photo-sensitive characteristics of a CCD image sensor 69282
Sano, Y. *see* Ezawa, H. 80081
Sano, Y. *see* Ezawa, H. 100931
Sano, Y. *see* Noborio, M. 89430
Sano, Y. *see* Sera, N. 118679
Sano, Y. *see* Takahashi, H. 118456
Sano, Y. *see* Takigawa, T. 64653
Sano, Y. *see* Toyama, J. 89410
Sano, Y. *see* Tsukamoto, A. 110214
Sano, Y. *see* Yamagata, Y. 73452
Sanocki, T. *see* Heath, M. 86790
Sanoit, J.De *see* De Sanoit, J.
Sanossian, H.Y.Y. An Arabic character recognition system using neural network 108626
Sanpei, M. *see* Hasegawa, T. 91105
Sanpera, A. *see* Deutsch, D. 108178
Sanpera, A. *see* Macchiavello, C. 88531
Sans, J.-L. *see* Ball, J. 120096
Sansen, W. *see* Bastos, J. 114032
Sansen, W. *see* Bastos, J. 115192
Sansen, W. *see* Bastos, J. 115334
Sansen, W. *see* Donnay, S. 62061
Sansen, W. *see* Ferri, G. 73123
Sansen, W. *see* Geeraerts, B. 110124
Sansen, W. *see* Lampaert, K. 104260
Sansen, W. *see* Peeters, E. 113699
Sansen, W. *see* Peeters, E. 113786
Sansen, W. *see* Varlan, A.R. 101371
Sansen, W.M.C. *see* Carley, L.R. 82855
Sanseverino, A. *see* Daliento, S. 114580
Sanso, B. *see* Chamberland, S. 109265
Sanso, B. *see* Gendreau, M. 98510
Sansonetti, C.J. *see* Nave, G. 112594
Sansonetti, P. *see* Riant, I. 75444
Sansoni, G., Corini, S., Lazzari, S., Rodella, R., Docchio, F. 3-D imaging of surfaces for industrial applications: integration of structured light projection, Gray code projection and projector-camera calibration for improved performance 66893
Sansoni, P. *see* Ciamberlini, C. 67390
Sansoni, P. *see* Francini, F. 107634
Santa, A.Della *see* Della Santa, A.
Santa, F.Dalla *see* Dalla Santa, F.
Santa, N. *see* Roman, C. 69036
Santa-Maria, M.D. *see* Costela, A. 116388
Santacesaria, R. *see* Di Capua, E. 110598
Santachiara, V. *see* Lisi, M. 66034
Santachiara, V. *see* Lisi, M. 66039
Santachiara, V. *see* Lisi, M. 80623
Santagiustina, M. *see* De Angelis, C. 65489
Santagostini, L. DECT wireless access: a powerful means for the enhancement of the existing network capabilities 118951
Santaguistina, M. *see* Ives, D.J. 64682
Santalov, N.P. *see* Strelkov, G.M. 85866
Santamaria, C., Gonzalez de Mendivil, J.R., Garitagoitia, J.R., Alastruey, C.F. Application of the DARTS method and the timed automata to the design of real-time systems 80976
Santamaria, J. *see* Leon, C. 74321
Santamaria, J. *see* Lucia, M.L. 75318
Santamaria, J.C., Arkin, R.C. Structured light systems for dent recognition: Lessons learned 86312
Santamaria-Caballero, I. *see* Pantaleon-Prieto, C.J. 76996
Santamato, E. *see* Abbate, G. 75540
Santamato, E. *see* Abbate, G. 95728
Santamore, W.P. *see* Hansen, S.B. 70234
Santamouris, M., Balaras, C.A., Dascalaki, E., Argiriou, A., Gaglia, A. Energy conservation and retrofitting potential in Hellenic hotels 122090
Santamouris, M. *see* Balaras, C.A. 102352
Santamouris, W. *see* Papadopoulos, K.H. 110457
Santana, C.R., Abernathy, C.R., Pearton, S.J., Jones, K.S. Initial growth stages of $Al_xGa_{1-x}P$ on epitaxial silicon 103926
Santana, C.J. *see* Hong, J. 74587
Santana, C.J. *see* Hong, J. 105609
Santana, J., Jones, B.K., Sloan, T., Zdansky, K. GaAs radiation detectors in the relaxation regime 120145
Santana, J. *see* Jones, B.K. 114602
Santana, J. *see* Pierrat, L. 102815
Santana, J. *see* Zdansky, K. 120147
Santander, J., Lozano, M., Gotz, A., Cane, C., Lora-Tamayo, E. Universal surfaces for the accurate contact resistivity extraction on Kelvin structures with upper and lower resistive layers 119833
Santapuoli, N. *see* Seccia, L. 86307
Santarelli, A. *see* Filicori, F. 114263
Santarelli, A. *see* Torcolacci, D. 114300
Santarelli, G., Lours, M., Rovera, G.D. Low-noise phase lock of high spectral purity 100 MHz VCXO to a high stability 10 MHz reference oscillator 61675
Santarelli, G. *see* Salomon, C. 89521
Santarelli, M.F., Landini, L. A model of ultrasound backscatter for the assessment of myocardial tissue structure and architecture 101296
Santella, G. Bit error rate performances of M-QAM orthogonal multicarrier modulation in presence of time-selective multipath fading 86027
Santella, G. *see* Di Zenobio, D. 113763
Santha, A.K.S. *see* Abe, K. 69708
Santha, A.K.S. *see* Abe, K. 69726
Santhanam, B., McClellan, J.H. The discrete rotational Fourier transform 66709
Santhanam, S. *see* Fedder, G.K. 74885

Santhanam, S. *see* Montanaro, J. 73430
Santhosh, P.N., Date, S.K. A new composition of ceramic varistor: SnO_2 doped with (Co, Nb, Al) 106110
Santhosh, P.N., Kharat, D.K., Date, S.K. Effect of strontium substitution in (Nb,Bi) doped TiO_2 varistors 114339
Santi, E. On the evaluation of Cauchy principal value integrals by rules based on quasi-interpolating splines 72708
Santi, E., Cuk, S. Issues in flat integrated magnetics design 121599
Santiago, N.G. *see* Rodriguez, D. 97471
Santiago Navarro, M. The series loaded transmission line phase shifter–a rigorous solution 93831
Santica, I., Smircic, A. Proposal of better submarine cable output points choice and micro-location of the cable route within cable corridor 70910
Santina, P. DFM meets ABC 112828
Santinelli, C. *see* Drouot, V. 106056
Santini, E. Optimum simulation of B-H curves in FEM analysis of magnetic fields 92638
Santini, E., Santucci, C., Mellara, B. Linking fields and circuits: a one step FEM-MNA algorithm for harmonic problems 93090
Santini, E., Silvester, P.P. Thevenin equivalent fields 65641
Santini, E., Vinci, M. Fast and efficient techniques for interpolation of B-H curves 71360
Santini, E. *see* Caricchi, F. 103109
Santini, E. *see* Caricchi, F. 122031
Santini, S., Jain, R. Similarity queries in image databases 86434
Santis, A.De *see* De Santis, A.
Santis, P.de *see* de Santis, P.
Santo, A.De *see* De Santo, A.
Santo, A.G., Lee, S.C., Cheng, A.F. Near Earth asteroid rendezvous spacecraft overview 90674
Santo, D. *see* Pullia, A. 100932
Santo, M.C.Espirito *see* Espirito Santo, M.C.
Santo, M.De *see* De Santo, M.
Santo, R. *see* Brauksiepe, S. 100815
Santo, R. *see* Peitzmann, T. 100814
Santoli, T. *see* Chiaraluce, F. 97483
Santonocito, D. *see* Bellia, G. 90238
Santonocito, D. *see* Bellia, G. 100996
Santopuoli, N. *see* Seccia, L. 117749
Santori, M., Zech, K. The age of the fieldbus 108828
Santoro, N. *see* Feuerstein, E. 98705
Santoro, N. *see* Nayak, A. 93256
Santos, A., Jr. *see* Silva, P.R. 91127
Santos, A.I. *see* Camargo, M.E. 103614
Santos, D. *see* Sousa, J. 111444
Santos, D.A.dos *see* dos Santos, D.A.
Santos, D.J., Seoane, A., Fraile-Pelaez, F.J. Transient analysis of a nonlinear ring resonator operating as an optical oscillator 116668
Santos, D.L. *see* Nagarajan, K. 104928
Santos, D.M., Dow, S.F., Flasck, J.M., Levi, M.E. A CMOS delay locked loop and sub-nanosecond time-to-digital converter chip 90218
Santos, D.M., Dow, S.F., Levi, M.E. A CMOS delay locked loop and sub-nanosecond time-to-digital converter chip 100937
Santos, D.M. *see* Chau, A. 90219
Santos, D.M. *see* Chau, A. 100936
Santos, E. *see* Dunlop, J. 109436
Santos, E.M. *see* Dias, A.E. 78205
Santos, F.P. *see* Dias, T.H.V.T. 80068
Santos, F.P. *see* dos Santos, J.M.F. 101016
Santos, F.P. *see* Rachinhas, P.J.B.M. 100867
Santos, F.P. *see* Rachinhas, P.J.B.M. 101015
Santos, H.J.De Los *see* De Los Santos, H.J.
Santos, J. *see* Morales, J. 121860
Santos, J.L. *see* Baptista, J.M. 69218
Santos, J.L. *see* Ferreira, L.A. 69220
Santos, J.L. *see* Ribeiro, A.B.L. 69226
Santos, J.M.F.dos *see* dos Santos, J.M.F.
Santos, M.B. *see* Bayot, V. 74382
Santos, M.B. *see* Celeiro, F. 115291
Santos, M.B. *see* Liu, W.K. 82692
Santos, M.C.Dos *see* Dos Santos, M.C.
Santos, M.D., Melliar-Smith, P.M., Moser, L.E. A protocol simulator for the Thunder and Lightning ATM network 87322
Santos, M.D.deS. *see* Bueno, C.C. 69763
Santos, M.dos *see* dos Santos, M.
Santos, O.Dos *see* Dos Santos, O.
Santos, P.F., Franca, J.E., Schaumann, R. Parasitic reactive effects in transconductors based on differential pairs 73133
Santos, P.F., Franca, J.E., Schaumann, R. Design and tuning techniques for a 100 MHz CMOS continuous-time narrow-bandwidth bandpass filter 93556
Santos, P.J., Franca, J.E. Switched-capacitor bandpass decimator for high-frequency narrowband channel filtering and downconversion 114065
Santos, P.V. *see* Lew Yan Voon, L.C. 62975
Santos, P.V. *see* Toet, D. 92789
Santos, R.P.P., de Aquino, C.A.S., Neto, E.C., Alves, S.R.M. FURNAS HVDC system performance and experience 121100
Santos, S.D. *see* Planat, M. 95331
Santos, S.Dos *see* Dos Santos, S.
Santos, S.Perez *see* Perez Santos, S.
Santos, V., Silva, R., Dinis, M., Neves, J. Performance evaluation of channel assignment strategies and handover policies for satellite mobile networks 68192
Santos-Garcia, G. *see* Gadea, P.M. 76859
Santos-Leon, J.C. *see* Gonzalez-Vera, P. 103771
Santosa, F. *see* Kaup, P.G. 61474
Santosa, F. *see* Yuying Li 77265
Santoso, B., Tamaki, M., Oda, M., Honda, M., Ikeda, Y. Neutron radiography with a one-dimensional image sensor having a high linearity range 108567
Santoyo, F.M. *see* Ochoa, N.A. 110402
Santoyo, F.Mendoza *see* Mendoza Santoyo, F.
Santucci, C. *see* Santini, E. 93090
Santucci, F. *see* Benvenuto, N. 116890
Santucci, F. *see* Ruggieri, M. 68230
Santucci, F. *see* Ruggieri, M. 78495
Santucci, F. *see* Ruggieri, M. 88187
Santucci, F. *see* Ruggieri, M. 99211
Santucci, F. *see* Ruggieri, M. 118967
Santulli, C. *see* Aiello, A. 113618
Santurkar, V. *see* Venkatesh, B. 73350
Sanugi, B.B., Yaacob, N.B. A new fifth order five-stage Runge-Kutta method for initial value type problems in ODEs 72689
Sanui, K. *see* Abe, H. 76246
Sanui, K. *see* Abe, H. 85633
Sanui, K. *see* Katagiri, Y. 76244
Sanyal, A. Millimetre-wave solutions for personal communication network 99280
Sanyal, S., Bhattacharya, S. Marriage of wired and wireless networks to build tomorrow's Internet 109064
Sanyal, S. *see* Chattopadhyay, P. 84461
Sanyal, S. *see* Sahoo, G. 78985
Sanz, A. Public networks and home networks 118520
Sanz, C., Garrido, M.J., Meneses, J.M. VLSI architecture for motion estimation using the block-matching algorithm 73415
Sanz, F. *see* Servat, J. 84261
Sanz, G. *see* Lopez, F.J. 72544
Sanz, J.L.C. *see* del Bimbo, A. 67084
Sanz, J.L.C. *see* Maiaru, L.C. 103733
Sanz, M., Llombart, A., Sallan, J. Current feedback in DC/DC converters by using toroidal transformers 112075
Sanz, R. *see* Munoz, L. 78545
Sanz-Gonzalez, J.L. *see* Alvarez-Vaquero, F. 119275
Sanz-Gonzalez, J.L. *see* Alvarez-Vellisco, A. 83219
Sanz-Gonzalez, J.L. *see* Andina, D. 88692
Sanz-Gonzalez, J.L. *see* Andina, D. 108359
Sanz-Hervas, A., Aguilar, M., Sanchez-Rojas, J.L., Sacedon, A., Calleja, E., Munoz, E., Abril, E.J., Lopez, M. High-resolution X-ray diffraction study of piezoelectric InGaAs/GaAs multiquantum well p-i-n photodiodes grown on (111)B GaAs 106969
Sanz-Hervas, A. *see* Sanchez-Rojas, J.L. 63044
Sanz-Hervas, A. *see* Sanchez-Rojas, J.L. 83949
Sanz-Serna, J.M. *see* Lopez-Marcos, M.A. 60956
Sao-Jie Chen *see* Chia-Chun Tsai 74786
Sao-Jie Chen *see* Jong-Sheng Cherng 106174
Sao-Qin Cheng *see* Cheng Sao-Qin
Saotome, H., Kawai, T., Sakaki, Y. Iron loss evaluation of ferrites by the dynamic magnetic loss parameter 84809
Saotome, Y., Nakazawa, Y., Yokoyama, Y. Vacuum aided recycling systems technology (VARS Tech) as a restoration systems technology of Ecofactory 92353
Saoudi, S. *see* Zribi, M. 117291
Saoudy, S.Ahmed *see* Ahmed Saoudy, S.
Sapaev, B. *see* Saidov, A.S. 74307
Saparin, G.V., Obyden, S.K., Ivannikov, P.V. A nondestructive method for three-dimensional reconstruction of luminescence materials: principles, data acquisition, image processing 86615
Saparin, G.V. *see* Mokhov, E.N. 104046
Saparov, D.V. *see* Saidov, A.S. 74307
Sapatnekar, S.S. Wire sizing as a convex optimization problem: exploring the area-delay tradeoff 93028
Sapatnekar, S.S., Deokar, R.B. Utilizing the retiming-skew equivalence in a practical algorithm for retiming large circuits 113888
Sapatnekar, S.S. *see* Maheshwari, N. 93243
Sapatnekar, S.S. *see* Sancheti, P.K. 104418
Sapatnekar, S.S. *see* Shah, J.C. 95169
Sapaty, P.S., Borst, P.M. WAVE: mobile intelligence in open networks 87740
Sapeluk, A.T. *see* Birch, A.P. 101992
Sapeluk, A.T. *see* Finan, R.A. 108212
Saper, R.H. *see* Inkol, R.J. 61690
Sapiano, P.C., Martin, J.D. Maximum likelihood PSK classification using the DFT of phase histogram 76701
Sapiano, P.C., Martin, J.D. Statistical performance of the first order phase difference digital instantaneous frequency estimator 108094
Sapienza, P. *see* Bellia, G. 90238
Sapienza, P. *see* Bellia, G. 100996
Sapiro, G. Vector-valued active contours 86439
Sapiro, G., Ringach, D.L. Anisotropic diffusion of color images 108544
Sapiro, G., Ringach, D.L. Anisotropic diffusion of multivalued images with applications to color filtering 117851
Sapiro, G. *see* Caselles, V. 67228
Sapiro, G. *see* Malladi, R. 110751
Sapiro, G. *see* Olver, P.J. 86423
Sapiro, G. *see* Weinberger, M.J. 86727
Sapirstein, H.D. Quality control in commercial baking: machine vision inspection of crumb grain in bread and cake products 82321
Sapmaz, S., Harvey, A. Digital film restoration 86709
Sapmaz, S., Kobayashi, K., Buyukaksoy, A., Uzgoren, G. High-frequency diffraction by a strip located at the interface between two different media 76405
Sapna, K.P. An M/G/1-type queueing system with nonperfect servers and no waiting capacity 60797
Saposhnikov, Vl.V., Dmitriev, A., Goessel, M., Saposhnikov, V.V. Self-dual parity checking–A new method for on-line testing 104473
Saposhnikov, V.V. *see* Saposhnikov, Vl.V. 104473
Sapotta, H. Push-pull receiver front end stages in common base circuits the solution to the intermodulation problem 88087
Sapozhnikov, L. *see* Claus, R. 100601
Sapozhnikov, L. *see* Corredoura, P. 100604
Sapozhnikov, L. *see* Teytelman, D. 100523
Sapozhnikov, O. *see* Cathignol, D. 111374
Sapozhnikov, O.A. *see* Khokhlova, V.A. 103539
Sapp, W. *see* Jacobs, K. 79916
Sappideen, C. *see* Stillman, R.H. 111652
Sappington, D.E.M., Weisman, D.L. Potential pitfalls in empirical investigations of the effects of incentive regulation plans in the telecommunications industry 108890
Sappington, D.E.M., Weisman, D.L. Revenue sharing in incentive regulation plans 118192
Sapriel, J., Renosi, P., Le Berre, P. New developments of resonant acousto-optics in semiconductors 85164
Sapriel, J. *see* Cohen, G.M. 74535
Sapriel, J. *see* Petrov, V. 85161
Sapritsky, V.I. *see* Morozova, S.P. 89080
Saprykin, I.I. *see* Pogarsky, S.A. 73655
Saprykin, I.I. *see* Pogarsky, S.A. 73757
Sapy, G. *see* Oullion, J. 111757
Saquib, M., Yates, R., Mandayam, N. Decorrelating detectors for a dual rate synchronous DS/CDMA system 108345
Sarabandi, K. Determination of vegetation height from SAR interferometry: a theoretical study 120905
Sarabandi, K., Tsen-Chieh Chiu Optimum corner reflectors design 109716
Sarabandi, K., Tsen-Chieh Chiu Optimum corner reflectors for calibration of imaging radars 109797
Sarabandi, K. *see* Chiu, T. 120843
Sarabandi, K. *see* Nashashibi, A. 109774
Sarabandi, K. *see* Sabet, K.F. 120731
Sarabandi, K. *see* Siqueira, P. 120729
Sarabandi, K. *see* Siqueira, P.R. 97012
Sarabandi, K. *see* Stiles, J.M. 111321
Sarabandi, K. *see* Stiles, J.M. 111322
Sarabandi, K. *see* Treuhaft, R. 120691
Sarabandi, K. *see* Ulaby, F.T. 111280
Sarabandi, K. *see* Yi-Cheng Lin 120916
Saraby-Reintjes, A., Peter, L.M., Ritchie, A.G. Microelectrode sensors for battery reactions 112217
Saracco, G. *see* Moreau, F. 70431
Saraceni, P.J., Jr. *see* Harrison, L.H. 70365
Saraceno, G.A. *see* Barcaglioni, M. 103108
Sarach, B.M., Bastunskii, A.M. Testing pump units with frequency converters 103063
Sarach, B.M. *see* Zinchenko, V.M. 103064
Sarachik, K.B. The effect of Gaussian error in object recognition 77162
Saracin, M. A new installation for the magnetic losses measurement in the electrotechnical sheet stacks with EPSTEIN frame 69457
Saraf, R. *see* Brusic, V. 61446
Saraf, S.S. *see* Rao, D.H. 112006
Sarafian, G., Kaplan, B.Z. A new approach to the construction of useful codes for tracking systems 68620
Sarai, T. *see* Azuma, Y. 120373
Saraie, J., Yamawaki, K., Matsumura, N., Ikehara, A. Nitrogen-doped ZnSe(100) films grown by molecular beam epitaxy using a capacitively coupled plasma cell 74217
Saraie, J. *see* Hanaoka, A. 104107
Saraie, J. *see* Matsumura, N. 74167
Saraie, J. *see* Sano, S. 104040
Saraie, J. *see* Takanaka, N. 103820
Saraie, J. *see* Yoshikawa, T. 104133
Saraiva, F. *see* Prieto, E. 68954
Saraiva, J.T. Reliability evaluation of generation/transmission power systems including fuzzy data 120964
Saraiva, J.T. *see* Miranda, V. 102100
Saraiva, J.Tome *see* Tome Saraiva, J.
Sarajcev, R. The network parameters establishment for direct sequence from the calculation of three pole short circuit currents 70828
Saramaki, T., Renfors, M. A Remez-type algorithm for designing digital filters composed of all-pass sections based on phase approximations 83224
Saramaki, T., Ritoniemi, T. An efficient approach for conversion between arbitrary sampling frequencies 114057
Saramaki, T. *see* Laakso, T.I. 86199
Saramaki, T. *see* Renfors, M. 83223
Saramaki, T. *see* Vainio, O. 108348
Saramourtsis, A.C. *see* Dokopoulos, P.S. 81365

Saran, H. *see* Ahuja, R. 87305
Saran, H. *see* Ahuja, R. 98401
Saran, P.S. Personal wireless communication–scenario in India 99250
Saranen, J. *see* Christiansen, S. 61077
Sarangan, A. *see* Li, G.P. 96427
Sarangan, A. *see* Makino, T. 85496
Sarangan, A.M., Huang, W.-P., Li, G.P., Makino, T. Selection of transverse oscillation modes in tilted ridge DFB lasers 96375
Sarangan, A.M., Huang, W.-P., Makino, T., Li, G.P. Dynamic single-transverse-mode properties of varying ridge width DFB laser arrays 107315
Sarangi, D. *see* Kumar, S. 104142
Sarangi, D. *see* Panwar, O.S. 106755
Sarantsev, V.P. *see* Dolbilov, G.V. 94192
Sarantsev, V.P. *see* Kaminsky, A.K. 96513
Sarap, B.K. *see* Sahoo, G. 78985
Saraph, G. *see* Lawson, W. 100481
Saraph, G.P., Antonsen, T.M., Jr., Nusinovich, G.S., Levush, B. A study of parametric instability in a harmonic gyrotron: designs of third harmonic gyrotrons at 94 GHz and 210 GHz 62583
Saraph, G.P., Lawson, W., Castle, M., Cheng, J., Calame, J.P., Nusinovich, G.S. 100-150 MW designs of two- and three-cavity gyroklystron amplifiers operating at the fundamental and second harmonics in X- and Ku-bands 105043
Saraph, G.P. *see* Lawson, W. 105044
Saraswat, K.C. Rapid thermal multiprocessing for a programmable factory for manufacturing of ICs 84178
Saraswat, K.C. *see* Abdel-Ati, W.L.N. 63365
Saraswat, K.C. *see* Bhat, N. 84404
Saraswat, K.C. *see* Cao, M. 84401
Saraswat, K.C. *see* Smeys, P.I.L. 63349
Sarat Babu, V. *see* Walivadekar, V.N. 111949
Sarath Kumar, P. *see* Sampath, A. 87964
Sarathi, R. *see* Venkateswarlu, V. 76457
Sarathy, J., Anselm, K.A., Streetman, B.G., Campbell, J.C. Very narrow linewidth tunable distributed Bragg reflector photodetector 79408
Sarau, B. *see* Nesemann, H. 79867
Saravanan, G.S. *see* Chandra, I. 104845
Saravanan, G.S. *see* Sehgal, B.K. 104844
Saravanan, M.G. *see* Sethuraman, S.K. 121927
Saravanan, R., Israel, S., Srinivasan, N., Mohanlal, S.K. Charge transfer in GaP and InP 62707
Saravanan, S. *see* Jothilingam, R. 83846
Saraya, T. *see* Ishikuro, H. 74722
Sarazan, R.D. *see* Yonezawa, Y. 80201
Sarbey, O. *see* Stasch, R. 62706
Sarbey, O.G. *see* Stasch, R. 114645
Sarbu, A., Desan, P., Andros, T., Iacovlev, V., Suruceanu, G., Snigur, A., Smantana, V. InGaAsP/InP laser diodes emitting at 1300 nm for optical communications 68360
Sarbu, M.-A. Sound intensity techniques reduce vacuum cleaner noise 103172
Sarca, O.V., Astola, J. Binary image filtering under noise distribution constraints 77350
Sarcevic, I. *see* Gandhi, R. 80113
Sardela, M.R., Jr. *see* Lee, N.-E. 92709
Sardela, M.R., Jr. *see* Lu, Q. 113362
Sardella, A., Bassan, M., Giudicotti, L., Lotto, L., Pasqualotto, R. Thermal characterization of high strip current microchannel plate photomultipliers [with pulsed power supply for fusion plasma diagnostics] 79530
Sardo, M. *see* Musumeci, S. 113751
Sardon, E. *see* Zarraoa, N. 80624
Sardu, G. *see* Gill, A. 90597
Sareni, B., Krahenbuhl, L., Beroual, A., Nicolas, A., Brosseau, C. A boundary integral equation method for the calculation of the effective permittivity of periodic composites 92962
Sarff, J.S. *see* Ji, H. 71346
Sarfi, R. *see* Salama, M.M.A. 121233
Sargeni, F., Bonaiuto, V. A 3×3 digitally programmable CNN chip 83282
Sargeni, F. *see* Salerno, M. 114180
Sargent, A.F. *see* Broadwater, R.P. 91150
Sargent, E.H., Pavlidis, D., Anis, H., Golinescu, N., Xu, J.M., Clayton, R., Kim, H.B. Longitudinal carrier density profiling in semiconductor lasers via spectral analysis of side spontaneous emission 96376
Sargent, G. Echo across the Web: a local newspaper on the Internet 98758
Sargent, J.D., Kelly, M.D., Bailey, J.S. RADIUS concept definition experiments 67479
Sargent, J.D. *see* Bailey, J.S. 67480
Sargent, S. *see* Garlick, D.S. 108649
Sarger, L. *see* Bousquet, B. 76209
Sarger, L. *see* Cardinal, T. 96732
Sarger, L. *see* Segonds, P. 79741
Sargos, F.M. *see* Afsharnia, S. 91493
Sargos, F.M. *see* Dufour, S. 71280
Sargos, F.M. *see* Dufour, S. 111924
Sargos, F.M. *see* Rabih, A. 102743
Sargunas, V., Thompson, D.A., Simmons, J.G. High energy He^+ bombardment of n-type InP 74530
Sari, H., Karam, G., Paxal, V., Maalej, K. Trellis-coded constant-envelope modulations with linear receivers 117148
Sari, H., Karam, G., Visintin, M. Comments on: "An adaptive DSP predistortion technique for radio systems" [and response] 68058
Sari, H. *see* Karam, G. 88808
Sari, H. *see* Levy, Y. 78346
Sari, H. *see* Woodward, B. 66576
Sari, H. *see* Woodward, B. 68538
Sari-Sarraf, H. *see* Tobin, K.W. 115279
Saribaev, A.S. *see* Abdurakhmanov, A. 119867
Sarid, D. *see* Ruskell, T.G. 84188
Saridakis, Y.G. Regions of exact convergence of the USSOR method applied on generalized consistently ordered matrices 103758
Saridakis, Y.G., Sifniotopoulos, C.G., Sotiropoulos, D.A. Finite element collocation approximation of the characteristic exponent in BVPs with periodic coefficients 72715
Sarika, K. *see* Panusopone, K. 98121
Sarikas, P.C. Harmonics survey within an industrial facility 111538
Sarikaya, B. *see* de Meer, J. 78220
Sarilar, Z. *see* Van Ackere, M. 118622
Sarin, S.G. *see* Korobeynikov, S.M. 64040
Sarin Vishal *see* Vishal Sarin
Sario, M.de *see* de Sario, M.
Sarita, S., Nagabhushan, P. Image sequence compression using adaptive wavelet packet 120700
Sariva, J.A.Gil *see* Gil Sariva, J.A.
Sarjeant, W.J., Staffiere, D.T. A report on capacitors 62381
Sark, W.G.J.H.M.Van *see* Van Sark, W.G.J.H.M.
Sarkaniemi, J. *see* Lahtinen, M. 95414
Sarkar, A. Reliability evaluation of a generation-resource plan using customer-outage costs in India 91247
Sarkar, A., Ghosh, S., Joshi, R., Kanjilal, D., Roy, A., Bhowmik, R.K. Calibration of the energy analyzing magnet of the NSC Pelletron using a differential time of flight technique 69607
Sarkar, A., Ray, S.K., Dhar, A., Bhattacharya, D., Chopra, K.L. In situ grown superconducting YBCO films on buffered silicon substrates for device applications 82719
Sarkar, A., Shrestha, R.M. Integrated analysis of customer value of generation system reliability in India 121040
Sarkar, A.K., Chaudhuri, P.K. Solution of an equiweighted minimax location problem on a hemisphere 82474
Sarkar, A.K., Mondal, S.K., Ghosh, A.K., Deb, G.K. EMI control methodologies–application in a low cost TV demodulator system 79143
Sarkar, B. *see* Shrivastava, M.K. 122105
Sarkar, B.C., Sarkar, N. A new phase tracking loop for burst synchronization 73511
Sarkar, B.N. *see* Balasubramanyam, P.V. 80831
Sarkar, C.K. *see* Bhaumik, S. 105189
Sarkar, C.K. *see* Samanta, P. 106241
Sarkar, D. Boolean function-based approach for encoding of binary images 86949
Sarkar, D. *see* Akyildiz, I.F. 67779
Sarkar, G., Deb, A., Sen, S.K. Microprocessor based sequence identifier for balanced multiphase systems 90916
Sarkar, N. *see* Sarkar, B.C. 73511
Sarkar, P., Bailey, M. CNI: a high-performance network interface for workstation clusters 109097
Sarkar, S., Basu, A., Majumdar, A.K. Representation and synthesis of interface of a circuit for its reuse [VLSI design] 95154
Sarkar, S., Boyer, K.L. Quantitative measures of change based on feature organization: eigenvalues and eigenvectors 86417
Sarkar, S., Poor, H.V. Finite field wavelet transforms and multilevel error protection 66456
Sarkar, S. *see* Heath, M. 86790
Sarkar, S. *see* Shridhar, L. 81370
Sarkar, S. *see* Tsai, M.C. 88700
Sarkar, S.K., Chattopadhyay, D. Calculation of one-dimensional hot-electron mobility in GaAs quantum wires at microwave and millimeterwave frequencies 83923
Sarkar, S.K. *see* Bhadra, S.K. 104253
Sarkar, S.K. *see* Dabas, R.S. 85869
Sarkar, S.K. *see* Ghosh, P.K. 105396
Sarkar, S.K. *see* Ghosh, P.K. 105437
Sarkar, S.N. Fault withstand capability of low tension electric motor terminal box 81404
Sarkar, S.N. *see* Mondal, S.K. 75452
Sarkar, T.K. Power electronics in India–retrospect and prospects 104349
Sarkar, T.K., Adve, R.S., Maricevic, Z.A., Palma, M.S. Utilization of the matrix pencil technique for determining modal propagation characteristics of printed circuits [microstrip structures] 83311
Sarkar, T.K., Garcia-Castillo, L.E., Salazar-Palma, M., Roy, T., Adve, R. Utilization of wavelet concepts for an efficient solution of Maxwell's equations 96880
Sarkar, T.K., Narayana, S.M., Wang, H., Wicks, M., Salazar-Palma, M. Wavelets and T-pulses 97058
Sarkar, T.K., Park, S., Koh, J., Schneible, R.A. A deterministic least squares approach to adaptive antennas 108009
Sarkar, T.K. *see* Adve, R.S. 82531
Sarkar, T.K. *see* Adve, R.S. 97075
Sarkar, T.K. *see* Fernandez del Rio, J.E. 77047
Sarkar, T.K. *see* Narayana, S.M. 86292
Sarkar, T.K. *see* Narayana, S.M. 113068
Sarkar, T.K. *see* Roy, T. 97079
Sarkar, T.K. *see* Roy, T. 97092
Sarkar, T.K. *see* Sengupta, D.L. 103533
Sarkar, T.K. *see* Taaghol, A. 108005
Sarkies, K.W. *see* Dohun Kwon 118889
Sarkis, J., Nehman, G., Priest, J. A systemic evaluation model for environmentally conscious business practices and strategy 72188
Sarkisov, S.S., Wilkosz, A., Venkateswarlu, P. Nonlinear optical waveguides based on polymeric films doped with phthalocyanines 95746
Sarkissian, G. *see* Chikamatsu, K. 73754
Sarkissian, G. *see* Tanaka, W. 73755
Sarkissyan, A.G. Solar energy conversion at semiconductor-electrolyte junctions 112330
Sarkisyan, D., Torosyan, G., Pokhsrarian, K., Petrossian, K. Fifth harmonic generation and measurements of the 7th order correlation vapor 76175
Sarkisyan, D.H., Papoyan, A.V. Frequency-stabilized high-power ruby laser Q switched by Rb_2 vapor 85441
Sarklo, P. *see* Leskela, T. 103968
Sarkodie-Gyan, T., Chun-Wah Lam, Dezhong Hong, Campbell, A.W. A fuzzy clustering method for efficient 2-D object recognition 117699
Sarkodie-Gyan, T. *see* Dawson, M. 120259
Sarkodie-Gyan, T. *see* Dezhong Hong 87109
Sarkodie-Gyan, T. *see* Dezhong Hong 117702
Sarkodie-Gyan, T. *see* Lam, C.W. 87127
Sarlioglu, B. *see* Lipo, T.A. 91437
Sarma, A.D., Prasad, M.V.S.N., Balakrishna, B. Significance of rain-induced attenuation and multipath in the design of digital microwave links 65849
Sarma, B. *see* Hucho, C. 106642
Sarma, B.K. *see* Fredricksen, H. 106442
Sarma, B.K. *see* Gang Zhou 82748
Sarma, B.K. *see* Hong Zhang 106643
Sarma, D.H.R., Richter, F.E., McDermott, M.G., Needes, C.R.S., McCormick, C.J., Anderson, D.K. Multilayer materials system for automotive applications 91922
Sarma, H. Accelerated life tests on a new water tree retardant insulation for power cables 121162
Sarma, J. *see* Williams, K.A. 65245
Sarma, K.R., Rogers, C., Chanley, C. Silicon-on-quartz (SOQ) for high-resolution liquid-crystal light valves 100201
Sarma, R.D., Ajmal, N. A new approach to fuzzy topological spaces and fuzzy perfect mappings 72503
Sarma, S.S., Majumdar, M., Bhaumik, S. In search of some low cost restricted channel routing algorithms and novelty in complexity analysis 61572
Sarma Maruvada, P. *see* Blondin, J.-P. 90624
Sarmento, A.D. Modulation characteristics of multiple quantum-well lasers including coupling effects between wells 75988
Sarmento, A.D., Ferreira, M.F. Small-signal response of a $\lambda/4$-shifted MQW DFB laser as a three-level system 107238
Sarmento, H. *see* Sousa, A. 88168
Sarmiento, R. *see* Lopez, J.F. 93224
Sarnet, T., Autric, M. Surface treatment of metallic alloys by ultraviolet laser 103419
Sarno, G.C. *see* Farina, A. 101655
Sarnoff, D. *see* Yost, T.A. 73766
Saroun, J. *see* Kulda, J. 120043
Sarpeshkar, R., Kramer, J., Indiveri, G., Koch, C. Analog VLSI architectures for motion processing: from fundamental limits to system applications 77508
Sarrabayrouse, G. *see* Bosc, J.M. 106185
Sarrabayrouse, G. *see* Boukezzata, M. 105661
Sarrabayrouse, G. *see* Boukezzata, M. 114984
Sarrabayrouse, G. *see* Laporte, A. 63202
Sarrabayrouse, G. *see* Vettese, F. 80532
Sarrabayrouse, G. *see* Vettese, F. 110604
Sarrabayrouse, G. *(editor)* RADECS 95. Third European Conference on Radiation and its Effects on Components and Systems (Cat. No.95TH8147) 103247
Sarrabayrouse, G.J. *see* Aassime, A. 105507
Sarrafzadeh, M. *see* De-Sheng Chen 83026
Sarraj, M. *see* Zimmerman, T. 90212
Sarraj, M. *see* Zimmerman, T. 100935
Sarremejean, A. *see* Reynaud, M. 109818
Sarri, F. *see* Ciucci, A. 111302
Sarro, P. *see* Bolliger, D. 79428
Sarro, P.M. *see* Cocorullo, G. 88547
Sarro, P.M. *see* French, P.J. 82813
Sarro, P.M. *see* French, P.J. 106258
Sarro, P.M. *see* Gennissen, P.T.J. 84665
Sarro, P.M. *see* Leguijt, C. 102983
Sarro, P.M. *see* Setiadi, D. 89065
Sarsa, M.L. *see* Girard, T.A. 80093
Sarshar, A., Sharp, M., Iravanl, R.M. Analyses of harmonic and transient phenomena due to operation of an AC arc furnace 91945
Sarshar, A. *see* Iravani, M.R. 91033
Sarstedt, M., Herz, P., Kunkel, W.B., Lee, Y., Leung, K.N., Perkins, L., Pickard, D., Weber, M., Williams, M.D., Hammel, E. Energy spread of ion beams generated in multicusp ion sources 100784
Sarstedt, M. *see* Lee, Y. 90103
Sarti, M.A. *see* Inesta, J.M. 117604
Sarto, M.S. *see* Celozzi, S. 65895
Sarto, M.S. *see* D'Amore, M. 65910
Sarto, M.S. *see* D'Amore, M. 65911
Sarto, M.S. *see* D'Amore, M. 97183
Sarto, M.S. *see* D'Amore, M. 111436
Sarto, M.S. *see* Graglia, R.D. 97261
Sartor, M.A., Hoyt, C. Intensified multispectral imaging using tunable filtering 79561
Sartori, C. *see* Artiglia, M. 64679

Sartori, C. *see* Oltra, R. 94795
Sartori, G. *see* Benati, A. 121897
Sartori, I. *see* Romani, A. 90519
Sartori, M. Contactless testing using EB techniques: an important support to the debug of modern VLSI 63837
Sartori, P. *see* Eliseev, P.G. 96034
Sartori, P. *see* Perlin, P. 107006
Sartori, S. Intelligent devices: referability in Italy quality system 68957
Sartorius, B., Mohrle, M. Direct modulation of lasers by dispersive threshold switching 96422
Sartorius, B., Mohrle, M. Mirror modulated lasers: a concept for high speed transmitters 109640
Sartorius, B., Mohrle, M., Malchow, S., Reichenbacher, S. Wavelength and polarisation independent all optical synchronisation of high frequency DFB type self-pulsations 68502
Sartorius, R. *see* Peter, H. 64162
Sarukura, N. *see* Baryshnikov, V.I. 107175
Sarukura, N. *see* Zhenlin Liu 116446
Sarusi, G., Gunapala, S.D., Park, J.S., Liu, J.K., Lin, T.L., Maker, P.D., Muller, R.E., Levine, B.F. 15 μm cut-off 128×128 quantum well infrared photodetectors (QWIPs) camera 69295
Saruwatari, E. *see* Feng-Zhen Guo 116114
Saruwatari, M. *see* Kawanishi, S. 68376
Saruwatari, M. *see* Kawanishi, S. 88647
Saruwatari, M. *see* Morioka, T. 68369
Saruwatari, M. *see* Morioka, T. 78783
Saruwatari, M. *see* Morioka, T. 88644
Saruwatari, M. *see* Takara, H. 88600
Saruwatari, M. *see* Uchiyama, K. 99551
Saruwatari, M. *see* Uchiyama, K. 118740
Sarv, V. Switched-inductor and switched-transformer active power filters for harmonic reduction and unsymmetry compensation 91657
Sarvazyan, A.P. *see* Pashko, D.A. 110661
Sarvesh, B. *see* Pal, J. 60824
Sarvis, J.P., Trott, M.D. Useful groups for trellis codes 66405
Sarwade, J.R. *see* Gundurao, T.K. 85268
Sarwar, M., Li, J., Penlington, R., Ahmed, W. Development of thermal imaging systems for metal cutting applications 89175
Sarwar, S. *see* Agnello, M. 110583
Sarwate, D.V. *see* Srinivasan, M. 99090
Sarzala, R.P. Finite-element thermal model for monolithic linear arrays of GaAs-AlGaAs strip-buried-heterostructure diode lasers 65274
Sarzala, R.P., Nakwaski, W., Osinski, M. Finite-element comprehensive thermal modeling of proton-implanted top-surface-emitting lasers 65328
Sarzala, R.P. *see* Nakwaski, W. 76025
Sas, P. *see* Mas, P. 110469
Sasa, K., Oguri, Y., Okamura, M., Okada, M., Ito, T., Hayashizaki, N., Hattori, T. Fine-focusing system of intense beams for application of ion-induced plasma 100757
Sasa, K. *see* Ito, T. 100752
Sasa, S. *see* Iwai, T. 63614
Sasa, S. *see* Kono, J. 105391
Sasabe, H. *see* Ashitaka, H. 76245
Sasabe, H. *see* Isoshima, T. 85586
Sasabe, H. *see* Kajikawa, K. 85593
Sasabe, H. *see* Liming Wang 76165
Sasabe, H. *see* Sokoloff, J.P. 76159
Sasabe, H. *see* Tian, M. 85624
Sasabe, H. *see* Wada, T. 84934
Sasabe, H. *see* Wang, L. 95625
Sasabe, H. *see* Yadong Zhang 76164
Sasabe, H. *see* Yanagi, S. 85635
Sasabe, H. *see* Yong Gun Shul 85653
Sasada, I., Watanabe, N. A new magnetic bar code system based on a magnetic anisotropy detection 75290
Sasada, I., Yamamoto, T., Yamauchi, T. Large shielding factor obtained by a multiple-shell magnetic shield having separate magnetic shaking 64463
Sasae, K., Ioi, K., Ohtsuki, Y., Kurosaki, Y. Development of a small actuator with three degrees of rotational freedom (3rd report)–design and experiment of a spherical actuator 91700
Sasae, K. *see* Ioi, K. 121519
Sasagawa, E. *see* Murata, M. 61367
Sasagawa, H. *see* Nakatsuru, Y. 70909
Sasagawa, K., Yamauchi, T., Saka, M., Abe, H. Numerical simulation of electromigration in angled metal line 112888
Sasai, Y. *see* Nishikawa, T. 72801
Sasai, Y. *see* Ohkawa, K. 72786
Sasai, Y. *see* Tsujimura, A. 96327
Sasai, Y. *see* Yoshii, S. 65264
Sasajima, Y. *see* Ozawa, S. 60812
Sasakawa, T. Preliminary design of magnetic shielding by FEM 112567
Sasakawa, Y., Takezawa, S., Sugawara, Y., Kyotani, Y. The superconducting MHD-propelled ship YAMATO-1 122024
Sasaki, A. Initial growth layers and critical thickness of InAs heteroepitaxy on GaAs substrates 61181
Sasaki, A. Atomic scale study of InAs/GaAs heteroepitaxy 82646
Sasaki, A., Nakajima, A. Trend of next generation mobile telecommunication systems 99331
Sasaki, A. *see* Ashizawa, Y. 63103
Sasaki, A. *see* Hamada, H. 74735
Sasaki, A. *see* Iwata, F. 69514
Sasaki, A. *see* Kusunoki, A. 71198
Sasaki, A. *see* Maruyama, K. 100989
Sasaki, A. *see* Noda, S. 95626
Sasaki, A. *see* Ohska, T.K. 100980
Sasaki, A. *see* Uno, K. 74435
Sasaki, A. *see* Wakahara, A. 104070
Sasaki, C. *see* Ishikawa, Y. 71194
Sasaki, D.M. *see* Singer, P.F. 108294
Sasaki, D.M. *see* Singer, P.F. 108550
Sasaki, F. *see* Haraichi, S. 74549
Sasaki, F. *see* Takasu, H. 93840
Sasaki, F. *see* Tsunetomo, K. 76232
Sasaki, F. *see* Yamada, Y. 83822
Sasaki, H. Multimedia complex on a chip 73421
Sasaki, H. Trends of flat displays in the multimedia age 119796
Sasaki, H., Ishihara, M., Toda, A., Matsumoto, T. 3D sensor and LSI appearance inspection system 95129
Sasaki, H., Kamei, M., Iijima, A., Shimizu, Y., Mizutani, Y. PC-NTSC scan converter LSI 73410
Sasaki, H., Mauduit, N., Jian Ma, Fainman, Y., Lee, S.H., Gray, M.S. Dynamic digital photorefractive memory for optoelectronic neural network learning modules 95907
Sasaki, H., Miyashita, K., Ishikawa, T., Sugawara, H., Yamaguchi, K. The testing environment for ESS software with ADAM and ESP 68015
Sasaki, H., Ono, M., Yoshitomi, T., Ohguro, T., Nakamura, S., Saito, M., Iwai, H. 1.5 nm direct-tunneling gate oxide Si MOSFET's 94954
Sasaki, H., Shinozaki, K., Kamijoh, T. Relay-lens focused Gaussian micro optical system for free-space optical interconnections 85338
Sasaki, H., Suzuki, M., Sogi, T., Kajimura, A., Yagasaki, E. Current status of the fundamental studies on SOFC at Osaka Gas 81767
Sasaki, H., Takiuchi, Y., Kukobawa, J. An application of artificial neural networks to maintenance scheduling covering of thermal units over several consecutive years 102425
Sasaki, H., Yahara, M., Takashima, T. An 1/n frequency divider based on integral type astable multivibrator using SC circuit 83277
Sasaki, H., Yajima, K., Yoshida, N., Ishida, T., Hattori, R., Sonoda, T., Ishihara, O., Takamiya, S., Konishi, R., Ando, K. Reliability of AlInAs/InGaAs/InP HEMT with WSi ohmic contacts 63772
Sasaki, H. *see* Endo, A. 81810
Sasaki, H. *see* Hua Wei 80758
Sasaki, H. *see* Ishikawa, F. 101751
Sasaki, H. *see* Kawahara, K. 102256
Sasaki, H. *see* Nagata, T. 80775
Sasaki, H. *see* Shimizu, Y. 104568
Sasaki, H. *see* Yamada, K. 81971
Sasaki, H. *see* Yamamura, T. 81826
Sasaki, I., Aoki, K. A generating method of spread spectrum codes by chaos 99124
Sasaki, I., Arita, I., Suzuki, Y., Yanagisawa, T., Yamamoto, K., Kato, H. Magic-square-method frame-rate-control technology 89292
Sasaki, I., Kato, M., Hatsuda, T. Wave form conversion effect in cascaded-dual EDFA's and its application to optical switches 85384
Sasaki, I. *see* Hatsuda, T. 88394
Sasaki, J. Murata's development centers on high-tech ceramic parts 109444
Sasaki, J. *see* Itoh, M. 112915
Sasaki, J. *see* Itoh, M. 116242
Sasaki, K. Self-mode locking of a hybrid CO$_2$ laser with two transversely excited atmosphere sections 75813
Sasaki, K. Development of a plasma shutter for fast truncation of CO$_2$ laser beams 76087
Sasaki, K., Masuhara, H. Blind-deconvolution analysis of transient curves by the use of a convolved autoregressive model 117531
Sasaki, K., Nagamura, T. Analysis of molecular orientation in photoresponsive organic thin films by highly sensitive optical waveguide polarized detection system 75393
Sasaki, K., Nagatsu, M., Tsukishima, T. Numerical simulation of an optically-pumped 385 μm-D$_2$O laser based on the semiclassical laser theory 65051
Sasaki, K., Ura, K., Kadota, K. Diagnostics of positive and negative ions in high-density CF$_4$ plasmas by time-of-flight mass spectrometry 112873
Sasaki, K., Wurth, J.P., Godickemeier, M., Mitterdorfer, A., Gauckler, L.J. Processing-micro-structure-property relations of solid oxide fuel cell cathodes 81814
Sasaki, K. *see* Dobashii, T. 73829
Sasaki, K. *see* Godickemeier, M. 81856
Sasaki, K. *see* Horinouchi, S. 76150
Sasaki, K. *see* Horinouchi, S. 76261
Sasaki, K. *see* Horinouchi, S. 85674
Sasaki, K. *see* Horinouchi, S. 116724
Sasaki, K. *see* Ishida, R. 78546
Sasaki, K. *see* Ishii, K. 75828
Sasaki, K. *see* Kaminskii, A.A. 76154
Sasaki, K. *see* Kim, E.S. 76257
Sasaki, K. *see* Ohta, A. 94827
Sasaki, K. *see* Suda, T. 114675
Sasaki, K. *see* Takeyama, M. 63145
Sasaki, K. *see* Takeyama, M. 83984
Sasaki, K. *see* Takeyama, M. 94816
Sasaki, K. *see* Tomizawa, T. 75827
Sasaki, K. *see* Tomono, T. 76169
Sasaki, K. *see* Yamakawa, S. 76259
Sasaki, K. *see* Yamamoto, H. 65488
Sasaki, K. *see* Yamamoto, H. 76258
Sasaki, K. *see* Yamamoto, H. 85048
Sasaki, K. *see* Yamane, M. 93955
Sasaki, K. *see* Yanagi, S. 85635
Sasaki, K. *see* Yanagisawa, H. 74630
Sasaki, M., Hayashi, N., Kawano, H., Tani, M., Horikoshi, E., Sato, T. Aluminum wiring on the polymer blend dielectric film [MCM-D] 104977
Sasaki, M., Ito, H., Horiuchi, T. A new method to determine effective channel length, series resistance and threshold voltage 115197
Sasaki, M., Suzuki, M., Murata, K. Remote sensing of snowpack by microwave radiometer mounted on satellite 101504
Sasaki, M., Yokata, T., Gen, M. A method for solving fuzzy optimal reliability design problem by genetic algorithm 82325
Sasaki, M. *see* Emerald, P. 82947
Sasaki, M. *see* Hishikawa, Y. 103018
Sasaki, M. *see* Ishizuka, Y. 83208
Sasaki, M. *see* Kato, T. 70470
Sasaki, M. *see* Mitsuoka, S. 69650
Sasaki, M. *see* Moriyama, S. 109853
Sasaki, M. *see* Nakahara, S. 108916
Sasaki, M. *see* Nishiguchi, I. 107753
Sasaki, M. *see* Noguchi, K. 60699
Sasaki, M. *see* Noguchi, K. 119661
Sasaki, M. *see* Ohara, H. 98190
Sasaki, M. *see* Tanaka, N. 69283
Sasaki, M. *see* Yoshida, S. 103931
Sasaki, M. *see* Yoshida, S. 105626
Sasaki, N., Tamura, T., Nojima, S., Kikuchi, T. Intelligent remote supervisory control equipment for Tokyo Electric Power Co., Inc 101950
Sasaki, N. *see* Guang Yuan Zhao 61258
Sasaki, N. *see* Tosaka, S. 111636
Sasaki, O. *see* Dai, X. 119914
Sasaki, O. *see* Kasuga, S. 80014
Sasaki, S., Kikuchi, H., Zhu, J., Marubayashi, G. Performance of differential multiphase parallel combinatory spread spectrum communication systems 118800
Sasaki, S., Nakagawa, G., Tanaka, K., Miura, K., Yano, M. Marker alignment method for passive laser coupling on silicon waferboard 95686
Sasaki, S., Tanaka, N., Yamaguchi, S., Nakamura, M., Hayashi, T. An optical active connector: an optical interconnect module with an electrical connector interface 119226
Sasaki, S. *see* Abe, Y. 77078
Sasaki, S. *see* Chung, Y. 100613
Sasaki, S. *see* Fukata, N. 94221
Sasaki, S. *see* Kawamata, M. 62031
Sasaki, S. *see* Kikuchi, N. 68527
Sasaki, S. *see* Maruno, T. 85047
Sasaki, S. *see* Nakagawa, G. 78930
Sasaki, S. *see* Takao, M. 100453
Sasaki, S. *see* Yamada-Maruo, Y. 64600
Sasaki, T., Ichikawa, Y. Effect of ion bombardment during plasma CVD on the film properties of a-Si:H studied by IEC plasma CVD 92886
Sasaki, T., Itoh, I. Magnetic shielding by Nb-Ti multilayer cylinder 75333
Sasaki, T., Mori, Y., Obana, T., Yoshimura, M., Ohnishi, N., Fukuda, T. Generation of blue light by using potassium lithium niobate crystal 76260
Sasaki, T., Uchiike, H. Computer simulation of barrier-ribs electrode AC plasma displays 110305
Sasaki, T. *see* Bhar, G.C. 116655
Sasaki, T. *see* Jiang, N. 94233
Sasaki, T. *see* Kawahara, A. 69275
Sasaki, T. *see* Kitanoya, J. 112896
Sasaki, T. *see* Kitaoka, Y. 96161
Sasaki, T. *see* Mitani, S. 116002
Sasaki, T. *see* Miyamoto, A. 95633
Sasaki, T. *see* Mori, H. 62754
Sasaki, T. *see* Mori, Y. 85615
Sasaki, T. *see* Mori, Y. 96681
Sasaki, T. *see* Naruse, H. 109947
Sasaki, T. *see* Okamoto, H. 100326
Sasaki, T. *see* Ono, K. 119817
Sasaki, T. *see* Saeki, M. 85626
Sasaki, T. *see* Sugimoto, M. 95523
Sasaki, T. *see* Takano, Y. 92752
Sasaki, T. *see* Tamanuki, T. 65230
Sasaki, T. *see* Watanabe, M.O. 114680
Sasaki, T. *see* Won, J.H. 61374
Sasaki, T. *see* Yamada, T. 96403
Sasaki, T. *see* Yamaguchi, T. 105672
Sasaki, T. *see* Yanagi, H. 113337
Sasaki, T. *see* Yap, Y.K. 107609
Sasaki, T. *see* Yoshida, H. 106873
Sasaki, T.A. *see* Konishi, H. 69911
Sasaki, Y., Tanino, N., Mitsui, S. Integrated CAD system for an MMIC using symbolic layout 73770
Sasaki, Y. *see* Chaki, S. 93862
Sasaki, Y. *see* Chen, P. 60694
Sasaki, Y. *see* Hinode, K. 94831
Sasaki, Y. *see* Kita, E. 113469
Sasaki, Y. *see* Kohno, A. 112908
Sasaki, Y. *see* Kudoh, T. 120269
Sasaki, Y. *see* Nishioka, H. 116640
Sasaki, Y. *see* Tanaka, H. 83329
Sasaki, Y. *see* Tomida, S. 78934
Sasaki, Y. *see* Yamamoto, K. 62337
Sasaki, Y. *see* Yano, K. 61854

Sasaki, Y. *see* Yonehara, H. 89802
Sasaki, Y. *see* Yoshino, T. 76026
Sasakii, H. *see* Honda, K. 101866
Sasala, R.A. *see* Zhou, T.X. 112337
Sasano, H. *see* Morii, M. 76808
Sasano, T. *see* Deguchi, K. 110665
Sasano, T. *see* Ishiguro, E. 84145
Sasano, T. *see* Ohashi, H. 74590
Sasao, H. *see* Horinouchi, K. 91684
Sasao, T. *see* Koda, N. 104459
Sasaoka, E. *see* Kato, T. 95700
Sasaoka, H. *see* Kamio, Y. 118993
Sasaoka, H. *see* Minami, H. 118890
Sasaoka, H. *see* Moriyama, E. 68118
Sasaoka, K. *see* Wada, Y. 92260
Sasaoka, T., Nomoto, A., Sato, J., Kuma, S. E-J characteristics of dozens of meters-long Ag sheathed Bi-2223 wire 84866
Sasaoka, T. *see* Fukushima, K. 91774
Sasaoka, Y. *see* Seki, M. 109915
Sasaoka, Y. *see* Takahashi, K. 89428
Sasase, I. *see* Ariyoshi, M. 117139
Sasase, I. *see* Asano, M. 99536
Sasase, I. *see* Ehara, N. 78960
Sasase, I. *see* Enomoto, K. 88125
Sasase, I. *see* Fukumoto, S. 99164
Sasase, I. *see* Fukumoto, S. 99297
Sasase, I. *see* Gamachi, Y. 87372
Sasase, I. *see* Gamachi, Y. 99525
Sasase, I. *see* Hayashi, S. 66265
Sasase, I. *see* Oda, N. 99394
Sasase, I. *see* Ohtsuki, T. 68390
Sasase, I. *see* Ohtsuki, T. 87371
Sasase, I. *see* Ohtsuki, T. 117131
Sasase, I. *see* Ohtsuki, T. 118071
Sasase, I. *see* Sato, K. 109650
Sasase, I. *see* Shiokawa, S. 87269
Sasase, I. *see* Sugihara, A. 87383
Sasase, I. *see* Takemori, K. 77716
Sasase, I. *see* Uehara, H. 78746
Sasase, I. *see* Umayabashi, M. 98431
Sasase, I. *see* Yoshihashi, N. 98436
Sasase, M., Takano, I., Isobe, S., Yokoyama, S. Electrical properties of rutile-type TiO_2 thin films prepared by ion beam assisted reactive deposition method 113457
Sasatani, Y. *see* Adachi, K. 81503
Sasayama, K. *see* Yamada, Y. 78696
Sasazawa, T. *see* Xinhua Ye 64465
Sase, T. *see* Ohta, A. 94827
Sase, T. *see* Takeyama, M. 63145
Sashchuk, A.P. *see* Konin, A.M. 114570
Sashchuk, A.P. *see* Konin, A.M. 119829
Sashida, N., Nagata, S., Kurazume, R. Hierarchical information integration system using Bayesian estimation 87048
Sashin, D. *see* Beyer, T. 70067
Sashin, D. *see* Kinahan, P.E. 101113
Sashin, D. *see* Townsend, D. 80237
Sashin, V.A. *see* Aleev, A.N. 120186
Sasi, S., Singh Bedi, J. Fuzzy-neuro identification system for handwritten characters 87136
Sasiadek, J.Z. *see* Yousefi-Koma, A. 106406
Sasian, J.M. *see* Lentine, A.L. 99018
Sasian, J.M. *see* Reiley, D.J. 88056
Sasidhar, K., Chatterjee, A. Hierarchical probabilistic diagnosis of MCMs on large-area substrates 94151
Sasidhar, K., Chatterjee, A., Zorian, Y. Relay propagation scheme for testing of MCMs on large area substrates 73905
Sasidhar, K., Chattopadhyay, S., Chaudhuri, P.P. CAA decoder for cellular automata based byte error correcting code 117154
Sasidhara Rao, P. *see* Vasudevan, K. 111976
Sasik, J., Belansky, J. Evaluation of uncertainty in measurement using six-component sensors 69084
Sasik, J., Belansky, J. Expression of uncertainty in measurement using multicomponent sensors 99814
Sasikala, S. *see* Ravichandran, D. 85255
Saslow, W.M. What happens when you leave the car lights on overnight: violation of local electroneutrality in slow, steady discharge of a lead-acid cell 81709
Sasmal, R.P. *see* Dube, S.K. 81005
Sasou, A. *see* Saito, H. 108229
Sasou, A. *see* Umoto, I. 97610
Sass, R. *see* Hendrickson, L. 100556
Sass, R. *see* Krunz, M. 77077
Sass, R. *see* Minty, M.G. 89653
Sassa, T., Sakurai, W., Umegaki, S. Self-organized quasi-phase matching in frequency doubling using nonlinear-optical photoconducting polymers 107527
Sassa, T. *see* Nakai, H. 92860
Sassano, A. *see* Zajac, A. 99146
Sassaroli, E. *see* Widom, A. 104297
Sasse, A., Watson, A. Remote language teaching over SuperJANET: the ReLaTe project 87942
Sasse, E. *see* Wollitzer, M. 79006
Sasselli, R. *see* Goodman, J. 97098
Sassene, D.Haoues *see* Haoues Sassene, D.
Sasser, G.E. *see* Havranek, J.J. 114515
Sasson, O. *see* Linial, N. 97490
Sassone, G. *see* Dallago, E. 119503
Sastikumar, D., Arokiasamy, A., Ganesh, K.S., Selvan, S.M.S. Measurement of diameters of electrical wires using laser with microprocessor 107653
Sastikumar, D., Moses, V.N.P., Ganesh, K.S. Measurement of rate of gas flow using optoelectronic technique 110459
Sastre, A. *see* Diaz-Garcia, M.A. 85631
Sastre, A. *see* Diaz-Garcia, M.A. 107548
Sastre, R. *see* Costela, A. 96123
Sastre, R. *see* Costela, A. 107136
Sastre, R. *see* Costela, A. 116388
Sastre, R. *see* Fimia, A. 116753
Sastry, C.V. *see* Pradhan, J. 66556
Sastry, I.S. Control architectures of digital switching systems 118717
Sastry, R.V.S., Rajgopal, K. ECG compression using wavelet transform 120423
Sastry, R.V.S. *see* Ramakrishnan, A.G. 120428
Sastry, R.V.S. *see* Sita, G. 120447
Sastry, S., VanMeter, J.W., Carson, R.E. Multimodality Bayesian algorithm for image reconstruction in positron emission tomography 101325
Sastry, S.T. *see* Chopra, S. 113169
Sastry, V.S., Shook, R.L. Diffusion modeling for the analysis of moisture induced damage during solder reflow of plastic surface mount ICs 92247
Sastry, V.S. *see* Arumugam, S. 110422
Sastry, V.S. *see* Shook, R.L. 82267
Sastry, V.V., Ganesh, P.S., Madhavi, V. High performance induction motor controller using thyristor voltage feedback 111947
Sastry, V.V. *see* Jeyappragash, J.J. 121621
Sastry, V.V. *see* Kagalwala, R. 111590
Sastry, V.V. *see* Raju, N.R. 121007
Satake, A. *see* Nashiki, M. 91470
Satake, H., Yasuda, N., Takagi, S.-I., Toriumi, A. Correlation between two dielectric breakdown mechanisms in ultra-thin gate oxides 94619
Satake, K. *see* Tsuda, I. 113919
Satake, T., Tatsuno, T., Ouchi, Y., Knasel, D., Knight, K., Lundberg, J., Keller, D. Single-mode multifiber connector design and performance 116046
Satake, T. *see* Okamoto, S. 75477
Satalino, G. *see* Blonda, P. 110766
Satapathy, S. *see* Panda, A.K. 74682
Satchell, S., Clifford, H.B.J. Internet video: small isn't beautiful 87655
Satherley, B.L. *see* Oakley, J.P. 67000
Sathiakumar, I. *see* Hui, S.Y.R. 71424
Sathiakumar, S. *see* Alves, A.P. 91457
Sathiakumar, S. *see* Hui, S.Y.R. 121743
Sathou, T. *see* Murata, M. 91182
Sathyanarayanan, A., Aggrwal, A., Chand, S. Case study–MRI facility in hospital environment 80244
Satish, J. *see* Billinton, R. 70767
Satish, J. *see* Billinton, R. 80971
Satish Kumar, M. *see* Kanchana, G. 70339
Satka, A. *see* Kovac, J. 100046
Satnislaus, T.D.S. *see* Szymanski, J.J. 110589
Sato, A., Aoki, K. Reliable hints for understanding images based on complex relations 86660
Sato, A., Aoki, K. Description of middle level knowledge of images using complex relations 98150
Sato, A., Yamagishi, M., Cookson, L., Nomura, Y. Development of an adjustment free audio tuner IC 109867
Sato, A., Yamashita, S., Kawarada, H. Scanning tunneling microscopy and spectroscopy for studying hydrogen-terminated homoepitaxial diamond surfaces 114578
Sato, A. *see* Cho, H. 89574
Sato, A. *see* Cho, H. 104216
Sato, A. *see* Kawahara, T. 73347
Sato, A. *see* Momose, S. 115762
Sato, A. *see* Nakamura, T. 72269
Sato, C. *see* Kimura, N. 68030
Sato, C. *see* Sakuma, S. 86361
Sato, C. *see* Takayama, J. 118661
Sato, D.L., Lee, H.P., Kuo, J.M., Kuo, H.C. In-situ pyrometric interferometry monitoring of $In_{0.5}Ga_{0.5}P/In_{0.5}Al_{0.5}P$ material systems during gas-source molecular beam epitaxy growth 103865
Sato, D.L. *see* Lee, H.P. 82674
Sato, E., Hihara, H., Ozawa, S., Shimizu, T. PLC star coupler module 119160
Sato, E., Makino, H., Kuroda, H., Shinohara, M., Ishii, I., Nakashizuka, M. Development of a skeletal muscle stimulator that responds to muscle stress 110878
Sato, E.A.S. *see* Morais, J. 63117
Sato, F., Hashimoto, T., Tatsumi, T., Soda, M., Tezuka, H., Suzaki, T., Tashiro, T. A self-aligned SiGe base bipolar technology using cold wall UHV/CVD and its application to optical communication ICs 63906
Sato, F., Tezuka, H., Soda, M., Hashimoto, T., Suzaki, T., Tatsumi, T., Morikawa, T., Tashiro, T. The optical terminal IC: A 2.4 Gb/s receiver and a 1:16 demultiplexer in one chip 68437
Sato, F., Tezuka, H., Soda, M., Hashimoto, T., Suzaki, T., Tatsumi, T., Morikawa, T., Tashiro, T. A 2.4 Gb/s receiver and a 1:16 demultiplexer in one chip using a super self-aligned selectively grown SiGe base (SSSB) bipolar transistor 119167
Sato, F., Tsuji, H., Okubo, Y., Maesoba, T., Uchiyama, M., Shimojo, T. Development of a new fluorescent lamp with hybrid cathode for LCD backlighting 89329
Sato, F. *see* Gotoh, K. 94176
Sato, F. *see* Hashimoto, T. 84328
Sato, F. *see* Hiroyama, Y. 74101
Sato, F. *see* Katoh, T. 103837
Sato, F. *see* Nakano, N. 87744
Sato, G. *see* Sumihiro, S. 108066
Sato, H. On multiple-valued logical functions realized by asynchronous sequential circuits 61713
Sato, H. Electrooptic transform-devices and their application 85743
Sato, H., Cho, H., Nishino, H., Ogiso, H., Yamanaka, K. Evaluation of surface defects using surface acoustic waves generated by phase velocity scanning of laser interference fringes 82789
Sato, H., Higurashi, K., Kobayashi, T., Arai, A. Delivery of prefabricated joints for 161 kV XLPE cables to Taiwan Power Company 111657
Sato, H., Kashiwagi, K., Niwano, K., Iga, T., Ikeda, T., Mashiko, K. A 1.9 GHz single-chip IF transceiver for digital cordless phones 78535
Sato, H., Nakai, J., Kikuchi, A., Mitsuya, H., Shimatsu, T., Takahashi, M. Effects of grain size and intergranular coupling on recording characteristics in CoCrTa media 115478
Sato, H., Nakamura, N., Aoyagi, H., Oshida, S., Akoh, H., Takada, S. Fabrication of small high-T_c trilayer junctions using electron beam lithography 84901
Sato, H., Ohbayashi, S., Okamoto, Y., Kondoh, S., Wada, T., Matsuo, R., Yamada, M., Yasuoka, A. 111-MHz 1-Mbit CMOS synchronous burst SRAM using a clock activation control method 93352
Sato, H., Onozawa, A., Matsuda, H. A balanced-mesh clock routing technique using circuit partitioning 73033
Sato, H., Shoji, Y., Kawakubo, T. Prospect of the fast extraction from KEK-PS for the long base line neutrino experiment 100717
Sato, H., Takahashi, H., Watanabe, A., Ota, H. Preparation of GaN films on sapphire by metalorganic chemical vapor deposition using dimethylhydrazine as nitrogen source 72808
Sato, H., Watanabe, K. Experimental study on the use of a vortex whistle as a flowmeter 110143
Sato, H. *see* Atarasi, H.O. 83509
Sato, H. *see* Cho, H. 89574
Sato, H. *see* Cho, H. 104216
Sato, H. *see* Fuji, H. 116012
Sato, H. *see* Ike, K. 96573
Sato, H. *see* Kitaoka, Y. 65279
Sato, H. *see* Kobayashi, M. 89372
Sato, H. *see* Kodama, Y. 96570
Sato, H. *see* Kodama, Y. 107074
Sato, H. *see* Kondo, T. 73138
Sato, H. *see* Matsuno, H. 107526
Sato, H. *see* Namatame, H. 79426
Sato, H. *see* Nishino, H. 111348
Sato, H. *see* Sakai, I. 100718
Sato, H. *see* Shiraishi, T. 118693
Sato, H. *see* Suda, T. 114675
Sato, H. *see* Suematsu, N. 93864
Sato, H. *see* Sugiyama, A. 114092
Sato, H. *see* Taniguchi, M. 62718
Sato, H. *see* Tohyama, N. 64054
Sato, H. *see* Toyama, T. 119986
Sato, H. *see* Wake, M. 95591
Sato, H. *see* Yamanaka, N. 77705
Sato, I. *see* Avis, R.J.A. 119430
Sato, I. *see* Hayakawa, K. 96456
Sato, I. *see* Ogawa, Y. 89907
Sato, I. *see* Yamaguchi, S. 100484
Sato, J., Cipolla, R. Evolution of texture moments under affine invariant scale-space 86673
Sato, J. *see* Adachi, M. 104121
Sato, J. *see* Fukushima, K. 91774
Sato, J. *see* Hamano, Y. 76317
Sato, J. *see* Maki, N. 115894
Sato, J. *see* Ohnuma, T. 84931
Sato, J. *see* Okada, M. 75364
Sato, J. *see* Sasaoka, T. 84866
Sato, J.I. *see* Okada, M. 84867
Sato, K. Improvement of characteristics of electroholography by phase coding 96749
Sato, K. The world's largest-capacity 8 kV/3.6 kA light-triggered thyristor 112056
Sato, K., Fahy, M.R., Ashwin, M.J., Joyce, B.A. Silicon incorporation behaviour in GaAs grown on GaAs (111)A by molecular beam epitaxy 113302
Sato, K., Hanado, H., Kumagai, H. A low range-sidelobe pulse compression technique for spaceborne rain radar 111206
Sato, K., Kawarabayashi, M., Emura, H., Maeda, N. Post-layout optimization for deep submicron design 82893
Sato, K., Nagatsu, N. Failure restoration in photonic transport networks using optical paths 78853
Sato, K., Ohtsuki, T., Uehara, H., Sasase, I. Communication systems with PPM signaling 109650
Sato, K., Rizawa, T., Saito, T., Tamura, H., Uraki, M., Yamamoto, M., Morii, Y., Hosono, K., Hatanaka, K., Itahashi, T., Takahisa, K., Tamura, K., Miura, I. Study on a tuning-free network for the rf accelerating cavity 100751
Sato, K., Sakon, T., Asaina, T., Kawamura, K., Okada, H., Murase, T., Yamada, T. Development of a new platform for car navigation systems 103147
Sato, K., Shikida, M., Yamasaki, M., Yoshioka, T. Micro tensile-test system fabricated on a single crystal silicon chip 74953

Sato, K., Tomita, H., Yoda, S., Chihara, K. Spatiotemporal image analysis for active lighting to measure accurate range images 86836
Sato, K. *see* Asano, M. 99536
Sato, K. *see* Bi, X.F. 115571
Sato, K. *see* Dohata, M. 65514
Sato, K. *see* Fujikami, J. 91187
Sato, K. *see* Fukaya, N. 89359
Sato, K. *see* Hamazumi, Y. 88053
Sato, K. *see* Hayakawa, K. 96456
Sato, K. *see* Hayashida, H. 91107
Sato, K. *see* Hiura, S. 87099
Sato, K. *see* Ikezaki, H. 69331
Sato, K. *see* Ishihara, T. 71693
Sato, K. *see* Ishii, H. 84860
Sato, K. *see* Ishii, H. 95446
Sato, K. *see* Iwasa, Y. 95601
Sato, K. *see* Izumi, S. 72781
Sato, K. *see* Izumi, S. 115167
Sato, K. *see* Kamozaki, K. 67977
Sato, K. *see* Kanno, T. 66182
Sato, K. *see* Kataoka, T. 68519
Sato, K. *see* Kato, T. 91189
Sato, K. *see* Kato, T. 91190
Sato, K. *see* Kato, T. 121085
Sato, K. *see* Kawana, T. 106535
Sato, K. *see* Kimura, Y. 95957
Sato, K. *see* Kiuchi, M. 75321
Sato, K. *see* Kiuchi, M. 75340
Sato, K. *see* Koga, M. 99553
Sato, K. *see* Kudo, Y. 69392
Sato, K. *see* Kudo, Y. 69393
Sato, K. *see* Maeno, K. 96746
Sato, K. *see* Masuda, T. 89630
Sato, K. *see* Nagatsu, N. 78729
Sato, K. *see* Nakamura, M. 104543
Sato, K. *see* Naruse, H. 109947
Sato, K. *see* Niikura, Y. 64946
Sato, K. *see* Noda, K. 89755
Sato, K. *see* Ohtsuki, T. 87371
Sato, K. *see* Okamoto, H. 78888
Sato, K. *see* Onishi, Y. 105760
Sato, K. *see* Sano, A. 78876
Sato, K. *see* Sato, S. 91561
Sato, K. *see* Sato, S. 91899
Sato, K. *see* Sato, Y. 77863
Sato, K. *see* Shikida, M. 64021
Sato, K. *see* Shikida, M. 76355
Sato, K. *see* Shikida, M. 116833
Sato, K. *see* Takahashi, C. 84862
Sato, K. *see* Terai, M. 104461
Sato, K. *see* Ueyama, M. 84922
Sato, K. *see* Ueyama, M. 115896
Sato, K. *see* Yamada, H. 116667
Sato, K. *see* Yamamoto, S. 61357
Sato, K. *see* Yamamoto, S. 115772
Sato, K. *see* Yasaka, H. 85497
Sato, K. *see* Yokoyama, A. 110213
Sato, K. *see* Yoshida, T. 73330
Sato, K. *see* Zamkotsian, F. 119195
Sato, K.-I. *see* Kasuu, O. 84869
Sato, K.-I. *see* Koga, M. 78325
Sato, K.-I. *see* Koga, M. 78895
Sato, K.-I. *see* Koga, M. 88051
Sato, K.-I. *see* Okamoto, S. 78922
Sato, K.-i. *see* Watanabe, A. 68029
Sato, K.-I. *see* Watanabe, A. 119189
Sato, L. *see* Hirano, K. 94189
Sato, M. Reachability analysis for communication service specifications described in global state transition rules 77569
Sato, M. Reachability analysis for communication service specification descriptions in global state transition rules 77816
Sato, M. Crystal orientation of GaN films grown on (001) GaAs substrates by plasma-assisted metalorganic chemical vapor deposition 104068
Sato, M. Two-dimensional transient analysis of in-plane vibration in rectangular plates of piezoelectric ceramics 106381
Sato, M., Ishikawa, M., Hisatake, Y., Hatoh, H. Viewing-angle evaluation method of color shift for LCDs with gray-scale image 89302
Sato, M., Ishio, S., Miyazaki, T. Temperature dependence of magnetoresistance in Ni-Fe/Cu multilayers 64343
Sato, M., Kuramoto, S. Observed direct lightning current distribution at a mountain top radio relay station 68075
Sato, M., Murakami, H., Honjo, N., Hayashi, S., Tamai, S., Toki, N. Control and protection technologies for DC power-transmission systems 91109
Sato, M., Nakamura, K., Kumar, S., Liu, D., Mikkilineni, R. End-to-end multimedia service management enabling collaboration in a distributed enterprise environment 87947
Sato, M., Ohashi, M., Abedin, K.S., Takyu, C., Ito, H. Bulk-type domain reversal grating of $LiTaO_3$ crystal fabricated by direct electric field 85710
Sato, M., Umezaki, T. Image coding based on wavelet transform 67051
Sato, M. *see* Abedin, K.S. 65141
Sato, M. *see* Asai, M. 79148
Sato, M. *see* Cai, Y. 79636
Sato, M. *see* Chinveeraphan, S. 86989
Sato, M. *see* Ebihara, S. 117367
Sato, M. *see* Furukawa, Y. 76217
Sato, M. *see* Furukawa, Y. 96683
Sato, M. *see* Hatoh, H. 89240
Sato, M. *see* Hisamatsu, H. 100405
Sato, M. *see* Iijima, M. 104109
Sato, M. *see* Ito, H. 75658
Sato, M. *see* Kanai, H. 110675
Sato, M. *see* Kasai, J. 92215
Sato, M. *see* Kawase, K. 65423
Sato, M. *see* Koizumi, H. 64345
Sato, M. *see* Minagawa, T. 121433
Sato, M. *see* Nakata, T. 111810
Sato, M. *see* Nanri, T. 81975
Sato, M. *see* Oami, R. 97891
Sato, M. *see* Okamura, H. 73294
Sato, M. *see* Ozawa, I. 114117
Sato, M. *see* Qi, W. 83560
Sato, M. *see* Sako, T. 110597
Sato, M. *see* Soramoto, S. 88967
Sato, M. *see* Tada, K. 82214
Sato, M. *see* Takamatsu, R. 87011
Sato, N., Yamashita, M., Seto, J., Okamoto, Y. On the propagation anomalies of 100 kHz band hyperbolic navigation systems caused by a huge bridge. II. The effects of transverse structure 88747
Sato, N. *see* Abe, T. 61428
Sato, N. *see* Ishihara, T. 62580
Sato, N. *see* Mita, S. 75261
Sato, N. *see* Obana, M. 101945
Sato, N. *see* Yonehara, T. 63153
Sato, O. *see* Annis, P. 80121
Sato, R., Yoshida, J. Anisotropic electrical properties in BSCCO/Au-Ag/Pb junctions 84900
Sato, R. *see* Kang, J. 78599
Sato, R. *see* Kawamata, K. 81060
Sato, R. *see* Kawamata, K. 104916
Sato, R. *see* Ohba, Y. 62175
Sato, S., Sato, K., Fuzihira, K., Hashimoto, M., Miyamoto, K. Development of noncontact transport system along vertical guideway using QMG bulk materials 91899
Sato, S., Sato, K., Tsukamoto, O., Amemiya, N., Takao, T., Shimizu, H. Applications of superconducting linear induction motor to steel making processes and development of prototype machine 91561
Sato, S., Takahashi, K., Mehmetli, B. Polarization effects of a high-power CO_2 laser beam on aluminum alloy weldability 85783
Sato, S. *see* Amezawa, Y. 109507
Sato, S. *see* Fukasawa, A. 68296
Sato, S. *see* Hanai, S. 96975
Sato, S. *see* Ishihara, T. 79591
Sato, S. *see* Iwaki, M. 63259
Sato, S. *see* Masuda, S. 116131
Sato, S. *see* Mehmetli, B.A. 89535
Sato, S. *see* Nose, T. 85141
Sato, S. *see* Sako, T. 110597
Sato, S. *see* Sato, Y. 89355
Sato, S. *see* Sato, Y. 113503
Sato, S. *see* Satow, T. 95514
Sato, S. *see* Takeo, M. 103044
Sato, S. *see* Urushibara, S. 70530
Sato, S. *see* van der Kooij, M.W.A. 111080
Sato, S. *see* Wakaki, M. 92819
Sato, S. *see* Zhan He 95840
Sato, S.H. *see* Gershman, A.V. 67933
Sato, T., Abe, H. Longitudinal leaky surface waves for high frequency SAW device applications 106435
Sato, T., Fukushima, N. Study of a ultra-low flying head slider for hard disk drive 115806
Sato, T., Manabu, K., Kawahashi, A., Kato, T., Fukasawa, A. Sequential interference cancellation system applying to wideband CDMA systems 118891
Sato, T., Nakajima, Y. Study of electrostatic force between two charged particles 85793
Sato, T., Numata, S., Tanaka, H., Nisbizaki, M., Yonezawa, M., Arioka, M. 72/84 kV cubicle-type gas-insulated switchgear 102898
Sato, T., Okada, H., Yamazato, T., Katayama, M., Ogawa, A. Throughput analysis of DS/SSMA unslotted ALOHA system with fixed packet length 68034
Sato, T., Okada, H., Yamazato, T., Katayama, M., Ogawa, A. Throughput of DS/SS unslotted ALOHA system with channel load sensing 78365
Sato, T., Okada, H., Yamazato, T., Katayama, M., Ogawa, A. Effects of the access timing delay on CDMA unslotted ALOHA with channel load sensing 118941
Sato, T., Teraoka, T., Kimura, I. Validation and ground truth for TRMM precipitation radar using the MU radar 90785
Sato, T., Teraoka, T., Kimura, I. Validation and ground truth for TRMM precipitation radar using the MU radar 120801
Sato, T., Wakayama, T., Takemura, K., Kimura, I. A high-resolution imaging of small objects for subsurface radar data processing 109761
Sato, T. *see* Fisher, R.E. 118897
Sato, T. *see* Fukasawa, A. 68296
Sato, T. *see* Fukushima, N. 115764
Sato, T. *see* Inouye, Y. 117927
Sato, T. *see* Irie, T. 78671
Sato, T. *see* Ishiguro, T. 106534
Sato, T. *see* Iwatsuki, M. 62663
Sato, T. *see* Kato, T. 68286
Sato, T. *see* Katsuyama, T. 85037
Sato, T. *see* Kobayashi, S. 90168
Sato, T. *see* Koyano, K. 84653
Sato, T. *see* Miyazaki, H. 82187
Sato, T. *see* Mizoguchi, H. 108665
Sato, T. *see* Morinaga, K. 109737
Sato, T. *see* Ohkawa, M. 99960
Sato, T. *see* Okada, H. 99105
Sato, T. *see* Oyama, N. 81686
Sato, T. *see* Sasaki, M. 104977
Sato, T. *see* Shiraishi, K. 116097
Sato, T. *see* Takahata, K. 74893
Sato, T. *see* Takatsu, N. 73900
Sato, T. *see* Takatsu, N. 82196
Sato, T. *see* Tamura, T. 83007
Sato, T. *see* Tanizawa, M. 99446
Sato, T. *see* Uno, S. 106060
Sato, T. *see* Yamazato, T. 68069
Sato, T. *see* Yamazato, T. 99310
Sato, W. *see* Kato, T. 121085
Sato, Y. Active rangefinding and recognition with Cubicscope 86689
Sato, Y., Hattori, K., Otsuki, M. Real-time handy rangefinder Cubicscope 98148
Sato, Y., Kataoka, T. A current-type PWM rectifier with active damping function 71543
Sato, Y., Okada, T., Il Yong Choe, Iida, M. Fabrication of micro-cantilever beams using anodic oxidized aluminum 95225
Sato, Y., Okamoto, T., Sugiyama, Y., Kawai, M., Kobayashi, T. A method of shortening metastable operation duration time by the use of feedback 113849
Sato, Y., Sato, S. Preparation and some properties of nitrogen-mixed ZnO thin films 113503
Sato, Y., Takahashi, N., Sato, S. Full-color fluorescent display devices using a near-UV light-emitting diode 89355
Sato, Y., Tamura, S. Detecting planar and curved symmetries of 3D shapes from a range image 98055
Sato, Y., Yamanaka, N., Sato, K. ATM network resource management techniques for CBR virtual paths/channels 77863
Sato, Y. *see* Amemiya, M. 88552
Sato, Y. *see* Bennett, C. 93962
Sato, Y. *see* Dahono, P.A. 102847
Sato, Y. *see* Hirako, M. 88467
Sato, Y. *see* Isa, H. 68141
Sato, Y. *see* Ishizuka, T. 112084
Sato, Y. *see* Kanai, Y. 90789
Sato, Y. *see* Kanekawa, N. 83269
Sato, Y. *see* Kataoka, T. 121750
Sato, Y. *see* Kayeiwa, K. 99736
Sato, Y. *see* Kushiya, K. 112392
Sato, Y. *see* Matsuoka, T. 106197
Sato, Y. *see* Mori, S. 105766
Sato, Y. *see* Saitoh, Y. 75789
Sato, Y. *see* Shuguang Chen 116872
Sato, Y. *see* Takahashi, N. 102179
Sato, Y. *see* Watanabe, K. 119782
Sato, Y. *see* Yamaoka, Y. 85585
Sato, Y. *see* Zoroofi, R.A. 70034
Sato Ken-Ichi *see* Ken-Ichi Sato
Satogata, T. *see* Scholl, E.H. 100420
Satogata, T. *see* Wei, J. 89880
Satoh, A., Ohnishi, K., Sakurai, K., Tomikawa, Y. Experimental considerations on the piezoelectric vibratory gyrosensor using a trident tuning-fork resonator 110097
Satoh, A., Takami, N., Ohsaki, T., Kanda, M. Structural change of disordered carbon materials due to electrochemical lithium ion intercalation reactions 81670
Satoh, A. *see* Suzuki, K. 63725
Satoh, A. *see* Takami, N. 112239
Satoh, A. *see* Yamamoto, T. 98895
Satoh, G. *see* Nohara, M. 78606
Satoh, H., Nakane, H., Adachi, H. XPS and LEED studies of ZrO/W(100) surface 73945
Satoh, H., Shimoda, Y. Semiconductor lightning surge protection devices for telecommunication equipment 67639
Satoh, H., Shimoda, Y. Two-dimensional analysis of surge response in thyristor lightning surge protection devices 105932
Satoh, H. *see* Hiyama, T. 80919
Satoh, H. *see* Kaga, A. 91524
Satoh, H. *see* Kanekawa, N. 93535
Satoh, H. *see* Kubo, M. 101311
Satoh, H. *see* Matsui, Y. 73377
Satoh, H. *see* Shimoda, Y. 63643
Satoh, H. *see* Suguri, K. 77531
Satoh, H. *see* Ukai, Y. 101265
Satoh, J. *see* Kimura, Y. 61463
Satoh, K. Several methods of image coding 67353
Satoh, K., Nishimura, K., Fujitani, S., Yonezu, I., Nishizawa, N. Hydrogen-absorbing alloy for portable fuel cell 81734
Satoh, K., Ohta, K., Yamamoto, M., Ide, K., Taguchi, K. An 8 kV/3.6 kA light-triggered thyristor 81546
Satoh, K., Ohta, Y. Occlusion detectable stereo using a camera matrix 86847
Satoh, K., Tejima, M. Recalibration of position monitors with beams 100543
Satoh, K. *see* Aska Juste, K. 64058
Satoh, K. *see* Chin, Y.H. 89972
Satoh, K. *see* Chin, Y.H. 89973
Satoh, K. *see* Ikeda, H. 100804
Satoh, K. *see* Nakamura, Y. 86403
Satoh, K. *see* Nakata, H. 61200
Satoh, K. *see* Sakanaka, S. 100681
Satoh, K. *see* Takeo, T. 88843

Satoh, K. *see* Tanimura, D. 88916
Satoh, K. *see* Toyoshima, H. 113933
Satoh, K. *see* Yue-Jin Tang 71383
Satoh, K. *see* Yumba, H. 98822
Satoh, M., Matsumoto, S., Higashiguchi, T., Matsuda, M., Muranoi, T., Kikuma, I., Momose, Y., Takeuchi, M. Surface fluorination of electrophotographic photoreceptors by plasma treatment for contact charging with a wet polymer roller 64892
Satoh, M. *see* Hasegawa, H. 73477
Satoh, M. *see* Maekawa, T. 89265
Satoh, M. *see* Suzuki, T. 121513
Satoh, M. *see* Tamura, T. 74992
Satoh, M. *see* Tomita, M. 91549
Satoh, M. *see* Tomita, M. 121510
Satoh, M. *see* Yoshida, Y. 91110
Satoh, N., Shimizu, K., Uchida, H., Yamashita, T., Tanaka, E. A time-of-flight multi-probe system for positron imaging 90346
Satoh, N., Shimizu, K., Uchida, H., Yamashita, T., Tanaka, E. A time-of-flight multi-probe system for positron imaging 101117
Satoh, N. *see* Murashita, K. 86094
Satoh, N. *see* Niiyama, Y. 90524
Satoh, O. *see* Kobari, T. 100406
Satoh, S., Sudo, R., Tashiro, H. Soft-error simulation system and application to SRAM design [illegible]
Satoh, S., Suzuki, H., Kimata, Y., Kuriyama, A. Optical and electroluminescence properties of poly(methylphenylsilane) containing an anthracene unit 106940
Satoh, S. *see* Ihara, S. 65017
Satoh, S. *see* Mo, H. 67131
Satoh, S. *see* Osawa, Y. 85216
Satoh, S. *see* Satow, T. 95514
Satoh, S. *see* Sumiya, H. 113268
Satoh, S. *see* Takahata, K. 95516
Satoh, S. *see* Takai, M. 61875
Satoh, S. *see* Tosaka, Y. 93357
Satoh, T., Connerney, J.E.P., Baron, R.L. Emission source model of Jupiter's H_3^+ aurorae: a generalized inverse analysis of images 98225
Satoh, T., Okita, T., Itoh, M. Fast capacity method for solving convex quadratic programming problem 72520
Satoh, T. *see* Iida, H. 101321
Satoh, T. *see* Jongen, Y. 101424
Satoh, T. *see* Matsui, Y. 73377
Satoh, T. *see* Miwa, T. 73348
Satoh, T. *see* Shigehara, M. 78798
Satoh, T. *see* Shinoda, M. 109934
Satoh, T. *see* Yoshida, K. 95677
Satoh, W. *see* Yue-Jin Tang 71383
Satoh, Y., Shiota, T., Murakami, Y., Shingyouji, T., Furuya, H. Degradation of dielectric breakdown field of thermal SiO_2 films due to structural defects in Czochralski silicon substrates 75000
Satoh, Y. *see* Hashimoto, K. 104672
Satoh, Y. *see* Kakami, M. 79181
Satoh, Y. *see* Kanekawa, N. 93535
Satoh, Y. *see* Nishihara, T. 106451
Satoh, Y. *see* Saeki, T. 82028
Satomi, H. *see* Dohmeki, H. 102754
Satomi, M. *see* Onaka, K. 119595
Satomi, M. *see* Sakakima, H. 95364
Satomura, Y., Sumida, S., Tsutsumi, M. Leaky wave behaviour in the silicon H-guide with optically induced plasma region 83296
Satori, G., Verő, J. Monitoring Schumann resonances. II. Daily and seasonal frequency variations 85864
Satorius, E.H., Tong, L.H. Analysis of a rain compensation algorithm for K/Ka-band communications 109588
Satorius, E.H. *see* Jedrey, T.C. 109581
Satou, A. *see* Motohashi, A. 110253
Satou, H. *see* Mukoujima, T. 99548
Satou, M. *see* Ogiwara, H. 75298
Satou, M. *see* Onuki, J. 105736
Satou, M. *see* Shimizu, T. 73431
Satou, Y. *see* Himeshima, I. 75230
Satou, Y. *see* Nakano, H. 91624
Satow, H. *see* Kudoh, T. 120269
Satow, K. *see* Hara, M. 81921
Satow, T., Mito, T., Takahata, K., Yamamoto, J., [illegible] Nishimura, A., Yamada, S., Yanagi, N., [illegible], H., Iwamoto, A., Tanahashi, S., Imagawa, S., Tamura, H., Yamazaki, K., Yamaguchi, N., Watanabe, K., Yamada, H., Noda, N., Sagara, A., Akaishi, K., Kubota, Y., Inoue, N., Suzuki, H., Morisaki, T., Kitagawa, S., Ohyabu, N., Komori, A., Baba, T., Moriuchi, S., Ohba, K., Iima, M., Yonezu, H., Hayashi, H., Taniguchi, Y., Ogawa, H., Tamura, S., Ohtake, I., Motojima, O., Morimoto, S., Takeo, M., Sato, S., Ninomiya, A., Ioka, S., Nakamoto, K., Uede, T., Hoshi, Y. Cooling and excitation tests of an inner vertical coil for the Large Helical Device 95514
Satow, T. *see* Hanawa, S. 95571
Satow, T. *see* Imagawa, S. 95515
Satow, T. *see* Mito, T. 95525
Satow, T. *see* Sumiyoshi, F. 95561
Satow, T. *see* Takahata, K. 95516
Satpathy, H.P. *see* Dash, P.K. 80958
Satra, C. *see* Augustin, J.M. 111249
Satra, C. *see* Bourillet, J.F. 111097
Sattel, S., Robertson, J., Scheib, M., Ehrhardt, H. Ion assisted growth of diamond 82753
Sattel, S. *see* Gerber, J. 61353
Sattel, S. *see* Gerber, J. 72912
Satterfield, M.J. *see* Alvis, J.R. 112982
Satti, J.A. The Fermilab Main Injector dipole and quadrupole cooling design and bus connections 80707
Satti, J.A. Parallel beam mapping algorithm to compute radiation dose in three dimensional treatment planning 110891
Satuby, Y. *see* Orenstein, M. 107324
Satya, A.V.S. Test structures for automated contactless inline wafer inspection 113008
Satya, T. *see* Drury, W. 112481
Satyam, M. *see* Ravishsnkar, M.K. 83191
Satyam, P.V., Sundaravel, B., Sekar, K., Kuri, G., Ghose, S.K., Rout, B., Mahapatra, D.P., Dev, B.N. Characterization of ion beam synthesized epitaxial Si-$CoSi_2$(111) system with ion and X-ray scattering techniques 105459
Satyanarayana, J.H., Parhi, K.K. HEAT: hierarchical energy analysis tool 84586
Satyanarayana, J.V. *see* Rambabu, U. 75711
Satyanarayana, P. Speech quality and voice coding 117261
Satyanarayana, R.V.S., Raja Rao, C. Excimer lasers: emerging applications in opthalmology 120503
Satyanarayana, S., Dalal, S. Video color enhancement using neural networks 79133
Satyanarayana, T. *see* Jain, S.R. 111720
Satyaranjan, M. *see* Hiriyannaiah, H.P. 117764
Satzke, K. *see* Lach, E. 107231
Satzke, K. *see* Rodrigues, V. 68371
Satzke, K. *see* Schilling, M. 96425
Satzke, K. *see* Weinmann, R. 75597
Sau-Gee Chen, Yung-An Kao, Kwung-Yee Tsai A new efficient LMS adaptive filtering algorithm 62042
Sauber, F. Chipsets for ISDN cards: the home office takes off 87994
Sauber, J.B., Lee, L.H. Determination of fracture properties in IC plastic packages 112972
Sauber, J.B. *see* Lloyd, J.R. 115000
Saucier, G. *see* Brasen, D. 73054
Saudstrom, M. *see* Mild, K.H. 7027[illegible]
Sauer, J.R. *see* Monacos, S.P. 78918
Sauer, J.R. *see* Temkin, H. 68429
Sauer, K., Schwartz, B. Efficient block motion estimation using integral projections 117588
Sauer, M., Fuchs, A., Grabmayr, P., Leypoldt, J. The ring shaped plastic scintillator detector STAR for forward angle reconstruction 110592
Sauer, M. *see* Baumann, I. 109655
Sauer, N. *see* Proth, J.M. 92475
Sauer, P.W. *see* Vournas, C.D. 101896
Sauer, P.W. *see* Vournas, C.D. 120951
Sauer, R. *see* Forster, M. 105349
Sauer, R. *see* Sternschulte, H. 82713
Sauer, W., Wohlrabe, H. Optimization of the SMT manufacturing process from the view of reliability of solder joints 94080
Sauer, W. *see* Bauer, R. 83637
Sauer, W. *see* Zolotoyabko, E. 75512
Saul, P.H. *see* Goody, S.B. 62347
Sauli, F. Applications of gaseous particle detectors in physics and medicine 120127
Sauli, F. *see* Bouclier, R. 80043
Saull, R.C. *see* Sykes, C.G. 70575
Saulli, P. *see* Geri, A. 102166
Saulnier, E.T., Vastola, K.S. Modeling heterogeneous sources on multiple time scales 87324
Saulnier, G. *see* Hetling, K. 88158
Saulnier, G. *see* Hetling, K. 99051
Saulnier, G. *see* Molnar, B.D. 117138
Saulnier, G.J. *see* Medley, M. 86256
Saulnier, J. *see* Kalonji, N. 119137
Sault, R.J. *see* Hamaker, J.P. 79112
Saulter, Q. *see* Legg, R. 100707
Saund, G.S. *see* Ravikumar, C.P. 61845
Saunders, A.T., Jr. *see* Nair, P.S. 77484
Saunders, B.D. *see* Lakshman, Y.N. 103744
Saunders, C. *see* Narathong, S. 119580
Saunders, D. *see* Gergely, S. 78090
Saunders, J.E. *see* Hughes, S.W. 90469
Saunders, J.E. *see* Hughes, S.W. 110688
Saunders, K.W. *see* Boisvert, R.E. 70573
Saunders, M. *see* Ponce, F.A. 82629
Saunders, M.A. *see* Harris, A.R. 120810
Saunders, M.A. *see* Jones, M.S. 120811
Saunders, M.I. *see* Pigott, K.H. 120385
Saunders, P.A. *see* Ziegler, J.F. 79837
Saunders, R., Lopes, L. Optimised resource management for personal communications systems 88352
Saunders, R.A., Patel, B.L., Garthe, D., Lee, W.S. Impact of modulation instability on high bit rate optically-amplified transmission systems 78717
Saunders, R.A. *see* Garthe, D. 78875
Saunders, R.D. *see* Sienkiewicz, Z.J. 90622
Saunders, R.D. *see* Tsai, B.K. 89069
Saunders, R.L. *see* Ehrlich, R.B. 85422
Saunders, S. Cabling: what you don't know can kill you 93976
Saunders, S., Thomas, H. Control of microcellular re-use statistics using directional antennas in the presence of scattering 118980
Saunders, S., Zimmerman, C. V.34+ modems minus the marketing hype 118687
Saunders, S.R., Evans, B.G. Physical model of shadowing probability for land mobile satellite propagation 99354
Saunders, T.G. The British Gas primary battery safety test programme 112181
Saunier, P. *see* Yarborough, R. 83422
Saupe, D. Lean domain pools for fractal image compression 67015
Saupe, D. A new view of fractal image compression as convolution transform coding 86473
Saupe, D., Bayer, K. Visualizing fractal image compression 77118
Saupe, R., Sbick, B. Radio remote control 90975
Sauquet, E. *see* Le Strat, E. 109467
Saurin, P. *see* Brun, C. 71076
Sauron, A. *see* Sedano, H. 68673
Saury, J.L. *see* Chehab, R. 89714
Sautejeau, N. *see* Briquet, P. 97178
Sautenkov, V. *see* Gamidov, R. 85506
Sauter, M., Bertagnolli, E., Knapek, E., Stemmer, A., Froschle, B., Eisele, I., Klose, H. A lateral bipolar transistor on SOI fabricated by a direct-write sub-100-nm electron beam lithography 94912
Sauter, S.A., Krapp, A. On the effect of numerical integration in the Galerkin boundary element method 113258
Sautereau, J.-F. *see* Zoyo, M. 93908
Sautereau, J.F. *see* Zoyo, M. 82948
Sauteret, C. 100 TW femtosecond pulse generation and amplification 75782
Sauteret, C. *see* Blanchot, N. 85428
Sauteret, C.J. *see* Boscheron, A.C.L. 65486
Sauteret, C.J. *see* Boscheron, A.C.L. 85698
Sautter, G. Many tasks–but just one system. Simovert Master Drives–the drive solution in the plastic film industry 82032
Sautter, W. *see* Pfeiffer, M. 85142
Sauvageot, A., Combarel, L. HD-SAT: HDTV broadcasting over Ka-band satellite, cable and MMDS networks 68889
Sauvageot, H. Retrieval of vertical profiles of liquid water and ice content in mixed clouds from Doppler radar and microwave radiometer measurements 80649
Sauvagerd, U. *see* Woudsma, R. 93412
Sauvain, E. *see* Bustarret, E. 94272
Sauvain, H. *see* Hirschi, W. 76478
Sauviac, B. *see* Mariotte, F. 76394
Sauzade, M. *see* Souza, M. 96931
Sauze, R. *see* Guillemaud, R. 101163
Sava, H.P., Grant, P.M., McDonnell, J.T.E. Spectral characterization and classification of Carpentier-Edwards heart valves implanted in the aortic position 110930
Sava, H.P., McDonnell, J.T.E. Spectral composition of heart sounds before and after mechanical heart valve implantation using a modified forward-backward Prony's method 80492
Savadkohi-Goran, D. *see* Kargarnovin, M.H. 120525
Savadkouhi, D.G. *see* Ahmadian, M.T. 120524
Savadogo, O. *see* Sebastian, P.J. 91722
Savage, C.R. *see* Beebe, B.R. 81274
Savage, H. *see* Demos, S.G. 120382
Savage, J. The future of the international telecommunications accounting rate regime 87550
Savage, J.A. *see* Whitfield, M.D. 113474
Savage, J.S., Peterson, A.F. Higher-order vector finite elements for tetrahedral cells 72717
Savage, J.S., Peterson, A.F. Quadrature rules for numerical integration over triangles and tetrahedra 85791
Savage, L. A technology to link professionals on the road to central information systems: Mobitex public networks in Europe 99325
Savage, S. *see* Nordell, N. 104166
Savage, S. *see* Rottner, K. 106981
Savage, T.S. *see* Chan, W. 64005
Savage, W.Z. *see* Powers, P.S. 80600
Savaidis, S.P. *see* Roumeliotis, J.A. 65764
Savall, C. *see* Roge, T.P. 82623
Savanovich, N.I. Influence of the properties of the electrode material on the sensitivity of thermoelectric thickness control of nickel-phosphorus coatings on a copper base 93003
Savant, G. *see* Kostrzewski, A. 108287
Savard, G. *see* Vicente, L. 72513
Savard, P. *see* Berube, D. 120366
Savard, P. *see* Kaouk, Z. 120501
Savarese, C. *see* Bucci, O.M. 65767
Savarese, C. *see* Bucci, O.M. 85950
Savarese, C. *see* Bucci, O.M. 116998
Savarese, D. *see* Reschke, C. 109111
Savari, S.A. Variable-to-fixed length codes and the conservation of entropy 66413
Savaria, Y. *see* Audet, D. 61700
Savaria, Y. *see* Granger, E. 108353
Savaria, Y. *see* Rzeszut, J. 62058
Savaria, Y. *see* St.-Amand, R. 110931
Savaria, Y. *see* Sawan, M. 113757
Savaria, Y. *see* Soufi, M. 104489
Savary, P. *see* Guttich, U. 88235
Savas, S. Inductively coupled plasmas for highly efficient and low damage resist stripping 105755
Savastano, M. *see* Arpaia, P. 109990
Savastru, R. *see* Snigur, A. 69132
Savateyeva, Ye.V. *see* Karabutov, A.A. 104228
Savatinova, I., Armenise, M.N., Passaro, V.M.N., Ziling, C.C. Optical, electrooptical and structural

properties of H:LiNbO$_3$, H:LiTaO$_3$ and Cs:KTP waveguides 95734
Savchenko, A.G., Mel'nikov, S.A., Oreshkin, M.A., Lileev, A.S. Hysteresis characteristics of the permanent magnets made of (Nd,Dy)-(Fe,Co)-B alloys 115855
Savchenko, A.G., Menyshenkov, V.P., Oreshkin, M.A., Lileev, A.S. Magnetic properties of the sintered permanent magnets made of (Sm$_{0.7}$MM$_{0.3}$)Co$_5$ alloy 106622
Savchenko, A.G., Oreshkin, M.A., Verklov, M.M., Lileev, A.S., Mel'nikov, S.A. Sintered permanent magnets made of MM-(Fe,Co)-B alloys 115854
Savchenko, A.K., Kuznetsov, V.V., Woolfe, A., Mace, D.R., Pepper, M., Ritchie, D.A., Jones, G.A.C. Resonant tunneling through two impurities in disordered barriers 106082
Savchenko, A.K. *see* Hughes, R.J.F. 95019
Savchenko, V.V. The method of entropy minimax in the problem of identification of linear dynamic objects 86022
Savchenko, V.V. Detection and prediction of random process fault by spectrum estimation 117363
Savchenkov, E.N., Shandarov, S.M. Photorefractive codirectional TE-TM interaction in planar waveguides on oblique cuts of a lithium niobate crystal 85059
Savchuk, A.U. *see* Buyanova, I.A. 116214
Savchuk, V.K. *see* Kotlyarchuk, B.K. 92833
Savchuk, V.K. *see* Kotlyarchuk, B.K. 104111
Savelainen, H. *see* Ahlback, J. 90044
Savelainen, M. *see* Ikaheimo, J. 89904
Savel'ev, D.V. *see* Shkelev, E.I. 80646
Savel'ev, I.G. *see* Kreshchuk, A.M. 74318
Savel'ev, I.G. *see* Kreshchuk, A.M. 75681
Savel'ev, V.A. *see* Sinel'nikov, B.M. 75715
Savelius, A. *see* Lhersonneau, G. 80145
Savenije, T.J. *see* Maree, C.H.M. 116202
Savenkov, S., Kolisnychenko, B., Marienko, V. Real-time polarization laser radar 79015
Savenkov, S. *see* Kolisnychenko, B. 96860
Savestrini, P., Ruggiero, B., Ovchinnikov, Y.N. Resonant macroscopic quantum tunneling in SQUID systems 95495
Savi, A. *see* Riddell, C. 101131
Savi, A. *see* Riddell, C. 101289
Savi, I.P. *see* Orta, R. 76365
Savi, P. *see* Orta, R. 68547
Savi, P. *see* Orta, R. 93747
Savic, Z., Stankovic, S., Kovacevic, M., Petrovic, M. Energy dependence of pMOS dosemeters 80503
Savichev, V.V. *see* Galanin, M.P. 97006
Savicky, P. *see* Lefmann, H. 103765
Savignac, D. *see* Prigge, O. 105850
Savilov, A.V. "Self-trapping" of the pre-bunched electron beam in a discrete system of isolated cells of the TBA-driver 69651
Savin, A.M. *see* Hansen, O.P. 94484
Savin, C.E., Ahmad, M.O., Swamy, M.N.S. Bit-serial window partitioning algorithm for stack filtering 93582
Savin, C.E., Ahmad, M.O., Swamy, M.N.S. A window-sequence coding transformation suitable for computationally-efficient bit-serial implementation of stack filters 93588
Savin, S.K. Improving the precision of measurements through application of Chebyshev polynomials 79208
Savin, V.I. *see* Volkova, E.A. 101812
Savinell, R.F. *see* Samms, S.R. 71680
Savinell, R.F. *see* Samms, S.R. 71685
Savinell, R.F. *see* Wang, J.-T. 71681
Savinell, R.F. *see* Wang, J.-T. 112308
Savinell, R.F. *see* Weber, M. 102960
Savini, A. *see* Brezzi, F. 65669
Savini, A. *see* Di Barba, P. 60436
Savini, A. *see* Di Barba, P. 81495
Savini, A. *see* Rizzo, M. 71355
Savini, A. *see* Rizzo, M. 81486
Savini, A. *see* Rizzo, M. 102762
Savino, M. *see* Andria, G. 88961
Savino, M. *see* Cavone, G. 119589
Savino, M. *see* Giaquinto, N. 61976
Savino, M. *see* de Sario, M. *(editor)* 112734
Savinov, V.P. *see* Ryabyi, V.A. 63377
Savio, S. *see* Cesario, P. 71814
Savio, S. *see* Cosulich, G. 91912
Savio, S. *see* Firpo, P. 71815
Savir, E., Many, A., Goldstein, Y., Weisz, S.Z., Avalos, J. Space-charge layers and surface states at the silicon/electrolyte interface 114571
Savir, J. Generator choices for delay test 61757
Savir, J. Module level weighted random patterns 61765
Savir, J. Reducing the MISR size 110002
Savithri, S. *see* Sivakumar, T.R. 61061
Savitskii, P.I., Mintyasnkii, I.V., Kovalyuk, Z.D. Annealing effect on conductivity anisotropy in indium selenide single crystals 94333
Savitsky, V.G., Storchun, P.E. Peculiarities of electrically active states generation in HgCdTe 94341
Savitsky, V.G. *see* Kotlyarchuk, B.K. 92833
Savitsky, V.G. *see* Kotlyarchuk, B.K. 104111
Savkin, A.V., Petersen, I.R. Robust H$^\infty$ filtering for uncertain systems with structured uncertainty 66785
Savkin, V.Y. *see* Dudnikov, V.G. 69689
Savkina, N.S. *see* Lebedev, A.A. 105301
Savkina, N.S. *see* Ortolland, S. 114694
Savo, R., Reader, H.C., Lorentz, S., Lecler, N. Calibration of soil water content using time domain reflectometry 119859
Savoie, J.M., Chan, L., Kuley, R.M., Yuan, J., Lakhani, A. BADLAB™: a Canadian broadband applications and demonstration testbed at the Communications Research Centre 108921
Savolainen, M. *see* Silvennoinen, R. 79295
Savolainen, P., Kivilahti, J. Characterisation of polyimide-glass-metal joints bonded with anisotropic electrically conductive adhesives 62508
Savolainen, P., Kivilahti, J. Flip-chip bonding with solder-filled anisotropic adhesive 114457
Savolainen, P., Toivonen, M., Asonen, H., Murison, R. Low-threshold 1.5 μm quaternary quantum well lasers grown by solid source molecular beam epitaxy 96277
Savolainen, P., Toivonen, M., Asonen, H., Pessa, M., Murison, R. High-performance 980-nm strained-layer GaInAs-GaInAsP-GaInP quantum-well lasers grown by all solid-source molecular-beam epitaxy 85528
Savolainen, P., Toivonen, M., Salokatve, A., Asonen, H., Murison, R. High characteristics temperature of strain-compensated 1.3 μm InAsP/InGaP/InP multi-quantum well lasers grown by all solid source molecular beam epitaxy 107277
Savolainen, P. *see* Pessa, M. 96254
Savolainen, P. *see* Pessa, M. 116510
Savolainen, P. *see* Toivonen, M. 72764
Savolainen, P. *see* Toivonen, M. 85480
Savolainen, P. *see* Toivonen, M. 92778
Savolainen, S. *see* Toivonen, M. 120571
Savolainen, V. *see* Muravyov, S.V. 119514
Savona, V. *see* Stanley, R.P. 62860
Savostyanenko, N.A. *see* Denisyuk, Y.N. 96784
Savost'yanenko, N.A. *see* Denisyuk, Yu.N. 107625
Savoy-Navarro, A. FERMI–a new concept of fast readout and data processing for calorimeters: full VHDL design and present results 100986
Savoye, C., Thollon, F., Burais, N., Nicolas, A. Model of crack using genetic algorithm in eddy currents non destructive testing 104248
Savranskii, V.V. *see* Belovolova, I.V. 85578
Savrasov, K.V. *see* Nishchev, K.N. 69452
Savrin, R. *see* Erzin, R. 70233
Savvides, N. *see* Yau, J.K.F. 106649
Savvidis, E. *see* Zamani, M. 70277
Savvin, Yu.N., Tolmachev, A.V., Yanovskii, V.V., Koval', A.V. Unusual dependence of the effectiveness of spectral sensitization of the photoconductivity of polycrystalline ZnO on the dye concentration in a mixed monolayer on a semiconductor surface 116210
Savvina, R. *see* Smirnov, A. 85127
Saw, J., Suthers, M., Dai, J., Xu, Y., Leroux, R., Nisbet, J., Rabjohn, G., Chen, Z. SAW technology in RF multichip modules for cellular systems 109383
Saw Yoo-Sok *see* Yoo-Sok Saw
Sawa, G. *see* Iida, K. 64049
Sawa, G. *see* Nakamura, S. 70920
Sawa, K., Chen, Z.-K. Arc discharge at electrical contacts 62421
Sawa, K. *see* Hasegawa, M. 62432
Sawa, K. *see* Koibuchi, K. 102675
Sawa, K. *see* Shimoda, N. 71347
Sawa, K. *see* Yamamoto, T. 62419
Sawa, K. *see* Yamamoto, T. 112001
Sawa, K. *see* Zhuan-Ke Chen 62407
Sawa, K. *see* Zhuan-Ke Chen 94170
Sawa, S. *see* Asai, M. 116874
Sawa, S. *see* Geshiro, M. 64763
Sawa, S. *see* Kitamura, T. 116098
Sawa, S. *see* Yabu, T. 85067
Sawab, A.W. *see* Chowdhury, B.H. 111607
Sawabe, A. *see* Ohtsuka, K. 103918
Sawabe, M. *see* Aoyama, H. 110358
Sawabe, T., Suzuki, J., Fujii, T., Ono, S. Evaluation of MPEG2 coding performance for super high definition images 67121
Sawada, H., Imai, N. Self-oscillating optoelectronic up-converter using a heterojunction bipolar transistor 78801
Sawada, H., Ohkura, S., Hashimoto, S. Musical performance system using 3D acceleration sensor 119511
Sawada, H. *see* Ando, Y. 95227
Sawada, H. *see* Imai, N. 68497
Sawada, H. *see* Ino, M. 73249
Sawada, H. *see* Ohtomo, Y. 104516
Sawada, H. *see* Suyama, T. 93329
Sawada, K. Development of magnetically levitated high speed transport system in Japan 103097
Sawada, K., Nakamura, O., Ohya, S., Nonami, K., Iwai, K. 6.6-kV distribution-line insulator diagnostics by measurement of leakage current 70949
Sawada, K., Nakamura, O., Takenouchi, H., Teranishi, I. Development of a volt-ampere measurement device with optical sensors 69197
Sawada, K. *see* Inoue, Y. 112920
Sawada, K. *see* Mizuno, S. 86955
Sawada, K. *see* Nakamura, M. 86954
Sawada, R. *see* Furuya, A. 115386
Sawada, S. *see* Demus, D. 85133
Sawada, S. *see* Tarao, R. 85114
Sawada, S. *see* Yamamoto, H. 79625
Sawada, T., Yamagata, Y., Fujiwara, K., Imai, K. Characterization of MBE-ZnSe/GaAs substrate interface properties and their control 83892
Sawada, T. *see* Matsuyama, T. 92881
Sawada, T. *see* Suzuki, K. 74140
Sawada, T. *see* Suzuki, K. 74141
Sawada, T. *see* Takahama, T. 81884
Sawada, T. *see* Tanaka, T. 94212
Sawada, Y. *see* Goto, K. 63723
Sawada, Y. *see* Hidaka, M. 121520
Sawada, Y. *see* Matsuura, T. 63351
Sawada, Y. *see* Tatsumi, K. 81666
Sawada, Y. *see* Won, H. 73610
Sawada, Y. *see* Zaghib, K. 81668
Sawadsaringkarn, M. *see* Sriyudthsak, M. 79578
Sawaguchi, A. *see* Toda, K. 89510
Sawaguchi, H., Nishida, Y. Performance evaluation for FDTS/DF on MR nonlinear channels 115807
Sawaguchi, H. *see* Mita, S. 75261
Sawaguchi, H. *see* Mita, S. 75261
Sawahashi, M., Miki, Y., Andoh, H., Higuchi, K. Pilot symbol-assisted coherent multistage interference canceller using recursive channel estimation for DS-CDMA mobile radio 118935
Sawahashi, M. *see* Dohi, T. 68224
Sawai, H. *see* Fujii, K. 89276
Sawai, K. *see* Shimizu, T. 73431
Sawai, T., Nishida, M., Hirai, T., Honda, K., Yamaguchi, T., Murai, S., Harada, Y. A super low-noise ion-implanted planar GaAs MESFET MMIC amplifier 83508
Sawai, T. *see* Uda, H. 88199
Sawai, T. *see* Uda, H. 88231
Sawaji, T. *see* Sakai, T. 104926
Sawaki, J. *see* Sugiura, M. 91807
Sawaki, J. *see* Yamamoto, S. 112441
Sawaki, N. *see* Detchprohm, T. 104064
Sawaki, N. *see* Kaneda, N. 63245
Sawaki, N. *see* Sugiura, T. 62728
Sawaki, N. *see* Suzuki, T. 63709
Sawaki, T. *see* Shibata, T. 65586
Sawamoto, H. *see* Murabayashi, F. 73459
Sawamura, M. *see* Kimura, K. 84923
Sawamura, M. *see* Minehara, E.J. 76069
Sawamura, M. *see* Sugimoto, M. 96476
Sawamura, T. *see* Homma, A. 69608
Sawan, M., St-Amand, R., Savaria, Y. Design and optimization of programmable biphasic current-sources 113757
Sawan, M. *see* Harb, A. 80495
Sawan, M. *see* Jeckeln, E.G. 82979
Sawan, M. *see* St.-Amand, R. 110931
Sawant, S., Giordano, P. RTL emulation: the next leap in system verification 83022
Sawant, S., Sridhar, S., Baliga, B.J. The dual gate EST: a new MOS-gated thyristor structure 105937
Sawaragi, T., Umemura, J., Katai, O., Iwai, S. Fusing multiple data and knowledge sources for signal understanding by genetic algorithm 70467
Sawatari, T., Gaubis, P., Mattes, B., Charnetski, C. Fiber optics temperature sensor 100051
Sawatkar, A.R. Long distance satellite telephone 78600
Sawaya, K. *see* Ochi, H. 117003
Sawchuk, A.A. Smart pixel devices and free-space digital optics applications 64997
Sawchuk, A.A. *see* Wei-Feng Su 84952
Sawchuk, R. *see* Larson, L. 82263
Sawdai, D., Plouchart, J.-O., Pavlidis, D., Samelis, A., Hong, K. Power performance of InGaAs/InP single HBTs 93851
Sawh, R. *see* Weinstein, R. 115967
Sawhill, H.T. *see* Home, G.S. 83641
Sawhill, H.T. *see* Keusseyan, R.L. 89281
Sawhney, H.S., Ayer, S. Compact representations of videos through dominant and multiple motion estimation 98298
Sawicki, A. A macromodel of the plasma-arc and its implementation in the SPICE program 73028
Sawicki, A. Parametrical-magnetic converters of large power 91591
Sawicki, J.A. *see* Brett, M.E. 71062
Sawicki, M., Glod, P., Dietl, T. Influence of bound magnetic polarons on electrical and magnetic properties in metallic n-Cd$_{0.95}$Mn$_{0.05}$Se 62716
Sawicki, M. *see* Jaroszynski, J. 105421
Sawicki, M. *see* Lanzillotto, A. 69571
Sawicki, M. *see* Stoger, G. 62958
Sawillion, M., Lux, R., Thone, E. Energy-saving by district heating power stations: the limit of balance determines the result 102415
Sawir, B., Shaibon, H., Mohd Zin, A.A., Lo, K.L. Major causes and mitigation of voltage dip in the electric utility in Malaysia 101664
Sawkar, S.S., Hawthorne, J., Teh, C.H., Dutton, B., McKuhen, R., Alonzo, G., Yamada, M., Nouda, M., Monkowski, J., Addiego, G. Automated inspection and classification of MURA defects in liquid-crystal flat-panel displays 89437
Sawtell, R.R. *see* Premkumar, M.K. 82220
Sawyer, D.N. *see* Cheng, L.P. 70912
Saxe, D., Foulds, R. Toward robust skin identification in video images 117911
Saxe, R.L., Thompson, R.I. Suspended-particle devices 69414
Saxe, T. *see* Lipp, R. 113947
Saxena, A. *see* Bhattacharyya, A. 80123
Saxena, A.K., Saleem, M., Dahake, S.L., Rakhit, A.R., Chakraborty, B., Bhattacharya, S.N.,

Choudhury, J.K. A PC-based automatic precision capacitance bridge 119834
Saxena, A.K., Singh, P. A search for resonant states from deep levels in GaAs and AlGaAs: evidence from Hall effect studies under pressure 83838
Saxena, I., Torbert, R. Time-resolved polarimetry on an optical fibre ammeter 69221
Saxena, I. *see* Moerland, P.D. 116152
Saxena, R. *see* Gautam, J.K. 97792
Saxena, R. *see* Jai Krishna Gautam 66670
Saxena, S., Wai, P.K.A., Menyuk, C.R., Chbat, M.W. Analysis of a soliton-based logic module for a ring network 95904
Saxena, S. *see* Stefani, J.A. 92909
Saxena, S.C., Tandon, V.K., Gupta, S. Patient monitoring in ICCU using syntactic approach 110864
Saxena, S.C. *see* Mehta, S.S. 120424
Saxena, S.N. *see* Kumar, N.V.V.R. 112577
Saxena, S.N. *see* Mondal, S.K. 81979
Saxena, S.N. *see* Mondal, S.K. 121464
Saxena, S.N. *see* Muni, B.P. 81954
Saxena, S.N. *see* Muni, B.P. 81955
Saxena, S.N. *see* Muni, B.P. 112478
Saxena, S.N. *see* Muni, B.P. 121942
Saxena, T. *see* Kapur, D. 92582
Saxena, V. *see* Ravikumar, C.P. 93081
Saxena, V. *see* Ravikumar, C.P. 113654
Saxena, V. *see* Yih, P.H. 105714
Saxena, Y.C. *see* Pradhan, S. 106709
Saxler, A., Walker, D., Zhang, X., Kung, P., Xu, J., Razeghi, M. UV photodetectors based on $Al_xGa_{1-x}N$ grown by MOCVD 100009
Saxler, A. *see* Kung, P. 100008
Saxler, A. *see* Kung, P. 113291
Saxler, A. *see* Zhang, X. 94633
Saxon, D.H. *see* Akesson, T. 69833
Saxton, T. *see* Cauley, G. 91076
Say Song Goh *see* Kah-Chye Tan 66697
Say Song Goh *see* Kah-Chye Tan 66714
Saya, F. *see* Belverde, G. 91613
Saya, F. *see* Belverde, G. 91644
Sayago, I. *see* Getino, J. 119770
Sayah, A., Nissim, Y.I., Toussaere, E. Realisation of silicon based dielectrics anti-resonant reflecting optical waveguide (ARROW) on InP by photochemical deposition 106821
Sayah, J.Y., Gupta, R., Sherlekar, D.D., Honsinger, P.S., Apte, J.M., Bollinger, S.W., Chen, H.H., Das-Gupta, S., Hsieh, E.P., Huber, A.D., Hughes, E.J., Kurzum, M., Rao, V.B., Tabtieng, T., Valijan, V., Yang, D.Y. Design planning for high performance ASICs 113638
Sayama, H. *see* Takai, M. 61875
Sayama, K. *see* Hishikawa, Y. 103018
Sayama, T. *see* Hayama, H. 100241
Sayano Koichi *see* Koichi Sayano
Sayas, F.Castro *see* Castro Sayas, F.
Sayd, P., Dhome, M., Lavest, J.-M. Recovering generalized cylinders by monocular vision 117678
Sayed, A. *see* Elabd, H. 69294
Sayed, A.H., Rupp, M. Error-energy bounds for adaptive gradient algorithms 97780
Sayed, A.H. *see* Rupp, M. 76974
Sayed, A.H. *see* Rupp, M. 97725
Sayed, K.E. *see* Birkedal, D. 107558
Sayed, K.El *see* El Sayed, K.
Sayed, M. *see* Parker, A. 100294
Sayed, M. *see* Scott, J. 69005
Sayed, M.A.H.El *see* El Sayed, M.A.H.
Sayed, S. *see* Abu-Shama, E. 73324
Sayed, S. *see* Shipley, P. 99003
Sayeed, A.M., Jones, D.L. Integral transforms covariant to unitary operators and their implications for joint signal representations 76969
Sayeed, H.M., Abu-Amara, H. Efficient perfectly secure message transmission in synchronous networks 67836
Sayeed, S.A., Walsh, K.M. Electrostatic deformable devices using surface micromachining 106251
Sayer, M. *see* Griswold, E.M. 75024
Sayer, M. *see* Sedlar, M. 84692
Sayer, M. *see* Sedlar, M. 84693
Sayer, M. *see* Sedlar, M. 110179
Sayers, D.E. *see* Aldrich, D.B. 74618
Sayers, D.E. *see* Edwards, A.M. 83975
Sayfy, A.M.S. A[α]-stable additive Runge-Kutta methods for stiff IVPs 103779
Sayin, M., Ozyazici, M.S. Gain switched ultrashort pulse generation from semiconductor lasers 76022
Sayin, S. An algorithm based on facial decomposition for finding the efficient set in multiple objective linear programming 113158
Sayler, K.L. *see* Dwyer, J.L. 111135
Sayles, A.H. *see* Tait, G.B. 100013
Saylors, M.L. *see* Evangelides, S.G., Jr. 109667
Sayood, K. *see* Memon, N.D. 117822
Sayood, K. *see* St. Germain, K.M. 120836
Sayouri, S. *see* Moukhliss, S. 114723
Sayre, C.J. *see* Winter, E.M. 108555
Sayrol, E., Gasull, A., Fonollosa, J.R. Motion estimation using higher order statistics 77275
Sayson, A.M. *see* Read, B.C. 120625
Saysset, N., Labat, N., Touboul, A., Danto, Y., Dumas, J.M. Comparison of conventional and pseudomorphic HEMTs performances by drain current transient spectroscopy and LF channel noise 115229
Sayyah, K., Efron, U. Optically addressed spatial light modulator with a high photosensitivity and intensity adaptation range 106979
Sayyah Jahromi, M.R. *see* Godara, L.C. 66740
Sazhin, A.V. *see* Vlasov, N.G. 67402
Sazonov, Yu.A. *see* Rapoport, V.O. 80631
Sazykin, V.G. Expansion and classification of using fuzzy numbers in the power supply tasks 101689
Sbaiz, L. *see* Calvagno, G. 86565
Sbeghen, J. *see* Blondin, J.-P. 90624
Sbert, C. *see* Caselles, V. 67228
Sberveglieri, G., Depero, L.E., Ferroni, M., Guidi, V., Martinelli, G., Nelli, P., Perego, C., Sangaletti, L. A novel method for the preparation of nanosized TiO_2 thin films 72886
Sberveglieri, G., Faglia, G., Perego, C., Nelli, P., Marks, R.N., Virgili, T., Taliani, C., Zamboni, R. Hydrogen and humidity sensing properties of C_{60} thin films 69370
Sberveglieri, G. *see* Di Natale, C. 119765
Sberveglieri, G. *see* Ferroni, M. 119757
Sbiaa, R., Le Gall, H., Braik, Y., Yurchenko, S., El Harfaoui, M. Theoretical investigation of magnetization configuration and reversal processes in exchange-coupled multilayers 115614
Sbick, B. *see* Saupe, R. 90975
Sbitnev, S.A. *see* Shmelev, V.E. 81931
Sborchia, C. *see* Yoshida, K. 95513
Sbosny, H. *see* Hietschold, M. 119757
Sbrizzai, R. *see* Pugliese, P. 121060
Scaccia, S. *see* Giorgi, L. 81742
Scacco, A. *see* Furetta, C. 110961
Scacco, A. *see* Gomez Ros, J.M. 64904
Scacco, P. *see* Jacob, P. 74734
Scacco, P. *see* Jacob, P. 115165
Scacco, P. *see* Malberti, P. 94805
Scacco, P. *see* Wu, W. 96929
Scacco, P. *see* Wuchen Wu 106026
Scafuri, F. *see* Gallagher, D. 114525
Scaglia, A. *see* Dezza, F.C. 122083
Scaglione, A. *see* Betta, G. 69216
Scaglione, A. *see* Russo, V. 116049
Scaglione, N. *see* Betta, G. 110194
Scala, M.La *see* La Scala, M.
Scala, N.La, Jr. *see* La Scala, N., Jr.
Scala, R. *see* Stamenkovic, B. 98983
Scalart, P., Benamar, A. On the influence of front-end processing schemes on the GSM coder behaviour in the context of hands-free radiotelephony 68159
Scalbert, D. *see* Chtourou, R. 62865
Scales, D.J., Burrows, M., Thekkath, C.A. Experience with parallel computing on the AN2 network 78002
Scales, W.H., Pickering, L.W., Takahashi, S., Sakai, T. Base station placement for in-building microcellular PCS 78577
Scalet, K. *see* Rauch, J. 88297
Scalise, E., Jr. *see* Pacheco, G.M. 99711
Scalise, F., Zuccaro, A., Cremonesi, A. Motion estimation on very high speed video signals: a flexible and cascadable block matching processor 67118
Scalise, J. Plastic encapsulated microcircuits (PEM) qualification testing 112930
Scallen, S.F., Smith, K., Hancock, P.A. Development of a simulator to investigate pilot decision making in free flight 120586
Scalora, M., Fork, R.L., Bloemec, M.J., Tocci, M.D., Bowden, C.M., Bendickson, J.M., Dowling, J.P. Ultrashort pulse propagation in one-dimensional photonic band-gap structures: low momentum states and invariance under transmission 105842
Scalzo, A.J., Bannister, R.L., DeCorso, M., Howard, G.S. Evolution of Westinghouse heavy-duty power generation and industrial combustion turbines 91359
Scamarcio, G. *see* Corvasce, C. 107339
Scandale, W., Giovannozzi, M., Grassi, R., Todesco, E. Sorting strategies for the LHC based on normal forms 89826
Scandale, W., Jeanneret, B., Koutchouk, J.-P., Luo, X., Meot, F., Ostojic, R., Risselada, T., Rufer, C., Taylor, T., Trenkler, T., Weisz, S. The lattice of the CERN Large Hadron Collider 89825
Scandale, W. *see* Bartolini, R. 120058
Scandale, W. *see* Dehning, B. 79949
Scandale, W. *see* Giovannozzi, M. 120020
Scandella, L. *see* Ames, F. 100795
Scandolo, S. *see* Rapapa, N.P. 116625
Scandurra, A., Zafarana, R., Grasso, A., Pelligra, B., Indelli, G.F. Study of adhesion of molding compounds on differently treated copper surfaces 112913
Scanlan, J.M., Loushine, M.J., Steedly, W.M. The 2-D windowed recursive sliding DFT 87225
Scanlan, R.M. *see* McInturff, A.D. 100414
Scanlan, R.M. *see* McIntyre, P.M. 100461
Scanlan, S.O. *see* AbuShaaban, M. 97203
Scanlon, J. *see* Verhaege, K. 116815
Scansen, D. *see* Johanson, R.E. 62667
Scapolla, A.M. *see* Parodi, G. 112798
Scarabin, J.M. *see* Trousset, Y. 70059
Scarabosio, L. Influence of the phase relationship between direct path and interference path on XPIC performance 88097
Scarabottolo, N. *see* Barretta, L. 101692
Scaramella, R. *see* Mandolesi, N. 99703
Scaramella, R. *see* Smoot, G.F. 99702
Scarano, D., Ghinamo, G., Montrosset, I. Numerical simulation of DBR erbium doped fiber lasers 96137
Scarano, D., Montrosset, I. Theoretical modeling of FM mode locked Er:$LiNbO_3$ waveguide lasers 65136
Scarano, D. *see* Puscas, N.N. 79746
Scarano, G., Panci, G., Jacovitti, G. Improved MUSIC using uniform subarrays 117489
Scarano, M. *see* D'Angelo, G. 102702
Scarano, M. *see* Di Stefano, R. 102749
Scarano, M. *see* Gentile, G. 91562
Scarano, M. *see* Gentile, G. 112432
Scarano, M. *see* Meo, S. 91820
Scarcella, G. *see* Consoli, A. 121774
Scarcella, G. *see* Consoli, A. 121931
Scarcella, G. *see* Musumeci, S. 112135
Scardi, M. *see* Fantacci, R. 68107
Scares, D.M. *see* Teschke, O. 63381
Scarfone, C. *see* Jaszczak, R.J. 101285
Scarfone, C. *see* McCormick, J.W. 101171
Scarinci, F., Casella, A., Lagomarsino, S., Fiordelisi, M., Strappaveccia, P., Gambacorti, N., Grimaldi, M.G., Li Ying-Xue An electrostatic Si e-gun and a high temperature elemental B source for Si heteroepitaxial growth 113321
Scarlat, D., Ruschin, S., Brooks, D. Experimental characterization of coupled waveguides by normal-mode excitation 75542
Scarlat, N. *see* Rosu, V.A. 121366
Scarlett, C.Y. *see* Carman, T.S. 110634
Scarlett, P. *see* Bhattacharya, T.K. 109772
Scarlin, B. *see* Kramer, E. 91351
Scarlini, E. *see* Mours, B. 100821
Scarlini, E. *see* Mours, B. 120196
Scarmozzino, R., Osgood, R.M., Jr., Eldada, L., Hu, M., Huang, J., Levy, D., Marbach, P., Levy, M. Rapid design and fabrication of new photonic integrated circuits for lightwave systems 88485
Scarmozzino, R. *see* Freiler, M.B. 105691
Scarmozzino, R. *see* Liu, Y.S. 116287
Scarpa, A. *see* Paccagnella, A. 95203
Scarpa, P.C.N., Svatik, A., Das-Gupta, D.K. Dielectric spectroscopy of polyethylene in the frequency range of 10^{-5} Hz to 10^6 Hz 72973
Scarpa, P.C.N. *see* Das-Gupta, D.K. 64115
Scarpa, P.C.N. *see* Das-Gupta, D.K. 84700
Scarpellini, P. *see* Baratella, P. 101712
Scarpellini, P. *see* Delfino, B. 101930
Scarpellini, P. *see* Maschio, A. 102873
Scarpetta, G. *see* Pica, S. 82953
Scarpetta, G. *see* Pica, S. 105891
Scarpitta, S.C., Fisenne, I.M. Cerenkov counting as a complement to liquid scintillation counting 110623
Scarpulla, J., Eng, D.C., Brown, S., MacWilliams, P. Reliability of metal interconnect after a high-current pulse 84221
Scarpulla, J. *see* Wei Xia 63874
Scarr, R.W.A. *see* Dames, M.P. 88059
Scarsbrook, G.A. *see* Massart, M. 106750
Scarselli, M.A. *see* Cricenti, A. 69371
Scarselli, M.A. *see* Cricenti, A. 104125
Scatena, D. *see* Ristau, D. 107433
Scattareggia Marchese, S. *see* Bergamasco, M. 110940
Scavennec, A., Giraudet, L., Legros, E. InP electronic preamplifiers in photoreceiver applications 104355
Scavennec, A. *see* Boudiaf, A. 93792
Scavennec, A. *see* Bruno, A. 96044
Scavennec, A. *see* Temmar, A. 106963
Scavitto, J. Linear drive systems adjust "On the fly" 71767
Sceats, M. Australian Photonics CRC: building a photonic future 99495
Sceats, M.G. *see* Canning, J. 64647
Sceats, M.G. *see* Canning, J. 75490
Sceats, M.G. *see* Canning, J. 75492
Sceats, M.G. *see* Canning, J. 99554
Sceats, M.G. *see* Janos, M. 75460
Scelsi, G.B., Morrow, R., Woolsey, G.A. Measurement of corona wind speed in an electrostatic precipitator using an optical fibre Fizeau interferometer 79500
Scepan, J., Estes, J.E., Starmer, W.J. Accuracy analysis and validation of global 1 km land cover data sets 120667
Scerbo, E. *see* Etemad, S. 78795
Schaack, G. *see* Meyer, R. 74404
Schaack, G. *see* Stuehler, J. 74405
Schaafsma, T.J. *see* Maree, C.H.M. 116202
Schaber, U. *see* Weber, J. 89047
Schabes, M.E. *see* Ross, C.A. 64451
Schablitsky, S.J., Lei Zhuang, Shi, R.C., Chou, S.Y. Controlling polarization of vertical-cavity surface-emitting lasers using amorphous silicon subwavelength transmission gratings 85455
Schablitsky, S.J., Lei Zhuang, Shi, R.C., Chou, S.Y. Polarization locking of vertical cavity surface-emitting lasers using amorphous Si subwavelength transmission gratings 107349
Schacham, S.E. *see* Fenigstein, A. 105383
Schacham, S.E. *see* Maimon, S. 114750
Schacham, S.E. *see* Weiser, K. 116226
Schachinger, L. *see* Nishimura, H. 89937
Schachinger, L. *see* Portmann, G. 100611
Schachinger, L. *see* Robin, D. 120014
Schachinger, L.C. *see* Garren, A.A. 79910
Schacht, P. *see* Braunschweig, W. 120173
Schachter, L. Particle acceleration in an active medium 79888
Schachter, L. *see* Flechtner, D. 90107

Schachter, L. *see* Ivers, J.D. 89607
Schachter, L. *see* Naqvi, S. 62635
Schachter, L. *see* Naqvi, S. 100472
Schachter, L. *see* Naqvi, S.A. 62621
Schachter, L. *see* Naqvi, S.A. 105077
Schachter, S.C. *see* Ives, J.R. 90526
Schachterle, L. *see* Lutz, F.C. 72145
Schack, B. *see* Baresova, E. 69929
Schad, B.R. *see* Prins, M.W.J. 64461
Schad, L.R. *see* Bluml, S. 80284
Schad, L.R. *see* Essig, M. 80279
Schad, L.R. *see* Wiener, E. 101272
Schade, A. *see* Hutchison, A. 90561
Schade, K., Kuske, J., Steinke, O., Stephan, U., Blum, T., Beyer, W. A new helix plasma source for VHF PECVD of a-Si:H 92895
Schade, K. *see* Alhallani, B. 92898
Schade, U. *see* Kollakowski, S. 89097
Schade, W., Blanke, T., Willer, U., Rempel, C. Compact tunable mid-infrared laser source by difference frequency generation of two diode-lasers 96620
Schadt, D. Simplified model describing combined effect of fibre nonlinearities and spontaneous amplifier noise 78759
Schadt, D.G. *see* Chan, K.C. 78761
Schadt, M. Liquid crystals and field effects for nematic and ferroelectric LCDs 89316
Schadt, M., Seiberle, H., Schuster, A. Optical patterning of multidomain liquid-crystal displays with wide viewing angles 79635
Schadt, M. *see* Buchecker, R. 85134
Schadt, M. *see* Funfschilling, J. 69423
Schadt, M. *see* Pensl, G. 105224
Schadt, M. *see* Verhulst, A.G.H. 89259
Schaedeli, U., Tinguely, E., Blakeney, A.J., Falcigno, P., Kunz, R.R. Bilayer resist approach for 193-mm lithography 105787
Schaefer, D. *see* Sienski, K. 73917
Schaefer, H. Optimization of energy supply through system cross-linking–possibilities and limits of compound 121280
Schaefer, H.-E. *see* Kisker, H. 64290
Schaefer, I.M. *see* Karuppan, C.M. 92304
Schaefer, J.A. *see* Polyakov, V.M. 94366
Schaefer, M., Laub, W., Sabee, J.M., Fournelle, R.A., Lee, P.S. A numerical method for predicting intermetallic layer thickness developed during the formation of solder joints 92182
Schaefer, M., Martini, R., Richter, S., Petri, M., Murtz, M., Urban, W. Experiments on linewidth reduction by fast electrical feedback 65185
Schaefer, M.J. Verification of constrained minima 60917
Schaefer, P. *see* Parikh, A. 72792
Schaefer, P. *see* Schikora, D. 72789
Schaefer, P. *see* Tran, T.K. 74408
Schaefer, R. *see* Flory, M. 118231
Schaefer, R.C. *see* Eberly, T.W. 121524
Schaefer, R.K., Piccirillo, L. Optimizing observing patterns in cosmic microwave background radiation anisotropy experiments 68783
Schaefer, R.K. *see* Kowitt, M.S. 99705
Schaefer, T.M., Kacines, J.J., Randall, B.A., Roszel, L.E., Fokken, G.J., Walter, D., Schwab, D.J., Mowatt, L., Gilbert, B.K. A chips-first multichip module implementation of passive and active test coupons utilizing Texas Instruments' high density interconnect technology 62513
Schaefer, W. Signal processing in radiated EMI measurements 97159
Schaefer, W. The measurement of EM emissions in the open air 107957
Schaefers, F. *see* Erko, A. 90250
Schaefers, J. *see* Yao, Y.X. 108272
Schaeffer, C., Rodewald, M. Growth of epitaxial CoSi$_2$ films on strained Si$_{1-x}$Ge$_x$/Si(001) heterostructures 103856
Schaeffer, C. *see* Kleimann, A. 89164
Schaeffer, D.J. *see* Sadwick, L.P. 74052
Schaeffer, M. *see* Bauer, R. 100920
Schaeffer, P. *see* Cazenave, A. 88704
Schaeffer, R.D. Novel high-power Nd:YLF laser for CVD-diamond micromachining 74924
Schaeffer, R.D., Chen, L., Ho, W. Laser planarization of chemical vapor deposited diamond film 107648
Schaeffer, R.D. *see* Ogura, G. 107638
Schaeffler, R. *see* Ruckh, M. 94454
Schaer, K. *see* Cox, C. 101208
Schaer, M.A. *see* Guerin, L. 84629
Schaerf, C. *see* Girolami, B. 110887
Schaetzle, P. *see* Fuchs, G. 115959
Schaevitz, A. The great frame relay wars 87276
Schafbauer, T., Kersch, A. Temperature control in RTP using reduction of equipment models 63208
Schafer, A. *see* Stiebler, W. 95051
Schafer, D. *see* Ettrich, K. 107466
Schafer, F. *see* Geppert, R. 120141
Schafer, F.P. *see* Wulker, C. 116638
Schafer, G.W., de Kroon, A.P., Aldinger, F. Influence of precursor chemistry on phase evolution and stability range in the potassium-beta alumina system 112325
Schafer, H., Wiegmann, G., Hennemann, O.-D. Electrically conductive adhesive joints with nonfilled adhesives 119801
Schafer, H. *see* Bauer, A. 112905
Schafer, H. *see* Bloss, P. 84672
Schafer, H. *see* Bock, J. 84566
Schafer, H. *see* Hofmann, F. 63673
Schafer, H. *see* Risch, L. 84407
Schafer, H. *see* Risch, L. 105957
Schafer, H. *see* Scholl, S. 62714
Schafer, K.J., Kulander, K.C. Calculation of high-order harmonic generation by ultrashort laser pulses 107521
Schafer, K.J., Kulander, K.C., Squier, J.A., Barty, C.P.J. Proposed generation of sub-femtosecond VUV pulses from high order harmonics 107493
Schafer, M. *see* Ankner, J.F. 64364
Schafer, M. *see* Wen-Yao Shi 70215
Schafer, P. *see* Schikora, D. 61233
Schafer, P. *see* Summers, C.J. 74445
Schafer, R. The DVB-T standard 68836
Schafer, R. The status of HDTV in Europe 79158
Schafer, R., Roth, S., Stiller, C., Eckert, J., Klement, U., Schultz, L. Domain studies on mechanically alloyed Fe-Zr-B-Cu-nanocrystalline powder 115509
Schafer, R. *see* Herzog, H.-G. 91389
Schafer, R. *see* Rave, W. 115502
Schafer, R.W. *see* Armitano, R. 87216
Schafer, R.W. *see* Armitano, R.M. 86576
Schafer, R.W. *see* Di Bella, E.V.R. 101149
Schafer, R.W. *see* Khosravi, M. 77272
Schafer, R.W. *see* Schodorf, J.B. 117301
Schafer, W. Influence of electron-electron scattering on femtosecond four-wave mixing in semiconductors 76269
Schafer, W. *see* Leisching, P. 63036
Schaff, A. *see* Kabore, P. 118112
Schaff, W. *see* Ryu, S.R. 105372
Schaff, W.J. *see* Burm, J. 63778
Schaffa, F. *see* Cohen, R. 78086
Schaffa, F. *see* Nussbaumer, J.-P. 88845
Schaffeler, P., Kyyra, J. Active power factor correction of a single-phase rectifier 91652
Schaffer, G. User experience with EMS-functions 70667
Schaffer, R.J. *see* Rastomjee, C.S. 105567
Schaffer, T. *see* Banerjia, S. 60656
Schaffer, T.E. *see* Proksch, R. 84798
Schaffer, W.J., Fry, H.W. BPSG improves CMP performance for deep submicron ICs 114919
Schaffers, K.I., DeLoach, L.D., Payne, S.A. Crystal growth, frequency doubling, and infrared laser performance of Yb^{3+}:BaCaBO$_3$F 65130
Schaffler, F. *see* Forster, M. 105349
Schaffler, F. *see* Heiss, W. 62960
Schaffler, F. *see* Holzmann, M. 63792
Schaffler, F. *see* Stoger, G. 62958
Schaffler, F. *see* Tobben, D. 63817
Schaffler, S. Unconstrained global optimization using stochastic integral equations 72547
Schaffner, C. *see* Fell, J. 90525
Schaffner, C. *see* Fell, J. 110822
Schaffner, H. *see* Kroell, T. 69764
Schaffner, J.H. *see* Chang, G.K. 109662
Schaffrath, W. *see* Erning, J.W. 81799
Schafft, H.A., Erhart, D.L., Gladden, W.K. From testing-in to building-in reliability 95132
Schafft, H.A. *see* Erhart, D.L. 60728
Schafstall, P.J. *see* Bolme, G.O. 89706
Schafstall, P.J. *see* MacKerrow, E.P. 109804
Schaible, S. *see* Bianchi, M. 82455
Schaible, S. *see* Hadjisavvas, N. 82457
Schaible, S. *see* Molho, E. 103534
Schaich, P.C., Clark, G.A., Sengupta, S.K., Ziock, K.-P. Automatic image analysis for detecting and quantifying gamma-ray sources in coded-aperture images 100972
Schaich, W.L., Geller, M.R., Vignale, G. Classical continuum theory of the dipole-forbidden collective excitations in quantum strips 74419
Schaik, A.van *see* van Schaik, A.
Schaik, F.A.Van *see* Van Schaik, F.A.
Schakelford, L. *see* Swarnakar, V. 110708
Schalchli, A. *see* Gautier, E. 96028
Schaldach, M. *see* Frohlich, R. 101407
Schalk, S. *see* Engelko, V. 69671
Schalkoff, R.J., Shaaban, K.M., Carver, A.E. Image processing algorithm design and implementation for real-time autonomous inspection of mixed waste 82296
Schalkoff, R.J. *see* Busboom, A. 67164
Schalkoff, R.J. *see* Busboom, A. 77210
Schalkwijk, J.P.M. *see* Meeuwissen, H.B. 66463
Schalkwijk, W.A.Van *see* Van Schalkwijk, W.A.
Schall, S. *see* Ping He 80488
Schall, W.O. *see* Handke, J. 116318
Schallenberg, U.B. *see* Eva, E. 107471
Schaller, G., Erb, J., Engelbrecht, R. Field simulation of dipole antennas for interstitial microwave hyperthermia 80457
Schaller, M. *see* Mathoorasing, D. 119134
Schaller, S. *see* Wolf, L.C. 118244
Schaller, T. *see* Kohler, U. 101268
Scham, M. *see* Burkhardt, W. 110976
Schambach, J., Meyer, H.-G., Warzermann, L., Weber, P., Bluthner, K., Daalmans, G.M., Bommel, F., Uhl, D. Analytical calculation of the I-V characteristics of SQUIDs with parasitic elements 95508
Schamberger, M.A., Kosanovich, S., Mittra, R. Parameter extraction and correction for transmission lines and discontinuities using the finite-difference time-domain method 76529
Schamel, A. Differential amplifier provides accurate, safe oscilloscope measurements 119791
Schamiloglu, E. *see* Abdallah, C. 105060
Schamiloglu, E. *see* Abdallah, C. 105072
Schamiloglu, E. *see* Agi, K. 104821
Schamiloglu, E. *see* Focia, R.J. 102823
Schamiloglu, E. *see* Grabowski, C. 62626
Schamiloglu, E. *see* Moreland, L.D. 62627
Schamiloglu, E. *see* Moreland, L.D. 105070
Schamschula, M. *see* Srinivasan, R. 77395
Schamschula, M.P. *see* Osei, A. 75637
Schanen, J.-L. *see* Clavel, E. 62450
Schanen, J.-L. *see* Zhang, M.T. 121732
Schanen, J.L., Clavel, E., Roudet, J. Modeling of low inductive busbar connections 102868
Schanen, J.L. *see* Merienne, F. 121716
Schanne-Klein, M.C., Ghanassi, M., Flytzanis, R., Flytzanis, C. Mechanisms and size dependence of resonant optical nonlinearity in glasses doped with nanocrystalline Cd(S,Se) 76206
Schanstra, I. *see* van de Goor, Ad.J. 73340
Schantz, D. *see* Nguyen, N.B. 82226
Schantz, D. *see* Nguyen, N.B. 82943
Schantz, D. *see* Nguyen, N.B. 84378
Schantz, R.E. *see* Bakken, D.E. 87754
Schantz, S. *see* Demos, S.G. 120382
Schanz, L. *see* Steiner, I. 96115
Schanzenbach, E.C. *see* Hathaway, D.J. 115269
Schanzer, G., Kruger, J. Delayed pilot response in windshear 120599
Schanzer, G. *see* Tiemeyer, B. 79081
Schanzer, R.W., Laurin, L. Optimizing thickness uniformity with furnace pressure control 84147
Schanzer, R.W. *see* Kizilyalli, I.C. 106227
Schaper, C. *see* Moslehi, M.M. 84056
Schaper, J. *see* Einfeld, D. 79865
Schaper, J. *see* Moser, H.O. 79772
Schaper, L. *see* Lenihan, T. 114479
Schaper, L.W., Morcan, G. High frequency characteristics of MCM decoupling capacitors 114485
Schaper, L.W. *see* Chen, K.Y. 104128
Schaper, L.W. *see* Glover, R.D. 62532
Schaper, L.W. *see* Low, Y.L. 94144
Schaper, L.W. *see* Parkerson, J.P. 62529
Schaper, U., Ahlers, D. Physical heterojunction bipolar transistor model for microwave large signal simulation 114269
Schapers, Th. *see* Appenzeller, J. 63826
Schaposchnikov, S. *see* Hofbeck, K. 105330
Schardein, W. *see* Budde, W. 93622
Scharen, M. *see* Feng, M. 93697
Scharer, J.E., Kelly, K., Ding, G., Shen, W., Bettenhausen, M., Lam, N.T., Synitsin, D. VUV laser plasma formation and microwave agile mirror/absorber 117092
Scharer, J.E. *see* Anderson, J. 62630
Scharer, J.E. *see* Basten, M.A. 62629
Scharer, J.E. *see* Joe, J. 62628
Scharer, J.E. *see* Mouzouris, Y. 108019
Scharf, B. *see* Tsai, C. 63624
Scharf, E.M. *see* Ramalho, M.F. 67537
Scharf, G. *see* Hasenclever, J. 113506
Scharf, J. *see* Bluml, S. 80284
Scharf, J. *see* Essig, M. 80279
Scharf, L., Luetzner, J. New RF components for mobile communication 78507
Scharf, V. *see* Eyal, O. 95798
Scharfe, R. *see* Dreizner, A. 115356
Scharfetter, L. *see* Becks, K.-H. 62521
Scharfetter, L. *see* Jarron, P. 104359
Scharinger, J., Pichler, F., Kozek, W., Feichtinger, H.G. Chaotic Kolmogoroff-flows for image encryption 108446
Scharlemann, E.T. *see* Fawley, W.M. 76056
Scharlemann, E.T. *see* Nuhn, H.-D. 76057
Scharlemann, E.T. *see* Tatchyn, R. 96526
Scharmann, A. *see* Burkhardt, W. 110976
Scharnweber, R., Schilling, M. Integrated YBa$_2$Cu$_3$O$_7$ magnetometer with flux transformer and multiloop pick-up coil 99957
Scharstein, D. Stereo vision for view synthesis 86464
Scharstein, D., Szeliski, R. Stereo matching with non-linear diffusion 86399
Schat, E.P. *see* Wang, H.W. 93948
Schattenburg, M.L. *see* Smith, H.I. 115095
Schattke, W. *see* Reigrotzki, M. 114604
Schatz, A.H., Sloan, I.H., Wahlbin, L.B. Superconvergence in finite element methods and meshes that are locally symmetric with respect to a point 61038
Schatz, R. *see* Kjebon, O. 107236
Schatz, W., Renk, K.F. Generation of intense tunable FIR-pulses 65048
Schatzle, M. *see* Stoffel, A. 63346
Schatzmann, J.C. Accuracy of the discrete Fourier transform and the fast Fourier transform 113264
Schau, H., Stade, D. Impacts of internal arcing faults in low-voltage switchgear assemblies and power systems 111675
Schaub, A. *see* Schoning, M.J. 89046
Schaub, D. *see* Vining, G.G. 82416
Schaub, T. Standards: from multi-media communication to multi-functional applications [power system metering] 102309
Schaubert, D.H. A class of E-plane scan blindnesses in single-polarized arrays of tapered-slot antennas with a ground plane 85997
Schaudel, D. Micro sensors moving to new technologies 69053
Schaudel, D. Micro sensors moving to new technologies 99959

Schaudy, R. *see* Vesely, A. 82184
Schauer, D.A. *see* Cassata, J.R. 120555
Schauer, F. Optimization and stability of a cable-in-conduit superconductor 95401
Schauer, G., Szeless, A. Utilization of solar energy for electricity production–Austrian case examples 91396
Schauer, H. *see* Rauterberg, M. 119512
Schauer, P. *see* Sikula, J. 104887
Schaufler, M. *see* Wallrabe, U. 111827
Schaumann, R. *see* Chiang, D.H. 104694
Schaumann, R. *see* Santos, P.F. 73133
Schaumann, R. *see* Santos, P.F. 93556
Schaumann, R. *see* Szczepanski, S. 106194
Schaumbergee, J. *see* Brauninger, H. 90702
Schauwecker, R. *see* Ivanshin, V.A. 75319
Schcehlkunoff, S.V. *see* Kozyrev, E.V. 79766
Schechter, A. *see* Aurbach, D. 81660
Schechtman, J., de Queiroz, A.C.M., Caloba, L.P. A practical implementation scheme for component simulation SI filters 73550
Scheckler, E.W. *see* Neureuther, A.R. 74814
Scheel, H.J. *see* Klemenz, C. 103965
Scheel, W. Plasma assisted wave soldering 94074
Scheeper, P.R. *see* Licht, T.R. 119636
Scheer, A.-W. *see* Fischer, K. 87844
Scheer, A.B.V.D. *see* V.D. Scheer, A.B.
Scheer, B.W. *see* Huff, H.R. 63858
Scheer, P., Collette, T., Juvin, D., Chenevas-Paule, A., Bouzinac, J.P., Churoux, P., Fraces, M. A massively parallel SIMD multi-processor system using optical interconnects: SYNOPTIQUE 85197
Scheer, R., Luck, I., Sehnert, H., Lewerenz, H.J. Scavenging of excess Cu atoms in CuInS$_2$ films by sulphur annealing 92939
Scheer, R. *see* Metzner, H. 71713
Scheer, U., Kosbi, K., Boseck, S. Influence of an eccentric transducer on V(z) measurement 84752
Scheerhorn, A. Dickson polynomials, completely normal polynomials and the cyclic module structure of specific extensions of finite fields 117247
Scheermesser, T., Bryngdahl, O. Control of texture in image halftoning 98155
Schefer, J., Medarde, M., Fischer, S., Thut, R., Koch, M., Fischer, P., Staub, U., Horisberger, M., Boettger, G., Doenni, A. Sputtering method for improving neutron composite germanium monochromators 69680
Schefer, M., Lott, U., Benedickter, H., Klepser, B.-U., Patrick, W., Bachtold, W. Monolithic coplanar, varactor tunable V-band HEMT oscillator with injection locking capability 114302
Schefer, M., Lott, U., Klepser, B.-U., Meier, H.-P., Patrick, W., Bachtold, W. Monolithic V-band high power and varactor tunable HEMT oscillators 62313
Schefer, M., Meier, H.-P., Klepser, B.-U., Patrick, W., Bachtold, W. Integrated coplanar mm-wave amplifier with gain control using a dual-gate InP HEMT 83494
Schefer, M. *see* Diskus, C.G. 63764
Schefer, M. *see* Duran, H. 83540
Schefer, M. *see* Duran, H.C. 104830
Schefer, M. *see* Klepser, B.-U.H. 93822
Scheffer, D. *see* Meynants, G. 98272
Scheffer, D. *see* Pardo, F. 119720
Scheffer, D. *see* Seijnaeve, J. 99995
Scheffer, F. *see* Mihaila, M. 106071
Scheffler, D. *see* Schwetje, O. 63452
Scheffler, K., Hennig, J. Frequency resolved single-shot MR imaging using stochastic k-space trajectories 70013
Scheffler, M. *see* Kirchhof, J. 75864
Scheffnecht, G. *see* Brandauer, M. 91371
Schefold, J. Impedance and current-voltage behavior of a semiconductor/liquid junction with a small energy barrier 63118
Schegelsky, V.A. *see* Akesson, T. 69833
Scheglov, M.P. *see* Andreev, A.N. 103981
Scheglov, M.P. *see* Maltsev, A.A. 103987
Schegner, P. *see* Hupfauer, H. 70965
Schehrer, R.G. On a cut-off priority delay-loss system with three types of traffic 98437
Scheib, M., Schroder, B., Oechsner, H. Deposition of nanocrystalline silicon films (nc-Si:H) from a pure ECWR-SiH$_4$ plasma 92877
Scheib, M. *see* Sattel, S. 82753
Scheibe, H.-J. *see* Endler, I. 72917
Scheibel, A. Performance of a spread spectrum system with diversity transmission in mobile radio channels 78460
Scheibel, R.C., Jr. *see* Smolinske, J.C. 109496
Scheibenbogen, M., Clausen, S., Guntsch, A. Dynamical channel allocation in hierarchical cellular systems 109518
Scheiber, R. *see* Moreira, A. 111163
Scheiber, R. *see* Moreira, A. 120712
Scheiber, R. *see* Vesely, A. 82184
Scheibig, W.E.F., Cardoso, J.R. An approach to the ironless high speed electronically commutated permanent magnet motor 102640
Scheiblin, P. *see* Mathiot, D. 63252
Scheibner, H. *see* Moenke, D. 113495
Scheid, E. *see* Cordier, C. 72946
Scheid, H. *see* Albers, D. 69756
Scheid, W. *see* Hora, H. 107486
Scheidecker, D., Tennakoon, S.B. Steady-state performance of a 3-level advanced static VAr compensator 101765
Scheidegger, M.B. *see* Botnar, R. 90298
Scheidegger, M.B. *see* Maier, S.E. 69992
Scheideler, C. *see* Cypher, R. 98508
Scheider, D., Hopkins, D., Zucco, P., Moszczynski, E., Griffin, M., Takacs, M., Galvagni, J. Reliability and characterization of MLC decoupling capacitors with C4 interconnections 114347
Scheidl, M. *see* Peham, C. 90275
Scheidt, E.M., Roberts, J.L. Private escrow key management: a method and its issues 66271
Scheidt, K. *see* Chung, Y. 100613
Scheidt, K. *see* Ropert, A. 79912
Scheidt, L.-G., Stadlbauer, H. Electronics products and continuous improvement of their environmental performance–a comprehensive approach 60754
Scheidt, L.-G., Stadlbauer, H. CARE "VISION 2000"–the environmental research platform of the electronics industry in Europe 72383
Scheidt, L.-G. *see* Hermann, F. 72388
Scheidt, R. *see* Kleinefeld, T. 64353
Scheiman, D. *see* Rybicki, G. 71709
Scheiman, D.A., Jenkins, P.P., Brinker, D.J., Appelbaum, J. Low-intensity low-temperature (LILT) measurements and coefficients on new photovoltaic structures 70413
Scheinbeim, J.I. *see* Mei, B.Z. 106342
Scheinberg, N. *see* Al-Kuran, S. 115254
Scheiner, A. *see* Stein, R.B. 110657
Scheinfein, M.R., Schmidt, K.E., Heim, K.R., Hembree, G.G. Long range order in 2-D arrays of nanometer-sized Fe islands on CaF$_2$/Si(111) 64267
Scheinfein, M.R. *see* Streblechenko, D.G. 119842
Scheiter, T., Biebl, M., Hierold, C., Klose, H. VLSI-compatible stress-annealing in doped silicon films 63221
Scheiter, T. *see* Hierold, C. 74934
Scheitrum, G.P. *see* Hargreaves, T.A. 62612
Schelbert, H. *see* Nuyts, J. 90313
Schelen, O. *see* Degermark, M. 118589
Schelhase, S., Boettcher, J., Gibis, R., Kuenzel, H., Paraskevopoulos, A. MOMBE selective infill growth of InP:Si and InGaAs:Si and large area MOMBE regrowth 103939
Schelhase, S. *see* Kuenzel, H. 103954
Schell, J. *see* Krishnan, S. 105673
Schell, J.P. *see* Berger, V. 85083
Schell, M., Bimberg, D., Kamiya, T. On the locking range of hybridly mode-locked semiconductor lasers 85534
Schell, M., Tsuchiya, M., Kamiya, T. Chirp and stability of mode-locked semiconductor lasers 76000
Schell, M. *see* Huhse, D. 116466
Schell, S. *see* Sholley, M. 88699
Schelle, D. *see* Bluethner, K. 95083
Schellekens, P.H.J. *see* Wetzels, S.F.C.L. 76319
Schellemans, G., Schreurs, D., Ketels, M., Nauwelaers, B., van de Capelle, A. Microwave design as a study method 60480
Schellemans, G. *see* Schreurs, D. 60479
Schellenberg, W., Reck, W. ROBIAS: A robust information and alarm system 101642
Scheller, F. *see* Kaisheva, A. 119747
Scheller, F.W. *see* Bier, F.F. 120271
Scheller, H. *see* Feldmann, K. 62490
Schellhorn, K. *see* Mampel, D. 82414
Schellhorn, M. Application of a high power CO laser in aluminum welding 107671
Schellhorn, M., Eichhorn, A. Spectroscopic comparison of aluminium welding plasmas produced by high power CO and CO$_2$ lasers 96857
Schellhorn, M., von Bulow, H. Multi-kW supersonic CO laser with high beam quality 116352
Schellin, R. *see* Klemberg-Sapieha, J.E. 113437
Schellinger, H. *see* Assmann, W. 103035
Schelter, W. *see* van den Berg, H.A.M. 115874
Schembra, G. *see* La Corte, A. 77667
Schembra, G. *see* La Corte, A. 78208
Schembra, G. *see* La Corte, A. 87351
Schement, J.R. *see* Mueller, M.L. 118289
Schemies, M. *see* Drescher, P. 105007
Schemies, M. *see* Hartmann, P. 120119
Schemmann, H. *see* Erbar, M. 104622
Schempp, A., Engels, O., Marhauser, F., Homeyer, H., Pelzer, W. A VE-RFQ-injector for a cyclotron 89704
Schempp, A., Vormann, H., Beisel, U., Deitinghoff, H., Engels, O., Li, D. The design of low frequency heavy ion RFQ resonators 89703
Schempp, A. *see* Bessler, U. 100748
Schempp, A. *see* Engels, O. 100746
Schempp, A. *see* Hofmann, I. 69647
Schempp, A. *see* Kleffner, C.-M. 89724
Schempp, A. *see* Madlung, J. 89702
Schempp, A. *see* Stiebing, K. 100749
Schempp, A. *see* Vormann, H. 100750
Scheneider-Muntau, H.J. *see* Bonito-Oliva, A. 95532
Schenfeld, E. *see* Feitelson, D.G. 64851
Schenfeld, E. *see* Kajita, M. 88555
Schenfeld, E. *see* Merchant, A. 93400
Schenk, Ch. *see* Gerlach, H. 112488
Schenk, G. *see* Hauser, T. 113597
Schenk, K. *see* Charpentier, J.P. 111508
Schenk, K. *see* Pan, F. 113283
Schenk, M. *see* Jonuscheit, J. 116700
Schenk, M. *see* Utke, I. 74352
Schenkat, L. *see* Henderson, T.C. 79023
Schenkl, M. *see* Wolke, K. 105610
Schennum, G.H., Rosati, G. Minimizing passive intermodulation product generation in high power satellites 88409
Schenone, A. *see* Firenze, F. 120403
Schenone, M. *see* Giribone, P. 102433
Schenzle, A. *see* Englert, B.-G. 85351
Schep, T.J. *see* Eecen, P.J. 96507
Schepers, G. *see* Brauksiepe, S. 100815
Schepers, G. *see* Peitzmann, T. 100814
Schepers, J.A.P., Vokurka, V.J. Multiple scattering tracking for motion compensated 3-D imaging applications 68647
Schepis, D. *see* Huang, W.-S. 105784
Schepler, K.L. *see* Fenimore, D.L. 107592
Schepmann, G.F. *see* Sims, R.D. 91843
Schepper, L.De *see* De Schepper, L.
Scheps, R. Upconversion laser pump processes in Er^{3+}:YAlO$_3$ 96195
Scherb, H. *see* Kolbig, K.S. 72419
Scherb, J. *see* Protzmann, H. 103889
Scherb, J. *see* Spalthoff, U. 96071
Scherb, J. *see* Weber, J. 92783
Scherbakov, I.B. *see* Evtikhiev, N.N. 77278
Scherber, F., Barke, E., Meier, W. PALACE: A parallel and hierarchical layout analyzer and circuit extractor 74788
Scherer, A. *see* Fang Xu 116750
Scherer, K., Nouvelot, L., Lacan, P., Bosmans, R. Optical and mechanical characterization of evaporated SiO$_2$ layers. Long-term evolution 106916
Scherer, R. *see* Reichelt, D. 121193
Scherer, V. *see* Brandauer, M. 91371
Scherer, W. *see* Klyscz, T. 80174
Scherf, U. *see* Cimrova, V. 96007
Scherg, T. *see* Strzoda, R. 62755
Scherge, M. *see* Gatzen, H.H. 115763
Scherge, M. *see* Sui, X. 106570
Scherman, C.J., Delport, G.J., Pretorius, J. Investigation into the feasibility of implementing a 132-kV network in the eastern suburbs of Pretoria 102094
Schermer, J.J., de Theije, F.K., Giling, L.J. Mosaic growth of diamond: a study of homoepitaxial flame deposition and etching of {001}-oriented diamond layers 113303
Schermer, J.J. *see* Meykens, K. 92741
Scherr, H. *see* Horst, D. 100127
Scherrer, B., Lefebvre, M. Simultaneous measurement of temperature and velocity by D.R.A.S.C 79758
Scherrer, D.P., Knittel, J., Moix, D.B., Baumgartner, M., Kneubuehl, F.K. Recent aspects of ultra short pulse mid- and far-infrared gas lasers and their applications 107121
Scherrer, D.P. *see* Baumgartner, M.O. 65468
Scherrer, D.R. *see* Feng, M. 63788
Scherrer, H. *see* Dauscher, A. 113429
Scherschel, M. *see* Gusten, R. 68806
Scherson, D. *see* Tryk, D.A. 71674
Scherson, D.A. What do batteries run on? X-rays as electronic and structural probes of operating electrodes in battery environments 121836
Schertzer, D. *see* Falco, T. 90826
Schertzer, D. *see* Martinez, P. 111100
Schervish, M. *see* Suraj Rao 115316
Scherzer, O. A convergence analysis of a method of steepest descent and a two-step algorithm for nonlinear ill-posed problems 82460
Schetky, L.McD. Miscellaneous applications of intermetallic compounds 113531
Schettler, F. *see* Bergmann, K. 91087
Schettler, F. *see* Boshoff, S. 70825
Schetzina, J.F. *see* Boney, C. 85508
Schetzina, J.F. *see* Johnson, M.A.I. 72778
Schetzina, J.F. *see* Johnson, M.A.L. 72776
Schetzina, J.F. *see* Johnson, M.A.L. 82694
Scheuer, F. *see* Stein, J. 100922
Scheuer, G., Stemmler, H. Analysis of a 3 level-VSI neutral-point-control for fundamental frequency modulated SVC-applications 70776
Scheumann, B. *see* Mucke, R. 70518
Scheumann, B. *see* Popov, A. 65184
Scheunders, P. A genetic Lloyd-Max image quantization algorithm 67035
Scheunders, P. Genetic optimal quantization of gray-level and color images 86810
Schewe, G. Imitation as a strategic option for external acquisition of technology 103371
Schewe, J.E. *see* Voytas, P.A. 90104
Schey, P.W. *see* Bachman, R.T. 70506
Schezovanov, L.N. *see* Antonova, G.S. 88525
Schiabel, H. *see* Marques, M.A. 101142
Schiabel, H. *see* Pereira, A.S. 101140
Schiano, M. *see* Ives, D.J. 64682
Schiavon, G. *see* Amodeo, G. 111327
Schiavon, P. *see* Barbiellini, G. 69722
Schiavone, G.A. *see* Kim, S. 117807
Schiavone, G.A. *see* Sung-Soo Kim 108729
Schiavone, P. *see* Bergossi, O. 94869
Schiavoni, A. *see* Cooper, J. 110958
Schiavulli, L. *see* Augelli, V. 62760
Schiavulli, L. *see* Cicala, G. 72883
Schibli, N. *see* Rufer, A.-C. 122054
Schichi, M.B.M. *see* Vichrov, N.M. 92348
Schickfus, M.von *see* von Schickfus, M.
Schieber, M., Lund, J.C., Olsen, R.W., McGregor, D.S., Van Scyoc, J.M., James, R.B., Soria, E., Bauser, E. Material properties and room-temperature nuclear detector response of wide bandgap semiconductors 110578

Schieber, M. *see* McGregor, D.S. 80153
Schieber, M. *see* McGregor, D.S. 92663
Schieck, D., Brown, F. On-line analysis of volatile organics in water using head space gas chromatography: evaluation of five head space techniques 90838
Schieck, H.Paetz gen. *see* Paetz gen. Schieck, H.
Schieder, R. *see* Bischoff, U. 68811
Schiefer, P. Differential Hall sensor TLE 4921-3 U: improving EMC without compromising precision 88996
Schiefer, P. *see* Kosters, S. 93128
Schieffert, T., Hutterer, G. Maximizing the return path in HFC plant: How OFDM makes effective use of upstream bandwidth 119451
Schiek, B. *see* Heuermann, H. 100296
Schiek, B. *see* Krekels, H.-G. 100297
Schiek, B. *see* Stolle, R. 100302
Schiek, R., Baek, Y., Krijnen, G., Stegeman, G.I., Baumann, I., Sohler, W. All-optical switching in lithium niobate directional couplers with cascaded nonlinearity 95730
Schiekofer, T. *see* Hiptmair, R. 82565
Schiel, L. *see* Koehler, R. 102807
Schiele, B., Crowley, J.L. Object recognition using multidimensional receptive field histograms 67269
Schielieu, D. *see* Jastrzebski, L. 112347
Schieman, E. *see* Jones, T. 118613
Schienle, M., Wenger, G., Eichinger, S., Muller, J., Stoll, L., Muller, G. A 1×8 InP/InGaAsP optical matrix switch with low insertion loss and high crosstalk suppression 68472
Schienle, M. *see* Wenger, G. 119194
Schiepers, C. *see* Nuyts, J. 90313
Schier, M. *see* Schimpe, R. 78656
Schiess, M., Berglind, E., Karlsson, A., Thylen, L. Pulse shape evolution and noise estimates in concatenated fiber links using analog optoelectronical repeaters 88536
Schiesser, T., Menard, E., Smith, T., Akin, J. Microdynamic solder pump vs alternatives: Comparative review of solder bumping techniques for flip chip attach 94123
Schiessl, U. *see* Lambrecht, A. 69246
Schietinger, C. Wafer temperature measurement in RTP 84053
Schietinger, C. Wafer emissivity in RTP 84054
Schiff, E.A., Street, R.A., Weisfield, R.L. Reverse bias currents in amorphous silicon nip sensors 99950
Schiff, E.A. *see* Crandall, R.S. 112344
Schiff, E.A. *see* Crandall, R.S. 112373
Schiff, E.A. *see* Luft, W. 112343
Schiff, H.I., Mackay, G.I., Nadler, S.D. Some applications of NIR tunable diodes for remote sensing 70519
Schiff, H.I., Nadler, S.D., Robbins, J., Mackay, G.I. Pollution 70533
Schiffer, A. *see* Antweiler, C. 66844
Schiffer, S. Data communication with frame relay 118378
Schiffner, G. *see* Jakob, G. 107112
Schiffrin, D.J. *see* Luff, B.J. 69329
Schiffrin, D.J. *see* Wilson, R. 79583
Schift, H. *see* Bauer, H.-D. 106801
Schikora, D., Widmer, T., Lischka, K., Schaefer, P., Machel, G., Luther, S., von Ortenberg, M. Molecular-beam epitaxy of mercury-iron selenide layers and quantum wells 72789
Schikora, D., Widmer, Th., Prott, C., Lischka, K., Machel, G., Schafer, P., Luther, S., Von Ortenberg, M. Growth and properties of HgSe:Fe quantum wells and superlattices 61233
Schikora, D. *see* Widmer, T. 61186
Schild, D., Gennerich, A., Schultens, H.A. Microcontrollers as inexpensive pulse generators and parallel processors in electrophysiological experiments 101370
Schild, H.G. *see* Waldman, D.A. 96830
Schild, R. *see* Wolke, K. 105610
Schild, T. *see* Slusarczyk, R. 61701
Schilders, L. *see* Laugier, A. 109987
Schildt, G.H. *see* Leeb, G. 108911
Schildwaechter, L. *see* Dix, W.R. 70096
Schill, A., Kummel, S. Infrastructure support for cooperative mobile environments 87667
Schill, A., Kummel, S., Ziegert, T. Mobility aware multimedia X.400 e-mail: a sample application based on a support platform for distributed mobile computing 77914
Schill, A. *see* Hess, R. 78181
Schill, A. *see* Hess, R. 118528
Schill, A. *see* Kuhn, S. 108852
Schill, A. *see* Kummel, S. 118343
Schill, A. *see* Kummel, S. 118910
Schill, R.A., Jr. A novel incoherent X-ray source using the inverse Compton scattering mechanism in a linear accelerator 69891
Schillemans, R.A.A., Kluiters, E.C. Sodium-sulphur batteries for naval applications 112564
Schiller, A. *see* Doring, M. 81305
Schiller, A. *see* Engel, R. 110522
Schiller, C. *see* Fransen, M.J. 73966
Schiller, F. *see* Lunze, J. 72316
Schiller, G. Breakdown behaviour of XLPE model cables under impulsive voltages 70926
Schiller, J. *see* Braun, T. 118186
Schiller, J. *see* Rosenbach, K. 109735
Schiller, J.H. A flexible co-processor for high-performance communication support 77842
Schiller, P.J., Zurn, S.M., Polla, D.L. Electrical characteristics of sealed field emission diodes using sharp vertical edge structures 74050
Schiller, R. Normalization by optimization [object recognition] 67270
Schiller, S., Breitenbach, G., Paschotta, R., Mlynek, J. Subharmonic-pumped continuous-wave parametric oscillator 76149
Schiller, S., Luvall, J. Evaluation of the aerosol scattering phase function from PGAMS observation of sky path radiance 120725
Schiller, S. *see* Bruckmeier, R. 116671
Schiller, S. *see* Schneider, K. 107613
Schillewaert, N. *see* Belpaire, A. 118631
Schillhammer, B. Rapid multi-layer PCB prototyping 62452
Schillig, J.B. *see* Campbell, L.J. 96970
Schilling, B.W., Poon, T.-C. Real-time preprocessing of holographic information 85753
Schilling, D.L. *see* Alavi, R. 66258
Schilling, D.L. *see* Alavi, R. 117132
Schilling, E. *see* Hartmann, P. 120119
Schilling, J.S. *see* Gangopadhyay, A.K. 106665
Schilling, M., Bouayad-Amine, J., Feeser, T., Haisch, H., Kuhn, E., Lach, E., Satzke, K., Weber, J., Zielinski, E. Monolithic mode locked DBR laser with multiple-bandgap MQW structure realized by selective area growth 96425
Schilling, M., Idler, W., Laube, G., Daub, K., Dotting, K., Lach, E., Baums, D., Wunstel, K. 10 Gbit/s monolithic MQW-based wavelength converter in Michelson interferometer configuration 78777
Schilling, M., Wiedemann, P., Daub, K., Idler, W., Klenk, M., Koerner, U., Lach, E., Laube, G., Wunstel, K. Polarization insensitive interferometric wavelength converter with tensile strained InGaAs/InGaAsP MQW structure 99599
Schilling, M. *see* Baums, D. 109312
Schilling, M. *see* Idler, W. 96706
Schilling, M. *see* Joergensen, C. 99458
Schilling, M. *see* Jourdan, A. 88603
Schilling, M. *see* Lach, E. 107231
Schilling, M. *see* Lewalter, A. 106699
Schilling, M. *see* Masetti, F. 78317
Schilling, M. *see* Scharnweber, R. 99957
Schilling, M. *see* Weber, E. 102001
Schilling, M.T. *see* Mello, J.C.O. 102025
Schilling, O. *see* Forchel, A. 114732
Schilling, S. *see* Szymanski, J.J. 110589
Schilling, W. *see* Burges, U. 114996
Schilling, W. *see* Pollak, R. 114997
Schilp, A. *see* Funk, K. 63981
Schilpp, M., Netter, A., Rupprecht, W., Bogenfeld, E. Multilevel codes for digital HDTV 119441
Schiltz, A. *see* Vinet, F. 105761
Schilz, J. *see* Helmers, L. 62788
Schilz, J. *see* Helmers, L. 113277
Schimanski, A. Application experiences with Fieldbus instruments 109986
Schimanski, J. Protection by divertors 70990
Schimeisen, A. *see* Rudiger, U. 75190
Schimek, G.L., Pennington, W.T., Wood, P.T., Kolis, J.W. Supercritical ammonia synthesis and characterization of four new alkali metal silver antimony sulfides: MAg$_2$Sb$_4$, and M$_2$AgSbS$_4$ (M=K, Rb) 74313
Schimek, M.G., Stettner, H., Haberl, J. An iterative projection method for nonparametric additive regression modelling 103550
Schimelevich, L., Naor, R. New approach to coarse alignment 70397
Schimert, T.R., Barnes, S.L., Brouns, A.J., Case, F.C., Mitra, P., Claiborne, L.T. Enhanced quantum well infrared photodetector with novel multiple quantum well grating structure 69148
Schimke, W. *see* Bellaire, G. 67342
Schimmel, D.E. *see* Garg, V. 73907
Schimmel, D.E. *see* Gaughan, P.T. 87433
Schimnosky, C. Cooler upgrade at Kaiser Cement Permanente Plant utilizing neoteric technology 82041
Schimpe, R., Cremer, C., Hoffmann, L., Romer, D., Schier, M., Baumeister, G., Ebbinghaus, G., Kristen, G., Morvan, M. InP-based 2.5 Gbit/s optically preamplified WDM receiver 78656
Schimpf, K., Hollfelder, M., Horstmann, M., Marso, M., Hardtdegen, H., Kordos, P. 0.2 μm T-gate InP/InGaAs/InP pHEMT with an InGaP diffusion barrier layer grown by LP-MOCVD using an N$_2$-carrier 104836
Schimpf, K. *see* Horstmann, M. 89103
Schimpf, K. *see* Horstmann, M. 96068
Schimpf, K. *see* Horstmann, M. 100034
Schimpf, K. *see* Horstmann, M. 100045
Schimpf, M. Rechargeable zinc air batteries market and technology overview 71628
Schinagl, R.M., Ting, M.K., Price, J.H., Sah, R.I. Video microscopy to quantitate the inhomogeneous equilibrium strain within articular cartilage during confined compression 120383
Schindel, D.W., Hutchins, D.A., Grandia, W.A. Capacitive and piezoelectric air-coupled transducers for resonant ultrasonic inspection 104245
Schindel, D.W. *see* Bashford, A.G. 101599
Schindel, D.W. *see* Hutchins, D.A. 111385
Schindelin, C. *see* Litz, T. 64913
Schindhelm, T. *see* Thewes, R. 113783
Schindl, K. *see* Blas, F. 79935
Schindler, J.J., Axon, R.T., Timsit, R.S. Mechanical and electrical contact properties of wedge-connectors 104924
Schindler, K.-P. *see* Hentschel, W. 89562
Schindler, R. NEMA standards for overload protection need closer look 102623
Schipanski, D. *see* Baumann, U. 105264
Schipanski, D. *see* Forster, H. 94940
Schipanski, D. *see* Schwierz, F. 115231
Schiper, A. *see* Guerraoui, R. 87426
Schiper, A. *see* Guerraoui, R. 98669
Schipman, K., Morrison, R.E. Open- and closed loop control techniques for distortion compensation by means of active filters 102836
Schippel, S. *see* Zentgraf, A. 94671
Schipper, L.J. *see* Golove, W.H. 91977
Schiraldi, G. *see* Camarda, P. 119076
Schirber, J.E., Hansen, L., Morosin, B., Fischer, J.E., Jorgensen, J.D., Kwei, G.H. Effect of pressure on the superconducting primitive cubic and polymeric phases of Na$_2$CsC$_{60}$ 75320
Schirinzi, G. *see* Cappuccino, G. 109744
Schirinzi, G. *see* Cappuccino, G. 119307
Schirinzi, G. *see* Isernia, T. 66973
Schirinzi, G. *see* Isernia, T. 109698
Schirinzi, G. *see* Isernia, T. 120719
Schirle, N., Lieu, D.F. History and trends in the development of motorized spindles for hard disk drives 71764
Schirm, K.M. *see* Chiaveri, E. 100417
Schirm, N. *see* Albers, D. 69756
Schirm, N. *see* Ban, J. 69810
Schirmann, E. *see* Martinez, M.J. 83374
Schirmeisen, A. *see* Fumagalli, P. 75072
Schirmeisen, A. *see* Rudiger, U. 84816
Schirmer, D., von Hartrott, M., Khan, S., Kramer, D., Weihreter, E. Beam transport lines at BESSY-II 100709
Schirmer, D. *see* Jaeschke, E. 100450
Schirmer, J., Kirste, T. ACTIVEM^3–an authoring system for active multimedia mail 87894
Schirmer, R.W. *see* Lanzerotti, M.Y. 96722
Schirmer, R.W. *see* Lanzerotti, M.Y. 116672
Schirrmacher, A. *see* Glas, P. 65093
Schittenhelm, P. *see* Nutzel, J.F. 113330
Schizas, C.N. *see* Schnorrenberg, F. 120356
Schlaak, W., Passenberg, W., Schramm, C., Mekonnen, G.G., Umbach, A., Ebert, W., Bach, H.-G. GaInAs/AlInAs-HEMTs grown on optical waveguide layers for photonic integrated circuits 96070
Schlaak, W. *see* Arps, M. 106058
Schlaak, W. *see* Schramm, C. 78655
Schlabbach, J. Valuation of voltage quality for the connection of medium-frequency converter at 10 kV 91244
Schlabbach, J., Benker, M. Network training simulation for medium-voltage networks with earth fault compensation 120957
Schlabbach, J. *see* Blume, D. 102329
Schlabbach, J. *see* Metz, D. 101768
Schlaberg, H.I., Yang, M., Hoyle, B.S. Real-time ultrasonic process tomography for two-component flows 100401
Schlacher, K. *see* Irschik, H. 106390
Schlacher, K. *see* Kugi, A. 93067
Schlachetzki, A. *see* Iber, H. 83849
Schlachetzki, A. *see* Schneider, D. 74132
Schlachetzki, A. *see* Shaobai Mo 105136
Schlachetzki, A. *see* Wehmann, H.-H. 89104
Schlachetzki, A. *see* Wehmann, H.-H. 100044
Schlachetzki, A. *see* Wehmann, H.-H. 110150
Schladt, M. *see* Nogly, D. 60852
Schlafhorst, H. *see* Abel, L. 79238
Schlag, M., Ferguson, F.J. Detection of multiple faults in two-dimensional ILAs 83047
Schlag, M.D.F. *see* Chan, P.K. 73262
Schlager, C. *see* Zivojnovic, V. 93449
Schlager, I.B., Mechels, S.E., Franzen, D.L. Precise laser-based measurements of zero-dispersion wavelength in single-mode fibers 85015
Schlager, J.B. *see* Mechels, S.E. 64661
Schlager, W. In-situ measurement of electrode work function in high pressure lamps 112598
Schlagheck, H. *see* Peitzmann, T. 100814
Schlangen, M.J. *see* Winter, E.M. 108555
Schlapbach, L., Meli, F., Zuettel, A. The surface of intermetallic hydride electrodes 71650
Schlapp, W. *see* Burkhard, H. 96242
Schlapp, W. *see* Hillmer, H. 96343
Schlapp, W. *see* Hillmer, H. 103905
Schlapp, W. *see* Meisels, R. 105249
Schlapp, W. *see* Steinhagen, F. 107283
Schlatmann, A.R., Floet, D.W., Hilberer, A., Garten, F., Smulders, P.J.M., Klapwijk, T.M., Hadziioannou, G. Indium contamination from the indium-tin-oxide electrode in polymer light-emitting diodes 107008
Schlatmann, A.R. *see* Garten, F. 75752
Schlatmann, A.R. *see* Nishiyama, A. 61209
Schlaug, G. *see* Siewert, B. 120339
Schlebusch, C., Kessler, B., Cramm, S., Eberhardt, W. Organic photoconductors and C$_{60}$ 64899
Schlechtweg, M., Haydl, W.H., Bangert, A., Braunstein, J., Tasker, P.J., Verweyen, L., Massler, H., Bronner, W., Hulsmann, A., Kohler, K. Coplanar millimeter-wave ICs for W-band applications using 0.15 μm pseudomorphic MODFETs 114321
Schlechtweg, M. *see* Bangert, A. 83495
Schlechtweg, M. *see* Bischof, W. 104884

Schlechtweg, M. *see* Demmler, M. 62294
Schlechtweg, M. *see* Demmler, M. 93846
Schlechtweg, M. *see* Diehl, R. 115116
Schlechtweg, M. *see* Tasker, P.J. 62290
Schleck, D. *see* Foster, K.R. 70300
Schleeh, T. *see* Richter, H. 112906
Schlegel, C., Roy, S., Alexander, P.D., Zeng-Jun Xiang Multiuser projection receivers 119020
Schlegel, C., Zengjun Xiang A new projection receiver for coded synchronous multi-user CDMA systems 67551
Schlegel, C. *see* Grant, A.J. 67555
Schlegel, C.B., Xiang, Z.-J., Roy, S. Projection receiver: a new efficient multi-user detector 88210
Schlegel, D. *see* Busse, D. 71230
Schlegel, D. *see* Busse, D. 71750
Schlegel, D.W. *see* Kerkman, R.J. 71328
Schlegel, D.W. *see* Kerkman, R.J. 71804
Schlegel, K. Coherent backscatter from ionospheric E-region plasma irregularities 80626
Schlegel, K. *see* Haldoupis, C. 116916
Schlegel, W. *see* Waschek, T. 120487
Schleicher, L. *see* Presia, M. 61424
Schleicher, L. *see* Siweris, H.J. 114309
Schleicher, R.W. *see* Wong, C.P.C. 71149
Schleinitz, H.M. *see* Davis, H.A. 119971
Schleinkofer, G. *see* Darweschsad, M. 95517
Schleisiger, C.D. *see* Wieting, T.J. 79676
Schlemm, A. *see* Papp, A. 60585
Schlemm, A. *see* Papp, A. 113043
Schlender, F. *see* Beilstein, M. 118311
Schlenga, K. *see* Veith, M. 115884
Schlenzig, J. *see* Katkere, A. 77970
Schleppe, J.B. *see* Yang Gao 68759
Schlereth, J.L. *see* Dawson, J.W. 100957
Schlereth, K.-H. III-V semiconductor lasers: application in telecommunication systems–suitability for spectroscopy 65186
Schlesiger, C. *see* Levush, B. 105079
Schlesinger, T.E. *see* Chiu, Y. 116080
Schlesinger, T.E. *see* Jun Li 95825
Schlesinger, T.E. *see* McGregor, D.S. 80153
Schlesinger, T.E. *see* McGregor, D.S. 92663
Schlesinger, T.E. *see* Tan, S. 95752
Schlesinger, T.E. *see* Yi Chiu 95751
Schlesser, J.E. *see* Cinar, A. 88938
Schleupen, K., Baeuerle, R., Lueder, E., Kallfass, T., Dobler, M. An integrated 4-bit gray-scale column driver for TV AMLCDs 83096
Schleupen, K. *see* Straub, D. 84387
Schley, P. *see* Heinemann, B. 84332
Schley, P. *see* Knoll, D. 84333
Schlez, W., Infield, D.G. Meteorological and topological factors influencing the power quality of wind turbine electricity generation from wind farms in complex terrain 91417
Schlezinger, C. *see* Levush, B. 62636
Schlicht, K. *see* Toukhy, M. 105813
Schlicht, M. Modelling of logic functions in VHDL 93248
Schlichter, C. *see* Bokhoven, J.D. 103373
Schlichter, J.H. *see* Borghoff, U.M. 87840
Schlichthaerle, P. *see* Wunstorf, R. 110550
Schlichting, S. Advanced surge test methods for electrical machine windings for quality control, repair and preventative maintenance 81407
Schlick, U. *see* Burghard, M. 74503
Schlickenmaier, H. Overview of NASA airspace-related research and technology 120612
Schlie, L.A. Ultrafast laser-semiconductor interactions 106759
Schlie, L.A. Overview of repetitively pulsed, photolytic iodine lasers 116310
Schlie, L.A. *see* Howells, S.C. 83854
Schliebe, T. *see* Schmahl, G. 120238
Schliep, F. *see* Garus, D. 110191
Schlig, E.S., Sanford, J.L. New circuits for AMLCD data line drivers 89261
Schlitt, B. *see* Steck, M. 120074
Schlitt, B. *see* Winkler, T. 79836
Schloder, J.P. *see* Phu, H.X. 81345
Schlogel, D. *see* Zhang, J. 96102
Schlogl, A. *see* Marx, M. 121570
Schlogl, D. *see* Zeitoun, Ph. 75781
Schlom, D.G. *see* Lacey, J.L. 72850
Schlom, D.G. *see* Madhavan, S. 72851
Schlor, R. *see* Feyerabend, K. 113828
Schlorb, H. *see* Bungs, M. 112234
Schloss, A.L., Vorosmarty, C.J., Willmott, C.J., Choudhury, B.J. Analyzing the discharge regime of a large tropical river through remote sensing, ground-based climatic data, and modeling 111275
Schloss, L. *see* Chan, J.S. 63238
Schlosser, C. *see* Cribier, M. 110538
Schlosser, D. *see* Muszynski, R. 97994
Schlosser, K. *see* Moser, H.O. 79772
Schlosser, M. *see* Zeidler, J. 113090
Schlossmacher, P. *see* Quandt, E. 82782
Schlote, J. *see* Knoll, D. 84333
Schlotjunker, S. *see* Bossert, P. 80848
Schlott, M. *see* Zahn, R. 68653
Schlott, V., Loos, H., Genz, H., Graf, H.-D., Hahn, R., Richter, A., Thomas, M., Wesp, T., Wiencken, M. Electron bunch length measurements at the S-DALINAC FEL facility 79831
Schlott, V. *see* Renz, G. 96548
Schlotterbeck, G. *see* Oberacker, T.A. 116243
Schlueter, J. *see* Shi-Qing Wang 82742
Schlueter, J. *see* Shi-Qing Wang 84218
Schlueter, N., Markus, T. Cloud masking with satellite infrared images over polar oceans 120796
Schlueter, R. *see* Caspi, S. 100454
Schlueter, R. *see* Hoyer, E. 100455
Schlueter, R. *see* Humphries, D. 100456
Schlueter, R. *see* Marks, S. 100441
Schlueter, R. *see* Tatchyn, R. 96526
Schlueter, R.D., Marks, S. Three-dimensional pure permanent magnet undulator design theory 95381
Schlueter, R.D., Marks, S., Loper, C., Halbach, K. Temperature compensation in hybrid magnets with application to the Fermilab stacker and recycler ring dipole design 90062
Schlueter, R.D. *see* Swan, J.M. 90057
Schlueter, R.D. *see* Yamamoto, R.M. 90187
Schlund, B., Messick, C., Suehle, J., Chaparala, P. A new physics-based model for time-dependent-dielectric-breakdown 63178
Schlund, B., Messick, C., Suehle, J.S., Chaparala, P. A new physics-based model for time-dependent-dielectric-breakdown 94631
Schlund, B.J., Suehle, J., Messick, C., Chaparala, P. A new physics-based model for time-dependent dielectric breakdown 115407
Schluns, K., Teschner, M. Analysis of 2D color spaces for highlight elimination in 3D shape reconstruction 86885
Schluns, K. *see* Bellaire, G. 67342
Schlusche, C. *see* Howorka, K. 110873
Schlussler, J.-U., Werner, J., Dohndorf, J., Koren, I., Ramacher, U., Chang-Han Yi, Klar, H. Current mode implementation of a neural algorithm for image preprocessing 62115
Schluter, F. *see* Castiglioni, G. 91699
Schluter, R. *see* Nuhn, H.-D. 76057
Schluter, R.L., Pearsall, K.J., Burns, R.W. A straddle mount connector system attach process 114381
Schmahl, G., Rudolph, D., Schneider, G., Thieme, J., Schliebe, T., Kaulich, B., Hettwer, M. Diffraction optics for X-ray imaging 120238
Schmalz, K. *see* Yassievich, I.N. 62965
Schmalz, M.S. On the processing of compressed imagery. 1. Basic theory with visual pattern image coding (VPIC) and block truncation coding (BTC) transformations 117710
Schmalz, M.S. On the processing of compressed imagery. 2. Compressive operations with VPIC-, BTC-, VQ-, and JPEG-compressed imagery 117711
Schmalz, M.S. On the processing of compressed imagery. 3. Multi-target image processing with VPIC-, BTC-, VQ-, and JPEG-compressed imagery 117715
Schmand, M. *see* Watson, C.C. 90430
Schmandt, C. *see* Marx, M. 66563
Schmatz, M. Sub-milliwatt DC power double balanced down mixer and subharmonic phase detector for L-band applications 68093
Schmatz, M.L. *see* Baumberger, W. 83426
Schmedding, R. *see* Bhandal, A. 99113
Schmegner, K.-E. *see* Guttich, U. 83445
Schmegner, K.-E. *see* Guttich, U. 83465
Schmegner, K.E., Guhl, R. A monolithic integrated S-band frequency discriminator 83542
Schmehl, R. *see* Nebeker, B.M. 112989
Schmehl, T.G. *see* King, R.L. 92093
Schmeider, J. *see* Wang, Z.-G. 119130
Schmeidler, D. *see* Gilboa, I. 92416
Schmeing, H. *see* Andrews, H.R. 70319
Schmeiser, C. *see* Degond, P. 105864
Schmeisser, D. *see* Zhou, R. 119781
Schmeits, M. Electrical conduction in semiconductor junctions with interface dipole layers 94464
Schmeller, A., Govorov, A., Hansen, W., Kotthaus, J.P., Klein, W., Bohm, G., Trankle, G., Weimann, G. Excitons in controlled potential landscapes 62920
Schmeller, A. *see* Karrai, K. 100028
Schmenk, E.G., Kelly, K.W., Saile, V., Bluem, H.P. Analysis and redesign of RF filter bar to relieve thermal stresses 89919
Schmerek, D. *see* Hansen, W. 83936
Schmerr, L.W. *see* Lerch, T.P. 90862
Schmeusser, S., Hubert, A., Rupp, G. Ion beam sputtering of magnetoresistive multilayers: Co/Cu and Co-modified $Ni_{81}Fe_{19}$/Cu systems 115646
Schmickler, H. *see* Bailey, R. 79964
Schmickler, H. *see* Collier, P. 79963
Schmickler, H. *see* Collier, P. 79966
Schmickler, H. *see* Faugier, A. 79947
Schmickler, H. *see* Faugier, A. 79948
Schmid, A. *see* Manns, F. 101413
Schmid, A. *see* Walchli, U. 89559
Schmid, A.W. *see* Lukishova, S.G. 116593
Schmid, A.W. *see* Papernov, S. 107462
Schmid, C., Mohr, R. Combining greyvalue invariants with local constraints for object recognition 86467
Schmid, D., Ruckh, M., Schock, H.W. A comprehensive characterization of the interfaces in Mo/CIS/CdS/ZnO solar cell structures 103010
Schmid, D. *see* Lehmann, A. 108938
Schmid, D. *see* Menezes, S. 103012
Schmid, D. *see* Ruckh, M. 94454
Schmid, F., Trede, M. Testing for first order stochastic dominance in either direction 72465
Schmid, F. *see* Khattak, C.P. 105527
Schmid, G., Bernhard, N., Schubert, M.B. Transient forward bias switching behaviour of amorphous pin diodes 94890
Schmid, G.B., Duenki, R.M. Indications of nonlinearity, intraindividual specificity and stability of human EEG: the unfolding dimension 90509
Schmid, G.F., Petrig, B.L., Riva, C.E., Shin, K.H., Stone, R.A., Mendel, M.J., Laties, A.M. Measurement by laser Doppler interferometry of intraocular distances in humans and chicks with a precision of better than ±20 μm 101080
Schmid, G.J., Chasteler, R.M., Laymon, C.M., Weller, H.R., Moore, E.F., Bybee, C.R., Drake, J.M., Tilley, D.R., Vavrina, G., Wallace, P.M. Correction factors for γ-ray relative intensities in the ^{66}Ga radioisotope 120215
Schmid, H. *see* Sorli, I. 104955
Schmid, H. *see* Ye, Z.-G. 106363
Schmid, J. *see* Bauknecht, R. 99597
Schmid, M. Design and analysis of a compact high-efficiency PWM converter for a hybrid vehicle 91908
Schmid, M. *see* Aagedal, H. 85571
Schmid, M. *see* Haase, D. 114634
Schmid, M. *see* Wirthl, E. 74579
Schmid, P.E. *see* Maurer, U.M. 108104
Schmid, P.G. *see* Yan, J. 82741
Schmid, R. *see* Brunner, M. 89436
Schmid, R. *see* Fehrenbach, T. 92284
Schmid, S.R. Recent developments in optical fiber coating materials 75464
Schmid, T. *see* Chen, J.W. 114803
Schmid, T. *see* Geppert, R. 120141
Schmid, T. *see* Irsigler, R. 120139
Schmid, T. *see* Meier, K. 120546
Schmid, T. *see* Rogalla, M. 120146
Schmid, V., Sands, N.P. Hardware emulation of multi-level decision feedback equalization 115810
Schmid, W., Jung, C., Weigi, B., Reiner, G., Michalzik, R., Ebeling, K.J. Delayed self-heterodyne linewidth measurement of VCSELs 107309
Schmid, W. *see* Flak, T. 72466
Schmid, W. *see* Ultsch, A. 111222
Schmidbauer, A. *see* Hoeher, P. 88800
Schmidbaur, H. *see* Kunstmann, T. 104041
Schmidberger, R. *see* Behrens, V. 62426
Schmideg, I. *see* Sallai, G. 98539
Schmider, K. *see* Fehrenbach, T. 92284
Schmidhuber, J., Eldracher, M., Foltin, B. Semilinear predictability minimization produces well-known feature detectors 66943
Schmidl, F. *see* Seidel, P. 95484
Schmidl, W.D. *see* Hassan, Y.A. 89571
Schmidlapp, F.A. *see* Ruiz, C.L. 69643
Schmidlapp, F.A. *see* Ruiz, C.L. 69644
Schmidlapp, F.A. *see* Ruiz, C.L. 110490
Schmidlin, D.J. Realization of irrational transfer functions 83236
Schmidlin, F., Bissell, P.R., Gotaas, J.A. Measurement of texture in magnetic recording media using a biaxial vibrating sample magnetometer 64447
Schmidlin, F. *see* McConochie, S.R. 106562
Schmidmaier, R. *see* Haas, M. 109868
Schmidt, A. Video disk recorder and its applications 109955
Schmidt, A. *see* Bayer, M. 62871
Schmidt, B. *see* Chaddha, N. 118211
Schmidt, B. *see* Eremin, V.K. 105095
Schmidt, B. *see* Freygang, M. 63985
Schmidt, B. *see* Lange, K. 63204
Schmidt, B. *see* von Borany, J. 110580
Schmidt, B.G. *see* Myers, E.G. 69704
Schmidt, B.K., Northcutt, J.D., Lam, M.S. A method and apparatus for measuring media synchronization 118596
Schmidt, C. *see* Darweschsad, M. 95517
Schmidt, C. *see* Heller, R. 91186
Schmidt, C. *see* Johnstone, C. 79799
Schmidt, C. *see* Krempasky, L. 64579
Schmidt, C. *see* Krempasky, L. 100439
Schmidt, C.L. *see* Merritt, D.R. 112189
Schmidt, C.W. *see* Popovic, M. 89595
Schmidt, D.C., Suda, T. Measuring the impact of alternative parallel process architectures on communication subsystem performance 118090
Schmidt, D.C. *see* Gokhale, A. 118416
Schmidt, D.J. Cooperative strategies in system monitoring of distributed systems 98789
Schmidt, E. Thin optical layers for micro-optics 61385
Schmidt, E. *see* Lee, A.P. 64004
Schmidt, E. *see* Martini, T. 63197
Schmidt, F., Marz, R. On the reference wave vector of paraxial Helmholtz equations 116975
Schmidt, F. *see* Braun, R.P. 88236
Schmidt, F. *see* Bruning, O. 120056
Schmidt, F. *see* McIntosh, E. 120060
Schmidt, G., Tuzinski, R., Heime, K. Selective growth of SiGe structures in the sub 100 nm range using low pressure vapor phase epitaxy 62789
Schmidt, G. *see* Maz'Ya, V. 60948
Schmidt, G. *see* Neira, J. 79714
Schmidt, G. *see* Reiser, M. 69648
Schmidt, H. On the radiation and loss characteristics of handheld-user systems using spherical scanning 68123
Schmidt, H., Bruckner, B., Fischer, K. Interfacial functional layer between the metallic bipolar plate and the ceramic electrodes in the high temperature solid oxide fuel cell 81835

Schmidt, H., Weihnacht, M., Wobst, R. A thin-film-on-silicon acoustooptical modulator with multi-mode behavior 106892
Schmidt, H. *see* Dempe, S. 113166
Schmidt, H.-G. *see* Veith, M. 115884
Schmidt, H.-L. *see* Lotzbeyer, T. 119749
Schmidt, H.-P., Speckhofer, G. Experimental and theoretical investigation of high-pressure arcs. I. The cylindrical arc column (two-dimensional modeling) 104991
Schmidt, H.K. *see* Fink, R.L. 89322
Schmidt, H.K. *see* Kumar, N. 89367
Schmidt, H.R. *see* Aggarwal, M.M. 69839
Schmidt, H.R. *see* Badura, E. 69804
Schmidt, H.R. *see* Badura, E. 120203
Schmidt, H.R. *see* Steinhaeuser, P. 69834
Schmidt, H.U. *see* Henschel, H. 75506
Schmidt, H.U. *see* Henschel, H. 75507
Schmidt, H.U. *see* Henschel, H. 106814
Schmidt, H.U. *see* Henschel, H. 106816
Schmidt, H.U. *see* Liscka, H. 107017
Schmidt, I., Molnar, T. The field-weakened operation of the converter-fed synchronous machine 91473
Schmidt, I. *see* Joeris, P. 82714
Schmidt, J. Infrared thermography and acoustic emission analysis study of the fracture process in short fibre composites 61470
Schmidt, J. *see* Thomassen, K. 64565
Schmidt, J. *see* Ustundag, A. 84711
Schmidt, J.A. Tokamak Physics Experiment (TPX) design 106710
Schmidt, J.C. *see* Oskam, G. 114560
Schmidt, J.C. *see* Oskam, G. 114908
Schmidt, J.J. *see* Prokscha, R. 119843
Schmidt, J.T., Biedenbach, G., Krispin, H.J. Laboratory measurement of the power dissipation characteristics of aeolian vibration dampers 121188
Schmidt, J.W. *see* Mulansky, B. 60929
Schmidt, K. *see* Rother, T. 65823
Schmidt, K. *see* Rother, T. 85833
Schmidt, K. *see* Schomann, S. 83980
Schmidt, K.-U. *see* Wahrburg, J. 80459
Schmidt, K.E. Simplified mutual impedance of nonplanar skew dipoles 108025
Schmidt, K.E. *see* Scheinfein, M.R. 64267
Schmidt, K.H., Geissel, H., Heinz, A., Muenzenberg, G., Suemmerer, K., Boeckstiegel, C., Brohm, T., Clerc, H.G., Hanelt, E., De Jong, M., Grewe, A., Junghans, A., Mueller, J., Steinhaeuser, S., Voss, B., Ignatyuk, A.V., Kudyaev, G., Pfuetzner, M., Andriamonje, S., Blank, B., Czajkowski, S., Pravikoff, M., Itkis, M.G., Zhdanov, S. Fission of radioactive ion beams 69627
Schmidt, K.H. *see* Boegner, M. 110625
Schmidt, L. *see* Stiebing, K. 100749
Schmidt, L.-P. *see* Boheim, M. 62305
Schmidt, L.D. *see* Chu, X. 81674
Schmidt, M. *see* Braunschweig, W. 120173
Schmidt, M. *see* Koynov, S. 92887
Schmidt, M. *see* Sieber, I. 94320
Schmidt, M.J.J. *see* Dyer, P.E. 92926
Schmidt, O. *see* Kirstaedter, N. 65202
Schmidt, O. *see* Ledentsov, N.N. 63081
Schmidt, O.G., Kirstaedter, N., Ledentsov, N.N., Mao, M.-H., Bimberg, D., Ustinov, V.M., Egorov, A.Y., Zhukov, A.E., Maximov, M.V., Kop'ev, P.S., Alferov, Z.I. Prevention of gain saturation by multi-layer quantum dot lasers 85517
Schmidt, O.G., Kirstaedter, T., Ledentsov, N.N., Bimberg, D., Ustinov, V.M., Egorov, A.Yu., Zhukov, A.E., Maximov, M.V., Kop'ev, P.S., Alferov, Zh.I. InAs/GaAs quantum dot lasers 107275
Schmidt, O.G. *see* Kirstaedter, N. 96397
Schmidt, P. *see* Allbritton, G.L. 80079
Schmidt, P. *see* Allbritton, G.L. 100826
Schmidt, P. *see* Rudolph, P. 61156
Schmidt, P. *see* Zarnikau, J. 71033
Schmidt, P.E. *see* Ortiz-Conde, A. 63578
Schmidt, P.V., Willmann, L., Abela, R., Bagaturia, J., Bertl, W., Braun, B., Folger, H., Jungmann, K., Mzavia, D., zu Putlitz, G., Renker, D., Sakhelashvilli, T., Zhang, L. An efficient position sensitive detector for 3-30 keV positrons and electrons 90179
Schmidt, R. *see* Assmann, R. 79970
Schmidt, R. *see* Bauer, S. 84193
Schmidt, R. *see* Brunner, O. 79953
Schmidt, R. *see* How, H. 73637
Schmidt, R. *see* Hua Zhao 111027
Schmidt, R. *see* Mauerhofer, E. 69885
Schmidt, R.A. *see* Wei Zhang 80212
Schmidt, R.J., Huber, M.A. Turbine classifiers for coal pulverizers 81197
Schmidt, R.L. *see* Puri, A. 87920
Schmidt, R.N. *see* Wood, R.A. 69304
Schmidt, S., Zech, G., Otto, W. Fast and precise computation of electrostatic fields with a charge simulation method using modern programming techniques 65644
Schmidt, S. *see* Cacharelis, P. 63917
Schmidt, S. *see* Gialanella, L. 100639
Schmidt, T., Geisler, A., Noelle, D., Ridder, M., Tammen, S. Optical aspects for lasing in the visible and UV with FELICITA I 96471
Schmidt, T., Teword, M., Haug, R.J., Von Klitzing, K., Forster, A., Luth, H. Single-electron-tunneling spectroscopy of asymmetric laterally confined double-barrier heterostructures 62952
Schmidt, T. *see* Bowron, J. 89237
Schmidt, T. *see* Burgard, W. 119875
Schmidt, T. *see* Geisler, A. 96562
Schmidt, T. *see* Schonhut, J. 63078
Schmidt, T. *see* Song, J.J. 96330
Schmidt, T. *see* Teggatz, R. 91617
Schmidt, T.A., Jones, S.C. Achieving constant load power utilizing a supply dependent pulse width modulated gate drive integrated circuit 82941
Schmidt, T.A., Jones, S.C. Achieving constant load power utilizing a supply dependent pulse width modulated gate drive integrated circuit 91777
Schmidt, V. *see* Kroese, D.P. 72439
Schmidt, W. The achievements of the European Interconnect Technology Initiative (EITI) 83586
Schmidt, W. *see* Bell, R.O. 103002
Schmidt, W. *see* Blonde, L. 79151
Schmidt, W. *see* Cimrova, V. 116274
Schmidt, W.F. *see* Chandran, B. 112892
Schmidt, W.F. *see* Koizumi, H. 64109
Schmidt, W.G., Kackell, P., Bechstedt, F. 3d core-level shifts at Se/GaAs(110) 94458
Schmidt Jensen, T. Application of intelligent networks in banking 98833
Schmidt-Boecking, H. *see* Stiebing, K. 100749
Schmidt-Iglesias, C. Triplet-level-crossing emission resonances in backward degenerate four-wave mixing 85685
Schmidt-Parzefall, W. *see* Hamacher, T. 69745
Schmidt-Parzefall, W. *see* Krizan, P. 69746
Schmidt-Parzefall, W. *see* Krizan, P. 100843
Schmidt-Ullrich, R. *see* Arnfield, M.R. 80528
Schmidtchen, J. *see* Schuppert, B. 116096
Schmidtz, P. *see* Scott, J. 69005
Schmiedel, H., Muller, M., Anufriev, A. Low-cost waveguide filters with printed-circuit inserts 83321
Schmiedel, H. *see* Schubert, M. 119916
Schmiedel, T. *see* Geerts, W. 94355
Schmiedel, T. *see* Jonker, B.T. 74336
Schmieder, R. *see* Beebe, E. 90094
Schmiederer-Vollmer, L. Porsche chooses the fast lane 108915
Schmiemann, K., Furlan, M. Energy information from superheated superconducting granule particle detectors 80015
Schmiemann, K. *see* Furlan, M. 90140
Schmiemann, K. *see* Furlan, M. 90175
Schmietainski, U., Doring, H. Availability of optical free-space paths 68481
Schminke, W. *see* Alex, J. 112077
Schmit, J., Creath, K. Window function influence on phase error in phase-shifting algorithms 117621
Schmitsdorf, R.F., Monch, W. Oxidation of silver-passivated Si(111): Ag-($\sqrt{3}\times\sqrt{3}$)R30° surfaces 84148
Schmitt, B. *see* Baladi, V. 92495
Schmitt, D.R. *see* Kratz, F. 79342
Schmitt, D.R. *see* Ringel, G. 79221
Schmitt, G., Bauer, J., Magurany, C.J., Hurely, C., Kliger, H. *(editors)* 41st International SAMPE Symposium and Exhibition. Vol.41. Materials and Process Challenges: Aging Systems, Affordability, Alternative Applications 71982
Schmitt, H.J. Trends in mobile communication 99342
Schmitt, H.J. *see* Mertens, K. 95776
Schmitt, H.J. *see* Opitz, B. 94558
Schmitt, H.W. *see* Eversheim, P.D. 69606
Schmitt, J.J. *see* Mallik, A. 74480
Schmitt, K. *see* Keller, M. 100969
Schmitt, L. *see* Lenk, R. 113039
Schmitt, M., McVey, B., Cooke, B., Busch, G. Comprehensive system model for CO_2 DIAL 109806
Schmitt, M. *see* Cooke, B. 109802
Schmitt, M.J. *see* MacKerrow, E.P. 109804
Schmitt, M.J. *see* Petrin, R.R. 110428
Schmitt, M.J. *see* Petrin, R.R. 111116
Schmitt, N.P. *see* Pfeiffer, A. 107168
Schmitt, R. *see* Brunner, M. 89436
Schmitt, R.J. *see* Goodwill, J.E. 82025
Schmitt, R.P. *see* Utsunomiya, H. 69766
Schmitt, U., Tonoli, A., Bornemann, H.J. Rotor dynamics of superconducting magnetic bearings 95620
Schmitt, W. *see* Hessel, G. 111744
Schmitt, W. *see* Lehmann, T.M. 108639
Schmitt, W. *see* Nen, C. 71777
Schmitt-Landsiedel, D. *see* Griep, S. 115324
Schmitt-Landsiedel, D. *see* Herbst, H. 115302
Schmitt-Landsiedel, D. *see* Thewes, R. 113783
Schmitt-Thomas, K.G., Schurig, J., Honinger, H. Evaluation of wettability and behaviour of the solder-flux-system 114437
Schmitt-Thomas, K.G. *see* Fritz, K. 114434
Schmitz, A.C., Ping, A.T., Asif Khan, M., Chen, Q., Yang, J.W., Adesida, I. Schottky barrier properties of various metals on n-type GaN 114805
Schmitz, A.C., Ping, A.T., Khan, M.A., Chen, Q., Yang, J.W., Adesida, I. High temperature characteristics of Pd Schottky contacts on n-type GaN 105451
Schmitz, A.C. *see* Ping, A.T. 74569
Schmitz, A.E. *see* Pusl, J.A. 83501
Schmitz, B.E., Stevenson, R.L. The enhancement of color image data captured using single chip CCD arrays 66987
Schmitz, B.E., Stevenson, R.L. Enhancement of sub-sampled chrominance image data 77539
Schmitz, C.D., Jenkins, W.K. Adaptive fault tolerance in two-dimensional systems 117877
Schmitz, D. Scaling of MOVPE processes between 1×2″ and 95×2″ wafers 61280
Schmitz, D., Woelk, E., Strauch, G., Beccard, R., Schulte, F., Juergensen, H. MOVPE production reactor technology for multiwafer SiC and GaN growth at very high temperatures 104073
Schmitz, D. *see* Beccard, R. 103892
Schmitz, D. *see* Dauelsberg, M. 104071
Schmitz, H.A. How to do an application case history 92097
Schmitz, J. *see* Fuchs, F. 74444
Schmitz, J. *see* Wagner, J. 62985
Schmitz, M., Herold, W., Holtkamp, N., Kriens, W., Walther, R. First tests at injector for the s-Band Test Facility at DESY 90079
Schmitz, M. *see* Huenger, A. 69838
Schmitz, R. *see* Killat, D. 85320
Schmitz, V. *see* Kroning, M. 113580
Schmitzer, H. Object recognition with the fuzzy-Hough-transform, and special evaluation strategies for lines, circles and patterns 108447
Schmocker, U. *see* Khatib-Rahbar, M. 81251
Schmoe, S. *see* Hein, M.A. 83398
Schmoldt, D.L. *see* Pei Li 103495
Schmor, P. *see* Kuo, T. 100702
Schmor, P.W. A review of polarized ion sources 90068
Schmor, P.W. *see* Bricault, P.G. 79993
Schmor, P.W. *see* Zelenski, A.N. 90070
Schmor, P.W. *see* Zelenski, A.N. 120077
Schmuck, F., Barsch, R., Pilling, J. About an improved evaluation of results by the standardized salt-fog procedure for composite insulators 121199
Schmucker, P. *see* Gehring, H. 80173
Schmuckle, F.J. *see* Rheinfelder, C. 83456
Schmuckle, F.J. *see* Rheinfelder, C. 83484
Schmuckle, F.J. *see* Rheinfelder, C.N. 114334
Schmugge, T. Applications of passive microwave observations of surface soil moisture 120837
Schmuki, P., Buchanan, M., Mason, B.F., Sproule, G.I., Graham, M.J. Thickness measurements of thin anodic oxides on GaAs using atomic force microscopy, profilometry, and secondary ion mass spectrometry 69494
Schmuki, P., Sproule, G.I., Bardwell, J.A., Lu, Z.H., Graham, M.J. Thin anodic oxides formed on GaAs in aqueous solutions 63380
Schmuki, P. *see* Bardwell, J.A. 74578
Schmuser, P. *see* Crawford, C. 79853
Schmuser, P. *see* Pekeler, M. 119967
Schmutz, C., Tarascon, J.M., Gozdz, A.S., Warren, P.C., Shokoohi, F.K. A new rechargeable plastic Li-ion battery 81687
Schmutz, C.N. *see* Doyle, M. 81714
Schmutz, C.N. *see* Gozdz, A.S. 81695
Schmutz, G. *see* Lecomte, R. 90426
Schnaars, G.H. EWSXpress–complete end-to-end solutions for broadband networking applications, services, equipment, and advanced technology 118733
Schnabel, B. *see* Kley, E.-B. 74651
Schnabel, R. *see* Ludwig, R. 85702
Schnack, H.G., Griessen, R., Noordeloos, P., Heeck, K. Continuously rotatable high field capacitance torque magnetometer 110116
Schnaen, J.L., Roudet, P., Saguet, S. Power electronics converter modelling using microwave theory and techniques 71481
Schnaible, M.P. A normalized data library for prototype analysis 88934
Schnaider, B., Yogev, E. Software development in a hardware simulation environment 82875
Schnars, U., Kreis, T.M., Juptner, W.P.O. Digital recording and numerical reconstruction of holograms: reduction of the spatial frequency spectrum 76281
Schnase, A. *see* Ausset, P. 100679
Schnase, A. *see* Bechstedt, U. 100747
Schnase, A. *see* Brauksiepe, S. 100815
Schnase, A. *see* Stockhorst, H. 100573
Schnatz, H. *see* Riehle, F. 68962
Schnatz, H. *see* Riehle, F. 96093
Schneegans, M. *see* Dietrich, S. 84207
Schneegans, M. *see* Papp, A. 60585
Schneegans, M. *see* Papp, A. 113043
Schneegans, M. *see* Peigneux, J.P. 120164
Schneeweiss, W.G. Mission success with components not as good as new 60702
Schneeweiss, W.G. Modularization of fault trees for determining mean life of non-repaired electronics systems 93103
Schneibel, H.P. *see* Bauknecht, R. 99597
Schneible, R.A. *see* Sarkar, T.K. 108009
Schneider, A., Drews, D., Zahn, D.R.T., Wolfframm, D., Evans, D.A. The preparation of Sb contacts to molecular beam epitaxial ZnSe on GaAs(100) monitored by Raman spectroscopy 74465
Schneider, A. *see* Drews, D. 74182
Schneider, A. *see* Weber, E. 102001
Schneider, C., Ecker, W. Stepwise refinement of behavioral VHDL specifications by separation of synchronization and functionality 113829
Schneider, C., Filbert, D. Parameter estimation and residual analysis. A comparison 111990
Schneider, C. *see* Burth, M. 91563

Schneider, C. *see* Filbert, D. 91925
Schneider, C.W. *see* Dittschar, A. 75081
Schneider, D., Ruerup, D., Schoenfelder, B., Schlachetzki, A. Effective mass and energy-band parameters in InP by magnetophonon effect 74132
Schneider, D. *see* Bundschuh, B.O. 120773
Schneider, E., Staraj, R., Cambiaggio, E., Benevello, O. Modelling of microstrip antenna arrays 66117
Schneider, E. *see* Lau, J. 83597
Schneider, G. Status monitoring and selfcalibration of sensors 119592
Schneider, G., Kapr, Th., Schreiber, H. Material investigations on catalysts from the DENOX plant of Unit 7 at Heilbronn Heating Power Station 91318
Schneider, G. *see* Gusten, R. 68806
Schneider, G. *see* Schmahl, G. 120238
Schneider, G.C. *see* Blas, F. 79935
Schneider, H., Ehret, S., Larkins, E.C., Ralston, J.D., Koidl, P. Photovoltaic QW intersubband detectors: Operational principle, theoretical limits, and dynamical behavior 69163
Schneider, H., Koidl, P., Schonbein, C., Ehret, S., Larkins, E.C., Bihlmann, G. Capture dynamics and far-infrared response in photovoltaic quantum well intersubband photodetectors 89061
Schneider, H., Larkins, E.C. Electron capture in AlGaAs/AlAs/GaAs double-barrier quantum well structures: tunneling versus intervalley scattering 62967
Schneider, H. *see* Bechstedt, U. 100747
Schneider, H. *see* Brauksiepe, S. 100815
Schneider, H. *see* Ehret, S. 89099
Schneider, H. *see* Ehret, S. 94518
Schneider, H.-J. NAMUR recommendation for the release-numbering of digital field devices 112866
Schneider, H.C. *see* Jahnke, F. 96341
Schneider, H.C. *see* Jahnke, F. 96396
Schneider, H.R. *see* Bricault, P.G. 79993
Schneider, H.R. *see* Bricault, P.G. 89721
Schneider, H.R. *see* Bricault, P.G. 89722
Schneider, I.D. A programmable DDS waveform generator for electrical impedance tomography (EIT) 101376
Schneider, J. *see* Lao, Z. 104353
Schneider, J. *see* Wang, Z.-G. 99476
Schneider, J. *see* Zhi-Gong Wang 73504
Schneider, J.B. *see* Railton, C.J. 114337
Schneider, J.B. *see* Steeds, M.W. 65776
Schneider, J.D. *see* Bolme, G.O. 89706
Schneider, J.D. *see* Sherman, J. 90071
Schneider, J.D. *see* Spence, D. 69693
Schneider, J.R. *see* Neumann, H.B. 69903
Schneider, K., Bruckmeier, R., Hansen, H., Schiller, S., Mlynek, J. Bright squeezed-light generation by a continuous-wave semimonolithic parametric amplifier 107613
Schneider, K. *see* Bruckmeier, R. 116671
Schneider, K. *see* Budzynski, A. 82170
Schneider, K. *see* Von Sachs, R. 99348
Schneider, M., Evenson, K.M., Johns, J.W.C. Far-infrared continuous-wave laser emission from H_2O and from NH_3 optically pumped by a CO laser 96103
Schneider, M., Marquardt, J. Transmission characteristics of corrugated waveguides with arbitrary cross-sections 76537
Schneider, M., Muller-Pfeiffer, S., Zin, W. Magnetic force microscopy of domain wall fine structures in iron films 75125
Schneider, M. *see* Bartschi, R. 119380
Schneider, M. *see* Haberli, A. 79362
Schneider, M. *see* Huenger, A. 69838
Schneider, M. *see* Pepin, A. 74432
Schneider, M. *see* Pepin, A. 83916
Schneider, M. *see* Steinhausen, C. 101201
Schneider, M.C., Baechler, T., Galup-Montoro, C., Noceti Filho, S., Acosta, S.M. Design techniques for analog circuits in sea of transistors 93624
Schneider, M.C. *see* Goncalves, R.T. 93557
Schneider, M.C. *see* Goncalves, R.T. 104696
Schneider, M.V. The impact of emerging technologies on wireless communications 78336
Schneider, M.V., Cuong Tran, Trambarulo, R. Computer-aided design of modulated backscatter microwave modules 68073
Schneider, P., Bischoff, L., Teichert, J., Hesse, E. Focused ion beam sputtering yield measurements for cobalt ions on silicon and related materials 105824
Schneider, P. *see* Teichert, J. 74930
Schneider, P.H., Senn, M.A., Wurth, B. Power analysis for sequential circuits at logic level 113869
Schneider, R. Keep cool: safe electronic cooling 103452
Schneider, R. The National Standard System Network 113018
Schneider, R., Auer, R. Response to "Comment on 'Temporal response of a high-T_c superconducting field effect transistor' " [Appl. Phys. Lett. 68, 2589 (1996)] 64533
Schneider, R., Levin, P.L., Spasojevic, M. Multiscale compression of BEM equations for electrostatic systems 116810
Schneider, R. *see* Gernhaeuser, R. 69126
Schneider, R. *see* Jacobsen, E.R. 69762
Schneider, R.F. *see* Miller, J.D. 69900
Schneider, R.L. *see* Gang Zhou 82748
Schneider, R.P. *see* Bo Lu 96284
Schneider, R.P. *see* Goncher, G.M. 65322
Schneider, R.P. *see* Tan, R.T. 68516
Schneider, R.P. *see* Thornton, R. 65241
Schneider, R.P., Jr., Tan, M.R.T., Corzine, S.W., Wang, S.Y. Oxide-confined 850 nm vertical-cavity lasers for multimode-fibre data communications 88588
Schneider, R.P., Jr. *see* Choquette, K.D. 65316
Schneider, R.P., Jr. *see* Choquette, K.D. 75982
Schneider, R.P., Jr. *see* Choquette, K.D. 107284
Schneider, R.P., Jr. *see* Hagerott Crawford, M. 107426
Schneider, R.P., Jr. *see* Lear, K.L. 65300
Schneider, R.P., Jr. *see* Lear, K.L. 65331
Schneider, R.P., Jr. *see* Lear, K.L. 96311
Schneider, R.P., Jr. *see* Twesten, R.D. 85456
Schneider, S.C. *see* Levy, M. *(editor)* 92046
Schneider, S.M.O.L., Benner, U. High precision optical measurement with smart photosensors 110173
Schneider, T. *see* Binde, S. 66841
Schneider, T. *see* Piguet, C. 113967
Schneider, U. *see* Markov, S. 113215
Schneider, V.M. *see* Syms, R.R.A. 75565
Schneider, W. Voltage converters: 12/24 V or above 82923
Schneider, W. Investigations on low-stress COB-packaging 112914
Schneider, W. VHF, UHF and SHF measuring methods using a PC. I. Essentials of control using the PC's centronics port 118782
Schneider, W.-D. *see* Patthey, F. 101030
Schneider-Muntau, H.-J. *see* Bird, M.D. 96968
Schneider-Muntau, H.-J. *see* Bird, M.D. 96986
Schneider-Muntau, H.-J. *see* Eyssa, Y.M. 96972
Schneider-Muntau, H.-J. *see* Eyssa, Y.M. 96987
Schneider-Muntau, H.-J. *see* Gao, B.J. 96977
Schneider-Muntau, H.-J. *see* Gao, B.J. 96989
Schneider-Muntau, H.-J. *see* Van Cleemput, M. 96973
Schneider-Muntau, H.J. *see* Campbell, L.J. 96970
Schneider-Muntau, H.J. *see* Hascicek, Y.S. 96984
Schneider-Muntau, H.J. *see* Markiewicz, W.D. 95537
Schneider-Muntau, H.J. *see* Pernambuco-Wise, P. 96971
Schneiderman, H. *see* Wavering, A.J. 86686
Schneidewind, H. Beitraege zum Ionenstrahlaetzen von kryoelektronischen Bauelementen auf der Basis von Kupratsupraleitern (Ion beam etching of cryoelectronic devices on the basis of cuprate superconductors) 95498
Schneidewind, N.F. A fine-grained Ethernet performance model 109122
Schneidmiller, E.A. *see* Brefeld, W. 96530
Schneidmiller, E.A. *see* Dolbilov, G.V. 96490
Schneidmiller, E.A. *see* Rossbach, J. 85546
Schneidmiller, E.A. *see* Saldin, E.L. 96519
Schneidmiller, E.A. *see* Saldin, E.L. 96539
Schneidmiller, E.A. *see* Saldin, E.L. 96549
Schneidmiller, E.A. *see* Saldin, E.L. 96550
Schneidmiller, E.A. *see* Saldin, E.L. 107393
Schneier, B., Kelsey, J. Unbalanced Feistel networks and block cipher design 66510
Schneier, B. *see* Kelsey, J. 97505
Schneir, J., Villarrubia, J.S., McWaid, T.H., Tsai, V.W., Dixson, R. Increasing the value of atomic force microscopy process metrology using a high-accuracy scanner, tip characterization, and morphological image analysis 68959
Schneir, J. *see* Dixson, R. 115084
Schneir, J. *see* Dixson, R. 115280
Schnell, M. Interference calculations for MC-SSMA systems in mobile communications 88319
Schnell, W. *see* Braun, H. 89667
Schneps-Schneppe, M. On intelligent network certification: Performance issues 98824
Schnetter, A. *see* Arp, K. 101991
Schnider, R. *see* Lopez de Bertodano, M. 121305
Schniederjans, M.J., Hong, S. Multiobjective concurrent engineering: a goal programming approach 60537
Schnieders, J. *see* Purzer, H. 82027
Schniek, H.-G. *see* Krauss, M. 79279
Schnittker, M. *see* Peitzmann, T. 100814
Schnitzer, I. *see* Arensburg, A. 96443
Schnitzer, P. *see* Fiedler, U. 65302
Schnitzer, P. *see* Fiedler, U. 65324
Schnoes, M. *see* Geelhaar, L. 105654
Schnoes, M.L. *see* Vakhshoori, D. 65340
Schnoll, M. *see* Hedtke, R. 108406
Schnorr, C.P. Security of 2^t-root identification and signatures 97498
Schnorr, C.P. *see* Rossner, C. 113168
Schnorrenberg, F., Pattichis, C.S., Schizas, C.N., Kyriacou, K., Vassiliou, M. Computer-aided classification of breast cancer nuclei 120356
Schnurer, J. *see* Borjesson, T. 69353
Schnurer, S. *see* Bu-Xin Xu 95543
Schnurpfeil, G. *see* Yanagi, H. 81907
Schnurpfeil, R. *see* Nemcsics, A. 92727
Schobben, D.W.E., Sommen, P.C.W. Increasing beamsteering directions using polyphase decomposition 117490
Schobinger, M. *see* Herbst, H. 115302
Schoch, D.L., Mohd, M.A. Feasibility of a virtual anechoic chamber: the ultimate E^3 test facility 70322
Schock, H.-W. *see* Gal, D. 105135
Schock, H.-W. *see* Oberacker, T.A. 116243
Schock, H.W. Thin film photovoltaics 71696
Schock, H.W. *see* Braunger, D. 81878
Schock, H.W. *see* Hariskos, D. 103013
Schock, H.W. *see* Menezes, S. 103012
Schock, H.W. *see* Moons, E. 121882
Schock, H.W. *see* Oberacker, T.A. 75738
Schock, H.W. *see* Ruckh, M. 94454
Schock, H.W. *see* Schmid, D. 103010
Schock, H.W. *see* Walter, T. 92941
Schock, H.W. *see* Walter, T. 114706
Schock, H.W. *see* Zweigart, S. 92937
Schock, W., Stolt, L. R&D on chalcopyrite based solar cells in Europe: recent result and developments 112340
Schodorf, J.B., Williams, D.B. Partially adaptive multiuser detection 108343
Schodorf, J.B., Yoder, M.A., McClellan, J.H., Schafer, R.W. Using multimedia to teach the theory of digital multimedia signals 117301
Schoebinger, M. *see* Haas, M. 109868
Schoelkopf, R.J. *see* Burke, P.J. 73158
Schoemackers, G. *see* Raven, P. 79068
Schoemaker, D. *see* Yan, Z.C. 116277
Schoemehl, T. *see* Holstein, D. 93764
Schoen, G. *see* Wagenblast, K.H. 95473
Schoen, J.H., Bucher, E. Computer modeling of the performance of some metal/dielectric multilayers for high-temperature solar selective absorbers 121905
Schoen, P.E. *see* Fliflet, A.W. 104173
Schoenberg, J. *see* Popovic, Z. 88106
Schoenberg, M. *see* Ai, R. 94938
Schoenemann, T. *see* Fose, M. 102894
Schoenfeld, F. *see* Matthews, P.J. 100436
Schoenfeld, H. *see* Haeusler, G. 79355
Schoenfeld, O., Zhao, X., Christen, J., Hempel, T., Nomura, S., Aoyagi, Y. Formation of Si quantum dots in nanocrystalline silicon 63047
Schoenfelder, B. *see* Schneider, D. 74132
Schoening, V.L., Reagan, J.A., Delaney, P.A. Daytime performance simulation of PN-code modulated micro-Joule lidar 120770
Schoenmacker, D.De *see* De Schoenmacker, D.
Schoenmaker, W. *see* Mouthaan, T. 84229
Schoenmakers, B. *see* Cramer, R. 76821
Schoenmakers, B. *see* Katoen, J.-P. 104436
Schoentag, M. *see* Braunschweig, W. 120173
Schoenung, S.M., Burns, C. Utility energy storage applications studies 111532
Schoenwald, A.T., Sahakian, A.V., Swiryn, S. Detecting atrial fibrillation using spatial precision 70158
Schoepe, H.J. *see* Drescher, P. 105007
Schoeppe, B. Test equipments for the GSM A bis interface 68092
Schoeppel, S.L. *see* Naida, J.D. 90584
Schoessow, P., Chojnacki, E., Cox, G., Gai, W., Ho, C., Konecny, R., Power, J., Rosing, M., Simpson, J., Barov, N., Conde, M. The Argonne Wakefield Accelerator high current photocathode gun and drive linac 89708
Schoessow, P. *see* Barov, N. 89644
Schofer, R.F. Utility self-assessment in a competitive environment 81225
Schofield, A.J., Mehta, P.A., Stonham, T.J. A system for counting people in video images using neural networks to identify the background scene 86360
Schofield, B. *see* Kaminow, I.P. 77942
Schofield, I. *see* Fuglsang-Frederiksen, A. 90546
Schofield, I. *see* Johnsen, B. 90545
Schofield, J.T. *see* Kursinski, E.R. 70484
Schofield, N., Jenkins, M.K. High performance brushless permanent magnet traction drives for hybrid electric vehicles 91873
Schofield, P. *see* Gillingham, P. 73395
Schoisswohl, M., Cantin, J.L., Chamarro, M., von Bardeleben, H.J., Morgenstern, T., Bugiel, E., Kissinger, W., Andreu, R.C. Defects and visible photoluminescence in porous $Si_{1-x}Ge_x$ 94440
Schoisswohl, M. *see* Cantin, J.L. 94259
Schoisswohl, M. *see* Cantin, J.L. 94305
Schoitsch, E., Sonneck, G. Software quality and safety of systems 82140
Scholen, A. *see* Klein, N. 93699
Scholes, C.P. *see* Sienkiewicz, A. 73673
Scholey, N. *see* Newnham, C.E. 112219
Scholl, E. *see* Gaa, M. 83851
Scholl, E. *see* Kunz, R.E. 84282
Scholl, E. *see* Niedernostheide, F.-J. 105861
Scholl, E. *see* Schwarz, G. 94491
Scholl, E. *see* Stasch, R. 115131
Scholl, E.H., Satogata, T. The RHIC transfer line cable database 100420
Scholl, H., Burkhard, H., Tamburrini, M. Millimeter wave generation by off-locking optical injection in a DFB laser diode 96297
Scholl, H. *see* Burkhard, H. 96356
Scholl, J.F. *see* Canning, F.X. 107692
Scholl, M. *see* Henning, T. 107639
Scholl, M.S. Design parameters for a two-mirror telescope for stray-light sensitive infrared applications 69247
Scholl, M.S., Padilla, G.P., Wang, Y.W. Design of a high-resolution telescope for an imaging sensor to characterize a (Martian) landing site 89160
Scholl, R.A. Asymmetric bipolar pulsed power. A new power technology 104090

Scholl, S., Gerschutz, J., Schafer, H., Fischer, F., Waag, A., Landwehr, G. Persistent photoconductivity in halogen-doped $Cd_{1-x}Zn_xTe$, $Cd_{1-x}Mn_xTe$ and $Cd_{1-x}Mg_xTe$ layers 62714
Scholl, S. *see* Fischer, F. 94721
Scholles, M. *see* Schwarz, M. 110928
Schollhorn, C. *see* Fischer, M. 84626
Schollkopf, V. *see* Silier, I. 113403
Schols, G. ASIC manufacturing with Alcatel 73190
Schols, G. *see* Vanfleteren, J. 114472
Scholte, P.M.L.O. *see* Holman, A.E. 79383
Scholte, P.M.L.O. *see* van Wingerden, J. 82625
Scholten, R.E. *see* Celotta, R.J. 75073
Scholten, W., Verweij, A. Introduction of a new Datalogger system for GKN Dodewaard 111736
Scholtholt, W. *see* Kuhn, A. 109438
Scholtz, C., Cloete, J.H. Radar cross-section of microstrip patches 117007
Scholtz, D. Compressor control and instrumentation upgrade 103203
Scholtz, R.A. *see* Mallik, R.K. 65870
Scholz, E. *see* Knorr, C. 95837
Scholz, F. *see* Adler, F. 114784
Scholz, F. *see* Alsina, F. 72795
Scholz, F. *see* Binet, F. 100030
Scholz, F. *see* Ernst, P. 62711
Scholz, F. *see* Frankowsky, G. 75985
Scholz, F. *see* Gauggel, H.-P. 65254
Scholz, F. *see* Haase, D. 114634
Scholz, F. *see* Hofmann, R. 116467
Scholz, F. *see* Jian Wang 85478
Scholz, F. *see* Kowalski, B. 114744
Scholz, F. *see* Wirth, R. 116075
Scholz, H. *see* Lobl, H. 121807
Scholz, T. *see* Caspers, F. 79859
Scholz, W. *see* Laska, T. 106001
Scholze, F. *see* Hartmann, R. 89070
Scholze, F. *see* Hartmann, R. 110541
Scholze, F. *see* Rabus, H. 110624
Scholze, F. *see* Zeuner, M. 100787
Schomacker, K.T. *see* Boas, D.A. 120405
Schomacker, K.T. *see* Sadhwani, A. 120330
Schomann, S., Schmidt, K., Peisert, H., Chasse, T., Horn, K. Electronic and surfactant effects of As interlayers at Ag/InP(110) interfaces 83980
Schomberg, R.von *see* von Schomberg, R.
Schomburg, E. *see* Hofbeck, K. 105330
Schomburg, W.K. *see* Maas, D. 74950
Schomburg, W.K. *see* Menz, W. 120273
Schomer, D.L. *see* Ives, J.R. 90526
Schon, G. *see* Blanter, Ya.M. 75357
Schon, G. *see* Siewert, J. 115941
Schon, J.H., Baumgartner, F.P., Arushanov, E., Riazi-Nejad, H., Kloc, C., Bucher, E. Photoluminescence and electrical properties of Sn-doped $CuGaSe_2$ single crystals 62784
Schonauer, H. Loss concentration and evacuation by mini-wire-septa from circular machines for spallation neutron sources 100712
Schonauer, H. *see* Blas, F. 79935
Schonbee, C.M., Mountain, B.R.A., Dingley, C.E. SAUPEC–an integrated electricity tariff system for the North East Rand TMC 101833
Schonbein, C. *see* Ehret, S. 94518
Schonbein, C. *see* Schneider, H. 89061
Schonberg, T., Ojala, M., Suomela, J., Torpo, A., Halme, A. Positioning an autonomous off-road vehicle by using fused DGPS and inertial navigation 99686
Schonberger, C., Kramer, N. Nanolithography on hydrogen-terminated silicon by scanning-probe microscopy 115098
Schonborn, M., David, K. Capacity investigation of an advanced TDMA air-interface concept for a 3rd generation system 78470
Schone, H.E. *see* Johnson, D.F. 64583
Schone, W. *see* Golla, D. 96199
Schonenberg, K.T. *see* Nguyen-Ngoc, D. 63964
Schonenberg, K.T. *see* Nguyen-Ngoc, D. 115373
Schonenberger, C. *see* Birk, H. 93157
Schoner, A., Nordell, N., Rottner, K., Helbig, R., Pensl, G. Dependence of the aluminium ionization energy on doping concentration and compensation in 6H-SiC 105229
Schoner, A. *see* Nordell, N. 103977
Schoner, A. *see* Nordell, N. 104166
Schoner, A. *see* Nordell, N. 113384
Schoner, W. *see* Noll, M. 110986
Schoner, W. *see* Vana, N. 110991
Schoner, W. *see* Vana, N. 110996
Schonfeld, D. *see* Choi, M. 86493
Schonfeld, F., Littmann, B. Determination of resonant frequency and external Q values for the BESSY II HOM-damped cavity 100655
Schonfeld, R. Control of nonlinear motion processes in processing-machines by individual electric drives 91815
Schonfelder, A., Ralston, J.D., Czotscher, K., Weisser, S., Rosenzweig, J., Larkins, E.C. Optical gain and spontaneous emission in InGaAs/GaAs multiple quantum well laser diodes 85486
Schonfelder, A. *see* Czotscher, K. 107237
Schonfelder, A. *see* Esquivias, I. 107229
Schonfelder, A. *see* Ralston, J.D. 96305
Schonherr, H.-P. *see* Notzel, R. 113380
Schonholzer, E.T. *see* Roth, S. 91393
Schonhuber, P., Moon, F.C. Aspects of passive magnetic levitation based on high-T_c superconducting YBCO thin films 115966
Schonhut, J., Metzner, C., Muller, S., Schmidt, T., Dohler, G.H., Forster, A., Luth, H. Optical investigation of impurity bands in a delta-doped n-layer 63078
Schonig, C. *see* Wirnitzer, B. 99791
Schoning, M.J., Schaub, A., Zundel, A., Beckers, L., Schubert, J., Zander, W., Kordos, P., Luth, H. Pulsed laser deposition as a novel thin film preparation method for silicon-based field effect sensors 89046
Schonnagel, H., Glas, P. Coherent coupling of mutually nonresonant waveguide lasers by synchronization of supermodes from locally composed mode clusters 65092
Schontube, E. *see* Rolz, L. 90531
Schonwalder, J. Using multicast-SNMP to coordinate distributed management agents 98582
Schonwetter, G. *see* Fresacher, G. 103043
Schoof, A. *see* Barth, C. 92285
Schoof, J., Rancourt, K. Design and application of robust instrumentation sensors in extreme environments 89020
Schooneveld, D.Van *see* Van Schooneveld, D.
Schooneveld, E.M. *see* Hoogduin, J.M. 120201
Schoonman, J. *see* Jaspers, B.C. 81777
Schoonman, J. *see* Kelder, E.M. 113532
Schoonman, J. *see* Schroten, E. 61354
Schoonman, J. *see* Van Dieten, V.E.J. 81845
Schoot, H.Van Der *see* Van Der Schoot, H.
Schoot, J.B.P.Van *see* Van Schoot, J.B.P.
Schope, F. *see* Karvelis, G.A. 71826
Schopflin, A., Weiske, C.-J., Mullner, E., Znidarsic, F., Fischer, U., Kotten, K., Wildmoser, J., Krapfl, J., Beyer, F., Wunsche, U. Realization of a commercial 10 Gbit/s TDM transmission system 119208
Schopp, H. *see* Hartel, G. 116421
Schorcht, G., Freund, U., Salzwedel, H., Keller, H. Modeling of terrains for simulation of integrated mobile terrestrial and satellite communications systems 116889
Schormans, J.A., Clements, B.R., Smith, R.O. Dimensioning of shared buffer ATM switch elements 77581
Schorner, R. *see* Friedrichs, P. 74478
Schorner, R. *see* Rupp, R. 103994
Schornig, M. *see* Pohst, M.E. 103537
Schosser, A., Knodler, B., Tschudi, T., Frank, W.F.X., Stelmaszyk, A., Muschert, D., Ruck, D., Brunner, S., Pozzi, F., Morasca, S., de Bernardi, C. Optical components in polymers 68368
Schott, R. *see* Feinsilver, P. 60774
Schotten, H.D., Elders-Boll, H., Busboom, A. An adaptive scheme for simultaneous coding and spreading in direct-sequence CDMA systems 108815
Schotten, H.D. *see* Elders-Boll, H. 118985
Schottl, A. A reliability model of a system with dependent components 82339
Schottl, A. A new ordering for point processes 82387
Schouhamer Immink, K.A. A rate 4/6 (d=1, k=11) block-decodable runlength-limited code 97555
Schouhamer Immink, K.A. *see* Patrovics, L. 76750
Schouhamer Immink, K.A. *see* Patrovics, L. 97556
Schouhamer-Immink, K.A., Wijngaarden, A. Simple high-rate constrained codes 117152
Schoukens, J., Louage, F., Rolain, Y. Study of the influence of clock instabilities in synchronized data acquisition systems 68996
Schoukens, J., Pintelon, R., Vandersteen, G. A sinewave fitting procedure for characterizing data acquisition channels in the presence of time base distortion and time jitter 119567
Schoukens, J., Rolain, Y., Guillaume, P. Design of narrowband, high-resolution multisines 66760
Schoukens, J. *see* Pintelon, R. 68995
Schoukens, J. *see* Pintelon, R. 110061
Schoukens, J. *see* Vandersteen, G. 63560
Schoukens, J. *see* Vandersteen, G. 119852
Schoukens, J. *see* Vuerinckx, R. 108319
Schoute, F.C. *see* Prasad, A.R. 98377
Schouterden, K. *see* Wen H. Liu 84810
Schowalter, L.J. Substrate engineering with plastic buffer layers 103967
Schowalter, L.J. *see* Kim, B.M. 113348
Schoyer, M.K.N., Verbeek, P.W. Block position dithering in DCT-coded sequences 98308
Schrade, F. *see* Moenke, D. 113495
Schrader, C. *see* Ban, J. 69810
Schraff, F. Strategies for increasing measurement accuracy: reducing noise in data acquisition systems 79263
Schragger, P. *see* Almstrum, V.L. 103337
Schram, G., van der Linden, F.X., Krose, B.J.A., Groen, F.C.A. Visual tracking of moving objects using a neural network controller 98170
Schramm, C., Schlaak, W., Mekonnen, G.G., Passenberg, W., Umbach, A., Seeger, A., Wolfram, P., Bach, H.-G. Design and realisation of waveguide integrated AlInAs/GaInAs HEMTs regrown by MBE for high bit rate optoelectronic receivers on InP 78655
Schramm, C. *see* Bach, H.-G. 63763
Schramm, C. *see* Schlaak, W. 96070
Schramm, J.E. *see* Han, H. 82266
Schramm, R. *see* Hoeher, P. 88800
Schrand, J. Using die in PC Card applications 94028
Schrans, T. *see* Kwong, N. 109605
Schrans, T. *see* Salvatore, R.A. 65347
Schrantz, J.C. *see* ErGudal, H.E. 73872
Schreck, M. *see* Klarmann, R. 72827
Schreckenbach, W., Hey, N., Zielke, D., Friedrich, R., Pritzke, B., Munker, C. Micromechanical inclination angle detector 110134
Schreckenbach, W., Hey, N., Zielke, D., Friedrich, R., Pritzke, B., Munker, C. A micro-mechanical electronic clinometer. II 119607
Schrefl, T., Fidler, J. Numerical micromagnetics in hard magnetic and multilayer systems 84775
Schrefl, T., Fidler, J. 3D calculation of magnetization processes in Co/Pt multilayers 106592
Schrefl, T., Fidler, J., Chapman, J.N. Micromagnetic modelling of multilayer media 106575
Schrefl, T. *see* Fidler, J. 64262
Schreiber, A.L. *see* Pierce, P.E. 83168
Schreiber, E. *see* Carman, T.S. 110634
Schreiber, E. *see* Fitting, H.-J. 73948
Schreiber, E. *see* Fitting, H.-J. 83711
Schreiber, E.C. *see* O'Shea, P.G. 107380
Schreiber, F., Gorg, C. Stochastic simulation: a simplified LRE-algorithm for discrete random sequences 108738
Schreiber, F. *see* Spoddig, D. 64370
Schreiber, H. *see* Schneider, G. 91318
Schreiber, H. *see* Singer, W. 69532
Schreiber, H.-U. Novel oxide planarization for integrated high-speed Si/SiGe heterojunction bipolar transistors 63640
Schreiber, H.-U. *see* Crell, C. 63230
Schreiber, J. *see* Shaobai Mo 105136
Schreiber, K. *see* Lindemann, H. 81085
Schreiber, M. *see* Cossmann, H. 87893
Schreiber, P. *see* Goring, R. 106906
Schreiber, S. *see* Bossart, R. 89668
Schreiber, T., Kaplan, D.T. Signal separation by nonlinear projections: the fetal electrocardiogram 70157
Schreiblehner, M.A. *see* Glatt, W. 88596
Schreier, G. *see* Hutten, H. 110923
Schreier, H.H. *see* Tavrov, A. 110797
Schreier, L. *see* Bendl, J. 80749
Schreier, L.C., Davis, M.B. System-level resource management for network-based multimedia applications 118245
Schreier, R. *see* Lin, H. 104644
Schreiner, C. *see* Cantemir, L. 71357
Schreiner, C. *see* Sienski, K. 62063
Schreiner, M. *see* Diepenhorst, M. 62138
Schreiner, S., Dawant, B.M., Paschal, C.B., Galloway, R.L. The importance of ray pathlengths when measuring objects in maximum intensity projection images 101199
Schreiner, W., Kulicke, B. Partial matrix alterations [power systems] 101721
Schreiner, W.H. *see* Mattoso, N. 63130
Schreiter, R. *see* Bock, J. 84565
Schreitmueller, R. Watching the boards dry [PCB cleaning] 114427
Schrelter, R. *see* Treitinger, L. 73798
Schremmer, A. *see* Stiebing, K. 100749
Schremmer, S. *see* Kroell, T. 69764
Schreuder, H.W. Recent developments in superconducting cyclotrons 79915
Schreurs, A.W. *see* Turkawski, S.J.J. 120265
Schreurs, D., Baeyens, Y., Nauwelaers, B., de Raedt, W., van Hove, M., van Rossum, M. Measurement-based modelling of non-linear components for HEMT MMICs 73816
Schreurs, D., Baeyens, Y., Van der Zanden, K., Verspecht, J., Van Hove, M., De Raedt, W., Nauwelaers, B., Van Rossum, M. Large-signal HEMT modelling, specifically optimized for InP based HEMTs 104834
Schreurs, D., Beheydt, S., Vanhaecke, J., Baeyens, Y., Nauwelaers, B., De Raedt, W., Van Hove, M., Van Rossum, M. Characterization and modelling of HEMTs as microwave and millimetre wave MMIC switches 83516
Schreurs, D., Schellemans, G., Baeyens, Y., van der Perre, L., Nauwelaers, B. Introducing telecommunications by system design 60479
Schreurs, D., Spiers, A., De Raedt, W., Van Der Zanden, K., Baeyens, Y., Van Hove, M., Nauwelaers, B., Van Rossum, M. DC, LF dispersion and HF characterisation of short-time stressed InP based LM-HEMTs 115253
Schreurs, D. *see* Baeyens, Y. 62314
Schreurs, D. *see* Rolain, Y. 115233
Schreurs, D. *see* Schellemans, G. 60480
Schreurs, D. *see* Verspecht, J. 93098
Schreurs, J.J. *see* Young, R.M. 61312
Schreurs, W. *see* Lazeroms, M. 80418
Schrey, P. *see* Katter, M. 115853
Schreyer, A. *see* Ankner, J.F. 64364
Schreyer, R.W., Dreisbach, D.A., Ducourret, A. IGBT based propulsion improving vehicle reliability and availability 91845
Schrieber, S. *see* Ban, J. 69810
Schrimpf, R.D. Recent advances in understanding total-dose effects in bipolar transistors 74707
Schrimpf, R.D. Recent advances in understanding total-dose effects in bipolar transistors 106184
Schrimpf, R.D. *see* Galbraith, J.M. 115325
Schrimpf, R.D. *see* Johnson, G.H. 63689
Schrimpf, R.D. *see* Mouret, I. 74744

Schrimpf, R.D. *see* Mouret, I. 106025
Schroder, B. *see* Bauer, S. 94398
Schroder, B. *see* Diehl, F. 94242
Schroder, B. *see* Scheib, M. 92877
Schroder, B.S.W. Fixed point theorems for ordered sets P with P\{a, c} as retract 103637
Schroder, D. *see* Marx, M. 121570
Schroder, D. *see* Marx, M. 121627
Schroder, D. *see* Steimer, P.K. 121095
Schroder, D.K. *see* Reyes, A.C. 114188
Schroder, G. *see* Kern, A. 71952
Schroder, H.-U., Otterstedt, J., Hillmann-Ruge, T. Yield enhancement of a 16.6 cm^2 monolithic large-area integrated multiprocessor system using laser reconfiguration 83164
Schroder, H.-U. *see* Otterstedt, J. 77537
Schroder, T. *see* Proops, J.L.R. 71014
Schroeder, A., Pelster, R., Grunow, V., Lennartz, W., Nimtz, G., Friederich, K. Charge transport in silicon carbide: atomic and microscopic effects 105207
Schroeder, A. *see* Koenen, M. 100875
Schroeder, D. Meeting the future head-on [operations support systems] 98571
Schroeder, D. *see* Gatzke, C. 63523
Schroeder, D.L. *see* Granger, M.J. 118471
Schroeder, D.L. *see* Rosaaen, D.F. 84528
Schroeder, H. *see* Burges, U. 114996
Schroeder, R. *see* Kaur, D. 121309
Schroeder, S.A. *see* Heinrich, S.M. 60609
Schroeder, T. *see* Lequesne, B. 110138
Schroeder, W., Guglielmi, M. Boundary integral equation approach to multi-mode Y-Matrix characterization of multi-ridged sections in circular waveguide 97246
Schroeder, W. *see* Erko, A. 90250
Schroeder, W. *see* Wollweber, J. 82576
Schroeder, W.A. *see* Omenetto, F.G. 96211
Schroer, Ch. *see* Appenzeller, J. 63826
Schroer, S. *see* Herve, D. 70544
Schroeter, C. *see* Perello, C. 109996
Schroeter-Janssen, H. *see* Roehle, H. 103890
Schrofelbauer, H. New renewable energy in Austria 91262
Schrofelbauer, H., Draxler, A., Tauschitz, J. Modernization of St. Andra and Zeltweg Steam Power Stations 111780
Schroll, H.J. Convergence of implicit finite difference methods applied to nonlinear mixed systems 82549
Schroll, H.J., Winther, R. Finite-difference schemes for scalar conservation laws with source terms 61056
Schroll, H.J. *see* Bodenmann, R. 61068
Schrom, G., Liu, D., Fischer, C., Pichler, C., Svensson, C., Selberherr, S. VLSI performance analysis method for low-voltage circuit operation 84583
Schrom, G., Pietsch, W., Reindl, L., Seifert, F. Real-time measurement of the Wigner distribution with a SAW convolver 108389
Schrom, G., Pietsch, W., Seifert, F., Reindl, L., Arabjan, Ch. Real-time Wigner distribution with a SAW-convolver 108260
Schrom, G. *see* Bohmayr, W. 84430
Schrooten, R. Agent-based electronic consumer catalogs 87845
Schropfer, G. *see* McCord, J. 115878
Schropp, I. *see* Machui, J. 109382
Schropp, I. *see* Weigel, R. 88232
Schropp, R.E.I. *see* Maree, C.H.M. 116202
Schropp, R.E.I. *see* Meiling, H. 94992
Schropp, R.E.I. *see* Vanmaekelbergh, D. 103024
Schroten, E., Goossens, A., Schoonman, J. Synthesis of nanometer-scale boron phosphide whiskers by vapor-liquid-solid chemical vapor deposition 61354
Schroter, B. *see* Ducke, E. 105711
Schroter, B. *see* Fissel, A. 103985
Schroter, M., Walkey, D.J. Physical modeling of lateral scaling in bipolar transistors 115158
Schroter, M. *see* McAndrew, C.C. 115157
Schroter, M. *see* Walkey, D.J. 63622
Schroth, A., Blochwitz, T., Sager, K., Gerlach, G. Coupled modelling and simulation of complex electro-mechanical microsystems 106276
Schroth, A. *see* Sager, K. 88993
Schroth, A. *see* Sager, K. 99921
Schroth, A. *see* Sager, K. 119597
Schroth, R.G. *see* Peschke, E.F. 81083
Schrott, A.G. *see* Kuo, Y. 63357
Schrottke, L., Grahn, H.T., Fujiwara, K. Pseudo-negative photocurrent spectroscopy in GaAs-AlAs superlattices 62893
Schrum, L. Two federally supported rural telecommunication models for professional development and instructional improvement 92081
Schryber, U. *see* Stammbach, T. 100434
Schubart, R. *see* Pausch, G. 100928
Schubert, A. *see* Michel, B. 112960
Schubert, A. *see* Vogel, D. 112952
Schubert, A. *see* Wolter, S. 97474
Schubert, B., Heideman, V., Sohn, J.E., Ray, U., Gordon, H., Rosser, J., Waller, B., Ellenberger, C., Becka, G. Effect of processing conditions on residue levels from malic acid-based water-washable fluxes [PCB manufacture] 94087
Schubert, B. *see* Ellenberger, C. 94088
Schubert, E., Rosenstiel, W. Combined spectral techniques for Boolean matching 66788
Schubert, E.F., Hunt, N.E.J., Malik, R.J., Micovic, M., Miller, D.L. Temperature and modulation characteristics of resonant-cavity light-emitting diodes 85309
Schubert, E.F. *see* Grieshaber, W. 116218
Schubert, H. *see* Ito, T. 100752
Schubert, J. *see* Schoning, M.J. 89046
Schubert, K.R. *see* Koch, N. 80129
Schubert, M., Berger, L., Brauch, U., Giesen, A., Opower, H., Wittig, K. Fiber coupling of single-mode laser diodes with power-density conservation 96257
Schubert, M., Gleichmann, A., Hemmleb, M., Albertz, J., Kohler, J.M. Determination of the height of a microstructure sample by a SEM with a conventional and a digital photogrammetric method 119865
Schubert, M., Rheinlander, B., Cramer, C., Schmiedel, H., Woollam, J.A., Herzinger, C.M., Johs, B. Generalized transmission ellipsometry for twisted biaxial dielectric media: application to chiral liquid crystals 119916
Schubert, M., Stachowitz, R., Fuhs, W. Geminate and non-geminate recombination in amorphous silicon a-Si:H 94389
Schubert, M. *see* Berger, L. 96245
Schubert, M. *see* Kiessling, J. 110924
Schubert, M.B. *see* Schmid, G. 94890
Schubert, M.B. *see* Wanka, H.N. 63379
Schubert, M.B. *see* Wanka, H.N. 103023
Schubert, R., Meagher, B., Chang, C.C. Monitoring of in situ corrosion rates in a telephone switching office in Burbank, CA 68002
Schubert, R. *see* Fischer, J.-G. 90411
Schubert, R. *see* Heide, P. 89506
Schubert, R. *see* Kroell, T. 69764
Schubert, S. Spread-spectrum radio-based LANs 118373
Schubert, S.F. *see* Lewellen, T.K. 101277
Schubert, S.F. *see* Lewellen, T.K. 101344
Schubert, W.K., King, D.L., Hund, T.D., Gee, J.M. 15%-Efficient multicrystalline-silicon photovoltaic modules: cell processing and characterization 103005
Schuberth, U. *see* Calen, H. 120194
Schubin, M. Searching for the perfect aspect ratio 119403
Schuch, R. *see* Quinteros, T. 110521
Schuck, J. *see* Sahm, H. 82894
Schueler, B.W. *see* Childs, K.D. 103401
Schuell, K. *see* Diessel, A. 75957
Schuell, K. *see* Ebeling, W. 75963
Schuell, K. *see* Hommel, D. 75944
Schuell, K. *see* Spahn, W. 72788
Schuell, K. *see* Wenisch, H. 74154
Schueller, O.J.A. *see* Rogers, J.A. 119621
Schueller, R.D., Plepys, A.P. Design of a low-cost wire bond tape ball grid array package 60648
Schueller, R.D., Plepys, A.P. Design of a low cost wire bond tape ball grid array (TBGA) package 92230
Schuelzgen, A. *see* Nickolaus, H. 74376
Schuenemann, K. *see* Abou-Elnour, A. 73722
Schueppel, W. *see* Mueller, R. 106566
Schuermeyer, F. *see* Martinez, E. 84480
Schuessler, U. *see* Litz, M.T. 74160
Schuett, J. Switching to personal communications: Combined switching center lets users take advantage of both mobile and wireline systems 88033
Schuetze, C. *see* Fretwurst, E. 110546
Schuff, N. *see* Haupt, C.I. 70091
Schuh, R.E., Ellison, J.G., Gleeson, L.M., Sikora, E.S.R., Siddiqui, A.S., Walker, N.G., Bebbington, D.H.O. Theoretical analysis and measurement of the effect of fiber twist on the polarization OTDR of optical fibers 85018
Schuhl, A. *see* Nguyen Van Dan, F. 88987
Schuhl, A. *see* Sussiau, M. 95345
Schuhmann, N. Description of flip-flop circuits in the VHDL design language 73291
Schuhmann, W. *see* Lotzbeyer, T. 119749
Schuierer, S. *see* Ortiz, A.L. 117776
Schukraft, J. *see* Faschingbauer, U. 110557
Schulenberg, Th. *see* Becker, B. 91355
Schuler, B. *see* Tarumi, K. 119810
Schuler, D.L., Jong-Sen Lee, De Grandi, G. Measurement of topography using polarimetric SAR images 111170
Schuler, D.L. *see* Lee, J.S. 120854
Schuler, F., Kowarik, O., Keitel-Schulz, D. Measurement and modeling of a new width dependence of NMOSFET degradation 115218
Schuler, O., Fourre, H., Fauquembergue, R., Cappy, A. Influence of parasitic capacitances on the performance of passivated InAlAs/InGaAs HEMTs in the millimeter wave range 104835
Schuler, O. *see* Fourre, H. 106059
Schull, K., Spahn, W., Hock, V., Lunz, U., Ehinger, M., Faschinger, W., Landwehr, G. Investigation of electrical properties and thermal stability of ohmic contacts to n-ZnSe for planar contacts on blue-green laser diodes 96328
Schuller, C. *see* Biese, G. 105425
Schuller, G.D.T., Smith, M.J.T. New framework for modulated perfect reconstruction filter banks 97776
Schuller, I. *see* Dmowski, W. 75193
Schulman, J. *see* Zinck, J.J. 82676
Schulman, J.N., De Los Santos, H.J., Chow, D.H. Physics-based RTD current-voltage equation 63543
Schulman, L.J. Coding for interactive communication 66466
Schulman, L.J. *see* Evans, W.S. 66230
Schulman, L.J. *see* Rajagopalan, S. 66467
Schulman, M.B., Bindas, J.A. Evaluation of AC axial magnetic fields needed to prevent anode spots in vacuum arcs between opening contacts 71590
Schulman, M.B., Kirkland Smith, R. Vacuum arc research expands interpretation of test data from vacuum interrupters 81628
Schulte, E. *see* Eckstein, F. 120340
Schulte, E. *see* Yan Yin 100588
Schulte, F. *see* Beccard, R. 103892
Schulte, F. *see* Schmitz, D. 104073
Schulte, R.P. An automatic generation control modification for present demands on interconnected power systems 111472
Schulte, R.W.M. *see* Levy, R.P. 110882
Schulte, W.H. *see* Gialanella, L. 100639
Schulte, W.H. *see* Kubsky, S. 100756
Schulteiss, J. *see* Deis, G. 106719
Schultens, H.A. *see* Schild, D. 101370
Schultheis, R., Hartnagel, H.L., Franzke, B. 3D-finite difference analysis of planar loop couplers as beam electrodes in stochastic cooling systems 89957
Schultheiss, C. *see* Engelko, V. 69671
Schultheiss, M. Digital message processing with client/server architecture in the ATM network 68910
Schultheiss, T. *see* Calvin, H. 106718
Schulthess, G.K.von *see* von Schulthess, G.K.
Schultz, A. *see* Everett, M.E. 96941
Schultz, A.M., Leeb, S.B., Mitwalli, A.H., Jackson, D.K., Verghese, G.C., Shaw, S.R. A multirate digital controller for an electric vehicle battery charger 122046
Schultz, D. *see* Abe, K. 69708
Schultz, D. *see* Abe, K. 69726
Schultz, D. *see* Fawcett, B. 113856
Schultz, D. *see* Fieguth, T. 100708
Schultz, D. *see* Mulhollan, G. 90109
Schultz, D.C. *see* Tang, H. 120118
Schultz, H. Terrain reconstruction from oblique views 77314
Schultz, J., Malzer, S., Kneissl, M., Pfeiffer, U., Kiesel, P., Smith, J.S., Dohler, G.H. Many body effects and charge carrier kinetics studied by electro-optical experiments in type-I hetero n-i-p-i structures with selective contacts 63074
Schultz, J. *see* Deis, G. 106719
Schultz, J.F. *see* Czuchlewski, S.J. 111194
Schultz, J.H. *see* Chaplin, M.R. 106727
Schultz, J.H. *see* Jeong, S. 95578
Schultz, J.H. *see* Pei-Wen Wang 106714
Schultz, J.H. *see* Sangkwon Jeong 106713
Schultz, J.H. *see* Zbasnik, J.P. 106715
Schultz, J.M. *see* Birkmire, R.W. 112370
Schultz, K.I. *see* Kachelmyer, A.L. 79017
Schultz, K.J., Gulak, P.G. Fully parallel integrated CAM/RAM using preclassification to enable large capacities 61903
Schultz, K.J., Gulak, P.G. Multicast contention resolution with single-cycle windowing using content addressable FIFO's 118727
Schultz, L. *see* Hutten, A. 115642
Schultz, L. *see* Parhofer, S.M. 115622
Schultz, L. *see* Schafer, R. 115509
Schultz, M., Heinrichs, F., Merkt, U., Colin, T., Skauli, T., Lovold, S. Rashba spin splitting in a gated HgTe quantum well 105313
Schultz, M.D. *see* Jocic, L.B. 90879
Schultz, P.G. *see* Wei, T. 79674
Schultz, R. *see* Romisch, W. 92550
Schultz, R.D. *see* Sang-Gug Lee 83420
Schultz, R.R., Stevenson, R.L. Motion-compensated scan conversion of interlaced video sequences 66988
Schultz, R.R., Stevenson, R.L. Extraction of high-resolution frames from video sequences 77266
Schultz, R.R. *see* Seung-Jin Choi 90895
Schultz, S. *see* O'Barr, R. 79313
Schultz, S. *see* Suzuki, T. 83299
Schultz, S. *see* Yamamoto, S.Y. 115714
Schultz, W. *see* Carlsen, T.H. 81000
Schultz, W. *see* Greenwood, A. 70845
Schultze, J.W. *see* Ronkel, F. 94576
Schultze, V., Ijsselsteijn, R., Stolz, R., Zakosarenko, V. High T_c SQUIDs for unshielded measuring in disturbed environments 95485
Schulz, A.S. Scheduling to minimize total weighted completion time: performance guarantees of LP-based heuristics and lower bounds 113174
Schulz, C. *see* Abraham, M. 74910
Schulz, D. Improving audio codecs by noise substitution 109277
Schulz, D., Geurtz, A.M. The ASTRA satellite system towards digital DTH services 109595
Schulz, D. *see* Wollweber, J. 82576
Schulz, D.L. *see* Pehnt, M. 104078
Schulz, G. *see* Moser, H.O. 79772
Schulz, H.D. *see* Glass, J. 100978
Schulz, H.J. *see* Kreissl, J. 94354
Schulz, M., Mueller, H.H. Single-electron trapping in sub-μm sized MOSFETs 95016
Schulz, M. *see* Mueller, H.H. 63690
Schulz, P.A. *see* Di Ventra, M. 115262
Schulz, P.A. *see* Rivera, P.H. 74680

Schulz, R., Bachmann, T., Kaiser, U., Glaser, E. Optimum temperature for ion beam induced crystallization of GaAs 105181
Schulz, R. *see* Bachmann, T. 92721
Schulz, R. *see* Chen, B.A. 84579
Schulz, S., Martinez, L., Ross, J.L. Synthesis and characterisation of gallium antimonide nanoparticles: reaction between tris(trimethylsilyl)antimonide and gallium trichloride 103815
Schulz, S. *see* Thiel, A. 109167
Schulz, T. *see* Fretwurst, E. 110546
Schulz, V. *see* Vogt, M. 65917
Schulz-Rojahn, M. *see* Albers, D. 69756
Schulze, A. *see* Bott, K. 62940
Schulze, D., Zanming Wang, Nacke, B. Developing a universal TFIH equipment using 3D eddy current field computation 71939
Schulze, H.-J., Deboy, G. Optical characterization of power devices 84277
Schulze, H.-J., Ruff, M., Baur, B., Pfirsch, F., Kabza, H., Kellner, U. Light triggered 8 kV thyristors with a new type of integrated breakover diode 105929
Schulze, H.-J. *see* Niedernostheide, F.-J. 105861
Schulze, J., Lucking, C., Reich, N., Teuner, D., Mentel, J., Grozeva, M., Mizeraczyk, J. CCRF excited copper-ion-laser 107110
Schulze, J. *see* Di Ianni, M. 86308
Schulze, J. *see* Markov, S. 113215
Schulze, M. *see* Cimrova, V. 116274
Schulze, M.E. *see* Sah, R. 80473
Schulze, R. *see* Badura, E. 69804
Schulze, R. *see* Badura, E. 120203
Schulze, S., Albrecht, I., Benecke, W. Electrical measurements for quality control of bonded silicon-silicon-interfaces 63849
Schulze, S. *see* Hietschold, M. 113333
Schulze, U., Blees, R. Reduction in auxiliary power requirements of 150 MW brown coal-fired power plant units by adaptation of induced-draught fans to modified plant parameters 91338
Schulzgen, A. *see* Henneberger, F. 94523
Schulzrinne, H. Personal mobility for multimedia services in the Internet 78178
Schulzrinne, H. When can we unplug the radio and telephone? 118212
Schulzrinne, H. Dynamic configuration of conferencing applications using pattern-matching multicast 118530
Schulzrinne, H. *see* Busse, I. 78221
Schulzrinne, H. *see* Sisalem, D. 109172
Schumacher, B., Westmoreland, M., Wootters, W.K. Limitation on the amount of accessible information in a quantum channel 66185
Schumacher, B. *see* Hausladen, P. 117118
Schumacher, H. Infra-red soldering from the viewpoint of a base material manufacturer 104933
Schumacher, H., Birk, M., Trasser, A. On-wafer time-domain characterization of microwave devices 83386
Schumacher, H., Gruhle, A., Erben, U., Kibbel, H., Konig, U. A 3 V supply voltage, DC-18 GHz SiGe HBT wideband amplifier 62346
Schumacher, H. *see* Gotzfried, R. 86015
Schumacher, H. *see* Gruhle, A. 83513
Schumacher, J. *see* Josse, F. 84743
Schumacher, K. *see* Oehm, J. 81400
Schumacher, L., Vandendorpe, L. Maximum likelihood joint phase estimators in CDMA communication systems 77695
Schumacher, M. Histograms unravel hidden properties of random and erratic signals 89202
Schumacher, M. *see* Huenger, A. 69838
Schumacher, M.M. *see* Amrhein, M. 68960
Schumacher, P.M. *see* Buhrer, A. 90474
Schumacher, R. *see* Felch, K. 105035
Schumacher, R. *see* Wunsche, M. 61318
Schumann, H. *see* Dadgar, A. 92784
Schumann, K. *see* Kummel, S. 118910
Schumann, M. *see* Neeser, S. 116304
Schumann, R. *see* Jahn, L. 64475
Schumburg, N. *see* Sandberg, J.N. 100735
Schumm, B.A. Extrapolating experience gained with the SLD detector to higher energy and/or luminosity 69801
Schunemann, K. *see* Abou-Elnour, A. 73747
Schunemann, K. *see* Abou-Elnour, A. 93813
Schunemann, K. *see* Abou-Elnour, A. 115232
Schunemann, P.G. Growth of CdGeAs$_2$ for mid- to far-IR frequency conversion 107556
Schuppen, A., Gerlach, S., Dietrich, H., Wandrei, D., Seiler, U., Konig, U. 1-W SiGe power HBTs for mobile communication 93841
Schuppen, A., Konig, U., Gruhle, A., Kibbel, H., Erben, U. The differential SiGe-HBT 63601
Schuppen, A. *see* Behammer, D. 105908
Schuppen, A. *see* Strass, A. 104016
Schuppener, G. *see* Niburg, M. 119218
Schuppert, B., Schmidtchen, J., Splett, A., Fischer, U., Zinke, T., Moosburger, R., Petermann, K. Integrated optics in silicon and SiGe-heterostructures 116096
Schuppler, S. *see* Moser, H.O. 79772
Schur, R., Nishioka, M., Kitamura, M., Watabe, H., Arakawa, Y. Fabrication and optical properties of self assembled InGaAs quantum dots embedded in microcavities 107278
Schurch, E. *see* Fransson, M. 102387
Schurer, M. *see* Cosler, A. 110006
Schurg, S. *see* Touzel, J. 114361
Schurig, J. *see* Schmitt-Thomas, K.G. 114437
Schurman, I.W. Reverberation rejection with a dual-line towed array 68708
Schurman, M. *see* Shul, R.J. 94782
Schurman, M. *see* Yuan, C. 61205
Schurman, M. *see* Yuan, C. 104063
Schurman, M. *see* Zhang, H.Y. 116707
Schurman, M.A. *see* Agrawal, J.P. 112140
Schurman, M.J. *see* Grieshaber, W. 116218
Schurmann, T., Grassberger, P. Entropy estimation of symbol sequences 117112
Schussler, M., Krozer, V., Bock, K.H., Brandt, M., Vecci, L., Losi, R., Hartnagel, H.L. Pulsed stress reliability investigations of Schottky diodes and HBTs 113047
Schussler, M., Krozer, V., Pfeiffer, J., Statzner, T., Lee, W.Y., Hartnagel, H.L. AlGaAs/GaAs anti GaInP/GaAs HBT for high temperature microwave operation 83393
Schussler, M., Statzner, T., Lin, C.I., Krozer, V., Horn, J., Hartnagel, H.L. Electrochemical deposition of Pd, Ti, and Ge for applications in GaAs technology 61309
Schussler, M. *see* Brandt, M. 115118
Schussler, M. *see* Krozer, V. 83526
Schuster, A. A drive-system with a digitally controlled matrix-converter feeding an AC-induction machine 121994
Schuster, A. *see* Schadt, M. 79635
Schuster, G.M., Katsaggelos, A.K. An optimal lossy segmentation encoding scheme 86521
Schuster, G.M., Katsaggelos, A.K. Fast and efficient mode and quantizer selection in the rate distortion sense for H.263 86925
Schuster, J.W., Luebbers, R.J. Finite difference time domain analysis of arbitrarily biased magnetized ferrites 97068
Schuster, K.H. *see* Zugge, H. 119736
Schuster, M. Learning out of time series with an extended recurrent neural network 108215
Schuster, N. *see* Koehler, R. 102807
Schuster, S., Haug, H. Analysis of emission and gain saturation in gain-switched semiconductor lasers 96282
Schuster, S.A. Testing the structural integrity of the Boeing 777 70316
Schuster, T., Kuhn, H., Weisshardt, A., Kronmuller, H., Roas, B., Eibl, O., Leghissa, M., Neumuller, H.-W. Current capability of filaments depending on their position in (Bi,Pb)$_2$Sr$_2$Ca$_2$Cu$_3$O$_{10+\delta}$-multifilament tapes 106674
Schut, H. *see* Clement, M. 84018
Schuth, M. *see* Steinchen, W. 69509
Schuth, M. *see* Steinchen, W. 69519
Schutt-Aine, J.E. *see* Beyene, W.T. 115140
Schutt-Aine, J.E. *see* Oh, K.S. 65936
Schutta, H.S. *see* Bushara, K.O. 80249
Schutten, M.J. *see* Elasser, A. 115184
Schutten, M.J. *see* Vlatkovic, V. 71441
Schutter, J.De *see* De Schutter, J.
Schuttloffel, M.J. Reflecting on teaching and learning issues in distance learning 92073
Schutz, B.E. *see* Kuang, D. 99694
Schutz, B.E. *see* Rim, H.-J. 79073
Schutz, C. *see* Hugli, H. 87146
Schutz, G. *see* Rosenauer, A. 61194
Schutz, H. *see* Sochtig, J. 64780
Schutz, J., Bohr, M. A high performance 0.35 μm 3.3 V BiCMOS technology optimized for product porting from a 0.6 μm 3.3 V BiCMOS technology 63962
Schutz, M. *see* Back, T. 60874
Schutz, Y. *see* Matulewicz, T. 110596
Schutze, H. *see* Zhiyun Ren 66842
Schutze, M. *see* Koster, T. 62812
Schuurmans, F.M. *see* Leguijt, C. 102983
Schuurmans, P. *see* De Moor, P. 69800
Schuwert, P. *see* Axelsson, B. 80504
Schuylenbergh, K.Van *see* Van Schuylenbergh, K.
Schvan, P. *see* Macedo, J. 118767
Schvan, P. *see* Min Liu 105998
Schwaab, G. *see* Boheim, M. 62305
Schwaab, G. *see* Soltau, H. 110553
Schwab, A.J. *see* Badent, R. 95286
Schwab, A.J. *see* Frey, W. 81620
Schwab, A.J. *see* Frey, W. 81621
Schwab, C., Suri, M. The optimal p-version approximation of singularities on polyhedra in the boundary element method 61110
Schwab, D.J. *see* Schaefer, T.M. 62513
Schwab, K., Steinhauer, J., Davis, J.C., Packard, R.E. Fabrication of a silicon-based superfluid oscillator 106257
Schwab, M. *see* Dubbs, T. 100849
Schwab, M.-A. *see* Kondratiev, S.N. 104660
Schwab, M.A. *see* Sharif, M.A. 104662
Schwab, P. *see* Volken, W. 90596
Schwab, S. *see* Lee, C.A. 90839
Schwab, W. *see* Guttich, U. 88235
Schwabe, J. Magnetic dissociation conditions of acceleration of H$^-$, D$^-$ beams on the AIC-144 S cyclotron 69632
Schwabe, M.K. *see* Gatzen, H.H. 64415
Schwabe, R. Model robust experimental design in the presence of interactions: the orthogonal case 92383
Schwabe, R. *see* Gottschalch, V. 61166
Schwabisch, M., Matschke, M., Knopfle, W., Roth, A. Quality assessment of InSAR-derived DEMs generated with ERS tandem data 111148
Schwabisch, M. *see* Coltelli, M. 111083
Schwabisch, M. *see* Lanari, R. 111161
Schwalbach, P. *see* Abbas, K. 101002
Schwall, R.E. *see* Gamble, B.B. 95395
Schwall, R.E. *see* Lue, J.W. 95540
Schwalm, D. *see* Kleffner, C.-M. 89724
Schwander, T., Feifel, T., Panzlaff, K. MBE-grown Al$_x$In$_{1-x}$As/Ga$_y$In$_{1-y}$As/InP-electroabsorption modulators with enhanced Stark-effect 95836
Schwandner, A. *see* Gortler, A. 62652
Schwandner, A. *see* Gortler, A. 71563
Schwandner, A. *see* Gortler, A. 114499
Schwandt, F. *see* Albers, D. 69756
Schwandt, P. *see* Caussyn, D.D. 119984
Schwandt, P. *see* Crandell, D.A. 100780
Schwandt, P. *see* Phelps, R.A. 119990
Schwank, J.R. *see* Shaneyfelt, M.R. 74742
Schwank, J.R. *see* Shaneyfelt, M.R. 106021
Schwank, J.R. *see* Warren, W.L. 63171
Schwart, J., Sherman, R. Process and machine mastering employing WF-710 wafer inspection system 112983
Schwarte, H. On weak convergence of probability measures, channel capacity and code error probabilities 97554
Schwarte, H., Sadowsky, J.S. Revisiting the Huber-Strassen minimax theorem for capacities 66221
Schwarte, R. *see* Heide, P. 89506
Schwarte, R. *see* Heinol, H. 75588
Schwarte, R. *see* Heinol, H. 117810
Schwarte, R. *see* Xu, Z. 79344
Schwarte, R. *see* Xu, Z. 117809
Schwartsglass, O. *see* Agranat, A.J. 114169
Schwartz, B. *see* Sauer, K. 117588
Schwartz, B.J. *see* Hide, F. 96212
Schwartz, D.B., Chun, C.K.Y., Foley, B.M., Hartman, D.H., Lebby, M., Lee, H.C., Chan Long Shieh, Kuo, S.M., Shook, S.G., Webb, B. A low-cost high-performance optical interconnect 96052
Schwartz, D.B. *see* Lebby, M. 99511
Schwartz, D.B. *see* Lebby, M. 116286
Schwartz, D.T. *see* Medina, J.A. 61313
Schwartz, D.T. *see* O'Regan, B. 114848
Schwartz, E.L. *see* Bonmassar, G. 86419
Schwartz, E.L. *see* Gormish, M.J. 86754
Schwartz, J. *see* Eichler, H.J. 116610
Schwartz, J. *see* Markiewicz, W.D. 95537
Schwartz, J.A. *see* Brown, M.R. 70414
Schwartz, J.S. *see* Langlotz, C.P. 111011
Schwartz, M. *see* Chen, J. 99177
Schwartz, M. *see* Mai-Huong Nguyen 109168
Schwartz, M. *see* Naghshineh, M. 68086
Schwartz, M. *see* Naghshineh, M. 88333
Schwartz, M. *see* Patel, B.V. 87366
Schwartz, M. *see* Pejhan, S. 77762
Schwartz, M. *see* Pejhan, S. 108742
Schwartz, M. *see* Shroff, N. 87333
Schwartz, M. *see* Shroff, N. 109159
Schwartz, P.D. *see* Stott, D.D. 90688
Schwartz, R. Guide to mass determination with high accuracy 89525
Schwartz, R. *see* Nimberger, A. 112191
Schwartz, R. *see* Pearton, S.J. 94876
Schwartz, R.G. *see* Pearton, S.J. 92725
Schwartz, R.J. *see* Gray, J.L. 112362
Schwartz, R.N. *see* MacKenzie, J.D. 113287
Schwartz, R.W. *see* Tuttle, B.A. 92791
Schwartz, S.C. *see* Huang, H.C. 68125
Schwartz, T.R. *see* Nichols, D.K. 63854
Schwartz, W. *see* Kolumban, G. 119585
Schwartzenberg, J.W., De Doncker, R.W., Maranto, J.A., Eudy, W.T. 15 kV medium voltage subcycle transfer switch "switching megawatts in microseconds" 91679
Schwartzenberg, J.W., Nwankpa, C.O., Fischl, R., Rosen, A., Gilbert, D.B., Richardson, D. Steady state characterization of an optically controlled p-i-n diode for low frequency switching under front/back illumination 75729
Schwartzglass, O., Agranat, A.J. VLSI implementation of pulsating neural networks 63753
Schwartzkopff, M. *see* Radojkovic, P. 63121
Schwartzkopff, M. *see* Radojkovic, P. 105469
Schwarz, A.S. *see* Mours, B. 100821
Schwarz, A.S. *see* Mours, B. 120196
Schwarz, C., von Kanel, H. Tunable infrared detector with epitaxial silicide/silicon heterostructures 79411
Schwarz, Ch.J. *see* Brehmer, D.E. 63561
Schwarz, G. Introduction of radio remote control technology in a regional electricity supply undertaking 90976
Schwarz, G., Prengel, F., Scholl, E., Kastrup, J., Grahn, H.T., Hey, R. Electric field domains in intentionally perturbed semiconductor superlattices 94491
Schwarz, G. *see* Litscher, G. 90494
Schwarz, G. *see* Litscher, G. 110718
Schwarz, H. *see* Corredoura, P. 100604
Schwarz, H. *see* Neubauer, M. 100686
Schwarz, H. *see* Pendleton, R. 100685
Schwarz, H. *see* Rimmer, R.A. 100661
Schwarz, H. *see* Wienands, U. 79958
Schwarz, J. *see* Brumshagen, H. 80921
Schwarz, K. Finite-wordlength effects in the fast convolution 73564
Schwarz, K.-P. *see* Zhang, Q.J. 68764

Schwarz, K.-P. *see* Zuofa Li 65832
Schwarz, M., Hosticka, B.J., Hauschild, R., Mokwa, W., Scholles, M., Trieu, H.K. Hardware architecture of a neural net based retina implant for patients suffering from retinitis pigmentosa 110928
Schwarz, M. *see* Feugnet, G. 96194
Schwarz, R., Grebner, S., Popovic, P., Wang, F. Photocurrent response times in amorphous silicon thin film transistors 94973
Schwarz, R. *see* Conde, J.P. 114720
Schwarz, R. *see* Eiche, C. 80143
Schwarz, R. *see* Harasymiv, I. 93095
Schwarz, R. *see* Koynov, S. 92887
Schwarz, R. *see* Laasch, M. 92669
Schwarz, R. *see* Popovic, P. 75688
Schwarz, R. *see* Sieber, I. 94320
Schwarz, R. *see* Wang, F. 94240
Schwarz, R.B. *see* Kumar, M.P.S. 71651
Schwarz, R.B. *see* Wasz, M.L. 112297
Schwarz, T. *see* Pan, T. 115713
Schwarz, W. *see* Bohme, F. 86021
Schwarz, W. *see* Feldmann, U. 117109
Schwarzacher, W., Lashmore, D.S. Giant magnetoresistance in electrodeposited films 84819
Schwarzband, I. *see* Fainguelernt, J. 100268
Schwarzbek, S. *see* Silver, A. 93198
Schwarzfischer, St. *see* Hansen, O. 91356
Schwarzjirg, H. *see* Ebert, A. 70761
Schwarzmuller, M. UHF control circuits for use in motor cars 122060
Schweber, B. Testing the telephony interface 67694
Schweber, B. Reference designs reshape design engineering 84514
Schweber, B. Antennas: critical links in the wireless signal chain 97296
Schweeger, G. *see* Aller, I. 89027
Schweeger, G. *see* Bellone, S. 84462
Schweeger, G. *see* Cocorullo, G. 63611
Schweiberger, P. *see* Hanssler, R. 85884
Schweicher, E. *see* Piette, M. 68687
Schweickert, H. *see* Moser, H.O. 79772
Schweiger, A.J. *see* Key, J.R. 120763
Schweikert, H. *see* Kashikhin, V. 90059
Schweikert, R. *see* Hoeher, P. 88800
Schweikert, R. *see* Woerz, T. 76758
Schweitz, J.-A. *see* Hjort, K. 74942
Schweitz, J.-A. *see* Thornell, G. 84651
Schweitzer, H., Krishnan, R. Structure from multiple 2D affine correspondences without camera calibration 86391
Schweitzer, J.S. *see* Naud, J.D. 75710
Schweitzer, T. *see* Pawluk, K. 121483
Schweizer, H. *see* Adler, F. 114784
Schweizer, H. *see* Ernst, P. 62711
Schweizer, H. *see* Gauggel, H.-P. 65254
Schweizer, H. *see* Haase, D. 114634
Schweizer, H. *see* Hofmann, R. 116467
Schweizer, H. *see* Jian Wang 85478
Schweizer, H. *see* Jian Wang 107297
Schweizer, J. A stochastic approach to spread spectrum communication using chaos 67511
Schweizer, M. *see* Mantei, T.D. 72868
Schweizer, M. *see* Zheng, J.G. 74278
Schweizer, R.C. *see* Sherry, W.M. 119228
Schweizer, T., Hewak, D.W., Samson, B.N., Payne, D.N. Spectroscopic data of the 1.8-, 2.9-, and 4.3-µm transitions in dysprosium-doped gallium lanthanum sulfide glass 116418
Schwelb, O. *see* Frigyes, I. 85168
Schwemling, P. *see* Mours, B. 100821
Schwemling, P. *see* Mours, B. 120196
Schwendiman, G.L. *see* Mincher, B.J. 120561
Schwendimann, P. *see* Stanley, R.P. 62860
Schwendner, H. *see* Mahr, P. 88852
Schwendtner, M.F. Technological developments in electricity metering and associated fields 100175
Schwenk, J., Eisfeld, J. Public key encryption and signature schemes based on polynomials over Z_n 76820
Schwentner, N. *see* Streller, U. 84143
Schwentner, N. *see* Streller, U. 94786
Schweppe, J.E. *see* Hudson, L.T. 120388
Schwer, K. *see* Stoker, C.R. 90821
Schwerdtfeger, C.R. *see* Wang, T.H. 92774
Schwerdtfeger, C.R. *see* Wang, T.H. 103845
Schwering, F. *see* Choon Sae Lee 108060
Schwering, P. Atmospheric effects on FPAs in IRSTs 70578
Schwerndtner, M.F. Digital measurement system for electricity meters 102072
Schwertberger, W. Autonomous intelligent cruise control in commercial vehicles 100315
Schwertlein, F. *see* Lenz, M. 82914
Schwesinger, N., Bartsch, H., Moller, F. Deposition of thick zinc oxide films with a high resistivity 72895
Schwesinger, N., Frank, T. A static micromixer built up in silicon 74986
Schwetje, D. *see* Petri, B. 78108
Schwetje, O., Scheffler, D., Meissner, D., Kastening, B., Memming, R. Light-induced metal deposition on TiO_2 – single crystals and polycrystalline layers 63452
Schwettman, H.A. Challenges at FEL facilities: The Stanford Picosecond FEL Center 107396
Schwettman, H.A., Smith, T.I., Swent, R.L. The Stanford picosecond FEL center 107402
Schwichow, H. *see* van der Kooij, M.W.A. 111080
Schwickerath, A.N.A., Beveridge, J.R. Object to multisensor coregistration with eight degrees of freedom 77134
Schwider, J. Achromatic design of holographic optical interconnects 65567
Schwider, J., Zhou, L. Dispersive interferometric profilometer 79333
Schwider, J. *see* Dresel, T. 85755
Schwider, J. *see* Dresel, T. 96833
Schwider, J. *see* Falkenstorfer, O. 116748
Schwiebert, M.K., Leong, W.H. Underfill flow as viscous flow between parallel plates driven by capillary action 83660
Schwiegershausen, M., Kropp, H., Pirsch, P. A system level HW/SW partitioning and optimization tool 113870
Schwierz, F., Rosserg, M., Nuernbergk, D., Schipanski, D., Forster, H., Liou, J.J. An improved velocity overshoot model for submicron-gate MESFETs 115231
Schwierz, F. *see* Baumann, U. 105264
Schwierz, F. *see* Forster, H. 94940
Schwierzi, B. *see* de Nivelle, M.J.M.E. 101555
Schwind, G.A. *see* Magera, G.G. 73946
Schwindt, R., Nguyen, C. Generalized scattering parameters for two coupled transmission-line structures in an inhomogeneous medium 97215
Schwitters, R. *see* Krizan, P. 69746
Schwitters, R. *see* Krizan, P. 100843
Schwnab, G. *see* Brauninger, H. 90702
Schwob, C., Richy, C., Fabre, C. Compressed light spectroscopy 76204
Schwob, J.L. *see* Baer, A. 75804
Schwob, J.L. *see* Skinner, C.H. 100110
Schwoebel, P.R. *see* Spindt, C.A. 74005
Schwoebel, P.R. *see* Spindt, C.A. 83743
Schwoecker, D. *see* Kaplan, A.F.H. 96851
Schwoerer, L. *see* Blume, H. 67119
Schwoerer, M. *see* Herold, M. 72967
Schworer, M. *see* Wallrabe, U. 111827
Schwuchow, A. *see* Kirchhof, J. 75864
Schyler, D.J. *see* Gene-Jack Wang 90291
Schyndel, R.G.van *see* van Schyndel, R.G.
Schyns, E. *see* Adam, W. 69709
Scialom, G. *see* Xiankang Dou 120744
Scianca, R. Optical ribbon splicing: Influence of ribbon geometrical parameters on high splice loss 95671
Scianca, R. Fibre cracks and pistoning in an optical connector exposed to severe thermal cycles 99465
Sciascio, E.Di *see* Di Sciascio, E.
Scibisz, M. High voltage application to dust filtrate 76353
Scielzo, C. *see* Gill, A. 90597
Scifres, D.R. *see* Dzurko, K.M. 65310
Scifres, D.R. *see* Lang, R.J. 75995
Scifres, D.R. *see* Verdiell, J.-M. 109610
Scinto, D. *see* Ferrandi, F. 83076
Sciorpes, A. *see* Argenti, F. 66823
Sciortino, P.F. *see* Park, Y.K. 99577
Sciortino, P.F., Jr. *see* Morton, P.A. 65369
Sciortino, P.F., Jr. *see* Morton, P.A. 107235
Sciortino, P.F., Jr *see* Tanbun-Ek, T. 78822
Sciortino, P.F., Jr. *see* Tanbun-Ek, T. 119235
Scipione, F. *see* Gitkind, N. 75609
Scire, A. *see* Annovazzi-Lodi, V. 65348
Scire, F. *see* Silver, R. 115067
Sciuto, D. *see* Balboni, A. 93226
Sciuto, D. *see* Baresi, L. 113683
Sciuto, D. *see* Buonanno, G. 83030
Sciuto, D. *see* Buonanno, G. 93255
Sciuto, D. *see* Ferrandi, F. 93298
Sciuto, D. *see* Ferrandi, F. 113882
Sciuto, S.A. *see* Cappa, P. 69518
Sciutti, A. *see* Ariante, M. 95405
Sciutto, G. *see* Cosulich, G. 91904
Sciuva, M.Di *see* Di Sciuva, M.
Sciver, S.Van *see* Van Sciver, S.
Sciver, S.W.Van *see* Van Sciver, S.W.
Sckunemann, E. *see* Judaschke, R. 83407
Sclabassi, R.J. *see* Mingui Sun 80180
Sclabassi, R.J. *see* Mingui Sun 110835
Sclabassi, R.J. *see* Simon, R. 87857
Sclabassi, R.J. *see* Simon, R. 98847
Sclabassi, R.J. *see* Tsui, F.-C. 90288
Sclafani, C. *see* Caddemi, A. 114276
Sclove, R.E. Toward a comprehensive democratic politics of technology 92364
Scobel, W. *see* Albers, D. 69756
Scobel, W. *see* Ban, J. 69810
Scobey, M.A., Spock, D.E. Passive DWDM components using MicroPlasma optical interference filters 88048
Scofield, J. *see* Liu, S. 105474
Scolamiero, L. *see* Di Fausto, M. 66019
Scoles, D.L., Hayden, J.W., Pickett, D.F., Jr., Rao, G.M. The status of qualification of a new separator system for advanced aerospace battery cells 90718
Scollay, R. Static testing of motor windings 121424
Scollo, G. *see* Salibra, A. 82514
Scomazzon, P., Andersson, R. SWIFT EU 1197 — a multi-applicative services using a high rate data system implemented in the terrestrial FM radio network 88814
Sconza, A. *see* Autiero, D. 69815
Sconza, A. *see* Autiero, D. 80006
Scoones, K. *see* Bayer, E. 63966
Scopelliti, L. *see* Bastida, E.M. 62275
Scopina, V.I. *see* Timofeev, F.N. 63320
Scopinaro, F. *see* de Notaristefani, F. 110698
Scordilis, M.S. A neuronal formant synthesizer 76849
Scordilis, M.S., Gowdy, J.N. A neural network-based control strategy for a speech formant synthesizer 76842
Scorrano, G. *see* Bozio, R. 107541
Scorzoni, A., De Munari, I., Balboni, R., Tamarri, F., Garulli, A., Fantini, F. Resistance changes due to Cu transport and precipitation during electromigration in submicrometric Al-0.5%Cu lines 115028
Scorzoni, A., De Munari, I., Stulens, H., D'Haeger, V. Non-linear resistance behavior in the early stages and after electromigration in Al-Si lines 84204
Scorzoni, A. *see* Morgan, S. 115016
Scott, A. *see* Shepherd, D. 118638
Scott, A.M., Jones, D.C., Ridley, K.D., Cook, G. Phase conjugation of weak signals 65447
Scott, A.M. *see* Ridley, K.D. 65493
Scott, B. *see* Raubenheimer, T. 89853
Scott, B. *see* Raubenheimer, T.O. 89662
Scott, B.D. Optimising compressed video satellite link budgets for reception at the margins 119114
Scott, B.F. *see* Budgett, D.M. 98289
Scott, B.F. *see* Sharp, J.H. 75403
Scott, C. *see* Numajiri, K. 104155
Scott, C.G. *see* Ashenford, D.E. 81888
Scott, D. *see* Ma, B.M. 115507
Scott, D.C. *see* Chang, Y. 97381
Scott, D.J. *see* Darr, D. 121803
Scott, D.W., Ma, B.M., Liang, Y.L., Bounds, C.O. Microstructural control of NdFeB cast ingots for achieving 50 MGOe sintered magnets 64251
Scott, D.W., Ma, B.M., Liang, Y.L., Bounds, C.O. The effects of average grain size on the magnetic properties and corrosion resistance of NdFeB sintered magnets 64312
Scott, D.W. *see* Liu, W.L. 75141
Scott, D.W. *see* Whittaker, G. 103546
Scott, F.D. *see* Madison, M.R. 115788
Scott, G. *see* Karnett, M. 106208
Scott, H.L. *see* Clark, M.M. 113454
Scott, J., Kelly, J., Leembruggen, G. New method of characterizing driver linearity 79191
Scott, J., Sayed, M., Schmidtz, P., Parker, A. Pulsed-bias/pulsed-RF device measurement system requirements 69005
Scott, J. *see* Bernadas, S. 79200
Scott, J. *see* Parker, A. 100294
Scott, J. *see* Swirhun, S. 119223
Scott, J.A. *see* Jones, S. 89177
Scott, J.B. *see* Webster, D.R. 73732
Scott, J.E., Rothenflue, J.A., Latham, W.P., Kar, A. The use of a chemical oxygen-iodine laser for high speed cutting of thick stainless steel 107636
Scott, J.E. *see* Kar, A. 96100
Scott, J.F., Ross, F.M., De Araujo, C.A.P., Scott, M.C., Huffman, M. Structure and device characteristics of $SrBi_2Ta_2O_9$-based nonvolatile random-access memories 113944
Scott, J.H. *see* Gallagher, K. 115578
Scott, J.W. *see* Herrick, R.W. 96312
Scott, K. The direct methanol fuel cell 81732
Scott, K., Bambos, N. The self-organizing wireless network (SWAN) protocol for communication among mobile users 78457
Scott, K. *see* Wright, J. 88741
Scott, L.J. The role of the Engineering Education Scheme in England 60495
Scott, M. *see* Ciorau, P. 90856
Scott, M. *see* Spencer, T.A. 62633
Scott, M.C. *see* Scott, J.F. 113944
Scott, M.L. *see* Michael, M.M. 92409
Scott, N.A. *see* Stubenrauch, C.J. 90800
Scott, N.A. *see* Stubenrauch, C.J. 90801
Scott, P. *see* De Moor, G. 108130
Scott, P.A. *see* McLeod, R.D. 73048
Scott, R.N. *see* Parsa, V. 90547
Scott, R.P., Bennett, C.V., Kolner, H. Simultaneous AM and harmonic FM mode-locking of a Nd:YAG laser 116463
Scott, R.S., Dumin, N.A., Hughes, T.W., Dumin, D.J., Moore, B.T. Properties of high-voltage stress generated traps in thin silicon oxide 75004
Scott, R.S. *see* Gladstone, S.M., IV 75005
Scott, R.S. *see* Runnion, E.F. 93389
Scott, R.T. *see* Swenson, C.A. 91851
Scott, S. *see* Lim, B.W. 97286
Scott, S.A. *see* Narayana, S.M. 113068
Scott, S.C. *see* Narayana, S.M. 86292
Scott, S.W.C., Strohschein, J.D., Seguin, H.J.J., Capjack, C.E., Reshef, H.W. Optical performance of a burst-mode multikilowatt CO_2 laser 107077
Scott, T.S. *see* Ziegler, J.F. 72394
Scott, V.A., Tarassenko, L., Glynn, C.J., Hill, A.R. Contact lens oximetry: a valid concept? 80372
Scott, W.R., Jr. *see* Humbert, W.R. 79652
Scott-Thomas, J. *see* D'Iorio, M. 62911
Scottedward Hodel, A., Misra, P. Solution of under-determined Sylvester equations in sensor array signal processing 117417
Scotti, G. *see* Minoni, U. 116787
Scotti, R.E. *see* Gates, J.V. 72294
Scotti, S., Mecozzi, A. Frequency converters based on FWM in traveling-wave optical amplifiers: theoretical aspects 85704
Scotti, S. *see* Mecozzi, A. 96679
Scozzafava, R. *see* Coletti, G. 82408

Scozzie, C.J., McGarrity, J.M., Blackburn, J., DeLancey, W.M. Silicon carbide FETs for high temperature nuclear environments 82909
Scozzie, C.J. *see* McGarrity, J.M. 95061
Scrilev, A.S. *see* Baklanov, A.I. 100093
Scroggie, A.J. *see* Firth, W.J. 107575
Scrosati, B. *see* Clemente, A. 114342
Scudder, L.P., Hutchins, D.A., Ningqun Guo Laser-generated ultrasonic guided waves in fiber-reinforced plates–theory and experiment 104203
Scuka, V. *see* Roman, F. 75013
Sculley, S., Fiez, T. Digital comb filter implementation for the ΠΔΣ A/D converter 114135
Sculley, T.L. *see* Itani, N.R. 104384
Sculley, T.L. *see* Mehr, I. 93570
Scullin, W.H. *see* Lamm, S.E. 77965
Scully, J.R. *see* Frankel, G.S. 74595
Scully, M.O. *see* Zibrov, A.S. 96116
Scully, P.J. *see* Deboux, B.J.-C. 69561
Scuri, F. *see* Botner, O. 69728
Scuri, F. *see* Cossutti, F. 69730
Scurlock, R.G. *see* Yang, Y. 106671
Scuse, D. *see* Forkheim, K.E. 80184
Scuttari, A. *see* Andriollo, M. 103099
Scyoc, J.M.Van *see* Van Scyoc, J.M.
Scyoc, J.Van *see* Van Scyoc, J.
Se, K.P. *see* Feng, Z.C. 72779
Se Il Park *see* Kyu-Tae Kim 109976
Se Woo Cheon Development of expert systems for nuclear power plants in Korea 102367
Se-Chul Chu, Jung-Hun Oh, Chang-Bok Lee, Young-Wook Kim, Ki-Doo Kim A study on the improvement of DGPS positioning accuracy using a Kalman filtering method 99691
Se-Il Park *see* Jin-Yeol Do 110398
Se-Jin Ahn *see* Jong-Woo Shin 74974
Se-Kyoung Park *see* Sung-Chan Ko 78611
Se-Yong Oh *see* Seung-Ho Ahn 82212
Se-Yong Oh *see* Seung-Ho Ahn 115017
Se-Young Oh *see* Soo-Kyuk Nam 98045
Se-Yun Kim E-polarized diffraction coefficients for a perfectly conducting wedge based on dual integral equations. I. Exact solution 65829
Se-Yun Kim E-polarized diffraction coefficients for a perfectly conducting wedge based on dual integral equations. II. Correction to physical optics solution 65865
Se-Yun Kim *see* Taek-Kyung Lee 97064
Seabaugh, A. *see* Randall, J. 115330
Seabaugh, A.C. *see* Broekaert, T.P.E. 105875
Seabury, C.W., Cheung, J.T., Kobrin, P.H., Addison, R., Havens, D.P. High performance microwave air-bridge resonators 106467
Seabury, C.W. *see* McDermott, B.T. 63615
Seager, C.H., Anderson, R.A. Charge state control of hydrogenation in silicon 83973
Seager, C.H., McIntyre, D.C., Warren, W.L., Tuttle, B.A. Charge trapping and device behavior in ferroelectric memories 64169
Seager, C.H. *see* Kowalczyk, T.C. 75399
Seager, C.H. *see* Myers, S.M. 114884
Seager, J.S. *see* Kassen, W.R. 102385
Seagle, D.J., Christensen, E.R., Kahwaty, V.N. Spontaneous micromagnetic oscillation in a thin-film head 115736
Seagle, S.R. The state of the USA titanium industry in 1995 113508
Seah, P.H., Gurcan, M.K. Design and characterisation of partial response decision feedback equaliser 87266
Seah Hock Soon *see* Hock Soon Seah
Seales, W.B. Continuous media and machine vision distributed, active stereo reconstruction 86716
Seals, R.C. Designing digital systems using genetic algorithms 93265
Seals, R.C. Motion control of an unmanned vehicle using stored video images 97955
Sealy, B.J. *see* Harry, M.A. 94686
Sealy, L. *see* Priolo, F. 94710
Sealy, P.J., Lorbeck, J.A., Vernon, R.J. Using corrugated fins to decrease the beamwidth of the radiation pattern from a Vlasov launcher 62596
Seamarks, N. An introduction to application specific integrated circuits (ASICs) 61698
Seano, V. *see* Delpiano, F. 99461
Seara, R. *see* Lamar, M.V. 97446
Seara, R. *see* Mayer, J. 93630
Seara, R. *see* Soares, F.A.P. 98113
Seara, R. *see* Tobias, O.J. 72340
Seara, R. *see* Tobias, O.J. 97980
Searle, M.D. *see* Johnson, R. 67953
Searle, S.R. An overview of variance component estimation 92388
Searle, T.M. *see* Weaver, M.S. 75753
Searles, C. Powering the network: DC power in new network environments 98536
Searles, S., Pulfrey, D.L. The influence of a transverse-effective-mass difference on the current at an abrupt heterojunction 62805
Sears, A.L., Watkins, S.E. A multimedia manual on the World Wide Web for telecommunications equipment 112754
Sears, B.R. *see* Allbritton, G.L. 80079
Sears, B.R. *see* Allbritton, G.L. 100826
Sears, J. *see* Padamsee, H. 100471
Sears, J. *see* Pisharody, M. 100658
Sears, W.M., McIntyre, S.M. Impurity band conductance through oxygen vacancy donor states in bismuth iron molybdate 74296
Searson, P.C. *see* Killian, J.G. 112290
Searson, P.C. *see* Oskam, G. 114560
Searson, P.C. *see* Oskam, G. 114908
Seas, A., Christofides, C. Photopyroelectric spectroscopy in the presence of an air gap transparent phase-shifter 79418
Seassal, C., Leclercq, J.L., Letartre, X., Gagnaire, A., Gendry, M., Viktorovitch, P., Laine, J.P., Sidoroff, F., Ledantec, R., Benyattou, T., Guillot, G. Micromachined structures for vertical microelectrooptical devices on InP 106857
Seassal, C., Leclercq, J.L., Viktorovitch, P. Fabrication of InP-based freestanding microstructures by selective surface micromachining 74928
Seater, R., Van Waasen, St., Peters, D., Auer, U., Brockerhoff, W., Tegude, F.J. A new temperature noise model of HFET with special emphasis on a gate-leakage current and investigation of the bias dependence of the equivalent noise sources 104823
Seaton, J. Getting systems onto printed circuit assemblies 83583
Seave, R. *see* Desilva, M. 63973
Seave, R.J. *see* Tasker, G.W. 74082
Seaver, M.M. *see* Lyons, W.G. 93777
Seawright, A., Holtmann, U., Meyer, W., Pangrle, B., Verbrugghe, R., Buck, J. A system for compiling and debugging structured data processing controllers 113671
Seba, P. Random matrix theory and mesoscopic fluctuations 74420
Seba, P. *see* Albeverio, S. 114741
Seba, P. *see* Exner, P. 116970
Seba, P. *see* Haake, F. 107992
Sebak, A. *see* Hussein, M. 76500
Sebak, A. *see* Hussein, M. 97315
Sebak, A. *see* Ouda, M. 73820
Sebald, G. *see* Haas, M. 109868
Sebastian, A. *see* Marques, A. 91839
Sebastian, J., Villegas, P., Nufio, F., Garcia, O., Arau, J. Improving dynamic response of power factor preregulators by using two-input high-efficient post-regulators 121719
Sebastian, J., Villegas, P., Nuno, F., Hernando, M.M. Very efficient two-input DC-to-DC switching post-regulators 121645
Sebastian, J. *see* Beister, G. 65175
Sebastian, J. *see* Beister, G. 96380
Sebastian, J. *see* Erbert, G. 96313
Sebastian, J. *see* Garcia, O. 121624
Sebastian, J. *see* Simonetti, D. 121781
Sebastian, J.L. *see* Munoz, S. 83395
Sebastian, J.L. *see* Munoz, S. 93829
Sebastian, J.S. *see* Swart, H.C. 95964
Sebastian, M.T. *see* Solomon, S. 114226
Sebastian, M.T. *see* Sreemoolanadhan, H. 72957
Sebastian, P.J., Martinez, M., Eapen, D., Solorza, O., Savadogo, O. Hydrogen energy and fuel cells: a recent R&D program in Mexico 91722
Sebastian, P.J., Narvaez, J., Sanchez, A. Chemical vapour transport by gas (CVTG): optimization of the system for CdS thin film deposition 61411
Sebastian, P.J. *see* Fernandez, A.M. 81893
Sebastian, R. *see* Barry, R.E. 110033
Sebastian, S., Sunder, S.B. Fuzzy groups and group homomorphisms 92468
Sebastian, T. *see* Vyas, R. 111900
Sebastian, V. *see* Poveda, J. 99420
Sebastiani, G., Godtliebsen, F., Jones, R.A., Haraldseth, O., Muller, T.B., Rinck, P.A. Analysis of dynamic magnetic resonance images 80265
Sebastiani, G. *see* Del Bravo, R. 121378
Sebban, S. *see* Rus, B. 116314
Sebek, J., Hettel, R., Matheson, R., Ortiz, R., Wachter, J. SSRL beam position monitor detection electronics 100551
Sebek, J. *see* Hettel, R. 100619
Sebek, J. *see* Skrbek, L. 69111
Seberry, J. *see* Hardjono, T. 98698
Sebestyen, H. *see* Vadasz, D. 69437
Sebestyen, I. *see* Gyimothy, S. 96911
Sebille, D. *see* Khatir, Z. 63647
Sebko, V.P., Gorkounov, B.M., Sirenko, N.N. Multifunctional electromagnetic transducer for robot 99904
Sebko, V.P., Gorkounov, B.M., Sirenko, N.N., Nguen Gui Khien The intelligent manipulator for mechanical operations and non-destructive control of different configurations articles 99913
Sebo, A. *see* Marcus, K. 103769
Sebo, A. *see* Novick, B. 113172
Sebo, E.A., Sebo, S.A. Public reaction to power frequency electric and magnetic field (EMF) effects 92109
Sebo, S.A. *see* Qin Yu 116938
Sebo, S.A. *see* Sebo, E.A. 92109
Sebo, S.A. *see* Yu, Q. 121550
Sebo, S.A. *see* Zhao, T. 91165
Seccia, L., Iannucci, A.M., Santopuoli, N., Vernia, B. Early pixels [mosaics restoration] 117749
Seccia, L., Ianucci, A.M., Santapuoli, N., Vernia, B. The mosaics of St. Apollinare Nuovo 86307
Secerov, E., Popovic, M., Kovacevic, V. Heuristic method for dimensioning processing elements in stored program telephone exchange 99015
Secerov, E., Popovic, M., Svircevic, S. Middle level of control for call processing protocol in telephone exchanges 99009
Sechen, C. *see* Guan, B. 113864
Sechen, C. *see* Qicheng Yu 95166
Sechen, C. *see* Qicheng Yu 113658
Sechen, C. *see* Roy, K. 113645
Sechen, C. *see* Roy, K. 113646
Secher, S. *see* Vanfleteren, J. 114472
Sechovsky, V., Havela, L., Nakotte, H., Bruck, E. Giant magnetoresistance in intermetallics 115641
Sechrest, S. *see* Feng, W.-C. 86563
Sechrest, S. *see* Wu-Chi Feng 99784
Secker, D.A., Prince, J.L. Effects and modeling of simultaneous switching noise for BiCMOS off-chip drivers 95212
Seco, A. *see* Macarico, A. 92906
Seco, J. *see* Girard, T.A. 80093
Seco, J. *see* Madrenas, J. 104770
Seco, J.J.Lamas *see* Lamas Seco, J.J.
Secord, N.P. *see* Esmaeili, M. 66422
Secretan, H. *see* Loddo, S. 90725
Sedaghat, A. *see* Smith, J.A. 70022
Sedano, H., Sauron, A., Martinet, L., Alengrin, G. Radar tracks initiation based on neural network and detection attributes 68673
Sedano, H. *see* Cassassolles, E. 109705
Seddik, U. *see* Brauksiepe, S. 100815
Sedding, H.G. *see* Kapler, J. 71217
Seddon, K. *see* Tompkins, H.G. 62668
Seddon, N. *see* Anderson, N.C. 106973
Sedeek, A. *see* Arafa, B.A. 102201
Sedelnikov, J.E. *see* Akishin, B.A. 66026
Sedeno, A. *see* Caballero, P. 86053
Sedillo, R. *see* Spencer, T.A. 62633
Sedlacek, J.H.C. *see* Rothschild, M. 105752
Sedlacik, R. *see* Kocka, J. 94293
Sedlacik, R. *see* Oswald, J. 94310
Sedlak, B. *see* Borisov, N.S. 120104
Sedlar, M., Paulicka, I., Sayer, M. Optical fiber magnetic field sensors with ceramic magnetostrictive jackets 110179
Sedlar, M., Sayer, M. Study of electrical properties of rapid thermally processed lead iron niobate films synthesized by a sol gel method 84693
Sedlar, M., Sayer, M., Amm, D.T. Leakage current in rapid thermally processed lead iron niobate films synthesized by a sol gel method 84692
Sedlyarov, I. *see* Gorniker, E. 100510
Sedlyarov, I. *see* Veshcherevich, V. 100509
Sedlyarov, I.K. *see* Vinokurov, N.A. 96552
Sedman, Ch. *see* Shmigol', I.N. 121338
Sedmidubsky, D. *see* Hejtmanek, J. 106657
Sedoi, V.S. *see* Korostelev, A.F. 121562
Sedov, A. *see* Lerch, T.P. 90862
Sedra, A.S. *see* Jantzi, S.A. 104411
Sedrakyan, A.G. *see* Haroutyunyan, V.S. 105583
Sedukhin, A.G., Churin, E.G. Reshaping a tilty-incident Gaussian laser beam 65416
Sedykh, S.N. *see* Kaminsky, A.K. 96513
Sedykh, Yu. *see* Ajinenko, I. 90197
See, B.A. Mathematical modelling of an Nd:YAG laser: peak power and pulse width 116422
See, J.B. *see* Cook, S.M. 112259
See, S.K., Yoon, T.S., Kim, K.B. Shadow-mask thermal deformation and beam-landing shift 89399
See Chong Meng Samson *see* Chong Meng Samson See
See Leng Kian *see* Vaya, P.R. 76028
See Ng Geok *see* Ng Geok See
See-Hyung Lee, Noh, T.W., Jai-Hyung Lee Dependence of electro-optic effects on the orientations of epitaxial $LiNbO_3$ films 92767
Seebauer, E.G. *see* Southwell, R.P. 61409
Seebauer, E.G. *see* Southwell, R.P. 82727
Seeber, B. *see* Horvath, I.L. 100267
Seeds, A.J. Microwave opto-electronics: principles, applications and future prospects 68386
Seeds, A.J. *see* Bordonalli, A.C. 96411
Seefeldt, A. *see* Hoole, S.R.H. 107798
Seeger, A. Subgradients of optimal-value functions in dynamic programming: the case of convex systems without optimal paths 113184
Seeger, A. *see* Schramm, C. 78655
Seeger, M. *see* Bauer, J. 95383
Seeger, M. *see* Kronmuller, H. 106510
Seeger, T. *see* Jonuscheit, J. 116700
Seeger, W. *see* Dutton, A.G. 102552
Seehra, M.S. *see* Suresh Babu, V. 64291
Seek Jong Won *see* Jong Won Seek
Seek Kim Joon *see* Joon Seek Kim
Seek Yoo Chan *see* Chan Seek Yoo
Seek-Min Yun *see* Jung-Hyung Kim 113493
Seeley, C.E., Chattopadhyay, A., Brei, D. Development of a polymeric piezoelectric C-block actuator using hybrid optimization technique 95307
Seelig, K. A solder paste comparison 83623
Seelig, W. *see* Grieser, M. 120248
Seeliger, A., Geropp, B., Kessler, H.-W. A low cost tool for diagnosis of antifriction bearings 103477
Seely, J.F. *see* Kowalski, M.P. 85730
Seely, M.L. *see* Haase, D.G. 120095
Seeman, J. *see* Donald, M.H.R. 79978
Seeman, J. *see* Heifets, S. 89624
Seeman, J. *see* Holdener, F.R. 100432
Seeman, J. *see* Kulikov, A. 100743
Seeman, J.T. PEP II status and plans 79951
Seeman, J.T., Fischer, H., Roster, W. Observation of induced beam oscillation from actively displaced RF accelerating structures 89867
Seeman, J.T. *see* Raubenheimer, T.O. 90027
Seeman, J.T. *see* Wienands, U. 79958
Seeman, J.T. *see* Wienands, U. 89916
Seeman, J.T. *see* Zimmermann, F. 79954
Seemann, W. A linear ultrasonic traveling wave motor of the ring type 91569

Seemann, W. Ultrasonic traveling wave linear motor with improved efficiency 121525
Seeng-Woe Suh, Sung Tae Shin, Sin-Doe Lee Novel electro-optic effect associated with a homeo tropic to twisted-planar transition in nematic liquid crystals 64822
Seering, W.P. *see* Tuttle, T.D. 81927
Seesing, P.R. Electronic publication on the World-Wide Web: the process and the pitfalls 118410
Seestrom, S.J. *see* Penttila, S.I. 120006
Seesvnori, R. *see* Koponen, P. 102282
Seesvuori, R. *see* Koponen, P. 111684
Seetharaman, G. *see* Tian, J. 87168
Seetharaman, K., Majumdar, J., Hebbar, J. A method for automatic analysis of multispectral remote sensed images and geographical maps 97985
Seetharamu, K.N. *see* Rajagopal, M.S. 111985
Seeves, M.M. *see* Gung, C.Y. 106724
Seevinck, E., du Plessis, M., Joubert, T.-H., Theron, A.E. Low-voltage CMOS bias circuit 115323
Seez, C. *see* Peigneux, J.P. 120164
Seferidis, V.E. DVD: the technology for wide-screen in the home 119496
Sefler, J.F. *see* Neureuther, A.R. 74814
Sefzick, T. *see* Brauksiepe, S. 100815
Sefzick, T. *see* Calen, H. 120194
Sega, W. Broadcasting services planning 119355
Segal, A. Analytically-numerical calculation of the interaction between conductors located in different planes 107734
Segal, A., Miloh, T. Inertial space optimal trajectories of aerial three-dimensional pursuit-evasion differential game 80739
Segal, A. *see* Borenstain, S.I. 79421
Segal, H.P. The third culture: C.P. Snow revisited 72006
Segal, R. *see* Kothari, M.L. 111463
Segall, A. *see* Ramaswami, R. 88514
Segall, B. *see* Rashkeev, S.N. 105470
Segall, K. *see* Gaidis, M.C. 69890
Segalov, Z. *see* Babzien, M. 96556
Segarceanu, D., Geambasu, C., Vladarau, I., Avramescu, M. On AC motor under simulated LOCA environment 91275
Segarceanu, D. *see* Avramescu, M. 91440
Segard, B. *see* Fettouhi, N.E. 76208
Segarich, P. *see* Lovati, V. 121967
Segato, G. *see* Antinori, F. 120156
Segawa, H. *see* Matsumura, T. 73407
Segawa, J. *see* Ogawa, K. 119170
Segawa, K. *see* Matsumoto, K. 63819
Segawa, K. *see* Matsumoto, K. 64007
Segawa, K. *see* Minamikawa, T. 104127
Segawa, T. *see* Noto, K. 71586
Segawa, Y. *see* Baoping Zhang 61163
Segawa, Y. *see* Baryshnikov, V.I. 107175
Segawa, Y. *see* Hung, N.D. 65055
Segawa, Y. *see* Morgan, B.A. 63122
Segawa, Y. *see* Morimoto, Y. 79155
Segawa, Y. *see* Nguyen Dai Hung 65054
Segawa, Y. *see* Yanase, A. 92716
Segawa, Y. *see* Yasuda, T. 74241
Segawa, Y. *see* Zhenlin Liu 116446
Segel, R.E. *see* Jacobsen, E.R. 69762
Segelken, J.M. *see* Wong, C.P. 118723
Segerberg, T., Hedemalm, P. Life cycle assessment of tin-lead solder and silver-epoxy conductive adhesive 72368
Segers, D. *see* van Hoorebeke, L. 69770
Segers, J., Ebergen, J.C. Design and analysis of up-down counters 104647
Segev, M., Collings, B., Abraham, D. Photorefractive Gunn effect 65500
Segev, M., Ming-Feng Shih, Valley, G.C. Photorefractive screening solitons of high and low intensity 65436
Segev, M. *see* Chauvet, M. 107606
Segev, M. *see* Chauvet, M. 116652
Segev, M. *see* Kos, K. 65520
Segev, M. *see* Ming-Feng Shih 96646
Segev, M. *see* Ming-Feng Shih 116650
Segev, M. *see* Ming-Feng Shih 116733
Segev, M. *see* Singh, S.R. 107581
Segev, M. *see* Taya, M. 95796
Segev, M. *see* Zhigang Chen 65477
Segev, M. *see* Zhigang Chen 65499
Segev, M. *see* Zhigang Chen 116628
Seggern, H.von *see* von Seggern, H.
Seghir, H. *see* Ionescu, A.M. 94704
Seghir, H. *see* Rusu, A. 63682
Seghouani, N., Nouals, C. Inverse problems in acoustical imaging 97977
Segi, T., Suzuoki, Y., Hikita, M., Mizutani, T. Preparation conditions and SHG characteristics of polyurea thin films prepared by vapor deposition polymerization 76254
Segkhoonthod, S., Sinclair, M.C. Analysis of a fault-tolerant ATM switch based on a parallel architecture 77587
Sego, J. The use of multimedia in TV programme 78216
Segonds, P., Canioni, L., Bousquet, B., Martin, M., Le Boiteux, S., Adamietz, F., Ducasse, A., Sarger, L., Duchesne, C., Fargin, E., Cardinal, T., Berthereau, A., Olazcuaga, R., Le Flem, G. Interferometric spectroscopy in nonlinear materials engineering 79741
Segonds, P. *see* Bousquet, B. 76209
Segonds, P. *see* Cardinal, T. 96732
Segoshi, N.M. *see* Dutta-Roy, A. 87717
Segre, C.U. *see* Ma, B. 112323
Segre, F.M. *see* Araujo, C.S. 112847
Segreto, A. *see* Bulfone, D. 76053
Segreto, A. *see* Dattoli, G. 65383
Segreto, A. *see* Dattoli, G. 107357
Segreto, A. *see* Walker, R.P. 96521
Seguin, F., Najafi, S.I. Spectral technique for the simultaneous measurement of pressure and temperature 100357
Seguin, H.J.J. *see* Bilida, W.D. 116297
Seguin, H.J.J. *see* Scott, S.W.C. 107077
Seguin, H.J.J. *see* Strohschein, J.D. 96097
Seguin, J.-L. *see* Bendahan, M. 63123
Seguin, S. *see* Haouat, G. 89994
Seguinot, J., Ypsilantis, T., Jobez, J.P., Arnold, R., Guyonnet, J.L., Chesi, E., Tischhauser, J., Mountain, R.J., Adachi, I., Sumiyoshi, T. CsI reflective photocathodes and their use for RICH detectors. Experimental studies 69714
Seguinot, J. *see* Ypsilantis, T. 69752
Segundo, S.M.Alberti *see* Alberti Segundo, S.M.
Segura, A. *see* Hernandez, M.A. 76114
Segura, J.C. *see* Sanchez, V. 117333
Segura, J.L. *see* Hanack, M. 116276
Seh-Won Ahn *see* Sang-Shin Lee 79638
Sehgal, B.K., Dayal, S., Rawal, D.S., Saravanan, G.S., Gulati, R., Chandra, I. A high yield lift-off process for interconnect formation for mm-wave GaAs beam lead Schottky diodes 104844
Sehgal, B.K. *see* Chandra, I. 104843
Sehgal, N.K., Qinghong Wu, Chen, C.Y.R. A database manager for cell based VLSI circuits 104265
Sehgal, S. Telephony via CATV networks 118292
Sehier, P. *see* Bergogne, C. 66267
Sehier, P. *see* Bergogne, C. 77669
Sehil, H. *see* Pichon, L. 74718
Sehlierkamp-Voosen, D. *see* Voigt, H.-M. 92565
Sehlin, S.R. *see* Huebner, W. 81821
Sehnert, H. *see* Scheer, R. 92939
Sehun Kim, Jaehyun Yeo, Moon Ho Lee Optimal time slot assignment in CDMA packet radio networks 118981
Sehun Kim *see* Jeong Won Kim 74472
Sehyeong Cho, Choongjae Im, JeongHun Choi Intelligent network service creation: An ITU-T CS-1 view 98831
Sehyeong Cho *see* Chang Woo Yoon 118552
Sei, N. *see* Ohgaki, H. 107392
Sei, N. *see* Yokoyama, M. 96469
Sei, T. *see* Kuroda, T. 104515
Sei, T. *see* Nishio, K. 82712
Sei, Y. *see* Inagaki, N. 92965
Sei Chan, Omar, A.M. A modified split-supply switched-reluctance drive inverter 81940
Sei Lee Haing *see* Haing Sei Lee
Sei-Chan Kim, Chung-Yeon Won The speed control of induction motor using neural networks 81434
Sei-Chan Kim *see* Hong-Je Ryoo 81420
Sei-Ichi Miyake *see* Kasahara, H. 95568
Sei-Wang Chen *see* Kuo-En Chang 113648
Seibel, B.J., Rowan, T.M., Kerkman, R.J. Field oriented control of an induction machine with DC link and load disturbance rejection 71748
Seibel, B.J. *see* Kerkman, R.J. 71804
Seibel, B.J. *see* Kerkman, R.J. 102866
Seiberle, H. *see* Funfschilling, J. 69423
Seiberle, H. *see* Schadt, M. 79635
Seiberling, L.E. *see* Boshart, M.A. 92762
Seibles, L. *see* Zhu, W. 74032
Seibles, L. *see* Zhu, W. 83700
Seibold, C. *see* Lehmann, A. 108938
Seibold, S., Weinert, K. A time domain method for the localization of cracks in rotors 92990
Seibt, M. *see* Henkel, T. 74532
Seidel, C. Comenius–the virtual classroom 72120
Seidel, D. *see* Maas, D. 74950
Seidel, D.B. *see* Mix, L.P. 111625
Seidel, F., Staffeldt, H. Frequency and angular resolution for measuring, presenting, and predicting loudspeaker polar data 109961
Seidel, I. *see* Moser, H.O. 79772
Seidel, J., Gandler, W.R., Green, M.V. Characteristics of a pair of small field-of-view LSO scintillation cameras 90354
Seidel, J. *see* Arndt, S. 62666
Seidel, M. *see* Fretwurst, E. 69806
Seidel, P., Linzen, S., Schmidl, F., Cihar, R. High-T_c SQUIDs on silicon substrates 95484
Seidel, P. *see* Hein, M.A. 62259
Seidel, P. *see* Machalett, F. 95457
Seidel, S.C. *see* Frautschi, M.A. 110601
Seidel, S.Y., Arnold, H.W. Propagation measurements at 28 GHz to investigate the performance of local multipoint distribution service (LMDS) 76438
Seidel, T.E. *see* Borland, J.O. 84088
Seidel, T.E. *see* Spencer, W.J. 84535
Seidel, T.E. *see* Zhao, B. 94839
Seidel Salinas, L. *see* Jones, S.H. 62759
Seiden, A. *see* Unno, Y. 80035
Seidl, L. *see* Broum, M. 88775
Seidl, P. *see* Celata, C.M. 90010
Seidleck, C. *see* LaBel, K. 70337
Seidleck, C. *see* Moran, A. 73461
Seidleck, C. *see* Moran, A. 104597
Seidleck, C.M., LaBel, K.A., Moran, A.K., Gates, M.M., Barth, J.M., Stassinopoulos, E.G., Gruner, T.D. Single event effect flight data analysis of multiple NASA spacecraft and experiments; implications to spacecraft electrical designs 111030
Seidleck, C.M. *see* Adolphsen, J. 73391
Seidleck, C.M. *see* Adolphsen, J. 111029
Seidleck, C.M. *see* LaBel, K.A. 80570
Seidler, G. *see* Castracane, J. 119707
Seidman, A. *see* Acciarri, M. 120165
Seidman, A. *see* Allon-Alaluf, M. 105523
Seidman, A. *see* Baschirotto, A. 95215
Seidman, A. *see* Bottcher, S. 106215
Seidman, A. *see* Croitoru, N. 90181
Seidman, A. *see* Croitoru, N. 94213
Seidman, L.A. *see* Voronov, B.M. 75293
Seifert, B., Brockmann, M., Engel, J., Gasser, T. Fast and stable computation of local polynomials 103547
Seifert, C.-C. *see* Holmes-Siedle, A. 106220
Seifert, F. *see* Pohl, A. 110041
Seifert, F. *see* Pohl, A. 110046
Seifert, F. *see* Pohl, A. 119652
Seifert, F. *see* Schrom, G. 108260
Seifert, F. *see* Schrom, G. 108389
Seifert, F. *see* Weigel, R. 109397
Seifert, F. *see* Zhongping Zhang 119085
Seifert, F.M., Kietzmann, H., Zink, M. Multifrequency and polarimetric analysis of forests with SIR-C/X-SAR data 120914
Seifert, J. *see* Baumann, I. 109655
Seifert, S. *see* Joswig, J. 80428
Seifert, W., Carlsson, N., Castrillo, P., Hessman, D., Junno, T., Pistol, M.-E., Samuelson, L., Wallenberg, R. In-situ grown dots of InP on GaAs and GaInP–a comparison 105375
Seifert, W. *see* Omling, P. 83935
Seifert, W. *see* Pistol, M.-E. 63027
Seifert, W. *see* Ramvall, P. 105339
Seifi, A. *see* Kenarangui, R. 101673
Seigal, P.K. *see* Carson, R.F. 68411
Seigal, P.K. *see* Carson, R.F. 116288
Seigal, P.K. *see* Kravitz, S.H. 116017
Seijnaeve, J., Dierickx, B., Scheffer, D., Hermans, L., Haspeslagh, L. Cryogenic readout electronics & technology for FIRST's stressed array 99995
Seikai, S. *see* Yamashita, I. 75829
Seikai, S. *see* Yamashita, I. 99560
Seike, S. *see* Izutani, S. 71032
Seike, T., Honma, Y., Saitou, T., Akada, N., Morikawa, T. MT8801A radio communication analyzer 119560
Seiler, D.G., Lowney, J.R., Thurber, W.R., Kopanski, J.J., Harman, G.G. Improved characterization and evaluation measurements for HgCdTe detector materials, processes, and devices used on the GOES and TIROS satellites 79437
Seiler, D.G. *see* Kim, J.S. 114573
Seiler, D.G. *see* Richter, C.A. 62881
Seiler, D.G. *see* Richter, C.A. 74422
Seiler, J.P. *see* Giardino, D.A. 120551
Seiler, U. *see* Schuppen, A. 93841
Sein, V.A. *see* Suslakova, S.I. 64477
Seinbeiss, E. *see* Zerov, V.Y. 100000
Seino, K. *see* Funada, M. 93906
Seino, M. *see* Ohska, T.K. 100980
Seino, M. *see* Onaka, H. 88642
Seino, S., Yamaguchi, A., Kozono, S. A study on received signal-level distribution in wide-band mobile transmission 109389
Seino, T. *see* Reyes, A.A. 97611
Seino, Y. *see* Iwasawa, C. 81820
Seino, Y. *see* Nagata, M. 81765
Seiple, J.V., Ebner, C., Pelz, J.P. Oxide-cluster nucleation, growth, and saturation on Si(001)-(2×1) surfaces: atomic-scale measurements and models 84170
Seipp, H.-G. *see* Bursik, A. 91340
Seiser, M.D. *see* Pack, S. 111587
Seisyan, R.P. *see* Aliev, G.N. 62747
Seisyan, R.P. *see* Gladysheva, L.G. 115105
Seisyan, R.P. *see* Kaliteevskaya, N.A. 115104
Seitchik, J. *see* McAndrew, C. 63627
Seitchik, J.A. *see* Aton, T.J. 95123
Seitchik, J.A. *see* McAndrew, C.C. 115157
Seitz, D. *see* Sadoulet, B. 100818
Seitz, H. *see* Brauninger, H. 90702
Seitz, H. *see* Cesura, G. 110581
Seitz, M.A., Hirthe, R.W., Frederickson, M.D. Statistical process control of solder paste using impedance spectroscopy 82295
Seitz, P. From electronic photography to seeing chips–the future of image sensing 110219
Seitz, P. *see* Kehrli, U. 64994
Seitz, P. *see* Spirig, T. 110220
Seitz, P. *see* Vietze, O. 100126
Seitz, P. *see* Vietze, O. 110221
Seitz, R. The electromagnetic calorimeter of the BABAR experiment 69850
Seitz, R. *see* Hauenschild, J. 73571
Seitz, S. *see* Haberger, K. 84601
Seitz, S. *see* Weber, J. 89047
Seitz, T. New methods and applications for distribution system reliability analysis 70902
Seitz, T., Haubrich, H.-J. Layout of distribution networks with strong input of small power plants 121108
Seitz, T., Stelzer, A.J., Trebin, H.-R. Switching of surface-stabilized ferroelectric liquid crystal cells by motion of defects 95848
Seitz, T. *see* Haubrich, H.-J. 121806
Seiya, Y. *see* Hara, K. 80005

Seiyama, N. *see* Nakamura, A. 110942
Sejalon, F. *see* Kyushik Hong 63102
Sejin Han, Wang, K.K., Sung-Yong Cho Experimental and analytical study on the flow of encapsulant during underfill encapsulation of flip-chips 112927
Sejka, M., Hubner, J., Varming, P., Nissov, M., Kristensen, M. Fiber-distributed feedback lasers for high-speed wavelength-division multiplexed networks 78670
Seka, W. *see* Green, K. 96158
Seka, W. *see* Okishev, A. 116429
Seka, W. *see* Skeldon, M.D. 85284
Seka, W. *see* Zuegel, J.D. 65144
Sekachev, I. *see* Delheij, P.P.J. 120098
Sekacova, M. *see* Bohacek, P. 94886
Sekaj, I. *see* Vesely, V. 111506
Sekar, K. *see* Satyam, P.V. 105459
Sekar, M. *see* Yousuf, M. 120235
Sekar, M.M.A., Patil, K.C. Low-temperature synthesis and properties of microwave resonator materials 72958
Sekara, T.B., Stankovic, M.S. Fractional transform with potential practical applications in signal analysis and processing 103543
Sekatskii, S.K. *see* Konopsky, V.N. 74086
Sekatskii, S.K. *see* Mishin, V.I. 110534
Sekelsky, S.M., McIntosh, R.E. Cloud observations with a polarimetric 33 GHz and 95 GHz radar 90780
Sekelsky, S.M. *see* Firda, J.M. 111198
Sekercioglu, Y.A. *see* Pitsillides, A. 77603
Sekhar, C.C., Yegnanarayana, B. Neural network models for spotting stop consonant-vowel (SCV) segments in continuous speech 108214
Sekhar, C.R. *see* Agrawal, J.P. 112140
Sekhar, P. *see* Damodara Das, V. 112420
Sekhniaidze, G. *see* Eide, A. 114175
Sekhniaidze, G. *see* Szekely, G. 97711
Sekhpossian, E.V. *see* Amatuni, A.T. 79895
Sekhposyan, E.V. *see* Khachatryan, A.G. 110487
Seki, A. *see* Hattori, S. 108688
Seki, H., Masuda, Y., Uchida, T. Reflective electrically controlled birefringence mode LCDs 100247
Seki, H. *see* Koukitu, A. 72833
Seki, H. *see* Koukitu, A. 72834
Seki, H. *see* Law, T. 97917
Seki, H. *see* Sano, T. 118087
Seki, H. *see* Takeyama, M. 94816
Seki, I. *see* Funakubo, K. 79316
Seki, K. *see* Hara, K. 118701
Seki, K. *see* Harima, Y. 94580
Seki, K. *see* Mizoguchi, M. 68221
Seki, K. *see* Yano, K. 61854
Seki, K. *see* Yano, K. 73397
Seki, M., Kobayashi, S., Kato, K., Tsurusaki, K. A practical clock router that accounts for the capacitance derived from parallel and cross segments 115290
Seki, M., Takano, Y., Takei, T., Ueda, S., Kawai, T., Katoh, T., Yamamoto, T., Kuriyama, T., Koike, J., Murakami, E., Sasaoka, Y., Atsumi, T., Sakamoto, F., Kiriyama, K., Wani, F. Improved 40-inch plasma display for wall-hanging HDTV receiver 109915
Seki, M. *see* Murakami, H. 79619
Seki, S., Oohashi, H., Sugiura, H., Hirono, T., Yokoyama, K. Study on the dominant mechanisms for the temperature sensitivity of threshold current in 1.3-μm InP-based strained-layer quantum-well lasers 96292
Seki, S. *see* Itoh, Y. 108223
Seki, S. *see* Ogawa, Y. 68494
Seki, S. *see* Shimamoto, S. 95590
Seki, S. *see* Yokoyama, K. 65371
Seki, S.-I. *see* Taguchi, Y. 84750
Seki, T. *see* Mutoh, T. 108043
Seki, T. *see* Sugawara, S. 103169
Seki, T. *see* Suzuki, M. 113396
Seki, T. *see* Uehara, K. 87691
Seki, Y., Kido, M., Hasei, S., Ueda, T. Internet management system Netvisor 118328
Seki, Y. *see* Iwamuro, N. 105938
Seki, Y. *see* Nakahata, H. 106448
Seki, Y. *see* Onozuka, M. 94162
Seki, Y. *see* Takahashi, Y. 104334
Seki, Y. *see* Ueno, K. 105716
Seki, Y. *see* Ueno, K. 105885
Seki-Fukuda, K. *see* Unekawa, Y. 78296
Sekido, M., Kondo, T., Kiuchi, H., Takahashi, Y., Koyama, Y. Crustal deformation monitoring system for the Tokyo metropolitan area. VLBI system for Key Stone Project. Data processing system. Correlation process control software 101531
Sekido, M. *see* Hama, S. 101530
Sekido, M. *see* Imae, M. 101522
Sekido, M. *see* Kiuchi, H. 93493
Sekido, M. *see* Kiuchi, H. 101524
Sekido, M. *see* Kondo, T. 101532
Sekigawa, T. *see* Kawanami, H. 113366
Sekiguchi, A., Mack, C.A., Minami, Y., Matsuzawa, T. Resist metrology for lithography simulation. II. Development parameter measurements 115049
Sekiguchi, A., Matsuzawa, T., Minami, Y. Measuring system for photoresist development parameters 105749
Sekiguchi, A., Sensu, Y., Matsuzawa, T., Minami, Y. Measuring system for diffusion length of photoactive compound in P.E.B. process 74654
Sekiguchi, A. *see* Mack, C.A. 115048
Sekiguchi, A. *see* So Won Kim 104156
Sekiguchi, H. *see* Kitao, K. 82185
Sekiguchi, H. *see* Mineo, Y. 92132
Sekiguchi, M. Summary of 12th international ECRIS workshop [1995] 60383
Sekiguchi, M., Okada, H., Watanabe, N. Neural network based landmark detection for mobile robot 98031
Sekiguchi, M. *see* Yamauchi, J. 95715
Sekiguchi, M. *see* Yamauchi, J. 106835
Sekiguchi, N. *see* Matsuo, Y. 102244
Sekiguchi, S. *see* Kaneko, S. 108996
Sekiguchi, S. *see* Shimamoto, S. 95590
Sekiguchi, T., Akagi, K., Yamawaki, M., Nakayama, N., Funatsu, T., Harigaya, M. Failure analysis of VLSI with multilevel metallization using an excimer laser 74800
Sekiguchi, T., Matsui, T., Itoi, S., Uchikawa, T., Aburai, S., Miyatake, M., Araki, S. A noncompressed NTSC digital videodisk recorder using magneto-optical media 119495
Sekiguchi, T. *see* Hayashi, K. 94278
Sekiguchi, T. *see* Nakamura, M. 104543
Sekiguchi, T. *see* Suzaki, S. 85098
Sekiguchi, T. *see* Taksaki, Y. 78201
Sekiguchi, T. *see* Yamamura, K. 113709
Sekigucki, N. *see* Sakai, M. 81909
Sekihara, K., Koizumi, H. Detecting cortical activities from fMRI time-course data using the MUSIC algorithm with forward and backward covariance averaging 90377
Sekihara, K. *see* Kandori, A. 110683
Sekihara, Y. *see* Kawahara, A. 69275
Sekikawa, A. *see* Aaron, D.J. 101044
Sekimizu, M. *see* Iwasaki, Y. 118457
Sekimoto, H. *see* Ishizaki, A. 106377
Sekimoto, H. *see* Ishizaki, A. 106397
Sekimoto, H. *see* Koyama, M. 95323
Sekimoto, H. *see* Koyama, M. 106389
Sekimoto, H. *see* Obara, T. 111739
Sekimoto, M., Nakamura, S., Mochizuki, Y., Toda, S., Takahara, E. Wheel slip and re-adhesion control for high speed Shinkansen train–for individual motor control system 103124
Sekimura, M. *see* Koga, A. 74968
Sekine, H., Asada, H., Fujieda, I., Sera, K., Tanabe, H., Okumura, F. High-speed linear image sensor with a single-phase-clock poly-Si TFT driver 89142
Sekine, J. *see* Fujita, M. 73376
Sekine, J. *see* Saeki, T. 73369
Sekine, K. *see* Hara, T. 114825
Sekine, K. *see* Imai, H. 92482
Sekine, K. *see* Kato, T. 68286
Sekine, K. *see* Kikuchi, N. 68527
Sekine, K. *see* Takagiwa, T. 113715
Sekine, K. *see* Yoshida, I. 88257
Sekine, M. Weather radar clutter and its suppression 88694
Sekine, M., Kakuhara, Y., Kikkawa, T. Degradation mechanism of contact resistance during window formation 63439
Sekine, M. *see* Hansen, J.P. 83069
Sekine, M. *see* Hayashi, H. 74560
Sekine, M. *see* Hua Jiang 90792
Sekine, M. *see* Kaminomura, H. 67829
Sekine, M. *see* Tanaka, K. 76118
Sekine, M. *see* Tanaka, K. 84930
Sekine, N., Hirakawa, K., Sogawa, F., Arakawa, Y., Usami, N., Shiraki, Y., Katoda, T. Ultrashort lifetime photocarriers in Ge thin films 75689
Sekine, S. *see* Higuchi, N. 102606
Sekine, S. *see* Nakasuga, Y. 116284
Sekine, S. *see* Nomura, H. 95572
Sekine, S. *see* Ohkawa, M. 99960
Sekine, T. *see* Chang, Y. 114228
Sekine, T. *see* Takaba, S. 78423
Sekine, T. *see* Yamada, T. 105086
Sekine, Y. *see* Kobayashi, N. 101690
Sekine, Y. *see* Nagata, M. 101966
Sekine, Y. *see* Okamoto, H. 121038
Sekine, Y. *see* Someya, K. 104751
Sekine, Y. *see* Tada, Y. 111536
Sekioka, K. *see* Tsuruoka, S. 90416
Sekioka, S., Hara, T., Ametani, A. Development of a nonlinear model of a concrete pole grounding resistance 111592
Sekioka, S., Yamamoto, K., Yokoyama, S. Measurements of a concrete pole impedance with an impulse current source 111591
Sekita, H., Tada, A., Ito, S. 1 kHz high repetition rate, compact ArF excimer laser and its applications 65018
Sekita, I., Kurita, T., Otsu, N., Abdelmalek, N.N. Thresholding methods considering the quantization error of an image 108576
Sekita, M. *see* Matoba, S. 111558
Sekito, T., Yamazaki, Y., Oe, M., Sano, T., Osaka, K. Coating restoration technique for high strength fusion splicing 95701
Sekiya, A. *see* Kurosawa, S. 79575
Sekiya, T., Umeshita, T., Matsuse, K. Basic characteristics and analysis of double PWM controlled current source GTO inverter 71495
Sekiya, Y. *see* Hosokawa, T. 81611
Seko, Y. *see* Yamaguchi, M. 73177
Sekso, A. *see* Bojic, S. 111687
Sekula, R. Environmental aspects of fossil fuels combustion in Poland 71038
Sekunov, N.Yu. A method of constructing natural bases on digital signals 86218
Sela, A. *see* Monderer, D. 82398
Sela, B.-A. *see* Simhi, R. 101082
Selberherr, S. *see* Bohmayr, W. 84430
Selberherr, S. *see* Khalil, N. 84412
Selberherr, S. *see* Leitner, E. 74818
Selberherr, S. *see* Leitner, E. 84110
Selberherr, S. *see* Puchner, H. 63901
Selberherr, S. *see* Puchner, H. 84547
Selberherr, S. *see* Schrom, G. 84583
Selberherr, S. *see* Simlinger, T. 84289
Selberherr, S. *see* Simlinger, T. 84494
Selberherr, S. *see* Strasser, E. 63443
Selcuk, M.B. *see* Incesu, L. 110786
Selders, R.L., Jr. *see* Perreault, D.J. 121766
Seleme, S.I., Jr. Optimal energy observer-based torque tracking of induction motors 91498
Selemir, V.D. *see* Bosamykin, V.S. 100797
Selen, M. *see* Aronstein, D. 69717
Selen, M. *see* Bergfeld, T. 100977
Selen, M. *see* Kichimi, H. 69718
Selesnev, V.A. *see* Vereshchagin, I.K. 95973
Selesnev, V.S. *see* Biryukov, V.M. 100729
Selesnick, I.W., Burrus, C.S. Exchange algorithms for the design of linear phase FIR filters and differentiators having flat monotonic passbands and equiripple stopbands 114094
Selesnick, I.W., Lang, M., Burrus, C.S. Constrained least square design of FIR filters without specified transition bands 97719
Selesnick, I.W. *see* Lang, M. 66820
Selestino, R. *see* Gutierrez, C.J. 75180
Seleznev, D. *see* Kushin, V. 79805
Seleznev, L. *see* Afanas'ev, L. 107071
Seleznev, V.A. *see* Print, V.Ya. 105430
Seleznez, L. *see* Afanas'ev, L. 107530
Selhi, H., Christopoulos, C., Howe, A.F., Hui, S.Y.R. The application of transmission-line modelling to the simulation of an induction motor drive 81942
Seliem, A.A.S.Abo *see* Abo Seliem, A.A.S.
Selig, M.S., Coverstone-Carroll, V.L. Application of a genetic algorithm to wind turbine design 81361
Seliga, T.A., Chi-Te Chen Factors affecting NEXRAD-based point rainfall estimation in the Seattle area 120748
Seliga, T.A., Sahr, J.D., Holzworth, R.H. Probing electric fields near sprites and jets using multiparameter radar and chaff 120761
Seliger, N., Habas, P., Gornik, E. Modeling and measurements of backside laser-probe signals in MOSFETs 84450
Selim, F.A. *see* Barsoum, M.W. 62377
Selim, F.M. *see* Ghanim, M.H. 60858
Selimi, N.R. Review of equivalent transformer schemes useful for network calculations 81530
Selinger, M., Parker, B. Supporting teacher education through distance learning and electronic communications 92068
Selinger, T. *see* Kanold, P. 99756
Selinger, Th., Block, M., Kanold, P., Talmi, M., Yan, W., Zhang, W., Zieger, M. Chipset for a single-board MPEG-2 SSP@H-1440L HDTV-decoder 68892
Selis, J. *see* Vanden Brooeck, W. 108934
Seliuta, D. *see* Ashmontas, S. 114818
Selivanov, E.P. *see* Blinov, A.V. 80403
Selivanov, Yu.G. *see* Stepanov, E.V. 69341
Selivanov, Yu.G. *see* Trofimov, V.T. 64902
Seljak, M. The COBISS system: supporting interlending and document supply 77905
Selkainaho, J. *see* Halme, A. 103485
Selke, O. *see* Huenger, A. 69838
Sellami, L., Newcomb, R.W. Synthesis of ARMA filters by real lossless digital lattices 62043
Sellami, S., Williams, K.T., Cooke, G.H. Suppression of sparking at the brushes of DC machines 91546
Sellar, R.J. *see* Marshall, I. 80282
Sellars, C.M. *see* Kapranos, P. 82768
Sellathurai, M., Hoole, P.R.P., Wijeratna, D.G.D.C. Computer-aided location and identification of vertical discharges 95287
Sellathurai, M. *see* Wijayakulasooriya, J.V. 101749
Seller, P. Noise analysis in linear electronic circuits 100918
Seller, P. *see* Gorbold, J.R. 100951
Selleri, S., Zoboli, M. A comparison of vector finite element formulations for waveguide analysis 93053
Sellers, C.H. *see* Branagan, D.J. 106628
Sellers, C.H. *see* Jifan Hu 75147
Sellers, C.H. *see* Lewis, L.H. 115505
Sellers, R.L. *see* Iman, R.L. 73856
Sellhorst, M. *see* Pfluger, S. 107624
Sellick, R.L., Gaunt, C.T., Herman, R., Dingley, C.E. The sensitivity of calculated voltage drop to changes in load sample averaging interval 102086
Sellidj, A., Ferguson, B.A., Mattord, T.J., Streetman, B.G., Mullins, C.B. Growth of GaN on sapphire (0001) using a supersonic jet of plasma-generated atomic nitrogen 72759
Sellidj, A. *see* Ferguson, B.A. 82591
Sellin, P.B., Wilson, G.A., Meduri, K.K., Mossberg, T.W. Observation of inversionless gain and field-assisted lasing in a nearly ideal three-level cascade-type atomic system 116345

Sellin, P.J., Buttar, C.M. Punch through biasing structures for gallium arsenide microstrip detectors 120143
Sellin, P.J. *see* Manolopoulos, S. 120152
Sellin, R. ATM management. II 118264
Sellinger, D. *see* Jodar, L. 92614
Sellmyer, D.J. *see* Al-Omari, I.A. 64215
Sellmyer, D.J. *see* Liu, Y. 64295
Sellmyer, D.J. *see* Luo, C.P. 64368
Sellmyer, D.J. *see* Panagiotopoulos, I. 64250
Sellmyer, D.J. *see* Shan, Z.S. 64366
Sellmyer, D.J. *see* Welipitiya, D. 92873
Sellmyer, D.J. *see* Zhang, S.Y. 115851
Sellyey, W. *see* Barr, D. 89855
Sellyey, W. *see* Lumpkin, A. 100540
Selman, J.D. *see* Sen, P.K. 102911
Selman, J.R. *see* Mugikura, Y. 121862
Selmani, L. *see* Djahli, F. 108088
Selmi, L., Bez, R., Sangiorgi, E. An improved test structure to characterize ultra-low hot carrier injection in homogeneous conditions 114832
Selmi, L., Pieracci, A., Lanzoni, M., Pavesi, M., Bez, R., Sangiorgi, E. Experimental analysis of polarization in the hot-carrier luminescence of silicon devices 63671
Selmi, L. *see* Esseni, D. 83116
Selmi, L. *see* Fischer, B. 94976
Selnau, H., Jr. *see* Garvey, D.W. 85657
Selolov, A.V. *see* Izumov, A.O. 76425
Selover, S.J. *see* Jones, M.R. 92196
Seltmann, E.W., Laskar, J., Smith, K. Development of a coplanar waveguide membrane probe for nondestructive evaluation of thin film structures 100273
Seltzer, M.D., Gruber, J.B. Modeling of saturable Q-switch absorbers 65142
Seltzer, M.D. *see* Wright, A.O. 65143
Selvaduray, G. Undergraduate engineering ceramics laboratory development 60474
Selvaduray, G. *see* Trigwell, S. 83680
Selvage, J.E., Chenoweth, D.L., Gold, V.E. Geometric feature extraction using the chord transformation 86718
Selvage, J.E. *see* Gold, V.E. 66908
Selvaggi, J.A., Mathewson, W.G., Laughman, R.A., Francavilla, T.L., Gubser, D.U., Miller, M.M. Some operating characteristics of an ironclad high-temperature superconducting coil at 77 K 75370
Selvakumar, A., Yazdi, N., Najafi, K. Low power, wide range threshold acceleration sensing system 74936
Selvakumar, C.R. *see* Mohajerzadeh, S. 92702
Selvam, S.T. *see* Suresh, P.R. 95025
Selvamanickam, V., Finkle, T., Pfaffenbach, K., Haldar, P., Peterson, E.J., Salazaar, K.V., Roth, E.P., Tkaczyk, J.E. Processing of thallium-based superconducting tapes for high current density 75330
Selvan, B. *see* Warring-Davies, K.J. 120268
Selvan, J.A.A. *see* Torres, P. 105094
Selvan, K.T., Rao, P.H., Ramakrishna, P., Subba Rao, B. Pyramidal horn gain prediction: evolution of formulations 76594
Selvan, S.M.S. *see* Sastikumar, D. 107653
Selvanayagam, S., Lidgey, F.J. Wide bandwidth CMOS current feedback op amp for inverting amplifier applications 73111
Selvarajan, A. *see* Aparna, C.S. 116055
Selvarajan, A. *see* Balasubramanian, R. 64736
Selvarajan, A. *see* Ramabrahmam, R. 99139
Selwood, P.M., Wathen, A.J. Convergence rates and classification for one-dimensional finite-element meshes 61118
Selwyn, G.S. Particulate contamination control in plasma processing: building-in reliability for semiconductor fabrication 63416
Sem, M.F. *see* Latush, E.L. 116377
Semal, D. *see* Bourquard, A. 95524
Seman, A.M. *see* Light, D.N. 114440
Seman, K., Smith, D.G. Performance analysis of a multilink ATM multiplexer capable of supporting CBR and VBR traffic 78309
Seman, M. *see* Ban, J. 69810
Seman, V. *see* Danilkin, M. 75713
Semancik, S. *see* Kunt, T. 79587
Semash, V.D. *see* Voronov, B.M. 75293
Semashko, A.N., Lapitskii, V.A., Levshinskii, L.I., Trukhan, V.A., Avdeev, S.A. Some quantitative methods for examination of medical multispectral images with the help of a personal computer 108642
Semchenko, A.V. *see* Boiko, A.A. 106912
Semenchinsky, S., Smrcka, L., Stehno, J., Borzenets, V. Anomalous Hall resistance in Si(001) high mobility inversion layers at high electron concentrations 94611
Semendy, F. *see* Cavus, A. 75705
Semendy, F. *see* Chen, J.C. 92719
Semenenko, G.E. *see* Denisov, V.I. 109825
Semenenya, T.V., Morozova, V.A. Special features of edge absorption of cadmium diarsenide 94451
Semenkov, V. *see* Balakshy, V. 106889
Semenkova, T.O. *see* Krjukov, S.N. 66906
Semenov, A., Yakovlev, A. Verification of asynchronous circuits using time Petri net unfolding 83059
Semenov, A.D., Gousev, Yu.P., Nebosis, R.S., Renk, K.F., Yagoubov, P., Voronov, B.M., Gol'tsman, G.N., Syomash, V.D., Gershenzon, E.M. Heterodyne detection of THz radiation with a superconducting hot-electron bolometer mixer 84907
Semenov, A.D. *see* Gousev, Yu.P. 99976
Semenov, A.D. *see* Gousev, Yu.P. 104839
Semenov, A.P. Sources of sputtering ion beams based on cold-cathode discharge (review) 120101
Semenov, A.T. *see* Batovrin, V.K. 64966
Semenov, A.T. *see* Batovrin, V.K. 65250
Semenov, A.V. *see* Latyshev, A.B. 79668
Semenov, A.V. *see* Latyshev, A.V. 79665
Semenov, A.V. *see* Puhlmann, N. 79664
Semenov, B.V. *see* Vasil'chenko, V.G. 69798
Semenov, P.A. *see* Braunschweig, W. 120173
Semenov, S.V. *see* Yevdokimov, Yu.M. 110227
Semenov, S.Y., Svenson, R.H., Boulyshev, A.E., Souvorov, A.E., Borisov, V.Y., Sizov, Y., Starostin, A.N., Dezern, K.R., Tatsis, G.P., Baranov, V.Y. Microwave tomography: two-dimensional system for biological imaging 101294
Semenov, V. *see* David, G. 80077
Semenov, V. *see* David, G. 100863
Semenov, V.A. *see* Mokrov, Ye.A. 79387
Semenov, V.E. *see* Belousova, I.M. 120767
Semenov, V.E. *see* Dutov, A.I. 85358
Semenov, V.E. *see* Dutov, A.I. 85367
Semenov, V.E. *see* Dutov, A.I. 107082
Semenov, V.E. *see* Dutov, A.I. 116354
Semenov, V.E. *see* Kaliteevskij, N.A. 116925
Semenov, V.G. *see* Blyakhman, Y. 64240
Semenov, V.K. *see* Aleev, A.N. 120186
Semenov, Yu.G. *see* Ivanov, V.Yu. 105170
Semenova, G.N., Kryshtah, T.G., Klad'ko, V.P., Krukovskii, S.I., Svitelskiy, A.V. Properties of the GaAs epilayers grown from ytterbium or scandium doping melts 103887
Semenova, G.N., Kryshtab, T.G., Shekhovtsov, L.V., Sadof'ev, Yu.G. Microstructure of germanium films obtained by molecular-beam epitaxy on gallium-arsenide substrates 61189
Semenova, I.V. *see* Korzinin, Yu.L. 96821
Semenova, J. *see* Mikityuk, Z. 95857
Semenova, N.V. *see* Sergienko, I.V. 113163
Semenovich, V. *see* Evtukh, A.A. 73957
Semenovich, V. *see* Evtukh, A.A. 83716
Semenski, D. Caustics in graphite fiber-reinforced composite materials 82801
Sementsov, D.I., Shutyi, A.M. Waveguide propagation of light in an absorbing magnetogyrotropic waveguide 97257
Sementsov, D.I., Shutyi, A.M. Damping of coupled modes in absorbing planar waveguides 107995
Semenycheva, L.N. *see* Surdu, M.N. 100179
Semenyushikin, I.N. The Dubna synchrophasotron. Status and development prospects for the accelerator complex of the Laboratory of High Energies at the JINR 90102
Semerenko, M. *see* Konopaltseva, L. 85339
Semet, C., Meganck, P., Gabillard, R., Lardennois, R., Minesi, D. Feasibility and security for a new automatic train localization system by electronic beacon 119338
Semin, M.J. *see* Pantsyrnyi, V.I. 95565
Seminara, C. *see* Carnassale, A. 68619
Seminogov, V.N. *see* Khudobenko, A.I. 107432
Seminogov, V.N. *see* Sokolov, V.I. 95747
Seminogov, V.N. *see* Sokolov, V.I. 96256
Seminozhenko, V.N. *see* Zalyubovskii, I.I. 69797
Semitekos, D. *see* Hugli, H. 87146
Semjonov, S.L., Bubnov, M.M., Khleskova, O.V. Susceptibility of static fatigue parameters of optical fibers to environmental conditions 84971
Semjonov, S.L. *see* Bubnov, M.M. 84975
Semkin, B.V., Stal'naya, M.I., Svit, P.P. Utilization of renewable sources of energy in small-scale power engineering 71031
Semkov, S.K., Zdrok, S.A. Characteristics of lead batteries charged by an asymmetric current 121849
Semlyen, A. Fundamental concepts of a Krylov subspace power flow methodology 101736
Semlyen, A. *see* Angelidis, G. 101729
Semmache, B., Merabet, A., Gontrand, C., Laugier, A. About boron and arsenic diffusions in polycrystalline silicon under rapid thermal oxidation 94657
Semmens, J.E., Martell, S.R., Kessler, L.W. Evaluation of flip chip interconnects using acoustic microscopy for failure analysis and process control applications 94125
Semmens, J.E., Martell, S.R., Kessler, L.W. Evaluation of flip chip interconnects using acoustic microscopy for failure analysis and process control applications 94843
Semmens, J.E., Martell, S.R., Kessler, L.W. Analysis of BGA and other area array packaging using acoustic micro imaging 103465
Semmoto, S. *see* Takeuchi, T. 99209
Semo, J. *see* Delorme, F. 109313
Semo, J. *see* Kalonji, N. 119137
Semoushkina, S. *see* Hongyue Liu 102995
Semret, N. *see* Jelenkovic, P.R. 108823
Semykina, E. *see* Gherm, V. 73932
Semykina, E.A., Roze, K.S. A computer investigation of electron field emission from n-InSb at low temperatures 105167
Sen, A., Huson, M.L. A new model for scheduling packet radio networks 88108
Sen, A., Leach, K.E., Varjian, R.D. Determination of water content and resistivity of perfluorosulfonic acid fuel cell membranes 112327
Sen, A. *see* Jangid, D.R. 120380
Sen, A. *see* Shau-Ming Lun 101918
Sen, A.K. *see* Dasgupta, P.S. 95159
Sen, M.B. *see* Bhatia, V. 79480
Sen, P. *see* Ghosh, A.K. 106661
Sen, P. *see* Wang, J. 72210
Sen, P.C., Namuduri, C.S., Nandam, P.K. Evolution of control techniques for industrial drives 112626
Sen, P.C. *see* Liu, Y.-F. 102849
Sen, P.C. *see* Yan-Fei Liu 61622
Sen, P.K., Selman, J.D. Evaluation of circuit breaker transient recovery voltage (TRV) duty using the electro-magnetic transient program (EMTP) 102911
Sen, P.K. *see* Banerjee, S. 96609
Sen, S., Bosco Leung A class-AB high-speed low-power operational amplifier in BiCMOS technology 104361
Sen, S., Kothari, D.P. Comparison of unit commitment schedules based on fuel cost and emission minimisation 121068
Sen, S., Robertson, W., Phillips, W.J. The effects of reduced precision bit lengths on feedforward neural networks for speech recognition 108211
Sen, S. *see* Abe, K. 69708
Sen, S. *see* Abe, K. 69726
Sen, S. *see* Agarwal, P.K. 61009
Sen, S. *see* Pal, D. 92953
Sen, S.K. *see* Lakshmikantham, V. 82356
Sen, S.K. *see* Pal, D. 92953
Sen, S.K. *see* Sarkar, G. 90916
Sen, T., Bruning, O., Willeke, F. Effect of quadrupole noise on the emittance growth of protons in HERA 100634
Sen, T., Ellison, J.A. Diffusion due to beam-beam interaction and fluctuating fields in hadron colliders 100777
Sen, T., Ellison, J.A., Kauffmann, S.K. Collective dynamics of Duffing oscillators: model for dipole ripple 120015
Sen, T. *see* Ellison, J.A. 120053
Sen, Z. Statistical investigation of wind energy reliability and its application 111869
Sen Aniruddha *see* Aniruddha Sen
Sen Gupta, I. *see* Pada Biswas, G. 61773
Sen Mao *see* Huimin Liu 85658
Sen Subhajit *see* Subhajit Sen
Sen Xie *see* Xie Sen
Senac, P. *see* Fabre, F. 118562
Senani, R. Alternative modification of the classical GIC structure 93552
Senani, R. A simple approach of deriving single-input-multiple-output current-mode biquad filters 93562
Senani, R., Singh, V.K. Novel single-resistance-controlled-oscillator configuration using current feedback amplifiers 93175
Senarath, G.N., Everitt, D. Reduction of call dropouts during handoffs using efficient signal strength prediction algorithms for personal communication systems 88164
Senarath, G.N., Everitt, D. Controlling handoff performance using signal strength prediction schemes and hysteresis algorithms for different shadowing environments 118968
Senasli, M., Garnero, L., Herment, A., Pellot, C. Stochastic active contour model for 3D structures reconstruction from two X-rays projections. Application to digital subtraction angiography 70060
Senator, S. Mechanical design of alarm system for vehicles 71870
Senatskiy, Yu.V., Burtsev, A.V., Kroupennikov, A.A. Smoothing of the inversion profile in Nd- and Yb-doped solid-state laser elements 96159
Senatsky, Yu.V. *see* Burtsev, A.V. 107181
Senba, N. *see* Takahashi, N. 114478
Senba, T., Yamaguchi, S., Yanagi, N., Mito, T., Yamamoto, J., Motojima, O., Emoto, M. Thermal behavior of a composite superconductor in stability margin experiments 95438
Senba, T. *see* Imagawa, S. 95515
Senbel, S.A., Ismail, M.A. The GrayCode octree representation method 66877
Sencek, F. *see* Bajcsy, J. 82107
Senchenkov, I.K. *see* Zhuk, Ya.A. 101630
Senchishin, V.G. *see* Zalyubovskii, I.I. 69797
Send, U. *see* Skarsoulis, E.K. 101569
Senda, H. *see* Sano, Y. 69282
Senda, H. *see* Tsukamoto, A. 110214
Senda, I., Shoji, T., Nishino, T., Fujieda, H., Tsunematsu, T. Optimizing voltage wave forms of poloidal field coils at the plasma breakdown 95599
Senda, K., Tominaga, T., Ohya, N., Idogaki, T., Hattori, T. Characteristics of bending and expanding motion actuators 112167
Senda, M., Takei, K., Ishii, O., Koshimoto, Y. Extremely high output of UHF carrier type head with impedance matching network 115732
Senda, M. *see* Ishii, O. 64309
Senda, M. *see* Kosugi, R. 73327
Senda, M. *see* Kosugi, R. 104539
Senda, T., Yamaguchi, K., Sugihara, Y., Tsuhako, J. Broadband variable gain amplifier IC 82957
Senderak, R. *see* Bohacek, P. 94886
Senderak, R. *see* Jergel, M. 94578

Sendova-Vassileva, M. *see* Dimova-Malinovska, D. 94307
Sendra, J.R., Armelles, G., Utzmeier, T., Anguita, J., Briones, F. Resonant Raman scattering study of InSb etched by reactive ion beam etching 74150
Sendtner, R.A. *see* Stetter, M. 80340
Sendyka, B., Sendyka, P. Analysis of the effects of the introduction of fuel gap feeder into a constant depression carburettor 91926
Sendyka, P. *see* Sendyka, B. 91926
Sene, C. *see* Cong, H.N. 81905
Sene, D.E., Grantham, J.W., Bright, V.M., Comtois, J.H. Development and characterization of micromechanical gratings for optical modulation 75592
Sene, D.E. *see* Bright, V.M. 106250
Seneff, S. *see* Atal, B.S. 76869
Senemaud, C. *see* Adriaenssens, G.J. 94414
Sener, R.N. Rubinstein-Taybi syndrome: cranial MR imaging findings 80246
Senesi, F. *see* Fazio, E. 76129
Seneviratne, A. *see* Fladenmuller, A. 78219
Seneviratne, A. *see* Richards, A. 77754
Seneviratne, A. *see* Richards, A. 98456
Seneviratne, L.D. *see* Zhu, Y. 77201
Seneviratne, L.D. *see* Zhu, Y. 87055
Senez, F. *see* Ferreira, P. 84411
Senez, V., Collard, D., Ferreira, P., Baccus, B. Two-dimensional simulation of local oxidation of silicon: calibrated viscoelastic flow analysis 63877
Senez, V. *see* Baccus, B. 74816
Senez, V. *see* Ferreira, P. 63295
Senez, V. *see* Ferreira, P. 105958
Senfar Wen *see* Sien Chi 116040
Senfar Wen *see* Sien Chi 116692
Senff, I. *see* Baresova, E. 69929
Seng, W. *see* Shul, R.J. 84141
Seng Boon-Hong-Alice *see* Boon-Hong-Alice Seng
Seng Chang Rong *see* Rong Seng Chang
Seng Chiang Kin *see* Kin Seng Chiang
Seng Pan, U., Martins, R.P., Franca, J.E. Switched-capacitor interpolators without the input sample-and-hold filtering effect 62008
Seng Tang Chee *see* Chee Seng Tang
Seng Toh Peng *see* Peng Seng Toh
Seng Toh Peng *see* Toh Peng Seng
Seng-Tiong Ho *see* Zixiong Wang 68529
Seng-Woon Chen, Panton, W., Gilmore, R. Effects of nonlinear distortion on CDMA communication systems 88282
Senga, T. *see* Ko, S.-T. 85623
Senge, M., Christmann, M., Massmann, V. High speed film scanning: resolution independent film-mastering 119497
Sengers, L.A. *see* Ishimaru, A. 85838
Sengler, A. *see* Hartlieb, N. 81313
Sengoku, M. *see* Kabasawa, T. 118925
Sengoku, M. *see* Nakano, K. 68189
Sengoku, M. *see* Nakano, K. 99298
Sengoku, M. *see* Tai Suk Kim 109432
Sengoku, M. *see* Tamura, H. 72510
Sengoku, M. *see* Watanabe, K. 82426
Sengoku, M. *see* Watanabe, K. 113124
Sengoku, M. *see* Yamada, H. 65856
Sengoku, M. *see* Yamada, H. 107876
Sengoku, M. *see* Yamaguchi, Y. 88702
Sengoku, S. *see* Ishikawa, Y. 73458
Sengupta, A., Guha, S.K., Anand, S., Jayraman, G., Biswas, P., Rehana, H.M.S. Can conventional biomedical investigative technology unfold the complexities of uteroplacental system in pregnancy? A critical study 110778
Sengupta, A. *see* Bandyopadhyay, S. 93474
Sengupta, A. *see* Venkateswaran, A. 88528
Sengupta, B., Ahmad, S. Reliability assessment of tension leg platform tethers under nonlinearly coupled loading 92324
Sengupta, B., Takine, T. Distribution of spatial requirements for a MAP/G/1 queue when space and service times are dependent 72431
Sengupta, B. *see* Dighe, R. 87484
Sengupta, B. *see* Harubin, P. 87282
Sengupta, B. *see* Iwata, A. 109229
Sengupta, B. *see* Iwata, A. 118064
Sengupta, B. *see* Melamed, B. 72424
Sengupta, B. *see* Merchant, A. 93400
Sengupta, B. *see* Ramamurthy, G. 67777
Sengupta, B. *see* Rege, K.M. 113084
Sengupta, C. *see* Tittel, F.K. 105756
Sengupta, D. *see* Kuver, A. 75591
Sengupta, D.K. *see* Malin, J.I. 119675
Sengupta, D.L., Sarkar, T.K. Microwave and millimeter wave research before 1900 and the centenary of the horn antenna 103533
Sengupta, K. *see* Bhadra, S.K. 104253
SenGupta, S., Bhadra, S.N., Chattopadhyay, A.K. An inverter-fed self-controlled 'brushless' DC series motor with the field winding in the DC link 111996
Sengupta, S.K. *see* Schaich, P.C. 100972
Senichev, Yu.V. *see* Kuznetsov, M.I. 100652
Senichkin, A.P. *see* Kul'bachinskii, V.A. 62725
Senik, T. *see* Nazarchuk, Z. 65806
Senin, S. *see* Vilar, E. 97136
Senior, J.M. *see* Asumu, D.E. 68506
Senior, J.M. *see* Cryan, R.A. 68354
Senior, J.M. *see* Johnson, R. 67953
Senior, J.M. *see* Murtaza, G. 69227
Senior, J.M. *see* Phillips, A.J. 68350
Senior, T.B.A. *see* Legault, S.R. 97035
Seniuk, M.A. *see* Neyra Bueno, O.L. 116391
Seniuk, M.A. *see* Neyra Bueno, O.L. 116396
Senju, T., Takaichi, J., Uezato, K. Maximum output power point tracking control of windmill power system by fuzzy control 71199
Senjyu, T., Ashimine, S., Uezato, K. Robust position control of DC servomotors using fuzzy reasoning 91550
Senjyu, T., Ashimine, S., Uezato, K. Robust position control of DC servomotors using adaptive gain law 121508
Senjyu, T., Kinjo, H., Uezato, K. Unity power factor AC/DC converter using disturbance voltage observer 121782
Senjyu, T., Miyazato, H., Uezato, K. Quick and precise position control of ultrasonic motor using hybrid control 81500
Senjyu, T., Nakahama, S., Uezato, K. Position control of stepping motor using observer 71368
Senjyu, T., Shiroma, T., Uezato, K. Improvement of transient stability of multi-machine power systems using FACTS equipment applying fuzzy control 70695
Senjyu, T., Shiroma, T., Uezato, K. Improvement of the stability of power systems using stabilizing apparatus by adaptive control based on variable structure systems 80890
Senjyu, T., Toyama, H., Shimabukuro, T., Uezato, K. Observer-based vector control system for induction motors 71310
Senjyu, T. *see* Uezato, K. 71340
Senkader, S., Esfandyari, J., Hobler, G., Murphy, B. Simulation of internal gettering sites in Czochralski silicon 63213
Senkiene, E. *see* Mockus, J. 113100
Sen'ko, V. *see* Alvsvaag, S.J. 90124
Senlu Xu *see* Xu Senlu
Senn, M.A. *see* Schneider, P.H. 113869
Senn, P. *see* Bidet, E. 68865
Senn, P. *see* Deltoso, C. 73057
Senn, P. *see* Morche, D. 104632
Sennhauser, R. *see* Ohnesorge, K.W. 86761
Sennhauser, U. *see* Nellen, P.M. 119706
Sennott, L.I. The convergence of value iteration in average cost Markov decision chains 92412
Sennyu, K. *see* Tajima, T. 100491
Seno, H. *see* Kai, K. 109226
Seno, K. *see* Kurokawa, M. 77536
Seno, S. *see* Watanabe, A. 77985
Senoh, M. *see* Nakamura, S. 75914
Senoh, M. *see* Nakamura, S. 107293
Senoh, M. *see* Nakamura, S. 107296
Senoh, S. *see* Yajima, H. 81485
Senoh, T. *see* Kim, E.S. 76257
Senol, E. *see* Slone, R.M. 90326
Senoo, M., Yoshida, T., Omote, T., Tanaka, K., Koga, K. Development of an automated remote inspection system for the interior of the primary containment vessel of a nuclear power plant 111740
Senoussi, S., Kilic, A., Manuel, P., Gagnon, R., Taillefer, L., Traxler, H. Anomalous flux pinning and flux creep near the critical state 106651
Sensharma, P.K., Haftka, R.T. Limits of stress reduction in a plate with a hole using piezoelectric actuators 106395
Sensiper, M. *see* Beck, W.A. 69289
Sensu, Y. *see* Sekiguchi, A. 74654
Sentelle, C.G., Voelker, R.H. FD-TLM electromagnetic field simulation of high-speed Josephson junction digital logic gates 93227
Senthikumaran, N., Ravi, S., Sethupati, K., Rangarajan, G., Sreenivas, K. Magneto-conductivity in NdBa$_2$Cu$_3$O$_{7-\delta}$ thin film 115903
Senthilnathan, G.G., Hoole, P.R.P. A single measurement processor for electromagnetic radiation source analysis 99897
Sentis, M. *see* Bernard, N. 65023
Sentis, M. *see* Le, H.C. 92832
Sentis, M. *see* Movtchan, I.A. 94625
Sentis, M. *see* Tassy, I. 107059
Sentis, M.L. *see* Hofmann, Th. 107057
Sentman, D.D. Schumann resonance spectra in a two-scale-height Earth-ionosphere cavity 97126
Sentman, L.H. *see* Theodoropoulos, P.T. 75793
Sentoku, Y. *see* Furukawa, H. 96508
Sentrayan, K., Michael, A., Kushawaha, V. Design of a compact blue-green stimulated hydrogen Raman shifter 65469
Sentuberry, C. *see* Derewonko, H. 104875
Sentubery, C. *see* Derewonko, H. 73813
Senturia, S.D. Correlated methods for evaluating polymer properties, interfaces, and adhesion 60644
Senturia, S.D. *see* Gilbert, J.R. 74898
Senuliene, D. *see* Galdikas, A. 74546
Senuliene, D. *see* Galdikas, A. 89191
Senyarich, S. *see* Bernard, M.C. 121841
Senyo, K. *see* Hazumi, M. 100854
Senyukov, V. *see* Shalnov, A. 100483
Senyukov, V. *see* Shalnov, A. 100783
Senzaki, J., Mitsunaga, O., Uchida, T., Ueno, T., Kuroiwa, K. Fabrication of c-axis oriented Pb(Zr,Ti)O$_3$ thin films on Si(100) substrates using MgO intermediate layer 104106
Senzhi, S. *see* Asada, H. 118513
Senzu Yang *see* Yan Gao 73698
Seo, B.S., Chang, Y.H., Lee, C.W. Interference effects between digital-modulated ATV signals and FM-TV signals in satellite broadcasting channel 68864
Seo, B.S., Lee, J.H., Lee, C.W. Approach to blind decision feedback equalisation 108244
Seo, D.-S. *see* Nishikawa, M. 106870
Seo, D.-W. *see* Choi, I.-S. 83086
Seo, D.C. *see* Park, J.H. 105781
Seo, H.J. *see* Ju, J.J. 107164
Seo, I. Piezoelectricity of vinylidene cyanide copolymers and their applications 106336
Seo, I. *see* Matsuno, H. 107526
Seo, J., Na, S. Encoding of a run-length source using recursive indexing 118310
Seo, J.M., Kim, Y.-K., Lee, H.G., Chung, Y.-S., Kim, S. Reduction of gap states of ternary III-V semiconductor surfaces by sulfur passivation: comparative studies of AlGaAs and InGaP 83834
Seo, J.S., Lee, S.S., Choe, C.S., Daniel, S., Hong, K.D., Yoon, C.K. Photoemission spectrum analysis–a powerful tool for increased root cause success 106118
Seo, K., Morita, M., Nakamura, S., Yamada, T., Jizo, Y. Minimum quench energy measurement for superconducting wires 95439
Seo, S.-H., Kim, J.-H., Lee, P.-W., Chang, H.-Y. Characteristics of an inductively coupled Cl$_2$-Ar plasma and its application to Cu etching 63393
Seo, S.-H. *see* Kim, J.-H. 63465
Seo, S.-H. *see* Lee, P.-W. 63398
Seo, Y. *see* Kozu, J. 115758
Seo, Y.H., Nahm, K.S., Suh, E.-K., Lee, H.J., Hwang, Y.G. Epitaxial growth of 3C–SiC(111) on Si wafer from tetramethylsilane by rapid thermal chemical vapor deposition: growth mechanism 103991
Seo Chong Hwa *see* Chong Hwa Seo
Seo Chulhun *see* Chulhun Seo
Seo Dong-Sun *see* Dong-Sun Seo
Seo Hee-Don *see* Hee-Don Seo
Seo Jae Myung *see* Jae Myung Seo
Seo Jang-Cheol *see* Jang-Cheol Seo
Seo Jeong Hyun *see* Jeong Hyun Seo
Seo Jeong-Seon *see* Jeong-Seon Seo
Seo Jin-Heon *see* Jin-Heon Seo
Seo Jung-Hyun *see* Jung-Hyun Seo
Seo Kang Hyun *see* Hyun Seo Kang
Seo Ki Lee *see* Hyeun Tae Lee 67597
Seo Koo Yong *see* Yong Seo Koo
Seo Kwang-Yell *see* Kwang-Yell Seo
Seo Sang-Hun *see* Sang-Hun Seo
Seo Seung-Woo *see* Seung-Woo Seo
Seo Swung-Woo *see* Swung-Woo Seo
Seo Yeon Park *see* Kyong Hon Kim 65079
Seo Yeon Park *see* Kyong Hon Kim 65103
Seo Yong Duck *see* Yong Duck Seo
Seo Yong-Pil *see* Yong-Pil Seo
Seo Yongduek *see* Yongduek Seo
Seo Young-Taek *see* Young-Taek Seo
Seo Youngjoo *see* Youngjoo Seo
Seo-Yeon Park *see* Min-Yong Jeon 65073
Seo-Yoon Kim, Yoon-Ho Song, Kee-Soo Nam, Choochon Lee Field-effect conductance activation energy in polycrystalline silicon thin-film transistors after bias stress 63710
Seoane, A. *see* Fontan, F.P. 68160
Seoane, A. *see* Santos, D.J. 116668
Seob Cho Kyo *see* Kyo Seob Cho
Seob Eom Jin *see* Jin Seob Eom
Seob Jeong Heui *see* Heui Seob Jeong
Seob Kang Jin *see* Jin Seob Kang
Seob Kwon Bo *see* Bo Seob Kwon
seog Jun Moon *see* Moon seog Jun
Seog Tae Han, Hyo Ryung Kim, Chang Hoon Lee, Jong Ae Park, Hyun Soo Jung, Gwang Dong Kim, Tae Sung Kim, Dong Chul Park A design of single side-band filter for millimeter wave using Martin-Puplett interferometer 93732
Seog-Joo Kang, Seung-Ki Sul Highly dynamic torque control of synchronous reluctance motor 121465
Seog-Joo Kang *see* Jang-Mok Kim 121972
Seog-Jun Lee *see* Bai-Sun Kong 73306
Seog-Jun Lee *see* Bai-Sun Kong 104437
Seog-Weon Kang, Kyeong-Sik Min, Kwyro Lee Parametric expression of subthreshold slope using threshold voltage parameters for MOSFET statistical modeling 105947
Seog-Whan Kim *see* Yamamoto, A. 89625
Seoghyeong Lee, Jong-Wan Park Effect of fluorine on dielectric properties of SiOF films 115394
Seok Baek Young *see* Young Seok Baek
Seok Bung Han *see* Kang Chul Kim 83088
Seok Bung Han *see* Kang Chul Kim 83089
Seok Chang Kim, Byeong Gi Lee A theory on sequence spaces and shift register generators 66524
Seok Ho Song *see* Jong-Sool Jeong 95738
Seok Ho Song *see* Sang-Don Jung 64863
Seok Hong Kwang *see* Kwang Seok Hong
Seok Hyun Yoon *see* Kim, P. 97643
Seok Hyun Yun, Bong Kyu Kim, Ho Jin Jeong, Byoung Yoon Kim Suppression of polarization dependence in a two-mode-fiber acousto-optic device 75625
Seok Hyun Yun *see* Bong Kyu Kim 100063
Seok Hyun Yun *see* Jin Sik Park 100066
Seok Jul-Ki *see* Jul-Ki Seok
Seok Kil Han, Jeha Kim, Kwang Yong Kang Microwave properties using a microstrip line of YBa$_2$Cu$_3$O$_{7-\delta}$ thin films 84874

Seok Ko Han *see* Han Seok Ko
Seok Noh Hong *see* Hong Seok Noh
Seok Oh Hyun *see* Hyun Seok Oh
Seok Park Cheon *see* Cheon Seok Park
Seok Yoon Hwang *see* Dug Hun Hong 60861
Seok-Chan Jeong *see* Ho-Sang Ham 73866
Seok-Hee Bae *see* Ohtani, A. 76437
Seok-Hee Hwang, Yun-Phil Eo, Jung-Hyun Seo, Ki-Woong Whang, Euijoon Yoon, Heung-Sik Tae Noncontact minority carrier lifetime measurement of Si and SiGe epilayers prepared by ultrahigh vacuum electron cyclotron resonance chemical vapor deposition 83794
Seok-Hee Hwang *see* Jin-Won Park 84084
Seok-Ho Song *see* Deug-Ju Lee 95866
Seok-Hyun Lee *see* Hyun-Ho Doh 84139
Seok-Hyun Lee *see* Hyun-Ho Doh 114930
Seok-Ik Chae *see* Jeong-Min Kim 109280
Seok-Jin Yoon *see* Dong-Hun Yeo 95238
Seok-Ju Kang *see* Maeng-Sub Cho 87067
Seok-Keun Koh *see* Seok-Kyun Song 82732
Seok-Kil Han *see* Jeha Kim 83345
Seok-Kwon Jeong *see* Bong-Hwan Jeon 102708
Seok-Kyu Kweon, Shin, K.G. Traffic-controlled rate monotonic priority scheduling of ATM cells 87338
Seok-Kyun Hong *see* Jeong-Min Kim 109280
Seok-Kyun Song, Won-Kook Choi, Hyung-Jin Jung, Seok-Keun Koh, Hong-Koo Baik Characteristics of a metal ion source for fabricating Sn metal in an O_2 environment 82732
Seok-Myeong Jang *see* Young-Tae Park 79643
Seok-Whan Chung *see* Jong-Woo Shin 74974
Seok-Woo Kim *see* Ki-Yoong Hong 78409
Seok-Woon Lee, Tae-Hyung Ihn, Seung-Ki Joo Low-temperature dopant activation and its application to polycrystalline silicon thin film transistors 83870
Seok-Woon Lee, Tae-Hyung Ihn, Seung-Ki Joo Fabrication of high-mobility p-channel poly-Si thin film transistors by self-aligned metal-induced lateral crystallization 94970
Seok-Yoon Kim A practical test for unconditional stability of linear n-port networks [VLSI interconnect modeling] 106172
SeokBeom Kim, Ueno, Y., Ishiyama, A., Okada, H., Nomura, S., Maeda, H. Experiment and numerical analysis of normal zone propagation properties in Ag sheathed Bi-2223 superconducting tapes 95416
Seokhoon Kang *see* Kyungchul Park 118172
Seokjin Kim, Sridhar, R. Hardware design rule checker using a CAM architecture 73257
Seokrim Choi *see* Hyoungsoo Lim 109906
Seokrim Choi *see* Wonho Lee 109905
Seol, S.H. *see* Tae-Hyun Kim 103439
Seol, Y.S. *see* Ha, J.H. 63324
Seol Sang-Cheol *see* Sang-Cheol Seol
Seol Yuk Jong *see* Jong Seol Yuk
Seon Gyu Han, Hyuck Jae Lee, Myung-Hyun Lee, Hyung Jong Lee, Hye-Young Kim, Yong Hyub Won High performance 2×2 polymeric electro-optic switch with modified bifurcation optically active waveguide structure 116108
Seon Hong Choong *see* Choong Seon Hong
Seon Jong Chung *see* Hong Seong Chang 78601
Seon Jong Chung *see* Soon Ik Jeon 93802
Seon Kyu Park, Cheon Seok Park, Jung Woong Ra Microwave imaging of a perfectly conducting cylinder with the use of a simulated annealing approach 69478
Seon Lee Yeon *see* Yeon Seon Lee
Seon Ryoo Jeong *see* Jeong Seon Ryoo
Seon Song Won *see* Won Seon Song
Seon-Ju Kim *see* Sang-Bae Yi 83108
Seon-Kyou Choi *see* Shin Cho 98541
Seon-Taek Kim, Gi-Ho Yun, Han-Kyu Park Adaptive burst coherent demodulation for fast flat Rayleigh fading channels 108111
Seon-Ug Hwang *see* Lee, B.W. 93406
Seon-Young Cha *see* Byung-Tak Jang 83556
Seong, H.H. *see* Choi, B. 91712
Seong, H.H. *see* Choi, N.C. 91933
Seong, S.J. *see* Oh, S.G. 71775
Seong Bae Byung *see* Byung Seong Bae
Seong Bae Eun *see* Hyojeong Song 108886
Seong Byun Jae *see* Jae Seong Byun
Seong Chang Hong *see* Hong Seong Chang
Seong Che Woo *see* Woo Seong Che
Seong Deuk Kim *see* Hyun Duk Cho 77511
Seong Gyoon Park *see* Yeon Seon Lee 85138
Seong Ho Kang, Yong Duck Seo, Ki Sang Hong, Oh Hyun Kim A high speed digital range imaging sensor 89166
Seong Hoon Kim *see* Seung Kee Song 105197
Seong Ik Cho *see* Jun Ho Bang 93568
Seong Il Lim *see* Chen-Ching Liu 102270
Seong Ill Park *see* Youngkwon Ryu 87376
Seong Jeong Rim *see* Seong-Ho Han 102104
Seong Jin Yun *see* Hwan Jin Choi 66599
Seong Joon Ahn *see* Jin Sik Park 100066
Seong Jun Kang, Jeong Seon Ryoo, Yung Sup Yoon The effects of La content on the electrical and optical properties of $(Pb,La)TiO_3$ thin films 84683
Seong Jun Kang *see* Kyoung Won Kim 110170
Seong Keun Oh, Jong Hyek Lim, Sang Hun Sung, Tae Young Choi A fast code acquisition using integrated search and verification (ISV) scheme in the DS-SS system 109336
Seong Keun Oh *see* Hyung Uk Kwon 109335
Seong Keun Park *see* Won Woo Choi 70236
Seong Ki Mun *see* Freedman, M. 80320
Seong Ki Mun *see* Freedman, M. 80378
Seong Kim Nam *see* Nam Seong Kim
Seong Lee Ho *see* Ho Seong Lee
Seong Leem Choon *see* Choon Seong Leem
Seong Min Hwang *see* Kwang Myoung Rho 95001
Seong Park Hong *see* Hong Seong Park
Seong Poong Hyun *see* Poong Hyun Seong
Seong Rag Kim, Efron, A. Adaptive robust joint suppression of impulse noise and interference in direct sequence spread-spectrum systems 78345
Seong Ro Lee, Iickho Song, Yong Up Lee, Taejoo Chang, Hyung-Myung Kim Estimation of two-dimensional DOA under a distributed source model and some simulation results 117338
Seong Ryong Lee *see* Jun Ho Bang 93568
Seong Soo Choi, Jin Kyun Park, Jin Hyuk Hong, Han Gon Kim, Soon Heung Chang, Ki Sig Kang Development strategies of an intelligent human-machine interface for next generation nuclear power plants 81257
Seong Tae-Yeon *see* Tae-Yeon Seong
Seong Won Ryu, Chae Wook Lim, Kyu Tae Park A hierarchical layered model for DVD authoring system 109935
Seong Wook Jeong *see* Jun Rim Choi 104712
Seong-Ahn Hong *see* Suk Woo Nam 81781
Seong-Bae Lee *see* Sang-Bae Yi 83108
Seong-Bong Lee, Young Seok Baek, In Hag Park Image database construction for IC chip analysis CAD system 104274
Seong-Cheol Kim, Bertoni, H.L., Stern, M. Pulse propagation characteristics at 2.4 GHz inside buildings 97125
Seong-Dae Kim *see* Chan-Sik Kim 86528
Seong-Dae Kim *see* Hyun-Soo Kang 77281
Seong-Dae Kim *see* Min Sup Kim 87107
Seong-Dae Kim *see* Sang-Yeon Kim 117578
Seong-Dae Kim *see* Soon-Jae Cho 86655
Seong-Dong Kim, Min-Koo Han, Yearn-Ik Choi A shorted anode lateral MOS controlled thyristor with improved turn-off characteristics 94947
Seong-Gi Kim, Xiaoping Hu, Adriany, G., Ugurbil, K. Fast interleaved echo-planar imaging with navigator: high resolution anatomic and functional images at 4 Tesla 90383
Seong-Gyoon Kim *see* Hoi-Jin Choi 82585
Seong-Ho Han, Seong Jeong Rim, Jae-Chul Kim An optimum reliability evaluation for distribution systems with the application of genetic algorithm 102104
Seong-Hoon Kang, Sung-Han Kim Realistic audio teleconferencing using binaural and auralization techniques 67886
Seong-Hwan Kim *see* In-Ho Lee 81553
Seong-Hwan Lee *see* Hoon-Goo Lee 80807
Seong-Il Kim, Moo-Sung Kim, Yong Kim, Chang Sik Son, Seong-Min Hwang, Byung-Don, Eun Kyu Kim, Suk-Ki Min Control of GaAs lateral growth rate by CBr_4 during metalorganic chemical vapor deposition on patterned substrates 92697
Seong-Il Kim *see* Byung Don Min 84106
Seong-Il Kim *see* Chang-Sik Son 83862
Seong-Il Kim *see* Chang-Sik Son 105158
Seong-Il Kim *see* Tae-Geun Kim 105314
Seong-Jin Kim, Asahi, H., Takemoto, M., Asami, K., Takeuchi, M., Gonda, S. Self-organized dot/columnar structures and quasi-perfect CuPt-type ordering in $(GaP)_n(InP)_n$ superlattices grown on GaAs (N11) substrates by gas source molecular beam epitaxy 105328
Seong-Jin Kim *see* Joo-Hyong Noh 83967
Seong-Ju Park, Jeong-Rae Ro, Jeong Sook Ha, Sung-Bock Kim, Hyo-Hoon Park, El-Hang Lee, Jae-Yel Yi, Jeong Yong Lee Surface morphology of InGaAs on GaAs(100) by chemical beam epitaxy using unprecracked monoethylarsine, triethylgallium and trimethylindium 61208
Seong-Keun Lee *see* Jung-Young Son 96747
Seong-Kyu Park *see* Ho Soek 81267
Seong-Min Hong, Sang-Yeop Oh, Hyunsoo Yoon New modular multiplication algorithms for fast modular exponentiation 76825
Seong-Min Hwang *see* Seong-Il Kim 92697
Seong-Sue Kim, Young-Man Ahn, Kyung-Geun Lee, Bueung-Lyong Gill, Sung-Chul Shin Measurement of thermal conductivities of SiN and TbFeCo films 115618
Seong-Woo Suh *see* Byoungchoo Park 76158
Seonghearn Lee Fast and efficient extraction of HBT model parameters using multibias S-parameter sets 93817
Seonghoon Kang *see* Sunghan Kim 79160
Seongjae Lee *see* El-Hang Lee 106101
Seongjae Lee *see* Kyoung Wan Park 94536
Seongjae Lee *see* Kyoungwan Park 105294
Seongtae Jeong *see* Joo-Hiuk Son 105509
Seop Jeong In *see* In Seop Jeong
Seop Koh Chang *see* Chang Seop Koh
Seop Kwak Joon *see* Joon Seop Kwak
Seoung Keun Lee *see* Sang Rok Lee 87412
Seoung-Ho Lee *see* Hee-Cheol Choi 93530
Seoung-Jun Oh, Ji-Hun Kim Block-wise image representation using a new set of block pattern models 108666
Seow Woon Tai *see* Tai Seow Woon
Seppa, T.O. *see* Nieminen, K. 111643
Seppaelae, R. *see* Koivisto, H. 110540
Seppala, A. Statistical distribution of customer load profiles 81047
Seppala, A., Lehtonen, M. Distribution load estimation–a function for the electric utility in the deregulated electricity market 81031
Seppala, A. *see* Lehtonen, M. 81035
Seppala, L. *see* Murray, J.E. 96157
Sepulveda, J.L., Jech, D.E. Beryllia substrates for low-cost high-performance packages 82227
Sepulveda, J.L. *see* Danner, P. 92258
Sequeda, F. *see* Tang, X. 106494
Sequeira, C.A.C., Araujo, L.P.S., Pacheco, A.M.G. Development of energy-storage devices for a cleaner environment 112199
Sequeira, R.E., Preteux, F. Dynamic algorithm for constructing discrete Voronoi diagrams 77361
Ser, J.-H. *see* Shin, H.-E. 85511
Sera, K., Futatsugawa, S. Personal computer aided data handling and analysis for PIXE 100378
Sera, K. *see* Asada, H. 79622
Sera, K. *see* Okumura, F. 100198
Sera, K. *see* Sekine, H. 89142
Sera, N., Sano, Y. Thin panel switch with LED [for cellular telephones} 118679
Serabyn, E. Wide-field imaging optics for submm arrays 68788
Serabyn, E., Weisstein, E.W. Calibration of planetary brightness temperature spectra at near-millimeter and submillimeter wavelengths with a Fourier-transform spectrometer 88793
Serafat, M.R., Heute, U. A wide-band speech-model process as a test signal for objective quality assessment 117285
Serafimovich, P.G., Kotlyar, V.V. Regularization of an iterative phase-correction algorithm for synthetic-aperture radars 68746
Serafini, D. *see* Barbero, E. 98965
Serafini, G. *see* Rovaglio, M. 81293
Serafini, L. Micro-bunch production with radio frequency photoinjectors 79846
Serafini, L. Analytical description of particle motion in radio-frequency photo-injectors 79892
Serafini, L., Rosenzweig, J.B. Analytical model for emittance compensation in RF photo-injectors 89700
Serafini, L. *see* Burrini, D. 90029
Serafini, L. *see* Clayton, C.E. 79845
Serafini, L. *see* Ferrario, M. 89977
Serafini, L. *see* Fiorentini, G. 90088
Serafini, L. *see* Katsouleas, T.C. 79848
Serak, S. *see* Nekrasov, G. 95872
Serazzi, G. *see* Balbo, G. 78029
Serbat, A. *see* Benabdesselam, M. 110987
Serbin, S. *see* Depiero, F. 67459
Serbo, V.G. *see* Engel, R. 110522
Serbutoviez, C., Bosshard, C., Follonier, S., Knopfle, G., Feng, P., Gunter, P. Nonlinear optical properties of hydrazone derivatives 85620
Serbutoviez, C. *see* Pan, F. 113283
Serconek, S. *see* Massey, J.L. 97531
Sercu, J., Van Hese, J., Fache, N., Lagasse, P. Improved calculation of thin layer microstrip-slotline interactions using quasi-static images 114225
Sercu, S., Martens, L. A new algorithm for experimental circuit modeling of interconnection structures based on causality 60606
Serdijn, W.A. *see* Koster, R. 62071
Serdijn, W.A. *see* Mulder, J. 82970
Serdjuk, Ju.V., Bozhko, I.V., Falkovsky, N.I. Pashen's law application for determination of breakdown voltages of non-isothermic gas-discharge gaps 75014
Serdjuk, J.V., Bozhko, I.V., Falkovsky, N.I. Breakdown of gaseous dielectrics at non-isothermic heating up to 3600 K 64068
Serdobintsev, G.V. *see* Kozyrev, E.V. 79766
Serdobintsev, G.V. *see* Kozyrev, E.V. 114520
Serebrennikov, K.S. *see* Gorev, V.V. 100794
Serebryakov, A.V. *see* Dainichenko, N.V. 75092
Serebryakov, V.A. *see* Bayanov, V.I. 107356
Serebryannikov, A.E. *see* Avramov, K.V. 76415
Sereda, K.N. *see* Bizioukov, A.A. 120089
Seredkin, V.A. *see* Lepeshev, A.A. 104108
Sereeter, Z. *see* Fominykh, V.I. 69875
Sereno, D. *see* Cellario, L. 118697
Sereno, M. Approximate mean value analysis for stochastic marked graphs 113152
Sereno, N. *see* Grelick, A.E. 89767
Sereno, N.S., Fuja, R., Gold, C., Grelick, A.E., Nassiri, A., Song, J.J., White, M. Bunch length measurements at the Advanced Photon Source (APS) linear accelerator 89763
Sereno, N.S. *see* White, M. 89764
Serenyi, M. *see* Koltai, F. 107227
Serenyi, M. *see* Puspoki, S. 116500
Serenyi, M. *see* Rakovics, V. 107272
Serezhkin, Yu.G. *see* Dovbeshko, A.A. 107128
Serfass, J.A., Hester, S.L., Wills, B.N. Utility PhotoVoltaic group: status report 111839
Serga, E.V. *see* Gertsev, K.F. 79893
Sergeant, P. *see* Curnow, J.S.H. 90285
Sergeev, A. *see* Gelikonov, V. 120408
Sergeev, A. *see* Kamensky, V. 120511
Sergeev, A. *see* Siders, C.W. 79839
Sergeev, A.K. *see* Kuznetsova, R.T. 116394
Sergeev, A.K. *see* Kuznetsova, R.T. 116395
Sergeev, A.M., Kim, A.V., Vanin, E.V. Few-optical-cycle pulse interactions with matter: models and nonlinear effects 107443
Sergeev, A.P. *see* Kaminsky, A.K. 96513

Sergeev, A.S. *see* Ginsburg, N.S. 76066
Sergeev, A.S. *see* Ginzburg, N.S. 83764
Sergeev, A.S. *see* Ginzburg, N.S. 96510
Sergeev, A.S. *see* Ginzburg, N.S. 107361
Sergeev, A.S. *see* Kaminsky, A.K. 96513
Sergeev, A.V., Reizer, M.Yu. Photoresponse mechanisms of thin superconducting films and superconducting detectors 64535
Sergeev, S.A. *see* Mikhailov, A.I. 73690
Sergejew, A.A. *see* Klimovski, D. 120472
Sergent, A.M. *see* Morton, P.A. 107235
Sergent, A.M. *see* Park, Y.K. 99577
Sergent, A.M. *see* Tanbun-Ek, T. 78822
Sergent, A.M. *see* Tanbun-Ek, T. 119235
Sergent, J.E. Materials for multichip modules 83679
Sergent, M. *see* Lin, L.Y. 78673
Sergent, M. *see* Morton, P.A. 65369
Sergeyev, S.V. Orientational-relaxation dependent bichromatic operations of a ring cavity dye laser with polarized pumping 116399
Sergeyev, V.V., Frolova, L.G. Development and application of the algorithm of cylindric polynomial approximation of images in a sliding window 77224
Sergienko, A. *see* Migdall, A.L. 89528
Sergienko, I.V., Semenova, N.V. Integer programming problems with inexact data: Exact and approximate solutions 113163
Sergienko, T.I. *see* Kryuchin, A.A. 106772
Serhan, F. *see* Aldridge, B. 63950
Serick, F. *see* Hartel, G. 116421
Serikawa, T. *see* Ishida, S. 94998
Serin, T. *see* Alkan, B. 74124
Serinken, N., Jorgenson, M., Moreland, K.W., Chow, S., Willink, T. Polarisation diversity in high frequency radio data systems 109341
Serino, A. *see* Leuzzi, G. 73728
Serino, A. *see* Leuzzi, G. 93845
Serino, L. *see* Arcelli, C. 108635
Serio, F. *see* Licciardi, L. 98996
Serio, M. *see* Boni, R. 89750
Serio, M. *see* Claus, R. 100601
Serio, M. *see* Teytelman, D. 100523
Serizawa, H. *see* Sugitani, Y. 91979
Serizawa, M., Asakawa, S. Interruption characteristics of distributed dynamic channel allocation with reuse partitioning and power control 99367
Serizawa, M., Nonin, K., Kamagata, E., Nakajima, N., Tsunoda, K., Kumaki, Y. SDL-Net: a wireless access link to broadband multimedia networks 118572
Serizawa, M. *see* Sakamoto, T. 119005
Serizawa, N. *see* Shin, K.-C. 65227
Serizawa, N. *see* Tamura, M. 63376
Sermage, B., Benchimol, J.L., Michel, J.C., Alexandre, F., Launay, P., Caffin, D. Carrier lifetime in carbon doped In$_{0.53}$Ga$_{0.47}$As 105145
Sermage, B. *see* Bloch, J. 65308
Sermage, B. *see* Gerard, J.M. 63082
Sermage, B. *see* Gerard, J.M. 75735
Sermeus, L. *see* Blas, F. 79935
Sermon, P.A., Vong, M.S.W., Bazin, N., Badheka, R., Spriggs, D. Recent developments in silica sol-gel anti-reflection (AR) coatings 85245
Sermon, P.A. *see* Spriggs, D.M. 107473
Sermon, P.A. *see* Vong, M.S.W. 85553
Serna, J., Piquero, G., Mejias, P.M., Martinez-Herrero, R. Parametric characterization of Hermite-Gauss mode beams and Gauss Schell-model fields propagating through super-Gaussian apertures 85572
Sernelius, B.E. Excitation-induced optical switching in transparent coatings 94377
Sernelius, B.E. *see* Ferreira, A.C. 62963
Sernelius, B.E. *see* Ferreira, A.C. 105400
Sernelius, B.E. *see* Soderstrom, E. 62948
Sernussi, A.A. *see* Abbade, M.L.F. 94528
Seront, G., Bersini, H. Simplex GA and hybrid methods 92566
Seroussi, G., Weinberger, M. On tree sources, finite state machines, and time reversal 66440
Seroussi, G. *see* Weinberger, M.J. 86727
Serov, A.V. The spatial distribution of the particles of the beam interacting with an inhomogeneous electromagnetic wave 96957
Serov, O.B. *see* Dement'ev, D.A. 65572
Serov, V.L. *see* Esin, S.K. 89735
Serov, V.L. *see* Esin, S.K. 90100
Serov, V.V. *see* Valuev, V.V. 96106
Serpedin, E. *see* Giannakis, G.B. 117930
Serpen, G. *see* Cios, K.J. 101306
Serpenguzel, A. *see* Griffel, G. 65387
Serpi, A. *see* Anedda, A. 62944
Serpico, C. *see* Miano, G. 64280
Serpico, C. *see* Miano, G. 65788
Serpico, S.B., Bruzzone, L., Roli, F., Gomarasca, M.A. An automatic technique for detecting land-cover transitions 120918
Serpico, S.B. *see* Smits, P.C. 111141
Serpiello, J. *see* Kudva, S.M. 92351
Serpone, N. *see* Sahyuna, M.R.V. 76106
Serpuchenko, I. *see* Tarasov, M. 73702
Serra, A. *see* Cricenti, A. 69371
Serra, A. *see* Cricenti, A. 104125
Serra, A. *see* Di Giulio, M. 61430
Serra, A. *see* Di Giulio, M. 100164
Serra, A. *see* Micocci, G. 119784
Serra, A.Cruz *see* Cruz Serra, A.
Serra, G. *see* Casadei, D. 121772
Serra, G. *see* Casadei, D. 121955
Serra, G. *see* Nielsen, P. 112134
Serra, J. *see* Leon, B. 61365
Serra, L., Azzini, G.A., Montangero, P. Blue shift and mirror degradation in InGaAs/GaAs strained quantum well lasers 96319
Serra, L. *see* Montangero, P. 95989
Serra, L. *see* Montangero, P. 96433
Serra, O. *see* Hamidoune, Y.O. 72506
Serra, S. *see* Fiorentino, G. 72678
Serra, S. *see* Fiorentino, G. 113225
Serradell, V. *see* Martorell, S. 71043
Serradell, V. *see* Martorell, S. 121283
Serrano, D., Cova, P. An analytical model for the I-V and C-V characteristics of a non-abrupt n/p-InP epitaxial junction grown by metal organic vapor phase epitaxy 94489
Serrano, E.P., Fabio, M.A. Application of the wavelet transform to acoustic emission signals processing 66825
Serrano, J.J. *see* Campelo, J.C. 98733
Serrano, L., Carlosena, A. MOSFET-C filter design based on impedances simulation 104686
Serrano, M.A.Lozano *see* Lozano Serrano, M.A.
Serrano Iribarnegaray, L. Development of a modern training system for converter-fed electrical drives in an automation compound 92079
Serrano-Gotarredona, T., Linares-Barranco, B. A real-time clustering microchip neural engine 62106
Serrano-Gotarredona, T., Linares-Barranco, B. A modified ART 1 algorithm more suitable for VLSI implementations 114168
Serrano-Gotarredona, T., Linates-Barranco, B., Huertas, J.L. A real time clustering CMOS neural engine 93640
Serrano-Heredia, A., Guowen Lu, Purwosumarto, P., Yu, F.T.S. Measurement of the phase modulation in liquid crystal television based on the fractional-Talbot effect 116138
Serrano-Heredia, A. *see* Ibarra, J.G. 116124
Serrano-Iribarnegaray, L. Critical review of the scientific background underlying the generalized machine theory and correlation theorems in the space-phasor theory [discussion and reply] 81399
Serrat, C. *see* Kul'minskii, A. 116585
Serrat, J. *see* Lopez, A.M. 67241
Serre, C., Calvo-Barrio, L., Perez-Rodriguez, A., Romano-Rodriguez, A.A., Morante, J.R., Pacaud, Y., Kogler, R., Heera, V., Skorupa, W. Ion-beam synthesis of amorphous SiC films: structural analysis and recrystallization 61248
Serre, C. *see* Perez-Rodriguez, A. 94712
Serre, M. *see* De Mathan, N. 82821
Serrensen, J.T. *see* Bak-Jensen, B. 60909
Serreze, H.B., Linden, K.J., Zhou, S., Chen, Y.C. Diode-pumped, self-Q-switched, independently-addressable laser arrays 96213
Serri, A. *see* Cincotti, S. 73831
Serri, A. *see* Cincotti, S. 121827
Serri, A. *see* Fanni, A. 96904
Serru, V. *see* Camiade, M. 73772
Sertore, D. *see* Di Bona, A. 104998
Sertore, D. *see* Michelato, P. 90110
Servagent, N. *see* Bosch, T. 109800
Servagent, N. *see* Bosch, T. 110386
Servajean, M.F. *see* Michot, J.L. 87853
Servat, J., Gorostiza, P., Sanz, F., Perez-Murano, F., Barniol, N., Abadal, G., Aymerich, X. Nanometer scale lithography of silicon (100) surfaces using tapping mode atomic force microscopy 84261
Servidori, M., Milita, S., Cembali, F., Lulli, G. Static disorder in Si$_{1-x}$Ge$_x$ alloys and in silicon on insulator structures 61273
Servidori, M. *see* Milita, S. 74098
Servidori, M. *see* Nipoti, R. 94695
Serviere, C. Blind source separation of convolutive mixtures 117507
Servin, M., Malacara, D. Sub-Nyquist interferometry using a computer-stored reference 96765
Servin, M. *see* Aguayo, F. 115441
Servin, M. *see* Cuevas, F.J. 119863
Servin, M. *see* Ochoa, N.A. 110402
Servranckx, R.V. *see* Kaltchev, D. 89823
Servuli, V.A. *see* Alyoshin, V.A. 106314
Serwazi, M. *see* Reichardt, J. 80658
Sery, F. *see* Fjortoft, R. 109757
Sery, M. *see* Sicha, M. 113494
Seryanov, Yu.V., Mel'nikova, M.V., Bol'shinskova, T.A., Fomenko, L.A. Thermal conditions and kinetics of deposition of palladium 'lines' in laser irradiation of Pd$_m$L$_n$Cl$_k$ films on Al$_2$O$_3$ 63462
Seryikh, Yu.P. Application of diffraction speckle-patterns for recovery of image 86905
Seryikh, Yu.P. *see* Frolov, A.V. 86903
Seryikh, Yu.P. *see* Frolov, A.V. 86904
Sesay, A.B., Gibbard, M.R. Asymmetric signal processing for indoor wireless LANs 87835
Sesay, A.B. *see* Benner, E. 68104
Seselja, B., Tepavcevic, A. Fuzzy groups and collections of subgroups 113141
Sesena, J. *see* Molina, A. 109924
Sesha Reddy, M., Ramakrishna Reddy, K.T., Naidu, B.S., Reddy, P.J. Electrical properties of CuGaTe$_2$ thin films 94436
Seshadri, K. *see* Lercel, M.J. 94863
Seshadri, N., Kim, J. Coding and modulation for simultaneous voice and data transmission 88151
Seshadri, P. *see* Pham, T.V. 81863
Seshadri, R., Sriram, V.K., Raja Rao, C. An IC ECG simulator 120431
Seshadri, S., Srinivasan, V. Design of effective buffer control policies for ATM networks 98366
Seshadri, S. *see* Agarwal, A.K. 105997
Seshadri, S. *see* Brandt, C.D. 104054
Seshadri, S.R. *see* So, D.W.C. 116969
Seshadri, S.R. *see* Soa, D.W.C. 64759
Seshadri, V. *see* Bagchi, S. 81474
Seshadri, V. *see* Reddy, H. 71168
Seshadri, V.N. *see* Linick, E.H. 98627
Seshagiri, N. *see* Arora, R.K. 109838
Seshagiri, N., Akopov, A. *(editors)* Wireless Computer Communication. Emerging Business Opportunities. Papers Presented at the International Conference on Wireless Computer Communication: Emerging Business Opportunities (Infocom'94) 112683
Seshan, S. *see* Balakrishnan, H. 118126
Seshu, P., Naganathan, N.G. Analysis of strain induced in piezoelectric actuated beams 95311
Seshu, P. *see* Onders, J.P. 84712
Sessa, M. *see* Arfelli, F. 90367
Sessa, M. *see* Arfelli, F. 90432
Sessanna, D. *see* Hiemenz, L. 70176
Sessler, A. *see* Giordanot, G. 89673
Sessler, A. *see* Kwok, P. 89918
Sessler, A. *see* Robin, D. 79871
Sessler, A. *see* Westenskow, G. 83757
Sessler, A.M. Photon-photon colliders 79796
Sessler, G.M. *see* Klemberg-Sapieha, J.E. 113437
Sestak, J. *see* Sestakova, V. 92662
Sestak, J. *see* Sestakova, V. 103810
Sestakova, V., Stepanek, B., Mares, J.J., Sestak, J. Decrease in free carrier concentration in GaSb crystals using an ionized hydrogen atmosphere 92662
Sestakova, V., Stepanek, B., Sestak, J. Various methods for the growth of GaSb single crystals 103810
Sestini, F. *see* Baiocchi, A. 88246
Sestini, F. *see* Baiocchi, A. 88286
Sestini, F. *see* Priscoli, F.D. 78516
Sestskova, V. *see* Hubik, P. 74272
Seta, D.de *see* de Seta, D.
Seta, K., Fujima, I., Ishikawa, I. An outdoor laser tracking system 107655
Seta, K. *see* Fujima, I. 119864
Seta, K. *see* Hara, H. 93354
Setarehdan, S.K., Soraghan, J.J., Hunter, I.A. Fully automatic left ventricular myocardial boundary detection in echocardiographic images: a comparison of two modern methods 70005
Setbacken, R. System performance and application tradeoffs determine the choice between encoders and resolvers in brushless servos 81646
Seth, D.P.S. *see* Bhargava, V.K. *(editor)* 92040
Seth, M., Datta, A.K. Optical implementation of a connectionist model of Hough transform 85218
Seth, M., Datta, A.K. Parallel arithmetic operations in an optical architecture 95899
Seth, S.C. *see* Einspahr, K.L. 93304
Seth, T. *see* Panwar, O.S. 105540
Sethares, W.A. *see* Chi-Chin Chou 103716
Sethares, W.A. *see* Gronquist, J.F. 91094
Sethares, W.A. *see* Sharma, R. 108309
Sethi, A.S. *see* Markowski, M.J. 87753
Sethi, I.K. *see* Bo Shen 66926
Sethi, I.K. *see* Patel, N.V. 66925
Sethi, I.K. *see* Reimann, D.A. 101345
Sethi, I.K. *see* Shen, B. 86318
Sethi, I.K. *see* Shen, B. 108712
Sethi, S. *see* Houmin Yan 60565
Sethian, J. *see* Nolting, E. 69899
Sethian, J.A. *see* Malladi, R. 66986
Sethian, J.A. *see* Malladi, R. 67079
Sethian, J.A. *see* Malladi, R. 67242
Sethian, J.A. *see* Malladi, R. 110751
Sethian, J.A. *see* Malladi, R. 117848
Sethian, J.D. *see* Miller, J.D. 69900
Sethupati, K. *see* Senthikumaran, N. 115903
Sethuraman, A.R., Jiun-Fang Wang, Cook, L.M. Copper vs aluminum: a planarization perspective 84236
Sethuraman, S., Siegel, M.W., Jordan, A.G. Segmentation based coding of stereoscopic image sequences 86588
Sethuraman, S.K., Saravanan, M.G., Sagar, P. Knowledge-based pulse width modulated embedded control and on-line condition monitoring of A.C. drives 121927
Setiadi, D., Sarro, P.M., Regtien, P.P.L. A 3×1 integrated pyroelectric sensor based on VDF/TrFE copolymer 89065
Setiagung, C. *see* Yamada, T. 83858
Setkus, A. *see* Galdikas, A. 69356
Setkus, A. *see* Galdikas, A. 89191
Setnic, S. *see* Badea, T. 69345
Seto, J., Asai, N., Fujiwara, I., Ishibashi, T., Kamei, T., Tamura, S. Functional organic ultra-thin films for device applications 85042
Seto, J. *see* Fujiwara, I. 74493
Seto, J. *see* Sato, N. 88747
Seto, M., Watanabe, T. Calculation of induction arrow: comments on Everett-Hyndman's formula 70468
Seto, S. *see* Suzuki, K. 74140
Seto, S. *see* Suzuki, K. 74141
Seto, T. *see* Kawata, K. 73884

Seto, Y., Kodaira, T. The trend of high resolution satellite remote sensing 120904
Seton, J. *see* McGowan, U. 103320
Setoya, T., Matsuura, T., Furuta, K., Terui, Y., Soekawa, Y., Koike, S., Kishimura, Y. Examination of reflow resistance for copper frame SMD products 112901
Setsuhara, Y. *see* Matsuoka, M. 92816
Setsune, K. *see* Enokihara, A. 115965
Settakorn, C. *see* Bocek, D. 96450
Settarova, Z.S. *see* Dyskin, V.G. 81876
Sette, F. *see* Verbeni, R. 110628
Settembre, M. *see* Matera, F. 88542
Settembre, M. *see* Matera, F. 116954
Setter, N. *see* Damjanovic, D. 84684
Setter, N. *see* Fox, G.R. 75593
Setter, N. *see* Fox, G.R. 85151
Setter, N. *see* Fox, G.R. 106794
Setter, N. *see* Kholkin, A.L. 64072
Setter, N. *see* Kholkin, A.L. 64089
Setti, L., Driouach, A., Lefeuvre, S., Audhuy-Peaudecerf, M. Computation of fields and input impedance of a loaded microwave oven with a hybrid method 112608
Settineri, R., Najim, M., Ottaviani, D. Order statistic fast Kalman filter 117432
Settle, J.J. On the relationship between spectral unmixing and subspace projection 90759
Settle, T.F., Ligang Lu Digital bit stream generator for testing MPEG video decoders 109869
Settles, R. *see* Alexandrof, V.A. 100628
Settles, R. *see* Mours, B. 100821
Settles, R. *see* Mours, B. 120196
Setty, R. *see* Kaylie, H. 72213
Setty, S., Toumazou, C. N-folded cascode technique for high frequency operation of low voltage op amps 61669
Setty, S. *see* Manetakis, K. 74828
Setzer, M. *see* Engel, H. 80851
Setzkorn, R. *see* Beteille, D. 110913
Seu, R. *see* Carnassale, A. 68619
Seu, R. *see* Fedele, G. 109845
Seub Kim Hong *see* Hong Seub Kim
Seung Chan Bang, Souguil Ann A robust algorithm for adaptive FIR filtering and its performance analysis with additive contaminated-Gaussian noise 66721
Seung Chang Park, Dae Ig Chang, Euy Kyo Oh Performance improvement of an active redundancy control system interfaced to a network management system 98587
Seung Do Kim *see* Joong Hyup Ko 79020
Seung Duk Choi, Choong Jin Yang Rapidly solidified Fe-6.5%Si alloy powders for high frequency use 64310
Seung Eek Park *see* Mulvihill, M.L. 92660
Seung Goo Kang, Min Kyu Song, Nam Hwang, Chan Yong Park, Hee Tae Lee, Kwang Eui Pyun High-speed optical receiver module fabrication using laser welding technique 119229
Seung Han, Poong Hyun Seong Benefit assessment of using in-core neutron detector signals in CPCS 81266
Seung Hoon Hwang *see* Ki Jun Kim 118864
Seung Hwa Beack *see* Do Run Kim 90343
Seung Hyun Nam, Moon Key Lee Flexible VLSI architecture of motion estimator for video image compression 73433
Seung Hyung Lee *see* Suh, K.S. 64106
Seung Il Min *see* Chae Deok Lee 92748
Seung Jong Park *see* Sung Joo Kim 97608
Seung Kee Song, Seong Hoon Kim, Young Min Park Studies on the electrical conductivity of V_2O_5-B_2O_3-PbO glass system 105197
Seung Kim Hong *see* Hong Seung Kim
Seung Koo Cho *see* Kwang Bae Lee 64166
Seung Kwan Kim *see* Hyo Sang Kim 75843
Seung Kwan Kim *see* Hyo Sang Kim 96147
Seung Lee Ki *see* Lee Ki Seung
Seung Lee Taek *see* Taek Seung Lee
Seung Ryu Yeon *see* Yeon Seung Ryu
Seung Shin Ho *see* Ho Seung Shin
Seung Wha Lee *see* Chul Sung Kim 64316
Seung Won Lee *see* Jeong Soo Kim 103891
Seung Won Lee *see* Joo-Heon Ahn 96421
Seung-Chang Lee *see* Sang-Gi Kim 61253
Seung-Duck Choi, Choong-Jin Yang Spinodal decomposition and magnetic properties of sintered Alnico magnets via rapidly solidified powders 82769
Seung-Goo Kang *see* Chan-Yong Park 85276
Seung-Hak Yang *see* Young-Cheol Lim 102686
Seung-Hee Hong *see* Hong Seung-Hee
Seung-Hee Kim *see* Moon-Kyun Oh 87864
Seung-Heon Lyu *see* Kyung-Sun Choi 102480
Seung-Ho Ahn, Hwang-Gyu Yoon, Se-Yong Oh Reliability improvement of plastic ball grid array package by UV/ozone cleaning 82212
Seung-Ho Ahn, Tae-Je Cho, Yoon-Soo Kim, Se-Yong Oh Prevention of aluminum pad corrosion by UV/ozone cleaning 115017
Seung-Ho Chang *see* Taek-Beom Koh 74565
Seung-Ho Hyun *see* Young-Moon Park 101889
Seung-Ho Shin, Campbell, S., Pochi Yeh Spatial differentiation of optical images using selective erasure of photorefractive holograms 108438
Seung-Ho Tak *see* Myung-Ryul Choi 86155
Seung-Ho Tak *see* Myung-Ryul Choi 97913
Seung-Hoon Lee *see* Byung-Tak Jang 83556
Seung-Hoon Lee *see* He-Young Lee 106193
Seung-Hoon Lee *see* Hee-Cheol Choi 93530
Seung-Hoon Lee *see* Min-Gyu Kim 93120
Seung-Hoon Lee *see* Shin-Il Lim 73492
Seung-Hyun Song, Hong-Bae Lee, Hyun-Kyo Jung, Song-Yop Hahn, Changyul Cheon, Hyeong-Seok Kim Spectral domain analysis and optimum design of the spiral inductor on multilayer substrates 104902
Seung-Ill Moon *see* Jang-Cheol Seo 80916
Seung-Jae Hahm *see* Sang-Sung Han 68311
Seung-Jae Lee *see* Chen-Ching Liu 102270
Seung-Jin Choi, Schultz, R.R., Stevenson, R.L., Yih-Fang Huang, Ruey-Wen Liu Contrast enhancement of missile video sequences via image stabilization and product correlation 90895
Seung-Jo Han *see* Haeng-Soo Oh 66426
Seung-Jong Park, Hun-Bum Ha, Jong-Tai Chung, Yoon-Sub Shim, Do-Young Lee Frequency coordination between adjacent carriers of two CDMA operators 118960
Seung-Ki Joo *see* Hoon-Sang Oh 115611
Seung-Ki Joo *see* Kyu-Ho Hwang 112223
Seung-Ki Joo *see* Seok-Woon Lee 83870
Seung-Ki Joo *see* Seok-Woon Lee 94970
Seung-Ki Joo *see* Yong-Jin Song 115647
Seung-Ki Joo *see* Yong-Jin Song 115651
Seung-Ki Sui *see* Jong-Woo Choi 121583
Seung-Ki Sul *see* Duk-Bae Suh 71753
Seung-Ki Sul *see* Heui-Wook Kim 103068
Seung-Ki Sul *see* Jang-Mok Kim 121972
Seung-Ki Sul *see* Jong-Hwan Song 71266
Seung-Ki Sul *see* Jong-Woo Choi 71295
Seung-Ki Sul *see* Joohn-Sheok Kim 71765
Seung-Ki Sul *see* Joohn-Sheok Kim 112083
Seung-Ki Sul *see* Jul-Ki Seok 121970
Seung-Ki Sul *see* Seog-Joo Kang 121465
Seung-Kwon Paek, Ji-Heup Kim, Byung-Sup Kwon, Dae-Hyun Chung, Lee-Sup Kim A mode-changeable 2-D DCT/IDCT processor for digital VCR 109931
Seung-Moon Ryu *see* Byeong-Chul Ahn 68295
Seung-Moon Ryu *see* Yong-Wan Park 78438
Seung-Moon Ryu *see* Yong-Wan Park 118899
Seung-Moon Yoo *see* Jei-Hwan Yoo 73371
Seung-Rae Lee *see* Freiling, G. 82367
Seung-Soo Han, Li Cai, May, G.S., Rohatgi, A. Modeling the growth of PECVD silicon nitride films for solar cell applications using neural networks 102996
Seung-Woo Lee, Hong-Bae Lee, Hyun-Kyo Jung, Song-Yop Hahn, Pan-Seok Shin, Changyul Cheon Analysis of 3D microwave oven using finite element method 112618
Seung-Woo Lee *see* Hong-Bae Lee 65960
Seung-Woo Seo, Bergman, K., Prucnal, P.R. Transparent optical networks with time-division multiplexing 78737
Seung-Woo Seo, Prucnal, P.R., Kobayashi, H. Generalized multihop shuffle networks 109680
Seung-Wood Lee *see* Changyul Cheon 104793
Seung-Wook Eom *see* Moohee Lee 83274
Seung-Wook Kang *see* Hoon-Goo Lee 80807
Seung-Yo Lee *see* Jong-Gyu Hwang 121058
Seung-Youp Han, Jong-Min Na, Jin-Cheol Shin, Yearn-Ik Choi, Sang-Koo Chung On the minimum epi layer length of RESURF diodes 74676
Seung-Youp Han, Jong-Min Na, Yearn-Ik Choi, Jin-Cheol Shin, Sang-Koo Chung An analytical model of the breakdown voltage and minimum epi layer length for RESURF pn diodes 84294
Seung-Youp Han *see* Sang-Koo Chung 76333
Seungbum Hong *see* Zhong-Tao Jiang 115101
Seunghyeon Rhee *see* Hyun Meen Jung 118690
Seungkyu Kim *see* Sungkeun Lee 67868
Seungug Koh, Ahn, C.H. Novel integrated optical I/O couplers on MCMs using MEMS techniques 96045
Seungug Koh, Lun Ye Optical link simulation using VHDL 99601
Seungwon Choi, Yusik Yun, Myongkyun An Additional techniques for enhancing the performance of DFE in a modelled mobile frequency-selective fading channel 78461
Seungwon Choi *see* Hyeun Bae Lee 97807
Seungyup Paek, Shih-Fu Chang Video server retrieval scheduling for variable bit rate scalable video 98848
Seuntjens, J. *see* Palmans, H. 80510
Seuntjens, J. *see* Palmans, H. 90658
Seurer, M., Spreiter, Q., Toepffer, C. Limited heating rates in strongly coupled particle beams 79833
Sevcik, D.R. *see* Kezunovic, M. 102924
Sevcik, M. *see* Lehmann, A. 108938
Sevcik, M. *see* Lueder, R. 98820
Sevcik, P. Minimizing WAN costs to support WEB traffic 109021
Sevely, J. *see* Grob, A. 94660
Sevenhans, J. *see* Fernandez-Duran, A. 109540
Sever, Z. *see* Mikac, B. 78955
Severgin, Y. *see* Moser, H.O. 79772
Severgin, Yu., Belov, W., Makarov, A., Tarovik, M. Slow extraction of particles using a thin target for driving for resonance 89876
Severgin, Yu. *see* Doinikov, N. 89963
Severgin, Yu. *see* Kashikhin, V. 90059
Severi, S. *see* Cavalcanti, S. 120415
Severijns, N. *see* De Moor, P. 69800
Severikov, V.N. *see* Voitovich, A.P. 65047
Severino, A.R. *see* Magalhaes, H.A. 88038
Severns, R., Yeow, E., Woody, G., Hall, J., Hayes, J. An ultra-compact transformer for a 100 W to 120 kW inductive coupler for electric vehicle battery charging 71818
Severt, C. *see* Liu, S. 105474
Severtsen, R.H. *see* Sheen, D.M. 117646
Sevgi, L., Ercan, O. Intrinsic mode (IM)-parabolic equation (PE) comparisons on radio wave propagation 107887
Sevgi, L., Paker, S., Topuz, E. Intrinsic mode formalism, its asymptotical evaluations and uniform adiabatic mode concept in non-homogeneous environments 76406
Sevic, J.F., Steer, M.B., Pavio, A.M. Large-signal automated load-pull of adjacent-channel power for digital wireless communication systems 88100
Sevick-Muraca, E.M. *see* Hutchinson, C.H. 70007
Sevier, L. *see* Thomassen, K. 64565
Sevilla, K. *see* Gravey, A. 77709
Sevillano, J.L., Jimenez, G., Civit-Balcells, A. Performance analysis of CSMA networks with deterministic collision resolution 109121
Sevin, R. *see* Pataut, G. 73771
Sevior, M.E. *see* Smith, G.R. 120229
Seviora, R.E. *see* Li, J.J. 68001
Sevruk, B.B. *see* Gakhovich, D.E. 107491
Sewan Choi *see* Enjeti, P.N. 102790
Sewell, H. *see* Monahan, K. 115079
Sewell, J. *see* Anholt, R. 74698
Sewell, J. *see* Dettmer, R. 93804
Sewell, J. *see* Jenkins, T. 74704
Sewell, P., Anada, T., Benson, T.M., Kendall, P.C. Nonstandard beam propagation 116956
Sewell, P., Benson, T.M., Christopoulos, C., Anada, T., Hsu, J. Analysis of the electromagnetic field distribution in a microwave circuit using the TLM method and comparison with normal mode expansion method and experiments 62229
Sewell, P., Benson, T.M., Kendall, P.C., Anada, T. Tapered beam propagation 64770
Sewell, P. *see* Reed, M. 107436
Sewell, R. *see* Sykes, P. 67677
Sewell, T. *see* Lucyszyn, S. 117135
Sewing, A. *see* Gorbunov, A.A. 92917
Sexl, M. *see* Heiss, H. 104833
Sexl, M. *see* Kraus, S. 95070
Sexton, D.L. *see* Medina, J.A. 61313
Sexton, F.W. Microbeam studies of single-event effects 70314
Sextro, G. *see* Gove, R.J. 69424
Seybold, J.S., Bishop, S.J. Three-dimensional ISAR imaging using a conventional high-range resolution radar 109788
Seybold, J.S., Fountain, G.V., Belkerdid, M.A. GPS C/A code acquisition receiver structure: design, simulation and analysis 88762
Seybold, J.S., Fountain, G.V., Belkerdid, M.A. Performance analysis of an expanding-search algorithm for coarse acquisition of DSSS signals 98365
Seybold, J.S., Weeks, K.L. Arithmetic versus geometric mean of target radar cross section 68570
Seyd, A. *see* Mehdi, N. 70154
Seyed-Bolorforosh, M.S. Integrated impedance matching layer 101595
Seyedan, B., Dhar, P.L., Gaur, R.R., Bindra, G.S. Optimization of waste heat recovery boiler of a combined cycle power plant 111811
Seyfe, B., Kahrizi, M. Conditional testing in two-input detectors with single input conditioning 66642
Seymour, C.J. *see* Furman, W.N. 99061
Seymour, L.G. *see* Yilin Zhao 99688
Seywerd, H. *see* Abt, I. 80025
Seywerd, H. *see* Abt, I. 100825
Seywerd, H.C.J. *see* Mours, B. 100821
Seywerd, H.C.J. *see* Mours, B. 120196
Seyyedi, J., Iannuzzelli, R., Bukhari, J. Reliability evaluation of TSOP solder joints for PC card application 83617
Sezaki, K. *see* Komatsu, K. 67055
Sezaki, K. *see* Komatsu, K. 86525
Sezaki, K. *see* Nagata, T. 88046
Seze, G. *see* Stubenrauch, C.J. 90801
Sezgin, N. *see* Bar-Ness, Y. 88324
Seznec, S. *see* Gamache, C. 96175
Sfameli, V. *see* Russo, V. 116049
Sfaxi, L., Lelarge, F., Petit, F., Cavanna, A., Etienne, B. Band gap opening and charge modulation in AlGaAs lateral structures obtained by organized epitaxy 62983
Sfetcu, M.B. *see* Ioan, D. 107828
Sforna, M. *see* Hanjin Miao 102327
Sftolarz, Z. *see* Wolinski, T.R. 100084
Sgallari, F. *see* Rizzoli, V. 93754
Sgarlata, A. *see* Motta, N. 113325
Sgorbissa, A. *see* Piaggio, M. 119876
Sgurev, V.S. *see* Shapiro, V.A. 86476
Sha, E.H.-M. *see* Passos, N.L. 83029
Sha, E.H.-M. *see* Passos, N.L. 95114
Sha, E.Hsing-Mean *see* Hsing-Mean Sha, E.
Sha, J. *see* Yoo, J. 115885
Sha, W. *see* Min Jiang 75855
Sha, W.L., Liu, C.-H., Feng Liu, Alfano, R.R. Competition between two lasing modes of Sulforhodamine 640 in highly scattering media 96131
Sha, W.L. *see* Liu, Q.D. 64715
Sha Li *see* Li Sha
Sha Weimin *see* Qing Xiaojun 100327

Sha Xuejun, Tan Xuezhi, Zhang Naitong, Liu Wei Performance analysis of multiple-access protocol ALOHA/PCD 118159
Sha'aban, A.M., Jehanian, K.M., Gangisetty, R., Hobeika, A.G. The mobile satellite communications platform for incident management 99326
Shaaban, K.M. *see* Schalkoff, R.J. 82296
Shaaban, Z., Sulong, G. Recognition of connected handwritten characters based moment invariants using neural networks 86683
Shaalan, H.E., Thompson, J., Broadwater, R.P., Ng. H. DEWorkstation: a comprehensive distribution modeling tool 121127
Shaalan, M. *see* Steup, D. 73814
Shabadash, A.N. *see* Kasatkin, S.I. 64441
Shaban, F. *see* Zaryankin, A.E. 102453
Shabani, M.B., Yoshimi, T., Abe, H. Low-temperature out-diffusion of Cu from silicon wafers 74597
Shabani, M.M. *see* Patete, P.V. 80298
Shabanov, S.V. *see* Abramova, I.N. 62793
Shabanov, V.F. *see* Barannik, A.V. 75417
Shabanov, V.F. *see* Smorgon, S.L. 106882
Shabanov, V.F. *see* Zhuikov, V.A. 106929
Shabanov, V.F. *see* Zyryanov, V.Ya. 89414
Shabanov-Kushnarenko, Yu.P. *see* Bondarenko, M.F. 66583
Shabarchina, L.I. *see* Sukhorukov, G.B. 110229
Shabat, M.M., Boardman, A.D., Reinisch, R., Pic, E. Exact solution of nonlinear surface waves guided by a non-Kerr-like, power-law-dependent medium 76174
Shabeer, M. *see* Gilfedder, T.H. 67944
Shabeer, M. *see* Legg, P.J. 119183
Shabeer, M. *see* Rogers, D.C. 78692
Shablin, Yu.S. *see* Bukreev, V.S. 70489
Shablya, A.V. *see* Goryaeva, E.M. 89060
Shabra, A.M. *see* Abuelma'atti, M.T. 62020
Shabra Aiman Muhammad *see* Aiman Muhammad Shabra
Shabunina, G.G. *see* Golik, L.L. 64903
Shacham, N. *see* Li Gong 87485
Shacham-Diamand, Y. *see* Desilva, M. 63973
Shacham-Diamand, Y. *see* Dubin, V.M. 62690
Shackelford, C.J., Xiaohui Ning Design of plastic diffractive/refractive hybrid lenses for CCD cameras 75655
Shackford, H., Bjarngard, B.E. A dynamic matchline wedge 80463
Shacklette, L.W. *see* Eldada, L. 85052
Shacklette, L.W. *see* Yardley, J.T. 85045
Shacklette, L.W. *see* Yardley, J.T. 106839
Shackman, S.J. *see* Sheen, D.R. 109768
Shadaram, M., Martinez, J., Garcia, F., Tavares, D., Arnand, S., Godbout, N., Lacroix, S. Application of ferrocene-based polymers as variable index materials in fiber optic gas sensors 100159
Shadaram, M. *see* Sun, C.K. 68456
Shadman, F. *see* Chen, G. 113050
Shadman, F. *see* Verma, N.K. 94651
Shadraabal, D. Calibration of radiation protection instruments of the Mongolia 70291
Shadrov, V.G., O'Grady, K., Boltushkin, A.V. Magnetic measurements of interaction effects in CoNiW films with columnar structure 106616
Shadybekov, I.U. *see* Dzhuliev, Kh.Kh. 103196
Shae Zon-Yin *see* Zon-Yin Shae
Shafai, L. *see* Moheb, H. 76569
Shafarenko, A.V. *see* Dines, J.A.B. 85196
Shafarman, W.N., Klenk, R., McCandless, B.E. Device and material characterization of Cu(InGa)Se_2 solar cells with increasing band gap 71705
Shafarmann, W.N. *see* Birkmire, R.W. 112370
Shafeei, M.E. *see* Heydari, H. 81502
Shafeeu, H., Betts, A., Taylor, J. A continuously variable tuning technique for switched capacitor filters 104681
Shafeeu, H. *see* Anthony, D.K. 68712
Shafeeu, H. *see* Griffiths, H.D. 68714
Shafeev, G.A. *see* Dolgaev, S.I. 94796
Shafeev, G.A. *see* Dolgaev, S.I. 104177
Shafeev, G.A. *see* Pimenov, S.M. 94830
Shafer, S.A., Kanade, T., Ikeuchi, K. Image understanding at CMU 67473
Shafer, S.A. *see* Maxwell, B.A. 86448
Shafer, S.A. *see* Yalin Xiong 77182
Shafi, M. *see* Marshall, P.J. 78560
Shafi, M. *see* Marshall, P.J. 118901
Shafi, M. *see* Smith, P.J. 98519
Shafiee, A.M. *see* Palm, G. 116799
Shafiee, H., Moon, J. Knowledge-based parameter estimation for identification and equalization of storage channels 84831
Shafiee, H. *see* Nair, S.K. 106600
Shafiq, M. *see* Jianming Lu 91551
Shafiqul Khalid, A.T.M., Awwal, A.A.S. XOR realization using KH-map 113929
Shafir, M. *see* Eshkar, N.S. 80250
Shaftan, T.V. *see* Vinokurov, N.A. 96552
Shagimuratov, O.G. *see* Dmitriev, S.G. 94583
Shagin, P. *see* Peigneux, J.P. 120164
Shagin, P.M. *see* Zalessky, V.B. 80056
Shagin, P.M. *see* Zalessky, V.B. 100890
Shaginian, L.R. *see* Vlaskina, S.I. 104139
Shaginyan, L. *see* Dwilinski, R. 92943
Shagov, A.A. *see* Kondratuk, N.V. 107178
Shagurin, I.I. *see* Korobkov, A.I. 61809
Shah, A., Hubin, J., Platz, R., Goerlitzer, M., Wyrsch, N. The quasineutrality condition in amorphous semiconductors: reformulation of the "lifetime/relaxation" criterion 94411
Shah, A. *see* Beck, N. 91748
Shah, A. *see* Chabloz, P. 92905
Shah, A. *see* Goerlitzer, M. 116206
Shah, A. *see* Torres, P. 105094
Shah, A. *see* Wyrsch, N. 94388
Shah, A.P. *see* Ali, Y.P. 105180
Shah, A.P. *see* Gadkari, D.B. 103829
Shah, A.R. *see* Paris, B.-P. 66218
Shah, B. *see* Sadr, R. 73497
Shah, D.T. *see* Desai, H. 107738
Shah, G.A., Hassam, G., Newman, D.L. Contrast reduction using energy dependent intensifying screens 80256
Shah, I.A. *see* Kalker, T.A.C.M. 76971
Shah, J., Pien, H.H., Gauch, J.M. Recovery of surfaces with discontinuities by fusing shading and range data within a variational framework 87208
Shah, J. *see* Cundiff, S.T. 96715
Shah, J. *see* Koch, M. 107574
Shah, J. *see* Tari, Z.S.G. 110750
Shah, J. *see* Tomita, A. 63059
Shah, J.C., Sapatnekar, S.S. Wiresizing with buffer placement and sizing for power-delay tradeoffs 95169
Shah, K.K. *see* Cios, K.J. 101306
Shah, K.S., Bennett, P., Squillante, M.R. Gamma ray detection properties of lutetium aluminate scintillators 80048
Shah, K.S. *see* Bennett, P.R. 101281
Shah, K.S. *see* Flueck, A.J. 70726
Shah, M. *see* Kniffin, M.L. 84667
Shah, M. *see* Ruo Zhang 67024
Shah, M. *see* Tian, T.Y. 86335
Shah, M.J. *see* Deng, E. 71273
Shah, M.K., Chudasama, A.R., Kanitkar, V.J. Development of bounce measurement technique for LT switching devices 121796
Shah, M.K., Verma, S.K., Nair, M.B.M. Failure analysis and modification of 11 kV minimum oil circuit breakers 121795
Shah, M.L. *see* Eng, R.S. 107049
Shah, N. *see* Jone, W.-B. 93268
Shah, N. *see* Mohebbi, B.B. 88359
Shah, P. Multimedia on the Internet 109220
Shah, P., Toumazou, C. A new high speed low distortion switched-current cell 114067
Shah, R.C. *see* Naik, P.G. 105482
Shah, R.J. Power supply basics: voltage regulators 61596
Shah, S. *see* Chokroverty, S. 90466
Shah, S. *see* Finley, D.W. 92249
Shah, S.A., Zeng, A., Jackson, M.K., Pouliot, L., Lecours, A., Currie, J.F. Guided surface waves in photoconductive excitation 93688
Shah, S.A., Zeng, A., Wong, W.S., Jackson, M.K., Pouliot, L., Lecours, A., Currie, J.F. Separating temporally-overlapped waveforms with electrooptic sampling 108249
Shah, S.A. *see* Zeng, A. 95812
Shah, S.I. *see* Banerjee, P. 97785
Shah, S.L.A., Yang, T. ATM resource allocation algorithms: a comparison 77609
Shahabuddin, P. *see* Cheng-Shang Chang 87280
Shahabuddin, P. *see* Dan, A. 88823
Shahadi, A., Jerby, E., Li Lei, Drori, R. Carbon-fiber emitter in a cyclotron-resonance maser experiment 96077
Shahadi, A. *see* Drori, R. 96506
Shahadi, A. *see* Einat, M. 96454
Shahadi, A. *see* Jerby, E. 107032
Shahal, O. *see* Arensburg, A. 96443
Shahane, G.S. *see* Deshmukh, L.P. 104081
Shahane, G.S. *see* Deshmukh, L.P. 105526
Shahane, G.S. *see* Sutrave, D.S. 83887
Shahbaz, M. Fixed network design of cellular mobile communication networks using genetic algorithms 68202
Shahbaz, M. Topological network design of mobile communication networks 99346
Shahbazi, S. *see* Brown, O. 83642
Shaheen, K. *see* Grandhi, S.A. 109484
Shaheen, K.M., Gupta, S.C. Cascaded CCI cancellation and error-correcting codes for DS-SS CDMA mobile communication system 88160
Shaheen, K.M., Gupta, S.C. Adaptive combination of cancelling co-channel interference and decoding of error-correcting codes for DS-SS CDMA mobile communication system 88362
Shaheen, M.S. *see* Dalabeih, D.M. 71117
Shaheen, S.A. *see* Mendoza, W.A. 75138
Shaheen, S.A. *see* Samarasekara, P. 64335
Shahid, M. *see* Gadi, J. 95696
Shahid, M.A., Roil, R.A. Optical fiber interconnections 119225
Shahidehpour, S.M. *see* Ferrero, R.W. 70683
Shahidehpour, S.M. *see* Kavicky, J.A. 102040
Shahidehpour, S.M. *see* Xaiomin Bai 70797
Shahidi, G. *see* Chen, B.A. 84579
Shahintabe, A. *see* Mahdavi, J. 112136
Shahno, E.A. *see* Veiko, V.P. 104103
Shahno, E.A. *see* Veiko, V.P. 106907
Shahrabi, K. *see* Alavi, R. 66258
Shahrabi, K. *see* Alavi, R. 117132
Shahri, H. *see* Alonso, T. 98119
Shahri, H. *see* Mohsenian, N. 90441
Shahriar, M.S. *see* Hemmer, P.R. 107041
Shahriar, S.M. *see* Korzinin, Yu.L. 96821
Shahriari, A.K. *see* Mahdavi, J. 121736
Shahrtash, S.M., Ranjbar, A.M. Time-domain modeling of transmission lines for power system transients study 101755
Shahsavari, M.M., Sanders, T.J., Means, D.P., Moye, K.J., Louis-Chandran, J. IC yield modeling and statistical circuit simulation 63898
Shahzad, K., Buijs, M. Dependence of threshold current density on the energy-band offsets in $Zn_{1-u}Cd_uSe/ZnS_zSe_{1-z}/Zn_{1-x}Mg_xS_ySe_{1-y}$ separate-confinement heterostructures lasers 107292
Shaibon, H. *see* Akhtar, A. 70762
Shaibon, H. *see* Sawir, B. 101664
Shaibon, H. *see* Tan, C.H. 91141
Shaikh, A., Lu, S., Shin, K. Localized multicast routing 77793
Shaikh, A. *see* Garant, E. 101702
Shaikh, A. *see* Okapuu-von Veh, A. 102927
Shaikh, A. *see* Vasudevan, S. 82244
Shaikh, A. *see* Vasudevan, S. 88659
Shaikh, A. *see* Vasudevan, S. 92259
Shaikh, M.A. *see* Azimi-Sadjadi, M.R. 120786
Shaikh, M.A. *see* Bin Tian 120787
Shaikh, S.A. *see* Malek, M. 104585
Shaikin, M.E. Decomposition of covariance structures associated with finite geometries 92370
Shajii, A. *see* Deis, G. 106719
Shajii, A. *see* Ferri, M.A. 111641
Shaju, K.P. *see* Pande, D.C. 76479
Shakal, A., Yuefeng Liao, Lipo, T.A. A permanent magnet AC machine structure with true field weakening capability 102620
Shakaryan, Y.G. *see* Plakhtyna, Y.G. 71737
Shakaryan, Yu.G. *see* Gurevich, Yu.Y. 71160
Shake, I. *see* Daigo, M. 120105
Shaked, D., Yaron, O., Kiryati, N. Deriving stopping rules for the probabilistic Hough transform by sequential analysis 67413
Shaked, D. *see* Kimmel, R. 77474
Shaked, U. *see* Berman, N. 76901
Shaked, U. *see* Theodor, Y. 72442
Shaked, U. *see* Yaesh, I. 66787
Shaker, J. *see* Moheb, H. 76569
Shaker, S.R. *see* Hussin, Y.A. 68637
Shakespeare, B. Utilizing the public network cost-effectively 77818
Shakhmaev, M.M. Signal receiver with single-sideband phase modulation with indices $\beta \leqslant 0.5\pi$ rad 109334
Shakhovtsova, S.I. Low-temperature breakdown of the donor states of an antimony impurity in $Ge_{1-x}Si_x$ alloys 74294
Shakir, Yu.A. *see* Apollonov, V.V. 85576
Shakirov, M.A. Integrated equivalent circuits for conformal mappings of simply connected domains of plane-parallel fields 65615
Shakirzyanov, F.R. *see* Karpov, O.V. 89208
Shakirzyanova, F.R. *see* Karpov, O.V. 109978
Shakola, A.T. *see* Veiko, V.P. 106907
Shakun, M.F. *see* Dror, M. 103690
Shakun Li *see* Li Shakun
Shakunaga, T. Metrical solvability analysis of primitive problems concerning pose estimation from a single view 97892
Shakunaga, T. Refinements and evaluations of line-based pose enumeration from a single image 108717
Shakunaga, T. *see* Ikeuchi, K. 88667
Shakya, S. *see* Heinrich, S.M. 60609
Shalabh *see* Srivastava, A.K. 92425
Shalaby, A. *see* Poray, A. 80978
Shalagin, A.M. *see* Elliott, S.R. 80104
Shalaginov, Yu.V. Broadband meter of statistical characteristics of random signals 119790
Shalanda, N. *see* Alvsvaag, S.J. 90124
Shalem, S. *see* Eyal, O. 95798
Shalev, S. *see* Luchka, K. 90595
Shalev, S. *see* Luchka, K. 120507
Shalev, S. *see* Rajapakshe, R. 80440
Shalev, S. *see* Rajapakshe, R. 90594
Shalfeev, V.D. *see* Kozlov, A.K. 61677
Shalfeev, V.D. *see* Kuznetsov, A.S. 73606
Shalfeev, V.D. *see* Volkovskii, A.R. 61678
Shalfeeva, M.V. *see* Matrosov, V.V. 73169
Shaligram, A.D. *see* Harkar, A. 105872
Shalis, E. *see* Zhen Wu 101651
Shalkhauser, K. *see* Sturzebecher, D. 86007
Shalkhauser, K. *see* Yook, J.G. 83477
Shalkhauser, K.A., Windyka, J.A., Dening, D.C., Fithian, M.J. System-level integrated circuits for phased array antenna applications 93894
Shallcross, F.V. *see* Kosonocky, W.F. 79546
Shallof, A.M., Barber, D.C. Tissue characterisation using a multi-frequency of electrical impedance tomography 101357
Shallof, A.M., Barber, D.C. Analytic solution of complex conductivity in electrical impedance tomography 101375
Shallom, I.D. *see* Moyal, A. 97616
Shallwani, A. *see* Sultan, N. 88189
Shalnov, A., Abramenko, N., Bogdanovich, B., Karetnikov, M., Nesterovich, A., Puchkov, A. Potentialities of electron and ion beam accelerators for long-lived nuclear waste transmutation 89597
Shalnov, A., Abramenko, N., Bogdanovich, B., Karetnikov, M., Nesterovich, A., Tubaev, M. Magnetic field influence on rf-structures electrodynamics characteristics and sparking limit 89730

Shalnov, A., Bogdanovich, B., Ignatyev, A., Senyukov, V. RF-power upgrade system with resonant loading 100483
Shalnov, A., Bogdanovich, B.Yu., Ignatyev, A., Senyukov, V. RF-power upgrade systems with energy compression for electron linacs 100783
Shalom, E. The input output unit for the attitude and articulation control subsystem on the Cassini spacecraft 70375
Shaltout, A.A. *see* Zakaria, W.S. 112467
Shaltout, A.A. *see* Zakaria, W.S. 112468
Shalvi, O., Weinstein, E. System identification using nonstationary signals 97786
Shalynin, A.I. *see* Shevchenko, S.A. 94223
Sham, B. *see* Liu, Z.-Q. 87042
Sham-Tsong Shiue Minimization of low-temperature microbending losses in initially curved tightly jacketed double-coated optical fibres 116042
Shamabrook, B.V. *see* Thibado, P.M. 61254
Shamai, S., Laroia, R. The intersymbol interference channel: lower bounds on capacity and channel precoding loss 97409
Shamai, S. *see* Dallal, Y.E. 68388
Shamai, S. *see* Dallal, Y.E. 99544
Shamai, S. *see* Dallal, Y.E. 99545
Shamai, Y. *see* Izak-Biran, T. 80530
Shamala, N. *see* Jayaram, N. 101403
Shamaly, J.J. A full-field ArF exposure tool for 180-nm lithography 94860
Shamamian, V.A. *see* Sinkovits, R.S. 113415
Shamanaev, V.S. *see* Kokhanenko, G.P. 83780
Shames, P., Sun, P.C., Fainman, Y. Modeling and optimization of electro-optic phase modulator 95824
Shameson, L. *see* Agan, M.J. 109584
Shamet'ko, A.A. *see* Vetokhin, S.S. 89110
Shamir, J. *see* Baharav, Y. 70479
Shamir, J. *see* Friedmann, M. 100323
Shamir, J. *see* Levin, L. 69203
Shamir, J. *see* Levy, D. 89499
Shamir, J. *see* Osei, A. 75637
Shamir, J. *see* Srinivasan, R. 77395
Shamir, J. *see* Twitto, A. 113564
Shamirzaev, T.S. *see* Zhuravlev, K.S. 113357
Shammas, N.Y.A. *see* Rahimo, M.T. 82949
Shammas, N.Y.A. *see* Rahimo, M.T. 84295
Shammas, N.Y.A. *see* Rahimo, M.T. 115152
Shamonin, M., Lohmeyer, M., Hertel, P., Dotsch, H. Radiatively coupled magneto-optic waveguides 95883
Shamonin, M., Lohmeyer, M., Hertel, P., Dotsch, H. Magneto-optic waveguides: modeling and applications 97251
Shamonin, M., Lohmeyer, M., Hertel, P., Dotsch, H. Optimization of a nonreciprocal phase shifter comprising a magneto-optic slab waveguide 106841
Shamonina, E. *see* McClelland, T.E. 116729
Shamonina, E. *see* Mann, M. 85575
Shamoon, T. *see* Cox, I.J. 109258
Shampine, L.F. *see* Bogacki, P. 103780
Shamrakov, A.L., Vas'kina, O.N., Starostin, V.N. Force sensors 79385
Shamroth, S.J. *see* Buggeln, R.C. 103834
Shams, S. Neural network optimization for multi-target multi-sensor passive tracking 120941
Shams-Kolahi, W., Endo, S., Kobayashi, Y., Honda, A., Nakaike, S., Toma, T., Hambach, M., Takeshima, S., Okamoto, H., Hamakawa, Y. High-pressure effects in Si-As-Te amorphous chalcogenide glasses fabricated under microgravity environment 94417
Shams-Kolahi, W., Kobayashi, M., Hanzawa, H., Okamoto, H., Endo, S., Kobayashi, Y., Hamakawa, Y. Pressure effects on electrical and optical properties of Si-As-Te chalcogenide glasses fabricated in the gravity environment and in a microgravity environment 114655
Shamsan, R. *see* Jambi, K. 86863
Shamshi, M.A. Technique for translating a PC/XT into a real time central base station for a data telemetered seismic network array 120682
Shamshiev, T. *see* Maripov, A. 85765
Shamsuddin, A.K.M., Tamura, T., Nakajima, K., Togawa, T. Preliminary study of transcutaneous optical coupling for implantable devices using GaAs solar cell 110742
Shamsunder, S. *see* Challa, R.N. 117486
Shamsuzzaman, A.S.M. *see* Sugiyama, Y. 90500
Shamu, R.E. How Western Michigan University got its tandem 79777
Shan, B. *see* Chang, Z. 90243
Shan, K. *see* Chen, L. 64558
Shan, Q., Chen, C.M., Dewhurst, R.J. Detection of laser-generated ultrasound with a conjugate interferometer scheme 101583
Shan, Q., Dewhurst, R.J., Kuhn, A., Pang, K.F., Payne, P.A. Modelling of a photoacoustic probe designed for medical applications 101090
Shan, W. *see* Song, J.J. 96330
Shan, X., Widdowson, T., Ellis, A.D., Siddiqui, A.S. Very simple method to stabilise mode-locked erbium fibre lasers 65099
Shan, Z.S., Shen, J.X., Kirby, R.D., Sellmyer, D.J. Magnetic properties and magnetization reversal in Co/Au multilayers 64366
Shan, Z.S. *see* Luo, C.P. 64368
Shan, Z.S. *see* Welipitiya, D. 92873
Shan, Z.S. *see* Zhang, S.Y. 115851
Shan Bing, Liu Jinyuan, Chang Zenghu Generation of high voltage picosecond electrical pulse for gating MCP 114543
Shan Feng *see* Feng Shan
Shan Hongching *see* Hongching Shan
Shan Lu, Doerschuk, P.C. Nonlinear modeling and processing of speech based on sums of AM-FM formant models 66571
Shan Tie-Jun *see* Tie-Jun Shan
Shan Wang *see* Wang Shan
Shan Xu-Ning *see* Xu-Ning Shan
Shan Xuechuan *see* Xuechuan Shan
Shan Xunying *see* Xunying Shan
Shan Yusheng *see* Wang Pu 116343
Shan Zhong *see* Zhong Shan
Shan-Shan Lee, Ismail, M. 1.5 V full-swing BiCMOS dynamic logic circuits 104462
Shanabrook, B.V. *see* Bennett, B.R. 82681
Shanabrook, B.V. *see* Gammon, D. 105316
Shanabrook, B.V. *see* Hoffman, C.A. 74434
Shanabrook, B.V. *see* Thibado, P.M. 82594
Shanaman, R.H. *see* Easter, W.G. 63151
Shanbehzadeh, J., Ogunbona, P.O. Index compressed image adaptive vector quantisation 77390
Shanbhag, A.G., Vijay Kumar, P., Hellesath, T. Improved binary codes and sequence families from Z_4-linear codes 97561
Shanbhag, A.G. *see* Helleseth, T. 66360
Shanbhag, A.G. *see* Helleseth, T. 66369
Shanbhag, A.G. *see* Helleseth, T. 76789
Shanbhag, A.G. *see* Yang, K. 97562
Shanbhag, A.S. *see* Mevellec, C. 70228
Shanbhag, A.S. *see* Musolino, M.C. 70229
Shanbhag, N.R., Gi-Hong Im Pipelined adaptive IIR filter architectures using scattered and relaxed look-ahead transformations 73561
Shanblatt, M. *see* Tetelbaum, A. 74804
Shand, A.J. *see* Wright, J. 107501
Shand, P.M. *see* Oti, J.O. 115873
Shandarov, S.M. *see* Savchenkov, E.N. 85059
Shaner, D. *see* Shi, J. 105647
Shanes, F.C. *see* Teare, S.W. 102398
Shaneyfelt, M.R., Winokur, P.S., Fleetwood, D.M., Schwank, J.R., Reber, R.A., Jr. Effects of reliability screens on MOS charge trapping 74742
Shaneyfelt, M.R., Winokur, P.S., Fleetwood, D.M., Schwank, J.R., Reber, R.A., Jr. Effects of reliability screens on MOS charge trapping 106021
Shang, A.Z., Tooley, F.A.P. A high-sensitivity and low-power smart pixel receiver 88557
Shang, A.Z. *see* Plant, D.V. 96050
Shang, C., Reay, D.S., Williams, B.W. Modified LMS adaptive algorithm for CMAC neural network based control of switched reluctance motors 81414
Shang, C. *see* Reay, D.S. 121457
Shang, D.Y., Matsuno, H., Saito, Y., Suganomata, S. Optical characteristics of LiNbO$_3$ implanted with Au$^+$ ions 84694
Shang, H.M. *see* Liu, W. 65559
Shang, H.M. *see* Qin, S. 61498
Shang, H.M. *see* Qin, S. 92993
Shang, J.K. *see* Daping Yao 82177
Shang, J.K. *see* Zhang, Z. 82176
Shang, J.S. Computational electromagnetics 96918
Shang, P. *see* Yang, G. 75313
Shang Chang Jung *see* Jung Shang Chang
Shang Changjing *see* Changjing Shang
Shang Lin *see* Lin Shang
Shang Yilun *see* Bai Jing 110767
Shang Yong *see* Han Jinfang 92474
Shang Yuan Ren, Dow, J.D. Lattice-matching SiC substrates with GaN 83899
Shang Yuanda *see* Ni Ming 80934
Shang-Hua Wang, Hung-Tat Tsui A hierarchical perceptual organization for indoor scene interpretation 87257
Shang-Hua Wang, Hung-Tat Tsui The invariance of organized form features in a wide range of viewpoints 98006
Shang-Hui Chen *see* Cheng-Chung Lee 116189
Shang-Lian Huang *see* Huang Shang-Lian
Shang-Tao Liu *see* Ching-Yin Lee 121473
Shang-Yi Ma *see* Sovarong Leang 63499
Shangchun Fan *see* Fan Shangchun
Shangguan, D., Achari, A. Lead-free solder development for automotive electronics packaging applications 92245
Shangguan, D. *see* Costic, M. 72367
Shangguan HanQun *see* HanQun Shangguan
Shangguang Wu *see* Wu Shangguang
Shanghui Ye *see* Ye Shanghui
Shangina, E.L. *see* Brandt, N.B. 63008
Shangina, E.L. *see* Kadushkin, V.I. 114614
Shangjin Yang *see* Yang Shangjin
Shangjing Yang *see* Yang Shangjing
Shanglai Guo *see* Guo Shanglai
Shanglian Huang *see* Huang Shanglian
Shangping Guo *see* Guo Shangping
Shanhua Xue *see* Yi Yang 85308
Shanhuai Chen, Zicai Xu, Shusheng Peng Solid phase-locked oscillator system for 75-115 GHz 73711
Shanin, V.I. Holographic quality evaluation of torsion bar fabrication 116780
Shanin, V.I. Holographic-interferometric leakage testing of bellows 116781
Shanjia, X., Yaojiang, Z. Rigorous analysis for strip-type circular polariser 73650
Shanjia Xu *see* Ping Zhou 73789
Shanjia Xu *see* Xu Shanjia
Shanjiem, Z., Han, T. Accurate computation of Bessel functions of the first and second kinds with arbitrary real order and complex argument 72413
Shank, J.T. *see* Abe, K. 69708
Shank, J.T. *see* Abe, K. 69726
Shank, J.T. *see* Akesson, T. 69833
Shank, S.M. *see* Tasker, G.W. 74082
Shankar, A., Gilbert, D., Jampel, M. Transient analysis of linear circuits using constraint logic programming 93042
Shankar, B. Deregulation and a segmented European market [telecommunications] 87524
Shankar, B. GSM: the upwardly mobile standard 88292
Shankar, B. As satellites gather speed [ATM services via satellite] 99447
Shankar, B. Being local, acting global [telecommunications call charges] 118223
Shankar, G., Joseph, S. CSCC for mean of an inverse Gaussian distribution under type I censoring 92163
Shankar, K., Ramachandran, V. Some further properties of homogeneous immittance polynomials 61592
Shankar, N. *see* Havelund, K. 77748
Shankar, N. *see* Hom, C.L. 104194
Shankar, P.M. *see* Molthen, R.C. 120399
Shankar, V. *see* Bhatia, D. 113649
Shankar, V. *see* Palaniswamy, S. 97067
Shankaranarayanan, N.K., Phillips, M.R., Darcie, T.E., Ariyavisitakul, S. Multiport wireless access system using fiber/coax networks for personal communications services (PCS) and subscriber loop applications 78249
Shankaranarayanan, N.K. *see* Ariyavisitakul, S. 68079
Shankaranarayanan, N.K. *see* Ariyavisitakul, S. 68193
Shanker, B. Synchronising service and customer demand 98594
Shanker, B. Green's dyadic and its associated singularities for a chiral-biaxial omega medium 116984
Shanker, B., Sihvola, A. A comment on "Rayleigh formula for bianisotropic mixtures" [and reply] 96876
Shankwitz, C. *see* Hennessey, M.P. 69495
Shanli Wang *see* Wang Shanli
Shanmuga Sundaram, R. *see* Prabhu, K.M.M. 93492
Shanmuga Sundaram, R. *see* Prabhu, K.M.M. 97845
Shanmuga Sundaram, R. *see* Prabhu, K.M.M. 97848
Shanmugan, K.Sam *see* Sam Shanmugan, K.
Shann, R.T. *see* Oakley, J.P. 77205
Shannon, J.M., Hartmann, W.J.A.M., Jacobs, J.M., Kuntzel, J.H.W., Kwint, J.P.M., Pitt, M., Sakai, T., Tanaka, H., Van Roosmalen, A.J., Van Der Kloet, R., Wolfs, P.B.A., Chapman, J.A., French, I.D., Knapp, A.G., Mansell, J.R., Sandoe, J.N., Nieuwesteeg, K.J.B.M., Oversluizen, G. TFD-R: improved, stable 2-terminal devices for state-of-the-art AM-LCD 89258
Shannon, M.A., Rubinsky, B., Russo, R.E. Mechanical stress power measurements during high-power laser ablation 119891
Shannon, P.J. *see* Gibbons, W.M. 85118
Shannon, R.R. *see* Shiyu Zhang 85230
Shannon, T.P., Wheeler, J.K., Touvannas, G. TGBLA/PANACEA and CASMO/MICROBURN analyses of GE9B/GE10 fuel in the Quad Cities 81268
Shanshan Du *see* Yu Qin 71451
Shanshan Du *see* Yu Qin 91632
Shanthikumar, J.G. *see* Cunningham, S.P. 63882
Shanware, A., Godambe, N., Vasi, J., Chandorkar, A., Das, A. Modelling and characterization of commercial CMOS ICs under radiation 106214
Shanwei Lu *see* Lu Shanwei
Shanzer, A. *see* Moons, E. 74479
Shanzhi Chen, Shiduan Cheng, Junliang Chen Survivability strategies for the future Chinese SDH transport network 118271
Shanzhi Chen *see* Chen Shanzhi
Shao, G. *see* Feng-Hui Yao 86697
Shao, H.M. *see* Tian, W. 115887
Shao, J. *see* Harjani, R. 61567
Shao, K.R. *see* Jiazheng Lu 102665
Shao, K.R. *see* Ma, Q.S. 107787
Shao, K.R. *see* Ma, Q.S. 116817
Shao, K.R. *see* Yu, H.T. 65688
Shao, K.R. *see* Yu, H.T. 107791
Shao, K.R. *see* Yu, H.T. 116824
Shao, M.C. *see* Feleppa, E.J. 90372
Shao, X., Huang, X., Wang, Z., Ma, K., Jin, C., Jiang, J. Display characteristics of one-side-rubbing LC cell 89419
Shao, X.M., Holden, D.N., Rhodes, C.T. Broad band radio interferometry for lightning observations 111227
Shao, Y., Hackney, S.A., Cornilsen, B.C. XRD and TEM characterization of cathodic MnO$_2$ and discharge products in the Li-MnO$_2$ cell 112196
Shao, Y. *see* Cherry, S.R. 101340
Shao, Y. *see* Wang, Y.J. 80049
Shao Chunlin *see* Chunlin Shao
Shao Ding Rong *see* Cheng Nai Ping 116149
Shao Dingrong *see* Cheng Naiping 95890

Shao Hanguang *see* Liu Jianxin 102805
Shao Kai *see* Sun Xiaopeng 73709
Shao Kai *see* Wu Ying 73707
Shao Kai *see* Kai Shao
Shao Ke-Ran *see* Ke-Ran Shao
Shao Keran *see* Yu Haitao 65740
Shao Lan *see* Lan Shao
Shao Lingxiong *see* Lingxiong Shao
Shao Min *see* Min Shao
Shao Mu-Zhon *see* Mu-Zhon Shao
Shao Ren Zhang *see* Zhang Shao Ren
Shao Xibin *see* Xibin Shao
Shao Yiping *see* Yiping Shao
Shao Yixiang *see* Zhang Huaitao 81321
Shao Yulong *see* Yulong Shao
Shao Zhifeng *see* Zhifeng Shao
Shao Zhongxing *see* Zhongxing Shao
Shao Zongshu *see* Shen Deyuan 65158
Shao Zongshu *see* Zongshu Shao
Shao-Hong Li *see* Quan-Fa Li 119310
Shao-hong Xu *see* Xu Shao-hong
Shao-Hua Pan *see* Zhi-Jie Wang 114704
Shao-Ling Wu *see* Po-Hou Sung 65506
Shao-Pin Hung *see* Fung-Fei Chen 80961
Shaobai Mo, Peiner, E., Bartels, A., Guang-Ping Tang, Schlachetzki, A., Kuzmenko, R., Hildebrandt, S., Schreiber, J. Photoreflectance study on the effect of lattice defects in InP on (001) Si 105136
Shaobo Sun, Thorne, P.D., Bjorno, I.K. Using the specular component of sphere backscattering for broadband transceiver calibration 111365
Shaodong Mao *see* Mao Shaodong
Shaogang Gong *see* Psarrou, A. 66961
Shaogang Hu *see* Hu Shaogang
Shaohong Li *see* Li Shaohong
Shaohua Hou *see* Hou Shaohua
Shaohua Pan *see* Pan Shaohua
Shaohua Tan *see* Ong, S.H. 90392
Shaohua Tan *see* Qi Chen 70662
Shaohua Zhang *see* Zhang Shaohua
Shaoje Ma *see* Ma Shaoje
Shaojie Ma *see* Ma Shaojie
Shaojun Fu *see* Fu Shaojun
ShaoJun Wei, Leroy, J., Crappe, R.G. Determination of the minimum latency in loop folding 93035
Shaojun Zhang *see* Qingpu Wang 85408
Shaojun Zhang *see* Qingpu Wang 96220
Shaojun Zhang *see* Shengzhi Zhao 96221
Shaojun Zhang *see* Zhang Shaojun
Shaolin Mu, Huaiguo Xue Bioelectrochemical characteristics of glucose oxidase immobilized in a polyaniline film 110231
Shaolin Wang *see* Wang Shaolin
Shaolin Xue *see* Xue Shaolin
Shaoling Guo *see* Guo Shaoling
Shaomin Wang *see* Xuanhui Lu 85406
Shaoping Bian, Frejlich, J. Phase modulated two-wave mixing in crystals with long photocarrier lifetimes 76127
Shaoping Bian, Frejlich, J. Stationary measurement of the response time in reversible optical recording materials 95665
Shaoqong Tang *see* Wenqi Ge 102731
Shaoqun Shen *see* Shen Shaoqun
Shaoren Zheng *see* Zheng Shaoren
Shaotang Chen, Lipo, T.A. A novel soft-switched PWM inverter for AC motor drives 81579
Shaowei Han *see* Yanming Feng 68781
Shaowei Nan, Rizos, C. Integrated method for instantaneous ambiguity resolution using new generation GPS receivers 68760
Shaowei Zhu, Matsubara, Y. Proposal for a tube expander 71924
Shaoxian Meng *see* Meng Shaoxian
Shaoyin Chen *see* Chen Shaoyin
Shaoying Chen *see* Chen Shaoying
Shaoyun Chen *see* Ratha, N.K. 98226
Shaoyun Ga *see* Ga Shaoyun
Shaozhong Li *see* Qi Xiang 82701
Shaozhong Li *see* Li Shaozhong
Shapir, I., Sharir, V. Modelling structure parasitics in comb-line filters 83318
Shapira, A. *see* Jung, D.-M. 97885
Shapira, Y. *see* Gal, D. 105135
Shapira, Y. *see* Leibovitch, M. 75684
Shapira, Y. *see* Leibovitch, M. 114712
Shapira, Y. *see* Lubianiker, Y. 94393
Shapira, Y. *see* Moons, E. 121882
Shapiro, A., Ellis, S., Shaw, J. Single-Doppler velocity retrievals with Phoenix II data: clear air and microburst wind retrievals in the planetary boundary layer 90798
Shapiro, A., Ward, Y. Convergence analysis of gradient descent stochastic algorithms 113194
Shapiro, A. *see* Carlsten, B.E. 89710
Shapiro, A. *see* Rusnak, B. 100496
Shapiro, A.A. *see* Omel'chenko, A.V. 67180
Shapiro, A.J. *see* Gonzalez-Vallejo, C. 82400
Shapiro, A.J. *see* Nikitenko, V.I. 79655
Shapiro, A.J. *see* Nikitenko, V.I. 115633
Shapiro, A.R. *see* Starkhammar, H. 70097
Shapiro, A.Ya. *see* Perekalina, T.M. 114679
Shapiro, D.A. *see* Babin, S.A. 116366
Shapiro, D.A. *see* Babin, S.A. 116370
Shapiro, E.G. *see* Berge, L. 107590
Shapiro, E.P. *see* Azhari, H. 70046
Shapiro, H. *see* Qun Chen 120483
Shapiro, I.I. *see* Elosegui, P. 101503
Shapiro, J.H. Holographic generation of squeezed states? 65545
Shapiro, L. New ANSI/IEC standard for projectors 89236
Shapiro, L.L. *see* Gakhovich, D.E. 107491
Shapiro, L.S. *see* Murray, D.W. 67022
Shapiro, M. *see* Hu, W. 114534
Shapiro, M.A., Hu, W., Kreischer, K.E., Temkin, R.J. Linear gain of a gyro-TWT with a slotted-waveguide interaction space 114533
Shapiro, M.J., Matsuda, T., Nguyen, S.V., Parks, C., Dziobkowski, C. Fluorine diffusion from fluorosilicate glass 92818
Shapiro, R.S. *see* Eshkar, N.S. 80250
Shapiro, R.S. *see* Khorsandi, A. 80248
Shapiro, S. *see* Abe, K. 69708
Shapiro, S. *see* Abe, K. 69726
Shapiro, S. *see* Becker, R. 110615
Shapiro, V.A. Optimal binarization: a robust approximation scheme 97924
Shapiro, V.A., Veleva, P.K., Sgurev, V.S. Connectionist thresholding of gray-level images 86476
Shapiro, V.B. *see* Abroyan, M.A. 107127
Shapkin, P.V. *see* Korostelin, Yu.V. 74188
Shapkin, P.V. *see* Korostelin, Yu.V. 92672
Shapley, L.S. *see* Monderer, D. 82397
Shaposhnikov, S.V. *see* Cao, S.M. 114765
Shapot, D.V., Belenky, V.Z., Lukatsky, A.M. Methods of study of the relationship between energy and the economy 81192
Shapot, D.V. *see* Makarov, A.A. 81193
Shapovalov, A.V. *see* Kistenev, Yu.V. 65864
Shappir, J. *see* Agranat, A.J. 114169
Sharabati, W. *see* Krugger, B. 84000
Sharaf, A., Marvasti, F. A note on "block wavelet transforms for image coding" 97905
Sharaf, A.M., Caixia Guo, Hong Huang Distribution/utilization system voltage stabilization and power quality enhancement using intelligent smart filters 91140
Sharaf, A.M., Guo, C., Huang, H. Power factor correction for nonlinear loads using rule based modulated passive filters 80954
Sharaf, A.M., Hong Huang, Liuchen Chang Power quality and nonlinear load voltage stabilization using error-driven switched passive power filter 71514
Sharaf, A.M., Johnson, C. A novel adaptive rule based speed controller for PMDC motor drives 71774
Sharaf, A.M., Lie, T.T. A robust nonlinear power system stabilizer 101763
Sharaf, A.M. *see* El-Saady, G. 81937
Sharaf, A.M. *see* Fisher, M.E. 112450
Sharaf, A.M. *see* Shokralla, S.S. 73524
Sharaf, K.M. *see* Fadel, M. 114657
Sharaf, T.A.M. System loadability versus bus loadability for voltage instability [of power systems] 120956
Sharafi, A.A. *see* Hedjazi, M. 110803
Sharafutdinov, R.G., Skrynnikov, A.V., Parakhnevich, A.V., Ayupov, B.M., Badalian, A.M., Polyakov, O.V., Baklanov, M.R., Mogilnikov, K.P., Biryukov, S.A. High-rate deposition of a-Si:H films using a flow plasma-chemical method with electron beam activation 61404
Sharahia, A. *see* Diouris, J.F. 68124
Sharaiha, A. *see* Gonnet, P. 117049
Sharaiha, A. *see* Tarot, A.C. 66029
Sharan, P., Khastgir, P., Choudhury, P.K., Ojha, S.P. An analytical tolerance study of the cutoff condition for an optical waveguide with a lopsided distortion of the circular cross section 116061
Sharandin, E.A. *see* Grechin, S.G. 116438
Sharangpani, R., Cherukuri, K.C., Singh, R. Low thermal budget processing of organic dielectrics 74998
Sharda, H. *see* Bevinakoppa, S.G. 97577
Sharda, N.K. *see* Bevinakoppa, S.G. 97577
Sharda, T., Misra, D.S., Avasthi, D.K., Mehta, G.K. Dissociation kinetics of molecular hydrogen in a microwave plasma and its influence on the hydrogen content in diamond films 61391
Shardlow, P.J. *see* Dodson, A.H. 76418
Shareef, I.A., Rubloff, G.W., Gill, W.N. Role of gas phase reactions in subatmospheric chemical-vapor deposition ozone/TEOS processes for oxide deposition 61381
Sharenkova, N.V. *see* Vasil'ev, L.N. 62774
Shariatdoust, R.S. *see* Nagaraj, K. 114030
Sharif, B.S. *see* Adams, A.E. 90732
Sharif, M.A., Schwab, M.A., Chen, D.P., Hartmann, C.S. Coupled resonator filters with differential input and/or differential output 104662
Sharif, N. *see* Aldridge, B. 63950
Sharir, M. *see* Barequet, G. 67026
Sharir, V. *see* Shapir, I. 83318
Sharitka, J. *see* Wang, X.J. 96485
Sharivker, S.Yu. *see* Stolin, A.M. 81862
Sharkey, M., Hall, L.O. Speaker verification via self-configuring neural networks 117270
Sharkey, P.M., Murray, D.W. Delays versus performance of visually guided systems 117800
Sharkh, S.M.A. *see* McBride, J.W. 62431
Sharkov, A.V. *see* Dulnev, G.N. 105833
Sharma, A. An estimate of the accuracy achievable in time projection chambers with low mass gases 100859
Sharma, A. Optical molecular devices in chemical measurement 110129
Sharma, A., Posey, R., Phillips, L., Diggs, D. LP$_{01}$-LP$_{02}$ interferometric fiber-optic sensing using phase-dependent loss in a light tap 100065
Sharma, A., Tripathi, V.K. A plasma filled gyrotron-pumped free-electron laser 107365
Sharma, A. *see* Agnello, M. 110583
Sharma, A. *see* Belisle, W.R. 120869
Sharma, A. *see* Goel, J. 83466
Sharma, A. *see* Kundu, R.S. 104140
Sharma, A. *see* Posey, R. 110415
Sharma, A.B. *see* Pham Manh Lam 118436
Sharma, A.C. Charge carrier-impurity scattering in a doping semiconductor superlattice 105438
Sharma, A.K. *see* Arora, R.K. 79032
Sharma, A.K. *see* DuFault, M.D. 93796
Sharma, A.K. *see* DuFault, M.D. 100286
Sharma, A.K. *see* Kobayashi, K.W. 83439
Sharma, A.K. *see* Kuruvilla, B.A. 84151
Sharma, A.K. *see* Siddiqui, M.K. 83503
Sharma, B.L. *see* Ashokan, R. 106983
Sharma, B.L. *see* Gautam, M. 105722
Sharma, B.L. *see* Singh, R. 110167
Sharma, D.B. *see* Kashyap, P. 104890
Sharma, D.K. *see* Ekbote, S. 106011
Sharma, D.K. *see* Ramgopal Rao, V. 105485
Sharma, D.K. *see* Sahyuna, M.R.V. 76106
Sharma, D.K. *see* Zaman, P. 106179
Sharma, E.K. *see* Saini, M. 97231
Sharma, E.K. *see* Srivastava, S. 97249
Sharma, G., Dholakia, A., Hassan, A. Simulation of error trapping decoders on a fading channel 117180
Sharma, G.C., Agrawal, M. Some reliability measures of a system of components sharing a common environment 92317
Sharma, G.C. *see* Sharma, R. 82373
Sharma, G.D., Sandgodkar, S.G. Electrical and photovoltaic characteristics of a P-N junction organic device 112410
Sharma, G.D., Sandogaker, S.G., Roy, M.S. Electrical and photoelectrical properties of poly(phenyl azomethine furane) thin films devices 94443
Sharma, G.L. *see* Sharma, R.K. 69342
Sharma, H.S. *see* Chandra, I. 104843
Sharma, H.S. *see* Chandra, I. 104845
Sharma, J.D. *see* Pradhan, K.C. 104276
Sharma, K. *see* Datt, S. 76468
Sharma, K.K., Tripathi, A.N. Harmonic loss comparison of modulating function type PWM techniques for VSI-fed induction motors 111953
Sharma, M.K. Digital audio broadcasting through INSAT satellite 79138
Sharma, M.K. *see* Sinha, N. 81939
Sharma, M.P. *see* Peterson, P. 75879
Sharma, M.P. *see* Peterson, P. 85400
Sharma, N. *see* El-Sharkawy, M. 97965
Sharma, N.D., Anbarasu, R., Nataraj, J., Dangore, A.Y., Bhattacharjee, B. Prediction of the performance characteristics of a high frequency hysteresis motor employing simplified equivalent circuit approach 81430
Sharma, N.D., Anbarasu, R., Nataraj, J., Dangore, A.Y., Bhattacharjee, B. Experimental investigations on high speed solid and composite rotor induction motor 111983
Sharma, N.D. *see* Anbarasu, R. 111984
Sharma, N.K. Fault-tolerant sorting network for ATM switching 87319
Sharma, N.K. Space and time redundant broadband packet switch 108755
Sharma, N.K. *see* Tagle, P.U. 109154
Sharma, P.L., Li, Y.Y. Implementation of the feedback adaptive line enhancer on the TMS320C30 digital signal processor 83171
Sharma, P.S. Dynamic compensation of reactive power and suppression of harmonics 120977
Sharma, R., Fretwell, J., Doris, B., Banerjee, S. Molybdenum contamination in low-temperature epitaxial silicon films grown by remote plasma chemical vapor deposition 82588
Sharma, R., MacDonald, R.I., Lam, D., Clegg, D., Tholl, R., Zmeko, L. Broadband optoelectronic switch for digital and analog signals 99044
Sharma, R., Sethares, W.A., Bucklew, J.A. Asymptotic analysis of stochastic gradient-based adaptive filtering algorithms with general cost functions 108309
Sharma, R., Sharma, G.C. A queueing model with the bulk arrival rate depending upon the nature of service 82373
Sharma, R., Sutanto, H. Unifying configuration space and sensor space for vision-based motion planning 86782
Sharma, R. *see* Mishra, S.K. 61635
Sharma, R. *see* Srinivasa, N. 98040
Sharma, R.K., Bhatnagar, M.C., Sharma, G.L. Effect of Nb metal ion in TiO$_2$ oxygen gas sensor 69342
Sharma, R.P. Opto-electronic properties of pure and silver doped ZnTe thin films 105176
Sharma, R.P. Need for special design of squirrel cage motor 121965
Sharma, R.P. *see* Ogale, S.B. 63693
Sharma, S., Timothy, K.I., Devi, M., Barbara, A.K. Dynamics of the lower atmosphere through analysis of fade characteristics of microwave signals 107886
Sharma, S., Viniotis, I. Conservation laws for dynamic routing in multipath networks 118176
Sharma, S. *see* Decker, G. 80150

Sharma, S. *see* Sheng, I.C. 89592
Sharma, S.D., Ahuja, S.S. On a stochastic model of a queueing system with non-Markovian arrival mechanism 82384
Sharma, S.K., Srinivasamurthy, N., Agrawal, B.L. Investigation of the current break-down phenomena in solar cells 121881
Sharma, S.K. *see* Singh, V. 112411
Sharma, S.L. *see* Dube, S. 121837
Sharma, S.N. *see* Das, D. 74114
Sharma, T.P. *see* Misra, S.C.K. 105220
Sharma, T.P. *see* Singh, V. 112411
Sharma, V., Talke, F.E., Ng, Q. Tribological investigations of tri-pad sliders 115683
Sharma, V. *see* Kawashima, T. 99231
Sharma, V. *see* Mours, B. 120196
Sharma, V. *see* Varvarigos, E.M. 78751
Sharma, V.K., Singh, B., Murthy, S.S., Chandra, A., Al-Haddad, K. Performance analysis of fuzzy logic based speed controller for switched reluctance motor drive 112451
Sharma, V.K. *see* Gupta, M. 64729
Sharma, V.K.M. *see* Conibeer, G.J. 105166
Sharma, Y.D., Haldar, S., Thomas, C., Gupta, R.S. New threshold voltage model for an ion implanted GaAs MESFET 106096
Sharman, J. How publishers use encryption to create opportunities 66399
Sharman, K.C. *see* Esparcia-Alcazar, A.I. 108363
Sharof, A.M., Lie, T.T. A robust artificial neural network based speed/voltage regulator for synchronous generators 71277
Sharon, A., Rosenblatt, D., Friesem, A.A., Weber, H.G., Engel, H., Steingrueber, R. Light modulation with resonant grating-waveguide structures 116121
Sharon, A. *see* Lopez de Bertodano, M. 121305
Sharon, C.M., Lambadaris, I., Devetsikiotis, M., Kaye, A.R. Accurate modeling of H.261 VBR video sources for packet transmission studies 86712
Sharon, D. Power factor definitions and power transfer quality in nonsinusoidal situations 70638
Sharon, M. *see* Murali Krishna, K. 74283
Sharon, M. *see* Nandi, S. 112579
Sharon Hu Xiaobo *see* Xiaobo Sharon Hu
Sharonov, S.A. *see* Harding, D.J. 89795
Sharonov, S.A. *see* Harding, D.J. 89796
Sharonova, L.V. *see* Drozdov, S.V. 113292
Sharonova, L.V. *see* Drozdova, S.V. 92742
Sharov, V. *see* Benenson, R.E. 110618
Sharov, Y.V. *see* Stroev, V.A. 101895
Sharp, B.A., Grindrod, E.A., Camm, D.A. Hybrid TDMA/CSMA protocol for self managing packet radio networks 68071
Sharp, D.L.M., Bransford, J.D., Goldman, S.R., Risko, V.J., Kinzer, C.K., Vye, N.J. Dynamic visual support for story comprehension and mental model building by young, at-risk children 82116
Sharp, E. *see* Goodman, J. 97098
Sharp, G.D., Johnson, K.M. A new RGB tunable filter technology 85238
Sharp, I. *see* Kukushkin, A. 109532
Sharp, J. *see* Basol, B.M. 104093
Sharp, J.A. *see* Grant, P.W. 61004
Sharp, J.H., Budgett, D.M., Chatwin, C.R., Scott, B.F. High-speed, acousto-optically addressed optical memory 75403
Sharp, J.H., Gallen, N.A., Townsend, P.D. Optical waveguides in $Cr^{3+}:Gd_3Ga_5O_{12}$ made by ion implantation 75521
Sharp, J.H. *see* Budgett, D.M. 98289
Sharp, M. *see* Sarshar, A. 91945
Sharp, P. The service node: A path to INs 118224
Sharp, P.F. *see* Spencer, T. 110795
Sharp, R.C., Spock, D.E., Pan, N., Elliot, J. 190-fs passively mode-locked thulium fiber laser with a low threshold 75856
Sharp, R.C., Spock, D.E., Pan, N., Elliot, J. 190 fs passively mode-locked thulium fiber laser with low threshold 116414
Sharp, R.C. *see* Resler, D.P. 64821
Sharp, R.E., Pater, S.L. The use of pMOS dosimeters at megagray total doses 110608
Sharp, R.E., Pater, S.L., Garlick, D.R. Radiation tolerance of current CCD-based CCTV cameras 109925
Sharp, R.E. *see* Pater, S.L. 105916
Sharp, W. *see* Karpenko, V. 89695
Sharp, W.M. Modeling space charge in beams for heavy-ion fusion 90022
Sharp, W.M. *see* Fessenden, T.J. 89691
Sharp, W.M. *see* Friedman, A. 89692
Sharpe, C.A. Data communication by means of reflective transmission 78644
Sharpe, C.A. Automatic vehicle identification, using RF data communications 88077
Sharpe, D.J. *see* Andrews, T.A. 102577
Sharpe, R., Lalani, H. Taking ATM home–delivering broadband services 87680
Sharpe, R., Lalani, H. Taking ATM home 98657
Sharpe, R.G., Palmer, R.E. "Concerted" regeneration of electroformed metal-insulator-metal devices 74505
Sharshar, H.A. *see* Zainud-Deen, S.H. 97347
Sharygin, G.S. *see* Akulinichev, Yu.P. 80632
Shashidhar, N.S., Gordon, R., Sivaramakrishna, R. Detection of small tumors in the breast: combining tomography with digital subtraction 110775
Shashidhar, R. *see* Crawford, G.P. 95871
Shashidhar, R. *see* Geer, R.E. 106308
Shashidhar, R. *see* Gruneberg, K. 95275
Shashidhara, J. *see* Khambete, N.D. 110836
Shashikhin, V.N. *see* Busurin, V.N. 121373
Shashkov, V.M. *see* Naumov, V.G. 116339
Shashua, A. Algebraic functions for recognition 77317
Shashua, A., Avidan, S. The rank 4 constraint in multiple (⩾3) view geometry 67290
Shashua, A., Navab, N. Relative affine structure: canonical model for 3D from 2D geometry and applications 117556
Shashua, A. *see* Rousso, B. 86456
Shashua, A. *see* Weinshall, D. 67291
Shastri, A. Some sparse time-relaxed broadcast communication networks 86020
Shastri, N.L. *see* Patra, H.P. 90738
Shastry, S.V.K., Nagesh, S.K., Rao, M.N. Dipole excitation of RF shielded chamber 76463
Shastry, S.V.K. *see* Hariharan, V.K. 76458
Shastry, S.V.K. *see* Renuka, R. 74827
Shatalov, A.A. *see* Akimtsev, V.V. 110202
Shatilov, D. Beam-beam simulations at large amplitudes and lifetime determination 89749
Shatilov, D.N., Zholents, A.A. Lifetime and tail simulations for beam-beam effects in PEP-II B Factory 89834
Shatilov, D.N. *see* Kezerashvili, G.Ya. 120092
Shatrov, A.D. *see* Korshunov, I.P. 107971
Shatrov, A.D. *see* Korshunova, E.N. 76551
Shatrov, A.D. *see* Korshunova, E.N. 97330
Shattuck, M.D. *see* Arnder, L.L. 70092
Shatunov, Yu. *see* Koop, I. 120002
Shatunov, Yu. *see* Kovalsky, S. 120000
Shatunov, Yu. *see* Zwart, T. 79825
Shatunov, Yu.M. *see* Ptitsin, V.I. 89879
Shau-Ming Lun, Lo, T., Wu, F., Murphy, L., Sen, A. LANSIM and its applications to distributed EMS 101918
Shau-Wei Hsu The vector magnetic field dependence of the magnetic moment of particulate recording media 64458
Shaukatullah, H., Gaynes, M.A. Comparative evaluation of various types of heat sinks for thermal enhancement of surface mount plastic packages 92257
Shaukatullah, H., Storr, W.R., Hansen, B.J., Gaynes, M.A. Design and optimization of pin fin heat sinks for low velocity applications 103448
Shaulov, E.A. *see* Pogarsky, S.A. 73757
Shavelashvili, Sh.Sh. *see* Karumidze, G.S. 63257
Shaver, D.L. *see* Jubin, J.C. 68770
Shavgulidze, S. *see* Bossert, M. 108152
Shavgulidze, S. *see* Zyablov, V. 117252
Shavirin, I., Strelkov, O., Vetskous, A., Norton-Wayne, L., Harwood, R. Internal reflection sensors with high angular resolution 110205
Shavitt, Y. *see* Rom, R. 108878
Shaw, A., Al-Shamma'a, A., Stuart, R.A., Balfour, C., Lucas, J. First results of a cw industrial FEM 96080
Shaw, A. *see* Balfour, C. 96558
Shaw, A. *see* Beissner, K. 89582
Shaw, A. *see* Dearden, G. 96505
Shaw, A.K., Imtiaz, M. A general Look-Ahead algorithm for pipelining IIR filters 114132
Shaw, C.-H. *see* Gallia, J.D. 61735
Shaw, D. *see* Katz, R. 104527
Shaw, D.C., Lee, C.I. Radiation evaluation of the 80C186 16-bit microprocessor utilizing an in-circuit emulator for in-situ electrical biasing and characterization 61925
Shaw, D.C. *see* Johnston, A.H. 111049
Shaw, D.M. *see* Yu, Z. 94589
Shaw, D.T. *see* Haugan, T. 106647
Shaw, H. *see* Garrison, A. 90698
Shaw, H.J. *see* Sadowski, R.W. 75509
Shaw, J. *see* Palmer, D. 62571
Shaw, J. *see* Palmer, D. 105051
Shaw, J. *see* Shapiro, A. 90798
Shaw, J.A., Churnside, J.H. Ocean ripple statistics measured with a scanning-laser glint sensor 120872
Shaw, J.L., Gray, H.F., Jensen, K.L., Jung, T.M. Graded electron affinity electron source 83708
Shaw, J.L., Jung, T., Gray, H.F. A graded electron affinity field emission electron source 73947
Shaw, J.L., Sillmon, R.S., Gray, H.F., Park, D. Field emission from GaAs pyramids fabricated using selected area vapor phase epitaxy 74043
Shaw, J.L. *see* Garven, M. 74067
Shaw, J.L. *see* Gray, H.F. 73985
Shaw, J.L. *see* Temple, D. 74001
Shaw, J.L. *see* Yadon, L.N. 74016
Shaw, J.M. *see* Deutsch, A. 62454
Shaw, K.A., MacDonald, N.C. Integrating SCREAM micromachined devices with integrated circuits 74888
Shaw, K.A. *see* Ball, A.R. 106573
Shaw, L.B. *see* Bowman, S.R. 65165
Shaw, M. *see* Gek Woo Tan 92139
Shaw, M.E. *see* Shirer, H.O. 88753
Shaw, M.J. *see* Divall, E.J. 65036
Shaw, M.J. *see* Miller, B.L. 92561
Shaw, M.J. *see* Sikora, R. 104941
Shaw, M.P. *see* Farrah, H.R. 94887
Shaw, N. *see* Malzbender, J. 63240
Shaw, P.J. *see* Lee, R.A. 97972
Shaw, S., Whiteman, J.R. Discontinuous Galerkin method with a posteriori $L_p(0,t_i)$ error estimate for second-kind Volterra problems 113259
Shaw, S. *see* McHugh, R. 68713
Shaw, S. *see* McHugh, R. 88720
Shaw, S.R. *see* Schultz, A.M. 122046
Shaw, T.M., Laibowitz, R.B., Beach, D., Duncombe, P.R. The capacitance of $Pt/Pb_{0.65}La_{0.28}Ti_{0.96}O_3/Pt$ structures 63186
Shaw, T.O.R. Continuously proven battery availability 81729
Shaw, W.H. *see* Brown, H.K. 62489
Shaw, W.H. *see* Martin-Vega, L.A. 60515
Shaw Dein *see* Dein Shaw
Shaw-Cheng Chuang A flexible and secure multicast architecture for ATM networks 77640
Shaw-Cheng Chuang Securing ATM networks 78014
Shaw-Min Lei, Arnold, H.W., Sollenberger, N.R. The performance of PACS and its improvements at vehicular speeds 99189
Shawe-Taylor, J. *see* Baxter, J. 86228
Shawyer, P. Remote battery monitoring in distributed networks 91607
Shawyer, P.J. Batteries dead or alive 81723
Shayanfar, H.A., Yousefizadeh, H. Approximate partitioned sparse inverse method via MIF ordering for power network solutions 101750
Shayegan, M. *see* Bayot, V. 74382
Shayegan, M. *see* Grayson, M. 62978
Shazali Othman, M. *see* Larsson, C.N. 82290
Shcetinin, O.V. *see* Tumanov, I.M. 71529
Shchedrin, I.S. *see* Mishin, A.V. 89718
Shchedrina, L.V. *see* Kladkevich, M.D. 119730
Shcheglov, A.Yu. Accelerated probing of the data channel–a new multiple-access principle in local area networks 98687
Shcheglov, A.Yu. Monotonicity conditions for the solution of a quasilinear heat conduction equation with a discontinuous coefficient 103773
Shcheglov, K. *see* Fischer, T. 94264
Shcheglov, K.V. *see* Min, K.S. 62836
Shcheglov, V.A., Stepanov, A.A., Troshchenkov, S.V. Wave-front reversal of multifrequency continuous emission by Bragg scattering from phase regular inhomogeneities 76275
Shcheglov, V.A. *see* Aleksandrov, B.P. 85359
Shcheglov, V.A. *see* Eremin, E.V. 68948
Shcheglov, V.A. *see* Stepanov, A.A. 65045
Shchekin, K.I. *see* Vikulov, V. 110567
Shchekotov, E.Y. *see* Borodin, A.M. 65039
Shchelev, M.Ya. *see* Nolle, E.L. 91753
Shchelkunoff, S.V. *see* Kozyrev, E.V. 114520
Shchepunov, V.A. *see* Issinsky, I.B. 89827
Shcherbak, L., Feichouk, P., Fochouk, P., Panchouk, O. Self-compensation studies in Cd-saturated In-doped CdTe 94722
Shcherbak, V.V. *see* Shestopalov, V.P. 85924
Shcherbakov, A. *see* Bulyak, E. 80149
Shcherbakov, A. *see* Efimov, S. 79962
Shcherbakov, A. *see* Karnaukhov, I. 79776
Shcherbakov, A.S., Andreeva, E.I. Performance data of lengthy-span soliton transmission system 88492
Shcherbakov, A.S., Andreeva, E.I., Lyutetskii, A.B., Pikhtin, N.A., Leshko, A.Yu. Efficiency of two-ended matching of single-mode semiconductor structures with optical fibers 84964
Shcherbakov, E.A. *see* Basov, N.G. 94206
Shcherbakov, E.A. *see* Kozlovsky, V.I. 75951
Shcherbakov, I. *see* Bufetova, G.A. 116439
Shcherbakov, I.A. *see* Awad, H.R.I. 107186
Shcherbakov, I.A. *see* Kozlov, V.A. 96224
Shcherbakov, I.A. *see* Zagumennyi, A.I. 96189
Shcherbakov, I.A. *see* Zagumennyi, A.I. 96216
Shcherbakova, L.A. *see* Yakimov, A.I. 105193
Shcherbatenko, I.V. Designing the head-capacity characteristics of booster pumps 71110
Shcherbina, A.A. *see* Shifrin, Y.S. 61625
Shcherbinin, S.V. *see* Krotov, L.N. 113581
Shchetinin, O.V. *see* Tumanov, I.M. 71401
Shchevelev, O.N. *see* Borisov, N.S. 120104
Shchukin, A.V. *see* Koshelets, V.P. 93854
Shchukin, V.A. *see* Guryanov, G.M. 82626
Shchukin, V.A. *see* Guryanov, G.M. 83938
Shchukin, V.A. *see* Ledentsov, N.N. 63081
Shchuko, O.B. *see* Esipenko, V.I. 82411
Shchurov, V.V. *see* Borisov, V.P. 65040
Shchurov, V.V. *see* Velikanov, S.D. 107124
Shchurova, O. *see* Dorogan, V. 69133
She, C.Y. *see* Chen, H. 101553
She, N.J. *see* Ku, T.K. 62573
She Zhishun *see* Zhishun She
Shea, J.E., West, T.M. A methodology for curriculum development using multi-objective programming 103336
Shea, J.J., Boles, D., Yun-Ko Chien, Zeigler, R. Computer animated digital arc diagnostic system 62550
Shea, J.J., DeVault, B., Yun-Ko Chien Blow-open forces on double-break contacts 71589
Shea, L.E. *see* Malinowski, M.E. 74019
Shea, T.J., Mead, J., Degen, C.M. DSP based data acquisition for RHIC 100565
Shea, T.J. *see* Cameron, P.R. 100536
Shea, T.J. *see* Mackay, W.W. 89986
Shea, T.J. *see* Ryan, W.A. 100535
Shea, T.K. *see* Yamamoto, R.M. 90187
Shea, T.S. The privatization of INTELSAT: A user perspective 88422

Sheaff, N.B. Signature analysis enhances quality control in manufacturing 79246
Shealy, J.B., Matloubian, M., Liu, T.Y., Thompson, M.A., Hashemi, M.M., Denbaars, S.P., Mishra, U.K. High-performance submicrometer gatelength GaInAs/InP composite channel HEMT's with regrown ohmic contacts 115250
Shealy, J.B. *see* Pusl, J.A. 83501
Shealy, J.R. *see* Emerson, D.T. 82630
Shealy, J.R. *see* Emerson, D.T. 113372
Sheard, F.W., Fromhold, T.M. Sequential model of resonant tunnelling in triple-barrier diodes 63531
Sheard, F.W. *see* Fromhold, T.M. 62951
Sheard, F.W. *see* Ouali, F.F. 84297
Sheard, F.W. *see* Ouali, F.F. 105253
Shearer, A. *see* Read, P.D. 79526
Shearer, J. *see* Coppersmith, D. 92490
Shearer, M.M. Computational optimization of finite difference methods on the CM5 61063
Shearin, A. *see* HanQun Shangguan 101079
Sheather, S. *see* Smith, M. 103595
Sheather, S.J. *see* Jones, M.C. 103598
Sheather, S.J. *see* McKean, J.W. 103593
Sheatler, R. *see* Austin, W. 73088
Sheats, J.R., Antoniadis, H., Hueschen, M., Leonard, W., Miller, J., Moon, R., Roitman, D., Stocking, A. Organic electroluminescent devices 116244
Sheau Chen *see* Yale Sun 89320
Sheau-Chuen Lee *see* Hsien-Hui Tseng 113898
Sheau-Ling Hsieh *see* Martinez, R. 109257
Sheau-Shong Bor, Shui-Yuan Yang, Shu-Ming Yeh Electromagnetic backscattering from two cascade opposite rotating-fan array with tilted plate metal blades 97025
Sheau-Shong Bor, Shui-Yuan Yang, Shu-Ming Yeh, Sy-Ruen Hwang, Chang-Chou Hwang Electromagnetic backscattering from aircraft propeller blades 107852
Sheau-Shong Bor *see* Chang-Chou Hwang 72412
Sheau-Shong Bor *see* Chang-Chou Hwang 97078
Sheau-Shong Bor *see* Chang-Chou Hwang 111655
Sheau-Shong Bor *see* Wen-Shiung Chen 77285
Shebanin, A.P. *see* Gaisler, V.A. 105322
Shebell, P. *see* Reginatto, M. 101575
Sheble, G.B., Maifeld, T.T., Brittig, K., Fahd, G., Fukurozaki-Coppinger, S. Unit commitment by genetic algorithm with penalty methods and a comparison of Lagrangian search and genetic algorithm-economic dispatch example 80964
Sheble, G.B. *see* Maifeld, T.T. 102002
Shebolaev, I.V. *see* Ivannikov, V.I. 75548
Shechterman, M. Zoom athermal telescope having 18.5 magnification range for 8-12 μ range FLIR systems 70324
Shectman, A. *see* Greiner, H. 90911
Shee, J.-C. *see* Chau, Y.A. 86502
Shee Yao, Geraniotis, E. Optimal power control law for multimedia multirate CDMA systems 108803
Sheeder, J. *see* Teale, P. 101299
Sheedy, E. *see* Anerella, M.D. 90036
Sheedy, J.E., Bailey, I.L. Using visual acuity to measure display legibility 89397
Sheehan, B. An AWE technique for fast printed circuit board delays 83589
Sheehan, E. *see* Hurley, P.K. 115219
Sheehan, E. *see* Kalnitsky, A. 84231
Sheehan, F.H. *see* Yen-Hao Tseng 110782
Sheehan, J. *see* Singh, O. 89619
Sheehan, J. *see* Wang, X.J. 89699
Sheehan, J. *see* Wang, X.J. 96485
Sheehan, L., Kozlowski, M., Tench, B. Full aperture laser conditioning of multilayer mirrors and polarizers 85554
Sheel, S.J. *see* Juliano, B.A. 60478
Sheem, S.K. *see* Lee, S.B. 110087
Sheen, D.M., McMakin, D.L., Collins, H.D., Hall, T.E., Severtsen, R.H. Concealed explosive detection on personnel using a wideband holographic millimeter-wave imaging system 117646
Sheen, D.M. *see* McMakin, D.L. 112837
Sheen, D.R., Shackman, S.J., VandenBerg, N.L., Wiseman, D.L., Elenbogen, L.P., Rawson, R.F. The P-3 ultra-wideband SAR: description and examples 109768
Sheen Jeng-Jye *see* Jeng-Jye Sheen
Sheen Jyh-Wen *see* Jyh-Wen Sheen
Sheen Yung-Hoo *see* Yung-Hoo Sheen
Sheerin, D.T., Phillips, N.J. Real-time holography of high speed events using DuPont's OmniDex photopolymer 96760
Shees, M.M. *see* Asghar, M.S.J. 111948
Sheets, R.E. Scanning projection for large-area lithography 79613
Shefer, E. *see* Breskin, A. 94209
Sheffield, R.E., Lalicker, L.E. Simulation applications in V-22 and RAH-66 design and development 120595
Sheffield, R.L. High brightness electron sources 90075
Sheffield, R.L. *see* Carlsten, B.E. 79857
Shegai, O.A. *see* Zhuravlev, K.S. 113357
Shehadeh, F., Vodhanel, R.S., Gibbons, C., Ali, M. Comparison of gain control techniques to stabilize EDFAs for WDM networks 75849
Shehadeh, F. *see* Khrais, N.N. 88655
Shehadeh, F. *see* Vodhanel, R.S. 88651
Shehadeh, H.H. *see* Arkadan, A.A. 103093
Shehata, M.T., Carpenter, G.J.C. Microstructural characterization methodologies for $Ni/Ni(OH)_2$ powders for battery applications 92969
Shehata, S.A.M., Khalil, H.S., Yassin, I., Said, H.M., Moustafa, F. Harmonic analysis of the Egyptian 500 kV network due to static VAr compensators 91026
Shei, S.C. *see* Su, Y.K. 84426
Sheik-Bahae, M. *see* DeSalvo, R. 96639
Sheik-Bahae, M. *see* Shimada, T. 110407
Sheikh, A.U., Mlonja, C.H. Performance of fuzzy algorithm based handover process for personal communication systems 99263
Sheikh, A.U. *see* Abbas, S.A. 109506
Sheikh, A.U. *see* Chaudry, S. 88307
Sheikh, A.U. *see* El-Tarhuni, M.G. 109428
Sheikh, A.U.H. *see* El-Tarhuni, M.G. 99119
Sheikh, A.U.H. *see* Hendessi, F. 99208
Sheikh, A.U.H. *see* Jian Cui 117081
Sheikh, A.U.H. *see* Van Heeswyk, F. 109449
Sheikh, A.U.H. *see* van Heeswyk, F. 119021
Sheikh, J.Y. *see* Bolme, G.O. 89706
Sheikh, S.I., Gibson, A.A.P., Dillon, B.M. Bias-field/frequency design charts for composite gyrotropic resonators 93729
Sheikholeslami, A., Gulak, P.G., Hanyu, T. A multiple-valued ferroelectric content-addressable memory 73398
Sheikhzeinoddin, H.R. *see* Ahmadian, M.T. 120524
Shein, E., Mausner, E. Deployment and commercialization of cost and safety-effective Autonomous Intelligent Cruise Control [AICC] system 81986
Sheinbaum, C., Martinez, M., Rodriguez, L. Trends and prospects in Mexican residential energy use 71927
Sheinin, M. *see* Drori, R. 96506
Sheinin, M. *see* Jerby, E. 107032
Sheinin, M.J. *see* Arsenjev, A.P. 70243
Sheinkman, M.K. *see* Buyanova, I.A. 116214
Sheinvald, J., Wax, M., Weiss, A.J. On maximum-likelihood localization of coherent signals 117317
Sheinvald, J. *see* Wax, M. 77036
Shejbal, J. The influence of feed water collector reconstruction on distribution of impurities in steam generator water 71058
Shek, A. *see* Phillips, C. 99647
Shek, E.I. *see* Bresler, M.S. 75720
Shek Lee Man *see* Man Shek Lee
Shekar, M.S., Baliga, B.J. Temperature dependence of the emitter switched thyristor characteristics 74712
Shekar, M.S., Hartular, A., Wrathall, B., Williams, R.K. Modeling the thermal transients in automotive power ICs 106169
Shekar, M.S. *see* Constapel, R. 105976
Shekar, M.S. *see* Waisum Wong 63653
Shekar, N.V.C. *see* Yousuf, M. 120235
Shekar Rao, S.C., Cuzner, R.M. Capacitor excited single phase brushless generator design and modelling using dq variables 111921
Shekarforoush, H., Berthod, M., Zerubia, J. Subpixel image registration by estimating the polyphase decomposition of cross power spectrum 86425
Shekhar, C. *see* Chellappa, R. 66872
Shekhawat, G.S. *see* Kuruvilla, B.A. 84151
Shekhovtsov, L.V. *see* Semenova, G.N. 61189
Shekhter, R.I. *see* Gorelik, L.Y. 105418
Shekhtman, B. Another note on polynomial vs. rational approximation 72597
Shekhunova, N.A. *see* Bezzateev, S.V. 66495
Shelby, R.M. *see* Bernal, M.-P. 65569
Shelby, R.M. *see* Lundquist, P.M. 75413
Shelby, R.M. *see* Lundquist, P.M. 116785
Shelby, R.M. *see* Poga, C. 95658
Shelby, R.M. *see* Wortmann, R. 106757
Sheldon, P. *see* Dhere, R.G. 112367
Sheldon, P. *see* Gessert, T.A. 91731
Sheldon, P. *see* Li, X. 112366
Sheldon, P. *see* Niles, D.W. 91737
Sheliga, M., Hsing-Mean Sha, E. Hardware/software co-design with the HMS framework 106134
Shelikhov, V. *see* David, G. 80077
Shelkovnikov, B. *see* Sunduchkov, K. 99435
Shelkovnikov, V.V. *see* Vyukhina, N.N. 75410
Shell, M., Vaughn, M.D., Wang, A., Blumenthal, D.J., Rigole, P.-J., Nilsson, S. Experimental demonstration of an all-optical routing node for multihop wavelength routed networks 109661
Shell, M. *see* Blumenthal, D.J. 78697
Shell, R.R. *see* Levine, E.R. 90835
Shelley, M.W., Brain, D.J., Roederer, A. Control of polarisation purity in circularly polarised frequency scanning arrays 66145
Shellock, F.G., Shellock, V.J. Vascular access ports and catheters: ex vivo testing of ferromagnetism, heating, and artifacts associated with MR imaging 80334
Shellock, V.J. *see* Shellock, F.G. 80334
Shellshear, A.J. *see* Dall, I.W. 68610
Shellshear, A.J. *see* White, K.A.B. 119270
Shelton, J. PCs and instruments–the great divide 68986
Shelton, J.D. *see* Avent, R.K. 90900
Shelton, R.N. *see* Zhang Lu 75327
Shelton Fu *see* Thibado, P.M. 84005
Sheltry, J.F. *see* Robertson, R.C. 88111
Sheludchenkov, A.V. *see* Gapochka, M.G. 94197
Shelukhin, O.I., Metangbu, J.-P. Statistical characteristics and models of signals and noise in satellite communication systems and direct television broadcasting 68834
Shembel, E.M., Apostolova, R.D., Strizhko, A.S., Rozhkov, V.V., Mukhin, V.V. Electrochemical and chemical processes in lithium chemical power sources with nonaqueous electrolytes 112175
Shembel, E.M., Globa, N.I., Maksyuta, I.M., Apostolova, R.D., Pisniy, V.M. Electrochemical properties of lithiated oxides as cathodic materials for lithium accumulators with nonaqueous electrolytes 112235
Shembel, E.M., Maksyuta, I.M., Neduzhko, L.I., Rozhkov, V.V., Mukhin, V.V. Electrochemical properties and cycling efficiencies of anodes based on lithium alloys in nonaqueous electrolytes of different compositions 112236
Shemesh, Y. *see* Ruberto, M.N. 107438
Shemesh, Y. *see* Sabban, A. 99433
Shemlon, S.S., Dunn, S.M. Elastic string models for planar object alignment. I. Theory and methods 86339
Shen, A. *see* Alwan, A. 86156
Shen, A. *see* Merle D'Aubigne, Y. 62859
Shen, A. *see* Ohno, H. 83884
Shen, B., Allegretto, W., Hu, M., Robinson, A.M. CMOS micromachined cantilever-in-cantilever devices with magnetic actuation 84662
Shen, B., Sethi, I.K. Scanline algorithms in compressed domain 86318
Shen, B., Sethi, I.K. Scanline algorithms in the JPEG discrete cosine transform compressed domain 108712
Shen, B. *see* Wang, C. 66316
Shen, B *see* Yang, K. 105188
Shen, B.G. *see* Zhang, S.Y. 115851
Shen, C., Song, T., Lemmin, U. Skin friction measurement in variable temperature flow 110451
Shen, C. *see* Goyal, P. 88862
Shen, C. *see* Lauer, H.C. 118397
Shen, C.Y. *see* Chubb, S.R. 111289
Shen, D., Ip, H.H.S. Optimal axes for defining the orientations of shapes 117552
Shen, D.H., Chien-Meen Hwang, Lusignan, B., Wooley, B.A. A 900 MHz integrated discrete-time filtering RF front-end 78465
Shen, D.H. *see* Nagasubramanian, G. 81696
Shen, D.S. Transient opto-electric response in hydrogenated amorphous silicon and implications for high speed sensor devices 99981
Shen, D.S. *see* Conde, J.P. 114720
Shen, D.Z., Zhang, J.Y., Wang, S.M., Yang, B.J., Fan, X.W. Picosecond optical bistability in ZnSe-CdZnSe multiple quantum wells with a Fabry-Perot cavity 76110
Shen, F., Narayanswami, C., Bohn, R.G. Magnetic field effects in RF magnetron sputtering of CdS/CdTe solar cells 112364
Shen, F. *see* Ahn, T.W. 114141
Shen, G.D., Chen, J.X., Zou, D.S., Gao, G., Du, C.X., Xu, D.X., Ni, W.X., Willander, M., Hansson, G.V. Study of SiGe/Si heterostructure electronic devices 84339
Shen, G.D. *see* Chen, J.X. 84342
Shen, G.H. *see* Iijima, M. 64175
Shen, H. *see* Runge, N. 78097
Shen, H. *see* Tyan, S.L. 74344
Shen, J., Tehrani, S., Goronkin, H., Kramer, G., Tsui, R. An XNOR device in hybrid InAs/AlSb/GaSb and InGaAs material systems 61799
Shen, J. *see* Tsui, R. 103961
Shen, J.-I. *see* Jau-Ho Jean 92968
Shen, J.J., Cook, L.M., Pierce, K.G., Loncki, S.B. Nonparticulate origins of light point defects on polished silicon wafers 74600
Shen, J.L., Lin, L.Y., Lee, S.S., Wu, M.C. A micromachined free-space integrated optical disk pickup head 64624
Shen, J.L. *see* Lin, L.Y. 75561
Shen, J.L. *see* Lin, L.Y. 78673
Shen, J.X., Kiel, M.T. Exchange coupling between NiO and NiFe thin films 64259
Shen, J.X., Ossau, W., Fischer, F., Waag, A., Landwehr, G. Magnetic oscillation of many-body effects in CdTe based modulation doped quantum wells 74406
Shen, J.X. *see* Shan, Z.S. 64366
Shen, L., Rangayyan, R.M. Improved joint bi-level image experts group (JBIG) data compression of continuous-tone images 86480
Shen, L., Sheng, Y. Noncentral image moments for invariant pattern recognition 86968
Shen, L.C. *see* Yongmin Zhang 90758
Shen, M.F., Sun, L.S. Modelling and processing of phonocardiogram via parametric bispectral approach 120328
Shen, M.Y., Koyama, S., Saito, M., Goto, T., Kuroda, N. Second-harmonic generation resonant to the 1S orthoexciton level of cuprous oxide 76133
Shen, N.X., Zhang, Y.D., Budnick, J.I., Hines, W.A., Binninger, U. Nuclear magnetic resonance study of R_2Fe_{17} (R=Y, Sm, and Gd) hydrides 64321
Shen, R. *see* Balakrishnan, M. 99770
Shen, S. *see* Deis, G. 106719
Shen, S. *see* Jeong, S. 95578
Shen, S. *see* Sangkwon Jeong 106713
Shen, S.C., Lu, W., Ou, H.J., Chen, M.H., Huang, X.L. Demonstration of infrared imaging camera with GaAs/AlGaAs QWIP array as detectors 69290

Shen, S.C., Shen, W.Z., Tang, W.G., Zhao, Y., Li, A.Z. Growth and optical investigation of quaternary GaInAsSb/AlGaAsSb quantum wells 61234
Shen, S.C. *see* Lu, W. 62715
Shen, S.C. *see* Shen, W.Z. 74451
Shen, S.C. *see* Shen, W.Z. 94519
Shen, S.C. *see* Shen, W.Z. 114736
Shen, S.C. *see* Wenlan Xu 69174
Shen, S.C. *see* Zhang, J.M. 105538
Shen, S.S. *see* Smith, B.A. 102172
Shen, T. *see* Sousa, J.T. 73848
Shen, T.-C. *see* Lyding, J.W. 84250
Shen, T.-C. *see* Tucker, J.R. 63727
Shen, T.-C. *see* Tucker, J.R. 115042
Shen, W. *see* Scharer, J.E. 117092
Shen, W. *see* Teodorescu, R. 95546
Shen, W.-Z. *see* Cheng, Y.-J. 88039
Shen, W.-Z. *see* Hwang, G.-H. 73258
Shen, W.X. *see* Cai, G.G. 101456
Shen, W.Z., Shen, S.C., Chang, Y., Tang, W.G., Chen, J.X., Li, A.Z. Photoluminescence studies of InGaAs/InAlAs strained double quantum wells 114736
Shen, W.Z., Shen, S.C., Tang, W.G., Chang, Y., Zhao, Y., Li, A.Z. Optical properties of quaternary GaInAsSb/AlGaAsSb strained quantum wells 74451
Shen, W.Z., Shen, S.C., Tang, W.G., Chang, Y., Zhao, Y., Li, A.Z. Demonstration of light-hole behavior in quaternary GaInAsSb/AlGaAsSb quantum wells using infrared photoluminescence spectroscopy 94519
Shen, W.Z. *see* Shen, S.C. 61234
Shen, X.A., Hartman, R., Kachru, R. Impulse-equivalent time-domain optical memory 75412
Shen, X.C. *see* Guo, S.P. 63218
Shen, Y. *see* Liu, Y. 110254
Shen, Y.-L., Suresh, S., Blech, I.A. Stresses, curvatures, and shape changes arising from patterned lines on silicon wafers 94769
Shen, Y.-S. *see* He, J. 87602
Shen, Y.Q. *see* Zhang, Z.X. 69536
Shen, Y.R. Nonlinear optics and organic materials 76241
Shen, Y.R. *see* Kim, D. 96719
Shen, Z., Parthasarathy, V., Chow, T.P. Improvement of IGBT latching performance by indium doping 63705
Shen, Z. *see* Burrows, P.E. 75747
Shen, Z.J., Robb, S.P. Design and modeling of the 600 V IGBT with emitter ballast resistor 63704
Shen, Z.J., Robb, S.P. Design and modeling of the 600 V IGBT with emitter ballast resistor 84376
Shen, Z.J., Robb, S.P. Design and modeling of the 600 V IGBT with emitter ballast resistor 84425
Shen, Z.J., Robb, S.P. Monolithic integration of the vertical IGBT and intelligent protection circuits 104333
Shen, Z.J., Robb, S.P., Cheng, C. Design and characterization of the 600 V IGBT with monolithic over-voltage protection 113753
Shen, Z.J. *see* Mamileti, L. 122063
Shen Bao-Gen *see* Bao-Gen Shen
Shen Baogen, Gong Huayang, Cheng Zhaohua, Kong Linshu, Wang Fangwei, Liang Bing, Zhang Junxian, Guo Huiqun, Zhao Jiangao Effects of Ga substitution on the hard magnetic properties of the Sm$_2$Fe$_{17}$C$_{1.5}$ compounds 64476
Shen Bo *see* Bo Shen
Shen Chengliang *see* Hu Jianan 79348
Shen Chia *see* Chia Shen
Shen Chien-Chung *see* Chien-Chung Shen
Shen Deyuan, Wang Changqing, Shao Zongshu, Sun Lianke, Jiang Minhua Performance of a highly efficient Nd:YVO$_4$ diode-laser end-pumped laser 65158
Shen Deyuan *see* Deyuan Shen
Shen Dian-Hong *see* Dian-Hong Shen
Shen Dinggang, Qi Feihu, Li Yanbing A real-time image recognition system 98088
Shen Dinggang *see* Dinggang Shen
Shen Fenglin, Wang Yi, Xie Hua A new error criterion for ECG data compression 120427
Shen Guang-di *see* Guang-di Shen
Shen Guoqiang *see* Guoqiang Shen
Shen Haodong, Zhou Yefei The application of microcomputer simulating and programming operation software in substation 112159
Shen Iuan Liu, Yu-Hung Liao Table-based log-domain linear transformation filter 104677
Shen Jen, Hartmann, C.S. Direct measurement of SAW dispersion relation by laser probe 110461
Shen Jiacong *see* Jiacong Shen
Shen Jian *see* Jian Shen
Shen Jianwei, Ma Nianzu Elimination of asymmetry error in three phase reactive power measurement by microcomputer sampling from alternative signals 111693
Shen Jie *see* Jie Shen
Shen Jin-Hui *see* Jin-Hui Shen
Shen Jinlong *see* Jinlong Shen
Shen Jinxing *see* Jinxing Shen
Shen Jun *see* Jun Shen
Shen Ke *see* Yang Huaijiang 116715
Shen Ke *see* Ke Shen
Shen Keqiang *see* Keqiang Shen
Shen Liqin, Qi Feihu Color spatial quantization and compression technique based on palette 108404
Shen Liying, Qing Xianming, Lu Jiang, Zhang Qishao Analysis of miniaturized high-temperature superconductor microstrip antenna 97340
Shen Luo *see* Afonso, V.X. 70140
Shen Qiang *see* Qiang Shen
Shen Qihua *see* Yan Yong-Mei 69343
Shen Qihua *see* Qihua Shen
Shen Qinwo *see* Qinwo Shen
Shen Ronghui *see* Wang Feixue 98213
Shen Shaoqun *see* Bao Minhang 84181
Shen Shi-Yi *see* Shi-Yi Shen
Shen Tao *see* Tao Shen
Shen Tinggen Three photon absorption effect and error code rate 65078
Shen Wang Hong *see* Hong Shen Wang
Shen Weiching *see* Weiching Shen
Shen Weijun *see* Weijun Shen
Shen Wen Zen *see* Wen Zen Shen
Shen Wenbing, Zhu Xiaoling Adaptive filtering processing for kinematical DGPS positioning 79041
Shen Wenzhong, Tang Wenguo, Li Ziyuan, Shen Xuechu, Dimoulas, A. Fourier transform photoluminescence studies of δ-doped pseudomorphic HEMTs AlGaAs/InGaAs/GaAs 115243
Shen Xingzhong, Hu Shizheng Application of infrared imagery technology in south power network of Hebei province 81373
Shen Xingzhong *see* Hu Shizheng 121241
Shen Xu *see* Wu Zhaolin 73095
Shen Xuechu *see* Shen Wenzhong 115243
Shen Xueqin *see* Wu Qing 71583
Shen Xueqin *see* Wu Qing 107801
Shen Xueqin *see* Zhang Huijuan 102903
Shen Ye *see* Mansour, R.R. 93695
Shen Ye *see* Mansour, R.R. 99401
Shen Yinan *see* Yinan Shen
Shen Yongping *see* Fu Guangjie 77349
Shen Yuanlong *see* Yuanlong Shen
Shen Yusheng *see* Yusheng Shen
Shen Yuzhen *see* Shi Jiying 81535
Shen Yuzhen *see* Yuzhen Shen
Shen Zhe *see* Ye Zifeng 100400
Shen Zhen-Kang *see* Zhen-Kang Shen
Shen Zheng-Kang *see* Zheng-Kang Shen
Shen Zhenkang *see* Li Biao 120945
Shen Zhi-Yuan *see* Zhi-Yuan Shen
Shen Zhongxiang *see* Zhongxiang Shen
Shen Zuowei *see* Zuowei Shen
Shen-Ge Wang *see* Easton, R.L., Jr. 96800
Shen-Iiuan Liu, Po-Ki Chen, Jiann-Horng Tsay Wide range linear tunable BiCMOS transconductor and four-quadrant multiplier 106249
Shen-Iuan Liu, Cheng-Chieh Chang A CMOS square-law vector summation circuit 83266
Shen-Iuan Liu, Jiann-Horng Tsay Single-resistance-controlled sinusoidal oscillator using current-feedback amplifiers 61680
Shen-Iuan Liu, Yu-Hung Liao Current-mode quadrature sinusoidal oscillator using single FTFN 93177
Shen-Iuan Liu *see* Jiann-Horng Tsay 84361
Shen-Iuan Liu *see* Jiann-Horng Tsay 115182
Shen-Li Chen *see* Wen-Chung Chang 106049
Shen-Li Fu *see* Chi-Shiung Hsi 104962
Shen-Li Fu *see* Lih-Shan Chen 112890
Shen-Tuan Liu, Jiin-Long Lee Insensitive current/voltage-mode filters using FTFNs 73526
Shenai, K. *see* Fischer, K. 63743
Shenai, K. *see* Fischer, K. 71427
Shenai, K. *see* Li, H.H. 61640
Shenai, K. *see* Pendharkar, S. 61605
Shenai, K. *see* Pendharkar, S. 63519
Shenai, K. *see* Pendharkar, S. 71426
Shenai, K. *see* Pendharkar, S. 112138
Shenai, K. *see* Pendharkar, S.P. 63542
Shenai, K. *see* Trivedi, M. 112101
Shenai, K. *see* Widjaja, I. 63592
Shenbrot, I.M., Belyaev, B.M. Error of measurement of thermal power 89543
Shende, S. *see* Narahari, B. 118174
Shenfeng Chen, Reif, J.H. Efficient lossless compression of trees and graphs 86229
Sheng, I.C., Sharma, S., Rotela, R., Howell, J. Thermomechanical analysis of a compact-design high heat load crotch absorber 89592
Sheng, J.H. *see* Zhang, Y.P. 116917
Sheng, L., Gu, R.Y., Xing, D.Y., Wang, Z.D., Jian-Xin Zhu Giant magnetoresistance in magnetic granular systems 75075
Sheng, L., Xing, D.Y., Wang, Z.D., Jinming Dong Green's function approach to transport in quantum wires with rough surfaces 105325
Sheng, O.R.Liu *see* Liu Sheng, O.R.
Sheng, P. *see* Mattis, J. 72378
Sheng, P.S. *see* Hertwich, E.G. 72235
Sheng, S., Lynn, L., Peroulas, J., Stone, K., O'Donnell, I., Brodersen, R. A low-power CMOS chipset for spread spectrum communications 78537
Sheng, Y. *see* Shen, L. 86968
Sheng, Y.-Q. *see* Pogrebnyakov, A.V. 75344
Sheng, Yu.K. *see* Pogrebnyakov, A.V. 95448
Sheng Chang Pi *see* Pi Sheng Chang
Sheng Chao Tien *see* Tien Sheng Chao
Sheng Chen Kang *see* Kang Sheng Chen
Sheng Cheng *see* Edwards, M.L. 83404
Sheng Chi *see* Chi Sheng
Sheng Fang *see* Zhdanov, M.S. 101515
Sheng Fang *see* Fang Sheng
Sheng Huanye *see* Huanye Sheng
Sheng Jian-Ni *see* Jian-Ni Sheng
Sheng Jianni *see* Zheng Mei 107719
Sheng Lin Chern *see* Chern Sheng Lin
Sheng Qian *see* Qian Sheng
Sheng Qiu Shui *see* Qiu Shui Sheng
Sheng Qiuqin *see* Jin Fahong 116034
Sheng Qiuqin *see* Zhang Haining 76099
Sheng Shimin *see* Shi Yunhua 82996
Sheng Shuran *see* Shuran Sheng
Sheng Wang *see* Wang Sheng
Sheng Wang Chien *see* Chien Sheng Wang
Sheng Wei *see* He Yubin 71257
Sheng Wei-Dong *see* Wei-Dong Sheng
Sheng Weidong, Xia Jianbai Influence of the lateral confining potential on the ballistic electron transport in a quantum wire 114771
Sheng Yong *see* Cao Rongjiang 70639
Sheng Yongwei *see* Yongwei Sheng
Sheng Yunlong *see* Yunlong Sheng
Sheng Zhang *see* Margalit, N.M. 85541
Sheng-Bin Hu, Bo Liu, Teck-Seng Low Skew angle and off-track capability of near contact recording systems 115784
Sheng-Cheng Hsieh *see* Nan-Yang Yen 78594
Sheng-Ching Jeng *see* Jian-Liang Chen 118261
Sheng-De Wang *see* Jeen-Fong Lin 88031
Sheng-Hsiung Chen *see* Chia-Fu Chen 61395
Sheng-Hsiung Chen *see* Chia-Fu Chen 82740
Sheng-Hui Yang, Smith, S., Fitz, J., Lee, C.F. Generation of high power gain-switched pulses from a two-section ridge-waveguide laser diode with a laterally tapered energy-storage section 65246
Sheng-Jyh Wang, Binford, T.O. Generic, model-based estimation and detection of discontinuities in image surfaces 77175
Sheng-Liang Kao, Chiou-Shann Fuh Photometry for shape from shading 77517
Sheng-Liang Zhang *see* Tian-Ying Li 74010
Sheng-Lyang Jang, Tz-Hua Tang, Young-Shying Chen, Chorng-Jye Sheu Modeling of hot-carrier stressed characteristics of submicrometer pMOSFETs 74717
Sheng-Nian Yeh *see* Chin-Fu Shih 80855
Sheng-Nian Yeh *see* Chuan-I Chen 81444
Sheng-Tsaing Tseng *see* Chih-Hua Chiao 92142
Sheng-Wang Yu *see* Bih-Hwang Lee 109033
Sheng-Yuan Chu, Kenji Uchino Photostrictive effect in PLZT-based ceramics and its applications 115422
Shengang Liu *see* Liu Shengang
Shengcai Liu *see* Liu Shengcai
Shenggang Li Some results on $\tilde{I}(L)$ and $\tilde{R}(L)$ 92472
Shenggang Liu *see* Jianqiang Wu 96959
Shenggang Liu *see* Liu Shenggang
Shengguo Huang *see* Huang Shengguo
Shenghe Sun *see* Sun Shenghe
Shenghong Li *see* Li Shenghong
Shenghua Huang *see* Huang Shenghua
Shenghua Ye, Fajie Duan, Chunhe Wang, Jianxin Zhang Study on vision inspection technique for meshes 92170
Shenghua Ye, Fajie Duan, Chunhe Wang, Jianxin Zhang Study on visual inspection technique for meshes 92294
Shenghua Ye, Hai Xiao, Haitao Hong, Chunhe Wang Optic fiber interferometric system for absolute distance measurement 79491
Shenghua Zou *see* Zou Shenghua
Shengli Lin *see* Lin Shengli
Shengli Wu *see* Wu Shengli
Shengnan Zheng *see* Zheng Shengnan
Shengquan Gao *see* Gao Shengquan
Shengrui Wang *see* Djemel Ziou 86436
Shengshi Zhu, Yibao Xing, Fenghai Sui Fault component reactance relay 102234
Shengshu Li *see* Li Shengshu
Shengshu Tang *see* Tang Shengshu
Shengwu Wang *see* Wang Shengwu
Shengyou Wang, Caizhi Cao, Peiduan Fei, Aihua Zhang High-G accelerometer dynamic calibration by a laser differential Doppler technique 69108
Shengyun Zhu *see* Zhu Shengyun
Shengzhi Zhao, Qingpu Wang, Xingyu Zhang, Lianke Sun, Shaojun Zhang Laser demonstration of diode-laser pumped Nd:Sr$_5$(VO$_4$)$_3$F crystal 96221
Shengzhi Zhao *see* Qingpu Wang 85408
Shengzhi Zhao *see* Qingpu Wang 96220
Shengzhi Zhao *see* Zhao Shengzhi
Shengzhong Qiao *see* Qiao Shengzhong
Shenjun Nin *see* Guangping Li 84069
Shenjun Niu *see* Jinliang Yuan 84101
Shenjun Zhang, Wanying Li, Houjun Lin, Baofa Zhu, Chongde Fan, Jianzia Lu, Jianli Xing, Bingchen Zhu A new technique to fabricate overhanging structure for forming IC metal patterns by lift-off 84211
Shenk, D.S. *see* Strasser, T.A. 88633
Shenk, D.S. *see* Wysocki, P.F. 65111
Shenker, S., Clark, D., Estrin, D., Herzog, S. Pricing in computer networks: Reshaping the research agenda 67785
Shenker, S., Clark, D., Estrin, D., Herzog, S. Pricing in computer networks: reshaping the research agenda 98675
Shenker, S. *see* MacKie-Mason, J. 67786
Shenker, S. *see* Mitzel, D.J. 87792

Shenoy, J.N., Das, M.K., Chindalore, G.L., Cooper, J.A., Jr., Melloch, M.R., Palmour, J.W., Irvine, K.G. Recent advances in silicon carbide MOS technology 105516
Shenoy, P.J. *see* Goyal, P. 88862
Shenoy, P.M., Baliga, B.J. Planar, high voltage, boron implanted 6H-SiC P-N junction diodes 105888
Shenoy, R. *see* Casasent, D. 86262
Shenoy, R.G. *see* Prange, R.D. 101594
Shenoy, R.P. *see* Rajalakshmi Menon, K. 68662
Shenoy, R.V., Datta, M. Effect of mask wall angle on shape evolution during through-mask electrochemical micromachining 63996
Shenoy, R.V., Datta, M., Romankiw, L.T. Investigation of island formation during through-mask electrochemical micromachining 92185
Shenoy, R.V. *see* Datta, M. 60636
Shenoy, S. *see* Zejda, J. 73228
Shenoy, S.R. *see* Prasad, R. 95947
Shenping Li, Pons, R., Pi, F. Laser with a nonlinear mirror: application for improving the output power stability of a cw laser 65399
Shenping Li, Pons, R., Pi, F., Orriois, G. Characteristics of a dye laser with an optothermal bistable mirror 116389
Shenq Wang *see* Markandey, V. 87188
Shensa, M.J. Discrete inverses for nonorthogonal wavelet transforms 66691
Shenton, A.T. *see* Hariri, B. 102428
Shenton, M. *see* Ettinger, G.J. 110704
Shenton, M.E. *see* Naf, M. 110715
Shenzong Hu *see* Hu Shenzong
Shepard, F.D., Mooney, J.M., Tzannes, A.P., Murguia, J.H. Improved cell design for Shottky barrier infrared detector arrays 69155
Shepard, K.W., Kim, J.W. A low-charge-state injector linac for ATLAS 89723
Shepard, K.W. *see* Kim, J.W. 95573
Shepard, M. *see* Freibert, F. 75301
Shepard, M.K. *see* Campbell, B.A. 120702
Shepard, M.K.S. *see* Reed, M.K. 96637
Shepard, P. *see* Zimmermann, S. 79258
Shepard, P. *see* Zimmermann, S. 100857
Shepard, R.L. *see* White, D.R. 119664
Shepard, S.M. *see* Flath, L.M. 72333
Shepard, T.J. A channel access scheme for large dense packet radio networks 118779
Shepelenko, A.A. *see* Kupryaev, N.V. 65043
Shepelenko, A.A. *see* Mikheyev, P.A. 107414
Shepelev, A.N. *see* Luchinskii, A.V. 121535
Shepelev, A.N. *see* Ratakhin, N.A. 119962
Shepelev, V.A., Director, S.W. Automatic workflow generation 113673
Shepeljavi, P.E. *see* Kostioukevitch, S.A. 84949
Shepel'skii, G.A. *see* Vas'ko, F.T. 74266
Shephard, P.G., III *see* Druckerman, H.B. 72250
Shepherd, B. *see* Lowe, E.D. 119139
Shepherd, B.A. *see* Hovis, F.E. 107481
Shepherd, D., Scott, A., Rodden, T. Quality-of-service support for multimedia applications 118638
Shepherd, D. *see* Yeadon, N. 87921
Shepherd, D. *see* Yeadon, N. 109205
Shepherd, D.P. *see* Gill, D.S. 85404
Shepherd, D.W. *see* Cumbi, M.J.N. 61547
Shepherd, F. *see* Li, G.P. 96427
Shepherd, F.D. *see* Mooney, J.M. 79554
Shepherd, G. Telstra Research Laboratories in the new competitive environment 98553
Shepherd, N. *see* Luscombe, A.P. 120733
Shepherd, N.W. *see* Srivastava, S.K. 120726
Shepherd, O. *see* Beeler, C.J. 90795
Shepherd, O. *see* Stair, A.T., Jr. 90796
Shepherd, P.R. *see* Cryan, M.J. 62307
Shepherd, P.R. *see* Spillard, C. 73626
Shepherd, P.R. *see* Stoiljkovic, V. 66098
Shepherd, P.R. *see* Stoiljkovic, V. 116957
Shepherd, R.R., Qu, J., Wu, T.Y. Process-induced residual stresses in a glob top encapsulated silicon chip 112970
Shepherd, S. *see* Wyatt-Millington, W. 77013
Shepherd, S.J., Noras, J.M. A very fast hardware replacement for the DES 86056
Shepherd, W. *see* Watthanasarn, Z.C. 81542
Shepherd-Themistocleous, C.H. *see* Di Ciaccio, L. 100820
Sheppard, A.P. *see* Buryak, A.V. 76135
Sheppard, C.J.R., Gan, D.S., Fatemi, H. Near field of a weakly guiding step-index singlemode fibre 75429
Sheppard, J. *see* Baier, M. 80984
Sheppard, J. *see* Fieguth, T. 100708
Sheppard, J. *see* Raubenheimer, T. 89588
Sheppard, J.W., Simpson, W.R. Improving the accuracy of diagnostics provided by fault dictionaries 104425
Sheppard, N.F., Jr., Mears, D.J., Guiseppi-Elie, A. Model of an immobilized enzyme conductimetric urea biosensor 110237
Sheppard, R. *see* Whitham, K. 89719
Sheppard, R.J. *see* Hughes, S.W. 90469
Sheppard, S.T. *see* Wang, Y. 74325
Shepstone, B.J. *see* Highnam, R.P. 80323
Shepstone, N.M., Harley, R.G., Jennings, G., Rodgerson, J. An investigation into the feasibility of using neural networks to control turbogenerators 102628
Sher, A. *see* Ariel, V. 110369
Sher, A. *see* Raizman, A. 74176
Sherali, H.D., Brown, E.L. A quadratic partial assignment and packing model and algorithm for the airline gate assignment problem 92526
Sherali, H.D., Gyunghyun Choi Recovery of primal solutions when using subgradient optimization methods to solve Lagrangian duals of linear programs 113187
Sherali, H.D., Krishnamurthy, R.S., Al-Khayyal, F.A. Enhanced intersection cutting-plane approach for linear complementarity problems 82486
Sherali, H.D., Pendyala, C.M., Rappaport, T.S. Optimal location of transmitters for micro-cellular radio communication system design 68082
Sherali, H.D., Youngho Lee Tighter representations for set partitioning problems 72531
Sheranko, R.G. Power uprate testing at PP&L's Susquehanna units 81278
Sherard, J.S. *see* Endo, T.R. 70400
Sherbakov, A.S., Andreeva, E.I., Tarasov, I.S., Koroleva, Yu.V. Propagation of a train of picosecond solitons in a supermode fiber 95678
Sherbakov, I.A. *see* Apollonov, V.V. 107405
Sherban, D.A. *see* Gagara, L.S. 84044
Sherbatko, I.V., Suchoiwanow, I.A. Decreasing of microwave subcarrier transmission losses in fiber-optic links with two-electrode laser 99486
Sherebrin, M.H. *see* Medynsky, A.O. 70080
Sheregii, E. *see* Gorbach, T.Ya. 92773
Shereshevskii, I.A. *see* Malykin, G.B. 64650
Sheridan, D. *see* Casady, J.B. 62787
Sheridan, D. *see* Casady, J.B. 105715
Sheridan, J. *see* Lin, J.-C. 119945
Sheridan, J.A. *see* Ackerman, D.A. 96360
Sheridan, J.T. Comment on "Nonlinear analysis for reflection holograms" (Optics Comm. 107 (1994) 471) 96767
Sheridan, T.B., Ottensmeyer, M., Suyeong Kim Human-computer cooperation and intervention in telesurgery 80423
Sheridan-Eng, J. *see* Ackerman, D.A. 68907
Sherif, R. *see* Economikos, L. 73899
Sheriff, R.E., Hu, Y.F. Satellite network trials under the European Union's ACTS programme 119116
Sheriff, R.E. *see* Giancristofaro, D. 88183
Sheriff, R.E. *see* Hu, Y.F. 119110
Sheriff, R.E. *see* Zhang, L.S. 119106
Sherkat, N. *see* Shih, C.-H.V. 67341
Sherlekar, D.D. *see* Sayah, J.Y. 113638
Sherlekar, S.D. *see* Mehendale, M. 93603
Sherlekar, S.D. *see* Parekhji, R.A. 83093
Sherlock, G. *see* Rogers, D.C. 78692
Sherman, C.J. *see* Grimes, G.J. 116290
Sherman, E. *see* Lackner, A.M. 106878
Sherman, J., Hodgkins, D., Lara, P., Schneider, J.D., Stevens, R., Jr. Lifetime test on a high-performance DC microwave proton source 90071
Sherman, J. *see* Spence, D. 69693
Sherman, J. *see* Von Stein, O. 83378
Sherman, J.D. *see* Bolme, G.O. 89706
Sherman, J.M., Neudeck, G.W., Denton, J.P., Bashir, R., Fultz, W.W. Elimination of the sidewall defects in selective epitaxial growth (SEG) of silicon for a dielectric isolation technology 63412
Sherman, J.R. *see* Abernathy, P.C. 109739
Sherman, L. Regulated energy [voltage regulators] 91710
Sherman, P., White, L., Spanjaard, J., Bitmead, R. Asymptotic statistics of AR spectral estimators for processes containing mixed spectrum 117476
Sherman, P.J., Dudley, R., Suarez, M. The stochastic structure of downstream pressure from an axial compressor. II. An investigation of blade-to-blade variability 117399
Sherman, P.J. *see* Lyon, D.E. 108316
Sherman, P.J. *see* VanZante, D. 121441
Sherman, R. *see* Schwart, J. 112983
Sherman, V. *see* Vendik, I. 106733
Sherniakov, Yu.M. *see* Kop'ev, P.S. 107351
Shero, E. *see* Verma, N.K. 94651
Sherratt, R.S. Deterministic IIR video deghoster for all ghost carrier phases 67037
Sherrer, D.W. *see* Arya, V. 79475
Sherrington, D. *see* Mason, I. 95879
Sherrit, S., Wiederick, H.D., Mukherjee, B.K., Jones, D.F. The effects of electrode clamping on poly(vinylidene fluoride-trifluoroethylene) copolymer tiles 106347
Sherry, H. *see* Li Fung Chang 119077
Sherry, H. *see* Noerpel, A.R. 68168
Sherry, H. *see* Noerpel, A.R. 78369
Sherry, J. *see* Lowell, J. 115063
Sherry, W.M., Gaebe, C., Miller, T.J., Schweizer, R.C. High performance optoelectronic packaging for 2.5 and 10 Gb/s laser modules 119228
Shershukov, V.M. *see* Vasil'chenko, V.G. 69798
Sherstinsky, A.S., Picard, R.W. M-lattice: from morphogenesis to image processing 77401
Sherstnev, V. *see* Popov, A. 65184
Sherstnev, V. *see* Popov, A. 65271
Sherstnev, V.A. *see* Belyakov-Bodin, V.I. 79985
Sherstnev, V.A. *see* Belyakov-Bodin, V.I. 120120
Sherstnev, V.V. *see* Danilova, T.N. 96326
Sherstnev, V.V. *see* Danilova, T.N. 116509
Sherstobitov, V.E. *see* Ageichik, A.A. 116761
Sherstobitov, V.E. *see* Bogdanov, M.P. 107621
Sherstobitov, V.E. *see* Dimakov, S.A. 65573
Sherstobitov, V.E. *see* Kuprenyuk, V.I. 116335
Sherwani, N. *see* Mehta, D.P. 93023
Sherwin, M.E. *see* Zolper, J.C. 105549
Sherwin, M.S. *see* Unterrainer, K. 105399
Sherwood, B. *see* Carlsten, B.E. 89710
Sherwood, D.V., Pearcey, J., Thompson, H.M., Sublet, J.C., Taylor, N.P. Maintenance of a commercial fusion power station and its implications for safety 81216
Sherwood, J.N. *see* Kerkoc, P. 65417
Sherwood, J.N. *see* Pan, F. 115987
Sheshin, E. *see* Chubun, N. 74051
Sheshin, E.P. *see* Suvorov, A.L. 74039
Sheshin, E.P. *see* Suvorov, A.L. 104996
Shestak, S.A. *see* Jung-Young Son 96747
Shestakov, A.V. *see* Tong, Y.P. 65132
Shesterkin, A.G. *see* Arinkin, F.M. 111060
Shestopalov, V.P., Shcherbak, V.V. Suppression of mode coupling by multielement diaphragms 85924
Shestopalov, V.P. *see* Derkach, V.M. 65973
Shestopalov, V.P. *see* Derkach, V.N. 66087
Shestopalov, V.P. *see* Kunn, V.G. 116973
Shestopalov, V.P. *see* Kurin, V.G. 107416
Shestopalov, V.P. *see* Kurin, V.G. 114199
Shestopalov, V.P. *see* Vol'vach, A.P. 108038
Shestopalov, Y.V., Lozhechko, V.V. Methods of solution to the problems of direct and inverse scattering by a family of open domains 65948
Sheta, A.F., Coupez, J.P., Tanne, G., Toutain, S., Blot, J.P. Miniature microstrip stepped impedance resonator bandpass filters and diplexers for mobile communications 83320
Sheta, A.F. *see* Diouris, J.F. 68124
Shetkus, A. *see* Galdikas, A. 74546
Shetkus, A. *see* Galdikas, A. 79597
Shetler, A.C. Process definition for rapid architecture development 90905
Shetty, S., Ishii, T.K., Krum, D.P., Hare, J., Mughal, K., Akhtar, M., Jazeyeri, M.R. Microwave applicator design for cardiac tissue ablations 70205
Shetty, V. What price spectrum? 119353
Sheu, B.J. *see* Bang, S.H. 97808
Sheu, B.J. *see* Chang, R.C. 62103
Sheu, B.J. *see* Chen, D.C. 108360
Sheu, B.J. *see* Tsai, R.H. 108285
Sheu, B.J. *see* Wai-Chi Fang 93642
Sheu, B.J. *see* Wu, T.H. 62105
Sheu, D.D. An ultra-reliable board identification system 62456
Sheu, R.J. *see* Lee, J.C. 89847
Sheu, S., Liou, J.J., Huang, C.I., Williamson, D.C. Modeling the post-burn-in abnormal base current in AlGaAs/GaAs heterojunction bipolar transistors 63633
Sheu, S., Liou, J.J., Huang, C.I., Williamson, D.C. Modeling the abnormal base current in post-burn-in AlGaAs/GaAs heterojunction bipolar transistors 94945
Sheu, S., Liou, J.J., Huang, C.I., Williamson, D.C. Abnormal base current in post-burn-in AlGaAs/GaAs heterojunction bipolar transistors 105924
Sheu, T.-J., Chen, K.-Y., Tsai, F.-Y., Chen, Y.-W., Wang, C.-Y., Chien, W.-S., Chuang, H.-J. The CNR degradation by the reflective components in DFB laser based AM video systems 99537
Sheu, T.-L. *see* Li, B. 98783
Sheu Chorng-Jye *see* Chorng-Jye Sheu
Sheu Jang-Ping *see* Jang-Ping Sheu
Sheu Jer-Yang *see* Jer-Yang Sheu
Sheu Jinn-Kong *see* Jinn-Kong Sheu
Sheu Lih-Gen *see* Lih-Gen Sheu
Sheu Meng Lieh *see* Meng Lieh Sheu
Sheu Shiann-Tsong *see* Shiann-Tsong Sheu
Sheumaker, B. *see* Monahan, K. 115079
Sheung, L.M. *see* Poon, J.C.H. 67149
Shevchenko, O.A., Krooshoop, E.J.G., ten Kate, H.H.J., Fedorovsky, M.A. A novel miniature superconducting converter for 1 kA magnets 95538
Shevchenko, S.A., Shalynin, A.I. Electric activity of dislocation networks in Si and Ge 94223
Shevchenko, S.A. *see* Keilin, V.E. 103042
Shevchenko, S.S. *see* Dalakyan, A.T. 116557
Shevchenko, T. *see* Grimalsky, V.V. 83336
Shevchenko, V.G., Apletalin, V.N., Ponomarenko, A.T., Maltsev, V.P., Kazantsev, Y.N. Investigation of tunable structures with liquid dielectrics for the microwave range 104199
Shevchenko, V.G. *see* Ponomarenko, A.T. 104201
Shevchenko, V.V. Diffraction by a small chiral particle 107835
Shevchenko, V.V., Bure, I.G., Rodina, L.S. Active filters in high current AC and DC circuits 91886
Shevchuk, G.J. *see* Anigbo, F.C.J. 99507
Shevchuk, L.M. *see* Lukyanov, A.S. 72168
Shevehenko, V.S. *see* Styrikovich, M.A. 102451
Shevelin, P.Yu. *see* Yolshin, A.N. 112224
Shevel'ko, A.P. Absolute measurements in the VUV spectral range with a luminescent detector 110169
Shevelko, M.M. *see* Peregudov, A.N. 79232
Shevera, V.S. *see* Shuaibov, A.K. 107123
Sheverev, V.A. *see* Kudryavtsev, A.A. 104988
Shevgaonkar, R.K. *see* Agrawal, R.C. 117543
Shevgaonkar, R.K. *see* Survaiya, S.P. 68487
Shevrin, H. *see* Williams, W.J. 77130
Shevtcov, B.M. *see* Gaikovich, K.P. 107892
Shevtsova, S.I. *see* Alyoshin, V.A. 106314
Shewchuk, J.R. Robust adaptive floating-point geometric predicates 92637
Shewring, I.W. *see* Wahab, M.A. 83160
Shey-Shi Lu, Yo-Shen Lin High-linearity high current drivability GaInP/GaAs MISFET using GaInP airbridge gate structure grown by GSMBE 62257

Shey-Shi Lu *see* Yo-Sheng Lin 106070
Sheybani, E.O., Chiou, Y.L. Analyzing the I-V characteristics of thin gate oxides using multiple regression 63177
Sheynblat, L. *see* Thorsteinsson, S. 68755
Sheynin, S., Lopez, F., Milton, S.V. The APS direct-drive pulsed septum magnets 89801
Shi, A.Y. *see* Liu, J.I. 105688
Shi, B., Wang, Z.C., Yu, J.S. Asymptotic constancy of solutions of linear parabolic Volterra difference equations 113245
Shi, B.E. Spatio-temporal image filtering with cellular neural networks 108609
Shi, C.-J.R. Entity overloading for mixed-signal abstraction in VHDL 113685
Shi, C.-J.R. *see* Coudert, O. 104254
Shi, C.-X. A novel optical frequency filter 75431
Shi, D.N. *see* Chen, M.J. 104205
Shi, D.N. *see* Chen, M.J. 107759
Shi, D.T. *see* Chen, H. 114600
Shi, H. *see* Koksbang, R. 71636
Shi, J., Cao, L.J. Variable structure control for multimachine systems using neural networks 101899
Shi, J., Rounds, S., Noble, T., DeSarno, M., Fink, S., Shaner, D., Stants, H. Minimizing mobile ion damage during the ash process 105647
Shi, J. *see* Cao, L.J. 101774
Shi, J. *see* Tomasi, C. 108684
Shi, J. *see* Zhu, S.P. 81508
Shi, J.I. *see* Zagozdzon-Wosik, W. 114901
Shi, J.M. *see* Grynberg, M. 94363
Shi, K., Jastrzebski, A.K. Improved state-space approach to microwave circuit simulation 73674
Shi, K.L. *see* Wong, Y.K. 102107
Shi, L. *see* Chen Qianwang 61311
Shi, L.P., Pun, E.Y.B., Chung, P.S. Wavelength dispersion of effective refractive indices of Rb:KTiOPO$_4$ optical waveguides 75554
Shi, L.P. *see* Pun, E.Y.B. 106832
Shi, L.P. *see* Zhang, Y.L. 75386
Shi, M. *see* Ruan, S. 89406
Shi, Q., Chang, S.-C., Putty, M.W., Hicks, D.B. Characterization of electroformed nickel microstructures 74913
Shi, Q.-Y. *see* Zhong, S. 97873
Shi, Q.J. *see* Troxell, J.R. 63952
Shi, R.C. *see* Jia, Y.Q. 115553
Shi, R.C. *see* Schablitsky, S.J. 85455
Shi, R.C. *see* Schablitsky, S.J. 107349
Shi, R.F., Yu, Y.Z., Wu, M.H., Zhou, Q.L., Garito, A.F. Third order nonlinear optical properties in conjugated systems beyond linear chains 76226
Shi, R.F. *see* Arayathaitkul, K. 96735
Shi, S., Roenker, K.P., Kumar, T., Cahay, M.M., Stanchina, W.E. Simulation of PNP InAlAs/InGaAs heterojunction bipolar transistors 105892
Shi, S. *see* Lanza, R.C. 80354
Shi, S. *see* Lanza, R.C. 100870
Shi, S.C., Inatani, J. A 330~390 GHz waveguide-to-suspended stripline transition 62211
Shi, S.S. *see* Parikh, P.A. 105944
Shi, T.T. *see* Wang, M.C. 65197
Shi, W.M., Tsang, K.F., Zhang, W.X. The design of W-band V-groove guide Gunn oscillators 114261
Shi, W.M. *see* Tsang, K.F. 97254
Shi, X., Kotuni, W., Kato, A. Ultrasonic motor's operating principles and application prospects 91574
Shi, Y., Denyer, C.W., Lidgey, F.J., Lionheart, W.R.B., McLeod, C.N., Paulson, K.S., Pidcock, M.K. High speed in vivo chest impedance imaging with OXBACT mark III 101358
Shi, Y., Liu, J.L., Wang, F., Lu, Y., Zhang, R., Gu, S.L., Han, P., Hu, L.Q., Zheng, Y.D., Lin, C.Y., Du, D.A. Ultrafine silicon quantum wires fabricated by selective chemical etching and thermal oxidation 83943
Shi, Y. *see* Chen, H. 104012
Shi, Y. *see* Lenihan, T. 114479
Shi, Y. *see* Liu, J.L. 105324
Shi, Y. *see* Nazem, S.M. 108892
Shi, Y. *see* Pan, J.J. 88559
Shi, Y. *see* Yubazaki, N. 106122
Shi, Y.Q. *see* Liu, R.Z. 73889
Shi, Z., Zhang, W., Zheng, G.F., Chin, V.L., Stephens, A., Green, M.A., Bergmann, R. The effects of solvent and dopant impurities on the performance of LPE silicon solar cells 92775
Shi, Z. *see* Majumdar, A. 105830
Shi, Z. *see* Majumdar, A. 110424
Shi, Z. *see* Wenham, S.R. 102999
Shi, Z. *see* Zheng, G.F. 81903
Shi, Z.W., Rajanathan, C.B. A new method to improve the accuracy of Maxwell stress based force calculation in computational electromagnetic fields 65606
Shi, Z.W., Rajanathan, C.B. A method of approach to transient eddy current problems coupled with voltage sources 65704
Shi, Z.W., Rajanathan, C.B. Simulation of a new type of actuator under different forms of excitations 91560
Shi, Z.W., Rajanathan, C.B. Computation of nonlinear transient eddy current electromagnetic fields in devices driven by power electronic circuits 96903
Shi Baixuan *see* Baixuan Shi
Shi Bingxue *see* Bingxue Shi
Shi Bo-Rong *see* Bo-Rong Shi
Shi Borong *see* Wang Zhonglie 114555
Shi Borong *see* Zhuo Zhuang 75518
Shi Caitu *see* Wang Peiwei 120072
Shi Changxian *see* Changxian Shi
Shi Chao-Xiang *see* Chao-Xiang Shi
Shi Chengcai *see* Zhou Shuquan 75556
Shi Chunshan *see* Gao Yong 95974
Shi Chunshan *see* Chunshan Shi
Shi Dongqi *see* Dongqi Shi
Shi Fong *see* Fong Shi
Shi Funan *see* Funan Shi
Shi Fuqiang, Lin Xiaokang, Feng Chongxi Design of the elastic buffer size for SDH equipments 118005
Shi Guirong Analysis of a contingency in North China power network 80947
Shi Guirong Professional training and management of dispatchers in modern large power grid 121044
Shi Guizhen *see* Zhang Ying 107096
Shi Hanmin *see* Hanmin Shi
Shi Hao *see* Hao Shi
Shi Hong *see* Hong Shi
Shi Hongchi *see* Hongchi Shi
Shi Huajun *see* Gu Jiahui 69702
Shi Huajun *see* Guan Anmin 63261
Shi Huang, Morawski, R.Z., Barwicz, A. Static calibration of transducers using Gauss-function-based approximation 69055
Shi Huang, Morawski, R.Z., Barwicz, A. Static calibration based on superposition of splines in one variable 109973
Shi Jian Chen *see* Jian Chen Shi
Shi Jian-Jin *see* Jian-Jin Shi
Shi Jian-Jun *see* Jian-Jun Shi
Shi Jiancheng *see* Jiancheng Shi
Shi Jianxu *see* Jianxu Shi
Shi Jiaoying *see* Han Yan 61702
Shi Jiaoying *see* Zhao Yu 78157
Shi Jiawei, Jin Enshun, Li Hongyan, Ma Jing, Qi Liyun, Gao Dingsan The characteristic junction parameter of a semiconductor laser and its relation with reliability 75968
Shi Jiawei *see* Ma Dongge 64977
Shi Jicong *see* Jicong Shi
Shi Jie *see* Jie Shi
Shi Jin, Min Ji, Cunyan Zhang, Gi Xue A n-polythiophene/poly(vinyl chloride)/p-polythiophene laminate film diode 92966
Shi Jinshan *see* Wang Yutian 79497
Shi Jinshui *see* Xhu Dajun 62541
Shi Jinsui *see* Ding Bainan 76061
Shi Jiqun *see* Jiqun Shi
Shi Jiying, Ni Wenjun, Shen Yuzhen, Xing Qirong, Wang Qingyue A new pre-burning circuit for pulsed xenon lamps 81535
Shi Jiying *see* Jiying Shi
Shi Jun A new method of index allocation for reliability parameters 92342
Shi Jun-Jie *see* Jun-Jie Shi
Shi Junsheng *see* Junsheng Shi
Shi Kuifan Classification of cancer cells with neural networks and combination of neural networks with expert's experience 98142
Shi Leathen *see* Leathen Shi
Shi Lian-Je *see* Lian-Je Shi
Shi Lihua, Zhou Bihua Dynamic compensation of measuring systems by system identification approach 99896
Shi Lim Wei *see* Wei Shi Lim
Shi Ling, Dai Fulong SHG system of argon laser 107532
Shi Lu *see* Lu Shi
Shi Meilin *see* Bi Jun 98491
Shi Meilin *see* Bi Jun 118099
Shi Meilin *see* Wu Shangguang 118628
Shi Meilin *see* Meilin Shi
Shi Meiqi *see* Wang Ziyu 119209
Shi Ming Zhang *see* Xue Mei Li 80183
Shi Nan Wang *see* Noguchi, M. 114734
Shi Qing-Yun *see* Zhong Xiang-Qun 97939
Shi Qingyun *see* Qingyun Shi
Shi Qun *see* Qun Shi
Shi Ronghua A redundant binary algorithm for RSA 117184
Shi Shiwen Analysis of microcomputer based loss-of-field protection for large generators 102619
Shi Shiwen Survey of developments in protection for generator and transformer 111883
Shi Shongjiao *see* Zhao Wenbiao 111826
Shi Shuanghui *see* Gu Jiahui 69702
Shi Su *see* Su Shi
Shi Tielin *see* Yang Shuzi 110020
Shi WanChun *see* WanChun Shi
Shi Weidong, He Feizhou MEVVA ion source and its application 69703
Shi Weihua *see* Weihua Shi
Shi Weiping *see* Weiping Shi
Shi Wen, Hu Zhihong, Cheng Renjie, Huang Xiangfu A new analysis model for resonant switching converter 121661
Shi Wen-Yao *see* Wen-Yao Shi
Shi Wensheng *see* Wensheng Shi
Shi Xiangqing *see* Xiangqing Shi
Shi Xiaofa *see* Xiaofa Shi
Shi Xiuzhen *see* Yang Tianlu 96482
Shi Xue Dou *see* Van Vo, N. 84926
Shi Yan, Deng Xinmin, Guo Yong A digital phase sensitive detection method based on V/F conversion 108239
Shi Yi, Wu Fengmei, Zheng Youdou, Suezawa, M., Imai, M., Sumino, K. Temperature dependent investigation on optically active process of higher-order bands in irradiated silicon 74109
Shi Yi *see* Lei Youxun 118544
Shi Yicai *see* Ren Zhaoxing 64028
Shi Yijin *see* Yang Tianlu 96482
Shi Yimin Studies on the application of GPS technique in main truck highway location 79042
Shi Yin Methods in digital image processing for subsea applications 108732
Shi Yin *see* Tumer, T.O. 80066
Shi Yin *see* Turner, T.O. 101019
Shi Yin *see* Weitang Li 80061
Shi Yin *see* Weitang Li 100828
Shi Ying Guang *see* Ying Guang Shi
Shi Yongduo *see* Wang Qian 111503
Shi Yongquan *see* Zhang Xing 63939
Shi Yu *see* Yu Shi
Shi Yuan *see* Yuan Shi
Shi Yuheng *see* Xu Zhengshan 121046
Shi Yunhua, Sheng Shimin, Liu Yue, Ji Lijiu Implementation of a 6.5 MHz 34-B NCO [numerically controlled oscillator] 82996
Shi Yuxiang *see* Zhao Jinrong 81639
Shi Zhaojun, Lin Xiaocun, Liu Dongping Administrative system for the disposal and settings of protective relaying in power system 121223
Shi Zhen-Liang *see* Zhen-Liang Shi
Shi Zhu-Pei *see* Zhu-Pei Shi
Shi Zhuoer, Jiao Licheng, Bao Zheng Regularized spline networks 86165
Shi-Cai Qin, Mu-Zhon Shao, Xiang-Luan Jia The linearization of MOS source-coupled pair 84603
Shi-Chang Zhang, Thumm, M. Kinetic description of the influence of electron-beam misalignment on the performance of a coaxial-cavity gyrotron 83761
Shi-De Cheng, Zheng-Min Sun Amorphous high twisted nematic liquid crystal displays devices 89341
Shi-Dong Liang, Chen, C.Y., Jiang, S.C., Lin, D.L. Size effect on exciton-phonon scattering in quantum wires 83948
Shi-Jinn Horng *see* Shung-Shing Lee 98323
Shi-Jinn Horng *see* Tzong-Wann Kao 97934
Shi-Jinn Horng *see* Yu-Hua Lee 77290
Shi-Jinn Horng *see* Yu-Hua Lee 77458
Shi-Jinn Horng *see* Yuung-Jih Chen 97925
Shi-Li Zhang *see* Hatzikonstantinidou, S. 94567
Shi-Lin Chen, Fu-Chien Kao, Tsung-Ming Lee Specification of minimum short circuit capacity for three-phase unbalance evaluation of high-speed railway power system 81962
Shi-Lin Chen *see* Chen Shi-Lin
Shi-Ming Lin *see* Jin-Lin Hu 97016
Shi-Ming Zhou, Liang-Yao Chen, Wei-Ming Zheng, Wei-Rong Zhu, Yu Wang, Ya-Dong Wang, Yu-Xiang Zheng, Qing-Yuan Jin, You-Hua Qian Oscillations of interlayer coupling and magneto-optics in sputtered Co-Al/Cu multilayers 84811
Shi-Qing Wang, Schlueter, J. Film property comparison of Ti/TiN deposited by collimated and uncollimated physical vapor deposition techniques 82742
Shi-Qing Wang, Schlueter, J., Gondran, C., Boden, T. Step coverage comparison of Ti/TiN deposited by collimated and uncollimated physical vapor deposition techniques 84218
Shi-qing Yang *see* Yang Shi-qing
Shi-Sheng Lee, Lih-Yuan Lin, Wu, M.C. Realization of FDDI optical bypass switches using surface micromachining technology 78870
Shi-Shu *see* Xieping-Gao 72601
Shi-Wei Lee *see* Cheng-Shong Wu 118012
Shi-Wei Lee *see* Tain-Lieng Kao 118512
Shi-Woo Rhee *see* Dong-Hwan Kim 113420
Shi-Woo Rhee *see* Young-Bae Park 95241
Shi-Xin Cheng *see* Guo-Qiang Xue 118955
Shi-Yi Shen *see* Fang-Wei Fu 66222
Shi-Yi Shen *see* Fang-Wei Fu 66345
Shi-Yong Liu *see* Liu Shi-Yong
Shi-Yow Lin, Hong-Chi Chang, Lung-Wei Lin, Pao-Yao Huang Measurement of dynamic/advancing/receding contact angle by video-enhanced sessile drop tensiometry 100333
Shi-Yu Huang, Kuang-Chien Chen, Kwang-Ting Cheng Error correction based on verification techniques 83071
Shi-Yu Huang, Kuang-Chien Chen, Kwang-Ting Cheng, Tien-Chien Lee Compact vector generation for accurate power simulation 82849
Shi-Yu Huang, Kwang-Ting Cheng, Kuang-Chien Chen On verifying the correctness of retimed circuits 93302
Shian, J. *see* Krishnan, S. 105673
Shian-Jeng Tzeng *see* Wu, J.-L.C. 87489
Shiang-Tang Huang, Tai-Ming Parng, Juyo-Min Shyu A polynomial-time heuristic approach to solving the false path problem 61550
Shiann-Jang Wang, Chiou-Shann Fuch Adaptive dominant point detection via the rated composite vectors 98149
Shiann-Jeng Yu, Ju-Hong Lee The statistical performance of eigenspace-based adaptive array beamformers 66664
Shiann-Jeng Yu, Ju-Hong Lee Adaptive array beamforming for cyclostationary signals 86168

Shiann-Jeng Yu, Ju-Hong Lee Adaptive array beamforming based on an efficient technique 97674
Shiann-Tsong Sheu *see* Nen-Fu Huang 68467
Shiao-Jiuan Huang *see* Ja-Ling Wu 108475
Shiao-Min Tseng *see* Ssu-Pin Ma 64720
Shiao-Min Tseng *see* Yu-Feng Tai 64888
Shiao-Shien Chen, Kuo, J.B. Deep submicrometer double-gate fully-depleted SOI PMOS devices: a concise short-channel effect threshold voltage model using a quasi-2D approach 105948
Shiau, G.-J. *see* Forrest, S.R. 64850
Shiau, J. *see* Ma, D.X. 114917
Shiau, Y. *see* Ling, Z.-M. 60571
Shiau Shih-Hu *see* Shih-Hu Shiau
Shiau Yuo-Hsien *see* Yuo-Hsien Shiau
Shiba, F. *see* Nakanishi, Y. 104031
Shiba, K. *see* Jun Xu 92839
Shiba, T., Kondo, M., Uchino, T., Murakoshi, H., Tamaki, Y. Effect of rapid epitaxy in in situ phosphorus-doped polysilicon emitter on current-gain of bipolar transistors 94910
Shiba, T., Tamaki, Y., Onai, T., Kiyota, Y., Kure, T., Nakamura, T. A very small bipolar transistor technology with sidewall polycide base electrode for ECL-CMOS LSIs 106244
Shiba, T., Uchino, T., Ohnishi, K., Tamaki, Y. In situ phosphorus-doped polysilicon emitter technology for very high-speed, small emitter bipolar transistors 63638
Shiba, T., Yuhara, A., Moteki, M., Ota, Y., Oda, K., Tsubouchi, K. Low loss SAW matched filters with low sidelobe sequences for spread spectrum communications 109329
Shiba, T., Yuhara, A., Moteki, M., Ota, Y., Tamizu, K., Okajima, D., Oda, K., Tsubouchi, K. Low insertion loss surface acoustic wave matched filter with low sidelobe sequence and its application for spread spectrum communication 84740
Shiba, T. *see* Kondo, M. 63628
Shiba, T. *see* Kondo, M. 74702
Shiba, T. *see* Takemi, M. 103842
Shibagaki, N. *see* Hikata, M. 109381
Shibagaki, N. *see* Hikita, M. 76669
Shibahara, H. *see* Suzuki, T. 89293
Shibahara, K. *see* Goto, H. 72864
Shibai Tong *see* Tong Shibai
Shibaike, N. *see* Kiriyama, T. 74882
Shibaike, N. *see* Moore, D.F. 74918
Shibamoto, S. *see* Takahashi, Y. 73898
Shibamoto, T. *see* Shibazaki, T. 116991
Shibano, S. *see* Ikuta, Y. 72313
Shibano, T. *see* Horikawa, T. 113935
Shibano, T. *see* Horikawa, T. 115444
Shibano, T. *see* Nishioka, Y. 73337
Shibanov, V.S. *see* Makhrovskiy, O.V. 119483
Shibanuma, K. *see* Oka, K. 102400
Shibao, K. *see* Enokizono, M. 93009
Shibao, K. *see* Hosono, K. 62101
Shibao, S. *see* Miyashita, M. 78702
Shibasaki, I. *see* Kuze, N. 114756
Shibata, B. *see* Takeda, K. 103514
Shibata, F. *see* Abe, M. 81965
Shibata, H., Fukushima, K. Analysis by the thermodynamic formalism for an experiment with an electronic circuit 73076
Shibata, H., Ito, M., Asakursa, M., Watanabe, K. A digital hygrometer using a polyimide film relative humidity sensor 69089
Shibata, H. *see* Asai, K. 94334
Shibata, H. *see* Hayashi, M. 109882
Shibata, H. *see* Kobayashi, N. 104028
Shibata, H. *see* Kozawa, T. 89681
Shibata, H. *see* Matsumoto, T. 100210
Shibata, H. *see* Tajima, M. 110292
Shibata, H. *see* Wadayama, T. 105739
Shibata, H. *see* Yamada, A. 64914
Shibata, I., Nishide, T., Hasegawa, T. Physical properties and chemical states of rf sputter deposited SiWO$_x$ films 104092
Shibata, K., Taniguchi, K., Kawahara, T., Saito, Y., Nomura, A. Imaging of underground objects using a CW radar 119295
Shibata, K., Yugami, N., Nishida, Y., Miyazaki, T. Control of plasma parameters in sheet-shaped electron cyclotron resonance heating plasma supplemented with radio frequency discharge 62542
Shibata, K. *see* Asai, M. 79148
Shibata, K. *see* Kobayashi, Y. 84732
Shibata, K. *see* Suzuki, Y. 118826
Shibata, K. *see* Takemi, M. 103842
Shibata, K. *see* Yoshinaga, H. 83446
Shibata, K. *see* Yoshinaga, H. 84465
Shibata, M. *see* Fukushima, T. 118660
Shibata, M. *see* Ichikawa, S. 90112
Shibata, M. *see* Kometani, Y. 116140
Shibata, M. *see* Yeun-Bae Kim 109851
Shibata, N. Fast ROM macrocells for ASICs 104559
Shibata, N. Current sense amplifiers for low-voltage memories 113956
Shibata, N. Network trend watcher 118324
Shibata, N. *see* Kikushima, K. 68489
Shibata, N. *see* Kikushima, K. 98909
Shibata, N. *see* Suguri, K. 77531
Shibata, N. *see* Yonenaga, K. 68510
Shibata, S., Kimura, M. Degradation of the Ta$_2$N thin film heating resistor used in thermal head 83553
Shibata, S., Kimura, M. Interconnection of solder-plated copper strips to thin-film gold wiring 114471
Shibata, S. *see* Takahashi, S. 89393
Shibata, T., Konda, M., Yamashita, Y., Nakai, T., Ohmi, T. Neuron-MOS-based association hardware for real-time event recognition 62113
Shibata, T., Matsumoto, Y., Kuwahara, T., Inaba, M., Inoue, H. Development and integration of generic components for a teachable vision-based mobile robot 108664
Shibata, T., Nakai, T., Ning Mei Yu, Yamashita, Y., Konda, M., Ohmi, T. Advances in neuron-MOS applications 73611
Shibata, T., Shinohara, S., Ikeda, H., Yoshida, H., Sawaki, T., Sumi, H. Laser speckle velocimeter using self-mixing laser diode 65586
Shibata, T., Shinohara, S., Ikeda, H., Yoshida, H., Sumi, M. Automatic measurement of velocity and length of moving plate using self-mixing laser diode 110377
Shibata, T., Takada, A., Narisawa, H., Fukuyama, M., Soda, Y. Advanced vertical MR head 115715
Shibata, T. *see* Aharoni, H. 114689
Shibata, T. *see* Hongbin Zha 87116
Shibata, T. *see* Ikeda, M. 76318
Shibata, T. *see* Ishii, S. 120756
Shibata, T. *see* Masuda, T. 89630
Shibata, T. *see* Nakada, A. 94626
Shibata, Y., Hashimoto, K., Watanabe, M. QoS functions for distributed multimedia network 98884
Shibata, Y., Oku, S., Kondo, Y., Tamamura, T., Naganuma, M. Semiconductor monolithic wavelength selective router using a grating switch integrated with a directional coupler 78887
Shibata, Y., Tsuchida, N., Imai, K. Induction motor with free rotating magnets in the rotor 91522
Shibata, Y. *see* Kaya, K. 72837
Shibata, Y. *see* Oku, S. 63315
Shibata, Y. *see* Tsutaya, T. 62169
Shibata, Y. *see* Yoshimoto, N. 99460
Shibatani, S. *see* Shirota, H. 104526
Shibataoi, T. *see* Nakanishi, H. 110295
Shibauchi, T., Katase, N., Tamegai, T., Uchinokura, K. Temperature dependence of anisotropic penetration depth in under- and overdoped Bi$_2$Sr$_2$CaCu$_2$O$_{8+y}$ 106658
Shibayama, H. *see* Muto, K. 108302
Shibayama, J. *see* Yamauchi, J. 106835
Shibayama, J. *see* Yamauchi, J. 116976
Shibayama, K. *see* Hanawa, S. 95571
Shibazaki, T., Kinoshita, T., Shibamoto, T. Numerical analysis of capacitive discontinuities of finite thickness in rectangular waveguides using the modified residue-calculus method 116991
Shibib, M.A. Experimental investigation of high voltage and high current gain of a lateral bipolar transistor based on a lateral DMOS structure 105907
Shibin Gao *see* Gao Shibin
Shibin Jiang, Myers, J.D., Rhonehouse, D.L., Myers, M.J., Hamlin, S.J., Lucas, J. Simultaneous dual and multiple wavelength operation and laser performance of 1.3 μm transition in various Nd^{3+} doped glasses 96196
Shibkov, A., Abatchev, M.K., Kang, H.K., Lee, M.Y. Numerical simulation of local charging during plasma etching of a dielectric material 63308
Shibukawa, A. *see* Tate, A. 82760
Shibukawa, S. *see* Kobayashi, T. 102725
Shibusawa, M. *see* Kakkad, R. 105984
Shibuta, N. *see* Fujikami, J. 91187
Shibuta, N. *see* Ishii, H. 84860
Shibuta, N. *see* Kasuu, O. 84869
Shibutani, K., Hase, T., Hayashi, S., Shimada, M., Ogawa, R. Fabrication of Bi-2212-Ag composite solenoid type superconducting magnet 84921
Shibutani, K. *see* Fukumoto, Y. 84879
Shibutani, K. *see* Hase, T. 84924
Shibutani, T., Sambridge, M., Kennett, B. Genetic algorithm inversion for receiver functions with application to crust and uppermost mantle structure beneath eastern Australia 111076
Shibuya, A. *see* Kuwabara, T. 81355
Shibuya, J. *see* Hanawa, S. 95571
Shibuya, S. *see* Haseyama, S. 85903
Shibuya, T., Jinushi, H., Miura, S., Sakaniwa, K. On the performance of algebraic geometric codes 86054
Shibuya, T. *see* Nozawa, Y. 88014
Shibuya, Y. *see* Wu, J. 66562
Shichang Zhang *see* Zhang Shichang
Shichang Zou *see* Chenglu Lin 84022
Shichang Zou *see* Lianwei Wang 82667
Shichang Zou *see* Zhiping He 114866
Shicheng Jiang, Gluckstern, R.L., Okamoto, H. Impedance of periodic irises in a beam pipe 90023
Shichijo, H. *see* Aton, T.J. 95123
Shick, R. *see* Allen, R.D. 105786
Shick, R.A., Goodall, B.L., McIntosh, L.H., Jayaraman, S., Kohl, P.A., Bidstrup-Allen, S.A., Grove, N.R. New olefinic interlevel dielectric materials for multi-chip modules 62536
Shick Koh Sung *see* Sung Shick Koh
Shick Min Hong *see* Hong Shick Min
Shida, K., Desheng Li A mono-structural thin plate touch sensor with three sensing functions for discrimination of material properties 99915
Shida, K. *see* Chin-Chih Hsu 104455
Shida, K. *see* Kimoto, A. 69429
Shida, K. *see* Kimoto, A. 93971
Shida, M. *see* Kojima, M. 92539
Shida, T. *see* Ito, R. 108132
Shida, T. *see* Momose, T. 96701
Shidama, Y. *see* Kawahara, K. 86983
Shidara, K. *see* Kubota, M. 109902
Shidara, T. *see* Koide, T. 75177
Shide Cheng, Zhengmin Sun Experimental research on amorphous twisted nematic liquid crystal displays 95846
Shide Cheng, Zhengmin Sun Amorphous highly twisted nematic liquid crystal displays with wide and uniform viewing angle characteristics 116134
Shidei, T. *see* Odagiri, H. 104560
Shido, S. *see* Yano, K. 62656
Shiduan Cheng *see* Shanzhi Chen 118271
Shiduan Cheng *see* Cheng Shiduan
Shie Ching-Shing *see* Ching-Shing Shie
Shie Jin-Shown *see* Jin-Shown Shie
Shie Qian *see* Mingui Sun 110835
Shieh, B.P. *see* En, W.G. 105560
Shieh, D. *see* Jinn-Chou Yoo 89323
Shieh, D. *see* Kun-Wei Lin 89337
Shieh, H.-P.D. *see* Chen, S.F. 100200
Shieh, H.-P.D. *see* Jinn-Chou Yoo 116133
Shieh, H.J. *see* Lin, C.S. 85737
Shieh, H.M. *see* Kao, M.J. 62850
Shieh, H.P.D. *see* Liu, P.Y. 106615
Shieh, J.-L. *see* Yuang, R.-H. 89085
Shieh, J.H. *see* Meen, T.H. 75314
Shieh, J.S., Zhengqi Lu Recognition of objects based on structures 86799
Shieh, W., Huang, S.H., Willner, A.E. Polarization-independent and contrast-ratio-enhancing module for all-optical wavelength shifting using SOAs 78780
Shieh, W., Park, E., Willner, A.E. All-optical wavelength shifting of microwave subcarriers by using four-wave mixing in a semiconductor optical amplifier 78785
Shieh, W., Willner, A.E. Demonstration of output-port contention resolution in a 2×2 WDM switching node based on all-optical wavelength shifting and subcarrier-multiplexed routing-control headers 88658
Shieh Chan Long *see* Chan Long Shieh
Shieh Hir-Ming *see* Hir-Ming Shieh
Shieh Hsin-Jang *see* Hsin-Jang Shieh
Shieh Jia-Lin *see* Jia-Lin Shieh
Shieh Jia-Min *see* Jia-Min Shieh
Shieh Ming-Huei *see* Ming-Huei Shieh
Shieh Ming-Jium *see* Ming-Jium Shieh
Shieh Shinn-Shyue *see* Shinn-Shyue Shieh
Shieh Shiuh-Pyng *see* Shiuh-Pyng Shieh
Shieh Wei-Jing *see* Wei-Jing Shieh
Shieh Yeong-Ruey *see* Yeong-Ruey Shieh
Shieh-Chung Wei *see* Wen-Rong Wu 108703
Shield, J.E. *see* Guruswamy, S. 64474
Shield, J.E. *see* Sadwick, L.P. 103930
Shields, A.J., Osborne, J.L., Simmons, M.Y., Ritchie, D.A., Pepper, M. Comparison of optical and transport measurements of electron densities in GaAs/Al$_x$Ga$_{1-x}$As quantum wells 74414
Shields, A.J., Pepper, M., Simmons, M.Y., Ritchie, D.A. Evolution of GaAs quantum well excitons with excess electron density and magnetic field 62984
Shields, D.N. The problem of robustness in fault detection 103492
Shields, D.N., Dingli Yu, Daley, S. A neural network method for fault detection of nonlinear systems 103491
Shields, D.N. *see* Dingli Yu 92332
Shields, D.N. *see* Preston, G.J. 99834
Shields, K. *see* Eakins, J.P. 66920
Shields, V.B., Ryan, M.A., Williams, R.M., Spencer, M.G., Collins, D.M., Zhang, D. A variable potential porous silicon carbide hydrocarbon gas sensor 119777
Shien-Kuei Liaw, Yung-Kuang Chen Passive gain-equalized wide-band erbium-doped fiber amplifier using samarium-doped fiber 75866
Shien-Kuei Liaw *see* Yung-Kuang Chen 68490
Shier, W. *see* Klefborn, S. 81265
Shifa Ding *see* Ding Shifa
Shifan Wang *see* Wang Shifan
Shifang Chen *see* Chen Shifang
Shifrin, M. *see* Lyons, C. 117105
Shifrin, M. *see* Titus, W. 83432
Shifrin, V.Ya. *see* Po-Gyu Park 85811
Shifrin, Y.S., Luchaninov, A.I., Posochov, A.S. Nonlinear effects in antennas 65983
Shifrin, Y.S., Luchaninov, A.I., Shokalo, V.M., Shcherbina, A.A. Rectennas 61625
Shifu Yuan, Minxian Wu, Yingbai Yan, Guofan Jin, Jingwen Zhang Implementation of real-time holographic associative memory using spatial-encoding 106762
Shifu Yuan, Yingbai Yan, Guofan Jin, Minxian Wu Complementary-encoding photorefractive optical processor for truth-table lookup 116151
Shifu Zhu *see* Weitang Li 80061
Shifu Zhu *see* Weitang Li 100828
Shiga, N. *see* Matsui, K. 102175
Shiga, N. *see* Murase, S. 95431
Shiga, T., Shirato, H., Kikuchi, Y., Nishiyama, N., Nishioka, K., Kitahara, T., Terae, S., Miyasaka, K. Application of computer picture archiving and

communicating system (PACS) to stereotactic radiosurgery (SRS) 110816
Shigaki, I., Narazaki, H. A machine learning approach for a manufacturing database of Nb-Ti superconducting wire 111640
Shigeasawa, H. *see* Tsuji, M. 116963
Shigehara, K. *see* Fujita, S. 85049
Shigehara, M., Satoh, T., Inoue, A., Hattori, Y. Optical fiber identification system using fiber Bragg gratings 78798
Shigehara, M. *see* Kakui, M. 78772
Shigehara, M. *see* Koizumi, H. 71197
Shigehiro, T. *see* Nakamura, M. 93041
Shigehiro, Y., Nagata, T., Shirakawa, I., Arungsrisangchai, I., Takahashi, H. Automatic layout recycling based on layout description and linear programming 95100
Shigehisa, T. *see* Zaitsu, T. 61607
Shigekawa, N., Enoki, T., Furuta, T., Ito, H. Electroluminescence measurement of InAlAs/InGaAs HEMTs lattice-matched to InP substrates 106076
Shigekawa, N. *see* Ito, H. 84352
Shigekawa, N. *see* Ito, H. 84353
Shigeki, T., Guoqiang, Z., Osamu, M. Development of new generation spherical ultrasonic motor 91571
Shigemasa, R. *see* Kimura, T. 95042
Shigemasa, R. *see* Shikata, M. 68495
Shigematsu, H. *see* Iwai, T. 63614
Shigematsu, M., Onishi, M., Kashiwada, T., Hisao Go, Kakui, M., Nishimura, M. Low-distortion and high-output optical power amplifier for analog transmission employing hybrid erbium-doped fiber configuration 88499
Shigematsu, M. *see* Koyano, Y. 65067
Shigematsu, S., Mutoh, S., Matsuya, Y. Power management technique for 1-V LSIs using embedded processor 104611
Shigematsu, S. *see* Douseki, T. 73248
Shigematsu, S. *see* Mutoh, S. 73426
Shigematsu, T. *see* Iyama, Y. 73793
Shigematsu, Y. *see* Kotsuka, Y. 120496
Shigenaka, A. *see* Koizumi, N. 95512
Shigeno, Y. *see* Kamozaki, K. 67977
Shigesada, Y. *see* Yoshioka, Y. 113311
Shigesato, Y. *see* Taga, N. 94374
Shigesawa, H. *see* Katsura, T. 90848
Shigesawa, H. *see* Mizuno, T. 114190
Shigesawa, H. *see* Tsuji, M. 85908
Shigesawa, H. *see* Tsuji, M. 93742
Shigesawa, H. *see* Tsuji, M. 116986
Shigeta, B. *see* Koh, M. 74721
Shigeta, B. *see* Tanii, T. 73372
Shigeta, K. *see* Purnomo, M.H. 121257
Shigeta, Y. *see* Sano, Y. 69282
Shigeta, Y. *see* Tsukamoto, A. 110214
Shigetani, M. *see* Higa, C. 88443
Shigetomi, S., Ikari, T., Nakashima, H. Electrical properties of layer semiconductor *p*-GaSe doped with Cu 114673
Shigetoshi, I. *see* Fujimori, A. 121098
Shigorin, V.D. *see* Belovolova, I.V. 85578
Shigyo, N. *see* Enda, T. 84438
Shih, A.H., Demos, A., Beer, R.D. Transformer coupled plasma etching for FPD manufacturing 79620
Shih, A.H., Graves, L.W. FPD manufacturing cost of ownership modeling 89439
Shih, C.-F., Yeh, S.-N. Rule-based approach to load transfer to alternate supplies based on the phase of the residual voltage on the disconnected busbar 121036
Shih, C.-H.V., Sherkat, N., Thomas, P. Close coupling of pre- and post-processing vision stations using inexact algorithms 67341
Shih, C.F. *see* Dawei Zhang 62205
Shih, C.F. *see* Hampel, G. 83343
Shih, C.K. *see* Samara, D. 61425
Shih, F.Y., Pu, C.C. Reply to "Comments on 'Analysis of the properties of soft morphological filtering using threshold decomposition' " 108323
Shih, F.Y., Shy-Shyan Chen Adaptive document block segmentation and classification 117541
Shih, F.Y. *see* Shy-Shyan Chen 108708
Shih, H.C. *see* Hsieh, H.F. 94765
Shih, I. *see* Ngo Phong, L. 100040
Shih, I. *see* Qiu, S.N. 62775
Shih, M. *see* Leith, E. 70009
Shih, M.C. *see* Freiler, M.B. 105691
Shih, M.C. *see* Gomez, R.D. 84794
Shih, R. *see* Karunasiri, G. 69146
Shih, S., Keir, P.D., Hitt, J., Wager, J.F. Offset of the electrical characteristics of alternating-current thin-film electroluminescent devices 106989
Shih, S.E., Ding, K.H., Nghiem, S.V., Hsu, C.C., Kong, J.A., Jordan, A.K. Thickness retrieval using time series electromagnetic measurements of laboratory grown saline ice 120863
Shih, S.E. *see* Ding, K.H. 111265
Shih, T.I.-P. *see* Peck, P.R. 75243
Shih, W., Bentsen, L., DeVincent, S. Metal impregnated carbon composites for thermal management applications 82221
Shih, W., Huang, Y.-W., Srihari, K., Westby, G.R. Yield estimation through component placement accuracy evaluation in surface mount PWB assembly 62480
Shih, W., Srihari, K., Adriance, J. Expert system based placement sequence identification for surface mount PCB assembly 83592
Shih, W.-K. *see* Hasnat, K. 94956
Shih, W.-S.V., Lin, W.-C., Chen, C.-T. Contour model guided image warping for medical image interpolation 110758
Shih, Y.H. *see* Migdall, A.L. 89528
Shih, Y.H. *see* Zhang, H.Y. 116707
Shih Chang Chi *see* Chi Shih Chang
Shih Chian-Gauh *see* Chian-Gauh Shih
Shih Chiao-Chuan *see* Chiao-Chuan Shih
Shih Chien-Fu *see* Chien-Fu Shih
Shih Chin-Fu *see* Chin-Fu Shih
Shih Ching-Cheng *see* Ching-Cheng Shih
Shih Ching-Hsiang *see* Ching-Hsiang Shih
Shih Chun-Ching *see* Chun-Ching Shih
Shih Da-Yuan *see* Da-Yuan Shih
Shih Jau-Der *see* Jau-Der Shih
Shih Ko-Ming *see* Ko-Ming Shih
Shih Kuang-Rong *see* Kuang-Rong Shih
Shih Ming-Feng *see* Ming-Feng Shih
Shih Mu-Piao *see* Mu-Piao Shih
Shih Wei Wang *see* Kow Ming Chang 92910
Shih Yi-Chi *see* Yi-Chi Shih
Shih-Chan Ting *see* Gwo-Hshiung Tzeng 70687
Shih-Cheng Wang, Ingram, M.A. A novel Fourier technique for calculating fiber-to-LED coupling efficiency with lateral and longitudinal misalignments 116038
Shih-Cheng Wang *see* Cross, J. 109659
Shih-Chieh Chang, Marek-Sadowska, M. Perturb and simplify: optimizing circuits with external don't cares 73235
Shih-Chieh Chang, Marek-Sadowdka, M., TingTing Hwang Technology mapping for TLU FPGAs based on decomposition of binary decision diagrams 113911
Shih-Chieh Chien *see* Ching-Tang Hsieh 76882
Shih-Chou Juan *see* Chen-Yi Lee 77109
Shih-Chu Huang, Wuu-Wen Lin, Mao-Hsiung Chen Phase sensitivity normalization in time-division multiplexing of polarization-insensitive interferometric sensors using phase-generated carrier demodulation 119708
Shih-Chu Huang, Wuu-Wen Lin, Mao-Hsiung Chen, Shoren-Chien Hung, Hung-Lung Chao Crosstalk analysis and system design of time-division multiplexing of polarization-insensitive fiber optic Michelson interferometric sensors 79512
Shih-Chuan Cheng, Mordeson, J.N. Applications of fuzzy algebra in automata theory and coding theory 113146
Shih-Chung B. Lo *see* Heang-Ping Chan 110727
Shih-Dean Kao, Yi-Ping Cheng, Yu-Yuan Tai, Gwo-Jen Jan Development and implementation of a simple digitizer for morphometry 99850
Shih-Fu Chang *see* Chung-Tao Chu 86749
Shih-Fu Chang *see* Di Zhong 68849
Shih-Fu Chang *see* Jianhao Meng 66924
Shih-Fu Chang *see* Seungyup Paek 98848
Shih-H Chen *see* Chen Shih-H
Shih-Hsien Yeh *see* Jih-Jen Wu 72863
Shih-Hsiung Chan *see* Chien-Jen Wang 72769
Shih-Hsiung Chan *see* Chun-Yi Chai 63113
Shih-Hsu Chang, Fang-Hsuan Cheng, Wen-Hsing Hsu, Guo-Zua Wu Fast affine point matching: a Hough transform inspired method 87103
Shih-Hu Shiau Management system of substation maintenance 81631
Shih-Lang Chang *see* Chi-haur Wu 80493
Shih-Liang Jung, Hsiang-Sung Huang, Ying-Yu Tzou Self-tuning discrete sliding mode control of a closed-loop regulated PWM inverter with optimal sliding surface 121697
Shih-Liang Jung, Ying-Yu Tzou Discrete sliding-mode control of a PWM inverter for sinusoidal output waveform synthesis with optimal sliding curve 81571
Shih-Lin Lu, Ferendeci, A.M. Coupling parameters for a side-coupled ring resonator and a microstrip line 73653
Shih-Min Hsu Reactive power compensator with harmonic blocking feature 70660
Shih-Ping Wang *see* Wei-Jen Lee 81187
Shih-Shong Yen *see* Chi-Jui Wu 122099
Shih-Wei Wang *see* Kow-Ming Chang 72880
Shih-Wei Wang *see* Kow-Ming Chang 104124
Shih-Yang Chiu *see* Jenn-Fang Chen 74331
Shih-Yih Wang, Lih-Hsing Hsu Maximum and minimum matchings for series-parallel networks 73021
Shihab, S., Zhou, L. Simulation of the contamination performance of outdoor high voltage insulators 102217
Shihai Cui *see* Cui Shihai
Shihlin Chang *see* Chang Shihlin
Shiho, M., Watanabe, A., Kawasaki, S., Ishizuka, H., Takayama, K., Kishiro, J., Shindo, T., Fujioka, T. Lightning control system using high power microwave FEL 96551
Shihong Miao *see* Miao Shihong
Shihong Xu *see* Dayan Ban 83910
Shihong Xu *see* Fengyuan Yang 83909
Shihua Wang *see* Fettweis, G. 109283
Shihyu Chou, Min-Chiang Wang Taguchi's method and an empirical procedure for on-line process control 60663
Shii-Tyng Duann *see* Tsern-Huei Lee 117988
Shiiba, K. *see* Matsuoka, S. 100236
Shiiba, Y. *see* Katsuta, G. 102208
Shiigi, H. *see* Ogura, K. 119660
Shiina, T. *see* Nitta, N. 90307
Shijie Cheng *see* Cheng Shijie
Shijie Wang *see* Wang Shijie
Shijun Sun *see* Sun Shijun
Shik, A.Ya. *see* Drozdova, S.V. 92742
Shik Bak Joo *see* Joo Shik Bak
Shik Choe Ok *see* Ok Shik Choe
Shik Kim Myung *see* Myung Shik Kim
Shik Lee Kyung *see* Kyung Shik Lee
Shik Moon Young *see* Young Shik Moon
Shikada, Y. *see* Amada, H. 109191
Shikama, S. *see* Nakanishi, K. 89435
Shikang Li *see* Gautschi, W. 103727
Shikano, K., Yoshizawa, M., Tagawa, N., Moriya, T., Yagi, S. Focusing method in high-impedance material using transmission line coupler: ultrasonic transmission line coupling method 82792
Shikanov, A.S. *see* Fedin, D.A. 100908
Shikata, M., Nishino, A., Shigemasa, R., Kimura, T., Ushikubo, T. A decision circuit with phase detectors for 10-Gb/s optical communication systems 68495
Shikata, S. *see* Nakahata, H. 106448
Shikata, S.-I. *see* Tsuno, T. 113313
Shikata, Y. *see* Suzuki, S. 119035
Shikatani, M., Hamamoto, N., Araki, K. Downlink signal analysis of ETS-VI optical communication 88466
Shikatani, M. *see* Arimoto, Y. 68382
Shikatani, M. *see* Arimoto, Y. 78838
Shikawa, S. *see* Ishitani, H. 110282
Shikhaliev, P.M. A multilayered micro channel-plate gamma detector 69799
Shikhin, A.A. *see* Elliott, S.R. 80104
Shikhin, V.A., Pavluk, G.P. Control of statistical estimates' accuracy under combined measurements 86941
Shikhin, V.A., Pavluk, G.P. Synchronous machines simulation data treatment through the method of mixed statistical estimates 102657
Shikhliarov, K.K., Gavalian, V.G., Aginian, M.A. Detecting part of the transition radiation detector for the GINES installation at UNK 69758
Shikhlyarov, K.K., Gavalyan, V.G. Calibration of float-type flow meters in the gas-supply systems of particle detectors 69816
Shikida, M., Sato, K., Harada, T. Micromachined S-shaped actuator 64021
Shikida, M., Sato, K., Koide, A. An electrostatic valve that works in higher than atmospheric gas pressure 116833
Shikida, M., Sato, K., Takeshita, K., Suzuki, S. Response time measurement of electrostatic S-shaped film actuator related to environmental gas pressure conditions 76355
Shikida, M. *see* Sato, K. 74953
Shikimachi, K. *see* Takeo, M. 103044
Shikimura, A. *see* Yoshimura, N. 64156
Shikoana, V., Darie, S.I. Prevention of voltage instability or collapse by static VAr compensators 101830
Shikov, A. *see* Vorobiova, A. 95427
Shikov, A.K. *see* Kozlenkova, N.I. 95428
Shikov, A.K. *see* Nikulin, A.D. 95410
Shikov, A.K. *see* Pantsyrnyi, V.I. 95565
Shikov, A.K. *see* Pantsyrnyi, V.I. 95566
Shiktorov, P. *see* Gruzhinskis, V. 63552
Shiktorov, P. *see* Starikov, E. 74338
Shiktorov, P. *see* Varani, L. 114606
Shikui Wang *see* Wang Shikui
Shiliang Liu *see* Liu Shiliang
Shiliang Lu *see* Lu Shiliang
Shilie Weng *see* Weng Shilie
Shilimanov, S.N. *see* Shkuratov, S.I. 73956
Shilimanov, S.N. *see* Shkuratov, S.I. 114547
Shilin, S.I. *see* Braslavsky, I.Ya. 71743
Shilin, V.A. CCD simulation system 100090
Shilin, V.A. *see* Kostukov, E.V. 95033
Shilin Ma *see* Ma Shilin
Shilina, N.V. *see* Shishatskaya, L.P. 111193
Shilkina, L.A. *see* Alyoshin, V.A. 106314
Shillue, B. *see* Radford, S.J.E. 99709
Shiloh, J. *see* Arensburg, A. 96443
Shilou Jia *see* Minying Sun 117979
Shilov, K.A. *see* Karpov, O.V. 89208
Shilov, K.A. *see* Karpov, O.V. 109978
Shilov, S.N. *see* Anischenko, N.G. 120106
Shilov, S.N. *see* Bazhanov, N.A. 69699
Shilpakar, L.B., Singh, B. Optimum excitation for three-phase self-excited induction generator feeding single-phase loads 121491
Shilpakar, L.B., Singh, B., Rao, K.S.P. Transient analysis of parallely operated self-excited induction generators 111960
Shiltont, J.M., Macet, D.R., Talyanskii, V.I., Galperin, Yu., Simmons, M.Y., Pepper, M., Ritchie, D.A. On the acoustoelectric current in a one-dimensional channel 74326
Shiltsev, V. Measurements of magnet vibrations at the Advanced Photon Source 89915
Shiltsev, V., Baklakov, B., Lebedev, P., Montag, C., Rossbach, J. Ground motion measurements in HERA 89612
Shiltsev, V.D. Beam-beam kicker for superfast bunch handling 89754
Shim, C.-S. *see* Chun, K.-G. 68513
Shim, H.K. *see* Park, J.Y. 107014
Shim, H.W. *see* Jeong, M.S. 94539
Shim, J.H., Cho, H.S., Kim, S. A new probing system for the in-circuit test of a PCB 72257

Shim, K.-H., Lim, J.-T. Extreme-point robust stability of a class of discrete-time polynomials 82360
Shim, K.-H., Lim, J.-T. Selectively grown ohmic contacts to δ-doped diamond films 83991
Shim, M.S., Lee, K.L., Lim, H.T., Wang, B.H. Applications of evolutionary computations at LG Electronics 103673
Shim, S.Y., Kim, D.H., Lim, H.R., Park, J.H., Kim, C.H., Choi, S.S., Hahn, T.S. Application of kinetic inductance for a YBCO IR bolometer 100033
Shim, T.E. *see* Nam, S.H. 61338
Shim, Y.J. *see* Cho, K.C. 106538
Shim Chang Sup *see* Chang Sup Shim
Shim Cheul *see* Cheul Shim
Shim Hong-Ku *see* Hong-Ku Shim
Shim Ilwun *see* Ilwun Shim
Shim Jae Sul *see* Park Ju Hyun 109391
Shim Jaechan *see* Jaechan Shim
Shim Jaehong *see* Jaehong Shim
Shim Jong-In *see* Jong-In Shim
Shim Sangchul *see* Sangchul Shim
Shim Sugie *see* Sugie Shim
Shim Yoon-Sub *see* Yoon-Sub Shim
Shima, A. *see* Tada, H. 96250
Shima, H. *see* Fujii, T. 92914
Shima, K., Higaki, H., Takizawa, M. Fault-tolerant causal delivery in group communication 87441
Shima, K. *see* Nagata, H. 95269
Shima, K. *see* Nagata, H. 106831
Shima, N., Ohta, K., Kitagawa, T., Hobara, Y., Nagai, Y., Hayakawa, M. Some characteristics of mid-latitude whistler ducts as deduced from direction finding and nose-extension method of whistlers 116893
Shima, N. *see* Kitagawa, T. 65845
Shima, R.M. *see* Boucher, R.H. 79442
Shima, S. *see* Kotera, H. 95339
Shima, S. *see* Kotera, H. 95356
Shima, T. Global optimization by multi-trajectory random search method with territory competition 103704
Shima, T., Okumura, M., Higuchi, T. Liquid-crystal display cell model using piecewise approximations 110286
Shima, T. *see* Iida, T. 114621
Shima, T. *see* Kawahara, A. 69275
Shima, T. *see* Tsukamoto, Y. 80360
Shima, Y. *see* Marukawa, K. 67436
Shimabuku, G.H. *see* Duerinckx, A.J. 111006
Shimabukuro, T. *see* Senjyu, T. 71310
Shimada, A. *see* Hyun-Yong Han 90278
Shimada, A. *see* Nakajima, N. 72111
Shimada, H., Furukawa, T., Ohchi, M. Finite element analysis of voltage sensor in three phase power distribution system 102111
Shimada, H., Kiriishi, H., Tashita, T., Takada, T., Maeno, T. Measurement of two-dimensional electric field distribution in liquid dielectric using Kerr effect 69428
Shimada, H. *see* Ono, K. 63184
Shimada, J. *see* Leung, K. 111315
Shimada, K. *see* Fujita, K. 61295
Shimada, K. *see* Muto, K. 108302
Shimada, K. *see* Watanabae, T. 80864
Shimada, M., Higashisaka, N., Ohta, A., Hosogi, K., Kubo, K., Tanino, N., Takagi, T., Hidani, F., Ishihara, O. GaAs 10 Gb/s 64:1 multiplexer/demultiplexer chip sets 68016
Shimada, M., Masuyama, S. Mathematical morphology which classifies pixels of the given image and filter based on their gray scale values 108437
Shimada, M., Yoshii, T. Improvement of optical probe response to large-amplitude ultrasound 104252
Shimada, M. *see* Fujimori, A. 121098
Shimada, M. *see* Hase, T. 84924
Shimada, M. *see* Kurioka, H. 70856
Shimada, M. *see* Mitchell, N. 95584
Shimada, M. *see* Miyashita, M. 96051
Shimada, M. *see* Ninomiya 64569
Shimada, M. *see* Shibutani, K. 84921
Shimada, M. *see* Yoshida, K. 95513
Shimada, N., Shirai, Y., Kuno, Y. 3-D hand pose estimation from image sequence using probability-based search and matching 97893
Shimada, R. *see* Eguchi, N. 111567
Shimada, R. *see* Kondoh, J. 91769
Shimada, R. *see* Murakami, R. 86051
Shimada, R. *see* Ninomiya 64569
Shimada, R. *see* Yokota, K. 106726
Shimada, S., Matsuda, H., Masaki, A., Okada, S., Nakanishi, H. Syntheses and third-order nonlinear optical properties of the polydiacetylenes with sulfur atoms directly bound to the main chain 76227
Shimada, S. *see* Masaki, A. 76157
Shimada, S. *see* Uchikoshi, J. 79689
Shimada, S.D. *see* Cooper, R.A. 110944
Shimada, T., Kawai, M. Remote alarm system for the aged in bed 90551
Shimada, T., Kurnit, N.A., Sheik-Bahae, M. Measurement of nonlinear index by a relay-imaged top-hat Z-scan technique 110407
Shimada, T., Suzuki, A., Sakurada, T., Koma, A. Epitaxial growth of metal phthalocyanines on hydrogen terminated vicinal surfaces of Si(111) 61161
Shimada, T. *see* Haraguchi, K. 83843
Shimada, T. *see* Makino, K. 101996
Shimada, T. *see* Yamashita, T. 88839
Shimada, Y. *see* Kataoka, Y. 79618
Shimada, Y. *see* Kitakami, O. 75114
Shimada, Y. *see* Matsui, K. 83668
Shimada, Y. *see* Sugawara, E. 64347
Shimada, Y. *see* Takahashi, N. 114478
Shimada, Y. *see* Uchida, S. 81132
Shimada, Y. *see* Yano, K. 62656
Shimada, Y. *see* Yasuda, H. 76313
Shimada, Y. *see* Yukawa, T. 80494
Shimakage, H. *see* Komiyama, B. 69469
Shimakage, H. *see* Yoshida, K. 64530
Shimakage, H. *see* Yoshida, K. 115888
Shimakawa, H. *see* Lauer, H.C. 118397
Shimakawa, K., Kondo, A., Goto, M., Long, A.R. AC loss originating from mesoscopic and macroscopic inhomogeneities in hydrogenated amorphous silicon 94381
Shimakawa, K. *see* Ganjoo, A. 94394
Shimamoto, H. *see* Mitani, K. 68926
Shimamoto, H. *see* Mitani, K. 119442
Shimamoto, M. *see* Hisamatsu, H. 100405
Shimamoto, S., Hamada, K., Kato, T., Nakajima, H., Isono, T., Hiyama, T., Oshikiri, M., Kawano, K., Sugimoto, M., Koizumi, N., Nunoya, K., Seki, S., Hanawa, H., Wakabayashi, H., Nishida, K., Honda, T., Matsui, H., Uno, Y., Takano, K., Ando, T., Nishi, M., Takahashi, Y., Sekiguchi, S., Ohuchi, T., Tajiri, F., Okayama, J., Takaya, Y., Kawasaki, T., Imahashi, K., Ohtsu, K., Tsuji, H. Construction of ITER common test facility for CS model coil 95590
Shimamoto, S. *see* Ando, T. 95522
Shimamoto, S. *see* Kanazawa, A. 87694
Shimamoto, S. *see* Koizumi, N. 64578
Shimamoto, S. *see* Koizumi, N. 95512
Shimamoto, S. *see* Matsui, K. 102175
Shimamoto, S. *see* Ogata, H. 95521
Shimamoto, S. *see* Oka, K. 102400
Shimamoto, S. *see* Sugimoto, M. 95523
Shimamoto, S. *see* Wadayama, Y. 95564
Shimamoto, Y. *see* Cole, B.E. 105186
Shimamoto, Y. *see* Nicholas, R.J. 62973
Shimamura, H. *see* Kobayashi, S. 63429
Shimamura, K. Service and network evolution toward future multimedia communication 67911
Shimamura, K., Takeda, H., Kohno, T., Fukuda, T. Growth and characterization of lanthanum gallium silicate $La_3Ga_5SiO_{14}$ single crystals for piezoelectric applications 82579
Shimamura, K., Uda, S., Yamada, T., Sakaguchi, S., Fukuda, T. Silicon single crystal fiber growth by micro pulling down method 82572
Shimamura, K. *see* Kasahara, H. 78227
Shimamura, K. *see* Murabayashi, F. 73459
Shimamura, K. *see* Murase, S. 95431
Shimamura, T., Miao, W., Suzuki, J. Two-dimensional spectral estimation method with data extension and its improvement 97771
Shimamura, T. *see* Suzuki, J. 76888
Shimane, K. *see* Tadakuma, S. 71297
Shimano, H. *see* Fukaszawa, H. 99761
Shimano, H. *see* Nitta, Y. 73370
Shimano, S. *see* Swarup, K.S. 70654
Shimanskii, S.S. *see* Saldin, E.L. 107393
Shimanskiy, S. *see* Faschingbauer, U. 110557
Shimanuki, Y. *see* Harada, K. 62697
Shimaoka, G. *see* Nakanishi, Y. 64905
Shimaoka, K. *see* Tabata, O. 99949
Shimasaki, M., Show, Y., Iwase, M., Izumi, T., Ichinohe, T., Nozaki, S., Morisaki, H. Correlation between light emission and dangling bonds in porous silicon 64908
Shimasaki, N. Current trends and the near future in the information networking service industries 87962
Shimatani, N., Kawatsura, K., Takahashi, R., Nishihata, A., Arai, S., Aoki, Y., Yamamoto, S., Takeshita, H., Naramoto, H., Horino, Y., Mokuno, Y., Fujii, K. Radiation-induced damage and recrystallization of amorphized α-SiC by MeV Ni and Au implantation 114892
Shimatsu, T., Djayaprawira, D.D., Endo, A., Iwata, N., Takahashi, M., Wakiyama, T. Intergranular magnetic coupling in CoNiCrPt and CoCrTaPt thin-film media characterized by the temperature dependence of the rotational hysteresis loss 106530
Shimatsu, T., Djayaprawira, D.D., Takahashi, M., Wakiyama, T. Effect of Pt on the magnetic anisotropy and intergranular exchange coupling in $(Co_{86}Cr_{12}Ta_2)_{100-x}Pt_x$ and $(Co_{62.5}Ni_{30}Cr_{7.5})_{100-x}Pt_x$ thin-film media 106531
Shimatsu, T. *see* Kawakita, S. 106581
Shimatsu, T. *see* Kikuchi, A. 64450
Shimatsu, T. *see* Kikuchi, A. 106529
Shimatsu, T. *see* Nakai, J. 106528
Shimatsu, T. *see* Sato, H. 115478
Shimauchi, M., Miura, T., Takuma, H., Da Xing Absorption lines of O_2 and HF in KrF laser spectrum 107075
Shimauchi, S. *see* Haneda, Y. 67973
Shimawaki, H. *see* Ishihara, T. 62580
Shimawaki, H. *see* Tanaka, S. 83532
Shimawaki, Y. *see* Nishibori, T. 66065
Shimawaki, Y. *see* Nishibori, T. 76603
Shimaya, M. *see* Koizumi, H. 95013
Shimayama, T. Principle circuit of constant impedance noise filters 62002
Shimazaki, K. *see* Ohta, N. 75231
Shimazaki, T. *see* Yamazaki, T. 113466
Shimazawa, K., Baba, T., Kobayashi, K., Shinagawa, K., Saito, T., Tsushima, T. Exchange coupling in NiO/Ni double layer films 95346
Shimazoe, M. *see* Matsuoka, Y. 115388
Shimazu, N. *see* Morita, H. 96955
Shimazu, Y. Estimation of neutron source and gamma source strengths for reactivity measurements 102389
Shimazu, Y. *see* Ito, N. 97880
Shimbashi, T. Current therapy of skin laser surgery 110905
Shimbo, M., Yoshikawa, J. New silicon bonding method 94775
Shimer, D.W. *see* Jackson, L.T. 100734
Shimin Sheng *see* Sheng Shimin
Shiming Hu *see* Vickers, R. 118020
Shiming Lin *see* Lin Shiming
Shiming Xu *see* Xu Shiming
Shimizu, A. Trials for multimedia communications 109230
Shimizu, A., Hasegawa, J., Toriwaki, J., Mori, M., Takabatake, H., Natori, H. Ability of convergence index of linear shadows in the discrimination of malignant from benign nodules in chest X-ray images 90478
Shimizu, A., Ishida, H., Ohki, N., Yamanaka, T., Kikushima, K., Okuyama, K., Kubota, K., Koike, A. Impact of high-temperature RTA process for deep-submicron CMOSFETs design 84072
Shimizu, A. *see* Inoshita, T. 62875
Shimizu, A. *see* Kurihara, S. 67923
Shimizu, A. *see* Kurihara, S. 78196
Shimizu, A. *see* Yashima, Y. 68893
Shimizu, E. *see* Kajiki, Y. 96748
Shimizu, E. *see* Mizobuchi, T. 76276
Shimizu, E. *see* Okamoto, H. 67058
Shimizu, E. *see* Purnomo, M.H. 121257
Shimizu, E. *see* Sakamoto, K. 100183
Shimizu, E. *see* Sakamoto, K. 119807
Shimizu, E. *see* Shimojo, S. 71720
Shimizu, E. *see* Ueda, H. 96753
Shimizu, H. Low temperature and large-area deposition of 3C-SiC on Si by AC plasma-assisted CVD 104138
Shimizu, H. Movement toward LAN systems for Internet 118384
Shimizu, H., Fukushima, T., Hiraiwa, K., Nishikata, K., Hirayama, Y., Irikawa, M. High differential gain of 1.5 µm AlGaInAs MQW-LDs and the analysis of the carrier transport 116494
Shimizu, H., Kato, T., Yue-Jin Tang, Yokomizu, Y., Matsumura, T., Kito, Y. Influence of self-magnetic field on the quench of superconducting fault current limiter 102269
Shimizu, H., Munakata, C. Scanning photon microscope based on ac surface photovoltage: Applications to nondestructive evaluation of metallic contaminants in silicon wafers 89553
Shimizu, H., Nagata, T., Nakamura, A. Nanohenry inductance measurement using a low parasitic-inductance probe 119832
Shimizu, H. *see* Fukuda, T. 66861
Shimizu, H. *see* Furukawa, H. 118868
Shimizu, H. *see* Furumochi, K. 73356
Shimizu, H. *see* Katayama, T. 100237
Shimizu, H. *see* Kato, T. 121085
Shimizu, H. *see* Kobayashi, M. 80004
Shimizu, H. *see* Maekawa, T. 111475
Shimizu, H. *see* Maruyama, K. 100989
Shimizu, H. *see* Nakamura, K. 105699
Shimizu, H. *see* Nakamura, S. 109232
Shimizu, H. *see* Sato, S. 91561
Shimizu, H. *see* Tang, Y.J. 64520
Shimizu, H. *see* Yue-Jin Tang 71383
Shimizu, H.M. *see* Daigo, M. 120105
Shimizu, H.M. *see* Kawai, T. 120180
Shimizu, I., Kato, F., Isago, T., Ichige, K., Otake, Y., Arakawa, S. Developmental research on simultaneous discrimination of shapes by a photoconductor-plastic hologram automatically processed by solvent vapour 117808
Shimizu, I. *see* Akasaka, T. 92876
Shimizu, I. *see* Azuma, M. 94239
Shimizu, I. *see* Fortmann, C.M. 94799
Shimizu, I. *see* Fujiwara, H. 83835
Shimizu, I. *see* Fujiwara, H. 94542
Shimizu, I. *see* Futako, W. 92894
Shimizu, I. *see* Hanna, J. 100250
Shimizu, J., Miyanaga, Y., Tochinai, K. Tracking capability and floating-point error analysis in multirate complex recursive weighted least squares algorithm 77028
Shimizu, J., Miyanaga, Y., Tochinai, K. A cascade lattice IIR adaptive filter for total least squares problem 114119
Shimizu, J.-I. *see* Katsuta, G. 102208
Shimizu, K., Akihara, M., Ito, S. A development support system for intelligent network services 98821
Shimizu, K., Hirakawa, T. New information communication network in multimedia age 87959
Shimizu, K., Mizuochi, T., Nakagawa, J., Takano, K., Motoshima, K., Kitayama, T. 10 Gbit/s repeaterless transmission over 258 km employing 24 ps RZ pulses 68518
Shimizu, K., Nakamoto, M., Kokubo, T., Tanabe, H. Generalized predictive control for a NOx decomposition process of a combined cycle power plant 102478

Shimizu, K., Ueguchi, T., Tamura, S., Nakamura, H. Wavelet encoded MR imaging 70033
Shimizu, K. *see* Ezawa, H. 80081
Shimizu, K. *see* Ezawa, H. 100931
Shimizu, K. *see* Hatsuda, T. 88394
Shimizu, K. *see* Hemink, G.J. 93392
Shimizu, K. *see* Itoh, J. 83748
Shimizu, K. *see* Mizuochi, T. 78771
Shimizu, K. *see* Ninomiya 64569
Shimizu, K. *see* Okasaka, S. 77977
Shimizu, K. *see* Piec, Z. 106721
Shimizu, K. *see* Satoh, N. 90346
Shimizu, K. *see* Satoh, N. 101117
Shimizu, K. *see* Sugata, H. 113195
Shimizu, K. *see* Watabe, K. 98111
Shimizu, M. Electrical feedback using a saturable absorber as an internal photodetector in self-pulsating two-section laser 116599
Shimizu, M., Nishi, T., Konuma, T., Yamazaki, S. Characteristic of a novel liquid crystal cell with mixture of FLC and UV curable resin 95281
Shimizu, M., Shiosaki, T. Growth and characterization of Pb-based ferroelectric oxide thin films by MOCVD 92799
Shimizu, M. *see* Kan, K. 71395
Shimizu, M. *see* Matsuyama, K. 88005
Shimizu, M. *see* Shiosaki, T. 115424
Shimizu, M. *see* Shirakawa, K. 114335
Shimizu, M. *see* Takahashi, N. 63317
Shimizu, M. *see* Yamada, M. 75867
Shimizu, M. *see* Yu Zhu 94586
Shimizu, N., Nagatsuma, T., Waho, T., Shinigawa, M., Yaita, M., Yamamoto, M. A new method for characterizing ultrafast resonant-tunnelling diodes with electrooptic sampling 103402
Shimizu, N. *see* Morooka, T. 69081
Shimizu, N. *see* Takei, H. 85203
Shimizu, N. *see* Tohyama, N. 64054
Shimizu, N. *see* Yamada, S. 84881
Shimizu, O. The tendency of car navigation technology 88791
Shimizu, O. *see* Kashihara, T. 103148
Shimizu, R., Matsuoka, M., Kato, K., Hayakawa, N., Hikita, M., Okubo, H. Development of Kerr electro-optic 3-d electric field measuring technique and its experimental verification 69440
Shimizu, R. *see* Sugitani, Y. 91979
Shimizu, S., Tanizawa, M., Kusunoki, S., Inuishi, M., Miyoshi, H. Reliability simulation of AC hot carrier degradation for deep sub-micron MOSFETs 84440
Shimizu, S. *see* Kuribayashi, K. 64017
Shimizu, S. *see* Nakagomi, S. 85272
Shimizu, S. *see* Tanaka, Y. 87388
Shimizu, S. *see* Tanaka, Y. 117945
Shimizu, S. *see* Wu, J. 82643
Shimizu, T., Kimura, G. High frequency leakage current reduction based on a common-mode voltage compensation circuit 121733
Shimizu, T., Kimura, G., Hirose, J. High frequency leakage current caused by the transistor module and its suppression technique 102870
Shimizu, T., Korematu, J., Satou, M., Kondo, H., Iwata, S., Sawai, K., Okumura, N., Ishimi, K., Nakamoto, Y., Kumanoya, M., Dosaka, K., Yamazaki, A., Ajioka, Y., Tsubota, H., Nunomura, Y., Urabe, T., Hinata, J., Saitoh, K. A multimedia 32 b RISC microprocessor with 16 Mb DRAM 73431
Shimizu, T., Kumeda, M. Contribution of floating bonds to photocreation of defects in a-Si:H 83876
Shimizu, T., Tachikawa, M., Hong, F.-L., Sugawara, T. Laser instability and chaos for studies of molecular relaxation 96112
Shimizu, T. *see* Iwata, S. 113978
Shimizu, T. *see* Korematsu, J. 73404
Shimizu, T. *see* Koyama, M. 64137
Shimizu, T. *see* Masuda, A. 105658
Shimizu, T. *see* Masuda, A. 114629
Shimizu, T. *see* Minamikawa, T. 104127
Shimizu, T. *see* Murabayashi, F. 73459
Shimizu, T. *see* Nakamura, T. 113465
Shimizu, T. *see* Ohtsuka, H. 98923
Shimizu, T. *see* Qing Zhang 94406
Shimizu, T. *see* Quing Zhang 105195
Shimizu, T. *see* Sato, E. 119160
Shimizu, T. *see* Sonoo, M. 101381
Shimizu, T. *see* Uchida, T. 106067
Shimizu, T. *see* Wado, H. 72849
Shimizu, T. *see* Yonezawa, Y. 113451
Shimizu, W. *see* Nakamura, T. 74860
Shimizu, Y., Kozaka, H., Murakami, S., Takata, M. An overvoltage self-protected thyristor with a structure to predict breakover voltage 63650
Shimizu, Y., Sasaki, H., Kamei, M., Chida, K., Kimura, Y., Mizutani, Y. Development of a PC-NTSC scan converter system LSI 104568
Shimizu, Y., Takada, M., Fujiwara, H., Yasui, Y., Maeda, T., Kamada, Y., Hori, T., Ishida, M., Yamada, N. Studies on horizontal axis wind turbine electric generation system with variable speed control 91413
Shimizu, Y. *see* Egashira, M. 119766
Shimizu, Y. *see* Kamijo, M. 77493
Shimizu, Y. *see* Koshijima, J. 90618
Shimizu, Y. *see* Lijima, M. 75168
Shimizu, Y. *see* Maenaka, K. 119646
Shimizu, Y. *see* Nakamura, Y. 84836
Shimizu, Y. *see* Nishikata, A. 76489
Shimizu, Y. *see* Sasaki, H. 73410
Shimizu, Y. *see* Tonami, S. 84681
Shimizu-Iwayama, T., Terao, Y., Kamiya, A., Takeda, M., Nakao, S., Saitoh, K. Visible photoluminescence from silicon nanocrystals formed in silicon dioxide by ion implantation and thermal processing 94265
Shimizu-Iwayama, T., Terao, Y., Kamiya, A., Takeda, M., Nakao, S., Saitoh, K. Novel approach for synthesizing of nanometer-sized Si crystals in SiO$_2$ by ion implantation and their optical characterization 94663
Shimkaveg, G. *see* Richardson, M. 85430
Shimkin, N., Shwartz, A. Asymptotically efficient adaptive strategies in repeated games. II. Asymptotic optimality 113086
Shimoda, K. *see* Shirai, Y. 121250
Shimoda, N., Mitsumatsu, G., Kanoh, H., Sawa, K. A study on commutation arc and wear of brush in gasoline of D.C. motor 71347
Shimoda, S. *see* Kakimoto, F. 69777
Shimoda, S. *see* Sumiyoshi, H. 109881
Shimoda, T. *see* Ishida, M. 64392
Shimoda, T. *see* Kato, I. 92945
Shimoda, T. *see* Mitsuoka, S. 69650
Shimoda, Y., Satoh, H. Analysis of switching operation for two-terminal bi-directional thyristors 63643
Shimoda, Y. *see* Mwansa, D. 67492
Shimoda, Y. *see* Satoh, H. 67639
Shimoda, Y. *see* Satoh, H. 105932
Shimodaira, H. A simple and efficient method for diagnosing equipment faults based on quantitative physical knowledge 82281
Shimodaira, Y., Takahashi, M., Muraoka, T., Yamamoto, K., Ishii, Y., Matsuura, M. A proposal for defining maximum viewing angles of TFT-LCDs based on subjective evaluation of picture quality 89303
Shimodaira, Y. *see* Asada, H. 108478
Shimodaira, Y. *see* Noyori, Y. 89338
Shimodaira, Y. *see* Washio, H. 89339
Shimodan, H. *see* Kubozono, T. 105816
Shimogaki, Y. *see* Egashira, Y. 61362
Shimogawara, S. *see* Koike, S. 118526
Shimoi, N., Koga, S., Itoh, K., Iitaka, F., Shinoda, Y. A sensor stabilizing technology of air cushion for pile detection 89049
Shimoi, N., Nakamura, Y. Application of millimeter wave radar traffic observation system 78995
Shimojima, K. *see* Arai, F. 67913
Shimojima, K. *see* Fukuda, T. 77302
Shimojima, K. *see* Kubota, N. 92512
Shimojo, S., Mimura, T., Shimizu, E., Hisatome, N. Hydrogen production test through the process of water electrolysis using solar energy for carbon dioxide recycling 71720
Shimojo, S. *see* Oh, S.-W. 78166
Shimojo, T. *see* Sato, F. 89329
Shimojo, Y. *see* Kamatani, Y. 78290
Shimokawa, H., Amari, S.-I. Multiterminal estimation theory with binary symmetric source 66227
Shimokawa, K., Dohnomae, H., Mukai, T., Yamada, H., Matsuda, H., Daimon, M. Nanocrystalline garnet disks for magneto-optical recording media 84806
Shimokawa, R., Ishii, K., Takahashi, T. Optical confinement in thin film Si solar cells by diffuse reflective substrate 91756
Shimokawa, R. *see* Mita, S. 75261
Shimokawa, R. *see* Mita, S. 75261
Shimokoshi, K. Resource management for multimedia broadband access networks 78046
Shimokozono, M. *see* Terui, H. 107019
Shimokura, N., Kaya, N., Shinohara, M., Matsumoto, H. Point-to-point microwave power transmission experiment 91077
Shimomura, A. *see* Imura, A. 69391
Shimomura, H., Anan, T., Sugou, S. Growth of AlPSb and GaPSb on InP by gas-source molecular beam epitaxy 72840
Shimomura, J. *see* Nomura, M. 100337
Shimomura, J.F.S. *see* Niinomi, T. 105771
Shimomura, K., Ohinata, Y., Tanaka, Y. Error rate performance of high density recording using narrow track spin-valve GMR head 115791
Shimomura, K. *see* Nitta, Y. 73370
Shimomura, K. *see* Sakai, T. 85347
Shimomura, M., Naka, K., Sanada, N., Suzuki, Y., Fukuda, Y., Moller, P.J. Surface structures and electronic states of H$_2$S-treated InP(001) 62723
Shimomura, N., Nagata, M., Grabowski, C., Murayama, K., Akiyama, H. Effects of wire shape on unstable behavior of parallel fuses [in IES pulsed power generators] 112141
Shimomura, N. *see* Yamanaka, T. 72848
Shimomura, O. *see* Hamaya, N. 90247
Shimomura, R., Kobayashi, S., Kudo, K. Chaotic character of luminous phenomena during electrical tree propagation in polymeric insulating materials 64152
Shimomura, S., Shinohara, K., Kasahara, K., Motokawa, T., Adachi, A., Okamoto, Y., Sano, N., Hiyamizu, S. GaAs/Al$_{0.3}$Ga$_{0.7}$As resonant tunneling diodes with atomically flat interfaces grown on (411)A GaAs substrates by MBE 63572
Shimomura, S. *see* Higashiwaki, M. 72763
Shimomura, S. *see* Ishizaki, A. 100324
Shimomura, T. *see* Fujiwara, N. 111681
Shimomura, T. *see* Gupta, S. 110177
Shimomura, T. *see* Mizunami, T. 64657
Shimomura, T. *see* Mizunami, T. 106781
Shimomura, T. *see* Mizunami, T. 106784
Shimomura, T. *see* Ohtsuka, M. 119662
Shimon, L.L. *see* Malinin, A.N. 65044
Shimonaka, A. *see* Kawanishi, H. 94740
Shimone, J. *see* Fukutomi, H. 102407
Shimonishi, H., Takine, T., Murata, M., Miyahara, H. Performance analysis of fast reservation protocol with generalized bandwidth reservation method 87791
Shimonishi, H., Takine, T., Murata, M., Miyahara, H. Performance analysis of fast reservation protocol in ATM networks with arbitrary topologies 118116
Shimono, T. *see* Yamamoto, K. 63364
Shimony, Y. *see* Burshtein, Z. 110412
Shimony, Y. *see* Harms, P.H. 91949
Shimony, Y. *see* Kalisky, Y. 96678
Shimooka, Y. *see* Iljima, T. 63464
Shimosato, Y. *see* Elsayed, A.M. 109178
Shimosato, Y. *see* Elsayed, A.M. 111017
Shimose, K. *see* Ishihara, T. 81784
Shimotahira, H., Taga, F. On the kernel MUSIC algorithm with a non-redundant spatial smoothing technique 117459
Shimotahira, H. *see* Taga, F. 117460
Shimoto, T. *see* Matsui, K. 83668
Shimotori, K. *see* Kumanoya, M. 61904
Shimotori, Y. *see* Sonegawa, T. 106297
Shimotori, Y. *see* Sonegawa, T. 113461
Shimotsu, M. *see* Morimoto, K. 81829
Shimoura, K. *see* Yamashita, I. 75829
Shimoura, K. *see* Yamashita, I. 99560
Shimoyama, I. *see* Hosokawa, K. 74892
Shimoyama, I. *see* Inoue, T. 83651
Shimoyama, K., Miyakawa, Y., Yamauchi, T. Subquarter micron hole pattern generation by novel undersize method 74641
Shimoyama, N. *see* Miyachi, M. 74201
Shimozawa, M., Kawakami, K., Itoh, K., Iida, A., Ishida, O. A novel, sub-harmonic pumping direct conversion receiver with high instantaneous dynamic range 88283
Shimshoni, I., Kimmel, R., Bruckstein, A.M. Global shape from shading 98056
Shimshoni, Y., Intrator, N. Classification of seismic waveforms by integrating ensembles of neural networks 111153
Shimshoni, Y., Intrator, N. Classification of seismic waveforms by integrating ensembles of neural networks 111181
Shimura, A. *see* Nishizawa, K. 101215
Shimura, M. *see* Okumura, T. 63116
Shimura, T. *see* Izumi, S. 115167
Shimura, T. *see* Nakamura, A. 85693
Shimura, T. *see* Nogi, S. 104801
Shimuzu, T. *see* Doi, A. 80863
Shimxu, K. *see* Ueguchi, T. 66791
Shin, B.C. *see* Kim, Y.J. 87294
Shin, C.-C. *see* You, J.-H. 113776
Shin, D., Pollard, J.K., Muller, J.-P. Dynamic programming for fine co-location of ATSR images 77462
Shin, D. *see* Oh, Y. 75423
Shin, D.-J. *see* Yu, S.-G. 100172
Shin, D.H. *see* Kim, N.H. 75394
Shin, D.M. *see* Choi, N.C. 91933
Shin, D.W. *see* Kwak, J.S. 114812
Shin, E.G. *see* Chih-Che Chou 78106
Shin, F.B., Kil, D.H. Full-spectrum signal processing using a classify-before-detect paradigm 66680
Shin, H. *see* Collins, R.J. 95246
Shin, H. *see* Yun, K. 113920
Shin, H.-E., Ju, Y.-G., Shin, J.-H., Ser, J.-H., Kim, T., Lee, E.-K., Kim, I., Lee, Y.-H. 780 nm oxidised vertical-cavity surface-emitting lasers with Al$_{0.11}$Ga$_{0.89}$As quantum wells 85511
Shin, H.C. *see* Denton, H. 105644
Shin, H.C. *see* Huang, W.M. 106248
Shin, H.H. *see* Ahn, S.H. 85122
Shin, H.S. *see* Katagiri, K. 64521
Shin, J., Jin-Soo Lee, Eun-Tae Kim, Chee-Sun Won, Jae-Kong Kim An improved stop-and-go algorithm for blind equalization 88076
Shin, J. *see* Kim, M. 118104
Shin, J. *see* Nakashizuka, M. 110827
Shin, J.-H. *see* Shin, H.-E. 85511
Shin, J.-K. *see* Tsuji, K. 62131
Shin, J.G. *see* Kanghoon Lee 87373
Shin, J.H. *see* Hower, R.W. 115385
Shin, K. *see* Shaikh, A. 77793
Shin, K.-C., Tamura, M., Serizawa, N., Kurihashi, S., Tamura, S., Arai, S. Fabrication and low threshold current density CW operation of GaInAsP/InP multiple-reflector microcavity laser 65227
Shin, K.-C. *see* Kojima, T. 107276
Shin, K.-S. *see* Lee, S.H. 63329
Shin, K.G., Chih-Che Chou Design and evaluation of real-time communication for FieldBus-based manufacturing systems 77931
Shin, K.G. *see* Hagbae Kim 76502
Shin, K.G. *see* Mehra, A. 87598
Shin, K.G. *see* Seok-Kyu Kweon 87338
Shin, K.G. *see* Sunghyun Choi 118117
Shin, K.H. *see* Chang, H.S. 64296
Shin, K.H. *see* Lee, K.J. 115603
Shin, K.H. *see* Meiler, R.J. 90654
Shin, K.H. *see* Schmid, G.F. 101080

Shin, K.K., Poon, J.C.H., Li, N.C. A fixed-point DSP based Cantonese recognition system 66579
Shin, N.S. *see* Lee, K.W. 107811
Shin, R. *see* Amin, A. 66891
Shin, R.T. *see* Johnson, J.T. 65763
Shin, R.T. *see* Johnson, J.T. 120877
Shin, S.K., Sweeney, P. Trellis decoding of Reed-Solomon codes by using soft decision information 76733
Shin, S.Y. *see* Chih-Cheng Hung 98343
Shin, T. *see* Kramer, L.H. 120084
Shin, W.C. *see* Park, K.T. 83118
Shin, Y.C. *see* Oh, S.J. 92301
Shin, Y.G. *see* Jeong, M.S. 94539
Shin, Y.G. *see* Kim, J.-H. 105576
Shin, Y.J. *see* Jang, D.H. 102951
Shin Buhm Jae *see* Buhm Jae Shin
Shin Byeong-Seok *see* Byeong-Seok Shin
Shin Byoung-Chul *see* Byoung-Chul Shin
Shin Chang Doon *see* Chang Doon Shin
Shin Cheon Woo *see* Cheon Woo Shin
Shin Cho, Byung-il Choi, Seon-Kyou Choi Restructuring the Korean telecommunications market 98541
Shin Cho Ho *see* Ho Shin Cho
Shin Choi *see* Young-Gon Kim 112935
Shin Dong Heon *see* Dong Heon Shin
Shin Dong Joo *see* Dong Joo Shin
Shin Dong Suk *see* Dong Suk Shin
Shin Dong Won *see* Dong Won Shin
Shin Dong-Hak *see* Dong-Hak Shin
Shin Dong-Jin *see* Dong-Jin Shin
Shin Dong-Myung *see* Dong-Myung Shin
Shin Dong-Ryul *see* Dong-Ryul Shin
Shin Dong-Woo *see* Dong-Woo Shin
Shin EungSoon *see* EungSoon Shin
Shin Ho Seung *see* Ho Seung Shin
Shin Hong Kyu *see* Hong Kyu Shin
Shin Hwa Sook *see* Hwa Sook Shin
Shin Hyeon-Sik *see* Hyeon-Sik Shin
Shin Hyun *see* Hyun Shin
Shin Hyun Chul *see* Hyun Chul Shin
Shin Hyun Song *see* Hyun Song Shin
Shin Hyun Woo *see* Hyun Woo Shin
Shin Hyun-Eoi *see* Hyun-Eoi Shin
Shin Hyunchol *see* Hyunchol Shin
Shin Hyunchul *see* Hyunchul Shin
Shin Hyungsoon *see* Hyungsoon Shin
Shin Hyunsoo *see* Hyunsoo Shin
Shin Jae-Heung *see* Jae-Heung Shin
Shin Jae-Jin *see* Jae-Jin Shin
Shin Jin-Cheol *see* Jin-Cheol Shin
Shin Jin-Ho *see* Jin-Ho Shin
Shin Jong Cheol *see* Jong Cheol Shin
Shin Jong-Dug *see* Jong-Dug Shin
Shin Jong-Woo *see* Jong-Woo Shin
Shin Joong-Shik *see* Joong-Shik Shin
Shin Junho *see* Junho Shin
Shin Ki-Chul *see* Ki-Chul Shin
Shin Koo Yong *see* Koo Yong Shin
Shin Koo-Yong *see* Koo-Yong Shin
Shin Kwon Oh *see* Oh Shin Kwon
Shin Kyung Ho *see* Kyung Ho Shin
Shin Matsuda, Kazuhiro Kawabata, Nobuyuki Itoh Highly reliable ceramic BGA 82213
Shin Mincheol *see* Mincheol Shin
Shin Myong-Chul *see* Myong-Chul Shin
Shin Myungki *see* Myungki Shin
Shin Pan-Seok *see* Pan-Seok Shin
Shin Sang-Gil *see* Sang-Gil Shin
Shin Sang-Yung *see* Sang-Yung Shin
Shin Seung-Ho *see* Seung-Ho Shin
Shin Suk-Hyun *see* Suk-Hyun Shin
Shin Sung Tae *see* Sung Tae Shin
Shin Sung-Chul *see* Sung-Chul Shin
Shin Woo-Gyun *see* Woo-Gyun Shin
Shin Yang-Kyun *see* Yang-Kyun Shin
Shin Yeong Gil *see* Yeong Gil Shin
Shin Yoan *see* Yoan Shin
Shin Yong Ho *see* Yong Ho Shin
Shin Yoo Sang *see* Sang Shin Yoo
Shin Youn-Bok *see* Youn-Bok Shin
Shin Young-Jin *see* Young-Jin Shin
Shin Young-Kil *see* Young-Kil Shin
Shin Yu Gyun *see* Yu Gyun Shin
Shin Yun Sup *see* Yun Sup Shin
Shin-Hon Chen, Shyh-Kang Jeng SBR image approach for radio wave propagation in tunnels with and without traffic 97124
Shin-Hsing Chang, Wu, J.H., Li Zhu Frequency synthesizer product or/and process optimization using the grey relational analysis 119786
Shin-Il Lim, Seung-Hoon Lee, Sun-Young Hwang A 12 b 10 MHz 250 mW CMOS A/D converter 73492
Shin-Il Lim *see* Min-Gyu Kim 93120
Shin-Jia Hwang, Chin-Chen Chang, Wei-Pang Yang Authenticated encryption schemes with message linkage 76726
Shin-Jia Hwang, Chin-Chen Chang, Wei-Pang Yang An efficient dynamic threshold scheme 97437
Shin-Jin Hwang, Chin-Chen Chang, Wei-Pang Yang Two efficient server-aided RSA secret computation protocols against active attacks 117176
Shin-Lun Tung, Yau-Tarng Juang Mandarin speech recognition using segment-based cepstral comparison in noisy conditions 97648
Shin-Shi Chang *see* Hung-Wei Chen 76769
Shin-Tson Wu White light liquid crystal shutter with sub-millisecond response 95875
Shin-Tson Wu *see* Tocher, A.J. 95874
Shinabe, S. *see* Yoshimura, M. 94569
Shinada, Y. *see* Zhang, X. 114073
Shinagawa, K. *see* Shimazawa, K. 95346
Shinagawa, M., Nagatsuma, T. A novel high-impedence probe for multi-gigahertz signal measurement 69091
Shinagawa, N. *see* Tanaka, H. 121155
Shinagawa, Y. *see* Kunii, T.L. 118559
Shinagawa, Y. *see* Naoi, K. 121843
Shinan Wang, Aida, F., Fujiwara, Y. DC insulation characteristics of polyethylene–influence of moisture content and temperature on space charge properties 121151
Shinan Wang *see* Tanimoto, G. 64150
Shinan Wang *see* Tanimoto, G. 114356
Shinar, J. *see* Greenham, N.C. 75764
Shinas, M.A. *see* Johnson, K.F. 100583
Shinbo, A. *see* Mukoujima, T. 99548
Shinbo, H. *see* Masaki, A. 76157
Shinbo, K., Shintani, I., Tsuchiya, T. A visual monitoring system for electric power facilities 81632
Shinbo, T. *see* Mizuno, H. 73354
Shinde, S.R. *see* Nawathey-Dikshit, R. 72977
Shinde, S.S., Bhatt, B.C., Srivastava, J.K., Sanaye, S.S. Development and characterisation of a $BaSO_4$:Eu,P phosphor as a high sensitivity TL dosemeter 101466
Shindo, H. *see* Chinzei, Y. 74557
Shindo, H. *see* Chinzei, Y. 94732
Shindo, K. *see* Hirai, T. 71619
Shindo, N. *see* Kadowaki, N. 88439
Shindo, T., Matsuda, S., Torato, M., Furuya, T., Suhma, H. OPENCENTER: middleware for system operations management 109017
Shindo, T. *see* Shiho, M. 96551
Shindo, T. *see* Wada, A. 70492
Shindoh, S. *see* Kojima, M. 92539
Shine, T. *see* Tegoshi, Y. 61545
Shiner, W. *see* Crosby, P. 92166
Shing Cheung Tsz *see* Tsz Shing Cheung
Shing Huang Ruey *see* Ruey Shing Huang
Shing Su Jan *see* Jan Shing Su
Shing Wong Wing *see* Wing Shing Wong
Shing-Fong Su Analog video transmission systems 68444
Shing-Mo Cheng, Kwok-Tung Lo Variance oriented dynamic codebook adaptive vector quantization system for image coding 77287
Shingai, H., Matsunaga, H., Urahama, K. Image restoration by spatial clustering 97909
Shingai, H., Takiyama, R. Individual identification by unifying profiles and full faces 108718
Shingai, H. *see* Urahama, K. 76673
Shingu, H., Murata, M., Ono, T., Ishikawa, K. Current status of flight evaluation of DGPS-INS hybrid navigation system at NAL 79080
Shingubara, S., Fujiki, K., Sakaue, H., Takahagi, T. Resistance oscillations induced by DC electromigration [IC interconnects] 115010
Shingyang Zhu, Li, J.H., Chenglu Lin, Gao, J.X., Yan, L.L. Total dose γ-ray irradiation characteristics of CMOS inverters fabricated on SIMOX and BESOI wafers 84580
Shingyouji, T. *see* Hasegawa, H. 63163
Shingyouji, T. *see* Satoh, Y. 75000
Shinhama, Y. *see* Imura, S. 73455
Shinian Fu, Yinbao Chen, Zhibin Huang Study on accelerator noise effects on a far-infrared FEL oscillator 76059
Shinian Fu *see* Yinbao Chen 89883
Shinian Fu *see* Zhibin Huang 89884
Shinian Fu *see* Fu Shinian
Shinigawa, M. *see* Shimizu, N. 103402
Shinjo, K. *see* Mizukami, M. 84986
Shinjo, T. *see* Levy, P.M. 75207
Shinjo, T. *see* Mibu, K. 95349
Shinkai, M. *see* Kikuchi, T. 81351
Shinkai, S. *see* Baqai, S. 109212
Shinkai, T. *see* Yamagata, Y. 81594
Shinkaji, Y. *see* Abe, K. 90317
Shinkoda, H., Mizone, S., Kawahara, T., Tabata, S. New shape waterproof speaker for vehicles 119508
Shinkoda, I. *see* Halpern, M. 99701
Shinkoda, T. *see* Ishii, T. 91565
Shinmin Wang *see* Hecht-Nielsen, R. 77308
Shinmori, M. *see* Takada, A. 73456
Shinmoto, K., Honda, T., Kaneko, S. A method for determining three-dimensional surface orientation of objects with textures 77492
Shinmoto, T., Kimura, C., Yamamoto, K., Umeda, S. Development of the DC superimposition bridge method for the measurement of high insulation resistance of medium voltage XLPE cables in operations 102161
Shinn, M. *see* Benson, S. 90111
Shinn, M. *see* Benson, S.V. 96445
Shinn, M. *see* Benson, S.V. 107358
Shinn, M. *see* Dylla, H.F. 76067
Shinn, M. *see* Neuffer, D.V. 79877
Shinn-Sheng Yu *see* Chih-Hung Chien 85607
Shinn-Shyue Shieh *see* Szu-Lin Su 99153
Shino, H. *see* Nakamitsu, T. 70085
Shinoda, C., Hotta, M., Nakamura, K., Hashizume, T., Tani, T. Influence of initial voltage step on residual AC breakdown voltage of XLPE power cables after accelerated water immersion aging test 70915
Shinoda, H., Ando, S. A tactile sensor with 5-D deformation sensing element 79395
Shinoda, H., Kosaka, M., Kojima, J., Ikeda, H., Zaima, S., Yasuda, Y. Electrical properties of metal/$Si_{1-x}Ge_x$/Si(100) heterojunctions 105466
Shinoda, K., Fujii, M., Matsuo, M., Suetsuga, T., Mori, S. Idealized operation of Class DE frequency multipliers 114161
Shinoda, K., Fujii, M., Matsuo, M., Suetsugu, T., Mori, S. Analysis of phase-controlled resonant DC/AC inverter with Class E frequency multipliers 121704
Shinoda, K., Hiramoto, K., Sagawa, M., Toyonaka, T., Uomi, K. Circular beam, high power operation of 0.98 μm InGaAs/InGaAsP lasers with a tapered waveguide spot-size expander 75920
Shinoda, K., Hiramoto, K., Sagawa, M., Uomi, K. Lasing operation of InGaAsP-based InGaAs/GaAs vertical-cavity surface-emitting lasers with a strain-compensated active region 116496
Shinoda, K. *see* Ting-Chung Poon 65548
Shinoda, M., Nakamura, K., Yabe, M., Watanabe, N., Satoh, T., Hirai, N., Fujita, T., Kime, K., Ishida, Y. Optical pick-up for DVD 109934
Shinoda, M. *see* Okada, H. 90146
Shinoda, N. *see* Qiao, X. 104116
Shinoda, S. *see* Nakano, K. 68189
Shinoda, S. *see* Nakano, K. 99298
Shinoda, S. *see* Tamura, H. 72510
Shinoda, T. The principle of color plasma display and the state of the art 89283
Shinoda, T. *see* Otsuka, A. 89274
Shinoda, Y. *see* Shimoi, N. 89049
Shinohara, D. *see* Kikuchi, S. 98080
Shinohara, H. *see* Ikeo, I. 102993
Shinohara, H. *see* Maekawa, H. 102917
Shinohara, H. *see* Makino, H. 61826
Shinohara, H. *see* Makino, H. 61852
Shinohara, H. *see* Motohashi, N. 90260
Shinohara, H. *see* Ueda, K. 73203
Shinohara, J. *see* Nakai, H. 92860
Shinohara, J. *see* Onishi, K. 119493
Shinohara, K., Kodama, E., Ogawa, M., Abe, T., Tanahara, M., Odaka, K., Kamijyou, K., Aoyama, N., Tuchiya, H., Yamamoto, Y. Construction of fault location system for 66 kV Kuriyama/Chuzenji overhead transmission lines 121183
Shinohara, K., Nakagawa, H. Present and future trends in information systems for electric power companies 80860
Shinohara, K. *see* Shimomura, S. 63572
Shinohara, K. *see* Yamamoto, K. 121432
Shinohara, M., Yokoyama, H., Wada, K. Roughness on resonant tunneling characteristics 105853
Shinohara, M. *see* Mutoh, H. 115799
Shinohara, M. *see* Sato, E. 110878
Shinohara, M. *see* Shimokura, N. 91077
Shinohara, N., Furukawa, M., Nakai, Y., Matsumoto, H. Development of rectenna for high power microwave energy transmission 85979
Shinohara, N., Matsumoto, H., Shklyar, D.R. Numerical analysis of self-focusing effect caused by inhomogeneity of microwave energy density in ionosphere 116892
Shinohara, N. *see* Ichikawa, S. 90112
Shinohara, S., Suzuki, T., Tanino, K., Kobayashi, H., Hasegawa, Y. A novel low-profile power module aimed at high-frequency applications 104336
Shinohara, S. *see* Ito, M. 69115
Shinohara, S. *see* Miyajima, H. 79359
Shinohara, S. *see* Shibata, T. 65586
Shinohara, S. *see* Shibata, T. 110377
Shinohara, S. *see* Wu, Y. 68426
Shinohara, T. *see* Ishiguro, T. 106534
Shinohara, Y., Terasawa, H., Ochiai, K., Hiraoka, M., Kanayama, H., Hamasaki, T. A 3 V 22 mW multi-bit current-mode ΣΔ DAC with 100 dB dynamic range 73486
Shinohara, Y. *see* Okamoto, T. 105985
Shinohara, Y. *see* Yoshimura, M. 108516
Shinokubo, H. *see* Matsuoka, R. 64101
Shinokubo, H. *see* Matsuoka, R. 64155
Shinomiya, M. *see* Matsumoto, K. 109078
Shinomiya, T., Shiomi, M., Fujimori, K., Yamagishi, S., Nishiguchi, K., Kohzaki, S., Ishii, Y. A STN-LCD with excellent pressure resistance 79617
Shinomori, S. *see* Klaus, W. 85130
Shinomura, A. *see* Yokoyama, Y. 87908
Shinonaga, H., Ito, Y. Design of multibeam satellite communications networks realized by SS/FDMA 68327
Shinonaga, H. *see* Araki, N. 78613
Shinonaga, H. *see* Ishikawa, H. 78610
Shinonaga, H. *see* Ishikawa, H. 88188
Shinozaki, A. *see* Maruyama, K. 100989
Shinozaki, G. *see* Hirano, T. 116251
Shinozaki, H. *see* Someya, K. 104751
Shinozaki, I. *see* Mori, T. 65665
Shinozaki, I. *see* Saitoh, Y. 110235
Shinozaki, K., Nakamura, O., Fujisaki, A., Nakamura, K., Ohgoshi, H. Development of optical multidrop transmission system with Er^{3+} doped fiber amplifier for distribution automation 68355
Shinozaki, K., Nakamura, O., Fujita, Y., Ashizawa, T. Application of binary synchronous communication protocol for long-distance data transmission between separated central computers for distribution automation 70854

Shinozaki, K., Nakamura, O., Hirata, K., Matsuike, T. Development of links between dissimilar data-transmission media for use in distribution automation 70855
Shinozaki, K. *see* Fudou, H. 111604
Shinozaki, K. *see* Sasaki, H. 85338
Shinozaki, K. *see* Xu, C.Q. 116677
Shinozaki, S., Wada, M., Teranishi, A., Furukawa, H., Akaiwa, Y. Radio propagation characteristics in subway platform and tunnel in 2.5 GHz band 97119
Shinozaki, S. *see* Ohata, K. 88085
Shinozaki, T., Tsushima, T., Yosida, M., Kitamura, H., Suwa, T., Kinoshita, K. Development of 4CCD consumer use Hi-Vision camera 68925
Shinozaki, Y. *see* Suzuki, E. 109403
Shinozuka, T., Yamanaka, Y., Miyamoto, S., Morinaga, N. Characteristics of electromagnetic disturbance from microwave ovens and the interference with digital radio communication systems 99392
Shinozuka, T. *see* Yamanaka, Y. 68116
Shinsho, E., Watanabe, E., Nishihara, A., Yanagisawa, T. A design of fast separated adaptive line enhancers 114112
Shinsho, E. *see* Watanabe, E. 114086
Shintake, T. TM0, 1.5, 0 mode cavity for longitudinal bunch feedback kicker 100603
Shintake, T., Akasaka, N., Bane, K.L.F., Hayano, H., Kubo, K., Matsumoto, H., Matsumoto, S., Oide, K., Yokoya, K. C-band linac RF-system for e^+e^- linear collider 89604
Shintake, T., Kubo, K., Matsumoto, H., Takeda, O. HOM-free linear accelerating structure for e^+e^- linear collider at C-band 89649
Shintake, T., Oide, K., Yamamoto, N., Hayakawa, A., Ozaki, Y., Burke, D., Field, R.C., Hartman, S., Iverson, R., Tenenbaum, P., Walz, D. Experiments of nanometer spot size monitor at FFTB using laser interferometry 100531
Shintake, T. *see* Akasaka, N. 100664
Shintake, T. *see* Alexandrof, V.A. 100628
Shintake, T. *see* Hartman, S.C. 100599
Shintake, T. *see* Kageyama, T. 100671
Shintake, T. *see* Kwok, P. 89918
Shintake, T. *see* Naito, F. 100687
Shintake, T. *see* Obina, T. 100585
Shintake, T. *see* Takeuchi, Y. 100684
Shintake, T. *see* Tenenbaum, P. 89675
Shintake, T. *see* Yamazaki, Y. 100469
Shintaku, T., Uno, T. Preparation of Ce-substituted yttrium iron garnet films for magneto-optic waveguide devices 113312
Shintaku, T. *see* Tate, A. 82760
Shintani, A., Ogihara, A., Doi, N., Takamatsu, S. An isolated word speech recognition using fusion of auditory and visual information 76879
Shintani, H. *see* Chiba, Y. 98990
Shintani, H. *see* Yamada, M. 80064
Shintani, I. *see* Shinbo, K. 81632
Shintani, T., Nakamura, K., Hosaka, S., Hirotsune, A., Terao, M., Imura, R., Fujita, K., Yoshida, M., Kammer, S. Phase change writing in a GeSbTe film with scanning near-field optical microscope 95663
Shintani, T. *see* Hosaka, S. 75405
Shintani, T. *see* Hosaka, S. 84945
Shintani, Y. *see* Nagasaka, A. 98893
Shinto, K., Takagi, A., Igarashi, Z., Ikegami, K., Kinsho, M., Machida, S., Yoshii, M., Mori, Y. Direct fast beam chopping of H^- ion beam in the surface-plasma H^- ion source 90092
Shinto, K. *see* Mori, Y. 100701
Shintomi, K. *see* Nagaya, S. 82822
Shintomi, T. *see* Kim, S.W. 95406
Shintomi, T. *see* Kimura, A. 95602
Shintomi, T. *see* Naihao Song 89627
Shintomi, T. *see* Yamamoto, A. 89625
Shinya, K. *see* Mondino, P.-L. 64567
Shinya, N., Konno, T., Egashira, M. Micro-scale structure fabrication using micro-probe 106282
Shinya, N. *see* Egashira, M. 95218
Shinya, N. *see* Kobayashi, M. 113550
Shinya, N. *see* Konno, T. 115379
Shinyama, K. *see* Fujita, S. 64052
Shinzato, T. *see* Haga, T. 96568
Shinzawa, T., Sugai, K., Hayashi, Y., Nakajima, T., Kishida, S., Okabayashi, H., Tsunenari, K., Murao, Y., Kobayashi, A., Yako, T. Barrier layerless submicron aluminum-damascene interconnection using aluminum chemical vapor deposition with a new nucleation method 105740
Shiobara, R. *see* Yamaguchi, K. 102630
Shioda, A. *see* Uematsu, M. 110884
Shioda, R. *see* Tweet, D.J. 61222
Shiohara, T. *see* Kikuma, I. 92673
Shiohara, Y. *see* Kanamori, Y. 103814
Shiohara, Y. *see* Nakamura, M. 72742
Shiohara, Yu. *see* Zama, H. 64500
Shioiri, K., Iwanoto, T., Honma, M. FU2010 coin validator 67970
Shiojima, K., Nishimura, K., Hyuga, F. Thermal stability and degradation mechanism of WSiN/InGaP Schottky diodes 63555
Shiojima, T. *see* Ikeda, N. 115155
Shiokawa, M. *see* Yu, J. 115590
Shiokawa, S., Kondoh, J. Surface acoustic wave microsensors 110099
Shiokawa, S., Sasase, I. Performance of restricted connective semi-random network 87269
Shiokawa, S. *see* Enomoto, K. 88125
Shiokawa, S. *see* Kondoh, J. 88969
Shiokawa, S. *see* Kondoh, J. 106459
Shiokawa, S. *see* Takemori, K. 77716
Shiokawa, S. *see* Umayabashi, M. 98431
Shiomi, A. *see* Binh, N.N. 113871
Shiomi, A. *see* Izumi, H. 95347
Shiomi, A. *see* Nakano, T. 73274
Shiomi, A. *see* Nguyen Ngoc Binh 83153
Shiomi, A. *see* Sakaguchi, M. 74542
Shiomi, A. *see* Sakaguchi, M. 105555
Shiomi, H. *see* Tsuno, T. 113313
Shiomi, K. VHF/UHF data relay system for oceanic aircraft surveillance 78459
Shiomi, K. Designing and prototyping of airport traffic management system 90727
Shiomi, M. *see* Nakamura, K. 112570
Shiomi, M. *see* Shinomiya, T. 79617
Shiomi, S., Okada, M., Yasujima, A., Maeda, K., Kobayashi, T., Masuda, M. Magnetic anisotropy of Co/Pt multilayers evaporated on NaCl(100) substrates 84818
Shiomitsu, T., Kadowaki, T., Ogawa, T., Maruyama, T. The influence of $(LaSr)CoO_3$ coatings on the electrical resistance of Ni-20Cr alloys in high temperature oxidizing atmosphere 81864
Shiomitsu, T. *see* Ishihara, T. 81784
Shiomoto, K. *see* Miyaho, N. 98390
Shiomoto, K. *see* Yamanaka, N. 67843
Shiono, K., Yamashita, T. Traffic Information Telephone Answering System 98609
Shionozaki, A. *see* Murata, S. 78238
Shiosaki, T., Shimizu, M. Phase and composition control of PZT thin films 115424
Shiosaki, T. *see* Krumins, A. 107568
Shiosaki, T. *see* Krumins, A. 116762
Shiosaki, T. *see* Shimizu, M. 92799
Shiota, M. *see* Takahashi, N. 63317
Shiota, T. *see* Miyai, H. 100238
Shiota, T. *see* Satoh, Y. 75000
Shiota, T. *see* Tsuji, S. 95687
Shiota, T. *see* Uetsuka, H. 78806
Shiota, Y. *see* Yoda, M. 112008
Shiou-Ying Cheng *see* Jung-Hui Tsai 105890
Shiou-Ying Cheng *see* Lih-Wen Laih 115234
Shioura, A. An algorithm proof for the induction of M-convex function through networks 113117
Shioura, A. *see* Murota, K. 113160
Shiow-Fang Lo *see* Chia-Fu Chen 82740
Shiow-Huey Chuang *see* Hsin-Tien Chiu 72941
Shiozaki, A. Digital half-toning by error diffusion with perturbation 108403
Shiozaki, A., Kanaya, Y. Decoded error characteristics of two-pass APP decoding 117172
Shiozaki, A. *see* Tanaka, K. 74078
Shiozaki, M. *see* Ebata, K. 96584
Shiozawa, K. *see* Kita, E. 113469
Shiozawa, M. *see* Kasuga, S. 80014
Shiozawa, S. *see* Maruyama, S. 109958
Shiozawa, T. *see* Hirano, M. 78144
Shiozawa, T. *see* Hirano, M. 98837
Shipilav, K.F. *see* Suyazov, N.V. 80662
Shiping Guo *see* Guo Shiping
Shiping He *see* He Shiping
Shiping Zhou *see* Ke-Xi Xu 84928
Shiping Zhou *see* Kexi Xu 89100
Shiping Zhou *see* Xiangying Wu 114183
Shipitsyn, V.V., Khlyupin, Yu.A., Smetanin, V.N., Khlyupina, G.N., Chistyakov, S.P., Salmin, S.V., Zubrilin, A.V., Vedernikov, A.V. Vacuum cutouts for industrial and power uses 71565
Shiple, T.R., Berry, G., Touati, H. Constructive analysis of cyclic circuits 73230
Shipley, A.F., Green, J.C., Andrews, J.P. The design and mounting of the gratings for the Far Ultraviolet Spectroscopic Explorer (FUSE) 65564
Shipley, B. Cabling standards keep LANs up to speed 67772
Shipley, P., Sayed, S., Bayoumi, M. A high speed VLSI architecture for scaleable ATM switches 99003
Shipli', E.V., Pogorelyi, A.N. Magnetic anisotropy in amorphous and modulated Tb-Fe films 64342
Shipman, B. *see* Chabrerie, C. 74846
Shipman, B. *see* Chabrerie, C. 106216
Shipp, C.E., Lafler, K.P., Gupta, S.K. SAS tools and Internet 87729
Shipp, D.D., Vilcheck, W.S. Applying VSDs with power quality and line considerations in mind 71738
Shippell, R.J., Jr. *see* Moore, H.L., Jr. 120947
Shippert, M.M. Mapping methane emission from Arctic tundra using satellite data, a digital elevation model, and discriminant functions based on field data 120661
Shippey, G., Nordkvist, T. Wideband synthetic-aperture imaging in ground coordinates using a digital phased-array technique 68716
Shippey, G., Nordkvist, T. Phased array acoustic imaging in ground co-ordinates, with extension to synthetic aperture processing 88719
Shippony, Z. *see* Fishbein, E.F. 120780
Shippony, Z. *see* Froidevaux, L. 120781
Shippony, Z. *see* Lahoz, W.A. 120782
Shipulin, A.V. *see* Mel'nikov, I.V. 85442
Shiqian Sun *see* Sun Shiqian
Shiqiang, L. *see* Housheng, C. 114678
Shiqing Yang *see* Yang Shiqing
Shiqiu Cheng, Destler, W.W., Granatstein, V.L., Antonsen, T.M., Jr., Levush, B., Rodgers, J., Zhang, Z.X. A high-power millimeter-wave sheet beam free-electron laser amplifier 107369
Shiquan Wu *see* Tiande Guo 82480
Shiquan Zeng *see* Zeng Shiquan
Shiraev, A.V. *see* Plaks, A.V. 112544
Shirafuji, J. *see* Iwasaki, Y. 115143
Shirafuji, J. *see* Sakamoto, Y. 61359
Shirafuji, J. *see* Sugino, T. 63106
Shirafuji, J. *see* Sugino, T. 83900
Shirafuji, J. *see* Sugino, T. 105494
Shirafuji, J. *see* Takahashi, N. 63317
Shirafuji, J. *see* Tanioka, K. 113477
Shirafuji, T., Kondo, H., Tachibana, K. Thickness dependence of H radical treatment of Si thin films deposited by plasma-enhanced chemical vapor deposition using $SiF_4/SiH_4/H_2$ gases 61382
Shirahata, H. *see* Kato, K. 116664
Shirai, F. *see* Yokoyama, Y. 87908
Shirai, G., Fujita, G., Kawakami, S. Automatic generation control considering generation rate constraints based on observer theory 102342
Shirai, G. *see* Fujita, G. 80853
Shirai, G. *see* Fujita, G. 111534
Shirai, H., Arai, T. Role of hydrogen in the growth of hydrogenated microcrystalline silicon 92879
Shirai, H., Takeda, R. Determination of thickness of thin thermal oxide layers on Czochralski-grown silicon wafers from their longitudinal optical vibrational mode 100310
Shirai, H. *see* Arai, T. 72932
Shirai, H. *see* Arai, T. 113293
Shirai, H. *see* Arai, T. 113406
Shirai, H. *see* Kohiyama, K. 109918
Shirai, H. *see* Tanaka, T. 64149
Shirai, K. *see* Ki Yong Lee 86134
Shirai, K. *see* Ki Yong Lee 108216
Shirai, K. *see* Okawa, S. 76840
Shirai, M. *see* Haraguchi, K. 83843
Shirai, S., Uchida, G., Yoshiwara, Y., Gohma, M., Ishii, K., Kinami, T., Mizukami, N., Yamauchi, M. Small neck color display tubes with NEAT (Narrow Elliptical Aperture Technology) electron gun 89277
Shirai, S. *see* Ishida, S. 94998
Shirai, S. *see* Nose, H. 89247
Shirai, T., Kando, M., Ikegami, M., Iwashita, Y., Okamoto, H., Kakigi, S., Dewa, H., Fujita, H., Noda, A., Inoue, M., Mashiko, K. A 100 MeV injector for the electron storage ring at Kyoto University 89766
Shirai, T., Tominaga, T., Kosukegawa, M. Measurement of low magnetic field by fast reversed magnetic field method 69456
Shirai, T. *see* Dewa, H. 120075
Shirai, T. *see* Iwashita, Y. 89771
Shirai, T. *see* Kando, M. 100698
Shirai, T. *see* Kuga, Y. 116265
Shirai, T. *see* Noda, A. 79988
Shirai, Y., Nitta, T., Shimoda, K. Measurement of damping coefficient of electric power system by use of superconducting magnet energy storage 121250
Shirai, Y. *see* Hild, M. 87032
Shirai, Y. *see* Kang-Hyun Jo 86796
Shirai, Y. *see* Nakayama, O. 86845
Shirai, Y. *see* Nitta, T. 90927
Shirai, Y. *see* Shimada, N. 97893
Shirai, Y. *see* Takizawa, H. 77096
Shiraishi, A. *see* Suzuki, T. 102499
Shiraishi, H., Hori, T., Iguchi, Y., Yamaguchi, Y., Ohashi, M., Kanematsu, K. Magnetic properties of Ni_2In type $(Co_{1-x}Mn_x)_{65}Ge_{35}$ compounds 64293
Shiraishi, H. *see* Migitaka, S. 105810
Shiraishi, H. *see* Morisaki, H. 90280
Shiraishi, H. *see* Uchino, S.-I. 105794
Shiraishi, J. *see* Goto, T. 83384
Shiraishi, K. First-principles calculations of surface adsorption and migration on GaAs surfaces 60816
Shiraishi, K., Irie, T., Sato, T., Kasahara, R., Hanaizumi, O., Kawakami, S. Integration of in-line optical isolators 116097
Shiraishi, K., Ito, T. First principles study of arsenic incorporation on a GaAs(001) surface during MBE growth 92693
Shiraishi, K., Matsumura, K., Ohnuki, H., Ohishi, I., Suga, S. Integration-oriented lensed fibers having long working distances and wide tolerances 84997
Shiraishi, K. *see* Irie, T. 78671
Shiraishi, K. *see* Takeuchi, H. 73128
Shiraishi, M., Nakada, T., Nakamura, A. A convex line type thermal printing head 94112
Shiraishi, O. *see* Kondo, T. 73138
Shiraishi, O. *see* Kuroda, H. 73812
Shiraishi, O. *see* Kuroda, H. 83419
Shiraishi, O. *see* Narita, S. 109299
Shiraishi, O. *see* Okamoto, Y. 78287
Shiraishi, S. *see* Kanamura, K. 81703
Shiraishi, S. *see* Kanamura, K. 112296
Shiraishi, S. *see* Takehara, Z. 81663
Shiraishi, T., Kawamoto, K., Ishikawa, K., Sato, H., Asai, F., Teraoka, E., Kengaku, T., Takata, H., Tokuda, T., Nishida, K., Saitoh, K. A 1.8 V 36 mW DSP for the half-rate speech codec 118693
Shiraishi, T. *see* Bessho, Y. 82239
Shiraishi, T. *see* Taniguchi, A. 76781
Shiraishi, T. *see* Tomura, Y. 104979
Shiraishi, Y. *see* Fukuda, T. 78324
Shiraishi, Y. *see* Ishida, H. 77620
Shiraishi, Y. *see* Kawamura, K. 78350
Shiraishi, Y. *see* Suzuki, Y. 78204

Shiraishi, Y. *see* Watanabe, R. 78323
Shirakabe, Y. *see* Jeong, S.C. 100438
Shirakata, K. *see* Fujita, K. 71015
Shirakata, M. *see* Sakai, I. 100718
Shirakata, S., Tamura, K., Isomura, S. Molecular beam epitaxy of CuGaSe$_2$ on GaAs substrate using metalorganic copper and gallium precursors 61259
Shirakata, S., Yokoyama, A., Isomura, S. Preparation of SnO$_2$ thin films by plasma-assisted metalorganic chemical vapor deposition 72933
Shirakata, S. *see* Chichibu, S. 113297
Shirakawa, A. *see* Hongwei, M. 65431
Shirakawa, H., Nagao, T. Automatic extraction of symmetrical rectangular regions from images using a genetic algorithm 117833
Shirakawa, I. *see* Abe, M. 76810
Shirakawa, I. *see* Onoye, T. 113979
Shirakawa, I. *see* Onoye, T. 114003
Shirakawa, I. *see* Shigehiro, Y. 95100
Shirakawa, J. *see* Osawa, H. 95370
Shirakawa, K., Higuchi, K., Miyazaki, T., Hayashi, K., Yamada, K. FORM: a frame-oriented representation method for digital telecommunication system design 77616
Shirakawa, K., Kawasaki, Y., Ohashi, Y., Okubo, N. A 15/60 GHz one-stage MMIC frequency quadrupler 83425
Shirakawa, K., Kawasaki, Y., Shimizu, M., Ohashi, U., Saito, T., Okubo, N., Daido, U. 60-GHz virtual common-drain-biased oscillator design using an empirical HEMT model 114335
Shirakawa, K. *see* Hayashi, K. 77843
Shirakawa, K. *see* Kawasaki, Y. 62329
Shirakawa, K. *see* Yamada, K. 78173
Shirakawa, M. *see* Tachibana, T. 119359
Shirakawa, S., Fukumoto, H. The analysis of electromagnetic wave propagation considering continuity of polarization current by using vector facet elements 104931
Shirakawa, T. *see* Fujiwara, S. 103812
Shirakawa, T. *see* Masui, T. 90292
Shirakawa, Y., Yamada-Kaneta, H. Annealing behavior and atomic composition of substitutional carbon-oxygen complexes in silicon crystals 114588
Shiraki, T. *see* Tsujino, J. 101618
Shiraki, Y., Fukatsu, S. Growth and properties of SiGe/Si quantum wells and heterostructures 61216
Shiraki, Y. *see* Ishitani, Y. 114766
Shiraki, Y. *see* Issiki, F. 62957
Shiraki, Y. *see* Kishimoto, Y. 94492
Shiraki, Y. *see* Lin, C.T. 61329
Shiraki, Y. *see* Muraki, K. 83951
Shiraki, Y. *see* Nayak, D.K. 106032
Shiraki, Y. *see* Sekine, N. 75689
Shiraki, Y. *see* Sunamura, H. 63076
Shiraki, Y. *see* Tokuda, K. 68065
Shiraki, Y. *see* Tokuda, K. 118601
Shiraki, Y. *see* Usami, N. 74357
Shiraki, Y. *see* Yutani, A. 74354
Shirakura, T. *see* Mitsuoka, S. 69650
Shiralagi, K., Walther, M., Tsui, R., Goronkin, H. Selective InAs growth by chemical beam epitaxy 103938
Shiralagi, K. *see* Tsui, R. 103961
Shirali-Shahreza, M.H., Faez, K., Khotanzad, A. Recognition of handwritten Farsi numerals by Zernike moments features and a set of class-specific neural network classifiers 97971
Shiramizu, Y., Watanabe, K., Tanaka, M., Aoki, H., Kitajimo, H. Removal of metal and organic contaminants from silicon substrates using electrolysis-ionized water containing ammonium chloride 63382
Shiran, N. *see* Gektin, A. 80053
Shirane, T. *see* Kanno, R. 121840
Shirani, R. *see* Phanse, A. 104409
Shirasaka, Y. *see* Fukushima, T. 118660
Shirasaki, H. Depth and width measurement simulation of semiconductor trench by optical wave irradiation 100336
Shirasaki, H. Steps approximate analysis of linear and raised cosine tapered microstrip lines by waveguide model 116985
Shirasaki, M. *see* Watanabe, S. 106805
Shirasaki, Y. *see* Asakawa, K. 88069
Shirasaki, Y. *see* Kakimoto, F. 69777
Shirasaki, Y. *see* Kojima, J. 88661
Shirasawa, T. *see* Mori, S. 81964
Shirase, M. *see* Murata, M. 91182
Shirasu, H., Arai, Y., Ikeno, M., Murata, T., Emura, T. A VME 32 channel pipeline TDC module with TMC LSIs 90226
Shirasu, H., Arai, Y., Ikeno, M., Murata, T., Emura, T. A VME 32 ch pipeline TDC module with TMC LSI 100961
Shirata, Y. *see* Zhang Tang 61968
Shiratake, F. *see* Inoue, Y. 100177
Shiratani, A. *see* Ohishi, I. 119813
Shiratani, F. *see* Terashima, M. 85213
Shiratani, F. *see* Terashima, M. 97894
Shirato, H. *see* Shiga, T. 110816
Shirato, T., Hanazawa, T., Okada, T., Maruyama, T. A 19 GHz band wireless LAN 118337
Shirato, T. *see* Suzuki, Y. 73163
Shiratori, A., Iha, M., Chikagawa, O., Takagi, H., Tomono, K., Akagi, K. Adhesive characteristics between electrolyte/electrode membrane and separator [SOFC] 81775
Shiratori, A., Obara, M. A novel sensing-recording device using a photorefractive crystal for nondestructive surface inspection 69096
Shiratori, A., Obara, M. Novel photorefractive sensing device for laser surface inspection 103480
Shiratori, A., Obara, M. Frequency-stable, narrow linewidth oscillation of red diode laser with phase-conjugate feedback using stimulated photorefractive backscattering 107294
Shiratori, A., Obara, M. High-resolution surface sensing device using Bragg diffraction from multiplexed holograms in photorefractive crystal 116782
Shiratori, N. *see* Bahadur Bista, B. 87443
Shiratori, N. *see* Chakraborty, G. 87444
Shiratori, N. *see* Go, K. 87440
Shiratori, N. *see* Jokanovic, D.P. 82151
Shirazee, N. *see* Basak, A. 112569
Shirazi, M.N. *see* Noda, H. 108628
Shire, D.B. *see* Parker, M.A. 63386
Shire, D.B. *see* Parker, M.A. 110360
Shire, P. The systematic approach to system engineering training at Sizewell B 81219
Shireen, W., Arefeen, M.S. An utility interactive power electronics interface for alternate/renewable energy systems 112118
Shireman, M.J. *see* Iman, R.L. 73856
Shirer, H.N. *see* Beal, R.C. 111236
Shirer, H.O., Shaw, M.E., McNeff, J.G. The Global Positioning System: management and operation of a dual use system 88753
Shirinskii, S.V. *see* Teslenko, O.A. 71263
Shirinyan, G.O. *see* Ovanesyan, K.L. 92654
Shirk, J.S., Pong, R.G.S., Flom, S.R., Bartoli, F.J., Boyle, M.E., Snow, A.W. Lead phthalocyanine reverse saturable absorption optical limiters 116648
Shirk, J.S. *see* Flom, S.R. 107551
Shirkalin, I.A. *see* Kaganovich, B.M. 70633
Shirlaw, J., Saha, M., Lake, J., Robson, D. Payload technology for rural satellite communications 119091
Shirley, B.L. *see* Maloney, J.G. 97326
Shirmohammadi, D., Filho, X.V., Gorenstin, B., Pereira, M.V.P. Some fundamental, technical concepts about cost based transmission pricing 70832
Shirmohammadi, D. *see* Iravani, M.R. 91033
Shirmulis, E. *see* Ashmontas, S. 114818
Shirochi, Y. *see* Yasuda, A. 89250
Shiroguchi, N. *see* Nagashima, S. 69793
Shiroishi, Y. *see* Tomiyama, F. 75221
Shiroishi, Y. *see* Tsuchiya, R. 115655
Shirokov, A.A. *see* Zarukin, A.I. 69924
Shirokov, M.E. *see* Dimitriev, A.S. 77542
Shirokov, R.V. *see* Karelin, A.V. 75809
Shirokov, V.N. *see* Borodina, E.L. 98278
Shirokov, Yu.V., Kazakov, L.N. Nonlinear dynamics of phase-locked discrete coupled systems 73168
Shiroma, O. *see* Kaneko, S. 108996
Shiroma, T. *see* Senjyu, T. 70695
Shiroma, T. *see* Senjyu, T. 80890
Shiroma, W. *see* Hollung, S. 62193
Shiroma, W. *see* Popovic, Z. 88106
Shiroma, W.A., Bryerton, E.W., Hollung, S., Popovic, Z.B. A quasi-optical receiver with angle diversity 99096
Shirong Zheng *see* Zheng Shirong
Shiroshita, T., Takahashi, O., Yamashita, M. Integrating multimedia applications on high-speed network 78232
Shirota, H., Shibatani, S., Terai, M. A new rip-up and reroute algorithm for very large scale gate arrays 104526
Shirota, K., Yaginuma, M., Ishikawa, K., Takezoe, H., Fukuda, A. Surface orientational distributions of polyimide alignment layer and liquid crystal monolayer under various rubbing conditions studied by second-harmonic generation 85589
Shirota, R. *see* Hemink, G.J. 93392
Shirota, R. *see* Iizuka, H. 93367
Shirota, Y. *see* Noma, N. 81902
Shirota, Y. *see* Tsuzuki, T. 62794
Shirota, Y. *see* Tsuzuki, T. 91733
Shirota, Y. *see* Yoshiiwa, M. 115109
Shiroya, S. *see* Misawa, T. 121326
Shirron, J.J. *see* Romano, A.J. 106793
Shirron, P.J., DiPirro, M.J., Castles, S.H., Bills, B., Ho Jung Paik, Canavan, E.R., Moody, M.V. Mission concepts for the superconducting gravity gradiometer 111156
Shirron, P.J. *see* Canavan, E.R. 111155
Shirron, P.J. *see* Tuttle, J.G. 111055
Shirtcliffe, I., Williams, B.W., Finney, J.S. A 1 MW GTO thyristor DC chopper with snubber passive energy recovery, for an electric locomotive 122044
Shiryaev, P. *see* Borovkov, A.I. 95581
Shiryaev, S.Y. *see* Fyhn, M.F. 82632
Shishatskaya, L.P., Shilina, N.V., Khaplanov, M.G., Gumbel, I. Hydrogen lamp for an optical hygrometer 111193
Shishido, T. *see* Ono, M. 100494
Shishido, Y. *see* Tosaka, S. 111636
Shishiguchi, S. *see* Abiko, H. 84594
Shishiguchi, S. *see* Oguro, S. 62691
Shishikui, Y., Aoki, K., Nakasu, E. A study on effectiveness of bi-directional prediction scheme for moving picture coding: Evaluation of decoded picture quality and its analysis 67198
Shishikui, Y. *see* Kaneko, Y. 108568
Shishikura, M., Nakamura, H., Tanaka, S., Matsuoka, Y., Ono, T., Miyazaki, T., Tsuji, S. High-responsivity low-dark-current InGaAlAs waveguide photodiode with a symmetric double-core for optical access networks 116223
Shishikura, M. *see* Hanatani, S. 64933
Shishikura, M. *see* Tsuji, S. 95687
Shishkanov, E.F. *see* Kuznetsov, A.A. 75784
Shishkanov, E.F. *see* Leont'ev, V.G. 116353
Shishkin, G.I. *see* Farrell, P.A. 82552
Shishkin, V.A. *see* Duraev, V.P. 116544
Shishkoff, A. *see* Markus, K.W. 106286
Shishkov, A.V. *see* Samarkin, V.V. 107084
Shishkov, B.B., Georgiev, T.P., Stoyanov, S.N. Adaptive asymptotic optimal algorithms for detecting signals in autoregressive noise 86293
Shishlov, A. *see* Uhm, M. 85994
Shishov, Yu.A. *see* Anischenko, N.G. 120106
Shishov, Yu.A. *see* Baldin, A.M. 90061
Shiskikui, Y. A study on introduction of power spectrum density model for field merged signal and its analysis 77494
Shitara, T. *see* Tornow, M. 62993
Shitoh, S. *see* Yamada, J. 89494
Shitov, L. *see* Vystavkin, A. 75349
Shitov, S. *see* Tarasov, M. 73702
Shitov, S.V. *see* Koshelets, V.P. 93854
Shiu, J.R. *see* Kang, W.-J. 90517
Shiu Chia-Chang *see* Chia-Chang Shiu
Shiu Jiun *see* Jiun Shiu
Shiu R-Ming *see* R-Ming Shiu
Shiu-Kai Chin *see* Barjaktarovic, M. 67738
Shiu-Yung Lin *see* Ying-Yu Tzou 121932
Shiuan Huei Lin, Ying Wu Lian, Pochi Yeh, Hsu, K.Y., Zhu Yong 2k-grating-assisted self-pumped phase conjugation: theoretical and experimental studies 96705
Shiuan Huei Lin *see* Xianmin Yi 96656
Shiuan-Huei Lin *see* Campbell, C. 84954
Shiuan-Huei Lin *see* Xianmin Yi 84955
Shiue, M.-T., Wang, C.-K. Design of multipurpose digital modulator [for CATV modems] 99779
Shiue, M.-T. *see* Wang, C.-K. 98925
Shiue, Y.S., Matthewson, M.J., Kurkjian, C.R., Biswas, D.R. Strength and surface characterization of aluminum-coated fused silica fibers 84978
Shiue Sham-Tsong *see* Sham-Tsong Shiue
Shiuh-Jeng Wang, Jin-Fu Chang An efficient access control scheme based on arithmetic coding 108181
Shiuh-Jer Huang, Mu-Tyan Yan The adaptive control for a retrofit traditional milling machine 103186
Shiuh-Jer Huang, Yaw-Wen Lin A prototype system of three-dimensional non-contact measurement 68988
Shiuh-Pyng Shieh *see* Hung-Min Sun 76746
Shiuh-Ren Yih *see* Wen-Chau Liu 63829
Shiuh-Sheng Yu, Jinn-Rong Liou, Wen-Chin Chen Computational similarity based on chromatic barycenter algorithm 67363
Shiuh-Yuan Chang *see* Kwang-Lung Lin 115301
Shiun Wang Jiann *see* Jiann Shiun Wang
Shivakumar, N. *see* Agrawal, P. 93344
Shivakumar, N. *see* Cong, J. 63863
Shivakumar, N. *see* Sreenan, C.J. 87673
Shivakumar, P.N., Williams, J.J., Ye, Q., Marinov, C.A. On two-sided bounds related to weakly diagonally dominant M-matrices with application to digital circuit dynamics 61709
Shivakumar, P.N. *see* Marinov, C.A. 82898
Shivakumara Aradhya, R.S. *see* Ranga Swamy, P. 81128
Shivanandan, K., Nyunt, K. Application of an infrared astronomy camera system for photoemission microscopy 106117
Shivaprasad, A.P. *see* Sural, S. 66557
Shive, L.W. *see* Lebens, J.A. 114900
Shive, S.F. *see* Kizilyalli, I.C. 106227
Shiwa, M. *see* Lee, Y.T. 113619
Shiwa, M. *see* Mashino, S. 113517
Shiwa, S., Omura, K., Kishino, F. Proposal for 3D display with accommodative compensation: 3DDAC 89252
Shiwaku, H. *see* Konishi, H. 69911
Shiwei Feng *see* Feng Shiwei
Shiwei Gao, Wong, K.M. Adaptive co-channel interference suppression in mobile communications satellite systems 88315
Shiwei Shu *see* Shu Shiwei
Shiwen Mao *see* Mao Shiwen
Shiwen Shi *see* Shi Shiwen
Shixia Zhao *see* Zhao Shixia
Shixiang Liu *see* Liu Shixiang
Shixiang Tian *see* Tian Shixiang
Shixin Cheng *see* Xian Ji 88327
Shixin Cheng *see* Cheng Shixin
Shixin Yuan *see* Fengyuan Yang 83909
Shixin Yuan *see* Weizhu Lin 105318
Shixin Zhou, Haneishi, H., Miyake, Y. Data compression of electronic endoscope image and its evaluation of image quality 69945
Shixiong Chen *see* Gong-En Gu 96677
Shixiong Dai, Elsherbeni, A.Z., Smith, C.E. The analysis and reduction of crosstalk on coupled microstrip lines using nonuniform FDTD formulation 83487
Shixue Dou *see* Dou Shixue
Shixun Ye *see* Ye Shixun

Shixun Zhang *see* Zhang Shixun
Shiyan Pei Number of samples required for a given accuracy and confidence level under a certain noise environment 60673
Shiyang Zhu *see* Chenglu Lin 84022
Shiyanov, A.I., Medvedev, V.A., Zotov, Ye.A. Design and testing of a two-coordinate linear electric drive 103080
Shiyaptsev, V.N. *see* Tomasel, F.G. 116346
Shiyi, M. *see* Yonghoug, H. 78988
Shiyi Mao *see* Mao Shiyi
Shiyi Xu, Dias, G.P. Testability forecasting for sequential circuits 61756
Shiyong Liu *see* Yi Yang 85308
Shiyong Liu *see* Liu Shiyong
Shiyou Yang *see* Yang Shiyou
Shiyou Zhao, Xingze Lu, Fulong Zhang, Hongbing Jiang, Wencheng Wang, Xiaoyuan Hou, Xun Wang Transient photovoltaic investigations of a Schottky-type porous silicon diode 63571
Shiyu Li *see* Li Shiyu
Shiyu Sun *see* Sun Shiyu
Shiyu Zeng, Zeng, H.H., Lang Tong Blind channel estimation by constrained optimization 117120
Shiyu Zeng, Zeng, H.H., Lang Tong Blind channel equalization via multiobjective optimization 117923
Shiyu Zhang, Shannon, R.R. Lens design using a minimum number of glasses 85230
Shiyuan Yang *see* Yang Shiyuan
Shizhang Feng *see* Feng Shizhang
Shizheng Hu *see* Hu Shizheng
Shizhong Liu *see* Liu Shizhong
Shizhong Yang *see* Yang Shizhong
Shizhuo Yin *see* Mingzhe Lu 117762
Shizuki, Y. *see* Miyagi, T. 114331
Shkel, A.M., Lumelsky, V.J. On calculation of optimal paths with constrained curvature: the case of long paths 82429
Shkel, Y.M., Klingenberg, D.J. Material parameters for electrostriction 115396
Shkelev, E.I., Kislyakov, A.G., Savel'ev, D.V. A spectrometer for the 3-mm band with parallel and series analysis 80646
Shkil', V.M., Ryzhak, A.V. Diffraction of plane waves by an echelette with multilayered dielectric inclusion 85848
Shklyaev, A.A., Suzuki, T. Initial reactive sticking coefficient of O_2 on Si(111)-7×7 at elevated temperatures 74115
Shklyaev, A.A., Suzuki, T. Kinetics of initial oxidation of the Si(111)-7×7 surface near the critical conditions 94753
Shklyar, D.R. *see* Shinohara, N. 116892
Shklyar, S.V. *see* Kalenik, S.T. 66764
Shkola, I.I. *see* Pantskhava, E.S. 102421
Shkol'nik, V.S. *see* Elliott, S.R. 80104
Shkunov, V.V. *see* Mamaev, A.V. 116690
Shkuratov, S.I., Dorofeev, I.A., Shilimanov, S.N., Polushkin, N.I., Pesterev, S.V., Salaschenko, N.N., Ivanov, S.N. Fabrication of metallic tip emitters using the scanning tunneling microscope 73956
Shkuratov, S.I., Ivanov, S.N., Shilimanov, S.N. Field emission lab: field emission spectrometer combined with field ion/electron microscope 114547
Shkvarunets, A.G. A broadband microwave calorimeter of large cross section 119855
Shlager, K.L., Smith, G.S., Maloney, J.G. TEM horn antenna for pulse radiation: an improved design 76565
Shlager, K.L., Smith, G.S., Maloney, J.G. Accurate analysis of TEM horn antennas for pulse radiation 108028
Shlapakovskii, A.S. Wideband relativistic microwave amplifiers: dielectric or periodic retarding structures? 114529
Shlapentokh, A. Diophantine undecidability over algebraic function fields over finite fields of constants 82418
Shleenkov, A.S. *see* Krotov, L.N. 113581
Shleifer, M. *see* Dilmanian, F.A. 90434
Shlepnev, I.O. *see* Chugunov, A.A. 93004
Shlimak, I., Kaveh, M., Ussyshkin, R., Ginodman, V., Resnick, L. Determination of the critical conductivity exponent for the metal-insulator transition at nonzero temperatures: universality of the transition 94287
Shlmokawa, F. *see* Furuya, A. 115386
Shlmozawa, M. *see* Itoh, K. 83538
Shloma, A.M., Smerdova, N.E. The use of control theory to synthesize phase-locked systems 78378
Shlomot, E. *see* Hsueh, A. 98952
Shlyagin, M., Khomenko, A., Tentori, D. Simultaneous strain and temperature sensing employing mode interference in polarization-maintaining fiber 119699
Shlyahturov, V. *see* Gektin, A. 80053
Shlyakhtenko, P.G. A new method and device for controlling the electric properties of powder quasi-electric structure 92970
Shlyapnikov, A.A. Testing a medium-resolution television spectrometer 88864
Shlyaptsev, V.N. *see* Rocca, J.J. 65019
Shlyaptsev, V.N. *see* Rocca, J.J. 75819
Shlychkov, V.I. Analysis of accuracy characteristics of laser meters for monitoring of geometrical dimensions 110362
Shmakov, M.S. *see* Panasyuk, A.I. 91496
Shmalhausen, V.I., Koryabin, A.V. Influence of phase distortions correlation on imaging of extended objects 86902
Shmelev, G.M. *see* Epshtein, E.M. 74417
Shmelev, P.V., McInerney, M.F., Khorana, B.M. Detection of defects in thin plastic film using neural net approach 77125
Shmelev, S.S. *see* Ignat'ev, A.S. 116101
Shmelev, V.E., Sbitnev, S.A. Dynamic properties of the magnetic systems of electromechanical converters 81931
Shmelev, V.V. Multiplicative method of exact penalty functions for linear and integer linear programming problems 113179
Shmeleva, A. *see* Akesson, T. 69833
Shmelyova, G.A. *see* Nikanorov, V.V. 102662
Shmidt, N.M. *see* Kamanin, A.V. 105557
Shmidt, N.M. *see* Kamanin, A.V. 114868
Shmidt, N.M. *see* Zhmerik, V.N. 74537
Shmigol', I.N., Sedman, Ch., Marchant, G.H., Soldatenko, V.F. Simplified wet-and-dry desulfurization of the flue gases of thermal power stations 121338
Shmilaitz, D., Singer, S. A converter topology with gyrator characteristics 121605
Shmilovitz, D., Singer, S. Energy compression by means of a switched mode topology of transmission lines 121673
Shmoys, J. *see* Ke, M.K. 100771
Shmulevich, I. *see* Noyman, Y. 109749
Shmulovich, J., Ghosh, R.N., Kane, C.F., deBarros, M.R.X., Nykolak, G., Bruce, A.J., Gates, J.V. Planar Er waveguide amplifier with 8-mW threshold 85437
Shmulovich, J. *see* Gates, J.V. 72294
Shmykov, V.N. *see* Konyashenko, E.A. 86002
Shneiderman, B. *see* Donn, K. 78021
Shneidman, V.A. Interplay of latent heat and time-dependent nucleation effects following pulsed-laser melting of a thin silicon film 94226
Shneier, M., Abdel-Mottaleb, M. Exploiting the JPEG compression scheme for image retrieval 98229
Shnitnikov, A.S. *see* Lebedev, I.V. 62245
Shnitnikov, A.S. *see* Lebedev, I.V. 73699
Shnitnikov, A.S. *see* Lebedev, L.V. 74695
Shoaee, H. *see* Chowdhary, M. 100522
Shoaee, H. *see* Hendrickson, L. 100556
Shoaei, O., Snelgrove, W.M. A wide-range tunable 25 MHz-110 MHz BiCMOS continuous-time filter 104701
Shobatake, K. *see* Ishiguro, E. 84145
Shobatake, K. *see* Ohashi, H. 74590
Shobatake, K. *see* Ohashi, H. 84144
Shobatake, Y., Kamitake, T. A large-scale asynchronous transfer mode switch architecture 67538
Shobert, E.I., II Sliding electrical contacts 62410
Shock, C.T., Chialin Chang, Davis, L., Goward, S., Saltz, J., Sussman, A. A high performance image database system for remote sensing 66864
Shock, D., Frick, M., Douglass, K. Comparison of rural remote site production of digital images employing a film digitizer or a computed radiography (CR) system 110805
Shoda, C. *see* Panaretos, S. 97365
Shoda, N. *see* Cote, D. 106195
Shodai, T., Sakurai, Y., Okada, S., Nemoto, Y., Yamaki, J. Amorphous $V_2O_5(-P_2O_5)$ and WO_2 as insertion anodes for lithium-ion batteries 81677
Shoemaker, S. *see* Guard, R. 111016
Shoga, M. *see* Normand, E. 70338
Shogen, K. *see* Mitsumoto, H. 109903
Shohata, N. *see* Aikawa, Y. 85253
Shohata, N. *see* Koike, H. 75061
Shohet, J.L. *see* Friedmann, J.B. 63134
Shohet, J.L. *see* Friedmann, J.B. 105670
Shohet, J.L. *see* Nauka, K. 106127
Shohet, J.L. *see* Snodgrass, T.G. 114872
Shohet, J.L. *see* Speth, R.R. 114871
Shoho, T., Morinaga, K. Fabrication of electrolyte for SOFC by extrusion 81783
Shohon, T., Ogiwara, H. Multilevel coding with adaptive equalization and interleaving for fading channel 118830
Shoji, A. *see* Ohkubo, M. 90244
Shoji, D. *see* Enta, Y. 82656
Shoji, D. *see* Miura, T. 105701
Shoji, D. *see* Miura, T.A. 63309
Shoji, H., Nakata, Y., Mukai, K., Sugiyama, Y., Sugawara, M., Yokoyama, N., Ishikawa, H. Self-formed InGaAs quantum dot lasers with multi-stacked dot layer 96278
Shoji, H., Nakata, Y., Mukai, K., Sugiyama, Y., Sugawara, M., Yokoyama, N., Ishikawa, H. Room temperature CW operation at the ground state of self-formed quantum dot lasers with multi-stacked dot layer 116493
Shoji, H., Otsubo, K., Kusunoki, T., Suzuki, T., Uchida, T., Ishikawa, H. $In_{0.38}Ga_{0.62}As$/InAlGaAs/InGaP strained double quantum well lasers on $In_{0.21}Ga_{0.79}As$ ternary substrate 85470
Shoji, H. *see* Kuwatsuka, H. 78802
Shoji, H. *see* Takahashi, M. 64327
Shoji, M., Ohmori, H., Yamamoto, T., Kobayashi, T., Okazaki, Y., Sugiyama, Y., Hayashi, K., Yamauchi, H., Sakai, S., Yoshida, T. A multi-track magnetic recording head for a helical-scan tape system 115665
Shoji, M. *see* Ohmori, H. 75099
Shoji, T. *see* Senda, I. 95599
Shoji, Y. *see* Blaskiewicz, M. 79925
Shoji, Y. *see* Katagiri, K. 64521
Shoji, Y. *see* Sakai, I. 100718
Shoji, Y. *see* Sato, H. 100717
Shoji, Y. *see* Tadokoro, M. 121753
Shokalo, V.M. *see* Shifrin, Y.S. 61625
Shokhor, S. *see* Nadgomy, B. 115944
Shoki, T. *see* Tsuboi, S. 74657
Shokir, I. *see* Hanson, D.L. 110514
Shokoohi, F.K. *see* Gozdz, A.S. 81695
Shokoohi, F.K. *see* Schmutz, C. 81687
Shokralla, S.S., Sharaf, A.M., El-Ghaffar, A.S. Efficient power tracking using an error driven modulated passive filter 73524
Shokrollahi, M.A. Stickelberger codes 117248
Sholander, P.E., Owen, H.L. Mapping wander in SONET/SDH fixed threshold and uniform pointer processors 77596
Sholley, M., Alvarez, R., Leary, T., Renkowitz, D., Schell, S., Wendel, L., Cisneros, D., Brunner, W., Osgood, B., Gage, C., Alley, J., Cazares, T., Yocum, P. W-band collision avoidance radar for light rail applications 88699
Sholokh, V.F. *see* Syt'ko, V.V. 79700
Shon, D.I. *see* Hong, Y.I. 104909
Shon, J.W. *see* Meeks, E. 63407
Shon, S., Flake, R., Wong, A. Estimation of TAB inner lead bond quality utilizing thermal time domain reflectometry (TTDR) 82229
Shon, S., Flake, R., Wong, A. Package and module substrate interconnect evaluation by thermal time domain reflectometry (TTDR) 89541
Shone, K. *see* Takakubo, H. 66540
Shong Kuo Mei *see* Mei Shong Kuo
Shongjiao Shi *see* Shi Shongjiao
Shono, K. *see* Cong-Kha Pham 114011
Shono, K. *see* Jun-Qi Zhu 74831
Shono, M. *see* Bessho, Y. 65252
Shono, Y. *see* Okamoto, S. 75477
Shono, Y. *see* Okamoto, S. 75478
Shono, Y. *see* Okamoto, S. 81090
Shono, Y. *see* Terada, S. 79604
Shontya, V.P. *see* Tiginyanu, I.M. 103908
Shook, R.L., Conrad, T.R., Sastry, V.S., Steele, D.B. Diffusion model to derate moisture sensitive surface mount IC's for factory use conditions 82267
Shook, R.L. *see* Sastry, V.S. 92247
Shook, S.G. *see* Schwartz, D.B. 96052
Shoon-Jinn Chang, Jinn-Kong Sheu, Yan-Kuin Su, Ming-Jiunn Jou, Gou-Chung Chi AlGaInP/GaP light-emitting diodes fabricated by wafer direct bonding technology 106996
Shopbell, P. *see* Bergman, L.A. 109585
Shopshin, M.F. *see* Baiburin, V.B. 110079
Shor, P.W. *see* DiVincenzo, D.P. 117258
Shore, B.W., Feit, M.D., Perry, M.D., Boyd, R.D., Britten, J.A., Chow, R., Loomis, G.E., Lifeng Li Electric field enhancement in metallic and multilayer dielectric gratings 96580
Shore, B.W., Stuart, B.C., Feit, M.D., Rubenchik, A.M., Perry, M.D. Laser induced damage in multilayer dielectric gratings due to ultrashort laser pulses 96585
Shore, B.W. *see* Britten, J.A. 85734
Shore, B.W. *see* Britten, J.A. 107472
Shore, B.W. *see* Britten, J.A. 115984
Shore, B.W. *see* Stuart, B.C. 107477
Shore, K.A., Chen, X., Blood, P. Frequency doubling and sum frequency generation in semiconductor optical waveguide devices 85722
Shore, K.A. *see* Tang, J.M. 85514
Shore, K.A. *see* Valle, A. 107305
Shore, K.A. *see* Valle, A. 107348
Shore, K.A. *see* Yee, W.M. 107224
Shore, K.A. *see* Yee, W.M. 107226
Shore, R.A., Hansen, T.B. Numerical evaluation of the derivative of the parabolic cylinder function 107839
Shore, T. Independent training schemes covering equipment in flammable atmospheres 60529
Shoren-Chien Hung *see* Shih-Chu Huang 79512
Shorin, V.N. *see* Mazur, M.M. 119917
Short, C.L., Guegan, P., Gutfleisch, O., Ragg, O.M., Harris, I.R. HDDR processes in $Nd_{16}Fe_{76-x}Zr_xB_8$ alloys and the production of anisotropic magnets 115504
Short, J. *see* Jain, R. 87669
Short, J. *see* Vancauwenberghe, O. 88992
Short, N.M., Jr., Manohar, M., Tilton, J.C. Planning/scheduling techniques for VQ-based image compression 66951
Short, S.W. *see* Xin, S.H. 82699
Short, S.X., Mamishev, A.V., Kao, T.W., Russell, B.D. Evaluation of methods for discrimination of energized underground power cables 111630
Short, S.X. *see* Mamishev, A.V. 70911
Short, T. *see* Garcia, P. 111580
Short, T.A., Warren, C.A., Burke, J.J., Burns, C.W., Godlewski, J.R., Graydon, F., Jr., Morosini, H. Application of surge arresters to a 115-kV circuit 122110
Short, T.G. *see* Critchley, L.A.H. 90528
Shorthouse, G. *see* Rekonen, H. 114254
Shoshani, Z. *see* Nathan, M. 115132
Shostak, S. SETI at wider bandwidths? 79110
Shotsky, J. *see* Martinson, J. 61557
Shotter, A.C. *see* Catford, W.N. 69884
Shotzman, G. *see* Teodorescu, R. 95546
Shou Lun Cai *see* Cai Shou Lun

Shou-Chen Hsu *see* Jen-Jyh Hwang 71116
Shou-Shan Fan *see* Xin-Rong Wang 103832
Shou-Wan Kang, Tian-Fang Cai Relation between the number of layers and calculating error in the multilayer "staircase" approximation method 75543
Shou-Zen Chang, Tien-Chih Chang, Si-Chen Lee A method to tune the island size and improve the uniformity for the in situ formation of InGaAs quantum dots on GaAs 61169
Shouan Zhao *see* Zhao Shouan
Shoubuzawa, Y. *see* Kashiwaba, Y. 94565
Shoucri, M. *see* Ghizzo, A. 79842
Shoucri, M.M. *see* Dow, G.S. 89157
Shoude Chang, Boothroyd, S., Palacharla, P., Pachanathan, S. Rotation-invariant pattern recognition using a joint transform correlator 77251
Shoufu Pan *see* Pan Shoufu
Shoujue Wang *see* Wang Shoujue
Shouke Wan *see* Wan Shouke
Shoukry, S.N., Martinelli, D., Varadarajan, S.T., Halabe, U.B. Radar signal interpretation using neural network for defect detection in concrete 68624
Shoulin Dong *see* Surong Zhao 62641
Shoults, R.R. *see* Liu, K. 70795
Shoumei Li, Ogura, Y. A convergence theorem of fuzzy martingales 113105
Shoumura, R. *see* Ohashi, T. 99891
Shouno, K. *see* Ishibashi, Y. 62021
Shouno, K. *see* Tsuduki, K. 62009
Shoup, V. On the security of a practical identification scheme 76836
Shoup, V. On fast and provably secure message authentication based on universal hashing 97509
Shoup, V., Rubin, A. Session key distribution using smart cards 76834
Shoupu Chen, Kazi, Z., Beitler, M., Salganicoff, M., Chester, D., Foulds, R. Gesture-speech based HMI for a rehabilitation robot 101441
Shourthouse, G.P. *see* Hong Huang 94143
Shousen Song *see* Luguang Yan 95554
Shousheng He, Torkelson, M. Computing partial DFT for comb spectrum evaluation 76695
Shousheng He, Torkelson, M. VLSI computation of the partial DFT for (de)modulation in multi-channel OFDM system 93433
Shousheng He, Torkelson, M. A complex array multiplier using distributed arithmetic 104519
Shousun Chen *see* Chen Shousun
Shouwan Kang *see* Kang Shouwan
Shouwen Yu *see* Yu Shouwen
Shouyao Sun *see* Sun Shouyao
Shouyi Xu *see* Xu Shouyi
Shouyu Sun *see* Sun Shouyu
Shouyuan Wu *see* Wu Shouyuan
Shovgenyuk, M.V. *see* Dovhii, Ya.O. 86908
Show, Y., Iwase, M., Izumi, T. Structural characterization of CVD diamond films using the ESR method 83799
Show, Y. *see* Shimasaki, M. 64908
Show, Y. *see* Wakaki, M. 92819
Show I-Lung *see* I-Lung Show
Show-Ching Huang Taipower's nuclear and fossil power projects 102457
Shoyama, M., Kurachi, T., Ninomiya, T. Ripple current analysis of an electrolytic capacitor in power factor correctors 102935
Shoyama, M. *see* Kohama, T. 121780
Shoyama, M. *see* Mizoguchi, T. 82934
Shoyama, M. *see* Zaitsu, T. 61607
Shoyama, M. *see* Zaitsu, T. 121571
Shozawa, T. *see* Ueda, T. 116579
Shpak, A. *see* Bulyak, E. 80149
Shpak, A. *see* Karnaukhov, I. 79776
Shpak, D. *see* El Guibaly, F. 88026
Shpak, D.J. *see* Subramanian, S. 88118
Shpeherd, J. *see* Ngu, A.H.H. 77934
Shpeizman, V.V. *see* Gusev, V.K. 107815
Shpeizman, V.V. *see* Kavin, A.A. 102774
Shpilevoj, B.N. *see* Chtchoupak, O.S. 101414
Shpilevoy, P.B. *see* Lebedeva, T.S. 95490
Shpil'rain, E.E. *see* Dobrokhotov, V.I. 102350
Shpinar, L.I. *see* Kabaldin, A.N. 105100
Shpin'kov, I. *see* Danilkin, M. 75713
Shpin'kova, L. *see* Danilkin, M. 75713
Shpitalni, M., Lipson, H. Identification of faces in a 2D line drawing projection of a wireframe object 117826
Shrager, J. *see* Oliver, A. 77244
Shragowitz, E., Jun-Yong Lee, Kang, E.Q. Application of fuzzy logic in computer-aided design of digital systems 104277
Shragowitz, E. *see* Jun-Yong Lee 104456
Shramenko, M.V. *see* Batovrin, V.K. 64966
Shramenko, M.V. *see* Batovrin, V.K. 65250
Shramenko, M.V. *see* Batovrin, V.K. 107331
Shramkov, V.M. *see* Pantskhava, E.S. 102421
Shrawagi, B.E. *see* Kahalekar, S.G. 120324
Shreedhar, M., Varghese, G. Efficient fair queuing using deficit round-robin 77713
Shreeve, R. *see* Kudva, S.M. 92351
Shrestha, G., Choi, S.S., Jiang, F. Improving transmission system stability using variable series compensation 80889
Shrestha, G. *see* Choi, S.S. 101820
Shrestha, G.B. *see* Goel, L. 92092
Shrestha, R.M. *see* Sarkar, A. 121040
Shridhar, L., Sarkar, S., Panjani, A.K. Design considerations in wind generators 81370
Shridhar, L., Singh, B., Jha, C.S. An improved induction generator for isolated applications 121479
Shridhar, L., Singh, B., Jha, C.S. Options for single-phase power generation in isolated applications using cage generators 121480
Shridhar, M. *see* Belkasim, S.O. 82361
Shridhara, K.A. *see* Kibe, S.V. 88780
Shrinet, V. Conducting polymers: the future conductor of electricity 82778
Shrinet, V., Krishnamoorthy, P.A. A detailed study on the compatibility of polyester based magnet wire with various impregnants 81411
Shrinsky, A.N. *see* Kezerashvili, G.Ya. 120092
Shrivastav, R., Devernay, J.-M., Cailmail, X. Electricite de France's hydro engineering on the international scene 111825
Shrivastava, M.K., Kalla, M.K.H., Abroal, C.V., Sarkar, B. Microprocessor based dual converter control of on line tube cutting machine 122105
Shrivastava, P.N., Petrovich, Z.P., Boswell, W.D., Jr., George, F.W., III., Chow, E.T. USC-ABC ATMnet for radiation treatment planning 110893
Shrivastava, Y. *see* Dasgupta, S. 66375
Shriver, D. *see* Thomas, J.A. 112288
Shriver, D.F. *see* Rawsky, G.C. 112291
Shroff, N., Schwartz, M. Improved loss calculations at an ATM multiplexer 87333
Shroff, N., Schwartz, M. Characterizing highly correlated video traffic in high-speed asynchronous transfer mode networks 109159
Shroff, N. *see* Ting-Li Ling 87304
Shrout, T.R. *see* Mulvihill, M.L. 92660
Shrout, T.R. *see* Zipparo, M.J. 106319
Shtaif, M., Eisenstein, G. Four wave mixing between short pulses in a semiconductor optical amplifier 65238
Shtaif, M., Eisenstein, G. Calculation of bit error rates in all-optical signal processing applications exploiting nondegenerate few-wave mixing in semiconductor optical amplifiers 107306
Shtaif, M., Eisenstein, G. Noise characteristics of nonlinear semiconductor optical amplifiers in the Gaussian limit 116479
Shtarkov, Y.M. *see* Willems, F.M.J. 97550
Shteinshleiger, V.B., Kurochkin, A.P., Los, V.F., Melnikov, L.Y., Misezhnikov, G.S., Polovkov, I.P. Some microwave aspects of a space-based radar 68665
Shteinshleiger, V.B. *see* Melnikov, L.Ya. 70592
Shtelmakh, S.V. *see* Lemanov, V.V. 113358
Shtengel, G. *see* Morton, P.A. 65369
Shtengel, G.E., Ackerman, D.A., Morton, P.A., Flynn, E.J., Hybertsen, H.S. Correction of carrier lifetime measurements of semiconductor lasers 65198
Shtengel, G.E. *see* Ackerman, D.A. 96360
Shtengel, G.E. *see* Hybertsen, M.S. 96350
Shtengel, G.E. *see* Morton, P.A. 107235
Shtern, G.P. *see* Mamatov, Yu.A. 62097
Shtern, G.P. *see* Mamatov, Yu.A. 73600
Shterngartz, V. *see* Abramovich, A. 96078
Shterngartz, V. *see* Arensburg, A. 96443
Shtessel, Y.B. *see* Youngju Lee 71361
Shtilerman, J.Z., Iogansen, V.I., Kadi-Ogly, I.A. The development of fretting fatigue theory and its application to fatigue strength analysis of large turbogenerator rotors 91456
Shtraus, V.D. Sampling relaxation signals 117442
Shtrikman, H. *see* Berk, Y. 105359
Shtrikman, H. *see* Messica, A. 105397
Shtrikman, H. *see* Reznikov, M. 63825
Shtrikman, H. *see* Yacoby, A. 62977
Shtrikman, S., Smith, D.R. Analytical formulas for the unshielded magnetoresistive head 64418
Shtrikman, S. *see* Peleg, N. 115474
Shtrobel, V.A. *see* Gerikh, V.P. 101688
Shtrobel, V.A. *see* Malik, O.P. 70720
Shtutina, S. *see* Eisenberg, N.P. 95912
Shu, C., Lee, Y.C. Tunable dual-wavelength picosecond optical pulses generated from a self-injection-seeded laser diode 119256
Shu, C., Yip-Chi Lee Tunable dual-wavelength picosecond optical pulses generated from a self-injection seeded gain-switched laser diode 116548
Shu, C. *see* Lee, K.S. 75644
Shu, C. *see* Lee, Y.C. 96386
Shu, D. *see* Lumpkin, A. 100419
Shu, E. *see* Mojtahedi, H.A. 120514
Shu, J Error diffusion with vivid color enhancement and noise reduction 108543
Shu, J., Wilson, T.C., Banerji, D.K. Instruction-set matching and GA-based selection for embedded-processor code generation 93495
Shu, L.H., Christou, A., Barbe, D.F. High temperature device simulation and thermal characteristics of GaAs MESFETs on CVD diamond substrates 84490
Shu, L.H., Wallace, D.R. Probabilistic methods in life-cycle design 72225
Shu, P. *see* Hamel, L.A. 80067
Shu, P. *see* Hamel, L.A. 100831
Shu, P.K. *see* Huang, Z.C. 89108
Shu, P.K. *see* Huang, Z.C. 99989
Shu, Q., Rand, S.C. Critical slowing down and off-resonant enhancement of avalanche nonlinearities 96736
Shu, Q., Rand, S.C. Self-locking and self-pulsing of an avalanche upconversion cavity 107427
Shu, Q.S., Deppe, G., Moeller, W.-D., Pekeler, M., Proch, D., Renken, D., Stein, P., Stolzenburg, C., Junquera, T., Caruette, A., Fouaidy, M. An advanced rotating T-R mapping and its diagnoses of TESLA 9-cell superconducting cavity 100497
Shu, Q.S. *see* Junquera, T. 100373
Shu, W.K. PBGA wire bonding development 114464
Shu, Z. *see* Davidson, I. 112240
Shu, Z.X., McMillan, R.S., Murray, J.J. A proprietary electrolyte system for graphite electrode 81699
Shu, Z.X., McMillan, R.S., Murray, J.J., Davidson, I.J. Use of chloroethylene carbonate as an electrolyte solvent for a graphite anode in a lithium-ion battery 102952
Shu Chang *see* Xu Shouyi 87095
Shu Lin *see* Fossorier, M.P.C. 66278
Shu Lin *see* Fossorier, M.P.C. 66453
Shu Lin *see* Fossorier, M.P.C. 108176
Shu Qin, Yuanzhong Zhou, Chung Chan Study of high efficient Plasma Immersion Ion Implantation hydrogenation for CMOS poly-Si TFTs using an ICP plasma source 105562
Shu Qin *see* Bernstein, J.D. 63250
Shu Qin *see* Linggen Song 114870
Shu Qingming *see* Qingming Shu
Shu Shiwei *see* Xiao Yongxin 99631
Shu Tzi-Hsiung *see* Tzi-Hsiung Shu
Shu Xia *see* Xia Shu
Shu Xiaojian, Ding Wu, Wang Yuanzhang, Zhang Zhichou, Yao Jun INEX simulation method of a far-infrared free electron laser 116576
Shu Xiaojian *see* Ding Wu 107368
Shu Xiaojian *see* Ding Wu 116577
Shu-Ang Zhou Some physical limits in switching technologies 118630
Shu-Cherng Fang, Jacob Tsao, H.-S. Solving linear programs with inequality constraints via perturbation of feasible region 82479
Shu-Cherng Fang, Tsao, H.-S.J. An efficient computational procedure for solving entropy optimization problems with infinitely many linear constraints 92497
Shu-Cherng Fang, Tsao, H.-S.J. A dual perturbation view of linear programming 103681
Shu-Chuan Huang Design of low-voltage linear tunable CMOS V-I converters with a rail-to-rail input range 106234
Shu-Chuan Huang, Ismail, M., Wassenaar, R.F. Analysis and CAD implementation techniques of total harmonic distortion in analog VLSI circuits 104726
Shu-Fang Luo *see* Weiss, M.N. 79321
Shu-Hong Wang BEPC status and plans 79823
Shu-Hsiang Lou *see* Yueh, S.H. 111293
Shu-Hsun Chu *see* Jia-Shing Liu 80484
Shu-Lin Chou *see* Tzong-Chen Wu 118150
Shu-Ming Yeh *see* Sheau-Shong Bor 97025
Shu-Ming Yeh *see* Sheau-Shong Bor 107852
Shu-Shaw Wang *see* Day, R.W. 95933
Shu-Yu Lin *see* Wei-Chung Wang 100364
Shu-Yuan Chin, Chung-Yu Wu A CMOS ratio-independent and gain-insensitive algorithmic analog-to-digital converter 93523
Shu-Yuh Lin *see* Win-Li Lin 120488
Shu-Zhao Huang *see* Wang, C. 77451
Shuai, Z. *see* Cornil, J. 96021
Shuai Jianwei, Chen Zhenxiang, Liu Ruitang, Wu Boxi The computer simulation investigation of the Hamilton neural network model 77114
Shuaibov, A.K., Minya, A.I., Zvenigorodskii, V.V., Shevera, V.S. Bipolar corona discharge in the working media of N_2 and CO lasers 107123
Shuang Deng Capture effect in residential Ethernet LAN 78099
Shuang Deng, Bugos, A.R., Hill, P.M. Design and evaluation of an Ethernet-based residential network 98643
Shuang Deng *see* Olshansky, R. 118430
Shuang-Ren Zhao, Halling, H. Reconstruction of cone beam projections with free source path by a generalized Fourier method 80307
Shuang-Shuang Zhang *see* Genest, C. 82389
Shuangchen Ruan *see* Ruan Shuangchen
Shuanghong Ding *see* Ding Shuanghong
Shuanghua Dai *see* Yongzhong Song 82535
Shuanghui Shi *see* Shi Shuanghui
Shuangquan Min *see* Min Shuangquan
Shuangxi Zhou *see* Zhou Shuangxi
Shuanke Yang *see* Zongren Peng 64051
Shuanyi Du *see* Kechu Yi 76886
Shubha, Lohani, R.B., Khan, R.U., Pal, B.B. Effect of concentration dependent carrier mobility and life time on GaAs OPFET characteristics 106094
Shubik, M. Why equilibrium? a note on the non-cooperative equilibria of some matrix games 72459
Shubina, T.V. *see* Cao, S.M. 114765
Shubina, T.V. *see* Toropov, A.A. 63007
Shubina, T.V. *see* Toropov, A.A. 75930
Shubnikov, E.I. The beta distribution for correlation comparison of images 86310
Shubnikov, E.I. Investigation of states of neural networks on the basis of correlation optics 108468
Shuchun Chen *see* Chen Shuchun
Shuck, C.C. *see* Lo, J. 98139
Shudan Zhang *see* Zhang Shudan
Shudo, K. *see* Hirayama, H. 109928
Shudo, K. *see* Hirohata, N. 119502

Shudo, K. *see* Yoshmura, K. 66585
Shudong Liu *see* Liu Shudong
Shue-Lee Chang, Ogunfunmi, T. A fast DCT (Feig's algorithm) implementation and application in MPEG1 video compression 97966
Shuenn-Yuh Lee *see* Kuan-Dar Chen 114066
Shufang Luo *see* Lo, K.P. 79492
Shufelt, J.A. *see* McKeown, D.M. 70551
Shufu Jin *see* Jin Shufu
Shugong Xu, Zailu Huang Performance analysis of leaky bucket policing with priority management on ATM networks 117969
Shugong Xu, Zailu Huang A novel VBR video model on ATM networks 118021
Shuguang Chen, Sato, Y., Oodo, M., Ando, M. Physical optics analysis of dipole-wave scattering from a finite strip array on a grounded dielectric slab 116872
Shugurov, V. *see* Knishevskaya, L. 76534
Shuh, D.K. *see* Simpson, W.C. 94325
Shuh, D.K. *see* Sutherland, D.G.J. 84146
Shuhong Zhang *see* Jun Zhi 84233
Shuhuai Wen *see* Wen Shuhuai
Shui, Y. *see* Mao, Y. 111360
Shui, Y. *see* Zhang, C. 106411
Shui Sheng Qiu *see* Qiu Shui Sheng
Shui Xiaoping *see* Xiaoping Shui
Shui Yongan *see* Yongan Shui
Shui-Jinn Wang, Jia-Chuan Lin, Wan-Rone Liou, Mei-Ling Yee, Ying-Che Luo, Ching-Yuan Cheng Influences of interface roughness scattering on asymmetric and/or steplike current-voltage characteristics of resonant tunneling diodes 94893
Shui-Nee Chow, Mallet-Paret, J., Van Vleck, E.S. Pattern formation and spatial chaos in spatially discrete evolution equations 92494
Shui-Sheng Chen *see* Chen Shui-Sheng
Shui-Yuan Yang *see* Sheau-Shong Bor 97025
Shui-Yuan Yang *see* Sheau-Shong Bor 107852
Shuicai Wang *see* Wang Shuicai
Shuih-Jong Yih *see* Chang, M. 113837
Shuilian Chen *see* Chen Shuilian
Shuisheng Jian *see* Jian Shuisheng
Shuisheng Sun *see* Sun Shuisheng
Shujian Li *see* Li Shujian
Shujie Lin, Suzuki, T. Tunable picosecond mid-infrared pulses generated by optical parametric generation/amplification in MgO:LiNbO$_3$ crystals 65442
Shujing Zhang *see* Zhang Shujing
Shujun, X., Weijiang, Z., Maoguang, W. An approach to RCS computation based on Auto CAD modelling 78992
Shujun Ding *see* Yongbi, M.N. 90385
Shujun Xiao, Vahldieck, R. Signal propagation in conductor-backed superconductor coplanar waveguides 65947
Shujun Xiao, Vahldieck, R., Hesselbarth, J. Analysis of cylindrical transmission lines with the method of lines 97202
Shujun Yin *see* Weitang Li 80061
Shujun Yin *see* Weitang Li 100828
Shuk, P., Ramanujachary, K.V., Greenblatt, M. ph sensors with samarium stabilized ceria membrane 119594
Shukeilo, I. *see* Kashikhin, V. 90059
Shukeilo, I. *see* Moser, H.O. 79772
Shukhat, B. Labels evaluation for the fuzzy patterns recognition 97960
Shukla, A.K. *see* Ravikumar, M.K. 121864
Shukla, D.K., Singh, D.N., Datta, D. Study of snap-back characteristics in a 1.2 micron salicide process 105746
Shukla, D.R., Vizzini, A.J. Interlacing for improved performance of laminates with embedded devices 61461
Shukla, N. *see* Zhang, J. 61290
Shukla, N. *see* Zhang, J. 103864
Shukla, P.K., Choudhury, P.K., Khastgir, P., Ojha, S.P. Power distribution in three-layer planar dielectric guide with small circular deformation 75552
Shukla, R. EMI sources, transients related to lightning and EMP 76446
Shukla, V. *see* Man Li 118141
Shukui Zhang *see* Zhang Shukui
Shul, R.J., Howard, A.J., Vartuli, C.B., Bames, P.A., Seng, W. Temperature dependent electron cyclotron resonance etching of InP, GaP, and GaAs 84141
Shul, R.J., McClellan, G.B., Casalnuovo, S.A., Rieger, D.J., Pearton, S.J., Constantine, C., Barratt, C., Karlicek, R.F., Jr., Tran, C., Schurman, M. Inductively coupled plasma etching of GaN 94782
Shul, R.J., McClellan, G.B., Pearton, S.J., Abernathy, C.R., Constantine, C., Barratt, C. Comparison of dry etch techniques for GaN 84187
Shul, R.J. *see* Lovejoy, M.L. 119227
Shul, R.J. *see* Mileham, J.R. 84119
Shul, R.J. *see* Pearton, S.J. 74521
Shul, R.J. *see* Pearton, S.J. 84080
Shul, R.J. *see* Pearton, S.J. 92725
Shul, R.J. *see* Pearton, S.J. 94876
Shul, R.J. *see* Vartuli, C.B. 84133
Shul, R.J. *see* Vartuli, C.B. 105648
Shul, R.J. *see* Vartuli, C.B. 114949
Shul Yong Gun *see* Yong Gun Shul
Shulai Zhao *see* Turner, T.O. 101019
Shulekin, A.F. *see* Bolotov, L.N. 63655
Shulekin, A.F. *see* Bolotov, L.N. 75725
Shulekin, A.F. *see* Grekhov, I.V. 63618
Shuleshov, A.O. *see* Motov, M.S. 88929
Shulga, V.L. The procedural sequence for the segmentation–approximation and integral comparison of the contour shapes 87117
Shul'ga, Yu.N. Analysis of bulk networks under high loads 113077
Shulgin, E.I. *see* Eremchenko, D. 73918
Shulgin, V.N. *see* Kolechetskii, E.S. 70948
Shulgov, V.V. *see* Malicheva, T.V. 82277
Shulian Zhang, Lijing Wu, Yan Li, Zhibing Deng, Chengyun Yin Measurement of machinery vibration using laser mode split technology 79345
Shulian Zhang *see* Yanmei Han 116298
Shulin Gu, Youdou Zheng, Rong Zhang, Ping Han, Shunming Zhu Stress property of SiGe alloy deposited by very low pressure chemical vapor deposition 82759
Shulin Liu *see* Liu Shulin
Shuling Ding *see* Ding Shuling
Shull, R.D., Cline, J.P., Baker, I., Liu, F. Identification of a high-temperature magnetic phase transition in ball-milled and compacted nanocrystalline Fe–Cu alloys 75106
Shulman, A. *see* Gersht, A. 88541
Shulman, A. *see* Vachani, R. 113628
Shul'man, A. *see* Vystavkin, A. 110341
Shulman, H.S. *see* Damjanovic, D. 84684
Shul'pyakov, I.O. *see* Galaev, I.I. 76097
Shult, E.E., Thas, J.A. M-systems and partial m-systems of polar spaces 72481
Shults, S.V., Bakut, P.A., Shumilov, Y.P. Influence of spacecraft's own external atmosphere on the point target location performances of space optical telescope 108657
Shultz, B.L. *see* Lang, D.D. 103417
Shulupin, C.O. *see* Galiulin, R.M. 107673
Shulyar'ev, V.B. *see* Grachev, G.N. 107069
Shulyat'ev, V.B. *see* Grachev, G.N. 107113
Shum, D. *see* Kuo, C. 83137
Shum, D. *see* Maiti, B. 93486
Shum, F. *see* Lang, R.J. 75995
Shum, F. *see* Sanders, S. 65110
Shum, H.-Y., Hebert, M., Ikeuchi, K. On 3D shape synthesis 117682
Shum, K.W. Fuzzy distributed power control in cellular radio network 88310
Shum Heung-Yeung *see* Heung-Yeung Shum
Shumaker, J. *see* Holstein, D. 93764
Shumakov, A. *see* Alimov, A. 89772
Shumakov, I.V. *see* Murin, B.P. 89773
Shuman, V.B. *see* Mnatsakanov, T.T. 94228
Shuman, V.B. *see* Mnatsakanov, T.T. 102986
Shumarov, E.V. *see* Popov, V.S. 100176
Shumate, D.A., Montgomery, D.C. Development of a TiW plasma etch process using a mixture experiment and response surface optimization 94790
Shumate, P.W., Jr *see* Bhagavath, V.K. 78812
Shumeiko, V.S. *see* Hessling, J.P. 64534
Shumelyuk, A.N. *see* Odoulov, S.G. 65561
Shumilov, A.N. *see* Baklanov, A.I. 100097
Shumilov, Y.P. *see* Shults, S.V. 108657
Shumin Cai *see* Cai Shumin
Shuming Chen *see* Chen Shuming
Shuming Pan *see* Pan Shuming
Shumsky, A.Ye. Failure detection filter for diagnosis of nonlinear dynamic systems 103509
Shun Him Wong *see* Sze Fong Yau 69939
Shun Li *see* Li Shun
Shun Tan *see* Shuyuan Zhang 94590
Shun Tung Yen, Chien Ping Lee Semiconductor lasers with unconventional cladding structures for small beam divergence and low threshold current 116515
Shun Yan Cheung, Ammar, M.H. Using destination set grouping to improve the performance of window-controlled multipoint connections 109074
Shun Yan Cheung, Ammar, M.H., Xue Li On the use of destination set grouping to improve fairness in multicast video distribution 87952
Shun-Ichi Iwasaki *see* Lianna He 115793
Shun-Shan Tsai *see* Shung-Shing Lee 98323
Shun-Tung Yen, Chien-Ping Lee A novel cladding structure for semiconductor quantum-well lasers with small beam divergence and low threshold current 107250
Shunbao Xia *see* Xia Shunbao
Shunemann, P.G. *see* Rud', V.Yu. 114661
Shung, C.B. *see* Lin, Y.-S. 99001
Shung, C.B. *see* Yu-Sheng Lin 88029
Shung, K.K. *see* Liang-Min Wang 110677
Shung, K.K. *see* Wang, S.H. 80206
Shung, K.K. *see* Zipparo, M.J. 106319
Shung-I Huang *see* Huang Shung-I
Shung-Shing Lee, Shi-Jinn Horng, Horng-Ren Tsai, Shun-Shan Tsai Building a quadtree and its applications on a reconfigurable mesh 98323
Shung-Shing Lee *see* Yu-Hua Lee 77458
Shunge Li, Goel, S., Bhargava, B. VC collaborator: a mechanism for video conferencing support 67871
Shunin, G.E., Yastrebkov, V.N., Kostryukov, S.A. Noises and magnetomechanical processes in gravi-inertia pickups 89055
Shunji Huan *see* Yongjian Yu 111336
Shunjun Wu *see* Wu Shunjun
Shunk, S.C. *see* Feuer, M.D. 78792
Shunk, S.C. *see* Feuer, M.D. 95829
Shunlian Chai, Demiao Yao, Naichang Yuan Analysis of conical microstrip antennas with uniform substrate 116999
Shunlian Jia *see* Jia Shunlian
Shunlin Liang *see* Fallah-Adl, H. 101582
Shunling Ruan *see* Ruan Shunling
Shunming Zhu *see* Shulin Gu 82759
Shunming Zhu *see* Xiaodong Huang 82669
Shunn-Her Liu *see* Bing-Yue Tsui 105665
Shunshin Wang *see* Wang Shunshin
Shunshou Gao *see* Gao Shunshou
Shuntao Tan *see* Tan Shuntao
Shunzhong He *see* He Shunzhong
Shuo Di *see* Di Shuo
Shuoqi Chen, Vahldieck, R., Jifu Huang, Manjin Kim Field theory analysis of slow-wave propagation on silicon based coplanar MIS transmission lines 85909
Shuping Liu *see* Liu Shuping
Shuqiang Zhao *see* Zhao Shuqiang
Shuqin Sun *see* Sun Shuqin
Shuqing Zhang, Douglas, M.A., Yaroslavsky, L., Summers, R.M., Dilsizian, V., Fananapazir, L., Bacharach, S.L. A Fourier based algorithm for tracking SPAMM tags in gated magnetic resonance cardiac images 110731
Shuquan Zhou *see* Zhou Shuquan
Shuqun Zhang, Caisheng Chen Optical implementation of programmable logic neural networks 116162
Shur, A. *see* Apanovich, Y. 63522
Shur, D., Rosenman, G. Figures of merit for ferroelectric electron emission cathodes 114501
Shur, D. *see* Rosenman, G. 69401
Shur, M., Gelmont, B., Khan, M.A. Electron mobility in two-dimensional electron gas in AlGaN/GaN heterostructures and in bulk GaN 74324
Shur, M. *see* Martinez, E. 84480
Shur, M. *see* Peatman, W.C.B. 63781
Shur, M. *see* Peatman, W.C.B. 84479
Shur, M. *see* Weiser, K. 116226
Shur, M. *see* Ytterdal, T. 63757
Shur, M.S., Jacunski, M.D., Hack, M. Device and circuit models for amorphous silicon and polysilicon thin film transistors used in high definition display technology 84397
Shur, M.S. *see* Asif Khan, M. 62826
Shur, M.S. *see* Bykhovski, A.D. 114633
Shur, M.S. *see* Chen, Q. 95041
Shur, M.S. *see* Dyakonov, M.I. 88886
Shur, M.S. *see* Dyakonov, M.I. 106086
Shur, M.S. *see* Jacunski, M.D. 63706
Shur, M.S. *see* Jacunski, M.D. 105951
Shur, M.S. *see* Khan, M.A. 84466
Shur, M.S. *see* Khan, M.A. 115246
Shur, M.S. *see* Kie Young Lee 63787
Shur, M.S. *see* Levinshtein, M.E. 74759
Shur, M.S. *see* Slade, H.C. 115208
Shur, V.Ya., Makarov, S.D., Ponomarev, N.Yu., Volegov, V.V., Tonkacheva, N.A., Suslov, L.A., Salashchenko, N.N., Klyuenkov, E.B. Kinetics of polarization switching in lead zirconate-titanate epitaxial thin films 95265
Shuran Sheng, Guanglin Kong, Xianbo Liao Improvement of the stability of hydrogenated amorphous silicon films by intermittent illumination treatment at elevated temperature 114654
Shuren Chang *see* Chang Shuren
Shuren Yang *see* Yang Shuren
Shurf, M.S. *see* Fjeldly, T.A. 84435
Shurina, E. *see* Rojak, M. 85799
Shurong Lai *see* Xiaodan Jin 79495
Shurong Lai *see* Yanbiao Liao 79478
Shurong Li, Yunguaug Zheng, Weilian Guo, Liang Jiang, Huilai Liang, Yiming Wang, Litian Liu, Zhijian Li Low temperature bipolar transistor operated in a hybrid-mode compatible with CMOS technology 94914
Shurong Li *see* Li Shurong
Shurov, V.V. *see* Borisov, V.P. 116326
Shurshakov, V. *see* Vana, N. 110996
Shurter, R.B. *see* Russell, S.J. 100574
Shusheng Peng *see* Shanhuai Chen 73711
Shushkevich, G.Ch., Shushkevich, S.V. Electrostatic field of a flattened ellipsoid and a disk, placed between thin unenclosed spheroidal shells 65601
Shushkevich, G.Ch., Shushkevich, S.V. Electrostatic field of a flattened ellipsoid and disc between two thin open spherical shells 96919
Shushkevich, S.V. *see* Shushkevich, G.Ch. 65601
Shushkevich, S.V. *see* Shushkevich, G.Ch. 96919
Shusta, V.S., Guranich, P.P., Gerzanich, O.I., Slivka, A.G., Bobela, V.A. Study of volume compressibility of ferroelectric crystals of $A_2^{IV}B_2^{V}C_6^{VI}$ group 106328
Shuster, L.I. Linear predictive coding parameter manipulation/synthesis of incorrectly produced /r/ 117287
Shustov, A.V. *see* Dolinina, V.I. 85365
Shustov, E.I. *see* Evstratov, F.F. 68669
Shutai Chunyu *see* Chunyu Shutai
Shute, H.A., Wilton, D.T., Mapps, D.J. Analytic spectral response functions for two-dimensional models of perpendicular recording heads 84834
Shuting Yeh *see* Hwang, C.S. 69455
Shuto, S. *see* Nagaya, K. 64584
Shuto, Y., Amano, M. Relaxation process for second-order nonlinear optical properties of poled diazo-dye-substituted polymers 65471

Shutov, S.D. *see* Iovu, M.S. 75692
Shutov, S.V. *see* Samoilov, N.A. 74697
Shutov, V.B. *see* Balandikov, N.I. 120111
Shutov, V.B. *see* Ershov, V.P. 120113
Shutov, V.B. *see* Ershov, V.P. 120114
Shutov, V.B. *see* Ershov, V.P. 120115
Shutov, V.B. *see* Luppov, V.G. 120085
Shutt, R. *see* Bunce, G. 100643
Shutt, T. *see* Sadoulet, B. 100818
Shuttleworth, G. *see* Hunt, S. 90985
Shuttleworth, R. *see* Auckland, D.W. 71269
Shuttleworth, R. *see* Power, A. 112032
Shuttleworth, R. *see* Rahman, M. 71728
Shuttleworth, R. *see* Vickers, S.I. 121376
Shutyi, A.M. *see* Sementsov, D.I. 97257
Shutyi, A.M. *see* Sementsov, D.I. 107995
Shuvaev, A.P., Oishi, R.T. Preoperational testing of data link-based air traffic management systems in Magadan, Far East Russia 80585
Shuvalov, M.Y., Romashkin, A.V., Mavrin, M.A., Ovsienko, V.L. Treeing videomicroscopy [power cable insulation testing] 70908
Shuvalov, M.Yu., Romashkin, A.V., Mavrin, M.A., Ovsiyenko, V.L. Video microscopy of treeing [of power cable insulation] 102155
Shuwen Feng *see* Feng Shuwen
Shuxian Wen *see* Wen Shuxian
Shuxiang Guo, Fukuda, T., Arai, F., Oguro, K., Negoro, M., Nakamura, T. Micro active guide wire catheter system–characteristic evaluation, electrical model and operability evaluation of micro active catheter 70189
Shuxin Zheng *see* Zheng Shuxin
Shuxun Wang *see* Wang Shuxun
Shuyi Dong *see* Dong Shuyi
Shuyin Li *see* Li Shuyin
Shuying Li *see* Li Shuying
Shuying Zhang Progress in underwater acoustic geo-mapping technology 111096
Shuyu Cheng *see* Cheng Shuyu
Shuyu Han *see* Han Shuyu
Shuyuan Zhang, Zhiwen Chen, Mingliang Tian, Shun Tan, Boquan Li, Jingsheng Zhu, Yuheng Zhang Dependence of film resistance on fractal formation of Au/a-Ge bilayer films 94590
Shuyuan Zhang *see* Yi Xie 92661
Shuzeng Wang *see* Wang Shuzeng
Shuzhang Zhang *see* Tamir, T. 65959
Shuzhen Duan *see* Hongyu Chen 112257
Shuzhen Xi *see* Xi Shuzhen
Shuzheng Chen *see* Chen Shuzheng
Shuzi Yang *see* Yang Shuzi
Shvarkov, D.S. *see* Zalessky, V.B. 80056
Shvarkov, D.S. *see* Zalessky, V.B. 100890
Shvarts, A.L. *see* Lysko, V.V. 121356
Shvartsberg, B., Zambrano, E. Indoor high-voltage substation is renovated 121802
Shvedov, A.V. *see* Pagurova, V.I. 103800
Shvedov, D. *see* Kadnikov, A. 89779
Shvedunov, V. *see* Alimov, A. 89772
Shvedunov, V.I., Alimov, A.S., Chepurnov, A.S., Chubarov, O.V., Ermakov, D.I., Tiunov, A.V., Tkachev, P.L. Effect of the coupling slots on beam dynamics in accelerator structure of Moscow CW RTM 89889
Shvedunov, V.I., Karev, A.I., Melekhin, V.N., Sobenin, N.P., Trower, W.P. Improved mobile 70 MeV race-track microtron design 89688
Shvedunov, V.I. *see* Grishin, V.K. 79876
Shvedunov, V.I. *see* Karev, A.I. 89808
Shvedunov, V.I. *see* Sobenin, N.P. 100693
Shvedunov, V.I. *see* Tiunov, A.V. 90026
Shvedyuk, V.Ya. *see* Abroyan, M.A. 107127
Shvets, A.G. *see* Barkalov, A.A. 97514
Shvets, G., Wurtele, J.S., Chiou, T.C., Katsouleas, T.C. Excitation of accelerating wakefields in inhomogeneous plasmas 79841
Shvets, G. *see* Leemans, W.P. 79840
Shvets, G. *see* Piovella, N. 96500
Shvets-Teneta-Gurii, T.B., Dubinin, A.G., Ivanova-Anninskaya, E.L. Brain electrochemical potential alterations monitored by platinum electrodes in behaving animals 70135
Shvetsov, V.N. *see* Bystritsky, V.M. 90137
Shvetsov, V.S. *see* Dolbilov, G.V. 94192
Shvetsov, V.S. *see* Dolbilov, G.V. 96490
Shvetsov, V.S. *see* Fateev, A.A. 89608
Shvetzov-Shilovsky, I.N. *see* Pershenkov, V.S. 106020
Shvindlerman, L.S. *see* Sursaeva, V.G. 113530
Shwartz, A. *see* Shimkin, N. 113086
Shwartz, B. *see* Calen, H. 120194
Shwartz, B.A. *see* Grigoriev, D.N. 120128
Shwedyk, E. *see* Kong, H. 68036
Shwedyk, E. *see* Kong, H. 117340
Shwehdi, M.H., Khan, A.Z. A power line data communication interface using spread spectrum technology in home automation 101788
Shwu-Fang Tsai *see* Lee, C.L. 109916
Shwu-Jing Chang, Chien-Ping Lee Numerical analysis of the transient behavior of the sidegating effect in GaAs MESFETs 74760
Shy Jow-Tsong *see* Jow-Tsong Shy
Shy-Ming Lian *see* Syh-Ming Ho 72289
Shy-Shyan Chen, Shih, F.Y. Skeletonization for fuzzy degraded character images 108708
Shy-Shyan Chen *see* Shih, F.Y. 117541
Shyam, A. *see* Panchal, C.G. 104204
Shyam, A. *see* Sinha, A. 90180
Shyam, A. *see* Sinha, A. 104234
Shyam, V., Chandrasekharaiah, H.S. Application of timed token protocol for communications in an application specific parallel processing architecture for real time control of an MTDC system 111569
Shyamasundar, R.K. *see* Boussinot, F. 87688
Shyan-Wen Luoh *see* Neng-Chung Hu 77099
Shyang-Tai Su *see* Tong, C.Q. 115345
Shydlovsky, V.R. *see* Batovrin, V.K. 64966
Shye-Yuh Leu *see* Chia-Fu Chen 61395
Shyh-Chyi Wong, Kuo-Hua Pan, Dye-Jyun Ma, Liang, M.S., Tseng, P.N. On matching properties and process factors for submicrometer CMOS 115336
Shyh-Jier Huang Power system unit commitment using genetic-based neural networks 80963
Shyh-Jier Huang, Ching-Lien Huang Static security assessment of a large-scale power system using genetic-enhanced neural network approaches 80949
Shyh-Jier Huang, Ching-Lien Huang Improvement of classification accuracy by using enhanced query-based learning neural networks 111523
Shyh-Jier Huang, Ching-Lien Huang, Cheng-Tao Hsieh A method of supervising power system harmonic trends 120969
Shyh-Jier Wang *see* Donyau Chiang 64483
Shyh-Jye Jou *see* Chauchin Su 72243
Shyh-Kang Jeng *see* Shin-Hon Chen 97124
Shyh-Wen Sue *see* Jung-Shyr Wu 87331
Shyi-Ming Chen Arithmetic operations between vague sets 103627
Shyi-Wen Wang *see* Tsai-Hsiang Chen 81049
Shynk, J.J., Keerthi, A.V., Mathur, A. Steady-state analysis of the multistage constant modulus array 66703
Shynk, J.J. *see* Bershad, N.J. 66835
Shynk, J.J. *see* Giridhar, K. 99361
Shyong Jian Shyu, Chang, H.K.-C., Chou, K.-C. Implementation of a linear quadtree coding scheme on the parallel virtual machine 117569
Shyu, H.-M., Wu, L.-C., Huang, J.-H. Performance analysis of IEEE 802.12 network 98785
Shyu, J.J. *see* Lee, B.H. 98794
Shyu, K.-H. *see* Chang, P.-C. 98348
Shyu Chin-Miin *see* Chin-Miin Shyu
Shyu Jian-Ming *see* Jian-Ming Shyu
Shyu Jiin-Jyh *see* Jiin-Jyh Shyu
Shyu Jin-Ji *see* Jin-Ji Shyu
Shyu Jong-Jy *see* Jong-Jy Shyu
Shyu Juyo-Min *see* Juyo-Min Shyu
Shyu Kuo-Kai *see* Kuo-Kai Shyu
Shyu Ruey-Cheng *see* Lu Chung-Chin 111603
Shyu Shyong Jian *see* Shyong Jian Shyu
Shyu Tay-Woei *see* Tay-Woei Shyu
Shyu Wan-Li *see* Wan-Li Shyu
Shyue-Kung Lu, Cheng-Wen Wu, Sy-Yen Kuo On fault-tolerant FFT butterfly network design 113995
Shyue-Shyh Lin *see* Ching-Fa Yeh 84402
Shyue-Shyh Lin *see* Ching-Fa Yeh 113398
Shyur, J.-C. *see* Chang, P.-C. 98348
Shyy, J.G. *see* Wang, D.J. 94168
Shze-Jer Hu *see* Teong-San Yeoh 61876
Shze-Jer Hu *see* Teong-San Yeoh 73437
Shze-Jer Hu *see* Teong-San Yeoh 74732
Shze-Jer Hu *see* Teong-San Yeoh 74841
Si, A. *see* Leong, H.V. 118905
Si, A. *see* Leong, H.V. 119052
Si, J.T. *see* Katragadda, G. 60683
Si, W., Chung, H., Dudley, M., Anselmo, A., Bliss, D.F., Prasad, V. Study of defect structures in MLEK grown InP single crystals by synchrotron white beam X-ray topography 105148
Si Deyi Method of spread spectrum signal demodulation by using acousto-optic correlators 75621
Si Jiatun *see* Jiatun Si
Si Jie *see* Jie Si
Si-Bei Xiong *see* Tao Yu 115410
Si-Chen Lee *see* Biing-Der Liu 119676
Si-Chen Lee *see* Kang-Cheng Lin 69292
Si-Chen Lee *see* Shou-Zen Chang 61169
Si-Chen Lee *see* Wen-Shiang Liao 94749
Si-Yeoul Jang, Sung-Man Lee, Hong-Koo Baik Tantalum and niobium as a diffusion barrier between copper and silicon 105726
Siakavellas, N.J. Eddy current modelling in a coupled electromagnetic-mechanical problem 107771
Siala, M., Kalch, G.K. Codes for the Lee metric and lattices for the l_1-distance 66317
Siala, M., Kaleh, G.K. Joint multilevel RLL and error correction coding 66322
Siala, M., Papproth, E., Taieb, K.H., Kaleh, G.K. An iterative decoding scheme for serially concatenated convolutional codes 66476
Siala, S., Ramakrishnan, V., Govindarajan, M., Dekovic, Y., Kinter, R., Padilla, J., Levi, A.F.J., Nottenburg, R.N. 622 Mb/s/channel parallel digital optical receiver array module using hybrid packaging 99505
Siala, S. *see* Chevrel, P. 121502
Siam, M.F.M.Mohd *see* Mohd Siam, M.F.M.
Siambanis, T. *see* Buckley, J. 89629
Sian, S.S. *see* Webb, S.M. 78711
Sianchang Huang, Likarn Wang Exact evaluation of laser linewidth requirements for optical PSK homodyne communication systems with balanced PLL receivers 68464
Siang Bing Wu *see* Yukang Ye 83528
Siang Tian Giam *see* Giam Siang Tian
Siang-Chun The *see* Gupta, A. 74832
Siangchaew, K. *see* Davidson, B.A. 75355
Siann, J. *see* Andrews, W. 78156
Siapkas, D.I., Hatzopoulos, N., Katsidis, C.C., Zorba, T., Mitsas, C.L., Hemment, P.L.F. Structural and compositional characterization of high energy separation by implantation of oxygen structures using infrared spectroscopy 114902
Siapkas, D.I. *see* Hatzopoulos, N. 114876
Siapkas, D.I. *see* Tassis, D.H. 113336
Siarkiewicz, K. *see* Hantman, B. 65599
Siarkowski, M., Sylwester, J., Jakimiec, J., Tonczak, M. Improvement of SXT image alignment in order to obtain high-resolution temperature maps 77460
Siarry, P. *see* Berthiau, G. 63766
Siarry, P. *see* Durbin, F. 94884
Siatkowski, I. *see* Goszczurna, T. 92601
Sibai, F.N., Abonamah, A.A. Parallel path assignment of multicast connections in multi-path networks 108871
Sibari, H., Raymond, A., Kubisa, M. Charge transfer and electron mobility in GaAlAs/GaAs modulation-doped heterostructures: the role of interface states 74353
Sibata, C.H. *see* Meiler, R.J. 90654
Sibata, Y. *see* Hayakawa, K. 96456
Sibbett, W. *see* Critten, M.P. 116464
Sibbett, W. *see* Gritten, M.P. 65162
Sibbett, W. *see* Hamilton, C.J. 65456
Sibbett, W. *see* Hamilton, C.J. 74387
Sibbett, W. *see* Hamilton, C.J. 96711
Sibbett, W. *see* Kennedy, G.T. 116524
Sibbett, W. *see* McGowan, C. 65508
Sibbett, W. *see* Walker, A.C. 85336
Sibbett, W. *see* Williams, K.A. 116549
Sibbett, W. *see* Xiaonong Zhu 75453
Sibbett, W. *see* Yelland, C. 65161
Sibei Xiong *see* Xiong Sibei
Sibigtroth, J.M. A closer look at instruction set design 104580
Sibilia, C., Re, A., Fazio, E., Bertolotti, M. Cascading effect on second-harmonic generation in a ring cavity 76264
Sibilia, C. *see* Bertolotti, M. 95727
Sibilia, C. *see* Bertolotti, M. 95774
Sibilia, C. *see* Bertolotti, M. 95803
Sibilia, C. *see* Bertolotti, M. 96717
Sibilia, C. *see* Fazio, E. 76129
Sibilia, C. *see* Garzia, F. 85205
Sibley, C. *see* Jacobs, K. 79916
Sibomana, M., Coppens, A., Lonneux, M., Gerber, B., De Volder, A., Blin, J., Bol, A., Michel, C., Byars, L. Volumic image analysis application bundle for UNIX workstations 101243
Sibomana, M. *see* Defrise, M. 90418
Sibomana, M. *see* Michel, C. 90490
Sibuya, M. *see* Hirano, S. 69932
Sicard, D., Burais, N., Thollon, F., Rasolonjanahary, J.L., Nicolas, A., Gaspard, J.Y., Pitot, P. Simulation of electromagnetic phenomena in human body near induction cooking system 110957
Sicard, E., Huang, J., Fourniols, J.Y., Ferreira, A., Noullet, J.L. Experiments in sub-micron CMOS technology: the JISI project 84584
Sicha, M., Hubicka, Z., Tichy, M., Novak, M., Soukup, L., Jastrabik, L., Behnke, J.F., Kapicka, V., Kapoun, K., Sery, M. The interaction of the supersonic plasma-jet with the substrate in the RF plasma-chemical reactor 113494
Sichao Li *see* Li Sichao
Siche, D. *see* Geissler, U. 74187
Siche, D. *see* Wenisch, H. 74154
Sicher, A. *see* Hooper, G. 88225
Sichina, J.P. *see* Happ, L. 109769
Sicho, P. *see* Ajinenko, I. 90197
Sicignano, A. *see* Marshall, T. 92746
Siciliano, G. *see* Rossi, B. 90504
Siciliano, P. *see* Cricenti, A. 69371
Siciliano, P. *see* Cricenti, A. 104125
Siciliano, P. *see* Di Giulio, M. 61430
Siciliano, P. *see* Di Giulio, M. 100164
Siciliano, P. *see* Micocci, G. 119784
Siciliano, P. *see* Rella, R. 62790
Siconolfi, D.J. *see* Comizzoli, R.B. 69007
Siconolfi, D.J. *see* Lobnig, R.E. 61489
Sicot, L. *see* Chevrel, P. 121502
Sicuranza, M.A. *see* Kross, E.J. 90908
Sid-Ahmed, M.A. A linear approach to the design of 2-D IIR filters with near linear phase specifications 93586
Siddiqi, K., Kimia, B.B. A shock grammar for recognition 86421
Siddiqi, M. *see* Rivest, J.-F. 67011
Siddiqi, M.U. *see* Singh, B. 67045
Siddiqi, M.U. *see* Singh, B. 98318
Siddiqi, S.S., Twizell, E.H. Spline solutions of linear sixth-order boundary-value problems 72695
Siddiqui, A.S. *see* Altuncu, A. 107150
Siddiqui, A.S. *see* Bhatti, M.A. 64703
Siddiqui, A.S. *see* Gunning, P. 65342
Siddiqui, A.S. *see* Gunning, P. 78710
Siddiqui, A.S. *see* Schuh, R.E. 85018
Siddiqui, A.S. *see* Shan, X. 65099
Siddiqui, K.J., Nugen, S.M. Knowledge based system for weather information processing and forecasting 120784
Siddiqui, M.K., Sharma, A.K., Callejo, L.G., Chung-Hsu Chen, Kin Tan, Huan-Chun Yen A high power and high efficiency power amplifier for local multipoint distribution service 83503

Siddiqui, S.S. *see* Naik, P.G. 105482
Sideman, S. *see* Chen Liu 101433
Sideman, S. *see* Taratorin, A.M. 77396
Siden, G. *see* Larsson, A. 91420
Sideris, M. *see* Foscolos, M.P. 71037
Siders, C.W., Le Blanc, S.P., Babine, A., Stepanov, A., Sergeev, A., Tajima, T., Downer, M.C. Plasma-based accelerator diagnostics based upon longitudinal interferometry with ultrashort optical pulses 79839
Siders, C.W. *see* Leemans, W.P. 79840
Sides, P.J. *see* Anoikin, T.V. 115824
Sides, P.J. *see* Kampf, J.P. 64432
Sides, S.W., Ramos, R.A., Rikvold, P.A., Novotny, M.A. Response of a kinetic Ising system to oscillating external fields: amplitude and frequency dependence 84777
Sidhu, C.K. Designing for usability in industry–speech based services 67696
Sidhu, C.K. *see* Whittaker, S.J. 67710
Sidhu, R.K. *see* Verma, A. 84841
Sidhu, T.S., Bajpai, M., Darlington, A., Finley, D., Folkman, A.G., Kezunovic, M., Marsh, W., Ramaswami, R., Sachdev, M.S., Stephens, J.E., Swanson, M.J., Venkata, S.S., Winston, P.B. Bibliography of relay literature, 1994 IEEE Committee Report 102229
Sidhu, T.S., Sachdev, M.S. Laboratory setup for teaching and research in computer-based power system protection 81135
Sidhu, T.S., Sunga, B., Sachdev, M.S. A digital technique for stator winding protection of synchronous generators 91464
Sidhu, T.S. *see* Cruder, O. 80782
Sidhu, T.S. *see* Das, R. 81051
Sidhu, T.S. *see* Gole, A.M. 60460
Sidhu, T.S. *see* King, R.L. 92093
Sidhu, T.S. *see* Sachdev, M.S. 60462
Sidhu, T.S. *see* Sachdev, M.S. 81034
Sidhu, T.S. *see* Sachdev, M.S. 81147
Sidi, J. *see* Nussbaum, G.H. 69995
Sidi, M., Starobinski, D. New call blocking versus handoff blocking in cellular networks 88203
Sidi, M. *see* Elbaum, R. 118485
Sidick, E., Knoesen, A., Dienes, A. Ultrashort pulse second harmonic generation in quasi-phase-matched structures 116649
Sidiropoulos, N.D. Fast digital locally monotonic regression 114128
Sidiropoulos, N.D., Baras, J.S., Berenstein, C.A. Further results on MAP optimality and strong consistency of certain classes of morphological filters 67086
Sidiropoulos, N.D., Meleas, D., Stragas, T. MAP signal estimation in noisy sequences of morphologically smooth images 77276
Sidiropulos, M., Stopjakova, V., Manhaeve, H. Implementation of BIC monitor in balanced analogue self-test 115265
Sidman, M. Design tool speeds development and optimization of electromechanical products using AC induction motor vector control 91776
Sidorenko, A. Randomness friendly graphs 60846
Sidorenko, A.S. *see* Lange, Yu.V. 113600
Sidorenko, V. *see* Bossert, M. 66390
Sidorenko, V.D., Gerasimenko, I.A., Kretinin, E.A., Zhelamsky, M.V., Bondarchuk, E.N., Rodin, I.Yu., Muratov, V.P. The design of the drum separator with superconducting magnets 95553
Sidorenko, V.D., Gerasimenko, I.A., Kutin, A.M., Yupherov, V.B., Skibenko, Ye.I., Gladky, V.V. Creation of superconducting magnetic separators for weakly magnetic mineral raw material processing 95552
Sidorin, V.K. *see* Dolgikh, I.I. 99824
Sidoroff, F. *see* Seassal, C. 106857
Sidorov, A.I. *see* Danilov, O.B. 107117
Sidorov, D.V. *see* Drizhuk, A.G. 64968
Sidorov, D.V. *see* Drizhuk, A.G. 75744
Sidorov, D.V. *see* Drizhuk, A.G. 96030
Sidorov, D.V. *see* Drizhuk, A.G. 107011
Sidorov, M. *see* Bromberg, L. 95551
Sidorov, V. *see* Calen, H. 120194
Sidorov, V.G. *see* Drizhuk, A.G. 64968
Sidorov, V.G. *see* Drizhuk, A.G. 75744
Sidorov, V.G. *see* Drizhuk, A.G. 96030
Sidorov, V.G. *see* Drizhuk, A.G. 107011
Sidorov, V.T. *see* Bystritsky, V.M. 90137
Sidorov, Yu.G. *see* Ovsyuk, V.N. 64931
Sidorov, Yu.G. *see* Varavin, V.S. 75685
Sidorovich, D.V., Mecklenbrauker, C.F., Bohmc, J.F. Sequential test and parameter estimation for array processing of seismic data 120703
Sidorovskaya, N.A., Khil'ko, A.I. Partially coherent acoustic images in layered refractive waveguides 67204
Sidorovsky, N.V. *see* Popov, I.A. 79721
Sidoryuk, O.E., Ushanova, E.N. Increasing the accuracy of laser beam diameter measurement 65415
Sidoryuk, O.E. *see* Kolodnyi, G.Ya. 64878
Sidulov, M.V. *see* Kudryavtsev, N.Yu. 102422
Sie-Poon Chang *see* Junewen Chen 116115
Sie-Young Choi *see* Kyo Ho Moon 105970
Siebenthal, K.von *see* von Siebenthal, K.
Sieber, A.J. *see* Nesti, G. 111158
Sieber, B. *see* Cleton, F. 62807
Sieber, I., Urban, I., Doerfel, I., Koynov, S., Schwarz, R., Schmidt, M. Microscopic characterization of microcrystalline silicon thin films 94320
Sieber, I. *see* Dittrich, T. 92792
Sieber, I. *see* Dittrich, T. 94599
Sieber, I. *see* Koynov, S. 92887
Sieber, I. *see* Timoshenko, V.Yu. 94314
Sieber, I. *see* Tomm, Y. 74314
Sieber, J. Applications of the Temic U4224B radio clock receiver 109875
Sieber, M. *see* Wegener, J. 120456
Sieber, T. *see* Bessler, U. 100748
Siebers, J.V. *see* Vatnitsky, S.M. 90659
Siebert, A., Rudolf, S. Comparative investigations of the edge detection by CCD matrix and CCD line 74647
Siebert, B.R.L. *see* d'Errico, F. 110966
Siebert, B.R.L. *see* Naismith, O.F. 80518
Siebert, H.W. *see* Mueller, U. 69711
Siebert, K.G. An a posteriori error estimator for anisotropic refinement 61128
Siebert, P. *see* Kneip, M. 109859
Siebes, M. *see* Miller, E.M. 110772
Siebke, F., Stiebig, H. Stable and metastable defect distributions in undoped and doped a-Si:H obtained from analysis of the constant photocurrent method 94395
Siebke, F., Stiebig, H., Abo-Arais, A., Wagner, H. Charged and neutral defect states in a-Si:H determined from improved analysis of the constant photocurrent method 94427
Siebke, F. *see* Kubon, M. 103022
Sieckenius de Souza, C. *see* Pires de Azevedo, G. 70711
Sieckmeyer, C. *see* Sisalem, D. 109172
Sieczka, E. *see* Tai, A. 96839
Sieders, M., Zoth, P. Fast delta-sigma analogue/digital converter with integrated anti-aliasing filters 61971
Siedling, R. *see* Braunschweig, W. 120140
Siedling, R. *see* Braunschweig, W. 120173
Sieg, R.M. *see* Sacks, R.N. 82675
Siega, P. *see* Dughiero, F. 82003
Siegal, B. *see* Joiner, B. 103443
Siegal, B.S. 1996 cumulative bibliography of articles on semiconductor thermal measurement, management and modeling 103312
Siegal, M.P. *see* Talin, A.A. 94171
Siegel, B. *see* Leung, J.S. 70370
Siegel, E.L. Impact of filmless radiology on the Baltimore VA Medical Center 80375
Siegel, E.L., Denner, J.M., Pomerantz, S.M., Reiner, B., Protopapas, Z. The utility of a PACS in the medical media department 111015
Siegel, E.L. *see* Pomerantz, S.M. 111020
Siegel, M. HTS Josephson junctions and their applications 84902
Siegel, M. *see* Dillmann, F. 106702
Siegel, M. *see* Hein, M.A. 84890
Siegel, M. *see* Ki-Yong Lee 82002
Siegel, M. *see* Mak, P. 94744
Siegel, M. *see* Oelze, B. 61989
Siegel, M. *see* Xie, R.J. 84138
Siegel, M.W. *see* Grinberg, V.S. 98217
Siegel, M.W. *see* McVeigh, J.S. 86590
Siegel, M.W. *see* Sethuraman, S. 86588
Siegel, M.W. *see* Stock, R.D. 122072
Siegel, N. *see* Buckley, J. 89629
Siegel, N. *see* Laurent, G. 90049
Siegel, N. *see* Ostler, J. 90043
Siegel, N. *see* Walckiers, L. 90042
Siegel, P.H. *see* Fettweis, G. 77556
Siegel, P.H. *see* Lee, T.-H. 83369
Siegel, P.H. *see* Mehdi, I. 83368
Siegel, P.H. *see* Stimson, P.A. 68809
Siegel, R.M. *see* Teich, M.C. 120412
Siegel, S., Silverman, R.W., Yiping Shao, Cherry, S.R. Simple charge division readouts for imaging scintillator arrays using a multi-channel PMT 90207
Siegel, S., Silverman, R.W., Yiping Shao, Cherry, S.R. Simple charge division readouts for imaging scintillator arrays using a multi-channel PMT 100926
Siegel, S. *see* Cherry, S.R. 90348
Siegel, S. *see* Cherry, S.R. 101340
Siegel, S. *see* Tornai, M.P. 101293
Siegel, S. *see* Tornai, M.P. 110696
Siegel, S. *see* Yiping Shao 90349
Siegel, S. *see* Yiping Shao 101110
Siegel, S. *see* Yiping Shao 101120
Siegenthaler, J. *see* Urech, N. 120550
Siegler, S., Lapointe, S., Nobilini, R., Berman, A.T. A six-degrees-of-freedom instrumented linkage for measuring the flexibility characteristics of the ankle joint complex 80193
Siegler, S. *see* Ivancic, P.C. 70246
Siegman, A.E. *see* Fanning, G. 65140
Siegman, A.E. *see* Yan Sun 65957
Siegman, A.E. *see* Yuh-Jen Cheng 85452
Siegmann, H.C. *see* Heidmann, J. 84779
Siegmund, G. *see* Lewin, A. 110390
Siegmund, T. *see* Koch, N. 80129
Siegmund, W.P. *see* Martellotti, G. 80122
Siegner, U., Fluck, R., Zhang, G., Keller, U. Ultrafast high-intensity nonlinear absorption dynamics in low-temperature grown gallium arsenide 114638
Siegner, U. *see* Hopmeier, M. 75699
Siegrist, J. *see* Unno, Y. 80035
Siegrist, J. *see* Unno, Y. 100858
Siegrist, M.R. *see* Urban, M. 105120
Sieh Teng Chih *see* Chih Sieh Teng
Siejko, K. *see* Bevington, J.E. 88714
Siemann, R.H. *see* Bane, K. 89979
Siemann, R.H. *see* Holtzapple, R.L. 100529
Siemann, R.H. *see* Minty, M.G. 89838
Siemann, R.H. *see* Minty, M.G. 89966
Siemann, R.H. *see* Minty, M.G. 90009
Siemann, R.H. *see* Minty, M.G. 100641
Siemko, A. *see* Ostler, J. 90043
Siemko, A. *see* Walckiers, L. 90042
Siemon, H. Piotrowski's infinite series of Steiner quadruple systems revisited 72403
Siemsen, K.J., Madeej, A.A., Whitford, B.G. Frequency stabilized ammonia laser system for probing the 24 THz clock transition of a trapped barium ion 96094
Siemsen, K.J. *see* Madej, A.A. 79645
Sien Chi, Senfar Wen Derivation of a wave equation for pulse propagation beyond a slowly varying envelope approximation 116040
Sien Chi, Ying-Tso Lin, Senfar Wen Phase conjugation of optical pulses in fibers and in semiconductor laser amplifiers 116692
Sien Chi *see* Yung-Kuang Chen 68490
Sien Tan Swee *see* Swee Sien Tan
Sienicki, J. *see* Agrawal, P. 99283
Sienicki, J. *see* Yajnik, S. 88336
Sienicki, W., Hryniewicz, T. Tungsten diselenide heterojunction photoelectrodes 116224
Sienicki, W. *see* Hryniewicz, T. 92785
Sienkiewicz, A., Smith, B.G., Veselov, A., Scholes, C.P. Tunable Q-band resonator for low temperature electron paramagnetic resonance/electron nuclear double resonance measurements 73673
Sienkiewicz, Z.J., Haylock, R.G.E., Saunders, R.D. Acute exposure to power-frequency magnetic fields has no effect on the acquisition of a spatial learning task by adult male mice 90622
Sienski, K., Eden, R., Schaefer, D. 3-D electronic interconnect packaging 73917
Sienski, K., Field, C., Schreiner, C., Chivers, M. Mixed signal digital sub-band tuner multichip module 62063
Sierakowski, M., Domanski, A.W. Liquid crystal light attenuator for fiber optic network 95861
Sierakowski, M. *see* Karpierz, M.A. 116077
Sierczynska, A. *see* Kopczyk, M. 91708
Sierens, C., Krijntjes, K., Nunes, M.S., Pfeiffer, B., Boettle, D., Ramlot, G., Joao Bastos, A., Konstantoulakis, G. A first description of the hybrid fiber coax concept in the framework of the ACTS project ATHOC 67950
Sierens, C. *see* Vandenameele, J. 79169
Siergiej, R. *see* Crofton, J. 105471
Siergiej, R.R., Agarwal, A.K., Wagner, W.E., III, White, M.H., Brandt, C.D., Driver, M.C., Hopkins, R.H. Novel SiC device technology featuring enhancement and depletion mode transistors 63954
Siergiej, R.R., Sriram, S., Clarke, R.C., Agarwal, A.K., Brandt, C.D., Burk, A.A., Jr., Smith, T.J., Morse, A., Orphanos, P.A. SiC microwave power transistors 106040
Siergiej, R.R. *see* Agarwal, A.K. 105997
Siergiej, R.R. *see* Brandt, C.D. 104054
Siergiej, R.R. *see* Casady, J.B. 84367
Siergiej, R.R. *see* Casady, J.B. 106042
Siergiej, R.R. *see* Morse, A.W. 83380
Siergiej, R.R. *see* Sriram, S. 62274
Sierra, M., Vera Isasa, M., Pino, A.G. Analysis of slot array antennas on a radial fed line 117065
Sierra, R.A. *see* Russell, J.A. 107202
Siersema, P.D. *see* Enning, C.J.W.A. 110649
Sievanen, H. *see* Lehtinen, R. 90523
Sieverding, T., Bornemann, J., Arndt, F. Mode-matching CAD method for broad-wall couplers with square apertures of different size 114216
Sievert, J.D. *see* Kanada, T. 115847
Siew, W.H. *see* Yaacob, M.M. 112070
Siewers, M.I. *see* Iman, R.L. 73856
Siewert, B., Bly, B.M., Schlaug, G., Darby, D.G., Thangaraj, V., Warach, S., Edelman, R.R. Comparison of the BOLD- and EPISTAR-technique for functional brain imaging by using signal detection theory 120339
Siewert, J., Schon, G. Charge transport in voltage-biased superconducting single-electron transistors 115941
Siewert, J. *see* Barth, R. 110163
Siewierski, T. *see* Marchionni, A. 80950
Siewierski, T. *see* Massucco, S. 101885
Siferd, R. *see* Gomez, G. 74826
Siferd, R.E. *see* Loonawat, G. 114123
Siferd, R.E. *see* Ramaswamy, S. 113930
Siffert, P. *see* Chibani, L. 94350
Sifniotopoulos, C.G. *see* Saridakis, Y.G. 72715
Sifu Zhang, Benmakroha, Y., Rolfe, P., Tanaka, S., Ishihara, K. Development of a haemocompatible pO_2 sensor with phospholipid-based copolymer membrane 110242
Sig Kang Ki *see* Ki Sig Kang
Sigalas, M.M., McCalmont, J.S., Ho, K.-M., Tuttle, G. Theoretical and experimental study of silicon-based angular filters 75670
Sigalas, M.M. *see* McCalmont, J.S. 62167
Sigari, P. *see* Rafian, M. 101942
Sigel, C. *see* Ratsep, M. 96831
Sigel, G.H., Jr *see* Li, J. 116014
Sigelmann, R.A. *see* Adamowski, J.C. 119896

Sigg, H., van Son, P., Kohler, K. Photon drag spectroscopy of a two-dimensional electron system 105187
Sigg, H.G. *see* Epler, J.E. 96273
Sigg, J., Bruckmann, M., Turkes, P. The series connection of IGBTs investigated by experiments and simulation 121718
Sigg, P. *see* Stammbach, T. 100434
Sigihara, T. *see* Kono, J. 105391
Sigismondi, S. *see* Amodeo, G. 111327
Sigiuk, H.I., Pardoe, B.H. DQDB network with a closed loop bandwidth balancing 108835
Sigl, R. *see* Brauninger, H. 90702
Sigle, R. *see* Alfano, M. 109243
Sigmar, D.J. *see* Batishcheva, A.A. 82555
Sigmon, T.W. *see* Barbero, C.J. 105448
Sigmon, T.W. *see* Deng, C. 72809
Sigmon, T.W. *see* Deng, C. 83955
Sigmon, T.W. *see* Deng, C. 92701
Sigmon, T.W. *see* Deng, C. 113300
Sigmon, T.W. *see* Verma, G. 84089
Sigmund, A. *see* Hoffman, D. 88558
Sigmund, H. *see* Leon, B. 61365
Sigmund, O. *see* Larsen, U.D. 74954
Sigmund, R. *see* Flak, T. 72466
Signes, J. Reducing the codebook size in fractal image compression by geometrical analysis 86551
Signorelli, M. *see* Delfiore, G. 102409
Signorini, M.G. *see* Cerutti, S. 110852
Signorini, R. *see* Bozio, R. 107541
Signorotto, P. *see* Fiorino, C. 80526
Sigogne, D., Ougazzaden, A., Meichenin, D., Mersali, B., Carenco, A., Simon, J.C., Valiente, I., Vassallo, C., Billes, L. 1.55 μm polarisation insensitive InGaAsP strained MQW optical amplifier integrated with short spot-size converters 88601
Sigov, A.S. *see* Petrovsky, V.I. 106375
Sigrist, M. *see* Mannhart, J. 95481
Sigrist, M.W. *see* Repond, P. 111303
Sigut, J. *see* Moreno, L. 101351
Sih-Li Chen, Tzong-Shing Lee, Hsing-Fei Wu, Jung-Liang Yen, Ming-Tzong Tseng Investigation on the performance testing method for ice-storage air-conditioned systems 82009
Sihai Xiao, Xiaofa Shi, Guiliang Feng, Rao, T.R.N. A generalization of the single b-Bit byte error correcting and double bit error detecting codes for high-speed memory systems 66395
Sihan Lin *see* Feuerstein, R.J. 64783
Sihan Qing *see* Qing Sihan
Sihler, C., Friesinger, G., Kathol, H., Ulbricht, A., Wuchner, F. Structural analysis and measurement of the mechanical behaviour of the POLO coil under static and dynamic loads 95587
Sihler, C., Heller, R., Maurer, W., Ulbricht, A., Wuchner, E. Investigation of critical parameters for the stability of ac magnets 106717
Sihler, C. *see* Darweschsad, M. 95517
Sihler, C. *see* Miri, A.M. 106706
Sihua Chen *see* Bi Zhang 61401
Sihvola, A., Lindell, I., Oksanen, M., Hujanen, A. Broadband microwave measurements and analysis of artificial chiral materials 69464
Sihvola, A. *see* Shanker, B. 96876
Sihvola, A.H., Juntunen, J.O., Eratuuli, P. Macroscopic electromagnetic properties of bi-anisotropic mixtures 76371
Siilasto, S. *see* Porra, V. 118915
Sijbrandij, S.J. *see* Cerezo, A. 79563
Sijercic, Z., Agarwal, G. Factorizations of IIR biorthogonal filter banks based on generalized Bezout identity 117427
Sijin Choe Winston *see* Winston Sijin Choe
Sijing Fu *see* Fu Sijing
Sijing Zhang, Burns, A., Wellings, A. An efficient and practical local synchronous bandwidth allocation scheme for the timed-token MAC protocol 87794
Sijiong Zhang *see* Yongtian Wang 116747
Sijun Zhang *see* Zhang Sijun
Sijung Chang *see* Eunsung Lim 117783
Sik, H. *see* Rigny, A. 119132
Sik Chung Kyu *see* Kyu Sik Chung
Sik Hong Dae *see* Dae Sik Hong
Sik Hwang Chan *see* Chan Sik Hwang
Sik Joo Koan *see* Koan Sik Joo
Sik Jung Hong *see* Hong Sik Jung
Sik Kim Dae *see* Dae Sik Kim
Sik Kim Hee *see* Hee Sik Kim
Sik Kim Hong *see* Hong Sik Kim
Sik Park Jin *see* Jin Sik Park
Sik Park Kang *see* Kang Sik Park
Sik Son Chang *see* Chang Sik Son
Sik Yang Sang *see* Sang Sik Yang
Sik Yim Chooen *see* Chooen Sik Yim
Sik Youn Young *see* Young Sik Youn
Sik-Han Soh, Messick, C., Chih-Chang Chen, Chuan-Pu Liu, Bakel, B., Peterson, R., Sadwick, L. Fast test at wafer-level for endurance of tunnel oxide 64062
Sika, Z., Bezrukovs, V. Research into magnetic systems of special design synchronous machines 121454
Sika, Z., Petrovs, B. Research into electrodynamic interaction of current coils with conducting sheets 122022
Sika, Z. *see* Bondarenko, B. 121516
Siklos, S.T.C. *see* Archer, M.D. 74327
Sikora, E.S.R. *see* Gleeson, L.M. 64676
Sikora, E.S.R. *see* Schuh, R.E. 85018
Sikora, J. *see* Billing, M. 90005
Sikora, J. *see* Kwiatkowska, A. 76351
Sikora, J. *see* Rymarczyk, T. 77200
Sikora, J. *see* Sikora, R. 69438
Sikora, J.P. *see* Rogers, J.T. 100525
Sikora, R., Chhajed, D., Shaw, M.J. Integrating the lot-sizing and sequencing decisions for scheduling a capacitated flow line 104941
Sikora, R., Kaminska, A., Sikora, J. The inverse problem solution for infinite regions using the impedence tomography technique 69438
Sikora, R., Zenczak, M. The role of the knowledge on electromagnetism for electric engineer education 72133
Sikora, R., Zenczak, M. Mathematical modelling of the human body impedance observed from the skin surface as the function of the frequency 101399
Sikora, R.E. *see* Cameron, P.R. 100536
Sikora, T.D., Thompson, D.R., Young, G.S., Winstead, N.S. Evidence of a land breeze in an ERS-1 SAR image of the New Jersey coastline 111235
Sikora, T.D. *see* Beal, R.C. 111236
Sikorski, A. *see* Citko, T. 81548
Sikorski, L. Composite voltage generator for induced-failure lamp test 81993
Sikula, J., Hruska, P., Pazdera, L., Vasina, P., Hanzlicek, D., Buben, M., Vymlatil, S. Low frequency noise of metallic thin films and reliability of resistors 93949
Sikula, J., Hruska, P., Vasina, P. Low frequency noise spectroscopy and reliability prediction of semiconductor devices 94878
Sikula, J., Schauer, P., Vasina, P., Sikulova, M., Koktavy, B., Chobola, Z., Navarova, H., Pazdera, L. 1/f noise in metallic thin films 104887
Sikula, J. *see* Koktavy, B. 93967
Sikula, J. *see* Koktavy, B. 93972
Sikulova, M. *see* Sikula, J. 104887
Sikun Li *see* Li Sikun
Sil Chon Byoung *see* Byoung Sil Chon
Silaev, A. *see* Vorobiova, A. 95427
Silaev, A.G. *see* Pantsyrnyi, V.I. 95565
Silaev, A.G. *see* Pantsyrnyi, V.I. 95566
Silaev, A.M. Optimal estimation of the parameters of a nonstationary random pulse train in discrete time 108283
Silant'ev, Yu. *see* Dodel, G. 109826
Silant'ev, Yu.N. *see* Denisov, V.I. 109825
Silant'ev, Yu.N. *see* Romanenko, A.F. 109828
Silantiev, J. *see* Dodel, H. 99449
Silari, M. *see* Agosteo, S. 69583
Silari, M. *see* Agosteo, S. 90649
Silari, M. *see* Amaldi, U. 101423
Silber, D. *see* Fatemizadeh, B. 61601
Silber, D. *see* Kneifel, M. 61604
Silber, D. *see* Kneifel, M. 121611
Silberberg, Y. *see* da Silva, V.L. 107512
Silberberg, Y. *see* Horowitz, M. 95627
Silberg, M. *see* Agranat, A.J. 85215
Silberschatz, A. *see* Ozden, B. 98851
Silberschatz, A. *see* Ozden, B. 99795
Silberschatz, A. *see* Ozden, B. 119500
Silberstein, E. *see* Bromberg, A. 110233
Silbiger, M. *see* Qian, W. 80222
Silbiger, M.L. *see* Bensaid, A.M. 67096
Sileny, J., Plomerova, J. Inversion of shear-wave splitting parameters to retrieve three-dimensional orientation of anisotropy in continental lithosphere 101513
Sileny, J. *see* Plomerova, J. 101514
Silfvast, W.T. Tutorial on short wave-length lasers 107036
Silfvast, W.T. Tutorial on short wave-length lasers 116294
Silfvast, W.T. Pulsed metal vapor lasers: past and future 116371
Silier, I., Gutjahr, A., Banhart, F., Konuma, M., Bauser, E., Schollkopf, V., Frey, H. Growth of multi-crystalline silicon on seeded glass from metallic solutions 113403
Silier, I. *see* Raidt, H. 113379
Silier, L. *see* Kohler, R. 113349
Silin, A.P. *see* Kolesnikov, A.V. 105234
Silin, E. *see* Gulaev, V. 73974
Silin, E. *see* Gulaev, V. 100835
Silinsh, E.A. Photoactive molecular multilayer Langmuir-Blodgett (LB) films of oriented dipolar betaine type organic molecules 106744
Silinsh, E.A. Photoactive molecular multilayer Langmuir-Blodgett (LB) films of oriented dipolar betaine type organic molecules 116641
Silio, C.B., Jr. *see* Hershey, P.C. 98595
Siliprandi, P. *see* Gregoris, G. 112862
Siliquini, J.F., Fynn, K.A., Musca, C.A., Nener, B.D., Dell, J.H., Faraone, L. Long-wavelength infrared photoconductor technology based on epitaxially grown $Hg_{1-x}Cd_xTe$ 69150
Siliquini, J.F., Musca, C.A., Nener, B.D., Faraone, L. Mid-wavelength infrared $Hg_{1-x}Cd_xTe$ photoconductor performance at T>80 K 69152
Siliquini, J.F. *see* Fynn, K.A. 69151
Siliquini, J.F. *see* Musca, C.A. 69154
Silivra, A.A. FEL on slow cyclotron wave 96520
Siljak, D.D. *see* Amano, M. 101735
Siljeholm, O. *see* Lindahl, S. 102248
Silk, M.G. An evaluation of the performance of the TOFD technique as a means of sizing flaws, with particular reference to flaws with curved profiles 61477
Silkaitis, J.M. *see* Douglas, B.L. 88736
Silke, C. *see* Jongen, Y. 101424
Sillard, P. *see* Pankoke, R. 75902
Sillence, C.D. *see* Murphy, J.A. 78967
Sillitoe, I., Visioli, A., Zanichelli, F., Caselli, S. Experiments in the piece-wise linear approximation of ultrasonic echoes for object recognition in manipulation tasks 80695
Sillmon, R.S. *see* Shaw, J.L. 74043
Sillou, D. *see* Zalessky, V.B. 80056
Sillou, D. *see* Zalessky, V.B. 100890
Silsbee, P.L., Bovik, A.C. Computer lipreading for improved accuracy in automatic speech recognition 108226
Silva, A., Ribeiro, V., Ramos, F., Pereira, S. Telecineangiography: a case study with client-server environments and ATM backbones 110819
Silva, A. *see* Gilleo, K. 82271
Silva, A.A., Rodriguez-Vera, R. Design of an optical level using the Talbot effect 119949
Silva, A.Alves da *see* Alves da Silva, A.
Silva, A.Da *see* Da Silva, A.
Silva, A.F.D. *see* Bezerra, J.M.B. 102212
Silva, A.M.Leite da *see* Leite da Silva, A.M.
Silva, A.P.Alves da *see* Alves da Silva, A.P.
Silva, A.R.De Jesus *see* De Jesus Silva, A.R.
Silva, A.R.J., Martins, D.C. Numerical simulation of power static converters: diagonalization method of the dynamical matrix 121748
Silva, A.S.e *see* e Silva, A.S.
Silva, C. *see* Rudnick, H. 102003
Silva, C.M.da *see* da Silva, C.M.
Silva, C.P. A survey of chaos and its applications 98543
Silva, C.P. *see* Clark, C.J. 100285
Silva, C.W.de *see* de Silva, C.W.
Silva, E.A.B.da *see* da Silva, E.A.B.
Silva, E.Da *see* Da Silva, E.
Silva, E.De Souza e *see* De Souza e Silva, E.
Silva, E.F.da, Jr. *see* da Silva, E.F., Jr.
Silva, E.Luiz da *see* Luiz da Silva, E.
Silva, E.Pereira da *see* Pereira da Silva, E.
Silva, E.R. *see* Kalman, R.F. 85345
Silva, E.R.C.da *see* da Silva, E.R.C.
Silva, E.R.da *see* da Silva, E.R.
Silva, F., Gicquel, A., Tardieu, A., Cledat, P., Chauveau, T. Control of an MPACVD reactor for polycrystalline textured diamond films synthesis: role of microwave power density 72923
Silva, F. *see* Jany, C. 82739
Silva, F.M.Assis *see* Assis Silva, F.M.
Silva, H.J.A.da *see* da Silva, H.J.A.
Silva, J., Caldera, J.R., Passariello, G. DSP application for QRS detection, alignment and averaging in ECG signals 101386
Silva, J.A.P.da *see* da Silva, J.A.P.
Silva, J.B., Leme, C.A., Franca, J.E. A fully-differential self-calibrated switched-current ΔΣ modulator 93518
Silva, J.Barreiro da *see* Barreiro da Silva, J.
Silva, J.Fernando *see* Fernando Silva, J.
Silva, J.H. *see* Herd, J.S. 97357
Silva, J.Machado da *see* Machado da Silva, J.
Silva, L.B.Da *see* Da Silva, L.B.
Silva, L.C.De *see* De Silva, L.C.
Silva, L.E.B.da *see* da Silva, L.E.B.
Silva, M. *see* Albuquerque, E. 61849
Silva, M. *see* Conde, J.P. 94501
Silva, M. *see* Conde, J.P. 114720
Silva, M.A.A. *see* Brafman, O. 92712
Silva, M.C.da *see* da Silva, M.C.
Silva, M.de *see* de Silva, M.
Silva, M.de P.A. *see* de P.A. Silva, M.
Silva, M.De.P.A. *see* Gusev, G.M. 63032
Silva, M.F.Da *see* Da Silva, M.F.
Silva, M.G.Da *see* Da Silva, M.G.
Silva, M.I.N.da *see* da Silva, M.I.N.
Silva, M.M. *see* Costa, J.M.F.D. 102826
Silva, M.T.C., Calligaris, A.O., Jr. 550 Å tunable InGaAsP/InP MQW grating-assisted vertical wavelength-selective filter 99538
Silva, M.T.C., de Francisco, C.A. Ultra-wide bandwidth, low voltage, and chirp-free optical intensity modulator: design and performance analysis 85099
Silva, M.T.C. *see* Manfrin, S.K. 99954
Silva, M.T.Camargo *see* Camargo Silva, M.T.
Silva, N.J.S. *see* Brazio, J.M. 109420
Silva, N.S., Belo, C.A., Brazio, J.M. Structure and mobility functions for the MCPN 118837
Silva, P.A.da, Jr. *see* da Silva, P.A., Jr.
Silva, P.R., Santos, A., Jr., Jota, F.G. An intelligent system for automatic detection of high impedance faults in electrical distribution systems 91127
Silva, R. *see* Butler, N. 69300
Silva, R. *see* Santos, V. 68192
Silva, R.De *see* De Silva, R.
Silva, R.M.C. *see* Simoes, J.B. 90210
Silva, R.M.C. *see* Simoes, J.B. 100943
Silva, S.R.P. *see* Amaratunga, G.A.J. 62555
Silva, S.R.P. *see* Amaratunga, G.A.J. 94178
Silva, S.R.P. *see* Okano, K. 94175
Silva, T.J. *see* Crawford, T.M. 115490
Silva, V., de Sa, L. Analytical optimization of CQF filter banks 77397
Silva, V.Barbosa da *see* Barbosa da Silva, V.
Silva, V.C., Foggia, A. A 3D finite-element computation of end-winding forces in large hydrogenerators at steady state operating conditions 91382

Silva, V.C., Meunier, G., Foggia, A. A 3D finite-element computation of eddy currents and losses in the stator end laminations of large synchronous machines 71286
Silva, V.F.da *see* da Silva, V.F.
Silva, V.L.Da *see* Da Silva, V.L.
Silva Matos *see* Machado da Silva, J. 93613
Silva Matos, J. *see* Machado da Silva, J. 73568
Silva Mello, L.A.R., Dhein, N.R., Costa, E., Einloft, C.M., Siqueira, G.L. Differential rain attenuation in converging links 97145
Silva Mello, L.A.R., Pontes, M.S., Souza, R.S.L. Radiometric measurements of the effective rain height in the tropics 99452
Silva Mello, L.A.R. *see* Costa, E. 97146
Silva Sthel, M., Moreira de Castro, R., Jr. Simple method of theodolite alignment using laser 119631
Silva-Martinez, J. Adjustable CMOS voltage limiters for low-voltage applications 114151
Silva-Martinez, J., Carreto-Castro, F. Improving the high-frequency response of the folded-cascode amplifiers 113772
Silva-Martinez, J., Suner, J.S. Low frequency amplifiers for electret microphones 93141
Silva-Martinez, J., Suner, J.S. Very low frequency IC filters 93565
Silveira, F., Flandre, D., Jespers, P.G.A. A g_m/I_D based methodology for the design of CMOS analog circuits and its application to the synthesis of a silicon-on-insulator micropower OTA 106191
Silveira, J.P., Grasdepot, F. New signal processing for wavelength modulation spectroscopy: application to an industrial methane sensor 69340
Silveira, L., Jr. *see* Zangaro, R.A. 110761
Silveira, L.Miguel *see* Miguel Silveira, L.
Silveira, M.doC.G. *see* Minussi, C.R. 101682
Silveira, P.D.B.da *see* da Silveira, P.D.B.
Silveira, R. *see* Romao, F.L. 98975
Silven, O. *see* Heikkila, J. 67427
Silvennoinen, R., Rasanen, J., Savolainen, M., Peiponen, K.-E., Uozumi, J., Asakura, T. On simultaneous optical sensing of local curvature and roughness of metal surfaces 79295
Silvennoinen, R., Uozumi, J., Asakura, T. Simulation of synthetic Fresnel hologram with pixel phase error function 65552
Silventoinen, M., Rantalainen, T. Mobile station locating in GSM 118839
Silventoinen, M. *see* Honkasalo, Z. 68306
Silventoinen, M. *see* Ling Wang 109552
Silventoinen, M.I., Kuusela, M., Ranta, P.A. Total frequency hopping for home base stations 99279
Silventoinen, M.I., Rantalainen, T. Mobile station emergency locating in GSM 99276
Silver, A., Akerling, G., Auten, R., Durand, D., Godden, J., Lan, K.-F., Murduck, J., Orsini, R., Raab, J., Schwarzbek, S., Tward, E., Wire, M. A space-qualified experiment integrating HTS digital circuits and small cryocoolers 93198
Silver, B., Moghe, M., Eichen, E., Doleac, J., Bhatnagar, R., Zhaogang Qian, Wan, H., Brooks, D. Preemptive detection of failure in telephone networks 87623
Silver, D. *see* Van Walsum, T. 86898
Silver, G.L. Easy methods for three-dimensional data 113216
Silver, J.A. *see* Stanton, A.C. 69366
Silver, L. *see* Burkhardt, L. 68338
Silver, L. *see* Heckathorn, J. 68339
Silver, M., Phillips, A.F., O'Reilly, E.P., Adams, A.R. Influence of Auger recombination on the temperature sensitivity of bulk and strained quantum well 1.3 μm semiconductor lasers 96359
Silver, M. *see* Kelly, A.E. 107303
Silver, R., Potzick, J., Scire, F., Larrabee, R. High accuracy overlay measurements [lithography] 115067
Silver, T.M. *see* Davies, A.G. 62908
Silverberg, R.F. *see* Kowitt, M.S. 99705
Silverman, H.F. *see* Brandstein, M.S. 80691
Silverman, J. Processing of materials and waste streams by electron and ion beams 60734
Silverman, L., Kuenher, G., Jupina, M. Rad-hard successive detection microwave logarithmic amplifiers employing GaAs monolithic chips using heterojunction bipolar transistors 62333
Silverman, P.J. *see* Xu, Q. 92711
Silverman, R. *see* Mount, D.M. 98048
Silverman, R.W. *see* Cherry, S.R. 90348
Silverman, R.W. *see* Cherry, S.R. 101340
Silverman, R.W. *see* Siegel, S. 90207
Silverman, R.W. *see* Siegel, S. 100926
Silverman, R.W. *see* Yiping Shao 90349
Silverman, R.W. *see* Yiping Shao 101110
Silverman, R.W. *see* Yiping Shao 101120
Silverman, S. Laser microchemical technology enables real-time editing of first-run silicon 107677
Silverman, S. *see* Rafian, M. 101942
Silverstein, L.D. *see* Fiske, T.G. 89301
Silverstein, L.D. *see* Larimer, J. 100197
Silverstein, L.D. *see* Martin, R.A. 110298
Silversten, J.W. *see* Gang Wang 75242
Silvester, P.P. Symbolic computation for boundary element methods 62366
Silvester, P.P., Coccioli, R. Multipole characterization and detection of metallic bodies 99938
Silvester, P.P., Coccioli, R. Multipole characterization and detection of metallic bodies 99939
Silvester, P.P., Omeragic, D. Sensitivity maps for metal detector design 70460
Silvester, P.P. *see* Coccioli, R. 97256
Silvester, P.P. *see* Coccioli, R. 110106
Silvester, P.P. *see* Dufresne, M. 61098
Silvester, P.P. *see* Hamdi, E.S. 121439
Silvester, P.P. *see* Santini, E. 65641
Silvester, P.P. *(editor)* Software Applications in Electrical Engineering 60344
Silvester, P.P. *(editor)* Software for Electrical Engineering Analysis and Design 103215
Silvestre, C., Hauser, J.R. Time-dependent dielectric breakdown measurements on RPECVD and thermal oxides 94616
Silvestre, C.L. *see* Jernigan, G.G. 104010
Silvestre, E., Andres, P., Ojeda-Castaneda, J. Self-imaging in GRIN media 116033
Silvestre, E. *see* Ley-Koo, E. 116016
Silvestre, L. *see* Bouadma, N. 96399
Silvestre, L. *see* Delprat, D. 96424
Silvestre, N. *see* Merlat, L. 62107
Silvestri, A. *see* Berizzi, A. 80799
Silvestri, A. *see* Berizzi, A. 111458
Silvestri, C. *see* Francescon, P. 80296
Silvestri, F. *see* Calandra, E.F. 114280
Silvestri, S.De *see* De Silvestri, S.
Silvestrini, P., Ruggiero, B., Esposito, A., Ovchinnikov, Y.N. Comments on an experiment of resonant tunnelling between macroscopically distinct quantum levels 95506
Silvestro, J., Xingchao Yuan, Cendes, Z. Accuracy of the finite element method with second order absorbing boundary conditions for the solution of aperture radiation problems 97320
Silvino, J.L. *see* Bottura, C.P. 81440
Silvo, L.C.da *see* da Silvo, L.C.
Silvus, H.S., Jr. Failure analysis of 35-mm slides with corrective actions 92095
Sim, A. *see* Chew, S. 75269
Sim, E.D. *see* Chang, S.K. 74173
Sim, H.C. *see* Wong, K.C. 98002
Sim, J. *see* Bhat, C.M. 89794
Sim, J.H. *see* Ryu, C.W. 114979
Sim, J.W. *see* Glass, H.D. 100644
Sim, J.W. *see* Harding, D.J. 89795
Sim, J.W. *see* Harding, D.J. 89796
Sim, K.S. *see* Leslie, A.J. 106121
Sim, S.L., Er, M.H. Constrained optimisation technique for general array pattern synthesis 66112
Sim, S.L., Er, M.H. An effective quiescent pattern control strategy for GSC structure 97663
Sim Dong Youn *see* Dong Youn Sim
Sim Dong-Gyu *see* Dong-Gyu Sim
Sim Dong-Joon *see* Dong-Joon Sim
Sim Eun Deok *see* Eun Deok Sim
Sim Jai-Hoon *see* Jai-Hoon Sim
Sim Soo Bo *see* Soo Bo Sim
Sim Young Jim *see* Young Jim Sim
Sim Young-Jin *see* Young-Jin Sim
Sim Youngjin *see* Youngjin Sim
Sima, I. *see* Balan, C. 61657
Sima, I.T., Balan, C. A method to find the optimal impedances to the terminations in the broadband small signal amplifiers in the case of a bilateral transistor 62258
Simakin, A.V. *see* Dolgaev, S.I. 94796
Simakin, S.G. *see* Smirnov, V.K. 105099
Simakov, V.V. *see* Kisin, V.V. 69363
Simanapalli, S. *see* Kotta, S. 93457
Simander, G. *see* Kordesch, K. 92018
Simao, J.M., Aspinwall, D.K., Wise, M.L.H., El-Menshawy, F. Electrical discharge texturing of cold mill work rolls using different tool electrode materials 82024
Simard, M., Marchand, R. S2: a finite element code for modelling transport in tokamak divertor and SOL 82568
Simard, M.-A., Couture, J., Bosse, E. Data fusion of multiple sensors attribute information for target identity estimation using a Dempster-Shafer evidential combination algorithm 111421
Simard, M.-A. *see* Couture, J. 111410
Simard, P.Y. *see* Cloutier, J. 61963
Simard-Normandin, M. *see* Liu, Q. 75682
Simashkevich, A.V. *see* Gagara, L.S. 84044
Simburger, W., Knapp, H., Weger, P. Characterization of a microwave silicon single-chip direct conversion RF transceiver 118860
Simburger, W., Trost, H.P., Wohlmuth, H.D., Knapp, H., Weger, P. 1.3 W 1.9 GHz and 1 W 2.4 GHz power amplifier MMIC in silicon 104868
Simburger, W. *see* Treitinger, L. 73798
Simchick, R.T. *see* Barber, P.G. 61136
Simeone, M.G. *see* Bruni, M.R. 63050
Simeonidou, D., Haxell, I., Guild, K. WDM transmission considerations for submarine network applications 78715
Simeonidou, D., Jones, K.P., Rey, A., Chaudhry, M.S., Farrugia, P.A., Windus, G.G., Taylor, N.H., Markel, P.R. 5 Gbit/s transmission over 15,200 km on a subsegment of the TAT-12 transatlantic submarine cable system 78682
Simes, R., Capella, R.-M., Fernier, B., Mayer, H.-P. Manufacture of leading-edge, InP lasers using 50 millimeter processing technology 76018
Simes, R., Capella, R.M., Fernier, B., Mayer, H.P. Leading-edge laser production using two-inch technology 65223
Simeth, J. *see* Hergenroder, H. 121399
Simha, R. *see* Narahari, B. 118174
Simhi, R., Gotshal, Y., Bunimovich, D., Sela, B.-A., Katzir, A. Fiber-optic evanescent-wave spectroscopy for fast multicomponent analysis of human blood 101082
Simili, R. *see* Marchetti, S. 69122
Simin, G.S. *see* Levinshtein, M.E. 74759
Simin, G.S. *see* Palmour, J.W. 63777
Simin Liu *see* Qian Sun 96642
Siminel, A. *see* Friemelt, K. 83888
Simion, B.M., Ramesh, R., Thomas, G. Microstructural characterization of ferrimagnetic substituted iron garnet heterostructures for magneto-optical applications 75185
Simion, E. *see* Micu, D. 96923
Simion, R., Stanton, D. Octabasic Laguerre polynomials and permutation statistics 72573
Simion, S., Iordanescu, S. Determination of broadband equivalent circuit for lossy CPW transmission lines with application in the time domain analysis of linear and nonlinear (M)MICs 62317
Simionescu, A. *see* Herzog, S. 84097
Simionescu, M., Ionescu, F. Method and installation for the measurement of laser radiant flux in the range 10 W to 50 W 89038
Simka, H., Hierlemann, M., Utz, M., Jensen, K.F. Computational chemistry predictions of kinetics and major reaction pathways for germane gas-phase reactions 113421
Simka, H. *see* Jensen, K.F. 82751
Simkevicius, C. *see* Stankevic, V. 80177
Simkiene, I. *see* Grigoras, K. 94301
Simkiene, I. *see* Jarasiunas, K. 94294
Simkin, J. *see* Colyer, B. 92150
Simlinger, T., Deutschmann, R., Fischer, C., Kosina, H., Selberherr, S. Two-dimensional hydrodynamic simulation of High Electron Mobility Transistors using a block iterative scheme in combination with full Newton method 84494
Simlinger, T., Kosina, H., Rottinger, M., Selberherr, S. MINIMOS-NT: A generic simulator for complex semiconductor devices 84289
Simmendinger, C., Hess, O. Controlling delay-induced chaotic behavior of a semiconductor laser with optical feedback 85464
Simmendinger, C., Hess, O. Dynamic control of semiconductor lasers by delayed optical feedback 96365
Simmer, K.W. *see* Fischer, S. 67994
Simmerman, J.K. *see* Rorie, J.F. 70223
Simmins, J.J. *see* Fagan, J.G. 75163
Simmonds, P.E. *see* Davies, A.G. 62908
Simmonds, P.E. *see* Zhang, C. 63805
Simmons, A., Arridge, S.R., Barker, G.J., Williams, S.C.R. Simulation of MRI cluster plots and application to neurological segmentation 69988
Simmons, C. *see* Cooper, S. 114412
Simmons, C. *see* Hughes, R.J. 97510
Simmons, J. *see* Boisset, G.C. 72309
Simmons, J.A. *see* Harff, N.E. 62955
Simmons, J.E. *see* Leitch, M.J. 90240
Simmons, J.G. *see* Evans, J.D. 65196
Simmons, J.G. *see* Matin, M.A. 100036
Simmons, J.G. *see* Nuban, M.F. 92777
Simmons, J.G. *see* Sargunas, V. 74530
Simmons, J.G. *see* Song, K.C. 100027
Simmons, J.G. *see* Wang, J. 103893
Simmons, K.L. *see* Sliva, P. 79460
Simmons, M.Y. *see* Chabasseur-Molyneux, V. 74468
Simmons, M.Y. *see* Davies, A.G. 62908
Simmons, M.Y. *see* Liang, C.-T. 106099
Simmons, M.Y. *see* Mace, D.R. 63097
Simmons, M.Y. *see* Millard, I.S. 62829
Simmons, M.Y. *see* Millard, I.S. 74359
Simmons, M.Y. *see* Shields, A.J. 62984
Simmons, M.Y. *see* Shields, A.J. 74414
Simmons, M.Y. *see* Shiltont, J.M. 74326
Simmons, R. Athermalisation of a fast infrared telescope objective 69240
Simmons, R. *see* Davidson, R. 75285
Simmons, R. *see* Davidson, R. 106604
Simmons, R.C. *see* Decker, W.A. 120594
Simmons, R.F. *see* Davidson, R.J. 115804
Simmons, R.G. *see* Chiu, A. 106599
Simmons, W.W. Simple analytic solutions for uniform irradiation of spherical targets 85565
Simms, P.C. *see* Mueller, K.A. 79787
Simniskis, R. *see* Dagys, M. 119849
Simo, J.B., Kamwa, I. Optimal design of flexible controllers in large power systems using a modal performance measure 101964
Simo, J.B., Kamwa, I., Trudel, G., Tahan, S.-A. Validation of a new modal performance measure for flexible controllers design 70722
Simoen, E., Bosman, G., Vanhellemont, J., Claeys, C. Impact of the substrate quality on the low frequency noise of silicon diodes 105856
Simoen, E., Claeys, C. The operation of partially depleted SOI inverters from room down to liquid helium temperature 63920
Simoen, E., Claeys, C. The low-frequency noise behaviour of silicon-on-insulator technologies 74482
Simoen, E., Claeys, C. The transverse field dependence of the capture kinetics of random telegraph signals in small area Si MOSFETs 84418
Simoen, E., Claeys, C., Martino, J.A. Parameter extraction of MOSFETs operated at low temperature 94978

Simoen, E., Vanhellemont, J., Claeys, C. On the relationship between the bulk recombination lifetime and the excess 1/f noise in silicon p-n junction diodes 62833
Simoen, E., Vanhellemont, J., Claeys, C., Kaniava, A., Gaubas, E. The response of Si p-n junction diodes to proton irradiation 115139
Simoen, E., Vanhellemont, J., Gosman, G., Claeys, C. The impact of the substrate on the electrical performance of silicon junction diodes 63544
Simoen, E. *see* Claeys, C. 105829
Simoen, E. *see* Lukyanchikova, N. 105963
Simoen, E. *see* Nicolett, A.S. 94981
Simoen, E. *see* Ohyama, H. 105874
Simoen, E. *see* Ohyama, H. 105880
Simoen, E. *see* Rotondaro, A.L.P. 114589
Simoen, E. *see* Vegh, G. 94905
Simoes, J.B., Silva, R.M.C., Morgado, A.M.L.S., Correia, C.M. The optical coupling of analog signals 90210
Simoes, J.B., Silva, R.M.C., Morgado, A.M.L.S., Correia, C.M. The optical coupling of analog signals 100943
Simoes, J.B. *see* Morgado, A.M.L.S. 90217
Simoes, J.B. *see* Morgado, A.M.L.S. 100946
Simoes, P.C.P.S., Martins, J.C., Correia, C.M.B.A. A new digital signal processing technique for applications in nuclear spectroscopy 90229
Simoes, P.C.P.S., Martins, J.C., Correia, C.M.B.A. Nuclear spectroscopy pulse analyser board based on digital signal processing techniques 100964
Simon, A. *see* Steup, D. 73814
Simon, B., Mason, R., Runtz, K. High speed analog signal tester 74844
Simon, D., El-Sherief, H. Hybrid Kalman/minimax filtering in phase-locked loops 66837
Simon, D.R. Anonymous communication and anonymous cash 98487
Simon, E.S. *see* Bacchetti, L.F. 85119
Simon, F. *see* Kluth, M.P. 104550
Simon, G., Peceli, G. Adaptive filtering with fictitious error surfaces to achieve global convergence 108255
Simon, G. *see* Avilov, V.V. 65596
Simon, G. *see* Berger, M.-O. 108397
Simon, G. *see* Peceli, G. 104708
Simon, J., Saffer, S., Kim, C.-J. A micromechanical relay with a thermally-driven mercury micro-drop 74969
Simon, J. *see* Mevel, F. 109056
Simon, J.C. *see* Sigogne, D. 88601
Simon, J.J., Perichaud, I., Burle, N., Pasquinelli, M., Martinuzzi, S. Influence of phosphorus diffusion on the recombination strength of dislocations in float zone silicon wafers 114565
Simon, K.M., Wohlert, R.M., Wendler, J.P., Aucoin, L.M., Vye, D.W. K through Ka-band driver and power amplifiers 83424
Simon, L., Faure, J., Mesli, A., Heiser, T., Grob, J.J., Balladore, J.L. XTEM and IR absorption analysis of silicon carbide prepared by high temperature carbon implantation in silicon 94664
Simon, L. *see* Aubel, D. 82597
Simon, L. *see* Ouahabi, A. 110052
Simon, M., Buse, K., Pankrath, R., Kratzig, E., Freschi, A.A. Photoconductivity of photorefractive $Sr_{0.61}Ba_{0.39}Nb_2O_6$:Ce crystals at high light intensities 85251
Simon, M. *see* Barbiellini, G. 69722
Simon, M. *see* Dowie, T. 60765
Simon, M. *see* Poyner, J.R. 60740
Simon, M. *see* Poyner, J.R. 72377
Simon, M. *see* Roser, M. 67902
Simon, M.M., Casamayou, L., Villegas, P., Roser, M. Improved quality video coding for CBR transmission: bit production control and pre-analysis 97963
Simon, P. *see* Calvet, M.C. 111048
Simon, P. *see* Poivey, C. 73462
Simon, P. *see* Poivey, C. 104598
Simon, P. *see* Vaida, V. 81314
Simon, P.L.C., de Vries, P.H.S., Middelhoek, S. Autocalibration of silicon Hall devices 88984
Simon, R., Znati, T., Sclabassi, R.J. Real-time multistream routing over integrated services networks 87857
Simon, R., Znati, T., Sclabassi, R.J. XCAP: a multistream routing algorithm for multimedia traffic 98847
Simon, R. *see* Hupfauer, H. 70965
Simon, W.E. *see* Chu, R.Y.L. 90646
Simon-Gillo, J. *see* Britton, C.L., Jr. 110617
Simoncelli, E.P., Farid, H. Direct differential range estimation using optical masks 67280
Simoncelli, E.P., Farid, H. Steerable wedge filters for local orientation analysis 108501
Simoncini, V., Gallopoulos, E. A hybrid block GMRES method for nonsymmetric systems with multiple right-hand sides 60996
Simoncini, V., Sadkane, M. Arnoldi-Riccati method for large eigenvalue problems 103761
Simondi-Teisseire, B., Viana, B., Lejus, A.-M., Benitez, J.-M., Vivien, D., Borel, C., Templier, R., Wyon, C. Room-temperature CW laser operation at ~1.55 μm (eye-safe range) of Yb:Er and Yb:Er:Ce:$Ca_2Al_2SiO_7$ crystals 116453
Simone, C.De *see* De Simone, C.
Simone, R.De *see* De Simone, R.
Simone, S., Catanesi, M.G., Di Bari, D., Didonna, V., Elia, D., Ghidini, B., Lenti, V., Manzari, V., Nappi, E. A 1024 pad silicon detector to solve tracking ambiguities in high multiplicity events 69783
Simone, S. *see* Antinori, F. 120156
Simone, V.De *see* De Simone, V.
Simoneau, G.G. *see* Bachschmidt, R.A. 70254
Simoneit, P. *see* Hess, C. 115287
Simonelli, O. *see* Badoni, D. 83291
Simonelli, O. *see* Bertazzoni, S. 83287
Simonenko, G.V. *see* Yakovlev, D.A. 89232
Simonetti, A., Vernon, J.F. Mode S applications to mobile aeronautical communications 101494
Simonetti, D., Sebastian, J., Cobos, J.A., Uceda, J. Analysis of the conduction boundary of a boost PFP fed by universal input 121781
Simonetti, D.S.L. *see* Libano, F.B. 120991
Simonetti, D.S.L. *see* Marcio, A.C. 122076
Simonetti, E. *see* Giorgi, L. 81742
Simonetti, L. *see* Alvsvaag, S.J. 90124
Simonetti, N., Balas, E. Implementation of a linear time algorithm for certain generalized traveling salesman problems 113175
Simonetti, O.P., Finn, J.P., White, R.D., Laub, G., Henry, D.A. "Black blood" T2-weighted inversion-recovery MR imaging of the heart 80362
Simonetti, S. *see* Milani, A. 71154
Simoni, L. *see* Cavallini, A. 121831
Simoni, M.H. *see* Pielemeier, W.J. 108251
Simonian, A.D. *see* Guillemin, F.M. 113081
Simonian, A.L. *see* Rainina, E.I. 110239
Simonin, A. *see* Massmann, P. 110526
Simonin, A. *see* Pamela, J. 69697
Simonin, L. *see* Belin, C. 75396
Simonne, J.J., Bauer, F., Audaire, L. Pyroelectric properties of a VDF/TrFE-on-silicon sensor 110157
Simonneau, C. *see* Lovering, D.J. 106910
Simonov, E.A. *see* Kezerashvili, G.Ya. 120092
Simonov, K.V., Nemesh, I. Improvement of fuel utilization and operating conditions of the Paksh nuclear power plant 81291
Simonov, M.D. *see* Inkov, Y.M. 91645
Simonov, M.D. *see* Inkov, Y.M. 91895
Simonov, N.A. New method of measuring non-linear resonant objects at microwaves 119857
Simonov, N.A. *see* Matytsin, S.M. 110349
Simons, A.J. *see* Canham, L.T. 94267
Simons, D. *see* Zagozdzon-Wosik, W. 114901
Simons, D.R. *see* Jennen, J.G.L. 78831
Simons, D.S. *see* Gardner, J. 74523
Simons, D.S. *see* Jones, K.S. 62680
Simons, D.S. *see* Rao, M.V. 105589
Simons, F.O., Jr., Harden, R.C., Robinson, A.L. Continuous singularity functions insight, extensions, and corrections 60779
Simons, N. *see* Roy, L. 117041
Simons, N.R.S. *see* Dhouib, A. 85915
Simons, R. *see* Sturzebecher, D. 86007
Simons, R.N., Dib, N.I., Katehi, L.P.B. Modeling of coplanar stripline discontinuities 65908
Simons, R.N. *see* Goverdhanam, K. 93712
Simons, R.N. *see* Yook, J.G. 83477
Simonse, R. The added value of digital audio broadcasting 88812
Simonton, R. *see* Erokhin, Y. 94687
Simonton, R.B. *see* Tian, S. 94694
Simonyte, V. *see* Slivinskas, V. 66859
Simopoulos, C. *see* Abe, K. 69708
Simopoulos, C. *see* Abe, K. 69726
Simopoulos, C. *see* Bane, K. 89979
Simopoulos, C. *see* Holtzapple, R.L. 100529
Simos, T.E., Tougelidis, G. A Numerov-type method for computing eigenvalues and resonances of the radial Schrodinger equation 103735
Simos, T.E. *see* Avdelas, G. 92621
Simos, T.E. *see* Thomas, R.M. 61059
Simova, E., Kavehrad, M. Light shaping diffusers for indoor wireless infrared communications via a holographic approach 96842
Simovski, C.R. *see* Tretyakov, S.A. 65824
Simovski, C.R. *see* Tretyakov, S.A. 85951
Simoyama, A. *see* Nadaya, N. 67717
Simpkin, D.J. Evaluation of NCRP Report No.49 assumptions on workloads and use factors in diagnostic radiology facilities 80210
Simpkins, S. *see* Watson, D. 73584
Simpo, F. *see* Mutoh, T. 108043
Simpopoulos, C. *see* Holtzapple, R.L. 89866
Simpson, A.C. The impact of wireless local loop technologies in Asian-Pacific markets 87628
Simpson, A.K. Low cost laboratory load bank 103157
Simpson, D.M., Infantosi, A.F.C., Junior, J.F.C., Peixoto, A.J., Abrantes, L.M.deS. On the selection of autoregressive order for electroencephalographic (EEG) signals 101368
Simpson, D.M. *see* Monro, D.M. 77398
Simpson, G.S. *see* Pan, F. 115987
Simpson, I.J. *see* Wagner-Riddle, C. 70521
Simpson, I.R. *see* Grubb, S.G. 65109
Simpson, J., Kummerow, C., Tao, W.-K., Adler, R.F. On the Tropical Rainfall Measuring Mission (TRMM) 120768
Simpson, J. *see* Barov, N. 89644
Simpson, J. *see* Beausang, C.W. 69897
Simpson, J. *see* Catford, W.N. 69884
Simpson, J. *see* Massa, J.S. 74371
Simpson, J. *see* Park, N. 68374
Simpson, J. *see* Park, N. 88564
Simpson, J. *see* Power, J. 90089
Simpson, J. *see* Schoessow, P. 89708
Simpson, J.C. Customer energy services using power line carrier 102319
Simpson, J.C., Tozer, R.C., Freeston, I.L. A fast EIT system applied to a linear array 101359
Simpson, J.R. 1.55 μm erbium-doped fiber amplifiers 68408
Simpson, J.R. *see* Sadowski, R.W. 75509
Simpson, J.R. *see* Stentz, A.J. 65106
Simpson, L. *see* Lin, Q. 115066
Simpson, L.L. *see* Henderson, C.L. 105798
Simpson, M. *see* Hsueh, A. 98952
Simpson, M. *see* Madden, G. 118193
Simpson, M.L., Young, G.R., Jackson, R.G., Xu, M. A monolithic, constant-fraction discriminator using distributed R-C delay line shaping 90214
Simpson, M.L., Young, G.R., Jackson, R.G., Xu, M. A monolithic, constant-fraction discriminator using distributed R-C delay line shaping 100938
Simpson, M.L. *see* Britton, C.L., Jr. 110617
Simpson, M.L. *see* Frank, S.S. 100939
Simpson, M.L. *see* Hutchinson, D.P. 69137
Simpson, M.L. *see* Wintenberg, A.L. 100967
Simpson, P.J. *see* Friessnegg, T. 105534
Simpson, P.J. *see* Knights, A.P. 85055
Simpson, P.J. *see* Mace, D.R. 63097
Simpson, P.K. *see* Brotherton, T.W. 67113
Simpson, R. *see* Li, L. 89377
Simpson, R.J. *see* Jones, C.C.R. 65892
Simpson, R.J. *see* Pywell, M. 100300
Simpson, R.K. *see* Zimmermann, K.P. 90303
Simpson, R.R.S. *see* Tumay, M. 102781
Simpson, R.W. High performance, dual speed CCD camera system for scientific imaging 100138
Simpson, T.B., Kovanis, V., Gavrielides, A., Liu, J.M. Mapping the instabilities and nonlinear dynamics in semiconductor lasers subject to optical injection 107320
Simpson, T.B., Liu, J.M., Gavrielides, A. Small-signal analysis of modulation characteristics in a semiconductor laser subject to strong optical injection 96290
Simpson, T.B. *see* Gavrielides, A. 96364
Simpson, T.B. *see* Liu, J.M. 65248
Simpson, W.C., Shuh, D.K., Hung, W.H., Hakansson, M.C., Kanski, J., Karlsson, U.O., Yarmoff, J.A. Role of surface stoichiometry in the Cl_2/GaAs(001) reaction 94325
Simpson, W.R. *see* Sheppard, J.W. 104425
Simrock, S. *see* Crawford, K. 100624
Simrock, S. *see* Merminga, L. 100625
Simrock, S. *see* Yunn, B.C. 89946
Simrock, S.N. *see* Chowdhary, M. 89943
Simrock, S.N. *see* Chowdhary, M. 100522
Sims, A. *see* Dyer, C.S. 70328
Sims, A.J., Dyer, C.S., Watson, C.J., Peerless, C.L. Measurements of the radiation environment on the APEX satellite 80563
Sims, A.J., Dyer, C.S., Watson, C.J., Peerless, C.L. Measurements of the radiation environment on the APEX satellite 111028
Sims, D. WWW extends "Apprentice's Assistant" to global medical resource 67900
Sims, F. *see* Richard, S. 98209
Sims, J.J. *see* Broughton, H. 117727
Sims, J.R. *see* Campbell, L.J. 96970
Sims, O. Enabling the virtual enterprise. The Internet provides a common communications protocol 118318
Sims, R.D., Miller, K.A., Schepmann, G.F. Rail lubrication measurement 91843
Sims, S.R.F. *see* Mahalanobis, A. 80727
Sims, S.R.F. *see* Mahalanobis, A. 86892
Sims, T. *see* Guard, R. 111016
Simsa, Z. *see* Durcok, S. 106556
Simsek, A., Civelek, M.L., Dundar, G. Study of the effects of nonidealities in multilayer analog neural networks with circuit level simulation 114179
Simsek, B. *see* Rubinov, A.M. 72545
Simsek, E. *see* Wachs, V. 119572
Simserides, C.D., Triberis, G.P. Looking for the maximum low-temperature conductivity in selectively doped $Al_xGa_{1-x}As$-GaAs-$Al_xGa_{1-x}As$ double heterojunctions 94457
Simsik, D. Biological feedback in rehabilitation and exercise machines 120475
Simsik, D. *see* Zivcak, J. 120477
Simula, O. *see* Haitao, T. 98585
Simundic, S. A research into information flows of documentation in production of special purpose vessels: The application of PC network 72208
Simunek, S. *see* Vesely, V. 90965
Simunic, D., Wach, P., Renhart, W. Analysis of eddy currents originating from switched magnetic gradient fields in magnetic resonance imaging 90295
Simunic, D., Wach, P., Renhart, W., Koren, Z. Analysis of time-varying magnetic fields during magnetic resonance imaging 80344
Simunic, D. *see* Koren, Z.T. 90647
Sin, J. *see* Chan, A.B.Y. 115214
Sin, J.K.O. *see* Baoping Wang 83733
Sin, J.K.O. *see* Han, P.G. 64918
Sin, K., Glijer, P., Sivertsen, J.M., Judy, J.H. Electron energy loss spectroscopy studies of CoCrTaPt/Cr thin films for high-density longitudinal magnetic recording media 106521
Sin, K., Wang, S.X. Stress and magnetic properties in high moment FeN thin films 75097

Sin, K., Wang, S.X. FeN/AlN multilayer films for high moment thin film recording heads 115599
Sin, K.O. *see* Chan, W.W.T. 106225
Sin, K.O. *see* Poon, M.C. 84291
Sin, S.H. *see* Kim, D.W. 84030
Sin Giu Kang *see* Eng Chan Kim 115581
Sin Jae Kim *see* Byung Kyun Kim 109390
Sin Kie Poon *see* Tae-Woo Lee 91291
Sin Na Sang *see* Sang Sin Na
Sin Yun Hsu *see* Yuan Xing Li 76768
Sin-Doe Lee *see* Seeng-Woe Suh 64822
Sin-Doo Lee *see* Byoungchoo Park 76158
Sin-Horng Chen *see* Wen-Yuan Chen 76858
Sin-Myeong Mun *see* Myeong-Yong Lee 117954
Sinanan-Singh, R. *see* Ning, J.H. 105925
Sinander, P. *see* Habinc, S. 104267
Sinano, K. *see* Suezawa, H. 94173
Sinap, A., Van Assche, W. Orthogonal matrix polynomials and applications 60994
Sinay, Ya.G. *see* Bassalygo, L.A. 117123
Sincerbox, G.T. *see* Bernal, M.-P. 65569
Sincerbox, G.T. *see* Lundquist, P.M. 75413
Sincerbox, G.T. *see* Wortmann, R. 106757
Sinclair, A. *see* Catchpole, I. 79075
Sinclair, A.N. *see* Ardebili, V.S. 111373
Sinclair, B.D. *see* Matthews, D.G. 65173
Sinclair, C. *see* Dylla, H.F. 76067
Sinclair, C. *see* Kazimi, R. 100584
Sinclair, C. *see* Liu, H. 90083
Sinclair, C. *see* Neuffer, D.V. 79877
Sinclair, C. *see* Ursic, R. 100598
Sinclair, C.K. *see* Dunham, B.M. 90099
Sinclair, D., Blake, A. Quantitative planar region detection 67203
Sinclair, D., Zesar, K. Further constraints on visual articulated motions 86788
Sinclair, G.J., Jones, G.A., Grundy, P.J. Magnetic interactions in CoCrPt bilayer films 106584
Sinclair, G.J. *see* Dova, P. 106582
Sinclair, J.D. *see* Comizzoli, R.B. 69007
Sinclair, J.D. *see* Lobnig, R.E. 61489
Sinclair, M.C. *see* Robson, S.R. 78392
Sinclair, M.C. *see* Segkhoonthod, S. 77587
Sinclair, M.W. *see* Staveley-Smith, L. 68796
Sinclair, R. Types "e" and "n" protection. An update on some standards developments 71247
Sinclair, R. Optimization of reciprocals and square roots on the i860 microprocessor 113965
Sinclair, R., Niwa, M., Kouzaki, T. HREM analysis of ultra-thin oxides 94738
Sinclair, R. *see* Bailey, W.E. 75211
Sinclair, R. *see* Chen, Q. 115602
Sinclair, R. *see* Clark, T.E. 113314
Sinclair, R. *see* Li, J. 106571
Sinclair, R. *see* Niwa, M. 105696
Sinclair, R. *see* Tang, K. 115829
Sinclair, R.I., High, M. LWIR telescope design considerations for high temperature operation 64862
Sinclair, W.K. The present system of quantities and units for radiation protection 90656
Sindair, A.N. *see* Moidu, A.K. 104219
Sindelar, V.R. Universal unit control concepts for instantaneous primary frequency support [steam power plants] 121365
Sindzingre, T. *see* Potier, N. 94057
Sinel'nikov, B.M., Kargin, N.I., Savel'ev, V.A., Danilov, V.P. Thin-film electroluminescent emitters based on calcium sulfide doped with cerium 75715
Sinev, N. *see* Arodzero, A. 80036
Sing Bing Kang, Szeliski, R. 3-D scene data recovery using omnidirectional multibaseline stereo 86402
Sing Bing Kang, Webb, J.A., Zitnick, C.L., Kanade, T. An active multibaseline stereo system with real-time image acquisition 77165
Sing De Ma *see* Ce Wang 86674
Sing Lee Tai *see* Tai Sing Lee
Sing Ma Chi *see* Ma Chi Sing
Sing Wong Ling *see* Ling Sing Wong
Singal, G. *see* Messer, H. 97676
Singaraju, B.K. *see* Borky, J.M. 80567
Singatwaria, S. *see* Chakrabarti, P. 94614
Singer, B. *see* Ball, A.R. 106573
Singer, D.H. *see* Umetani, K. 70155
Singer, H. *see* Aikawa, K. 86143
Singer, K.D. *see* Khaydarov, J.D.V. 96694
Singer, K.D. *see* Kowalczyk, T.C. 75399
Singer, K.D. *see* Kowalczyk, T.C. 96691
Singer, K.E. *see* Coppinger, F. 62929
Singer, K.E. *see* Primrose, P.L. 60497
Singer, L. *see* Ruscak, S. 93521
Singer, M., Stiller, A., Strohm, K.M., Luy, J.-F., Biebl, E.M. A SIMMWIC 76 GHz front-end with high polarization purity 83458
Singer, M., Stiller, A., Strohm, K.M., Luy, J.-F., Biebl, E.M. A SIMMWIC 76 GHz front-end with high polarization purity 93874
Singer, M. *see* Pfeifer, T. 83344
Singer, M.R. *see* LeBlanc, L.R. 88739
Singer, P. Ion implanters: pushing the low energy limits 74536
Singer, P. Low k dielectrics: the search continues 74626
Singer, P. New frontiers in plasma etching 114916
Singer, P. Plasma ashing moves into the mainstream 114923
Singer, P.F., Sasaki, D.M. Analysis of signal capture loss for fully adaptive matched filters 108294
Singer, P.F., Sasaki, D.M. Estimating the degrees of freedom for a common CFAR detector 108550
Singer, P.F. *see* Attili, J.B. 108651
Singer, R. Optimally EMC- and ESD-screened plugs and sockets 114374
Singer, R., Humme, D.H. Discussions of "Industrial system grounding for power, static, lightning, and instrumentation" 112625
Singer, R.F. *see* Greiner, H. 81836
Singer, R.F. *see* Heinrich, G. 72918
Singer, S. Implementation of model based intelligent next generation test generator using neural networks 93247
Singer, S., Fuchs, A. Multiphase AC-DC conversion by means of loss-free resistive networks 93125
Singer, S. *see* Shmilaitz, D. 121605
Singer, S. *see* Shmilovitz, D. 121673
Singer, T. *see* Stegmaier, P. 120530
Singer, W., Dobler, B., Schreiber, H., Brenner, K.-H., Messerschmidt, B. Refractive-index measurement of gradient-index microlenses by diffraction tomography 69532
Singer, W. *see* Bremer, J. 101557
Singer, W. *see* Khattatov, B.V. 120783
Singerl, P., Krawinkel, C. Data transmission without data line, audio measurements without program interruption 88873
Singh, A. Effects of different ambients on W-Si system for silicidation 105737
Singh, A., Mehregany, M., Phillips, S.M., Harvey, R.J., Benjamin, H. Micromachined silicon fuel atomizers for gas turbine engines 74966
Singh, A., Ramos, R., Anderson, S., Purvis, R., Cardimona, D.A., Li, S., Faska, T., Swaminathan, V., Stayt, J.W., Lacoe, R., Gutierez, D.A., Bloss, W.L. Comparison of dark currents of quantum well infrared photodetector structures 69167
Singh, A., Roy, D.K. Resonant tunnelling current density in nanostructures 106102
Singh, A., Velasquez, L. Defect level induced peak in the capacitance-voltage plots of Al/n-GaAs/In and W/n-GaAs/In devices fabricated by RF sputtering 94901
Singh, A., Velasquez, L., Aroca, G. Effect of n-GaAs surface preparation and RF power on the electrical characteristics of W/n-GaAs Schottky diode fabricated by RF sputtering 84302
Singh, A. *see* Choi, J. 94415
Singh, A. *see* Coronado, M.J. 94460
Singh, A. *see* Granatstein, V.L. 100479
Singh, A. *see* Trigwell, S. 83680
Singh, A. *see* Tuttle, G.T. 75262
Singh, A.D., Krishna, C.M. On the effect of defect clustering on test transparency and IC test optimization 84522
Singh, A.K., Singh, R.P. Propagational features of higher harmonic tweeks at low latitudes 107915
Singh, A.K. *see* Christopher, S. 68331
Singh, A.K. *see* Singh, P.K. 106177
Singh, A.P. Automated frequency assignment to obtain operational EMC in the battlefield 76460
Singh, A.P. Multimedia for biomedical engineering–an educational tool 120257
Singh, A.P. *see* Mishra, S.K. 106357
Singh, B. Analysis of the circular phased array of microstrip patches at X-band 66161
Singh, B. Electroacoustic radiation characteristics of microstrip phased array antennas in plasma medium 97358
Singh, B., Newcomb, R.M. Real-time overlay modeling in a sub 0.50μ production environment using the IVS-100 optical metrology system 115073
Singh, B., Siddiqi, M.U. Morphological processing of multichannel images 67045
Singh, B., Siddiqi, M.U. A simplified algorithm for approximate separable decomposition of morphological templates 98318
Singh, B. *see* Hazra, T.K. 98630
Singh, B. *see* Jain, D.K. 111982
Singh, B. *see* Misra, D. 63322
Singh, B. *see* Murthy, S.S. 111977
Singh, B. *see* Murthy, S.S. 111978
Singh, B. *see* Sharma, V.K. 112451
Singh, B. *see* Shilpakar, L.B. 111960
Singh, B. *see* Shilpakar, L.B. 121491
Singh, B. *see* Shridhar, L. 121479
Singh, B. *see* Shridhar, L. 121480
Singh, B. *see* Singh, B.N. 71791
Singh, B. *see* Singh, B.N. 81956
Singh, B. *see* Singh, B.N. 112645
Singh, B. *see* Singh, B.N. 121950
Singh, B. *see* Srivastava, S.P. 102663
Singh, B. *see* Wilder, K. 72322
Singh, B. *see* Wilder, K. 115083
Singh, B.N., Singh, B., Singh, B.P. A comprehensive analysis of vector controlled induction motor drive 71791
Singh, B.N., Singh, B., Singh, B.P. Dynamic performance of vector controlled cage motor drive 81956
Singh, B.N., Singh, B., Singh, B.P. Integrated converter-inverter fed vector controlled induction motor drive without mechanical sensor 121950
Singh, B.N., Singh, B., Singh, B.P., Chandra, A., Al-Haddad, K. Optimized performance of solar powered variable speed induction motor drive 112645
Singh, B.P., Ieda, K., Nomura, R., Mori, M., Goto, T., Uchida, Y., Miyauchi, A. Performance characterization of amplitude modulated harmonically mode-locked Er^{3+} doped fiber ring laser 107408
Singh, B.P. *see* Ayyub, M. 111958
Singh, B.P. *see* Ghorashi, A.H. 111864
Singh, B.P. *see* Murthy, S.S. 111977
Singh, B.P. *see* Singh, B.N. 71791
Singh, B.P. *see* Singh, B.N. 81956
Singh, B.P. *see* Singh, B.N. 112645
Singh, B.P. *see* Singh, B.N. 121950
Singh, B.P. *see* Srivastava, S.C. 110910
Singh, B.R. *see* Dumka, D.C. 74470
Singh, B.S., Pourush, P.K.S. Analysis of a 2×2 element planar array of circular patch microstrip antenna in plasma medium 76655
Singh, C., Gubbala, N. An efficient decomposition approach for multi area production costing 70684
Singh, C., Gubbala, N.V. Comparison of unit addition and fast Fourier transform methods for generation system reliability evaluation 70631
Singh, C., Gubbala, N.V. An alternative approach to rounding off generation models in power system reliability evaluation 90966
Singh, C. *see* Mitra, J. 101923
Singh, D. *see* Bristow, J. 68458
Singh, D. *see* Jayaraj, K. 83677
Singh, D. *see* Narula, R.C. 103828
Singh, D. *see* Singh, J.N. 103676
Singh, D.K. *see* Singh, R. 97131
Singh, D.N. *see* Bhattacharyya, A.B. 74842
Singh, D.N. *see* Datta, D. 106009
Singh, D.N. *see* Shukla, D.K. 105746
Singh, D.T. *see* Durlak, J. 118220
Singh, D.Thomassin *see* Thomassin Singh, D.
Singh, G., Mao, Z. Structured design of communication protocols 87416
Singh, G. *see* Anand, R.K. 110644
Singh, G. *see* Leenhouts, A.C. 91578
Singh, G. *see* Manku, T. 115210
Singh, H., Bawa, H.S., Hundiwal, A.K., Meitzler, T., Gerhart, G. Boolean neural networks for target detection 97948
Singh, H., Tan, H.S. Research and industrial interaction 60502
Singh, H. *see* Burian, E. 90822
Singh, H. *see* Kingsley, L.E. 101634
Singh, H. *see* Meitzler, T. 87145
Singh, H. *see* Narula, R.C. 103828
Singh, H. *see* Rao, J.S. 82111
Singh, H. *see* Wagreich, R.B. 75502
Singh, H.P. *see* Tracy, D.S. 60715
Singh, H.S. *see* Singh, I. 69403
Singh, I., Kumar, A., Singh, H.S., Nijhawan, O.P. Optical design and performance evaluation of a dual-beam combiner head-up display 69403
Singh, J., Bhatti, S.S. Technology in preventive health care of GB system 110879
Singh, J. *see* Bhattacharya, P. 107270
Singh, J. *see* Birkedal, D. 114728
Singh, J. *see* Chand, A. 106292
Singh, J. *see* Freeman, P.N. 74438
Singh, J. *see* Kamath, K. 83962
Singh, J. *see* Kumar, P. 104847
Singh, J. *see* Kun Wang 92871
Singh, J. *see* Stulik, P. 81904
Singh, J. *see* Sung, C.Y. 63079
Singh, J. *see* Sung, C.Y. 116564
Singh, J. *see* Vurgaftman, I. 64983
Singh, J. *see* Zhang, F.C. 82700
Singh, J.N., Ranjan, S., Singh, D. A modified termination rule for Karmarkar's algorithm 103676
Singh, J.P., Yueh, F.Y. Coherent anti-Stokes Raman scattering: application to Coal-Fired Flow Facility 89556
Singh, J.P. *see* Goretta, K.C. 115908
Singh, J.P. *see* Singh, R. 110167
Singh, J.Pal *see* Pal Singh, J.
Singh, J.S., Khan, R.U., Pal, B.B., Chattopadhyay, S.N. Ion implanted GaAs MESFET characteristics for different dopants and implanted energy 106095
Singh, K. The FCC's pioneer's preference policy: an innovative idea grows old and weary 82129
Singh, K., Chiodelli, G., Magistris, A. Transport properties of $AgI-Ag_2O-P_2O_5-MoO_3$ amorphous solid electrolyte 121834
Singh, K., Tamakloe, R.Y. Power output of $Al/SnO_2/n-Si$ solar cell 71716
Singh, K. *see* Kamra, K. 106904
Singh, K. *see* Kumar, A. 69503
Singh, K. *see* Pati, G.S. 97897
Singh, K. *see* Tripathi, A. 116620
Singh, K.P. *see* Katholi, C.R. 103599
Singh, K.P. *see* Pandey, S. 90631
Singh, K.P. *see* Srivastava, S.C. 110910
Singh, M., Patel, P., Khosla, D. Estimation of T2* in functional spectroscopy during visual stimulation 101334
Singh, M., Patel, P., Khosla, D., Kim, T. Segmentation of functional MRI by K-means clustering 90363
Singh, M., Patel, P., Khosla, D., Kim, T. Segmentation of functional MRI by K-means clustering 101333
Singh, M. *see* Devi, K.Y. 110779
Singh, M. *see* Devi, S. 64896
Singh, M. *see* Gupta, N. 104804
Singh, M. *see* Iovenitti, P. 79564
Singh, M. *see* Kataria, D.O. 69846
Singh, M. *see* Khosla, D. 101388
Singh, M. *see* Kundu, R.S. 104140
Singh, M. *see* Paul, V.K. 110874
Singh, M. *see* Tyagi, R. 106951

Singh, M.R. Spectrum utilisation by frequency hopping radio systems vis-a-vis fixed frequency radio systems 78338

Singh, N., Imhof, K., Benahmed, M., Zurcher, O. Modern training simulator–requirements and practical implementation 90998

Singh, N., Yadavalli, V.S.S. Distribution of order statistics with varying number of components in reliability systems 60711

Singh, N. *see* Dondl, P. 101858

Singh, N. *see* Leung, W.C. 111024

Singh, N.B., Dwivedi, V.K., Kumar, M., Mitra, M., Ahmad, S. Two dimensional etching profile simulator 105683

Singh, N.B., Henningsen, T., Balakrishna, V., Suhre, D.R., Fernelius, N., Hopkins, F.K., Zelmon, D.E. Growth and characterization of gallium selenide crystals for far-infrared conversion applications 82580

Singh, N.B. *see* Chari, K.S. 106178

Singh, N.B. *see* Kim, G.T. 113422

Singh, N.K. *see* Foord, J.S. 103921

Singh, O., Ramamoorthy, S., Sheehan, J., Smith, J. Upgrade of NSLS timing system 89619

Singh, O. *see* Gluskin, E. 101000

Singh, O. *see* Randall, K.J. 89635

Singh, O. *see* Safranek, J. 100617

Singh, O.M. 60 Hz beam motion reduction at NSLS UV storage ring 100623

Singh, P., Galyon, G., Chu, K., Rao, S., Larson, H. Ion migration in a resistor network 71454

Singh, P., Hart, G. Output and filter transmission measurements on a photo-irradiator 70209

Singh, P., Roy, B.K., Rai, S. Morphological and cytogenetic effect of 50 Hz EM-field-induced nutrient solution on Vicia faba L 90629

Singh, P. *see* Chan, B. 114379

Singh, P. *see* Kundu, R.S. 104140

Singh, P. *see* Panda, G. 66763

Singh, P. *see* Saxena, A.K. 83838

Singh, P.K., Singh, A.K., Saha, S., Singh, S.N., Das, B.K. Two dimensional modeling of diffusion of impurities into silicon under neutral ambient for VLSI 106177

Singh, P.K. *see* Awasthy, B.R. 112413

Singh, P.P. *see* Thomassin Singh, D. 118446

Singh, R. Adaptive suppression of multiple-access interference in and QPSK DS/CDMA communication systems 88119

Singh, R., Baliga, B.J. Cryogenic operation of power junction field effect transistors 74769

Singh, R., Doppalapudi, D., Moustakas, T.D. Growth and properties of $In_xGa_{1-x}N/Al_yGa_{1-y}N$ multiquantum wells developed by molecular beam epitaxy 113367

Singh, R., Hookes, D.E. Neural network discrimination for several tactile indenters 99914

Singh, R., Moharir, P.S., Maru, V.M. Eugenic algorithm-based search for ternary pulse compression sequences 86281

Singh, R., Sharma, B.L., Mittal, V., Pathak, H.T., Srivastava, S., Pal, R., Singh, J.P., Dewan, H.S., Madaria, R.K., Basu, P.K., Warrier, A.V.R. Asymmetric overlap and blocking contact structures for 0.1 eV (HgCd)Te photoconductive linear arrays 110167

Singh, R., Singh, D.K., Singh, R.P. Characteristics of whistler ducts recorded at Gulmarg 97131

Singh, R., Snowden, C.M. Large-signal modelling of millimetre-wave HEMTs 62292

Singh, R. *see* Moharir, P.S. 108093

Singh, R. *see* Moustakas, T.D. 104058

Singh, R. *see* Palmour, J.W. 106044

Singh, R. *see* Sharangpani, R. 74998

Singh, R. *see* Sivaprakasam, S. 65059

Singh, R.A. *see* Dubey, G.C. 103997

Singh, R.A. *see* Pal, S. 104873

Singh, R.A. *see* Pal, S. 105721

Singh, R.A. *see* Singh, R.S. 74282

Singh, R.C. *see* Miremadi, B.K. 110270

Singh, R.K., Gilbert, D.R., Laveigne, J. Growth of adherent diamond films on optically transparent sapphire substrates 113459

Singh, R.K., Gilbert, D.R., Viatella, J. A novel method to predict laser-induced, nonlinear thermal effects in semiconductors 114952

Singh, R.K., Tell, S.G., Bharrat, S.J. Protocol support for application in VISTAnet gigabit network 98777

Singh, R.K., Zaidi, S.M.H., Rizvi, S.A.H. Some estimators of finite population variance using information on two auxiliary variables 60786

Singh, R.N. *see* Hongyu Wang 115423

Singh, R.P., Sinha, J.N. Studies on pollution performance of metal oxide arresters 121234

Singh, R.P. *see* Singh, A.K. 107915

Singh, R.P. *see* Singh, R. 97131

Singh, R.P. *see* Tadikonda, S.S.K. 70309

Singh, R.S., Ansari, T.H., Singh, R.A. Electrical conduction in $MnTiO_3$ single crystal 74282

Singh, S. Quality of service guarantees in mobile computing 87666

Singh, S., Chan, S.-S. A multi-level approach to the transport of MPEG-coded video over ATM and some experiments 86714

Singh, S., Kapoor, A., Tripathi, K.N. Determination of waveguide parameters of non-linear optical polymers and their applications 106838

Singh, S., Kapoor, A., Tripathi, K.N., Misra, S.C.K., Chandra, S. Semiconductor polymer thin film devices for integrated optics 106837

Singh, S., Prakash, O. TD formation in CZ-silicon annealed at 450°C in air ambient 83787

Singh, S. *see* Brown, K. 88277

Singh, S. *see* Calvin, H. 106718

Singh, S. *see* Cerron Zeballos, E. 69786

Singh, S. *see* Deis, G. 106719

Singh, S. *see* Mitra, H. 110172

Singh, S. *see* Ngai, T. 113854

Singh, S. *see* Sanchez-Hernandez, D. 66123

Singh, S. *see* Thomassen, K. 64565

Singh, S.K. *see* Patnaik, L.M. 111047

Singh, S.N. *see* Awasthy, B.R. 112413

Singh, S.N. *see* Basu, P.K. 114867

Singh, S.N. *see* Kishore, R. 112414

Singh, S.N. *see* Singh, P.K. 106177

Singh, S.P. *see* Pathak, S.K. 80437

Singh, S.P. *see* Ratakonda, K.C. 98112

Singh, S.P. *see* Tiwari, V.N. 76548

Singh, S.P. *see* Tiwari, V.N. 76595

Singh, S.R., Carvalho, M.I., Christodoulides, D.N. Higher-order space charge field effects on the evolution of spatial solitons in biased photorefractive crystals 107601

Singh, S.R., Christodoulides, D.N. Effects of optical activity on photorefractive spatial solitons in a biased $Bi_{12}TiO_{20}$ crystal 64645

Singh, S.R., Christodoulides, D.N., Carvalho, M.I., Segev, M. Incoherently coupled soliton pairs in biased photorefractive crystals 107581

Singh, S.R. *see* Carvalho, M.I. 65532

Singh, T., Bedi, R.K. Characterisation of hot wall epitaxy grown AlSb films 104006

Singh, U. *see* Fishbein, E.F. 120780

Singh, U.P. *see* Srivastava, P.C. 105682

Singh, V., Sharma, S.K., Kumar, V., Sharma, T.P. Study of diffusion effect in $Cd_xZn_{1-x}S$ sintered films 112411

Singh, V. *see* Tandon, R.P. 120327

Singh, V.K., Dwivedi, R., Srivastava, S.K. Discrimination of individual gases/odours using polar plot of an integrated thick film sensor array 89184

Singh, V.K. *see* Senani, R. 93175

Singh, V.M. *see* dela Cova, J. 100881

Singh, V.P., Bhaskaran, S., McClure, J.C. Current crowding and phosphor efficacy in ac thin-film electroluminescent display devices 110297

Singh, V.P. *see* Aguilera, A. 89273

Singh, V.P. *see* Aguilera, A. 89407

Singh, V.P. *see* Bhaskaran, S. 89375

Singh, V.P. *see* Maram, S.R. 61948

Singh, V.R., Chauhan, S.K. Early detection of fracture healing of a long bone for better mass health care 120445

Singh, V.R., Dwivedi, S. Ultrasonic detection of adulteration in fluid foods 110777

Singh, V.R. *see* Singhal, P.K. 120320

Singh, Y.N., Jain, V.K., Gupta, H.M. Semiconductor optical amplifiers in WDM star networks 68349

Singh Bedi, J. *see* Sasi, S. 87136

Singhal, A., Gera, R., Tripathy, A.K., Adhikari, T., Hanif, M., Prakash, K.S., Das, R.L. Design aspects of upgradation from 6 pulse to 12 pulse operation of NHVDC project 111579

Singhal, G.K. *see* Gupta, A. 110130

Singhal, M. *see* Baldoni, R. 98880

Singhal, M. *see* Baldoni, R. 118078

Singhal, M. *see* Elsaadany, A. 109061

Singhal, M. *see* Elsaadany, A. 109073

Singhal, M. *see* Kshemkalyani, A.D. 98476

Singhal, M. *see* Prakash, R. 87745

Singhal, P.K., Singh, V.R. Image processing of biological signals with computers 120320

Singhal, R.P. *see* Brown, N. 88900

Singhal, S.C. Advances in tubular solid oxide fuel cell technology 81768

Singhal, S.C. *see* Dokiya, M. *(editor)* 72057

Singhal, Y.K. *see* Prahlad Rao, N. 78582

Singher, L. *see* Levy, D. 89499

Singhvi, N. Brushless DC drive (an advanced variable speed drive) 112477

Singla, A., Conte, T.M. Bipartitioning for hybrid FPGA-software simulation 93082

Singletary, J. *see* Zhen-Guo Yang 113579

Singleterry, R.C., Jr., Imel, G.R., McMichael, G.E. Moderator/collimator for a proton/deuteron linac to produce a high-intensity, high-quality thermal neutron beam for neutron radiography 79807

Singleterry, R.C., Jr. *see* Imel, G.R. 110497

Singleton, E.W. *see* Al-Omari, I.A. 64215

Singleton, E.W. *see* Panagiotopoulos, I. 64250

Singleton, J. *see* Cole, B.E. 105186

Singleton, J. *see* Ostermayer, G. 64897

Singovsky, A. *see* Peigneux, J.P. 120164

Singovsky, A.V. *see* Zalessky, V.B. 80056

Singovsky, A.V. *see* Zalessky, V.B. 100890

Sinha, A., Bhawe, B.D., Panchal, C.G., Shyam, A., Srinivasan, M., Joshi, V.M. Position sensitive detection of individual nuclear particle scintillations using image intensifier tubes 90180

Sinha, A., Bhawe, B.D., Panchal, C.G., Shyam, A., Srinivasan, M., Joshi, V.M. Exploratory studies on neutron radiography with a small neutron source using a nuclear scintillation imaging technique 104234

Sinha, A. *see* Malek, M. 104585

Sinha, A. *see* Panchal, C.G. 104204

Sinha, A.K. *see* Kataria, D.O. 69846

Sinha, A.K. *see* Mandal, J.K. 70805

Sinha, A.K. *see* Mandal, J.K. 121069

Sinha, B.C. *see* Aggarwal, M.M. 69839

Sinha, B.K. *see* Ganesan, R. 82017

Sinha, B.P. *see* Ahmed Saoudy, S. 85959

Sinha, B.P. *see* De, M. 61782

Sinha, B.P. *see* Gupta, S.S. 93015

Sinha, J.N. *see* Singh, R.P. 121234

Sinha, K.K. Moving frontier analysis: an application of data envelopment analysis for competitive analysis of a high-technology manufacturing plant 103385

Sinha, N. The political economy of India's telecommunication reforms 87553

Sinha, N., Laskar, S.H., Goyal, K., Nair, P.B., Sharma, M.K. Design of a microprocessor based novel braking of three phase induction motor 81939

Sinha, N.K. *see* Kia Yong Lim 101773

Sinha, P. *see* Ekbote, S. 106011

Sinha, P. *see* Younis, M.F. 66890

Sinha, S. Effect of spatial overlap in optically pumped molecular laser amplifiers 65024

Sinha, S., Khastgir, P., Ojha, S.P., Choudhury, P.K. On electromagnetic wave propagation in an optical fiber having a core radius with a periodic axial variation 75432

Sinha, S. *see* Bhattacharjee, S. 73196

Sinha, V.P. Experimental over the horizon radio links 78381

Sinharoy, S., Augustine, G., Rowland, L.B., Agarwal, A.K., Messham, R.L., Driver, M.C., Hopkins, R.H. Molecular beam epitaxy growth and characterization of GaN and $Al_xGa_{1-x}N$ on 6 H-SiC 82609

Siniaguina, O. *see* Mumola, P.B. 63152

Siniaguine, O. Plasma jet etching at atmospheric pressure for semiconductor production 105666

Siniakova, O.G., Ishmukhametov, A.I. Medical diagnostic system based on image receivers of various spectral ranges 101086

Sinibaldi, M. *see* Buracchini, E. 78421

Sinigoj, A.R. A method of boundary integral equations at a potential problem in an anisotropic medium 96898

Sinigoj, A.R. On electric and magnetic field under overhead transmission lines 102194

Sinis, V.P. *see* Altukhov, I.V. 74099

Siniscalchi, P., Wyszynski, A., Choi, D. High-precision, programmable 1-10 MHz bandwidth, 0-20 dB gain communication channel for digital video applications 109892

Sinitsyn, A.K. *see* Kurayev, A.A. 62607

Sinitsyn, A.K. *see* Navrotskii, A.A. 105058

Sinitsyn, D. *see* Afanas'ev, L. 107071

Sinitsyn, G.V., Karpushko, F.V., Goncharenko, A.M., Yasukevich, A.S., Khodasevich, M.A., Apanasevich, S.P., Lyakhnovich, A.V. Transverse switching waves in optically bistable GaAs/GaAlAs etalon with electronic nonlinearity for 2D optical processing 85725

Sinitsyn, G.V. *see* Karpushko, F.V. 111301

Sinitsyn, M.V. *see* Borisov, V.P. 65040

Sinitsyn, M.V. *see* Velikanov, S.D. 107124

Sinitsyn, N.I. *see* Chernozatonskii, L.A. 73941

Sinitsyn, N.I. *see* Chernozatonskii, L.A. 83709

Sinitsyn, N.I. *see* Zakharchenko, Y.F. 83742

Sinitsyn, N.I. *see* Zakharchenko, Yu.F. 74004

Sinitsyna, I.Z. *see* Krichtafovitch, I.A. 91618

Sinke, W.C. *see* Leguijt, C. 102983

Sinkevitch, V.F. *see* Vashchenko, V.A. 74761

Sinkevitch, V.F. *see* Vashchenko, V.A. 74770

Sinkevitch, V.F. *see* Vashchenko, V.A. 84472

Sinkevitch, V.F. *see* Vashchenko, V.A. 95066

Sinkevitch, V.F. *see* Vashchenko, V.A. 115251

Sinkjaer, T. *see* Upshaw, B. 120470

Sinkovic, V. *see* Stimac, R. 88166

Sinkovits, R.S., DeVore, C.R., Shamamian, V.A. Kinetic effects in the chemistry of diamond CVD source gases and implications for diamond growth 113415

Sinkus, R. Measurement of the proton structure function F_2 from the 1994 HERA data using a neural network for the identification of the scattered lepton 120136

Sinn, D.S. Electrical properties of p-NiO/n-ZnO two-phase mixtures 62766

Sinn, G. *see* Klose, H.A. 106815

Sinn, H. *see* Verbeni, R. 110628

Sinn-Cheng Lin *see* Chin-Ming Hong 80882

Sinnadurai, N. Thermal and electrical operation and malfunction of electronics detected and imaged by means of low cost liquid crystal sensing 64829

Sinnadurai, N. Plastic packaging is highly reliable 82329

Sinnadurai, N. Testability, a vital ingredient for MCM technology 83667

Sinnadurai, N. Plastic packages survive where hermetic packages fail 92211

Sinnadurai, N. Thermal and electrical operation and malfunction of electronics detected and imaged by means of low cost liquid crystal sensing 95133

Sinnesbichler, F., Ebberg, A., Felder, A., Weigel, R. Generation of high-speed pseudo-random sequences using multiplex-techniques 93537

Sinnis, G. Milagro: a low energy threshold extensive air shower array 110585

Sinno, G. *see* Mariucci, L. 94403

Sinnott, H., Cao, S., O'Kelly, P. Wireless access systems for application within China 118954

Sinoquet, D. *see* Lailly, P. 70430
Sinor, T.W., Estrera, J.P., Phillips, D.L., Rector, M.K. Extended blue GaAs image intensifiers [illegible]
Sinor, T.W. *see* Estrera, J.P. 74080
Sinozuka, N. *see* Yamanoi, Y. 90050
Sinsky, J.H., Westgate, C.R. A new approach to designing active MMIC tuning elements using second-generation current conveyors 93932
Sinta, R., Barclay, G.G., Adams, T.G., Medeiros, D.R. Manipulation of the thermal properties of positive DUV polymers 105777
Sinta, R.F. *see* Barclay, G.G. 105778
Sinta, R.F. *see* Cameron, J.F. 105779
Sinteff, J.-P. *see* Siregar, P. 80404
Sintes, C. *see* Quinquis, A. 111274
Sinton, R.A., Cuevas, A. Contactless determination of current-voltage characteristics and minority-carrier lifetimes in semiconductors from quasi-steady-state photoconductance data 116211
Sintonen, L. *see* Pranevicius, H. 98709
Sinttruyen, J.S.Van *see* Van Sinttruyen, J.S.
Sinusas, A.J. *see* Liu, Y.-H. 101247
Sinusas, A.J. *see* Meyer, F.G. 86462
Sinusas, A.J. *see* Meyer, F.G. 101188
Sinyikov, A.M. *see* Vyukhina, N.N. 75410
Sinzinger, S., Jahns, J. Planar optics for optical interconnections in computers 85178
Sinzinger, S. *see* Jahns, J. 87776
Sio, K.C., Lee, C.K. Identification of a nonlinear motor system with neural networks 91581
Siohan, O., Yifan Gong, Haton, J.-P. Comparative experiments of several adaptation approaches to noisy speech recognition using stochastic trajectory models 97638
Siong-Hun Yi, Dong-Gyu Kang, Minsoo Hahn Development of a diphone-based Korean text-to-speech conversion system 97606
Sionghun Yi *see* Youhyeon Jeong 117282
Siores, E. *see* Liu, F. 91946
Sioshansi, F. Electricity regulation and competition II 80806
Siou Teck Chew, Itoh, T. Analysis of MESFET self-oscillating mixer using Volterra series 114272
Siow, M.L.J. *see* Toh Peng Seng 90389
Siozawa, K., Tabaru, K., Maruyama, T., Fujiwara, N., Yoneda, H. SiO_2 etching in $C_4F_8O_2$ electron cyclotron resonance plasma 74559
Siozawa, K. *see* Maruyama, T. 74556
Sipailov, G.A. *see* Chuchalin, A.I. 102821
Sipatov, A.Yu. *see* Tetyorkin, V.V. 64895
Sipavichyus, Ch., Chiezhas, R., Vaiteikunas, P., Milutis, E. On determination of critical characteristics of gas jet under high quality laser cutting. Experimental investigations 107670
Sipavichyus, Ch., Vaiteikunas, P., Milutis, E. On determination of critical characteristics of gas jet under finishing laser cutting 107669
Sipaylov, G.A. *see* Chuchalin, A.I. 71224
Sipe, J.E. *see* Atanasov, R. 105439
Sipe, J.E. *see* Aversa, C. 107505
Sipe, M. *see* Casasent, D. 87170
Sipee, J.E. *see* Boyd, R.W. 116642
Siperko, D. *see* Pestelli, N. 99365
Sipes, D.E. *see* CaQlock-Knopp, V.G. 89297
Sipicki, M. *see* Vlatkovic, D. 99011
Sipila, H. *see* Niemela, A. 80074
Sipila, H. *see* Niemela, A. 100861
Sipila, P. *see* Toivonen, M. 90661
Sipilae, H. *see* Niemelae, A. 110576
Sipitca, M., Madisetti, V. Lossy techniques for [illegible]
Sipitca, M., Madisetti, V. Efficient segmentation-based motion compensation for low bit rate video coding 86927
Sippy, V. *see* Memon, N. 117879
Sipus, Z. *see* Bartolic, J. 76597
Sipus, Z. *see* Bartolic, J. 97337
Sipus, Z. *see* Bartolic, J. 108066
Siqing Wang *see* Wang Siqing
Siqueira, G.L. *see* Costa, E. 97146
Siqueira, G.L. *see* Silva Mello, L.A.R. 97145
Siqueira, M. *see* Jain, R. 87669
Siqueira, P., Sarabandi, K. A numerically derived electromagnetic scattering model for grass grain heads 120729
Siqueira, P.R., Sarabandi, K. Method of moments evaluation of the two-dimensional quasi-crystalline [illegible]
Siqueiros, J. *see* Hirata, G.A. 82717
Siquiera, P. *see* Ulaby, F.T. 114280
Sira-Ramirez, H., Delgado de Nieto, M. A Lagrangian approach to average modeling of pulsewidth-modulation controlled DC-to-DC power converters [illegible]
Sira-Ramirez, H., Garcia-Esteban, M., Perez-Moreno, R.A. Design of pulse width modulation controllers for stabilization and tracking in derived DC-to-DC power converters 81537
Sira-Ramirez, H., Garcia-Esteban, M., Zinober, A.S.I. Dynamical adaptive pulse-width-modulation control of DC-to-DC power converters: a backstepping approach 121652
Sira-Ramirez, H. *see* Delgado, M. 93123
Siracusa, R.J. *see* Bansal, V. 115897
Siracusa, R.J. *see* Ott, M. 78176
Sirasaki, M. *see* Takano, Y. 98806
Sirasawa, H., Yamamoto, K. Development of operational amplifier integrated circuit with rail-to-rail input and output ranges 73425
Siratori, A. *see* Akagi, K. 81760
Sircar, P., Syali, M.S. Complex AM signal model for non-stationary signals 117273
Siregar, P., Sinteff, J.-P. Introducing spatio-temporal reasoning into the inverse problem in electroencephalography 80404
Sirenko, N.N. *see* Šebko, V.P. 99904
Sirenko, N.N. *see* Sebko, V.P. 99913
Sirenko, Yu.M., Jeon, J.-B., Kim, K.W., Littlejohn, M.A., Stroscio, M.A. Strain effects on valence band structure in wurtzite GaN quantum wells 114776
Sirenko, Yu.M. *see* Mansour, N.S. 83941
Sirgo, J.A., Lopez, H., Alvarez, J.C., Alvarez, J.M. LAN medium access control simulation study under a real-time DCCS: an automated guided vehicle system 87783
Sirgo, J.M Gonzalez *see* Gonzalez Sirgo, J.M.
Siri, K., Batarseh, I., Caliskan, V., Kornetzky, P. PWM zero-voltage switching boost-derived converters with output isolation 71488
Siri, K. *see* Khan, A. 71549
Siri, K. *see* Khan, A. 71724
Sirieix, M.B. SAT's infra-red equipment using 2nd generation detectors 70572
Sirieix, M.B. *see* Fouilloy, J.P. 69312
Siriwardane, U. *see* Ashreff, S. 70230
Sirkis, J. *see* Chia-Chen Chang 89131
Sirkis, J.S., Kersey, A.D., Berkoff, T.A., Friebele, E.J. Extended range pseudo-heterodyne demodulation for fiber optic sensors 89114
Sirkis, J.S. *see* Chang, C.C. 89118
Sirkis, J.S. *see* Spillman, W.B., Jr. 72979
Sirkis, J.S. *see* Wagreich, R.B. 75502
Sirl, Y.O., Lee, J.H., Kim, Y.S., Lee, E.T. An implementation of SRTS techniques for B-ISDN circuit emulation 87869
Sirmain, G. *see* Brundermann, E. 75934
Sirola, M. Strategy generation in the accident management 111745
Sironen, M. *see* Ziraili, H. 93915
Sironi, G. *see* Bonelli, G. 99697
Sironi, G. *see* Mandolesi, N. 99703
Sironi, G. *see* Smoot, G.F. 99702
Sironi, M. *see* Camin, D.V. 90268
Sirota, J.M. *see* Klemic, J.F. 75666
Sirotkin, V. *see* Lavers, D. 65706
Sirotkin, V.V. *see* Boglaev, I.P. 72679
Sirotkin, V.V. *see* Lavers, J.D. 107794
Sirov, A. *see* Naumenko, V. 74069
Sirringhaus, H., Meyer, T., Lee, E.Y., von Kanel, H. Spatial variations of hot-carrier transmission across $CoSi_2/Si$ interfaces on a nanometer scale [illegible]
Sirtori, C., Faist, J., Capasso, F., Hutchinson, A.L., Sivco, D.L., Cho, A.Y. Quantum cascade lasers in the 8-9 μm wavelength region 65257
Sirtori, C., Faist, J., Capasso, F., Sivco, D.L., Hutchinson, A.L., Cho, A.Y. Long wavelength vertical transition quantum cascade lasers operating CW at 110 K 85461
Sirtori, C. *see* Capasso, F. 65210
Sirtori, C. *see* Capasso, F. 114740
Sirtori, C. *see* Faist, J. 75980
Sirtori, C. *see* Faist, J. 85460
Sirtori, C. *see* Faist, J. 96258
Sirtori, C. *see* Faist, J. 116540
Sisalem, D., Schulzrinne, H., Sieckmeyer, C. The network video terminal 109172
Sisk, H.B. Fundamental instrument design review for liquid fuel volume measurement 110458
Sisk, W.N., Kwang-Sun Kang, Raja, M.Y.A., Farahi, F. Matrix and donor acceptor dependence of polymer dispersed pyrromethene dye photoconductivity [illegible]
Siskind, J.M., Morris, Q. A maximum-likelihood approach to visual event classification 67297
Siskind, J.M. *see* Mann, R. 67308
Siskos, S. *see* Papazoglou, C. 62086
Sisolak, J. *see* Lamsky, T. 63556
Sisson, D. *see* Catravas, P. 76055
Sisson, P. *see* Jurasek, G. 71858
Sistanizadeh, K. *see* Nguyen, T. 88867
Sita, G., Sastry, R.V.S., Ramakrishnan, A.G. Time varying filters for estimation of evoked potentials 120447
Sitar, Z., Gitmans, F., Liu, W., Gunter, P. Homo and heteroepitaxial growth of $LiTaO_3$ and $LiNbO_3$ by MBE 92766
Sitar, Z. *see* Davis, R.F. 103876
Sitar, Z. *see* Wolden, C.A. 113463
Sitaram, D. *see* Dan, A. 87902
Sitaram, D. *see* Dan, A. 88825
Sitaram, D. *see* Kienzle, M.G. 87672
Sitarek, P. *see* Sadowski, J. 74233
Sitch, J. *see* Gamelin, J. 88652
Sitch, J. *see* Sowlati, T. 99197
Sitch, J. *see* Sowlati, T. 114326
Sitch, J.E. *see* Wong, T.Y.K. 119165
Sitch, J.E. *see* Wong, T.Y.K. 119166
Sitek, A. *see* Celler, A. 101144
Sites, J.R., Liu Xiaoxiang Recent efficiency gains for CdTe and $CuIn_{1-x}Ga_xSe_2$ solar cells: what has changed? 103004
Sites, J.R. *see* Basol, B.M. 104093
Sites, J.R. *see* Xiaoxiang Liu 112371
Sitharama Iyengar, S. *see* Maheshkumar, J.R. [illegible]
Sitharama Iyengar, S. *see* Rao, N.S.V. 66801
Sitharaman, S. *see* Gautam, M. 105722
Sitharaman, S. *see* Gupta, S.C. 103854
Sitkins, F. *see* Welch, R.H., Jr. 112018
Sitkins, F. *see* Welch, R.H., Jr. 121511
Sitnikova, A.A. *see* Melnik, Yu.V. 104065
Sitnikova, M.F. *see* Vendik, I.B. 75376
Sittas, G., Kanda, H., Kiflawi, I., Spear, P.M. Growth and characterization of Si-doped diamond single crystals grown by the HTHP method 82582
Sitte, W. *see* Holzinger, M. 69358
Sittek, H. *see* Eckstein, F. 120340
Sittek, K. *see* Gauger, J. 120284
Sitter, D.N., Jr. *see* Ferrell, R.K. 120614
Sitter, D.N., Jr. *see* Hutchinson, D.P. 69137
Sitter, H. *see* Belas, E. 74237
Sitter, H. *see* Belas, E. 74607
Sitter, H. *see* Ferreira, S.O. 75762
Sitter, H. *see* Hermanik, M.A. 61278
Sitter, H. *see* Hlavka, J. 110410
Sitter, H. *see* Wirthl, E. 74579
Sitter, H. *see* Wundke, K. 74242
Sitti, M., Bozma, I., Denker, A. Visual tracking for moving multiple objects: an integration of vision and control 67153
Sittig, R. *see* Kaschani, K.T. 63546
Sittig, R. *see* Nagel, D. 71701
Sittig, R. *see* Nagel, D. 74342
Sitzia, A., Baker, A.E. Experiences with 3-dimensional magnetic vector potential/electric scalar potential finite element solvers using the Coulomb gauge 65604
Sitzia, A.M., Baker, A.E., Preston, T.W., Puzo, A., Pons, A. Finite element analysis for power electronics EMC applications 65897
Sitzia, R.M. *see* Baker, A.E. 65896
Siu, C. *see* Harvey, B. 73109
Siu, F. *see* Xia, H.H. 118979
Siu, G.G. *see* Wu, X.L. 83959
Siu, K.-Y. *see* Li, H. 77986
Siu, K.W. *see* Lee, Y.S. 71455
Siu, N.O. *see* Gertman, D.I. 81286
Siu, W.C. *see* Ghadiali, M. 108560
Siu Kai-Yeung *see* Kai-Yeung Siu
Siu Lun Ma *see* Ka Hin Leung 72401
Siu Sun Cheng *see* Yi-Zhong Lin 103784
Siu Wan-Chi *see* Wan-Chi Siu
Siu-Keung Tse, Tso, G. Shrinkage estimation of reliability for exponentially distributed lifetimes 60696
Siu-Leong Iu, Rogovin, K.W. Registering perspective contours with 3-D objects without correspondence, using orthogonal polynomials 67141
Siu-Leung Cheung *see* Lau, R.W.H. 78015
Siulinski, J.A. Design and layout rules eliminate noise coupling in communication systems 104715
Siuzdak, J. *see* Holejko, K. 110381
Siva, V. *see* Robles, S. 61334
Siva, V. *see* Robles, S. 63456
Siva Ram Murthy, C. *see* Balasubramanya Murthy, K.N. 103760
Sivachenko, A.Yu. *see* Mandray, A. 62744
Sivak, M.V. *see* Izatt, J.A. 120406
Sivakumar, H., Venkatesan, R. Performance of balanced gamma network under bursty traffic 87320
Sivakumar, H., Venkatesan, R. Reliability and performance analyses of balanced gamma network for use in broadband communication switch fabrics 109307
Sivakumar, K. *see* Goutsias, J. 77470
Sivakumar, M. *see* Puvanachandran, V. 72119
Sivakumar, R. *see* Khambete, N.D. 110836
Sivakumar, T.R., Savithri, S. A new nonlinear integration formula for ODEs 61061
Sivakumar, T.V. *see* Jeyappragash, J.J. 121621
Sivakumar Krishnamoorthy *see* Krishnamoorthy Sivakumar
Sivalingam, K.M., Dowd, P.W. A lightweight media access protocol for a WDM-based distributed shared memory system 87797
Sivalingam, K.M., Jie Wang Media access protocols for WDM networks with on-line scheduling 78911
Sivalingam, K.M., Jie Wang Performance of a MAC protocol for WDM networks with on-line scheduling 87466
Sivan, R. *see* Wu, C.-Y. 63746
Sivananthan, S., Wang, L., Sporken, R., Chen, J., Skromme, B.J., Smith, D.J. MnS/ZnSe on GaAs grown by molecular beam epitaxy 74169
Sivananthan, S., Wijewarnasuriya, P.S., Faurie, J.P. Recent progress in the doping of MBE HgCdTe 74543
Sivananthan, S. *see* Faurie, J.P. 92743
Sivananthan, S. *see* Hutchins, J.W. 74159
Sivananthan, S. *see* Smith, D.J. 113288
Sivananthan, S. *see* Tsen, S.C.Y. 74161
Sivananthan, S. *see* Wang, L. 94487
Sivananthan, S. *see* Wijewarnasuriya, P.S. 74527
Sivananthan, S. *see* Yoo, S.S. 80142
Sivaprakasam, S., Babu, Ch.S., Singh, R. A distributed feedback dye laser based on higher order Bragg scattering 65059
Sivaprakasam, S., Sam Shanmugan, K. A forward-only recursion based HMM for modeling burst errors in digital channels 78512
Sivaprakasapillai, P. *see* Koh, S.N. 97629
Sivarajan, K.N. *see* Cidon, I. 77630
Sivarajan, K.N. *see* Georgiadis, L. 77553
Sivarajan, K.N. *see* Georgiadis, L. 87302
Sivarajan, K.N. *see* Georgiadis, L. 98400
Sivarajan, K.N. *see* Ramaswami, R. 78724
Sivaram, B.M. *see* Nair, P. 96136

Sivaramakrishna, R., Gordon, R. Image registration using minimization 77296
Sivaramakrishna, R., Gordon, R. Mammographic image registration using a pinning function with elastic stretching 110776
Sivaramakrishna, R. *see* Shashidhar, N.S. 110775
Sivaraman, M., Strojwas, A.J. Diagnosis of path delay faults 93241
Sivaraman, M., Strojwas, A.J. Diagnosis of parametric path delay faults 93346
Sivaraman, M., Strojwas, A.J. A diagnosability metric for parametric path delay faults 104484
Sivaraman, V. *see* Rouskas, G.N. 88582
Sivasamy, P. *see* Casey, S. 106548
Sivaswamy, J. Designing a system for testing to European radiated immunity test regulations 76456
Sivco, D.L. *see* Capasso, F. 65210
Sivco, D.L. *see* Dutta, N.K. 99509
Sivco, D.L. *see* Faist, J. 75981
Sivco, D.L. *see* Faist, J. 85460
Sivco, D.L. *see* Faist, J. 96258
Sivco, D.L. *see* Faist, J. 116540
Sivco, D.L. *see* Lin, L.Y. 110162
Sivco, D.L. *see* Sirtori, C. 65257
Sivco, D.L. *see* Sirtori, C. 85461
Sivertsen, J. *see* Xing Song 64430
Sivertsen, J. *see* Xing Song 115776
Sivertsen, J.M. *see* Egelhoff, W.F., Jr. 115863
Sivertsen, J.M. *see* Giljer, P. 64448
Sivertsen, J.M. *see* Lin, C.L. 106580
Sivertsen, J.M. *see* Sin, K. 106521
Sivertsen, J.M. *see* Wang, G. 115637
Sivertsen, J.M. *see* Yang, C. 115775
Sivertsen, T. A case study on the formal development of a reactor safety system 81283
Siveski, Z. *see* Abrishamkar, F. 109462
Sivianes, F. *see* Fortet, P. 112804
Siviniant, J. *see* Masri, P. 114709
Sivonen, M. *see* Vaher, G. 84358
Sivori, J.R. Evaluated receipts and settlements at Bell Atlantic 87513
Sivov, A.N. *see* Korshunova, E.N. 76551
Sivov, A.N. *see* Korshunova, E.N. 97330
Siwei Lu *see* Xiabu Yuan 98315
Siweris, H.J., Grave, T., Schleicher, L., Riechert, H., Muller, J.-E., Kellner, W. A K-band monolithic HEMT medium power amplifier 114309
Siweris, H.J. *see* Matthes, M. 73773
Siwoo Park *see* Sangrok Lee 68508
Six, E. *see* Zhou, Z.-L. 110536
Six, J., Hammer, G. Combustion of residual material with flue gas cleaning 81317
Six, J.-P. *see* Delarue, P. 62011
Six, J.P. *see* Fodor, D. 71773
Six, M., Parent, J., Bourdillon, A., Delloue, J. A new multibeam receiving equipment for the Valensole skywave HF radar: description and applications 70487
Sixi, S., Huiming, Z. Modified algorithms of Floyd 77777
Sixin Zhou *see* Zhou Sixin
Sixt, P. *see* Albert, J. 106798
Sixun Zou *see* Aizhen Li 84024
Siyal, M.Y., Dai Fanyou Efficient algorithms for image noise-removing 86814
Siyal, M.Y. *see* Atiquzzaman, M. 87100
Siyong Zhou *see* Xingling Zhou 85796
Siyuan Han, Rouse, R., Lukens, J.E. Generation of a population inversion between quantum states of a macroscopic variable 64541
Siyuan Zhang *see* Zhang Siyuan
Sizelove, J.R. *see* Look, D.C. 94344
Sizensky, J. *see* Medina, A. 105795
Sizjuk, V.A. *see* Tralle, I.E. 105395
Sizov, A.N., Porkhaev, V.V. Influence of the gas stream velocity on the output power of gas-flow lasers excited by fission fragments of uranium nuclei 85362
Sizov, F.F. *see* Tetyorkin, V.V. 64895
Sizov, V.E. *see* Vassilevski, K.V. 114954
Sizov, Y. *see* Semenov, S.Y. 101294
Sjelvgren, D. *see* Nilsson, O. 102022
Sjoberg, H. *see* Noharet, B. 108506
Sjoberg, L., Hedling, G., Tiwari, A. A wide area solution that takes advantage of the existing radio broadcast and national geodetic network infrastructure 68776
Sjoberg, L. *see* Alakula, M. 91487
Sjoblom, K. Quality control by prevention: a field study of an SPC and DOE implementation 112867
Sjodahl, M., Yamaguchi, I. Strain and torque measurements on cylindrical objects using the laser speckle strain gauge 79723
Sjodin, J.-O. *see* Karlsson, D. 91120
Sjodin, J.-O. *see* Larsson, A. 102200
Sjoerdsma, W. *see* Lazeroms, M. 80418
Sjogren, F.G.A., Johansson, S.G., Daalder, J.E. Behaviour of generator current limiters near the point of voltage collapse 101959
Sjogren, L.B. *see* Kobayashi, K.W. 104880
Sjolund, O. *see* Ghisoni, M. 106977
Sjolund, O. *see* Lin, H.T. 75721
Sjolund, O. *see* Lin, H.T. 106970
Sjostrand, J. *see* Presilla, C. 114742
Sjostrand, P. *see* Forslund, O. 70590
Sjostrom, E. *see* Elden, L. 86189
Sjostrom, L. *see* Henning, B. 90284
Sjursen, W. *see* Ambrose, J. 70580
Skaali, B. *see* Alvsvaag, S.J. 90124
Skaar, S.B. *see* Yoder, J.-D. 110945
Skaar, S.B. *see* Yoder, J.D. 90615
Skaarup, S. *see* West, K. 81682
Skachko, V.I., Chenakin, A.V. Measuring the parameters of chip field-effect transistors 106243
Skadhauge, E. *see* Thomsen, L. 70134
Skakle, J.M.S., Templeton, A., Lachowski, E.E., West, A.R. Double plateau T_c behaviour in the tetragonal $LaBa_{1.5}Ca_{0.5}Cu_3O_z$ superconductor 75316
Skakun, V.S. *see* Boichenko, A.M. 65042
Skakun, V.S. *see* Tarasenko, V.F. 107060
Skala, J. *see* Rus, B. 116314
Skala, J. *see* Straka, P. 116313
Skala, J. *see* Woryna, E. 110530
Skala, K., Markovic, R. Interactive television as a new hypermedia information service in ship environment 79149
Skalare, A. *see* Burke, P.J. 73158
Skalitzky, R.G. *see* Claasen, J.H. 95458
Skalli, E.G., De Jong, J., Braat, J. Minimization of astigmatism of toroidal, strong off-axis holographic optical elements 116773
Skamser, D.J. *see* Johnson, D.L. 61443
Skarbek, W. *see* Cichocki, A. 108462
Skarda, V. *see* Sottini, S. 75401
Skaritka, J. *see* Solomon, L. 96475
Skaritka, J. *see* Wang, X.J. 89699
Skarman, B., Becker, J., Wozniak, K. Simultaneous 3D-PIV and temperature measurements using a new CCD-based holographic interferometer 100145
Skaropoulos, N.C., Ioannidou, M.P., Chrissoulidis, D.P. Induced EM field in a layered eccentric spheres model of the head: plane-wave and localized source exposure 120547
Skarp, J. *see* Leon, C. 74321
Skarp, K. *see* Uto, S. 64819
Skarpetowski, G. Description of the 4-quadrant converter by the means of the distribution theory 112546
Skarsoulis, E.K., Athanassoulis, G.A., Send, U. Ocean acoustic tomography based on peak arrivals 101569
Skarstad, P.M. *see* Crespi, A.M. 112184
Skartlien, R. *see* Lundborg, B. 99057
Skatteboe, R. ALOMAR: atmospheric science using lidars, radars and ground based instruments 101562
Skauli, T. *see* Schultz, M. 105313
Skeie, T., Linge, S., Horn, G., Waadeland, T., Bakka, B. A HIC based concentrator for ATM traffic 98971
Skeie, T. *see* Waadeland, T. 98514
Skeldon, M.D., Okishev, A., Babushkin, A., Seka, W. Transient stimulated brillouin scattering pulse compression for photoconductive switch activation 85284
Skeldon, M.D. *see* Green, K. 96158
Skeldon, M.D. *see* Okishev, A. 116429
Skellern, D.J. *see* Jones, B.C. 78447
Skellern, D.J. *see* Jones, B.C. 88263
Skellern, D.J. *see* Jones, B.C. 99214
Skellern, D.J. *see* Wong, T.F. 86119
Skelley, W.A. *see* Guey, C.N. 71049
Skelton, D. *see* Efland, T. 106209
Skelton, D. *see* Fowler, T. 104331
Skelton, T.M. *see* Gelinas, U.J., Jr. 103322
Skendzic, V., Bonner, J.A., Day, T.R. Use of modern waveform reconstruction techniques in digital power system simulators 101694
Skensved, P. *see* Jillings, C.J. 74083
Skettrup, T. *see* Hansen, P.L. 75894
Skettrup, T. *see* Offersgaard, J.F. 75533
Skettrup, T. *see* Pedersen, C. 65393
Skettrup, T. *see* Veng, T. 116083
Skevington, P.J., Videlo, I.D.E., Wittgreffe, J.P., Putland, P.A., Sloan, D.F., Creswell, D.C., Smith, A.P. TRIADS–managing change in a complex world 67613
Skibenko, E.V., McDonald, J.R. Design, analysis and performance of parallel Gauss-Seidel algorithm for power flow analysis 101670
Skibenko, E.V., McDonald, J.R. A parallel version of the Gauss-Seidel algorithm for power flow analysis: providing numerical support for on-line decision support systems 101722
Skibenko, Ye.I. *see* Sidorenko, V.D. 95552
Skibinski, G. *see* Busse, D. 71230
Skibinski, G. *see* Busse, D. 71750
Skibo, S. *see* Wiedeman, S. 112334
Skibowski, M. *see* Nemcsics, A. 92727
Skidmore, G.D. *see* Prokscha, R. 119843
Skidmore, J.A. *see* Beach, R.J. 96214
Skidmore, J.A. *see* Emanuel, M.A. 107310
Skidmore, J.A. *see* Kopf, D. 96227
Skierbiszewski, C. *see* Ostermayer, G. 64897
Skikos, G.D., Machias, A.V. Design and development of fuzzy logic control strategies for wind turbine generators 71200
Skikos, G.D., Machias, A.V., Kazantzis, C. Application of fuzzy logic to the design of decision support systems for the evaluation of wind energy investments 71212
Skillicorn, I.O. *see* Burke, S. 69776
Skinner, C.H., Schwob, J.L. Charge-coupled-device detection of soft X-rays for grazing-incidence spectrometers 100110
Skinner, J.P. *see* Collins, P.J. 76369
Skinner, M.P. *see* Green, H. 83675
Skinner, M.P. *see* Yuan, C. 69989
Skinner, M.W. *see* Ge Wang 101432
Skinner, W.R. *see* Khattatov, B.V. 120783
Skipor, A.F., Harren, S.V., Botsis, J. Flow and fracture of 63/37 Sn/Pb solder joints 112968
Skipper, J.A., Hangartner, T.N. Optimizing X-ray spectra for dual-energy radiographic bone densitometry 70083
Skipper, M.D., Atkins, K., Hopkinson, G.R., LaBel, K.A. Radiation effects in Micrel MIC4427 MOSFET drivers 61991
Skipworth, B. *see* Koudelka, O. 99408
Skirta, E.A., Keane, A.N. An application of the two-scale model from the point of view of the small-slope approximation to radar observations from the ocean 120824
Skjaveland, K. *see* Gillingham, P. 73395
Sklar, E. *see* Milewski, J. 112881
Sklarchuk, J. *see* Tang, N.-T. 112258
Skliar, A. *see* Rosenman, G. 69401
Sklizkov, G.V. *see* Ivanov, V.V. 85094
Sklizkov, G.V. *see* Ivanov, V.V. 119543
Sklyarenko, V.I. *see* Mikhailov, V.G. 79828
Skobelev, S.P. Formation of partial sector directional diagrams in a linear array of Cassegrainian antennas 76630
Skobelev, S.P., Vyazigin, A.S. Shaping flat-topped element patterns in a linear antenna array of dual-mode slot-coupled waveguides 66141
Skobelev, S.P. *see* Vyazigin, A.S. 108069
Skocir, Z., Maglicic, L. The application of telecommunications network topology for dynamic presentation 77827
Skoczkowski, T. *see* Krawczyk, A. 80468
Skoelv, A. *see* Askari, F. 120848
Skoglund, A. *see* Eriksson, J. 101851
Skoglund, M., Hedelin, P. Soft decoding for vector quantization in combination with block channel coding 66459
Skoglund, M., Ottosson, T. Optimal soft multi-user decoding for vector quantization in a synchronous CDMA system 67548
Skoglund, M., Ottosson, T. Vector quantization over a CDMA channel using soft multiuser decoding 88091
Skogman, R.A. *see* Asif Khan, M. 75936
Skokan, A. *see* Quandt, E. 82782
Skokljev, I. *see* Duric, M. 80935
Skokowski, J.J. Single phase 208 V pulse mode power supplies and their dangers 91634
Skokowski, P.G. *see* Dowla, F.U. 110660
Skolnick, D. *see* Lannigan, D. 97748
Skolnick, M.S. *see* Bradley, D.D.C. 106944
Skolnick, M.S. *see* Cockburn, J.W. 74395
Skolnick, M.S. *see* Finley, J.J. 105254
Skolnick, M.S. *see* Finley, J.J. 105281
Skolnick, M.S. *see* Fisher, T.A. 65309
Skolnick, M.S. *see* Kowalski, O.P. 63060
Skolnick, M.S. *see* Kowalski, O.P. 72754
Skolnick, M.S. *see* Lidzey, D.G. 75700
Skolnick, M.S. *see* Peggs, D.W. 62971
Skolnick, M.S. *see* Teissier, R.J. 62854
Skolnick, M.S. *see* Weaver, M.S. 85257
Skolnik, M. The radar antenna: Circa 1995 85999
Skomski, R., Sander, D., Enders, A., Kirschner, J. Is there spin-glass exchange in ultrathin Fe(110) films? 115536
Skomski, R. *see* Sander, D. 115537
Skomski, R. *see* Wirth, S. 115556
Skoog, A.I. *see* Dodel, H. 99449
Skoog, I. *see* Dodel, G. 109826
Skopp, A.R. "Open systems, the vendor's perspective" 90989
Skorczakowski, M. *see* Jabczynski, J.K. 107681
Skordalakis, E.S. *see* Barlas, G.D. 101347
Skorek, A. *see* Urbanek, P. 112607
Skorik, A.D. *see* Konovalov, N.A. 117722
Skorikov, N.V. *see* Elliott, S.R. 80104
Skorikov, V.M. *see* Kargin, Yu.F. 106736
Skorin-Kapov, J. *see* Chakrapani, J. 92522
Skornyakov, A.V. *see* Karasyov, V.Yu. 60589
Skorobogatov, A.N. On the number of representations of matroids over finite fields 117219
Skorobogatov, O. *see* Nikiforov, A.Y. 115360
Skorokhod, A.V., Khasminskii, R.Z. On parameter estimation from indirect observations 117457
Skoropad, D. *see* Tontiwachwuthikul, P. 111781
Skorotogatov, G.A. Rate constants for reactions in iodine laser active medium–review 116312
Skorupa, W., Yankov, R.A. Carbon-mediated effects in silicon and in silicon-related materials 74092
Skorupa, W. *see* Bischoff, L. 94701
Skorupa, W. *see* Brauer, G. 94452
Skorupa, W. *see* Hatzopoulos, N. 114876
Skorupa, W. *see* Heera, V. 104052
Skorupa, W. *see* Henkel, T. 74532
Skorupa, W. *see* Pacaud, Y. 105591
Skorupa, W. *see* Perez-Rodriguez, A. 94712
Skorupa, W. *see* Serre, C. 61248
Skorupa, W. *see* Weishart, H. 94713
Skorupa, W. *see* Weishart, H. 105592
Skorupski, W. *see* Malko, J. 102030
Skoskiewicz, T. *see* Jaroszynski, J. 105421
Skou, E. *see* Juhl, M. 81806
Skou, E. *see* Kjaer, J. 81790
Skou, N. Accurate antenna reflector loss measurements for radiometer calibration budget 111143
Skou, N. *see* Madsen, S.N. 68633

Skou, N. *see* Madsen, S.N. 120687
Skou, N. *see* Martin-Neira, M. 111288
Skouri, E.M. *see* Chusseau, L. 100367
Skov, J.L. *see* Taboryski, R. 94564
Skovoroda, A.R. *see* Pashko, D.A. 110661
Skowronek, S., Urena, A.G. Simple and low cost experimental arrangement for continuous tunable narrow-band dye laser 85382
Skramlik, J. *see* Dolezel, I. 102692
Skrbek, L., Stehno, J., Sebek, J. Resistance relaxation in carbon and RuO_2 based thermometers 69111
Skrbek, L. *see* Borisov, N.S. 120104
Skrczakowski, M. *see* Zendzian, W. 107170
Skrenta, R. *see* Caronni, G. 118495
Skrget, L. *see* Trlep, M. 107696
Skriniarova, J., Breza, J., Kovac, J., Novotny, I. Is citric acid a selective etchant for InGaAs/GaAs? 114946
Skrinsky, A. Accelerator field development at Novosibirsk (history, status, prospects) 79794
Skrinsky, A. *see* Dikansky, N. 89593
Skrinsky, A. *see* Meshkov, I. 120042
Skrinsky, A.N. *see* Vinokurov, N.A. 96552
Skripachev, I. *see* Kamensky, V. 120511
Skripal, A.V., Usanov, D.A., Kurenkova, O.N. Television vibrodiagnostics in coherent light 85749
Skripal, A.V. *see* Vagarin, V.A. 110385
Skripka, S.V. *see* Galkin, N.G. 113307
Skripnik, A.B. *see* Sobolev, V.A. 102598
Skripnik, Yu.A. *see* Kondratov, V.T. 99910
Skripnik, Yu.A. *see* Kondratov, V.T. 110332
Skripnik, Yu.A. *see* Kondratov, V.T. 110333
Skripnik, Yu.A. *see* Mikhalevich, V.S. 99912
Skrivanek, R.A. *see* Stair, A.T., Jr. 90794
Skriver, H. *see* Jiankang Ji 120865
Skrivervik, A. *see* Gonnet, P. 117049
Skrivervik, A.K., Mosig, J.R. Arrays of multilayered printed antennas: A space domain analysis 66134
Skrk, D. *see* Krizan, P. 69125
Skrk, D. *see* Krizan, P. 69746
Skrk, D. *see* Krizan, P. 100843
Skrobanek, K.D. *see* Quandt, E. 82782
Skromme, B.J. *see* Hutchins, J.W. 74159
Skromme, B.J. *see* Sivananthan, S. 74169
Skromme, B.J. *see* Tsen, S.C.Y. 74161
Skruchaev, Yu.K. *see* Vasil'ev, M.B. 101458
Skruchaev, Yu.K. *see* Vasil'ev, M.B. 101459
Skryabin, D.V. Rotating and oscillating transverse patterns in an inhomogeneously broadened laser operating in a pair of doughnut modes 76073
Skrynnik, B.K. *see* Kunn, V.G. 116973
Skrynnik, B.K. *see* Kurin, V.G. 107416
Skrynnik, B.K. *see* Kurin, V.G. 114199
Skrynnikov, A.V. *see* Sharafutdinov, R.G. 61404
Skryshevsky, V.A., Laugier, A., Strikha, V.I., Vikulov, V.A. Evaluation of quantum efficiency of porous silicon photoluminescence 114576
Skryuchenkov, L.M. *see* Krylov, V.P. 110323
Skubic, I. *see* Furlan, J. 114708
Skubic, P. *see* Asner, D. 90163
Skulachev, D.P. *see* Kosov, A.S. 101561
Skulachev, D.P. *see* Kosov, A.S. 111192
Skulkin, S. An analysis of aperture antenna near field 66064
Skumryev, V. *see* Chen, D.-X. 84791
Skundin, A.M. *see* Bagotzky, V.S. 112185
Skupsky, S. *see* Eimeri, D. 85420
Skuras, E. *see* Barton, C.J. 62931
Skuratov, V. *see* Bolotin, I. 100694
Skurida, D. *see* Faifer, V. 62671
Skuridin, A.A. *see* Vavilov, S.G. 106623
Skuridin, S.G., Yevdokimov, Yu.M., Efimov, V.S., Hall, J.M., Turner, A.P.F. A new approach for creating double-stranded DNA biosensors 110228
Skurikhin, A.N., Surkan, A.J. Messy genetic algorithm learns a classifier to design multiplexers 98984
Skutt, G.R., Lee, F.C. Characterization of dimensional effects in ferrite-core magnetic devices 115881
Skvaril, P. *see* Ban, J. 69810
Skvor, Z. *see* Divina, L. 114313
Skvortsov, B.N. *see* Bagayev, S.N. 96113
Skwarnicki, T. CLEO/CESR future prospects 119974
Skyberg, B. *see* Runde, M. 121822
Skyllas-Kazacos, M., Menictas, C., Kazacos, M. Thermal stability of concentrated V(V) electrolytes in the vanadium redox cell 71617
Skyllas-Kazacos, M. *see* Zhong, S. 112265
Skyner, D.J. *see* Whale, J. 111862
Skytt, P. *see* Johansson, E. 61249
Skytta, J. *see* Kemppainen, H. 109694
Skytta, J. *see* Vuori, J. 88304
Slabbekoorn, J. *see* Nanver, L.K. 94930
Slabbekoorn, J. *see* Nanver, L.K. 114711
Slack, E.R. Regulatory aspects of an international PCS satellite system 88427
Slack, J. *see* Rice, M. 109587
Slack, M. The North American battery sector–military and commercial problems and solutions 112179
Slack, P.A., Moritake, Y., Iwasaki, T., Ninomiya, I. An integrated video production system 119498
Slade, H.C., Shur, M.S., Deane, S.C., Hack, M. Below threshold conduction in a-Si:H thin film transistors with and without a silicon nitride passivating layer 115208
Slade, M.A. *see* Cho, J.Y.N. 111226
Slade, S.B., Kassabian, G., Berkowitz, A.E. Combination high-sensitivity alternating current susceptometer and high-frequency B-H looper 99962
Sladek, J. *see* Sladek, V. 61072
Sladek, V., Sladek, J. Regularization of hypersingular integrals in BEM formulations using various kinds of continuous elements 61072
Slagter, H. Lightning protection for mobile cellular telecoms systems 99218
Slama, M.D., Fly, B.E. MAPS hybrid formal qualification performance test results 80725
Slama-Belkhodja, I., De Fornel, B. Adaptive speed control of an induction motor 91497
Slangen, P., Berwart, L., De Veuster, C., Golinval, J.-C., Lion, Y. Digital speckle pattern interferometry (DSPI): a fast procedure to detect and measure vibration mode shapes 79728
Slangen, P.R.L., de Veuster, C., Renotte, Y.L.M., Berwart, L., Lion, Y.F. Computer-aided interferometric measurements of drift and phase shifter calibration for digital speckle pattern interferometry 89536
Slaoui, A. *see* Monna, R. 82615
Slapa, M., Traczyk, M. A new concept of dosimeter with silicon photodiodes 90650
Slapa, M., Traczyk, M. A new concept of dosimeter with silicon photodiodes 101460
Slapkas, D.I. *see* Tassis, D.H. 94432
Slaski, M. *see* Hodges, J.P. 75324
Slater, A.D. *see* Hansen, S.B. 70234
Slater, D., Healey, G. Using a spectral reflectance model for the illumination-invariant recognition of local image structure 86452
Slater, D. *see* Paolella, A. 73697
Slater, D.A., Luo, Y., Osgood, R.M., Jr. Chemical preparation of ordered CdTe(110) and (100) surfaces using atomic hydrogen 74580
Slater, D.B., Jr., Lipkin, L.A., Johnson, G.M., Suvorov, A.V., Palmour, J.W. High temperature enhancement-mode NMOS and PMOS devices and circuits in 6H-SiC 63703
Slater, D.B., Jr., Lipkin, L.A., Johnson, G.M., Suvorov, A.V., Palmour, J.W. NMOS and PMOS high temperature enhancement-mode devices and circuits in 6H-SiC 106240
Slater, J. Video projectors: an overview and a look forward 99743
Slater, J.D. *see* Levy, R.P. 110882
Slater, J.M. *see* Levy, R.P. 110882
Slater, P.R. *see* Hodges, J.P. 75324
Slater, T., Van Gerwen, P., Masure, E., Preud'homme, F., Baert, K. Thermomechanical characteristics of a thermal switch 84650
Slater, T. *see* Van Gerwen, P. 89066
Slatkin, D.N. *see* Dilmanian, F.A. 90434
Slaton, T. *see* Adolphsen, C. 89648
Slaton, T. *see* Adolphsen, C. 89869
Slaton, T. *see* Minty, M.G. 89653
Slaton, T. *see* Zimmermann, F. 89651
Slattery, J. *see* Marshall, I. 80282
Slattery, K.P. *see* Bosley, L. 94142
Slattery, K.T. *see* Udd, E. 81119
Slattery, O. *see* Doyle, R. 92273
Slattery, R. *see* Hampel, G. 83343
Slattery, R.F. *see* Jupina, M.A. 72988
Slattery, R.L. *see* Lyons, W.G. 93777
Slatton, K.C., Crawford, M.M., Gibeaut, J.C., Gutierrez, R. Modeling wetland vegetation using polarimetric SAR 120678
Slaven, S. *see* Goldner, R.B. 81711
Slavin, A.N. Thresholds of spin wave envelope soliton formation in magnetic films with dissipation 64333
Slavin, A.N. *see* Marcelli, R. 115868
Slavin, A.N. *see* Rojdestvenski, I.V. 75178
Slavkovsky, P., Hulin, I. Voltage sum of filtered ECG signal–a sensitive parameter of ventricular activation 90522
Slawska-Waniewska, A. *see* Squire, P.T. 115573
Slawson, B. *see* Corba, M. 98276
Slazas, P.A. Non-contact optical displacement sensing 89135
Sleator, A. *see* Suzuki, H. 90942
Sledzik, H. *see* Guttich, U. 83445
Sledzik, H. *see* Guttich, U. 83465
Sleeckx, E. *see* Adriaenssens, G.J. 94414
Sleeckx, E. *see* Boev, V. 114660
Sleeth, R.G., Pearce, C.G., George, G. Community networking: managing phobic behaviors at the individual and community levels 118198
Sleight, A.W. *see* Wang, R. 104096
Sleight, J.W. *see* Deshpande, M.R. 63811
Sleijpen, G.L.G., Booten, A.G.L., Fokkema, D.R., Van Der Vorst, H.A. Jacobi-Davidson type methods for generalized eigenproblems and polynomial eigenproblems 103756
Sleijpen, G.L.G., Van der Vorst, H.A. A Jacobi-Davidson iteration method for linear eigenvalue problems 61019
Sleijpen, G.L.G. *see* Fokkema, D.R. 72609
Sleiman, A. *see* Thobel, J.L. 94463
Slemp, D., Courtney, C., Fayne, W., Pelletier, P. Virtual diode mixer for wideband mixing applications 104838
Slempkes, S. *see* Delorme, F. 76035
Slempkes, S. *see* Delprat, D. 96424
Slempkes, S. *see* Dorgeuille, F. 99532
Slempkes, S. *see* Nakajima, H. 88560
Slemr, F. *see* Mucke, R. 70518
Slemr, J. *see* Mucke, R. 70518
Slepyan, A.Ya. *see* Kurayev, A.A. 62607
Slepyan, G.Ya., Lakhtakia, A., Maksimenko, S.A. Bruggeman and Maxwell Garnett models of a chiral composite with weak cubic nonlinearities 97087
Sletbak, J. *see* Gustavsen, B. 91180
Sletten, M.A., Trizna, D.B. Ultra-wideband, polarimetric radar studies of spilling breakers 99649
Sletten, M.A., Trizna, D.B., Hansen, J.P. Ultrawideband radar observations of multipath propagation over the sea surface 68625
Sleva, M.Z., Hunt, W.D., Connuck, D.M. A network analyzer-based tissue characterization system 90374
Slevin, M.E. Materials for use in fire risk areas 73836
Slim, R.W. Video transmission over fibre 99464
Slimane, M., Venturini, G., Asselin de Beauville, J.-P., Brouard, T., Brandeau, A. Optimizing hidden Markov models with a genetic algorithm 60895
Slinker, S.-P. *see* Myers, M.C. 69670
Slinkman, J. *see* Masters, M. 95134
Slissenko, A. *see* Burago, D. 60805
Sliva, P., Anheier, N.C., Gordon, N.R., Simmons, K.L., Stahl, K.A., Undem, H.A. Tamper indicating and sensing optical-based smart structures 79460
Slivinskas, V., Simonyte, V. MATLAB-based software for estimation of quasipolynomials in noise 66859
Slivka, A.G. *see* Shusta, V.S. 106328
Slivka, J. *see* Krmar, M. 80445
Slivken, S. *see* Hoff, J. 100003
Slivken, S. *see* Yi, H.J. 75941
Slivnik, B. *see* Trobec, R. 98392
Sloan, D.F. *see* Skevington, P.J. 67613
Sloan, I.H. *see* Niederreiter, H. 61029
Sloan, I.H. *see* Schatz, A.H. 61038
Sloan, J. *see* Jeffers, S. 97130
Sloan, L.R. *see* Howard, A.J. 62470
Sloan, R., Yong, C.K., Davis, L.E. Broadband millimetric semiconductor junction circulators at 77 K 83306
Sloan, T. *see* Bates, R.L. 120142
Sloan, T. *see* Chilingarov, A. 120144
Sloan, T. *see* Jones, B.K. 114602
Sloan, T. *see* Liu, J.Y. 89882
Sloan, T. *see* Santana, J. 120145
Sloan, T. *see* Wang, L. 89881
Sloan, T. *see* Zdansky, K. 120147
Sloane, N.J.A. *see* Hardin, R.H. 66312
Sloane, T.H., Mekanik, F. Effects of line-failure phase angle in ferroresonant UPS 71453
Sloboda, M. *see* Day, M. 117982
Sloboda, R.S. *see* Yu, M.K. 90574
Slobodchikov, E.V. *see* Dianov, E.M. 96139
Slobodchikov, S.V., Russu, E.V., Salikhov, Kh.M., Meredov, M.M., Yazlyeva, A.I. Mechanism of current transport and photoelectric characteristics of Pd-SiN-p-Si structures 63166
Slobodchikov, S.V., Russu, E.V., Salikhov, Kh.M., Meredov, M.M., Yazlyeva, A.I. Electric and photoelectric characteristics of a hybrid isotypic p-InP-p-InGaAs heterostructure with a Pd-p-InP Schottky barrier 114682
Slobodchikov, S.V. *see* Mikhailova, M.P. 116233
Slobodchikov, S.V. *see* Mikhailova, M.P. 116234
Slominski, L. *see* Bertocchi, M. 72536
Slomka, S., Castellano, P., Sridharan, S. An augmented multiple binary classifier model for speaker recognition 117268
Slonczewski, J. *see* Deak, J. 99942
Slone, R.M., Van Metter, R., Senol, E., Muka, E., Pilgram, T.K. Effect of exposure variation on the clinical utility of chest radiographs 90326
Slone, R.M. *see* Huda, W. 80365
Slonium, M.A. *see* Katz, I. 81591
Slonski, J.P. System fault protection design for the Cassini spacecraft 80568
Sloot, J.G.J. *see* Meng, X.Z. 104315
Slosarcik, S. *see* Bansky, J. 89034
Slosarcik, S. *see* Gmiterko, A. 89523
Slotboom, J.W. *see* Hueting, R.J.E. 84318
Slotboom, J.W. *see* Hueting, R.J.E. 105894
Sloth, K. *see* Godlove, T.F. 90227
Slotwinski, A. *see* Barry, R.E. 110033
Slowik, P. *see* Lutter, P. 117277
Slowikowska, H., Slowikowski, J. The application of scanning profilometry and surface resistance measurements for determination of changes in solid dielectric surface layer exposed to the PD action 106299
Slowikowski, J. *see* Slowikowska, H. 106299
Slowko, W., Drzazga, W., Felba, J. Low voltage scanning electron microscope with a combined multi-electrode retarding lens and detector 114549
Slowko, W. *see* Czepkowski, T. 117743
Sluguin, S.N. *see* Belov, S.A. 82500
Sluijk, T. *see* Kroes, F. 100476
Sluijk, T. *see* Noomen, J.G. 100546
Sluis, D. *see* Edmond, C.V. 80431
Sluis, L.van der *see* van der Sluis, L.
Slusarczyk, R., Schild, T., Lipman, J. User-configurable ASIC system design 61701
Slusher, R.E. *see* Eggleton, B.J. 75458
Slusher, R.E. *see* Jordan, R.H. 107010
Slutsker, I.W., Mokhtari, S., Clements, K.A. Real time recursive parameter estimation in energy management systems 101933

Slutz, S.A., Lemke, R.W. Instabilities in magnetically insulated ion diodes 69640
Slutz, S.A. *see* Cuneo, M.E. 69683
Slutz, S.A. *see* Mehlhorn, T.A. 69637
Slutz, S.A. *see* Menge, P.R. 120122
Slutzky, M. *see* Berk, Y. 105359
Sluzek, A. Invariant description of digital contours 87093
Sluzek, A., Ng, G.S., Chan, Y.W. Texture analysis using neural networks 98140
Slvananthan, S. *see* Grann, E. 114623
Slye, F. *see* Mullins, J. 91023
Slyke, M.A.Van *see* Van Slyke, M.A.
Slyke, S.A.Van *see* Van Slyke, S.A.
Slyn'ko, E.I. *see* Belogorokhov, A.I. 62781
Slyusarev, S., Ikegami, T., Ohshima, S., Sakuma, E. Influence of electrochromic damage of a $KTiOPO_4$ crystal on a phase-locked CW optical parametric oscillator 85707
Slyusarev, S. *see* Ikegami, T. 76130
Slyusarev, S. *see* Ikegami, T. 76172
Slyz, M.J., Neuhoff, D.L. Piecewise linear tree-structured models for lossless image compression 86732
Smagin, V.I. Linear filtration in an analog system having a degenerate meter noise intensity matrix 97818
Smagley, V.A. *see* Eliseev, P.G. 96034
Smagley, V.A. *see* Perlin, P. 107006
Smaili, F.D. *see* Gagnon, L. 109763
Smakman, G.J.J. *see* Bestebroer, V.S.I. 121278
Smalbrugge, E. *see* Groeneveld, R.H.M. 69425
Small, D., Pasquali, P., Fuglistaler, S. A comparison of phase to height conversion methods for SAR interferometry 111081
Small, D. *see* Fenimore, D.L. 107592
Small, D.W., Kerns, K. Opportunities for rapid integration of human factors in developing a free flight capability 70391
Small, D.W., Wong, R.K., Colson, W.B. Transverse effects in UV FELs 96473
Small, G. *see* Yang, J. 101320
Small, M., Harward, M., Zhao, B. The design of a testchip for the SEMATECH program to standardize reliability testing of interconnects 63473
Small, M. *see* Dodds, R.E. 82353
Small, M. *see* Smith, D. 60752
Small, M. *see* Smith, D. 110287
Smallenburg, K., Halman, J.I.M., van Mal, H.H. Towards re-use of knowledge in the concept stage of development 72209
Smalley, M. A seaward perimeter protection scheme using scanning thermal imaging cameras 120937
Smalley, M., Devereux, H. VIDEQUAL–a tool for quantitive measurement of fixed CCTV surveillance systems 119491
Smallwood, R. *see* Haslett, J. 73574
Smallwood, R.H. *see* Metherall, P. 101366
Smaltz, C. Extending battery life of portable devices 71631
Smans, J., Korsten, H.H.M., Blom, J.A. Optimal surface electrode positioning for reliable train of four muscle relaxation monitoring 90529
Smantana, V. *see* Sarbu, A. 68360
Smart, I.F. Times change–the safe certified solution [dependent manual switchgear] 71575
Smart, K. *see* Dobson, K. 86091
Smart, M.H.W., Murray, A.F. Multilayer perceptron for rotationally invariant feature extraction and classification 98041
Smartt, C.J. Fourier methods for the analysis of integrated optics devices 64777
Smartt, C.J. *see* Christopoulos, C. 114256
Smayling, M.C. *see* Tittel, F.K. 105756
Smeaton, A.F., Gregan, A. Distributed multimedia QoS parameters from presentation modelling by coloured Petri nets 67932
Smedes, T., van der Meijs, N.P., van Genderen, A.J. Boundary element methods for capacitance and substrate resistance calculations in a VLSI layout verification package 61533
Smedes, T., van der Meijs, N.P., van Genderen, A.J., Elias, P.J.H., Vanoppen, R.R.J. Layout extraction of 3D models for interconnect and substrate parasitics 84543
Smedes, T. *see* van Genderen, A.J. 73570
Smedley, K.K. *see* Yunhong Ma 71411
Smedley, K.M. Integrators in pulse width modulation [switching circuits] 113731
Smedley, K.M. *see* Smith, K.M. 71429
Smedley, K.M. *see* Zheren Lai 71459
Smedt, R.De *see* De Smedt, R.
Smeeks, F.C. *see* Hoffmeister, J.W. 70021
Smeers, Y. *see* Jonard, F. 101981
Smeers, Y. *see* Wei Jing-Yuan 80829
Smeins, L.G., Cole, E.H., Stechman, J.M., Lorman, G., Becker, G. STIS 1 K×1 K photon counting array detector system 79529
Smeins, L.G. *see* Cole, E.H. 79527
Smeitink, E. *see* Aalto, S. 77783
Smekalin, K. *see* Baude, P.F. 74430
Smela, E., Inganas, O., Lundstrom, I. Micro-robots controlled by conducting polymer muscles: multi-hinged, folding actuators 112166
Smeltzer, R.K. *see* Ostapenko, S. 62683
Smerdov, V.Y. *see* Remnev, A.M. 85481
Smerdov, V.Yu. *see* Remnev, A.M. 113734
Smerdova, N.E. *see* Shloma, A.M. 78378
Smertenko, P.S. *see* Gorbach, T.Ya. 92773
Smet, H.De *see* De Smet, H.
Smet, J.H., Fonstad, C.G., Qing Hu Intrawell and interwell intersubband transitions in multiple quantum wells for far-infrared sources 85483
Smet, J.H., Weiss, D., Blick, R.H., Lutjering, G., Von Klitzing, K., Fleischmann, R., Ketzmerick, R., Geisel, T., Weimann, G. Magnetic focusing of composite fermions through arrays of cavities 105235
Smetana, W. Aspects of realization of buried capacitors in thick film multilayer circuits 62498
Smetanin, I.V. *see* Belenov, E.M. 65428
Smetanin, V.N. *see* Shipitsyn, V.V. 71565
Smetanin, Yu.G. *see* Zhuravlev, Yu.I. 67327
Smetek, P. *see* Abramski, K.M. 86899
Smets, R. *see* Van der Plas, G. 78251
Smets, R.C.J., Ennen, J.G.L. 10 Gbit/s long haul soliton versus NRZ optical transmission in the 1300 nm window 78830
Smeu, E., Ispasoiu, R.G., Suruceanu, G.I., Mereutza, A.Z. Compact-size electronic device for diode-laser characteristic curve tracing 79747
Smeulders, W.M. *see* Worring, M. 69918
Smeyne, A.L. Embeddable, commercially based, high performance computing 70353
Smeys, P.I.L., Griffin, P.B., Saraswat, K.C. Geometry dependence of void formation in deep submicron poly-buffered LOCOS isolation structures: Experimental evidence of a stress-relaxation model 63349
Smidt, P.J.M., Duarte, J.L. Powering neon lamps through piezoelectric transformers 122069
Smidts, C. *see* Devooght, J. 72199
Smiesko, I., Burclova, J. What did significantly reduce the dose rate build-up of Slovak VVER 440-V230 units? 71072
Smiesko, M. *see* Sandrik, P. 71005
Smietana, R. *see* Arani, F. 67495
Smietana, R. *see* Arani, F. 86190
Smigaj, B. Tactical communication system 101646
Smigielski, P. *see* Pascal, J.-C. 76273
Smiley, M.W. A finite element method for computing the bifurcation function for semilinear elliptic BVPs 72716
Smillie, J. *see* Cacharelis, P. 63917
Smilowitz, L., McBranch, D., Klimov, V., Robinson, J.M., Koskelo, A., Grigorova, M., Mattes, B.R., Wang, H., Wudl, F. Enhanced optical limiting in derivatized fullerenes 96612
Smircic, A. *see* Santica, I. 70910
Smirl, A.L., Bolger, J.A., Paul, A.E., Pellegrino, J.G. Time resolved measurements of the polarization state of coherent four-wave-mixing signals from GaAs multiple quantum wells 105379
Smirl, A.L. *see* Huang, X.R. 95828
Smirl, A.L. *see* McCallum, D.S. 62858
Smirnitskii, V.B. *see* Timofeev, F.N. 63319
Smirnitskii, V.B. *see* Timofeev, F.N. 63320
Smirnov, A., Drobysh, P., Jensen, A., Rasmussen, E., Pozhidaev, E., Belyaev, V., Starodubtsev, N., Savvina, R., Trufan, V., Klementov, A. Active matrix liquid crystal reflective double-SLM for a joint transform correlation 85127
Smirnov, A. *see* Konovalov, V. 89417
Smirnov, A.A. *see* Baldin, A.M. 90061
Smirnov, A.B. *see* Vasiliev, A.S. 116327
Smirnov, A.I. *see* Aliev, Yu.M. 64766
Smirnov, A.L. *see* Grachev, G.N. 107069
Smirnov, A.L. *see* Grachev, G.N. 107113
Smirnov, A.P., Malai, I.M. Investigation of systematic errors and means of reducing them in measuring radar characteristics 78958
Smirnov, A.V. Linac integrated scheme using rf energy storage and compression 89729
Smirnov, A.V., Varfolomeev, A.A. Strong focusing influence on high gain FEL characteristics 96540
Smirnov, A.V., Zavorotny, V.U. Study of polarization differences in K_u-band ocean radar imagery 120832
Smirnov, D.V. *see* Gladysheva, L.G. 115105
Smirnov, D.V. *see* Kaliteevskaya, N.A. 115104
Smirnov, E.I., Gruzdkov, Yu.A., Parmon, V.N. A simple IR imager without nonlinear crystals 79558
Smirnov, G. *see* Belogurov, S. 100855
Smirnov, G.I. *see* Alferov, G.N. 114497
Smirnov, G.I. *see* Kalinin, S.V. 64898
Smirnov, G.V. *see* Burtsev, A.V. 107181
Smirnov, I.A. *see* Popov, V.V. 83890
Smirnov, M.I. Efficient multicast routing in high speed networks 78222
Smirnov, M.V. *see* Cherkasov, Yu.A. 65571
Smirnov, M.V. *see* Cherkasov, Yu.A. 76298
Smirnov, M.V. *see* Mazurenko, Yu.T. 76297
Smirnov, N. *see* Chikanian, A. 69869
Smirnov, N.B. *see* Polyakov, A.Y. 83905
Smirnov, N.B. *see* Polyakov, A.Y. 92843
Smirnov, N.I., Gorgadze, S.F. The efficiency of using noiselike complex signals for transferring images by retranslator satellites 68325
Smirnov, N.I., Gorgadze, S.F. An estimate of the power utilization efficiency of a nonlinear transponder in data transmission systems with code division multiplexing 78622
Smirnov, N.I., Mel'nik, S.V. A method of minimizing the number of repeaters in a territorially distributed radio network 88090
Smirnov, O.K. *see* Kudryavtsev, N.Yu. 102422
Smirnov, R.V. *see* Bikmatov, R.G. 96160
Smirnov, R.V. *see* Eimerl, D. 85613
Smirnov, S. *see* Akesson, T. 69833
Smirnov, S.E. *see* Gan, M.A. 64860
Smirnov, S.V. *see* Zuev, V.V. 120774
Smirnov, S.V. *see* Zuev, V.V. 120775
Smirnov, V.A. *see* Belousova, I.M. 120767
Smirnov, V.E. *see* Kaliteevskij, N.A. 116925
Smirnov, V.F. *see* Devyatkov, N.D. 110881
Smirnov, V.K., Simakin, S.G., Potapov, E.V., Makarov, V.V. SIMS depth profiling of delta-doped layers in silicon 105099
Smirnov-Rueda, R. *see* Gonzalez, J.M. 84766
Smirnov-Rueda, R. *see* Gonzalez, J.M. 115850
Smirnova, N.A. *see* Belogorokhov, A.I. 74189
Smirnova, N.Yu. *see* Andreev, A.N. 103981
Smirnova, O. *see* Ajinenko, I. 90197
Smirnova, O.A. *see* Grechin, S.G. 116438
Smit, C.L. Fiber-based video service is changing how entertainment producers are doing business in California 119463
Smit, E., McAllister, D.W., Dingley, C.E. Voltage dips and their effects on industrial equipment 103194
Smit, G.J.M. *see* Linnenbank, G.R.J. 77693
Smit, K. *see* Diemeer, J. 78653
Smit, M.K. *see* Spiekman, L.H. 78883
Smit, M.K. *see* Staring, A.A.M. 96384
Smit, M.K. *see* Steenbergen, C.A.M. 88573
Smit, M.K. *see* van Dam, C. 106833
Smit, M.K. *see* van den Hoven, G.N. 64730
Smit, P. *see* Mochele, J.T. 84767
Smith, A. *see* Cassell, R. 70351
Smith, A. *see* Castaldo, R. 80583
Smith, A. *see* Castaldo, R. 120653
Smith, A. *see* Hansen, L.T. 105262
Smith, A. *see* Masse, G. 94336
Smith, A.A. *see* Galvin, J.M. 80462
Smith, A.C., Dorrell, D.G. Calculation and measurement of unbalanced magnetic pull in cage induction motors with eccentric rotors. I. Analytical model 71322
Smith, A.C. *see* Dorrell, D.G. 71323
Smith, A.E. *see* Coit, D.W. 73865
Smith, A.E. *see* Coit, D.W. 82337
Smith, A.E. *see* Coit, D.W. 103686
Smith, A.G., Cloete, J.H. Calibration of a Gaussian beam microwave reflectometer for material measurements in free-space 119856
Smith, A.J. *see* Lev-Tov, S.J. 107893
Smith, A.J.A., Roddie, A.G., Henderson, D. Electrooptic sampling of low temperature GaAs pulse generators for oscilloscope calibration 104402
Smith, A.P. *see* Skevington, P.J. 67613
Smith, A.V. *see* Armstrong, D.J. 65422
Smith, A.W., Brennan, K.F. Comparison of non-parabolic hydrodynamic simulations for semiconductor devices 74684
Smith, B. *see* Peigneux, J.P. 120164
Smith, B. *see* Turbini, L.J. 104959
Smith, B.A., Minervini, J.V., Camille, R.J., Jr., Hale, J.R., Olmstead, M.M., Zhukovsky, A., West, R.E., Gwinn, D.A., Rosati, J.J., Reddy, C.T., Diatchenko, N., ten Kate, H.H.J., Knoopers, H.G., Shen, S.S., Brooks, A., Dahlgren, F. A pulsed magnetic field test facility for conductors and joints 102172
Smith, B.A. *see* Ready, W.J. 93991
Smith, B.C., Rowe, L.A. Compressed domain processing of JPEG-encoded images 67357
Smith, B.D., Peck, C.C. Implementations, comparisons, and an investigation of heuristic techniques for cone-beam tomography 101194
Smith, B.D. *see* Broekaert, T.P.E. 63822
Smith, B.D. *see* Broekaert, T.P.E. 105875
Smith, B.G. *see* Sienkiewicz, A. 73673
Smith, B.H. *see* Bolme, G.O. 89706
Smith, B.J., Arabshahi, P. A fuzzy decision system for ultrasonic prenatal examination enhancement 120354
Smith, B.V. *see* Alwi, H.A.B. 101613
Smith, B.W. *see* Henderson, B.G. 108556
Smith, C., Symonds, K. Novel deprocessing techniques to analyze gate level defects 95208
Smith, C. *see* Groshart, G. 68044
Smith, C. *see* Leitch, M.J. 90240
Smith, C. *see* Li, D.-G. 92558
Smith, C.A., Burnham, E.J., James, D.J.G. Intersample statistical techniques applied to a gas engine speed control system 111776
Smith, C.A., Burnham, K.J., James, D.J.G. Modelling the speed loop of a gas engine from real-time data 102434
Smith, C.A., Burnham, K.J., James, D.J.G., Ham, P.A.L. Fuzzy and model based supervisory controller for combined cycle plant start-up using thermal stress constraints 81331
Smith, C.D. *see* Auckland, D.W. 70951
Smith, C.E. *see* Elsherbeni, A.T. 62152
Smith, C.E. *see* Elsherbeni, A.Z. 83460
Smith, C.E. *see* Khan, O.D. 104780
Smith, C.E. *see* Shixiong Dai 83487
Smith, C.G., Key, M.H., Cairns, G., Dwivedi, L., Krishnan, J., Lewis, C.L.S., MacPhee, A.G., Neely, D., Ramsden, S.A., Tallents, G. Study of beam aberrations in a germanium XXIII XUV laser amplifier 107039
Smith, C.G. *see* Field, M. 83946
Smith, C.G. *see* Field, M. 105362
Smith, C.G. *see* Frost, J.E.F. 62934
Smith, C.G. *see* Liang, C.-T. 106099
Smith, C.H. *see* Wang, D. 115648
Smith, C.J. Thyristors revisited. The role of improved performance and design in modern applications 121742

Smith, C.L. *see* Gertman, D.I. 71057
Smith, C.P., Dykstra, R. Observation in the two-level spatial Maxwell-Bloch model of the anomalously large first peak as seen in experimental Lorenz-like spiral chaos from the $^{15}NH_3$ laser 96092
Smith, D. Integral Energy, the electricity market and remote metering 102294
Smith, D. New design simplifies line switch installations [distribution network protection] 111581
Smith, D., Small, M., Dodds, R., Amagai, S., Strong, T. Computer monitor recycling: a case study 60752
Smith, D., Small, M., Dodds, R., Amagai, S., Strong, T. Computer monitor recycling: a case study 110287
Smith, D. *see* Folkes, P.A. 115242
Smith, D. *see* Geen, D. 76570
Smith, D. *see* Geen, D. 108013
Smith, D. *see* Gomes, C.P. 121273
Smith, D. *see* Hayward, T.D. 79878
Smith, D. *see* Papernov, S. 107462
Smith, D. *see* Webb, A. 120438
Smith, D.A., Chakravarthy, R.S., Bao, Z., Baran, J.E., Jackel, J.L., d'Alesandro, A., Fritz, D.J., Huang, S.H., Zou, X.Y., Hwang, S.-M., Willner, A.E., Li, K.D. Evolution of the acousto-optic wavelength routing switch 78885
Smith, D.A., d'Alessandro, A., Baran, J.E., Fritz, D.J., Jackel, J.L., Chakravarthy, R.S. Multiwavelength performance of an apodized acousto-optic switch 109652
Smith, D.A., Holden, D.N. Ground-based observations of subionospheric pulse pairs 80619
Smith, D.A., Zhuoyu Bao Technology and applications of the integrated acousto-optic filter 116150
Smith, D.A. *see* Heston, M.L. 88510
Smith, D.A. *see* Huang, S.H. 75624
Smith, D.A. *see* Huang, S.H. 99573
Smith, D.A. *see* Huang, S.H. 119236
Smith, D.A. *see* Jackel, J.L. 78891
Smith, D.A. *see* Rashid, H. 68416
Smith, D.A. *see* Smith, S.W. 95778
Smith, D.A. *see* Willner, A.E. 85153
Smith, D.A.McL *see* McL Smith, D.A.
Smith, D.F., Donnelly, T., Mapps, D.J. High density storage on a magnetic stripe card 115825
Smith, D.G. An introduction to GSM enhancements for operator specific services (CAMEL) 78398
Smith, D.G. *see* Cheng, T.-H. 67525
Smith, D.G. *see* Fontaine, M. 98387
Smith, D.G. *see* Marples, D. 67893
Smith, D.G. *see* Muller, C. 77871
Smith, D.G. *see* Seman, K. 78309
Smith, D.G. *see* Veitch, P.A. 77742
Smith, D.G. *see* Veitch, P.A. 108882
Smith, D.J. VHDL and Verilog compared and contrasted–plus modeled example written in VHDL, Verilog and C 83025
Smith, D.J., Tsen, S.-C.Y., Chen, Y.P., Sivananthan, S., Posthill, J.B. Growth and characterization of heteroepitaxial CdTe and ZnTe on Ge(001) buffer layers 113288
Smith, D.J. *see* Atzmon, Z. 113347
Smith, D.J. *see* Eyal, A. 83968
Smith, D.J. *see* Hutchins, J.W. 74159
Smith, D.J. *see* McMurran, J. 82599
Smith, D.J. *see* Patete, P.V. 80298
Smith, D.J. *see* Sivananthan, S. 74169
Smith, D.J. *see* Tsen, S.C.Y. 74161
Smith, D.K. Dynamic programming and two puzzles of Dudeney 72523
Smith, D.L., Ingwersen, P., Bennett, L.F., Boyes, J.d., Anderson, D.E., Greenly, J.b., Sudan, R.N. COBRA accelerator for Sandia ICF diode research at Cornell University 89738
Smith, D.L. *see* Albrecht, J.D. 74320
Smith, D.L. *see* Davids, P.S. 116257
Smith, D.L. *see* Mazarakis, M.G. 89601
Smith, D.L. *see* Mazarakis, M.G. 120048
Smith, D.L. *see* Musa, M. 122026
Smith, D.L. *see* Watson, M.F. 102273
Smith, D.M. *see* Kobayashi, K.W. 83439
Smith, D.R. Hardware synthesis from encapsulated Verilog modules 104507
Smith, D.R. *see* Shtrikman, S. 64418
Smith, D.R. *see* Suzuki, T. 83299
Smith, D.S., Moore, J. Gas detection using a high quantum efficiency, 2-D IR InSb staring array 69368
Smith, D.S. *see* Dodds, R.E. 82353
Smith, D.T. *see* Edgar, J.H. 104097
Smith, D.W. *see* Chadha, S.S. 85269
Smith, D.W. *see* Tang, Y.S. 62922
Smith, E. Relationship between the normal operation temperature for a nuclear reactor steel pressure vessel and the onset of upper shelf temperature 71088
Smith, E.B. *see* McKee, W.R. 93387
Smith, E.C. *see* Adams, J.H., Jr. 120616
Smith, E.F., III, Lysonski, R., Klein, A., Agopovich, J.W., Reed, B., Denton, R. Screening contact materials for low speed slip ring assemblies 62411
Smith, E.H., Kalbfleisch, G.R. Double-sided silicon charge correlation study: matching multiple track hits 69760
Smith, E.J. *see* Cacciani, A. 64830
Smith, F.J. *see* Ming, J. 66605
Smith, F.W. *see* Rogers, T.J. 84485
Smith, G. Micro power protection chip for rechargeable lithium-ion batteries 104344
Smith, G. *see* Agnello, M. 110583
Smith, G. *see* Phillips, C. 99647
Smith, G. *see* Sadoulet, B. 100818
Smith, G.A., Castillo, V., Roser, T., van Asselt, W., Witkover, R., Wong, V. Digital transverse beam dampers for the Brookhaven AGS 100606
Smith, G.A. *see* Holzscheiter, M.H. 79984
Smith, G.A. *see* Howe, S.D. 80339
Smith, G.B. *see* Chandler, H.A. 68722
Smith, G.D. *see* Kapsalis, A. 99713
Smith, G.D.W. *see* Boswell, E.C. 73987
Smith, G.D.W. *see* Boswell, E.C. 83694
Smith, G.D.W. *see* Cerezo, A. 79563
Smith, G.E. *see* Ohl, G.L. 91836
Smith, G.J. *see* Barnes, T.H. 65547
Smith, G.J.H. The future of intellectual property in an online world 118392
Smith, G.M., Forbes, D.V., Lammert, R.M., Coleman, J.J. Metallization to asymmetric cladding separate confinement heterostructure lasers 85469
Smith, G.M., Hughes, J.S., Lammert, R.M., Osowski, M.L., Coleman, J.J. Wavelength tunable asymmetric cladding ridge waveguide distributed Bragg reflector lasers 65204
Smith, G.M., Hughes, J.S., Lammert, R.M., Osowski, M.L., Papen, G.C., Verdeyen, J.T., Coleman, J.J. Wavelength-tunable asymmetric cladding ridge-waveguide distributed Bragg reflector lasers with very narrow linewidth 76004
Smith, G.M. *see* Lammert, R.M. 65000
Smith, G.M. *see* Lammert, R.M. 65205
Smith, G.M. *see* Purchase, K.G. 88483
Smith, G.M. *see* Turnbull, G.A. 73684
Smith, G.O. *see* Bott, K. 62940
Smith, G.O. *see* Kuhl, J. 62867
Smith, G.P. *see* Morrison, N.A. 104117
Smith, G.P. *see* Yalcin, S. 120881
Smith, G.R., Amaudruz, P.A., Brack, J.T., Felawka, L., Gorelov, A., Henderson, R.A., Ottewell, D.F., Vincent, P., Wu, Y., Bonutti, F., Camerini, P., Grion, N., Rui, R., Hoey, J., Hofman, G., Kermani, M., Maas, D., McFarland, S., Raywood, K., Sevior, M.E., Mathie, E.L., Tacik, R., Reeve, P., Ristinen, R.A., Gibson, E.F., Meier, R., Staudenmeier, H. The CHAOS program and detector for pion physics at TRIUMF 120229
Smith, G.S. *see* Maloney, J.G. 97326
Smith, G.S. *see* Montoya, T.P. 97313
Smith, G.S. *see* Montoya, T.P. 117047
Smith, G.S. *see* Shlager, K.L. 76565
Smith, G.S. *see* Shlager, K.L. 108028
Smith, G.W. *see* Cockburn, J.W. 74395
Smith, H. *see* Decker, F.-J. 100596
Smith, H. *see* Decker, F.-J. 100691
Smith, H. *see* Pehlke, D.R. 62272
Smith, H.D.A. *see* Chen, Y.P. 93148
Smith, H.H., Katopis, G.A. Multireflection algorithm for timed statistical coupled noise checking 93048
Smith, H.I. X-ray lithography for microelectronics 63513
Smith, H.I., Schattenburg, M.L., Hector, S.D., Ferrera, J., Moon, E.E., Yang, I.Y., Burkhardt, M. X-ray nanolithography: Extension to the limits of the lithographic process 115095
Smith, H.I. *see* Bozler, C.O. 74062
Smith, H.J.T. *see* Blackburn, J.A. 75359
Smith, H.L. Substation automation problems and possibilities 121805
Smith, I. *see* Lightfoot, J. 68816
Smith, I. *see* Mazarakis, M.G. 89601
Smith, I.R. *see* Child, D. 91414
Smith, I.R. *see* Child, D. 102527
Smith, I.R. *see* Gregory, K. 73089
Smith, I.R. *see* Gregory, K. 81935
Smith, I.R. *see* Miran, S.M. 91647
Smith, I.R. *see* Miran, S.M. 103045
Smith, I.R. *see* Vadher, V.V. 80874
Smith, I.R. *see* Vadher, V.V. 102771
Smith, I.S. *see* Ring, W.S. 85476
Smith, J. Multimedia on the Internet: emerging technology 109221
Smith, J. *see* Farrens, S. 63194
Smith, J. *see* Graham, G. 70611
Smith, J. *see* Pember, I. 63980
Smith, J. *see* Ramamoorthy, S. 89938
Smith, J. *see* Singh, O. 89619
Smith, J.A., Reynolds, D.B., Bajpai, P.K., Sedaghat, A. Feasibility of determining diffusion characteristics of bioceramics using gamma scintigraphy 70022
Smith, J.C. The SARAM (sequential access and random access memory), a new kind of dual-port memory for communications now and beyond 61885
Smith, J.C. An innovative ATM switch using existing Four-Port technology 68009
Smith, J.C. The SARAM (sequential access and random access memory), a new kind of dual-port memory for communications now and beyond 73364
Smith, J.C., Berven, C., Wybourne, M.N., Goodnick, S.M. Conductance instabilities in quantum point contacts 105292
Smith, J.D., Takahashi, K. Multimedia architecture to support requirements analysis 78131
Smith, J.D. *see* Bird, D.J. 110586
Smith, J.D. *see* Kanda, H. 83639
Smith, J.D. *see* Tang, Y.N. 89939
Smith, J.F. *see* Lhersonneau, G. 80145
Smith, J.H. Micromachined sensor and actuator research at Sandia's Microelectronics Development Laboratory 95230
Smith, J.H., Carson, R.F., Sullivan, C.T., McClellan, G. Monolithic integration of waveguide structures with surface-micromachined polysilicon actuators 116279
Smith, J.H., Montague, S., Sniegowski, J.J. Material and processing issues for the monolithic integration of microelectronics with surface-micromachined polysilicon sensors and actuators 74873
Smith, J.H. *see* Eaten, W.P. 79371
Smith, J.J., Leung, Y.H., Cantoni, A. The Cramer-Rao lower bound for towed array shape estimation with a single source 66716
Smith, J.J., Yee Hong Leung, Cantoni, A. The partitioned eigenvector method for towed array shape estimation 109813
Smith, J.J. *see* Mosier-Boss, P.A. 112207
Smith, J.K. *see* Ganz, M.W. 90889
Smith, J.L. A revolution in robotic space exploration: ten times as many missions at ten percent of the cost per mission 90678
Smith, J.L. *see* Perettie, D.J. 95068
Smith, J.M. *see* Nahrstedt, K. 109206
Smith, J.MacGregor *see* MacGregor Smith, J.
Smith, J.O., III Physical modeling synthesis update 88883
Smith, J.P. *see* Corsi, M. 62050
Smith, J.R., Andersson, G., Taylor, C.W. Annotated bibliography on power system stability controls: 1986-1994 70719
Smith, J.R., Chang, S.-F. Space adaptive wavelet packet image compression 67014
Smith, J.R. *see* Fatehi, F. 70717
Smith, J.R. *see* Kettleborough, J.G. 103130
Smith, J.S. *see* Evans, J.C. 67158
Smith, J.S. *see* Maizer, S. 82678
Smith, J.S. *see* Schultz, J. 63074
Smith, J.T., Brown, H.K. Mixed-signal circuit simulation system with behavioral modeling capability 62062
Smith, K. *see* Bates, R. 120148
Smith, K. *see* D'Auria, S. 116112
Smith, K. *see* Davey, R.P. 78709
Smith, K. *see* Gunning, P. 65342
Smith, K. *see* Gunning, P. 78710
Smith, K. *see* Jacobsen, F.M. 84184
Smith, K. *see* Rogers, D.C. 78692
Smith, K. *see* Scallen, S.F. 120586
Smith, K. *see* Seltmann, E.W. 100273
Smith, K. *see* Tonks, D. 93883
Smith, K.A. *see* Fowler, K.A. 119879
Smith, K.C. *see* Bonen, A. 69016
Smith, K.C. *see* Saad, R.E. 69088
Smith, K.D. *see* Street, A.J. 84927
Smith, K.M., Smedley, K.M. A comparison of voltage mode soft switching methods for PWM converters 71429
Smith, K.M. *see* Bates, R. 80029
Smith, K.M. *see* Bates, R.L. 120142
Smith, K.M. *see* Bates, R.L. 120149
Smith, K.M. *see* Chmill, V.B. 120151
Smith, K.S., Li Ran Input current harmonic analysis of pseudo 12-pulse 3-phase to 6-phase cycloconverters 81577
Smith, K.S., Ran, L., Penman, J. Analysis and control of ASVC for interphase load flow compensation 70774
Smith, K.S. *see* Ran, L. 71799
Smith, K.S. *see* Salman, S. 102655
Smith, L. Cables are back in fashion thanks to electronics 88500
Smith, L. *see* Jokerst, S. 80724
Smith, L. *see* Markus, K.W. 74872
Smith, L. *see* Moller, H. 105585
Smith, L. *see* Rangsten, P. 84631
Smith, L.D. *see* Bathey, K. 60612
Smith, L.E. *see* Kojima, K. 75991
Smith, L.K. *see* Marshall, C.D. 85427
Smith, L.L., Davis, R.F., Kim, M.J., Carpenter, R.W., Huang, Y. Microstructure, electrical properties, and thermal stability of Al ohmic contacts to n-GaN 105463
Smith, L.L., King, S.W., Nemanich, R.J., Davis, R.F. Cleaning of GaN surfaces 74568
Smith, L.M. *see* Jackson, H.E. 62919
Smith, L.M. *see* Jonker, B.T. 74336
Smith, L.M. *see* Poweleit, C.D. 62717
Smith, M., Chen, G.D., Lin, J.Y., Jiang, H.X., Khan, M.A., Sun, C.J., Chen, Q., Yang, J.W. Free excitonic transitions in GaN, grown by metal-organic chemical-vapor deposition 62736
Smith, M., Lin, J.Y., Jiang, H.X. Disorder and persistent photoconductivity in $Zn_xCd_{1-x}Se$ semiconductor alloys 94364
Smith, M., Lin, J.Y., Jiang, H.X., Salvador, A., Botchkarev, A., Kim, W., Morkoc, H. Optical transitions in $GaN/Al_xGa_{1-x}N$ multiple quantum wells grown by molecular beam epitaxy 114774
Smith, M., Sheather, S., Kohn, R. Finite sample performance of robust Bayesian regression 103595
Smith, M. *see* Johnson, K.F. 100583
Smith, M. *see* Ward, C. 97132
Smith, M. *see* Yuan, V.W. 89733
Smith, M.A. *see* Truscott, J.G. 80254
Smith, M.A. *see* Zapolin, R.E. 112315

Smith, M.C. All-glass hollow waveguide with structured cladding 75437
Smith, M.C., Crowley, R.D., Roeder, R.S. SeaWinds–a new spaceborne radar for measuring ocean wind vectors 111182
Smith, M.C. *see* Abernathy, P.C. 109739
Smith, M.C. *see* Boller, B.D. 111205
Smith, M.C. *see* Dobrzanski, J.R. 111239
Smith, M.F. An accelerated algorithm for 3-D SPECT image reconstruction with generalized matrix inverses 80231
Smith, M.F. Generalized matrix inverse reconstruction for SPECT using a weighted singular value spectrum 90360
Smith, M.F. Generalized matrix inverse reconstruction for SPECT using a weighted singular value spectrum 101331
Smith, M.F., Jaszczak, R.J., Wang, H., Li, J. Application of lead and tungsten pinhole inserts to I-131 SPECT tumor imaging: a Monte Carlo investigation 101251
Smith, M.H. *see* Knights, D.C. 71820
Smith, M.J., Poulter, E.M., McGregor, J.A. Doppler radar measurements of wave groups and breaking waves 111245
Smith, M.J.T. *see* Docef, A. 90406
Smith, M.J.T. *see* Kossentini, F. 86093
Smith, M.J.T. *see* Kossentini, F. 108495
Smith, M.J.T. *see* Linares, I. 70436
Smith, M.J.T. *see* Nahm, J.-W. 88668
Smith, M.J.T. *see* Park, S.-I. 87167
Smith, M.J.T. *see* Pham, Q.H. 86935
Smith, M.J.T. *see* Schuller, G.D.T. 97776
Smith, M.W., McNally, J. The UPS as a system element 112124
Smith, N. *see* Bardelli, R. 76501
Smith, N. *see* Beach, R.S. 64202
Smith, N. *see* Zeltser, A.M. 75194
Smith, N. *see* Zeltser, A.M. 84817
Smith, N.J., Doran, N.J. Modulational instabilities in fibers with periodic dispersion management 64646
Smith, N.J., Knox, F.M., Doran, N.J., Blow, K.J., Bennion, I. Dispersion management of optical fibre solitons 65458
Smith, N.J.T., Lally, C.H., Davies, G.J. Statistical techniques developed by the UKDMC to calculate the 90% c.l. upper limit of the WIMP component of the Galactic dark matter 80092
Smith, N.J.T. *see* Spooner, N.J.C. 100840
Smith, N.P. *see* Yeo, J.-H. 115069
Smith, N.P. *see* Yeo, J.-H. 115070
Smith, N.P.A. Induction generators for stand-alone micro-hydro systems 111828
Smith, N.P.A. *see* Demetriades, G.M. 91379
Smith, N.P.G., Christopoulos, C. Utilising workstation clusters with PVM for the solution of large TLM problems 93051
Smith, P. *see* Bayraktaroglu, B. 83382
Smith, P. *see* Fieguth, T. 100708
Smith, P. *see* Kuo, C. 83137
Smith, P. *see* Lacey, D. 66046
Smith, P.A., Button, T.W., Dolman, G., Meggs, N. Performance of YBCO thick films in high-Q structures 62163
Smith, P.A. *see* Button, T.W. 95394
Smith, P.C. *see* Trager-Cowan, C. 75953
Smith, P.D., Oughstun, K.E. Electromagnetic energy dissipation of ultra-wideband plane wave pulses in a causal, dispersive dielectric 103158
Smith, P.F. *see* Spooner, N.J.C. 100840
Smith, P.H., James, S.D., Keller, P.B. Development efforts in rechargeable batteries for underwater vehicles 91896
Smith, P.J., Shafi, M. The impact of G.826 on the performance of transport systems 98519
Smith, P.M. Status of InP HEMT technology for microwave receiver applications 83363
Smith, P.M. Status of InP HEMT technology for microwave receiver applications 83365
Smith, P.M. A COM model for longitudinally and waveguide coupled SAW resonator filters 93546
Smith, P.M., Whitlock, I.W., Balkwill, A.P. The effects of HVDC submarine cables on shipping with magnetic autopilots 80997
Smith, P.M. *see* Motsoela, T. 104665
Smith, P.M. *see* Nordheden, K.J. 63297
Smith, P.R. *see* Mastrapasqua, M. 104512
Smith, P.R. *see* Montgomery, R.K. 93888
Smith, P.V. *see* Radny, M.W. 74116
Smith, P.W. *see* Branch, G. 112072
Smith, P.W. *see* Graneau, P.N. 102775
Smith, P.W.E. *see* Benjamin, S.D. 62702
Smith, P.W.E. *see* Mitchell, D.B. 82672
Smith, P.W.E. *see* Qian, L. 76131
Smith, R., Dullerud, G.E. Continuous-time control model validation using finite experimental data 97768
Smith, R. *see* Cardinal, F. 83428
Smith, R. *see* Deis, G. 106719
Smith, R. *see* Karp, J.S. 90428
Smith, R. *see* Nolting, E. 69899
Smith, R. *see* Pardo, R.C. 100700
Smith, R.C. *see* Banks, H.T. 89581
Smith, R.D. *see* de Lima, A.F.M.M. 112619
Smith, R.E., Sullivan, C.T., Vawter, G.A., Hadley, G.R., Wendt, J.R., Snipes, M.B., Klem, J.F. Reduced coupling loss using a tapered-rib adiabatic-following fiber coupler 85066
Smith, R.E., Warren, M.E., Wendt, J.R., Vawter, G.A. Polarization-sensitive subwavelength antireflection surfaces on a semiconductor for 975 nm 95929
Smith, R.E. *see* Borges, B.V. 99594
Smith, R.E. *see* Hussain, S.T. 69979
Smith, R.E. *see* Kloske, D.A. 70929
Smith, R.E. *see* Nims, J.W. 121538
Smith, R.G. *see* Judkins, R.R. 111806
Smith, R.J. Electrical equipment qualified life extension through area temperature monitoring 102369
Smith, R.J., Karp, J.S. A practical method for randoms subtraction in volume imaging PET from detector singles countrate measurements 90356
Smith, R.J., Karp, J.S. A practical method for randoms subtraction in volume imaging PET from detector singles countrate measurements 101107
Smith, R.J., Karp, J.S. Post-injection transmission scans in a PET camera operating without septa with simultaneous measurement of emission activity contamination 101278
Smith, R.J., Karp, J.S. Simultaneous post-injection transmission and emission contamination scans in a volume imaging PET scanner 101343
Smith, R.K. *see* Lipsett, M.S. 92125
Smith, R.Kirkland *see* Kirkland Smith, R.
Smith, R.L. Applications of porous silicon to microstructure fabrication 62689
Smith, R.L. *see* Hsueh, Y.-T. 119751
Smith, R.O. *see* Schormans, J.A. 77581
Smith, R.P. *see* Epp, L.W. 62323
Smith, R.P. *see* Lee, T.-H. 83369
Smith, R.P. *see* Mehdi, I. 83368
Smith, R.S. *see* Britton, C.L., Jr. 80132
Smith, R.S. *see* Britton, C.L., Jr. 100979
Smith, R.S. *see* Britton, C.L., Jr. 110617
Smith, R.V. *see* Russell, P.C. 79514
Smith, R.W. *see* Bjorge, R.W. 81332
Smith, R.W. *see* Calder, D.J. 120531
Smith, R.W. *see* Hernandez, G. 101558
Smith, S., Hollowell, B. A proposed method to standardize shock response spectrum (SRS) analysis. To provide agreement between tests performed at different facilities 110384
Smith, S. *see* Bobbio, S. 106287
Smith, S. *see* Chaplin, M.R. 106727
Smith, S. *see* Chekanov, A.S. 115745
Smith, S. *see* Deis, G. 106719
Smith, S. *see* Kurita, N. 100553
Smith, S. *see* Ng, C.-K. 100544
Smith, S. *see* Sheng-Hui Yang 65246
Smith, S.F. *see* Bartal, Y. 81490
Smith, S.L., Hesselink, L., Partovi, A. Electric field screening in a multiple-quantum-well optically addressed spatial light modulator 75576
Smith, S.L. *see* Canham, R.C. 117620
Smith, S.L. *see* Fitzgerald, J.B. 100521
Smith, S.L. *see* Suller, V.P. 79866
Smith, S.M. *see* An, P.E. 88788
Smith, S.R., Evwaraye, A.O., Steckl, A.J., Yuan, C., Mitchel, W.C., Roth, M.D. Determination of the conduction band discontinuity in an n-type 3C-SiC/6H-SiC heterojunction 105299
Smith, S.R. *see* Evwaraye, A.O. 74298
Smith, S.R.P. *see* Mamun, A.Z. 63085
Smith, S.T. *see* Edelman, A. 103751
Smith, S.W., Mehregany, M., Merat, F., Smith, D.A. All-silicon waveguides and bulk etched alignment structures on (110) silicon for integrated micro-opto-mechanical systems 95778
Smith, T. GSM digital cellular telephone system a case study of encryption algorithms 118912
Smith, T., Chevroulet, M., DeGeeter, B., Bardyn, J.-P. Low power intelligent sensing systems 89023
Smith, T. *see* Lamb, H.C. 71855
Smith, T. *see* Schiesser, T. 94123
Smith, T.I. *see* Berryman, K.W. 96446
Smith, T.I. *see* Berryman, K.W. 107379
Smith, T.I. *see* Berryman, K.W. 107381
Smith, T.I. *see* Crosson, E.R. 96487
Smith, T.I. *see* Schwettman, H.A. 107402
Smith, T.J. *see* Adam, J.D. 83307
Smith, T.J. *see* Brandt, C.D. 104054
Smith, T.J. *see* Siergiej, R.R. 106040
Smith, T.J. *see* Sriram, S. 62235
Smith, T.J. *see* Sriram, S. 62274
Smith, T.J. *see* Sriram, S. 83385
Smith, T.L. *see* Crow, J.D. 119221
Smith, T.L. *see* Kang, Y.W. 100650
Smith, T.R. *see* Andresen, D. 78022
Smith, V. *see* Jackson, M.K. 88563
Smith, V.J. *see* Mueller, U. 69711
Smith, W. An undergraduate data communications laboratory 60467
Smith, W. *see* Foster, I. 109105
Smith, W.E. *see* Klein, W.P. 101094
Smith, W.H., Dasu, S., Jaworski, M., Lackey, J., Panescu, D., Temple, W. CMS calorimeter trigger circuits 100974
Smith, W.H. *see* Lackner, A.M. 95878
Smith, W.P., Jr. *see* Branney, C.A. 91985
Smith, W.W. *see* Markham, J.R. 70619
Smithe, D.N., Goplen, B., Kodis, M.A., Vanderplaats, N.R. Predicting twystrode output circuit performance 62632
Smithe, D.N. *see* Alton, G.D. 90097
Smithe, D.N. *see* Jensen, K.L. 73929
Smithe, D.N. *see* Jensen, K.L. 83734
Smithe, D.N. *see* Jensen, K.L. 83735
Smithe, D.N. *see* Kodis, M.A. 62625
Smithe, D.N. *see* Kodis, M.A. 83744
Smithe, D.N. *see* Kodis, M.A. 105009
Smithe, D.N. *see* Kodis, M.A. 105010
Smithe, D.N. *see* Ludeking, L.D. 62600
Smither, R.K. *see* Naya, J.E. 69895
Smithey, D.T. *see* Downie, J.D. 64615
Smithhisler, C. *see* Ho, Y.-C. 73806
Smithies, D.J. *see* Milner, T.E. 101081
Smithwick, M. Network options for wide-area telesurgery 78124
Smits, J.G. *see* Goli, J. 115453
Smits, P.C., Dellepiane, S., Serpico, S.B. Markov random field based image segmentation with adaptive neighborhoods to the detection of fine structures in SAR data 111141
Smits, R. *see* Leyten, J. 103362
Smoak, R.A. *see* Jianyong Li 111763
Smock, R. *see* Hansen, T. 102465
Smokelin, J.-S. Wavelet feature extraction for image pattern recognition 117719
Smola, J.F., Barbagallo, M.H., Cranmer, J.H., DeBoy, C.C., Harold, M.J., Krein, J.A., Kreitz, H.M., Jr., Sadilek, A.C., Utterback, H.K. MSX ground operations 90720
Smolak, A. *see* Draxler, A. 91324
Smolander, S. *see* Lampinen, J. 67424
Smolders, A.B., Jeuken, M.E.J. Broadband microstrip phased-array antennas on a high-permittivity substrate 66137
Smole, F. *see* Furlan, J. 81898
Smole, F. *see* Furlan, J. 114708
Smole, F. *see* Groznik, A. 81896
Smole, F. *see* Popovic, P. 75688
Smole, F. *see* Topic, M. 81885
Smole, F. *see* Topic, M. 81897
Smole, F. *see* Topic, M. 100019
Smolec, D. *see* Bialek, R. 112058
Smolenski, J. *see* Van Winkle, M. 71132
Smolensky, R. *see* Grigoriev, D. 92461
Smoliar, S.W., Hongjiang Zhang, Jian Hua Wu Using frame technology to manage video 79179
Smolin, O.V. *see* Sviridov, A.N. 99988
Smoliner, J., Eder, C., Strasser, G., Bohm, G., Weimann, G. STM studies on quantum wire structures in air and liquid helium 105386
Smoliner, J. *see* Eder, C. 62937
Smoliner, J. *see* Eder, C. 105311
Smoliner, J. *see* Eder, C. 105389
Smoliner, J. *see* Gornik, E. 62872
Smoliner, J. *see* Wirner, C. 74448
Smolinske, J.C., Tran, P.M., Clanton, C.L., Scheibel, R.C., Jr. A 512 kbps high capacity packet mode data protocol for the broadband PCS spectrum 109496
Smolinski, S. Properties of photovoltaic sources and their applications 91742
Smoll, A.V. *see* Chmill, V.B. 120151
Smolovich, A.M. *see* Dement'ev, D.A. 65572
Smolyaninov, V.M. *see* Nazarov, L.E. 86297
Smolyar, N.S. *see* Melnikov, L.Ya. 70592
Smolyar, V.A. *see* Maglevannyy, I.I. 76348
Smooke, M.D. *see* Ern, A. 72884
Smoot, F. *see* McStay, K. 63910
Smoot, G. *see* De Amici, G. 99699
Smoot, G.F., Mandolesi, N., Bersanelli, M., Cesarsky, C., Lachieze-Rey, M., Danese, L., Vittorio, N., De Bernardis, P., Dall'Oglio, G., Sironi, G., Crane, P., Janssen, M., Partridge, B., Beckman, J., Rebolo, R., Puget, J.L., Bussoletti, E., Raffelt, G., Davies, R., Encrenaz, P., Natale, V., Tofani, G., Merluzzi, P., Toffolatti, L., Scaramella, R., Martininez-Gonzales, E., Saez, D., Lasenby, A., Kogut, A., Efstathiou, G. COBRAS: a space mission for mapping the CMB structure at 0.5° resolution 99702
Smoot, G.F. *see* Mandolesi, N. 99703
Smoot, G.F. *see* Mandolesi, N. 109844
Smoot, S.R., Rowe, L.A. Study of DCT coefficient distributions 103544
Smorchkova, I., Samarth, N. Fabrication of n-doped magnetic semiconductor heterostructures 105343
Smorenburg, C., Visser, H., Moddemeijer, K. Design and alignment of the MIPAS focal plane system 120776
Smorgon, S.L., Zyryanov, V.Ya., Shabanov, V.F., Pozhidaev, E.P. Light modulators based on polymer dispersed ferroelectric liquid crystals 106882
Smorgon, S.L. *see* Barannik, A.V. 75417
Smorgon, S.L. *see* Zhuikov, V.A. 106929
Smorgon, S.L. *see* Zyryanov, V.Ya. 89414
Smorodinov, S.V. *see* Peshev, V.V. 74265
Smout, A. *see* Yeo, J.-H. 115069
Smout, A. *see* Yeo, J.-H. 115070
Smowton, P. *see* Blood, P. 96248
Smowton, P. *see* Blood, P. 96351
Smrcka, L. *see* Semenchinsky, S. 94611
Smuk, J., Aparin, V., Trantanella, C., Okandan, M. Hybrid semiconductive/high-temperature superconductive tunable preselector 99639
Smulders, H.W.M. *see* Wouters, P.A.A.F. 81126
Smulders, P., van den Meerendonk, H. *(editors)* Proceedings IEEE Third Symposium on Communications and Vehicular Technology in the Benelux 72022
Smulders, P.J.M. *see* Schlatmann, A.R. 107008
Smunt, T.L. Rough cut capacity planning in a learning environment 92149
Smutek, L.S. *see* Barsanti, M.L. 62586

Smutz, W.P., Drexler, M., Berglund, L.J., Growney, E., An, K.N. Accuracy of a video strain measurement system 69954
Smy, T. *see* Friedrich, L.J. 63467
Smy, T. *see* Tait, R.N. 61377
Smykov, V.B., Luk'yanov, A.A. An analytical estimate of the chemical equilibrium of lithium borates in the water of a PGV-1000 steam generator 121282
Smyntyna, V.A. *see* Grinevich, V.S. 62710
Smyrl, W.H. *see* Chu, X. 81674
Smyrl, W.H. *see* Le, D.B. 81684
Smyrl, W.H. *see* Owens, B.B. 81681
Smyrl, W.H. *see* Passerini, S. 81683
Smyrski, J.J. *see* Brauksiepe, S. 100815
Smyshlyaev, V.P. *see* Babich, V.M. 65762
Smyslova, A.K. *see* Vodopyanov, V.K. 77231
Smyth, D. *see* Hooper, G.S. 120416
Smyth, D.L. *see* Drewell, N.H. 100760
Smyth, J.F. *see* Freeman, M.R. 75255
Smythe, C. *see* Deane, J.H.B. 67610
Snapp, R.R., Venkatesh, S.S. k nearest neighbors in search of a metric 66633
Snarski, C.A. Rank one phase error estimation for range-Doppler imaging 68544
Snauwaert, J. *see* Trenkler, T. 84532
Sneed, E.L. *see* Rauscher, K.F. 78305
Sneed, P.K. *see* Diederich, C.J. 70203
Sneeuw, N., Bun, R. Global spherical harmonic computation by two-dimensional Fourier methods 72653
Snegirev, A.Yu. *see* Mazets, I.E. 107565
Sneh, A., Johnson, K.M. High-speed continuously tunable liquid crystal filter for WDM networks 78892
Sneh, A. *see* Yufei Bao 75659
Sneh, A. *see* Yufei Bao 95864
Snelgrove, M. *see* Bazarjani, S.S. 84575
Snelgrove, M. *see* Korst-Fagundes, B. 97692
Snelgrove, W.M. *see* Bazarjani, S.S. 93526
Snelgrove, W.M. *see* Gao, W. 62051
Snelgrove, W.M. *see* Hong-Kui Yang 114131
Snelgrove, W.M. *see* Shoaei, O. 104701
Snelgrove, W.M. *see* Tarr, N.G. 74824
Snelgrove, W.M. *see* Varelas, T. 114025
Snelgrove, W.M. *see* Weinan Gao 114022
Snell, A.J. *see* Hajto, J. 63181
Snell, A.J. *see* Hajto, J. 94638
Snell, A.J. *see* Hu, J. 94639
Snell, A.J. *see* Hu, J. 94641
Snell, R.J. *see* Gmitro, A.F. 70093
Snethen, T.J. *see* Kapur, R. 93197
Sng, D.C.H. A national information infrastructure for the 21st Century collaborative enterprise 98661
Snider, A.D. *see* Calvo, M.V. 106064
Snider, A.D. *see* Gecan, A. 109820
Snider, A.D. *see* King, F.D. 106062
Snider, A.D. *see* Winson, P. 106063
Snider, G. *see* Amerson, R. 61784
Snider, G. *see* Amerson, R. 104521
Snider, R.T. *see* Broesch, J.D. 93631
Snieder, R.K. *see* Passier, M.L. 70445
Sniedovich, M. *see* Domingo, A. 82324
Sniegowski, J.J., Garcia, E.J. Surface-micromachined gear trains driven by an on-chip electrostatic microengine 91576
Sniegowski, J.J. *see* Barron, C.C. 106281
Sniegowski, J.J. *see* Cresswell, M.W. 115087
Sniegowski, J.J. *see* Miller, S.L. 106289
Sniegowski, J.J. *see* Smith, J.H. 74873
Sniegowski, J.W. *see* Kizilyalli, I.C. 106227
Sniezynska, I. *see* Gandurska, J. 69348
Sniezynska, I. *see* Kulawik, J. 114451
Snigirev, A. *see* Souvorov, A. 64866
Snigireva, I. *see* Souvorov, A. 64866
Sniguirev, D. *see* Beunder, M. 82154
Snigur, A., Brinzari, V., Dorogan, V., Korotchenkov, G., Savastru, R. Photodetector with controlled photosensitivity in 1.1-1.6 μm spectral range 69132
Snigur, A. *see* Dorogan, V. 69133
Snigur, A. *see* Sarbu, A. 68360
Snipes, M.B. *see* Smith, R.E. 85066
Snitchier, G.L. *see* Gamble, B.B. 95395
Snitchler, G. *see* Malozemoff, A.P. 64506
Snitchler, G. *see* Paasi, J. 95408
Snitka, V., Mizariene, V., Zukauskas, D. The status of ultrasonic motors in the former Soviet Union 95298
Snitka, V., Rackaitis, M., Baranauskas, V., Fukui, M. Acoustic waves investigation in solids by atomic force microscopy 110464
Snitko, O.A. *see* Valuev, V.V. 96106
Snitzer, E., Prohaska, J., Garton, R., Cole, B. Fiber Bragg gratings as rejection filters and some properties of Tm doped silica fiber lasers 78773
Snitzer, E. *see* Maher, M.H. 100056
Snitzer, E. *see* Wojcik, A.B. 84977
Snodgrass, T.G., Baum, C.C., Stewart, R.A., Shohet, J.L., Kushner, M.J., Booske, J.H. Plasma purification by ion cyclotron resonance for plasma source ion implantation doping of semiconductors 114872
Snoeij, P., Hoogeboom, P., Koomen, P.J., Pouwels, H. Calibration aspects of a polarimetric phased array airborne SAR 68695
Snoeij, P., Koomen, P.J., Hoogeboom, P., Pouwels, H. The design and development of C-band solid-state dual polarization T/R modules 68664
Snoeks, E., van den Hoven, G.N., Polman, A. Optimization of an Er-doped silica glass optical waveguide amplifier 107196
Snoeks, E. *see* Priolo, F. 114898
Snoeys, W. *see* Becks, K.-H. 62521
Snoeys, W. *see* Pengg, F. 90221
Snoeys, W. *see* Pengg, F. 100883
Snooke, N. *see* Price, C.J. 104280
Snow, A.W. *see* Flom, S.R. 107551
Snow, A.W. *see* Shirk, J.S. 116648
Snow, C. End-of-life equipment: European Policy and UK initiatives 60751
Snow, E.S., Park, D., Campbell, P.M. Single-atom point contact devices fabricated with an atomic force microscope 84004
Snow, E.S. *see* Campbell, P.M. 105709
Snow, E.S. *see* DeSisto, W.J. 64518
Snow, E.S. *see* Gammon, D. 105316
Snow, E.S. *see* Gammon, D. 105429
Snow, E.S. *see* Marrian, C.R.K. 115096
Snow, K.W. *see* Zari, M.C. 120940
Snow, M.S. *see* Chismar, W.G. 108897
Snow, P.A. *see* Peter, L.M. 94270
Snowden, C.M. *see* Adams, A.R. 93867
Snowden, C.M. *see* Adams, A.R. 114220
Snowden, C.M. *see* Albasha, L. 62160
Snowden, C.M. *see* Albasha, L. 62219
Snowden, C.M. *see* Albasha, L. 114195
Snowden, C.M. *see* Atherton, J.S. 114267
Snowden, C.M. *see* Bennett, S. 65249
Snowden, C.M. *see* Drury, R. 93882
Snowden, C.M. *see* Drury, R. 104807
Snowden, C.M. *see* Guohao Zhang 83377
Snowden, C.M. *see* Hai-Shueh Lee 113764
Snowden, C.M. *see* Lee, H.-S. 114247
Snowden, C.M. *see* Leroux, H. 100287
Snowden, C.M. *see* Lu, K. 94923
Snowden, C.M. *see* Morton, C.G. 93805
Snowden, C.M. *see* Morton, C.G. 93912
Snowden, C.M. *see* Panks, A.J. 114316
Snowden, C.M. *see* Singh, R. 62292
Snowden, C.M. *see* Staniforth, M.J. 73729
Snowdon, J.F. *see* Dines, J.A.B. 85195
Snowdon, J.F. *see* Dines, J.A.B. 85196
Snowdon, J.F. *see* Walker, A.C. 85336
Snowdon, K.G. *see* Donaldson, J.D. 65363
Snowdon, K.G. *see* Donaldson, J.D. 109628
Snuttjer, B.R.J., Narayanan, R.M. Millimeter-wave backscatter measurements in support of surface navigation applications 109758
Snyder, A.W., Mitchell, D.J., Buryak, A. Qualitative theory of bright solitons: the soliton sketch 76263
Snyder, A.W. *see* Mitchell, D.J. 85692
Snyder, B. Pileup on the public network: two studies track the congestion Internet usage is creating 118295
Snyder, B. A question mark for copper [ADSL line code methods] 118665
Snyder, D. *see* Ray, J. 69919
Snyder, D.L. A means to an end [facilities collocation] 67679
Snyder, D.L. *see* Ge Wang 120298
Snyder, D.L. *see* Lanterman, A.D. 86936
Snyder, D.L. *see* Lanterman, A.D. 98277
Snyder, D.L. *see* O'Sullivan, J.A. 66187
Snyder, E. *see* Pagey, M. 95027
Snyder, G.J., Cameron, W.B., Khan, A. WAK power barge will deliver 450 MW for Pakistan 111817
Snyder, H., Kurtze, D. Chaotic behavior in computer mediated network communication 118474
Snyder, J. *see* Abe, K. 69708
Snyder, J. *see* Abe, K. 69726
Snyder, J. *see* Huddleston, W. 94097
Snyder, J.E., Harris, V.G., Das, B.N., Koon, N.C., Sui, X., Kryder, M.H. Determination of local order in the amorphous precursor to Ba-hexaferrite thin-film recording media 64331
Snyder, J.E. *see* Sui, X. 106570
Snyder, K.J. *see* Montanaro, J. 73430
Snyder, R. *see* Heanue, J.F. 116011
Snyder, R.D. *see* Stanko, P.J. 85335
Snyder, R.L. *see* Fagan, J.G. 75163
Snyder, R.V. Inverted-resonator evanescent mode filters 83315
Snyder, S.L., Marti, F. Study and redesign of the NSCL K500 central region 79923
Snyders, J. *see* Ran, M. 66361
Snyders, J. *see* Ran, M. 76796
Snydstrup, L. *see* Bunce, G. 100643
Snydstrup, L. *see* Hseuh, H.C. 89610
So, A.C.K., Chan, Y.C. Reliability studies of surface mount solder joints - effect of Cu-Sn intermetallic compounds 92322
So, B.K.L., Kwok, R.W.M., Jin, G., Cao, G.Y., Hui, G.K.C., Huang, L., Lau, W.M., Wong, S.P. Reordering at the gas-phase polysulfide passivated GaAs(110) surface 84129
So, D.W.C., Seshadri, S.R. Applications of the second-order Bragg interaction in a thin-film optical waveguide for the transverse electric mode 116969
So, E. *see* Bulinski, A. 70913
So, G.J. *see* Xin Li 109201
So, K.C., Tang, C.S. On managing operating capacity to reduce congestion in service systems 72436
So, L. *see* Jaejune Jang 114327
So, P.L., Macdonald, D.C. Analytical study of low frequency inter-area oscillations in power systems 101770
So, R.H.Y., Griffin, M.J. Experimental studies of the use of phase lead filters to compensate lags in head-coupled visual displays 79626
So, W.C., Tse, C.K. Derivation of fuzzy controller for DC/DC converters using neural networks 112080
So Won Kim, Jimba, H., Sekiguchi, A., Okada, O., Hosokawa, N. Low pressure MOCVD of TiN thin films 104156
Soa, D.W.C., Seshadri, S.R. Quasioptics of second-order Bragg interaction in a thin film optical waveguide 64759
Soamyung Park, Insook Chung, Geonyou Jo, Sunyoung Han, Kwan-Ho Song Fault-tolerant real-time synchronous collaboration environment using WWW 87880
Soana, S. *see* Cane, V. 90630
Soares, C.G. *see* Akselrod, M.S. 110983
Soares, E.J., Glick, S.J., King, M.A. Noise characterization of frequency-distance principle (FDP) restoration filtering 90421
Soares, E.J., King, M.A., Glick, S.J., Villegas, B.J. Calculation of lung-heart ratios for single-photon emission computed tomography 90358
Soares, E.J., King, M.A., Glick, S.J., Villegas, B.J. Calculation of lung-heart ratios for single-photon emission computed tomography 101132
Soares, E.J. *see* Case, J.A. 101097
Soares, E.J. *see* Glick, S.J. 69947
Soares, E.J. *see* Glick, S.J. 70072
Soares, E.J. *see* Glick, S.J. 101329
Soares, F. *see* Fortunato, E. 69131
Soares, F. *see* Fortunato, E. 79402
Soares, F. *see* Fortunato, E. 100025
Soares, F.A.P., Bermudez, J.C.M., Tobias, O.J., Seara, R. A new corrective binarization method for fingerprints 98113
Soares, F.A.P. *see* Tobias, O.J. 72340
Soares, F.A.P. *see* Tobias, O.J. 97980
Soares, J.C. *see* Alfonso, J.E. 75520
Soares, J.N. *see* Romao, F.L. 98975
Soares, L.F.G. *see* Batista, T.V. 118633
Soares, L.M. *see* Tsui, K.H. 75786
Soares, M.R., Britto, F.R., Nishimura, F., Cicarelli, L.D. Spacer cable and ABC distribution lines. Long-term analysis 121186
Soares, M.R., Costs, L.A., D'Angelo, I.M.F., Roosdorp, J.W.M., Leme, R.P. An alternative approach to evaluating electrical connectors for service-drop applications 121204
Soares, R. *see* Le Berre, D. 65332
Soares, S. *see* da Cruz, G., Jr. 70790
Soatto, S., Perona, P. Motion from fixation 86459
Soatto, S., Perona, P. Reducing "structure from motion" 86460
Soavi, R. *see* Dusi, W. 90174
Soba, S. *see* Hrovat, M. 62378
Sobajic, D.J. An introduction to normal forms of vector fields: new framework for assessing stability of highly stressed power systems 120984
Sobajic, D.J. *see* Djukanovic, M. 70799
Sobajic, D.J. *see* Kezunovic, M. 70826
Sobajic, D.J. *see* Rahimi, A.F. 70728
Sobczuk, D.L. *see* Kazmierkowski, M.P. 71783
Sobczyk, T.J., Warzecha, A. Approximating nonlinear characteristics of electromechanical energy converter windings with a saturated magnetic circuit 71231
Sobczynska, J. *see* Bertocchi, M. 72536
Sobczynski, C. *see* Autiero, D. 80006
Sobczynski, S. *see* Jacobs, K. 79916
Sobehart, J.R., Hagan, P.S. The high-field semiconductor equations 114550
Sobehart, J.R., Hagan, P.S. Determination of velocity distributions in semiconductor devices via half-range resolution of the boundary layers 115123
Sobek, D.K., II *see* Liker, J.K. 60580
Sobelman, G. *see* Vandris, E. 93273
Sobenin, N.P., Kandrunin, V.N., Melekhin, V.N., Karev, A.I., Shvedunov, V.I., Trower, W.P. Rectangular microtron accelerating structure 100693
Sobenin, N.P., Yarygin, S.N., Kostin, D.V., Zavadtzev, A.A. Investigation of biperiodic accelerating structure for the free electron laser buncher 96441
Sobenin, N.P. *see* Karev, A.I. 89808
Sobenin, N.P. *see* Shvedunov, V.I. 89688
Sober, D. A quick guide to laminate selection [PCBs] 83578
Sobering, T.J., Kay, R.R. The impact of multiplexing on the dynamic requirements of analog-to-digital converters 68997
Sobhanadri, J. *see* Babu, S. 105129
Sobhanadri, J. *see* Subramanian, V. 74121
Sobhy, M.I., Abd El-Azeem, M.H., Royer, K.W. A new multi-grid 3-D TLM algorithm for simulation of microwave FSS 85956
Sobhy, M.I., Bakkar, E.-S.A., Ng, M.W.R., Hosny, E.A., Isele, B., Russer, P. Modelling of microwave circuits by system identification methods 114249
Sobhy, M.I., El-Azeem, M.H., Royer, K.W., Langley, R.J., Parker, E.A. Simulation of frequency selective surfaces (FSS) using 3D-TLM 66111
Sobhy, M.I., Hosny, E.A., Abd El-Azeem, M.H., Royer, K.W. Simulation of nonlinear and anisotropic structures in 3D TLM 107968

Sobhy, M.I., Hosny, E.A., Ng, M.W.R., Bakkar, E.-S.A. Non-linear system and subsystem modelling in the time domain 93099
Sobhy, M.I., Hosny, E.A., Ng, M.W.R., Bakkar, E.A. Time domain measurement and identification of microwave systems 114244
Sobhy, M.I. *see* Abd El-Azeem, M.H. 65907
Sobhy, M.I. *see* Hicks, A.C. 107964
Sobiella, M. *see* Lauckner, K. 80313
Sobieski, J. *see* Chellappa, R. 98329
Sobin, M. Cable installation designing 73839
Sobkowicz, P. *see* Kowalski, B. 114744
Sobol, H. Progress in optical communications for commercial terrestrial telecommunication networks 99498
Sobol, H. *see* Bhagavath, V.K. 78812
Sobol', I.M., Tutunnikov, A.V. A variance reducing multiplier for Monte Carlo integrations 61030
Sobol', V.V. *see* Pushkarev, G.P. 96856
Sobolenko, L.A. *see* Pshenichnyi, B.N. 113164
Sobolev, L.G. Preliminary estimation of the type and parameters of logarithmic distributions of measurements series 88888
Sobolev, N.A. *see* Aleshin, V.D. 74129
Sobolev, N.A. *see* Bresler, M.S. 75720
Sobolev, V., Aumala, O. Metrological automatic support of measurement results in intelligent measurement systems 109999
Sobolev, V.A., Suslov, V.M., Panin, Yu.M., Skripnik, A.B. Measurement of the natural vibration of brushless electrical machines for diagnostics of their technical state 102598
Sobolev, V.L., Huang, H.L. Magnetization dynamics in a medium with spatial dispersion of relaxation 106486
Sobolev, V.V. *see* Matveev, A.V. 62777
Sobolevsky, N.M. *see* Dementyev, A.V. 90105
Sobolewski, R. *see* Green, K. 96158
Sobotta, R. *see* Hanel, R. 101597
Sobottka, K., Pitas, I. Segmentation and tracking of faces in color images 117899
Sobral, L., Johansson, R., Lindstedt, G., Olsson, G. Ultrasonic detection in robotic environments 80694
Sobrinho, C.L.Souza *see* Souza Sobrinho, C.L.
Sobue, S. *see* Fujimoto, H. 94723
Sobue, S. *see* Yamada, Y. 106277
Soccolich, C.E. *see* Muys, W. 78816
Soccolich, C.E. *see* Strasser, T.A. 88633
Soch, K. *see* Radford, W. 100114
Socha, M. *see* Bolt, M. 115335
Sochava, A.A. *see* Tretyakov, S.A. 65824
Sochava, A.A. *see* Tretyakov, S.A. 85817
Socher, G. Telephone information at Luxemburg P&T 108987
Sochinskii, N.V. *see* Dutta, P.S. 61182
Sochor, V., Paulicka, I. QND measurement of the photon number using the Kerr effect in optical fibers 95679
Sochor, V. *see* Paulicka, I. 100069
Sochtig, J., Schutz, H., Widmer, R., Corsini, R., Hiller, D., Carmannini, C., Consonni, G., Bosso, S., Gobbi, L. Monolithically integrated DBR waveguide laser and intensity modulator in erbium doped LiNbO$_3$ 64780
Socino, G. *see* Carlotti, G. 106329
Sock Chang Nion *see* Nion Sock Chang
Socki, J. Short term oscillator frequency stability performance as related to crystal resonator drive level dependence and surface moisture 95314
Socko, P. *see* Weiping Zhu 109102
Socol, E. *see* Faschingbauer, U. 110557
Socolowski, N. Lead-free alloys and limitations for surface mount assembly 94060
Soda, D. *see* Matsuyama, S. 69843
Soda, G. *see* Cesarini, F. 67487
Soda, H. High-speed modulator-integrated DFB lasers 78821
Soda, H. *see* Lisboa, O. 64649
Soda, H. *see* Sahara, R.T. 64798
Soda, H. *see* Uchida, T. 61199
Soda, K. *see* Morita, K. 63105
Soda, M. *see* Ishikawa, H. 88571
Soda, M. *see* Sato, F. 63906
Soda, M. *see* Sato, F. 68437
Soda, M. *see* Sato, F. 119167
Soda, Y. *see* Shibata, T. 115715
Sodan, H. Integrated digital intercom and public address system implementation 77850
Sodeik, H. *see* Dorn, L. 114435
Soden, J.M., Hawkins, C.F., Miller, A.C. Identifying defects in deep-submicron CMOS ICs 106187
Soden, J.M. *see* Anderson, E. 95136
Soden, J.M. *see* Anderson, R.E. 74794
Soden, J.M. *see* Campbell, A.N. 95137
Soder, L. A mixed rule based–linear programming method applied to daily operation planning of a hydro power system 102021
Soder, L. *see* Olofsson, M. 101723
Soder, L. *see* Wernerus, J. 101984
Soderbarg, A. *see* Edholm, B. 63666
Soderbarg, A. *see* Edholm, B. 63900
Soderbarg, A. *see* Ljungberg, K. 63371
Soderbarg, A. *see* Ljungberg, K. 63383
Soderbarg, A. *see* Tiensuu, S. 63667
Soderberg, J.J. T-bird II training system avionics 70358
Soderberg, P. *see* Ballhaus, F. 99425
Soderberg, P. *see* Manns, F. 101413
Sodergard, C. Model-based improvement of the color quality of S-video printing 67094
Sodergard, C., Launonen, R., Aikas, J. Inspection of colour printing quality 67425
Sodergren, C.C. *see* Probst, D.K. 101632
Soderholm, S. *see* Hirschauer, B. 113471
Soderkvist, I. On algorithms for generalized least squares problems with ill-conditioned covariance matrices 103747
Soderlund, L., Eriksson, J.-T., Salonen, J., Vihriala, H., Perala, R. A permanent-magnet generator for wind power applications 102524
Soderlund, L. *see* Mikkonen, R. 95541
Soderlund, L. *see* Mikkonen, R. 102652
Soderquist, B.A.T. *see* Linderstam, C. 89017
Soderstrand, M. *see* Oklobdzija, V.G. 73323
Soderstrand, M.A., Trujillo, T.C., Hangsuk Choi Flash-memory based digital filter and baseband modulator for FQPSK transmitter 88167
Soderstrom, E., Buyanov, A.V., Sernelius, B.E. Current drag in a single quantum well 62948
Soderstrom, T. *see* Kangas, A. 76923
Sodha, J. *see* Baro, M.C. 108118
Sodha, J. *see* Brissett, R. 97581
Sodin, L.G. *see* Falkovich, I.S. 66067
Sodin, L.G. *see* Kopilovich, L.E. 68824
Sodini, C.G. *see* Szajda, K.S. 110650
Sodtke, E. *see* Klushin, A.M. 106695
Soe, K.K.K., Maeda, M., Suzuki, I. Sol-gel processing of Pb$_{1-x}$Ca$_x$TiO$_3$ thin films 95280
Soe Min Tun *see* Foster, P. 62154
Soeda, M., Yamasaki, J. Simultaneous Barkhausen discontinuities of multiple die-drawn Fe–Si–B amorphous wires connected with amorphous ribbons 75111
Soeda, T., Yamaguchi, S. Power distribution automation computer systems (Model I, Model II) for Tokyo Electric Power Co., Inc 102106
Soeda, Y. *see* Yahagi, T. 86138
Soehren, W.A. ECTOS–reusable software for navigation, guidance and control applications 70402
Soejima, K. *see* Murai, M. 121863
Soejima, K. *see* Murai, M. 121875
Soek Ho *see* Ho Soek
Soekawa, Y. *see* Setoya, T. 112901
Soellner, J. *see* Drechsler, M. 74372
Soellner, J. *see* Hamadeh, H. 74153
Soellner, J. *see* Heitz, R. 74211
Soellner, J. *see* Hermans, J. 74223
Soellner, J. *see* Lampe, S. 74208
Soeno, H. *see* Matsuoka, Y. 115388
Soergel, S., Rastgoufard, P. An analysis of induction motor predictive maintenance techniques 71300
Soffen, M. *see* Burrill, J. 86938
Soffer, B.H. *see* Owechko, Y. 64843
Soffer, B.H. *see* Owechko, Y. 75632
Soffici, G., Avitabile, G., Gentili, G.B. A versatile active antenna for low cost microwave link applications 97344
Soffitta, P. *see* Feroci, M. 69768
Sofianos, D.J. *see* Auerbach, S.P. 111409
Sofko, G.J. *see* Koehler, J.A. 101550
Sofroniou, M. Order stars and linear stability theory 72670
Soga, M. *see* Furuya, M. 105393
Soga, N. *see* Yoshida, S. 75706
Soga, T., Jimbo, T., Umeno, M. Initial stage of GaP/Si heteroepitaxial growth by metalorganic chemical vapor deposition 82647
Soga, T., Kato, T., Umeno, M., Jimbo, T. Photovoltaic properties of an Al$_x$Ga$_{1-x}$As solar cell (x=0-0.22) grown on Si substrate by metalorganic chemical vapor deposition and thermal cycle annealing 91749
Soga, T. *see* Baskar, K. 113381
Soga, T. *see* Guang Yuan Zhao 61258
Soga, T. *see* Guolin Yu 105182
Soga, T. *see* Kondo, H. 120938
Soga, T. *see* Maosheng Hao 103831
Soga, T. *see* Mosaddeq-ur-Rahaman, M. 71712
Soga, T. *see* Mosaddeq-ur-Rahman, M. 91755
Soga, T. *see* Umeno, M. 103015
Sogabe, K. *see* Mishima, T. 95702
Sogawa, F. *see* Sekine, N. 75689
Sogawa, H. *see* Sugiyana, T. 76433
Sogawa, J. *see* Higashi, S. 80878
Soghomonian, M.S., Aitchison, C.S. Optical phase modulation based on an artificial transmission line on GaAs substrate 64812
Sogi, T. *see* Sasaki, H. 81767
Sogi, T. *see* Yamamura, T. 81826
Sogomonian, S. *see* Herminghaus, S. 96726
Sogomonyan, E.S., Gossel, M. Concurrently self-testing embedded checkers for ultra-reliable fault-tolerant systems 110010
Sogomonyan, E.S. *see* Goessel, M. 83092
Sogrik, G. *see* Patonai, Z. 99735
Soh, C.B. *see* Tan, P.T. 68090
Soh, C.B. *see* Tan, P.T. 78499
Soh, S.H. *see* Liu, B. 64402
Soh, S.H. *see* Liu, B. 115694
Soh, S.H. *see* Liu, B. 115696
Soh, W.K. *see* Harvey, S.B. 69567
Soh Hoe-Sup *see* Hoe-Sup Soh
Soh Jung *see* Jung Soh
Soh Leen-Kiat *see* Leen-Kiat Soh
Soh Sik-Han *see* Sik-Han Soh
Soh Young Sung *see* Young Sung Soh
Sohail, S. *see* Raymond, C.J. 84508
Sohal, V. Reliable memory management for real-time systems 83107
Sohel Imtiaz, S.M., Alsunaidi, M.A., El-Ghazaly, S.M. Performance comparison of MODFET and MESFET using combined electromagnetic and solid-state simulator 93809
Sohl, T. *see* Vogelmann, J.E. 120892
Sohler, W. Erbium-doped lithium niobate waveguide devices 64785
Sohler, W. Integrated optical circuits with Er:LiNbO$_3$ amplifiers and lasers 85438
Sohler, W. *see* Baumann, I. 107198
Sohler, W. *see* Schiek, R. 95730
Sohmer, A., Joenathan, C. Twofold increase in sensitivity with a dual-beam illumination arrangement for electronic speckle pattern interferometry 119904
Sohn, A. Generalized speculative computation of parallel simulated annealing 82444
Sohn, J.E. *see* Ellenberger, C. 94088
Sohn, J.E. *see* Ray, U. 94089
Sohn, J.E. *see* Schubert, B. 94087
Sohn, J.W. *see* Jo, S. 75228
Sohn, L.L., Willett, R.L. Fabrication of metallic nanostructures with an atomic force microscope 105741
Sohn, W. *see* Kehtarnavaz, N.D. 77471
Sohn Chang *see* Chang Sohn
Sohn Hong-Gyoo *see* Hong-Gyoo Sohn
Sohn Jin-Soo *see* Jin-Soo Sohn
Sohn Ki-Soo *see* Ki-Soo Sohn
Sohn Kyung-Han *see* Kyung-Han Sohn
Sohn Sang Ho *see* Sang Ho Sohn
Sohng Kyu-Ik *see* Kyu-Ik Sohng
Sohraby, K. *see* Akar, N. 87271
Sohtome, H. *see* Yamamoto, H. 84868
Sohus, A. *see* Yanow, G. 103330
Soicher, H. *see* Houminer, Z. 116899
Soichot, P. *see* Roth, G. 80406
Soifer, V.A., Kotlyar, V.V., Khonina, S.N. Optical method for constructing a field of directions 77225
Soifer, V.A. *see* Doskolovich, L.L. 85768
Soikin, V.F. *see* Gusev, V.K. 107815
Soikin, V.G. *see* Kavin, A.A. 102774
Soileau, M.J. Is there a bright future for photonics? 65597
Soileau, M.J. *see* Efimov, O.M. 116606
Soilemes, A.T. *see* Papadopoulos, K.H. 110457
Soille, P., Breen, E.J., Jones, R. Recursive implementation of erosions and dilations along discrete lines at arbitrary angles 67371
Soille, P., Rivest, J.-F. On the validity of fractal dimension measurements in image analysis 117766
Soille, P. *see* Jones, R. 117542
Soin, R.S. *see* Hughes, J.B. 73543
Soini, J. *see* Ahlback, J. 90044
Soini, J. *see* Perin, R. 90045
Soinski, M. *see* Paczkowski, D. 106478
Soirat, J.P. *see* Cribier, M. 110538
Soja, R. *see* Pauwels, M. 72211
Sok-Jin Yu *see* Jin-Se Lee 107676
Sokabe, N. *see* Matsushima, K. 107135
Sokal, N.O. RF power amplifiers–classes A through F 61668
Sokal, N.O., Novak, I., Donohue, J.E. Classes of RF power amplifiers A through S, how they operate, and when to use them 73130
Sokal, N.O., Novak, I., Donohue, J.E. Classes of RF power amplifiers A through S, how they operate, and when to use them 93136
Sokil-Melgar, J. *see* Ferrara, K.W. 69980
Sokil-Melgar, J.B. *see* Feleppa, E.J. 90372
Sokol, A.G. *see* Antsygin, V.D. 103824
Sokola, M., Levi, E. Combined impact of iron loss and main flux saturation on operation of vector controlled induction machines 121496
Sokola, M., Levi, E., Jamieson, G., Williams, D. Representation and compensation of iron loss in rotor flux oriented induction machines 111952
Sokola, M., Vuckovic, V., Levi, E. Measurement of iron losses in PWM inverter fed induction machines 102729
Sokola, M. *see* Levi, E. 111935
Sokola, M. *see* Levi, E. 121971
Sokolic, S., Amon, S. Effective conduction and valence band offsets in SiGe HBT 74700
Sokolic, S., Amon, S. Temperature dependent model for hole effective mass in heavily doped p-type SiGe 94434
Sokolic, S., Amon, S. Influence of Fermi-Dirac statistics on collector current of npn SiGe HBT at low temperatures 94922
Sokolina, G. *see* Popovici, G. 105116
Sokoloff, J.P., McGinnis, B.P., Isoshima, T., Wada, T., Sasabe, H. Application of organic thin films to a new all-optical demultiplexing device 76159
Sokolov, A.I. *see* Grishin, Y.P. 66724
Sokolov, A.S. *see* Kulipanov, G.N. 107387
Sokolov, A.S. *see* Vinokurov, N.A. 96552
Sokolov, D.V., Rozhnev, A.G., Trubetskov, D.I. Approximate calculation of fields in thin-film field-emission (TFFE) triodes 74038
Sokolov, D.V. *see* Trubetskov, D.I. 74003
Sokolov, E.Ya., Martynov, V.A. The output characteristics of combined-cycle cogeneration installations 102488
Sokolov, G.G. *see* Perov, A.I. 70008
Sokolov, J. *see* Tsang, C. 75105

Sokolov, N.P. *see* Arsen'ev, I.V. 102468

Sokolov, P.V. *see* Bei, N.A. 108034

Sokolov, P.V. *see* Bortsov, Yu.A. 71796

Sokolov, R.T., Rogers, J.C. Removing harmonic signal nonstationarity by dynamic resampling 71827

Sokolov, S.A. Analytical expression for impulse electromagnetic field under Earth surface 97170

Sokolov, S.V. Estimation of the error of a suboptimum filter 76913

Sokolov, S.V. On evaluating the error of a nonlinear Gaussian filter with disturbed parameters 104656

Sokolov, V.I., Manankova, G.I., Seminogov, V.N. Effect of beam shape transformation in Bragg transmission of bounded laser beams through the periodically corrugated dielectric waveguide 95747

Sokolov, V.I., Panchenko, V.Y., Seminogov, V.N. Electromagnetic waves in multilayer corrugated waveguides with space-modulated coupling coefficient: application to the design of single-frequency semiconductor lasers 96256

Sokolov, V.I. *see* Bikmatov, R.G. 96160

Sokolov, V.I. *see* Eimerl, D. 85613

Sokolov, V.N. *see* Dutov, A.I. 85357

Sokolov, V.N. *see* Dutov, A.I. 85367

Sokolov, V.N. *see* Dutov, A.I. 107081

Sokolov, V.N. *see* Dutov, A.I. 116354

Sokolov, V.N. *see* Kochelap, V.A. 105089

Sokolov, V.S. *see* Danilov, V.V. 120582

Sokolova, N. *see* Plemnek, A. 98755

Sokolova, T. *see* Gulaev, V. 73974

Sokolova, T. *see* Gulaev, V. 100835

Sokolovskii, G.S. *see* Deryagin, A.G. 75915

Sokolovsky, E.A. *see* Dudnikov, V.G. 69689

Sokolowska, A. *see* Szmidt, J. 63242

Sokolowska, A. *see* Werbowy, A. 94581

Sokolowska, E., Belabbes, N.E., Kaminska, B. Integrated analog switch matrix with large input signal and 46 dB isolation at 1 GHz 109306

Sokolowski, J.S. *see* Arensburg, A. 96443

Sokolowski, M. *see* Brauksiepe, S. 100815

Sokolowski, R.S. *see* Hawsey, R.A. 115907

Sokolowski, R.S. *see* Yang, Y. 106671

Sokol'ski, M.N. *see* Vasiliev, A.S. 116327

Sokolskii, M.N. *see* Timofeev, F.N. 68449

Sokolsky, P. *see* Bird, D.J. 110586

Sola, M.A., Sallent, S. The discrete-time biorthogonal wavelet transform 66736

Solaiman, B., Mouchot, M.C., Hillion, A. Contextual dynamic neural networks learning in multispectral images classification 111130

Solaiman, B. *see* Fiset, R. 120890

Solaiman, B. *see* Wilinski, P. 108612

Solak, M.K., Peng, A.C. An algebraic method to evaluate spatial stability in image processing neuro chips 62102

Solal, M. *see* Hode, J.M. 104670

Solal, M. *see* Ventura, P. 106427

Solanki, B. *see* Drzewiecki, G. 70156

Solanki, R. *see* Fogarty, J. 85297

Solano, E. *see* De Zela, F. 107034

Solanti, P. *see* Haas, M. 109868

Solar, M. *see* Korosec, K. 104710

Solarek, T. Influence of regenerative braking on operation of input filter of a traction vehicle 112529

Solari, S.J. Image pre-processing for optimal compression results 67216

Solat, M.N. The United States federal radionavigation plan 88751

Solbach, K. *see* Brokmeier, A. 79005

Solberg, V. International standards and requirements for PCB assembly 83612

Solberg, V. PCB assembly 101 94005

Solberg, V. Design for assembly 94024

Solberg, V. Standards and applications for chip scale packaging 103464

Solcia, C. *see* Danielius, R. 96648

Solcia, C. *see* Danielius, R. 107564

Soldani, D. *see* Antolino, A. 61267

Soldani, D. *see* Cinguino, P. 96430

Soldani, D. *see* Rigo, C. 61268

Soldano, D. Delivering better products faster 103390

Soldatenko, V.F. *see* Shmigol', I.N. 121338

Soldatenko, Yu.N., Vasko, F.T. Photovoltaic effect in coupled quantum wells under intersubband excitation 114787

Soldatov, A. *see* David, G. 80077

Soldovieri, F. *see* Leone, G. 98028

Sole, P., Tillich, J.-P. Block codes for dyadic phase shift keying 108187

Sole, R., Zhang, X.X., Ruiz, X., Aguilo, M., Diaz, F., Tejada, J. Magnetic properties of $BaFe_{12-(x+y)}Sn_xCo_yO_{19}$ single crystals 64339

Sole, R. *see* Cabre, R. 75308

Sole-Pareta, J. *see* Vila-Sallent, J. 109108

Solecki, G. *see* Kasprzak, A. 109113

Soleimani, H. *see* Cheng-Liang Huang 63749

Soleimanipour, M., Freeman, G.H. A realistic approach to the capacity of cellular CDMA systems 118031

Soler, R., Pombo, F., Bargiela, A., Gayol, A., Rodriguez, E. MRI of pseudocoarctation of the aorta: morphological and cine-MRI findings 80197

Solero, L., Caricchi, F., Crescimbini, F., Honorati, O., Mezzetti, F. Performance of a 10 kW power electronic interface for combined wind/PV isolated generating systems 121415

Soleymani, M.R. *see* Nassar, C.R. 66253

Soleymani, M.R. *see* Nassar, C.R. 99226

Solgaard, O. *see* Daneman, M.J. 106256

Solgaard, O. *see* Meng-Hsiung Kiang 74937

Solgaard, O. *see* Tien, N.C. 85550

Solgaard, O. *see* Tien, N.C. 95237

Solheim, A. *see* Popescu, P. 67992

Solhusvik, J., Cavadore, C., Farre, J. Experimental results from 32×32 CMOS photogate and photodiode active pixel image sensors 119721

Soli, G.A., Garrett, H.B., Fossum, E.R. CMOS charged particle spectrometers 80137

Soli, G.A., Garrett, H.B., Fossum, E.R. CMOS charged particle spectrometers 100994

Soli, S. *see* Wang, A. 108207

Soli, S.D. Development of a prototype portable binaural digital hearing aid 90610

Soli, S.D. *see* Wang, A. 117295

Solie, L. *see* Adler, E.L. 106440

Solieri, M. *see* Dal Fiume, D. 101038

Soliman, A.A. *see* Ahmed, A.N. 92430

Soliman, A.H. *see* Sabounghi, R.L. 99290

Soliman, A.M. New current mode notch and all-pass circuits using the current conveyor 73540

Soliman, A.M. Mixed-mode biquad circuits 83207

Soliman, A.M. New bandpass-lowpass filters using CC II 104682

Soliman, A.M. *see* Elwan, H.O. 104680

Soliman, A.M. *see* Elwan, H.O. 114062

Soliman, H. *see* Hamdy, N. 114044

Soliman, H.H., Hamdy, N. A high-speed high-resolution cyclic A/D converter 114043

Soliman, H.S. *see* Chang, W. 67393

Soliman, H.S. *see* Chang, W. 117651

Soliman, H.S. *see* Hady, D.A. 74305

Soliman, H.S. *see* Wu, C.J. 98335

Soliman, S.A. Digital control of a high-performance separately excited DC motor 111994

Soliman, S.A., Al-Kandari, A.M. Parameters identification of a separately excited DC motor for speed control 91556

Soliman, S.A., Al-Kandari, A.M., Persaud, S., Al-Naggar, K. A comparative study of static parameter estimation algorithms in short-term load forecasting 102029

Soliman, S.A., El-Hawary, M.E. Application of Kalman filtering for on-line estimation of symmetrical components for power system protection 102259

Solimene, L. *see* Costa, A. 77823

Solimeno, S. *see* Altucci, C. 96721

Solimini, D. *see* Amodeo, G. 111327

Solin, A.V. *see* Baturitsky, M.A. 120224

Solis, J. *see* Cremades, A. 74567

Soljanin, E., Georghiades, C.N. A five-head, three-track, magnetic recording channel 64396

Solka, J.L., Priebe, C.E., Rogers, G.W., Poston, W.L., Lorey, R.A. Maximum likelihood density estimation with term creation and annihilation 103555

Solka, J.L. *see* Hayes, H.I. 98211

Solka, J.L. *see* Marchette, D.J. 76942

Solka, J.L. *see* Priebe, C.E. 108443

Solka, J.L. *see* Wallet, B.C. 86940

Sollenberger, N.R. *see* Shaw-Min Lei 99189

Sollis, P.M., Bissell, P.R., Chantrell, R.W. The effects of texture and interactions on transverse susceptibility measurements of particulate media 106567

Sollner, J. *see* Bacher, G. 62895

Sollner, T.C.L.G. *see* Lyons, W.G. 93777

Solloway, S., Taylor, C.J., Hutchinson, C.E., Waterton, J.C. Quantification of articular cartilage from MR images using active shape models 70028

Solmi, S. *see* Revenant-Brizard, C. 83811

Solms, F. *see* van Rooyen, P. 99086

Solntsev, V.A. The analysis of the amplification and efficiency in polytron and diode with medium transit angles and decelerating static field 74045

Solnyshkov, D. *see* Nikiforov, S. 90091

Solo, J. *see* Bolt, M. 115335

Solodov, E. *see* Abe, K. 69708

Solodov, E. *see* Abe, K. 69726

Solodov, I.Yu. *see* Andreenko, A.S. 106577

Solodukha, A.M., Nesterenko, L.P. Fractal dimensionality of the strange attractor for chaotic oscillations in a circuit containing a ferroelectric 93169

Sologuren, E.Miranda *see* Miranda Sologuren, E.

Solomashenko, N.F. *see* Baturitsky, M.A. 120223

Solomentsev, V.V., Logvin, A.I., Prokhorov, A.V. Assessment of the influence of radiowaves propagation conditions on the operation of the high-frequency direction finding positioning system in the Antarctic conditions 99692

Solomon, F., Ikeuchi, K. Extracting the shape and roughness of specular lobe objects using four light photometric stereo 66939

Solomon, G.S., Larson, M.C., Harris, J.S., Jr. Electroluminescence in vertically aligned quantum dot multilayer light-emitting diodes fabricating by growth-induced islanding 107009

Solomon, H.D., Tolksdorf, E.D. Energy approach to the fatigue of 60/40 solder. II. Influence of hold time and asymmetric loading 82180

Solomon, I.S.D. *see* Abramovich, Y.I. 109787

Solomon, J. *see* Baumbaugh, B. 80030

Solomon, J. *see* Chung, M. 80031

Solomon, J.A., Watson, A.B., Ahumada, A.J., Jr. Visibility of DCT quantization noise: contrast masking 87217

Solomon, J.A. *see* Watson, A.B. 89427

Solomon, J.A. *see* Watson, A.B. 108537

Solomon, J.S. *see* Li, N.Y. 103882

Solomon, J.S. *see* Voevodin, A.A. 92807

Solomon, L., Graves, W.S., Ben-Zvi, I., Krinsky, S., Lynch, D., Mortazavi, P., Rakowsky, G., Skaritka, J., Woodle, M., Yu, L.H., Lehrman, I., Tepes, F. Magnetic measurements of the BNL HGFEL 96475

Solomon, L. *see* Graves, W.S. 95574

Solomon, L. *see* Ingold, G. 96564

Solomon, L. *see* Safranek, J. 100617

Solomon, L. *see* Stefan, P.M. 100528

Solomon, S., Sreemoolanadhan, H., Sebastian, M.T., Mohanan, P. Microwave dielectric resonators based on $Ba[(Bi_{0.2}D_{0.3}{}^{3+})Nb_{0.5}]O_3$ (D^{3+}=Y, Pr, Sm, Gd, Dy, Er) 114226

Solomonson, N. *see* Mauceli, E. 99874

Solorza, O. *see* Sebastian, P.J. 91722

Solorzano, A.Ortiz de *see* Ortiz de Solorzano, A.

Solosin, V.S., Zubov, A.S. Extended imaging technique for investigation of higher order diffraction effects 109696

Soloveichik, Yu. *see* Rojak, M. 85799

Solov'ev, A.S. *see* Vasil'chenko, V.G. 69798

Solov'ev, E.E. *see* Karnachev, A.S. 119542

Solov'ev, Yu.A. *see* Kuranov, V.P. 109824

Solov'ev, Yu.N. *see* Novikov, V.V. 85944

Solov'eva, K.N. *see* Lemanov, V.V. 64165

Soloveva, M.N. *see* Belkov, S.A. 116681

Solovianov, O. *see* Ajinenko, I. 90197

Soloviev, A.V. *see* Vasiltsov, V.V. 107083

Solovjov, A.N. *see* Belyavsky, B.A. 94196

Solovov, V. *see* Belogurov, S. 100855

Solov'yanov, A.A. *see* Aslanyan, G.S. 101813

Solovyev, V.V. Synthesis of hierarchical circuits of parallel PLD-based logic control devices 93285

Solov'yov, N.G. *see* Generalov, N.A. 107118

Solovyov, V.I. *see* Kozlov, B.A. 107091

Solowyanov, A.A. *see* Vinitsky, M.M. 80840

Sols, F. *see* Zapata, I. 106690

Solsona, J., Valla, M.I., Muravchik, C. A nonlinear reduced order observer for permanent magnet synchronous motors 102659

Soltan, P., Trias, J., Dahlke, W., Lasher, M., McDonald, M. Laser-based 3D volumetric display system (second generation) 100196

Soltan, P. *see* Lasher, M. 89245

Soltane, S., Kerkeni, N., Angue, J.C. The use of two dimensional discrete cosine transform for an adaptive approach to image segmentation 66997

Soltanian-Zadeh, H., Windham, J.P. Linear filter design for CNR enhancement of MR images with multiple interfering features 90436

Soltanian-Zadeh, H., Windham, J.P. Optimal feature space for MRI 90444

Soltanian-Zadeh, H., Windham, J.P., Peck, D.J. Optimal linear transformation for MRI feature extraction 110707

Soltau, H., Holl, P., Kemmer, J., Krisch, S., Zanthier, C. v., Hauff, D., Richter, R., Braeuninger, H., Hartmann, R., Hartner, G., Krause, N., Meidinger, N., Pfeffermann, E., Reppin, C., Schwaab, G., Strueder, L., Truemper, J., Kendziorra, E., Kraemer, J. Performance of the pn-CCD X-ray detector system designed for the XMM satellite mission 110553

Soltau, H. *see* Brauninger, H. 90702

Soltau, H. *see* Lechner, P. 110543

Soltau, H. *see* Lechner, P. 110554

Soltau, H. *see* Meidinger, N. 106053

Soltes, V. *see* Dzurina, J. 61062

Soltys, M. *see* Bullitt, E. 90479

Soltys, M. *see* Foster, K.R. 70300

Soltysiak, J.T. Model based quality control with statistical methods—basic principles and practice 72317

Soltz, D., Cescato, L. Potential-induced changes in the surface morphology of (100) n-InP samples photoelectrochemically etched 114965

Soltz, D., De Paoli, M.-A., Cescato, L. Fringe stabilization and depth monitoring during the holographic photoelectrochemical etching of n-InP (100) substrates 84159

Soluri, A. *see* de Notaristefani, F. 110698

Soluyanova, E.A. The Dryden flow in a weakly inhomogeneous magnetic field 83759

Solyak, N.A. *see* Dolbilov, G.V. 94192

Solyakov, V.N. *see* Bovina, L.A. 99985

Solymar, L., Aguilar, M., Agullo-Lopez, F. Unified two-dimensional model for grating dynamics in photorefractive materials 95629

Solymar, L. *see* Ellin, H.C. 107509

Solymosi, J. *see* Kasa, I. 95976

Solyom, A., Fric, V., Marko, P. Effect of antimony on the magnetic properties and structure of non-orientated electric sheets 106621

Som, F. *see* Frigyes, I. 85858

Som, T. *see* Dhar, S. 105745

Soma, M. *see* Charoenrook, A. 73475

Soma, M. *see* Yong Je Lim 82868

Somaiah, K. *see* Furetta, C. 110961

Somaie, A.A. *see* Ipson, S.S. 87020

Somali, S. *see* Karasozen, B. 113256

Soman, A.K. Minimal and complete factorization for a class of paraunitary filter banks 66663

Soman, K.P. *see* Azad, A.K. 111494

Somani, A. *see* Lang, R. 93398

Somani, A. *see* Yu, J. 85105

Somani, A.K. *see* Subramaniam, S. 87722

Somani, A.K. *see* Subramaniam, S. 98774
Somani, A.K. *see* Subramaniam, S. 108775
Somani, A.K. *see* Wittenbrink, C.M. 77407
Somasekhar, D., Roy, K. Differential current switch logic: a low power DCVS logic family 73297
Somashekhar, A., O'Brien, S. Etching SiO$_2$ films in aqueous 0.49% HF 114967
Somatri, R., Chailan, J.F., Chevarier, A., Chevarier, N., Ferro, G., Monteil, Y., Vincent, H., Bouix, J. Alpha backscattering used in stoichiometry determination of thin SiC coatings on Si(100) wafers 92722
Somayajula, S.A.S., Sanchez-Sinencio, E., Pineda de Gyvez, J. Analog fault diagnosis based on ramping power supply current signature clusters 115357
Sombra, A.S.B. *see* de Araujo, M.T. 65096
Sombra, A.S.B. *see* de Paiva, J.A.C. 74287
Somei, H. *see* Nitta, K. 121799
Somer, G. The Cypress Semiconductor CY7C971 Ethernet receiver 119128
Someren Greve, S.C.van *see* van Someren Greve, S.C.
Somers, C.B. Correlates of engineering freshman academic performance 112791
Somers, M. *see* Werner, K. 103923
Somers, O. Intelligent agents for high-speed network management 87612
Somersalo, E., Yla-Oijala, P., Proch, D. Analysis of multipacting in coaxial lines 100468
Somerset, D.G. The low power high integration MCU system: on board display control for portability and economy 110309
Somerville, M.H., del Alamo, J.A., Hoke, W. Direct correlation between impact ionization and the kink effect in InAlAs/InGaAs HEMTs 106088
Somerville, T.A. *see* Alberkrack, J.H. 91713
Someya, J. *see* Ishitani, H. 110282
Someya, K., Shinozaki, H., Miyata, E., Sekine, Y. Internal states of pulse-type hardware neuron model with chaotic dynamics 104751
Someya, M., Takagi, S., Nakamura, T., Suzuki, S., Wakebe, Y. Full-color image-scanner PC-IN700 series 69281
Someya, T., Akiyama, H., Sakaki, H. Molecular beam epitaxial growth of In$_{0.15}$Ga$_{0.85}$As quantum wells on (110) GaAs surfaces 72813
Someya, T., Akiyama, H., Yamauchi, M., Sugawara, H., Sakaki, H. Effect of lateral confinement on excitonic wavefunctions in t-shaped edge quantum wires 62992
Someya, T. *see* Hoshino, T. 95216
Someya, Y., Koide, H., Ando, M., Yoshida, T. The performance and reliability of 20 cm square planar SOFC 81755
Somiya, Y. *see* Saito, H. 87073
Somiya, Y. *see* Saito, H. 108722
Somma, A. *see* Matekovits, L. 66139
Sommargren, G.E. Diffraction methods raise interferometer accuracy 105827
Sommeijer, B.P. *see* Van der Houwen, P.J. 61041
Sommen, P.C.W. *see* Egelmeers, G.P.M. 93402
Sommen, P.C.W. *see* Schobben, D.W.E. 117490
Sommer, B. *see* Giese, P. 87634
Sommer, J.L. *see* Baggio, J. 76027
Sommer, J.L. *see* Baggio, J. 107342
Sommer, M. *see* Level, M.-P. 76071
Sommer, M. *see* Nadji, A. 120032
Sommer, R.L., Chien, C.L. Giant magneto-impedance effects in Metglas 2705M 64288
Sommer, R.L., Chien, C.L., Hasegawa, R. Annealing and geometric effects in the magneto-impedance of amorphous Co$_{70.4}$Fe$_{4.6}$Si$_{15}$B$_{10}$ alloys 75115
Sommers, P. *see* Bird, D.J. 110586
Sommet, R. *see* Mallet, A. 83402
Sommet, R. *see* Viaud, J.P. 73726
Somogyi, A., Vizi, L., Ban, G. Investigation of distribution transformer overvoltage protection by computer simulation 112045
Somogyi, K. Use of halide transport in epitaxial growth of InP and related compounds 103911
Somogyi, K. Magnetoresistance measurements of different geometries on epitaxial InP and GaInAs/InP layers 105150
Somogyi, K. Deep level observation in InP by temperature dependence of the van der Pauw's symmetry factor 105174
Somora, M. *see* Roman, J. 62371
Somorjai, R.L. *see* Alexander, M.E. 101271
Somorjai, R.L. *see* Eviatar, H. 101217
Somov, S.V. *see* Gushchin, E.M. 80120
Somov, S.V. *see* Gushchin, E.M. 120217
Somov, S.V. *see* Gushchin, E.M. 120218
Somsikov, V.M. *see* Bezotosnyi, A.A. 116913
Son, C., Ahn, T. Sensor fusion techniques used for learning/identifying features of robot's part assembly tasks 119718
Son, C.-S., Kim, S.-I., Kim, Y., Lee, M.-S., Kim, M.-S., Min, S.-K., Choi, I.-H. Properties of carbon-doped InGaAs grown by atmospheric pressure metalorganic chemical vapor deposition using CCl$_4$ 114607
Son, H.-N. *see* Chun, K.-G. 68513
Son, J. *see* Budiarto, E. 64891
Son, J. *see* Budiarto, E. 116201
Son, J.-Y., Dmitriev, V.G., Mikhailov, V.N., Jeon, H.-W. Solid-state lasers for color holography 96755
Son, J.-Y. *see* Kang, B.-J. 118937
Son, J.S., Cutkosky, M.R., Howe, R.D. Comparison of contact sensor localization abilities during manipulation 79353
Son, K.-S. *see* Kim, K. 83162
Son, N.M. *see* Quang, V.X. 106958
Son, P.C.van *see* van Son, P.C.
Son, P.van *see* van Son, P.
Son, S.H. *see* Agarwal, N. 118605
Son, U.T. *see* Zhimov, V.V. 73972
Son Chang Sik *see* Chang Sik Son
Son Chang Won *see* Chang Won Son
Son Chang-Sik *see* Chang-Sik Son
Son Dukjoo *see* Dukjoo Son
Son Ilhun *see* Ilhun Son
Son Jang-Woo *see* Jang-Woo Son
Son Jeong-Hwan *see* Jeong-Hwan Son
Son Jeonghwan *see* Jeonghwan Son
Son Joo-Hiuk *see* Joo-Hiuk Son
Son Jung-Young *see* Jung-Young Son
Son Kwang-Myoung *see* Kwang-Myoung Son
Son Kwnag-Myoung *see* Kwnag-Myoung Son
Son Kyung-Im *see* Kyung-Im Son
Son Maeng Ho *see* Maeng Ho Son
Son Moon-Hae *see* Moon-Hae Son
Son Pham Hong *see* Pham Hong Son
Son Yung-Sung *see* Yung-Sung Son
Sonajalg, H., Saari, P. Suppression of temporal spread of ultrashort pulses in dispersive media by Bessel beam generators 96592
Sonar, T. Optimal recovery using thin plate splines in finite volume methods for the numerical solution of hyperbolic conservation laws 113213
Sonar, T. *see* Iske, A. 103721
Soncini, G. *see* Bellutti, P. 84610
Soncini, G. *see* Bisio, G.M. 108602
Soncini, G. *see* Dalla Betta, G.F. 120204
Soncini, G. *see* Guardini, R. 116266
Soncini, G. *see* Lui, A. 119623
Soncini, G. *see* Paccagnella, A. 63755
Soncini, G. *see* Paccagnella, A. 74738
Soncini, G. *see* Paccagnella, A. 106014
Sonck, M., Hermaune, A. The beam pick-up : a transducer with a versatile set of applications in applied nuclear science 110489
Sonde, B.S. *see* Anvekar, D.K. 83177
Sonde, B.S. *see* Patel, T. 99265
Sonderegger, P. *see* Nobrega, R. 69744
Sondergaard, L.M. *see* Sorensen, P. 91408
Sondergren, C., Ravn, H.F. A method to perform probabilistic production simulation involving combined heat and power units 71119
Sondheim, W.E. *see* Yamamoto, R.M. 90187
Sone, H., Kaneko, T., Miyakawa, N. Study of silicon carbide CVD process by thermogravimetry 104036
Sone, H. *see* Kaneko, T. 104132
Sone, H. *see* Koizumi, T. 65901
Sone, H. *see* Ohta, K. 109234
Sone, H. *see* Yamashita, M. 116402
Sone, J. *see* Hara, T. 117609
Sone, J. *see* Kawanaka, M. 63582
Sone, J.H. *see* Kijoon Kim 82726
Sone, M. *see* Azegami, H. 93467
Sone, M. *see* Chiba, H. 97741
Sone, M. *see* Furukawa, T. 85600
Sone, M. *see* Matsumoto, H. 93466
Sone, M. *see* Verma, S.C. 93416
Sone, S. *see* Takagi, R. 112533
Soneda, M. *see* Kurokawa, M. 77536
Sonegawa, T., Grigoriu, C., Masugata, K., Yatsui, K., Shimotori, Y., Furuuchi, S., Yamamoto, H. Preparation of BaTiO$_3$ thin films by backside pulsed ion-beam evaporation 113461
Sonegawa, T., Masugata, K., Grigoriu, C., Yatsui, K., Shimotori, Y., Furuuchi, S., Yamamoto, H. Evaluation of characteristics of BaTiO$_3$ thin films prepared by intense, pulsed, ion-beam evaporation 106297
Sonehara, N. *see* Fukushima, K. 86918
Sonehara, N. *see* Hongo, S. 66942
Sonehara, N. *see* Ochiai, K. 111223
Song, C.D. *see* Yao, T. 74194
Song, C.K. *see* Roenker, K.P. 73598
Song, D., Lim, J., Lee, K., Park, Y.-J., Min, H.-S. Optimization study of halo doped MOSFETs 74748
Song, G. *see* Jia, Q.X. 82613
Song, G. *see* Zhaug, W.-M. 117095
Song, G.H. *see* Jackel, J.L. 78891
Song, G.W. *see* Chai, J.S. 100809
Song, H.B. *see* Li, Q. 83727
Song, H.J., Im, J.S. Single-crystal Si islands on SiO$_2$ obtained via excimer-laser irradiation of a patterned Si film 72877
Song, H.J. *see* Lee, S.H. 115237
Song, I. *see* Bae, J. 97852
Song, I. *see* Park, Y. 117113
Song, I. *see* Ryu, Y. 99125
Song, J., Greenwood, A., Batarseh, I. Analysis and design of zero-voltage-switching class-E converter 112063
Song, J., Liu, A.P., Okino, K., Ueda, K. Virtual point source pumped CW Nd:YAG laser with 81 W output from linear cavity and 22 W output from ring cavity 116451
Song, J., McLaren, P.G., Thomson, D.J., Middleton, R.L. A Faraday effect based clamp-on magneto-optical current transducer for power systems 81184
Song, J. *see* Kaminskii, A.A. 76153
Song, J. *see* Kim, K. 113440
Song, J. *see* Lee, C. 113400
Song, J. *see* Liu, A. 107140
Song, J. *see* Nassiri, A. 96465
Song, J.C., Kim, S.H., Choi, H.J. New digital carrier recovery loop for carrier synchronization 76707
Song, J.H. *see* Lie, D.Y.C. 63233
Song, J.H. *see* Suh, S.H. 72791
Song, J.H. *see* Zhao, K. 94182
Song, J.J., Kim, J., Otocki, R., Zhou, J. RF radiation measurement for the Advanced Photon Source (APS) personnel safety system 89912
Song, J.J., Shan, W., Schmidt, T., Yang, X.H., Fischer, A., Hwang, S.J., Taheri, B., Goldenberg, B., Horning, R., Salvador, A., Kim, W., Aktas, O., Botchkarev, A., Morkoc, H. Optical studies of epitaxial GaN based materials 96330
Song, J.J. *see* Fischer, A.J. 116706
Song, J.J. *see* Kang, Y.W. 100650
Song, J.J. *see* Sereno, N.S. 89763
Song, J.J. *see* Wong, W.S. 103879
Song, J.M. *see* Chew, W.C. 76408
Song, J.W. *see* Byun, S.W. 116726
Song, J.W. *see* Lee, C.H. 121312
Song, K. *see* Boisset, G.C. 72309
Song, K. *see* Ito, H. 75131
Song, K. *see* Ito, H. 115570
Song, K.C., Matin, M.A., Robinson, B., Simmons, J.G., Thompson, D.A., Mascher, P. High performance InP/InGaAs-based MSM photodetector operating at 1.3-1.5 μm 100027
Song, K.C. *see* Matin, M.A. 100036
Song, K.Y., Kittler, J., Petrou, M. Defect detection in random colour textures 108671
Song, L., Parhi, K.K. Efficient finite field serial/parallel multiplication 104504
Song, L. *see* Cale, T.S. 61416
Song, M.-J. *see* Mar, J. 99621
Song, M.-K. *see* Hwang, N. 107266
Song, M.H. *see* Lee, Y.H. 75736
Song, M.K. *see* Jeong, J. 85530
Song, N., Perkowski, M.A. Minimization of exclusive sum-of-products expressions for multiple-valued input, incompletely specified functions 61801
Song, N. *see* Dasari, A.K. 73284
Song, Q.Wang *see* Wang Song, Q.
Song, S. *see* Mochrie, S.G.J. 94215
Song, S. *see* Moore, R.K. 120772
Song, S. *see* Moore, R.K. 120806
Song, S.H. *see* Kim, D.M. 63636
Song, S.N., Maglic, S.R., Thomas, C.D., Ulmer, M.P., Ketterson, J.B. High energy resolution X-ray detection based on a coupled Fiske cavity and Josephson junction oscillator 110627
Song, S.N. *see* Rippert, E.D. 64561
Song, S.P. *see* Fuller, S. 93429
Song, T. *see* Shen, C. 110451
Song, W. *see* Mao, D. 112363
Song, W.-J. *see* Kim, J.-H. 67167
Song, W.D. *see* Lu, Y.F. 84826
Song, W.S. *see* Lee, K.W. 107811
Song, X. *see* Tran, T.D. 81667
Song, Y. A transition layer model and its application to resonant tunneling in heterostructures 83924
Song, Y. *see* Kim, K. 113440
Song, Y.-H. *see* Kim, J. 84506
Song, Y.-K., Nurmikko, A.V., Chu, C.-C., Han, J., Ng, T.B., Gunshor, R.L. Degradation and lifetime of II-VI blue-green LEDs under high injection 107002
Song, Y.H. Hybrid systems–the next generation of intelligent techniques [for power system control] 80871
Song, Y.H., Gu, X., Raby, P., Morgan, R. Multimedia based tool for teaching power system dynamics 90938
Song, Y.H., Xuan, Q.Y., Johns, A.T., Aggarwal, R.K. Integrated adaptive protection and control for controllable series compensated transmission systems using neural networks 70841
Song, Y.H., Xuan, Q.Y., Johns, A.T., Aggarwal, R.K. Radial basis function neural networks for fault diagnosis in series compensated transmission lines: a comparison study 102142
Song, Y.H. *see* Li, F. 111542
Song, Y.H. *see* Li, X.Y. 70747
Song, Y.H. *see* Lin, J.Y. 111480
Song, Y.H. *see* Liu, J.Y. 70843
Song, Y.H. *see* Wan, H.B. 90929
Song, Y.H. *see* Wang, G.S. 121120
Song, Y.H. *see* Wang, P.Y. 113176
Song, Y.H. *see* Xuan, Q.Y. 91213
Song, Y.H. *see* Xuan, Q.Y. 102039
Song, Y.J., Lee, M.W., Yoo, B.K., Kim, Y.W. TELEOKE: A multimedia communication karaoke system 118568
Song, Y.J. *see* Hwang, J.D. 61183
Song, Y.P. *see* Lockwood, D.J. 62996
Song, Z.G., Ong, C.K., Gong, H. A time-resolved current method for the investigation of charging ability of insulators under electron beam irradiation 64141
Song, Z.M. *see* Lo, K.L. 71135
Song Bang-Sup *see* Bang-Sup Song
Song Bing *see* Wang Zili 81643
Song Bongseop *see* Bongseop Song
Song BuyngKwen *see* BuyngKwen Song
Song Byung Kwon *see* Byung Kwon Song

Song Cai *see* Cai Song
Song Chan-Il *see* Chan-Il Song
Song Chang-Won *see* Chang-Won Song
Song Chen, Goto, M. Error detection of real-number input fast Fourier transform networks 104593
Song Chun Zhu, Yingnian Wu, Mumford, D. FRAME: filters, random fields, and minimax entropy towards a unified theory for texture modeling 86440
Song Chun Zhu, Yuille, A. Region competition: unifying snakes, region growing, and Bayes/MDL for multiband image segmentation 117557
Song Chung-Kun *see* Chung-Kun Song
Song De Ma *see* Ge Gong 86646
Song De Ma *see* Maolin Qiu 86831
Song de Ma *see* Zhanyi Hu 87255
Song De Ma *see* Zhanyi Hu 98151
Song Dezhen *see* Dezhen Song
Song Dongil *see* Dongil Song
Song Goh Say *see* Say Song Goh
Song Haibo *see* Haibo Song
Song Hee Kwon *see* Hee Kwon Song
Song Ho Keun *see* Ho Keun Song
Song Ho-Yong *see* Ho-Yong Song
Song Ho-Young *see* Ho-Young Song
Song Hyojeong *see* Hyojeong Song
Song Iickho *see* Iickho Song
Song Jae-Ho *see* Jae-Ho Song
Song Jai Chul *see* Jai Chul Song
Song Jiahua *see* Cao Guochen 90949
Song Jian *see* Jian Song
Song Jiang *see* Jiang Song
Song Jianjian *see* Jianjian Song
Song Jiaqing *see* Jiaqing Song
Song Jiling *see* Jiling Song
Song Jin Il *see* Jin Il Song
Song Jin Soo *see* Jin Soo Song
Song Jinsoo *see* Jinsoo Song
Song Jong-Hwan *see* Jong-Hwan Song
Song Jongkwan *see* Jongkwan Song
Song Joon Tae *see* Joon Tae Song
Song Joon-Tae *see* Joon-Tae Song
Song JooSeok *see* JooSeok Song
Song Juho *see* Juho Song
Song Junshou, Yan Fengqin A multifunctional three-phase electric energy quality measurement and management system 111691
Song Kai-Tai *see* Kai-Tai Song
Song Kil-Yeong *see* Kil-Yeong Song
Song Kil-Young *see* Kil-Young Song
Song Kim Tao *see* Tao Song Kim
Song Kun-Woen *see* Kun-Woen Song
Song Kwan-Ho *see* Kwan-Ho Song
Song Lai *see* Jia-Hong Gao 90379
Song Lai *see* Jia-Hong Gao 120345
Song Li *see* Li Song
Song Linggen *see* Linggen Song
Song Liqun *see* Liu Shenggang 107929
Song Min Kyu *see* Min Kyu Song
Song Min-Kyu *see* Min-Kyu Song
Song Mingzhou *see* Mingzhou Song
Song Minho *see* Minho Song
Song Minkyu *see* Minkyu Song
Song Myong-Lyol *see* Myong-Lyol Song
Song Naihao *see* Naihao Song
Song Nanxin *see* Kang Xiaoli 92688
Song Peng, Morris, G.M. Experimental investigation of resonant grating filters based on two-dimensional gratings 95932
Song Pengto, Meng Weiqun, Jiang Xiaorong, Rong Yan Handling and analysis of "Jan. 19" fault and service interruption in Beijing 120981
Song Qi *see* Xue Donghui 98324
Song Qi Wang *see* Qi Wang Song
Song Qiang *see* Qiang Song
Song Rak-Hyun *see* Rak-Hyun Song
Song Renjie *see* Liu Yulan 80908
Song Sangyup *see* Sangyup Song
Song Seok Ho *see* Seok Ho Song
Song Seok-Ho *see* Seok-Ho Song
Song Seok-Kyun *see* Seok-Kyun Song
Song Seung Kee *see* Seung Kee Song
Song Seung-Hyun *see* Seung-Hyun Song
Song Shin Hyun *see* Hyun Song Shin
Song Shousen *see* Shousen Song
Song Tack-Gun *see* Tack-Gun Song
Song Tong, Xiang-Na Liu, Lu-Chun Wang, Feng Yan, Xi-Mao Bao Visible electroluminescence from nanocrystallites of silicon films prepared by plasma enhanced chemical vapor deposition 95956
Song Won Chul *see* Won Chul Song
Song Won Seon *see* Won Seon Song
Song Woncheol *see* Woncheol Song
Song Wonchul *see* Wonchul Song
Song Wun Tao *see* Kun Liu 118812
Song Xiang-Yun *see* Xiang-Yun Song
Song Xiaofei *see* Rong Gang 120206
Song Xiaoping *see* Yan Aru 95351
Song Xiaoping *see* Xiaoping Song
Song Xiaoyu *see* Xiaoyu Song
Song Xing *see* Xing Song
Song Xinqi *see* Xinqi Song
Song Xiudong *see* Geng Jihong 75785
Song Yanrong *see* Wang Haibin 116693
Song Yingan *see* Ren Zhaoxing 64028
Song Yinglin, Li Feng, Wang Ruibo, Li Chunfei Optical switching in C_{60}/PMMA 76103
Song Yinglin *see* Yinglin Song
Song Yingsong *see* Fan Min 64792
Song Yingsong *see* Lu Jingping 64793
Song Yong-Jin *see* Yong-Jin Song
Song Yonghua, Clarke, L. The operation and control of the deregulated UK national grid system 111518
Song Yonghua *see* Li Xinyuan 90924
Song Yonghua *see* Qiu Xiaoyan 111455
Song Yonghua *see* Wang Guangsheng 71320
Song Yonghua *see* Yonghua Song
Song Yongzhong *see* Yongzhong Song
Song Yoon-Ho *see* Yoon-Ho Song
Song Yoonseon *see* Yoonseon Song
Song Young Joon *see* Young Joon Song
Song Young-Jin *see* Young-Jin Song
Song Young-Kee *see* Young-Kee Song
Song Young-Seog *see* Young-Seog Song
Song Yu *see* Yu Song
Song Yue Tang *see* Yue Ping Tang 116949
Song Yun-Jeong *see* Yun-Jeong Song
Song Yunzian, Bai Peng, Jing Dong, Ilan Fanshi, Zhao Liang Natural language interface of Chinese on multimedia and education 112795
Song Zengfu *see* Zengfu Song
Song Zhiping, Zhang Guung Critical remarks on personal judgments and objective realities in cost allocation for cogeneration plants 121344
Song Zhizhong *see* Ju Jinxaing 69701
Song Zhizhong *see* Yu Jinxiang 90116
Song Zhizhong *see* Zhizhong Song
Song-Bin Lin *see* Bae-Heng Tseng 62797
Song-Bin Lm *see* Bae-Heng Tseng 61185
Song-Cheol Hong *see* Yang, O.-S. 107027
Song-hao Liu *see* Liu Song-hao
Song-Keun Lee *see* Kwang-Myoung Son 101777
Song-Yan Chen *see* Chen Song-Yan
Song-Yop Hahn *see* Changyul Cheon 104793
Song-Yop Hahn *see* Dong-Hun Kim 81957
Song-Yop Hahn *see* Dong-Joon Sim 111904
Song-Yop Hahn *see* Gwan-Soo Park 95379
Song-Yop Hahn *see* Hong-Bae Lee 65960
Song-Yop Hahn *see* Hyang-Beom Lee 92646
Song-Yop Hahn *see* Hyoung Joong Kim 112609
Song-Yop Hahn *see* Il-Han Park 71913
Song-Yop Hahn *see* Il-Han Park 107765
Song-Yop Hahn *see* Juno Kim 65961
Song-Yop Hahn *see* Min-Kyu Kim 97815
Song-Yop Hahn *see* Min-Kyu Kim 102717
Song-Yop Hahn *see* Seung-Hyun Song 104902
Song-Yop Hahn *see* Seung-Woo Lee 112618
Song-Yop Hahn *see* Tae Kyung Chung 111998
Song-Yop Hahn *see* Yangsoo Lee 102722
Song-Zhen Wu *see* Lin Zhang 61452
Songcan Lai Security holograms using an encoded reference wave 116766
Songcheol Hong *see* Taehee Cho 69157
Songcheol Hong *see* Yongho Cho 82993
Songcheol Hong *see* Yongho Cho 83447
Songde, M.A. *see* Yang Zhiyong 86672
SongDe Ma *see* Ge Cong 67136
SongDe Ma *see* Ge Cong 67137
SongDe Ma *see* Ge Cong 86707
SongDe Ma *see* Li Li 67138
Songde Ma *see* Zhanyi Hu 67034
Songde Ma *see* Ma Songde
Songgen Sun *see* Sun Songgen
Songhao Liu *see* Junmin Liu 107602
Songhao Liu *see* Liu Songhao
Songhee Kim *see* Kim Songhee
Songhua, H., Wenfeng, S., Guirong, G. A study of target structure imaging and target identification based on radar target optical region frequency response data 79010
Songhua He *see* He Songhua
Songlin Lu *see* Lu Songlin
Songsiriritthigul, P., Holmen, G. Channeling and steering effects on 2 MeV He^{2+} ions in Ge^{+} ion implanted SiGe-alloy layers 114554
Songsu Cho *see* Nakamura, M. 104543
Songxin Qi *see* Qi Songxin
Songyan, C. *see* Yuheng, P. 65195
Songyan Chen *see* Chen Songyan
Songyan Yin *see* Guoying Chen 85494
Songyop Hahn *see* Dongjin Bae 111961
Songyu Yu *see* Yu Songyu
Songzhang Yang *see* Yang Songzhang
Songzhen Wu *see* Xinyan Wu 64104
Soni, A., Ghosh, S., Pal, J.K. Industrial energy management: the role of distributed control systems 112628
Soni, R.A., Jenkins, W.K. Rapidly converging adaptive IIR algorithms 77006
Soni, S. *see* Bhalode, S. 120264
Sonier, P. *see* Gallagher, S. 71965
Sonka, M., Tadikonda, S.K., Collins, S.M. Knowledge-based interpretation of MR brain images 101187
Sonka, M., Wonkyu Park, Hoffman, E.A. Rule-based detection of intrathoracic airway trees 80269
Sonneck, G. *see* Schoitsch, E. 82140
Sonnendrucker, E. *see* Raviart, P.-A. 61069
Sonnenschein, E. *see* Fink, H. 91686
Sonnier, G.L. *see* Grimes, G.J. 116290
Sonninen, R. *see* Halin, M. 71061
Sonntag, H. *see* Krotz, G. 104057
Sonobe, H. *see* Komachiya, M. 100050
Sonobe, K. *see* Kikuchi, S. 98080
Sonobe, N. *see* Nagai, A. 112305
Sonobe, T. *see* Katagiri, A. 102603
Sonobe, Y., Ikeda, Y., Uchida, H., Toyooka, T. Characteristics of high-density recording using a single-layer perpendicular medium and a merged MR head 115767
Sonobe, Y. *see* Ikeda, Y. 115773
Sonobe, Y. *see* Tomobe, K. 104517
Sonoda, A. *see* Yoshida, K. 103117
Sonoda, K., Yamaji, M., Taniguchi, K., Hamaguchi, C., Dunham, S.T. Moment expansion approach to calculate impact ionization rate in submicron silicon devices 115119
Sonoda, K. *see* Takai, M. 61875
Sonoda, N., Sun, Y., Miyasato, T. Low-temperature growth of oriented silicon carbide on silicon by reactive hydrogen plasma sputtering technique 104105
Sonoda, S. *see* Wajima, K. 115880
Sonoda, T. *see* Sasaki, H. 63772
Sonoda, T. *see* Yamamoto, Y. 63774
Sonoi, Y., Kagaya, H., Uyeda, H., Kawasaki, Z., Fukao, S. Observations of thunderclouds in winter season using X band dual polarization Doppler radar 70493
Sonoi, Y., Maekawa, Y., Kawasaki, Z., Ikawa, T., Fukami, K., Fukao, S. Discussion about the discriminating function of the precipitation particles of the dual polarization radar and the predictable parameters of lightning discharge 70494
Sonoo, M., Kobayashi, M., Genba-Shimizu, K., Mannen, T., Shimizu, T. Detailed analysis of the latencies of median nerve somatosensory evoked potential components. 1. Selection of the best standard parameters and the establishment of normal values 101381
Sonoo, M. *see* Stalberg, E. 80405
Sontag, E.D. *see* DasGupta, B. 97837
Sontakke, T.R. *see* Manthalkar, R.R. 120419
Sony Roy, T. *see* Athithan, G. 117656
Sonza Reorda, M. *see* Amendola, A.M. 113984
Sonza Reorda, M. *see* Barbagallo, S. 104467
Sonza Reorda, M. *see* Corno, F. 73233
Sonza Reorda, M. *see* Corno, F. 73343
Sonza Reorda, M. *see* Corno, F. 82888
Sonza Reorda, M. *see* Corno, F. 93223
Sonza Reorda, M. *see* Corno, F. 113874
Soo, D. *see* Bang-Sup Song 76681
Soo, K.T. *see* Bo Liu 115790
Soo, Y.L. *see* Bhargava, R.N. 62713
Soo, Y.L. *see* Huang, S. 113346
Soo Bo Sim *see* Woo Hyung Lee 108669
Soo Byun Jeong *see* Jeong Soo Byun
Soo Chang, Ji Taek Kim, Jae Heung Jo, Sang Soo Lee Optical pressure exerted on a dielectric film in the evanescent field of a Gaussian beam 107703
Soo Chang Ik *see* Ik Soo Chang
Soo Choi Jong *see* Jong Soo Choi
Soo Choi Kyung *see* Kyung Soo Choi
Soo Choi Seong *see* Seong Soo Choi
Soo Chung Kwan *see* Kwan Soo Chung
Soo Han Hern *see* Hern Soo Han
Soo Han Myung *see* Myung Soo Han
Soo Hoan Chae *see* Kyung Joon Lee 99330
Soo Hone Chin *see* Chin Soo Hone
Soo In Lee, Jeong Goo Kim, Eon Kyeong Joo A new class of error control line codes 76812
Soo In Lee *see* Jeong Goo Kim 76813
Soo Jin Chua *see* Chua Soo Jin
Soo Joong Kim *see* Duck Soo Noh 85172
Soo Jung Hyun *see* Hyun Soo Jung
Soo Kim Duk *see* Duk Soo Kim
Soo Kim Ha *see* Ha Soo Kim
Soo Kim Hyeon *see* Hyeon Soo Kim
Soo Kim Hyun *see* Hyun Soo Kim
Soo Kim Hyung *see* Hyung Soo Kim
Soo Kim Jeong *see* Jeong Soo Kim
Soo Kim Kyung *see* Kyung Soo Kim
Soo Kim Myung *see* Myung Soo Kim
Soo Kug Hong *see* Hark Byeong Park 104945
Soo Kwan Eo, Wangchen Long, Yamada, D. Modulator ASIC design for mobile and ISM band wireless applications 68177
Soo Kyung Chang *see* Chae Deok Lee 92748
Soo Lee Byung *see* Byung Soo Lee
Soo Lee Doo *see* Doo Soo Lee
Soo Lee Ik *see* Ik Soo Lee
Soo Lee Keun *see* Keun Soo Lee
Soo Lee Kwan *see* Kwan Soo Lee
Soo Lee Myoung *see* Myoung Soo Lee
Soo Lee Sang *see* Sang Soo Lee
Soo Lim Jong *see* Jong Soo Lim
Soo Ngee Koh *see* Haiyun Yang 76883
Soo Noh Duck *see* Duck Soo Noh
Soo Park Choong *see* Choong Soo Park
Soo Park Hyeon *see* Hyeon Soo Park
Soo Park Jin *see* Jin Soo Park
Soo Park Moon *see* Moon Soo Park
Soo Park Nam *see* Nam Soo Park
Soo Park Youn *see* Youn Soo Park
Soo Ryu Jin *see* Jin Soo Ryu
Soo Song Jin *see* Jin Soo Song
Soo Yang Hee *see* Hee Soo Yang
Soo Yeol Lee, Min Hyoung Cho Digital signal processor based digital time delay integration for a medical infrared imaging system 90486
Soo Yong Choo *see* Choo Soo Yong
Soo Yoon Hee *see* Hee Soo Yoon
Soo Young Park *see* Dong Hoon Choi 76162
Soo Young Park *see* Dong Hoon Choi 85641
Soo Young Park *see* Taek Seung Lee 76163
Soo Young Yoon *see* Ki Hyung Kim 62676

Soo-Chang Pei, Chien-Cheng Tseng Two novel methods for complex allpass filters design using Remez exchange algorithm 117523
Soo-Choon Kang *see* Peck, P.R. 75243
Soo-Ik Chae *see* Sungjun Park 62100
Soo-In Cho *see* Jei-Hwan Yoo 73371
Soo-Kyuk Nam, Se-Young Oh Real-time visual tracking using PSD sensors and extended trapezoidal motion planning 98045
Soo-Won Kim *see* Bo-Eun Kim 61648
Soo-Won Kim *see* Bo-Eun Kim 104724
Soo-Won Kim *see* Sung-Nam Kim 108195
Soo-Yong Kim *see* Dong-Woo Kim 98161
Soo-Young Chang Efficient error correction between multiple erroneous copies without communication with original senders 76737
Soo-Young Chang *see* Sung-Hoon Kim 73432
Soo-Young Lee *see* You-Suk Bae 85214
Sood, D.K. *see* Bhansali, S. 84624
Sood, R. *see* Bhatia, M. 106013
Sood, R.P. *see* Kyatanavar, D.N. 90505
Sood, V. *see* Kandil, N. 101714
Sood, V.K., Khatri, V., Jin, H. Performance assessment using EMTP of two gate firing units for HVDC converters operating with weak AC systems 111574
Sood, V.K., Khatri, V., Jin, H. EMTP modelling of CIGRE benchmark based HVDC transmission system operating with weak AC systems 111577
Sood, V.K. *see* Kamwa, I. 70703
Sood, V.K. *see* Narendra, K.G. 111576
Sood, V.K. *see* Qiu, M. 81053
Soohoo, A.E., Reed, T.R. Low-bit-rate coding of sequences using the Gabor transform 87215
Sooja Choi Analysis of communication behaviors in ISDN-TV model conferences using synchronous and asynchronous speech transmission 78138
Sook Ha Jeong *see* Jeong Sook Ha
Sook Hyun Kyung *see* Kyung Sook Hyun
Sook Park Geun *see* Geun Sook Park
Sook Shin Hwa *see* Hwa Sook Shin
Sook-Il Kwun *see* Jong Cheol Shin 82998
Sooknanan, K., Cogan, A.I., Gentzler, C.R., Max, L.B., Vandelin, G. 220 MHz class AB high dynamic range linear FET amplifiers 93139
Sooknanan, K. *see* Cogan, A.I. 73131
Sooknanan, K. *see* Cogan, A.I. 73744
Sookyung Kim, Haesung Kwon, Yung-Gil Kim, Youn-Sig Lee, Talke, F.E. Accelerated wear characteristics of video heads in a helical scan system 109946
Sookyung Kim, Prabhakaran, V., Talke, F.E. Investigation of head wear and contamination in helical scan tape systems 115750
Sool Gam Kee *see* Kee Sool Gam
Soole, J.B.D. Challenges for InP WDM filter technology 68448
Soole, J.B.D., Amersfoort, M.R., Leblanc, H.P., Andreadakis, N.C., Rajhel, A., Caneau, C., Bhat, R., Koza, M.A., Youtsey, C., Adesida, I. Use of multimode interference couplers to broaden the passband of wavelength-dispersive integrated WDM filters 106928
Soole, J.B.D., Amersfoort, M.R., LeBlanc, H.P., Rajhel, A., Caneau, C., Youtsey, C., Adesida, I. Compact polarisation independent InP reflective arrayed waveguide grating filter 106926
Soole, J.B.D. *see* Amersfoort, M.R. 75660
Soole, J.B.D. *see* Amersfoort, M.R. 88482
Soon, W.B.H., Goyal, S., Liu Chong Hsu, Yeo Lik Wee A 36 MHz CMOS fixed-point G.728 low delay CELP integrated decoder-encoder 118692
Soon Aun Yeap *see* Hurley, R.T. 87761
Soon Cham Tao *see* Cham Tao Soon
Soon Choi Jae *see* Jae Soon Choi
Soon Heung Chang *see* Seong Soo Choi 81257
Soon Hie Tan, Pang, K.K., Ngan, K.N. Classified perceptual coding with adaptive quantization 97900
Soon Hong Geok *see* Geok Soon Hong
Soon Hong Kwon *see* Young Tae Han 79196
Soon Ik Jeon, Kyun Hyon Tchah, Chooen Sik Yim, Seon Jong Chung Voltage tuned dielectric resonance 20.5 GHz harmonic oscillator with novel structure 93802
Soon Ing Yann, Yeo Chai Kiat Image tracking using Hopfield neural network 98138
Soon Ja Park *see* Do Joon Yoo 69026
Soon Jae Yu, Nam-Ihn Cho Carrier confinement of InGaAsP/InP quantum wire structures fabricated by focused Ga ion beam implantation 63018
Soon Jae Yu *see* Nam-Ihn Cho 74473
Soon Jae Yu *see* Nam-Ihn Cho 83971
Soon Kang Chang *see* Chang Soon Kang
Soon Kim Kwang *see* Kwang Soon Kim
Soon Leong *see* Phillips, C. 99647
Soon Oh Park *see* Kee-Won Kwon 61908
Soon Seah Hock *see* Hock Soon Seah
Soon T. Hwang, Ilwun Shim, Kyung O. Lee, Kyeong S. Kim, Ju H. Kim, Guang J. Choi, Young S. Cho, Hyungsoo Choi Bisethylacetoacetato Cu(II) as a novel metal-organic precursor for Cu film production by plasma-enhanced chemical vapor deposition toward ultra-large-scale integration metallization 61348
Soon Won Jung *see* Joong Jo Park 98242
Soon Yil Kwon *see* Ki Jun Kim 118864
Soon-Back Kim *see* Keun-Chung Kim 86880
Soon-Bong Cho *see* Hyun-Soo Kang 81446
Soon-Chan Hong *see* Myung-Chan Kim 81941
Soon-Ghee Chua, Goldsmith, A. Variable-rate variable-power MQAM for fading channels 108117
Soon-Hong Kwon *see* Kim, J.D. 86322
Soon-Jae Cho, Min Sup Kim, Seong-Dae Kim Automatic target recognition (ATR) system 86655
Soon-Jae Cho *see* Min Sup Kim 87107
Soon-Kwon Lim *see* Eungsoo Kim 84214
Soon-Sung Yang Protocol compatibility tester for CDMA mobile system (CMS) 99884
Soon-Yi Wu *see* Fang, S.-C. 103679
Soon-Young Eom *see* Jong-Sik Lim 83327
Soonchil Lee *see* Daehaeng Lee 119622
Soong, A.C.K., Krzymien, W.A. Performance issues in successive interference cancellation with reference symbol assisted channel estimation 68201
Soong, A.C.K., Krzymien, W.A. Performance of a reference symbol assisted multistage successive interference cancelling receiver in a multi-cell CDMA wireless system 88212
Soong, A.C.K., Krzymien, W.A. Robustness of the reference symbol assisted multistage successive interference cancelling receiver with imperfect parameter estimates 109513
Soong, A.C.K., Krzymien, W.A. A novel CDMA multiuser interference cancellation receiver with reference symbol aided estimation of channel parameters 119015
Soong, B.H. Identification and restoration of linear motion, out-of-focus, and Gaussian blur using EM algorithm 97998
Soong, B.H. *see* Tan, P.T. 68090
Soong, B.H. *see* Tan, P.T. 78499
Soong, N.L. Scientific visualization laboratory design and the classroom of the future 60465
Soonkwon Lim *see* Eungsoo Kim 84243
Soonkwon Lim *see* Kyungho Lee 93943
Sooriakumar, K. *see* Chan, W. 64005
Sooriyakumaran, R. *see* Allen, R.D. 105786
Soowon Kim *see* Boeun Kim 115347
Sopanen, M. *see* Lipsanen, H. 63046
Sopanen, M. *see* Lipsanen, H. 105336
Soparkar, N. *see* Agusleo, H. 109098
Sopian, K., Yigit, K.S., Liu, H.T., Kakac, S., Veziroglu, T.N. Performance analysis of photovoltaic thermal air heaters 71920
Sopin, M.O. *see* Mokhun', I.I. 116084
Soplyachenko, V.N. *see* Dainichenko, N.V. 75092
Sopori, B.L. A review of defect engineering concepts for high efficiency, low-cost silicon solar cells 112345
Sopori, B.L., Deng, X., Benner, J.P., Rohatgi, A., Sana, P., Estreicher, S.K., Park, Y.K., Roberson, M.A. Hydrogen in silicon: a discussion of diffusion and passivation mechanisms 94289
Sopori, B.L. *see* Carr, K.F. 112378
Sopov, V. *see* Calen, H. 120194
Sopov, V. *see* Kacharava, A. 100812
Soppart, O., Baumbach, J.I., Kurrat, M., Alberti Segundo, S.M., Klockow, D. Ion mobility spectrometry for the characterization of SF_6-decomposition products caused by partial discharges 81610
Soprano, C. *see* Baiocchi, A. 119125
Soraghan, J.J. *see* Alkulaibi, A. 117292
Soraghan, J.J. *see* Setarehdan, S.K. 70005
Soraghan, J.J. *see* Voukelatos, S.P. 80328
Soragni, E., Davolio, G. On the "memory effect" of the nickel oxide electrode 112228
Soramasu, N. *see* Yano, S. 90318
Soramoto, S., Sato, M., Ito, T., Yamaguchi, S., Nagasaka, T., Yamada, K., Nakamura, K. New ultrasonic level gauge using standing waves of bending modes 88967
Soran Ine, Chaedeok Lim, Geunyoung Lee, Moonja Kim, Han Namgoong The open client-server tool to develop a homeshopping service on community network 118431
Sorba, L., Yildirim, S., Lazzarino, M., Franciosi, A., Chiola, D., Beltram, F. Thermal stability of engineered Schottky barriers in Al/Si/GaAs(001) diodes 105461
Sorba, L. *see* Bratina, G. 72787
Sorba, L. *see* Calcagnile, L. 65345
Sorba, L. *see* Calcagnile, L. 74378
Sorba, L. *see* Herve, D. 75950
Sorba, L. *see* Lazzarino, M. 74462
Sorba, L. *see* Li, J.H. 85471
Sorba, L. *see* Netti, M.C. 105346
Sorba, L. *see* Prete, P. 62828
Sorbello, F. *see* Gentile, A. 83139
Sordan, R., Nikolic, K. The nonlinear transport regime of a T-shaped quantum interference transistor 74777
Sordello, C. *see* Yang, M.M. 115690
Sordo, B. *see* Artiglia, M. 119204
Soreefan, R. *see* Tarr, N.G. 74824
Soref, R.A. Silicon-based group IV heterostructures for optoelectronic applications 83927
Sorem, M. *see* Paisner, J.A. 85412
Sorensen, A.N. *see* Spinney, T. 80720
Sorensen, B. Strategy for a rich, fulfilling and sustainable society [renewable resource planning] 101986
Sorensen, C.B. *see* Gislason, H. 94498
Sorensen, C.B. *see* Taboryski, R. 94564
Sorensen, J.S. *see* Rinnan, A. 90737
Sorensen, M.Friis *see* Friis Sorensen, M.
Sorensen, M.P. *see* Bischoff, S. 96353
Sorensen, N.R. *see* Stevenson, J.O. 94038
Sorensen, P., Tande, J.O., Sondergaard, L.M., Kledal, J.D. Flicker emission levels from wind turbines 91408
Sorenson, D. Ni-Cds for the Nineties [secondary cells] 71626
Sorenson, G. *see* Larsen, M.F. 108650
Sorenson, P.L. *see* Hsu, J.S. 111971
Sorge, R. *see* Ehwald, K.-E. 82665
Sorge, R. *see* Krampe, S. 82664
Sorge, R. *see* Richter, H.H. 63325
Sorgenfrei, B.L., Edelstein, W.A. Optimizing MRI signal-to-noise ratio for quadrature unmatched RF coils: two preamplifiers are better than one 101223
Soria, E. *see* McGregor, D.S. 80153
Soria, E. *see* McGregor, D.S. 92663
Soria, E. *see* Schieber, M. 110578
Soria, R.A.B. *see* Cabral, E.F., Jr 93039
Soriano, F. *see* Poveda, J. 99420
Soriano, J.M. On the existence of zero points 103802
Soriano, M., Saloma, C. Cell classification by a learning principal component analyzer and a back-propagation neural network 90399
Soriano, M. *see* Cruselles, E. 67862
Soriano, M. *see* Cruselles, E. 98421
Soriano, P., Gendreau, M. Diversification strategies in tabu search algorithms for the maximum clique problem 82448
Sorida, Y. *see* Matsuzaki, S.-I. 103149
Sorkin, G.B. *see* Goldberg, L.A. 98253
Sorli, I., Petasch, W., Kegel, B., Schmid, H., Liebel, G., Ries, W. Plasma processes. II. Applications in electronics 104955
Sorli, I. *see* Athanas, T. 73091
Sorli, I. *see* Kren, B. 63581
Sorli, L., Kren, B., Limpel, M. *(editors)* 23rd International Conference on Microelectronics, MIEL'95. 31st Symposium on Devices and Materials, SD'95 60357
Sorme, K. Ericsson: supporting Australian telecommunications into the 21st century 87564
Sornat, G. *see* Gu, C. 95651
Sornette, D. *see* Lamaignere, L. 104927
Sorochinskii, V.V., Kurganov, B.I. Diffusion-kinetic theory of stationary behaviour of amperometric bienzyme electrodes 79576
Sorochinskii, V.V., Kurganov, B.I. Theoretical aspects of design of polyenzyme amperometric sensors 110222
Sorokin, A. *see* Palto, S. 84689
Sorokin, A.P. *see* Ushakov, P.A. 71099
Sorokin, B.P. *see* Aleksandrov, K.S. 106330
Sorokin, E. *see* Sorokina, I.T. 96179
Sorokin, N.G., Antipov, V.V., Blistanov, A.A. The regular domain structure in $LiNbO_3$ and $LiTaO_3$ 106316
Sorokin, O.V. *see* Arutyunov, V.A. 69318
Sorokin, P.V. *see* Anischenko, N.G. 120106
Sorokin, S.L. *see* Ledentsov, N.N. 107223
Sorokin, S.V. *see* Ivanov, S.V. 74152
Sorokin, S.V. *see* Toropov, A.A. 63007
Sorokin, S.V. *see* Toropov, A.A. 75930
Sorokin, S.V. *see* Zhmerik, V.N. 74537
Sorokina, I.T., Sorokin, E., Wintner, E., Cassanho, A., Jenssen, H.P., Szipocs, R. Prismless passively mode-locked femtosecond Cr:LiSGaF laser 96179
Sorokina, R.K. *see* Akindinov, V.V. 76601
Sorokina, S.V. *see* Andreev, V.M. 105385
Sorqvist, T., Vlastos, A.E. Field measurements of AC- and DC-energized silicone elastomer coated outdoor insulators 102216
Sorqvist, T., Vlastos, A.E. Outdoor polymeric insulators long-term exposed to HVDC 121208
Sorrell, C.C. *see* Yau, J.K.F. 106649
Sorrentino, E. *see* Perez, L.G. 102089
Sorrentino, R. Modelling and design of millimetrewave passive circuits: from 2 to 3D 62223
Sorrentino, R. Electromagnetic based microwave circuit design using mode matching technique and adjoint network method 73686
Sorrentino, R. *see* Alimenti, F. 62179
Sorrentino, R. *see* Alimenti, F. 93758
Sorrentino, R. *see* Alimenti, F. 97269
Sorrentino, R. *see* Ciampolini, A. 116961
Sorrentino, R. *see* Ciampolini, P. 113818
Sorrentino, R. *see* Dionigi, M. 83350
Sorrentino, R. *see* Dionigi, M. 93055
Sorrentino, R. *see* Esposito, A. 93052
Sorrentino, R. *see* Massini, C. 99588
Sorrentino, R. *see* Mezzanotte, P. 73624
Sorrentino, R. *see* Mezzanotte, P. 116959
Sorrentino, R. *see* Moretti, S. 114215
Sorrentino, R. *see* Tarricone, L. 93740
Sorsdal, T. *see* Karlsson, H. 68956
Sos, G.T. *see* Adams, G.F. 111419
Sosa, B.R.M. *see* Lee, L.L. 66626
Sosa, H. *see* Khutoryansky, N. 106326
Sosa-Trujillo, J.L., Villagran-Muniz, M. Experimental evidence of a self-preionization in a nitrogen laser 107130
Sosale, D. *see* Tahernezhadi, M. 98809
Soshin, K. *see* Okamura, Y. 91794
Soshnikov, V.I. *see* Kruglov, V.S. 72963
Soskin, M.S., Vasnetsov, M.V., Basistiy, I.V. Optical wavefront dislocations 85742
Soskin, M.S. *see* Ilyenkov, A.V. 85672
Soskin, S.M. *see* Kaufman, I.K. 115939
Soslow, A. Quality in product design [PCB design] 114411

Sosnin, E.A. *see* Boichenko, A.M. 65042
Sosnin, E.A. *see* Tarasenko, V.F. 107060
Sosnin, N.F. *see* Pedorenko, N.P. 79386
Sosnitsky, V.N., Vojtovich, I.D. Application of superconducting electronics to registration of biomagnetic signals 95492
Sosnosky, J., Kobrinski, H. A current Bellcore view of SONET ATM VP rings 77595
Sosnov, E.N. *see* Gryaznov, N.A. 116355
Sosnovskii, Yu.M. *see* Il'in, V.A. 111075
Sosnovsky, Yu.M. *see* Belyaeva, T.A. 120871
Sosnovtsev, V. *see* Akesson, T. 69833
Sosnowski, J., Kusmierczyk, A. Pseudorandom versus deterministic testing of Intel 80×86 processors 104616
Sosnowski, T. *see* Bhargava, R.N. 62713
Sosnowski, T. *see* Kamath, K. 96266
Sosnowski, T. *see* Whitaker, J.F. 114644
Sosnowski, T.S., Stephens, P.B., Norris, T.B. New technique for producing 30-fs tunable-wavelength visible pulses with an optical parametric amplifier 96724
Sosnowski, T.S. *see* June-Koo Rhee 96597
Soss, S.R. *see* Kim, B.M. 113348
Sossi, V., Barney, J.S., Oakes, T.R., Ruth, T.J. Comparison of energy window choice and parameter implementation in dual energy window scatter correction performance in 3D PET 101121
Sosso, A. *see* Picotto, G.B. 69078
Sosso, A. *see* Picotto, G.B. 79334
Sostman, H.D. *see* Summers, R.M. 69984
Sota, S. *see* Akasaki, I. 75922
Sota, T. *see* Takagi, Y. 92713
Sotak, C.H. *see* Funan Shi 70015
Sotani, J. *see* Kitanoya, J. 112896
Sotirin, B. *see* Pawlowicz, R. 120808
Sotiropoulos, D.A. *see* Saridakis, Y.G. 72715
Sotirov, G. *see* Minkov, T. 101772
Sotnikov, V.V. Influence of splitting, doubling, and transposition on the external magnetic field of symmetric current loops 76327
Sotnikova, G.Y. *see* Gavrilov, G.A. 75937
Soto, B. Asynchronous SONET: Oxymoron or network necessity? 99468
Soto, C.P., Saleh, R., Kwasniewski, T. Time warping-waveform relaxation in a distributed circuit simulation environment 84516
Soto, D., Green, T.C., Coonick, A. Multi-level converters and large power inverters 121096
Soto, H., Erasme, D. Modelling and experimental measurements of the switching behaviour of semiconductor optical amplifiers 75969
Soto, H., Erasme, D. Investigation of nondegenerate four wave mixing in semiconductor optical amplifier through bias current modulation 75983
Soto, I., Carrasco, R.A. Searching of convolutional codes on ring of integers modulo-q using genetic algorithms 76735
Soto, M. *see* Orozco-Barbosa, L. 118094
Soto, R. *see* Blanco-Garcia, J. 107631
Soto, R. *see* Dorrio, B.V. 119862
Soto, R. *see* Rojo, O. 72632
Soto-Crespo, J.M., Afanasjev, V.V., Akhmediev, N.N., Town, G.E. Dual-frequency pulses in fiber lasers 107159
Soto-Crespo, J.M., Akhmediev, N.N., Afanasjev, V.V. Stability of the pulselike solutions of the quintic complex Ginzburg-Landau equation 96588
Soto-Crespo, J.M. *see* Afanasjev, V.V. 75841
Soto-Crespo, J.M. *see* Afanasjev, V.V. 107154
Soto-Crespo, J.M. *see* Akhmediev, N.N. 76194
Sotokawa, A. *see* Mesaki, Y. 89294
Sotom, M. *see* Dumortier, P. 78864
Sotom, M. *see* Jourdan, A. 78904
Sotom, M. *see* Soulage, G. 119234
Sotomayor Torres, C.M. *see* Ribayrol, A. 74142
Sotomayor Torres, C.M. *see* Tang, Y.S. 62922
Sotomura, T. *see* Oyama, N. 81686
Sotos, S.G. *see* Carruth, R.C. 102372
Sotouchi, H. *see* Murai, M. 121863
Sotouchi, H. *see* Murai, M. 121875
Sotoudeh, N., Greatrix, G.R., Goldspink, G.F. Improving the recovery of the micro-geometry of object surfaces by Fourier scaling 97973
Sotscheck, J. *see* Usai, P. 99138
Sotteau, D. *see* Qiao Li 92454
Sottili, F. *see* Capolino, F. 111202
Sottini, S., Giorgetti, E., Sparpaglione, M., Brooks, D., Licchelli, M., Grando, D., Skarda, V., Westland, D. Efficient UV polymerisation of 3BCMU: optical and waveguiding properties of the material 75401
Sottini, S. *see* Grando, D. 95765
Sottini, S. *see* Palchetti, L. 95763
Sottini, S. *see* Palchetti, L. 119259
Sottos, N.R., Kline, G.E., Qidwai, M.A., Lagoudas, D.C. Analysis of phase transformation fronts in SMA composites 92977
Sotudeh, R. *see* Cheng, L. 90937
Sotudeh, R. *see* Cheng, L. 121672
Sotudeh, R. *see* Cheung, R. 121756
Sotudeh, R. *see* Ould-Khaoua, M. 93011
Sotudeh, R. *see* Rizzo, S.C. 121622
Sou, I.K., Yang, Z., Mao, J., Ma, Z.H., Tong, K.W., Yu, P., Wong, G.K.L. Aluminum-doped n-type ZnSTe alloy grown by molecular beam epitaxy 114896
Sou, I.K. *see* Mai, Z.H. 94361
Sou, I.K. *see* Wong, K.S. 75962
Sou, S. *see* Sakaguchi, T. 68924
Sou Cheng-Wou *see* Cheng-Wou Sou
Soubaras, H. *see* Colineau, J. 115795
Soucy, M. *see* Bergevin, R. 67369
Soudais, P. Calculation of RCS on 3D bodies with conductors and anisotropic dielectrics by a mixed integral-equation/finite-element method 65809
Souders, T.M., Waltrip, B.C., Laug, O.B., Deyst, J.P. A wideband sampling voltmeter 119536
Souders, T.M. *see* Deyst, J.P. 66674
Souders, T.M. *see* Deyst, J.P. 109967
Soudris, D. *see* Paliouras, V. 93462
Soufi, M., Rochon, S., Savaria, Y., Kaminska, B. Design and performance of CMOS TSPC cells for high speed pseudo random testing 104489
Souguil Ann *see* Byung-Gook Lee 117290
Souguil Ann *see* Seung Chan Bang 66721
Souissi, S., Wicker, S.B. Dynamic performance of a random access code combining CDMA system 87382
Souk, J. *see* Fryer, P.M. 89321
Soukas, A. *see* Ahrens, L.A. 79924
Soukas, A. *see* Marneris, I. 102851
Soukas, A. *see* Sandberg, J.N. 100735
Soukas, A. *see* Tanaka, M. 100723
Soukiassian, P. *see* Aristov, V.Y. 114810
Soukiassian, P. *see* Huttel, Y. 83979
Soukiassian, P. *see* Riehl-Chudoba, M. 63304
Soukieh, M. *see* Voitikov, S.V. 107234
Soukolis, C.M. *see* McCalmont, J.S. 62167
Soukup, L. *see* Sicha, M. 113494
Soulage, G., Doussiere, P., Jourdan, A., Sotom, M. 8-Channels, 10-Gbit/s operation of a clamped-gain semiconductor optical amplifier gate 119234
Soulage, G. *see* Gurib, S. 116530
Soulage, G. *see* Jourdan, A. 78904
Soulard, M. *see* Villemazet, J.F. 83005
Soulas, G.C., Myers, R.M. Mechanisms of anode power deposition in a low pressure free burning arc 80575
Soulat, P. *see* Meyzaud, Y. 121319
Soulem, N., Held, B., Chapelle, J. Analysis of the laser-produced current impulse below the breakdown threshold in a homogeneous field 95089
Soulen, R.J., Jr. *see* Claasen, J.H. 95458
Souli, N. *see* Aubin, G. 99581
Souliere, V., Thevenot, V., Dumont, H., Monteil, Y., Bouix, J., Regreny, P., Tran Minh Duc AFM study of surface topography of InP epilayers: effect of miscut angle and growth temperature during MOVPE 105143
Soults, D.J. Vehicle tracking and dispatch using wireless data communications 68782
Soum, G. *see* Pascal, O. 66002
Soum, G. *see* Pascal, O. 76553
Souma, I. *see* Jen, J.Y. 62843
Soumekh, M. Reconnaissance with slant plane circular SAR imaging 88682
Soumekh, M. Automatic aircraft landing using interferometric inverse synthetic aperture radar imaging 111068
Soung C. Liew, Lee, T.T. SKEL: a fundamental property desirable in ATM switches for simple traffic management–illustrations with generic output-buffered and input-buffered switches 78281
Soung Ryong Yee *see* Heesang Lee 77772
Soung-Nan Liu, Tai-Jan Yang The assessment of expert systems for vibrational monitoring of rotating equipment in the United States 71239
Soung-Yue Liew *see* Lee, T.T. 87307
Sounick, J. *see* Garvey, D.W. 106804
Sounik, J., Vicari, R., Lu, P.H., Kokinda, E., Ficner, S., Dammel, R.R. Synthesis and lithographic performance of highly branched polymers from hydroxyphenylmethylcarbinols 105773
Souny, B. *see* Roturier, B. 65798
Soures, J. *see* Eimeri, D. 85420
Sourour, E. *see* Esmailzadeh, R. 98412
Sourour, E.A. The effect of non-linearity on the performance of the multi-carrier CDMA system 118774
Sousa, A., Muchaxo, A., Periera, N., Sarmento, H., Vedigal, L. A wireless digital system based on the DECT standard 88168
Sousa, E.S. Antenna architectures for CDMA integrated wireless access networks 88384
Sousa, E.S. *see* DaSilva, V.M. 99194
Sousa, E.S. *see* DaSilva, V.M. 109548
Sousa, E.S. *see* Qingxin Chen 88313
Sousa, E.S. *see* Zarrabizadeh, M.H. 99080
Sousa, E.S. *see* Zarrabizadeh, R.H. 78363
Sousa, F.M.G. DSP-based secure systems for digital speech communication over the PSTN and via radio 101643
Sousa, J., Santos, D., Correia de Barros, M.T. Fault arc modeling in EMTP 111444
Sousa, J. *see* Covino, J. 73355
Sousa, J.Borges *see* Borges Sousa, J.
Sousa, J.F. *see* Ventura, L. 101231
Sousa, J.T., Shen, T., Cheung, P.Y.K. Realistic fault extraction for boards 73848
Sousa, J.T.De *see* De Sousa, J.T.
Sousa, O. *see* Fernandes, J. 68234
Sousa Cardoso, L.De *see* De Sousa Cardoso, L.
Sousa Pereira, A., Godinho, A., Rafael, J., Pires, V., Pinto, A., Ramos, F., Figueiredo, L. A teleradiology experiment in Portugal using an ISDN based system 110821
Sousa Rocha, J.P.de *see* de Sousa Rocha, J.P.
Souteyrand, E., Nicolas, D., Martin, J.R., Chauvet, J.P., Perez, H. Behaviour of cryptophane molecules in gas media 119780
South, G.E. *see* Wolfe, H.J. 91666
Southall, L., McQuiggan, G. New 200 MW class 501G combustion turbine 111812
Southard, J.R. Mapping to complex library modules: the real synthesis challenge 61558
Southcott, M.L. *see* Zhu, J. 68551
Southern, J.F. *see* Tearney, G.J. 120407
Southgate, D., Metters, L. Evaluation of the benefits of a fully re-programmable two way prepayment system 102299
Southwell, D., Vandegriend, B., Basu, A. A conical mirror pipeline inspection system 86777
Southwell, R.P., Mendicino, M.A., Seebauer, E.G. Optimization of selective $TiSi_2$ chemical vapor deposition by mechanistic chemical kinetics 82727
Southwell, R.P., Seebauer, E.G. A predictive kinetic model for the chemical vapor deposition of $TiSi_2$ 61409
Southwick, E. *see* Deis, G. 106719
Southworth, J.H., Hvorecky, J. Telecommunication in Slovak education: a PSSC legacy project helping build economy and democracy in Slovakia 87544
Souto, J.A. *see* Perez-Munuzuri, V. 80681
Souto, M. *see* Mendez, A.J. 90410
Souto, M.J. *see* Perez-Munuzuri, V. 80681
Souto, O.C.N., De Oliveira, J.C. Practical proposals to reduce harmonic currents in electrical power systems 101662
Souto-Maior, R. *see* Gomes, A.S.L. 116678
Soutome, M. *see* Takahashi, Y. 104334
Souvorov, A., Snigirev, A., Snigireva, I., Aristova, E. Ion implanted Bragg-Fresnel lens 64866
Souvorov, A.E. *see* Semenov, S.Y. 101294
Souyris, J.-C., Le Toan, T., Floury, N., Thomasson, L., Chih-Chien Hsu, Jin Au Kong Use of polarisation synthesis for deforestation studies based on SIR-C/XSAR data analysis 111344
Souyris, J.C. *see* Floury, N. 120906
Souyris, J.C. *see* Mattia, F. 120728
Souza, A.C.Z.De *see* De Souza, A.C.Z.
Souza, A.Ferrari de *see* Ferrari de Souza, A.
Souza, B.A. *see* Naidu, S.R. 93096
Souza, C.de *see* de Souza, C.
Souza, C.E.De *see* De Souza, C.E.
Souza, C.F.De *see* De Souza, C.F.
Souza, C.Sieckenius de *see* Sieckenius de Souza, C.
Souza, E.A.De *see* De Souza, E.A.
Souza, E.A.M.de *see* de Souza, E.A.M.
Souza, F.C.de *see* de Souza, F.C.
Souza, J.Campello de *see* Campello de Souza, J.
Souza, J.C.S., Leite da Silva, A.M., Alves da Silva, A.P. Data debugging for real-time power system monitoring based on pattern analysis 102326
Souza, J.R. *see* Harboe, P.B. 93670
Souza, J.R. *see* Veliz, R.O. 93679
Souza, M., Vidigal, C., Momy, A., Taquin, J., Sauzade, M. Non-linear calculation of 3D static magnetic fields using code CALMAG 3D 96931
Souza, M.De *see* De Souza, M.
Souza, M.M.de *see* de Souza, M.M.
Souza, M.N., Caloba, L.P. A study of a cochlear simulator 85906
Souza, R.De *see* De Souza, R.
Souza, R.F. *see* Cesar, A.C. 93677
Souza, R.F. *see* De Lima Coimbra, M. 82960
Souza, R.F. *see* Pontes, M.J. 75833
Souza, R.F.de *see* de Souza, R.F.
Souza, R.Fragassi *see* Fragassi Souza, R.
Souza, R.M.Campello de *see* Campello de Souza, R.M.
Souza, R.S.L. *see* Silva Mello, L.A.R. 99452
Souza, T.M.de *see* de Souza, T.M.
Souza e Silva, E.De *see* De Souza e Silva, E.
Souza Filho, E.B.de *see* de Souza Filho, E.B.
Souza Sobrinho, C.L., Glarola, A.J. Analysis of an optically controlled dielectric waveguide with the use of the FD-FD method 97277
Sovarong Leang, Shang-Yi Ma, Thomson, J., Bombay, B.J., Spanos, C.J. A control system for photolithographic sequences 63499
Sovero, E.A., Kwon, Y., Deakin, D.S., Sailer, A.L., Higgins, J.A. A PHEMT based monolithic plane wave amplifier for 42 GHz 93875
Sovero, E.A. *see* Cheh-Ming Liu 62334
Sovero, E.A. *see* Cheh-Ming Liu 93876
Sovero, E.A. *see* Youngwoo Kwon 73791
Sovetov, V.M. Search for a complex signal as a problem of identifying the output matrix of a dynamic system 108275
Sowa, K. *see* Nakanishi, Y. 104031
Sowa, M.J. *see* Wu, Y. 78978
Sowa, P. Overvoltage and overcurrent during nonsimultaneous faults in transmission lines 111620
Sowaied, A.J. *see* Taleb, M. 112108
Sowards, D. *see* Van Tran, H. 73587
Sowerby, B.D. *see* Abernethy, D.A. 110440
Sowerby, B.D. *see* Cutmore, N.G. 110434
Sowerby, K.W. *see* Marshall, P.J. 78560
Sowerby, K.W. *see* Marshall, P.J. 118901
Sowerby, K.W. *see* Neve, M.J. 107919
Sowerby, K.W. *see* Orange, M.D. 118986
Sowers, C.H. *see* Fullerton, E.E. 64350
Sowers, C.H. *see* Fullerton, E.E. 113359
Sowers, C.H. *see* Fullerton, E.E. 113368
Sowers, J., Byer, N., Edward, B., McPherson, D., Weinreb, S., Rucky, F. Electronically steered,

receive monopulse, active phased array at 94 GHz 97367
Sowinski, J. *see* Derenchuk, V. 120079
Sowlati, T., Greshishchev, Y., Andre, C., Salama, T. 1.8 GHz class E power amplifier for wireless communications 114301
Sowlati, T., Greshishchev, Y., Salama, C.A.T., Rabjohn, G., Sitch, J. Linear transmitter design using high efficiency Class E power amplifier 99197
Sowlati, T., Greshishchev, Yu., Salama, C.A.T., Rabjohn, G., Sitch, J. Linearized high efficiency Class E power amplifier for wireless communications 114326
Soyama, Y. *see* Yamaguchi, T. 64406
Soyer, H.P. *see* Litscher, G. 90494
Soyjaudah, K.M.S. *see* Honary, B. 86062
Soyk, K.-H. *see* Ostovic, V. 121427
Soysa, S. *see* Ali, F.H. 98409
Soyuer, M., Jenkins, K.A., Burghartz, J.N., Hulvey, M.D. A 3 V 4 GHz nMOS voltage-controlled oscillator with integrated resonator 73804
Soyuer, M. *see* Burghartz, J.N. 83514
Soyuer, M. *see* Burghartz, J.N. 106245
Soyuer, M. *see* Burghartz, J.N. 106247
Soyuer, M. *see* Nguyen-Ngoc, D. 63964
Soyuer, M. *see* Widmer, A. 78352
Sozanski, J.-P. *see* Despretz, D. 120491
Sozanski, J.-P. *see* Dubois, L. 120490
Sozinov, B.L. *see* Grechin, S.G. 116438
Sozzi, M. *see* Hallgren, B. 90201
Sozzi, M. *see* Hallgren, B. 100956
Spaan, J.A.E. *see* Bos, L.J. 69974
Spaandonk, J.van *see* van Spaandonk, J.
Spaanenburg, L. *see* Barakova, E.I. 108355
Spaanenburg, L. *see* Diepenhorst, M. 62138
Spaanenburg, L. *see* Keegstra, H. 104758
Spaanenburg, L. *see* Nijhuis, J.A.G. 66962
Spaanenburg, L. *see* ter Brugge, M.H. 108512
Spaar, R.E. International standards are not dogmas: standards arise from collaboration in accordance with democratic rules of play 118195
Spacek, L. *see* Rachidi, T. 87087
Spack, H. *see* Drescher, G. 121788
Spada, M. *see* Bottalico, S. 68698
Spadaro, J.J. Overview: trends in prototype board fabrication 62466
Spadoni, M. *see* Bruzzone, P. 102174
Spadoni, M. *see* Libeyre, P. 95518
Spady, B.R. *see* McGahan, W.A. 115078
Spaedtke, P. *see* Bessler, U. 100748
Spaedtke, P. *see* Steck, M. 79832
Spaedtke, P. *see* Winkler, T. 79836
Spaepen, F. Effect of stress on the driving force for interdiffusion in amorphous Si-Ge multilayers 94516
Spaeth, J.-M. *see* Dietze, C. 95965
Spaeth, J.-M. *see* Rogulis, U. 95977
Spaeth, J.J., Pierce, L.K. Progress in PV:BONUS project 111838
Spaeth, J.M. Spin-dependent dynamical processes of excited states in semiconductors 74105
Spagna, R. *see* Gilbert, D. 87820
Spagna, S., Maple, M.B., Sager, R.E. Ultrahigh vacuum SQUID magnetometry study of the magnetic properties of Co/Co-oxide thin films 64369
Spagnolo, R. *see* Benedetto, G. 110468
Spagnolo, V. *see* Corvasce, C. 107339
Spagnuolo, G. *see* Cirillo, A. 121676
Spagnuolo, G. *see* Lupo, G. 81375
Spah, M. *see* Zha, X. 119956
Spahn, A., Kotz, W. Evolution of EWSD exchanges 98985
Spahn, W., Ress, H.R., Fischer, C., Ebel, R., Faschinger, W., Ehinger, M., Landwehr, G. Growth of pseudomorphic ZnSSe on Te terminated GaAs 92745
Spahn, W., Ress, H.R., Schuell, K., Ehinger, M., Hommel, D., Landwehr, G. The growth start on the heterovalent GaAs-ZnSe interface under Te, Se and Zn termination 72788
Spahn, W. *see* Becker, C.R. 74443
Spahn, W. *see* Schull, K. 96328
Spahr, J. *see* Bergman, L.A. 109585
Spajer, M. *see* Almeida, J. 114815
Spajer, M. *see* Bergossi, O. 94869
Spajic, D.S. Some possibilities of protection of synchronous generator in operation against dissymmetry 91465
Spak, M. *see* Yang, T.S. 105820
Spalding, I., Ciucas, A., Ionin, A., Jones, I., Leca, P., Malysh, M. EUROLASER activities and EU113 achievements in particular 107087
Spalding, I. *see* Ionin, A. 107116
Spalding, J., Dalton, D. A 200M sample/s 6b flash ADC in 0.6 μm CMOS 73476
Spaldonova, D., Nevesely, M. Interdigital surface acoustic wave transducer with stepped-finger geometry 115466
Spalek, D. Asymmetrical energy tensors of electromagnetic field [in synchronous machines] 71268
Spalek, J. *see* Ban, J. 69810
Spalek, O., Kodymova, J. Influence of arrangement of liquid jets on operation of jet singlet oxygen generator 116324
Spalek, O. *see* Kodymova, J. 107062
Spalek, O. *see* Kodymova, J. 116325
Spaletta, G. *see* Rizzoli, V. 93754
Spallas, J.P., Boyd, R.D., Britten, J.A., Fernandez, A., Hawryluk, A.M., Perry, M.D., Kania, D.R. Field emitter array patterning for large scale flat panel displays using laser interference lithography 74000
Spallas, J.P., Boyd, R.D., Britten, J.A., Fernandez, A., Hawryluk, A.M., Perry, M.D., Kania, D.R. Fabrication of sub-0.5 μm diameter cobalt dots on silicon substrates and photoresist pedestals on 50 cm×50 cm glass substrates using laser interference lithography 84260
Spallas, J.P., Huai, Y., Vernon, S., Fuchs, B., Law, B., Kania, D.R., Kroes, D., Thomas, M., O'Kane, D., Tan, Z.C.H. Perpendicular current giant magnetoresistance in 0.4 μm diameter Co-Cu multilayer sensors 119658
Spalthoff, U., Scherb, J., Korber, W., Ambrosy, A., Hehmann, J., Ferling, D., Rehm, W. Flip-chip-mounted pin-photodiode array for 2.5 Gbit/s-per-channel parallel optical interconnections 96071
Spalvieri, A., Luschi, C., Sala, R., Guglielmi, F. Stabilizing the fractionally spaced equalizer by prewhitening 77547
Spalvieri, A., Sandri, A., Mapelli, D. Codes for the peak power constrained channel 76755
Spalvieri, A. *see* Biglieri, E. 86037
Spalvieri, A. *see* Diamantini, C. 66722
Spalvieri, A. *see* Magarini, M. 117392
Spammer, S.J., Swart, P.L., Booysen, A. Interferometric distributed optical-fiber sensor 100072
Spammer, S.J. *see* Chtcherbakov, A.A. 79444
Spammer, S.J. *see* Swart, P.L. 79443
Span, G. *see* Oswald, J. 105402
Spandre, G. *see* Angelini, F. 69127
Spandre, G. *see* Angelini, F. 80046
Spandre, G. *see* Gong, W.G. 90142
Spang, D. *see* Goia, D. 93960
Spangenberg, B. *see* Barth, R. 110163
Spangenberg, B. *see* Koster, T. 62812
Spangler, J. *see* Krizmanic, J. 90167
Spangler, L., Kemp, C.J. A smart sensor for automotive passive restraint systems 112586
Spanias, A., Painter, E.M. A software tool for introducing speech coding fundamentals in a DSP course 60443
Spanias, A. *see* Darroudi, K. 97590
Spanias, A. *see* Kitsios, K. 117478
Spanias, A.S. *see* Nair, N.G. 77069
Spaniol, O., Fasbender, A., Hoff, S., Kaltwasser, J., Kassubek, J. Challenges for wireless networks and OSI 118314
Spaniol, O. *see* Federrath, H. 109369
Spanjaard, J. *see* Sherman, P. 117476
Spanner, M., Neifer, R., Welfonder, E. Fluctuations in capacity of wind power plants–development and packaging of a dynamic model 71195
Spano, P. *see* D'Ottavi, A. 85705
Spano, P. *see* Mecozzi, A. 96679
Spanoche, S.A. *see* Arsintescu, B.G. 115201
Spanos, C.J., Leang, S., Ma, S.-Y., Thomson, J., Bombay, B., Niu, X. A multistep supervisory controller for photolithographic operations 63510
Spanos, C.J. *see* Miranda, A.J. 94743
Spanos, C.J. *see* Palmer, E. 63500
Spanos, C.J. *see* Roawen Chen 94745
Spanos, C.J. *see* Sovarong Leang 63499
Spanos, C.J. *see* Yu, C. 115060
Spanos, G.A., Maples, T.B. Security for real-time MPEG compressed video in distributed multimedia applications 108449
Spanoudis, S.L. *see* Crow, J.D. 119221
Spanulescu, I. *see* Iftimia, N. 116369
Spany, V., Pivka, L. Dynamic properties of flip-flop sensors 113893
Sparck Jones, K. *see* Jones, G.J.F. 97653
Spark, S.N. *see* Garven, M. 105048
Sparkes, J.J. Matching assessment methods to learning goals 60500
Sparkman, O. *see* Johnson, G. 62457
Sparks, R., Meiskey, L., Brunner, H. An object-oriented approach to dialogue management in spoken language systems 66574
Sparks, R. *see* Haberl, J. 121917
Sparks, R.A. The applications of photonics to radar: a system designer's perspective 99668
Sparmann, U., Reddy, S.M. On the effectiveness of residue code checking for parallel two's complement multipliers 61861
Sparmann, U. *see* Uppaluri, P. 104481
Sparpaglione, M. *see* Sottini, S. 75401
Sparr, L.M. *see* Everett, D.F. 90675
Sparreboom, D., Punt, J., Prasad, R. Data broadcasting with feedback for wireless LANs 77995
Sparreboom, D. *see* Punt, J.B. 118920
Sparrow, G.R., Foley, J. Quantitative evaluation and control of surface chemistry affecting electronic devices. ISS and SIMS surface analysis 60710
Spartiotis, K. *see* Anticic, T. 90166
Sparvoli, G. *see* Celozzi, S. 65894
Sparvoli, R. *see* Barbiellini, G. 69722
Spaskov, V.N. *see* Aleev, A.N. 120186
Spasojevic, M. *see* Schneider, R. 116810
Spasov, A. *see* Grigorov, K.G. 95480
Spasov, A. *see* Nurgaliev, T. 106655
Spassova, I. *see* Zlatanova, K. 75400
Spassova, S.V. On a class of controllers for measurement, data acquisition and processing and process control 88943
Spassovsky, I.P. *see* Barroso, J.J. 94198
Spassovsky, I.P. *see* Yovchev, I.G. 105025
Spatenka, P., Brunnhofer, V. A new simple method for suppression of influence of RF plasma oscillations during Langmuir probe measurements 83683
Spath, D., Hartel, M., Tritsch, C. Recycling-oriented information management: a prerequisite for life cycle engineering 112842
Spath, H. Least-squares fitting by circles 92587
Spath, S. *see* Sahm, H. 82894
Spaulding, A.D., Liepa, V.V., Mohd, M.A. The roadway natural and man-made noise environment [and commentaries] 85885
Spaulding, G. *see* Towe, B.C. 79582
Spaziani, S.M. *see* Vaccaro, K. 63316
Spaziani, S.M. *see* Vaccaro, K. 100048
Spear, A.J. Progress report on Mars Pathfinder Project approach 80545
Spear, J.D., Russo, R.E. Low noise position sensitive detector for optical probe beam deflection measurements 89113
Spear, P.M. *see* Sittas, G. 82582
Spearman, P. *see* Horowitz, G. 64893
Spears, D.L. *see* Harman, T.C. 105352
Spears, E. *see* Glass, E. 83459
Spears, E. *see* Glass, E. 93789
Spears, E. *see* Ngo, D. 83496
Spears, F.M. *see* Brown, B.W. 113102
Specht, H.J. *see* Agakichiev, G. 69736
Specht, H.J. *see* Faschingbauer, U. 110557
Specht, H.von *see* von Specht, H.
Specht, M. *see* Maier, C.U. 112174
Specht, R. *see* Peters, R.-W. 119531
Speciale, N., Onofri, G., Graffi, S., Masetti, G., Palara, S., Privitera, G. A new DC model for five-terminals bipolar devices used in smart-power ICs 115163
Speciale, N., Onofri, G., Leone, A., Privitera, G. On the modelling of multiterminal bipolar devices for smart-power applications 115173
Speciale, R.A. Advanced design of phased-array beam-forming networks 108087
Speciner, M. *see* Kaufman, C. 117182
Speck, B.S. *see* Keusseyan, R.L. 89281
Speck, D. *see* Hirschberg, J.D. 104502
Speck, D.R. *see* Barker, C.E. 85432
Speck, D.R. *see* Murray, J.E. 96157
Speck, D.R. *see* Van Wonterghem, B.M. 85414
Speck, J. *see* Kaufhold, M. 121470
Speck, J.S. *see* Ching-Hui Chen 105380
Speck, J.S. *see* Zhao, L. 75037
Speck, R. *see* Gruhle, A. 62241
Speck, S. *see* Proops, J.L.R. 71014
Specka, A. *see* Amiranoff, F. 89645
Specka, A.E. *see* Amiranoff, F. 79838
Speckhofer, G. *see* Schmidt, H.-P. 104991
Specking, W. *see* ten Haken, B. 95557
Spector, C.J. *see* Jones, R.E., Jr. 115624
Spector, P.L. The Internet goes international: intellectual property considerations for industry 87811
Spee, R. *see* Beukes, H.J. 121761
Spee, R. *see* Brassfield, W.R. 112461
Spee, R. *see* Dongsheng Zhou 121940
Spee, R. *see* Mok, P.P. 121762
Spee, R. *see* van Zyl, A. 111583
Spee, R. *see* Zhu, W. 101738
Speer, M. Low-frequency data collection challenges acquisition envelope 68992
Spehn, D. *see* Palkert, T. 78289
Speidell, J.L. *see* Pulaski, D.P. 94857
Spektor, A.A. *see* Samsonov, A.N. 108276
Speliotis, D.E. Advanced MP^{++} and $BaFe^{++}$ tapes 106560
Speller, R.D. *see* Royle, G.J. 101262
Spellman, C., Haddad, A., Tong, Y.K., German, D.M., Waters, R.T. Monitoring of surge arresters 111676
Spelman, F.A. *see* Jolly, C.N. 101430
Spelt, J.K. *see* Moidu, A.K. 104219
Spelta, S. *see* Borghetti, A. 102430
Speltz, L.J. Personal communications satellite systems 88423
Spence, C., Sajda, P., Hsu, S., Pearson, J. Neural network/pyramid architectures that learn target context 77306
Spence, C.D., Sajda, P., Pearson, J.C. Extracting contextual information in digital imagery: applications to automatic target recognition and mammography 66874
Spence, D., Lykke, K.R. Generation of high purity CW proton beams from microwave driven sources 90096
Spence, D., McMichael, G., Lykke, K.R., Schneider, J.D., Sherman, J., Stevens, R., Jr., Hodgkins, D. Production of high-brightness continuous wave proton beams with very high proton fractions 69693
Spence, D.W., Pomeranz, B. Surgical wound healing monitored repeatedly in vivo using electrical resistance of the epidermis 80384
Spence, J. The information infrastructure: opportunities and decisions 87817
Spence, P. *see* Mazarakis, M.G. 89601
Spence, R. *see* Hua Su 60546
Spence, R. *see* Ruowen Rong 107804
Spence, W. *see* Adolphsen, C. 89648
Spence, W. *see* Alexandrof, V.A. 100628
Spence, W. *see* Bane, K. 89979
Spence, W. *see* Tenenbaum, P. 89675
Spence, W.L. *see* Minty, M.G. 79960
Spence, W.L. *see* Minty, M.G. 89870
Spencer, B.W. *see* Binder, J.L. 121300

Spencer, C. *see* Fieguth, T. 100708
Spencer, C.M. *see* Erickson, R. 89805
Spencer, E. *see* Dubbs, T. 80026
Spencer, E. *see* Dubbs, T. 100839
Spencer, E. *see* Dubbs, T. 100849
Spencer, E. *see* Unno, Y. 80035
Spencer, E. *see* Unno, Y. 100858
Spencer, E.T., Jr. *see* Dyck, R.H. 63958
Spencer, F.W. *see* Olin, B.D. 82810
Spencer, G.C.W. *see* Harrison, M.G. 75750
Spencer, G.T. *see* Chroni, E. 90540
Spencer, J., Irwin, J., Walt, D., Woods, M. The SLAC NLC extraction and diagnostic line 89666
Spencer, J. *see* Bane, K. 89979
Spencer, J. *see* Kwok, P. 89918
Spencer, J. *see* Norem, J. 100593
Spencer, J. *see* Raubenheimer, T.O. 89662
Spencer, J.E. Beam-beam effects and generalized luminosity 69634
Spencer, J.E. The SLC as a second generation linear collider 89656
Spencer, J.W. *see* Humphries, J. 69204
Spencer, J.W. *see* Lenway, S.A. 100188
Spencer, J.W. *see* Liu, W.D. 71559
Spencer, L. *see* Tye-Murray, N. 90601
Spencer, M.G. *see* Jayatirtha, H.N. 104134
Spencer, M.G. *see* Shields, V.B. 119777
Spencer, M.W. NASA Scatterometer near-real-time, value added products for meso/synoptic-scale marine forecasting 111254
Spencer, P.S. *see* Tang, J.M. 85514
Spencer, R. *see* Eastman, L.F. 96348
Spencer, R. *see* Ke Han 77555
Spencer, R.R. *see* Roo, P. 73582
Spencer, T., Olson, J.A., McHardy, K.C., Sharp, P.F., Forrester, J.V. An image-processing strategy for the segmentation and quantification of microaneurysms in fluorescein angiograms of the ocular fundus 110795
Spencer, T.A., Davis, C.E., Hendricks, K.J., Agee, F.J., Gilgenbach, R.M. Results from gyrotron backward wave oscillator experiments utilizing a high-current high-voltage annular electron beam 105062
Spencer, T.A., Peredo, R., Arman, M.J., Hendricks, K.J., Hackett, K.E., Sedillo, R., Ralph, D.L., Scott, M., Gilgenbach, R.M. Mode competition in a high current, high voltage gyro-BWO experiment 62633
Spencer, T.A. *see* Hendricks, K.J. 62592
Spencer, T.A. *see* Walter, M.T. 62634
Spencer, T.A. *see* Walter, M.T. 105063
Spencer, W.J., Seidel, T.E. National technology roadmaps: the U.S. semiconductor experience 84535
Spenkelink, G.P.J., Besuijen, K. Color contrast and luminance contrast in text displays 89398
Spens, K.E. *see* Tonnquist-Uhlen, I. 90521
Spentzas, C.N., Koulocheris, D.B. "PEV", a software to estimate the power and torque requirements and evaluate the performance of electric vehicles 71828
Spentzouris, L.K. *see* Colestock, P.L. 100631
Speranza, V. *see* Bucci, O.M. 85950
Speranzo, G., Bonato, P., Antolini, R. Analyzing late ventricular potentials 70162
Sperfeld, P., Raatz, K.-H., Nawo, B., Moller, W., Metzdorf, J. Spectral-irradiance scale based on radiometric black-body temperature measurements 88892
Speriosu, V.S. *see* Bland, A.C. 75204
Speriosu, V.S. *see* Lefakis, H. 64387
Sperisen, F. *see* Caussyn, D.D. 119984
Sperisen, F. *see* Crandell, D.A. 100780
Sperisen, F. *see* Phelps, R.A. 119990
Sperisen, F. *see* Wise, T. 120082
Sperlich, R. New film capacitors from Siemens Matsushita Components 93963
Sperlich, R. How to produce film capacitors with less or no waste of coating material 93965
Sperlich, R. *see* Lehmann, V. 93966
Sperlow, S. *see* Yost, T.A. 73766
Speroni, F. *see* De Munari, I. 113755
Spesivtsev, B. The determination of the cohesive force between layers in the multi layer materials using the laser adhesimeter 110391
Spesivtsev, B. *see* Gribin, S. 107480
Spesivtsev, B. *see* Gribin, S. 107675
Speth, J.A. *see* Marshall, C.D. 85246
Speth, R.R., Shohet, J.L., Booske, J.H., Gearhart, S.S., Liu, H., Mau, R. Examination of the effects of aluminum contamination for PSII fabricated diodes 114871
Spetz, G. Recent developments in heat ageing tests and equipment 72993
Speyer, J.L. *see* Douglas, R.K. 82305
Speziale, M., Jordan, K. The Northern Tier Rural Distance Learning Consortium: a higher education perspective 92057
Speziali, V. *see* Ardelean, J. 100916
Spezziga, M. *see* Angelini, F. 80046
Spezziga, M.A. *see* Angelini, F. 69127
Sphiris, N., Panayiotakis, G., Priomos, B., Likaki, H., Tzoracoleftherakis, E. Improved determination of breast cancer size in mammography 120357
Spiazzi, G., Malesani, L., Rossetto, L., Tenti, P., Pomilio, J.A., Bocchiola, C. High quality rectifier for resistive loads 112099
Spiazzi, G., Tenti, P., Maltavelli, P. High-quality rectifiers with high-frequency insulation–an overview 71497
Spiazzi, G. *see* Malesani, L. 102867
Spiazzi, G. *see* Pomilio, J.A. 81570
Spice, B. Look to the future for energy savings 121109
Spicer, D. *see* Tinniswood, A.D. 65811
Spicer, J.B. *see* Bernstein, J. 113576
Spicer, J.B. *see* Candy, J.V. 90870
Spicer, W., Jr. *see* Nolting, E. 69899
Spicer, W.E. *see* Herrera-Gomez, A. 62569
Spicer, W.E. *see* Herrera-Gomez, A. 74100
Spicer, W.E. *see* Vergara, G. 94179
Spicher, J., Klepser, B.-U.H., Beck, M., Rudra, A., Sachot, R., Ilegems, M. A 20-Gbit/s monolithic photoreceiver using InAlAs/InGaAs HEMT's and regrown p-i-n photodiode 109630
Spicher, J., Rudra, A., Beck, M., Sachot, R., Ilegems, M. CBE regrown InGaAs-InP p-i-n photodiodes for OEICs 85281
Spicher, J. *see* Klepser, B.-U.H. 78677
Spicher, J. *see* Klepser, B.-U.H. 107023
Spicher, J. *see* Ren, L. 104825
Spichiger, A. *see* Grabowski, J. 118736
Spicka, H., Griesser, M., Hutter, H., Grasserbauer, M., Bohr, S., Haubner, R., Lux, B. Investigations of the incorporation of B, P and N into CVD-diamond films by secondary ion mass spectrometry 72931
Spickermann, R., Peters, M.G., Dagli, N. A polarization independent GaAs-AlGaAs electrooptic modulator 64797
Spickermann, R., Sakamoto, S., Peters, M., Dagli, N. GaAs/AlGaAs electrooptic modulator with novel electrodes and bandwidth in excess of 40 GHz 64804
Spickermann, R., Sakamoto, S.R., Peters, M.G., Dagli, N. GaAs/AlGaAs travelling wave electro-optic modulator with an electrical bandwidth >40 GHz 75572
Spiecker, H. *see* Nielsen, T. 69539
Spiegel, S.J. Carrier recombination in single and double heterojunction bipolar transistors 94934
Spieker, S., Jentgens, C., Boose, A., Dichgans, J. Reliability, specificity and sensitivity of long-term tremor recordings 90543
Spieker, S. *see* Boose, A. 110851
Spiekermann, M. *see* Armerding, W. 111219
Spiekman *see* Diemeer, J. 78653
Spiekman, L.H., Amersfoort, M.R., De Vreede, A.H., van Ham, F.P.G.M., Kuntze, A., Pedersen, J.W., Demeester, P., Smit, M.K. Design and realization of polarization independent phased array wavelength demultiplexers using different array orders for TE and TM 78883
Spiekman, L.H. *see* Staring, A.A.M. 96384
Spiekman, L.H. *see* van Dam, C. 106833
Spielbauer, R. *see* Moreira, A. 68564
Spieler, H. *see* Unno, Y. 80035
Spieler, H. *see* Unno, Y. 100858
Spielman, B.E., Chen, L.G. A full-wave analysis for microwave, planar, distributed discontinuities 97239
Spielman, B.E. *see* Krause, K.E. 92202
Spielman, C. *see* Stingl, A. 116465
Spielman, D.A. Faster isomorphism testing of strongly regular graphs 92459
Spielmann, C., Lin Xu, Szipocs, R., Krausz, F. Sub-10fs Ti:sapphire lasers 116445
Spielmann, C. *see* Lin Xu 96208
Spielmann, C. *see* Yamakawa, K. 107187
Spielmann, Ch. *see* Stingl, A. 107189
Spiering, C. Cherenkov imaging and timing techniques in astroparticle physics 69721
Spiering, C. Status of the Lake Baikal telescope 80110
Spiering, V.L., Berenschot, J.W., Elwenspoek, M., Fluitman, J.H.J. Sacrificial wafer bonding for planarization after very deep etching 64003
Spiering, V.L. *see* Lammerink, T.S.J. 74957
Spierings, W. *see* Van Nuland, E. 96752
Spiers, A. *see* Schreurs, D. 115253
Spiesman, W.J. *see* Jo, Y.G. 72999
Spiess, L., Nennewitz, O., Pezoldt, J. Improved ohmic contacts to p-type 6H-SiC 105473
Spigo, G. *see* Ahlback, J. 90044
Spijker, M.N. Stiffness in numerical initial-value problems 92623
Spika, Z. *see* Protzmann, H. 103889
Spika, Z. *see* Zimmermann, G. 61223
Spikings, C.R. *see* Anderson, N.C. 106973
Spila, E. *see* Clemente, A. 114342
Spilevoi, B.N. *see* Chtchoupak, O.S. 76095
Spiliopoulos, I., Berger, G., Marode, E., Rowe, S.W., Bernard, G. Gaseous additives effect on SF_6 recovery characteristics 81609
Spillantini, P. *see* Barbiellini, G. 69722
Spillard, C., Pennock, S.R., Shepherd, P.R., Burchett, M.H. An improved equivalent circuit representation of stripline step in width discontinuities 73626
Spillard, C., Povey, G. Application of the Prony algorithm to predictive RAKE receivers in a multipath environment 78469
Spiller, D.M. *see* Yang, Y. 106671
Spiller, D.O. *see* Donaldson, J.D. 65363
Spiller, D.O. *see* Donaldson, J.D. 109628
Spiller, J. *see* Elders, I.M. 111478
Spiller, T.P. *see* Diggins, J. 106684
Spiller, T.P. *see* Prance, R.J. 106683
Spillman, D. *see* Benton, R. 86259
Spillman, W.B., Jr., Sirkis, J.S., Gardiner, P.T. Smart materials and structures: what are they? 72979
Spinale, F.G. *see* Hansen, S.B. 70234
Spindler, G. *see* Renz, G. 96548
Spindt, C.A., Holland, C.E., Schwoebel, P.R., Brodie, I. Maximizing field-emitter-array transconductance for microwave applications 74005
Spindt, C.A., Holland, C.E., Schwoebel, P.R., Brodie, I. Field-emitter-array development for microwave applications 83743
Spinei, A. *see* Pellerin, D. 98064
Spinel, V.S., Andrianov, V.A., Kozin, M.G. Present-day status of cryogenic detectors 90158
Spinella, C. *see* Campisano, S.U. 62670
Spinella, C. *see* Grimaldi, M.G. 113331
Spinella, C. *see* Kyllesbech Larsen, K. 94659
Spinella, C. *see* Priolo, F. 94710
Spinella, F. *see* Belforte, S. 90230
Spinella, F. *see* Belforte, S. 100984
Spinelli, A. Power electronics: discrete or integrated? 61645
Spinelli, A. The Flex 10 K family of programmable logic devices 61710
Spinelli, A. The testing of 16-bit A/D convertors 61983
Spinelli, A. The surface-emitting laser 107335
Spinelli, A. Frequency inverters based on microcontrollers 121923
Spinelli, P. *see* Barbiellini, G. 69722
Spinhirne, J.D. *see* Galbraith, A.E. 120795
Spinhirne, J.D. *see* Reagan, J.A. 120764
Spini, M. *see* Cornaglia, B. 88073
Spini, M. *see* Cornaglia, B. 99406
Spinka, H., Vaandering, E.W., Hofmann, J.S. A possible method to produce a polarized antiproton beam at intermediate energies 119976
Spinka, H. *see* Huang, H. 119985
Spinks, M. *see* Bignall, R.J. 73310
Spinks, T.J. *see* Bloomfield, P.M. 101339
Spinney, T., Sorensen, A.N. Satellite data system architectures: a comparison of architecture performance 80720
Spinning, M. *see* Papachristou, C. 83074
Spinolo, G. *see* Martini, M. 74496
Spinolo, G. *see* Martini, M. 105517
Spirakis, P. *see* Bouras, C. 99751
Spirakis, P. *see* Bouras, C. 109241
Spiridenkov, E.M. *see* Akesson, T. 69833
Spiridonov, K.A. *see* Galushkin, M.G. 96593
Spiridonov, K.I. *see* Dmitriev, S.G. 94583
Spiridonov, R.V. *see* Khapalov, V.V. 75277
Spiridonov, S.B. *see* Belyaev, A.A. 75811
Spiridonov, S.B. *see* Belyaev, A.A. 116307
Spirig, T., Seitz, P., Vietze, O. Smart CCD image sensors for optical metrology and machine vision 110220
Spirit, D.M. *see* Gu, X. 109677
Spirito, P. Educational issues for power semiconductor devices 63517
Spirito, P. *see* Bernini, R. 83792
Spirito, P. *see* Daliento, S. 114580
Spirito, P. *see* Fratelli, L. 94937
Spirito, P. *see* Pica, S. 82953
Spirito, P. *see* Pica, S. 105891
Spirito, P. *see* Stojadinovic, N. 61631
Spiro, M. *see* Cribier, M. 110538
Spiropulu, M. *see* Zimmermann, S. 79258
Spiropulu, M. *see* Zimmermann, S. 100857
Spirou, S. *see* Chen-Shou Chui 80444
Spitkovsky, A. *see* Chen, P. 69635
Spitsyn, B.V. *see* Arkhipov, I.I. 62684
Spitz, J. *see* Neudeck, G.W. 92683
Spitz, P., Donovan, G.C. Design for test for printed circuit assemblies 94025
Spitzer, A. *see* Bierhenke, H. 113691
Spitzer, A. *see* Lehmann, V. 93957
Spitzer, A. *see* Lehmann, V. 93966
Spitzer, C. Review of probabilistic safety assessments: insights and recommendations regarding further developments 81233
Spitzer, M. *see* Dolny, G. 69396
Spitzer, M. *see* Khormaei, R. 89376
Spitzer, M.B., Vu, D.-P., Gale, R.P. Applications of circuit transfer technology to displays and optoelectronic devices 85341
Spivak, C.W. *see* Ngai, T. 113854
Spivak, L. *see* Gitelson, A. 120885
Spizzichino, F. *see* Clarotti, C.A. 112829
Splain, C.G., O, K.K. Ultra low voltage complementary metal oxide semiconductor (ULV-CMOS) circuits: bulk CMOS operation below threshold (V_{TO}) 104435
Splett, A. *see* Pietzsch, J. 99482
Splett, A. *see* Presting, H. 64975
Splett, A. *see* Presting, H. 116267
Splett, A. *see* Schuppert, B. 116096
Splettstosser, J. *see* Guttich, U. 93914
Splettstosser, J. *see* Wenger, J. 83492
Splichal, M. *see* Barna, G.G. 63392
Spliethoff, H. *see* Gerhardt, T. 102440
Spliethoff, V.H. Investigations and developments of acoustic pyrometric temperature measurement procedures on two pulverized coal-fired plants 121367
Splingart, B. *see* Boudart, B. 74756
Splitt, G. *see* Franz, M. 97335
Spock, D.E. *see* Scobey, M.A. 88048

Spock, D.E. *see* Sharp, R.C. 75856
Spock, D.E. *see* Sharp, R.C. 116414
Spoddig, D., Schreiber, F., Pflaum, J., Pelzl, J., Wang, Q., Zabel, H. Ferromagnetic resonance of sputtered Co/Mn multilayers 64370
Spoelder, H. *see* Petriu, E.M. 108349
Spoelder, H.J.W. *see* Vos, F.M. 110659
Spohr, K.-M. Spektroskopie der schweren neutronenarmen Kerne ^{189}Pb und ^{199}At, sowie des Kerns ^{57}Ni und Entwicklung eines Detektors fur Verdampfungsrestkerne (Spectroscopy of the heavy neutron-deficient nuclei ^{189}Pb and ^{199}At and the nucleus ^{57}Ni and development of a detector for evaporation residual nuclei) 120216
Spohr, R. *see* Hjort, K. 74942
Spoleder, F., Gieschen, N., Herber, R., Jacobs, B., Pollakowski, M., Ziemann, O., Orth, B. Full service access network 98921
Spoliansky, D. *see* Ladabaum, I. 111363
Spoljar, G. A logical simulator as an aid in design and test method development 73064
Spolnik, Z.M. *see* Firszt, F. 74185
Spong, M. *see* Bishop, B. 108680
Sponholz, P. *see* Campion, R. 69727
Spooner, C. *see* Murphy, C.F. 94148
Spooner, E., Williamson, A.C., Catto, G. Modular design of permanent-magnet generators for wind turbines 121407
Spooner, E. *see* Chalmers, B.J. 111871
Spooner, E. *see* Chen, Z. 111855
Spooner, E. *see* Chen, Z. 121413
Spooner, E. *see* Westlake, A.J.G. 71214
Spooner, N.J.C., Davies, G.J., Lally, C.H., Smith, N.J.T., Smith, P.F., Lewin, J.D., Squier, G.T.A., Jagpal, P. Measurement of Na and I recoil discrimination and detection efficiency in a cooled "UVIS" NaI detector for dark matter searches 100840
Spoor, S. *see* Duke, S. 81887
Spooren, R. *see* Nese, M. 88994
Sporea, D.G., Dumitru, G. Analytical and computational models for a laser radiation field scattered by rough surfaces 85880
Sporea, D.G. *see* Miron, N. 79709
Sporer, R. *see* Ram, R.J. 97369
Sporken, R. *see* Faurie, J.P. 92743
Sporken, R. *see* Sivananthan, S. 74169
Sporken, R. *see* Wang, L. 94487
Sporkman, T. *see* Rosario, M.J. 83436
Sporkmann, T. *see* Gao, Y. 93824
Sporkmann, T. *see* Hopf, B. 73646
Sporkmann, T. *see* Kother, D. 114314
Sporkmann, T. *see* Kulke, R. 62328
Sporkmann, T. *see* Kulke, R. 83483
Sporkmann, T. *see* Pogatski, P. 62327
Sporkmann, T. *see* Roth, B. 69006
Sporkmann, T. *see* Roth, B. 100284
Sporkmann, Th. *see* Kulke, R. 83455
Sporykhin, A.A. *see* Ryabyi, V.A. 63377
Sposili, R.S. *see* Im, J.S. 100251
Spoto, L.M. *see* Jeong, T.H. 96785
Spracklen, C.T. Protocols for the on-board processing era 78590
Sprangle, P., Esarey, E., Krall, J. Laser driven electron acceleration in vacuum, gases, and plasmas 69661
Sprangle, P. *see* Esarey, E. 79767
Sprangle, P. *see* Ting, A. 96478
Spratt, G.W.D. *see* Anoikin, T.V. 115824
Spratt, G.W.D. *see* Kampf, J.P. 64432
Spratt, G.W.D. *see* Pan, T. 106545
Spratt, G.W.D. *see* Tao Pan 115678
Spray, A. *see* Lang, R. 93398
Sprehn, D. *see* Becker, U. 83763
Sprehn, S. *see* Moran, A. 73461
Sprehn, S. *see* Moran, A. 104597
Spreiter, Q. *see* Seurer, M. 79833
Spreiter, R. *see* Bosshard, Ch. 85655
Spreitzer, H. *see* Hanack, M. 116276
Spreng, D. *see* Ospelt, C. 91061
Sprengel, D. Nickel cadmium aircraft batteries for special applications 81727
Sprengel, W., Nakajima, H., Oikawa, H. Single-phase interdiffusion in TiAl and Ti_3Al intermetallic compounds 113515
Sprengepiel, J. *see* Bohm, C. 60569
Sprengepiel, J. *see* Bohm, C. 73769
Sprengepiel, J. *see* Bohm, C. 79661
Sprengepiel, J. *see* Bohm, C. 93896
Sprengepiel, J. *see* Bohm, C. 119848
Sprevak, D., Ferguson, R.S., Walton, A.J., Fallen, N., Newsam, M.I. Screening of variables for the empirical modelling of semiconductor devices 106171
Sprey, M.A. *see* Bird, T.S. 76620
Spriggs, D. *see* Sermon, P.A. 85245
Spriggs, D. *see* Vong, M.S.W. 85553
Spriggs, D.M., Sermon, P.A., Vong, M.S.W., Sun, Y. Laser damage studies of tantala and zirconia sol-gel coatings 107473
Spriggs, G.D. *see* Busch, R.D. 81273
Sprigings, G. Water analysis on tap 60570
Spring, A., Unger, H. Identification technique for recursive multirate systems without numeric root calculation 66759
Springer, H. *see* Nyilas, A. 103426
Springer, L.X. *see* Corsi, M. 62050
Springer, R. *see* Irmscher, M. 105806
Springholz, G., Bauer, G. Study of misfit-dislocation formation in strained-layer heteroepitaxy using ultrahigh vacuum scanning tunneling microscopy 72847
Springholz, G., Bauer, G., Holy, V. Scanning-tunneling-microscopy observation of stress-driven surface diffusion due to localized strain fields of misfit dislocations in heteroepitaxy 103886
Springholz, G., Frank, N., Bauer, G. Surface modifications in strained-layer heteroepitaxy studied by UHV-scanning tunneling microscopy 61256
Springsteel, F. *see* Almstrum, V.L. 103337
Spritzer, C.E. *see* Summers, R.M. 69984
Spronck, J.W. *see* Xiujun Li 69056
Sprosser, T., Gissinger, G.L. Continuous and discrete time identification for fault detection 103521
Sproston, J.L. *see* Stanway, R. 104196
Sproul, A.B. *see* Honsberg, C.B. 103006
Sproul, A.B. *see* Wenham, S.R. 102999
Sproul, A.B. *see* Zheng, G.F. 81903
Sproule, G.I. *see* Lafontaine, H. 82636
Sproule, G.I. *see* Schmuki, P. 63380
Sproule, G.I. *see* Schmuki, P. 69494
Spruce, C.J., Dexter, A.L. Optimal power set point curves for wind turbines 102575
Spruijt, C. Call center management 108968
Sprunck, M., Regulla, D., Fill, U. TL measurements with computerised glow curve analysis in clinical dosimetry 120567
Sprunck, M. *see* Fill, U. 120563
Spruyt, J.A. Measurement and theory of diffraction 65857
Spruyt, P.M.P. *see* Mestdagh, D.J.G. 117919
Spry, R.J. *see* Bai, S.J. 85056
Spurgen, W. *see* Briles, S. 101551
Spurgin, A.J. *see* Bareith, A. 71050
Spurio, M. *see* Barbarino, G.C. 80097
Spurlin, C., Mahler, T., Risinger, V., Hall, G. The buffered memory crossbar (BMX) chip 61992
Spurlin, J. *see* Aintablian, H. 111898
Spurlin, J. *see* Javan, H. 107970
Spurny, F., Votockova, I. Bubble damage neutron detector responses in some reference neutron fields 110965
Spurny, F., Votockova, J., Turek, K., Nguyen, V.D., Bottollier-Depois, J.F. Response of different dosimetry systems in high energy reference fields at the SPS accelerator at CERN 101462
Spurny, F. *see* Bamblevski, V.P. 80019
Spurny, Z. *see* Pernicka, F. 80531
Sputz, S.K. *see* Hybertsen, M.S. 96350
Spuy, O.Van Der *see* Van Der Spuy, O.
Spychala, H.B. *see* Bretelle, J.-L. 71104
Spyker, R.L., Nelms, R.M., Merryman, S.L. Evaluation of double layer capacitors for power electronic applications 62382
Spyra, W.J.T. *see* Higgins, W.E. 80274
Spyrellis, N. *see* Bouroushian, M. 113405
Spyropoulos, B. Radiological protection policy aspects concerning the preliminary design and operation modus of the Athens RT microtron facility 89614
Spyrou, T. *see* Katsikas, S. 78067
Squarcia, S. *see* Adam, W. 69709
Squatrito, J., Nanez, R., Jr., Keeton, D. An evaluation of ULPA/pre-filter media for the reduction of airborne boron contamination 63190
Squier, G.T.A. *see* Spooner, N.J.C. 100840
Squier, J. *see* Kane, S. 106774
Squier, J. *see* Tien, A.-C. 79742
Squier, J.A. *see* Barty, C.P.J. 96233
Squier, J.A. *see* Schafer, K.J. 107493
Squier, J.A. *see* Yamakawa, K. 107442
Squier, T. *see* Barty, C.P.J. 65135
Squillante, M. *see* Redus, R. 90151
Squillante, M. *see* Redus, R. 101035
Squillante, M.R. *see* Bennett, P.R. 101281
Squillante, M.R. *see* Guru, S.V. 120181
Squillante, M.R. *see* Shah, K.S. 80048
Squire, P.T., Atalay, S., Slawska-Waniewska, A. Effects of annealing on the magnetoelastic properties of $Fe_{66}Cr_8Cu_1Nb_3Si_{13}B_9$ ribbons 115573
Squyres, J.M. *see* Lumsdaine, A. 74666
Srairi, K., Feliachi, M., Develey, G. Numerical and experimental studies of a linear electromagnetic actuator supplied by capacitor discharge voltage 102758
Sramek, M. *see* Bajla, I. 90302
Sramkova, J. *see* Lostak, P. 74312
Srbljic, S. *see* Brown, S. 82891
Srdic, I. *see* Zovko-Cihlar, B. 78215
Srebro, R. Iterative refinement of the minimum norm solution of the bioelectric inverse problem 70107
Srebro, R. A modified boundary element method for the estimation of potential fields on the scalp 70142
Srebro, R. *see* Ghaleb, I. 70136
Sredniawski, J.J. *see* Melnychuk, S.T. 69694
Sreedhar, N. *see* Navathe, C.P. 85558
Sreedharan, V.P. *see* Nikolopoulos, P.V. 82520
Sreehari, M. *see* Choudhury, M.K. 68684
Sreekantaswamy, M.S., Narayanan, T.S., John, D., Suryanarayana Rao, K.N., Pal, S. An externally biased step recovery diode multiplier 114160
Sreemoolanadhan, H., Sebastian, M.T., Mohanan, P. Dielectric resonators in $BaO\text{-}Ln_2O_3\text{-}5TiO_2$ system (Ln=La, Pr, Nd, Sm) 72957
Sreemoolanadhan, H. *see* Solomon, S. 114226
Sreenan, C.J. Resource management system for a broadband multipoint bridge 98671
Sreenan, C.J., Narendran, B., Agrawal, P., Shivakumar, N. Internet stream synchronization using Concord 87673
Sreenivas, K. *see* Senthikumaran, N. 115903
Sreenivas, K. *see* Tyunina, M. 92923
Sreenivas, T.V., Kirnapure, P. Codebook constrained Wiener filtering for speech enhancement 108230
Sreenivasan, K.K., Srinath, M.D., Khotanzad, A. Automated vision system for inspection of IC bonds 60688
Sri Krishna, K. Transfer of RLU in E-10B exchange from local to DTAX cum local 78280
Sri Ranga, A., de Andrade, E.X.L., Phillips, G.M. Associated symmetric quadrature rules 82537
Sridevan, S., Misra, V., McLarty, P.K., Baliga, B.J., Wortman, J.J. High quality oxides on 6H-silicon carbide using rapid thermal chemical vapor deposition 105719
Sridevi, M.R. *see* Srikanth, T. 70148
Sridevi, P.V. *see* Rao, P.M. 76641
Sridhar, B. *see* Chatterji, G.B. 120621
Sridhar, B. *see* Sull, S. 86405
Sridhar, C.S. *see* Nair, K.G. *(editor)* 112747
Sridhar, K. *see* Abdul Latheef, G. 76486
Sridhar, K.S. *see* Kumaravel, N. 70150
Sridhar, N. *see* Wallace, R.L. 112376
Sridhar, R. The degree of an exact order matrix 113059
Sridhar, R., Rosenberg, C., Kumar, A. Revenue maximisation in ATM networks using the CLP capability and buffer priority management 77644
Sridhar, R. *see* Enrique Fernandez, G. 93337
Sridhar, R. *see* Kim, S. 95117
Sridhar, R. *see* Seokjin Kim 73257
Sridhar, S., Baliga, B.J. CRMGT: a MOS-gated power switch 105927
Sridhar, S., Baliga, B.J. The SIMEST: a new EST structure without parasitic thyristor achieved using SIMOX technology 105935
Sridhar, S., Baliga, B.J. Improved BRT structures fabricated using SIMOX technology 115176
Sridhar, S., Baliga, B.J. Improved smart power discrete devices fabricated using SIMOX technology 115185
Sridhar, S., Chou, K.C., Pal, U.B. Evaluation of the thermodynamics and kinetics of catalytic steam reforming over SOFC anode materials 81868
Sridhar, S. *see* Gavish, B. 68130
Sridhar, S. *see* Sawant, S. 105937
Sridhar, S. *see* Thomas, P. 64158
Sridhar, V. *see* LeBlanc, L.J. 109120
Sridhar Kumar, M.P. *see* Wenlin Zhang 71661
Sridhara, S. *see* Kimoto, T. 104049
Sridhara Rao, G. *see* Yegna Narayanan, S.S. 81347
Sridhara Rao, G. *see* Yegna Narayanan, S.S. 111954
Sridhara Rao, G. *see* Yegna Narayanan, S.S. 111956
Sridharan, K. *see* Conrad, J.R. 63249
Sridharan, K. *see* Kissick, M.W. 63248
Sridharan, S. *see* Boashash, B. 60448
Sridharan, S. *see* Cao, Y. 86127
Sridharan, S. *see* Castellano, P. 76865
Sridharan, S. *see* Meiyappan, S.S. 108452
Sridharan, S. *see* Slomka, S. 117268
Sridharan, V., Mohanavadivu, P. Some characteristics of system reliability for two dissimilar units with common-cause failures and human errors 103522
Srihari, K. *see* Chien-Hsing Wu 62488
Srihari, K. *see* Chien-Hsing Wu 94096
Srihari, K. *see* Chung, C.-W. 73877
Srihari, K. *see* Huang, C.-Y. 62478
Srihari, K. *see* Huang, C.-Y. 104958
Srihari, K. *see* Ku, A. 104947
Srihari, K. *see* Nagarajan, K. 104928
Srihari, K. *see* Shih, W. 62480
Srihari, K. *see* Shih, W. 83592
Srihari, K. *see* Thomas, S. 94078
Srihari, K. *see* Venkateswaran, S. 94077
Srihari, S.N. *see* Govindaraju, V. 66887
Srihari, S.N. *see* Hong, T. 66881
Srihari, S.N. *see* Tao Hong 66880
Srikanta *see* Jayaram, N. 101403
Srikantan, G. *see* Hong, T. 66881
Srikanth, C. *see* Biswas, N.N. 92377
Srikanth, K. *see* Mohan, R. 76592
Srikanth, P., Srinivas Rao, M., Vidyasagar, J.V.S. Polypropylene orthotics in rehabilitation of post polio residual paralysis 120523
Srikanth, T., Reddy, M.R.S., Prabhakar, D., Sridevi, M.R. Correlation of autonomic function tests to the HRV signal analysed using short time Fourier transform 70148
Srikantiah, R.V. *see* Sahoo, D. 82583
Srimani, P.K. *see* Antonoiu, G. 77719
Srinath, M. *see* Bailey, R.R. 66934
Srinath, M.D. *see* Sreenivasan, K.K. 60688
Srinath, M.D. *see* Vaidyanathan, B. 117068
Srinath, R. *see* Malik, S.K. 83652
Srinidhi, S.M., Brooks, D.E., Lin, S.C., Lopez, I. Remote engine inlet simulation over ACTS: why aren't we there yet? 88435
Srinitiwarawong, C. *see* Tang, I.M. 95354
Srinivas, B. EC OMC-features, architecture and maintenance 77864
Srinivas, K. *see* Nageswara Rao, K. 73852

Srinivas, L., Hari, K.V.S. FIR system identification based on subspaces of a higher order cumulant matrix 76977
Srinivas, M., Patnaik, L.M. On generating optimal signal probabilities for random tests: a genetic approach 93272
Srinivas, M.A. *see* Ramamurthi, B. 66246
Srinivas, M.B., Asada, K., Nagao, M., Kosaki, M. On high field dielectric loss tangent of commercial liquid nitrogen 75053
Srinivas, M.K., Agrawal, V.D., Bushnell, M.L. Functional test generation for path delay faults 61776
Srinivas, M.K., Jacob, J., Agrawal, V.D. Functional test generation for synchronous sequential circuits 73272
Srinivas, M.K. *see* Pappu, L. 93333
Srinivas, P. *see* Palanivel, S. 112446
Srinivas, S. *see* Gupta, G. 88003
Srinivas, T. *see* Balasubramanian, R. 64736
Srinivas, T.A.S., Timans, P.J., Ahmed, H. A high-performance infrared detector using MOS technology 89086
Srinivas, T.A.S. *see* Chong, N. 65413
Srinivas Manohar, C. *see* Agarwal, A. 110780
Srinivas Rao, M. *see* Srikanth, P. 120523
Srinivasa, K.M. *see* Maruthi, R. 70946
Srinivasa, N., Sharma, R. Robotic applications of VAM-based invariant representation for active vision 98040
Srinivasa, N. *see* Hiregange, A. 98098
Srinivasa, N. *see* Sancheti, N.K. 98953
Srinivasa, N. *see* Subramaniyan, R. 86286
Srinivasa Rao, K. *see* Mohan, R. 76592
Srinivasa Rao, M., Govindarajan, M., Lal, R. Low-cost RF spectrum analyser 99885
Srinivasa Rao, T.S.S., Gupta, U.C. On the GI/M(n)/1/K queue–an alternative approach 72427
Srinivasamurthy, N. *see* Sharma, S.K. 121881
Srinivasan, A. Non-orthogonal decoding: An architectural element for reprogrammable interconnect or logic 104525
Srinivasan, A., Malik, S. Practical analysis of cyclic combinational circuits 113859
Srinivasan, A.V. Smart biological systems as models for engineered structures 69912
Srinivasan, B., Rao, N.J., Prasad, U.R., Pittet, A. A new control scheme for improving disturbance rejection in speed control of permanent magnet synchronous motors 81425
Srinivasan, B. *see* Amrhein, M. 68960
Srinivasan, C., Radhakrishna Rao, K. A 20 MHz; CMOS variable gain amplifier 93158
Srinivasan, D., Hoole, S.R.H. Magnetic shape optimization using evolutionary algorithm 97009
Srinivasan, D., Ratnajeevan, S., Hoole, H. Fuzzy multiobject optimization for the starting design of a magnetic circuit 65750
Srinivasan, G.K. Stresses on AC motor winding insulation when fed from PWM inverters 81477
Srinivasan, G.R. Modeling the cosmic-ray-induced soft-error rate in integrated circuits: An overview 74806
Srinivasan, G.R. *see* Murley, P.C. 74807
Srinivasan, K. RMS fluctuations attributable to a single customer 91001
Srinivasan, K. *see* Jutras, R. 81064
Srinivasan, K. *see* Kattakayam, T.A. 112615
Srinivasan, K. *see* Noah, M. 88021
Srinivasan, M., Sarwate, D.V. Simple schemes for parallel acquisition of spreading sequences in DS/SS systems 99090
Srinivasan, M. *see* Kolbehdari, M.A. 107713
Srinivasan, M. *see* Panchal, C.G. 104204
Srinivasan, M. *see* Sinha, A. 90180
Srinivasan, M. *see* Sinha, A. 104234
Srinivasan, M.P. *see* Raman, S. 70568
Srinivasan, M.V. *see* Chahl, J. 86666
Srinivasan, N., Kimura, T., Kiriyama, H., Nishida, K., Owaki, S., Yamanaka, M., Izawa, Y., Nakai, S., Yamanaka, C. Tunable near-infrared and visible all-solid-state optical parametric oscillator amplifier system based on potassium titanyl phosphate crystal 116663
Srinivasan, N., Kimura, T., Kiriyama, R., Yamanaka, R., Izawa, Y., Nakai, S., Yamanaka, C. Bandwidth narrowing of an all-solid-state optical parametric oscillator amplifier system 85706
Srinivasan, N. *see* Jeffery, P. 61996
Srinivasan, N. *see* Kiriyama, H. 96696
Srinivasan, N. *see* Saravanan, R. 62707
Srinivasan, R., Gopalan, P. Nanometer ordering of electrochemical deposits of copper by organic additives 61314
Srinivasan, R., Kinser, J., Schamschula, M., Shamir, J., Caulfield, H.J. Optical syntactic pattern recognition by fuzzy scoring 77395
Srinivasan, R. *see* Marhas, M.K. 99864
Srinivasan, R. *see* Patnaik, L.M. 111047
Srinivasan, R. *see* Quesada, P.M. 80489
Srinivasan, S., Aylor, J.H. Digital circuit testing on a network of workstations 61726
Srinivasan, S. *see* Adzic, G.D. 71642
Srinivasan, S. *see* Khan, M.E. 101672
Srinivasan, S. *see* Kumar, M.P.S. 71651
Srinivasan, S. *see* Mukerjee, S. 71643
Srinivasan, S. *see* Nagaraj, H.C. 120446
Srinivasan, S. *see* Vijaya Krishna, G. 120277
Srinivasan, S. *see* Wasz, M.L. 112297
Srinivasan, S. *see* Wenlin Zhang 71661
Srinivasan, T. *see* Mehta, S.K. 107340
Srinivasan, V. *see* Kumar, T. 113679
Srinivasan, V. *see* McCaslin, S. 93405
Srinivasan, V. *see* Narasimhan, N. 104509
Srinivasan, V. *see* Nguyen, T. 87654
Srinivasan, V. *see* Onvural, R.A. 87824
Srinivasan, V. *see* Seshadri, S. 98366
Srinivasan Dipti *see* Dipti Srinivasan
Srinivasan Nair, S.K. *see* Nagesh, D.S. 110927
Srinivasan-Rao, T. *see* Wang, X.J. 89699
Srinivasan-Rao, T. *see* Wang, X.J. 96485
Srinvasan, M.M., Gupta, D. When should a roving server be patient? 82375
Sripada, S., Unsworth, J., Krishnamurty, M., Ng, Y.S. PZT/polymer composites for medical ultrasound 75025
Sriram, A., Kurdahi, F.J. Behavioral modeling of an ATM switch using SpecCharts 98406
Sriram, G. *see* Anand, S.S. 99269
Sriram, R., Francos, J.M., Pearlman, W.A. Texture coding using a Wold decomposition model 108502
Sriram, R.D. *see* Pena-Mora, F. 87872
Sriram, S., Augustine, G., Burk, A.A., Glass, R.C., Hobgood, H.M., Orphanos, P.A., Rowland, L.B., Smith, T.J., Brandt, C.D., Driver, M.C., Hopkins, R.H. 4H-SiC MESFET's with 42 GHz $f_{\max}$ 83385
Sriram, S., Barron, R., Morse, A.W., Smith, T.J., Augustine, G., Burk, A.A., Jr., Clarke, R.C., Glass, R.C., Hobgood, H.M., Orphanos, P.A., Siergiej, R.R., Brandt, C.D., Driver, M.C., Hopkins, R.H. High efficiency operation of 6-H SiC MESFETs at 6 GHz 62274
Sriram, S., Messham, R.L., Smith, T.J., Eldridge, G.W. Improvement of RF performance of GaAs/Si MESFETs using buried oxygen implantation 62235
Sriram, S. *see* Brandt, C.D. 104054
Sriram, S. *see* Burk, A.A., Jr. 104038
Sriram, S. *see* Siergiej, R.R. 106040
Sriram, V.K. *see* Seshadri, R. 120431
Sriraman, M.R., Vasudevan, R. High power ultrasonic generator for high cycle fatigue testing and surface hardening of metallic materials 120919
Sriranganathan, S., Bull, D.R., Redmill, D.W. Optimisation of multiplierless two-dimensional digital filters 86205
Srisuchinwong, B., Trung, N.V. An integratable current-tunable R-L oscillator 82999
Srisuchinwong, B., York, T.A., Tsalides, P. A symmetric cipher using autonomous and non-autonomous cellular automata 76761
Srivastav, M. *see* Srivastava, G.P. 83333
Srivastava, A., Chuang, J.C.-I. Radio resource assignment algorithms for packetized wireless access with co-channel interference 68191
Srivastava, A., Chuang, J.C.-I. Radio resource assignment algorithms for packetized wireless access with cochannel interference 99305
Srivastava, A., Chuang, J.C.-I. Access algorithms for packetized transmission in the presence of co-channel interference 109423
Srivastava, A., George, N. Gas sensor fabricated in commercial CMOS technology 69347
Srivastava, A., George, N., Cherukuri, J. Micromachined hydrocarbon based gas sensors 79595
Srivastava, A. *see* Joshi, R.P. 105122
Srivastava, A.K., Antaya, T.A. Initial results of the 2.45 GHz excitation of the superconducting ECR ion source in its high-B mode 69690
Srivastava, A.K., Shalabh Properties of a consistent estimation procedure in ultrastructural model when reliability ratio is known 92425
Srivastava, A.K., Zyskind, J.L., Sulhoff, J.W., Evankow, J.D., Jr., Mills, M.A. Room temperature spectral hole-burning in erbium-doped fiber amplifiers 65112
Srivastava, A.K. *see* Sun, Y. 96141
Srivastava, A.K. *see* Zyskind, J.L. 85403
Srivastava, D., Sze Fong Yau Image compression based on optimal subband decomposition and vector quantization 98107
Srivastava, D. *see* Yau, S.F. 67065
Srivastava, G.P., Jenkins, S.J. Atomic geometry and bonding on the GaAs(001)-β2(2×4) surface from ab initio pseudopotential calculations 74143
Srivastava, G.P., Jenkins, S.J. Theoretical studies of GaAs(001)-Ge(2×1) and (1×2) structures 83840
Srivastava, G.P., Srivastav, M., Tyagi, G.S., Mathew, V., Tandon, R.P. Studies on Mn-doped barium nanotitanate dielectric resonators 83333
Srivastava, H.M. *see* Krattenthaler, C. 72599
Srivastava, J. *see* Kenchammana-Hosekote, D.R. 98841
Srivastava, J. *see* Won, Y. 109245
Srivastava, J.K., Bhatt, B.C., Yoshimura, E.M., Okuno, E., Sunta, C.M. A comparative analysis of three thermoluminescent phosphors LiF:Mg,Ti (TLD-100), LiF:Mg,Cu and LiF:Mg,Cu,P 95971
Srivastava, J.K. *see* Shinde, S.S. 101466
Srivastava, K.D. *see* Morcos, M.M. 102928
Srivastava, M., Potkonjak, M. Power optimization in programmable processors and ASIC implementations of linear systems: transformation-based approach 83150
Srivastava, M. *see* Agrawal, P. 87915
Srivastava, M. *see* Hyden, E. 67853
Srivastava, M.B. Medium access control and air-interface subsystem for an indoor wireless ATM network 99386
Srivastava, M.B. *see* Agrawal, P. 87671
Srivastava, M.K. Vector valued Lagrangian and invexity type multiobjective programming problems 82471
Srivastava, M.P., Mohanty, S.R., Annapoorni, S., Rawat, R.S. Diode like behaviour of an ion irradiated polyaniline film 83906
Srivastava, P., Khare, M., Srivastava, Y.K. A fuzzy measure algebra as a metric space 60860
Srivastava, P.C., Chandra, S., Singh, U.P. Hydrogenation studies on Pd/GaAs under molecular hydrogen 105682
Srivastava, R., Bao, C., Gomez-Reino, C. Planar-surface-waveguide evanescent-wave chemical sensors 79296
Srivastava, R. *see* Barbosa, L.C. 116066
Srivastava, R. *see* Weiss, M.N. 79321
Srivastava, R. *see* Weiss, M.N. 99929
Srivastava, S. Software opportunities in the information infrastructure 87818
Srivastava, S., Sharma, E.K. Analytical expressions for power exchange in multiwaveguide systems 97249
Srivastava, S. *see* Luscombe, A.P. 120733
Srivastava, S. *see* Singh, R. 110167
Srivastava, S.C., Singh, B.P., Singh, K.P., Srivastava, S.K. Interaction of magnetic field with biological system for health care 110910
Srivastava, S.K., Lukowski, T.I., Hawkins, R.K., Cloutier, C., Teany, L.D., Shepherd, N.W., Gray, R.D., Luscombe, A.P., Banik, R. RADARSAT calibration: the operational system and initial results 120726
Srivastava, S.K. *see* Chanana, R.K. 63226
Srivastava, S.K. *see* Chanana, R.K. 105543
Srivastava, S.K. *see* Singh, V.K. 89184
Srivastava, S.K. *see* Srivastava, S.C. 110910
Srivastava, S.K. *see* Upadhyay, H.N. 106150
Srivastava, S.P., Verma, V.K., Singh, B. Steady-state analysis of a self-controlled synchronous motor 102663
Srivastava, V. *see* Jarzembski, M.A. 70473
Srivastava, V. *see* Rothermal, J. 70472
Srivastava, Y. *see* Prance, R.J. 106683
Srivastava, Y.K. *see* Srivastava, P. 60860
Srivastava, Y.N. *see* Widom, A. 104297
Srivatsava, N.K. *see* Bharadwaj, R.N. 87768
Sriyudthsak, M., Cholapranee, T., Sawadsaringkarn, M., Yupongchaey, N., Jaiwang, P. Enzyme-epoxy membrane based glucose analyzing system and medical applications 79578
Srnanek, R. *see* Kovac, J. 100046
Srnastava, J. *see* Wijesekera, D. 118606
Srnka, A. *see* Borisov, N.S. 120104
Srnka, A. *see* Konzbul, P. 95545
Sroka, J. Electromagnetic compatibility of the switched-mode power supply equipment for industrial electronics 112059
Sroka, R., Szyper, M. The phase angle modulation by capacitive sensors in integrated microstructures 110145
Srokosz, M.A. *see* Glazman, R.E. 70433
Ssu-Pin Ma, Shiao-Min Tseng Fiber polarizers using silicon wafers as substrates 64720
St-Amand, R. *see* Sawan, M. 113757
St-Cyr, G.J. *see* Holliday, D. 65761
St-Denis, F. *see* Makungu, M. 118268
St-Louis, M. *see* Van Dyke, P. 121187
St-Martin, A. *see* Jain, P.K. 71485
St-Maurice, J.-P. *see* Kofman, W. 80629
Staab, E.V. *see* Frost, M.M. 110812
Stabulnieks, J. *see* Latkovskia, L. 113736
Stabulnieks, J. *see* Rutmanis, L. 121656
Stacey, G., Kinsner, W. Tuning of the stochastic model of dielectric discharges 75041
Stacey, J. *see* Bodet, J.M. 112215
Stach, E.A. *see* Hull, R. 74319
Stachetti, V., Gaisler, J., Goller, G., Le Gargasson, C. 32-bit processing unit for embedded space flight applications 80561
Stachetti, V., Gaisler, J., Goller, G., Le Gargasson, C. 32-bit processing unit for embedded space flight applications 111050
Stachnik, R.A. *see* Froidevaux, L. 120781
Stacho, L., Urland, E. The nonexistence of a decomposition of complete graph K_{12} into three factors with diameter two 113122
Stachowitz, R. *see* Schubert, M. 94389
Stack, J. *see* Liu, Y.S. 116287
Stack, J. *see* Rowlette, J.R., Sr. 85078
Stack, K.A.J., Henry, T.A. Re-engineering maintenance management systems 82146
Stack, R.A. *see* Brady, D.J. 96843
Stacy, J. *see* Kornreich, P. 85005
Stacy, T., Burkett, S., Chen, C.T., Charlson, E.M., Charlson, E.J. Study of radiation effects in SiO_2/Si by measurement of contact-separation current 94602
Stade, D. *see* Schau, H. 111675
Stadelmann, P. *see* Triscone, J.-M. 61195
Stadje, W. Non-stationary waiting times in a closed exponential tandem queue 72428
Stadlbauer, H. *see* Hermann, F. 72388
Stadlbauer, H. *see* Scheidt, L.-G. 60754
Stadlbauer, H. *see* Scheidt, L.-G. 72383

Stadler, B.J., Lorenzo, J.P., Bliss, D.F. Investigations of the Faraday effect in Fe-doped InP 105144
Stadler, B.J.H., Vaccaro, K., Davis, A., Ramseyer, G.O., Martin, E.A., Dauplaise, H.M., Theodore, L.M., Lorenzo, J.P. Optoelectronic properties of transition metal and rare earth doped epitaxial layers on InP for magneto-optics 62729
Stadler, M. Publicly verifiable secret sharing 76827
Stadler, P., Haasz, V. Determination of period for pulse waveforms with several zero crossings during one period [SMPS] 71515
Stadler, P.F. *see* Happel, R. 117107
Stadler, R. *see* Chan, M.C. 108883
Stadler, R. *see* Nguyen, P. 93317
Stadler, R.W., Karl, W.C., Lees, R.S. New methods for arterial diameter measurement from B-mode images 70038
Stadler, S., Ajmera, P.K. Integrated acceleration sensors compatible with the standard CMOS fabrication process 89030
Stadler, S.J. *see* Brock, F.V. 90767
Stadler, W. *see* Drechsler, M. 74372
Stadler, W. *see* Meyer, B.K. 94346
Stadnik, B., Jiraskova, M. Experimental study of remittance spectra of various anomalies of a healthy human skin 110234
Stadnik, P.J. Flight test of an integrated digital GPS translator 80726
Stadnik, V.A. *see* Dunford, R.B. 105287
Stadnik, V.V., Chinkov, V.N. Microprocessor multimeters based on digital processing of the instantaneous values of signals 88923
Stadt, H.Van de *see* Van de Stadt, H.
Stadterman, T.J. *see* Cushing, M.J. 80744
Stadtmann, H. *see* Duftschmid, K.E. 110974
Stadtmiller, T.M. *see* Gillette, J.C. 86964
Stadtmuller, U. *see* Pawlak, M. 66631
Stadtmuller, U. *see* Pawlak, M. 97836
Staehli, J.L. *see* Bongiovanni, G. 62853
Staehli, J.L. *see* Capozzi, V. 114794
Staehli, R. *see* Cen, S. 119405
Staelens, B. *see* Meuris, B. 88476
Staelens, B. *see* Vande Keere, V. 79173
Stafeev, V.I. *see* Bovina, L.A. 99987
Stafeev, V.I. *see* Golovin, S.V. 95984
Staffa, J., Luther, B., Hwang, D., Ruzyllo, J., Grant, R., March, D. Selective remote plasma etching of Si_3N_4 over SiO_2 at elevated temperature 63360
Staffel, G. *see* Gruber, T. 82141
Staffeldt, H. *see* Seidel, F. 109961
Staffiere, D.T. *see* Sarjeant, W.J. 62381
Stafford, J.V. *see* Le Bars, J.M. 99450
Stafford, J.W. *see* Jandzinski, D.A. 73681
Stafrace, V. The fine art of programming 83052
Stafsudd, O.M. *see* De Flaviis, F. 84688
Stafsudd, O.M. *see* Ho, J.G. 100005
Stafylopatis, A. *see* Kontoravdis, D. 77238
Stafylopatis, A. *see* Panagiotidis, N.G. 117594
Stager, V. *see* Petrenko 84768
Stagg, J.P. *see* Martin, R.W. 61207
Stahelin, M. *see* Kaatz, P.G. 85649
Stahelin, M. *see* Pretre, P. 75596
Stahl, A., Oxley, P., Berntman, M., Lind, L. The use of vision enhancements to assist elderly drivers 100109
Stahl, D.O. *see* Gupta, A. 98723
Stahl, J. *see* Trautweiler, S.F. 74891
Stahl, K. A combined cycle power station with integrated biomass gasification 91365
Stahl, K.A. *see* Sliva, P. 79460
Stahl, U., Sturz, H. Numbering and competition [telecommunication networks] 118181
Stahle, C.M. *see* Chen, H. 114600
Stahle, C.M. *see* Hamel, L.A. 80067
Stahle, C.M. *see* Hamel, L.A. 100831
Stahlkopf, K.E. Unified power flow controller: the ultimate FACTS device 70834
Stahlmann, H.-D. *see* Nethe, A. 75130
Staiano, A. *see* Benotto, F. 69866
Staib, L.H., Duncan, J.S. Model-based deformable surface finding for medical images 120304
Staib, L.H. *see* Chakraborty, A. 110752
Staib, L.H. *see* Worring, M. 69918
Staieev, V.I. *see* Bovina, L.A. 99985
Staiger, L. Codes, simplifying words, and open set condition 97459
Staiger, T. *see* Fuchs, G. 115959
Staine, F., Favrat, D. Energy integration of industrial processes based on the pinch analysis method extended to include exergy factors 82021
Stainov, R. Data security in the Internet: principles, possibilities and limits 98765
Stair, A.T., Jr., Beeler, C.J., Gardner, M.E., Humphrey, C.H., Rappaport, S.A., Rieder, R.J., Shepherd, O., McElroy, M.B., Bishop, K.D., Emanuel, K.A., Joss, P.C., MacDonald, G.J. Measurements of upper tropospheric and lower stratospheric water substance content using ARES instrumentation 90796
Stair, A.T., Jr., Jensen, B., Burt, D., Carpenter, J.W., Skrivanek, R.A., Watson, J., Joss, P.C. RAMOS overview 90794
Stair, K.A. *see* Sacks, R.N. 82680
Stairs, I.H. *see* Lu, C. 69720
Stajer, D., Gorup, S., Gorup, Z., Rode, A. High resolution ECG data storage and graphical presentation 101395
Stajic, Z.P., Rancic, P.D., Tusic, B.S., Djordjevic, D.R. Quasi-stationary analysis of star and polygonal linear grounding structures 81164
Stajic, Z.P. *see* Rancic, P.D. 70987
Stajniak, A. *see* Szostakowski, J. 108600
Stakes, D. *see* Stoker, C.R. 90821
Stalberg, E., Falck, B., Sonoo, M., Stalberg, S., Astrom, M. Multi-MUP EMG analysis–a two year experience in daily clinical work 80405
Stalberg, E. *see* Torbergsen, T. 90499
Stalberg, S. *see* Stalberg, E. 80405
Stalder, K.R., Goren, Y., Lally, P., Pallakoff, O.E. Investigations of UV radiation from superimposed microwave-silent discharge plasmas 112595
Stalder, K.R., Homsi, W. Mass spectroscopic investigations of a hydrocarbon arcjet plasma operating under diamond deposition conditions 72893
Staley, H. *see* Grandhi, S.A. 109484
Staley, J.R. Platinum thin films and next-generation micromachined sensors 74880
Staley, T.L., North, R.C., Ku, W.H., Zeidler, J.R. Performance of coherent MPSK on frequency selective slowly fading channels 108114
Stalgies, Y. *see* Toschek, P.E. 119517
Stalhandske, N.J. *see* Blennow, J.H.M. 102649
Stalio, S. *see* Baldini, A. 62650
Staliunas, K. *see* Malos, J.T. 85560
Stalker, J.C., III ISA vs PCI in data acquisition 68991
Stall, R.A. *see* Cole, M.W. 83976
Stall, R.A. *see* Pearton, S.J. 114890
Stall, R.A. *see* Peartona, S.J. 105271
Stall, R.A. *see* Steckl, A.J. 113464
Stall, R.A. *see* Thompson, A.G. 92761
Stall, R.A. *see* Yuan, C. 61205
Stall, R.A. *see* Yuan, C. 104063
Stall, R.A. *see* Zhang, H.Y. 116707
Stall, R.A. *see* Zolper, J.C. 74520
Stall, R.A. *see* Zolper, J.C. 83990
Staller, C. *see* Panicacci, R.A. 79544
Staller, C. *see* Yadid-Pecht, O. 100125
Staller, C.O. *see* Nixon, R.H. 79146
Stalling, W. The backbone of the Web [HTTP 1.1] 118367
Stallings, D.C. *see* Swain, D.W. 76576
Stallings, W. RMON2: the next generation of remote network monitoring 77852
Stallings, W. IPv6: the new Internet protocol 87473
Stallings, W. Advances in high-speed networking 87822
Stallings, W. Patching the stacks in SNMP 98590
Stallings, W. Back to basics: the Hypertext Transfer Protocol (HTTP) 108829
Stalnacke, B. *see* Kjebon, O. 107236
Stal'naya, M.I. *see* Semkin, B.V. 71031
Stals, L. *see* Cosemans, P. 115030
Stals, L. *see* Czech, I. 119758
Stals, L.M. *see* D'Haeger, V. 115029
Stals, L.M. *see* Meykens, K. 92741
Stals, L.M. *see* Nesladek, M. 94693
Stam, C.J. *see* Keunen, R.W.M. 80204
Stamatakis, E.A., Ricketts, I.W., Cairns, A.Y., Walker, C., Preece, P.E. Detecting abnormalities on mammograms by bilateral comparison 80330
Stamatelos, D., Ephremides, A. Spectral efficiency and optimal base placement for indoor wireless networks 68081
Stamatelos, G. *see* Movahhedinia, N. 77736
Stamatelos, G. *see* Movahhedinia, N. 99082
Stamatelos, G.M., Kalivas, G.A. Space-diversity issues in the context of a B-ISDN-oriented indoor radio environment 99203
Stamatis, K. *see* Kalogeras, A. 67759
Stamatopoulos, G. The FIT fibre-optic transmission system in a public transport application on the Mannheim B-Line 78666
Stambler, I. Recuperated 5 MW ATS gas turbine to be ready for field testing in 1998 91352
Stambler, I. Gasification developers turning to non-coal and biomass fuels 111719
Stambler, I. CHAT technology at 54.7% efficiency, \$350/kW ready for commercial demo 111790
Stambler, I. Advanced steam turbines pushing combined cycle efficiency past 60% 111804
Stambolova, I., Konstantinov, K. The effect of the microstructure, phase and chemical composition on the humidity sensing characteristics of SnO_2-Fe_2O_3 spray deposited thin films using different iron salts 110098
Stambolova, I., Kovacheva, D., Konstantinov, K., Donchev, T. The effect of Ca, Sr, and Ba substitutions on the morphology and electrical resistivity of $La_{1-x}A_xCu_{0.5}Mn_{0.5}O_3$ thin films 114681
Stambolova, I. *see* Koprinarov, N. 62404
Stamenkovic, B. SDH network: On the unavailability and severely errored second (SES) modelling by the path protected architecture 98520
Stamenkovic, B., Haas, C., Scala, R. Availability of a 1:n ($n \leq 120$) protection architecture for n subscriber line interfaces with manual rerouting over a spare interface via a network management system 98983
Stamenkovic, Z. Graphical presentation of integrated circuit critical areas for lithographic defects 84553
Stamenkovic, Z. PREPLAY: Parser for reading CIF files 93079
Stamenkovic, Z., Stojadinovic, N., Dimitrijev, S. Modeling of integrated circuit yield loss mechanisms 63881
Stamer, P. *see* Abe, K. 69708
Stamer, P. *see* Abe, K. 69726
Stamm, C., Lukosz, W. Integrated optical difference interferometer as immunosensor 110247
Stamm, U. *see* Rebhan, U. 107058
Stammbach, T. Introduction to cyclotrons 69621
Stammbach, T., Adam, S., Fitze, H.R., Joho, W., Maerki, M., Olivo, M., Rezzonico, L., Sigg, P., Schryber, U. The feasibility of high power cyclotrons 100434
Stammnitz, P., Gruneberg, K. Hardware implementation of the transport stream demultiplexer for the $^{H}DTV_{T}$ demonstrator 68891
Stammnitz, P., Hofker, U. Hardware implementation of the TV/HDTV upconversion filter for spatially scalable HDTV-codecs 68881
Stamon, G. *see* Deseilligny, P. 86613
Stamoulis, G.I. A Monte-Carlo approach for the accurate and efficient estimation of average transition probabilities in sequential logic circuits 113851
Stamova, I.M. *see* Bainov, D.D. 72664
Stampe, P.A. *see* Zhou, X.Z. 84853
Stamper, A. *see* Cote, D. 106195
Stamper, R. Improved prediction of I_{F2} and I_G indices using neural networks 107906
Stampone, D.V. *see* Kojima, K. 75991
Stampor, W. *see* Kalinowski, J. 75751
Stamps, R. *see* Ounadjela, K. 64352
Stanaski, A. *see* Banerjia, S. 60656
Stanaway, M.B. *see* Robbins, D.J. 100115
Stanbury, W.T. *see* Globerman, S. 67657
Stanchina, W. *see* Gamelin, J. 88652
Stanchina, W.E. *see* De Los Santos, H.J. 93872
Stanchina, W.E. *see* Hafizi, M. 63631
Stanchina, W.E. *see* Shi, S. 105892
Stancil, D.D. Kronig-Penney model for periodically segmented waveguides 106826
Stancil, D.D. *see* Cash, A.F. 110338
Stancil, D.D. *see* Chiu, Y. 116080
Stancil, D.D. *see* Jun Li 95825
Stancil, D.D. *see* Prabhakar, A. 64831
Stancil, D.D. *see* Tan, S. 95752
Stancil, D.D. *see* Yi Chiu 95751
Stanciu, V. *see* Demeter, E. 81435
Stanciulescu, V. *see* Antipa, C. 80470
Stanco, L. *see* De Giorgi, M. 120221
Stancu, A. Numerical implementation of mixed-type models for recording media magnetization processes 106483
Stancu, O. *see* Tenescu, M. 102338
Stancu-Minasian, I.M. *see* Tigan, S. 82476
Stanculescu, A., Popina, A. m-dinitrobenzene optical nonlinear organic crystals growth for optoelectronics 95635
Stanculescu, A. *see* Rogojan, R. 95634
Stanczak, W. *see* Polowczyk, W. 111435
Standen, J.A. Installation of a hydraulic kiln drive to eliminate a resonant vibration problem 82035
Standridge, C.R. *see* Williams, S. 118415
Staneff, T. *see* Behrens, V. 62426
Stanek, M. *see* Decker, F.-J. 100596
Stanek, M. *see* Erickson, R. 89717
Stanescu, A. *see* Docheru, I. 102448
Stanev, T. *see* Bird, D.J. 110586
Stanford, D.A., Hlynka, M. Observing general service queues before joining 60795
Stanford, D.A. *see* Gendreau, M. 98510
Stanford, W. The limit distribution of pure strategy Nash equilibria in symmetric bimatrix games 113092
Stangherlin, S. *see* Albanese, R. 65690
Stanghini, M., Basso, M., Genesio, R., Tesi, A., Meucci, R., Ciofini, M. A new three-equation model for the CO_2 laser 75815
Stangl, G. *see* Hudek, P. 63504
Stangl, J. *see* Li, J.H. 85471
Stanhill, D., Zeevi, Y.Y. Two-dimensional orthogonal wavelets with vanishing moments 117324
Stanic, B.V., Draganic, I.N. Electromagnetic waves in a suddenly created magnetized Lorentz medium (transverse propagation) 107871
Staniek, G. *see* Roman, I. 113611
Staniforth, M.J., Snowden, C.M. HBT microwave power amplifier design and implementation based on large-signal characterisation 73729
Stanion, K.B. *see* Webb, M.S. 96697
Stanis, C. *see* Hu, C.-K. 63479
Stanislavsky, A.A. *see* Falkovich, I.S. 66067
Stanislawski, J.J. *see* Dorr, D.S. 90921
Stanke, F.E. *see* Hayman, A.J. 120928
Stanke, F.E. *see* Zeroug, S. 111369
Stankevic, V., Simkevicius, C. Semiconductor pressure-pulse sensor 80177
Stankevich, A.A. Generalization of the phase measurement method to the case of a small number of reflectors 70477
Stankevitch, V.G. *see* Kaznacheyev, K.V. 89631
Stanko, P.J., Beyette, F.R., Jr., Snyder, R.D., Feld, S.A., Mitkas, P.A., Wilmsen, C.W. An optoelectronic recirculating sorter based on CMOS/VCSEL smart pixel arrays: architecture and system demonstration 85335
Stankovic, A.M. A dissipativity-based controller for series resonant DC/DC converters 121723
Stankovic, J.A. *see* Bickford, C. 83606

Stankovic, L. Auto-term representation by the [illegible] distributions: a procedure for [illegible]
Stankovic, L. *see* Milanovic, Z. 104629
Stankovic, L. *see* Pavlovic, V. 110453
Stankovic, L. *see* Stankovic, S. 86266
Stankovic, M.S. *see* Sekara, T.B. 103543
Stankovic, S., Stankovic, L. Introducing time-frequency distribution with a 'complex-time' argument [illegible]
Stankovic, S. *see* Savic, Z. 80503
Stankwitz, H.C., [illegible], M.R. Sparse aperture fill for SAR using super-SVA 109701
Stanley, A. *see* Parker, E.A. 117074
Stanley, C. *see* Walker, A.C. 85336
Stanley, C.R. *see* Holland, M.C. 82687
Stanley, H.E. *see* Czirok, A. 86017
Stanley, R.P., [illegible], R., Oesterle, U., Ilegems, M., [illegible], Savona, V., Quattropani, A., [illegible], P. Photoluminescence from semi[illegible] microcavities in the cavity-polariton [illegible]
Stanley, R.P. *see* [illegible] 63034
Stanley, T.D. [illegible] preprocessing to shorten [illegible] [illegible]ography, and radically reduce [illegible] time 84538
Stanmore, B.R. *see* Visona, S.P. 102444
Stannard, W.B. *see* [illegible]
Stano, A., [illegible] High-resolution [illegible] of reactive ion etching of [illegible] MQWs using reflectance measurements [illegible]
Stano, A. *see* [illegible] 106851
Stano, A. *see* Rigo, C. 61268
Stano, A. *see* Rigo, C. 103937
Stano, A. *see* Rigo, C. 103951
Stanovnik, A. *see* Brajnik, D. 101577
Stanovnik, A. *see* Krizan, P. 69125
Stanovnik, A. *see* Krizan, P. [illegible]
Stanovnik, A. *see* Krizan, P. 100843
Stansberry, C.J., Jr. *see* Cole, L.A. 91062
Stansfield, E.V. Accuracy of an interferometer in noise [illegible]
Stanton, A.C., [illegible], Bomse, D.S., Oh, D.B., [illegible], Kane, D.J., Paige, M.E. Trace gas detection using near-infrared diode lasers 69366
Stanton, D. *see* [illegible]
Stanton, J.R. *see* [illegible]
Stanton, S.G., [illegible] M.Z. Auditory brainstem response: [illegible] of different interpretation [illegible] cerebellopontine angle [illegible]
Stantz, H. *see* [illegible]
Stantz, K.M. *see* [illegible]
Stantz, K.M. *see* [illegible] 1165[illegible]
Stanway, R., [illegible]
Stanzel, H. *see* [illegible]
Stanzeski, A.P. *see* Bochien Lin 84979
Stanzl, H. *see* [illegible]
Stanzl, H. *see* [illegible]
Stapanova, M.G. Effect of ion beam mixing and [illegible] on sputter depth profile of a [illegible]
Stapelfeldt, H., [illegible], E., Corkum, P.B. Femtoscience: from femtoseconds to attoseconds 116601
Stapinski, T. *see* Roberts, E. 70509
Stapleton, S.A. *see* Wallace, A.R. 102333
Stapleton, S.P., Carbo, X., McKeen, T. Tracking and diversity for a mobile communications base station array antenna 117070
Stapleton, S.P., McKeen, T., Carbo, X. Mobile communications base station array antenna: characterization of the environment 119001
Staper, W.P. *see* LaBel, K.A. 106222
Stappen, M. van *see* Van Stappen, M.
Star, W.M. *see* [illegible]
Star, W.M. *see* [illegible]
Staraj, R., [illegible]
Staraj, R. *see* Augustin, D. 66135
Staraj, R. *see* Augustin, D. 76650
Staraj, R. *see* Augustin, D. 86001
Staraj, R. *see* [illegible] 66003
Staraj, R. *see* [illegible]
Starasinic, S. [illegible] of integrated RC filter [illegible]
Starbov, N., [illegible]
Starbova, K. *see* Starbov, N. 106768
Starck, C. *see* [illegible] 96062
Starck, C. *see* [illegible] 116552
Starck, C. *see* [illegible]
Starck, J.-L., Murtagh, F., [illegible] image processing 77083
Starck, J.-L., Murtagh, F., [illegible], M. Astronomical image compression using the pyramidal median transform [illegible]
Starck, J.-L. *see* Murtagh, F. [illegible]
Starenkov, V.K., [illegible]
Starett, B. *see* Van Bockstal, L. 96980
Staric, M. *see* Krizan, P. 100843
Staric, M. *see* Brajnik, D. [illegible]
Staric, M. *see* Hamacher, T. 69745
Staric, M. *see* Krizan, P. 69125
Staric, M. *see* Krizan, P. 69746
Staric, M. *see* Krizan, P. 120198
Starikov, A.Yu. *see* Baldin, A.M. 90061
Starikov, E., Shiktorov, P., Gruzinskis, V., Gonzalez, T., Martin, M.J., Pardo, D., Reggiani, L., Varani, L. Hydrodynamic and Monte Carlo simulation of steady-state transport and noise in submicrometre n^+nn^+ silicon structures 74338
Starikov, E. *see* Gruzhinskis, V. 63552
Starikov, E. *see* Varani, L. 114606
Starikov, R.S. *see* Evtikhiev, N.N. 77278
Staring, A.A.M., Spiekman, L.H., Binsma, J.J.M., Jansen, E.J., van Dongen, T., Thijs, P.J.A., Smit, M.K., Verbeek, B.H. A compact nine-channel multiwavelength laser 96384
Stark, A.A. Prospects for submillimeter-wave astronomy from the Antarctic Plateau 119344
Stark, D., Crampton, A. Building the management of a new competitive network 108972
Stark, D. *see* Pavelchek, E.K. 105817
Stark, H. *see* Doherty, J.F. 109357
Stark, J. *see* Ebert, A. 70761
Stark, J.B. *see* Collings, B.C. 96180
Stark, K.C. *see* Mourlas, N.J. 81496
Stark, M. *see* Rappold, H.M. 73891
Stark, M.A. *see* Derzon, M.S. 69645
Stark, R.A. *see* Miller, J.D. 69900
Stark, T.J. *see* Thaus, D.M. 74900
Stark, W.E. *see* Asawa, M. 78555
Stark, W.E. *see* Asawa, M. 88251
Stark, W.E. *see* Cheng, V.W. 68038
Stark, W.E. *see* Hafeez, A. 108346
Stark, W.E. *see* Hassan, A.A. 65888
Stark, W.E. *see* Landolsi, M.A. 87384
Stark, W.E. *see* Yi-Pin Wang 68127
Starkhammar, H., Bengtsson, M., Kay, D.A., Shapiro, A.R. Central venous catheter placement using electromagnetic position sensing: a clinical evaluation 70097
Starkov, A.A. *see* Gan, M.A. 64860
Starkov, A.V. *see* Flesia, C. 80639
Starkov, S.O. *see* Dmitriev, A.S. 104389
Starks, M. New hardware and software for stereo graphics and video 100227
Starmer, W.J. *see* Scepan, J. 120667
Starner, J.L. *see* Nygate, Y.A. 98566
Starobinski, D. *see* Sidi, M. 88203
Starodub, A.N. *see* Ivanov, V.V. 119543
Starodubov, D.S. *see* Dianov, E.M. 64659
Starodubov, D.S. *see* Dianov, E.M. 75472
Starodubov, D.S. *see* Dianov, E.M. 96664
Starodubrovsky, R.K., Lvov, A.E., Abubakyrov, B.A., Pankov, S.V., Gulin, A.J., Vorontzova, M.L. Development of MM wave coaxial and waveguide components in Russia 62213
Starodubtsev, A.I. *see* Baranov, V.Yu. 116347
Starodubtsev, N. *see* Smirnov, A. 85127
Starodubtsev, Yu.N. Voltage transformers with ring cores of GAMMAMET 411 type magnetic steel 71380
Starodumov, A. *see* Zenteno, L.A. 65076
Starodumov, A.N., Zenteno, L.A., Monzon, D., Boyain, A.B. Nonlinear spectrally selective Sagnac interferometer 119920
Starogardski, M. *see* Ruffler, D. 118632
Staronski, L.R. *see* Forastiere, M.A. 95804
Starosel'skii, V.I. Carrier injection into semiconductor regions with highly doped contacts 62822
Starosel'skii, V.I. Express method for characterization of GaAs MESFETs 63786
Starostin, A.N. *see* Semenov, S.Y. 101294
Starostin, V.N. *see* Shamrakov, A.L. 79385
Starostin, V.N. *see* Zelenstov, Yu.A. 89011
Starostina, T.A., Rybakova, L.F., Syutkina, O.P., Venevtsev, Yu.N. Use of carboxylates in the synthesis of oxide ferroelectrics and high-temperature superconductors 104171
Staroswiecki, M. *see* Berendsen, C.S. 112435
Staroswiecki, M. *see* Cassar, J.P. 76948
Staroswiecki, M. *see* Cassar, J.P. 104431
Staroswiecki, M. *see* Delmaire, G. 72325
Staroswiecki, M. *see* Tagina, M. 72335
Staroszczyk, Z. *see* Czarnecki, L.S. 71003
Starov, V. *see* Ross, M. 105812
Starovoitov, V.V., Tchetverenko, S.A. Neighborhood structures and local transforms of digital images 108636
Starr, A.F., Green, G., Noyes, J.M. New flight deck technologies: a user perspective 70325
Starr, A.F. *see* Noyes, J.M. 80555
Starr, D.P. Measurement of surface scratches on aircraft structures 80548
Starr, G.W., Hirleman, E.D. Azimuthal dependence of coherent light scatter from patterned surfaces 112986
Starr, G.W. *see* Nebeker, B.M. 84510
Starr, G.W. *see* Nebeker, B.M. 112989
Starr, J.A. *see* Gauthier, R. 64414
Starr, R. *see* Koenen, M. 100875
Starr, R.A. *see* Wright, J.L. 99321
Starrenburg, R. *see* Griep, P. 110870
Starrett, R.P. *see* Dunford, R.B. 105287
Starrett, R.P. *see* Macks, L.D. 105356
Start, E.W. *see* Van der Wal, M. 88869
Stasch, R., Asche, M., Giehler, M., Hey, R., Danilchenko, B., Klimashov, A., Roshko, S., Sarbey, O. Field induced carrier capture and optical release from traps in highly doped GaAs:Si 62706
Stasch, R., Asche, M., Giehler, M., Hey, R., Danilchenko, B., Klimashov, A., Roshko, S., Sarbey, O.G. Investigation of metastable centers in planar-doped GaAs:Si by hot carrier transport 114645
Stasch, R., Hey, R., Asche, M., Wacker, A., Scholl, E. Temperature persistent bistability and threshold switching in a single barrier heterostructure hot-electron diode 115131
Stasche, N. *see* Foth, H.-J. 80199
Staschewski, D. Internal humidifying of PEM fuel cells 71811
Staschus, K. Review of German approaches to ancillary services costing and pricing [electricity supply] 91012
Stashans, A., Kitamura, M. A study of hydrogen doped semiconductors using the INDO method 84096
Stashchuk, V.S. *see* Vakulenko, O.V. 106476
Stasiak, D.M., Garrett, J.H., Jr., Fenves, S.J. A broker for tracking, delivering and using regulations over the World Wide Web 72385
Staskauskas, M. *see* Godefroid, P. 68012
Staskauskas, M. *see* Godefroid, P. 118713
Staskus, M. *see* Oicles, J. 93184
Stassain, P. Interfacing of a stepping motor and a PC 81492
Stassi, P. *see* Adam, W. 69709
Stassi, P. *see* Andrieux, M.L. 69739
Stassinopoulos, C.A. *see* Gourgoulis, D.E. 70982
Stassinopoulos, E.G., Brucker, G.J., Nakamura, D.W., Stauffer, C.A., Gee, G.B., Barth, J.L. Solar flare proton evaluation at geostationary orbits for engineering applications 70327
Stassinopoulos, E.G. *see* Adolphsen, J. 73391
Stassinopoulos, E.G. *see* Adolphsen, J. 111029
Stassinopoulos, E.G. *see* LaBel, K. 70337
Stassinopoulos, E.G. *see* LaBel, K.A. 80570
Stassinopoulos, E.G. *see* Seidleck, C.M. 111030
Staszewski, P. Field calculations of performance characteristics of DC machines 71334
Stathaki, T. 2D autoregressive modelling using joint and weighted second and third order statistics 87177
Stathaki, T. *see* Doukas, N. 117293
Stathis, J.H. *see* Cartier, E. 83996
Stathis, J.H. *see* Uren, M.J. 114837
Stathopoulos, A. *see* Saad, Y. 103755
Statler, C.E., Olson, E.S., Farmer, K.R., Digges, T.G., Jr. Design and fabrication of a miniature pressure sensor head using direct bonded ultra-thin silicon wafers 79358
Statman, D., Georges, J.A., III Charge dynamics and poling in glass waveguides 95729
Statman, D. *see* Liby, B.W. 65281
Staton, D.A. *see* Deodhar, R.P. 71258
Staton, D.A. *see* Deodhar, R.P. 81405
Staton, D.A. *see* Deodhar, R.P. 111895
Statzner, T. *see* Schussler, M. 61309
Statzner, T. *see* Schussler, M. 83393
Staub, R. *see* Tompkin, W.R. 64610
Staub, R. *see* Tompkin, W.R. 116006
Staub, U. *see* Schefer, J. 69680
Staubert, R. *see* Brauninger, H. 90702
Staudenmeier, H. *see* Smith, G.R. 120229
Staudinger, J., Lan, E.Y., Vaitkus, R., Lucero, R., Hallmark, J. An examination of data based large signal models for wireless amplifiers 93150
Staudinger, J. *see* Birkeland, J. 104857
Staudt, L.A., Nuwer, M.R., Peacock, W.J. Intraoperative monitoring during selective posterior rhizotomy: technique and patient outcome 90560
Staudt-Fischbach, P. *see* Dudde, R. 63925
Stauffer, A. *see* Mange, D. 73015
Stauffer, A.D. *see* Dias, T.H.V.T. 80068
Stauffer, A.D. *see* dos Santos, J.M.F. 101016
Stauffer, A.D. *see* Rachinhas, P.J.B.M. 100867
Stauffer, A.D. *see* Rachinhas, P.J.B.M. 101015
Stauffer, C. *see* Irmscher, M. 105806
Stauffer, C.A. *see* Stassinopoulos, E.G. 70327
Stauffer, D.R. *see* Engel, J.J. 115326
Stauffer, P.R. *see* Diederich, C.J. 70203
Staunton, R.C. An analysis of hexagonal thinning algorithms and skeletal shape representation 77414
Stauter, C., Fontaine, J., Engel, T. Micro-usage of short laser pulses: process control and applications 72272
Stavdas, A. *see* Churin, E.G. 98373
Staveley-Smith, L., Wilson, W.E., Bird, T.S., Sinclair, M.W., Ekers, R.D., Webster, R.L. The Parkes 21 cm multibeam receiver 68796
Staveren, A.van *see* van Staveren, A.
Stavish, T. *see* Baumbaugh, B. 89063
Stavish, T. *see* Baumbaugh, B. 100882
Stavissky, Yu.Ya. *see* Dementyev, A.V. 90105
Stavrakakis, I. *see* Capone, J.M. 118516
Stavrakakis, I. *see* Geping Chen 87605
Stavrand, H. *see* Hultin, M. 78584
Stavrianakou, M. *see* Akesson, T. 69833
Stavridi, M. *see* Koenderink, J.J. 60946
Stavrov, B. *see* Prasad, A.R. 98377
Stavroyiannis, A.S. *see* Christides, C. 115621
Stawiasz, K. *see* Crow, J.D. 119221
Stawiasz, K. *see* Wong, Y.M. 119220
Stawiasz, K.G. *see* Choi, J. 88572
Stayt, J.W. *see* Kojima, K. 75991

Stayt, J.W. *see* Singh, A. 69167
Stead, R.P., Gambarani, G.P., Tillotson, D.H. Traffic Alert and Collision Avoidance System (TCAS) transition program (TTP): a status update 70359
Steam, J.A. *see* Morrissey, L.A. 70452
Stearns, C.W. Transaxial image plane resolution in the reprojection reconstruction algorithm 80224
Stearns, C.W. *see* Crandall, P.S. 101157
Stearns, C.W. *see* Lewellen, T.K. 101277
Stearns, C.W. *see* Lewellen, T.K. 101344
Stearns, S.D. *see* Mamdyam, G. 66537
Stearns, S.D. *see* Mandyam, G. 67001
Stearns, S.D. *see* Nijim, Y.W. 98108
Stearns, S.D. *see* Nijim, Y.W. 101197
Stearns, S.D. *see* Nijim, Y.W. 117878
Stebel, H. Experience with the application of the operational control system SI [for power stations] 81190
Steblina, V., Love, J.D., Ladouceur, F. Supermode analysis of fibre bend loss 75455
Stec, B. *see* Rutkowski, A. 62221
Stecha, J., Havlena, V. Smoothing in simultaneous state and parameter estimation in a linear system 76952
Stechemesser, H. *see* Brauksiepe, S. 100815
Stechman, J.M. *see* Cole, E.H. 79527
Stechman, J.M. *see* Smeins, L.G. 79529
Steciuk, P. *see* Ventruella, D.J. 91427
Steciuk, P.B., Redmon, J.R. Voltage sag analysis peaks customer service 122096
Steck, J. *see* Hajduk, J. 82907
Steck, M., Beckert, K., Eickhoff, H., Franzke, B., Nolden, F., Reich, H., Schlitt, B., Winkler, T. Anomalous temperature reduction of electron-cooled heavy ion beams in the storage ring ESR 120074
Steck, M., Beckert, K., Eickhoff, H., Franzke, B., Nolden, F., Reich, H., Spaedtke, P., Winkler, T. Suppression of intrabeam scattering in cooled heavy ion beams 79832
Steck, M. *see* Winkler, T. 79836
Steckbauer, K.G. *see* Motamedi, M.E. 100116
Steckel, R.J. *see* Ho, B.K.T. 110813
Stecker, M.M., Patterson, T. Strategies for minimizing 60 Hz pickup during evoked potential recording 101382
Steckl, A.J., Devrajan, J., Choyke, W.J., Devaty, R.P., Yoganathan, M., Novak, S.W. Effect of annealing temperature on 1.5 μm photoluminescence from Er-implanted 6H-SiC 75697
Steckl, A.J., Devrajan, J., Tran, C., Stall, R.A. SiC rapid thermal carbonization of the (111)Si semiconductor-on-insulator structure and subsequent metalorganic chemical vapor deposition of GaN 113464
Steckl, A.J., Yuan, C., Devrajan, J., Chaudhuri, J.C., Thokala, R., Loboda, M.J. Growth of SiC by CVD from silacyclobutane 103993
Steckl, A.J. *see* Jackson, H.E. 62919
Steckl, A.J. *see* Smith, S.R. 105299
Steckl, A.J. *see* Su, J.N. 105886
Steckl, A.J. *see* Yih, P.H. 105714
Stedile, F.C. *see* Baumvol, I.J.R. 63284
Stedile, F.C. *see* Baumvol, I.J.R. 114958
Stedile, F.C. *see* Baumvol, I.J.R. 114969
Stedile, F.C. *see* Baumvol, I.J.R. 114970
Stedman, G.E. *see* Neutze, R.J. 107423
Stedman, M., Franks, A. The UK national surface texture measuring facility 79219
Steed, C.M., Binks, L.A., Howson, P.A. Estimation, via the finite element method, of the stray magnetic fields produced by a 3 phase power reactor 91691
Steedly, W.M. *see* Scanlan, J.M. 87225
Steeds, J.W. *see* Ponce, F.A. 82629
Steeds, M.W., Broschat, S.L., Schneider, J.B. A comparison of two conformal methods for FDTD modeling 65776
Steeg, B. *see* Albers, D. 69756
Steeg, H.-C. PLD Designs for Multiple State Logic Machines, using PALASM 93249
Steel, M. *see* Baritompa, B. 113069
Steel, M.J., De Sterke, C.M. Second-harmonic generation in second-harmonic fiber Bragg gratings 85669
Steel, M.J. *see* de Sterke, C.M. 107566
Steel, S.J. *see* Venter, J.H. 82299
Steele, B.C.H. Materials for high-temperature fuel cells 102964
Steele, B.C.H., Zheng, K., Rudkin, R.A., Kiratzis, N., Christie, M. Properties and applications of $Ce(Gd)O_{2-x}$ electrolytes in the temperature range 500-700°C 81851
Steele, B.C.H. *see* Lane, J.A. 81809
Steele, B.C.H. *see* Lowrie, F.L. 81782
Steele, B.C.H. *see* McAleese, J. 113431
Steele, D.B. *see* Shook, R.L. 82267
Steele, J. Get maximum accuracy from temperature sensors 110095
Steele, J. *see* Neugroschel, A. 63586
Steele, J. *see* Neugroschel, A. 74706
Steele, J.D. *see* Gilvin, P.J. 110971
Steele, J.P.H., Ganesh, C., Mishra, D., Jones, J. Application of a hierarchical artificial neural network system to epoxy cure process monitoring 72965
Steele, N., Allen, D. Evaluation of recycling and disposal options for batteries 72372
Steele, R. *see* Cao, J. 108846
Steele, R. *see* Lee, C.-C. 109443
Steele, T. *see* Brownlie, G.D. 74214
Steele, T.A. *see* Thompson, P.J. 75582
Steele, T.A. *see* Wang, S.Y. 74373
Steemers, H. *see* Martin, R.A. 110298
Steen, A.F.W.van der *see* van der Steen, A.F.W.
Steen, H.J.L.Van der *see* Van der Steen, H.J.L.
Steen, L. *see* Johannisson, B. 68655
Steen, R. Servicing microwave links in two-way radio systems 99235
Steen, W.M. Laser surface treatment–an overview 116792
Steen, W.M. *see* Li, L. 61465
Steen, W.M. *see* Li, L. 65581
Steenaart, W. *see* Rossi, M. 104714
Steenbeck, K. *see* Machalett, F. 95457
Steenbergen, A.van *see* van Steenbergen, A.
Steenbergen, C.A.M., van Deventer, M.O., de Vreede, L.C.N., van Dam, C., Smit, M.K., Verbeek, B.H. System performance of a 4-channel PHASAR WDM receiver operating at 1.2 Gbit/s 88573
Steenekamp, P., Roos, J. Implementation of distributed systems management policies: a framework for the application of intelligent agent technology 98581
Steenhaut, K., Degieter, K., Dirkx, E. Scheduling mechanisms and admission control policies for DQDB 78009
Steenkiste, P. *see* Eckhardt, D. 118414
Steenkiste, P. *see* Ma, Q. 118163
Steenput, E., Rolain, Y. Auto-consistent mathematical environment for measurement software development 109989
Steensma, H.K. Acquiring technological competencies through inter-organizational collaboration: an organizational learning perspective 72174
Steenwinkel, R.van *see* van Steenwinkel, R.
Steenwyk, B.Van *see* Van Steenwyk, B.
Steeples, C., Unsworth, C., Bryson, M., Goodyear, P., Riding, P., Fowell, S., Levy, P., Duffy, C. Technological support for teaching and learning: computer-mediated communications in higher education (CMC in HE) 78137
Steeples, C., Valley, K. Integrating CMC into distance learning programmes: Lancaster University advanced learning technology programme 87941
Steer, D.G. Synchronization interface for low power PCS systems 68302
Steer, M.B. *see* Hwang, H. 83521
Steer, M.B. *see* Hwang, H.-S. 83342
Steer, M.B. *see* Nuteson, T.W. 65934
Steer, M.B. *see* Nuteson, T.W. 93703
Steer, M.B. *see* Sevic, J.F. 88100
Steeves, M. *see* Bruzzone, P. 102174
Stefan, P.M., Krinsky, S., Rakowsky, G., Solomon, L. Small-gap undulator experiment on the NSLS X-ray ring 100528
Stefanakos, E. *see* Kovac, M. 103139
Stefanakos, E.K. *see* Lamb, H.C. 71855
Stefanelli, M.C., de Perez, T.A., D'Alvano, F., Regidor, J.C., Juanatey, M. A comparison of three adaptive algorithms used to improve evoked potential estimation 101397
Stefanelli, M.C. *see* De Perez, T.A. 97855
Stefanescu, B. *see* Moldovan, C. 69037
Stefanescu, D. *see* Davies, G. 67632
Stefanescu, D.-M. Six component force transducer for robotics 99905
Stefani, F. *see* Botti, E. 73124
Stefani, F.de *see* de Stefani, F.
Stefani, J.A., Poarch, S., Saxena, S., Mozumder, P.K. Advanced process control of a CVD tungsten reactor 92909
Stefani, J.A. *see* Wuthukrishnan, S. 103409
Stefanik, D. *see* Anigbo, F.C.J. 99507
Stefanini, A. *see* Beccherle, R. 80297
Stefanini, G. *see* Annis, P. 80121
Stefanini, G. *see* Autiero, D. 69815
Stefano, A.Di *see* Di Stefano, A.
Stefano, G.Di *see* Di Stefano, G.
Stefano, L.De *see* De Stefano, L.
Stefano, R.Di *see* Di Stefano, R.
Stefano, S.Di *see* Di Stefano, S.
Stefanov, E. *see* Radojkovic, P. 63121
Stefanov, E. *see* Radojkovic, P. 105469
Stefanov, R. *see* Koprinarov, N. 62404
Stefanov, R. *see* Stoev, M.D. 121900
Stefanovic, L.V. *see* Rancic, P.D. 111674
Stefanski, T. *see* Gorzalczany, M.B. 71794
Stefansky, A.I. *see* Batchevsky, R.S. 86909
Stefansky, A.I. *see* Fitio, V.M. 86906
Steffen, B., Margaria, T., Classen, A., Braun, V., Nisius, R., Reitenspiess, M. A constraint-oriented service creation environment 78147
Steffen, B., Margaria, T., Classen, A., Braun, V., Reitenspiess, M. A constraint-oriented service creation environment 98607
Steffen, H.J. *see* Weishart, H. 94713
Steffen, K. *see* Heinrichs, J. 111297
Steffen, M. *see* Bloss, P. 84672
Steffen, R., Forchel, A., Reinecke, T.L., Koch, T., Albrecht, M., Oshinowo, J., Faller, F. Single quantum dots as local probes of electronic properties of semiconductors 94547
Steffen, R., Koch, T., Oshinowo, J., Faller, F., Forchel, A. Exciton interaction effects in the emission spectra of single free-standing InGaAs/GaAs quantum dots 105427
Steffen, R. *see* Forchel, A. 114732
Steffens, E. *see* Rathmann, F. 119987
Steffens, E. *see* Zapfe, K. 120083
Steffens, K.-H. *see* Hartmann, P. 120119
Steffens, K.H. *see* Drescher, P. 105007
Steffes, M. Circuit design reduces opamp noise figure 82954
Steffes, M. Control frequency response and noise in broadband, photodetector, transimpedance amplifiers 104366
Steffes, P.G. *see* Alouini, M.-S. 88419
Steffey, J.R. Data communications made easy and economical—new techniques provide solutions to data communications problems for industrial/commercial data acquisition and control 67935
Steflea, D. *see* Curuia, M. 69879
Stege, R. *see* Adolphsen, C. 89648
Stege, R. *see* Bane, K. 89979
Stege, R. *see* Turner, J.L. 89654
Stegeman, D.F. *see* Praamstra, P. 101363
Stegeman, G.I. Lightwave manipulation via $\chi^{(2)}$ in guided wave geometries 85660
Stegeman, G.I. *see* Baboiu, D.-M. 107547
Stegeman, G.I. *see* Fuerst, R.A. 107615
Stegeman, G.I. *see* Jager, M. 107525
Stegeman, G.I. *see* Jager, M. 116662
Stegeman, G.I. *see* Kang, J.U. 116644
Stegeman, G.I. *see* Kang, J.U. 116661
Stegeman, G.I. *see* Krijnen, G.J.M. 76190
Stegeman, G.I. *see* Lawrence, B.L. 107576
Stegeman, G.I. *see* Otomo, A. 76151
Stegeman, G.I. *see* Otomo, A. 107586
Stegeman, G.I. *see* Ricci, V. 94561
Stegeman, G.I. *see* Schiek, R. 95730
Stegeman, G.I. *see* Torner, L. 107614
Stegeman, G.I. *see* Torruellas, W.E. 65451
Stegeman, G.I. *see* Torruellas, W.E. 76220
Stegeman, G.I. *see* Trevino-Palacios, C.G. 107545
Stegeman, G.I. *see* Trevino-Palacios, C.G. 116630
Stegeman, G.T. *see* Villeneuve, A. 64732
Steger, C. Extracting curvilinear structures: a differential geometric approach 67271
Steger, C., Weiss, R. Simulation of industrial production systems on a multi-DSP architecture 93430
Steger, C. *see* Eckstein, W. 66876
Steger, M. *see* Hierold, C. 74934
Stegers, M. *see* Piguet, C. 113967
Steglich, F. *see* Wang, N.L. 75329
Stegmaier, P., Zollinger, A., Singer, T., Pasch, T. Fuzzy logic cough detection in mechanically ventilated patients 120530
Stehle, J.L. *see* Boher, P. 94665
Stehle, J.L. *see* Boher, P. 94697
Stehle, M. Excimer lasers anneal flat-panel displays 74514
Stehle, M. *see* Boher, P. 94665
Stehle, M. *see* Horn, J. 62813
Stehlin, R.A. Business process approach to product development 112859
Stehno, J. *see* Semenchinsky, S. 94611
Stehno, J. *see* Skrbek, L. 69111
Stehwien, W. *see* Veitch, B. 77295
Stehwien, W. *see* Zhu, A. 78996
Steidel, T.C. *see* Matsumoto, H. 93543
Steier, W.H. *see* Dubovitsky, S. 78886
Steiger, B. *see* Meja, P. 106749
Steiger, B. *see* Poivey, C. 73462
Steiger, B. *see* Poivey, C. 104598
Steiger, B. *see* Reisse, G. 107461
Steigerwald, D. *see* Chen, C.H. 92710
Steigerwald, L. *see* Frey, D.R. 104658
Steigerwald, M. *see* Drescher, P. 105007
Steigerwald, M. *see* Hartmann, P. 120119
Steigerwald, R.L., De Doncker, R.W., Kheraluwala, H. A comparison of high-power DC-DC soft-switched converter topologies 112115
Steigerwald, R.L. *see* Vlatkovic, V. 71441
Steijaert, H.A.M., Haitjema, H. Calibration of SPM using multiple beam interferometry 79338
Steijger, J. *see* Zhou, Z.-L. 110536
Steijn, K.W. Multicolor holographic recording in DuPont holographic recording film: determination of exposure conditions for color balance 96822
Steil, A. *see* Klein, A. 99158
Steil, M.C. *see* Kleitz, M. 81803
Steimel, A. Electric railway traction in Europe 122030
Steimel, J. *see* Herrup, D.A. 89861
Steimel, J.M., Jr. Fast digital dampers for the Fermilab Booster 100912
Steimer, P., Gruning, H., Werninger, J., Dahler, P., Linhofer, G., Boeck, R. Series connection of GTO thyristors for high-power static frequency converters 91663
Steimer, P.K., Gruning, H., Werninger, I., Schroder, D. State-of-the-art verification of the hard driven GTO inverter development for a 100 MVA intertie 121095
Stein, A. Elliptic congruence function fields 108162
Stein, B. *see* Correia de Barros, M.T. 111616
Stein, C. *see* Armen, C. 97526
Stein, C. *see* Neugroschel, A. 63586
Stein, C. *see* Neugroschel, A. 74706
Stein, E. *see* Banichuk, N.V. 92148
Stein, H. Repowering not yet living up to its promise 71139
Stein, H. Saving money with diesels in the USA 91374
Stein, J., Scheuer, F., Gast, W., Georgiev, A. X-ray detectors with digitized preamplifiers 100922

Stein, J.L., Churn-Hway Wang Automatic detection of clearance in mechanical systems: experimental validation 121829

Stein, J.L. *see* Ohl, G.L. 91836

Stein, K.J. *see* Nguyen-Ngoc, D. 63964

Stein, K.S. *see* Nguyen-Ngoc, D. 115373

Stein, M., Barbulescu, C., Molnar, A. Contributions to applying the RCM (reliability centered maintenance) in power installations 101681

Stein, M.A. *see* Stein, S.J. 91940

Stein, N. Virtual or reality: rapid three-dimensional whole-body measurement 90274

Stein, N.D. *see* Kaufman, I.K. 115939

Stein, O.Von *see* Von Stein, O.

Stein, P. *see* Shu, Q.S. 100497

Stein, P.K. The unified approach to the engineering of measurement systems for test and evaluation–a brief survey 109984

Stein, P.K. Signal conditioning selection and test planning according to the unified approach to the engineering of measurement systems 119584

Stein, R. *see* Daschner, W. 95807

Stein, R. *see* Holzlein, K. 105595

Stein, R.A., Rupp, R., Dohnke, K.O., Volkl, J., Stephani, D., Hassler, C., Pensl, G. Organic boron compounds as novel boron sources for p-doping of SiC-epilayers. Incorporation and characterization 105586

Stein, R.B., Zehr, E.P., Lebiedowska, M.K., Popovic, D.B., Scheiner, A., Chizeck, H.J. Estimating mechanical parameters of leg segments in individuals with and without physical disabilities 110657

Stein, R.B. *see* Rongching Dai 80421

Stein, R.J. Fully automatic, high-throughput, high-uniformity base plater [crystal industry] 95315

Stein, S. *see* Tkalcevic, S. 68750

Stein, S.J., Wahlers, R., Heinz, M., Stein, M.A., Tait, R., Humphries, R. Thick film heaters made from dielectric tape bonded stainless steel substrates 91940

Stein, T.I. *(editor)* IGARSS '96. 1996 International Geoscience and Remote Sensing Symposium. Remote Sensing for a Sustainable Future (Cat. No.96CH35875) 103302

Stein, Z. *see* Frackowiak, J. 112499

Stein von Kamienski, E., Portheine, F., Golz, A., Kurz, H. Defects in differently annealed oxides on 4H- and 6H-SiC 105510

Stein von Kamienski, E. *see* Golz, A. 105717

Steinbach, A.H., Martinis, J.M., Devoret, M.H. Observation of hot-electron shot noise in a metallic resistor 62374

Steinbach, A.H. *see* Keller, M.W. 106103

Steinbach, C. *see* Cappi, R. 79927

Steinbach, D. *see* Wehner, M.U. 65494

Steinbach, K. *see* Maniewski, R. 120426

Steinbeiss, E. *see* de Nivelle, M.J.M.E. 101555

Steinbeiss, E. *see* Machalett, F. 95457

Steinbeiss, E. *see* Veith, M. 115884

Steinberg, B.D., Carlson, D., Bose, R. High resolution 2-D imaging with spectrally thinned wideband waveforms 99657

Steinberg, B.D. *see* Bose, R. 78979

Steinberg, B.D. *see* Freedman, A. 86172

Steinberg, B.D. *see* Freedman, A. 109709

Steinberg, D. *see* Jonas, K. 118488

Steinberg, D. *see* Kaul, M. 119409

Steinberg, G.K. *see* Levy, R.P. 110882

Steinberg, R.K., Pathak, K.M. Human-engineered real-time displays for US Army missions 90882

Steinberger, B. U.S. intellectual property protection for business 60514

Steinbock, L. *see* Moser, H.O. 79772

Steinbruchel, C. *see* Tacito, R.D. 72971

Steinbruchel, C. *see* Tacito, R.D. 115040

Steinchen, W., Lianxiang Yang, Kupfer, G. Digital shearography for NDT and strain measurement 72994

Steinchen, W., Yang Lianxiang, Schuth, M., Kupfer, G. Strain measurement by means of digital shearography 69509

Steinchen, W., Yang, L.X., Schuth, M. TV-shearography for measuring 3D-strains 69519

Steiner, B. *see* Klein, A. 99158

Steiner, C. *see* Park, H.K. 70190

Steiner, I., Schanz, L., Toschek, P.E. Quenching quantum phase noise: correlated spontaneous emission vs. phase locking 96115

Steiner, K. *see* Jaegle, M. 69361

Steiner, M., Tsudik, G., Waidner, M. Diffie-Hellman key distribution extended to group communication 76740

Steiner, P., Wiedenhofer, A., Kozlowski, F., Lang, W. Influence of different metallic contacts on porous silicon electroluminescence 94275

Steiner, P. *see* Guha, S. 94258

Steiner, P. *see* Kozlowski, F. 83686

Steiner, P. *see* Kozlowski, F. 94276

Steiner, P. *see* Kozlowski, F. 96042

Steiner, P. *see* Lang, W. 84641

Steiner, R. *see* Beasley, J. 73016

Steiner, R. *see* Stenbakken, G.N. 68947

Steiner, V. *see* Agakichiev, G. 69736

Steingruber, J. *see* Zhang, J. 96102

Steingrueber, R. *see* Sharon, A. 116121

Steinhaeuser, P., Gutbrod, H.H., Kolb, B.W., Purschke, M., Schmidt, H.R., Chen, W., Kraner, H., Li, Z., Rehak, P. Investigation of the properties of a radial silicon drift detector in the WA93-experiment 69834

Steinhaeuser, P. *see* Badura, E. 69804

Steinhaeuser, P. *see* Badura, E. 120203

Steinhaeuser, S. *see* Schmidt, K.H. 69627

Steinhage, G. *see* Kohler, J.M. 88999

Steinhagen, F., Hillmer, H., Losch, R., Schlapp, W., Gobel, R., Kuphal, E., Hartnagel, H.L., Burkhard, H. High-speed complex-coupled strain-compensated AlGaInAs/InP 1.5 μm DFB laser diodes 107283

Steinhagen, F. *see* Hillmer, H. 96343

Steinhagen, F. *see* Hillmer, H. 103905

Steinhagen, F. *see* Zimmermann, M. 114772

Steinhagen, F. *see* Zimmermann, R. 96426

Steinhagen, H. *see* Engelbart, D. 90761

Steinhardt, A.O. *see* Bose, S. 76981

Steinhardt, A.O. *see* Bose, S. 86269

Steinhauer, J. *see* Schwab, K. 106257

Steinhausen, C., Gerisch, P., Heisinger, B., Hohl, C., Kislinger, G., Korschinek, G., Niedermayer, M., Nolte, E., Dumitru, M., Alvarez-Brueckmann, M., Schneider, M., Ittel, T.H. Medical application of ^{26}Al 101201

Steinhauser, N. *see* Proch, D. 100677

Steinhausler, T. *see* Lin, Q. 115066

Steinhour, W. Upgrading an IC tester cuts test time 103406

Steininger, R. *see* Moser, H.O. 79772

Steinke, O. *see* Schade, K. 92895

Steinkirchner, J., Martini, T., Reiche, M., Gosele, U. Designed monolayers for silicon wafer bonding 63370

Steinkopf, U. *see* Bierhenke, H. 113691

Steinkuhl, R., Sundermeier, C., Hinkers, H., Dumschat, C., Cammann, K., Knoll, M. Microdialysis system for continuous glucose monitoring 120272

Steinmann, P. *see* Boak, D. 109668

Steinmetz, A. DiVidEd: a distributed video production system–work in progress 68869

Steinmetz, R. *see* Cossmann, H. 87893

Steinmetz, R. *see* Wolf, L.C. 118244

Steinmetz, R.P. *see* Ravindran, K. 109210

Steinmeyer, G. *see* Morgner, U. 107212

Steinmeyer, K., Bullock, K. Matching solder masks to users' needs 114441

Steinwand, D.R. *see* Kess, B.L. 70438

Steiss, D. *see* Ng, P. 73205

Stejskal, J. *see* Krivka, I. 72970

Stejskal, J. *see* Leitner, J. 113308

Stejskal, V. *see* Weggel, R.J. 96974

Stejskal, V.J. *see* Williams, J.E.C. 95531

Stek, A., Stupp, S.E., Luitjens, B. Some aspects of overwrite in thick magnetic media 115828

Stekl, I. *see* Briancon, C. 69880

Stekl, J. *see* Brudanin, V.B. 110622

Stekolin, I.Yu. *see* Danilov, V.A. 74643

Stella, A. *see* Bellina, F. 116828

Stella, B. *see* Di Nezza, P. 90193

Stella, M.Torre *see* Torre Stella, M.

Stellati, C. *see* Barroso, J.J. 73960

Stellberger, A. *see* Keller, M. 100969

Stellberger, T. *see* Oswald, J. 105402

Stellbrink, A. *see* Bauer, D. 82316

Steller, D. *see* Freedman, M. 80378

Stelmakh, G.P. *see* Volkov, E.P. 102353

Stelmakh, L.S. *see* Stolin, A.M. 81862

Stelmaszyk, A. *see* Schosser, A. 68368

Stelmaszyk, P. *see* de Vries, D.K. 74754

Stelzer, A.J. *see* Seitz, T. 95848

Stelzer, F. *see* Meghdadi, F. 75768

Stelzer, G. Versatile 10/100 Megabit/sec Ethernet connection combines 10-base T and 100-base TX performance 118374

Stelzer, H. *see* Badura, E. 69804

Stelzer, H. *see* Badura, E. 120203

Stelzer, J.E. *see* Swenson, D.R. 90095

Stelzer, K.J. *see* Phillips, M.H. 110899

Stelzner, P. *see* Albrecht, J. 111471

Stember, M.J. *see* Evans, R.J. 102888

Stemme, E. *see* Enoksson, P. 79357

Stemme, E. *see* Olsson, A. 74955

Stemme, E. *see* Olsson, A. 74967

Stemme, E. *see* Stemme, G. 112169

Stemme, G. Micro fluid sensors and actuators 64012

Stemme, G., Olsson, A., Stemme, E. Valve-less micropumps 112169

Stemme, G. *see* Enoksson, P. 79357

Stemme, G. *see* Kalvesten, E. 88976

Stemme, G. *see* Olsson, A. 74955

Stemme, G. *see* Olsson, A. 74967

Stemmer, A. *see* Sauter, M. 94912

Stemmer, S., Pirouz, P., Ikuhara, Y., Davis, R.F. Film/substrate orientation relationship in the AlN/6H-SiC epitaxial system 103841

Stemmer, S. *see* Chien, F.R. 61219

Stemmer, S. *see* Kahn, H. 74951

Stemmler, H. *see* Scheuer, G. 70776

Stemplinger, R. *see* Pombacher, F. 114384

Stemprok, R. *see* Engel, T.G. 62651

Stemuller, B. *see* Gottwald, E. 119203

Stenbakken, G.N. Effects of nonmodel errors on model-based testing 60562

Stenbakken, G.N., Steiner, R., Olsen, P.T., Williams, E. Methods for aligning the NIST watt-balance 68947

Stendal, A. *see* Stenzel, O. 75391

Stenersen, K. *see* Rustad, G. 107195

Stengal, F. *see* Chen, Z. 84003

Stengel, F., Mohammad, S.N., Morkoc, H. Theoretical investigation of electrical characteristics of AlGaN/GaN modulation doped field-effect transistors 106080

Stengel, K.M.T. *see* Eldada, L. 85052

Stengel, K.M.T. *see* Yardley, J.T. 85045

Stengel, K.M.T. *see* Yardley, J.T. 106839

Stenger, P.A. *see* Niehenke, E.C. 93893

Stenger-Smith, J. *see* Lindsay, G. 85595

Stenger-Smith, J. *see* Talukder, M. 85588

Stengl, R., Timme, H.-J., Mandelman, J.A., Benedict, J., Acker, B. High pressure oxidation induced stress in submicron trench structures 63330

Stenholm, S. *see* Kira, M. 105276

Steni, R. *see* Lacquantii, V. 64538

Stenin, V.J. *see* Krasnjuk, A.A. 100098

Stenner, B. *see* Keim, M. 104479

Stennett, N.A., Swingler, J. The effect of power on low frequency fretting corrosion 62413

Stensby, J. *see* Harb, B. 61695

Stenstrom, H. *see* Tan, N. 93502

Stenstrom, L., Lundqvist, J. Energy stress on transmission line arresters considering the total lightning charge distribution 121244

Stentz, A., Hebert, M. A complete navigation system for goal acquisition in unknown environments 77323

Stentz, A. *see* Tanbun-Ek, T. 119235

Stentz, A.J., Grubb, S.G., Headley, C.E., III, Simpson, J.R., Strasser, T., Park, N. Raman amplifier with improved system performance 65106

Stentz, A.J., Nielsen, T., Grubb, S.G., Strasser, T.A., Pedrazzani, J.R. Raman ring amplifier at 1.3 μm with analog-grade noise performance and an output power of 23 dBm 85402

Stenz, C. *see* Amiranoff, F. 79838

Stenz, C. *see* Amiranoff, F. 89645

Stenzel, Ch., Dold, P., Benz, K.W. Magnetic damping array implemented into a space-compatible multizone furnace for semiconductor crystal growth 61148

Stenzel, H. *see* Braunschweig, W. 120173

Stenzel, H. *see* Gosele, U. 63193

Stenzel, H. *see* Martini, T. 63197

Stenzel, J. *see* Otto, S. 102253

Stenzel, J. *see* Reichel, P. 101884

Stenzel, O., Petrich, R., Wilbrandt, S., Beckers, U., Stendal, A., Voigtsberger, K., Von Borczyskowski, C. Linear optical constants of ultrathin copperphthalocyanine films from transmittance and reflectance data: Error function minimization when the film thickness is below 20 nm 75391

Stenzenberger, J. *see* Achterberg, N. 62653

Stenzler, M.K., Eckert, R.R. Interactive video 68916

Stepan, P., Preucil, L. Statistical approach to range-data fusion and interpretation 119877

Stepanek, B. *see* Hubik, P. 74272

Stepanek, B. *see* Sestakova, V. 92662

Stepanek, B. *see* Sestakova, V. 103810

Stepanek, J. *see* Girolami, B. 110887

Stepanenko, P.Ya. Scattering matrices of symmetrical inhomogeneities in a rectangular waveguide 104783

Stepaniak, J. *see* Calen, H. 120194

Stepanian, A. *see* Mirzoyan, R. 69894

Stepanov, A. *see* Siders, C.W. 79839

Stepanov, A.A., Troshchenkov, S.V., Shcheglov, V.A. Small-scale periodic inhomogeneities and self-compensation of phase distortions 65045

Stepanov, A.A. *see* Aleksandrov, B.P. 85359

Stepanov, A.A. *see* Shcheglov, V.A. 76275

Stepanov, A.V. *see* Gielkens, S.W.A. 85381

Stepanov, A.V. *see* Vavriv, D.M. 117366

Stepanov, B. *see* Krivchenkov, Yu. 95582

Stepanov, B. *see* Yoshida, K. 95513

Stepanov, D.Y., Bassett, I.M., Ryan, T., Ouellette, I. Ellipsometry of fibre Bragg gratings 75462

Stepanov, D.Y., Canning, J., Bassett, I.M., Cowle, G.J. Ring distributed-feedback fibre laser 75859

Stepanov, D.Yu. *see* Canning, J. 99554

Stepanov, D.Yu. *see* Cowle, G.J. 88634

Stepanov, D.Yu. *see* Cowle, G.J. 96152

Stepanov, E.V., Kouznetsov, A.I., Zyrianov, P.V., Plotnichenko, V.G., Selivanov, Yu.G., Artjushenko, V.G. Multicomponent fiber-optical gas sensor based on MIR tunable diode lasers 69341

Stepanov, G.V., Baru, V.G., Chernushich, A.P., Elinson, M.I., Luzanov, V.A., Zaharov, L., Jr. Visible photoluminescence from silicon nanoclusters 85261

Stepanov, M.V. *see* Danilova, T.N. 96326

Stepanov, M.V. *see* Danilova, T.N. 116509

Stepanov, O.A. Construction of a combined algorithm for solving the problem of correlation-extreme navigation within the scope of nonlinear filtering theory 108383

Stepanov, O.N. *see* Mityagin, Yu.A. 65362

Stepanov, S. *see* Gomez, C.M. 76128

Stepanov, S.I. *see* Garcia Quirino, G.S. 107583

Stepanov, S.I. *see* Mendez-Otero, M.M. 119921

Stepanov, V.E. *see* Ivanov, O.P. 92995

Stepanov, V.E. *see* Khludkov, S.S. 80086

Stepanov, V.E. *see* Sudarkin, A.N. 100973

Stepanov, V.E. *see* Sudarkin, A.N. 101040

Stepanov, V.E. *see* Volkovich, G. 80159

Stepanov, V.V. *see* Ageichik, A.A. 116337

Stepanov, V.V. *see* Ageichik, A.A. 116340

Stepanov, V.V. *see* Ageichik, A.A. 116761

Stepanov, V.V. *see* Dudarev, A.V. 95425

Stepanov, Yu.P. *see* Fleisher, V.G. 106666

Stepanova, A.N. *see* Givargizov, E.I. 72905

Stepanova, A.N. *see* Givargizov, E.I. 73968
Stepanova, A.N. *see* Givargizov, E.I. 74031
Stepanova, A.N. *see* Givargizov, E.I. 92664
Stepanova, N.A. *see* Pimenov, S.F. 65834
Stepantsov, E. *see* Yan Gao 73698
Stepantsov, E.A. *see* Chen, Y.F. 84911
Stepantsov, E.A. *see* Kislinskii, Yu.V. 84909
Stepantsov, E.A. *see* Zhgoon, S.A. 62300
Stepanyuk, A.E. *see* Korobkov, A.I. 61809
Stephan, A., Meijer, J., Adamczewski, J., Roecken, H., Loeffelmacher, D., Bukow, H.H., Rolfs, C. Investigation of the resolution affecting parameters of a nuclear microprobe using a solenoid lens 100765
Stephan, E.P. *see* Benqi Guo 61112
Stephan, E.P. *see* Brink, U. 61119
Stephan, E.P. *see* Holm, H. 92629
Stephan, G. An Airy function for the laser 116615
Stephan, G. *see* Chartier, T. 65064
Stephan, G.M. *see* Ikezouhene, M. 85399
Stephan, L., Coupez, J.P., Rius, E., Person, C., Toutain, S. Integration of various types of compensated dielectric bridges for mm coplanar applications 83468
Stephan, P., Brayton, R.K., Sangiovanni-Vincentelli, A.L. Combinational test generation using satisfiability 104454
Stephan, R. *see* Erlebach, A. 110572
Stephan, R.M. *see* de Lima, A.C.S. 81651
Stephan, R.M. *see* Frenzell, B. 121514
Stephan, U. *see* Schade, K. 92895
Stephanakis, S.J. *see* Hinshelwood, D.D. 69638
Stephanakis, S.J. *see* Young, F.C. 69639
Stephanakis, S.J. *see* Young, F.C. 89639
Stephanakis, S.J. *see* Young, F.C. 120123
Stephani, D. *see* Akesson, T. 69833
Stephani, D. *see* Holzlein, K. 105595
Stephani, D. *see* Rupp, R. 103994
Stephani, D. *see* Stein, R.A. 105586
Stephansson, P. *see* Wiklund, P.-J. 82911
Stephany, R. *see* Montanaro, J. 73430
Stephen, D.Saji *see* Saji Stephen, D.
Stephen, J.B. *see* Rossi, E. 101013
Stephen, M.A. *see* Dallas, J.L. 107456
Stephen, R. Distribution challenges and solutions 70861
Stephen, R. Probabilistic determination of conductor current ratings 70932
Stephens, A. *see* Shi, Z. 92775
Stephens, A.B. *see* Lazoff, D.M. 109030
Stephens, A.W., Green, M.A. Novel method for minority-carrier mobility measurement using photoconductance decay with chemically passivated and plasma damaged surfaces 114575
Stephens, B. *see* Addison, C. 87249
Stephens, G.L., Jackson, D.L., Wittmeyer, I. Global observations of upper-tropospheric water vapor derived from TOVS radiance data 80617
Stephens, J. *see* Hutchinson, S. 62234
Stephens, J.E. *see* Sidhu, T.S. 102229
Stephens, L.S., Knospe, C.R. Effect of magnetic pole arrangement on core loss in laminated high-speed magnetic journal bearings 85816
Stephens, M. *see* Hollberg, L. 65593
Stephens, N.M. *see* Castelino, D.J. 88795
Stephens, P.B. *see* Sosnowski, T.S. 96724
Stephens, P.W. Gap strings and spanning forests for bridge graphs of biconnected graphs 103618
Stephens, R. *see* Biagtan, E. 100801
Stephens, S.A. *see* Barbiellini, G. 69722
Stephens, T., Krug, P.A., Brodzeli, Z., Dhosi, G., Ouellette, F., Poladian, L. 257 km transmission at 10 Gbit/s in non-dispersion-shifted fibre using an unchirped fibre Bragg grating dispersion compensator 99550
Stephens, T. *see* Davidson, L. 75461
Stephens, T. *see* Eggleton, B.J. 85032
Stephens, T. *see* Eggleton, B.J. 99555
Stephens, T. *see* Krug, P.A. 78701
Stephens, T. *see* Madden, S. 78846
Stephens, W. *see* Szymanski, J.J. 110589
Stephenson, D. Diffraction gratings: the clear choice 75651
Stephenson, E. *see* Derenchuk, V. 90093
Stephenson, E. *see* Derenchuk, V. 120079
Stephenson, E.J. *see* Caussyn, D.D. 119984
Stephenson, E.J. *see* Crandell, D.A. 100780
Stephenson, E.J. *see* Phelps, R.A. 119990
Stephenson, F.W. *see* Kuhn, W.B. 99219
Stephenson, F.W. *see* Kuhn, W.B. 118754
Stephenson, G.B. *see* Clevenger, L.A. 74635
Stephenson, G.B. *see* Mochrie, S.G.J. 94215
Stephenson, R. *see* Peigneux, J.P. 120164
Stepien, B., Logrippo, L. Representing and verifying intentions in telephony features using abstract data types 67698
Stepien, P., Gajda, R. Pure-phase iteratively generated Fourier hologram as a security mark 65543
Stepien, P., Gajda, R., Szoplik, T. Computer generated optically variable devices containing hidden information 65542
Stepien, P., Gajda, R., Szoplik, T. Distributed kinoforms in optical security applications 116764
Stepin, D.L. *see* Tur, Yu.D. 89711
Stepina, N.P. *see* Yakimov, A.I. 105193
Stepinski, T. *see* Ping Wu 111386
Stepkova, D. *see* Benda, V. 115153
Stepniewski, R., Gravier, L., Potemski, M., Martinez, G., Etienne, B. Relaxation processes in quantizing magnetic fields in the presence of a two-dimensional electron gas 62861
Stepp, D., King, J.A., Worrall, J., Thompson, A., Cooper, D.E. High-resolution study of water trees grown in silver nitrate solution 84703
Stepp, J. *see* Lumpkin, A. 100419
Steppe, J.M. *see* Kocur, C.M. 70086
Steranka, F.M. *see* Hofler, G.E. 96019
Sterbenz, J.P.G. Towards gigabit networking 78024
Sterbenz, J.P.G. Protocols for high speed networks: life after ATM? 118131
Sterenborg, H.J.C.M., Van Gemert, M.J.C. Photodynamic therapy with pulsed light sources: a theoretical analysis 70191
Stergiopulos, N. *see* Pythoud, F. 110658
Sterian, C.-E.D. Opportunistic channel for sending an extra 300 bit/s using a trellis coded modulation scheme which transmits 9.6 kbit/s on telephone lines 86026
Sterk, A.B. *see* Urbanus, W.H. 96085
Sterke, C.J.L.M. *see* van Mier, G.P.M. 72191
Sterke, C.M.de *see* de Sterke, C.M.
Sterkenburgh, T. *see* Nischwitz, S. 95780
Sterling, K. *see* Khorsandi, A. 80248
Sterling, T. *see* Reschke, C. 109111
Sterlini, C. *see* Campi, F. 120189
Sterlyadkin, V.V., Khapaev, T.M. An inverse problem of atmospheric radar sounding 90782
Sterman, L.S., Tishin, S.G., Kharaim, A.A. A comparison of the efficiency of combined and separate technologies for producing heat and power 71109
Stern, F., Laux, S.E., Kumar, A. Modeling effects of focused ion beams 63264
Stern, F. *see* Sadek, A. 94953
Stern, H.P. *see* Haskew, T.A. 81419
Stern, J. *see* Fischer, J.-B. 86070
Stern, J. *see* Pointcheval, D. 76838
Stern, J. *see* Rothwell, C. 67236
Stern, J.A. *see* Gaidis, M.C. 93773
Stern, J.A. *see* Padin, S. 73782
Stern, J.A. *see* Tong, C.-Y.E. 109847
Stern, M. *see* Daoqi Yu 96847
Stern, M. *see* Seong-Cheol Kim 97125
Stern, M.B. Binary optics: a VLSI-based microoptics technology 116165
Stern, M.S. *see* Komura, S. 116135
Stern, R. *see* Muller, J. 85313
Sternad, M., Ohrn, K., Ahlen, A. Robust H_2 filtering for structured uncertainty: the performance of probabilistic and minimax schemes 66839
Sternad, M. *see* Tidestav, C. 88361
Sternick, E.S. *see* Jen-San Tsai 70200
Sternick, E.S. *see* Tsai, J.-S. 110883
Sternklar, S. *see* Glick, Y. 116719
Sternowski, R.H. *see* Agan, M.J. 109584
Sternschulte, H., Horseling, J., Albrecht, T., Thonke, K., Sauer, R. Characterization of doped and undoped CVD-diamond films by cathodoluminescence 82713
Stervoedov, N.G. *see* Kresnin, Yu.A. 110491
Sterzbach, B., Halang, W.A. A mobile vehicle on-board computing and communication system 78564
Sterzenbach, G. *see* Albers, D. 69756
Sterzer, F. *see* Yost, T.A. 73766
Steski, D. *see* Jacobsen, F.M. 84184
Stesmans, A. Revision of H_2 passivation of P_b interface defects in standard (111)Si/SiO$_2$ 63137
Stesmans, A., Afanasev, V.V. Annealing induced degradation of thermal SiO$_2$: S center generation 105541
Stesmans, A. *see* Afanas'ev, V.V. 114834
Stessels, L. BINOC: Belgacom Integrated Network Operation Center 108970
Stessman, N.J., Vinnakota, B., Harjani, R. System-level design for test of fully differential analog circuits 114071
Stets, J.R. *see* Fine, S.M. 63327
Stetson, K.A. Noise-immune method for locating wrap regions in phase-step interferometry 98243
Stetson, P.E.LaVerne E. *see* LaVerne E. Stetson, P.E.
Stetsyuk, P.I. Convergence of r-algorithms 113165
Stetsyura, G.G. *see* Allenov, A.V. 118455
Stetter, M., Sendtner, R.A., Timberlake, G.T. A novel method for measuring saccade profiles using the scanning laser ophthalmoscope 80340
Stetter, M. *see* Achterberg, N. 62653
Stettner, H. *see* Schimek, M.G. 103550
Steuber, F. *see* Frankowsky, G. 75985
Steuch, H.E., Hille, J.T., Sun, W.H., Bisnett, M.J., Kirk, D.W. Reduction of NO$_x$ emissions from a dry process preheater kiln with calciner through the use of the urea-based SNCR process 101570
Steude, G. *see* Drechsler, M. 74372
Steup, D., Simon, A., Shaalan, M., Grub, A., Lin, C.I. A quasioptical doubler-array 73814
Steur, P.P.M. *see* Rusby, R.L. 119527
Stevels, A.L.N. *see* Boks, C.B. 79152
Stevels, A.L.N. *see* Cramer, J.M. 60753
Stevels, A.L.N. *see* Cramer, J.M. 103524
Stevels, A.L.N. *see* van Mier, G.P.M. 72191
Stevels, A.L.N. *see* Willems, M.L.A. 60745
Steven, G.P. *see* Nha Chu, D. 61090
Steven, R. *see* Bachmann, E.R. 88790
Stevendaal, U.Van *see* Van Stevendaal, U.
Stevens, A.L. *see* de Freitas, J.F.G. 102700
Stevens, A.L. *see* de Freitas, J.F.G. 111966
Stevens, C.G., Kuzmenko, P.J., Conaway, W.E., Magnotta, F., Thomas, N.L., Galkowski, J., Lewis, I.T., Alger, T.W. Cross dispersion infrared spectrometry (CDIRS) for remote chemical sensing 70483
Stevens, C.J., Dabbicco, M., Taylor, R.A., Ryan, J.F. Ultrafast electric field induced nonlinear response in ZnSe/ZnSeS superlattices 74397
Stevens, C.J. *see* Steyn, G.F. 69688
Stevens, D., Bird, P., Keyte, G. A SAR antenna calibration method 111126
Stevens, D.E. *see* Fournier, A. 101549
Stevens, D.S. *see* Lam, C.S. 99472
Stevens, D.W., Clark, E.A., Zipperian, D.C., Albrecht, E.D. *(editors)* Advances and Applications in the Metallography and Characterization of Materials and Microelectronic Components. Proceedings of the Twenty-Eighth Annual Technical Meeting of the International Metallographic Society 82063
Stevens, E.G. *see* Carter, N.J. 76493
Stevens, G.T. *see* Nussbaum, F. 90898
Stevens, H. *see* Keegstra, H. 104758
Stevens, J.C. *see* Johnson, D.F. 64583
Stevens, J.E. *see* Booth, J.L. 105605
Stevens, K.B. *see* Borky, J.M. 80567
Stevens, K.S. *see* Sanchez-Garcia, M.A. 62740
Stevens, M.L. *see* Hemenway, B.R. 68523
Stevens, M.L. *see* Kaminow, I.P. 77942
Stevens, N. Silicon implants getting the measure of humidity 69110
Stevens, N.E. Powering the new wave of wireless networks 78375
Stevens, R., McClean, I.P., Craven, M.R. Etching of AC thin film electroluminescent devices 64955
Stevens, R. *see* Howser, J. 82224
Stevens, R., Jr. *see* Sherman, J. 90071
Stevens, R., Jr. *see* Spence, D. 69693
Stevens, R.R. *see* Bolme, G.O. 89706
Stevens, R.R., Jr. *see* Nath, S. 100699
Stevens, R.R., Jr. *see* Swenson, D.R. 90095
Stevens, T. *see* Hunt, D. 100429
Stevens, T.D., Philbrick, C.R. Particle size distributions and extinction determined by a unique bistatic lidar technique 120797
Stevens, W. *see* Wu, Y. 78978
Stevens Kalceff, M.A. *see* Kim, Y. 114737
Stevenson, C.R., Peasley, C.J. The impact of the Mynydd y Cemmaes windfarm 102580
Stevenson, G.R. *see* Zazula, J.M. 100424
Stevenson, J.M. Lead batteries: production and economics 103105
Stevenson, J.O., Hosking, F.M., Guilinger, T.R., Yost, F.G., Sorensen, N.R. Inspection of chemically roughened copper surfaces using optical interferometry and scanning electron microscopy: Establishing a correlation between surface morphology and solderability 94038
Stevenson, J.O. *see* Hosking, F.M. 104952
Stevenson, J.T.M. *see* Elliott, J.P. 115305
Stevenson, J.T.M. *see* O'Hara, A. 75616
Stevenson, J.T.M. *see* Peyne, C.M. 114955
Stevenson, J.T.M. *see* Reeves, C.M. 63776
Stevenson, J.W., Armstrong, T.R., Weber, W.J. Effect of A-site cation deficiency and YSZ additions on sintering and properties of doped lanthanum manganite 81795
Stevenson, J.W. *see* Armstrong, T.R. 81843
Stevenson, N.R. *see* Milton, B.F. 79800
Stevenson, P. Design features affecting the operational life of VRLA batteries 81722
Stevenson, P. Sealed batteries and their working lives 102945
Stevenson, R.L. Reduction of coding artifacts in low-bit-rate video coding 97444
Stevenson, R.L. *see* Jillings, C.J. 74083
Stevenson, R.L. *see* O'Rourke, T.P. 67002
Stevenson, R.L. *see* Schmitz, B.E. 66987
Stevenson, R.L. *see* Schmitz, B.E. 77539
Stevenson, R.L. *see* Schultz, R.R. 66988
Stevenson, R.L. *see* Schultz, R.R. 77266
Stevenson, R.L. *see* Seung-Jin Choi 90895
Stevenson, R.M. *see* Andrew, J.E. 85423
Stevenson, R.M. *see* Bett, T.H. 85419
Stevenson, T. *see* Lennie, J. 77807
Stevie, F.A. *see* Kizilyalli, I.C. 114875
Steward, R.W., Toma, E. The application of DSP to acoustic noise suppression 77019
Stewardson, H.R. *see* Miran, S.M. 91647
Stewardson, H.R. *see* Miran, S.M. 103045
Stewart, A.J., Langer, M.S. Towards accurate recovery of shape from shading under diffuse lighting 86409
Stewart, B.K., Carter, S.J., Cook, J., Abbe, B.S., Pinck, D., Rowberg, A.H. Real-time compressed video ultrasound using the advanced communications technology satellite 109574
Stewart, C.V. *see* Miller, J.V. 86396
Stewart, D. *see* D'Iorio, M. 62911
Stewart, D. *see* D'Iorio, M.D. 105432
Stewart, D.C. *see* Martin, P.M. 91762
Stewart, D.E., Leyk, S. Error estimates for Krylov subspace approximations of matrix exponentials 92571
Stewart, F. Transfer benchmarking strategies from other industries 90969
Stewart, F.A. *see* van Geel, I.P.J. 80471
Stewart, G. *see* Blue, R. 69562
Stewart, G. *see* Jin, W. 79462

Stewart, G. *see* Wei Jin 69225
Stewart, G.W. Gauss, statistics, and Gaussian elimination 103545
Stewart, G.W. *see* Xiao-Wen Chang 113227
Stewart, H., Cannon, R. Advanced modulation techniques for digital satellite modems 88424
Stewart, I.D. *see* Salman, S. 102655
Stewart, J.A. *see* Luppov, V.G. 120085
Stewart, J.A.C. *see* Fusco, V.F. 93934
Stewart, J.A.C. *see* Hu, Z.R. 83297
Stewart, J.A.C. *see* Kelly, M.J. 63608
Stewart, J.A.C. *see* Leckey, J.G. 95053
Stewart, J.A.C. *see* Parks, G. 62311
Stewart, J.A.C. *see* Robinson, J. 62359
Stewart, J.C., Wilson, R.C. A NRC perspective on the revised 10 CFR part 21 rule for the procurement of commercial digital computer systems for use in safety system applications in nuclear power facilities 102378
Stewart, J.D. *see* Mackenzie, J.D. 103877
Stewart, J.R. *see* Bascom, E.C., III. 121170
Stewart, J.T. Finite element modeling of microelectromechanical structures for sensing applications 74988
Stewart, J.T. Geometrically non-linear finite element modeling of microelectromechanical structures subjected to electrostatic loading 106262
Stewart, J.T. *see* Bell, R.C. 111791
Stewart, J.T. *see* Kosinski, J.A. 106416
Stewart, K. *see* Labedz, G. 118963
Stewart, K.D. *see* Malinowski, M.E. 74019
Stewart, L. Paging technology: POCSAG, Golay paging codes 78550
Stewart, L. Paging technology: Flex, ERMES paging codes 88141
Stewart, L. Paging technology: Pager development, testing 88142
Stewart, M. *see* Prajapati, K. 115560
Stewart, N.M. *see* Ahmed, M.U. 74238
Stewart, R. *see* Dolny, G. 69396
Stewart, R. *see* Khormaei, R. 89376
Stewart, R.A. *see* Bukowski, J.D. 63403
Stewart, R.A. *see* Snodgrass, T.G. 114872
Stewart, R.E. *see* Dunn, J. 100901
Stewart, R.E. *see* Hanesiak, J.M. 80615
Stewart, R.W. *see* Harteneck, M. 117527
Stewart, R.W. *see* Roy, E. 97713
Stewart, R.W. *see* Roy, E. 114083
Stewart, T.L., Guo Li Application of split spectrum signal processing to space and frequency diversity in ultrasonic signal detection 73003
Stewart, W.K. Three-dimensional stochastic modeling using sonar sensing for undersea robotics 99676
Steyaer, M. *see* Kinget, P. 73580
Steyaert, B., Bruneel, H. Buffer dimensioning for rate adaption modules 108825
Steyaert, B., Bruneel, H. Accurate approximation of the cell loss ratio in ATM buffers with multiple servers 118062
Steyaert, B. *see* Bruneel, H. 77588
Steyaert, M. *see* Bastos, J. 114032
Steyaert, M. *see* Bastos, J. 115192
Steyaert, M. *see* Bastos, J. 115334
Steyaert, M. *see* Bienstman, J. 88981
Steyaert, M. *see* Kinget, P. 114325
Steyaert, M. *see* Kinget, P. 115343
Steyaert, M. *see* Peeters, E. 113699
Steyaert, M. *see* Peeters, E. 113786
Steyaert, M.S.J. *see* Craninckx, J. 73512
Steyaert, M.S.J. *see* Roovers, R. 73480
Steyn, G.F., Stevens, C.J. The importance of thermal entrance effects in gas-cooled beam windows for radioisotope production targets 69688
Steyn, P., Kunicki, J.S. Wireless multimedia system over SST channels 67930
Steyn-Ross, D.A., Steyn-Ross, M.L., Clift, S. Calibrating the AVHRR thermal infrared channels: determining the temperature of the internal calibration target 120727
Steyn-Ross, D.A. *see* Moldenhauer, O. 111257
Steyn-Ross, M.L. *see* Moldenhauer, O. 111257
Steyn-Ross, M.L. *see* Steyn-Ross, D.A. 120727
Steyskal, H. Synthesis of antenna patterns with imposed near-field nulls and their application 66044
Steyskal, H. Digital beamforming basics 97384
Sthel, M.Silva *see* Silva Sthel, M.
Stich, H., Blanchard, W.F., Lechner, W., Kayser, D., Gaillard, H. Assessment of the potential of satellite navigation systems for Europe: Results of a study for the European Commission 88752
Stieb, A.E. Polarizerless electro-optic IR shutter based on a cholesteric scattering effect 64820
Stieb, W. *see* Grajewski, F. 70937
Stieber, M.E., McKay, M., Vukovich, G., Petrin, E. Vision-based sensing and control for space robotics applications 108592
Stiebig, H., Ulrichs, C., Kulessa, T., Folsch, J., Finger, F., Wagner, H. Transient photocurrent response of a-Si:H based three-color nipin detector 100020
Stiebig, H. *see* Siebke, F. 94395
Stiebig, H. *see* Siebke, F. 94427
Stiebig, H. *see* Zhu, Q. 100104
Stiebing, K., Streitz, H., Schmidt, L., Schremmer, A., Bethge, K., Schmidt-Boecking, H., Schempp, A., Bessler, U., Beller, P., Madlung, J. The Frankfurt ECRIS-RFQ facility for materials research with highly charged ions 100749
Stiebing, K.E. *see* Hoogduin, J.M. 120201
Stiebler, M. *see* Lange, M. 71824
Stiebler, M. *see* Zwingel, R. 81453
Stiebler, W., Matthes, M., Bock, G., Koppel, T., Schafer, A. Bias-Dependent "Cold-(H)FET" modeling 95051
Stiebler, W. *see* Matthes, M. 73773
Stiefel, B. *see* Hug, H.J. 75170
Stiehl, A.L. Power flow analysis of beam members with multiple wave types 61091
Stienen, J.G.H. *see* Jorritsma, J. 114988
Stienstra, A.J. Pre-standardization of digital multimedia systems 98859
Stier, S. *see* Rapp, M. 110258
Stierlin, R. *see* Plessky, V.P. 106413
Stierlin, U. *see* Alexandrof, V.A. 100628
Stierman, R.J. *see* Groothuis, S.K. 112974
Stievenart, J.L. *see* Vera, P. 101130
Stigter, P.A. *see* Janssen, G.J.M. 119053
Stikoniene, O. *see* Ciegis, R. 113218
Stiles, B.W., Ghosh, J. Some limitations of linear memory architectures for signal processing 108352
Stiles, J.A.R. *see* Wu, X. 89405
Stiles, J.M., Sarabandi, K. Scattering from cultural grass canopies: a phase coherent model 111321
Stiles, J.M., Sarabandi, K., Ulaby, F. Scattering from cultural grass canopies: measured and modeled data 111322
Stiles, K.R. *see* Kizilyalli, I.C. 106227
Stiles, M.D. *see* Egelhoff, W.F., Jr. 115863
Stiliadis, D., Varma, A. Design and analysis of frame-based fair queueing: a new traffic scheduling algorithm for packet-switched networks 77593
Stiliadis, D., Varma, A. Latency-rate servers: a general model for analysis of traffic scheduling algorithms 87303
Stilke, G. *see* Alpers, W. 80647
Still, D. *see* Bharadwaj, V. 89676
Still, D.L. *see* Krebs, W.K. 90705
Still, G., Streng, M. Optimality conditions in smooth nonlinear programming 92504
Still, G. *see* Hettich, R. 72541
Still, G.S. *see* Bishop, J.W. 113964
Stiller, A. *see* Singer, M. 83458
Stiller, A. *see* Singer, M. 93874
Stiller, C. *see* Schafer, R. 115509
Stiller, M. *see* Manzel, M. 93701
Stiller, P.F., Asmuth, C.A., Wan, C.S. Invariants, indexing, and single view recognition 77173
Stillman, A. The slow control system of the muon g-2 experiment 89930
Stillman, A. Laser Compton polarimetry of proton beams 100568
Stillman, G.E., Feng, M., Fresina, M.A., Hartmann, Q.J., Ahmari, D.A., Mares, P.J., Thomas, S., Stockman, S.A., Jackson, S.L. Carbon-doped HBTs for OEICs 84337
Stillman, G.E. *see* Ahmari, D.A. 62236
Stillman, G.E. *see* Islam, M.R. 62906
Stillman, G.E. *see* Islam, M.R. 94472
Stillman, G.E. *see* Jackson, S.L. 104013
Stillman, G.E. *see* Kalem, S. 105236
Stillman, G.E. *see* Malin, J.I. 119675
Stillman, G.E. *see* Thomas, S. 94942
Stillman, R.H., Sappideen, C. Engineering risk and the legal consequences 111652
Stillman, R.H. *see* Mackisack, M.S. 82335
Stillson, C.A. *see* Kalki, K. 90359
Stillson, C.A. *see* Kalki, K. 101098
Stimac, R., Sinkovic, V. Channel assignment algorithm for mobile part of telecommunications network 88166
Stimets, R.W., Tang, H. Procedures for rapid pattern recognition of three-dimensional objects using parallel processing on a hexagonal pixel grid 66980
Stimmer, J., Reittinger, A., Nutzel, J.F., Abstreiter, G., Holzbrecher, H., Buchal, C. Electroluminescence of erbium-oxygen-doped silicon diodes grown by molecular beam epitaxy 75743
Stimming, U. *see* Erning, J.W. 81799
Stimming, U. *see* Riensche, E. 81367
Stimpfl-Abele, G. Feature extraction and classification of calorimeter data with neural nets 69790
Stimson, P.A., Dengler, R.J., Le Duc, H.G., Siegel, P.H. Superconducting heterodyne planar array using a dielectric filled parabola: status and measured performance 68809
Stinchcombe, M.A. Time domain beamforming algorithm using a novel systolic convolver array 68720
Stine, E.V., Chmielowski, M. High-refresh-rate color sequenced LCD 89404
Stingl, A., Spielman, C., Szipocs, R., Krausz, F. Compact high-repetition rate femtosecond lasers using chirped mirrors 116465
Stingl, A., Spielmann, Ch., Brabec, T., Lenzner, M., Krausz, F., Szipocs, R. Advances in ultrafast solid state lasers 107189
Stinson, B.M. *see* Nunez, G. 60453
Stinson, D.R. *see* Ateniese, G. 117193
Stinson, D.R. *see* Atici, M. 97492
Stinson, D.R. *see* Bierbrauer, J. 108157
Stinson, D.R. *see* Blundo, C. 97512
Stinson, D.R. *see* Blundo, C. 108142
Stinson, M. *see* Mishra, K.K. 83786
Stinton, D.P. *see* Judkins, R.R. 111806
Stinton, D.P. *see* Judkins, R.R. 111807
Stirbet, M. *see* Tuckmantel, J. 100498
Stirland, M.J. Cryptography in payments systems 77829
Stirner, T., Hagston, W.E. Influence of interface effects on the exciton magnetic-polaron energies in quantum wells and superlattices 94541
Stirum, B.de Limburg *see* de Limburg Stirum, B.
Stiteler, M.R., Ume, C., Leutz, B. In-process board warpage measurement in a lab scale wave soldering oven 114439
Stites, L. Internet access: deja vu all over again 109125
Stitzer, S.N. Finite element modeling of ferrite phase shifters 83309
Stival, M. *see* Asti, S. 115162
Stivali, F. *see* Aiello, A. 113618
Stoa, P. Soft communicating meters 102307
Stochaj, S.J. *see* Barbiellini, G. 69722
Stochino, G. Low offset, high voltage class AB bipolar voltage-current converter 104299
Stochino, G. *see* Alesii, F. 95173
Stochniol, G., Grubmeier, H., Naoumidis, A., Nickel, H. EPMA on interfaces between cathode and electrolyte of the solid oxide fuel cell 81848
Stock, A. *see* Moyne, J.R. 87755
Stock, B. *see* Thwaites, J.H. 70279
Stock, D. *see* Gilmer, G.H. 72843
Stock, F. The HERMES-FILTEX target source for polarized hydrogen and deuterium 120081
Stock, F. *see* Rathmann, F. 119987
Stock, F. *see* Zapfe, K. 120083
Stock, K.D., Hofer, H. PTB primary standard for optical radiant power: transfer-optimized facility in the clean-room centre 88893
Stock, M. *see* Friedrich, R. 89074
Stock, R. *see* Bormann, C. 90198
Stock, R.D., Siegel, M.W. Orientation invariant light source parameters 122072
Stock, S.R., Rek, Z.U., Goorsky, M.S. Characterization of $TaSi_2$-Si composites for use as wide-bandpass optical elements for synchrotron radiation 69908
Stock, S.R. *see* Neumann, H.B. 69903
Stock, S.R. *see* Ready, W.J. 93991
Stock, U. *see* Link, J. 90396
Stockbroeckx, B. *see* Huynen, I. 64486
Stockdale, I. *see* Abe, K. 69708
Stockdale, I. *see* Abe, K. 69726
Stockel, C.T. *see* Ray, G.P. 109044
Stockel, R., Janischowsky, K., Rohmfeld, S., Ristein, J., Hundhausen, M., Ley, L. Diamond growth during bias pre-treatment in the microwave CVD of diamond 72921
Stockel, R. *see* Heinrich, G. 72918
Stocker, A.D. *see* Winter, E.M. 108555
Stocker, E. *see* Lecourtier, Y. 86610
Stocker, H. *see* Bruckboeck, P. 109303
Stockhorst, H., Heinrichs, G., Schnase, A., Papureanu, S., Bechstedt, U., Maier, R., Tolle, R. Beam shaping using a new digital noise generator 100573
Stockhorst, H. *see* Bechstedt, U. 100747
Stockhorst, H. *see* Brauksiepe, S. 100815
Stocking, A. *see* Sheats, J.R. 116244
Stockinger, F. *see* Haeusler, G. 79355
Stocklein, W., Rutzen, W., Unger, C. Comparison of different calibration methods of optical time domain reflectometers 68952
Stocklein, W. *see* Rutzen, W. 75485
Stockley, B.C. *see* Buckberry, C.H. 82787
Stockli, A.L. *see* Walchli, U. 89559
Stockman, S.A. *see* Stillman, G.E. 84337
Stockmann, H.-J. *see* Haake, F. 107992
Stockmann, M., Naumann, J., Bormann, P., Pelz, F. On the resistance behaviour of high elongation strain gages. 1. Physical foundations 99920
Stockmeier, T. *see* Bauer, F. 105910
Stocks, S. Performance assessment of nonceramic overhead line insulators 102222
Stockstad, T., Petty, T., Yee, R. A micropower safety IC for rechargeable lithium batteries 104343
Stockwell, R.G., Lowe, R.P., Mansinha, L. Localized cross spectral analysis with 'phase corrected' wavelets 101548
Stockwell, R.G., Mansinha, L., Lowe, R.P. Localization of the complex spectrum: the S transform 66710
Stockwell, W. *see* Sadoulet, B. 100818
Stockwood, J. *see* Lysaght, P. 93315
Stoddart, A.J. *see* Hilton, A. 67230
Stoddart, J.F. *see* Gomez-Lopez, M. 114453
Stoeckel, F. *see* Kachanov, A. 75898
Stoeckel, F. *see* Lacot, E. 107216
Stoeckel, F. *see* Romanini, D. 96184
Stoecker, M., Reitboeck, H.J., Eckhorn, R. A neural network for scene segmentation by temporal coding 77252
Stoecklein, W. *see* Roller, A. 88617
Stoeffl, W. *see* Heifets, S. 89624
Stoeffl, W. *see* Heim, J. 79957
Stoeffl, W. *see* Holdener, F.R. 100432
Stoeffl, W. *see* Wienands, U. 89916
Stoeffl, W. *see* Zimmermann, F. 79954
Stoeldraijer, J. *see* Mulkens, J. 84276
Stoemenos, J. Structural defects in SIMOX 94702
Stoemenos, J. *see* Camassel, J. 104051
Stoemenos, J. *see* Frangis, N. 94711
Stoemenos, J. *see* Heera, V. 104052
Stoemenos, J. *see* Lossy, R. 105593
Stoemenos, J. *see* Pacaud, Y. 105591

Stoemenos, J. *see* Reichert, W. 105216
Stoemenos, J. *see* Zekentes, K. 113319
Stoetzer, M.-W., Tewes, D. Competition in the German cellular market? Lessons of duopoly 78490
Stoev, I. Anisotropic etching of Si(100) studied by scanning electron microscopy 74862
Stoev, M.D., Katerski, A.P., Stefanov, R. Surface and thin film analysis of CdTe layers for solar cells 121900
Stoev, V.D. *see* Christov, I.P. 116425
Stofel, E.J. *see* Dagarin, B.P. 80571
Stofel, E.J. *see* Hofland, L.M. 80572
Stoffel, A., Kovacs, A., Reckleben, C., Schatzle, M. Electrochemical etching of thin membranes on silicon surfaces containing integrated circuits 63346
Stoffel, N., Zhang, C., Kramer, E.J. Adhesion of polyimide laminates 112966
Stoffel, N. *see* Doverspike, R. 98681
Stoffel, N.C., Hsieh, M., Kramer, E.J., Volksen, W. Adhesion enhancement and lamination of polyimide films 60617
Stoffels, J.G.C. *see* Jurg, A. 95148
Stoffer, D. *see* Nipp, K. 113247
Stoffregen, U. *see* Haake, F. 107992
Stoger, G., Brunthaler, G., Bauer, G., Jaroszynski, J., Sawicki, M., Dietl, T., Schaffler, F. Metal-insulator transition in Sb-doped short period Si/SiGe superlattices 62958
Stoger, H. IAW on the way to certification according to EN DIN ISO 9001 [quality standard] 80849
Stogioglou, A.G., McLaughlin, S. MA parameter estimation and cumulant enhancement 86216
Stogioglou, A.G., McLaughlin, S. Composite cumulant-property mapping for MA cumulant matching 117496
Stogioglou, A.G. *see* Fackrell, J.W.A. 117494
Stogner, D. *see* Garg, V. 73907
Stogryn, A. *see* Karam, M.A. 120659
Stogryn, A.P. *see* Butler, C.T. 70491
Stohr, A. *see* Berini, P. 116086
Stohr, A. *see* Massini, C. 99588
Stohr, C. *see* Ehrich, M. 65698
Stohrer, J. *see* Maurer, R. 85139
Stoian, R. *see* Apostol, I. 72948
Stoica, E. *see* Abdel-Wahab, H. 112811
Stoica, E. *see* Maly, K. 109249
Stoica, I. *see* Abdel-Wahab, H. 67881
Stoica, I. *see* Abdel-Wahab, H. 87886
Stoica, M. *see* Oprea, I. 91274
Stoica, M. *see* Udrea, M. 75598
Stoica, P., Jakobsson, A., Li, J. Matrix optimization result with DSP applications 108330
Stoica, P., Kon Max Wong, Qiang Wu On a nonparametric detection method for array signal processing in correlated noise fields 66715
Stoica, P., Viberg, M., Kon Max Wong, Qiang Wu Maximum-likelihood bearing estimation with partly calibrated arrays in spatially correlated noise fields 66698
Stoica, P. *see* Besson, O. 108325
Stoica, P. *see* Cedervall, M. 66655
Stoica, P. *see* Jian Li 78998
Stoica, P. *see* Kangas, A. 76923
Stoica, P. *see* Li, J. 66769
Stoica, S. Design for test in automotive electronics 81985
Stoiljkovic, V., Pennock, S.R., Shepherd, P.R. The use of the FDTD method in the design of IDG antennas 66098
Stoiljkovic, V., Pennock, S.R., Shepherd, P.R. FDTD modelling of IDG structures 116957
Stoilkov, V., Cundev, M., Petkovska, L., Najdenkoski, K. Computer aided design of low-voltage linear actuator 76361
Stoilov, G. *see* Tontchev, D. 85740
Stoisiek, M. *see* Oppermann, K.-G. 104317
Stojadinovic, N., Spirito, P. Power semiconductor devices–continuous development 61631
Stojadinovic, N. *see* Pantic, D. 84451
Stojadinovic, N. *see* Pesic, B. 94634
Stojadinovic, N. *see* Prijic, Z. 84364
Stojadinovic, N. *see* Stamenkovic, Z. 63881
Stojanov, S.A. *see* Chernikov, S.B. 107102
Stojanov, S.A. *see* Chernikov, S.B. 116359
Stojanovic, D. Electric power system dynamics simulation 111430
Stojanovic, M. Recent advances in high-speed underwater acoustic communications 68532
Stojanovic, M. Splines difference methods for a singular perturbation problem 103719
Stojanovic, M., Jeynes, C., Bibic, N., Milosavljevic, M., Vasic, A., Milosevic, Z. Frequency noise level of As ion implanted TiN-Ti-Si structures 114799
Stojanovic, M., Vasic, A., Jeynes, C. Ion implanted silicides studies by frequency noise level measurements 94585
Stojanovic, M., Zvonar, Z. Multichannel processing of broad-band multiuser communication signals in shallow water acoustic channels 68536
Stojanovic, M., Zvonar, Z. Multisensor multiuser receivers for time-dispersive multipath fading channels 68540
Stojanovic, M. *see* Zvonar, Z. 109351
Stojanovic, Z. *see* Gajic, A. 111821
Stojanovski, T. *see* Kocarev, L. 86111
Stojanovski, T. *see* Parlitz, U. 66539
Stojanovski, T.D. *see* Kocarev, L.M. 104295
Stojcev, M. *see* Pavlovic, V. 110453
Stojcev, M.K. *see* Milentijevic, I.Z. 83034
Stojda, M. Digital post production–how the new generation of digital tools will redefine the nature of content creation for high-end programs 109898
Stok, L., Kung, D.S., Brand, D., Drumm, A.D., Sullivan, A.J., Reddy, L.N., Hieter, N., Geiger, D.J., Chao, H.I., Osler, P.J. BooleDozer: logic synthesis for ASICs 113637
Stoker, C.R., Barch, D., Farmer, J., Flagg, M., Healy, T., Tengdin, T., Thomas, H., Schwer, K., Stakes, D. Exploration of Mono Lake with an ROV: a prototype experiment for the MAPS AUV program 90821
Stoker, J. *see* Abraham, W. 89701
Stoker, J.D. *see* Yu, S. 89736
Stokes, A.D. *see* Hammon, T.E. 79503
Stokes, D. *see* Kim, T. 105686
Stokes, M.J. *see* Outten, A.G. 70128
Stokes, O.L., Nilsson, A.A. Analysis of MPEG-1 transmission through B-ISDN ATM networks 87951
Stokes, P. Safe safety marks 112831
Stokes, S. *see* Fawcett, B. 113856
Stokes, S. *see* Suetsugu, Y. 64700
Stokkum, I.H.M.van *see* van Stokkum, I.H.M.
Stoklitsky, S.A. *see* Mityagin, Yu.A. 65362
Stoklosa, J. Integrity of data: FSR-hash 97533
Stoklosa, J. Firewalls–secure Internet connections 109112
Stokoe, C. *see* Titterton, D.H. 96191
Stokoe, C. *see* Titterton, D.H. 107174
Stokowski, S.E. *see* Altendorfer, H. 92311
Stokowski, S.E. *see* Nikoonahad, M. 85778
Stola, L., Tenani, P., Urso, G.L. Indoor propagation: Experimental validation at 1.7 GHz of a UTD-based approach 118756
Stola, L. *see* Mattiello, C. 99340
Stolarczyk, T. *see* Cribier, M. 110538
Stolen, I. *see* Holen, A.T. 102035
Stolen, K. *see* Grosu, R. 118438
Stolen, R.H. *see* Eiselt, M. 85016
Stolen, S. *see* Sakai, N. 81838
Stolichnov, I.A. *see* Sankin, V.I. 114722
Stolin, A.M., Sharivker, S.Yu., Stelmakh, L.S., Melhus, O., Ratkje, S.K. The stress strain state of the oxide wall in two-dimensional temperature field in a SOFC single cell 81862
Stolk, P.A. *see* Benton, J.L. 63235
Stolk, P.A. *see* Benton, J.L. 63255
Stolk, P.A. *see* Benton, J.L. 114863
Stolk, P.A. *see* Cheng, J.Y. 105547
Stolk, P.A. *see* Gossman, H.-J. 63256
Stolk, P.A. *see* Haynes, T.E. 105545
Stolk, P.A. *see* Huizing, H.G.A. 94668
Stoll, K., Kramer, G. Dynamic excess absorption of saturable Doppler-broadened transitions 85686
Stoll, L. *see* Schienle, M. 68472
Stoll, L. *see* Wenger, G. 119194
Stoll, M.P. *see* Kologo, N. 90752
Stoll, P.A., Ohya, J. Applications of HMM modeling to recognizing human gestures in image sequences for a man-machine interface 108734
Stoll, R.L. *see* Sykulski, J.K. 95452
Stoll, S. *see* David, G. 80077
Stoll, S. *see* David, G. 100863
Stoll, S.P. *see* Woody, C.L. 80055
Stoll, S.P. *see* Woody, C.L. 100895
Stoll, S.P. *see* Zhu, R.Y. 100811
Stoll, Y.P. *see* Woody, C.L. 100893
Stolle, R., Schiek, B. A general approach to the estimation of measurement errors in microwave range finding 100302
Stolle, R. *see* Kerkow, H. 90184
Stoller, S.D., DeTreville, J.D. Storage replication and layout in video-on-demand servers 118215
Stollon, N.S. Addressing signal processing complexity using VHDL 97744
Stolov, E.L. Binary counter-based test generator in systems of compact testing 83028
Stolow, A. Gigahertz bandwidth ultrahigh vacuum 50 Ω coaxial high-voltage coupling capacitor for photoelectron spectroscopy 62387
Stolow, A. *see* Constant, E. 107517
Stolt, L. *see* Hariskos, D. 103013
Stolt, L. *see* Kylner, A. 113399
Stolt, L. *see* Schock, W. 112340
Stolte, B.K. *see* Graedel, T.E. 72373
Stolte, J.S. *see* Light, G.M. 120925
Stolte, N. *see* Krozer, V. 83526
Stolte, S. *see* Weissman, D.E. 120741
Stolte, W.J. *see* Farmer, B.K. 111837
Stoltz, S. *see* Jonker, B.T. 74336
Stolupin, V.A. *see* Bystritsky, V.M. 90137
Stolyarov, V.L. *see* Lisovskii, Yu.A. 95372
Stolyarsky, V.I. *see* Borodich, A.I. 90014
Stolz, A. *see* Zeitelhack, K. 69712
Stolz, C. *see* Bodemann, A. 107463
Stolz, C. *see* Wu, Z.L. 106925
Stolz, C.J., Genin, F.Y., Kozlowski, M.R., Long, D., Lalazari, R., Wu, Z.L., Kuo, P.K. Influence of microstructure on laser damage threshold of IBS coatings 106921
Stolz, C.J., Tench, R.J., Kozlowski, M.R., Fornier, A. A comparison of nodular defect seed geometries from different deposition techniques 106923
Stolz, R. *see* Schultze, V. 95485
Stolz, R. *see* Whaley, D.R. 105076
Stolz, W. *see* Bastian, G. 83940
Stolz, W. *see* Cundiff, S.T. 96715
Stolz, W. *see* Feldmann, J. 62864
Stolz, W. *see* Koch, M. 107574
Stolz, W. *see* Marschner, T. 61299
Stolz, W. *see* Marschner, T. 114759
Stolz, W. *see* Protzmann, H. 103889
Stolz, W. *see* Volk, M. 63043
Stolz, W. *see* Wehner, M.U. 65494
Stolz, W. *see* Zimmermann, G. 61223
Stolzenburg, C. *see* Shu, Q.S. 100497
Stoma, S.A., Trifonov, Yu.V. First Russian geostationary satellite in orbit 80541
Stomberg, H. *see* Asplund, G. 91121
Stone, C.R. *see* Mendis, K.J.S. 91314
Stone, D. *see* Chih-Cheng Lu 68359
Stone, D. *see* Dowd, P. 78919
Stone, D. *see* Vusirikala, V. 96382
Stone, D.A., Chambers, B., Howe, D. Easing EMC problems in switched mode power converters by random modulation of the PWM carrier frequency 61609
Stone, D.A. *see* Ryan, N.J. 91801
Stone, D.R. *see* Lu, C.R. 62705
Stone, E.A. *see* Gupta, B.S. 70211
Stone, G., Warminski, T. A new window for studying ultraviolet-illuminated germanosilicate glass devices 75463
Stone, G. *see* Kapler, J. 71217
Stone, G.C. The use of partial discharge measurements to assess the condition of rotating machine insulation 95285
Stone, J.J. *see* Gillard, C.H. 119437
Stone, J.L., Ullal, H.S. PV opportunities in India 111840
Stone, K. *see* Sheng, S. 78537
Stone, M. *see* Franssila, S. 63423
Stone, R.A. *see* Schmid, G.F. 101080
Stone, R.J., Michels, J.G., Wong, S.L., Foxon, C.T., Nicholas, R.J., Fox, A.M. Landau assisted vertical transport in MQW p-i-n GaAs/AlGaAs diodes 105866
Stone, R.S. *see* Key, J.R. 120763
Stone, S. *see* Efimov, A. 69715
Stone, S. *see* Kopp, S. 80078
Stone, S. *see* Playfer, S. 69749
Stone, T.W. *see* Battiato, J.M. 116157
Stone, T.W. *see* Malcuit, M.S. 65563
Stoneback, D. *see* Raskin, D. 99765
Stoneman, R.C., Esterowitz, L., Feldman, B.J. Diode pumped 1.94 μm Tm:YALO laser 65168
Stoner, J. *see* Iida, F. 95520
Stoner, J. *see* Krivchenkov, Yu. 95582
Stoner, J. *see* Yoshida, K. 95513
Stoner, R. *see* Catravas, P. 76055
Stoner, R. *see* Catravas, P. 96554
Stones, D.I. *see* Goel, J. 83466
Stonham, J. *see* Rickman, R. 66918
Stonham, T.J. *see* Schofield, A.J. 86360
Stoof, T.H., Bauer, G.E.W. Density-functional theory of quantum dots in the high magnetic field limit 62998
Stoof, T.H., Nazarov, Yu.V. Kinetic-equation approach to diffusive superconducting hybrid devices 75356
Stoops, D. *see* Benayad-Cherif, F. 79551
Stopa, C.R.S. *see* Migliano, A.C.C. 106629
Stopa, E. Performance of the intelligent network services 98836
Stopjakova, V. *see* Sidiropulos, M. 115265
Stopper, H., Banker, J., Miller, R. Quick-turn MCMs 83663
Stopper, H. *see* Garrison, A. 90698
Stopponi, G. *see* Ciampolini, P. 113695
Stor-Pellinen, J., Ermolov, V., Luukkala, M. Magnetoacoustic storage correlator used as adaptive matching filter in correlation system for ultrasonic imaging 84850
Stor-Pellinen, J. *see* Ermolov, V. 104246
Storace, M. *see* Cincotti, S. 73896
Storasta, J. *see* Kazukauskas, V. 114598
Storasta, J. *see* Kiliulis, R. 114646
Storchun, P.E. *see* Savitsky, V.G. 94341
Storck, D. A new approach to integrity of digital images 117619
Stordahl, K. *see* Olsen, B.T. 78788
Stordahl, K. *see* Olsen, B.T. 98910
Storer, J.A. Lossless image compression using generalized LZ1-type methods 86735
Storer, J.A. *see* Carpentieri, B. 88010
Storer, J.A. *see* De Agostino, S. 108153
Storer, J.A., Cohn, M. *(editors)* Proceedings DCC'96. Data Compression Conference (Cat. No.96TB100013) 72092
Storer, R.H., Flanders, S.W., Wu, S.D. Problem space local search for number partitioning 82422
Storey, J. *see* Ashkenazi, V. 79079
Storey, J.W.V. *see* Sun, Y.-S. 69261
Storey, R. *see* Popkin, D. 119401
Storgaard-Larsen, T., Bouwstra, S., Leistiko, O. Opto-mechanical accelerometer based on strain sensing by a Bragg grating in a planar waveguide 89116
Stork, E.J. *see* Moon-Young Choi 112777
Stork, J.M.C. SiGe heterojunction bipolar transistors: The first ten years 84321
Stork, W. *see* Brandl, D. 89573
Stork, W. *see* Itoh, H. 89572
Storm, A. *see* Werner, K. 103923
Storm, A.B. *see* Lukey, P.W. 84499
Storm, H. *see* Panzlaff, K. 92779
Storm, P., Wei, W. Environmental sources on the World Wide Web 98715

Storm, P.V., Cappelli, M.A. Stark broadening corrections to laser-induced fluorescence temperature measurements in a hydrogen arcjet plume 110418
Storment, C. *see* Klaassen, E.H. 84625
Stormer, J., Triftshauser, W., Hozhabri, N., Alavi, K. Vacancy-type defects in molecular beam epitaxy low temperature grown GaAs, a positron beam lifetime study 104008
Stormer, J. *see* Brauer, G. 94452
Storms, A.D. *see* McCall, L.V. 102891
Storn, R. On the usage of differential evolution for function optimization 92573
Storn, R. Differential evolution design of an IIR-filter 93604
Storn, R. Efficient input reordering for the DCT based on a real-valued decimation-in-time FFT 97665
Stornelli, S. *see* Tadikonda, S.S.K. 70309
Storoy, S. Optimal weights and degeneracy in variable aggregated linear programs 92531
Storr, W. *see* Williams, M.E. 83657
Storr, W.R. *see* Shaukatullah, H. 103448
Storrs, M., Mehrl, D.J., Walkup, J.F. Programmable spatial filtering with bacteriorhodopsin 95937
Storto, M.L. *see* Andriole, K.P. 111012
Storvick, T.S. *see* Gabis, D.H. 99946
Story, J.R. Teaching electrical safety in engineering (or how to avoid electrocution) 103349
Story, M. *see* Hung, J.Y. 71516
Story, P.R. *see* Vetelino, K. 110465
Story, P.R. *see* Vetelino, K.A. 89029
Stothard, B.P. *see* Rodriguez Tellez, J. 95032
Stothard, B.P. *see* Tellez, J.R. 74763
Stott, D.D., Burek, R.K., Eisenreich, P., Kroutil, J.E., Schwartz, P.D., Sweitzer, G.F. The MSX command and data handling system 90688
Stott, J.H. The DVB terrestrial (DVB-T) specification and its implementation in a practical modem 119389
Stottelder, U. *see* Herfet, T. 68867
Stotts, D. *see* Capps, M. 112813
Stotz, M., Gottwald, G., Haspeklo, H., Wenger, J. Planar millimeter-wave antennas using SiN$_x$-membranes on GaAs 108077
Stoughton, R.B. *see* Allen, M.R. 109778
Stouraitis, T. *see* Paliouras, V. 93462
Stouraitis, T. *see* Rjoub, A. 113923
Stout, D. *see* Wissel, L. 113866
Stout, D.S. *see* LaFrate, P.J., Jr. 81246
Stout, D.W. *see* Bednar, T.R. 113817
Stout, K.J. *see* Mainsah, E. 79266
Stout, K.J. *see* Mainsah, E. 79706
Stout, K.J. *see* Mainsah, E. 110092
Stout, Q.F. *see* Hardwick, J.P. 113071
Stoutland, P.O. *see* Quagliano, J.R. 110427
Stovall, J.E. *see* Billen, J.H. 89725
Stovall, J.E. *see* Takeda, H. 89726
Stovall, J.E. *see* Takeda, H. 89965
Stover, G. *see* Teytelman, D. 100523
Stover, G.D. Analysis and design modifications for upgrade of storage ring bump pulse system driving the injection bump magnets at the ALS 89775
Stover, J. *see* Huff, H.R. 63858
Stover, R. *see* Blouke, M.M. 100119
Stover, R.J. *see* Booth, D.E. 63199
Stover, R.J. *see* Wei, M. 100134
Stovring-Hallsson, S. *see* Jansson, B. 81003
Stow, D., Hope, A., Nguyen, A.T., Phinn, S., Benkelman, C.A. Monitoring detailed land surface changes using an airborne multispectral digital camera system 111340
Stowe, D.W. *see* Cryan, C.V. 84995
Stoyanof, M. *see* Glaister, D.S. 90884
Stoyanov, B.P., Beyazov, J.J. Flow control and measurement 89565
Stoyanov, D.V. Inverse method for determination of picosecond intervals between two single photons 69859
Stoyanov, D.V., Gurdev, L.L., Dreischuh, T.N. Reduction of the pulse spike-cut error in Fourier-deconvolved lidar profiles 109809
Stoyanov, N.D. *see* Mikhailova, M.P. 116234
Stoyanov, S.N. *see* Shishkov, B.B. 86293
Stoyanova, V.B. *see* Trifonova, E.P. 92675
Stoye, P. *see* Fuchs, G. 115959
Stoyenko, A.D. *see* Younis, M.F. 66890
Stoykova, E. *see* Deneva, M. 65404
Straat, D.A.van de *see* van de Straat, D.A.
Straboni, A. *see* Bravaix, A. 63669
Straboni, A. *see* Zimmermann, J. 63699
Stracca, G.B. *see* Macchiarella, G. 62186
Strachan, W.J., Reiner, J., Goodhue, W.D., Karakashian, A.S., Casasanta, V., Geller, J.D. Analysis of molecular beam epitaxy grown Ga$_{1-x}$Al$_x$As/Ga$_{1-y}$Al$_y$As dielectric stack mirrors using complex indices of refraction 82688
Strachotinsky, C. *see* Duftschmid, K.E. 110974
Strachotinsky, C. *see* Duftschmid, K.E. 120572
Strachotinsky, C. *see* Pernicka, F. 80531
Strack, C.M. Applying optical scanners 119612
Strack, D., Fudem, H., Kuss, F., Marsh, W., Costello, J. Solder free interconnects for mixed signal (DC/microwave) systems 84215
Strack, R. Challenges in mobile information systems and services 118577
Strack, R. *see* Belz, C. 118576
Strack, R. *see* Martellotti, G. 80122
Strackee, J., Werman, M. The slope of a straight line: a phony estimator [plus comments by M. Werman] 113222
Stradic, B.Le *see* Le Stradic, B.
Stradins, P., Fritzsche, H. Light-induced metastable changes in defect density and photoconductivity of a-Si:H between 4.2 and 300 K 94241
Stradins, P. *see* Fritzsche, H. 95943
Stradling, R.A. The electronic properties and applications of quantum wells and superlattices of III-V narrow gap semiconductors 83934
Stradling, R.A. *see* Ciesla, C.M. 105348
Stradling, R.A. *see* Li, Y.B. 105312
Stradling, R.A. *see* Tang, P.J.P. 114775
Stradtmann, R.R., Lee, J.W., Abenathy, C.R., Pearton, S.J., Hobson, W.S. Ar plasma-induced damage in AlGaAs 114964
Straede, C.A. Application of ion implantation in tooling industry 92183
Stragas, T. *see* Sidiropoulos, N.D. 77276
Strahl, K. *see* Fernholz, R.C. 69747
Strahle, S., Long, W., Henle, B., Mittermeier, E., Kunzel, H., Kohn, E. Improved microwave performance of InP based HEMT using a floating gate tetrode arrangement 104832
Strahler, A. *see* Li, X. 111311
Strahler, A. *see* Muchoney, D.M. 120889
Strahler, A. *see* Ni, W. 120898
Strahler, A.H. *see* Borak, J.S. 120891
Strahler, A.H. *see* Brodley, C.E. 111132
Strahler, A.H. *see* Gopal, S. 111133
Strain, R.C., Moody, J.C., Hahn, E.C., Dunbar, B.E., Kavoussi, S., Mittelman, J.p. Airborne information initiatives capitalizing on a multi-purpose broadcast communications architecture 70396
Strain, R.C., Moody, J.C., Hahn, E.C., Dunbar, B.E., Kavoussi, S., Mittelman, J.P. Airborne information initiatives: capitalizing on a multi-purpose broadcast communications architecture 120648
Strain, R.C. *see* Wanke, C.R. 70395
Strait, E.J. Frequency response of metal-clad inductive magnetic field probes 99900
Strait, E.J. *see* Broesch, J.D. 93631
Straka, P., Kralikova, B., Skala, J., Turcicova, H. Study of highly non-steady-state regime of stimulated Brillouin scattering at laser PERUN 116313
Straka, P. *see* Woryna, E. 110530
Straka, W.C., Gregorwich, W.S. Improved efficiency for users of the Global Positioning System 88786
Strakos, Z. *see* Greenbaum, A. 103737
Stralen, M.J.N.van *see* van Stralen, M.J.N.
Strampp, W. *see* Kolbig, K.S. 72652
Strand, A. *see* Rinnan, A. 90737
Strand, O.T. Low-cost automated fiber pigtailing machine 116047
Strand, S.-E. *see* Erlandsson, K. 101174
Strand, S.-E. *see* Ljungberg, M. 101104
Strand, S.-E. *see* Ljunggren, K. 101257
Strand, T., Hansen, R., Mrig, L. Technical evaluation of a USSC Integrated/Direct Mount PV Roofing Module system at NREL 112383
Strand, T., Mrig, L., Hansen, R., Emery, K. Technical evaluation of a dual-junction same-band-gap amorphous silicon photovoltaic system 103029
Strand, T. *see* Combs, R. 72298
Strand, T. *see* Mrig, L. 112354
Strand, T.A., Naone, R.L., Coldren, L.A., Hu, E.L. Formation of GaAs quantum well islands by thermal desorption using an AlAs mask 105357
Strandberg, J. *see* Einarsson, G. 68393
Strandell, M. *see* Nourbakhsh, F. 71464
Strandjord, A.J.G., Ida, Y., Garrou, P.E., Boyd Rogers, W., Cummings, S.L., Kisting, S.R. MCM-D fabrication with photosensitive benzocyclobutene: (Processing, solder bumping, systems assembly, and testing) 83669
Strandman, C., Backlund, Y. Fabrication of bulk silicon holding structures for mounting of optical fibres in v-grooves 74868
Strang, D.E. *see* Hilgers, J.W. 67388
Strangas, E.G. *see* Khalil, H.K. 102694
Strangio, C.E. PC-based cable and continuity test system 114359
Stranneby, D. Assigning power and frequency to links in HF radio networks using a neural network approach 99067
Strappaveccia, P. *see* Scarinci, F. 113321
Strasberg, M., Gaunaurd, G.C., Huang, H. Comments on "acoustic scattering by an air bubble near the sea surface" [and reply] 70505
Strashilov, V.L. *see* Boyanov, B.I. 106436
Strasilla, U., Tran, Y. A high-contrast random access photo-diode array spectroscopy system 110164
Strass, A., Schuppen, A. Nanoelectronic basic structures in Si and SiGe. Molecular beam epitaxy 104016
Strassberg, D. Powerline communication: wireless technology 99048
Strassberg, D. Digital oscilloscopes: for best results, understand how they work 110279
Strassberg, D. BIST: pie in the sky no longer 112870
Strassburg, M. *see* Dadgar, A. 92784
Strassenburg, B. *see* Woudsma, R. 93412
Strasser, E., Selberherr, S. Three-dimensional simulation of step coverage for contact hole metallization 63443
Strasser, E. *see* Leitner, E. 74818
Strasser, G. *see* Eder, C. 62937
Strasser, G. *see* Eder, C. 105389
Strasser, G. *see* Smoliner, J. 105386
Strasser, T. *see* Stentz, A.J. 65106
Strasser, T.A. Fiber grating devices for WDM systems 68438
Strasser, T.A. Photosensitivity in phosphorus fibers 75440
Strasser, T.A., Chandonnet, P.J., DeMarco, J., Soccolich, C.E., Pedrazzani, J.R., DiGiovanni, D.J., Andrejco, M.J., Shenk, D.S. UV-induced fiber grating OADM devices for efficient bandwidth utilization 88633
Strasser, T.A. *see* Eskilden, L. 109617
Strasser, T.A. *see* Eskildsen, L. 78688
Strasser, T.A. *see* Evangelides, S.G., Jr. 109667
Strasser, T.A. *see* Hansen, P.B. 68498
Strasser, T.A. *see* Hansen, P.B. 88615
Strasser, T.A. *see* Kohnke, G.E. 88561
Strasser, T.A. *see* Kohnke, G.E. 95939
Strasser, T.A. *see* Stentz, A.J. 85402
Strassle, Th. *see* Kopf, D. 96227
Strat, E.Le *see* Le Strat, E.
Strat, T., Hoogs, A. RADIUS related research program [image understanding systems] 66868
Strat, T.M., Climenson, W.D. RADIUS: site model content 67484
Strathmeyer, C.R. An introduction to computer telephony 77895
Stratmann, M. *see* Lobnig, R.E. 61489
Stratton, A. *see* Malaga, A. 99151
Stratton, F.P. *see* Kubena, R.L. 64008
Straub, A. The DSP 56800–combined digital signal processor and microcontroller 113988
Straub, D., Lueder, E., Kallfass, T., Schleupen, K. An analytical model for polycrystalline thin film transistors 84387
Straub, D. *see* Glueck, J. 88817
Straub, D. *see* Litvinenko, V.N. 79873
Straub, H. *see* Wirthl, E. 74579
Straub, K.D. *see* Barnett, G.A. 96489
Straub, K.D. *see* Denbeaux, G. 107398
Straub, K.D. *see* O'Shea, P.G. 107380
Straube, B. *see* Gulbins, M. 73037
Straube, B. *see* Vermeiren, W. 72245
Straube, J. *see* Mervinski, R.I. 76239
Straube, W. *see* Koch, R. 113007
Strauch, G. *see* Dauelsberg, M. 104071
Strauch, G. *see* Schmitz, D. 104073
Strausberg, R.L. *see* Dahl, C.A. 90263
Strauss, G., Ehret, P., Menzel, W. On-wafer measurement of microstrip-based MIMICs without via holes 93884
Strauss, G., Menzel, W.S. Millimeter-wave monolithic integrated circuit interconnects using electromagnetic field coupling 62320
Strauss, H. What, the CWIS is dead? 78034
Strauss, J., Hundhausen, M., Ley, L. An optical heterodyne experiment for sensitive detection of laser induced photocarrier gratings in semiconductors 95799
Strauss, J., Kitzerow, H.-S. Gray-scale in polymer-stabilized antiferroelectric liquid crystal displays 95841
Strauss, J. *see* Kitzerow, H.-S. 96810
Strauss, S.D. Shared resources, new alliances meet water treatment realities 91250
Strauss, S.D. Industry buckles down to meet the competition [nuclear power] 91266
Strauss, U., Bernklau, D., Riechert, H., Finkbeiner, S. Carrier mobilities in graded In$_x$Ga$_{1-x}$As/Al$_{0.2}$Ga$_{0.8}$As quantum wells for high electron mobility transistors 83929
Strawczynski, L. *see* Bontu, C.S. 88306
Strawczynski, L. *see* Bontu, C.S. 88326
Straznicky, J. *see* Hahn, K.H. 119222
Strbac, G., Farmer, E.D., Cory, B.J. Framework for the incorporation of demand-side in a competitive electricity market 70746
Strbac, G., Jenkins, N. FACTS devices in uplift control 70769
Streater, R.W. *see* Moore, W.T. 103960
Strebel, B. *see* Caspar, C. 109643
Strebkov, D.S., Koshkin, N.L. The development of photovoltaic power engineering in Russia 102521
Strebkov, D.S., Tver'yanovich, E.V. A new concept of the development of high-power solar stations 102520
Strebkov, D.S. *see* Arbuzov, Yu.D. 81871
Streblechenko, D.G., Scheinfein, M.R., Mankos, M., Babcock, K. Quantitative magnetometry using electron holography: field profiles near magnetic force microscope tips 119842
Streck, C. *see* Hellwich, O. 111312
Strecker, N. *see* Von Arx, C. 63593
Strecker, N. *see* Westermann, M. 63529
Strecker, N. *see* Westermann, M. 74819
Streckert, R. *see* Wong, C.P.C. 71149
Streda, P., Vasek, P., Cukr, M. Magnetoresistance anomaly of a two-dimensional electron gas in tilted magnetic fields 105285
Streda, P. *see* Nachtwei, G. 74273
Stredney, D. *see* Hiemenz, L. 70176
Street, A.J., Ross, J.S.H., Harrison, S.M., Jenkins, D.M., Mason, M.F., Riggs, R.J., Smith, K.D., Wiatrzyk, J.M., O'Meara, J.E., Tuzel, W., Tilles, D. Final site assembly and testing of the superconducting toroidal magnet for the CEBAF Large Acceptance Spectrometer (CLAS) 84927
Street, M.W., Nesset, D., Ellis, A.D., Marsh, J.H., Aitchison, J.S. Generation of high peak power (615 W) subpicosecond pulses using a gain

switched distributed feedback laser diode and a nonlinear fiber compression technique 116566
Street, M.W. *see* Ooi, B.S. 114852
Street, P., Miles, I. Transition to alternative energy supply technologies: the case of windpower 81368
Street, R. *see* Crew, D.C. 115500
Street, R. *see* Farrant, S.H. 115496
Street, R. *see* Miao, W.F. 106551
Street, R. *see* Miao, W.F. 106627
Street, R.A., Wu, X.D., Weisfield, R., Ready, S., Apte, R., Ngyuen, M., Jackson, W.B., Nylen, P. Two-dimensional amorphous silicon image sensor arrays 100144
Street, R.A. *see* Schiff, E.A. 99950
Street, R.A. *see* Wu, X.D. 100103
Street, R.J. *see* Cooper, P.D. 83476
Streetman, B.E. *see* Murtaza, S.S. 88488
Streetman, B.G. *see* Anselm, K.A. 64936
Streetman, B.G. *see* Anselm, K.A. 85283
Streetman, B.G. *see* Eyink, K.G. 82684
Streetman, B.G. *see* Murtaza, S.S. 79432
Streetman, B.G. *see* Sarathy, J. 79408
Streetman, B.G. *see* Sellidj, A. 72759
Streetman, B.G. *see* Wu, C.-Y. 63746
Streffing, M. *see* Tigges, K.D. 102411
Streifel, R.J., Marks, R.J., II, El-Sharkawi, M.A., Kerszenbaum, I. Detection of shorted-turns in the field winding of turbine-generator rotors using novelty detectors–development and field test 81391
Streiffer, S.K. *see* Kingon, A.I. 113945
Streil, T. *see* Erlebach, A. 110572
Streit, D. *see* Cowles, J. 63613
Streit, D. *see* Tran, L. 93938
Streit, D. *see* Wojtowicz, M. 105905
Streit, D.C., Oki, A.K., Block, T.R., Lammert, M.D., Hoppe, M.M., Umemoto, D.K., Wojtowicz, M. Commercial heterojunction bipolar transistor production by molecular beam epitaxy 84344
Streit, D.C. *see* Block, T.R. 84345
Streit, D.C. *see* Huei Wang 114320
Streit, D.C. *see* Kobayashi, K.W. 62322
Streit, D.C. *see* Kobayashi, K.W. 62351
Streit, D.C. *see* Kobayashi, K.W. 83439
Streit, D.C. *see* Kobayashi, K.W. 83531
Streit, D.C. *see* Kobayashi, K.W. 93863
Streit, D.C. *see* Kobayashi, K.W. 104880
Streit, D.C. *see* Kobayashi, K.W. 114319
Streit, D.C. *see* Lai, R. 104878
Streit, D.C. *see* Sadwick, L.P. 103930
Streit, J., Hanzo, L. Wireless videophone schemes 67987
Streit, J., Hanzo, L. Quadtree-decomposed cordless videophones 109286
Streitmatter, R.E. *see* Barbiellini, G. 69722
Streitz, H. *see* Stiebing, K. 100749
Streitz, N.A. From individual work and desktop-based collaboration to ubiquitous meeting environments 67857
Streitz, N.A., Geissler, J., Haake, J.M., Hol, J. DOLPHIN: integrated meeting support across local and remote desktop environments and liveboards 67876
Strekalovsky, O.V. *see* Merzlyakov, S.I. 69861
Strekowski, L. *see* Chin, R. 100054
Strel'chuk, A.M., Gresserov, B.N. Serial resistance of epitaxial p-n structures based on 6H-SiC 72761
Strel'chuk, A.M. *see* Lebedev, A.A. 105301
Strel'chuk, A.M. *see* Lebedev, A.A. 105302
Strelkov, A.V. *see* Bystritsky, V.M. 90137
Strelkov, G.M. Satellite probing of Earth's ozone layer at millimeter wavelengths 80622
Strelkov, G.M., Santalov, N.P. Propagation of a narrow radio beam in a strong surface-bounded duct 85866
Strelkov, G.M. *see* Pirogov, Y.A. 80621
Strelkov, I. *see* Nikolov, Z. 91639
Strelkov, O. *see* Shavirin, I. 110205
Streller, U., Li, B., Krabbe, A., Krause, H.P., Twesten, I., Schwentner, N. Photochemical etching with tunable VUV radiation 84143
Streller, U., Li, B., Krabbe, A., Schwentner, N. Photon-induced dry etching of Si(100) in the VUV 94786
Strelniker, Y.M. *see* Tornow, M. 74452
Strelyukhin, A.V. *see* Matyuk, V.F. 93006
Streng, M., van der Pas, R. Performance considerations for the MIPS R8000 microprocessor 104583
Streng, M. *see* Still, G. 92504
Strenz, R. *see* Robkopf, V. 62995
Streubel, K., Rapp, S., Andre, J., Chitica, N. $1.26\ \mu m$ vertical cavity laser with two InP/air-gap reflectors 96264
Streubel, K., Rapp, S., Andre, J., Wallin, J. Room-temperature pulsed operation of 1.5-μm vertical cavity lasers with an InP-based Bragg reflector 96379
Streubel, K. *see* Babic, D.I. 65226
Streubel, K. *see* Babic, D.I. 85472
Streubel, K. *see* Babic, D.I. 107274
Streubel, K. *see* Hawkins, A.R. 79417
Streubel, K. *see* Margalit, N.M. 85503
Streubel, K. *see* Margalit, N.M. 85541
Streubel, K. *see* Margalit, N.M. 107243
Streun, A. SLS dynamic aperture optimisation 120017
Strezoski, V.C. System of relative values [power system analysis] 111429
Strezoski, V.C. New scaling concept in power system analysis 120970
Stribling, B. *see* Brandstrom, G.W. 98042
Stribling, S.E. *see* Zhao, J. 117645
Striby, S. *see* Guimbal, P. 96547
Striby, S. *see* Haouat, G. 89994
Striby, S. *see* Joly, S. 110476
Striccoli, M. *see* Faist, J. 116540
Stricker, D.A. *see* Vu, Q.-B. 63281
Stricker, M. A new approach for robust ellipse fitting 98137
Stricker, M., Dimai, A. Color indexing with weak spatial constraints 66921
Stricker, M. *see* Bignone, F. 67227
Stricker, M. *see* Henricsson, O. 87065
Strickland, D., Pioro, B., Ntuen, C. The impact of cockpit instruments on pilot exhaustion 111056
Strickland, K.R. *see* Gancza, W.M. 74355
Strickland, K.R. *see* Kent, A.J. 94485
Strickland, K.R. *see* Naylor, A.J. 105417
Strickland, L. *see* Zibman, I. 68132
Strickland, L. *see* Zibman, I. 98596
Strickland, R.E. *see* Gancza, W.M. 74355
Strickland, R.E. *see* Kent, A.J. 94485
Strickland, R.N., Hahn, H.I. Wavelet methods for extracting objects from complex backgrounds 77420
Strid, E. *see* Tonks, D. 93883
Striebel, K.A., Deng, C.Z., Cairns, E.J. Pulsed laser deposition of transition metal oxides for secondary batteries 112282
Striebel, K.A., Deng, C.Z., Wen, S.J., Cairns, E.J. Electrochemical behavior of $LiMn_2O_4$ and $LiCoO_2$ thin films produced with pulsed laser deposition 72900
Striebel, K.A. *see* Wen, S.J. 81712
Strieder, F. *see* Gialanella, L. 100639
Strifors, C., Abrahamson, S., Brusmark, B., Gaunaurd, G.C. Signature features in time-frequency of simple targets extracted by ground penetrating radar 99623
Strifors, H.C., Brusmark, B., Gustafsson, A., Gaunaurd, G.C. Analysis in the joint time-frequency domain of signatures extracted from targets buried underground 88670
Strifors, H.C., Gaunaurd, G.C. Scattering of short, ultra-wideband electromagnetic pulses by simple targets with reduced radar cross-section 97057
Strifors, H.C. *see* Brill, D. 97063
Strifors, H.C. *see* Gaunaurd, G.C. 88730
Strifors, H.C. *see* Gaunaurd, G.C. 109700
Stright, J.R., Rogers, S.K., Quinn, D.W., Fielding, K.H. An application of embedology to spatio-temporal pattern recognition 67047
Strigin, M.B. *see* Postnikov, A.A. 103416
Striglis, S. *see* Buehrer, R.M. 119014
Strikha, M.V. *see* Vas'ko, F.T. 74266
Strikha, V.I. *see* Skryshevsky, V.A. 114576
Strinatko, M.T. *see* Bukharovich, A.M. 90583
Stringer, N.T. Dynamic testing of frequency relays 102228
Stringer, N.T., Waser, D. An innovative method of providing total breaker failure protection 112622
Stringfellow, D.W. *see* Chavan, A.V. 114144
Stringfellow, G.B. *see* Hill, C.W. 72817
Stringfellow, G.B. *see* Kim, C.W. 103872
Stringfellow, G.B. *see* Murata, H. 61246
Stringfellowa, G.B. *see* Chun, Y.S. 61247
Stringfield, R.M. *see* Haynes, W.B. 62599
Strintzis, M.G. Optimal biorthogonal wavelet bases for signal decomposition 76972
Strintzis, M.G. *see* Efstratiadis, S.N. 77399
Strintzis, M.G. *see* Malassiotis, S. 67163
Stritar, A., Jencic, I. *(editors)* 2nd Regional Meeting: Nuclear Energy in Central Europe. Annual Meeting of the Nuclear Society of Slovenia Proceedings 60367
Stritt, N., Bertschy, M., Jolie, J., Mondelaers, W. Direct measurement and Monte Carlo simulation of a bremsstrahlung source created by 10 MeV electrons 101010
Strittmatter, A., Kollakowski, S., Droge, E., Bottcher, E.H., Bimberg, D. High speed, high efficiency resonant-cavity enhanced InGaAs MSM photodetectors 75731
Stritzker, B. *see* Henke, S. 113365
Stritzker, B. *see* Klarmann, R. 72827
Stritzker, B. *see* Lindner, J.K.N. 105568
Stritzker, B. *see* Powell, J.R. 62165
Striuli, A. *see* Barcia, E. 118957
Strizhak, E. *see* Rossi, D. 73093
Strizhko, A.S. *see* Shembel, E.M. 112175
Strizhova, N.M. *see* Glebovich, L.A. 111045
Strle, D. Multiplexed, multi-channel 18 bits oversampled Σ-Δ A/D converter 61988
Strmcnik, B., Gubina, F. Voltage collapse proximity in case of a radial network 121119
Strobach, P. Fast recursive low-rank linear prediction frequency estimation algorithms 66693
Strobel, B. Processing of interferometric phase maps as complex-valued phasor images 67160
Strobel, D.J. *see* Adams, L. 72308
Strobel, D.J. *see* Adams, L. 103467
Strobel, R. *see* Fischer, M. 84626
Stroder, M. *see* Hunninghake, J. 100199
Stroebele, H. *see* Bormann, C. 90198
Stroele, A.P. Test response compaction using arithmetic functions 104491
Stroet, P. *see* Holzmann, P.J. 104377
Stroetmann, K., Glass, T., Muller, M. Implementing safety-critical systems in PROLOG: Experiences from the R&D at Siemens 93036
Stroev, V.A., Rokotian, I.S., El-Shahat, M.M.M. The algorithms for alleviating line overloads using pseudo-inverse method 101903
Stroev, V.A., Sharov, Y.V., Asambaev, V.S. Representation of control devices in the calculation of transients in power systems 101895
Stroev, V.A. *see* Malik, O.P. 70720
Stroganov, V.A. *see* Lisichkin, A.L. 89475
Stroh, D., Ritterhoff, C. How to integrate TMN: an overview 108974
Stroher, H. *see* Novotny, R. 80047
Stroher, H. *see* Novotny, R. 100842
Strohm, K. *see* Rheinfelder, C. 83456
Strohm, K. *see* Rheinfelder, C. 83484
Strohm, K.M. *see* Rheinfelder, C.N. 114334
Strohm, K.M. *see* Singer, M. 83458
Strohm, K.M. *see* Singer, M. 93874
Strohman, C.R. *see* Rogers, J.T. 100525
Strohmeier, A. *see* Kienzle, J. 108185
Strohmer, R. *see* Zimmermann, S. 79258
Strohmer, R. *see* Zimmermann, S. 100857
Strohriegl, P. *see* Meier, M. 75754
Strohriegl, P. *see* Vydra, J. 107573
Strohschein, J.D., Bailida, W.D., Seguin, H.J.J., Capjack, C.E. Computational model of longitudinal discharge uniformity in RF-excited CO_2 slab lasers 96097
Strohschein, J.D. *see* Bilida, W.D. 116297
Strohschein, J.D. *see* Scott, S.W.C. 107077
Stroili, R. *see* De Giorgi, M. 120221
Stroitelev, V.N. *see* Eremin, E.V. 68948
Strojwas, A. *see* Suraj Rao 115316
Strojwas, A.J. *see* Lucas, K.D. 115077
Strojwas, A.J. *see* Sivaraman, M. 93241
Strojwas, A.J. *see* Sivaraman, M. 93346
Strojwas, A.J. *see* Sivaraman, M. 104484
Strokan, N. *see* Eremin, V. 69809
Strokan, N.B. *see* Eremin, V.K. 105095
Strokan, N.B. *see* Il'yashenko, I.N. 120191
Strolin, P. *see* Di Capua, E. 110598
Strollo, A.G.M. SPICE modeling of power PiN diode using asymptotic waveform evaluation 113726
Strollo, A.G.M. *see* Bellone, S. 110350
Strom, D. Top ten interesting trends on and around the World-Wide Web 98750
Strom, D. *see* Arodzero, A. 80036
Strom, E. *see* Parkvall, S. 118789
Strom, E.G. Statistical properties of the MUSIC synchronization method for DS-CDMA systems 108801
Strom, E.G., Parkvall, S., Miller, S.L., Ottersten, B.E. DS-CDMA synchronization in time-varying fading channels 119023
Strom, E.G., Parvall, S. Joint parameter estimation and detection of DS-CDMA signals in fading channels 77696
Strom, E.G. *see* Parkvall, S. 88093
Strom, J. *see* Woeste, D. 73500
Strom, S. *see* Lundstedt, J. 85922
Strom, V. *see* Jonsson, B.J. 64268
Strom-Olsen, J.O. *see* Ciureanu, M. 71652
Strom-Olsen, J.O. *see* Ciureanu, P. 64287
Strom-Olsen, J.O. *see* Ciureanu, P. 115475
Strom-Olsen, J.O. *see* Mao, O. 64220
Strom-Olsen, J.O. *see* Mao, O. 64238
Strom-Olsen, J.O. *see* Mao, O. 64323
Strom-Olsen, J.O. *see* Mao, O. 115515
Strom-Olsen, J.O. *see* Ming Mao 64359
Stroman, P.W., Rolland, C., Dufour, M., Grondin, P., Guidoin, R.G. Appearance of low signal intensity lines in MRI of silicone breast implants 80346
Stromberg, D. Scheduling of track updates in phased array radars 109780
Stromme, M., Isidorsson, J., Niklasson, G.A., Granqvist, C.G. Impedance studies on Li insertion electrodes of Sn oxide and oxyfluoride 84045
Stromsmoe, K.A. *see* Nyarko, D.J. 81551
Stronach, A.F., Vas, P., Neuroth, M. Fuzzy-neural DSP control of high-performance AC drives 103058
Stronach, A.F. *see* Vas, P. 91821
Stronach, A.F. *see* Vas, P. 103059
Stronach, A.F. *see* Vas, P. 121921
Stronach, A.F. *see* Vas, P. 122000
Strong, A., Wu, E., Bolam, R. Dielectric step stress and life stress comparison 60731
Strong, S.J. Power windows. Building-integrated photovoltaics 121402
Strong, T. *see* Smith, D. 60752
Strong, T. *see* Smith, D. 110287
Stronisch, U. *see* Becker, T. 89791
Stronski, A.V. *see* Kostioukevitch, S.A. 84949
Strooband, D., Van Marck, H., Van Campenhout, J. An accurate interconnection length estimation for computer logic 93281
Stroom, J.C. *see* Althof, V.G.M. 120508
Stroom, J.C. *see* Bel, A. 90576
Strope, B. *see* Alwan, A. 86156
Stroppiana, M. *see* Ardito, M. 68868
Stroppiana, M. *see* Muratori, M. 67120
Stroscio, M.A. *see* Erdogan, M.U. 74392
Stroscio, M.A. *see* Iafrate, G.J. 106107
Stroscio, M.A. *see* Mansour, N.S. 83941
Stroscio, M.A. *see* Mickevicius, R. 114739
Stroscio, M.A. *see* Mitin, V.V. 83944
Stroscio, M.A. *see* Sirenko, Yu.M. 114776
Strother, S.C. *see* Liow, J.-S. 70068

Strothman, J. Step aside VMEbus, CompactPCI on roll 87689
Stroucken, T. *see* Haas, S. 96340
Stroud, C., Konala, S., Ping Chen, Abramovici, M. Built-in self-test of logic blocks in FPGAs (Finally, a free lunch: BIST without overhead!) 104492
Stroud, C., Ping Chen, Konala, S., Abramovici, M. Evaluation of FPGA resources for built-in self-test of programmable logic blocks 61795
Stroud, D., Hwang, I.J., Ryu, S. Simulations of Shapiro steps in Josephson junction arrays 95472
Stroud, N. Video conferences: what, how, why? 87885
Stroud, R.C. *see* Hamma, G.A. 61511
Stroumbakis, D. *see* Krause, J.T. 84976
Stroup, W. *see* Cinar, A. 88938
Strouse, G.F. Standard reference material 1744: aluminum freezing-point standard 79226
Stroyev, K.N. *see* Amelin, S.A. 64200
Stroyev, N.N. *see* Amelin, S.A. 64200
Stroynowski, R. *see* Asner, D. 90163
Stroz, T. High speeds, no roadblocks [digital PCBs] 83588
Strub, R. *see* Adam, W. 69709
Strubin, P.M., Bojon, J.-P. Reliability of the LEP vacuum system: experience and analysis 100426
Struble, W. *see* Nash, S.J. 84463
Struble, W. *see* Nash, S.J. 93788
Struder, L. *see* Brauninger, H. 90702
Struder, L. *see* Hartmann, R. 89070
Struder, L. *see* Mours, B. 100821
Strueder, L. *see* Hartmann, R. 110541
Strueder, L. *see* Lechner, P. 110543
Strueder, L. *see* Lechner, P. 110554
Strueder, L. *see* Meidinger, N. 106053
Strueder, L. *see* Mours, B. 120196
Strueder, L. *see* Soltau, H. 110553
Struiale, N. Building a large-scale start-up on new technology 100189
Struijk, J.J., Holsheimer, J. Transverse tripolar spinal cord stimulation: theoretical performance of a dual channel system 101406
Strukov, B.A. *see* Horiuchi, N. 107569
Strukov, I.A. *see* Borovskii, R.E. 104813
Strukov, I.A. *see* Kosov, A.S. 101561
Strukov, I.A. *see* Kosov, A.S. 111192
Strulea, I.L. *see* Vygovsky, E. 64607
Strumia, F. *see* Beverini, N. 68961
Strumia, F. *see* Beverini, N. 119926
Strumia, F. *see* Carelli, G. 75797
Strumia, F. *see* Moraes, J.C.S. 116296
Strumpen, V. Software-based communication latency hiding for commodity workstation networks 98505
Strunder, L. *see* Fasoli, L. 90196
Strunk, C., Bruyndoncx, V., van Haesendonck, C., Moshchalkov, V.V., Bruynseraede, Y., Jonckheere, R. Nonlocality and magnetic flux sensitivity of superconducting mesoscopic aluminium loops 95478
Strunk, H.P. *see* Glaser, E. 105594
Strunk, H.P. *see* Pensl, G. 105224
Strupinski, W., Czub, M., Gaca, J., Wojcik, M. Studies on gas-switching sequences influence on the quality of MOVPE InGaAs/InP superlattice structures 105337
Strupinski, W. *see* Czub, M. 103996
Strupp, M. *see* Hein, M.A. 83398
Strusny, H., Ressel, P., Vogel, K., Wuerfl, J. He implant-damage isolation of MOVPE grown GaAs/InGaP/InGaAsP layers 94709
Struthers, A. *see* Ibragimov, E. 116736
Strutz, T., Muller, E. The dyadic wavelet transformation using orthogonal filters: Implementations in C 66758
Strutz, T., Takamasu, T., Miura, N., Imamura, K., Eaves, L. High magnetic field study of ballistic transport in a resonant-tunneling hot-electron transistor (RHET) 63588
Struye, L. *see* Dietze, C. 95965
Struyve, K., Demeester, P., Nederlof, L., Van Hauwermeiren, L. Design of distributed restoration algorithms for ATM meshed networks 77628
Stryland, E.W.Van *see* Van Stryland, E.W.
Strzalkowski, A. *see* Brauksiepe, S. 100815
Strzalkowski, I., Kowalski, M. Positive and negative charge creation in the SiO_2 film of a MOS transistor by high electric field stress 106029
Strzelec, M. *see* Iftimia, N. 116369
Strzelecka, E.M., Thompson, G.B., Robinson, G.D., Peters, M.G., Thibeault, B.J., Mondry, M., Jayaraman, V., Peters, F.H., Coldren, L.A. Monolithic integration of refractive lenses with vertical cavity lasers and detectors for optical interconnections 85342
Strzelecki, R., Fedyczak, Z. Properties and structures of three-phase PWM AC power controllers 121632
Strzoda, R., Ebbinghaus, G., Scherg, T., Emeis, N. Studies on the butt-coupling of InGaAsP-waveguides realized with selective area metalorganic vapour phase epitaxy 62755
Stuart, A.B.Cohen *see* Cohen Stuart, A.B.
Stuart, B. *see* Fermuller, C. 77149
Stuart, B.C., Feit, M.D., Herman, S., Rubenchik, A.M., Shore, B.W., Perry, M.D. Ultrashort-pulse optical damage 107477
Stuart, B.C. *see* Shore, B.W. 96585
Stuart, D.S. *see* Washington, K.E. 121301
Stuart, H.R., Hall, D.G. Absorption enhancement in silicon-on-insulator waveguides using metal island films 119679
Stuart, J. *see* Tallent, J. 106771
Stuart, J.A., Turbini, L.J., Ammons, J.C. The implications of activity based environmental impact allocation 72259
Stuart, M., Faltens, A., Fawley, W.M., Peters, C., Vella, M.C. Design and construction of a large aperture, quadrupole electromagnet prototype for ILSE 89807
Stuart, M. *see* Benjegerdes, R. 89806
Stuart, R.A., Kong, M.G. Gain enhancement for waveguide FEL systems using an optical klystron configuration 96439
Stuart, R.A. *see* Al-Shamma'a, A. 96086
Stuart, R.A. *see* Balfour, C. 96558
Stuart, R.A. *see* Dearden, G. 96504
Stuart, R.A. *see* Dearden, G. 96505
Stuart, R.A. *see* Shaw, A. 96080
Stuart, T. *see* Masserant, B. 93105
Stubb, H. *see* Pal, A.J. 96029
Stubbers, R.A. *see* Anderl, R.A. 104251
Stubberud, A.R. *see* Duong, T.A. 104767
Stubblebine, S.G., Wright, R.N. An authentication logic supporting synchronization, revocation, and recency 78016
Stubbs, D.M., Pulko, S.H., Wilson, B. Application of Transmission Line Matrix (TLM) method to numerical modelling of a MESFET distributed amplifier 73733
Stubbs, D.M., Pulko, S.H., Wilson, B. Application of transmission line matrix (TLM) method to numerical modelling of a MESFET distributed amplifier 104819
Stubbs, M. *see* Hien Do-Ky 62247
Stubbs, M.G. *see* Dhouib, A. 85915
Stubbs, M.G. *see* Kobeissi, H. 114219
Stubbs, M.G. *see* Omar, A.A. 114211
Stubenrauch, C.F., Newell, A.C., Repjar, A.G., MacReynolds, K., Tamura, D.T., Larsen, F.H., Lemanczyk, J., Behe, R., Portier, G., Zehren, J.C., Hollmann, H., Hunter, J.D., Gentle, D.G., de Vreede, J.P.M. International intercomparison of horn gain at X-band 108058
Stubenrauch, C.J., Scott, N.A., Chedin, A. Cloud field identification for Earth radiation budget studies. I. Cloud field classification using HIRS-MSU sounder measurements 90800
Stubenrauch, C.J., Seze, G., Scott, N.A., Chedin, A., Desbois, M., Kandel, R.S. Cloud field identification for Earth radiation budget studies. II. Cloud field classification for the ScaRaB radiometer 90801
Stuber, A., Lowell, J. Oxide charging induced by electron exposure in ion implant 84078
Stuber, F. *see* Lienhart, R. 66994
Stuber, G.L., Katz, E. Systematic trellis-coded modulation with asymmetric constellations 86060
Stuber, G.L., Russell, M. Terrestrial digital video broadcasting for mobile reception using OFDM 88836
Stuber, G.L. *see* Austin, M.D. 88376
Stuber, G.L. *see* Austin, M.D. 118923
Stuber, G.L. *see* Caffery, J.J. 88792
Stuber, G.L. *see* Ihn-Kiel Chang 109355
Stuber, G.L. *see* Lihbor Yiin 66247
Stuber, G.L. *see* Yiin, L. 99360
Stuber, J.D., Edgar, T.F., Breedijk, T. Model-based control of rapid thermal processes 63888
Stuber, S. *see* Martin, R.A. 110298
Stubjkaer, K. *see* Jourdan, A. 88603
Stubkjaer, K. *see* Masetti, F. 78317
Stubkjaer, K.E. *see* Danielsen, S.L. 88636
Stubkjaer, K.E. *see* Danielsen, S.L. 99559
Stubkjaer, K.E. *see* Durhuus, T. 78878
Stubkjaer, K.E. *see* Joergensen, C. 68447
Stubkjaer, K.E. *see* Joergensen, C. 88595
Stubkjaer, K.E. *see* Joergensen, C. 99458
Stubkjaer, K.E. *see* Mikkelsen, B. 78776
Stubkjaer, K.E. *see* Mikkelsen, B. 88637
Stubkjaer, K.E. *see* Pedersen, R.J.S. 68503
Stubkjaer, K.E. *see* Vodjdani, N. 68419
Stuchlik, F. *see* Piater, J. 70103
Stuchlik, J. *see* El-Kader, K.M.A. 94319
Stuchly, M.A. Mobile communication systems and biological effects on their users 90633
Stuchly, M.A. *see* Caputa, K. 62394
Stuchly, M.A. *see* Okoniewski, M. 120538
Stuchly, S.S. *see* Ali, M. 117044
Stuchly, S.S. *see* Esselle, K.P. 76464
Stuck, B.W. Internet transactions still yield small change 98719
Stuck, R. *see* Kantor, Z. 94690
Stuckler, J. *see* Chui, C.K. 108235
Studart, N. *see* Farinas, P.F. 74390
Studebaker, J. *see* Carlsten, B.E. 89710
Studenikin, P.A. *see* Awad, H.R.I. 107186
Studenikin, P.A. *see* Kozlov, V.A. 96224
Studenikin, P.A. *see* Umyskov, A.F. 85444
Studenikin, P.A. *see* Umyskov, A.F. 116450
Studenikin, P.A. *see* Zagumennyi, A.I. 96216
Studenikin, P.A. *see* Zavartsev, Yu.D. 75887
Studenikin, S.A. *see* Baturina, T.I. 105273
Studenikin, S.A. *see* Kornilovich, A.A. 110339
Studenikin, S.A. *see* Ovsyuk, V.N. 64931
Studenov, V. *see* Fetisov, Y. 84843
Studer, F.A. *see* De Fazio, M. 68697
Studer, F.A. *see* Di Vito, A. 70596
Studholme, C., Hill, D.L.G., Hawkes, D.J. Incorporating connected region labelling into automated image registration using mutual information 110703
Studholme, S. *see* Lukkart, J. 122106
Studniarski, M., Yang, X.Q. Second-order necessary optimality conditions via directional regularity 60902
Stuehler, J., Schaack, G., Dahl, M., Waag, A., Landwehr, G., Kavokin, K.V., Merkulov, I.A. Polarization properties of multiple Mn^{2+}-spin-flip Raman scattering in semimagnetic quantum wells 74405
Stuerga, D.A.C., Gaillard, P. Microwave athermal effects in chemistry: a myth's autopsy. I. Historical background and fundamentals of wave-matter interaction 91947
Stuerga, D.A.C., Gaillard, P. Microwave athermal effects in chemistry: a myth's autopsy. II. Orienting effects and thermodynamic consequences of electric field 91948
Stuetzle, W. *see* Jaisimha, M.Y. 66886
Stuhlmiller, G. *see* Parsi, K. 75263
Stuhlmuller, K.W., Salai, A., Girod, B. Rate-constrained contour-representation for region-based motion compensation 86490
Stuhr, F., Jordan, R., Werner, M. SIR-C/X-SAR: An Advanced Radar 88689
Stuiver, L. *see* Moffat, A. 86221
Stulen, R.H. *see* Sweatt, W.C. 96835
Stulens, H. *see* Scorzoni, A. 84204
Stulik, P., Singh, J. Study of the effect of introducing a bottom ITO layer in an a-Si:H p-i-n type solar cell 81904
Stulpa, J. *see* Paulicka, I. 100069
Stultz, R.D. *see* Yen-Kuang Kuo 65403
Stulz, L.W. *see* Zirngibl, M. 78935
Stumberger, G. *see* Dolinar, D. 71316
Stumbrys, E. *see* Tamulis, A. 106900
Stumpf, Ch. *see* Ivanon, D.K. 90508
Stuopis, P.A., Henson, J.M., Davis, R.E., Hall, K. The modeling of forested areas for real and synthetic aperture imaging radar simulation 120676
Stupak, P.R., Bellerive, B. Basketweave test "apparent" microbending loss induced by differences in optical fiber coating bulk and surface cure 84980
Stupakov, G. *see* Heifets, S. 89624
Stupakov, G.V. Coupling impedance of a long slot and an array of slots in a circular vacuum chamber 89873
Stupakov, G.V. Coupling impedance of a periodic array of diaphragms 90031
Stupakov, G.V., Chen, P. Plasma suppression of beam-beam interaction in circular colliders 69652
Stupakov, G.V. *see* Kurennoy, S.S. 89892
Stupakov, G.V. *see* Kurennoy, S.S. 89893
Stupfel, B. A fast-domain decomposition method for the solution of electromagnetic scattering by large objects 107870
Stupfel, B., Mittra, R. Numerical absorbing boundary conditions for the scalar and vector wave equations 85827
Stupnicki, S. *see* Szpytko, J. 112998
Stupp, E.H. Projection displays 89263
Stupp, S.E. Surface erasure effect at larger easy-axis angles in ME tape 106536
Stupp, S.E., Bernards, J.P.C. Inter-layer variation in the magnetic properties in multi-layer ME tapes 106586
Stupp, S.E. *see* Luitjens, S.B. 106498
Stupp, S.E. *see* Stek, A. 115828
Stupp, S.E. *see* van der Graaf, A. 106543
Stupp, S.I. *see* Braun, P.V. 62848
Sturcel, J. *see* Balogh, R. 99911
Sturcken, K. *see* Konecke, S. 82235
Sturdivant, R., Quan, C., Wooldridge, J. Transitions and interconnects using coplanar waveguide and other three conductor transmission lines 83478
Sturdivant, R., Quan, C., Wooldridge, J. Investigation of MMIC flip chips with sealants for improved reliability without hermeticity 83479
Sturges, R. *see* Carlsten, B.E. 89710
Sturges, R.A. *see* Allera, S.V. 102315
Sturges, R.H., Hunt, D.O. Acquisition time reduction through new design for assembly heuristics 72206
Sturgess, K. *see* Happ, L. 109769
Sturhahn, W., Toellner, T.S., Quast, K.W., Roehlsberger, R., Alp, E.E. Reduction of detector noise in experiments with synchrotron radiation 69901
Sturler, E.De *see* De Sturler, E.
Sturlesi, B.E., Mangoubi, S., Ben-David, E. Dynamic projecting IR zoom based systems 70584
Sturm, A. Maintenance of energy production plants–possibilities for increasing efficiency 111705
Sturm, D. Empirical examination of an efficient robust linear regressor 103553
Sturm, H.A., Peters, H.-J. Condition-based maintenance of electrical power installations 111704
Sturm, J.C. *see* Lanzerotti, L.D. 84315
Sturm, J.C. *see* Liu, C.W. 104123
Sturm, J.C. *see* Pangal, K. 106263
Sturm, P., Triggs, B. A factorization based algorithm for multi-image projective structure and motion 67323
Sturm, P. *see* Baentsch, M. 77957
Sturm, V. *see* Pfluger, S. 107624

Sturman, B., Aguilar, M., Aguilo-Lopez, F., Pruneri, V., Kazansky, P.G., Hanna, D.C. Mechanism of self-organized light-induced scattering in periodically poled lithium niobate 107489
Sturman, B.I. *see* McClelland, T.E. 116729
Sturrett, M. *see* Larson, L.R. 83549
Sturrock, J. *see* Szymanski, J.J. 110589
Sturtevant, J., Conley, W., Webber, S. Photosensitization in dyed and undyed APEX-E DUV resist 105780
Sturtevant, J., Insalaco, L., Flaim, T., Krishnamurthy, V., Meador, J., Petersen, J., Eckert, A. Removable organic antireflection coating [deep UV lithography] 105821
Sturtevant, J. *see* Byers, J. 105769
Sturz, H. *see* Stahl, U. 118181
Sturzbecher, D. *see* Daryoush, A.S. 76665
Sturzebecher, D., Leen, J., Cadotte, R., DeMarco, J., Ni, T.-D., Higgins, T., Popick, M., Cummings, M., Van Meerbeke, B., Provencher, T., Kimble, B., Shalkhauser, K., Simons, R. 20 GHz LTCC phased array module 86007
Sturzebecher, D. *see* Tsang-Der Ni 62535
Sturzebecher, D. *see* Tsang-Der Ni 92252
Sturzu, P. *see* Yuen, C. 93879
Stus', N.M. *see* Aidaraliev, M. 69339
Stus', N.M. *see* Aidaraliev, M. 116468
Stus, N.M. *see* Bresler, M.S. 116506
Stus', N.M. *see* Mikhailova, M.P. 116233
Stus', N.M. *see* Mikhailova, M.P. 116234
Stus, N.M. *see* Zotova, N.V. 96268
Stutski, D. *see* Deis, G. 106719
Stutson, D. *see* Vatsala, A.S. 82543
Stutz, A. *see* Abbes, M. 90145
Stutz, C.E. *see* Look, D.C. 94344
Stutzki, J. *see* Haas, S. 79092
Stutzman, W.L. *see* Nelson, B. 107907
Stutzmann, A., Nordmann, F. Studies of IGA intergranular attack/stress corrosion cracking related parameters and remedies 81250
Stutzmann, M. *see* Graeff, C.F.O. 94996
Stutzmann, M. *see* Kelly, M.K. 105687
Stutzmann, M. *see* Reinacher, N.M. 116260
Styb, T. $O(\tau^2+h_4)$ finite difference scheme for decoupled system of two quasilinear parabolic equations 61044
Styblinski, M.A. *see* Ming Qu 115319
Styczynski, K., Chalasinska-Macukaw, K., Campos, J., Yzuel, M.J. Minimum mean square error filters for spatially non-overlapping phase target and input scene noise 77394
Styczynski, Z.A. Distribution planning with energy storage 102134
Styczynski, Z.A., Dominik, H. Economy calculation of battery storage in the distribution network 81061
Stygar, W. *see* Bailey, J.E. 69615
Stygar, W.A. *see* Mehlhorn, T.A. 69637
Styonavich, M. *see* Joseph, C.L. 79528
Styrikovich, M.A., Safonov, L.P., Bersenev, A.P., Shevehenko, V.S., Ovchar, V.G., Lipets, A.U. Power units of enhanced efficiency [steam power plants] 102451
Stytsenko, E.V. *see* Starenkov, V.K. 89209
Su, A.T.P. *see* Chan, W.L. 121818
Su, B.D., Wilson, S.G. Phase sweeping transmitter diversity in mobile communications 109425
Su, C.-C. *see* Hsieh, W.-H. 93075
Su, C.S. *see* Yeh, S.-M. 106955
Su, D. *see* Chang, Y. 109292
Su, E. *see* Chau, A. 90219
Su, E. *see* Chau, A. 100936
Su, F.-C. *see* Tai, Y.-H. 84368
Su, F.C., Wu, H.F., Lin, C.J., Chou, Y.L. Bilateral electromyographic analysis and the required stride number of normal children's gait 70116
Su, F.C. *see* Tai, Y.H. 74286
Su, F.C. *see* Ya-Hsiang Tai 94962
Su, G.J. *see* Takahashi, I. 121684
Su, H. *see* Johnson, D.L. 61443
Su, I.-J., Wu, J. Hit pattern statistics and performances of slow frequency-hop multiple access systems with symbol-basis side information 87380
Su, J.J. *see* Kwok, P. 89918
Su, J.L., Chi, R.J., Chang, Y.L., Hu, W.C., Lin, J.C. An interstitial hyperthermia for treatment of cancer using microwave antenna arrays: computer simulation and experiment 120485
Su, J.N., Steckl, A.J. Fabrication of high voltage SiC Schottky barrier diodes by Ni metallization 105886
Su, J.S. *see* Wu, Y.H. 63600
Su, J.Y. *see* Wang, M.C. 65197
Su, K.W., Kuo, J.B. An analytical delayed-turn-off model for 6H-SiC buried-channel NMOS devices considering incomplete ionization 84290
Su, K.W., Kuo, J.B. Modeling narrow-channel effect in VLSI mesa-isolated SOI MOS devices using a quasi-two-dimensional approach 95204
Su, L.C. *see* Chun, Y.S. 61247
Su, L.C. *see* Murata, H. 61246
Su, S. *see* Lin, J.-M. 85984
Su, S.-L., Yen, N.-Y., Hsieh, S.-C. Effects of Doppler shift on direct-sequence spread spectrum code acquisition 99131
Su, S.H., Tsai, P.R., Yokoyama, M., Su, Y.K. Large-area ACTFEL device prepared by metalorganic chemical vapor deposition 85291
Su, W., Gilbert, J.A. Birefringent properties of diametrically loaded gradient-index lenses 106909
Su, W. *see* Barlow, F. 83670
Su, W. *see* Riad, S. 94131
Su, Y.K., Shei, S.C., Gan, K.J., Yokoyama, M. Low-frequency noise performances of SiO_2/InP metal-insulator-semiconductor field-effect transistor 84426
Su, Y.K. *see* Li, J.W. 85260
Su, Y.K. *see* Su, S.H. 85291
Su, Y.T., Chu-Ya Hsiao, Hung, C.P. Multiuser detection for MFSK frequency-hopped multiple access system 108802
Su, Y.T., Fang-Biau Ueng, Li-Der Jeng Interference rejection and equalization in band-limited channels 99085
Su, Y.T. *see* Fang-Biau Ueng 77567
Su, Y.T. *see* Lin, W.-C. 99396
Su, Yu.T., Chen, Y.-S., Hung, C.-P. AJ capability of RS-coded slow frequency-hopped systems 99108
Su, Z., Troch, P.A., De Troch, F.P. Remote sensing of soil moisture using EMAC/ESAR data 120866
Su Bingjing *see* Bingjing Su
Su Chauchin *see* Chauchin Su
Su Chin-Ta *see* Chin-Ta Su
Su Ching-Long *see* Ching-Long Su
Su Ching-Shen *see* Ching-Shen Su
Su Ching-Tzong *see* Ching-Tzong Su
Su Cho Min *see* Min Su Cho
Su Chunguang, Xu Jie, Wang Honggu Intelligence vector acquisition method for map and CAD-drawing 98157
Su Der-Chin *see* Der-Chin Su
Su Han Choi *see* Sand Kyu Park 67563
Su Han Young *see* Young Su Han
Su Hsin-Cheng *see* Hsin-Cheng Su
Su Hua *see* Hua Su
Su Huan-Ping *see* Huan-Ping Su
Su Jan Shing *see* Jan Shing Su
Su Jeong-Yuan *see* Jeong-Yuan Su
Su Jihong *see* Jihong Su
Su Jun A tunable microwave signal generator using magnetostatic surface wave modulation instability 75283
Su Jun, Zhong Yuzhuo, Pu Qun Research and application of layered multimedia data model 67920
Su Jun *see* Marcelli, R. 115856
Su Jun *see* Marcelli, R. 115867
Su Keh-Yih *see* Keh-Yih Su
Su Kim Eung *see* Eung Su Kim
Su Liang-Chih *see* Liang-Chih Su
Su Lim Koeng *see* Koeng Su Lim
Su Mianzeng *see* Mianzeng Su
Su Min-Yang *see* Min-Yang Su
Su Ming *see* Bian Jinian 61544
Su Ming-Yuan *see* Ming-Yuan Su
Su Mu-Chun *see* Mu-Chun Su
Su Park Kyung *see* Kyung Su Park
Su Pengyi *see* Zhu Wenyong 100147
Su Pin *see* Pin Su
Su Qiang *see* Lin Jun 106957
Su Shi *see* Wei Qidong 112421
Su Shing-Fong *see* Shing-Fong Su
Su Shyang-Tai *see* Shyang-Tai Su
Su Sung-Ii *see* Sung-Ii Su
Su Szu-Lin *see* Szu-Lin Su
Su Te-Jen *see* Te-Jen Su
Su Ti-Ing *see* Ti-Ing Su
Su Tian-Tsair *see* Tian-Tsair Su
Su Wahshi *see* Wahshi Su
Su Wei *see* Wei Su
Su Wei-Feng *see* Wei-Feng Su
Su Weihui *see* Zheng Yisong 114710
Su Xi'an, Gao Ying, Zhao Jialong, Liu Xueyan The influence of deep levels due to the degradation on the luminescence efficiency of gap pure green light-emitting diodes 96014
Su Xian-Yu *see* Xian-Yu Su
Su Yan Kuin *see* Yan Kuin Su
Su Yan-Kuin *see* Yan-Kuin Su
Su Yi *see* Lu Xiguan 82544
Su Yilcai *see* Yilcai Su
Su Zhao *see* Zhao Su
Su Zhongmin, Lin Xingliang The arbitrary share of visual secrets 97516
Su Zhongmin *see* Wang Qing 118221
Su Zhongyi *see* Ding Meixin 104904
Su-Huai Wei, Zunger, A. Optical properties of $Ga_{0.5}In_{0.5}P$: effects of strain and ordering 62712
Su-Huai Wei, Zunger, A. Chemical trends in band offsets of Zn- and Mn-based II-VI superlattices: d-level pinning and offset compression 63019
Su-Huai Wei *see* Zunger, A. 112349
Su-Hyon Paek *see* Yoo-Sang Hwang 106317
Su-Hyun Joeng *see* Hong-In Chae 93970
Su-Jin Kang *see* Hyung-Jong Lee 85627
Su-Jin Kim *see* Yamazaki, Y. 112021
Su-Yeon Kim A strategy to support MCS over native ATM service 109165
Sua Goh Jing *see* Goh Jing Sua
Sua Goh Jing *see* Jing Sua Goh
Suard, B., Veibist, L., De Schoenmacker, D. Update on VOD trials 119487
Suard, B. *see* Van der Plas, G. 78251
Suarez, A. *see* Morales, J. 114277
Suarez, A.J.D. *see* Rodriguez, A.M. 112770
Suarez, C. *see* Cachafeiro, A. 92605
Suarez, F. *see* Garcia, D.F. 99852
Suarez, F.F., Cusumano, M.A., Fine, C.H. An empirical study of manufacturing flexibility in printed circuit board assembly 60556
Suarez, M. *see* Sherman, P.J. 117399
Suarez, M. *see* VanZante, D. 121441
Suarez, R., Nair, P.K. Co-deposition of PbS-CuS thin films by chemical bath technique 72861
Suarez-Romero, J.G. *see* Tepichin, E. 116744
Suave, R.Le *see* Le Suave, R.
Sub Joo Kyung *see* Kyung Sub Joo
Sub Kim Chang *see* Chang Sub Kim
Sub Kim Yo *see* Yo Sub Kim
Sub Lee Choong *see* Choong Sub Lee
Sub Yoon Kwang *see* Kwang Sub Yoon
Subacius, L. *see* Jarasiunas, K. 94294
Subash, S. *see* Aradhya, R.S. 111440
Subashiev, A.V. *see* Drescher, P. 105007
Subasi, D. *see* Daoud, D.S. 113238
Subba Rao, B., Das, S.K. EMI analysis of automotive vehicles and its suppression techniques 76448
Subba Rao, B. *see* Selvan, K.T. 76594
Subban, R.H.Y., Arof, A.K., Radhakrishna, S. Polymer batteries with chitosan electrolyte mixed with sodium perchlorate 102953
Subbanna, S. *see* Dujmovic, J. 67790
Subbanna, S. *see* Nguyen-Ngoc, D. 63964
Subbaraman, S., Das, A. Dispersive transport in oxide 105505
Subbarao, G.V. *see* Iyer, A. 121048
Subbarayan, G., Ferrill, M.G., DeFoster, S.M. Reliability of metallized ceramic packages 92209
Subbarayan, G., Ramakrishna, K., Sammakia, B.G. The impact of interfacial adhesion on PTH and via reliability 114449
Subbarayan, S. *see* Liu, K. 70795
Subbiah, V., Geetha, K. Certain investigations on a grid connected induction generator with voltage control 111955
Sube, R. *see* Diemar, U. 82824
Sube, R. *see* Diemar, U. 84887
Subedi, P.C., Chatterjee, I. Inclusion detection analysis in rectangular dielectric structures using the finite difference time-domain technique 97023
Suberlucq, G. *see* Bossart, R. 89668
Suberlucq, G. *see* Di Bona, A. 104998
Subhajit Sen, Bosco Leung A Class-AB high-speed low-power op amp in BiCMOS technology 61665
Subhan, M.A. *see* Khaliquzzaman, M. 94448
Subic, A., Yearwood, J., Glover, B., Mays, H. Problem-centred learning using computer algebra systems in the engineering curriculum 72116
Sublet, J.C. *see* Sherwood, D.V. 81216
Subotic, N.S. *see* Gorman, J.D. 109724
Subotowicz, M. *see* Haroutyunyan, V.S. 105583
Subrahmanya, P., Berger, T. A sliding window Lempel-Ziv algorithm for differential layer encoding in progressive transmission 66956
Subrahmanyam, P.V., Sudarsanam, S.K. A note on fuzzy Volterra integral equations 72416
Subrahmanyam, V. *see* Tulsi Ram Das, G. 111916
Subrahmonia, J., Cooper, D.B., Keren, D. Practical reliable Bayesian recognition of 2D and 3D objects using implicit polynomials and algebraic invariants 67366
Subramaniam, B. *see* Qingli Liu 108341
Subramaniam, S., Azizoglu, M., Somani, A.K. Connectivity and sparse wavelength conversion in wavelength-routing networks 87722
Subramaniam, S., Azizoglu, M., Somani, A.K. All-optical networks with sparse wavelength conversion 98774
Subramaniam, S., Petropulu, A.P., Wendt, C. Cepstrum-based deconvolution for speech dereverberation 108232
Subramaniam, S., Somani, A.K. Multicasting in ATM networks using MINs 108775
Subramaniam, V. *see* Naghski, D.H. 95707
Subramaniam-Sivanesan, S. *see* Arkadan, A.A. 63732
Subramaniam-Sivanesan, S. *see* Arkadan, A.A. 64478
Subramanian, A.K., Ahsana Asgar, A., Gopalakrishnan, V. Knowledge based ESM backed ECCM deployment in radar 70603
Subramanian, A.K., Pande, D.C. Need for an integrated approach to mitigate EMX—problems 76484
Subramanian, A.K., Pande, D.C., Boaz, K. Life test and electromagnetic shielding performance evaluation of EMI gaskets 76451
Subramanian, C. *see* Kumar, F.J. 61140
Subramanian, C. *see* Ravi, G. 75030
Subramanian, C.K. *see* Jayanth, P. 96603
Subramanian, K.R., Cheng, T.H., Mudakannavar, P. A fast bandwidth reservation scheme for ATM networks 78126
Subramanian, K.R., Qian, Q. Wireless LAN and ATM interconnectivity 98702
Subramanian, N. *see* Yousuf, M. 120235
Subramanian, R., Barberis, M., Gerbig, F., Ghosh, B. Design and implementation of all-digital receivers for mobile communications 109538
Subramanian, R.K. *see* Nagarajan, R. 88910
Subramanian, S., de Campos, M., Shpak, D.J., Antoniou, A. A robust quasi-Newton adaptive filtering algorithm for indoor wireless communications 88118
Subramanian, S., Elliott, L., Vishnuvajjala, R.V., Tsai, W.T., Mojdehbakhsh, R. Fault mitigation in safety-critical software systems 110638

Subramanian, S., Madhavapeddy, S. System partitioning in a cellular network 109422
Subramanian, S. *see* Vishnuvajjala, R.V. 110922
Subramanian, V., Sobhanadri, J. Study of microwave transient photoconductivity on single and polysilicon using cavity perturbation technique 74121
Subramanian, V. *see* Babu, S. 105129
Subramaniyan, R., Hiregange, A., Kalyanakrishnan, S., Srinivasa, N. DTMF generation and detection on the Motorola DSP56100 family 86286
Subramaniyan, R. *see* Hiregange, A. 98098
Subramaniyan, R. *see* Sancheti, N.K. 93452
Subramaniyan, R. *see* Sancheti, N.K. 98953
Subramanya, B. *see* Ruf, C.S. 101497
Subramoniam Krishnan *see* Krishnan Subramoniam
Subudhi, B., Swain, A.K. An expert system approach for fault diagnosis in a sub-system of power plant 121274
Sucha, G., Hofer, M., Fermann, M.E., Haberl, F., Harter, D. Synchronization of environmentally coupled, passively mode-locked fiber lasers 116416
Sucha, G. *see* Hofer, M. 65102
Suchail, J.-L. *see* Mancini, P. 120734
Suchalkin, S., Vasilyev, Yu., Ivanov, Yu., Ivanov, S., Kopev, S., Meltser, B., Ohyama, T. Application of quantum Hall devices for FIR detection 69188
Suchaneck, G. *see* Alhallani, B. 92898
Sucher, R. A self-organizing nonlinear filter based on fuzzy clustering 117779
Suchoiwanow, I.A. *see* Sherbatko, I.V. 99486
Suchomski, P. *see* Mrozowski, M. 76515
Suchon, D. *see* Majoros, M. 95413
Suchy, K. *see* Altman, C. 116983
Suck Jong Chung *see* Young Yun Chun 64760
Suck Rim Chong *see* Chong Suck Rim
Suck-Joong Moon *see* Kosako, H. 60863
Suck-Mok Lee *see* Hee-Doo Kwon 84745
Suck-Whan Kim, Ki-Soo Sohn Optical properties of a multiple quantum well in a HgTe/CdTe system 114770
Suckwoo Kim *see* Sungkeun Lee 67868
Suconick, D. *see* Rapoport, N. 92255
Sucre, O. *see* De Perez, T.A. 97855
Sucre R., O., Suster, D. Finite-difference solution of the transverse Laplace's equation in unbounded planar transmission lines 62143
Suda, A. *see* Uchibori, M. 82010
Suda, H. *see* Miki, Y. 68283
Suda, J. *see* Hauksson, I.S. 74216
Suda, J. *see* Yamada, Y. 74379
Suda, K. *see* Hanibuchi, T. 73213
Suda, K. *see* Makinae, N. 87591
Suda, K. *see* Oyamada, S. 78155
Suda, K. *see* Ueda, K. 73203
Suda, M., Nakajima, K., Furuta, K., Mitsuoka, Y., Sakuhara, T., Ataka, T. Electrochemical and optical processing of microstructures by scanning probe microscopy (SPM) 74946
Suda, S. *see* Li, Z.P. 71641
Suda, S. *see* Li, Z.P. 71647
Suda, T., Kakishita, K., Sato, H., Sasaki, K. N-type zinc phosphide grown by molecular beam epitaxy 114675
Suda, T. *see* Hong, D.P. 77655
Suda, T. *see* Maruyama, K. 100989
Suda, T. *see* Schmidt, D.C. 118090
Suda, Y. *see* Ishida, M. 92704
Sudame, P. *see* Badrinath, B.R. 87705
Sudan, M. *see* Borodin, A. 98381
Sudan, R.N. *see* Smith, D.L. 89738
Sudarbo, H. *see* Sudjianto, A. 103684
Sudarikov, V.V. *see* Mashendzhinov, V.I. 116362
Sudarkin, A.N., Ivanov, O.P., Stepanov, V.E., Volkovich, A.G., Danilovich, A.S., Urutskoev, L.I. The improvement of image processing and noise reduction scheme of HERV and results of gamma-imaging 101040
Sudarkin, A.N., Ivanov, O.P., Stepanov, V.E., Volkovich, A.G., Turin, A.S., Danilovich, A.S., Rybakov, D.D., Urutskoev, L.I. High-energy radiation visualizer (HERV): a new system for imaging in X-ray and gamma-ray emission regions 100973
Sudarkin, A.N. *see* Ivanov, O.P. 92995
Sudarkin, A.N. *see* Volkovich, G. 80159
Sudarsanam, S.K. *see* Subrahmanyam, P.V. 72416
Sudarshan, T.S., Gradinaru, G., Korony, G., Mitchel, W., Hopkins, R.H. High field activation of micropipes in high resistivity silicon carbide 74679
Sudarshan, T.S. *see* Gradinaru, G. 74104
Sudarshan, T.S. *see* Khan, M.A. 84677
Sudarshan, T.S. *see* Madangarli, V.P. 62662
Sudarshan Rao, N., Moharir, P.S. Estimation of the order of an autoregressive model 76931
Sudarushkin, A. *see* Kashikhin, V. 90059
Sudborough, I.H. *see* Gardner, L.M. 77786
Suddeth, B.N. *see* Vojdani, A.F. 102005
Suddeth, B.Noland *see* Noland Suddeth, B.
Suddoth, T.R., Davis, J., Gardner, L. Electronic operator interfaces for drive systems 91986
Sude, Y. *see* Ninomiya, K. 103415
Suden, R.N. *see* Greenly, J.B. 69700
Suder, E.C. *see* Corsi, M. 62050
Sudhakar, R. *see* Hanqi Zhuang 77527
Sudhakara Reddy, B. Economic evaluation of demand-side management options using utility avoided costs 70680
Sudhakara Reddy, B. *see* Painuly, J.P. 70752
Sudharsanan, R., Parnham, K.B., Karam, N.H. Cadmium zinc telluride detects gamma rays 90157
Sudhir, G., Banerjee, S., Bahl, R. Surface reconstruction from sparse range data and visual images: an integration of Shape-from-Range and Shape-from-Shading 97941
Sudhir Kumar, S. *see* Rajgopal, K. 120422
Sudhoff, S.D., Corzine, K.A., Hegner, H.J., Delisle, D.E. Transient and dynamic average-value modeling of synchronous machine fed load-commutated converters 112117
Sudhoff, S.D. *see* Corzine, K.A. 81943
Sudholter, P. The modified nucleolus as canonical representation of weighted majority games 113093
Sudijono, J.L. *see* Holmes, D.M. 82593
Suding, P.H. Opening up and transition, success and problems: financing and reforms of the electric power sector in Latin America and the Caribbean 80936
Sudit, E.F. *see* Kogan, A. 78031
Sudjianto, A., Hassoun, M.H., Wasserman, G.S. Extensions of principal component analysis for nonlinear feature extraction 108611
Sudjianto, A., Wasserman, G.S., Sudarbo, H. Genetic subsets regression 103684
Sudkamp, T., Cross, V. Toward fuzzy-valued matching and similarity assessment 92449
Sudo, A. *see* Harano, M. 79501
Sudo, G. *see* Arinaga, K. 72330
Sudo, K. *see* Omura, H. 89204
Sudo, N. *see* Ohkawa, M. 73346
Sudo, R. *see* Satoh, S. 93394
Sudo, S. Progress in optical fiber amplifiers 85385
Sudo, S., Ichihashi, Y., Ikeda, N., Taketa, K., Mameno, K. Transformation of Ti and TiN cap layer by via-hole etching 105676
Sudo, S. *see* Ohishi, Y. 65107
Sudo, S. *see* Ono, H. 96155
Sudo, S. *see* Temmyo, J. 119443
Sudo, S. *see* Yamada, M. 75867
Sudo, T., Nakamura, H. Transaction processing in distributed environments 98646
Sudo, T. *see* Doi, K. 82233
Sudo, T. *see* Inoue, Y. 112920
Sudoh, J. *see* Nakamitsu, T. 70085
Sudoh, M. *see* Fujimura, M. 85701
Sudoh, N. *see* Nakajima, A. 90681
Sudoh, R. *see* Atsumi, S. 73349
Sudoh, T.K., Nakano, Y., Tada, K. Wavelength trimming technology for distributed-feedback lasers 116553
Sudoh, T.K., Nakano, Y., Tada, K. Wavelength trimming technology for distributed feedback lasers 116554
Sudre, C., Dachs, C., De La Rochette, H., Roubaud, F., Bruguier, G., Pelanchon, F., Palau, J.-M., Gasiot, J. Application of device simulations to radiation hardening studies 84542
Sudre, C., Pelanchon, F. Variable I-V characteristics method applied to model the electrical behavior of an irradiated p-n junction. Extension to the junction in an irradiated transistor 84296
Sudre, C., Pelanchon, F., Moreau, Y., Palau, J.-M., Gasiot, J. Impact ionization influence on the photocurrent of an irradiated junction 105270
Sudre, C. *see* Moreau, Y. 105269
Sudworth, J.L. High-temperature battery systems 102949
Sudzius, M. *see* Jarasiunas, K. 94294
Sue Ching-Long *see* Ching-Long Sue
Sue Shyh-Wen *see* Shyh-Wen Sue
Sueda, H. *see* Itoh, T. 99608
Sueda, H. *see* Itoh, T. 99617
Sueda, H. *see* Maeda, S. 78972
Suehara, S., Hatano, T., Nukui, A. Water vapor effects on the TeO$_2$/Te thin film conductance 110139
Suehiro, J., Matsuo, H., Ohno, K., Miyama, M., Hara, M. Mechanism of initial electron generation in pulsed electrical breakdown of liquid helium 75010
Suehiro, J., Ohno, K., Takahashi, T., Miyama, M., Hara, M. Size effect and statistical characteristics of dc and pulsed breakdown of liquid helium 115399
Suehiro, J. *see* Choi, B.-J. 75372
Suehiro, J. *see* Miyama, M. 75015
Suehiro, J. *see* Miyama, M. 95608
Suehiro, N. *see* Kuroyanagi, N. 86193
Suehiro, T. *see* Kunkiyoshi, Y. 86687
Suehiro, T. *see* Ogura, K. 76240
Suehle, J. *see* Martin, A. 63756
Suehle, J. *see* Schlund, B. 63178
Suehle, J. *see* Schlund, B.J. 115407
Suehle, J.S., Chaparala, P. Characterization of time-dependent dielectric breakdown in intrinsic thin SiO$_2$ 106303
Suehle, J.S. *see* Cavicchi, R.E. 119773
Suehle, J.S. *see* Chaparala, P. 64060
Suehle, J.S. *see* Chaparala, P. 95254
Suehle, J.S. *see* Martin, A. 95255
Suehle, J.S. *see* Schlund, B. 94631
Suehle, J.S. *see* Waytena, G.L. 94822
Sueiras, J.E. *see* Vilanova, X. 110265
Suekane, F. *see* Abe, K. 69708
Suekane, F. *see* Abe, K. 69726
Suekane, F. *see* Hara, H. 100880
Suekane, K. *see* Matsumoto, T. 100210
Suekane, T. Direct problem approach for design of an MHD power generator using genetic algorithms 103033
Suekane, T. *see* Maeda, T. 91759
Suekane, T. *see* Murakami, T. 112423
Suekane, T. *see* Taya, T. 91760
Suekawa, E. *see* Tomomatsu, Y. 105870
Suemasu, T., Saitoh, W., Khono, Y., Mori, K., Watanabe, M., Asada, M. Transfer efficiency of hot electrons in a metal (CoSi$_2$)/insulator (CaF$_2$) quantum interference transistor 106100
Suemasu, T. *see* Saitoh, W. 84334
Suematsu, E. *see* Imai, N. 68497
Suematsu, E. *see* Kawamura, H. 116283
Suematsu, H. *see* Karppinen, M. 106663
Suematsu, N., Ono, M., Kubo, S., Sato, H., Iyama, Y., Ishida, O. L-band internally matched Si-MMIC low noise amplifier 93864
Suematsu, N. *see* Iyama, Y. 73793
Suematsu, Y. *see* Kuga, Y. 116265
Suemine, S. *see* Homma, A. 69608
Suemitsu, M., Nakazawa, H., Miyamoto, N. H$_2$-TPD study on the difference in the growth kinetics between SiH$_4$- and Si$_2$H$_6$-GSMBE 92694
Suemitsu, M. *see* Abe, T. 61428
Suemitsu, M. *see* Enta, Y. 82656
Suemitsu, M. *see* Enta, Y. 105700
Suemitsu, T., Enoki, T., Ishii, Y. Kink modification using body contact bias in InP based InAlAs/InGaAs HEMTs 74753
Suemmerer, K. *see* Schmidt, K.H. 69627
Suemune, I. *see* Akasaki, I. 103973
Suemune, I. *see* Kuroda, T. 74249
Suemune, I. *see* Lepore, M. 74362
Suemune, I. *see* Uesugi, K. 103833
Suemura, Y., Tajima, A., Henmi, N. 1 Gbyte/s error-free optical interconnection using a forward error-correcting code 75643
Suemura, Y., Tajima, A., Henmi, N., Morimura, H., Takahashi, H. An adaptive wavelength tunable optical filter employing an angle-tuned interference filter and an intelligent digital controller 78890
Suen, C.Y. *see* Ke Liu 98232
Suen Te-Hwei *see* Te-Hwei Suen
Suenaga, M. *see* Balachandran, U. 84865
Suenaga, M. *see* Fukumoto, Y. 84879
Suenaga, M. *see* Yuan-Liang Wang 64509
Sueoka, O. *see* Kurisu, H. 82660
Sueptitz, M., Kaindl, R.A., Lutgen, S., Woerner, M., Riedle, E. 1 kHz solid state laser system for the generation of 50 fs pulses tunable in the visible 107221
Sueri, S. *see* Notaro, J. 82917
Suerig, C., Hempel, K.A. Magnetization processes and ferromagnetic resonance of Hi-8 recording media 106540
Suessenbach, J. *see* Neumann, H.B. 69903
Suetens, P. *see* Maes, F. 110702
Suetens, P. *see* Nuyts, J. 90313
Suetens, P. *see* Van Cleynenbreugel, J. 110719
Suetin, N.V. *see* Mankelevich, Y.A. 92846
Suetsuga, T. *see* Shinoda, K. 114161
Suetsugu, M. *see* Kikuchi, H. 91188
Suetsugu, T. *see* Shinoda, K. 121704
Suetsugu, Y., Kanazawa, K., Ohshima, K. Bellows design and testing for KEKB 100409
Suetsugu, Y., Kato, T., Nishimura, M. Measurement of zero-dispersion wavelength variation in concatenated dispersion-shifted fibers by improved four-wave-mixing technique 64684
Suetsugu, Y., Ohshima, K., Kanazawa, K. Design studies on a vacuum bellows assembly with radio frequency shield for the KEK B factory 110484
Suetsugu, Y., Stokes, S., Ishikawa, H., Gravely, R., Nishimura, M. Length dependence of polarization-mode dispersion in short and long optical fibers and three major types of optical cables 64700
Suetsugu, Y. *see* Hisamatsu, H. 100405
Suetsugu, Y. *see* Kato, T. 64687
Suetsugu, Y. *see* Kato, T. 95700
Suetsugu, Y. *see* Kobari, T. 100406
Sueva, D. *see* Toneva, A. 119687
Sueyoshi, T. Divestiture of Nippon Telegraph and Telephone 118201
Suezawa, H., Morimoto, H., Kumata, Y., Saito, H., Sinano, K. Large-area secondary emission electron gun 94173
Suezawa, M. *see* Shi Yi 74109
Sufana, C.R. *see* Hussain, B. 121229
Suffert, M. *see* Barbiellini, G. 69722
Suffert, M. *see* Carlson, P. 100810
Sug Bong Kang *see* Chang Soon Kang 118866
Sug-Bong Choe *see* Ki-Seok Moon 115610
Suga, I., Kimata, M., Uchida, R. A simple switching method for a improved power factor type single phase converter 81582
Suga, K. *see* Takahashi, H. 73382
Suga, S. *see* Endo, S. 80517
Suga, S. *see* Imada, S. 75146
Suga, S. *see* Shiraishi, K. 84997
Suga, S. *see* Toyama, J. 89410
Suga, T., Saneshige, K., Fujimoto, J. Quantitative disassembly evaluation 72227
Suga, T. *see* Chengkuo Lee 89003
Suga, T. *see* Itoh, T. 79360
Suga, T. *see* Itoh, T. 106278
Suga, Y. *see* Ushigami, Y. 75090
Sugahara, K. *see* Nagata, Y. 80455

Sugahara, K. *see* Yea, B. 110271
Sugahara, K.-I. *see* Miyake, H. 92806
Sugahara, S. *see* Okabe, K. 109409
Sugai, H. *see* Goto, M. 104087
Sugai, I. *see* Niestroj, A. 80008
Sugai, K. *see* Shinzawa, T. 105740
Sugai, M. *see* Hayashi, N. 118332
Sugai, N. *see* Matsushita, H. 71953
Sugamima, K. *see* Nakase, H. 104957
Suganda Jutamulia *see* Xiangyang Yang 89231
Sugano, F., Kamata, H., Ishida, Y. Speech training system for hearing-impaired children using personal computer 97594
Sugano, K. *see* Kakimoto, N. 80763
Sugano, K. *see* Kakimoto, N. 101720
Sugano, K. *see* Kamozaki, K. 67977
Sugano, M. *see* Kanai, Y. 90789
Sugano, T. *see* Bird, J.P. 62928
Sugano, T. *see* Bird, J.P. 74384
Sugano, T. *see* Bird, J.P. 114782
Sugano, T. *see* Hanajiri, T. 106967
Sugano, T. *see* Hofmann, H.F. 74673
Sugano, T. *see* Lee, J.-S. 61180
Sugano, T. *see* Ochiai, Y. 62840
Sugano, T. *see* Xinwei Zhao 94534
Suganomata, S. *see* Shang, D.Y. 84694
Suganthan, P.N., Teoh, E.K., Mital, D.P. Homomorphic ARG matching by Hopfield network 67144
Suganthan, P.N., Teoh, E.K., Mital, D.P. Shape recognition using Potts MFT neural networks 86822
Suganthan, P.N., Teoh, E.K., Mital, D.P. Optimal mapping of graph matching onto Hopfield network 97989
Suganuma, H. *see* Oka, M. 96698
Suganuma, H. *see* Yamamoto, T. 106945
Suganuma, K. *see* Okabe, S. 91703
Sugata, A. *see* Ishikawa, G. 78684
Sugata, F., Tanaka, T., Yuuzu, T. Fiber optic CO_2 laser scalpel for dentistry 90565
Sugata, H., Hagino, T., Shimizu, K. Global optimization method applying chaos in multi-trajectory inertial system 113195
Sugata, M. *see* Nagai, N. 80880
Sugata, M. *see* Takeda, K. 80862
Sugathan, P. *see* Kataria, D.O. 69846
Sugawa, S. *see* Fukuda, S. 114082
Sugawara, A., Samaulah, H., Itagaki, K., Kitamura, H. Switching characteristics of a triggered vacuum gap employing a trigger electrode in the respective main electrodes 112151
Sugawara, E., Inokoshi, Y., Matsumoto, F., Shimada, Y., Fujimori, H., Masumoto, T. Magnetic properties of ring-shaped composite anisotropy multilayers 64347
Sugawara, F. *see* Mizoguchi, T. 78744
Sugawara, H. *see* Ohkawa, M. 73346
Sugawara, H. *see* Sasaki, H. 68015
Sugawara, H. *see* Someya, T. 62992
Sugawara, K. CyberSpace: Fujitsu Habitat II 87674
Sugawara, K. *see* Egashira, Y. 61362
Sugawara, M., Nagayoshi, R., Fujita, Y., Itakura, K. A 2/3-inch 2M-pixel progressive-scan A-FIT CCD image sensor 119738
Sugawara, M. *see* Shoji, H. 96278
Sugawara, M. *see* Shoji, H. 116493
Sugawara, M. *see* Yamawaki, M. 69248
Sugawara, N. *see* Okabe, A. 115712
Sugawara, R. *see* Ise, T. 102801
Sugawara, S., Seki, T. An environment evaluation and presentation system developed by the Kirigamine Environment Laboratory Centre 103169
Sugawara, S., Sugimoto, M. Equivalent circuit analysis of supporting-wires in a piezoelectric flexurally-vibrating bar gyroscope 79288
Sugawara, S. *see* Kudo, S. 89002
Sugawara, S. *see* Usui, M. 116079
Sugawara, T. *see* Hamao, F. 103129
Sugawara, T. *see* Ikebukuro, K. 110236
Sugawara, T. *see* Mutoh, H. 115799
Sugawara, T. *see* Shimizu, T. 96112
Sugawara, W. *see* Honda, T. 115870
Sugawara, Y., Ikeda, K., Maruyama, M., Itoh, M., Watanabe, H. A computerized mapping system for electric power companies 80966
Sugawara, Y. *see* Ohta, T. 120287
Sugawara, Y. *see* Sasakawa, Y. 122024
Sugawara, Y. *see* Uchida, M. 102965
Sugaya, H. *see* Inou, K. 63623
Sugaya, T., Nakagawa, T., Sugiyama, Y. Fabrication of InGaAs quantum wires with composition-controlled barrier layers by selective growth of molecular beam epitaxy 92781
Sugaya, T. *see* Sugiyama, Y. 110120
Sugaya, T. *see* Zhenlin Liu 116446
Sugaya, Y. *see* Aronstein, D. 69717
Sugaya, Y. *see* Kichimi, H. 69718
Sugden, K. *see* Hofer, M. 65102
Sugden, M. *see* Mayer, K. 94018
Sugeno, H. *see* Kanno, N. 118667
Sugeno, H. *see* Kozaru, Y. 78750
Sugeno, H. *see* Tamura, T. 101025
Sugeno, M. *see* Wei-Jie Liu 117694
Sugeno, Y. *see* Murakami, H. 73300
Sugg, B. *see* Rupp, R.A. 116776
Suggs, C.R. Electric vehicles–driving the way to a cleaner future 71853
Sugianto, L.F. *see* Mielczarski, W. 70904
Sugibayashi, T. *see* Murotani, T. 73375
Sugibayashi, T. *see* Naritake, I. 93360
Sugie, N. *see* Jie Huang 110466
Sugie, N. *see* Jun Yang 67443
Sugie, N. *see* Jun Yang 87074
Sugie, N. *see* Matsuhisa, Y. 87063
Sugie, N. *see* Ohnishi, N. 77386
Sugie, N. *see* Takeuchi, Y. 86650
Sugie, T., Yamamoto, Y. Method of determining ignition point for high current arc ignition test method specified in UL standard 95292
Sugie, T. *see* Okamoto, H. 96432
Sugie, T. *see* Sakai, Y. 75976
Sugie, T. *see* Uchida, N. 88639
Sugie, T. *see* Uchida, N. 109616
Sugie, T. *see* Yamamoto, M. 107262
Sugie Shim *see* Min-Yong Jeon 65073
Sugie Shim *see* Min-Yong Leon 65101
Sugihara, A., Enomoto, K., Sasase, I. Throughput performance of a slotted nonpersistent CSMA with an adaptive array 87383
Sugihara, H., Kobayashi, Y., Taketani, M. Multichannel cell membrane potential measuring system and its application to cortical development study 90507
Sugihara, H. *see* Inoue, S. 70121
Sugihara, H. *see* Kawahara, K. 102256
Sugihara, H. *see* Yoshida, Y. 91108
Sugihara, K. *see* Hataguchi, T. 87079
Sugihara, M. *see* Geunbae Lim 110872
Sugihara, O., Furukubo, M., Hayashi, H., Okamoto, N. Efficient nonlinear optical property in poled silica films doped with Disperse Red 1 and their waveguide-type device application 76256
Sugihara, O., Hirama, T., Fujimura, H., Okamoto, N. Second-order nonlinear optical properties from poled silicate channel-waveguide 96670
Sugihara, O. *see* Ikegaya, K. 85044
Sugihara, O. *see* Nakayama, H. 85652
Sugihara, O. *see* Okamoto, N. 76255
Sugihara, O. *see* Ozawa, M. 85601
Sugihara, S. *see* Kajikawa, T. 71727
Sugihara, Y. *see* Senda, T. 82957
Sugii, N. *see* Kabasawa, U. 75297
Sugii, T., Deura, M., Nara, Y. High-performance, deep-submicron CMOS technologies 95187
Sugii, T. *see* Deura, M. 84593
Sugii, T. *see* Kurata, H. 95017
Sugii, T. *see* Suzuki, K. 63656
Sugii, T. *see* Suzuki, K. 63725
Sugii, T. *see* Suzuki, K. 74727
Sugii, T. *see* Tosaka, Y. 93357
Sugikawa, A. *see* Murai, S. 109088
Sugiki, T., Yamanaka, J., Mizoguchi, F., Ooi, K. Moire reduction method for digital contour compensator 67194
Sugimoto, A. Object recognition by combining paraperspective images 108431
Sugimoto, F. *see* Asada, T. 113733
Sugimoto, H. *see* Gotoda, M. 103934
Sugimoto, H. *see* Matsumura, M. 91559
Sugimoto, H. *see* Taniguchi, H. 121236
Sugimoto, I. *see* Nakamura, M. 119769
Sugimoto, K., Sakata, H., Isomura, S. Device simulation of carrier life-time controlled GTO 115174
Sugimoto, K. *see* Matsuoka, T. 106197
Sugimoto, K. *see* Yamamoto, H. 91730
Sugimoto, M., Hamada, H. Memory failure analysis system linked to a wafer inspection tool 73384
Sugimoto, M., Minehara, E.J., Sawamura, M., Nagai, R., Kikuzawa, N. Current status of the superconducting RF linac driver for the JAERI free electron laser 96476
Sugimoto, M., Tanaka, Y., Matsumoto, K., Akita, S., Kasahara, H., Torii, S., Tachikawa, K. Development of Nb-Ti wires for AC use with Cu-Si alloy matrix 121179
Sugimoto, M., Terasawa, A., Isono, T., Koizumi, N., Nakajima, H., Kato, T., Nishi, M., Takahashi, Y., Ando, T., Tsuji, H., Shimamoto, S., Okuno, K., Ichihara, T., Sasaki, T., Hasegawa, M., Minato, T. Design of the CS insert coil [ITER superconducting coils] 95523
Sugimoto, M. *see* Ando, T. 95522
Sugimoto, M. *see* Eda, K. 106352
Sugimoto, M. *see* Kasahara, H. 95399
Sugimoto, M. *see* Koizumi, N. 95512
Sugimoto, M. *see* Matsui, K. 102175
Sugimoto, M. *see* Minehara, E.J. 76069
Sugimoto, M. *see* Mochida, Y. 119638
Sugimoto, M. *see* Ogata, H. 95521
Sugimoto, M. *see* Shimamoto, S. 95590
Sugimoto, M. *see* Sugawara, S. 79288
Sugimoto, M. *see* Tomita, Y. 64085
Sugimoto, M. *see* Vieira, R.F. 106723
Sugimoto, N. *see* Kondo, Y. 76123
Sugimoto, N. *see* Kondo, Y. 76235
Sugimoto, R. *see* Yoshino, K. 82776
Sugimoto, S. *see* Saito, K. 64195
Sugimoto, T., Higashiyama, Y., Asano, K. Influence of charged droplet cloud on flashover of air gaps for lightning impulse voltage 81173
Sugimoto, T. *see* Komatsu, S. 113516
Sugimoto, T. *see* Miyagi, K. 112049
Sugimoto, T. *see* Ueda, T. 112036
Sugimoto, T. *see* Washida, J. 98894
Sugimoto, Y., Tsuji, T. Study of a low voltage, low power and high frequency CMOS VCO circuit 73140
Sugimoto, Y. *see* Ihara, T. 67849
Sugimoto, Y. *see* Kosaka, H. 119155
Sugimoto, Y. *see* Moriyama, E. 68118
Sugimoto, Y. *see* Nakamura, S. 75914
Sugimoto, Y. *see* Nakamura, S. 107293
Sugimoto, Y. *see* Nakamura, S. 107296
Sugimoto, Y. *see* Nakmura, S. 116702
Sugimoto, Y. *see* Saito, H. 96378
Sugimoto, Y. *see* Yoshikawa, T. 84157
Sugimura, A. *see* Imai, M. 95867
Sugimura, H., Nakagiri, N. Scanning probe anodization: nanolithography using thin films of anodically oxidizable materials as resists 84262
Sugimura, H., Okiguchi, K., Nakagiri, N. Scanning probe lithography using a trimethylsilyl organosilane monolayer resist 84272
Sugimura, H. *see* Nakagiri, N. 63112
Sugimura, H. *see* Yamamoto, T. 84033
Sugimura, R.S. *see* Russo, S.C. 111052
Sugimura, T. *see* Kabuo, H. 61946
Sugimura, T. *see* Kabuo, H. 93477
Sugimura, T. *see* Kamiya, I. 119162
Sugimura, T. *see* Takasaki, K. 111253
Sugimura, Y., Kawazoe, K., Kubota, S. A reliable channel control method for wireless multimedia communications 68248
Sugimura, Y. *see* Kawazoe, K. 99212
Sugino, N., Iimuro, S., Nishihara, A., Fujii, N. DSP code optimization utilizing memory addressing operation 114004
Sugino, N., Miyazaki, H., Iimuro, S., Nishihara, A. Improved code optimization method utilizing memory addressing operation and its application to DSP compiler 114007
Sugino, R., Nakanishi, T., Takasaki, K., Ito, T. Identification of MOS gate dielectric breakdown spot using high selectivity Cl radical etching technique 114826
Sugino, T., Hirata, D., Yamamura, I., Matsuda, K., Shirafuji, J. Characterization of electron traps in plasma-treated AlInAs 63106
Sugino, T., Itagaki, T., Shirafuji, J. Formation of pn junctions by bonding of GaAs layer onto diamond 83900
Sugino, T., Sakamoto, Y., Miyazaki, T., Kousaka, K., Matsuda, K., Shirafuji, J. Characterization of InP Schottky junctions formed by in-situ remote plasma process 105494
Sugino, T. *see* Iwasaki, Y. 115143
Sugino, T. *see* Sakamoto, Y. 61359
Sugino, T. *see* Takahashi, N. 63317
Sugino, T. *see* Tanioka, K. 113477
Suginoshita, F. *see* Tanaka, H. 68888
Sugioka, K., Toyoda, K., Jyumonji, M., Takai, H. Laser-induced surface doping of semiconductors 105554
Sugioka, R. The global telecommunications revolution: building both information superhighways and local streets 87813
Sugioka, T. *see* Ogawa, S. 75374
Sugioto, K., Terasaki, H., Tomita, F. Detection of skewed-surface-symmetrical primitives for grasping unknown objects 86878
Sugisaka, M., Tonoya, N. Neuro control for recognition and tracking system of moving object 98261
Sugita, A. *see* Okamoto, K. 109615
Sugita, K. *see* Hayashi, M. 64942
Sugita, K. *see* Kinoshita, K. 77983
Sugita, M. *see* Matsuzaki, T. 109014
Sugita, N. *see* Mitsuishi, M. 84652
Sugita, T., Kasami, T., Fujiwara, T. The weight distribution of the third-order Reed-Muller code of length 512 97568
Sugita, Y., Saito, Y., Nara, Y. Novel dry etching technique using VUV light-induced surface reactions 114978
Sugita, Y., Takahashi, H., Komuto, M., Igarashi, M., Imura, R., Kambe, T. Magnetic and electrical properties of single-phase, single-crystal $Fe_{16}N_2$ films epitaxially grown by molecular beam epitaxy 75080
Sugita, Y. *see* Awaji, N. 84131
Sugita, Y. *see* Hoshiya, H. 64344
Sugita, Y. *see* Nakajima, A. 113489
Sugita, Y. *see* Nakamoto, K. 115706
Sugita, Y. *see* Tomiyama, F. 75221
Sugita, Y. *see* Yajima, Y. 89467
Sugita, Y. *see* Yoshida, K. 75227
Sugitani, T. *see* Yamada, S. 84881
Sugitani, Y., Kanjo, Y., Gotoh, N., Serizawa, H., Shimizu, R., Mizutani, K. Multi-robot welding system for sub-assembly in shipbuilding 91979
Sugitani, Y., Murayama, M., Tamaoki, N. Lattice welding robot with arc sensing control 91978
Sugiura, A., Inatsu, M. A study of image coding using edge adaptive one-dimensional block 66950
Sugiura, A., Inatsu, M. The ranging method to detect focal length by using partial auto-correlation 108429
Sugiura, A., Yamashita, M., Inatsu, M. Vacant TV channel reuse by extremely low power SS system using transmitted reference synch 118805
Sugiura, H. MOMBE growth of InAsP laser materials 103952
Sugiura, H., Itoh, M., Yamamoto, N., Ogasawara, M., Kishi, K., Kondo, Y. Metalorganic molecular beam epitaxy of 1.3 μm wavelength tensile-strained InGaAsP multi-quantum-well lasers 72752

Sugiura, H. *see* Ishitani, H. 110282
Sugiura, H. *see* Notomi, M. 63041
Sugiura, H. *see* Seki, S. 96292
Sugiura, K. *see* Kato, A. 89249
Sugiura, K. *see* Kato, A. 100211
Sugiura, K. *see* Yamazawa, K. 64044
Sugiura, M., Tagashira, N. Internet/Intranet SI business 118381
Sugiura, M., Yamamoto, S., Sawaki, J., Matsuse, K. The basic characteristics of two-degree-of-freedom PID position controller using a simple design method for linear servo motor drives 91807
Sugiura, M. *see* Yamamoto, S. 112441
Sugiura, N. Connector connection supervision and laser drive control 64668
Sugiura, N. Electrical evaluation for wiring of multichip module (MCM) 83681
Sugiura, O., Mizuguchi, M., Akiyama, Y. Application of induction motor to finishing machine 91981
Sugiura, S. *see* Tone, H. 67824
Sugiura, T., Fujimori, H. Mechanical resonance characteristics of a high-T_c superconducting levitation system 64585
Sugiura, T., Hase, N., Hiramatsu, K., Sawaki, N. Raman scattering study of the immiscible region in InGaAsP grown by LPE on (100) and (111) GaAs 62728
Sugiura, T., Mizushina, S., Kimura, M., Kimura, T., Harada, Y. A cardiac pacing system based on fuzzy logic–a self-tuning effect of membership functions 110934
Sugiura, T. *see* Abe, K. 80466
Sugiura, T. *see* Matsuyama, K. 80490
Sugiura, T. *see* Ohba, H. 80335
Sugiura, T. *see* Ohnuma, T. 84931
Sugiura, T. *see* Tani, M. 89317
Sugiura, Y. *see* Nakamura, H. 93368
Sugiyama, A., Ito, T. A fast timing recovery method with a decision feedback equalizer for baudrate sampling 114042
Sugiyama, A., Nakayama, T., Kato, M., Maruyama, Y., Arisawa, T. Characteristics of a pressure-tuned single-mode dye laser oscillator pumped by a copper vapor laser 75823
Sugiyama, A., Sato, H., Hirano, A., Ikeda, S. A fast convergence algorithm for adaptive FIR filters under computational constraint for adaptive tap-position control 114092
Sugiyama, A. *see* Hoshuyama, O. 120921
Sugiyama, I. *see* Kushiya, K. 112392
Sugiyama, K. *see* Okamoto, S. 81089
Sugiyama, K. *see* Okamoto, S. 81090
Sugiyama, M. Speech segmentation and clustering based on acoustic gender features 97620
Sugiyama, M., Maeyama, S., Oshima, M. X-ray standing wave study of the S-passivated InP(001) surface 94742
Sugiyama, M., Oshima, M. MBE growth of fluorides 61282
Sugiyama, M. *see* Heun, S. 61271
Sugiyama, M. *see* Heun, S. 74340
Sugiyama, M. *see* Maeyama, S. 62726
Sugiyama, M. *see* Murakami, J. 76848
Sugiyama, M. *see* Oshima, M. 82573
Sugiyama, M. *see* Watanabe, Y. 114626
Sugiyama, N., Okamoto, A., Tani, T. Growth orientation dependence of dopant incorporation in bulk SiC single crystals 105228
Sugiyama, N. *see* Kanaya, H. 105108
Sugiyama, R. *see* Yamazaki, T. 78597
Sugiyama, S. *see* Hosokawa, T. 81611
Sugiyama, S. *see* Nakao, M. 75246
Sugiyama, S. *see* Ohgaki, H. 107392
Sugiyama, S. *see* Yokoyama, M. 96469
Sugiyama, T., Abe, K. Height and reliability of edges 86853
Sugiyama, T., Kubota, S., Morikura, M., Kato, S. A coded VSB-QPSK transmission scheme for digital satellite communications in co-channel interference environments 99404
Sugiyama, T., Mizoguchi, M., Kubota, S. A half-chip offset QPSK modulation CDMA scheme employing differential detection for advanced wireless LAN systems 77988
Sugiyama, T., Mizoguchi, M., Kubota, S., Kato, S. A high efficient and interference resistant half-chip offset QPSK-CDMA scheme for wireless LAN systems 87699
Sugiyama, T., Omiya, T., Takami, K., Esaki, S. A modeling and protocol of the out-channel interaction for PCS in intelligent network 118945
Sugiyama, T., Toko, Y., Hashimoto, T., Katoh, K., Limura, Y., Kobayashi, S. Analytical simulation of electro-optical performance of amorphous and multidomain TN-LCDs 85146
Sugiyama, T. *see* Iimura, Y. 119811
Sugiyama, T. *see* Kamimura, K. 104167
Sugiyama, T. *see* Limura, Y. 85145
Sugiyama, T. *see* Matsuo, N. 113417
Sugiyama, T. *see* Mizuno, Y. 111658
Sugiyama, T. *see* Yamamoto, H. 65488
Sugiyama, T. *see* Yamamoto, H. 76258
Sugiyama, T. *see* Yamamoto, H. 85048
Sugiyama, Y., Matsukawa, T., Suzuki, H., Iwase, S., Shamsuzzaman, A.S.M., Mano, T. A new method of quantifying human muscle sympathetic nerve activity for frequency domain analysis 90500
Sugiyama, Y., Sugaya, T., Nakagawa, T. A half-micron Hall sensor with quantum-well heterostructures 110120
Sugiyama, Y. *see* Ariki, Y. 87134
Sugiyama, Y. *see* Kozu, S. 73423
Sugiyama, Y. *see* Ohmori, H. 75099
Sugiyama, Y. *see* Sato, Y. 113849
Sugiyama, Y. *see* Shoji, H. 96278
Sugiyama, Y. *see* Shoji, H. 116493
Sugiyama, Y. *see* Shoji, M. 115665
Sugiyama, Y. *see* Sugaya, T. 92781
Sugiyama, Y. *see* Tomida, S. 78934
Sugiyama, Y. *see* Yokoyama, N. 63824
Sugiyama, Y. *see* Yonezawa, N. 73453
Sugiyama, Y. *see* Zhenlin Liu 116446
Sugiyana, T., Muraoka, Y., Sogawa, H., Fukao, S. Oscillations in polar mesospheric summer echoes and bifurcation of noctilucent cloud formation 76433
Sugiyo, M. *see* Miyake, H. 92806
Sugizaki, G., Mine, Y., Komatsu, K., Saito, H. A phased array MOPA system using an adaptive mirror 116361
Sugizaki, R. *see* Akasaka, Y. 78819
Sugizaki, Y. *see* Kaibazawa, H. 98931
Sugo, A. *see* Yamagata, Y. 73452
Sugo, M. *see* Temmyo, J. 119443
Sugoniaev, V.P. *see* Zalessky, V.B. 80056
Sugoniaev, V.P. *see* Zalessky, V.B. 100890
Sugou, S. *see* Shimomura, H. 72840
Suguna, P., Mangalaraj, D., Narayandass, S.K., Meena, P. Structure, compositon, dielectric, and AC conduction studies on tin selenide films 94636
Suguna, P., Mangalaraj, D., Narayandass, S.K., Meena, P. Conduction behaviour of SnSe and SnTe thin films 105522
Suguri, K., Minami, T., Matsuda, H., Kusaba, R., Kondo, T., Kasai, R., Watanabe, T., Satoh, H., Shibata, N., Tashiro, Y., Izuoka, T., Yamauchi, H., Kotera, H. A real-time motion estimation and compensation LSI with wide-search range for MPEG2 video encoding 77531
Suguro, K. *see* Iljima, T. 63464
Suh, B.S. *see* Lee, B.K. 71422
Suh, C.-J. *see* Chlamtac, I. 88527
Suh, E.-K. *see* Jeong, M.S. 94539
Suh, E.-K. *see* Seo, Y.H. 103991
Suh, I.S. *see* Kim, Y.H. 86914
Suh, K.S., Chang Ho Lee, Mi Kyung Lee, Jae Hong han, Sang Joon Kim Characterization of XLPE-insulated underground distribution cables 111602
Suh, K.S., Hong Seok Noh, Mikyung Lee Interfacial conditions and space charge in PE laminates 64132
Suh, K.S., Jae Young Kim, Chang Ryong Lee, Takada, T. Charge distribution in polyethylene/ethylene vinylacetate laminates and blends 64108
Suh, K.S., Jung Hoe Koo, Seung Hyung Lee, Jung Ki Park, Takada, T. Effects of sample preparation conditions and short chains on space charge formation in LDPE 64106
Suh, K.S., Kyung Won Lee, Mikyung Lee Effects of solvent extraction on electrical properties of LDPE 64146
Suh, K.S., Lee, J.L., Park, H.H., Kim, C.H., Lee, J.J., Nam, K.S. Passivation effect of $(NH_4)_2S_x$ treatment on GaAs surface before photo-resist and O_2 processes 74610
Suh, S.H., Song, J.H., Moon, S.W. Metalorganic vapor phase epitaxial growth of hillock free (100) HgCdTe/GaAs with good electrical properties 72791
Suh, S.H. *see* Kim, J.S. 74221
Suh, S.J. *see* Park, J.Y. 115574
Suh, T., Ham, Y., Chun, K., Lee, J.D. 3-D resist profile simulation using string model on e-beam lithography 115102
Suh, T.-W. *see* Ham, Y.-M. 115113
Suh, Y. *see* Roh, T.M. 114303
Suh, Y.S. *see* Choi, N.C. 91933
Suh Baek-Soo *see* Baek-Soo Suh
Suh Bum-Seok *see* Bum-Seok Suh
Suh Byung-Hoon *see* Byung-Hoon Suh
Suh Chang-Jin *see* Chang-Jin Suh
Suh Dongwook *see* Dongwook Suh
Suh Duk-Bae *see* Duk-Bae Suh
Suh Ho Hyung *see* Ho Hyung Suh
Suh Ho Sung *see* Ho Sung Suh
Suh Ho-Hyung *see* Ho-Hyung Suh
suh Il Hong *see* Il Hong suh
Suh Jung-Won *see* Jung-Won Suh
Suh Kang-Deog *see* Kang-Deog Suh
Suh Kyoung-Whoan *see* Kyoung-Whoan Suh
Suh Kyung-Soo *see* Kyung-Soo Suh
Suh Moon Suhk *see* Moon Suhk Suh
Suh Park Hen *see* Hen Suh Park
Suh Sang Hee *see* Sang Hee Suh
Suh Seeng-Woe *see* Seeng-Woe Suh
Suh Seong-Woo *see* Seong-Woo Suh
Suh Youngseok *see* Youngseok Suh
Suhadolnik, A. *see* Babnik, A. 79470
Suhara, T. *see* Fujimura, M. 85701
Suhara, T. *see* Fujimura, M. 97259
Suharyana *see* Bo-Ping Hu 75087
Suhir, E. Dynamic response of a one-degree-of-freedom linear system to a shock load during drop tests: Effect of viscous damping 103450
Suhir, E., Weld, J.D. Application of a surrogate layer for lower bending stress in a tri-material body 112933
Suhk Suh Moon *see* Moon Suhk Suh
Suhling, K., McLoskey, D., Birch, D.J.S. Multiplexed single-photon counting. II. The statistical theory of time-correlated measurements 89145
Suhling, K. *see* McLoskey, D. 89144
Suhma, H. *see* Shindo, T. 109017
Suhodolcan, U., Voncina, D., Ambrozic, V., Nedeljkovic, D. Microprocessor controlled parallel active power filter 90939
Suhov, Y.M. *see* Kontoyiannis, I. 86019
Suhre, D.R., Theodore, J.G. White-light imaging by use of a multiple passband acousto-optic tunable filter 95931
Suhre, D.R. *see* Singh, N.B. 82580
Sui, H. *see* Vasa, N.J. 107193
Sui, X., Scherge, M., Kryder, M.H., Snyder, J.E., Harris, V.G., Koon, N.C. Barium ferrite thin-film recording media 106570
Sui, X. *see* Snyder, J.E. 64331
Sui, Y.X. *see* Wang, Y.D. 64372
Sui, Z. *see* Lue, B. 85568
Sui, Z. *see* Welch, M.E. 114921
Sui Fenghai *see* Fenghai Sui
Sui Jiaxian, Huang Sunan, Xia Quanshi Failure detection and location 60706
Sui Jin Foong *see* Foong Sui Jin
Sui Seung-Ki *see* Seung-Ki Sui
Sui Xiaoyu *see* Xiaoyu Sui
Sui Zhan *see* Feng Guoying 107209
Suian Zhang *see* Zhang Suian
Suino, D., Ughetti, M., Montalti, F. Fibre withdrawal measurement in optical connectors: comparison between mechanical and interferometric methods 64691
Suinot, N. *see* Rey, L. 111079
Suinot, N. *see* Vincent, N. 111183
Suinot, N. *see* Vincent, N. 111207
Suisky, D. *see* Heimbrodt, W. 74231
Suita, M. *see* Endoh, Y. 62757
Suita, M. *see* Imaizumi, M. 74200
Suita, M. *see* Imaizumi, M. 75964
Sujana, H., Swarnamani, S., John, S., Suresh, S. Ultrasonic image parameters for differentiating intraocular melanoma 120322
Sujaridchai, T. *see* Boonkosum, W. 96037
Sujatha, C. *see* Bhat, M.M. 121374
Suk, H., Wang, J.G., Reiser, M. Resistive-wall instability experiment in space-charge dominated electron beams 89849
Suk Ahn Jong *see* Jong Suk Ahn
Suk Chan Kim *see* Youngkwon Ryu 78407
Suk Chan Kim *see* Youngkwon Ryu 87376
Suk Chun Dong *see* Dong Suk Chun
Suk Jung-Bong *see* Jung-Bong Suk
Suk Ki Kim *see* Tae Kyung Chung 111998
Suk Kim Kun *see* Kun Suk Kim
Suk Kim Tai *see* Tai Suk Kim
Suk Lee Sang *see* Sang Suk Lee
Suk Shin Dong *see* Dong Suk Shin
Suk Wang Jin *see* Jin Suk Wang
Suk Woo Nam, Won Seon Song, Seong-Ahn Hong Permeation characteristics of YSZ films during the deposition on a porous NiO/YSZ substrate 81781
Suk Yang Hyun *see* Hyun Suk Yang
Suk Yang Jae *see* Jae Suk Yang
Suk-Ho Choi, Geun-Woo Lee Surface effects on the electrical conduction of porous silicon 114572
Suk-Hwan Na *see* Young-Cheol Lim 102686
Suk-Hyun Shin *see* Young-Sik Kim 77866
Suk-Jin Lee *see* Tae-Hong Kim 61442
Suk-Ki Kim *see* Bo-Eun Kim 104724
Suk-Ki Min *see* Byung Don Min 84106
Suk-Ki Min *see* Chang-Sik Son 83862
Suk-Ki Min *see* Chang-Sik Son 105158
Suk-Ki Min *see* Eun Kyu Kim 63217
Suk-Ki Min *see* Maeng Ho Son 104119
Suk-Ki Min *see* Seong-Il Kim 92697
Suk-Ki Min *see* Tae Geun Kim 94520
Suk-Ki Min *see* Tae-Geun Kim 105314
Suk-Won Min, Eung-Sik Kim, Sung-Ho Myoung, Byoung-Yoon Lee, Jong-Keun Park Calculation of the induced voltage and current for a human and a car close to 765 kV AC double circuit transmission line 81105
Sukach, G.A. Radiation induced conversion of radiative exciton complexes associated with nitrogen in p–n-structures based on GaP:N 96011
Sukardi, F. *see* Rakhshandehroo, M.R. 94174
Sukeerthi, S. *see* Lal, R. 119742
Sukegawa, T. *see* Kamiya, T. 113305
Sukegawa, T. *see* Kanai, H. 61230
Sukegawa, T. *see* Kanai, H. 92754
Sukegawa, T. *see* Kimura, M. 72812
Sukegawa, T. *see* Udono, H. 72815
Sukegawa, T. *see* Udono, H. 92755
Sukenik, C.N. *see* Collins, R.J. 95246
Sukhanov, A. *see* Calen, H. 120194
Sukhanov, A. *see* Calen, H. 120194
Sukhanov, V.I. *see* Korzinin, Y.L. 76300
Sukhanov, V.L. *see* Bagraev, N.T. 62913
Sukhanova, M. *see* Borovkov, A.I. 95581
Sukharev, O. *see* Kochemasov, G.G. 116334
Sukharev, S.A. *see* Bel'kov, S.A. 85699
Sukharev, S.A. *see* Belkov, S.A. 116681
Sukharev, S.A. *see* Kochemasov, G.G. 116311

Sukhatme, J.S., Walavalkar, V., Rao, Y.S., Venkataraman, G., Khire, M.V., Rao, K.S. Development of SAR interferometry at IIT Bombay 111093
Sukhina, B. *see* Knuth, T. 89788
Sukhina, B.N., Alinovsky, N.I., Chertok, I.L., Chumakov, S.N., Dikansky, N.S., Goncharov, A.D. A series of ion accelerators for industry 79806
Sukhina, B.N. *see* Chumakov, S.N. 102854
Sukhogusov, A.P. *see* Durandin, G.B. 112537
Sukhorukov, A.I. Lightning transient fields in the atmosphere-low ionosphere 107896
Sukhorukov, A.P. *see* Gapochka, M.G. 94197
Sukhorukov, A.P. *see* Kunitsyn, S.D. 96665
Sukhorukov, A.P. *see* Vederko, A.V. 73075
Sukhorukov, B.I. *see* Sukhorukov, G.B. 110229
Sukhorukov, G.B., Montrel, M.M., Petrov, A.I., Shabarchina, L.I., Sukhorukov, B.I. Multilayer films containing immobilized nucleic acids. Their structure and possibilities in biosensor applications 110229
Sukhovatkin, V.N. *see* Bondar, M.V. 76081
Sukidi, N. *see* Romanowski, A. 105103
Sukil Kim *see* Ilhyun Park 78073
Sukiman, I. *see* Medhi, D. 108879
Sukon, K.S., Evans, D.J. Two parameter AGE (TAGE) method for the solution of a tradiagonal linear system of equations 72641
Sukon, K.S. *see* Evans, D.J. 72688
Sukovatov, Yu.A. On the origin of dusk radar scatter events 90784
Suksi, S. *see* Rosenberg, R.J. 71080
Sukuki, Y. *see* Pak, P.S. 91400
Sukumar, M. Quantification of cardiac wall motion abnormalities using cardiac displacement plots 120378
Sukumar, V., Hayes, A., Mandara, S., Minotti, A., Matteini, A., Manzitto, A. A new family of power packages Max220, I-Max220, Max247 etc 82203
Sukumar, V., Hayes, A., Mandara, S., Minotti, A., Matteini, A., Manzitto, A. A new family of power packages Max220, I-Max220, Max247, etc 82940
Sukumar, V. *see* Notaro, J. 82917
Sukun, X. *see* Yeuming, C. 114041
Sukurai, K. *see* Saitoh, R. 105977
Sukuvaara, T. *see* Morgan, C.J. 110876
Sul, Y.C. *see* Zhi-Qiang Jin 64319
Sul Seung-Ki *see* Seung-Ki Sul
Sul Shim Jae *see* Shim Jae Sul
Sulaiman Mohd Nor Performance of CSMA-CA MAC protocol for distributed radio local area networks 87480
Sulhoff, J. *see* Evangelides, S.G., Jr. 109667
Sulhoff, J. *see* Feuer, M.D. 78792
Sulhoff, J.M. *see* Wilson, G.C. 88562
Sulhoff, J.W. *see* Bergano, N.S. 88646
Sulhoff, J.W. *see* Chraplyvy, A.R. 99580
Sulhoff, J.W. *see* Gnauck, A.H. 88643
Sulhoff, J.W. *see* Srivastava, A.K. 65112
Sulhoff, J.W. *see* Sun, Y. 96141
Sulhoff, J.W. *see* Wilson, G.C. 99768
Sulhoff, J.W. *see* Zyskind, J.L. 85403
Suli, E. *see* Hill, A.T. 60967
Sulic, D.M. *see* Grubor, D.P. 116891
Sulik, D. *see* Durackova, D. 104764
Sulima, A., Voschinin, A. Reflection-function characteristic points of weakly perturbed multilayered media 76404
Sulkimo, J., Vuoskoski, J. Particle tracking in sophisticated CAD models for simulation purposes 69761
Sulkin, A. Building the ACD-LAN connection 87615
Sull, S., Ahuja, N. Integrated matching and segmentation of multiple features in two views 77467
Sull, S., Sridhar, B. Runway obstacle detection by controlled spatiotemporal image flow disparity 86405
Suller, V.P., Clarke, J.A., Fitzgerald, J.B., Owen, H.L., Poole, M.W., Queralt, X., Smith, S.L. Updated plans for DIAMOND, a new X-ray light source for the UK 79866
Sullivan, A., Bonlie, J., Price, D.F., White, W.E. 1.1-J, 120-fs laser system based on Nd:glass-pumped Ti:sapphire 65123
Sullivan, A., White, W.E., Chu, K.C., Heritage, J.P., Delong, K.W., Trebino, R. Quantitative investigation of optical phase-measuring techniques for ultrashort pulse lasers 110413
Sullivan, A. *see* Bonlie, J.D. 96235
Sullivan, A. *see* Chu, K.C. 100369
Sullivan, A.J. *see* Stok, L. 113637
Sullivan, B. Step-by-step SMT: Solutions for today. I. Design for manufacture: From the designer's perspective 73857
Sullivan, B.T. *see* Li, L. 89377
Sullivan, C.R., Sanders, S.R. Measured performance of a high-power-density microfabricated transformer in a DC-DC converter 121598
Sullivan, C.R. *see* Daniel, L. 121690
Sullivan, C.T. *see* Smith, J.H. 116279
Sullivan, C.T. *see* Smith, R.E. 85066
Sullivan, D.M. Exceeding the Courant condition with the FDTD method 85792
Sullivan, E.J. *see* Candy, J.V. 86242
Sullivan, F. *see* Russell, M. 83367
Sullivan, G.D. *see* Maybank, S.J. 67309
Sullivan, G.D. *see* Tan, T.N. 86407
Sullivan, G.D. *see* Tan, T.N. 87036
Sullivan, G.J. Efficient scalar quantization of exponential and Laplacian random variables 97834
Sullivan, G.J. *see* Malvar, H.S. 86738
Sullivan, J., Browne, J. Wireless applications provide focus for antenna companies 85958
Sullivan, J. *see* Costic, M. 72367
Sullivan, J.J. *see* Braeckelmann, G. 84217
Sullivan, J.J. *see* Loan, J.F. 63840
Sullivan, J.L. The tribology of flexible magnetic recording media 106500
Sullivan, J.L., Adams, J.W. An algorithm for solving the Toeplitz systems of equations in FIR digital filter design problems 66708
Sullivan, J.L. *see* Hempstock, M.S. 106546
Sullivan, J.L. *see* Hempstock, M.S. 115744
Sullivan, J.P. *see* Britton, C.L., Jr. 110617
Sullivan, J.P. *see* Weitering, H.H. 74456
Sullivan, L.A., Han, B. Vapor delivery methods for CVD: an equipment selection guide 72887
Sullivan, L.A. *see* Loan, J.F. 63840
Sullivan, M. Radar correlation and report fusion 68567
Sullivan, M. *see* Bedoy, C. 115686
Sullivan, M. *see* England, P. 68851
Sullivan, M. *see* Nosochkov, Y. 79976
Sullivan, M. *see* Yang, M.M. 115690
Sullivan, M.J., Noland Suddeth, B., Vardell, T., Vojdani, A. Interruption costs, customer satisfaction and expectations for service reliability 70734
Sullivan, M.J., Papanikolopoulos, N.P. Using active-deformable models to track deformable objects in robotic visual servoing experiments 86775
Sullivan, M.J., Vardell, T., Johnson, M. Power interruption costs to industrial and commercial consumers of electricity 82022
Sullivan, N. *see* Dixson, R. 115084
Sullivan, N. *see* Dixson, R. 115280
Sullivan, N.S. Cryogenic Colpitts oscillator for high sensitivity detection of NMR 73760
Sullivan, P. *see* Talin, A.A. 94171
Sullivan, P.A. *see* Hakansson, P. 100775
Sullivan, P.J., Xavier, B.A., Costa, D., Ku, W.H. Silicon MOSFET distributed amplifier 73106
Sullivan, R.E. Fiber-optic link around the globe (FLAG): the FLAG cable system network 88553
Sullivan, R.L. *see* Hagler, M.O. 112764
Sullivan, R.W., Balasubramaniam, K., Bennett, G. Plate wave flow patterns for ply orientation imaging in fiber reinforced composites 61509
Sullivan, T. *see* Hu, C.-K. 115003
Sullivan, T.D., Bouldin, D.P., Yao, D.H. Electrical measurement of stress-induced void growth 115021
Sullivan, T.D., Bouldin, D.P., Yao, D.H., Bicry, G. Accelerated testing for stress voiding in multilayered metallization 63468
Sullivan, T.D. *see* Ziegler, J.F. 72394
Sullivan, W.B. Review threshold techniques for wideband receivers 83002
Sullivan, W.G. *see* Pui Mun Lee 112761
Sullivan, W.T., III, Cordes, J.M. Astrophysical coding: a new approach to SETI signals. II. Information about the sender's environment 79106
Sullivan, W.T., III *see* Cordes, J.M. 79105
Sulong, G. *see* Mohamad, D. 86702
Sulong, G. *see* Shaaban, Z. 86683
Sultan, A., Banerjee, S., List, S., Rodder, M. Role of silicon surface in the removal of point defects in ultrashallow junctions 114699
Sultan, A., Latchman, H.A. Adaptive quantization scheme for MPEG video coders based on HVS (human visual system) 86571
Sultan, F. *see* Abdel-Wahab, H. 67881
Sultan, F. *see* Abdel-Wahab, H. 87886
Sultan, N., Shallwani, A. A new figure of merit for modelling and optimizing advanced mobile satellite systems 88189
Sultan, O. Today, multimedia and information highways are a reality. Products and services requested by the market are still to be created! 118574
Sultana, J.A. *see* Doyle, K.B. 69293
Sultana, Q.S. *see* Majumdar, S. 72504
Sultanov, T.T. *see* D'yakonov, M.V. 88705
Sultanov, Yu.I. *see* Rasulov, A.R. 81356
Sul'yanov, S.N., Andriyanova, M.E., Kheiker, D.M. Measurements of angular coordinates by an SD-1000 detector with spherical drift region 69883
Sul'yanov, S.N. *see* Kheiker, D.M. 69882
Sulzer, G. *see* Oldekop, E. 74222
Sum Chu Tak *see* Tak Sum Chu
Suma, K. *see* Yamaguchi, Y. 93358
Suma, S., Gunji, K., Tagami, T., Sakamoto, Y. Surface mount type SAW filter for hand-held telephones 104659
Sumanasekera, G.U. *see* Baxter, D.V. 94574
Sumarkov, S.V. *see* Kaganovich, B.M. 70633
Sumarokov, M.A. *see* Duraev, V.P. 116544
Sumei Guo *see* Juping Yang 86876
Sumei Sun *see* Sun Sumei
Sumi, C., Suzuki, A., Nakayama, K. Determination of the spatial distribution of a physical parameter from the distribution of another physical variable. A differential inverse problem 88887
Sumi, H. *see* Shibata, T. 65586
Sumi, K. *see* Funakubo, K. 79316
Sumi, M. *see* Shibata, T. 110377
Sumi, S. *see* Suzuki, Y. 116143
Sumi, T. Ferroelectric nonvolatile memory technology 93364
Sumi, T. *see* Hirano, H. 93366
Sumi, T. *see* Makino, H. 61811
Sumi, T. *see* Makino, H. 61826
Sumi, T. *see* Makino, H. 93279
Sumi, T. *see* Morinaka, H. 61825
Sumi, T. *see* Suzuki, H. 93258
Sumi, T. *see* Yoshimura, T. 73517
Sumi, Y. *see* Maruyama, K. 100989
Sumic, Z. *see* Yeh, E.-C. 70870
Sumic, Z. *see* Yeh, E.-C. 91151
Sumichrast, L. Numerical power attenuation/amplification effects of the iterated explicit finite differences beam propagation method 107846
Sumichrast, L. *see* Kunz, A. 75560
Sumida, H., Hirabayashi, A. Lateral IGBT structure on the SOI film with the collector-short region for improved blocking capability 63634
Sumida, H., Hirabayashi, A., Tagami, S. Transient substrate current in the SOI-LIGBT 95005
Sumida, H., Hirabayashi, A., Tagami, S. Investigation of transient substrate currents in lateral power devices on silicon-on-insulator 105902
Sumida, M., Amemiya, M., Furukawa, S., Tanaka, K. Fault location on optical amplifier submarine transmission systems 119169
Sumida, M., Furukawa, S.-I., Tanaka, K., Aiki, M. High-accurate fault location technology using FSK-ASK probe backscattering reflectometry in optical amplifier submarine transmission systems 119182
Sumida, S. *see* Satomura, Y. 83296
Sumida, W. *see* Itoh, Y. 74858
Sumihiro, S., Kawakami, H., Sato, G., Wakabayashi, R. A note of Poynting flow of power of sketch mapping for a Yagi-Uda antenna above a flat ground 108066
Sumimoto, S.-S. *see* Yase, K. 72896
Sumimoto, T., Nagashima, T., Kuniyoshi, S., Kudo, K., Tanaka, K. Growth of co-evaporated TTF-TCNQ films on surface modified substrates 72897
Sumin Zheng *see* Zheng Sumin
Sumino, J. *see* Iwata, K. 61202
Sumino, K. *see* Shi Yi 74109
Sumino, K. *see* Yang, D. 94234
Suminto, J.T. A wide frequency range, rugged silicon micro accelerometer with overrange stops 74935
Sumioka, A. *see* Hikata, M. 109381
Sumioka, A. *see* Hikita, M. 76669
Sumita, I. *see* Idota, K. 105692
Sumita, I. *see* Kaneko, A. 62564
Sumita, I. *see* Yokoyama, T. 92715
Sumita, M. End of the glut 100206
Sumitani, H. *see* Nishioka, Y. 73337
Sumitomo, K., Nishioka, T., Ogino, T. Atomic structure analysis of the interfaces in Si/Ge superlattices 105125
Sumiya, H., Satoh, S. High-pressure synthesis of high-purity diamond crystal 113268
Sumiya, T., Miura, T., Fujinuma, H., Tanaka, S.-I. Scanning tunneling microscopy study of initial growth of CaF_2 and BaF_2 on Si(111) 103849
Sumiya, T., Miura, T., Tanaka, S. Initial growth stage of CaF_2 on Si(111)-7×7 studied by high temperature UHV-STM 92717
Sumiyoshi, F., Kawabata, S., Matsuyama, K., Kawashima, T., Mito, T., Takahata, K., Satow, T., Yamamoto, J., Kanai, Y., Yamamoto, T., Nakamoto, K. Measurements of coupling losses in superconducting cable-in-conduit conductors affected by internal transverse electromagnetic-forces 95561
Sumiyoshi, F. *see* Kimura, A. 95602
Sumiyoshi, H., Mochizuki, Y., Suzuki, S., Ito, Y., Orihara, Y., Yagi, N., Nakamura, M., Shimoda, S. Network-based cooperative TV program production system 109881
Sumiyoshi, I. *see* Tsushima, H. 85248
Sumiyoshi, K. *see* Suzuki, T. 89293
Sumiyoshi, K. *see* Takatori, K. 100245
Sumiyoshi, T., Takahashi, A., Obara, M. Aluminum layer formation on aluminum nitride ceramic by irradiation with a TEA CO_2 laser 63189
Sumiyoshi, T. *see* Lu, C. 69720
Sumiyoshi, T. *see* Seguinot, J. 69714
Sumiyoshi, Y. *see* Ogata, H. 95521
Summerfelt, S.R. *see* Kingon, A.I. 113945
Summerfield, M. *see* Yates, J. 88581
Summerfield, M.A., Tucker, R.S. Optimisation of frequency converters in WDM optical switches 78766
Summerfield, M.A., Tucker, R.S. Optimization of pump and signal powers for wavelength converters based on FWM in semiconductor optical amplifiers 107317
Summerfield, M.A. *see* Wang, C.C. 78769
Summerfield, M.A. *see* Yates, J.M. 78752
Summerfield, S. Analysis of convolutional encoders and synthesis of rate-2/n Viterbi decoders 78275
Summerfield, S., Anderson, M., Kershaw, S., Sandler, M. VLSI implementation of a sigma-delta bitstream FIR filter 114134
Summerfield, S., Wicks, T., Lawson, S. Design and VLSI architecture and implementation of wave digital filters using short signed digit coefficients 114108
Summerfield, S. *see* Kershaw, S.M. 114109
Summers, C.J., Parikh, A., Tran, T.K., Tomm, J.W., Schafer, P., Giles, N.C., Pearson, S.D., Bent, R.G., II., Wagner, B.K., Bicknell-Tassius, R.N. Optical

and electrical properties of iodine doped HgCdTe alloys and superlattices grown by metalorganic molecular beam epitaxy 74445
Summers, C.J., Tong, W., Tran, T.K., Ogle, W., Park, W., Wagner, B.K. Photoluminescence properties of ZnS epilayers grown by metalorganic molecular beam epitaxy 74162
Summers, C.J. *see* McMillan, R.W. 73713
Summers, C.J. *see* Menkara, H.M. 116231
Summers, C.J. *see* Parikh, A. 72792
Summers, C.J. *see* Tong, W. 113301
Summers, C.J. *see* Tran, T.K. 74224
Summers, C.J. *see* Tran, T.K. 74408
Summers, C.J. *see* Tran, T.K. 75714
Summers, C.J. *see* Yang, T. 82683
Summers, G.P., Walters, R.J., Messenger, S.R., Burke, E.A. Role of radiation-hard solar cells in minimizing the costs of global satellite communication systems 71711
Summers, G.P. *see* Messenger, S.R. 103032
Summers, G.P. *see* Walters, R.J. 71710
Summers, G.P. *see* Walters, R.J. 81910
Summers, G.P. *see* Waltersa, R.J. 121891
Summers, H.D., Rees, P. Experimental investigation of the differential gain in semiconductor lasers and its influence on Q-switching performance 107327
Summers, H.D. *see* Raddatz, L. 65301
Summers, H.D. *see* Williams, K.A. 65245
Summers, L. *see* Bonito-Oliva, A. 95532
Summers, M.K. *see* Hartley, S. 103338
Summers, P.L. *see* Peale, R.E. 100111
Summers, R.M., Sostman, H.D., Spritzer, C.E., Fidler, J.L. Fast spoiled gradient-recalled MR imaging of thoracic aortic dissection: preliminary clinical experience at 1.5 T 69984
Summers, R.M. *see* Shuqing Zhang 110731
Summers, T.A. *see* Roh, W.B. 65448
Summonte, C. *see* Giorgis, F. 92841
Sumner, M. Estimation of the magnetising curve of a cage induction motor using an extended Kalman filter 71304
Sumner, M., Conroy, B., Alexander, T. Evaluation of encoderless vector control techniques for induction motor drives 71778
Sumner, M. *see* Blasco-Gimenez, R. 71803
Sumner, M. *see* Newton, C. 121688
Sumner, M. *see* Wheeler, P.W. 121996
Sumner, R. *see* Dhawan, S. 100987
Sumonwattanadej, B. *see* Cheevasuvit, F. 86879
Sumpf, B. *see* Waschull, J. 70526
Sumption, M.D., Collings, E.W. Stability, mechanical considerations, and AC loss in HTSC monoliths, coils, and wires 115958
Sumption, M.D., Motowidlo, L.R., Ozeryansky, G., Galinski, G., Collings, E.W. A comparison of AC loss, magnetization, H_r and U_0 for Bi:2212 wires, crystals and melt grown samples 64526
Sumption, M.D., Motowidlo, L.R., Ozeryansky, G., Galinski, G., Collings, E.W. Bi:2212 multifilamentary round wires–intrinsic and extrinsic J_c limitations, comparison to monocrystal properties 84864
Sumption, M.D. *see* Collings, E.W. 64528
Sumra, J. *see* Monahan, K. 115079
Sun, B. *see* Tsai, C.S. 106891
Sun, C. Parallel sparse orthogonal factorization on distributed-memory multiprocessors 61006
Sun, C., Zhao, Z., Sun, Y., Lu, Q. Design of nonlinear robust excitation control for multimachine power systems 70748
Sun, C. *see* Jacobsen, E.R. 69762
Sun, C.C. *see* Chang, J.Y. 116699
Sun, C.J., Yang, J.W., Chen, Q., Lim, B.W., Anwar, M.Z., Khan, M.A., Temkin, H., Weismann, D., Brenner, I. Photoluminescence study of high quality InGaN-GaN single heterojunctions 94321
Sun, C.J. *see* Asif Khan, M. 116539
Sun, C.J. *see* Chen, Q. 95041
Sun, C.J. *see* Khan, M.A. 115246
Sun, C.J. *see* Smith, M. 62736
Sun, C.J. *see* Yang, J.W. 85307
Sun, C.K., Anderson, G.W., Orazi, R.J., Berry, M.H., Pappert, S.A., Shadaram, M. Phase and amplitude stability of broadband analog fiber optic links 68456
Sun, C.K., Nguyen, R., Chang, C.T., Albares, D.J. Photovoltaic-FET for optoelectronic RF/μwave switching 116235
Sun, C.K., Orazi, R.J., Pappert, S.A., Burns, W.K. A photonic-link millimeter-wave mixer using cascaded optical modulators and harmonic carrier generation 95826
Sun, C.K. *see* Chang, C.T. 96387
Sun, C.K. *see* Welstand, R.B. 64806
Sun, C.Y. *see* Li, D.C. 63488
Sun, D. A class of iterative methods for solving nonlinear projection equations 113223
Sun, D., Beernink, K.J., Thornton, R.L., Treat, D.W. Dual-wavelength laser by selective intermixing of GaAs/AlGaAs quantum wells 96302
Sun, D., Bour, D.P., Beernink, K.J., Treat, D.W., Bringans, R. TE/TM cross-polarization laser diodes using tensile-strained quantum wells 96249
Sun, D., Colestock, P., Foley, M. Transverse coupling impedance measurement using image current 100501
Sun, D., Treat, D.W., Bour, D.P. High performance 660 nm InGaP/AlGaInP quantum well metal cladding ridge waveguide laser diode 96280
Sun, D. *see* Liu, G. 82441
Sun, D.C., Jiang, E.Y., Tian, M.B., Lin, C., Zhang, X.X. Epitaxial single crystal $Fe_{16}N_2$ films grown by facing targets sputtering 61275
Sun, D.C. *see* Du, Y.C. 94737
Sun, F.G., Wagoner, G.A., Bentz, D., Zhang, X.-C. Measurement of free-space THz pulses via long-lifetime photoconductors 69468
Sun, F.G. *see* Wu, Q. 79684
Sun, G., Ranson, K.J. Radar modeling of forest spatial structure 120709
Sun, G. *see* Giam Kim Toh 92168
Sun, G. *see* Tung, P. 92169
Sun, G.F. *see* Lu, D.F. 113626
Sun, H., Allen, G.H., Cain, G.D. A new filter-bank configuration for harmonic measurement 71006
Sun, H. *see* Edinger, H.C., Jr. 86545
Sun, H. *see* Nakayama, W. 60632
Sun, H.-Y., Wang, L., Oksasoglu, A., Akgul, T. Comment on "Chaotic masking scheme with a linear inverse system" [and reply] 108113
Sun, H.B. Study on the anticorrosion of Zn-Ni alloy passivation film 61494
Sun, H.B., Li, Y.D., Chen, S.Y., Hu, L.Z., Zhang, Y.X., Liu, S.Y. Iron-doped semi-insulating InP grown by chloride VPE with nitrogen mixed with hydrogen as carrier gas 65231
Sun, H.C. *see* Hafizi, M. 63631
Sun, H.H. *see* Wenwei Qiao 70138
Sun, J., Grotstollen, H. A symbolic computation package for averaged analysis of power electronic systems 71410
Sun, J., Grotstollen, H. Symbolic analysis of switching power converters based on a general averaging method 121616
Sun, J., Grotstollen, H. Fast time-domain simulation by waveform relaxation methods 121707
Sun, J., Liu, J. Synchronization protocols in distributed real-time systems 77766
Sun, J. *see* Acovic, A. 106206
Sun, J.M. *see* Izaki, K. 91966
Sun, J.M. *see* Takano, H. 120282
Sun, J.M. *see* Uchihori, Y. 91943
Sun, J.P. *see* Zhang, X. 62907
Sun, J.Z., Gallagher, W.J., Koch, R.H. Direct-coupled high-T_c thin film SQUIDs using step-edge weak-link junctions 64556
Sun, K. *see* Zhao, T. 75137
Sun, L. *see* Jin, C. 74246
Sun, L. *see* Zhao, J. 74247
Sun, L. *see* Zhao, S. 116423
Sun, L.P. A restricted trust region method with supermemory for unconstrained optimization 92498
Sun, L.S. *see* Shen, M.F. 120328
Sun, M. *see* Tsui, F.-C. 90288
Sun, M.J. *see* Chen, F.Y. 95305
Sun, P. *see* Kiyono, S. 69496
Sun, P.C. *see* Shames, P. 95824
Sun, R. *see* Jiang, M. 89418
Sun, S.-S. *see* Rack, P.D. 96013
Sun, S.C., Chen, C.H., Lou, J.C. MOS characteristics of N_2O-grown and NO-annealed oxynitrides 84150
Sun, S.C., Chen, T.F. Leakage current reduction in chemical-vapor-deposited Ta_2O_5 films by rapid thermal annealing in N_2O 84016
Sun, S.C., Tsai, M.H. Characterization of low pressure chemical-vapor-deposited titanium nitride from metalorganic sources 61342
Sun, S.C., Tsai, M.H., Tsai, C.E., Chiu, H.T. Properties of metalorganic chemical vapor deposited tantalum nitride thin films 84242
Sun, S.C. *see* Tsai, M.H. 63168
Sun, S.M. *see* Zweigart, S. 92937
Sun, S.T. *see* Gibbons, W.M. 85118
Sun, S.Z. *see* Ortiz, G.G. 107287
Sun, T.-P. *see* Kuan, C.H. 119672
Sun, T.P., Liao, R.H., Wang, C.H., Hong, H.M., Chang, H., Wu, C.W., Liu, J.S., Lin, H.H. A study of the dark currents of InSb charge injection devices 115245
Sun, W. Block iterative algorithms for solving Hermite bicubic collocation equations 60932
Sun, W. *see* Tang, H. 97974
Sun, W.H. *see* Steuch, H.E. 101570
Sun, W.Z. *see* Liang, T.-X. 62495
Sun, X. *see* Hicks, L.D. 63021
Sun, X.-Q., Masuzawa, T., Fujino, M. Micro ultrasonic machining and self-aligned multilayer machining/assembly technologies for 3D micromachines 74948
Sun, X.K. *see* Zhi-Qiang Jin 64319
Sun, X.L. *see* Zhang, L.S. 82487
Sun, X.W., Huang, H.C., Kwok, H.S. On the initial growth of indium tin oxide on glass 61370
Sun, X.W. *see* Xiao, R.F. 113491
Sun, Y., Fidler, J.K. Current-mode OTA-C realisation of arbitrary filter characteristics 73541
Sun, Y., Fidler, J.K. Design method for impedance matching networks 93550
Sun, Y., Jiatun Si, Cooley, D., Han, H.C., Udpa, S., Lord, W., Minxing Qu, Meijuan Chen, Yang Zhao Efforts towards gaining a better understanding of the remote field eddy current phenomenon and expanding its applications 65707
Sun, Y., Luo, G., Zyskind, J.L., Saleh, A.A.M., Srivastava, A.K., Sulhoff, J.W. Model for gain dynamics in erbium-doped fibre amplifiers 96141
Sun, Y., Nix, A., McGeehan, J.P. HIPERLAN performance analysis with dual antenna diversity and decision feedback equalisation 118403
Sun, Y., Van Zejl, H., Tauritz, J.L., Baets, R.G.F. Suspended membrane inductors and capacitors for application in silicon MMIC's 83437
Sun, Y. *see* Chraplyvy, A.R. 99580
Sun, Y. *see* Gnauck, A.H. 88643
Sun, Y. *see* Henderson, T. 89790
Sun, Y. *see* Kagawa, Y. 97260
Sun, Y. *see* Pfeiffer, M. 85142
Sun, Y. *see* Sonoda, N. 104105
Sun, Y. *see* Spriggs, D.M. 107473
Sun, Y. *see* Sun, C. 70748
Sun, Y. *see* Vong, M.S.W. 85553
Sun, Y. *see* Zyskind, J.L. 85403
Sun, Y.-C. *see* Acovic, A. 95184
Sun, Y.-K. *see* Sung, P.-A. 68478
Sun, Y.-N. *see* Horng, M.-H. 70017
Sun, Y.-N. *see* Liu, F.-Y. 110792
Sun, Y.-S., Ashley, M.C.B., Storey, J.W.V. Wide-field near-infrared all-reflecting camera with Fabry-Perot for astronomy 69261
Sun, Y.B. *see* Lee, Y.M. 82236
Sun, Y.B. *see* Lee, Y.M. 82276
Sun, Y.B. *see* Tae-Hyun Kim 103439
Sun, Y.N. *see* Chen, C.H. 110791
Sun, Y.S. *see* Chen, M.J. 107759
Sun, Y.S. *see* Katragadda, G. 60683
Sun, Y.S. *see* Katragadda, G. 60684
Sun, Y.Y. *see* Meng, R.L. 75302
Sun, Z. Study on the property of plate octopoles lenses 65713
Sun, Z., Luo, J., Chen, C.W., Parker, K.J. Analysis of a wavelet-based compression scheme for wireless image communication 97868
Sun Baogen *see* Wang Guicheng 69862
Sun Baomin, Xu Xuchang The systematic numerical simulation and experiment study of gas-solid two-phase flow, heat transfer and combustion in W-shape flame boiler furnace 121360
Sun Baoquan *see* Baoquan Sun
Sun Baoyin *see* Baoyin Sun
Sun Changyi *see* Changyi Sun
Sun Changzhi, Chen Zhifei, Ding Xiying Electromagnetic analysis and optimal design of NdFeB PM DC motor for ocean motor 103132
Sun Cheng Siu *see* Siu Sun Cheng
Sun Chengxiu, Zhang Youwen, Gao Zhongling Some improvement on the light emission properties of MIM tunneling junction system 106946
Sun Cherng-Yuan *see* Cherng-Yuan Sun
Sun Chi-Kuang *see* Chi-Kuang Sun
Sun Ching-Cherng *see* Ching-Cherng Sun
Sun Choi Byung *see* Byung Sun Choi
Sun Chuen-Tsai *see* Chuen-Tsai Sun
Sun Chung Ho *see* Ho Sun Chung
Sun Chung-Ming *see* Chung-Ming Sun
Sun Chunxiao *see* Chunxiao Sun
Sun Daliang *see* Wang Jiyang 64301
Sun De-Gui *see* De-Gui Sun
Sun Dechang *see* Huang Jiayu 90952
Sun Delin *see* Delin Sun
Sun Dewen, Tian Xiaopeng Access implementation of MIB based on SNMP network management 118230
Sun Dianzhao *see* Wang Xiaoliang 103929
Sun Do Mi *see* Mi Sun Do
Sun Fan-Ping *see* Fan-Ping Sun
Sun Fang *see* Fang Sun
Sun Fanping *see* Fanping Sun
Sun Feng-Wen *see* Feng-Wen Sun
Sun Fuchuan *see* Fuchuan Sun
Sun Guijuan *see* Guijuan Sun
Sun Guilin Curvature radius measurement of divergent wavefront 96594
Sun Guoen *see* Deng Xiancan 83409
Sun Guojun *see* Zhou Huaichun 121359
Sun Guoqing *see* Guoqing Sun
Sun Hairong, Li Lemin DQCA: a new medium access control protocol for MANs 109004
Sun Hairong, Li Lemin Sojourn time analysis for constant-bit-rate services in the ATM DQDB MAN 118454
Sun Hairong *see* Liao Jianxin 117971
Sun Haiyin *see* Haiyin Sun
Sun Han Te *see* Te Sun Han
Sun Hao Precisely locating system of mobile VLBI antenna via predictive control 108051
Sun Heng-Hui *see* Heng-Hui Sun
Sun Hong-Bo, Li Yu-Dong, Hu Li-Zhong, Wang Yi-Ding, Yu Guang-Hui, Chen Song-Yan, Zhang Yu-Xian, Liu Shi-Yong A novel technique to achieve strong colliding-pulse effect in CPM QW LD 107261
Sun Hong-Bo *see* Li Yu-Dong 107022
Sun Hongbin, Zhang Boming, Xiang Niande An algorithm to calculate current and power flow through circuit breaker in real-time network analysis 112150
Sun Hongbin, Zhang Boming, Xiang Niande, Lin Guanwei Some special problems in on-line dispatcher load flow 80944
Sun Hongbo, Xu Guoyu, Qin Yihong, Zhao Youxin The fuzzy stochastic optimization model for power network planning 91071
Sun Hongbo *see* Xie Yongsheng 111528
Sun Hongo, Liu Shiyong, Chen Weiyou, Hu Lizhong, Li Yudong, Chen Songyan Design of

saturable absorber in colliding-pulse mode-locking quantum well laser diodes 65263
Sun Hongyan, Mao Shiyi, Li Shaohong The properties of an algorithm for hierarchical fusion of multisensor data 66609
Sun Hongyan, Mao Shiyi, Lin Pinxing The properties for hierarchical fusion of multisensor data 97825
Sun Hsiang-Chih *see* Hsiang-Chih Sun
Sun Huifang *see* Huifang Sun
Sun Hung-Min *see* Hung-Min Sun
Sun Huosheng *see* Huosheng Sun
Sun Hwang In *see* In Sun Hwang
Sun Ji-Guang *see* Ji-Guang Sun
Sun Ji-Jun *see* Kislinskii, Yu.V. 84909
Sun Ji-Jun *see* Ji-Jun Sun
Sun Ji-Ten *see* Ji-Ten Sun
Sun Jiahong *see* Jiahong Sun
Sun Jian *see* Wang Peiwei 120072
Sun Jian *see* Jian Sun
Sun Jianwei *see* Zhang, J.Q. 111700
Sun Jianwei *see* Zhang Yafei 72872
Sun Jie *see* Jie Sun
Sun Jijun *see* Ichikawa, F. 106664
Sun Jin Lim *see* Dong Hoon Choi 76162
Sun Jing-Ao *see* Jing-Ao Sun
Sun Jinwei *see* Zhang, J.Q. 117414
Sun Jonqyin *see* Jonqyin Sun
Sun Jun *see* Jun Sun
Sun Jung Choi, Yong Deak Kim A study on the grey scale driving of the simple matrix LCDs 69402
Sun Kang, Jongarm Jun, Hun Kang An AAL design for circuit emulation with signalling function 118725
Sun Kim Young *see* Young Sun Kim
Sun Kook Yoo *see* Young Tae Han 79196
Sun Kunquan *see* Kunquan Sun
Sun Lee Byoung *see* Byoung Sun Lee
Sun Li, Lu Yongping, Liang Jianxong An analysis of power electronic element in a mechanical electronic system 112455
Sun Li *see* Li Sun
Sun Liangyan *see* Yung Chongzhi 69367
Sun Lianke, Zhang Shaojun, Cheng Ruiping, Wang Qingpu, Zhao Shengzhi Study of characteristic of a LD pumped Nd:S-VAP laser 65116
Sun Lianke *see* Shen Deyuan 65158
Sun Lianke *see* Wang Qingpu 96162
Sun Lianke *see* Zhao Shengzhi 65149
Sun Lianke *see* Lianke Sun
Sun Liankui *see* Zhang Jian 79257
Sun Limin *see* Limin Sun
Sun Lingling, Chen Xiane Load-pull simulation for large signal GaAsFET 84496
Sun Lir-Fang *see* Lir-Fang Sun
Sun Long, Zhuang Qi, Yang Boling Supersonic chemical oxygen-iodine laser 116319
Sun Longxiang *see* Longxiang Sun
Sun Luk, J.D.Lan *see* Lan Sun Luk, J.D.
Sun Luorui, Yue Xuedong, Wang Chunhua Effect of lead screen upon scintillation counters for detecting cosmic rays 90139
Sun Meng *see* Bradley, D.D.C. 106944
Sun Meng *see* Meng Sun
Sun Min *see* Min Sun
Sun Min Kyung *see* Kyung Sun Min
Sun Ming *see* Ming Sun
Sun Mingui *see* Mingui Sun
Sun Minying *see* Minying Sun
Sun Mog Hong *see* Young Heon Jeong 70585
Sun Moo Kang *see* Byung Chun Jeon 78293
Sun Ning *see* Ning Sun
Sun Pang-Chen *see* Pang-Chen Sun
Sun Park Byung *see* Byung Sun Park
Sun Ping, Zhang Liangying, Yao Xi Preparation of PLZT films from metallo-organic precursors 64094
Sun Pu Lyong *see* Lyong Sun Pu
Sun Qian *see* Qian Sun
Sun Qibin *see* Qibin Sun
Sun Qin *see* Cai Ming 80931
Sun Qing *see* Yang Yintang 104100
Sun Qing *see* Zhuang Yiqi 60722
Sun Qing *see* Zhuang Yiqi 82976
Sun Qing *see* Zhuang Yiqiand 105964
Sun Qiyu *see* Qiyu Sun
Sun Quan *see* Quan Sun
Sun Qunxue *see* Huang Xianlin 111033
Sun Ruipeng *see* Ruipeng Sun
Sun Ryu Young *see* Young Sun Ryu
Sun Shaobo *see* Shaobo Sun
Sun Shenghe *see* Wu Yanwei 66184
Sun Shenghe *see* Zhao Chunhui 108370
Sun Shijun *see* Rong Gang 120206
Sun Shiqian *see* Jiang Zhuamgui 82885
Sun Shiyu *see* Zhang Qixin 80688
Sun Shouyao, Dai Jizhi Instabilities of characterization in $LiNbO_3$ proton exchanged optical waveguides 64749
Sun Shouyu, Zheng Junli Improved Hopfield neural network algorithm for cell placement 106124
Sun Shuisheng *see* Zhu Zhenqing 80802
Sun Shuqin *see* Zhao Xuedong 79639
Sun Songgen *see* Ling Cong 117150
Sun Sumei Broadband measurements of indoor wireless LAN channels at 18 GHz using directive antennas 116920
Sun Tai-Ping *see* Tai-Ping Sun
Sun Tze-Chiang *see* Tze-Chiang Sun
Sun Tzyh-Yi *see* Tzyh-Yi Sun
Sun Wanjun *see* Zhou Zhongxiang 76104
Sun Weikai *see* Weikai Sun
Sun Weimin *see* Wang Zhengping 119825
Sun Weimin *see* Weimin Sun
Sun Won Chee *see* Chee Sun Won
Sun Xian-He *see* Xian-He Sun
Sun Xiao-Hang *see* Chen Shui-Sheng 73717
Sun Xiaopeng, Fang Sheng, Liu Jun, Zheng Xuefan, Zhou Tianshu, Chen Xiaojian, Shao Kai, Guo Changning Ka-band low noise HEMT amplifier 73709
Sun Xiaorong *see* Xiaorong Sun
Sun Xiaowei, Luo Jinsheng, Zhou Zongming, Cao Jinrong, Lin Jinting A MESFET variable-capacitance model for realizing MMIC voltage-controlled function 74755
Sun Xiaowei *see* Xiaowei Sun
Sun Xiaoyun *see* Xiaoyun Sun
Sun Xihua, Xu Ying Urban network reconstruction and spread of 20 kV medium voltage for its power distribution 70875
Sun Xinding *see* Xu Changsheng 108461
Sun Xiudong *see* Zhou Zhongxiang 76104
Sun Xun, Chen Yisheng, Chen Xuexian The glass doped with CdS_xSe_{1-x} semiconductor microcrystallites can not be applied to the antiresonant ring APM laser to shorten the pulse width 75382
Sun Ya-Ku *see* Ya-Ku Sun
Sun Yale *see* Yale Sun
Sun Yaming, He Jiali, Wang Dong An intelligent system of neural networks group with time-space structure property for EHV transmission line on-line faults synthetic recognition and performance analysis 121141
Sun Yan The calculation of output thermal potential for thermocouple loops 110115
Sun Yan *see* Chen Yihong 85974
Sun Yan *see* Yan Sun
Sun Yan-Zuo *see* Mo De-Ju 79306
Sun Yangshen *see* liu Jin 120978
Sun Yangshen *see* Miao Shihong 111694
Sun Yeong-Jeu *see* Yeong-Jeu Sun
Sun Yicai *see* Yicai Sun
Sun Yichuang *see* Yichuang Sun
Sun Yihe *see* Yihe Sun
Sun Ying, Meng Zhaodun A research on the hardware system of microcomputer protection and supervisory control system in substation by using the STD bus computer 112160
Sun Yizhu *see* Sang Fengting 107095
Sun Yong *see* Yong Sun
Sun Yonghao *see* Yonghao Sun
Sun Yongqiang *see* Yongqiang Sun
Sun Yu *see* Yu Sun
Sun Yuan *see* Yuan Sun
Sun Yuankun *see* He Shunzhong 65485
Sun Yuanzhang, Li Xiong, La Qiang Designing excitation controller from zero dynamics view point. I. Case of multimachine power system 80928
Sun Yuanzhang, Li Xiong, Lu Qiang Designing excitation controller from zero dynamics view point. II. Case of multimachine power system 80911
Sun Yuanzhang, Li Xiong, Lu Qiang Variable structure fuzzy logic stabilizer for generator 80941
Sun Yuanzhang, Liu Jianzheng, Yang Zhiping, Zhao Zhiyong, Lu Qiang, Ji Yong Dynamic modelling and transient simulation for advanced static VAr generator 80906
Sun Yuanzhang, Liu Jianzheng, Zhao Zhiyong, Yang Zhiping, Lu Qiang Experiment and analysis of ASVG [advanced static VAr generator] 111499
Sun Yuanzhang, Yang Zhiping, Wang Zhifang, Lu Qiang Voltage stability improvement using ASVG nonlinear control 111527
Sun Yuanzhang *see* Li Shurong 101915
Sun Yuanzhang *see* Yuanzhang Sun
Sun Yuh-Maoh *see* Yuh-Maoh Sun
Sun Yunan *see* Xu Hongyao 106818
Sun Yuning *see* Yuning Sun
Sun Yunlong *see* Yunlong Sun
Sun Yushi *see* Yushi Sun
Sun Yutian *see* Tang Renyuan 102642
Sun Zheng-Min *see* Zheng-Min Sun
Sun Zhengmin *see* Zhengmin Sun
Sun Zhijie, Chen Yunlun Transformer differential protection based on the characteristic analysis of the first and second half cycle of the magnetizing in-rush current 112046
Sun Zhong Liang *see* Zhong Liang Sun
Sun Zhong-Kang *see* Zhong-Kang Sun
Sun Zhong-Liang *see* Zhong-Liang Sun
Sun Zhonglian *see* Dou Wenbin 97150
Sun Zhonglin *see* Yu Zhenrui 112403
Sun-Hwa Hong *see* Hyuk-Ryeol Park 106030
Sun-Ki Hong, Hong-Kyu Kim, Jang-Sung Chun, Hyun-Kyo Jung Finite element analysis in electromagnetic system considering vector hysteresis characteristics 95340
Sun-Ki Hong *see* Jang-Sung Chun 97001
Sun-Koo Kang *see* Ho Soek 81267
Sun-Kook Yoo *see* Sung-Chul Han 109963
Sun-Moo Kang, Bu-Ihl Kim, Young-So Cho, Byung-Nam Yoon A study on the service node system for future telecommunication services 87865
Sun-Young Hwang *see* Dae-Il Oh 76777
Sun-Young Hwang *see* Dae-Il Oh 109911
Sun-Young Hwang *see* Hong-Shin Jun 61570
Sun-Young Hwang *see* Jeong-Il Choi 61958
Sun-Young Hwang *see* Shin-Il Lim 73492
Suna, R., Berns, K. NeuroPipe–a neural network based system for ultrasonic inspection 103496
Sunada, K., Noguchi, T., Tsuboi, M., Inatani, J. A focal plane array receiver for the NRO 45-m telescope 68807
Sunaga, H., Tomita, S., Koyanagi, K., Inamori, H. Customer network management service and MO architecture for data networks 77882
Sunaga, H., Ueda, K., Koyanagi, K., Okamoto, A., Inamori, H. File operation for a non-stop service enhanceable software (NOSES) platform 87589
Sunaga, H. *see* Matsumura, H. 77877
Sunaga, H. *see* Murata, K. 98573
Sunaga, H. *see* Ohyama, H. 84306
Sunaga, H. *see* Ohyama, H. 105873
Sunaga, H. *see* Ohyama, H. 105874
Sunaga, H. *see* Ohyama, H. 105880
Sunaga, H. *see* Ohyama, H. 116228
Sunaga, H. *see* Ohyamaa, H. 115145
Sunaga, H. *see* Okamoto, A. 77836
Sunaga, H. *see* Ueda, K. 77867
Sunaga, K. *see* Kawashima, H. 75054
Sunaga, K. *see* Kawashima, H. 89001
Sunaga, K. *see* Kawashima, H. 104398
Sunaga, K. *see* Kawashima, H. 106379
Sunaga, T. A full bit prefetch DRAM sensing circuit 61907
Sunaga, T., Miyatake, H., Kitamura, K., Kogge, P.M., Retter, E. A parallel processing chip with embedded DRAM macros 113975
Sunaga, Y. *see* Sameshima, T. 94667
Sunagawa, M. *see* Yoshida, K. 107460
Sunago, K. *see* Nanri, K. 116797
Sunahara, Y. *see* Ohmine, H. 118933
Sunakawa, H. *see* Yamaguchi, A.A. 92699
Sunakawa, K. *see* Abe, T. 63162
Sunako, M. *see* Michishita, K. 116804
Sunami, K. *see* Morinaga, K. 109737
Sunamura, H., Shiraki, Y., Fukatsu, S. Photoluminescence from submonolayer Ge embedded in Si(100) 63076
Sunan Huang *see* Huang Sunan
Sunasaka, Y. *see* Morinaga, K. 109737
Sunay, M.O., McLane, P.J. Performance of selection diversity for a DS CDMA system with synchronization errors 68239
Sunay, M.O., McLane, P.J. Effects of carrier phase and chip timing errors on the capacity of a quadriphase spread BPSK modulated DS-CDMA system 77697
Sunay, M.O., McLane, P.J. Comparison of biphase spreading to quadriphase spreading in DS CDMA systems that employ long PN sequences 88124
Sunayama, K. *see* Nakamoto, M. 102516
Sunberg, D.S. *see* Bliss, M. 79995
Sundar, R.M., Rajan, M.M., Basu, S., Bapat, V.P. An economic alternative for the conventional ambulances for mass health care. 2. Design conceptualisation and detailing 110871
Sundaram, A., Malcolm, W. Custom power–distributing quality power to industrial customers 111512
Sundaram, A., Mehta, H., Tahiliani, V. CUSTOM POWER–EPRI's response to power quality issues 70884
Sundaram, A. *see* Brooks, D.L. 121260
Sundaram, A. *see* Chandrasekaran, A. 70820
Sundaram, A. *see* Rauch, G.B. 121261
Sundaram, A. *see* Venkataramanan, G. 91662
Sundaram, G. *see* Meisels, R. 105249
Sundaram, K.B. Educational activities of the IEEE Orlando Section 60487
Sundaram, K.B. Microelectronic curriculum development and education 106162
Sundaram, K.B., Khan, A. Work function determination of zinc oxide films 105134
Sundaram, K.B., Wahid, P.F., Melendez, O. Deposition and X-ray photoelectron spectroscopy studies on sputtered cerium dioxide thin films 104099
Sundaram, K.B. *see* Wahid, P. 103350
Sundaram, K.R. *see* Murthy, U.M.S. 88744
Sundaram, M., Campman, K.L., Allen, S.J., Jr., Gossard, A.C. Oscillations in the plasma frequency of electrons in a superlattice in a parabolic quantum well 105436
Sundaram, M., Gunapala, S., Park, J.S., Liu, J.K., Grunthaner, P.J. A 128×128 pixel focal plane array infrared QWIP camera for space-based imaging at 15 μm 110217
Sundaram, M. *see* Ferreira, A.C. 62963
Sundaram, M. *see* Ferreira, A.C. 105400
Sundaram, M. *see* Gunapala, S. 89088
Sundaram, M. *see* Holtz, P.O. 62743
Sundaram, P. *see* Thandapani, E. 72681
Sundaram, R., Ersoy, O.K., Hansen, D. Adaptive approach to edge detection 86972
Sundaram, R. *see* Bhushan, B. 75257
Sundaram, R. *see* Marathe, M.V. 118165
Sundaram, R.Shanmuga *see* Shanmuga Sundaram, R.
Sundaram, S. Distributed digital logic simulation on a network of workstations 61725
Sundaram, S., Patnaik, L.M. Distributed logic simulation: time-first evaluation vs. event driven algorithms 93335
Sundararaman, C.S., Tazlauanu, M., Mihelich, P., Bensaada, A., Masut, R.A. A 1-10 GHz interface

engineered SiN$_x$/InP/InGaAs HIGFET technology 104842
Sundararaman, V., Davidson, B.D. New test methods for determining fracture toughness as a function of mode mix for bimaterial interfaces 113625
Sundaravel, B. *see* Kuri, G. 83808
Sundaravel, B. *see* Satyam, P.V. 105459
Sundareshan, M.K., Amoozegar, F. Neural network fusion capabilities for efficient implementation of tracking algorithms 108295
Sundareshan, M.K. *see* Amoozegar, F. 97803
Sundareswaran, P., Hariri, S. NetAnalyzer: a retrospective network analysis tool 108936
Sundarrajan, V. *see* Harkar, A. 105872
Sundarsingh, V.P. *see* Jog, S. 84539
Sundarum, A. *see* Kagalwala, R. 111590
Sundberg, E. *see* Kakui, M. 78760
Sundberg, R., Kamf, A. CuNiSi–an old alloy with new connector applications 114400
Sunde, S. Monte Carlo simulations of polarization resistance of composite electrodes for solid oxide fuel cells 81745
Sunde, S., Muller, F.R., Nisancioglu, K., Gur, T.M. Validation of oxygen transport data from potential step measurements in electronically conducting perovskites 81788
Sunde, S. *see* Lauvstad, G.O. 81825
Sunder, S.B. *see* Sebastian, S. 92468
Sunderland, D.A. *see* Nguyen-Ngoc, D. 63964
Sunderland, D.A. *see* Nguyen-Ngoc, D. 115373
Sundermann, U. *see* Flottmeyer, F. 71389
Sundermeier, C. *see* Steinkuhl, R. 120272
Sundersingh, V.P. *see* Nandi, S. 112579
Sundersingh, V.P. *see* Saha, S. 103069
Sundgren, H. *see* Borjesson, T. 69353
Sundgren, J.-E. *see* Fornander, H. 61217
Sundstrom, L. The effect of quantization in a digital signal component separator for LINC transmitters 68112
Sunduchkov, K., Kasimirenko, V., Illchenko, M., Shelkovnikov, B. Satellite communication earth station design (VSAT) 99435
Sune, J. *see* Nafria, M. 95251
Suneja, S.K., Aggarwal, S. Lagrange duality in multiobjective fractional programming 82469
Suner, J.S. *see* Silva-Martinez, J. 93141
Suner, J.S. *see* Silva-Martinez, J. 93565
Sunesen, K. *see* Klarlund, N. 98480
Sung, A.H. *see* Chang, W. 67393
Sung, A.H. *see* Wu, C.J. 98335
Sung, A.H. *see* Wu, C.J. 117415
Sung, B., Chui, H.C., Martinet, E.L., Harris, J.S., Jr. Control of quasi-bound states by electron Bragg mirrors in GaAs/Al$_{0.3}$Ga$_{0.7}$As quantum wells 62887
Sung, C.K. *see* Reddy, S. 113855
Sung, C.Y., Norris, T.B., Lam, Y., Singh, J., Zhang, X.K., Bhattacharya, P.K. Gain recovery dynamics: femtosecond time resolved spectral hole burning and carrier capture in a separate confinement QW laser structure 116564
Sung, C.Y., Norris, T.B., Zhang, X.K., Lam, Y.L., Vurgaftman, I., Singh, J., Bhattacharya, P.K. Studies of carrier relaxation in low dimensional structures 63079
Sung, C.Y. *see* Whitaker, J.F. 114644
Sung, C.Y. *see* Zhang, X. 62907
Sung, D.K. *see* Cho, H.S. 78579
Sung, D.K. *see* Chung, M.Y. 78111
Sung, D.K. *see* Kang, S.H. 77675
Sung, D.K. *see* Kang, S.H. 87283
Sung, H.J. *see* Park, Y.C. 109695
Sung, J.Y.-H., Kun-Wah Yip, Tung-Sang Ng Code phase assignment DS/CDMA communications for indoor wireless Rician multipath fading channels 119087
Sung, K.K. *see* Hui, S.Y.R. 121743
Sung, K.T. *see* Peng, N.C. 94606
Sung, M. *see* Eshkar, N.S. 80250
Sung, P.-A., Chen, K.-C. Space diversity of high speed non-directive infrared wireless communications 78825
Sung, P.-A., Chen, K.C., Chang, C.M. Toward a practical multiuser receiver in fading channels 99109
Sung, P.-A., Sun, Y.-K., Chen, K.-C. Signal processing of high speed nondirective infrared wireless communications 68478
Sung, R. *see* Ananda, M. 78623
Sung, T. *see* Arkhipov, I.I. 62684
Sung, T. *see* Popovici, G. 84090
Sung, T. *see* Popovici, G. 105116
Sung Ahan Hee *see* Hee Sung Ahan
Sung Baek Kim *see* Chul Sung Kim 64307
Sung Baek Kim *see* Chul Sung Kim 115572
Sung Bum Pan, Rae-Hong Park A unified systolic array for computation of the 2D DCT/DST/DHT 72737
Sung Chan Park, Keun Bae Kim Video camera zoom lens design using lens modules 68913
Sung Chan Park *see* Gil Yong Chung 91754
Sung Chung Joong *see* Joong Sung Chung
Sung Dan Keun *see* Dan Keun Sung
Sung Gun Yong *see* Gun Yong Sung
Sung Ha-Jong *see* Ha-Jong Sung
Sung Han Park *see* Jong Myeon Jeong 87102
Sung Hee-Kyung *see* Hee-Kyung Sung
Sung Ho Cho *see* Chae Hun Chung 99156
Sung Ho Kim, Do-Kyeong Ko, Jongmin Lee, Sung Woo Lee, Hong Jin Kong Pulse amplification of a single-mode CW dye laser 96130
Sung Ho Kim *see* Do-Kyeong Ko 65053
Sung Ho Kim *see* Do-Kyeong Ko 85619
Sung Hoon Kwon, Hyun Chul Shin Module generation using a new routing model 113657
Sung Hoon Yang *see* Ho Seong Lee 96414
Sung Hsing-Wen *see* Hsing-Wen Sung
Sung Hung-Yeop *see* Hung-Yeop Sung
Sung Hwan Cho, Tanaka, U., Hata, K., Maruyama, T., Akimoto, E. Photoluminescence properties of GaN grown under ion flux reduced condition by plasma enhanced molecular beam epitaxy 74133
Sung Hwan Kim *see* Young Chang Jo 84596
Sung Il Chien *see* Bon Cheol Koo 67376
Sung Il Chien *see* Yung Mok Baek 82832
Sung J. Jang, Yong T. Kim, Chong K. Yu, Jong T. Park, Byung K. Park, Jong D. Lee Hot carrier effects and device degradation in deep submicrometer PMOSFET 95002
Sung Jae Yun *see* Chang Doon Shin 118272
Sung Jang Yong *see* Yong Sung Jang
Sung Jo Kim *see* Jae Ho Jeong 78223
Sung Johnny Yat-Hong *see* Johnny Yat-Hong Sung
Sung Jong *see* Jong Sung
Sung Joo Kim, Seung Jong Park, Ho Seung Shin, Yung Hwan Oh A complexity reduction method for VSELP coding using overlapped sparse basis vectors 97608
Sung Joon Cho *see* Eon Gon Kim 66261
Sung Joon Cho *see* Eon Gon Kim 78406
Sung Joon Cho *see* Eon Gon Kim 117342
Sung Joon Cho *see* Kyung Joon Lee 99330
Sung Jun Park, Bo Young Lee, Dong Ho Won A probabilistic encryption using very high residuosity and its applications 76762
Sung Kah-Kay *see* Kah-Kay Sung
Sung Keun Lee, Sang Shin Yoo, Duck Jin Kim Performance comparison of application signalling protocol on B-ISDN bearer connection types 109155
Sung Keun Lee *see* Sang Shin Yoo 98883
Sung Ki Kim, Byeong Yeon Moon, Jae Seong Byun, Hong Bin Jeon, Jin Jang Preparation of wide band gap microcrystalline silicon film by using SiH$_2$Cl$_2$ 92844
Sung Ki Kim, Keun Soo Lee, Jin Jang Creation of interface states between SiO$_2$ and a-Si:H in a-Si:H thin film transistors by bias-stress 94612
Sung Ki Kim *see* Keun Soo Lee 115248
Sung Kim Byung *see* Byung Sung Kim
Sung Kim Cheol *see* Cheol Sung Kim
Sung Kim Chul *see* Chul Sung Kim
Sung Kim Jong *see* Jong Sung Kim
Sung Kim Tae *see* Tae Sung Kim
Sung Koeng-Mo *see* Koeng-Mo Sung
Sung Kwun Kim *see* Chung Hyuk Yim 71336
Sung Kyo Park, June Hyun Kim, Chong Baek Park A study of characteristics of X-band microstrip patch antenna affected by permittivity and electrical thickness of the substrate 85992
Sung Lai Chao *see* Chao Sung Lai
Sung Lee Bu *see* Bu Sung Lee
Sung Lee In *see* In Sung Lee
Sung Lee Jae *see* Jae Sung Lee
Sung Lee Myung *see* Myung Sung Lee
Sung Min Hwang *see* Byung Don Min 84106
Sung Oh Don *see* Don Sung Oh
Sung Oh Ji *see* Ji Sung Oh
Sung Po-An *see* Po-An Sung
Sung Po-Hou *see* Po-Hou Sung
Sung Pyo Hong *see* Chae Gon Oh 104569
Sung Sang Hun *see* Sang Hun Sung
Sung Shick Koh, Chung Hwa Kim A fast image coding for iterated transformation theory based coding using codebook and MRS (multi-resolution random searching) 86701
Sung Soh Young *see* Young Sung Soh
Sung Suh Ho *see* Ho Sung Suh
Sung Tack Ko *see* Kyung Ho Cho 101230
Sung Tae Ahn *see* Kee-Won Kwon 61908
Sung Tae Shin *see* Seeng-Woe Suh 64822
Sung Tae-Hyun *see* Tae-Hyun Sung
Sung Ting-Yi *see* Ting-Yi Sung
Sung Won Jun, Tae-Yeon Seong, Lee, J.H., Bun Lee Naturally formed In$_x$Al$_{1-x}$As/In$_y$Al$_{1-y}$As vertical superlattices 74428
Sung Won Lee, Dong Ho Cho Distributed reservation CDMA for wireless LAN 77996
Sung Woo Choi, Bun Lee, Jong Hyeob Baek Optimal growth of InGa(Al)As/InAlAs Bragg reflectors for a 1.55-μm wavelength 82757
Sung Woo Lee *see* Do-Kyeong Ko 85619
Sung Woo Lee *see* Sung Ho Kim 96130
Sung Wook Lim *see* Honda, T. 94680
Sung Yang Jin *see* Jin Sung Yang
Sung Yi, Jing Sua Goh, Ji Cheng Yang Finite element analysis of hygrothermally induced stresses in plastic IC packages 72300
Sung Yoo Choul *see* Choul Sung Yoo
Sung Yoon Dae *see* Dae Sung Yoon
Sung Yung-Kwon *see* Yung-Kwon Sung
Sung Yungkwon *see* Yungkwon Sung
Sung-Bock Kim *see* Seong-Ju Park 61208
Sung-Bong Cho The power industry in Korea: the business environment for the participation of the private sector 80937
Sung-Bum Hwang *see* Key-Jeong Yoon 94535
Sung-Bum Park, Nanya, T. Automatic synthesis of speed-independent circuits from signal transition graph specifications 93343
Sung-Chan Ko, Se-Kyoung Park A study on the probability of handover fail in low earth orbit (LEO) satellite communication systems 78611
Sung-Cheng Huang *see* Feng, D. 101193
Sung-Chul Han, Sun-Kook Yoo, Sung-Wook Park, Nam-Hun Jeong, Joon-Suk Kim, Ki-Soo Kim, Yong-Tae Han, Dae-Hee Youn An ASIC implementation of the MPEG-2 audio decoder 109963
Sung-Chul Lee, Kee-Hyun Park, Hang-Geun Jeong Integrated circuit design of power-stabilizing circuitry for optical transmitter 82912
Sung-Chul Lim *see* Zhong-Tao Jiang 115101
Sung-Chul Shin *see* Cheolse Kim 114577
Sung-Chul Shin *see* Jin-Hong Kim 106574
Sung-Chul Shin *see* Ki-Seok Moon 64374
Sung-Chul Shin *see* Ki-Seok Moon 115610
Sung-Chul Shin *see* Kyung Eon Lee 113375
Sung-Chul Shin *see* Seong-Sue Kim 115618
Sung-Chun Kim *see* Jin-il Kim 77519
Sung-Duck Ahn *see* Il Kim 72878
Sung-Gap Lee *see* In-Gil Park 74993
Sung-Han Kim *see* Seong-Hoon Kang 67886
Sung-Ho Myoung *see* Suk-Won Min 81105
Sung-Hoon Kim, Ki-Doo Kim, Soo-Young Chang, Jin-Wook Kim Realization of a real-time adaptive acoustic echo canceller on ADSP-2101 73432
Sung-Hwan Jung, Mitra, S.K., Mukherjee, D. Subband DCT: definition, analysis, and applications 77108
Sung-Hyun Yun *see* Young-Il Kang 67791
Sung-Ii Su *see* Jung-Hyun Hwang 108477
Sung-Ik Jun *see* Eun-Hyang Lee 118719
Sung-Jae Joo *see* Jin-Won Park 84084
Sung-Jea Ko, Morales, A., Kyung-Hoon Lee Fast recursive algorithms for morphological operators based on the basis matrix representation 77274
Sung-Jea Ko *see* Morales, A. 76959
Sung-Jun Lim *see* Jong-Young Park 99307
Sung-Jun Lim *see* Kyung-Sang Lee 119041
Sung-Keun Chang, Ohyun Kim Low-temperature-processed polycrystalline silicon thin-film transistors using titanium disilicide contacts for source and drain 63735
Sung-Kwon Park *see* Dong-Soo Han 67561
Sung-Kyun Park, Kyung-Soo Yi The optical transitions in symmetrically doped GaAs/AlGaAs quantum wells in the presence of high electric fields 63017
Sung-Man Lee *see* Kwang-Sup Kim 121853
Sung-Man Lee *see* Si-Yeoul Jang 105726
Sung-Ming Yen *see* Chi-Sung Laih 76720
Sung-Mo Kang *see* Chin-Chi Teng 84248
Sung-Mo Kang *see* Chin-Chi Teng 95192
Sung-Mo Kang *see* Conforti, E. 99539
Sung-Mo Kang *see* Jaewon Kim 104451
Sung-Mo Kang *see* Li-Pen Yuan 113821
Sung-Mo Kang *see* Xiang, A. 69182
Sung-Mo Kang *see* Yi-Kan Cheng 74833
Sung-Mo Kang *see* Yi-Kan Cheng 84591
Sung-Mo Kang *see* Yi-Kan Cheng 115346
Sung-Mo Koo *see* Chul-Ho Won 98234
Sung-Moon Yang *see* Wei-Kang Cheng 114138
Sung-Nam Kim, In-Chul Hwang, Young-Woo Kim, Soo-Won Kim A VLSI chip for isolated speech recognition system 108195
Sung-Sil Kim *see* Don-Sung Oh 88300
Sung-Sil Kim *see* Myung-Ryul Choi 97913
Sung-Soo Kim, Kasparis, T., Schiavone, G.A. Open-ball-operators for 3-D object recognition 108729
Sung-Soo Kim *see* Kyung-Rae Cho 81182
Sung-Soo Kim *see* Yong-Cheol Kang 102784
Sung-Tae Kim *see* Hyung-Ki Hong 119778
Sung-Wan Park *see* Chul-Hwan Kim 70930
Sung-Won Kwon *see* Kyu-Tae Kim 109976
Sung-Wook Min *see* Byoungho Lee 106782
Sung-Wook Park *see* Sung-Chul Han 109963
Sung-Yong Cho *see* Sejin Han 112927
Sung-Yong Park, Hariri, S., Yoonhee Kim, Harris, J.S., Yadav, R. NYNET Communication System (NCS): a multithreaded message passing tool over ATM network 109100
Sunga, B. *see* Sidhu, T.S. 91464
Sungbin Im, Powers, E.J. A fast method of discrete third-order Volterra filtering 108310
Sungchang Lee *see* DongGill Lee 77837
Sungchul Lee *see* Jaechun Han 83103
Sunghan Kim, Daeyoung Jang, Jinwoo Hong, Seonghoon Kang A multi-channel audio source codec for HDTV 79160
Sungho Kang, Youngmin Hur, Szygend, S.A. A hardware accelerator for fault simulation utilizing a reconfigurable array architecture 73255
Sunghoon Kwon *see* Hyunchul Shin 109929
Sunghyuk Park *see* Hyunchul Shin 109929
Sunghyun Choi, Shin, K.G. Centralized wireless MAC protocols using slotted ALOHA and dynamic TDD transmission 118117
Sunghyun Choi, Wee-Keong Ng Vector quantizer design using genetic algorithms 86090
Sungjo Kim *see* Youngkyun Kim 98359
Sungju Park A new complete diagnosis patterns for wiring interconnects 82851
Sungjun Park, Joonho Lim, Soo-Ik Chae Hardware implementation of discrete-time cellular neural networks using distributed arithmetic 62100
Sungkeun Lee, Youngkung Kim, Seungkyu Kim, Suckwoo Kim, Hyunjoon Cho, KyungHun Jang, Sangsin Yoo, Duckjin Kim, Youngjin Sim An

implementation of B-ISDN signalling for point-to-point connection 67868
Sungkeun Lee *see* Kyunghun Jang 78146
Sungkwon Hong, Youngwoo Yun, Changeon Kang LSB coded hybrid frequency phase shift keying 66552
Sungkyu Yu, Jang Hee Chu, Joo In Lee, Dongho Kim, Yee, Y.H., Kim, D.S., Jong Hyun Lee Strong instantaneous contribution in femtosecond degenerate four-wave mixing from 350 μm InP due to virtual excitation 85573
Sungmyun Kim *see* Bumsoo Han 79911
Sungmyun Kim *see* Keeman Kim 79771
Sungoh Min Televideo business in Korea Telecom 87958
Sungpyo Hong *see* Hyunchul Shin 109929
Sungsoo Kang *see* Changoo Lee 119213
Sungsoo Kim, Lombardi, F. Fault tolerance in a VLSI processor by scheduling with time redundancy 61928
Sungsoo Park *see* Kyungchul Park 118172
Sungtae Park *see* Hokyung Kim 86982
Sungtaek, J. *see* Eungcheon, K. 67617
Sungwon Gong *see* Sangho Yoon 106167
Sungwon Kang, Myung Sung Lee A communicating systems modeling language for application to conformance and interoperability issues 108792
Sungyeol Kang *see* Byungryong Kang 88042
SunHyun Youn, Sang-Kyung Choi, Kumar, P., Ruo-Ding Li Observation of sub-Poissonian light in traveling-wave second-harmonic generation 116737
Sunil, D. *see* Tsang, C. 75105
Sunil Kumar, K.N. *see* Mohan, R. 76592
Sunkavalli, R., Tamba, A., Baliga, B.J. The DI lateral insulated gate field controlled thyristor (LIGFT) 105933
Sunny, S. *see* Gupta, V.K. 80525
Sunren Huang *see* Huang Sunren
Sunseri, M. *see* Masnata, A. 72984
Sunshin An *see* Geonung Kim 98796
Sunta, C.M. *see* Srivastava, J.K. 95971
Suntao Wu *see* Qihua Shen 89188
Sunter, S., Clare, J.C. A true four quadrant matrix converter induction motor drive with servo performance 121578
Suntola, T. Surface chemistry of materials deposition at atomic layer level 104021
Suntzeff, N.B., Walker, A.R. The CTIO Prime-Focus charge-coupled device: system characteristics from 1982-1988 69319
Sunwan Choi, Kilnam Chon Partial ASN.1/BER decoding scheme in a multiprocessor environment 76774
Sunwan Choi, Myungki Shin, Kilnam Chon Partial ASN.1/BER decoding scheme for parallel protocol implementation 77759
Sunwoo, M.H. *see* Chang, H.M. 73420
Sunyoung Han *see* Soamyung Park 87880
Suo, Z. *see* Gong, X. 61438
Suochun Feng *see* Feng Suochun
Suodo, Y. *see* Adachi, T. 83123
Suofa Wang *see* Wang Suofa
Suomela, J. *see* Schonberg, T. 99686
Suomin Cui, Dagang Fang A hybrid method for scattering by large bodies with cracks and gaps 97046
Suontausta, J. *see* Nikander, A. 81030
Suotang Ja *see* Ja Suotang
Suozhu Yin *see* Yin Suozhu
Sup Cho Guang *see* Guang Sup Cho
Sup Cho Jong *see* Jong Sup Cho
Sup Kim Min *see* Min Sup Kim
Sup Kwak Kyung *see* Kyung Sup Kwak
Sup Shim Chang *see* Chang Sup Shim
Sup Shin Yun *see* Yun Sup Shin
Sup Yoon Choon *see* Choon Sup Yoon
Sup Yoon Yung *see* Yung Sup Yoon
Supadech, S. *see* Parnklang, J. 63736
Suping Liu *see* Liu Suping
Suponeva, E.P. *see* Byrd, H. 102971
Suppanitchakij, V. *see* Safaai-Jazi, A. 84992
Suprasad, A. *see* Hoang Pham 113045
Suprise, S.T., Mitchell, N.L. Effective use of video in interactive modules 119499
Supriyo *see* Widjajanto, B. 87610
Suprun-Belevich, Yu., Palmetshofer, L. Defect production in Si by ion bombardment under the influence of internal mechanical strain 114558
Suraj Rao, Lehoczky, J., Schervish, M., Strojwas, A. A Bayesian approach to monitoring multi-stage manufacturing processes 115316
Surakampontorn, W., Kumwachara, K. A class AB CMOS tunable voltage-to-current converter 62083
Sural, S., Shivaprasad, A.P. Implementation of an adaptive convolutional code for channels with memory 66557
Surampudi, S. *see* Huang, C.-K. 81691
Surampudi, S. *see* Nagasubramanian, G. 81696
Surampudi, S. *see* Ratnakumar, B.V. 71645
Surana, S.L. *see* Arora, C.M. 121023
Surandra, M. *see* Tiitinen, P. 111946
Surber, J. *see* Crook, D. 82983
Surdacki, P., Montusiewicz, J. Approach to multicriterion optimization of quench performance of superconducting winding 64572
Surdo, A. *see* Barbarino, G.C. 80097
Surdu, J.R. *see* DeCatrel, J.M. 98208
Surdu, M.N., Gnatenko, L.N., Kaminskii, V.Yu., Semenycheva, L.N. Variable quadrature AC bridges for comparing capacitance and resistance standards 100179
Sureau, A. *see* Benredjem, D. 107037
Sureau, J.C. *see* Rao, J.B.L. 111416
Suremann, M. *see* Fawer, W. 97180
Suresh, G., Naik, S., Umesh, G. Estimation of effectiveness of magnetic wedges in induction motors using finite element technique 81472
Suresh, K. *see* Taha, M.S. 112647
Suresh, M.D. EMI test facilities–sensors and instrumentation 76465
Suresh, M.S. Measurement of solar cell parameters using impedance spectroscopy 121880
Suresh, P.R., Venugopal, P., Selvam, S.T., Potla, S. Combined effect of grain boundary depletion and PolySi/Oxide interface depletion on drain characteristics of a p-MOSFET 95025
Suresh, S. *see* Shen, Y.-L. 94769
Suresh, S. *see* Sujana, H. 120322
Suresh Babu, S., Palanichamy, S. PC based controller for utility interconnected photovoltaic power conversion systems 111848
Suresh Babu, V., Pavlovic, A.S., Seehra, M.S. Rapid loss of magnetic order in Ni on alloying with Cr, Mo, Re, and Si 64291
Suresh Kumar, N.S. *see* Salivahanan, S. 81161
Surgeon, M. *see* Wevers, M. 113617
Surguy, I. *see* Brocklehurst, F.K. 102565
Surguy, P.W. *see* Ross, P.W. 89378
Suri, D.K. *see* Ojha, V.N. 105738
Suri, G. *see* Duesing, E. 108953
Suri, M., Curtis, R. High voltage DC system for supercomputers 91621
Suri, M. *see* Schwab, C. 61110
Suriani, A., Comparini, M.C., Feudale, M. Application of MMIC and ASIC technology to a new generation of satellite repeater equipment 119094
Suriano, J.R. *see* McCann, R.A. 103141
Surig, C., Hempel, K.A. Interaction effects in particulate recording media studied by ferromagnetic resonance 115585
Surin, M.I. *see* Keilin, V.E. 103042
Surina, I. *see* Kuzmina, M. 95654
Suriono, U., Chou, S.Y. Quantized writing processes in quantum magnetic disks 64439
Suris, R.A. *see* Bobyl', A.V. 115968
Suris, R.A. *see* Kochereshko, V.P. 105323
Suris, R.A. *see* Lavallard, P. 94316
Surkan, A.J. *see* Skurikhin, A.N. 98984
Surma, I.V. *see* Tiunov, A.V. 90026
Surma, M. *see* Godlewski, M. 74403
Surma, M. *see* Ivanov, V.Yu. 105170
Surma, M. *see* Wojtowicz, T. 72760
Surmann, H. Genetic optimization of a fuzzy system for charging batteries 112110
Surong Zhao, Zhaodi Tian, Zechang Zhang, Hongqi Xu, Shoulin Dong The research of machining technology in 8 mm travelling wave tube 62641
Surovic, C.W. *see* Deutsch, A. 62454
Surowiak, Z. *see* Czekaj, D. 119655
Surprenant, R. *see* Economikos, L. 62515
Surray, A.M. Professional writers have a classroom role 103323
Surridge, M. *see* Gill, A. 90597
Sursaeva, V.G., Tatzij, T.V., Shvindlerman, L.S., Faulkner, R.G. Stability of grain structure and grain boundary distribution in 1-D and 2-D metallic systems 113530
Suruceanu, G. *see* Sarbu, A. 68360
Suruceanu, G. *see* Syrbu, A. 65207
Suruceanu, G.I. *see* Botez, D. 116491
Suruceanu, G.I. *see* Smeu, E. 79747
Suruceanu, G.I. *see* Syrbu, A.V. 76041
Survaiya, S.P., Shevgaonkar, R.K. Design of subpicosecond dispersion-flattened fibers 68487
Surya, C. G-R noise in $GaAs/Al_{0.4}Ga_{0.6}As$ resonant tunneling diodes 105855
Surya Prasad, G. *see* Krishnaswamy, M.C. 70606
Suryanarayana, K., Rajeshwar Rao, K. Typical EMI problems in a surface to air missile–a case study 76472
Suryanarayana, T., Bhattacharya, J.L., Raju, K.S.N., Prasad, K.A.D., Pal, H.K. Development of 200 kVA, 3000 RPM superconducting generator–the salient features and technological issues 121430
Suryanarayana, T. *see* Choudhury, U.K. 81408
Suryanarayana Rao, K.N. *see* Sreekantaswamy, M.S. 114160
Suryaprasad, A.G. *see* Herr, C.J. 70177
Suryawanshi, H.M., Tarnekar, S.G. Modified LCLC-type series resonant converter with improved performance 121557
Surzhenko, A.B., Polyakov, A.N. Digital synthesizer of sine-wave oscillations and reference signals of multiple frequencies 113799
Susa, K. *see* Kurashige, K. 100900
Susa Dias, M.De *see* De Susa Dias, M.
Susaki, Y., Nakamura, O., Kawachi, F., Yamaoka, M., Nishimura, T., Kuriyama, T. Medium-size distribution transformer diagnostics by gas analysis 71379
Susaki, Y., Nakamura, O., Kawachi, F., Yamaoka, M., Nishimura, T., Kuriyama, T. Medium-size distribution transformer diagnostics 121548
Susanto, A., Wang, Y., Wong, E.K. Layered coding of check images using foreground and background segmentation 86520
Sushchik, M.M. *see* Lam, B.C. 75987
Sushchik, M.M. *see* Rulkov, N.F. 73145
Sushko, M.S.K. Reverse channel performance for CDPD packet data traffic 109526
Sushkov, A.D., Tupitsyn, A.D. A coaxial probe for a comprehensive analysis of electron-optical devices 73961
Sushkov, O.P. *see* Dotsenko, A.V. 106652
Sushkova, L.T. *see* Davidov, N.N. 106748
Susi, E. *see* Adegboyega, G.A. 105127
Susi, M. DVB: system theory and measurements 88842
Susilowati, E. *see* Widjajanto, B. 87610
Susini, C. *see* Aiazzi, B. 111090
Suski, T., Wisniewski, P., Litwin-Staszewska, E., Wasik, D., Przybytek, J., Baj, M., Karczewski, G., Wojtowicz, T., Zakrzewski, A., Kossut, J. Spatial correlations of In-donor charges in CdTe layers 74227
Suski, T. *see* Brunthaler, G. 62966
Suski, T. *see* Gassmann, A. 103838
Suski, T. *see* Ostermayer, G. 64897
Suski, T. *see* Ruvimov, S. 94338
Suski, T. *see* Wisniewski, P. 105290
Suslakova, S.I., Mitin, B.S., Sein, V.A. Effect of thermocyclic treatment on the structure and properties of permanent powder magnets of Sm-Co alloy 64477
Suslick, K.S. *see* Eckburg, J.J. 80411
Suslov, L.A. *see* Shur, V.Ya. 95265
Suslov, S.K. *see* Askey, R.A. 72417
Suslov, S.K. *see* Rahman, M. 92378
Suslov, V.M. *see* Sobolev, V.A. 102598
Suslyakov, A.O. *see* Ovsyuk, V.N. 64931
Susnik, D., Holc, J., Hrovat, M., Kosmac, T., Zupancic, S. Some characteristics of alumina modified cubic zirconia for a SOFC solid electrolyte 81737
Suson, D.J., Kieda, D.B. Optimization of angular resolution for air Cherenkov detector arrays for observations of EeV/ZeV cosmic rays 90173
Suss, W., Lindemann, K., Eggert, H., Gorges-Schleuter, M., Jakob, W., Hoffmann, W., Rapp, R. Step by step from specification to realization of an electrochemical microsystem 79326
Sussan, A.P., Jong-Geun Oh Transnational strategic alliances in the telecommunications industry 108898
Susse, H. *see* Rothe, I. 66933
Susser, M. *see* Darweschsad, M. 95517
Sussiau, M., Nguyen-Van-Dau, A.F., Galtier, P., Schuhl, A. In-plane periodic bicrystallinity in magnetic thin films 95345
Sussiau, M. *see* Nguyen Van Dan, F. 88987
Sussman, A. *see* Shock, C.T. 66864
Sussman, J.B., Marzullo, K. Comparing primary-backup and state machines for crash failures 98478
Sussman, R.J. *see* Ziegler, J.F. 72394
Sussman, S.S. Research on electric and magnetic fields (EMF): an update on the state of the science 80502
Sussman-Fort, S.E., Billonnet, L. An NIC-based negative capacitance circuit for microwave active filters 62302
Sussman-Fort, S.E. *see* Billonnet, L. 62306
Sussman-Fort, S.E. *see* Brucher, A. 104882
Sussmann, R.S. *see* Massart, M. 106750
Suster, D. *see* Rosales, O.S. 97281
Suster, D. *see* Sucre R., O. 62143
Susuki, T., Suzuki, H. Recent topics and future trends in power systems 101827
Susukita, H. *see* Fan Zong-Huai 64151
Sutai Chunyu *see* Chunyu Sutai
Sutanto, A. *see* Widjajanto, B. 87610
Sutanto, D. *see* Isworo, L. 101725
Sutanto, D. *see* Lachs, W.R. 80754
Sutanto, D. *see* Lachs, W.R. 80819
Sutanto, D. *see* Parker, C.J. 102004
Sutanto, D. *see* Parker, C.J. 102031
Sutanto, H. *see* Sharma, R. 86782
Sutcliffe, J.L. *see* Badawi, R.D. 110686
Sutcliffe, K. *see* Lukas, R. 102475
Suter, B.W. Wavelets: What kind of signal processing is that? 117444
Suter, B.W. *see* McCandless, D.A. 90458
Suter, B.W. *see* O'Hair, J.R. 66810
Suter, B.W. *see* Xia, X.-G. 117388
Suter, D. *see* Bab-Hadiashar, A. 87091
Suter, D. *see* Yi Wu 67140
Suter, D. *see* Yi Wu 86988
Suter, M. *see* Ames, F. 100795
Suter, M. *see* Parrat, Y. 100793
Suter, U.W. *see* Weder, Ch. 85650
Sutharshana, S. *see* Kolawa, E. 114488
Sutherland, A.J. Academic audit, accreditation and quality 82125
Sutherland, C.J., Gayou, D.E. Artifacts and thresholding in X-ray CT of a cortical bone and titanium composite 90294
Sutherland, D.G.J., Akatsu, H., Copel, M., Himpsel, F.J., Callcott, T., Carlisle, J.A., Ederer, D., Jia, J.J., Jimenez, I., Perera, R., Shuh, D.K., Terminello, L.J., Tong, W.M. Stoichiometry reversal and depth-profiling in the growth of thin oxynitride films with N_2O on Si(100) surfaces 84146
Sutherland, D.H. *see* Irby, S.E. 70245
Sutherland, G.R. *see* Fleming, A.D. 90470
Sutherland, J., George, G., van der Green, S., Krusius, J.P. Alignment tolerance measurements and optical coupling modeling for optoelectronic array interface assemblies 116289

Sutherland, J.M., French, P.M.W., Taylor, J.R., Chai, B.H.T. Visible continuous-wave laser transitions in Pr^{3+}:YLF and femtosecond pulse generation 75895
Sutherland, K.T. Ordering landmarks in a view 77325
Sutherland, R.J. The economics of energy conservation policy 70678
Sutherland, R.L., Natarajan, L.V., Tondiglia, V.P., Bunning, T.J., Adams, W.W. The physics of photopolymer-liquid crystal composite holographic gratings 96834
Sutherland, R.L. *see* Brant, M.C. 107449
Sutherland, R.L. *see* Bunning, T.J. 96802
Sutherland, R.L. *see* Bunning, T.J. 96808
Sutherland, R.L. *see* Domash, L.H. 96837
Sutherland, S., Woodruff, C. Electro-optic tracking R&D for defence surveillance 70576
Sutherland, T.M. *see* Tong, Y.P. 65132
Suthers, M. *see* Saw, J. 109383
Sutija, D.P. *see* Kononchuk, O.F. 81789
Sutisna, S. *see* Widjajanto, B. 87610
Suto, A.J. Diagnosis for open circuit defects on printed circuits using capacitive methods such as 'Opens Xpress' 73887
Suto, H. *see* Ino, M. 73249
Suto, K., Adachi, S., Yoneyama, T., Nishizawa, J. Free exciton recombination in GaP and GaP/Al$_x$Ga$_{1-x}$P layers grown by temperature difference method under controlled vapor pressure 61179
Suto, K., Kimura, T., Nishizawa, J. Fabrication and characteristics of tapered waveguide semiconductor Raman lasers 65180
Suto, K. *see* Kikushima, K. 68489
Suto, K. *see* Kikushima, K. 98909
Suto, K. *see* Murai, A. 62722
Suto, K. *see* Nishizawa, J. 94331
Suto, K. *see* Nugraha 82655
Suto, K. *see* Nugraha 113278
Suto, K. *see* Tsuji, H. 118670
Suto, S. *see* Ando, M. 79598
Suto, Y., Suzuki, M. Effectiveness of filtering procedure for volume rendering of X-ray CT data 90476
Sutoh, A. *see* Okada, Y. 113350
Sutoh, M. *see* Kawahito, S. 110119
Sutrave, D.S., Shahane, G.S., Dargad, J.S., Deshmukh, L.P. Electrical transport properties of chemically prepared CuBiS$_2$ thin films 83887
Sutrave, D.S. *see* Deshmukh, L.P. 104082
Sutrave, D.S. *see* Deshmukh, L.P. 112177
Sutryn, D.C. *see* Ketelsen, L.J.P. 109608
Sutter, A. *see* Chardaire, P. 108874
Sutter, B.De *see* De Sutter, B.
Sutter, P., Mueller, E., Groten, D., Zelezny, V., Von Kaenel, H. Structural and transport properties of Si/Ge heterostructures grown by magnetron sputter epitaxy 61215
Sutter, P., Vogeli, B., Muller, E., von Kanel, H., Dommann, A. Sputter epitaxy of step-graded Si$_{1-x}$Ge$_x$/Si(001): evolution of defects and surface morphology 113320
Sutter, S. *see* Whitham, K. 89719
Sutti, C. *see* Peretti, A. 72534
Suttie, M.R. *see* Lahoz, W.A. 120782
Suttie, R.A. *see* Lahoz, W.A. 120782
Sutton, D.C. Description of a strategic partnering engagement 60520
Sutton, E., Na, H. Ionospheric tomography using the residual correction method 80618
Sutton, J.C. *see* Janet, J.A. 86783
Sutton, M.A. *see* Helm, J.D. 117577
Sutton, P. *see* Hough, S. 67942
Sutton, S.A. Planning for the twenty-first century: the California State University 118475
Sutton, S.B., Albrecht, G.F. Thermal management in inertial fusion energy slab amplifiers 85566
Sutton, S.B. *see* Beach, R.J. 96214
Suttorp, O. *see* Eversheim, P.D. 120080
Sutyagin, A.N. *see* Andreev, A.A. 107496
Suvaiala, A. *see* Jagannathan, V. 118501
Suvorov, A. *see* Chubun, N. 74051
Suvorov, A. *see* Naumenko, V. 74069
Suvorov, A.L., Sheshin, E.P., Lazarev, N.E., Chubun, N.N. Vacuum luminescent light source with carbon fibre field emission cathode 74039
Suvorov, A.L., Sheshin, E.P., Protasenko, V.V., Lazarev, N.E., Bobkov, A.F., Babeev, V.P. Plane microrough graphite field-emission cathodes produced by ion bombardment 104996
Suvorov, A.V. *see* Slater, D.B., Jr. 63703
Suvorov, A.V. *see* Slater, D.B., Jr. 106240
Suvorov, D. *see* Valant, M. 83346
Suvorov, I.M., Posokhin, V.V., Guchev, I.A. A disease associated with exposure to electromagnetic UHF radiation 101446
Suwa, K. *see* Yamaguchi, A. 99213
Suwa, T. *see* Shinozaki, T. 68925
Suwalski, I. *see* Adam, W. 79249
Suwarno, Suzuoki, Y., Mizutani, T., Uchida, K. A model for electrical treeing discharges in polyethylene 64153
Suwarno, Suzuoki, Y., Mizutani, T., Uchida, K. Effects of frequency and applied voltage on electrical treeing discharges 75002
Suwarno, Suzuoki, Y., Mizutani, T., Uchida, K. A model of electrical treeing discharge and Monte Carlo simulation 106306
Suxing Hu *see* Hu Suxing
Suyama, K., Takahashi, K., Iwakura, H. Multiple sound source location using two-stage data selection 90860
Suyama, K. *see* Bouras, S. 114145
Suyama, K. *see* Varma, S. 114019
Suyama, M., Iwata, H., Harasawa, S., Naito, T. Improvement of WDM transmission performance by non-soliton RZ coding–a demonstration using 5 Gb/s 8-channel 4500 km straight line test bed 88649
Suyama, M. *see* Naito, T. 78810
Suyama, T., Miyoshi, T. Hole grid array (HGA), the new tape carrier package with high count I/O 82197
Suyama, T., Sawada, H., Nagoya, A. LUT-based FPGA technology mapping using permissible functions 93329
Suyama, Y. *see* Sakurai, H. 110425
Suyazov, N.V., Lyakhov, G.A., Shipilav, K.F., Vinogradov, E.A. Remote sensing of acoustic signals and perturbations generated in a dense medium 80662
Suyazov, N.V. *see* Boyarchuk, K.A. 101578
Suyeong Kim *see* Sheridan, T.B. 80423
Suyou He *see* He Suyou
Suzaki, S., Aizawa, T., Akiyama, M., Sekiguchi, T., Ide, M., Nagasawa, Y., Yamauchi, R. Design and fabrication of light angular deflector for optical interconnection 85098
Suzaki, T. *see* Ishikawa, H. 88571
Suzaki, T. *see* Kurisu, M. 78297
Suzaki, T. *see* Sato, F. 63906
Suzaki, T. *see* Sato, F. 68437
Suzaki, T. *see* Sato, F. 119167
Suzaki, T. *see* Vodhanel, R.S. 88651
Suzaki, Y., Matsumoto, S., Tohmori, Y., Kishi, K., Okamoto, M., Yamamoto, M. High coupling efficiency and high responsivity 1.3 μm light emission and detection diodes with a butt-jointed spot-size converter 88593
Suzaki, Y. *see* Kunimori, H. 99670
Suzaki, Y. *see* Mitomi, O. 85053
Suzaki, Y. *see* Okamoto, H. 75919
Suzaki, Y. *see* Okamoto, H. 96432
Suzaki, Y. *see* Sakai, Y. 75976
Suzaki, Y. *see* Sakai, Y. 96265
Suzawa, C. *see* Masuda, T. 89630
Suzdal'tsev, A.G. *see* Apollonov, V.V. 85576
Suziedelis, A. *see* Asmontas, S. 94582
Suzim, A.A. *see* Negreiros, M. 97597
Suzudo, T. *see* Taira, T. 96200
Suzue, K., Mohammad, S.N., Fan, Z.F., Kim, W., Aktas, O., Botchkarev, A.E., Morkoc, H. Electrical conduction in platinum-gallium nitride Schottky diodes 115141
Suzue, K. *see* Matsuura, T. 63351
Suzukawa, H.H. *see* Dugan, J.P. 111284
Suzuki, A., Ishii, T., Maruyama, Y. Optical switching in polymer gels 84939
Suzuki, A., Ishii, T., Maruyama, Y. Design for optical switch of polymer gels 113554
Suzuki, A., Kobayashi, S. Exergy analyses on thermoelectric generators 71726
Suzuki, A., Kobayashi, T., Hamano, T., Hatada, H., Kawasumi, A., Matsuoka, F., Ishimaru, K., Takahashi, M., Nishigohri, M., Okayama, Y., Unno, Y., Kakumu, M., Tsujimoto, J. A 400 MHz 4.5 Mb synchronous BiCMOS SRAM with alternating bit-line loads 73352
Suzuki, A. *see* Du, B. 106372
Suzuki, A. *see* Ishikawa, H. 83982
Suzuki, A. *see* Kasai, Y. 82598
Suzuki, A. *see* Kasuga, S. 80014
Suzuki, A. *see* Kawanishi, H. 94740
Suzuki, A. *see* Koide, Y. 74461
Suzuki, A. *see* Lundgren, M. 69253
Suzuki, A. *see* Negoro, Y. 106637
Suzuki, A. *see* Nyu, T. 78857
Suzuki, A. *see* Okumura, H. 119819
Suzuki, A. *see* Saito, H. 70502
Suzuki, A. *see* Shimada, T. 61161
Suzuki, A. *see* Sumi, C. 88887
Suzuki, A. *see* Takahashi, T. 101076
Suzuki, A. *see* Taki, A. 100242
Suzuki, A. *see* Teraguchi, N. 74374
Suzuki, A. *see* Todoriki, M. 89554
Suzuki, A.T. *see* Kasuga, S. 80014
Suzuki, C. *see* Nakanishi, T. 114507
Suzuki, D. *see* Takemi, M. 103842
Suzuki, E., Ono, K., Shinozaki, Y. 11 GHz-band digital radio equipment for mobile base-station links 109403
Suzuki, E. *see* Hane, E. 119598
Suzuki, E. *see* Hoshi, Y. 64229
Suzuki, F., van Dover, R.B., Gyorgy, E.M., Phillips, J.M., Korenivski, V., Werder, D.J., Chen, C.H., Felder, R.J., Cava, R.J., Krajewski, J.J., Peck, W.F., Jr. Magnetic properties of epitaxial ferrite multilayer films 75184
Suzuki, F. *see* Miyamoto, T. 89234
Suzuki, H. Fabrication of electron injecting Mg:Ag alloy electrodes for organic light-emitting diodes with radio frequency magnetron sputter deposition 107000
Suzuki, H. Temperature dependence of the electroluminescent characteristics of light-emitting diodes made from poly(methylphenylsilane) 116275
Suzuki, H., Araki, H., Noda, T. Si isotope enrichment by infrared laser 114579
Suzuki, H., Bissell, P.R., Chantrell, R.W., Kodama, N. In-plane time-dependent magnetisation and magnetic interactions of Co-Cr-Ta thin films 106585
Suzuki, H., Bykow, A.W., Cho, K.B., Eremia, M., Fernandes, M.F., Groza, L., Holen, A.T., Ingvarsson, T., Levy, W., Liu, C.C., Los Arcos, J.L., Macqueen, J.F., Moustafiades, J., Sleator, A., Tanaka, H., Walve, K., Kono, Y. Application of expert systems to education and training of power system engineers 90942
Suzuki, H., Hoshino, S. Effects of doping dyes on the electroluminescent characteristics of multilayer organic light-emitting diodes 75761
Suzuki, H., Kamiyama, S., Sakao, M., Takaishi, Y., Yamamoto, I., Ono, H. Practical technology of Ta$_2$O$_5$ stacked capacitor for ULSI DRAMs 61888
Suzuki, H., Katoh, K., Hikida, Y., Onoda, A. Subnanoseconds gating image intensifiers 100108
Suzuki, H., Meyer, H., Hoshino, S., Haarer, D. Charge carrier and exciton dynamics in polysilane-based multilayer light-emitting diodes as monitored with electroluminescence 75763
Suzuki, H., Mohan, A.S., Wang, J.-G., Yabe, H. Measurement and prediction of two-dimensional fading map in a hallway 116895
Suzuki, H., Morinaka, H., Makino, H., Nakase, Y., Mashiko, K., Sumi, T. Leading-zero anticipatory logic for high-speed floating point addition 93258
Suzuki, H., Suzuki, M., Ogawa, H. Strato-mesospheric ozone monitoring system using an SIS mixer 120743
Suzuki, H., Suzuki, S., Yamamoto, T., Takahashi, K., Yoshisato, Y. Superconducting-base three-terminal devices 84914
Suzuki, H., Yogiashi, K., Kusano, K., Takashige, M. Magnetic characteristics of oxide superconductors for the application of running systems with magnetic levitation 103121
Suzuki, H. *see* Dean, C. 84776
Suzuki, H. *see* Fujimori, A. 121098
Suzuki, H. *see* Fukawa, K. 68184
Suzuki, H. *see* Fukawa, K. 118825
Suzuki, H. *see* Hayashi, K. 82793
Suzuki, H. *see* Hohkawa, K. 84738
Suzuki, H. *see* Hohkawa, K. 106455
Suzuki, H. *see* Hohkawa, K. 109330
Suzuki, H. *see* Hongqing Li 87805
Suzuki, H. *see* Hongqing Li 108842
Suzuki, H. *see* Hoshino, S. 85305
Suzuki, H. *see* Hozumi, N. 70917
Suzuki, H. *see* Idogaki, T. 71374
Suzuki, H. *see* Idogaki, T. 74970
Suzuki, H. *see* Ishikawa, T. 67989
Suzuki, H. *see* Iwata, A. 109229
Suzuki, H. *see* Iwata, A. 118064
Suzuki, H. *see* Kabuo, H. 61946
Suzuki, H. *see* Kabuo, H. 93477
Suzuki, H. *see* Kawashima, K. 118240
Suzuki, H. *see* Kondoh, J. 88969
Suzuki, H. *see* Kondoh, J. 106459
Suzuki, H. *see* Kozu, S. 73423
Suzuki, H. *see* Kuhara, S. 73351
Suzuki, H. *see* Li, H. 77986
Suzuki, H. *see* Makinae, N. 87591
Suzuki, H. *see* Makino, H. 61811
Suzuki, H. *see* Makino, H. 61826
Suzuki, H. *see* Makino, H. 61852
Suzuki, H. *see* Makino, H. 93279
Suzuki, H. *see* Morinaka, H. 61825
Suzuki, H. *see* Murakawa, I. 67718
Suzuki, H. *see* Nagai, N. 80891
Suzuki, H. *see* Ochiai, K. 111223
Suzuki, H. *see* Ohsaki, H. 77606
Suzuki, H. *see* Ohsaki, H. 77662
Suzuki, H. *see* Ohsaki, H. 77668
Suzuki, H. *see* Qingshan Jiang 113142
Suzuki, H. *see* Satoh, S. 106949
Suzuki, H. *see* Satow, T. 95514
Suzuki, H. *see* Sugiyama, Y. 90500
Suzuki, H. *see* Susuki, T. 101827
Suzuki, H. *see* Takeda, T. 64148
Suzuki, H. *see* Ueda, K. 73203
Suzuki, H. *see* Uesugi, K. 103833
Suzuki, H. *see* Watabe, N. 92135
Suzuki, H. *see* Watanabe, M. 81827
Suzuki, H. *see* Yamazaki, T. 63961
Suzuki, H. *see* Yokota, J. 88365
Suzuki, H. *see* Yonehara, H. 89802
Suzuki, H. *see* Yoshida, H. 84230
Suzuki, H. *see* Yoshizawa, Y. 83268
Suzuki, H. *see* Yoshizawa, Y. 100950
Suzuki, I. *see* Soe, K.K.K. 95280
Suzuki, J. An extension on learning Bayesian belief networks based on MDL principle 66196
Suzuki, J. A CTW scheme for some FSM models 66439
Suzuki, J. A CTW scheme for non-tree sources 86095
Suzuki, J., Hara, Y., Shimamura, T. Improvement in the quality of speech received at suppressed carrier SSB 76888
Suzuki, J., Ono, S. Entropy CODEC from behavioral description based LSI-CAD for fully programmable image coding system 97876
Suzuki, J. *see* Bessho, Y. 65252
Suzuki, J. *see* Hattori, T. 110288
Suzuki, J. *see* Okumura, A. 86333
Suzuki, J. *see* Ono, S. 77222
Suzuki, J. *see* Sawabe, T. 67121

Suzuki, J. *see* Shimamura, T. 97771
Suzuki, K. High-aperture TFT array structures 100190
Suzuki, K., Akita, N., Dairaku, S., Seto, S., Sawada, T., Imai, K. Drift mobilities in chlorine doped $Cd_{0.8}Zn_{0.2}Te$ 74141
Suzuki, K., Ban, M., Tokunaga, S., Ohtsuka, M., Hayashi, K., Enomoto, Y. 100 GHz wide-band HTS mixer antenna with phase control 93811
Suzuki, K., Fujimoto, M., Yamaguchi, K., Hayashi, K., Ban, M., Tokunaga, S., Enomoto, Y. Y-Ba-Cu-O mixer antenna for millimeter wave applications 83399
Suzuki, K., Inagaki, K., Seto, S., Tsubono, I., Kimura, N., Sawada, T., Imai, K. Acceptor defects and annealing behavior in indium doped $Cd_{1-x}Zn_xTe$ ($x>0.7$) 74140
Suzuki, K., Komagata, M., Kurokawa, H., Ishiyama, I., Nagare, I., Higashi, K. Printable capacitor material systems 104897
Suzuki, K., Nakazawa, M. 80-160 Gbit/s ultrahigh speed soliton transmission and related soliton technology 78843
Suzuki, K., Nishida, K., Tsubota, M. Valve-regulated lead/acid batteries for electric vehicles: present and future 112271
Suzuki, K., Satoh, A., Sugii, T. Sub 0.1 μm SOI MOSFETs with counter doping into uniformly and heavily doped channel region 63725
Suzuki, K., Tokunagat, S., Ban, M., Ohtsuka, M., Enomoto, Y. Flat and lateral high-T_c superconducting junctions applied to millimeter-wave mixer 115918
Suzuki, K., Tosaka, Y., Sugii, T. Analytical threshold voltage model for short channel n^+-p^+ double-gate SOI MOSFETs 63656
Suzuki, K., Tosaka, Y., Sugii, T. Analytical threshold voltage model for short channel double-gate SOI MOSFETs 74727
Suzuki, K. *see* Ban, M. 104790
Suzuki, K. *see* Fujimaki, H. 63911
Suzuki, K. *see* Fujiwara, Y. 75197
Suzuki, K. *see* Hane, K. 79318
Suzuki, K. *see* Hasegawa, T. 77976
Suzuki, K. *see* Imaizumi, Y. 69448
Suzuki, K. *see* Imaizumi, Y. 110353
Suzuki, K. *see* Ishikawa, Y. 73458
Suzuki, K. *see* Itoh, G. 89251
Suzuki, K. *see* Itoh, G. 89251
Suzuki, K. *see* Katagiri, A. 102603
Suzuki, K. *see* Kitazawa, T. 89256
Suzuki, K. *see* Mori, T. 95389
Suzuki, K. *see* Mori, T. 121798
Suzuki, K. *see* Morimoto, Y. 79155
Suzuki, K. *see* Motai, T. 84386
Suzuki, K. *see* Naitoh, H. 122098
Suzuki, K. *see* Nakai, Y. 69421
Suzuki, K. *see* Nakai, Y. 89269
Suzuki, K. *see* Nakamura, M. 102349
Suzuki, K. *see* Nakazawa, M. 78652
Suzuki, K. *see* Nakazawa, M. 99558
Suzuki, K. *see* Nishiyama, S. 87593
Suzuki, K. *see* Ohtsuka, K. 103918
Suzuki, K. *see* Okumura, H. 119819
Suzuki, K. *see* Takagi, Y. 92713
Suzuki, K. *see* Tanaka, M. 97363
Suzuki, K. *see* Tanaka, T. 91175
Suzuki, K. *see* Tosaka, Y. 93357
Suzuki, K. *see* Tsuboi, S. 74657
Suzuki, K. *see* Tsuboi, S. 74657
Suzuki, K. *see* Uchida, T. 121845
Suzuki, K. *see* Yamagata, Y. 81594
Suzuki, K. *see* Yamaguchi, K. 115948
Suzuki, K. *see* Yasuda, H. 87760
Suzuki, K. *see* Yoshikawa, S. 104828
Suzuki, K.-I. *see* Nakajima, T. 91661
Suzuki, M., Kubota, S. A voice transmission quality improvement scheme for personal communication systems–super mute scheme 68282
Suzuki, M., Kubota, S. A voice transmission quality improvement scheme for personal communication systems 109388
Suzuki, M., Nagasawa, N., Machida, A., Ami, T. Preparation of layered ferroelectric $Bi_2SrTa_2O_9$ single-crystal platelets 61157
Suzuki, M., Seki, T. Impurity doping during $Pb_{1-x}Sn_xSe/CaF_2$ epitaxial growth 113396
Suzuki, M., Uenoyama, T. Reduction of threshold current density of wurtzite GaN/AlGaN quantum well lasers by uniaxial strain in (0001) plane 107240
Suzuki, M., Uenoyama, T., Kamiyama, S. Optical properties of wurtzite GaN/AlGaN quantum wells [lasers] 107338
Suzuki, M. *see* Ashizawa, K. 98694
Suzuki, M. *see* Ido, T. 64810
Suzuki, M. *see* Ido, T. 106862
Suzuki, M. *see* Iida, T. 74337
Suzuki, M. *see* Ikebukuro, K. 110236
Suzuki, M. *see* Jayatissa, A.H. 63212
Suzuki, M. *see* Kaibazawa, H. 98931
Suzuki, M. *see* Kuo, C.-L. 89455
Suzuki, M. *see* Kusunoki, T. 105520
Suzuki, M. *see* Miyahara, K. 84916
Suzuki, M. *see* Murakawa, I. 67718
Suzuki, M. *see* Nakamura, T. 72269
Suzuki, M. *see* Ohara, H. 98190
Suzuki, M. *see* Qu, W.F. 74513
Suzuki, M. *see* Sasaki, H. 81767
Suzuki, M. *see* Sasaki, M. 101504
Suzuki, M. *see* Suto, Y. 90476
Suzuki, M. *see* Suzuki, H. 120743
Suzuki, M. *see* Suzuki, T. 89293
Suzuki, M. *see* Tomiyama, F. 75221
Suzuki, M.T. *see* Hayami, Y. 105624
Suzuki, N., Itoh, K., Nagai, Y., Michikami, O. Properties of an electromagnetically coupled small antenna with a superconducting thin-film radiator 66045
Suzuki, N., Ohashi, M., Nunoue, S., Nakamura, M. Prospective performance of optical bus utilizing vertical transmission optical amplifiers 85189
Suzuki, N., Ohashi, M., Nunoue, S., Nakamura, M. Feasibility study of an optical bus utilizing InGaAsP vertical transmission optical amplifiers 85217
Suzuki, N. *see* Nagai, Y. 98963
Suzuki, N. *see* Yasui, T. 96107
Suzuki, O., Yasuda, A. Transmission of navigational aids information to vessels by teletext 87652
Suzuki, O. *see* Yasuda, A. 88781
Suzuki, R. *see* Genno, H. 66947
Suzuki, R. *see* Hiroyama, Y. 74101
Suzuki, R. *see* Kaseya, H. 65156
Suzuki, R. *see* Kimura, N. 68030
Suzuki, R. *see* Ohgaki, H. 107392
Suzuki, R. *see* Tsujino, J. 95326
Suzuki, R. *see* Uedono, A. 63243
Suzuki, R. *see* Yokoyama, M. 96469
Suzuki, S. NS8000 Series: The next-generation switching systems 78302
Suzuki, S. NS8000 series: The next-generation communications switching systems 98989
Suzuki, S., Ando, H. 3D object recognition from 2D views–an unsupervised learning model using modular structure 97895
Suzuki, S., Funakawa, K., Ohta, N., Nohara, T. Personal Handy-phone System signalling protocol architecture — cell station-digital network interface 68255
Suzuki, S., Kodama, S., Tomozawa, H., Hasegawa, H. A novel insulated gate technology for InGaAs high electron mobility transistors using silicon interlayer based passivation technique 63694
Suzuki, S., Matsuda, A., Tanimoto, M., Kawada, T., Suzuki, Y. Solder reflowed square wire 112875
Suzuki, S., Nakanishi, T. Call routing and data model for inter-network roaming in PCS 118944
Suzuki, S., Nakanish, T., Takahashi, T. Personal Handy-phone System signalling protocol architecture: study on internetwork interface for PHS roaming 68256
Suzuki, S., Nishihira, H. Study of slider dynamics over very smooth magnetic disks 75215
Suzuki, S., Noda, E. Multiple hollow-cathode vacuum-ultraviolet plasma source excited by pulsed glow discharge 62543
Suzuki, S., Nohara, T. Advanced authentication procedure towards UPT roaming environment 68176
Suzuki, S., Otsuka, Y., Maki, T., Kobayashi, T. Observation of capacitance hunching at the flat-band-voltage in boron-doped diamond metal/insulator/semiconductor structure 105489
Suzuki, S., Shikata, Y., Ihara, T., Yoshida, H. Performance evaluation of terminating-call reforwarding schemes for PCS 119035
Suzuki, S., Tatsuno, Y., Yokoya, N., Iwasa, H., Takemura, H. Analysis and synthesis of human facial expression using range images 87018
Suzuki, S. *see* Akizuki, O. 99300
Suzuki, S. *see* Arai, Y. 88529
Suzuki, S. *see* Imagawa, S. 95515
Suzuki, S. *see* Kiyota, Y. 63263
Suzuki, S. *see* Koga, M. 78895
Suzuki, S. *see* Koizumi, N. 95512
Suzuki, S. *see* Koizumi, T. 65901
Suzuki, S. *see* Kubota, M. 99753
Suzuki, S. *see* Kubota, M. 109902
Suzuki, S. *see* Mizuno, A. 89757
Suzuki, S. *see* Mori, T.Y. 86828
Suzuki, S. *see* Nishimura, A. 92982
Suzuki, S. *see* Ochiai, K. 111223
Suzuki, S. *see* Ozawa, M. 73002
Suzuki, S. *see* Sanada, M. 105727
Suzuki, S. *see* Shikida, M. 76355
Suzuki, S. *see* Someya, M. 69281
Suzuki, S. *see* Sumiyoshi, H. 109881
Suzuki, S. *see* Suzuki, H. 84914
Suzuki, S. *see* Terakado, S. 114977
Suzuki, S. *see* Tsuchitani, S. 84638
Suzuki, S. *see* Yamada, H. 68421
Suzuki, S. *see* Yasuno, T. 77513
Suzuki, S. *see* Yoshizawa, Y. 83268
Suzuki, S. *see* Yoshizawa, Y. 100950
Suzuki, S.-I. *see* Hamazumi, Y. 88053
Suzuki, T. Characterization of FeZrN films and their application to single-pole head for perpendicular magnetic recording 95373
Suzuki, T., Aoki, T. Rotational characteristics of an ultrasonic quartz motor with a lattice electrode 71365
Suzuki, T., Ezawa, Y., Utsumi, Y., Kobayashi, H., Mine, T., Itoh, K. Built-in CD-ROM changer PC-CD400D/4 64621
Suzuki, T., Fujita, S., Yuzawa, K., Yamamoto, H., Moto, Y., Iwase, T. Development of HH decoder LSI 79156
Suzuki, T., Higashi, K. Effect of rotating vector head field on modified anhysteretic remanence 115783
Suzuki, T., Ikeda, H., Mizutani, Y., Nakabori, T., Ichioka, Y., Yoshida, H., Honda, K., Miyamoto, T., Sano, S. Full-bridged MOSFET DC-to-RF inverter for high frequency ultrasonic transducer at 3 MHz 71502
Suzuki, T., Ishihara, K., Matsutera, H. Instability evaluation for permanent magnet biased magnetoresistive heads 115707
Suzuki, T., Katsuno, N., Goto, H., Sawaki, N., Ito, H., Hara, K. Comparative study of C-V and transconductance of a Si δ-doped GaAs FET structure 63709
Suzuki, T., Saito, K., Yashiro, S., Muramoto, T. Multimedia HTML layout method 109236
Suzuki, T., Sampei, S., Morinaga, N. Directive antennas diversity reception for an adaptive modulation system in land mobile communications 68264
Suzuki, T., Sampei, S., Morinaga, N. Space and path diversity combining technique for 10 Mbit/s adaptive modulation/TDMA in wireless communication systems 118874
Suzuki, T., Satoh, M. In-pipe miniature mobile robot with flexible worm wheel mechanism (FW^{2}M) 121513
Suzuki, T., Shiraishi, A., Kobaru, T. Progress of geothermal turbine-generator technology 102499
Suzuki, T., Takatori, K., Sumiyoshi, K., Suzuki, M., Hirai, Y., Kaneko, S., Shibahara, H., Ohi, S. 33-cm-diagonal full-color wide-viewing-angle C-TN LCDs for use in a workstation 89293
Suzuki, T., Yu, P.K.L., Smith, D.R., Schultz, S. A new type of waveguide structures with photonic band structures 83299
Suzuki, T. *see* Ando, M. 79598
Suzuki, T. *see* Aoyagi, M. 101602
Suzuki, T. *see* Dai, X. 119914
Suzuki, T. *see* Gadetsky, S. 75232
Suzuki, T. *see* Giljer, P. 64448
Suzuki, T. *see* Glijer, P. 115669
Suzuki, T. *see* Hirano, M. 78144
Suzuki, T. *see* Hirano, M. 98837
Suzuki, T. *see* Irvin, M. 113981
Suzuki, T. *see* Ishi, T. 115862
Suzuki, T. *see* Kikuchi, M. 106704
Suzuki, T. *see* Kisker, H. 64290
Suzuki, T. *see* Koide, T. 61549
Suzuki, T. *see* Li Jianping 120192
Suzuki, T. *see* Maehara, E. 79195
Suzuki, T. *see* Matsukiyo, H. 64923
Suzuki, T. *see* Moritani, I. 75230
Suzuki, T. *see* Naniwae, K. 74156
Suzuki, T. *see* Nashima, O. 64243
Suzuki, T. *see* Niigaki, M. 94208
Suzuki, T. *see* Nishi, K. 83901
Suzuki, T. *see* Ohsawa, I. 61484
Suzuki, T. *see* Ohyama, H. 84062
Suzuki, T. *see* Ono, K. 119817
Suzuki, T. *see* Ono, M. 100494
Suzuki, T. *see* Sakai, T. 64917
Suzuki, T. *see* Shinohara, S. 104336
Suzuki, T. *see* Shklyaev, A.A. 74115
Suzuki, T. *see* Shklyaev, A.A. 94753
Suzuki, T. *see* Shoji, H. 85470
Suzuki, T. *see* Shujie Lin 65442
Suzuki, T. *see* Tokuda, K. 68065
Suzuki, T. *see* Tomimasu, T. 76063
Suzuki, T. *see* Tomimasu, T. 107395
Suzuki, T. *see* Tsukamoto, H. 94892
Suzuki, T. *see* Van Drent, W.P. 75188
Suzuki, T. *see* Yamaguchi, A. 68243
Suzuki, T. *see* Yumiba, H. 98822
Suzuki, Y. Flexible microgripper and its application to micromeasurement of mechanical and thermal properties 74959
Suzuki, Y., Chikaura, Y., Kii, H. Depth-sensitive X-ray scattering topographic observation of InAs grown by molecular beam epitaxy on GaAs 113376
Suzuki, Y., Iwamura, H., Miyazawa, T., Wakatsuki, A., Mikami, O. Polarization-dependent refractive-index change induced by superlattice disordering 114780
Suzuki, Y., Kudoh, E., Ogose, S. Transmission performance of DS-CDMA with RAKE reception adding time-window control loop (TWCL) in multipath fading environment 68237
Suzuki, Y., Niino, F., Okada, S., Yoshida, M. Low-resistivity ITO films by arc-discharge ion plating [for flat panel displays] 82766
Suzuki, Y., Nozaki, M., Ishida, H., Inoue, H., Shiraishi, Y. Design of traffic shaper function in the end system 78204
Suzuki, Y., Shibata, K., Kimura, J. Dual PLL synthesizer for PHS cell station 118826
Suzuki, Y., Shirato, T. A digitized group modulator using simple fractional sampling for multi-carrier TDMA radio systems 73163
Suzuki, Y., Tanaka, N., Okabe, M. Malitbog geothermal power plant, Leyte, Philippines 102497
Suzuki, Y., Tanase, K., Yamaguchi, A., Murata, S., Sumi, S., Torazawa, K. High density recording on magnetically induced super resolution disk with magnetic field modulation and pulsed laser irradiation 116143
Suzuki, Y., van Dover, R.B., Korenivski, V., Werder, D., Chen, C.H., Felder, R.J., Phillips, J.M.

Epitaxial single crystalline ferrite films for high frequency applications 75164
Suzuki, Y. *see* Akinaga, H. 95334
Suzuki, Y. *see* Aska Juste, K. 64058
Suzuki, Y. *see* Fukuda, Y. 63272
Suzuki, Y. *see* Ito, K. 108721
Suzuki, Y. *see* Iwasaki, H. 76579
Suzuki, Y. *see* Jeyadevan, B. 115532
Suzuki, Y. *see* Kashimura, Y. 64170
Suzuki, Y. *see* Kasuga, S. 80014
Suzuki, Y. *see* Kimura, H. 88539
Suzuki, Y. *see* Koide, T. 75177
Suzuki, Y. *see* Korenivski, V. 75155
Suzuki, Y. *see* Kusunoki, H. 67098
Suzuki, Y. *see* Maeda, J. 86803
Suzuki, Y. *see* Maeda, M. 73097
Suzuki, Y. *see* Mineo, Y. 92132
Suzuki, Y. *see* Mineo, Y. 113034
Suzuki, Y. *see* Nakagiri, N. 63112
Suzuki, Y. *see* Nakamoto, K. 115706
Suzuki, Y. *see* Nosaka, T. 114510
Suzuki, Y. *see* Pak, P.S. 102476
Suzuki, Y. *see* Sasaki, I. 89292
Suzuki, Y. *see* Shimomura, M. 62723
Suzuki, Y. *see* Suzuki, S. 112875
Suzuki, Y. *see* Takekawa, K. 72307
Suzuki, Y. *see* Ting-Chung Poon 65548
Suzuki, Y. *see* Tsuda, N. 110911
Suzuki, Y. *see* Tsurumi, H. 78488
Suzuki, Y. *see* Uchida, N. 88639
Suzuki, Y. *see* Uchida, N. 109616
Suzuki, Y. *see* Yamamoto, T. 84033
Suzumori, K. *see* Koga, A. 74968
Suzumura, N. *see* Yoshikawa, A. 67050
Suzumura, T. *see* Hayashi, K. 102871
Suzuoka, K. *see* Yoshio, M. 71620
Suzuoka, T. *see* Toda, A. 92264
Suzuoki, Y. *see* Kawamoto, A. 64125
Suzuoki, Y. *see* Kon, H. 70924
Suzuoki, Y. *see* Kon, H. 91178
Suzuoki, Y. *see* Segi, T. 76254
Suzuoki, Y. *see* Suwarno 64153
Suzuoki, Y. *see* Suwarno 75002
Suzuoki, Y. *see* Suwarno 106306
Svab, E. *see* Balasko, M. 104242
Svalov, A.V. *see* Vas'kovskij, V.O. 95348
Svanberg, S. Chemical sensing with laser spectroscopy 119940
Svanberg, S., Andersson, M., Anderson, P., Edner, H., Johansson, J., Ferrara, R., Maserti, E., Cecchi, G., Pantani, L., Mazzinghi, P., Alberotanza, L., Cioni, R., Caltabiano, T. Laser monitoring of the environment 101579
Svanberg, S. *see* Gratz, M. 101220
Svandrlik, M., Bocchetta, C.J., Fabris, A., Iazzourene, F., Karantzoulis, E., Nagaoka, R., Pasotti, C., Tosi, L., Walker, R.P., Wrulich, A. The cure of multibunch instabilities in ELETTRA 100632
Svandrlik, M. *see* Bocchetta, C.J. 79809
Svandrlik, M. *see* Fabris, A. 100659
Svandrlik, M. *see* Moser, H.O. 79772
Svantesson, B., Hemani, A., Ellervee, P., Postulal, A., Oberg, J., Jantsch, A., Tenhunen, H. A novel allocation strategy for control and memory intensive telecommunication circuits 98407
Svarc, R., Rodl, V., Wysocka, B. Extremal problems for linear orders on $[n]^p$ 103636
Svatik, A. *see* Scarpa, P.C.N. 72973
Svechnikov, S.V. *see* Gorbach, T.Ya. 92773
Svechnikov, S.V. *see* Vlaskina, S.I. 104139
Svechnikova, T.E., Korzhuev, M.A., Maksimova, N.M., Konstantinov, P.P., Alekseeva, G.T. Anisotropy in the Hall coefficient and resistivity of germanium-doped single crystal $Be_2Te_{2.85}Se_{0.15}$ [sic. $Bi_2Te_{2.85}Se_{0.15}$] 94444
Svechnikova, T.E. *see* Korzhuev, M.A. 74517
Sveda, K. *see* Konzbul, P. 95545
Svedberg, G. *see* Eidensten, L. 111794
Svedberg, P. *see* Tiensuu, S. 63667
Svedentsov, M.L. *see* Kalimov, A.G. 65725
Svedentsov, M.L. *see* Kalimov, A.G. 107727
Svedin, J., Dahlgren, U., Johansson, H., Hagel, O.-J., Zirath, H., Karlsson, C., Rorsman, N. Characterization of a millimeter-wave integrated BCB patch antenna InP HEMT receiver array 117063
Svedin, J. *see* Onnegren, J. 68455
Svehla, R. *see* Hlavka, J. 100261
Sveinsson, J.R., Benediktsson, J.A. Speckle reduction and enhancement of SAR images in the wavelet domain 111152
Svelto, C. *see* Taccheo, S. 65125
Svelto, F. *see* Ardelean, J. 100916
Svelto, O. *see* Geissler, K. 62648
Svenson, E.J. *see* Barcey, R. 115306
Svenson, R.H. *see* Semenov, S.Y. 101294
Svensson, A. Diversity for star 16QAM on fading channels 99202
Svensson, A. The adaptive cross validation method–applied to the control of circuit switched networks 118002
Svensson, A. *see* Frenger, P. 117958
Svensson, A. *see* Johansson, A.-L. 88390
Svensson, A. *see* Johansson, A.-L. 98867
Svensson, A. *see* Johansson, A.-L. 109511
Svensson, A. *see* Nakhjiri, M.F. 117134
Svensson, A. *see* Nakhjiri, M.F. 117341
Svensson, B.G. *see* Cardenas, J. 92706
Svensson, B.G. *see* Doyle, J.P. 94595
Svensson, B.G. *see* Mohadjeri, B. 94820
Svensson, C. *see* Eklund, J.-E. 100148
Svensson, C. *see* Jiren Yuan 115348
Svensson, C. *see* Schrom, G. 84583
Svensson, G. Two solutions to the same problem–assessing processes and their outcomes [nuclear plant PSA] 81214
Svensson, G.K. *see* Lu, X.-Q. 70202
Svensson, J. *see* Lindgren, M. 91653
Svensson, S. Power measurement uncertainties in a nonsinusoidal power system 102330
Svensson, S.O. *see* Hammersley, A.P. 90246
Svensson, S.P., Gill, D.M. Performance evaluation of the commercial point of inflection thermometry substrate temperature monitor 89550
Svensson, S.P., Uppal, P.N., Gill, D.M. Cell configuration-induced strain in quaternary films 82711
Svensson, S.P. *see* Gill, D.M. 84467
Sventsitskaya, N.A. *see* Dimakov, S.A. 65573
Sverdlov, V.Ya., Tikhinsky, G.F., Tikhonovsky, M.A., Lazareva, L.S., Chupikov, A.A., Martynyuk, L.I., Lapina, N.V. Structure and properties of Nb_3Sn in ternary Cu-Nb-Sn alloys 95419
Sverdlov, V.Ya., Tikhonovsky, M.A., Tikhinsky, G.F., Kondratov, A.A., Rudycheva, T.Yu., Klimenko, E.Yu., Novikov, S.I. Multifilamentary Nb_3Sn superconductors on the base of high-tin alloyed bronzes for high-field magnets 95569
Sveshnikov, V.I., Fokin, Yu.A. Calculation methods and hardware providing for reliability of electric power systems in dynamic conditions 70632
Sveshtarov, P. *see* Petrova, D. 113270
Svetik, Z. *see* Lapuh, R. 110275
Svetkoff, D. *see* Harding, K. 79708
Svetkoff, D.J., Kilgus, D.B., Boman, R.C. 3-D line scan imaging with orthogonal symmetry 72331
Svetkoff, D.J. *see* Kilgus, D.B.T. 79550
Svetlykh, A.A. *see* Vitsinskii, S.A. 85369
Sviderskii, A.G. *see* Lysko, V.V. 121265
Svigals, J. Magnetic stripes, twenty fifth anniversary, 1969-1994 64394
Svilich, K. *see* Fisher, C. 113862
Svinin, M. *see* Nikiforov, S. 90091
Svinin, M. *see* Ueno, N. 85969
Svinin, M.M., Ueno, N., Kaneko, M., Tsuji, T. Modeling and analysis of dynamic contact point sensing by a flexible beam 79364
Svinjin, M.P. *see* Tolstun, N.G. 89741
Svircevic, S. *see* Kovacevic, V. 99007
Svircevic, S. *see* Ljikar, M. 99014
Svircevic, S. *see* Popovic, M. 98613
Svircevic, S. *see* Popovic, M. 99008
Svircevic, S. *see* Secerov, E. 99009
Svirid, Y.V. *see* Klove, T. 66197
Sviridenko, Yu.N. *see* Syt'ko, V.V. 79700
Sviridov, A.N., Martynov, S.N. Photodetector systems with CO_2 quantum amplifiers for passive IR systems 99986
Sviridov, A.N., Smolin, O.V., Martynov, S.N. Photodetector system with a CO_2 quantum amplifier for laser ranging of moving objects 99988
Sviridov, A.N. *see* Gorelik, L.I. 99984
Sviridov, E.V. *see* Alyoshin, V.A. 115421
Sviridov, K.A. *see* Galuskin, M.G. 116689
Sviridov, K.N. *see* Polskikh, S.D. 77198
Svirko, Yu.P. *see* Boyarchuk, K.A. 101578
Svistun, M.I. *see* Zagidullin, M.V. 107061
Svistun, M.I. *see* Zagidullin, M.V. 116323
Svistunov, V.M. *see* D'yachenko, A.I. 95456
Svit, P.P. *see* Semkin, B.V. 71031
Svitelskiy, A.V. *see* Semenova, G.N. 103887
Svob, L., Marfaing, Y., Clerjaud, B., Cote, D., Lebkiri, A., Druilhe, R. Hydrogen-arsenic interactions in MOVPE-grown CdTe: effects of rapid thermal annealing 74164
Svob, L. *see* Theys, B. 94360
Svoboda, K., Denk, W., Knox, W.H., Tsuda, S. Two-photon-excitation scanning microscopy of living neurons with a saturable Bragg reflector mode-locked diode-pumped $Cr:LiSrAlF_6$ laser 120306
Svoboda, P. *see* Nachtwei, G. 74273
Svoboda, S. Design reuse in today's DSP design methodology 83135
Svotin, P.A. *see* Naumov, V.G. 116339
Svotin, P.A. *see* Valuev, V.V. 107421
Svozil, K., Felix, D., Ehrenberger, K. Amplification by stochastic interference 97401
Svyatoslavskaya, T.A. *see* Bikmatov, R.R. 79245
Svyatoslavsky, N.L. *see* Bikmatov, R.R. 79245
Swaak, J. *see* de Jong, T. 112796
Swager, T.M. *see* Epstein, A.J. 96022
Swaim, O. *see* Coates, D.K. 112206
Swain, A.K., Mohanty, A.K. Dual rate self-tuning controller for a self-controlled synchronous motor drive 121949
Swain, A.K. *see* Subudhi, B. 121274
Swain, D. *see* Bemabei, S. 76629
Swain, D.P. *see* Dash, P.K. 81138
Swain, D.P. *see* Dash, P.K. 111462
Swain, D.W., Baity, F.W., Bigelow, T.S., Ryan, P.M., Goulding, R.H., Carter, M.D., Stallings, D.C., Batchelor, D.B., Hoffman, D.J. Design options for an ITER ion cyclotron system 76576
Swain, G.M. *see* DeClements, R. 92817
Swain, J.J. *see* Farrington, P.A. 82171
Swain, M.A. *see* Richards, M.T. 67159
Swain, M.J. *see* Kahn, R.E. 86447
Swain, N.K., Bengiamin, N.N. Multistage capacitor switching: an analytical approach 91149
Swain, P.K., Misra, D., Cole, M. Plasma etching induced damage to strained Si/SiGe/Si heterostructure 105265
Swain, P.K., Misra, D., Thompson, P.E. Effect of dry etching and subsequent annealing of Si/SiGe/Si heterostructure 63311
Swain, R.S. The UMTS Task Force report 78393
Swalen, J.D. Linear optical properties of NLO polymers 115982
Swales, S.C. *see* Tsoulos, G.V. 78453
Swales, S.C. *see* Tsoulos, G.V. 88386
Swales, S.C. *see* Tsoulos, G.V. 109405
Swales, S.C. *see* Tsoulos, G.V. 109546
Swami, A. *see* Guotong Zhou 66694
Swami, N.Narayana *see* Narayana Swami, N.
Swaminathan, D. *see* Kaul, M.K. 88266
Swaminathan, M. *see* Bathey, K. 60612
Swaminathan, M. *see* Chahal, P. 114480
Swaminathan, M. *see* Jie Hao 92204
Swaminathan, M. *see* Kim, B.C. 104972
Swaminathan, M. *see* Kim, B.C. 114484
Swaminathan, M. *see* Perfecto, E.D. 94145
Swaminathan, R. Divide-and-conquer algorithms for graph-layout problems 103648
Swaminathan, R. *see* Ferekides, C.S. 112338
Swaminathan, S. *see* Lim, T.K. 99842
Swaminathan, S. *see* Maruthy Prasad, V.V.S. 66572
Swaminathan, S. *see* Yoon, S.F. 104019
Swaminathan, T.R. *see* Nagaraj, H.C. 120446
Swaminathan, V. *see* Belenky, G.L. 96289
Swaminathan, V. *see* Belenky, G.L. 96361
Swaminathan, V. *see* Kojima, K. 75991
Swaminathan, V. *see* Mishkevich, V. 68423
Swaminathan, V. *see* Singh, A. 69167
Swamy, M.N.S. *see* Agarwal, R. 114133
Swamy, M.N.S. *see* Romero, J. 66780
Swamy, M.N.S. *see* Savin, C.E. 93582
Swamy, M.N.S. *see* Savin, C.E. 93588
Swamy, P.Ranga *see* Ranga Swamy, P.
Swan, J.M., Harvey, A.R., Holmes, R.H., Kendall, C.M., Yamamoto, R.M., Yokota, T.T., Tanabe, J.T., Schlueter, R.D. The Pep-II B-Factory septum quadrupole magnets 90057
Swan, T. *see* Heim, J. 79957
Swan, T. *see* Heim, J. 100442
Swanekamp, R. Maintain top performance from gas-turbine-based systems 71156
Swanekamp, R. Barge mounted powerplants fill urgent needs 81366
Swanekamp, R. Managing the powerplant as an independent business 121271
Swanekamp, R. Startup of large-scale projects casts spotlight on IGCC 121379
Swanenburg, B.N. *see* Althof, V.G.M. 120508
Swanenkamp, R. Fuel management: natural gas/fuel oil 71111
Swanenkamp, R. Single-shaft combined cycle packs power in at low cost 71155
Swanepoel, J.W.H., De Beer, C.F., Loots, H. Estimation of the strength of a periodic signal from photon arrival times 117345
Swann, A.C., Harrison, J.C., Talke, F.E. Non-repeatable runout measurement and simulation of fluid lubricated spindles 64401
Swann, C.J. *see* Van Blaricum, M.L. 88625
Swann, H. Error estimates using the cell discretization method for some parabolic problems 61116
Swann, R.C.G. *see* Vandenbroeck, J. 63933
Swann, R.E.M., Kingsbury, N.G. Techniques for improving the error resilience of MPEG-5 codecs 118694
Swanson, C.D. *see* Chronopoulos, A.T. 92603
Swanson, C.M. *see* Runton, D.W. 95069
Swanson, D.G., Jr. First pass CAD of microstrip filters cuts development time 73666
Swanson, E.A. *see* Barry, R.A. 77948
Swanson, E.A. *see* Chinn, S.R. 75414
Swanson, E.A. *see* Hemenway, B.R. 68523
Swanson, E.A. *see* Kaminow, I.P. 77942
Swanson, E.A. *see* Marquis, D. 98638
Swanson, E.A. *see* Tearney, G.J. 120407
Swanson, G.S. *see* Hill, K.U. 118352
Swanson, H. A single conversion FM receiver for wireless data communication on 902-928 MHz ISM band 98662
Swanson, H.J. An FSK modulation data receiver for 900 MHz using a low cost silicon monolithic integrated circuit chip set 78434
Swanson, J.G., Wang, Q.H., Bowser, M.I. The electronic behaviour of Si_3N_4-GaAs interfaces 63135
Swanson, L.G. *see* Fernandez-de-Castro, J.J. 115708
Swanson, L.S. *see* McPherson, J.W. 63446
Swanson, L.W. *see* Magera, G.G. 73946
Swanson, M.B. *see* Kincaid, L.E. 72365
Swanson, M.D., Hosur, S., Tewfik, A.H. Image coding for content-based retrieval 86478
Swanson, M.J. *see* Sidhu, T.S. 102229
Swanson, R. *see* Friedmann, A. 75225
Swanson, R.E. Modulation codes for the controlled polarity recording channel 115817
Swanson, T.J. Digital integrated circuit technology trends: microprocessors [for avionic application] 70364
Swanton, A. *see* Fisher, M. 67965
Swanton, A. *see* Kashuap, R. 75503
Swanton, A. *see* Kashyap, R. 85024
Swanton, A. *see* Kashyap, R. 106790
Swarnakar, V., Acharya, R.S., Le Blanc, A., Evans, H., Chen Lin, Hausman, E., Schakelford, L. Fractal analysis of bone images 110708
Swarnamani, S. *see* Sujana, H. 120322

Swart, H.C., Sebastian, J.S., Trottier, T.A., Jones, S.L., Holloway, P.H. Degradation of zinc sulfide phosphors under electron bombardment 95964
Swart, H.C. *see* Dankelmann, P. 60867
Swart, H.C. *see* Viljoen, P.E. 105126
Swart, J. Status of PCS in the United States 88269
Swart, J.J.B.de *see* de Swart, J.J.B.
Swart, J.W. *see* Martins, E. 94933
Swart, P.H. *see* Truter, N. 102864
Swart, P.L., Lacquet, B.M., Blom, C. An acoustic sensor system for determination of macroscopic surface roughness 110373
Swart, P.L., Spammer, S.J. Differentiating fiber optic reflective ring interferometer for alternating current measurements 79443
Swart, P.L. *see* Bulkin, P.V. 95930
Swart, P.L. *see* Chtcherbakov, A.A. 79444
Swart, P.L. *see* Spammer, S.J. 100072
Swart, W. *see* Bengu, G. 112760
Swartz, B., Magotra, N. Speech amplitude compression 70237
Swartz, F. *see* van Rooyen, P. 67569
Swartz, H.M. *see* Eckburg, J.J. 80411
Swartz, L. Communications architecture and protocols in the electric utility environment 101848
Swartzback, G. *see* Calvin, H. 106718
Swartzback, G. *see* Deis, G. 106719
Swartzendruber, L.J. *see* Bennett, L.H. 115527
Swartzendruber, L.J. *see* Nikitenko, V.I. 79655
Swartzendruber, L.J. *see* Nikitenko, V.I. 115633
Swartzentruber, B.S. *see* Adams, D.P. 84255
Swartzlander, A. *see* Basol, B.M. 104093
Swartzlander, A. *see* Pehnt, M. 104078
Swartzlander, A.B. *see* Gessert, T.A. 91731
Swartzlander, E., Jr. *see* Ziaja, T. 72242
Swartzlander, E.E., Jr. *see* Lim, H. 104503
Swartzlander, E.E., Jr. *see* Yuang-Ming Hsu 61730
Swartzlander, G.A., Jr. *see* Law, C.T. 107560
Swarup, G. Exploration of the radio universe 68825
Swarup, K.S., Chandrasekharalah, H.S. Fault detection and diagnosis of power converters using artificial neural networks 111578
Swarup, K.S., Yoshimi, M., Shimano, S., Izui, Y. Genetic algorithm approach to environmental constrained optimal economic dispatch 70654
Swatek, D.R., Ciric, I.R. Single source integral equation for wave scattering by multiply-connected dielectric cylinders 65783
Swatek, D.R. *see* Jacobson, D.A.N. 121103
Swatland, H.J. Monitoring photomultiplier performance in a computer-assisted light microscope 119532
Sweatt, W.C., Descour, M.R., Ray-Chaudhuri, A.K., Kravitz, S.H., Warren, M.E., Stulen, R.H., Tichenor, D.A., Underwood, J.H., Krenz, K.D. Mass-producible micro-holographic tags 96835
Sweda, J.R. *see* Levine, P.D. 89560
Sweder, J., Truitt, G.A., Nelson, S.R., Mason, J.S. Compact, reliable 70-watt X-band power module with greater than 30-percent PAE 83467
Swee Sien Tan *see* Dipti Srinivasan 101762
Sweeney, D.G. *see* Newhall, W.G. 88949
Sweeney, D.P. *see* Le Blanc, M.J. 121056
Sweeney, J.W. Single large roller mill feeds today's jumbo cement plants 82044
Sweeney, K.L. *see* Phillips, M.R. 88640
Sweeney, P. *see* Shin, S.K. 76733
Sweeney, S. *see* Bayruns, R. 79140
Sweet, W. Robert N. Metcalfe 72392
Sweeting, T.J. *see* Olin, B.D. 82810
Sweetser, J.N. *see* Fittinghoff, D.N. 79739
Sweetser, J.N. *see* Krumbugel, M.A. 100353
Sweetser, J.N. *see* Trebino, R. 69541
Sweezy, G. *see* Sybille, G. 91089
Swegle, J.A. Nonrelativistic planar double-stream equilibria in magnetically insulated diodes 114517
Sweitzer, G.F. *see* Stott, D.D. 90688
Sweldens, W. The lifting scheme: A custom-design construction of biorthogonal wavelets 66749
Swensen, E.C. *see* Nakhamkin, M. 111792
Swenson, C.A., Eyssa, Y.M., Markiewicz, W.D. Quench protection heater design for superconducting solenoids 95548
Swenson, C.A., Scott, R.T. The effect of locomotive radial steering bogies on wheel and rail wear 91851
Swenson, C.A. *see* Dixon, I.R. 95570
Swenson, C.A. *see* Markiewicz, W.D. 95537
Swenson, D. *see* Ingerly, D.B. 83992
Swenson, D.A., Crandall, K.R., Guy, F.W., Lenz, J.W., Ringwall, A.D., Walling, L.S. Development of the RFD linac structure 79920
Swenson, D.E. *see* Koehn, S.C. 107746
Swenson, D.R., York, R.L., Stevens, R.R., Jr., Geisik, C., Ingalls, W., Stelzer, J.E., Fitzgerald, D. Development of a volume H^- ion source for LAMPF 90095
Swenson, G.W., Jr. Radio sociology [noise investigation] 76490
Swent, R.L. *see* Crosson, E.R. 96487
Swent, R.L. *see* Schwettman, H.A. 107402
Swerts, U. *see* Van Doorselaer, K. 95138
Swets, D.L., Weng, J. Discriminant analysis and eigenspace partition tree for face and object recognition from views 117895
Swets, D.L., Weng, J.J. Using discriminant eigenfeatures for image retrieval 98227
Swevers, J. *see* Van Den Braembussche, P. 91481
Swiatek, K. *see* Weman, H. 62866
Swiatkiewicza, J. *see* Luther-Davies, B. 116618
Swidan, M.A., Yassin, I., Heggazy, A., Moustafa, H.M.M. Long-term load forecasting in the Egyptian power system 101988
Swidenbank, E. *see* Flynn, D. 81393
Swidenbank, E. *see* Geddes, D.J. 111764
Swidenbank, E. *see* Prasad, G. 91330
Swider, R. *see* Cohen, C.E. 70392
Swider, Z. *see* Brdys, M.A. 81457
Swiderski, J. Approximate performance analysis of real-time traffic over heavily loaded networks with timed token protocols 78089
Swie-In Tan *see* Minshen Tan 64376
Swieckowski, G. *see* Miloucheva, I. 118487
Swierkosz, M. *see* Rappaz, J. 103159
Swierkowski, L., Szymanski, J. Magneto-polarons in quantum wells with high electron concentration 62862
Swierkowski, L., Szymanski, J., Gortel, Z.W. Strong enhancement of Coulomb drag in double-layer systems due to correlations among carriers 105252
Swiety, S.A. *see* Jubran, B.A. 82254
Swift, A.P., Moroz, E.M., Craver, W.L. The effect of δ_3 angle on the teeter response of an unstalled wind turbine rotor determined by analysis, experiment, and computer simulation 102592
Swift, D.A. Pollution flashover performance of ceramic high-voltage insulators: a critique of using solely specific leakage distance for dimensioning purposes 102205
Swift, D.A. *see* Ravera, C.N. 81116
Swift, F. *see* Wang Haifeng 91037
Swift, F. *see* Wang Haifeng 91038
Swift, F.J., Sadler, P.A., Oates, C.D.M. Exact supply current harmonic analysis and control of forced commutated AC/AC choppers 102838
Swift, F.J., Wang, H.F. Application of the controllable series compensator in damping power system oscillations 101810
Swift, F.J., Wang, H.F., Li, M. Analysis of controllable series compensator to suppress power system oscillations 80987
Swift, F.J. *see* Wang, H.F. 70778
Swift, F.J. *see* Wang, H.F. 80812
Swift, F.J. *see* Wang, H.F. 101809
Swift, F.J. *see* Wolfe, H.J. 91666
Swift, G., Katz, R. An experimental survey of heavy ion induced dielectric rupture in Actel Field Programmable Gate Arrays (FPGAs) 73301
Swift, G., Katz, R. An experimental survey of heavy ion induced dielectric rupture in Actel field programmable gate arrays (FPGAs) 104528
Swift, G., Zhiying Zhang, McLaren, P. Inrush restraint algorithms for transformer differential relays 81528
Swift, G. *see* Katz, R. 104527
Swift, G. *see* Litvinenko, V.N. 79873
Swift, G. *see* O'Shea, P.G. 89770
Swift, G. *see* Sachtschale, R. 94188
Swift, G.M. *see* Nichols, D.K. 63854
Swift, G.W. *see* McLaren, P.G. 81140
Swift, G.W. *see* McLaren, P.G. 81146
Swift, G.W. *see* McLaren, P.G. 102261
Swift, G.W. *see* Mclaren, P.G. 102274
Swift, G.W. *see* Watanabe, A. 103171
Swift, J.A. Using TQM to identify education improvement opportunities in the College of Engineering at the University of Miami 103334
Swift, K.G. *see* Taylor, P.M. 82786
Swindell, W. *see* Hansen, V.N. 80449
Swindlehurst, A. Detection and estimation in the presence of signals with uncalibrated spatial signature 86181
Swindlehurst, A. A maximum a posteriori approach to beamforming in the presence of calibration errors 117482
Swingler, D.N., Gregory, S. A generalized approximation for the Cramer-Rao lower bound on direction-of-arrival estimates for a pair of closely spaced sources 97838
Swingler, J., McBride, J.W. The erosion and arc characteristics of Ag/CdO and Ag/SnO_2 contact materials under DC break conditions 104915
Swingler, J. *see* Stennett, N.A. 62413
Swinyard, B.M. *see* Read, P.D. 79526
Swirhun, S., Dudek, M., Neumann, R., Calkins, J., Brusenbach, P., Brinkmann, D., Northrop, T., Moore, A., Paananen, D., Scott, J., White, T. The P-VixeLink™ multichannel optical interconnect 119223
Swirhun, S.E. *see* Yung-Cheng Lee 96300
Swiryn, S. *see* Schoenwald, A.T. 70158
Switatek, K. *see* Sadowski, J. 74233
Swung-Woo Seo *see* Prucnal, P.R. 99470
Swyden, T.A. *see* Cha-Mei Tang 73995
Swyden, T.M. *see* Tang, C.-M. 62574
Swyt, D.A. Generic technology, measurement and standards issues in micromachining and microfabrication 74902
Sy, P.W. *see* Caro, J.D.L. 72487
Sy-Ming Guu, Yan-Kuen Wu A two-phase approach for solving the multiple objective linear fractional programming problems 103683
Sy-Ruen Huang *see* Chang-Chou Hwang 72412
Sy-Ruen Huang *see* Chang-Chou Hwang 97078
Sy-Ruen Huang *see* Chang-Chou Hwang 111655
Sy-Ruen Hwang *see* Sheau-Shong Bor 107852
Sy-Yen Kuo *see* Shyue-Kung Lu 113995
Sy-Yen Kuo *see* Wen-Yu Tseng 78058
Syali, M.S. *see* Sircar, P. 117273
Syamasundara Rao, Y. *see* Babu, S. 105129
Syao, K.-C. *see* Gutierrez-Aitken, A.L. 109619
Syben, O. *see* Anticic, T. 90166
Syben, O. *see* Braunschweig, W. 69836
Syben, O. *see* Braunschweig, W. 120140
Sybille, G., Giroux, P., Dellwo, S., Mazur, R., Sweezy, G. Simulator and field testing of Forbes SVS 91089
Sybille, G. *see* Nakra, H. 104348
Sychaleun, S. *see* Hien Do-Ky 62247
Sychev, A.A. *see* Babenko, V.A. 75826
Sychugov, V.A., Tishchenko, A.V., Parriaux, O. Gratings with parallelogramic-shaped grooves for unidirectional wave guide coupling 75529
Sychugov, V.A. *see* Loktev, S.M. 84967
Sychugov, V.A. *see* Lyndin, N.M. 75535
Sychugov, V.A. *see* Parriaux, O. 85069
Sychyi Lin *see* Lin Sychyi
Sydenham, P.H. *see* Thorn, R. 72123
Sydorova, T.P. *see* Povolotsky, F.K. 76545
Syed, H.H., Volakis, J.L. PTD analysis of impedance structures 85825
Syed, K.S., Crofts, G.J., Damzen, M.J. Transient analysis of four-grating copolarized four-wave mixing in saturable gain media with finite probe 107591
Syed, M. *see* Inoue, K. 121993
Syffus, R. *see* Grafarend, E.W. 60910
Sygel, K. *see* Haaser, B. 90995
Syh-Ming Ho, Shy-Ming Lian, Ker-Ming Chen, Jing-Pin Pan, Tsung-Hsiung Wang, Aina Hung Studies of Ni-B as an electrochemical metal migration barrier 72289
Syin Chan *see* Bu Sung Lee 118509
Syin Chan *see* Chan Syin
Sykes, A.J. *see* Ziegler, J.F. 72394
Sykes, C.G., Saull, R.C. The use of polarisation coherency in the detection of radar signals 70575
Sykes, F.E., Armstrong, S. A BiFET automatic gain control amplifier for hearing aids 120519
Sykes, P., Sewell, R. Broadband Internet for the mass market 67677
Sykulski, J.K., Stoll, R.L., Mahdi, A.E. Modelling HTc superconductors for AC power loss estimation 95452
Sykulski, J.K. *see* Biddlecombe, C.S. 93974
Sykulski, J.K. *see* Cheng, Y.B. 65722
Sykulski, J.K. *see* Harris, M.R. 79628
Sykulski, J.K. *see* Parker, C.F. 71251
Sylos Labini, M. *see* Cannistra, C. 102711
Sylvester, J. *see* Winebrenner, D.P. 120862
Sylvestre, A., Aniel, F., Boucaud, P., Julien, F.H., Crozat, P., De Lustrac, A., Adde, R., Jin, Y., Praseuth, J.P. Low temperature electroluminescence spectroscopy of high electron mobility transistors on InP 84469
Sylvestre, A., Boucaud, P., Aniel, F., Jin, Y., Praseuth, J.P., Julien, F.H., Crozat, P., Adde, R. Low energy electroluminescence spectra on InP based HEMTs at cryogenic temperatures 84477
Sylvestre, A. *see* Aniel, F. 63761
Sylvestre, A. *see* Aniel, F. 95046
Sylwester, J. *see* Siarkowski, M. 77460
Syme, R.W.G. *see* Baribeau, J.-M. 92724
Syme, R.W.G. *see* Roth, A.P. 114786
Symko, M.I. *see* Ciszek, T.F. 94725
Symon, A., Lacroix, S., Bures, J. Dense all fiber WDM by means of Mach-Zehnder interferometer 99473
Symon, K. *see* Cho, Y. 79994
Symonds, G.R. Regulatory issues and the Therac machine 101428
Symonds, K. *see* Smith, C. 95208
Symons, D.M. *see* Daly, M.S. 62901
Symons, D.M. *see* Daly, M.S. 105364
Symons, D.M. *see* Martin, R.W. 61207
Symons, R. *see* Palmer, D. 62571
Symons, R.S. *see* Palmer, D. 105051
Syms, R.R.A., Huang, W., Schneider, V.M. Optimisation of borophosphosilicate glass compositions for silica-on-silicon integrated optical circuits fabricated by the sol-gel process 75565
Symvonis, A. *see* Makedon, F. 77802
Synal, H.A. *see* Ames, F. 100795
Synal, H.A. *see* Parrat, Y. 100793
Synders, J. *see* Fossorier, M.P.C. 66453
Synitsin, D. *see* Scharer, J.E. 117092
Synitsin, M.V. *see* Borisov, V.P. 116326
Syomash, V.D. *see* Semenov, A.D. 84907
Sypek, M. *see* Karpierz, M.A. 65452
Syphers, M. *see* Kang, X. 89843
Syphers, M. *see* Liu, J.Y. 89882
Syphers, M. *see* Wang, L. 89881
Syphers, M.J., Harrison, M.A., Peggs, S. Beyond the LHC: a conceptual approach to a future high energy hadron collider 79937
Syphers, M.J. *see* Blaskiewicz, M. 79926
Syphers, M.J. *see* van Asselt, W.K. 89865
Sypsas, P.T. *see* Antonopoulou, I.N. 103501
Syrbu, A., Mereutza, A., Suruceanu, G., Yakovlev, V., Catughin, O., Vieru, S., Popescu, I.M., Ispasoiu, R.G., Predescu, M. AlGaAs/InGaAs buried heterostructure laser diodes for pumping solid state lasers 65207
Syrbu, A.V., Mereutza, A.Z., Suruceanu, G.I., Yakovlev, V.P., Caliman, A., Lupu, A.T., Vieru, S., Predescu, M., Popescu, I.M., Ispasoiu, R.G. Fabrication, characterization, and applications of

high-performance AlGaAs-based buried-heterostructure diode lasers 76041
Syrbu, A.V. *see* Botez, D. 116491
Syrjakow, M. *see* Lehmann, A. 108938
Syrkin, A.L., Bluet, J.M., Dezauzier, C., Bretagnon, T., Contreras, S., Robert, J.L., Bastide, G., Camassel, J., Anikin, M.M. Comparative investigation of structural, optical and electrical properties of 6H-SiC layers grown by CVD and SSM epitaxial techniques 103995
Syrkin, A.L. *see* Ortolland, S. 114694
Syroid, D., Holmberg, S., Hansen, G. A sunlight readable 10.4 inch color active matrix LCD 89333
Syromyatnikov, S.Yu. *see* Gerikh, V.P. 101688
Syrota, A. *see* Vera, P. 101130
Syryamkin, V.I. Correlation systems of artificial vision with a television sensor of images of various dimensions and chromaticity 67332
Syskakis, E. *see* Erning, J.W. 81799
Sysoev, V.A. *see* Kolesov, B.I. 81234
Sysoev, V.V. *see* Kisin, V.V. 69363
Sysoev, Yu.S. Coordinate methods of determining average-circle parameters in actual surface profile analysis 100318
Sysoeva, E.P., Tarasov, V.A., Meshman, A.P., Gen, N.S. The optimization of the properties of the beta-radiation scintillation detectors 100889
Sysoeva, E.P., Zelenskaya, O.V., Sysoeva, E.V. The non-proportional response of single crystalline oxide scintillators 80050
Sysoeva, E.P., Zelenskaya, O.V., Sysoeva, E.V. The non-proportional response of single crystalline oxide scintillators 100888
Sysoeva, E.V. *see* Sysoeva, E.P. 80050
Sysoeva, E.V. *see* Sysoeva, E.P. 100888
Sytchev, V. *see* Andriischin, A. 100413
Sytcheva, A.M. *see* Zadorozhnii, V.I. 96687
Sytchevsky, S. *see* Doinikov, N. 89963
Sytchova, N. *see* Konopaltseva, L. 85339
Sytchova, N.P. *see* Volosovich, A.E. 85180
Sytchova, N.P. *see* Volosovich, A.E. 85327
Syt'ko, V.V., Dem'yanenko, D.V., Sviridenko, Yu.N., Aleshkevich, N.I., Sholokh, V.F. Influence of the height distribution of microscopic surface roughness on photometric estimates of the standard deviation from the surface profile 79700
Sytnikov, V.E. *see* Bruzzone, P. 102174
Syutkina, O.P. *see* Starostina, T.A. 104171
Syuto, K. *see* Okamoto, K. 95794
Syversen, B. *see* Hasvold, O. 112180
Syversen, T. *see* Brynjarsson, B.A. 66138
Syverson, D. *see* Wu, J.J. 114924
Syverson, P. Limitations on design principles for public key protocols 76752
Syverson, P.F. A new look at an old protocol 86052
Sywe, B.S. *see* Chaudhuri, J. 83880
Szabatin, J., Melnikov, V.E., Platonov, A.A. Analog-digital wide-range measurement systems with adaptively adjusted quartz glass sensors 119537
Szablewski, M. *see* Bloor, D. 85582
Szablewski, M. *see* Cross, G.H. 76252
Szabo, A. *see* Kansara, M. 102859
Szabo, B. *see* Wang, Y. 65937
Szabo, E.E., Adanyi, N., Varadi, M. Application of biosensor for monitoring galactose content 110245
Szabo, G. *see* Tittel, F.K. 105756
Szabo, P.P. *see* Ranogajec-Komor, M. 110990
Szabo, R.A. Cost effective approach to variable speed drive retrofits 92004
Szabo, T. *see* Babai, L. 92460
Szabo, T.L. *see* Lum, P. 90369
Szachnowski, W. *see* Lewinska-Romicka, A. 72989
Szafnicki, K., Graillot, D., Voignier, P. Knowledge-based fault detection and supervision of urban sewer networks 110004
Szafraniec, B. *see* Blake, J. 100067
Szajda, K.S., Sodini, C.G., Bowman, H.F. A low noise, high resolution silicon temperature sensor 110650
Szajman, J. *see* Gogoasa, I. 100076
Szajnowski, W.J. A fast time-domain estimator of the bandwidth of a Gaussian process 76915
Szakacs, O. *see* Peter, A. 106754
Szalai, L. *see* Tobin, R.C. 116381
Szalay, A. *see* Bankuti, J. 103098
Szalewski, M. *see* Kielczynski, P. 111358
Szalewski, M. *see* Pajewski, W. 106473
Szamatowicz, J. *see* Laudanski, T. 90272
Szamota-Sadowska, K. *see* Sadowski, J. 74233
Szarmes, E. *see* Denbeaux, G. 107398
Szarmes, E.B., Madden, A.D., Madey, J.M.J. Optical phase locking of a 2.86-GHz harmonically mode-locked free-electron laser 96438
Szarmes, E.B., Madey, J.M.J. A broadly tunable autocorrelator for ultra-short, ultra-high power infrared optical pulses 107373
Szarmes, E.B. *see* Barnett, G.A. 96489
Szatkowski, J. *see* Firszt, F. 74185
Szawlowski, M. *see* Moszynski, M. 80054
Szawlowski, M. *see* Moszynski, M. 101039
Szczcpanowski, A. *see* Williams, J.E.C. 95531
Szczecinski, L., Morawski, R.Z., Barwicz, A. Quadratic FIR filter for numerical correction of spectrometric data 108391
Szczekowsky, M. *see* Bell, W. 120174
Szczepaniak, Cz., Baranowski, B. Isolation testers 110315
Szczepanik, J. *see* Lawrance, W.B. 70903
Szczepanik, J. *see* Michalik, G. 81029
Szczepanik, Z., Rucki, Z., Moron, Z. Application of finite element analysis method for modelling of electric field distribution in conductance cells 110317
Szczepanik, Z. *see* Moron, Z. 110318
Szczepanski, P., Mossakowska-Wyszynska, A. Dynamic operation of distributed feedback lasers 85443
Szczepanski, P., Tyszka-Zawadzka, A. Excess noise in lasers 85548
Szczepanski, S., Schaumann, R., Pankiewicz, B. A CMOS transconductance element with improved DC gain and wide bandwidth for VHF applications 106194
Szczerbicka, H. *see* Lehmann, A. 108938
Szczesniak, A. *see* Jabczynski, J. 110455
Szczesniak, E. *see* Andrew, E.R. 120283
Szczupak, J. *see* Osorio, P. 99871
Sze, P.W., Yarn, K.F., Wang, Y.H., Houng, M.P., Chen, G.L. Characteristics of MOCVD-grown high-quality CdTe layers on GaAs substrates 82590
Sze, S.M. *see* Chien-Jen Wang 72769
Sze, W. *see* Donnelly, J. 89253
Sze Fong Yau, Shun Him Wong Limited angle tomography using artificial neural network 69939
Sze Fong Yau *see* Srivastava, D. 98107
Sze Keung Lor, Hiraoka, H., Ping Yu, Lap-Tak Cheng, Wong, G.K.L. Second harmonic characteristics of disperse red 1 doped polysulfones 76122
Sze-Ying Wuu *see* Ritu Chadha 98580
Szea Chwen-Jye *see* Chwen-Jye Szea
Szekely, G., Eide, A., Lindblad, T., Lindsey, C., Minerskjold, M., Sekhniaidze, G. Wavelets and signal processing 97711
Szekely, G. *see* Eide, A. 114175
Szekely, G. *see* Naf, M. 110715
Szekely, G. *see* Neuenschwander, W. 77181
Szekely, V., Kohari, Zs., Marta, Cs., Rencz, M., Courtois, B. Test structure for thermal monitoring 115338
Szekely, V., Poppe, A., Rencz, M., Farkas, G., Csendes, A., Pahi, A. An efficient method for the self-consistent electro-thermal simulation and its integration into a CAD framework 74808
Szekely, V. *see* Poppe, A. 72218
Szekeres, A., Danesh, P. Mechanical stress in SiO_2/Si structures formed by thermal oxidation of amorphous and crystalline silicon 105488
Szelag, A. Influence of voltage conditions in the contact line of DC supply system on traction parameters of locomotives with asynchronous motors 112531
Szelag, A., Zajac, W., Prusak, J. Modified method of the electric parameters of the systems: track rails-earth 112530
Szelag, A. *see* Bogorodzki, P. 111550
Szelag, A. *see* Gieras, J.F. 112501
Szelag, A. *see* Mierzejewski, L. 112525
Szelag, B., Balestra, F., Ghibaudo, G., Dutoit, M. Gate and substrate currents in deep submicron MOSFETs 94982
Szelag, M., Klingler, M., Heddebaut, M., Couvert, J.M. RDS traffic information in the transalpin Frejus tunnel–an experiment within the MELYSSA corridor 99725
Szelag, M. *see* Briquet, P. 97178
Szelag, W., Demenko, A., Nowak, L. Time-stepping finite element method in designing of permanent magnet synchronous motors 81428
Szelag, W. *see* Nowak, L. 76343
Szeless, A. *see* Schauer, G. 91396
Szeliski, R., Lavallee, S. Matching 3-D anatomical surfaces with non-rigid deformations using octree-splines 90482
Szeliski, R. *see* Scharstein, D. 86399
Szeliski, R. *see* Sing Bing Kang 86402
Szentgyorgyi, A. *see* Mcleod, B. 100135
Szentpali, B. *see* Dozsa, L. 115151
Szepessy, A. An interesting and effective code for error-correcting in mass-storage devices 84825
Szerypo, J. *see* Catford, W.N. 69884
Szerypo, J. *see* Van Duppen, P. 69686
Szeto, H.H. *see* Akay, M. 80387
Szi-Wen Chen, Clarkson, P.M., Qi Fan A robust sequential detection algorithm for cardiac arrhythmia classification 120437
Szigeti, S. *see* Gal, L. 72149
Szigeti, Z. On a matroid defined by ear-decompositions of graphs 92599
Szikora, B. *see* Mojzes, I. 92312
Szilagyi, E. *see* Albers, H. 64739
Szilagyi, E. *see* Khanh, N.Q. 94707
Szipocs, R. *see* Lin Xu 96208
Szipocs, R. *see* Sorokina, I.T. 96179
Szipocs, R. *see* Spielmann, C. 116445
Szipocs, R. *see* Stingl, A. 107189
Szipocs, R. *see* Stingl, A. 116465
Sziranyi, T. Robustness of cellular neural networks in image deblurring and texture segmentation 86328
Szklarz, G.M. *see* Henning, R.E. 107888
Szlufcik, J., Nijs, J., Mertens, R., Van Overstraeten, R. High efficiency crystalline silicon solar cells for industrial application 112416
Szlufcik, J. *see* Nijs, J. 103004
Szmidt, J., Olszyna, A., Sokolowska, A., Mitura, S. In situ doping of DLC films 63242
Szmidt, J. *see* Werbowy, A. 94581
Szmola, E. *see* Koever, A. 69873
Szmulowicz, F. *see* Brown, G.J. 69170
Sznaier, M. *see* Batarseh, I. 61595
Sznaier, M. *see* Rotstein, H. 76904
Sznaier, M. *see* Zi-Qin Wang 70753
Szollosy, J. *see* Vertesy, G. 113585
Szomolanyi, K. *see* Ferrero, U. 98911
Szonyi, T. On cyclic caps in projective spaces 92458
Szoplik, T. *see* Garcia-Martinez, P. 120286
Szoplik, T. *see* Gedziorowski, M. 77190
Szoplik, T. *see* Stepien, P. 65542
Szoplik, T. *see* Stepien, P. 116764
Szostak, S. *see* Nowak, B. 106045
Szostakowski, J., Stajniak, A. Neural least-squares image filter with positive constraints 108600
Szpak, S. *see* Mosier-Boss, P.A. 112207
Szpankowski, W. Combinatorial optimization problems for which almost every algorithm is asymptotically optimal! 72493
Szpankowski, W. *see* Atallah, M. 86745
Szpankowski, W. *see* Louchard, G. 86082
Szplet, R. *see* Kalisz, J. 104586
Szpunar, J.A. *see* Birsan, M. 64380
Szpunar, J.A. *see* Birsan, M. 75109
Szpunar, J.A. *see* Birsan, M. 75126
Szpytko, J., Stupnicki, S., Ghosh, S.K. Integrated measurement and control system of the crane-robot quality operation 112998
Szu, H., Garcia, J. Sensor fusion for wide-area surveillance 101647
Szu, H., Garcia, J., Telfer, B., Raghuveer, M. Super-Haar designs of wavelet transforms 87165
Szu, H., Telfer, B., Garcia, J. Wavelet transforms and neural networks for compression and recognition 76961
Szu, H. *see* Aditya, K. 93399
Szu, H. *see* Garcia, J. 87169
Szu, H. *see* Zhong, S. 97873
Szu, H.H. Review of wavelet transforms for pattern recognitions 97765
Szu, H.H. *see* Aditya, S.-K. 90537
Szu, H.H. *see* DeWitte, J.T., Jr. 86260
Szu, H.H. *see* Raghuveer, M.R. 86265
Szu, H.H. *see* Yao Li 66944
Szu, H.R. *see* Raghuveer, M.R. 86253
Szu-Lin Su, Jen-Yeu Chen Performance analysis of soft handoff in cellular networks 88351
Szu-Lin Su, Shinn-Shyue Shieh Reverse-link power control strategies for CDMA cellular network 99153
Szu-Lin Su *see* Nan-Yang Yen 78594
Szu-Min Lu, Barlow, J.L. Multifrontal computation with the orthogonal factors of sparse matrices 103741
Szulewski, P.A., Maibor, D.S. MIL-STD-498: what's new, and some real lessons learned 70621
Szustakowski, M., Jodlowski, L., Merta, I. Construction and properties of the multielement filters for matching piezoelectric transducer 84751
Szustakowski, M., Jodlowski, L., Merta, I. Multifunctional processors of acousto-optic signal processing 85162
Szustakowski, M. *see* Jodlowski, L. 106893
Szuster, K. *see* Yang, W.Q. 68981
Szwacka, T. *see* Gonzalez, L.R. 114649
Szwarc, V. *see* Desormeaux, L. 93485
Szwarc, V. *see* Djadi, Y. 93473
Szwed, P. *see* Nowakowski, R. 102154
Szybiliski, B. *see* Jirousek, J. 72728
Szygend, S.A. *see* Sungho Kang 73255
Szygenda, S.A. *see* Fehr, E.S. 73254
Szygenda, S.A. *see* Hur, Y. 61551
Szyld, D.B. *see* Choi, H. 103759
Szylowicz, N. *see* Richard, N. 71289
Szymanski, G. *see* Andresen, E. 81469
Szymanski, G. *see* Demski, W. 76342
Szymanski, G. *see* Demski, W. 107751
Szymanski, J., Kowalczyk, A., Campbell, P. Application of feedforward networks to extraction of control knowledge from empirical data 119146
Szymanski, J. *see* Swierkowski, L. 62862
Szymanski, J. *see* Swierkowski, L. 105252
Szymanski, J.J., Amann, J.F., Baker, K., Barlow, D., Black, K., Bolton, R.D., Brooks, M., Carius, S., Chen, Y., Cooper, M.D., Cooper, P.S., Crocker, J., Dzemidzic, M., Fisk, R.J., Flick, J., Foreman, W., Gagliardi, C.A., Haim, D., Hallin, A., Harrison, R., Hart, G., Hoffman, C.M., Hogan, G.E., Hughes, E.B., Hungerford, E.V., III, Johnston, K., Jui, C., Kim, G.J., Knott, J.E., Koetke, D.D., Kroupa, M.A., Kozlowski, T., Lan, K., Lee, D., Liu, F., Manweiler, R., Marshall, R., Mayes, B.W., II, Mischke, R.E., Naivar, F.J., Nefkens, B.M.K., Novak, J., Oothoudt, M.A., Otis, J.N., Phelps, R., Piilonen, L.E., Pillai, C., Pinsky, L., Price, J., Ritter, M.W., Schilling, S., Satnislaus, T.D.S., Stantz, K.M., Stephens, W., Sturrock, J., Tang, L., Tippens, B., Tribble, R.E., Tu, X.-L., van Ausdeln, L.A., vonWitsch, W., Whitehouse, D., Wilkinson, C., Wright, B., Wright, S.C., Zhang, Y., Zhou, W., Zhou, X.-G., Ziock, K.O.H. MEGA: a search for the decay $\mu \to e\gamma$ 110589
Szymanski, J.J. *see* Chen, Y.K. 69865
Szymanski, T. A photonic backplane architecture for broadband switching 99028
Szymanski, T.H. *see* Hinton, H.S. 72304
Szymanski, Z. Energy saving drives with microprocessor controllers of electric mining locomotives 112532
Szymkowiak, A. *see* Collura, J. 99320

Szymkowiak, A.E. *see* Gaidis, M.C. 69890
Szyper, M. *see* Gajda, J. 109968
Szyper, M. *see* Sroka, R. 110145

't Hart, B.W., Janssen, G.J.M. Performance of quasi-coherent signal combining in case of co-channel interference for microwave indoor communication systems 78356
't Hout, S.R.in *see* in 't Hout, S.R.
T. Hwang Soon *see* Soon T. Hwang
T. Kim Yong *see* Yong T. Kim
T. Park Jong *see* Jong T. Park
Ta, L. *see* Zhao, B. 84213
Ta Luan *see* Luan Ta
Ta-Chang Fu, Bogy, D.B. Readback signal decrease due to dynamic load head-disk contacts 75213
Ta-Chang Fu, Bogy, D.B. Dynamic load head-disk interface durability of 50 percent sliders and polished disks 115752
Ta-Chung Wu, Vassilovski, D., Cutrer, D.M., Kan, S.C., Lau, K.Y. Spontaneous emission measurements for resolving damping mechanisms in direct modulation of quantum well lasers 96324
Ta-Chung Wu *see* Georges, J.B. 99582
Ta-Chung Wu *see* Yeung, S.P. 78824
Ta-Chung Wu *see* Yeung, S.P. 119150
Ta-Hsin Li, Gibson, J.D. Speech analysis and segmentation by parametric filtering 66590
Ta-Hsin Li, Gibson, J.D. Distortion measures via parametric filtering 66732
Ta-Hsun Yeh *see* Kow-Ming Chang 72880
Ta-Hsun Yeh *see* Kow-Ming Chang 104124
Ta-Hsun Yeh *see* Kow-Ming Chang 105653
Ta-Ming Fang *see* Hoton How 62806
Ta-Wei Kao *see* Mamishev, A.V. 70911
Taagehoj, J.F. *see* Andersen, C. 80280
Taaghol, A., Sarkar, T.K. Near-field to near/far-field transformation for arbitrary near-field geometry, utilizing an equivalent magnetic current 108005
Taaghol, P., Tafazolli, R., Evans, B.G. Statistical upper bounds and performance evaluation of packet reservation-based multiple access protocols in cellular communications systems 88338
Taam, W. *see* Collica, R.S. 74798
Ta'asan, S. *see* Bogdan Manolache, F. 116962
Taatjes, C.A. *see* Powers, P.E. 110431
Tabandeh, M. *see* Mahdavi, J. 121736
Tabara, D., Ianoz, M., Krummen, B. Computer modelling of metalclad switchgear: calculation of very fast transient overvoltages with the aid of the EMTP computer program 91676
Tabara, M. *see* Kamiya, I. 119162
Tabara, S. Notch profile defect in aluminum alloy etching using high-density plasma 74555
Tabara, S. A new etching method for reducing the electron shading damage using ICP etcher 105637
Tabarelli de Fatis, P. *see* Agosteo, S. 69583
Tabarelli de Fatis, T. *see* Bell, W. 120174
Tabarellide Fatis, T. *see* Calvi, M. 106964
Tabares, L.Garcia *see* Garcia Tabares, L.
Tabaru, K. *see* Siozawa, K. 74559
Tabasky, M. *see* Haugsjaa, P. 72296
Tabasky, M.J. *see* Yap, D. 85344
Tabat, M. *see* Tayebati, P. 95274
Tabat, M.D. *see* Greer, J.A. 82765
Tabat, R. *see* Trivedi, D. 75016
Tabata, A. *see* Makihara, Y. 90786
Tabata, A. *see* Sacilotti, M. 94476
Tabata, H. *see* Hayamizu, S. 92814
Tabata, H. *see* Hontsu, S. 84908
Tabata, H. *see* Nakagawara, O. 84674
Tabata, K. *see* Asou, S. 91623
Tabata, N. A novel ozone generator converting O into O$_3$ at outside of electric discharge space 114496
Tabata, O. PH-controlled TMAH etchants for silicon micromachining 84125
Tabata, O., Shimaoka, K. Sensitivity analysis of a micro pressure sensor having thin film diaphragm 99949
Tabata, O., Tsuchiya, T. Poisson's ratio evaluation of LPCVD silicon nitride film [for MEMS] 113561
Tabata, S. *see* Shinkoda, H. 119508
Tabatabaei, N.M., Jadid, S. Power system RCD observability based on PROLOG 101708
Tabatabai, A. *see* Horne, C. 67452
Tabatabai, A. *see* Van Dusen, C.H. 119414
Tabatabayee, N.M. *see* Kenarangui, R. 101761
Tabbal, M., Merel, P., Moisa, S., Chaker, M., Ricard, A., Moisan, M. X-ray photoelectron spectroscopy of carbon nitride films deposited by graphite laser ablation in a nitrogen postdischarge 104144
Tabbara, W. *see* Lefebvre, J. 107877
Tabbara, W. *see* Roussel, H. 66007
Tabe, M., Takahashi, Y., Murase, K. Fabrication and electrical characteristics of silicon quantum dot devices 95084
Tabe, M., Yamamoto, T. Nanometer-scale local oxidation of silicon using silicon nitride islands formed in the early stages of nitridation 114942
Tabe, M. *see* Ono, Y. 114836
Tabei, M., Musicus, B.R. A simple estimator for frequency and decay rate 76979
Tabei, M. *see* Lawu, T. 90855
Taber, A.H. *see* O'Gorman, T.J. 73332
Taber, A.H. *see* Ziegler, J.F. 72394
Taber, D. *see* Eblen, J.P., Jr. 90703
Taberner, A. *see* Vicente, L.M. 70019
Taberner, A.M. *see* Barreto, A.B. 70123
Taberner, A.M. *see* Barreto, A.B. 101400
Taberner, A.M. *see* Vicente, L.M. 101077
Taberner, T. Protocol conversion? It's a gas! [British Gas control and monitoring] 88945
Tabet, N., Monty, C.J.A. Injection level and temperature dependence of the recombination activity of grain boundaries in germanium 94225
Tabiani, M. *see* Ghazanfarian, A.A. 98949
Tabib-Azar, M. *see* Dryfuse, M.W. 95006
Tabib-Azar, M. *see* Mawardi, O.K. 95779
Tabib-Azar, M. *see* Wu, M.-J.J. 64789
Tabiryan, N.V., Tschudi, T. Multiwave-interference phenomena for display applications 89420
Tabiryan, N.V., Zel'dovich, B.Ya., Kreuzer, M., Vogeler, T., Tschudi, T. Higher-dimensionality caustics owing to competing reorientation of a liquid crystal by laser beams 96629
Taboada, J.A. *see* Carollo, A. 101409
Tabor, M. *see* Jongen, Y. 101424
Tabors, R.D. Lessons from the UK and Norway 101839
Taboryski, R., Clausen, T., Bindslev Hansen, J., Skov, J.L., Kutchinsky, J., Sorensen, C.B., Lindelof, P.E. Andreev reflections at interfaces between δ-doped GaAs and superconducting Al films 94564
Taboryski, R. *see* Hansen, L.T. 105262
Tabosa, J.W.R., Vianna, S.S., de Oliveira, F.A.M. Optical phase conjugation and nonlinear spectroscopy in cold cesium atoms using a noncyclic transition 96742
Tabourier, P. *see* Bibey, M.B. 96296
Tabrakian, J., Messer, H. Source localization in a waveguide using polynomial rooting 97717
Tabrizi, K. *see* Maher, M.H. 100056
Tabrizi, N., Liebelt, M.J., Eshraghian, K. Delay hazards in complex gate based speed independent VLSI circuits 93300
Tabtieng, T. *see* Sayah, J.Y. 113638
Tabuchi, H., Miyoshi, T., Ichibashi, H., Ohno, K. Computerized tomography with radial basis functions network: a neuro-fuzzy approach 70440
Tabuchi, K. *see* Ichikawa, Y. 102990
Tabuchi, M., Yamada, N., Fujibayashi, K., Takeda, Y., Kamei, H. Group-V atoms exchange due to exposure of InP surface to AsH$_3$(+PH$_3$) revealed by X-ray CTR scattering 61203
Tabuchi, M., Yamada, N., Ichiki, S., Takeda, Y. As desorption from InGaAs monolayer during PH$_3$-purge in OMVPE growth of InP/InGaAs(1 ML)/InP heterostructures measured by X-ray CTR scattering 103909
Tabun, E. *see* Mazur, J. 62181
Tabus, I., Petrescu, D., Gabbouj, M. A training framework for stack and Boolean filtering–fast optimal design procedures and robustness case study 77253
Tacano, M. Growth of InAlAs/InGaAs heterostructure and its 1/f noise characteristics 106065
Taccetti, J.M., Jackson, R.H., Freund, H.P., Pershing, D.E., Blank, M., Granatstein, V.L. A CHI wiggler ubitron amplifier experiment: wiggler characterization 107374
Taccetti, J.M., Jackson, R.H., Freund, H.P., Pershing, D.E., Blank, M., Granatstein, V.L. The NRL Ka-band CHI wiggler ubitron amplifier 114521
Taccetti, J.M. *see* Blank, M. 96502
Taccetti, J.M. *see* Blank, M. 107362
Taccetti, J.M. *see* Jackson, R.H. 65380
Taccetti, J.M. *see* Jackson, R.H. 114503
Taccetti, J.M. *see* Pershing, D.E. 94199
Taccetti, N. *see* Chiari, M. 100806
Taccheo, S., Laporta, P., Svelto, C. Widely tunable single-frequency erbium-ytterbium phosphate glass laser 65125
Tacconi, G., Regazzoni, C.S., Tesei, A. Quality assessment for signal detection in underwater acoustics applications 108271
Tacer, B., Loughlin, P. Time-scale energy density functions 66834
Tacer, B. *see* Loughlin, P.J. 117304
Tacetti, J.M. *see* Jackson, R.H. 96516
Tachafine, A., Belquin, J.M., Rolland, P.A., Delage, S., Chartier, E., Blanck, H. Optimisation of GaInP/GaAs HBT structures for high power operation at X-band and extraction of non linear electrical circuits for CAD 62293
Tache, O. *see* Krivine, J.-P. 102098
TaChen Liang *see* Gupta, S.S. 92443
Tachi, S. *see* Oyama, E. 98164
Tachi, T. *see* Terada, N. 99773
Tachibana, H., Oshita, S., Maeda, J., Mutsuura, K. Boldfacedness of an image and the applicability of a spread spectrum image encryption scheme 97460
Tachibana, K., Nakashima, H., Nishiyama, H., Alzawa, M., Eguchi, K., Arai, H. Development of tubular type SOFC by wet process (2) 81769
Tachibana, K. *see* Shirafuji, T. 61382
Tachibana, S. *see* Higuchi, H. 93355
Tachibana, S. *see* Tajima, T. 100491
Tachibana, T., Shirakawa, M. Solid state memory application systems 119359
Tachibana, T., Totsujia, H. Characteristics of a quantum waveguide: Effects of finite confinement potential and geometrical deformations and comparison with simple theoretical approach 62947
Tachibana, T. *see* Nakamura, M. 104543
Tachibana, Y., Maniwa, H., Kameda, H., Kondo, M. An optimal design of differentiators by recursive narrowband filters 83214
Tachibana, Y. *see* Kondo, M. 78971
Tachibana, Y. *see* Nomoto, K. 68754
Tachikawa, H. *see* Taniguchi, K. 109235
Tachikawa, K. *see* Kasahara, H. 95399
Tachikawa, K. *see* Kuroda, T. 79547
Tachikawa, K. *see* Sugimoto, M. 121179
Tachikawa, M., Evenson, K.M. Sequential optical pumping of a far-infrared ammonia laser 96114
Tachikawa, M., Evenson, K.M., Zink, L.R., Maki, A.G. Frequency measurements of 9- and 10-μm N$_2$O laser transitions 116295
Tachikawa, M. *see* Mori, H. 62754
Tachikawa, M. *see* Shimizu, T. 96112
Tachikawa, M. *see* Yamada, T. 96403
Tachikawa, N. *see* Piec, Z. 106721
Tachikawa, T., Takizawa, M. Communication protocol for group of distributed objects 87445
Tachikawa, T. *see* Jongen, Y. 101424
Tachikawa, Y. Optical signal processing in a loop-back type array waveguide grating multiplexer: amplification, modulation, and demodulation 109644
Tachikawa, Y., Inoue, Y., Ishii, M., Nozawa, T. Arrayed-waveguide grating multiplexer with loop-back optical paths and its applications 78881
Tachiki, M., Yamamuro, K., Kobayashi, T. Optical characterization of Sr$_{m-3}$Bi$_4$Ti$_m$O$_{3m+3}$ (m=4, 5, 6) thin films grown by pulsed laser deposition method 75035
Tachiki, M. *see* Tomohisa, S. 113423
Tachiki, M. *see* Yamashita, T. 106686
Tachiki, M.L. *see* Chu, P.B. 84632
Tachikura, M., Kobayashi, H., Katagiri, T., Uruno, S. Miniaturization of 100×100 opto-mechanical matrix switch 99036
Tachimura, K. *see* Morimoto, H. 95604
Tachiya, M. *see* Kamata, T. 76225
Tacik, R. *see* Smith, G.R. 120229
Tacito, R.D., Steinbruchel, C. Fine-line patterning of parylene-n by reactive ion etching for application as on interlayer dielectric 72971
Tacito, R.D., Steinbruchel, C. Patterning of benzacyclobutene by reactive ion etching 115040
Tack Ko Sung *see* Sung Tack Ko
Tack-Gun Song *see* Hoon-Soo Park 82937
Tacke, M. *see* Kastner, J.F. 96318
Taconet, O. *see* Olioso, A. 111339
Taconet, O. *see* Zribil, M. 120706
Tada, A. *see* Sekita, H. 65018
Tada, E. *see* Oka, K. 102400
Tada, H., Harada, K., Shima, A., Yamamura, S., Kato, M., Motoda, T., Nagai, Y., Nagahama, K., Otsubo, K., Aiga, M. The study on highly reliable 685 nm 50 mW visible lasers with Zn-diffused windows 96250
Tada, H., Kawakami, K., Aoki, T. Water quality standards for protection of the living environment and water quality measuring and control technology 69560
Tada, H. *see* Yanagi, H. 113337
Tada, J. *see* Hayakawa, Y. 120552
Tada, K., Harada, H., Yoshino, K. Polymeric bipolar thin-film transistor utilizing conducting polymer containing electron transport dye 94916
Tada, K., Sato, M., Fujioka, H., Kanegae, H. Generation mechanism of initial delamination on pop corn phenomena of SMDs 82214
Tada, K. *see* Hasegawa, T. 91105
Tada, K. *see* Kato, M. 64809
Tada, K. *see* Sudoh, T.K. 116553
Tada, K. *see* Sudoh, T.K. 116554
Tada, K. *see* Tanaka, T. 89387
Tada, K. *see* Yoshino, K. 82776
Tada, K. *see* Yoshino, K. 106650
Tada, M., Hanada, K. Development and mass-production of ultra-miniature KH relay 62423
Tada, M., Kasa, N., Watanabe, H. A detecting method of starting position angle for salient-pole brushless DC motors 121507
Tada, S. *see* Yamaguchi, K. 114909
Tada, T., Yoshimura, R. Theoretical studies on hydroxylation mechanism of H-terminated Si surface in aqueous solutions 114953
Tada, T. *see* Asai, K. 104668
Tada, T. *see* Miyai, K. 81710
Tada, Y., Kobayashi, Y., Yamabayashi, Y., Matsuoka, S., Hagimoto, K. OA&M framework for multiwavelength photonic transport networks 78732
Tada, Y., Okamoto, H., Kurita, A., Sekine, Y. A method of reactive power compensation arrangement to maintain voltage stability 111536
Tada, Y. *see* Kobayashi, N. 101690
Tada, Y. *see* Sano, A. 78876
Tadaki, Y. *see* Nakamura, M. 104543
Tadaki, Y. *see* Ogasawara, M. 61879
Tadakuma, A. *see* Toyama, J. 89410
Tadakuma, S., Tanaka, S., Miura, K., Ofosu-Amaah, W. Improved PWM control for GTO inverters with pulse number modulation 71542

Tadakuma, S., Tanaka, S., Naitoh, H., Shimane, K. Improvement of robustness of vector controlled induction motors using feedforward and feedback control 71297
Tadano, H. *see* Fujita, M. 112606
Tadano, H. *see* Ishihara, T. 62580
Tadano, H. *see* Yamada, N. 105514
Tadano, M. *see* Nakamura, N. 100620
Tadanori Mizuno *see* Ken Ohta 78229
Taday, P.F. *see* Cain, N. 74380
Taday, P.F. *see* Matousek, P. 76178
Taddio, G., Fuhrer, M. Proof of conformity with EMC regulations 97172
Tadeusiak, Z. Digital multiplexer exploitation features 88037
Tadevosyn, V. *see* Amatuni, T. 83778
Tadikonda, S.K. *see* Sonka, M. 101187
Tadikonda, S.S.K., Singh, R.P., Stornelli, S. Multibody dynamics incorporating deployment of flexible structures 70309
Tadjeddine, A. *see* Ortega, J.M. 107394
Tadjeddine, A. *see* Peremans, A. 76201
Tadjeddine, A. *see* Peremans, A. 107401
Tadjiky, S., Jansen, R.H. (M)MIC analysis using a hierarchy of simulation tools controlled by layout pattern recognition and expert knowledge 83505
Tadjudin, S., Landgrebe, D.A. A decision tree classifier design for high-dimensional data with limited training samples 111145
Tadokoro, H. *see* Utsumi, H. 73026
Tadokoro, M., Yamamoto, T., Shoji, Y., Hasegawa, T., Yamaji, K., Irokawa, H. Numerical investigation of the effect of valve reactor design on thyristor stress in a HVDC thyristor valve 121753
Tadokoro, M. *see* Hiramoto, K. 79909
Tadokoro, N. *see* Takahashi, K. 110304
Tadokoro, S., Murakami, T., Fuji, S., Kanno, R., Hattori, M., Takamori, T., Oguro, K. An elliptic friction drive element using an ICPF (ionic conducting polymer gel film) actuator 81504
Tadokoro, T. *see* Mitsui, T. 105183
Tadokoro, T. *see* Ohiso, Y. 96279
Tadokoro, T. *see* Takenouchi, H. 107241
Tadokoro, Y. *see* Huang, L. 81442
Tadokoro, Y. *see* Kawahito, S. 110119
Tadokoro, Y. *see* Nakamura, K. 110953
Tadokoro, Y. *see* Yamamoto, N. 87010
Tadokoro, Y. *see* Yegui Xiao 108358
Tadros, S. *see* Medina, A. 105795
Tadyszak, P., Danneville, F., Cappy, A., Reggiani, L., Varani, L., Rota, L. Monte Carlo calculations of hot-carrier noise under degenerate conditions 105110
Tadzhiev, U.A. *see* Zakhidov, R.A. 81360
Tadzhiev, U.A. *see* Zakhidov, R.A. 102528
Tae Ahn Byung *see* Byung Tae Ahn
Tae Ahn Sung *see* Sung Tae Ahn
Tae Baek Jong *see* Jong Tae Baek
Tae Chun Byung *see* Byung Tae Chun
Tae Eun Kim *see* Ho Keun Song 98236
Tae Eun Kim *see* Woo Sang Jung 98239
Tae Geun Kim, Eun Kyu Kim, Suk-Ki Min, Jung-Ho Park Improvement of carrier capture efficiency of short-period GaAs/AlGaAs quantum wire array by a new lithography method 94520
Tae Gue Kim, Dong Ho Cho Comparative study of the multimedia synchronization protocols 78187
Tae Gyu Kim, Kyo Seob Cho, Byung Chul Park Development of a service node for multiparty multimedia services on the ISDN 67867
Tae Han Seog *see* Seog Tae Han
Tae Han Young *see* Young Tae Han
Tae Heung-Sik *see* Heung-Sik Tae
Tae Hoon Roh *see* Yung Hyun Moon 111530
Tae Ihm Jong *see* Jong Tae Ihm
Tae Il Kim *see* Ki Ryeung Kim 88267
Tae Il Jeong *see* Jae Ho Jeong 78223
Tae Jo Ko, Dong Woo Cho Adaptive modelling of the milling process and application of a neural network for tool wear monitoring 117365
Tae Kim Yong *see* Yong Tae Kim
Tae Kim Young *see* Young Tae Kim
Tae Kuk Ko *see* Minseok Joo 91229
Tae Kuk Ko *see* Sang-Jin Lee 91184
Tae Kyun Im *see* Hyeon Soo Kim 61192
Tae Kyung Chung, Suk Ki Kim, Song-Yop Hahn Optimal pole shape design for the reduction of cogging torque of brushless DC motor using evolution strategy 111998
Tae Lee Gyo *see* Gyo Tae Lee
Tae Lee Hee *see* Hee Tae Lee
Tae Lee Hyeun *see* Hyeun Tae Lee
Tae Lee Sang *see* Sang Tae Lee
Tae Park Gwi *see* Gwi Tae Park
Tae Park Kyu *see* Kyu Tae Park
Tae Park Young *see* Young Tae Park
Tae Shin Sung *see* Sung Tae Shin
Tae Song Joon *see* Joon Tae Song
Tae Sung Kim *see* Seog Tae Han 93732
Tae Ung Kim, Lowe, T.J., Tamir, A., Ward, J.E. On the location of a tree-shaped facility 113154
Tae Won Kang *see* Myung Soo Han 92749
Tae Won Kang *see* Myung Soo Han 104014
Tae Won Kim *see* Il Hong suh 86784
Tae Yeoul Yun *see* Moon Soo Park 68352
Tae Young Choi *see* Han Gyoon Kim 98238
Tae Young Choi *see* Hyung Uk Kwon 109335
Tae Young Choi *see* Ju Gyung Kim 77387
Tae Young Choi *see* Sangsin Na 76928
Tae Young Choi *see* Seong Keun Oh 109336
Tae-Eun Kim *see* Mal-Rey Lee 81287
Tae-Geun Kim, Jung-Ho Park, Yong Kim, Seong-Il Kim, Chang-Sik Son, Moo-Sung Kim, Eun Kyu Kim, Suk-Ki Min Effective carrier confinement of a short-period GaAs/AlGaAs quantum wire array 105314
Tae-Geun Kim *see* Chang-Sik Son 83862
Tae-Goo Choy *see* Tae-Hong Kim 61442
Tae-Goo Lee *see* Hee-Doo Kwon 84745
Tae-Gyoo Lee *see* Uk-Youl Huh 71278
Tae-Gyoung Jung *see* Dong-Joon Sim 102677
Tae-Hong Kim, Jung-Rae Park, Suk-Jin Lee, Hee-Kyung Sung, Sang-Seek Lee, Tae-Goo Choy Effects of Nd_2O_3 and TiO_2 addition on the microstructures and microwave dielectric properties of BaO-Nd_2O_3-TiO_2 system 61442
Tae-Hoon Roh *see* Young-Hyun Moon 101727
Tae-Hyun Kim, Joong-Hyun Baek, Seol, S.H., Kim, J.J., Kim, Y.S., Sun, Y.B., Oh, S.Y. Thermal characterization of a 3-dimensional memory module 103439
Tae-Hyun Kim *see* Jang-Cheol Seo 80916
Tae-Hyun Sung *see* Kwangsoo No 75036
Tae-Hyung Ihn *see* Seok-Woon Lee 83870
Tae-Hyung Ihn *see* Seok-Woon Lee 94970
Tae-Il Kim *see* Ki-Ryeung Kimo 78143
Tae-Il Kim *see* Moon-Deock Kim 85487
Tae-Je Cho *see* Seung-Ho Ahn 115017
Tae-Keun Park, Cheeha Kim, Hong, J.W. Design of run-time configuration manager for a multimedia network environment 98887
Tae-Kuk Ko *see* Sang-Jin Lee 81156
Tae-Kuk Ko *see* Sang-Jin Lee 106716
Tae-Kuk Ko *see* Yun-Sang Oh 75371
Tae-Kyun Kim *see* Jong-Hyeong Lee 88867
Tae-Kyung Park *see* Moohee Lee 83274
Tae-Soo Yim *see* Sang-Ho Lee 114080
Tae-Sung Jung, Young-Joon Choi, Kang-Deog Suh, Byung-Hoon Suh, Jin-Ki Kim, Young-Ho Lim, Yong-Nam Koh, Jong-Wook Park, Ki-Jong Lee, Jung-Hoon Park, Kee-Tae Park, Jang-Rae Kim, Jeong-Hyong Lee, Hyung-Kyu Lim A 3.3 V 128 Mb multi-level NAND flash memory for mass storage applications 73344
Tae-Whan Yoo *see* Jae-Ho Song 99533
Tae-Won Chun, Hyek-Jae Yu Control of induction motors with high efficiency and high dynamic performance driving electric vehicles 103127
Tae-Won Chun, Meong-Kyu Choi Development of adaptive hysteresis band current control strategy of PWM inverter with constant switching frequency 71745
Tae-Won Kwon *see* Chul-Hwan Kim 81079
Tae-won Kwon *see* Kyung-Sun Choi 102480
Tae-Woo Lee, Gi-Won Lee, Joo-Hyun Cho, Yung-Joon Hah, Sin Kie Poon Loose parts signal analysis using on-line monitoring system (NIMS) at YGN 3&4 plant 91291
Tae-Woong Kim, Kawamura, A. Sensorless slip frequency estimation of induction motor in the very low speed region 91502
Tae-Woong Kim, Kawamura, A. Slip frequency estimation for sensorless low speed control of induction motor 91517
Tae-Yeon Seong *see* Sung Won Jun 74428
Tae-Young Lee *see* Yong-Wan Park 118899
Tae-Young Ma *see* Ki-Cheol Park 105157
Ta'eed, O. Getting past big brother–transforming CCTV into MIS 119490
Taegen, F., Kolbe, J. The air gap field of polyphase AC machines with magnetic slot wedges 121419
Taehee Cho, Hyungsuk Kim, Youngse Kwon, Songcheol Hong Theoretical comparison of (111) and (100) GaAs/AlGaAs p-type quantum well infrared photodetectors 69157
Taehyoung Zyung, Wol-Yon Hwang, Jang-Joo Kim Photostability of nonlinear optical copolymer under irradiation with infrared light 76161
Taehyoung Zyung *see* Jang-Joo Kim 75549
Taehyoung Zyung *see* Wol-Yon Hwang 64813
Taehyun Jeon *see* Jaekyun Moon 75271
Taejoo Chang *see* Seong Ro Lee 117338
Taejoo Chang *see* Youngkwon Ryu 78407
Taejung Kim, Muller, J.-P. Automated urban area building extraction from high resolution stereo imagery 77213
Taek Jeoung Yong *see* Yong Taek Jeoung
Taek Jung Kyeong *see* Kyeong Taek Jung
Taek Kim Ji *see* Ji Taek Kim
Taek Lee Byoung *see* Byoung Taek Lee
Taek Lim Hyo *see* Hyo Taek Lim
Taek Sang Han *see* Min Gi Kwak 85292
Taek Sang Han *see* Nyung Kun Kim 85288
Taek Seung Lee, Soo Young Park, Dong Hoon Choi, Nakjoong Kim Self-crosslinkable side-chain nonlinear optical copolymer 76163
Taek Seung Lee *see* Dong Hoon Choi 85641
Taek Yoon Ji *see* Ji Taek Yoon
Taek-Beom Koh, Sang-Yeob Cha, Jung-Shik Yu, Kwang-Bang Woo, Dae-Sik Mun, Kyuh-Wan Guak, Jeong-Gon Kim, Seung-Ho Chang Modeling and optimal control input tracking using neural network and genetic algorithm in plasma etching process 74565
Taek-Kyung Lee, Se-Yun Kim, Jung-Woong Ra Attenuation pattern of the electromagnetic fields scattered by two empty circular cylinders in a dielectric medium 97064
Taek-Soo Kim *see* Don-Ha Hwang 81390
Taekoo Lee *see* Ilgyu Jung 104967
Taekyong Nam *see* Misoon Kim 118521
Taekyoung Kwon *see* Myeongho Kang 109185
Taemoon Roh *see* Joonwoo Lee 94925
Taenaka, R.K. *see* Dagarin, B.P. 80571
Taenaka, R.K. *see* Hofland, L.M. 80572
Taenaka, Y. *see* Mojtahedi, H.A. 120514
Taewhan Kim, Liu, C.L. An integrated algorithm for incremental data path synthesis 104419
Taewon Jung Design of a 570 MHz current feedback amplifier on bonded wafer technology 104371
Taewoon Kang *see* Youngmi Kwon 77884
Taeyoun Won *see* Sangho Yoon 106167
Tafazolli, R. *see* Agius, A.A. 88175
Tafazolli, R. *see* Apostolas, C. 87852
Tafazolli, R. *see* Aziz, H.M. 88797
Tafazolli, R. *see* He, X. 88184
Tafazolli, R. *see* Taaghol, P. 88338
Tafazolli, R. *see* Xiaoping He 109490
Tafazolli, R. *see* Zhao, W. 88181
Taferner, W.T., Bensaoula, A., Kim, E., Bousetta, A. Investigation of GaN deposition on Si, Al_2O_3, and GaAs using in situ mass spectroscopy of recoiled ions and reflection high-energy electron diffraction 82696
Taferner, W.T., Bensaoula, A., Kim, E., Bousetta, A. The investigation of GaN growth on silicon and sapphire using in-situ time-of-flight low energy ion scattering and RHEED 103880
Taferner, W.T. *see* Bensaoula, A. 105632
Taflove, A. Advances in finite-difference time-domain methods for engineering electromagnetics 97073
Taflove, A. *see* Hagness, S.C. 96391
Tafoya, C.J. *see* Voigt, J.A. 112284
Tafreshi, M.J., Balakrishnan, K., Dhanasekaran, R. Growth, electrical conductivity and microindentation studies of $CuInS_2$ single crystals 74295
Taft, G. *see* Backus, S. 65134
Taft, G. *see* Rundquist, A. 96600
Taft, G. *see* Yankelevich, D.R. 119908
Tafti, H.A. *see* Farokhrooz, F.N. 88501
Tafti, H.A. *see* Farokhrooz, F.N. 119152
Tafti, M.Fallah *see* Fallah Tafti, M.
Tafuri, M. *see* Branca, A. 117880
Tag-Dong Lee *see* Gwan-Soo Park 95379
Taga, F., Shimotahira, H. Proposal of the fast kernel MUSIC algorithm 117460
Taga, F. *see* Shimotahira, H. 117459
Taga, H. Long distance transmission experiments using the WDM technology 78912
Taga, H. *see* Goto, K. 68396
Taga, N., Odaka, H., Shigesato, Y., Yasui, I., Kamei, M., Haynes, T.E. Electrical properties of heteroepitaxial grown tin-doped indium oxide films 94374
Taga, T. *see* Akimoto, M. 108081
Taga, T. *see* Furuno, T. 116896
Taga, Y. *see* Kodama, M. 113387
Taga, Y. *see* Tokito, S. 64967
Taga, Y. *see* Tokito, S. 96010
Tagami, E. Apparatus of photofabrication 74638
Tagami, S. *see* Muchi, T. 83718
Tagami, S. *see* Sumida, H. 95005
Tagami, S. *see* Sumida, H. 105902
Tagami, T. *see* Suma, S. 104659
Taganov, O.K. *see* Gankin, E.A. 106737
Tagantsev, A.K. *see* Glazounov, A.E. 64096
Tagantsev, A.K. *see* Kholkin, A.L. 64072
Tagare, M.V., Chin, T.P., Woodall, J.M. Nonalloyed ohmic contacts to heavily Be-doped GaP and $In_xGa_{1-x}P$ 74469
Tagare, M.V., Chin, T.P., Woodall, J.M. Heavy Be doping of GaP and $In_xGa_{1-x}P$ 84104
Tagare, N. The future of private submarine cable: new cables and economic opportunity 88065
Tagashira, H. *see* Aska Juste, K. 64058
Tagashira, H. *see* Yamada, N. 63282
Tagashira, H. *see* Yamada, N. 63404
Tagashira, N. *see* Sugiura, M. 118381
Tagawa, A. *see* Koden, M. 95869
Tagawa, H. *see* Endo, A. 81810
Tagawa, H. *see* Mizusaki, J. 81794
Tagawa, H. *see* Yamamura, T. 81826
Tagawa, H. *see* Dokiya, M. *(editor)* 72057
Tagawa, I., Takeo, A., Nakamura, Y. Numerical analysis of noise and interparticle interaction in perpendicular magnetic recording media 106547
Tagawa, I. *see* Nakamura, Y. 84836
Tagawa, N., Hishikawa, T., Kawada, Y., Sanada, Y., Haruyama, H., Fukuda, J.-I. 3.5-inch 1-inch height 2/4 GB hard disk drive 115701
Tagawa, N. *see* Shikano, K. 82792
Tager, A.A. *see* Routkevitch, D. 105392
Tager, A.S. Longitudinal electron transport in non regular electron waveguides for future ultra fast nanoelectronic devices 84501
Tager, A.S. *see* Vashchenko, V.A. 74761
Tager, A.S. *see* Vashchenko, V.A. 95066
Tager, A.S. *see* Vashchenko, V.A. 115251
Tagesson, M. *see* Ljunggren, K. 101257
Taghelit, M. *see* Zouari, B. 87434
Taghizadeh, M.R., Desmulliez, M.P.Y., Foulk, P.W. Optical clock distribution for multichip module 85337
Taghizadeh, M.R. *see* Bett, T.H. 85419
Taghizadeh, M.R. *see* Boisset, G.C. 72309
Taghizadeh, M.R. *see* Plant, D.V. 85326
Taghizadeh, M.R. *see* Walker, A.C. 85336

Tagina, M., Cassar, J.P., Dauphin-Tanguy, G., Staroswiecki, M. Bond graph models for direct generation of formal fault detection systems 72335
Tagle, P.U., Sharma, N.K. Reliability analysis of fault-tolerant switching networks for B-ISDN 109154
Tagliaferri, R. *see* Brescia, M. 120705
Tagliaferri, R. *see* D'Argenio, B. 120655
Tagliarini, G., Page, E., Karlsen, R., Gerhart, G. Genetic algorithms for adaptive wavelet design 87162
Tagliarini, G.A. *see* Johnson, C.M. 86261
Tagliasco, V. *see* Beltrame, F. 90255
Tago, A. *see* Asami, S. 98770
Tago, A. *see* Mino, M. 61613
Tago, K. *see* Negishi, Y. 87930
Tago, M. *see* Nakamura, H. 62510
Tago, T. *see* Nakagawa, T. 86871
Tagtstrom, P. *see* Lundberg, N. 63570
Tagtstrom, P. *see* Lundberg, N. 105882
Taguchi, A., Kutsuwada, M. Rotation invariant texture classification by using pattern spectra 67054
Taguchi, A., Negishi, H. Data-dependent Ll-filters for image processing 117836
Taguchi, A., Takahei, K. Trap level characteristics of rare-earth luminescence centers in III-V semiconductors 64915
Taguchi, A. *see* Aberegg, K.R. 116852
Taguchi, A. *see* Izawa, N. 114084
Taguchi, A. *see* Kimura, T. 117306
Taguchi, A. *see* Meguro, M. 67053
Taguchi, A. *see* Meguro, M. 114103
Taguchi, A. *see* Mochiki, K. 108564
Taguchi, A. *see* Takenaka, N. 110446
Taguchi, H. *see* Nishio, H. 106626
Taguchi, H. *see* Tanaka, K. 99783
Taguchi, J. Recent development of angiography in medicine: magnetic resonance angiography 90312
Taguchi, J., Sano, K. Development of a simultaneous multislice excitation method using one channel modulation methods in magnetic resonance imaging 110682
Taguchi, J. *see* Kido, K. 108433
Taguchi, K. *see* Hayashi, M. 64942
Taguchi, K. *see* Makita, K. 85285
Taguchi, K. *see* Nishi, T. 79036
Taguchi, K. *see* Ohashi, T. 99891
Taguchi, K. *see* Oka, K. 102400
Taguchi, K. *see* Satoh, K. 81546
Taguchi, K. *see* Tsuji, M. 72820
Taguchi, K. *see* Tzeng, L.D. 99569
Taguchi, K. *see* Watanabe 78805
Taguchi, K. *see* Watanabe, I. 64940
Taguchi, K. *see* Watanabe, I. 64941
Taguchi, M., Tsutsumi, Y., Bhatt, R.N., Wagner, S. Nanocrystalline silicon–from disordered insulator to dirty metal 94285
Taguchi, M. *see* Ohta, A. 94827
Taguchi, M. *see* Okajima, Y. 93362
Taguchi, M. *see* Takahama, T. 81884
Taguchi, S. *see* Kashiwagi, T. 104894
Taguchi, S. *see* Matsuoka, T. 105945
Taguchi, T., Gen, M., Ida, K. Solving multiobjective nonlinear integer programming problems by genetic algorithms 82458
Taguchi, T. *see* Akiyama, J. 75224
Taguchi, T. *see* Higashi, A. 98413
Taguchi, T. *see* Tsuboi, S. 74657
Taguchi, T. *see* Yamada, Y. 74379
Taguchi, T. *see* Yamada, Y. 83822
Taguchi, T. *see* Yanagisawa, T. 81348
Taguchi, Y., Seki, S.-I., Onishi, K., Eda, K. A new balanced-unbalanced type RF-band SAW filter 84750
Taguchi, Y., Tomisaki, U., Watanabe, K. Printed wiring technology for an ultra-thin portable telephone 88249
Taguchi, Y. *see* Eda, K. 106352
Taguchi, Y. *see* Oka, M. 96698
Tah-Hsiung Chu *see* Kun-Chou Lee 108065
Taha, A. *see* Auckland, D.W. 106370
Taha, H.A., Wolf, H.M. Evaluation of generator maintenance schedules at Entergy Electric System 121064
Taha, M.H., Green, T. Single phase tap-changer using GTOs/thyristors 102780
Taha, M.H., Green, T. Drive circuit for a power GTO with an over current protection 104306
Taha, M.S., Suresh, K. Maximum power point tracking inverter for photovoltaic source pumping applications 112647
Taha, T.E. A simple technique for determining transmission losses in SAW delay lines 84762
Taha, T.E., El-Kordy, M. Analysis of the monolithic SAW memory by using Green`s function 84760
Tahan, C.M.V. *see* Jardini, J.A. 121129
Tahan, C.M.V. *see* Zanetta, L.C., Jr. 111621
Tahan, S.-A. *see* Simo, J.B. 70722
Tahani, A., Salon, S.J., Chari, M.V.K. Combined finite element and Laplace transform method for transient solution of flow-induced fields 85795
Tahar, S., Zijian Zhou, Xiaoyu Song, Cerny, E., Langevin, M. Formal verification of an ATM switch fabric using multiway decision graphs 98380
Tahara, M., Takagi, H., Kishimoto, M. On utilization for the display of the pseudo-views from radar signals 88687
Tahara, M. *see* Kee-Ho Yu 117610
Tahara, N. *see* Kamimura, K. 72876
Tahara, S., Nagasawa, S., Numata, H., Hashimoto, Y., Yorozu, S. Josephson memory technology 115915
Tahara, S. *see* Kumai, H. 95853
Tahata, S., Mizunuma, M., Tsumura, A., Fujimoto, T., Ando, T., Masumi, T. Effects of polymer matrix on electro-optic properties of liquid crystal mixed with polymer 95854
Taher Abuelma'atti, M., Khalaf Al-Ali, A., Ahsan, M. Programmable current-conveyor-based oscillator employing grounded resistors and capacitors 82989
Taher Abuelma'atti, M., Quddus, A. Programmable CF-OTA-based lowpass and bandpass filters 83201
Taher Abuelma'atti, M., Quddus, A. Programmable current-conveyor-based voltage-mode filter with single input and five outputs 83202
Taher Abuelma`atti Muhammad *see* Muhammad Taher Abuelma'atti
Taheri, B. *see* Fischer, A.J. 116706
Taheri, B. *see* Mian, S.M. 65414
Taheri, B. *see* St. John, W.D. 89246
Taheri, B. *see* Song, J.J. 96330
Tahernezadhi, M., Yellapantula, R.V., Manapragada, S.C. A subband AEC coupled with engine noise cancellation 119074
Tahernezhadi, M., Liu, J. A subband-based acoustic echo canceller 109287
Tahernezhadi, M., Sosale, D., Kong, X. A DSP-integrated teleconferencing system using subband approach 98809
Tahiliani, V. *see* Sundaram, A. 70884
Tahkokorpi, M. *see* Olsen, B.T. 78788
Tahkokorpi, M. *see* Olsen, B.T. 98910
Tahoces, P.G. *see* Mendez, A.J. 90410
Tahri, Y. *see* Maigne, P. 92686
Tahui Wang, Chang, T.E., Chiang, L.P., Huang, C. A new technique to extract oxide trap time constants in MOSFET`s 94969
Tahui Wang, Tse-En Chang, Lu-Ping Chiang, Chimoon Huang Field enhanced oxide charge detrapping in n-MOSFET's 95014
Tahvanainen, E. *see* Saari, H. 102283
Tahvanainen, E. *see* Saari, H. 111685
Tahvanainen, J.T. *see* Ahola, H.A. 100445
Tai, A., Sieczka, E., Radler, R., Upatnieks, J. Holographic gunsights for small arms 96839
Tai, A. *see* Liebeherr, J. 87290
Tai, A.M. *see* Marron, J.C. 79537
Tai, B.H. *see* Koh, W.H. 112975
Tai, B.H. *see* Kolawa, E. 114488
Tai, B.H. *see* Weller, T.M. 104870
Tai, C.H. *see* Chen, K. 64508
Tai, C.H. *see* Chen, K. 84925
Tai, H.M. *see* Lin, H.Y. 91553
Tai, K. *see* Cheng, P.-H. 107345
Tai, K. *see* Dromgooole, D. 61652
Tai, K. *see* Hirota, K. 76167
Tai, K. *see* Wick, D.V. 96576
Tai, K.L. *see* Wong, C.P. 118723
Tai, K.L. *see* Zu, L. 94130
Tai, L.-W. *see* Anderson, H.U. 81787
Tai, S.-S. Process conditions affect the TDDB of thin oxide 63870
Tai, Y.-C. *see* Levin, C.S. 101119
Tai, Y.-C. *see* Miller, R.A. 95236
Tai, Y.-H., Su, F.-C., Feng, M.-S., Cheng, H.C. Effects of the rear interface states and fixed charges on the electrical characteristics of thin film transistors with thin amorphous silicon layers 84368
Tai, Y.H., Su, F.C., Chang, W.S., Feng, M.S., Cheng, H.C. Electrical properties of amorphous silicon films with different thicknesses in metal/insulator/semiconductor structures 74286
Tai Chang-Kou *see* Chang-Kou Tai
Tai Chen *see* Chen Tai
Tai Chien *see* Chien Tai
Tai Chieng Yew *see* Yew Tai Chieng
Tai Gwo-Chung *see* Gwo-Chung Tai
Tai Juwei *see* Liu Chengjun 87253
Tai Lee Yong *see* Yong Tai Lee
Tai Peng Wang *see* Yuan Lin Zhang 60712
Tai Seow Woon *see* Winston Sijin Choe 78200
Tai Sing Lee Image representation using 2D Gabor wavelets 117823
Tai Suk Kim, Min Young Chung, Dan Keun Sung, Sengoku, M. A mobility analysis in 3-dimensional PCS environments 109432
Tai Wen-Chih *see* Wen-Chih Tai
Tai Weonpil, Kim Songhee Relationship between cyclic loading and degradation of piezoelectric properties in Pb(Zr,Ti)O_3 ceramics 95273
Tai Woo Kim, Tai Yun Kim Pre-electing a leader in distributed networks 77981
Tai Ya-Hsiang *see* Ya-Hsiang Tai
Tai Yu-Chong *see* Yu-Chong Tai
Tai Yu-Feng *see* Yu-Feng Tai
Tai Yu-Yuan *see* Yu-Yuan Tai
Tai Yun Kim *see* Tai Woo Kim 77981
Tai-Bar Wu *see* Tzu-Feng Tseng 64071
Tai-Bar Wu *see* Tzu-Feng Tseng 113442
Tai-Chan Huo, D. *see* Ito, N. 84237
Tai-Chin Lo *see* Zhang Pengfei 84060
Tai-Haur Kuo *see* Jhy-Rong Chen 104631
Tai-Haur Kuo *see* Kuan-Dar Chen 114066
Tai-Hoon Cho *see* Chang, H.M. 73420
Tai-Jan Yang *see* Soung-Nan Liu 71239
Tai-Ju Chen *see* Ching-Fa Yeh 105969
Tai-Ming Parng *see* Shiang-Tang Huang 61550
Tai-Ping Sun *see* Biing-Der Liu 119676
Tai-Ping Sun *see* Chih-Cheng Hsieh 110218
Tai-Po Chu, Rappaport, S.S. Overlapping coverage with reuse partitioning in microcellular communication systems 99165
Tai-Wu Kao *see* Arnold, G.A. 65851
Tai-Wu Kao *see* Arnold, G.A. 85855
Tai-Yun Kim *see* Yong-Jin Lee 77980
Tai-Yun Kim *see* Young-Il Kang 67791
Taiariol, F. *see* Antolino, A. 61267
Taiariol, F. *see* Cinguino, P. 96430
Taibi, A. *see* Beccherle, R. 80297
Taibi, A. *see* Del Guerra, A. 101315
Taibi, A. *see* Gambaccini, M. 90365
Taibi, A. *see* Gambaccini, M. 90433
Taibor Wu *see* Wu Taibor
Taichin Lo *see* Lo Taichin
TaiChiu Hsung, Lun, D.P.K., Wan-Chi Siu The discrete periodic Radon transform 117592
Taieb, K.H. *see* Siala, M. 66476
Taifan Quan *see* Quan Taifan
Taihui Jiang *see* Jiang Taihui
Taijala, B. *see* Antila, E. 81027
Taike, A., Momose, M., Kawata, M., Gotoh, J., Mochizuki, K. Effect of N-doped ZnTe layers on ZnSe/ZnTe graded superlattices 74396
Tailhades, P. *see* Bouet, L. 64332
Tailhades, P. *see* Bouet, L. 106572
Taillebois, J.P. *see* Sabot, A. 102913
Taillebois, J.P. *see* Sabot, A., Sr. 91689
Taillefer, L. *see* Senoussi, S. 106651
Taima, K. *see* Okino, T. 99752
Taimatsu, H., Kudo, K., Kaneko, H., Matsukaze, N., Iwata, T. Preparation of porous nickel-titania cermets and their application to anode materials 81822
Tain, X. *see* Power, A. 112032
Tain-Lieng Kao, Shi-Wei Lee, Kou-Tan Wu, Yuan-Sun Chu OSS X.25 design for SONET 118512
Tain-Syh Luor *see* Yuan-Yih Hsu 71065
Taina, J., Raatikainen, K. Design issues and experimental database architecture for telecommunications 98584
Taini, M. *see* Parodi, G. 112798
Taipale, D. Implementing the Rivest, Shamir, Adleman cryptographic algorithm on the Motorola 56300 family of digital signal processors 108186
Taira, H. *see* Takagi, H. 81759
Taira, K. *see* Gang Wu 68281
Taira, K. *see* Gang Wu 78522
Taira, R. *see* Ho, B.K.T. 110813
Taira, R.K. *see* Xin Li 109201
Taira, S. *see* Yanagi, H. 81907
Taira, T., Suzudo, T., Kobayashi, T. High power Q-switched and frequency doubled Nd:YVO_4 miniature lasers 96200
Taira, T., Tulloch, W.M., Byer, R.L., Kobayashi, T. Single axial mode operation of resonantly pumped Yb:YAG microchip lasers 116436
Taira, T. *see* Hattori, T. 75739
Taira, Y. *see* Hasegawa, M. 82777
Tairov, Yu.M. Crystal growth of bulk SiC 103816
Tairov, Yu.M. *see* Guseikhanov, M.K. 94592
Taishan Xu *see* Xu Taishan
Tait, B. *see* Maddocks, M.C.D. 119361
Tait, D.J. *see* Larrea-Arrieta, J. 66331
Tait, D.J. *see* Lee, L.H.C. 66332
Tait, G. *see* Paolella, A. 89106
Tait, G.B., Sayles, A.H., Tousley, B.C., Paolella, A., Cooke, P. High-performance GaAs metal-semiconductor-metal photodetectors grown at intermediate temperatures 100013
Tait, G.B. *see* Rauscher, C. 93775
Tait, K.E. *see* Torkamani-Azar, F. 117849
Tait, R. *see* Stein, S.J. 91940
Tait, R.N., Dew, S.K., Tsai, W., Hodul, D., Smy, T., Brett, M.J. Simulation of uniformity and lifetime effects in collimated sputtering 61377
Tait, R.N. *see* Ning, Y.b. 84633
Taiwei Lu, Lerner, J. Spectroscopy and hybrid neural network analysis 79751
Taiyuan Qi *see* Qi Taiyuan
Tajahuerce, E., Lancis, J., Climent, V., Fernandez-Alonso, M., Andres, P. Achromatic Fourier processor: a novel optical architecture 108646
Tajalli, H. *see* Bidadi, H. 114609
Tajalli, H. *see* Kalafi, M. 115985
Tajbakhsh, A. *see* Bradley, D.D.C. 106944
Tajbakhsh, A. *see* Weaver, M.S. 85257
Tajika, Y. *see* Hatsuda, T. 88394
Tajima, A. *see* Sameshima, T. 94667
Tajima, A. *see* Suemura, Y. 75643
Tajima, A. *see* Suemura, Y. 78890
Tajima, D. *see* Ishizaki, A. 106397
Tajima, F. *see* Ito, M. 102643
Tajima, F. *see* Kobayashi, T. 102725
Tajima, H. Optimization of antenna aperture distribution with ground reflection 76552
Tajima, H. *see* Fujita, T. 113525
Tajima, K. *see* Itoh, K. 93164
Tajima, K. *see* Kaga, A. 91524
Tajima, K. *see* Nakmura, S. 116702
Tajima, K. *see* Yang, K.H. 64826
Tajima, M. Bidirectional Viterbi decoding algorithm with repeat request and estimation of unreliable region 66335

Tajima, M., Shibata, H., Nakahara, H. 42-inch color plasma display 110292
Tajima, N. *see* Kakimoto, F. 69777
Tajima, R. *see* Niwano, R. 105705
Tajima, S. *see* Funabiki, N. 106151
Tajima, S. *see* Nakano, H. 117082
Tajima, T., Asano, K., Furuya, T., Izawa, M., Mitsunobu, S., Takahashi, T., Gamo, N., Iida, S., Ishi, Y., Kijima, Y., Kokura, S., Kudo, M., Sennyu, K., Tachibana, S., Takashina, H., Taniyama, N. Development of HOM damper for B-factory (KEKB) superconducting cavities 100491
Tajima, T. *see* Siders, C.W. 79839
Tajima, Y., Maki, D. GaAs ICs for wireless LANs 68052
Tajima, Y. *see* Yamasaki, A. 79585
Tajime, T. *see* Kimura, T. 111389
Tajiri, F. *see* Shimamoto, S. 95590
Tak, Y.H., Pommerehne, J., Vestweber, H., Sander, R., Bassler, H., Horhold, H.H. Pulsed electroluminescence from organic bilayer light emitting diodes 96040
Tak, Y.H. *see* Pommerehne, J. 75749
Tak Chow Yuk *see* Yuk Tak Chow
Tak Kim Jong *see* Jong Tak Kim
Tak Seung-Ho *see* Seung-Ho Tak
Tak Sum Chu *see* Felch, K. 105035
Tak Woon Yan, Jacobsen, M., Garcia-Molina, H., Dayal, U. From user access patterns to dynamic hypertext linking 77962
Tak-Keung Cheng, Kitchen, L., Zhi-Qiang Liu Kalman filtering and clustering for 3D motion tracking using stereo 86639
Tak-Keung Cheng *see* Kitchen, L. 86690
Taka, M. *see* Kakemizu, M. 78118
Taka, M. *see* Kakemizu, M. 108942
Takaba, H., Kurihara, N., Iwata, T., Koyama, Y., Heki, K., Kaneko, A., Yoshino, T. Crustal deformation monitoring system for the Tokyo metropolitan area. VLBI system for Key Stone Project. Observation system for KSP–VLBI. Observation control system 101526
Takaba, H. *see* Imae, M. 101522
Takaba, H. *see* Iwata, T. 101527
Takaba, H. *see* Koyama, Y. 101528
Takaba, H. *see* Kurihara, N. 101523
Takaba, K., Katayama, T. Discrete-time H_∞ algebraic Riccati equation and parametrization of all H_∞ filters 97806
Takaba, S., Sakai, S., Sekine, T., Hamabe, K. Design and evaluation for the mobile packet communication system using continuously allocated small zones 78423
Takabatake, H. *see* Shimizu, A. 90478
Takabatake, T. Weakly greedy algorithm and pair-delta-matroids 103667
Takac, M.T., Ye, J., Raugh, M.R., Pease, R.F., Berglund, C.N., Owen, G. Self-calibration in two-dimensions: the experiment [lithography measurement] 115057
Takachio, N. *see* Kuwano, S. 88648
Takachio, N. *see* Tsunetsugu, H. 99508
Takachio, N. *see* Yoshida, S. 68521
Takacs, J.M. *see* Goodson, T. 85683
Takacs, M. *see* Scheider, D. 114347
Takacs, S. Time constants and AC losses of flat superconducting cables in magnetic fields changing along the cable 75334
Takada, A., Imajuku, W. Amplitude noise suppression by using high-gain phase-sensitive amplifier as limiting amplifier 75837
Takada, A., Kikuchi, T. Analog simulation on enhanced ac Josephson effect for junction driven by pulse train current 95483
Takada, A., Takeshita, K., Masaoka, H., Kobayashi, H., Shinmori, M., Toyada, H. Development of 4-bit microcomputer for keyless-entry 73456
Takada, A. *see* Katagiri, Y. 116473
Takada, A. *see* Shibata, T. 115715
Takada, E. *see* Noda, K. 89755
Takada, H., Mtyazaki, K., Torizuka, K. Flash-lamp-pumped Cr:LiSAF amplifier 75876
Takada, H. *see* Haga, T. 96568
Takada, H. *see* Miyazaki, K. 116639
Takada, J., Yamamoto, T., Ando, M., Goto, N. An azimuthal multibeam radial line slot antenna for mobile satellite communication 68259
Takada, J. *see* Endo, S. 80517
Takada, J. *see* Ito, K. 66076
Takada, K. High resolution reflectometry in silica-based waveguides 64748
Takada, K., Takeyama, H. Control of working accuracy in turning by means of independent optical axes 89501
Takada, K., Yamada, H., Hida, Y., Ohmori, Y., Mitachi, S. Rayleigh backscattering measurement of 10 m long silica-based waveguides 106846
Takada, K., Yamada, H., Inoue, Y. Optical low coherence method for characterizing silica-based arrayed-waveguide grating multiplexers 85072
Takada, K. *see* Kambe, Y. 79397
Takada, K. *see* Yamada, H. 99549
Takada, M., Nakamura, T., Baba, M., Iwasaki, T., Kiyosumi, T. Characterization of 22 and 33 MeV quasi-monoenergetic neutron fields for detector calibration at CYRIC 68963
Takada, M. *see* Baba, M. 90114
Takada, M. *see* Koike, H. 75061
Takada, M. *see* Kuhara, S. 73351
Takada, M. *see* Kuroda, T. 79120
Takada, M. *see* Kuroda, T. 109852
Takada, M. *see* Shimizu, Y. 91413
Takada, N., Nishiwaki, A. An RF modulated laser diode distance-measuring instrument using the heterodyne phase comparating method II 69491
Takada, S. *see* Joosse, K. 75337
Takada, S. *see* Sato, H. 84901
Takada, T. *see* Ikeda, M. 64145
Takada, T. *see* Imaizumi, Y. 110353
Takada, T. *see* Loh, T.H. 103900
Takada, T. *see* Murata, K. 64147
Takada, T. *see* Shimada, H. 69428
Takada, T. *see* Suh, K.S. 64106
Takada, T. *see* Suh, K.S. 64108
Takada, T. *see* Xinsheng, W. 64128
Takada, T. *see* Yongchang Zhu 64047
Takada, T. *see* Yongchang Zhu 84679
Takada, Y. *see* Yamasaki, S. 84894
Takafuji, Y. *see* Yamashita, T. 88839
Takagaki, T. *see* Kusunoki, I. 113480
Takagaki, Y. *see* Herfort, J. 105250
Takagawa, K. *see* Sakamoto, K. 105992
Takagi, A., Takato, N., Hida, Y., Oguchi, T., Nozawa, T. Silica-based line-symmetric series-tapered (LSST) broadband directional coupler with asymmetric guides only in their parallel coupling regions 106817
Takagi, A. *see* Kinsho, M. 120078
Takagi, A. *see* Mori, Y. 100701
Takagi, A. *see* Sakai, I. 100718
Takagi, A. *see* Shinto, K. 90092
Takagi, E. *see* Miyagi, T. 114331
Takagi, H., Taira, H., Kobayashi, S., Sakamoto, S., Tomono, K. Development of cofired type planar SOFC 81759
Takagi, H. *see* Nishizawa, K. 101215
Takagi, H. *see* Parameswaran, M. 62446
Takagi, H. *see* Shiratori, A. 81775
Takagi, H. *see* Tahara, M. 88687
Takagi, K. Personal communication systems 109370
Takagi, K. *see* Kabasawa, U. 75297
Takagi, K. *see* Kabasawa, U. 84897
Takagi, K. *see* Tokuda, M.. 67976
Takagi, K. *see* Wakita, N. 97442
Takagi, K. *see* Watanabe, S. 73748
Takagi, K. *see* Watanabe, S. 93807
Takagi, K. *see* Yamamoto, K. 84682
Takagi, M. *see* Daido, H. 96101
Takagi, M. *see* Kato, T. 95700
Takagi, M. *see* Nakagawa, O. 108426
Takagi, M. *see* Ooba, N. 85046
Takagi, M. *see* Takamura, S. 70439
Takagi, N. Algorithms for arithmetic circuits 3.Algorithms for dividers 61823
Takagi, N., Nakashima, K., Mukaidono, M. A necessary and sufficient condition for Lukasiewicz logic functions 73309
Takagi, N. *see* Ikeo, I. 102993
Takagi, R., Sone, S. Traction power control for optimization of DC railway power feeding systems 112533
Takagi, S., Hoyt, J.L., Welser, J.J., Gibbons, J.F. Comparative study of phonon-limited mobility of two-dimensional electrons in strained and unstrained Si metal-oxide-semiconductor field-effect transistors 94993
Takagi, S. *see* Asakawa, K. 88069
Takagi, S. *see* Someya, M. 69281
Takagi, S. *see* Wada, K. 104687
Takagi, S.-I. *see* Satake, H. 94619
Takagi, T. Recent research on intelligent materials 92973
Takagi, T. Recent research on intelligent materials 104197
Takagi, T., Tani, J., Ruatto, P., Krevet, B., Boccaccini, L.V. Numerical evaluation of natural frequency change of a ferromagnetic plate due to magnetic stiffness effect 64276
Takagi, T. *see* Amano, M. 121793
Takagi, T. *see* Chaki, S. 93862
Takagi, T. *see* Fukutomi, H. 102407
Takagi, T. *see* Funada, M. 93906
Takagi, T. *see* Itoh, Y. 104876
Takagi, T. *see* Kashiwa, T. 62356
Takagi, T. *see* Kashiwa, T. 73785
Takagi, T. *see* Katoh, T. 93910
Takagi, T. *see* Miyashita, M. 96051
Takagi, T. *see* Nakamura, A. 110942
Takagi, T. *see* Qiu, J. 115448
Takagi, T. *see* Sakaguchi, M. 74542
Takagi, T. *see* Shimada, M. 68016
Takagi, T. *see* Tani, J. 92972
Takagi, T. *see* Vasil'ev, A.N. 115859
Takagi, T. *see* Yamamoto, K. 78534
Takagi, T. *see* Yamamura, T. 81826
Takagi, Y., Ahart, M., Azuhata, T., Sota, T., Suzuki, K., Nakamura, S. Brillouin scattering study in the GaN epitaxial layer 92713
Takagi, Y. *see* Okano, K. 71725
Takagiwa, T., Hyogo, A., Sekine, K. A method of signal dependent clock feedthrough cancellation technique for the switched current circuits 113715
Takahagi, T. *see* Shingubara, S. 115010
Takahama, T., Nakai, T., Sawada, T., Taguchi, M., Tsuge, S. New-type crystalline solar cell-HIT structure 81884
Takahama, T. *see* Hiramatsu, K. 82729
Takahara, E. *see* Sekimoto, M. 103124
Takahara, H. *see* Koike, S. 96054
Takahara, J. *see* Herfort, J. 105250
Takahara, K. *see* Yukawa, M. 121890
Takahara, M. *see* Ishiba, K. 99568
Takahara, S. *see* Hayashi, T. 76234
Takahashi, A. *see* Kitsuta, K. 113586
Takahashi, A. *see* Saitou, K. 101361
Takahashi, A. *see* Sumiyoshi, T. 63189
Takahashi, A. *see* Takashima, Y. 73221
Takahashi, A. *see* Torayashiki, O. 119637
Takahashi, A. *see* Uesaka, M. 71082
Takahashi, A.Y. *see* Ono, Y. 114836
Takahashi, C., Fujimoto, R., Arai, S., Itakura, T., Ueno, T., Tsurumi, H., Tanimoto, H., Watanabe, S., Hirakawa, I. 1.9 GHz Si direct conversion receiver IC for QPSK modulation systems 78489
Takahashi, C., Nagano, M., Wakiya, Y., Kato, T., Sato, K. Anisotropy of critical current density in Bi-2223/Ag tapes 84862
Takahashi, C. *see* Mito, A. 76224
Takahashi, C. *see* Nakanishi, T. 114507
Takahashi, C. *see* Nakata, S. 94202
Takahashi, C. *see* Noto, K. 71586
Takahashi, C. *see* Saito, H. 70502
Takahashi, C. *see* Tanaka, M. 119860
Takahashi, E. *see* Matsushima, I. 75812
Takahashi, E. *see* Yoshimura, M. 63374
Takahashi, F. Crustal deformation monitoring system for the Tokyo metropolitan district. Key Stone Project and the background on the scientific history 101521
Takahashi, F. *see* Amagai, J. 101542
Takahashi, F. *see* Otsubo, T. 101519
Takahashi, F. *see* Yoshino, T. 101534
Takahashi, F. *see* Yoshino, T. 101546
Takahashi, F. *see* Murakami, H. *(editor)* 60397
Takahashi, H. A stereo vision system using multi slit lights for underground vehicle 86846
Takahashi, H. Very fast character segmentation from black frames 87078
Takahashi, H., Fukuda, D., Iguchi, T., Nakazawa, M. The use of 1.5 μm infrared light from a cooled scintillator for optical fiber based system 100868
Takahashi, H., Fukuda, D., Jensen, F., Iguchi, T., Nakazawa, M. The use of 1.5 μm infrared light from a cooled scintillator for optical fiber based system 80058
Takahashi, H., Fukuda, D., Kurahashi, T., Iguchi, T., Nakazawa, M. Preliminary study on an imaging system with a two-dimensional photodetector and a thermoluminescent plate 100151
Takahashi, H., Haruguchi, H., Hagino, H., Yamada, T. Carrier stored trench-gate bipolar transistor (CSTBT)–a novel power device for high voltage application 105914
Takahashi, H., Katoh, Y., Natsume, H., Sakamoto, K., Ohkubo, M., Suga, K. Pipeline burst SRAM for PC cache 73382
Takahashi, H., Kurahashi, T., Kawarabayashi, J., Iguchi, T., Nakazawa, M. On the correction of the differential non-linearity arising from discrete values for a digital signal processing system 66658
Takahashi, H., Nakagawa, M. Antenna and multicarrier pre-diversity system using time division duplex 99395
Takahashi, H., Nakagawa, M. Antenna and multicarrier combined diversity system 118932
Takahashi, H., Oda, K., Toba, H. Impact of crosstalk in an arrayed-waveguide multiplexer on N×N optical interconnection 78894
Takahashi, H., Sano, Y., Takiyama, M., Iguchi, N. Infrared terminal adapter 118456
Takahashi, H., Watanabe, T., Matsunaga, T., Takamatsu, Y. Tests for small gate delay faults in combinational circuits and their generation 83035
Takahashi, H., Watanabe, T., Takamatsu, Y. Generation of tenacious tests for small gate delay faults in combinational circuits 61775
Takahashi, H., Yanagida, N., Takamatsu, Y. Enhancing multiple fault diagnosis in combinational circuits based on sensitized paths and EB testing 61834
Takahashi, H. *see* Chang-Woo Kim 73749
Takahashi, H. *see* Hara, K. 118701
Takahashi, H. *see* Kaya, K. 72837
Takahashi, H. *see* Morioka, T. 68369
Takahashi, H. *see* Morioka, T. 88644
Takahashi, H. *see* Nakahara, H. 92598
Takahashi, H. *see* Nishimura, A. 92982
Takahashi, H. *see* Nitta, K. 121799
Takahashi, H. *see* Okamoto, H. 67058
Takahashi, H. *see* Okamoto, K. 95794
Takahashi, H. *see* Sakamoto, K. 100183
Takahashi, H. *see* Sakamoto, K. 119807
Takahashi, H. *see* Sato, H. 72808
Takahashi, H. *see* Shigehiro, Y. 95100
Takahashi, H. *see* Suemura, Y. 78890
Takahashi, H. *see* Sugita, Y. 75080
Takahashi, H. *see* Takahashi, M. 64327
Takahashi, H. *see* Tanaka, T. 76020
Takahashi, H. *see* Yanagida, N. 93239
Takahashi, H. *see* Yu Liu 108482
Takahashi, I., Hibino, M., Kudo, T. Thermochromic $V_{1-x}W_xO_2$ thin films prepared by wet coating using polyvanadate solutions 61301
Takahashi, I., Itoh, J., Su, G.J. Toward 99% efficiency for transistor inverters 121684
Takahashi, I., Okita, Y., Andoh, I. Development of long life three phase uninterruptible power supply using flywheel energy storage unit 112120

Takahashi, I., Sakurai, T., Andoh, I. Development of a simple photovoltaic system for interconnection of utility power system 111846
Takahashi, I. *see* Ebizuka, K. 111761
Takahashi, I. *see* Noguchi, T. 111951
Takahashi, I. *see* Usami, K. 114983
Takahashi, J., Ohtani, N., Kanaya, M. X-ray topographic studies of α-SiC single crystalline ingots grown by the sublimation method 103826
Takahashi, K. PDP technology brings wall hanging TVs closer to reality 69407
Takahashi, K., Fujita, S., Yoshida, T., Sakai, H., Sagawa, M. An advanced millimeter-wave flip-chip IC integrating different kinds of active devices 93901
Takahashi, K., Hori, M., Goto, T. Fluorocarbon radicals and surface reactions in fluorocarbon high density etching plasma. I. O_2 addition to electron cyclotron resonance plasma employing CHF_3 94757
Takahashi, K., Hori, M., Goto, T. Fluorocarbon radicals and surface reactions in fluorocarbon high density etching plasma. II. H_2 addition to electron cyclotron resonance plasma employing CHF_3 94758
Takahashi, K., Hori, M., Inayoshi, M., Goto, T. Evaluation of CF_2 radical as a precursor for fluorocarbon film formation in highly selective SiO_2 etching process using radical injection technique 94733
Takahashi, K., Inoue, A., Tanaka, K. An evaluation method for power transfer capability enhanced by lightning countermeasures 81144
Takahashi, K., Kasugai, A., Sakamoto, K., Tsuneoka, M., Imai, T. Measurement of temperature dependence of dielectric permittivity of sapphire window for high power gyrotrons 106295
Takahashi, K., Kikuchi, M., Takeuchi, S., Hoshimiya, N., Mastuki, H., Handa, Y. Externally powered implantable FES system 70242
Takahashi, K., Kuroyanagi, N. Convergence analysis of processing cost reduction method of NLMS algorithm with correlated Gaussian data 92583
Takahashi, K., Kuroyanagi, N., Mori, S. Convergence analysis of quantizing method with correlated Gaussian data 114120
Takahashi, K., Nakatani, H., Abe, K. Color image segmentation using ISODATA clustering method 86986
Takahashi, K., Sasaoka, Y., Atsumi, T., Isobe, N., Sakamoto, F., Kosugi, N., Wani, K., Murakami, H., Sakai, T. A long-life 26-in, dc pulse-memory color PDP with resistor-in-cell structure 89428
Takahashi, K., Tadokoro, N., Takeuti, S. LED display on silicon microreflector 110304
Takahashi, K., Tanoi, S., Tanabe, T., Myamoto, S. A high speed circuit design of 256 Mbit DRAM 73328
Takahashi, K., Tazaki, S., Miyahara, J., Karasawa, Y., Niimura, N. Imaging performance of imaging plate neutron detectors 110588
Takahashi, K. *see* Bahadur Bista, B. 87443
Takahashi, K. *see* Chibe, H. 102601
Takahashi, K. *see* Go, K. 87440
Takahashi, K. *see* Hayakawa, Y. 92666
Takahashi, K. *see* Hayakawa, Y. 113269
Takahashi, K. *see* Hongyuan Chen 117952
Takahashi, K. *see* Igarashi, Y. 83655
Takahashi, K. *see* Iwaki, M. 63259
Takahashi, K. *see* Kawabe, H. 87617
Takahashi, K. *see* Kita, E. 81350
Takahashi, K. *see* Koizumi, T. 65901
Takahashi, K. *see* Mehmetli, B.A. 89535
Takahashi, K. *see* Moritani, I. 75230
Takahashi, K. *see* Nakamura, K. 112570
Takahashi, K. *see* Niiyama, S. 99585
Takahashi, K. *see* Ohtomo, T. 100233
Takahashi, K. *see* Okabe, S. 91703
Takahashi, K. *see* Onozuka, M. 94162
Takahashi, K. *see* Sakai, H. 73805
Takahashi, K. *see* Sakamoto, K. 94195
Takahashi, K. *see* Sato, S. 85783
Takahashi, K. *see* Smith, J.D. 78131
Takahashi, K. *see* Suyama, K. 90860
Takahashi, K. *see* Suzuki, H. 84914
Takahashi, K. *see* Takano, Y. 89431
Takahashi, K. *see* Tamaki, M. 104240
Takahashi, K. *see* Tanoi, S. 61998
Takahashi, K. *see* Tanoi, S. 93540
Takahashi, K. *see* Terai, M. 104461
Takahashi, K. *see* Ushirorawa, M. 89429
Takahashi, K. *see* Yamanaka, S. 79632
Takahashi, K. *see* Yamanaka, S. 79632
Takahashi, K.-I. *see* Kasuu, O. 84869
Takahashi, M. Experimental considerations for APC optical connectors with slanted angle of 8 degrees 75482
Takahashi, M., Nakagawa, Y., Abe, M. Low sidelobes for radial line slot antennas 117075
Takahashi, M., Oba, N., Kobayashi, H., Nakamura, R. Decoupled modified-bit cache 93374
Takahashi, M., Takahashi, H., Nashi, H., Shoji, H., Wakiyama, T., Kuwabara, M. Structure and magnetic moment of α''-$Fe_{16}N_2$ compound films: Effect of Co and H on phase formation 64327
Takahashi, M., Vaccaro, P., Fujita, K., Watanabe, T., Mukaihara, T., Koyama, F., Iga, K. An InGaAs-GaAs vertical-cavity surface-emitting laser grown on GaAs(311)A substrate having low threshold and stable polarization 65299
Takahashi, M. *see* Dong Il Kim 65886
Takahashi, M. *see* Gomi, J. 78608
Takahashi, M. *see* Higashida, Y. 110730
Takahashi, M. *see* Itoh, Y. 74858
Takahashi, M. *see* Kawakita, S. 106581
Takahashi, M. *see* Kikuchi, A. 64450
Takahashi, M. *see* Kikuchi, A. 106529
Takahashi, M. *see* Kurosawa, M. 95325
Takahashi, M. *see* Kurosawa, M. 112012
Takahashi, M. *see* Masui, T. 90292
Takahashi, M. *see* Miyauchi, Y. 96464
Takahashi, M. *see* Nakai, J. 106528
Takahashi, M. *see* Ohtsuki, T. 116091
Takahashi, M. *see* Sato, H. 115478
Takahashi, M. *see* Shimatsu, T. 106530
Takahashi, M. *see* Shimatsu, T. 106531
Takahashi, M. *see* Shimodaira, Y. 89303
Takahashi, M. *see* Suzuki, A. 73352
Takahashi, M. *see* Takayanagi, T. 73424
Takahashi, M. *see* Washio, H. 89339
Takahashi, M. *see* Yamaguchi, K. 102630
Takahashi, M. *see* Yamamoto, K. 91233
Takahashi, M. *see* Yokoo, H. 76719
Takahashi, M. *see* Yung-Chieh Hsieh 75236
Takahashi, N., Ebihara, K., Yoshida, K., Nakata, T., Ohashi, K., Miyata, K. Investigation of simulated annealing method and its application to optimal design of die mold for orientation of magnetic powder 64186
Takahashi, N., Kakuma, S., Ohba, R. Active heterodyne interferometric displacement measurement using optical feedback effects of laser diodes 69538
Takahashi, N., Muramatsu, K., Nakano, M., Sato, Y., Kondo, T., Kitagawa, M., Takehara, J. Numerical and experimental investigations of current distribution at the joint between AC superconducting cable and normal conducting plate 102179
Takahashi, N., Nakata, T., Morishige, H. Verification of software for calculating electromagnetic force and torque using IEEJ model 65603
Takahashi, N., Nakata, T., Muramatsu, K., Nakano, M., Ejiri, Y., Takehara, J. 3-D time-periodic finite element analysis of magnetic field in non-oriented materials taking into account hysteresis characteristics 95335
Takahashi, N., Senba, N., Shimada, Y., Morizaki, I., Tokuno, K. 3-dimensional memory module 114478
Takahashi, N., Shiota, M., Zhu, Y., Shimizu, M., Hirata, D., Sakamoto, Y., Sugino, T., Shirafuji, J. Thermal stability of $Al_{0.48}In_{0.52}As/Ga_{0.47}In_{0.53}As/InP$ heterostructure and its improvement by phosphidization 63317
Takahashi, N. *see* Basak, A. 112569
Takahashi, N. *see* Filho, A.F.F. 102757
Takahashi, N. *see* Hanai, S. 96975
Takahashi, N. *see* Inoue, H. 104905
Takahashi, N. *see* Janicke, L. 95336
Takahashi, N. *see* Koukitu, A. 72833
Takahashi, N. *see* Koukitu, A. 72834
Takahashi, N. *see* Kumagai, H. 90788
Takahashi, N. *see* Misawa, K. 71556
Takahashi, N. *see* Mitsuoka, S. 69650
Takahashi, N. *see* Miyagi, S. 117667
Takahashi, N. *see* Monden, M. 98995
Takahashi, N. *see* Muramatsu, K. 71241
Takahashi, N. *see* Muramatsu, K. 75281
Takahashi, N. *see* Nakata, T. 96882
Takahashi, N. *see* Nishi, T. 61023
Takahashi, N. *see* Odagiri, H. 104560
Takahashi, N. *see* Ogura, H. 85841
Takahashi, N. *see* Ohishi, I. 119813
Takahashi, N. *see* Sato, Y. 89355
Takahashi, N. *see* Ushigami, Y. 75090
Takahashi, N. *see* Yu Zhu 94586
Takahashi, N.S. *see* Yamada, Y. 85295
Takahashi, O. *see* Shiroshita, T. 78232
Takahashi, O. *see* Tsujikado, K. 100232
Takahashi, R., Choi, W.-Y., Kawamura, Y., Iwamura, H. Femtosecond all-optical AND gates based on low-temperature-grown Be-doped strained InGaAs/InAlAs multiple quantum wells 64842
Takahashi, R., Kagawa, T., Iwamura, H. An ultrafast surface-reflection all-optical switch 88468
Takahashi, R., Matsuoka, Y., Iwamura, H. Toward the realization of large-capacity optical communications systems 99038
Takahashi, R., Taniguchi, T., Yamaguchi, K., Maki, N. Development of large-current-carrying superconducting cable for AC use 95422
Takahashi, R. *see* Sakai, E. 71958
Takahashi, R. *see* Shimatani, N. 114892
Takahashi, R. *see* Torii, S. 102631
Takahashi, R. *see* Tsuji, S. 95687
Takahashi, R. *see* Uenohara, H. 65286
Takahashi, S., Ishikawa, Y. Gray scale image processing unit 98224
Takahashi, S., Shibata, S., Gondo, K., Yachi, S., Ohno, Y., Tobita, T., Takasago, H. Analysis of area-distributed crosstalk phenomena in large-area TFT-LCDs 89393
Takahashi, S., Toda, T., Iwata, F. Full color 3D-video system using grating image 96751
Takahashi, S. *see* Hatafuku, H. 64206
Takahashi, S. *see* Hirose, S. 84716
Takahashi, S. *see* Hirose, S. 101601
Takahashi, S. *see* Kunisa, A. 109936
Takahashi, S. *see* Kunisa, A. 117237
Takahashi, S. *see* Miyoshi, T. 119881
Takahashi, S. *see* Okuda, M. 77024
Takahashi, S. *see* Scales, W.H. 78577
Takahashi, S. *see* Tanaka, J. 82237
Takahashi, S.-I. *see* Fukuoka, T. 77027
Takahashi, S.-I. *see* Yamazaki, O. 62032
Takahashi, T. Development of the electroluminescence (EL) driver IC for a watch 73496
Takahashi, T., Hagiwara, K., Egashira, Y., Komiyama, H. The effect of gas-phase additives C_2H_4, C_2H_6, and C_2H_2 on SiH_4/O_2 chemical vapor deposition 61333
Takahashi, T., Ihara, M., Yamada, K. Development of SOFC cathodes for reduced-temperature applications 81849
Takahashi, T., Ishii, Y. Phase-only matched filtering with dual liquid-crystal spatial light modulators 75604
Takahashi, T., Miyata, H., Nakatuka, T., Yokoyama, A. Some factors for the space charge formation in polyethylene 64114
Takahashi, T., Ohkawa, N. 5 Gbit/s unrepeatered transmission over 360 km of non-dispersion shifted fibre without dispersion compensation 109642
Takahashi, T., Osawa, H., Suzuki, A., Inooka, H. An improved algorithm and implementation for the ambulatory measuring system of human gait 101076
Takahashi, T., Takahashi, Y. Spectrum analyzer with synthesized local oscillator weighing 10 kg MS2650/2660 series 119578
Takahashi, T., Takajo, H. Ideal estimation on object recovery from the Fourier modulus 67444
Takahashi, T. *see* Arimoto, Y. 68382
Takahashi, T. *see* Arimoto, Y. 78838
Takahashi, T. *see* Endo, M. 81717
Takahashi, T. *see* Ezawa, H. 80081
Takahashi, T. *see* Ezawa, H. 100931
Takahashi, T. *see* Hayashi, Y. 78668
Takahashi, T. *see* Iinuma, K. 64119
Takahashi, T. *see* Inoue, K. 74177
Takahashi, T. *see* Inoue, Y. 69828
Takahashi, T. *see* Kaneko, S. 108996
Takahashi, T. *see* Kobayashi, H. 93541
Takahashi, T. *see* Koike, M. 102388
Takahashi, T. *see* Matsumoto, Y. 68332
Takahashi, T. *see* Nagasawa, H. 81977
Takahashi, T. *see* Nakamura, K. 105503
Takahashi, T. *see* Nakamura, M. 104543
Takahashi, T. *see* Noto, K. 71586
Takahashi, T. *see* Oda, T. 112638
Takahashi, T. *see* Ohgaki, T. 69611
Takahashi, T. *see* Ohshima, T. 106043
Takahashi, T. *see* Okada, H. 90146
Takahashi, T. *see* Okazawa, H. 119101
Takahashi, T. *see* Omotani, M. 98802
Takahashi, T. *see* Shimokawa, R. 91756
Takahashi, T. *see* Suehiro, J. 115399
Takahashi, T. *see* Suzuki, S. 68256
Takahashi, T. *see* Tajima, T. 100491
Takahashi, T. *see* Tomobe, K. 104517
Takahashi, T. *see* Ujiie, N. 69853
Takahashi, T. *see* Yoshimura, N. 109594
Takahashi, T. *see* Yosoi, M. 120231
Takahashi, Y., Nakazawa, K., Nomura, T., Sakai, S., Okimura, T. A 6-megapixel LCD projector using interleaved pixels 89264
Takahashi, Y., Namatsu, H., Kurihara, K., Iwadate, K., Nagase, M., Murase, K. Size dependence of the characteristics of Si single-electron transistors on SIMOX substrates 95080
Takahashi, Y., Shibamoto, S., Inoue, K. Numerical analysis of the interfacial contact process in wire thermocompression bonding 73898
Takahashi, Y., Yoshikawa, K., Soutome, M., Fujii, T., Ichijyou, M., Seki, Y. 2.5 kV-1000 A power pack IGBT (high power flat-packaged RC-IGBT) 104334
Takahashi, Y., Yoshino, T., Kawasaki, K. Three-dimensional distribution measurement of electric fields using Stark effect in NaK 69427
Takahashi, Y. *see* Aiping Wu 75742
Takahashi, Y. *see* Aramaki, S. 64018
Takahashi, Y. *see* Bruzzone, P. 102174
Takahashi, Y. *see* Daigo, M. 120105
Takahashi, Y. *see* Furukawa, T. 106335
Takahashi, Y. *see* Hama, S. 101530
Takahashi, Y. *see* Hattori, K. 83993
Takahashi, Y. *see* Hattori, T. 64087
Takahashi, Y. *see* Herminghaus, S. 106850
Takahashi, Y. *see* Hyodo, H. 69941
Takahashi, Y. *see* Iijima, M. 64175
Takahashi, Y. *see* Iijima, M. 104109
Takahashi, Y. *see* Ikeda, M. 76318
Takahashi, Y. *see* Imae, M. 101522
Takahashi, Y. *see* Iwata, T. 101527
Takahashi, Y. *see* Kaneko, S. 112168
Takahashi, Y. *see* Kasahara, S. 82381
Takahashi, Y. *see* Kikuchi, M. 106704
Takahashi, Y. *see* Kiuchi, H. 93493
Takahashi, Y. *see* Koizumi, N. 64578
Takahashi, Y. *see* Koizumi, N. 95445
Takahashi, Y. *see* Koizumi, N. 95512
Takahashi, Y. *see* Koyama, Y. 101533
Takahashi, Y. *see* Kurihara, N. 101545
Takahashi, Y. *see* Matsui, K. 102175
Takahashi, Y. *see* Matsukura, N. 84731
Takahashi, Y. *see* Muraki, K. 83951
Takahashi, Y. *see* Ninomiya 64569
Takahashi, Y. *see* Ogata, H. 95521
Takahashi, Y. *see* Ohnishi, K. 95207

Takahashi, Y. *see* Ohya, Y. 113404
Takahashi, Y. *see* Sekido, M. 101531
Takahashi, Y. *see* Shimamoto, S. 95590
Takahashi, Y. *see* Sugimoto, M. 95523
Takahashi, Y. *see* Tabe, M. 95084
Takahashi, Y. *see* Takahashi, T. 119578
Takahashi, Y. *see* Tanaka, H. 64799
Takahashi, Y. *see* Uno, Y. 82242
Takahashi, Y. *see* Wadayama, Y. 95564
Takahashi, Y. *see* Wu Aiping 85258
Takahashi, Y. *see* Yajima, Y. 79377
Takahashi, Y. *see* Yajima, Y. 89467
Takahashi, Y. *see* Yong Woon Choi 79696
Takahashi, Y. *see* Yoshikawa, M. 84008
Takahashi, Y. *see* Yoshino, T. 101546
Takahashii, K. *see* Nakamura, M. 102349
Takahasi, F. *see* Miki, C. 101544
Takahasi, K. *see* Ono, K. 64398
Takahasi, M. *see* Murakawa, K. 116934
Takahasi, S. *see* Matsumoto, H. 81333
Takahasi, Y. *see* Fukuda, K. 77490
Takahata, F. *see* Hatsuda, T. 88395
Takahata, F. *see* Hatsuda, T. 88395
Takahata, F. *see* Hayashi, M. 78596
Takahata, F. *see* Sakaida, H. 109387
Takahata, K., Aoki, S., Sato, T. Fine surface finishing method for 3-dimensional micro structures 74893
Takahata, K., Mito, T., Satow, T., Nishimura, A., Yamada, S., Yanagi, N., Iwamoto, A., Chikaraishi, H., Imagawa, S., Tamura, H., Satoh, S., Tanahashi, S., Yamamoto, J., Motojima, O., Yamakoshi, T., Yoshida, T., Hanawa, S., Kai, T. Cooldown performance of an inner vertical field coil for the Large Helical Device 95516
Takahata, K., Ueda, Y., Koshiba, T., Miura, K., Washi, A. An analysis of PLL pull-in process by computer simulation 113814
Takahata, K. *see* Hanawa, S. 95571
Takahata, K. *see* Mito, T. 95525
Takahata, K. *see* Satow, T. 95514
Takahata, K. *see* Sumiyoshi, F. 95561
Takahata, K. *see* Yoshida, Y. 91683
Takahata, K.M. *see* Unno, Y. 100858
Takahata, M. *see* Okamoto, K. 118691
Takahata, M. *see* Unno, Y. 80035
Takahata, R. *see* Higasa, H. 81398
Takahata, T. *see* Kato, D. 68927
Takahei, K. *see* Taguchi, A. 64915
Takahiro, K. *see* Oku, T. 114811
Takahisa, K. *see* Hatanaka, K. 120086
Takahisa, K. *see* Sato, K. 100751
Takai, H. *see* Sugioka, K. 105554
Takai, K. *see* Doi, K. 73457
Takai, K. *see* Kikuma, N. 99168
Takai, K. *see* Uematsu, M. 110884
Takai, M. Applications of nuclear microprobes in the semiconductor industry 92298
Takai, M., Kishimoto, T., Ohno, Y., Sayama, H., Sonoda, K., Satoh, S., Nishimura, T., Miyoshi, H., Kinomura, A., Horino, Y., Fujii, K. Soft error susceptibility and immune structures in dynamic random access memories (DRAMs) investigated by nuclear microprobes 61875
Takai, M., Kishimoto, T., Yamashita, M., Morimoto, H. Modification of field emitter array (FEA) tip shape by focused ion beam irradiation 73990
Takai, M., Kishimoto, T., Yamashita, M., Morimoto, H., Yura, S., Hosono, A., Okuda, S., Lipp, S., Frey, L., Ryssel, H. Modification of field emitter array tip shape by focused ion-beam irradiation 83740
Takai, M. *see* Yoshiiwa, M. 115109
Takai, Y., Koshikawa, Y., Abo, H., Goto, Y., Nobutoki, T. 16 Mbit synchronous DRAM with high-speed interface 73379
Takai, Y. *see* Yoshida, Y. 92698
Takaichi, H. *see* Nakajima, A. 90681
Takaichi, H. *see* Tsuchimoto, M. 64564
Takaichi, J. *see* Senju, T. 71199
Takaira, H., Aizawa, Y., Wang, J.L., Fujita, K., Tanaka, K. L-band downconverter IC with AGC for DBS tuner 88396
Takaishi, K., Imamura, T., Mizoshita, Y., Hasegawa, S., Ueno, T., Yamada, T. Microactuator control for disk drive 63978
Takaishi, K. *see* Koganezawa, S. 115797
Takaishi, K. *see* Mizoshita, Y. 64409
Takaishi, Y. *see* Suzuki, H. 61888
Takajo, H. *see* Takahashi, T. 67444
Takajo, M., Yamasaki, J., Ogasawara, I., Yagi, M. High-frequency measurement of the magnetic inductance caused by a current flowing through Fe-Co-based amorphous wires 64198
Takakado, S. *see* Yoshikawa, N. 115796
Takaki, H., Kobayashih, Y., Matsuda, K., Kamiya, Y. A lattice for the future project of VUV and soft X-ray high brilliant light source 79773
Takaki, K. *see* Murayama, A. 104570
Takaki, Y. Electro-optical implementation of learning architecture to control point spread function of liquid crystal active lens 75605
Takaki, Y. Fast optimization of phase-only holograms for large-scale shift-invariant optical interconnection 85200
Takaki, Y., Ishida, K., Kume, Y., Ohzu, H. Incoherent pattern detection using a liquid-crystal active lens 86893
Takaki, Y., Ohzu, H. Liquid-crystal active lens: a reconfigurable lens employing a phase modulator 64827
Takakubo, H., Shone, K. Digital cyphering system using chaos time series 66540
Takakubo, H. *see* Jun-Qi Zhu 74831
Takakura, M., Arai, J., Fukuizumi, A., Sajiki, S. Electro-static analysis of a scanning vibrating electrode using FEM 104249
Takakura, M. *see* Izutani, S. 71032
Takakura, S. *see* Yoshikawa, N. 115796
Takakusaki, M. *see* Ishida, H. 79589
Takakuwa, M., Baba, K., Miyagi, M. Ultrathin polarizing films for the near-infrared region consisting of stacked anisotropic gold island films 95927
Takakuwa, Y., Enta, Y., Miyamoto, N. In situ observation of the surface reaction during synchrotron radiation-assisted gas source molecular beam epitaxy of silicon 113385
Takakuwa, Y. *see* Enta, Y. 82656
Takala, J. *see* Morgan, C.J. 110876
Takala, J.A. *see* Aaltonen, J. 80830
Takalo, R. *see* Korhonen, I. 90283
Takamasu, K. *see* Asano, H. 100328
Takamasu, K. *see* Furutani, R. 99837
Takamasu, T. *see* Hayden, R.K. 114745
Takamasu, T. *see* Strutz, T. 63588
Takamatsu, H., Abe, K., Hoshi, Y., Ishikawa, M., Kawamura, N., Kawasaki, H., Nagamine, T., Nakajima, T., Neichi, K., Takayama, T., Yamaguchi, A., Yuta, H. A study of non-flammable gas mixture for resistive plate counter 80041
Takamatsu, H., Abe, K., Hoshi, Y., Ishikawa, M., Kawamura, N., Kawasaki, H., Nagamine, T., Nakajima, T., Neichi, K., Takayama, T., Yamaguchi, A., Yuta, H. A study of non-flammable gas mixture for resistive plate counter 100907
Takamatsu, K. *see* Imai, M. 116023
Takamatsu, R., Sato, M., Nara, Y., Kawarada, H. Tracking with focus of attention [robot vision] 87011
Takamatsu, R. *see* Chinveeraphan, S. 86989
Takamatsu, S. *see* Shintani, A. 76879
Takamatsu, Y. *see* Takahashi, H. 61775
Takamatsu, Y. *see* Takahashi, H. 61834
Takamatsu, Y. *see* Takahashi, H. 83035
Takamatsu, Y. *see* Yanagida, N. 93239
Takami, H. *see* Yoshida, K. 103117
Takami, J.-I. Automatic generation of efficient hidden Markov network by a state-splitting and merging algorithm 97586
Takami, K. *see* Sugiyama, T. 118945
Takami, N., Satoh, A., Ohsaki, T. Rechargeable lithium-ion cells using a graphitised carbon fibre as anode material 112239
Takami, N. *see* Satoh, A. 81670
Takami, T., Kuroda, K., Kataoka, M., Wada, Y., Hieda, M., Iida, A., Kojima, K., Nunoshita, M. 100 GHz band planar-type SIS mixer using BaKBiO grain boundary junctions 83530
Takami, T., Kuroda, K., Tanimura, J., Kojima, K., Nunoshita, M. BiSrCaCuO bicrystal grain boundary junction SQUIDs operating at 77 K 84905
Takami, T. *see* Kuroda, K. 84896
Takami, Y. *see* Ohyama, H. 84306
Takami, Y. *see* Ohyama, H. 105873
Takami, Y. *see* Ohyama, H. 105874
Takami, Y. *see* Ohyama, H. 105880
Takami, Y. *see* Ohyama, H. 116228
Takami, Y. *see* Ohyamaa, H. 115145
Takamiya, S. *see* Sasaki, H. 63772
Takamiya, S. *see* Takemi, M. 103842
Takamiya, S. *see* Yamamoto, Y. 63774
Takamori, A. *see* Kaneda, A. 90564
Takamori, A. *see* Kidoguchi, I. 75980
Takamori, T., Takemasa, K., Kamijoh, T. Interface structure of selectively oxidized AlAs/GaAs 94493
Takamori, T. *see* Tadokoro, S. 81504
Takamura, S., Takagi, M. Lossless compression of NOAA-AVHRR satellite data 70439
Takamura, T., Kikuchi, M., Awano, H., Ura, T., Ikezawa, Y. Carbon surface conditioning produces an anode suitable for heavy-duty discharge in Li secondary batteries 112306
Takamura, T., Kikuchi, M., Ikezawa, Y. Surface conditioning technique for obtaining high performance anodes for Li rechargeable batteries 81676
Takamura, T. *see* Doughty, D.H. *(editor)* 103316
Takanaka, N., Nishino, S., Saraie, J. Sublimation growth of 6H-SiC bulk 103820
Takanashi, H., Oono, T., Tanaka, T. Frequency-segregated dynamic channel allocation for asynchronized TDMA/TDD frame among base stations 118869
Takanashi, H., Tanaka, T. Dynamic micro-cell assignment technique with distributed control scheme 88347
Takanashi, H. *see* Ishioka, K. 68246
Takanashi, H. *see* Izumi, S. 99187
Takanashi, H. *see* Yasuda, A. 89250
Takanashi, M. *see* Homma, S. 121332
Takanashi, Y. Characterization of traps in GaAs/W Schottky diodes by optical and electrical deep-level transient spectroscopy methods 115142
Takano, A. *see* Ichikawa, Y. 102990
Takano, H., Domoto, T., Hatakeyama, T., Nakaoka, M. A generic computer-aided simulation approach for digitally-controlled switching mode power converter circuits and systems 121747
Takano, H., Hatakeyama, T., Sun, J.M., Laknath, K.G.D., Nakaoka, M. Feasible characteristic evaluations of resonant PWM inverter-linked DC-DC power converter using high-voltage transformer parasitic circuit components 120282
Takano, H., Inoue, T., Onishi, K. Mechanism for supporting rotor of direct drive motor built in a lens barrel for zoomlens 103088
Takano, H. *see* Fukuda, H. 120404
Takano, H. *see* Furuya, M. 105393
Takano, H. *see* Mojtahedi, H.A. 120514
Takano, H. *see* Munakata, T. 65228
Takano, H. *see* Munakata, T. 79735
Takano, H. *see* Niikura, Y. 64946
Takano, H. *see* Onishi, K. 119493
Takano, H. *see* Sakaguchi, M. 74542
Takano, H. *see* Sakaguchi, M. 105555
Takano, H. *see* Tomiyama, F. 75221
Takano, H. *see* Yang, K.H. 64826
Takano, I. *see* Sasase, M. 113457
Takano, K., Berkowitz, A.E., Wei Cao, Thomas, G. Structural and magnetocrystalline anisotropy contributions to the blocking temperatures of $Ni_xCo_{1-x}O$ exchange couples 64180
Takano, K., Muraoka, H., Nakamura, Y. Contact magnetoresistive head for perpendicular magnetic recording 64437
Takano, K. *see* Abarra, E.N. 75182
Takano, K. *see* Egelhoff, W.F., Jr. 115863
Takano, K. *see* Mitsumoto, H. 109903
Takano, K. *see* Shimamoto, S. 95590
Takano, K. *see* Shimizu, K. 68518
Takano, M. *see* Hiraki, K. 77886
Takano, M. *see* Kanno, R. 121840
Takano, M. *see* Motomura, K. 98776
Takano, O. *see* Matsuda, H. 106532
Takano, R. *see* Saitoh, Y. 80027
Takano, R. *see* Saitoh, Y. 100838
Takano, R. *see* Tsuboyama, T. 100836
Takano, S. *see* Hama, H. 96460
Takano, S. *see* Kimura, K. 96474
Takano, S. *see* Tomida, S. 78934
Takano, S. *see* Toyama, J. 89410
Takano, T. Development of residential elevators 91889
Takano, T., Tomikawa, Y., Aoyagi, M., Kusakabe, C. Piezoelectric actuators driven by the saw-tooth-like motion of a stator 101605
Takano, T. *see* Aoyagi, M. 102764
Takano, T. *see* Hara, K. 80005
Takano, T. *see* Ohashi, T. 101829
Takano, Y., Murakami, H., Sakai, T., Kuriyama, T., Takahashi, K. A 40-in. DC-PDP with new pulse-memory drive scheme 89431
Takano, Y., Sasaki, T., Nagaki, Y., Kuwahara, K., Fuke, S., Imai, T. Two-step growth of InP on GaAs substrates by organometallic vapor phase epitaxy 92752
Takano, Y., Yaezaki, S., Matsumoto, K., Nishizawa, N., Yamada, H. Thrust simulation of a linear oscillatory actuator 102931
Takano, Y. *see* Saitoh, H. 80854
Takano, Y. *see* Seki, M. 109915
Takao, H., Matsumoto, Y., Ishida, M., Nakamura, T., Tanaka, H., Hee-Don Seo Three-dimensional vector accelerometer using SOI structure for high-temperature use 110100
Takao, K., Kusukawa, K. Low-cycle fatigue behavior of commercially pure titanium 113519
Takao, M., Hashimoto, S., Sasaki, S., Miyahara, Y. Analytical formulation of a quasi-periodic undulator 100453
Takao, M., Miyahara, Y. Expected radiation spectra of a 30-m long undulator in SPring-8 100452
Takao, M., Naitoh, T., Endo, Y., Ohnawa, Y., Maemura, A. C&C Internet Service mesh 118325
Takao, T., Tsukamoto, O., Hirao, T., Morita, M., Ikeda, B. Quench characteristics of rotor winding of superconducting generator in static and rotating conditions 102604
Takao, T. *see* Sato, S. 91561
Takao, Y. *see* Egashira, M. 119766
Takaoka, A. *see* Haibo Zhang 114155
Takaoka, A. *see* Katsuta, T. 62658
Takaoka, A. *see* Nishi, R. 94210
Takaoka, D., Iwaki, T., Yamada, M., Tsukamoto, K. Development of a transfer supporting equipment–applying power assist control 90559
Takaoka, G.H. *see* Kawashitga, M. 110918
Takaoka, K. *see* Udagawa, T. 101416
Takaoka, S. *see* Ishida, S. 94998
Takaoka, S. *see* Tsukagoshi, K. 94530
Takaoka, T. *see* Kusunoki, I. 113480
Takaoka, Y., Mizoguchi, R. Identification of ontologies to reuse knowledge for substation fault recovery support system 112152
Takara, H., Kawanishi, S., Saruwatari, M. Optical signal eye diagram measurement with subpicosecond resolution using optical sampling 88600
Takara, H. *see* Kawanishi, S. 68376
Takara, H. *see* Kawanishi, S. 88647
Takara, H. *see* Morioka, T. 68369
Takara, H. *see* Morioka, T. 78783
Takara, H. *see* Morioka, T. 88644
Takara, H. *see* Uchiyama, K. 118740

Takara, T., Higa, K., Matayoshi, N. Connected spoken word recognition using multistate Markov model for the feature vector 97602
Takarada, T. *see* Noguchi, H. 115106
Takaragi, K. *see* Hashimoto, H. 98648
Takasago, H. *see* Takahashi, S. 89393
Takasaki, K., Sugimura, T., Tanaka, S. Comparison of sea traffics in Tokyo and Osaka Bays with JERS-1/OPS data 111253
Takasaki, K. *see* Awaji, N. 84131
Takasaki, K. *see* Ishizaki, A. 100324
Takasaki, K. *see* Sugino, R. 114826
Takasaki, M., Hayashi, T. Effect of HVDC system with self-commutated converter for enhancing transmission capability 81016
Takasaki, M. *see* Yamanoi, Y. 90050
Takasaki, S. *see* Logvenov, G.Yu. 106662
Takase, A. *see* Sakurai, Y. 98997
Takase, E. *see* Tomita, H. 101027
Takase, F., Ueda, Y. Nonlinear modeling of air-gap flux density distribution in a synchronous generator with magnetic saturation 111914
Takase, J. Loss probability in distributed-type communication networks through semishortest routing: for connectionless services 87483
Takase, M. *see* Mizuno, B. 105550
Takase, S. *see* Ogihara, H. 73331
Takashi, S., Takashi, S., Kameyama, H. Mini-OTDR providing wide dynamic range 119558
Takashi, S. *see* Takashi, S. 119558
Takashi, T. *see* Mita, S. 75261
Takashi Watanabe *see* Ken Ohta 78229
Takashibu, M. *see* Nakao, Z. 108454
Takashige, M. *see* Suzuki, H. 103121
Takashima, A. *see* Matsumoto, T. 100210
Takashima, H. *see* Fujimori, A. 121098
Takashima, H. *see* Qing Zhang 94406
Takashima, H. *see* Quing Zhang 105195
Takashima, N. *see* Sameshima, T. 94667
Takashima, R. *see* Unno, Y. 80035
Takashima, R. *see* Unno, Y. 100858
Takashima, S. *see* Kahara, T. 71206
Takashima, T. *see* Sasaki, H. 83277
Takashima, T. *see* Yoshimoto, S. 100605
Takashima, Y., Takahashi, A., Kajitani, Y. Detailed-routability of FPGAs with extremal switch-block structures 73221
Takashina, H. *see* Tajima, T. 100491
Takasu, H., Sasaki, F., Kawasaki, H., Tokuda, H., Kamihashi, S. W-band SPST transistor switches 93840
Takasu, I. *see* Matsuda, H. 106532
Takasu, N. *see* Yamaoka, H. 90189
Takata, H. *see* Shiraishi, T. 118693
Takata, I. An observation of large and long current pulses below the breakdown voltage of PIN diode 105869
Takata, K. Strain-imaging observation of a Pb(Zr,Ti)O$_3$ thin film 69513
Takata, K. *see* Higo, T. 79852
Takata, M. *see* Shimizu, Y. 63650
Takata, S. *see* Ishii, M. 104168
Takata, S. *see* Minami, T. 92796
Takata, S. *see* Minami, T. 92797
Takata, S. *see* Minami, T. 95624
Takata, S. *see* Minami, T. 106988
Takata, T. *see* Kasami, T. 66473
Takata, T. *see* Yamamoto, H. 66397
Takata, Y. *see* Matsuo, H. 90613
Takatani, S. *see* Takazawa, I. 84128
Takato, H. *see* Tsuchiaki, M. 63354
Takato, N. *see* Jinguji, K. 119193
Takato, N. *see* Takagi, A. 106817
Takatomi, T. *see* Higo, T. 100669
Takatori, K., Sumiyoshi, K. Splayed TN configuration stability in domain-divided TN mode [LCD] 100245
Takatori, K. *see* Suzuki, T. 89293
Takatori, M., Nakano, Y., Ashi, Y., Fujita, H. Switch architecture suitable for all types of SONET self-healing rings 68507
Takatori, M. *see* Sakurai, Y. 98997
Takatori, S. *see* Asano, K. 106565
Takatsu, H. *see* Hasebe, P. 119812
Takatsu, H. *see* Hashimoto, T. 89347
Takatsu, M. *see* Onoye, T. 114003
Takatsu, M. *see* Yokoyama, N. 63824
Takatsu, N., Gotoh, S., Miyauchi, H., Horii, H., Komuro, K., Sato, T. Development of fine pitch ILB for TCPs 73900
Takatsu, N., Horii, H., Gotoh, S., Sato, T. Development of fine pitch inner lead bonding TCP for LCD driver IC 82196
Takatsuji, T., Tanaka, K. A procedure for scaling sensory attributes based on multidimensional measurements: application to sensory sharpness of kitchen knives 79203
Takatsuka, K. *see* Yoshida, Y. 91683
Takatsuka, S. *see* Watanabe, S. 73748
Takatuka, S. *see* Watanabe, S. 93807
Takau, K., Bao Ermin, Inoue, W. Torque measurement using stator voltages and currents of a PWM invertor fed induction motor 91507
Takauchi, H., Yoshida, A., Tamura, H., Yoshida, C., Hato, T., Yokoyama, N. Mobility of Nb-doped SrTiO$_3$ films deposited by laser ablation 82721
Takawira, F. *see* Rajaratnam, M. 118003
Takaya, H., Kambayashi, T. The analysis of polarization-insensitive characteristics for semiconductor optical amplifiers with tensile strained multiple quantum wells 116502
Takaya, K., Tannous, C.G., Li Yuan Information preserved guided scan pixel difference coding for medical images 80319
Takaya, K. *see* Zurburg, D. 77899
Takaya, Y. *see* Miyoshi, T. 119881
Takaya, Y. *see* Shimamoto, S. 95590
Takayama, A. *see* Xinhua Ye 64465
Takayama, H. *see* Fukuda, H. 98924
Takayama, H. *see* Tsuji, M. 85908
Takayama, J., Ogawa, K., Sato, C., Kawasaki, H., Mugitani, S., Kase, I. A subscriber line testing method of POTS and ISDN in fiber optical access network 118661
Takayama, J., Ohtsubo, Y., Iwamoto, M., Arita, I. N-ISDN and POTS subscriber line testing systems for optical access network 78757
Takayama, K. *see* Hashimoto, S. 107384
Takayama, K. *see* Mitsui, H. 79765
Takayama, K. *see* Saito, K. 96518
Takayama, K. *see* Shiho, M. 96551
Takayama, N. *see* Morisawa, Y. 63269
Takayama, N. *see* Yoshie, K. 79118
Takayama, R. *see* Fujii, S. 69179
Takayama, R. *see* Kanno, I. 92858
Takayama, S. *see* Kariya, K. 119515
Takayama, S. *see* Takeuchi, Y. 64652
Takayama, T., Imafuji, O., Hashimoto, T., Yuri, M., Yoshikawa, A., Itoh, K. 120 mW high-power low-noise GaAlAs multiple-quantum-well laser diodes with a new real refractive index guided self-aligned structure 65272
Takayama, T., Imafuji, O., Kouchi, Y., Yuri, M., Yoshikawa, A., Itoh, K. 100-mW high-power angled-stripe superluminescent diodes with a new real refractive-index-guided self-aligned structure 116270
Takayama, T. *see* Jongen, Y. 101424
Takayama, T. *see* Takamatsu, H. 80041
Takayama, T. *see* Takamatsu, H. 100907
Takayanagi, H., Akazaki, T., Nitta, J. Observation of the quantized critical current in a superconducting quantum point contact 105369
Takayanagi, H. *see* Akazaki, T. 62898
Takayanagi, H. *see* Akazaki, T. 84468
Takayanagi, H. *see* Harada, Y. 115927
Takayanagi, H. *see* Volkov, A.F. 84892
Takayanagi, N. *see* Yamamoto, T. 98895
Takayanagi, S. *see* Kudo, Y. 69392
Takayanagi, S. *see* Kudo, Y. 69393
Takayanagi, T., Nogami, K., Hatori, F., Hatanaka, N., Takahashi, M., Ichida, M., Kitabayashi, S., Higashi, T., Klein, M., Thomson, J., Carpenter, R., Donthi, R., Renfrow, D., Zheng, J., Tinkey, L., Maness, B., Battle, J., Purcell, S., Sakurai, T. 350 MHz time-multiplexed 8-port SRAM and word size variable multiplier for multimedia DSP 73424
Takayasu, M. *see* Deis, G. 106719
Takayasu, M. *see* Jeong, S. 95578
Takayasu, M. *see* Sangkwon Jeong 106713
Takayasu, T. *see* Watanabe, K. 110471
Takazawa, H. *see* Kagaya, O. 63728
Takazawa, I., Takatani, S., Yamamoto, S. ArF-excimer-laser-assisted highly selective etching of InGaAs/InAlAs using HBr and F$_2$ gas mixture 84128
Take, T. *see* Fujita, M. 112606
Takebayashi, M. *see* Nomura, T. 106464
Takebayashi, T. *see* Kodama, H. 111842
Takebayashi, Y. *see* Hayashi, R. 112891
Takebe, T., Fujii, M., Yamamoto, T., Fujita, K., Kobayashi, K., Watanabe, T. Facet generation during molecular beam epitaxy of GaAs/AlGaAs multilayers on GaAs (111)A patterned substrates 72821
Takebe, T. *see* Negoto, K. 83217
Takebe, T. *see* Tanabe, K. 91196
Takechi, K., Kitani, I., Arii, K. Measurement of three dimensional electric field distribution in liquid dielectrics using Kerr effect 74995
Takechi, K. *see* Nakanishi, H. 83717
Takechi, M., Kuroda, S. Evaluation of influence of external magnetic disturbance on superconducting magnet taking conservation of linkage flux into account 75369
Takeda, E. Reliability challenges for giga-scale integration 95131
Takeda, E., Nishino, T. Study of the magnetic coupling between a SQUID and wires integrated on a chip 64540
Takeda, E. *see* Asai, S. 115331
Takeda, E. *see* Matsuoka, S. 100236
Takeda, F. Broadbanding of feed horn utilizing corrugated waveguide with two kinds of slots 76531
Takeda, H., Billen, J.H., Nath, S., Stovall, J.E., Wood, R.L., Young, L.M. A compact high-power proton linac for radioisotope production 89726
Takeda, H., Murata, Y. Change in charging characteristics of high polymers due to plasma treatment 116812
Takeda, H., Stovall, J.E. Modified PARMILA code for new accelerating structures 89965
Takeda, H. *see* Billen, J.H. 89725
Takeda, H. *see* Chan, K.C.D. 76065
Takeda, H. *see* Inamura, K. 90475
Takeda, H. *see* Krawczyk, F.L. 89949
Takeda, H. *see* Masaki, A. 76157
Takeda, H. *see* Shimamura, K. 82579
Takeda, I. *see* Tamura, J. 121453
Takeda, K. Large scale gas leak location method for pressurized subscriber cable networks 78244
Takeda, K. 66 kV compact substation delivered to Abiko Research Laboratory of Central Research Institute of Electric Power Industry 121813
Takeda, K., Harada, T., Yamaguchi, K., Yamada, S., Maruoka, M., Araki, Y. Development 8 pin SOP power MOS FET for portable machine 74737
Takeda, K., Hikita, H., Kimura, Y., Yokomichi, H., Morigaki, K. Dispersive processes in the annealing of light- and thermally-induced dangling bonds in a-Si:H 94404
Takeda, K., Shibata, B., Tsuge, Y., Matsuyama, H. The improvement of fault diagnosis algorithm using signed directed graph 103514
Takeda, K., Sugata, M., Moriwaki, T., Uehara, T. A decentralized power-system control system 80862
Takeda, K. *see* Akahori, N. 67719
Takeda, K. *see* Ito, M. 111476
Takeda, K. *see* Kuhara, S. 73351
Takeda, K. *see* Nagai, N. 80880
Takeda, K. *see* Nagai, N. 102923
Takeda, M., Horii, S., Hochi, A. Plasma spectroscopic study of an electrodeless HID lamp contained with TlI and Zn 104985
Takeda, M., Kawaguchi, T., Okano, M., Imaya, A. A 6.4-in.-diagonal color TFT-LCD module suitable for personal information tools 100191
Takeda, M., Murakami, S., Iizuka, A., Mochinaga, Y. Development of three-phase unbalance voltage fluctuation compensating system using self-commutated static VAr compensator 112562
Takeda, M. *see* Nakaya, T. 95717
Takeda, M. *see* Shimizu-Iwayama, T. 94265
Takeda, M. *see* Shimizu-Iwayama, T. 94663
Takeda, M. *see* Taura, K. 109866
Takeda, M. *see* Tomomatsu, Y. 105870
Takeda, M. *see* Yamazaki, T. 63961
Takeda, M. *see* Yoshida, Y. 91106
Takeda, N., Kudo, K. Nonlinearity of pulse height of recoil helium in ^{3}He proportional counters 100872
Takeda, N., Ryu, S., Akiba, S. 2.5 Gbit/s, 8-channel, 1056 km densely spaced coherent WDM transmission experiment 68370
Takeda, N., Tsukamoto, R., Ohtsubo, T. Introducing Teledome service: making effective use of the network infrastructure in the age of multimedia 87946
Takeda, N. *see* Goto, K. 68396
Takeda, N. *see* Hirano, S. 69932
Takeda, N. *see* Kudo, K. 101461
Takeda, O. *see* Shintake, T. 89649
Takeda, R. *see* Lei Zhong 94632
Takeda, R. *see* Shirai, H. 100310
Takeda, S., Nanri, K., Fujioka, T. Industrial and reverse-industrial applications of COIL 103418
Takeda, S. *see* Kakihara, T. 78592
Takeda, S. *see* Nanri, K. 116797
Takeda, S. *see* Noda, Y. 81358
Takeda, T., Hozumi, N., Suzuki, H., Okamoto, T., Watanabe, K., Watanabe, A., Miyata, H. Space charge evolution in acetophenone impregnated LDPE sheets 64148
Takeda, T., Maeda, T., Yuasa, T., Ito, T., Sakamoto, K., Wu, J., Hyodo, K., Dilmanian, F.A., Akatsuka, T., Itai, Y. Fluorescent scanning X-ray tomographic image with monochromatic synchrotron X-ray 69943
Takeda, T., Mori, S., Fujiwara, H. Influence of thickness of methyl-orange-doped polyvinyl alcohol film on phase-conjugate matched filtering 86991
Takeda, T., Yamada, M., Nakagawa, K., Fujiwara, H. Polarization property of phase conjugate wave by a polymer film doped with two kinds of dyes 85656
Takeda, T. *see* Eunjoo Kim 64139
Takeda, T. *see* Eunjoo Kim 64140
Takeda, T. *see* Hozumi, N. 70917
Takeda, T. *see* Imaizumi, Y. 69448
Takeda, T. *see* Ino, M. 73249
Takeda, T. *see* Kawana, T. 106535
Takeda, T. *see* Kim, E.J. 84702
Takeda, T. *see* Onodera, S. 64435
Takeda, T. *see* Yada, H. 64417
Takeda, Y. *see* Arai, S. 79811
Takeda, Y. *see* Kanno, R. 121840
Takeda, Y. *see* Morimoto, S. 91781
Takeda, Y. *see* Morimoto, S. 103082
Takeda, Y. *see* Morimoto, S. 121459
Takeda, Y. *see* Morimoto, S. 121954
Takeda, Y. *see* Nakata, H. 61200
Takeda, Y. *see* Sanada, M. 71352
Takeda, Y. *see* Tabuchi, M. 61203
Takeda, Y. *see* Tabuchi, M. 103909
Takeda, Y. *see* Yamamoto, O. 81791
Takefuji, Y. *see* Tsuchiya, K. 113915
Takegaki, M. *see* Lauer, H.C. 118397
Takegawa, Y. *see* Enta, Y. 82656
Takegawa, Y. *see* Enta, Y. 105700
Takeguchi, T. *see* Nakayama, H. 113345
Takehara, H. *see* Maeda, M. 73719
Takehara, J. *see* Takahashi, N. 95335
Takehara, J. *see* Takahashi, N. 102179
Takehara, Y. *see* Tanaka, N. 68842
Takehara, Z., Shiraishi, S., Kanamura, K. Electrochemical deposition of blue lithium on a Ni substrate in nonaqueous electrolyte 81663
Takehara, Z. *see* Ioroi, T. 81811

Takehara, Z. *see* Kanamura, K. 81703
Takehara, Z. *see* Komaki, A. 91717
Takei, F. *see* Fujii, T. 83341
Takei, H., Shimizu, N. A novel all-optical device capable of processing excitatory and inhibitory signals 85203
Takei, H. *see* Kimura, S. 79680
Takei, K. *see* Ishii, O. 64309
Takei, K. *see* Ito, N. 111732
Takei, K. *see* Senda, M. 115732
Takei, T. *see* Seki, M. 109915
Takeiri, Y. *see* Tanaka, M. 120121
Takeishi, H. *see* Ishibashi, A. 72777
Takeishi, T. *see* Teramura, M. 113794
Takekara, Z. *see* Kanamura, K. 112296
Takekawa, K., Suzuki, Y., Matsuura, Y. Development of stagger lead QFP with resin dam-bar leadframe 72307
Takekoshi, T. *see* Knize, R.J. 97961
Takemasa, K. *see* Takamori, T. 94493
Takemi, M., Kimura, T., Suzuki, D., Shiba, T., Shibata, K., Mihashi, Y., Takamiya, S., Aiga, M. MOCVD regrowth of InP on RIE patterned substrates for p-substrate 1.3 μm BH laser application 103842
Takemi, M. *see* Ishimura, E. 78743
Takemori, K., Shiokawa, S., Sasase, I. Performance analysis of input and output queueing packet switch with multiple priority classes 77716
Takemori, K. *see* Umayabashi, M. 98431
Takemori, T. *see* Xin Lin 86895
Takemoto, A. *see* Watanabe, H. 65356
Takemoto, A. *see* Watanabe, H. 68413
Takemoto, C. *see* Velikov, D. 115046
Takemoto, C. *see* Velikov, D. 115085
Takemoto, I. *see* Aihara, Y. 111555
Takemoto, M. *see* Cho, H. 89574
Takemoto, M. *see* Cho, H. 104216
Takemoto, M. *see* Hayashi, K. 82793
Takemoto, M. *see* Joo-Hyong Noh 83967
Takemoto, M. *see* Kim, S.J. 105341
Takemoto, M. *see* Seong-Jin Kim 105328
Takemoto, T. *see* Kim, J.-D. 116789
Takemoto, T. *see* Kim, J.-D. 116790
Takemura, A., Ito, M. Tissue extraction from ultrasonic image by prediction filtering 120397
Takemura, H. *see* Araki, S. 86850
Takemura, H. *see* Suzuki, S. 87018
Takemura, K. *see* Anzaki, T. 84389
Takemura, K. *see* Sato, T. 109761
Takemura, M. *see* Ida, S. 63444
Takemura, M. *see* Tanoi, T. 62720
Takemura, N. *see* Adachi, K. 80867
Takemura, O. *see* Itoh, A. 105481
Takemura, Y., Masuda, S., Yamada, T., Kakuno, K. Propagation and reflection properties of magnetoelastic wave in FeSiB amorphous wire 64245
Takemura, Y., Tomita, S., Takesue, T., Nagai, Y., Kato, S. A white blood cell classification system by opto-electronic spatial frequency analysis 90487
Takenaka, A. *see* Yang, K.H. 64826
Takenaka, H. *see* Yasuda, H. 102037
Takenaka, M. *see* Kunikiyo, T. 74096
Takenaka, M. *see* Nomura, M. 101709
Takenaka, M. *see* Uchibori, M. 82010
Takenaka, N., Asano, H., Fujii, T., Motomura, Y., Ono, A., Matsubayashi, M., Tsuruno, A. Liquid metal flow measurement by neutron radiography 110447
Takenaka, N., Asano, H., Fujii, T., Murata, Y., Mochiki, K., Taguchi, A., Matsubayashi, M., Tsuruno, A. Void fraction distribution measurement in two-phase flow by real-time neutron radiography and real-time image processing 110446
Takenaka, N., Asano, H., Fujii, T., Wada, T., Matsubayashi, M., Tsuruno, A. Three-dimensional void fraction measurement of two-phase flow in a rod bundle by neutron radiography 110445
Takenaka, N. *see* Mochiki, K. 108566
Takenaka, N. *see* Motomura, Y. 104239
Takenaka, O. *see* Noritake, C. 114592
Takenaka, S. *see* Hashizume, T. 89266
Takenaka, S. *see* Matsuo, M. 89373
Takenaka, T., Miyazaki, A., Matsuura, H. Wideband MMIC voltage controlled oscillator using active impedance load matching 93887
Takenaka, T. *see* Adachi, Y. 115418
Takenaka, T. *see* Ban, M. 104790
Takenaka, T. *see* Hayamizu, Y. 83785
Takenaka, T. *see* Kitagawara, Y. 84570
Takenaka, Y., Motoki, Y., Nishimae, J. High-power CO_2 laser using Gauss-core resonator for 6-kW large-volume TEM_{00} mode operation 92180
Takeno, J., Rembold, U. Stereovision systems for autonomous mobile robots 98171
Takenobu, K. *see* Hattori, M. 81754
Takenoshita, H. *see* Kobayashi, M. 74853
Takenouchi, A. *see* Ikeo, I. 102993
Takenouchi, H., Kagawa, T., Ohiso, Y., Tadokoro, T., Kurokawa, T. Laterally oxidised InAlAs-oxide/InP distributed Bragg reflectors 107241
Takenouchi, H. *see* Ohiso, Y. 96279
Takenouchi, H. *see* Sawada, K. 69197
Takenouchi, O. *see* Matsuo, H. 91206
Takenouti, H. *see* Bernard, M.C. 121841
Takeo, A. *see* Tagawa, I. 106547
Takeo, M., Kuroda, K., Matsuo, M., Sato, S., Shikimachi, K., Wang, Q. Development of a quick response persistent current switch [for SMES] 103044
Takeo, M. *see* Akhmetov, A.A. 95417
Takeo, M. *see* Akhmetov, A.A. 95426
Takeo, M. *see* Kiss, T. 113424
Takeo, M. *see* Koike, N. 113797
Takeo, M. *see* Nishioka, T. 91192
Takeo, M. *see* Satow, T. 95514
Takeo, M. *see* Tsutsumi, K. 91773
Takeo, M. *see* Yasukawa, Y. 95549
Takeo, T., Satoh, K., Kondoh, M., Aoyama, S., Kanie, T., Itoh, H., Hattori, H. Fiber intensity noise in lightwave VSB-AM CATV systems that employ a small number of transmission channels 88843
Takeo, T. *see* Hattori, H. 76280
Takeo, T. *see* Ono, S. 82709
Takeshima, H. *see* Fukuhara, S. 121201
Takeshima, S. *see* Shams-Kolahi, W. 94417
Takeshima, T. *see* Ohashi, T. 99891
Takeshima, T. *see* Ohkawa, M. 73346
Takeshita, A. *see* Uesaka, M. 91775
Takeshita, F. *see* Saito, H. 119809
Takeshita, F. *see* Yamamoto, H. 79625
Takeshita, H. *see* Kushiya, K. 112392
Takeshita, H. *see* Shimatani, N. 114892
Takeshita, H. *see* Tsuchiya, M. 107256
Takeshita, K. *see* Odagiri, H. 104560
Takeshita, K. *see* Shikida, M. 76355
Takeshita, K. *see* Takada, A. 73456
Takeshita, M. *see* Hamao, F. 103129
Takeshita, O.Y. *see* Morelos-Zaragoza, R. 119432
Takeshita, T., Ichikawa, M., Matsui, N., Yamada, E., Mizutani, R. Initial rotor position estimation of sensorless salient-role brushless DC motor 102739
Takeshita, T., Matsui, N. Sensorless control and initial position estimation of salient-pole brushless DC motor 91548
Takeshita, T., Morimoto, K. Anisotropic Nd-Fe-B bonded magnets made from HDDR powders 64264
Takeshita, T., Oku, S. Gain characteristics of optical-gate switches using InGaAs/GaAs strained-layer quantum wells 75769
Takeshita, T. *see* Kakino, Y. 81933
Takesue, T. *see* Takemura, Y. 90487
Takesue, T. *see* Torikai, T. 111610
Takesuye, J., Deuty, S. Insulated gate bipolar transistor fundamentals 74715
Taketa, K. *see* Sudo, S. 105676
Taketa, Y. *see* Abe, O. 89033
Taketani, A. *see* Chung, Y. 100613
Taketani, M. *see* Sugihara, H. 90507
Takeuchi, A., Kumagai, Y., Tsuchiya, H., Kurihara, M., Kawabe, M., Hasegawa, F. Initial stage of cubic GaN film growth on (001)GaAs by MOMBE using MMHy and TEG 104060
Takeuchi, A., Ohtsu, S., Muroyama, S. Analysis of steady-state characteristics in a push-pull current-fed high-power factor converter using a two-input-winding transformer technique 102879
Takeuchi, A., Ohtsu, S., Muroyama, S. A zero-voltage-switching controlled high-power-factor converter for DC uninterruptible power supply 121725
Takeuchi, A. *see* Inoue, A. 64252
Takeuchi, A. *see* Inoue, A. 64274
Takeuchi, A. *see* Inoue, A. 95343
Takeuchi, A. *see* Inoue, A. 115582
Takeuchi, D. *see* Yamada, I. 84118
Takeuchi, F., Hirate, T. Visual recognition system for LCD outer lead bonder 82261
Takeuchi, H., Nagano, H., Wada, Y., Torikai, M., Shiraishi, K., Kutani, M. 14 MHz preamplifier IC with photo diode for CD-ROM 73128
Takeuchi, H. *see* Ikeda, H. 100804
Takeuchi, H. *see* Yoshida, Y. 91110
Takeuchi, I., Warburton, P.A., Trajanovic, Z., Lobb, C.J., Dong, Z.W., Venkatesan, T., Bari, M.A., Booij, W.E., Tarte, E.J., Blamire, M.G. Fabrication of in-plane aligned a-axis oriented $YBa_2Cu_3O_{7-x}$ trilayer Josephson junctions 84886
Takeuchi, I. *see* Talyansky, V. 75360
Takeuchi, J., Kawabata, T. Approximation of Bayes code for Markov sources 66441
Takeuchi, J.-I. Characterization of the Bayes estimator and the MDL estimator for exponential families 66194
Takeuchi, K., Adachi, N. A computing method to locate the roots of interval polynomials 82357
Takeuchi, K., Mizuhara, A. Scanning tunnelling optoelectronic microscope with 2 ps time resolution 110040
Takeuchi, K., Mizuhara, A. 2ps electric pulse measurement using scanning tunneling/force optoelectronic microscope 119577
Takeuchi, K., Tanaka, T., Nakamura, H. A double-level-V_{th} select gate array architecture for multilevel NAND flash memories 61902
Takeuchi, K., Tanaka, T., Nakamura, H. A double-level-V_{th} select gate array architecture for multilevel NAND flash memories 93384
Takeuchi, K. *see* Endo, M. 81717
Takeuchi, K. *see* Hasebe, P. 119812
Takeuchi, K. *see* Kikuchi, M. 80434
Takeuchi, K. *see* Kondo, H. 120938
Takeuchi, K. *see* Ochiai, B.Y. 84365
Takeuchi, K. *see* Oda, T. 100029
Takeuchi, K. *see* Tegoshi, Y. 61545
Takeuchi, M., Hase, Y., Ohuchi, C., Mineno, H., Nishida, M., Saito, H., Obara, N., Nishigaki, T. Mobile/personal terminals for COMETS advanced mobile satellite communication experiment 68258
Takeuchi, M., Kubono, T. Experiment on the radiated magnetic field caused by a breaking arc 62554
Takeuchi, M., Kubono, T. Multichannel spectroscopic measurement system (MSMS) and its application to measurement of the temperature in breaking arc of electrical contact 119927
Takeuchi, M., Nakagawa, M. A delay lock loop using delay path cancellation for mobile communications 78425
Takeuchi, M., Odagawa, H., Tanaka, M., Yamanouchi, K. SAW transducer configurations for reversing the directivity of NSPUDT substrates 111355
Takeuchi, M. *see* Funada, M. 93906
Takeuchi, M. *see* Isobe, S. 68343
Takeuchi, M. *see* Kim, S.J. 105341
Takeuchi, M. *see* Kurokawa, Y. 73454
Takeuchi, M. *see* Masui, M. 64590
Takeuchi, M. *see* Morisawa, Y. 63269
Takeuchi, M. *see* Nishibe, Y. 122061
Takeuchi, M. *see* Sakata, M. 75034
Takeuchi, M. *see* Satoh, M. 64892
Takeuchi, M. *see* Seong-Jin Kim 105328
Takeuchi, M. *see* Tsujino, J. 95326
Takeuchi, M. *see* Wakabayashi, S. 74923
Takeuchi, N. *see* Matsushita, K. 81152
Takeuchi, N. *see* Matsuzawa, T. 116221
Takeuchi, N. *see* Miyazaki, M. 86016
Takeuchi, N. *see* Nakamura, Y. 94326
Takeuchi, N. *see* Ueda, T. 112036
Takeuchi, R. *see* Hotta, K. 95359
Takeuchi, S., Tate, H., Goto, S. Implementation concepts of multimedia service navigation system (MSNS) 109194
Takeuchi, S. *see* Ebine, N. 110135
Takeuchi, S. *see* Nakahara, K. 118085
Takeuchi, S. *see* Takahashi, K. 70242
Takeuchi, T., Kore-Eda, T., Ebina, A. Surface barriers formation mechanism of the chemically etched CdTe(111) polar surfaces and gold interfaces 105468
Takeuchi, T., Semmoto, S., Fukada, S. A PHS field experiment in Washington DC 99209
Takeuchi, T. *see* Hanai, S. 96975
Takeuchi, T. *see* Ikebukuro, K. 110236
Takeuchi, T. *see* Inoue, K. 96969
Takeuchi, T. *see* Ishikawa, H. 88571
Takeuchi, T. *see* Koike, H. 75061
Takeuchi, T. *see* Tezuka, M. 96976
Takeuchi, T. *see* Tsuji, M. 72820
Takeuchi, T. *see* Yamada, N. 75997
Takeuchi, T. *see* Yoshikawa, T. 84157
Takeuchi, Y. Thermodynamic analysis of WDM fiber couplers fabricated by using a microheater 106796
Takeuchi, Y. Integration of HYPERMS and WWW 118586
Takeuchi, Y., Akai, K., Akasaka, N., Ezura, E., Kageyama, T., Naito, F., Shintake, T., Yamazaki, Y. HOM absorber for the KEKB normal conducting cavity 100684
Takeuchi, Y., Hamano, S., Kashima, F., Takayama, S. Optical fiber flaw detector 64652
Takeuchi, Y., Kawakami, S., Ikehara, A., Ibi, Y. A documentation management system for electric-power facilities 80865
Takeuchi, Y., Nagase, R., Mitachi, S. SC-type fixed optical attenuator using metal-ion-doped optical fiber 95684
Takeuchi, Y., Sameshima, K., Kuno, M., Miyamoto, T. MMOD and cybermall system 118331
Takeuchi, Y., Yamanouchi, K. A low loss SAW matched filter using unidirectional transducers under the compensation method of temperature deviations 104669
Takeuchi, Y., Zeng-Fu Wang, Ohnishi, N., Sugie, N. Real time visual tracking system mimicking saccadic movements 86650
Takeuchi, Y. *see* Alexandrof, V.A. 100628
Takeuchi, Y. *see* Baba, A. 85761
Takeuchi, Y. *see* Kageyama, T. 100671
Takeuchi, Y. *see* Kawai, H. 85209
Takeuchi, Y. *see* Murata, M. 61367
Takeuchi, Y. *see* Naito, F. 100687
Takeuchi, Y. *see* Nakanishi, T. 114507
Takeuchi, Y. *see* Okugi, T. 100782
Takeuchi, Y. *see* Tokura, N. 105718
Takeuchi, Y. *see* Yamazaki, Y. 100469
Takeuti, S. *see* Takahashi, K. 110304
Takeya, K. *see* Ino, M. 73249
Takeya, K. *see* Nishimura, K. 115340
Takeyama, H. *see* Takada, K. 89501
Takeyama, M., Kagomi, S., Noya, A., Sakanishi, K., Sasaki, K. Application of amorphous Cu-Zr binary alloy as a diffusion barrier in Cu/Si contact systems 83984
Takeyama, M., Noya, A., Sakanishi, K., Seki, H., Sasaki, K. Solid-phase reactions of diffusion barriers of Ti and TiN to copper layers on SiO_2 94816
Takeyama, M., Noya, A., Sase, T., Ohta, A., Sasaki, K. Properties of TaN_x films as diffusion barriers in the thermally stable Cu/Si contact systems 63145
Takeyama, M. *see* Ohta, A. 94827

Takeyama, S. Possibility of growing high quality very thin single CdTe crystals directly on mica 72835
Takezawa, M. *see* Uchibori, M. 82010
Takezawa, S. *see* Sasakawa, Y. 122024
Takezoe, H. *see* Furukawa, T. 85600
Takezoe, H. *see* Hoshi, H. 76155
Takezoe, H. *see* Kajikawa, K. 85593
Takezoe, H. *see* Shirota, K. 85589
Takezoe, H. *see* Yamada, T. 85594
Takezoe, H. *see* Yamada, T. 85622
Takezoe, N. *see* Yokotani, A. 104086
Takhtamirov, E.E. *see* Volkov, V.A. 62834
Taki, A., Honda, M., Ueda, Y., Suzuki, A. 41 cm pure flat color monitor tube system 100242
Taki, A. *see* Honda, M. 89215
Taki, H. *see* Ishikawa, T. 67989
Taki, H. *see* Watanabe, S.-I. 120540
Taki, K. *see* Matsumoto, Y. 73022
Taki, M. *see* Watanabe, S. 118680
Taki, T. *see* Koukitu, A. 72833
Taki, T. *see* Koukitu, A. 72834
Taki, Y. *see* Yoshii, K. 90566
Takigawa, A., Nishikawa, Y., Kubota, H., Ogata, Y., Matsumoto, M., Kanamori, H. Measurement of scattered X-ray spectrum for the evaluation of radiographic contrast 80288
Takigawa, A. *see* Arimura, H. 80216
Takigawa, T., Tanaka, H., Sano, Y. Low transmission loss prism for optical switches designed by means of optical power evaluation computer program 64653
Takiguchi, H. *see* Hisamune, K. 71070
Takiguchi, K., Okamoto, K., Moriwaki, K. Planar lightwave circuit dispersion equalizer 109651
Takiguchi, K. *see* Kawanishi, S. 68376
Takiguchi, K. *see* Kawanishi, S. 88647
Takiguchi, K. *see* Morioka, T. 68369
Takiguchi, K. *see* Morioka, T. 88644
Takiguchi, M. *see* Okabe, A. 115712
Takiguchi, S. *see* Fujita, M. 103137
Takiguchi, T. *see* Watanabe, H. 68413
Takiguchi, Y. *see* Kanemoto, A. 85121
Takiguchi, Y. *see* Nakano, Y. 119739
Takijma, M. On the structure of an SST Viterbi decoder for general rate (n−1)/n convolutional codes viewed in the light of syndrome decoding 117171
Takikawa, K. *see* Hara, K. 80005
Takimoto, I., Matsumoto, H., Kimura, M., Kagatani, T., Arakawa, T. A 0.35 μm CMOS embedded cell array 104429
Takimoto, K. *see* Yano, K. 62656
Takimoto, Y., Kotaki, M. Recent development of MM-wave applications in Japan 78341
Takimoto, Y., Yatsuka, H., Inoue, A., Yokoyama, T., Aoyagi, T., Ohata, K., Saito, T., Negishi, T., Okubo, N. 60 GHz short range transceivers and applications for minimum delay spread LAN 87750
Takimoto, Y. *see* Ohata, K. 88085
Takinami, N. *see* Okuyama, S. 69369
Takine, T. A nonpreemptive priority MAP/G/1 queue with two classes of customers 82382
Takine, T. *see* Ishizaki, F. 60789
Takine, T. *see* Ishizaki, F. 77613
Takine, T. *see* Kasahara, S. 82381
Takine, T. *see* Kawahara, K. 87353
Takine, T. *see* Sengupta, B. 72431
Takine, T. *see* Shimonishi, H. 87791
Takine, T. *see* Shimonishi, H. 118116
Takishima, Y. *see* Sakazawa, S. 108572
Takita, H. *see* Ikeda, H. 89248
Takita, I. *see* Furuhashi, T. 84598
Takita, K. *see* Funada, M. 93906
Takita, K. *see* Kuroda, S. 74400
Takita, K. *see* Uchino, T. 113309
Takita, K. *see* Yasukawa, Y. 95549
Takita, Y. *see* Ishihara, T. 71693
Takita, Y. *see* Ishihara, T. 79591
Takita, Y. *see* Ishihara, T. 81784
Takita, Y. *see* Ishihara, T. 81785
Takiuchi, Y. *see* Sasaki, H. 102425
Takiue, M. *see* Natake, T. 120175
Takiyama, M. *see* Takahashi, H. 118456
Takiyama, R. *see* Shingai, H. 108718
Takiyama, R. *see* Urahama, K. 76673
Takiyama, Y. *see* Hori, Y. 100407
Takiyasu, Y. *see* Asai, M. 79148
Takizawa, H., Shirai, Y., Miura, J. Selective refinement of 3-D scene description by attentive observation for mobile robot 77096
Takizawa, H. *see* Tanaka, K. 99783
Takizawa, K. *see* Fujikake, H. 75618
Takizawa, K. *see* Inoue, Y. 106987
Takizawa, K. *see* Murai, M. 121863
Takizawa, K. *see* Murai, M. 121875
Takizawa, M. *see* Shima, K. 87441
Takizawa, M. *see* Tachikawa, T. 87445
Takizawa, M. *see* Tanaka, K. 87448
Takizawa, R. *see* Daigo, M. 120105
Takizawa, T., Nakahara, M., Kikuno, E., Arai, S. Fabrication of 60 nm pitch ordered InP pillars by EB-lithography and anodization 63318
Takizawa, T. *see* Fukuyama, H. 91454
Takizawa, T. *see* Matsushita, H. 61138
Takizawa, Y., Fukasawa, A., Yamano, C., Fisher, R.E. Waveform speech coding for wideband CDMA radio system 108233
Takizawa, Y. *see* Fisher, R.E. 118897
Takizawa, Y. *see* Fukasawa, A. 68296
Takizawa, Y. *see* Kato, T. 68286
Takizuka, T. *see* Ninomiya 64569
Takkher, M.S., Gupta, S.P. A new approach to modelling of a static slip energy recovery drive 121961
Tako, T. *see* Yamashita, M. 76166
Takonoiri, S. *see* Iwata, T. 81758
Takorabet, N. *see* Laporte, B. 102759
Takoudis, C.G. *see* Chen, S. 63926
Takoudis, C.G. *see* I-Ming Ryan Lee 61251
Takriti, S., Birge, J.R., Long, E. A stochastic model for the unit commitment problem 102006
Taksaki, Y., Ohta, M., Sekiguchi, T. Upgrading strategies for super-multimedia networks and services 78201
Taksno, Y. Plasma technology approaches vision of wall hanging TVs 88831
Taktak, A., Record, P., Gadd, R., Rolfe, P. Data recovery from reduced electrode connection in electrical impedance tomography 101379
Taktak, R., Dufaut, M., Wolf, D., Husson, R. Analysis and inspection of road traffic using image processing 86618
Taku, N. *see* Matsuura, T. 91164
Takubo, Y., Sirasaki, M., Ikeda, T., Nakagawa, K., Hirano, I. Broad-area outdoor loudspeaker system 99806
Takubo, Y. *see* Kounos, T. 99565
Takubo, Y. *see* Ohtani, T. 100235
Takuma, H. *see* Shimauchi, M. 107075
Takuma, T., Kawamoto, T. Recent developments in electric field calculation 96890
Takuma, T. *see* Yashima, M. 81070
Takumi, I. *see* Nakanishi, T. 73558
Takura, A., Kanai, A. Completing protocols synthesized from service specifications 98467
Takushima, Y., Yamashita, S., Kikuchi, K., Hotate, K. Single-frequency, polarization-stable, Fabry-Perot fiber laser using a nonpolarization-maintaining fiber and an intracavity etalon 65100
Takyiu Liu *see* Chanh Nguyen 63632
Takyiu Liu *see* Long Tran 83463
Takyu, C. *see* Ito, H. 75658
Takyu, C. *see* Sato, M. 85710
Talaga, R.L. *see* Dawson, J.W. 100957
Talagrand, M. How much are increasing sets positively correlated? 92479
Talaie, A. *see* Esmaili, M. 110104
Talalaev, R.A. *see* Karpov, S.Yu. 103822
Talalakin, G.N. *see* Aidaraliev, M. 69339
Talalakin, G.N. *see* Aidaraliev, M. 116468
Talalakin, G.N. *see* Bresler, M.S. 116506
Talalakin, G.N. *see* Mikhailova, M.P. 116233
Talalakin, G.N. *see* Zotova, N.V. 96268
Talamas, G. *see* Cusco, R. 63239
Talamonti, J.J., Kay, R.B., Krebs, D.J. Numerical model estimating the capabilities and limitations of the fast Fourier transform technique in absolute interferometry 65590
Talanov, V.I. *see* Vlasov, S.N. 65794
Talapatra, G.B. *see* Parichha, T.K. 60818
Talaq, J., Al-Basri, F. Elimination of load buses in power flow solutions: application to the network of Bahrain 101904
Talaq, J.H., El-Hawary, F., El-Hawary, M.E. Static minimum emissions power flow 102424
Talbi, L. *see* Delisle, G.Y. 65861
Talbi, L. *see* Marinier, P. 118783
Talbot, J.B. *see* Malinowski, M.E. 74019
Talbot, N.L.C. *see* Cawley, G.C. 97583
Taleb, H. *see* Fourneau, J.M. 118524
Taleb, M., Kamal, A., Sowaied, A.J., Khan, M.R. An alternative active power filter 112108
Taleb-Ahmed, A., Reboul, S., Choquel, J.B., Dufrenois, F., Dubus, J.P. A new triangulation's method by coding contour 108585
Taleb-Ahmed, A. *see* Dufrenois, F. 108584
Taleb-Ibrahimi, A. *see* Aristov, V.Y. 114810
Talebian, M.A., Potz, W. Time-dependent current response of semiconductor multi-barriers 105275
Talele, S.E., Watson, J.S., Williams, B.D., Amphay, S.A. Tactical weapons algorithm development for unitary and fused systems 120943
Talesara, V.K. *see* Jain, B.P. 104855
Taleski, R., Rajicic, D. Energy summation method for energy loss computation in radial distribution networks 70874
Talhouet, H.de *see* de Talhouet, H.
Taliani, C. *see* Cacialli, F. 75759
Taliani, C. *see* Sberveglieri, G. 69370
Talin, A.A., Felter, T.E., Friedmann, T.A., Sullivan, P., Siegal, M.P. Electron field emission from amorphous tetrahedrally bonded carbon films 94171
Talin, A.A. *see* Morgan, B.A. 63122
Talintyre, J. The listening phone 86146
Talipov, N.Kh. *see* Ovsyuk, V.N. 64931
Talisa, S.H., Janocko, M.A., Meier, D.J., Talvacchio, J., Moskowitz, C., Buck, D.C., Nye, R.S., Pieseski, S.J., Wagner, G.R. High temperature superconducting space-qualified multiplexers and delay lines 93774
Talisa, S.H., Janocko, M.A., Meier, D.L., Moskowitz, C., Grassel, R.L., Talvacchio, J., LePage, P., Hira, G., Buck, D.C., Pieseski, S.J., Brown, J.C., Wagner, G.R. A high temperature superconducting four channel filterbank 84929
Talke, F.E. *see* Hawsung Kwon 115748
Talke, F.E. *see* Machcha, A.R. 106617
Talke, F.E. *see* Machcha, A.R. 115684
Talke, F.E. *see* Sharma, V. 115683
Talke, F.E. *see* Sookyung Kim 109946
Talke, F.E. *see* Sookyung Kim 115750
Talke, F.E. *see* Swann, A.C. 64401
Talke, F.E. *see* Wang, E.L. 115747
Talke, F.E. *see* Wu, Y. 75214
Talkhan, E.A. *see* Salama, A.E. 113998
Talla, M., Elhakeem, A.K., Kadoch, M. A new congestion control scheme for hybrid ATM/TDMA networks 77604
Talla, R. *see* Maly, K. 109249
Tallarida, G. *see* Fortunate, G. 63678
Tallent, J., Wang Song, Q., Li, Z., Stuart, J., Birge, R.R. Effective photochromic nonlinearity of dried blue-membrane bacteriorhodopsin films 106771
Tallents, G. *see* Smith, C.G. 107039
Tallents, G. *see* Zeitoun, Ph. 75781
Tallents, G.J. *see* Rus, B. 116314
Tallents, G.J. *see* Zhang, J. 96102
Tallerico, P.J. *see* Chan, K.C.D. 89690
Tallerico, P.J. *see* Rees, D. 100473
Tallerico, P.J. *see* Rees, D.E. 110524
Tallini, L.G., Capocelli, R.M., Bose, B. Design of some new efficient balanced codes 66382
Tallman, K.A. *see* Nguyen-Ngoc, D. 63964
Talman, R. *see* Mishra, C.S. 89832
Talmi, M. *see* Kanold, P. 99756
Talmi, M. *see* Karl, M. 93404
Talmi, M. *see* Ludwigs, M. 97915
Talmi, M. *see* Selinger, Th. 68892
Talneau, A. *see* Ougier, C. 96404
Taloi, L. *see* Cojoc, D. 87201
Talone, P. *see* Di Zenobio, D. 118571
Talover'ya, V.L. *see* Udod, E.I. 81130
Talowski, C., Waeckerle, Th. The development of {100} texture in Fe 3% Si electrical sheets 115579
Talucci, F. *see* Camarda, P. 119076
Talukdar, B.K. *see* Sachdev, M.S. 81034
Talukdar, S. *see* Morgan, M.G. 90987
Talukder, A. *see* Neiberg, L. 98039
Talukder, M., Fujita, S., Watanabe, T., Stenger-Smith, J., Lindsay, G., Wynne, K., Miyata, S. Study on conformations of polymeric Langmuir-Blodgett films prepared by using Kuhn type and moving wall type deposition systems 85588
Talvacchio, J. *see* Hunt, B.D. 75354
Talvacchio, J. *see* Talisa, S.H. 84929
Talvacchio, J. *see* Talisa, S.H. 93774
Talvitie, H., Aman, J., Ludvigsen, H., Pietilainen, A., Pendrill, L.R., Ikonen, E. Improved frequency stability of an external cavity diode laser by eliminating temperature and pressure effects 107291
Talvitie, H. *see* Aman, J. 99822
Talvitie, J. *see* Povey, G.J.R. 88170
Talwalkar, N., Lauritzen, P.O., Fatemizadeh, B., Perlman, D., Ma, C.L. A power BJT model for circuit simulation 115154
Talwar, S., Viberg, M., Paulraj, A. Blind separation of synchronous co-channel digital signals using an antenna array. I. Algorithms 68158
Talwar, S. *see* Kramer, K.-J. 105579
Talwar, S. *see* Verma, G. 84089
Talyanskii, V.I. *see* Shiltont, J.M. 74326
Talyansky, V., Ogale, S.B., Takeuchi, I., Doughty, C., Venkatesan, T. Experimental proof of the electronic charge-transfer mechanism in a $YBa_2Cu_3O_{7-x}$-based field-effect transistor 75360
Talyansky, V. *see* Ogale, S.B. 63693
Talyigas, J. *see* Mojzes, I. 92312
Tam, A.C., Pour, J.K., Nguyen, T., Krajnovich, D., Baumgart, P., Bennett, T., Grioropoulos, C. Experimental and theoretical studies of bump formation during laser texturing of Ni-P disk substrates 115759
Tam, F. *see* Fujimori, I. 114028
Tam, G. *see* Tu, S.L. 63716
Tam, G. *see* Tu, S.L. 105913
Tam, H. *see* Paul Kai Yiu Ko 119703
Tam, H.Y. *see* Weichong Du 64609
Tam, H.Y. *see* Zhao, Y. 78661
Tam, K.C. Exact Radon space based cone beam image reconstruction algorithm 77283
Tam, K.W., Wu, Y. On rate of convergence of some consistent estimates of the number of signals 117475
Tam, P. *see* Tu, S.L. 105913
Tam, P.K.S. *see* Ng, T.C.T. 121696
Tam, P.K.S. *see* Wong, L.K. 121768
Tam, P.M. *see* Tu, S.L. 63716
Tam, S.M., Cheung, K.C. Design optimization of an inertial sensor by genetic algorithms 99973
Tam, W.M. *see* Lau, F.C.M. 88344
Tam, W.Y. The characteristic impedance of a cylindrical strip line and a microstrip line 93687
Tam, W.Y., Lai, A.K.Y., Luk, K.M. Cylindrical rectangular microstrip antennas using slot coupling 97303
Tam, W.Y. *see* Poon, Y.W. 116801
Tam Kwa-Sur *see* Kwa-Sur Tam
Tamabechi, N. Yield enhancement of block-structured VLSIs by introducing redundancy and redundancy design of the VLSIs 63873
Tamada, N. *see* Fuchino, S. 102605
Tamada, N. *see* Higuchi, N. 102606
Tamada, N. *see* Ishii, I. 102600
Tamada, N. *see* Kajikawa, K. 102264
Tamada, N. *see* Nomura, H. 95572
Tamada, N. *see* Okano, M. 95618

Tamagaki, T. *see* Ito, E. 101440
Tamagawa, T. *see* Ishikawa, Y. 84191
Tamagawa, T. *see* Mallik, A. 74480
Tamagawa, Y. *see* Murata, T. 66792
Tamai, J. *see* Yoshikawa, H. 96744
Tamai, N. Laser-induced optical switching in the interface layer 96641
Tamai, S. *see* Okada, H. 83192
Tamai, S. *see* Sato, M. 91109
Tamai, T. Effect of silicone vapor and humidity on contact reliability of micro relay contacts 104917
Tamai, T., Aramata, M. Safe levels of silicone contamination for electrical contact 62418
Tamai, T., Aramata, M. Effect of silicone vapour concentration and its polymerization degree on electrical contact failure 114365
Tamai, T. *see* Tanaka, T. 122057
Tamai, Y. *see* Aharoni, H. 114689
Tamai, Y. *see* Nakada, A. 94626
Tamaki, A. *see* Feng-Hui Yao 86697
Tamaki, H., Kita, H., Iwamoto, T. Genetic algorithms. IV. Recent trends in evolutionary computation 60907
Tamaki, H. *see* Fukuda, I. 81708
Tamaki, H. *see* Maekawa, K. 92555
Tamaki, H. *see* Mizohata, S. 68900
Tamaki, J. *see* Chao-Nan Xu 100160
Tamaki, J. *see* Yamaura, H. 89182
Tamaki, M., Oda, M., Takahashi, K., Tanimoto, W., Funahashi, T. Study on neutron imaging techniques and processings for developing quantitative neutron radiography 104240
Tamaki, M. *see* Ikeda, Y. 104237
Tamaki, M. *see* Nakajima, T. 104238
Tamaki, M. *see* Santoso, B. 108567
Tamaki, N. *see* Tsuchida, T. 120371
Tamaki, R. *see* Nakamura, K. 73405
Tamaki, S., Murakami, K. A single-chip picture-in picture IC with field buffer memory 104573
Tamaki, S., Nasu, M., Yamada, T., Saito, K., Yanagawase, A. A one-chip picture-in-picture LSI with internal field-buffer memory 73406
Tamaki, T. Characteristics of mesophase pitch-based carbon fibers as anode materials for lithium secondary cells 112307
Tamaki, T. *see* Hirata, S. 67830
Tamaki, Y. *see* Kondo, M. 63628
Tamaki, Y. *see* Kondo, M. 74702
Tamaki, Y. *see* Shiba, T. 63638
Tamaki, Y. *see* Shiba, T. 94910
Tamaki, Y. *see* Shiba, T. 106244
Tamakloe, R.Y. *see* Singh, K. 71716
Tamakoshi, T. *see* Hirano, M. 81252
Tamamoto, H. *see* Wen Xiaoqing 61833
Tamamura, T. *see* Higurashi, E. 106270
Tamamura, T. *see* Notomi, M. 63041
Tamamura, T. *see* Notzel, R. 61296
Tamamura, T. *see* Shibata, Y. 78887
Tamamura, T. *see* Temmyo, J. 119443
Tamamura, T. *see* Yamada-Maruo, Y. 64600
Tamano, K. *see* Ishitani, H. 110282
Tamanuki, T., Sasaki, T., Kitamura, M. High power and narrow lateral far-field divergence 1.5-μm eye-safe pulsed laser diodes with flared waveguide 65230
Tamaoki, N., Van Keuren, A.E., Matsuda, H., Hasegawa, K., Yamaoka, T. Photoreversible optical nonlinearities of polymeric films containing spiropyran with long alkyl chains 95638
Tamaoki, N. *see* Sugitani, Y. 91978
Tamarapalli, J.R., Lemons, J.E. A new instrument for endoscopic release of the ulnar nerve in the cubital tunnel–a cadaveric investigation 70178
Tamarapalli, J.R., Meyer, R.D. Feasibility and limitations of the endoscopic instrumentation to release carpal ligament 70175
Tamargo, M.C. *see* Cavus, A. 75705
Tamargo, M.C. *see* Marquezini, M.V. 105428
Tamari, K. *see* Doi, T. 64367
Tamari, K. *see* Yamamoto, S. 64426
Tamarit, J. *see* Calero, J. 89547
Tamarri, F. *see* Scorzoni, A. 115028
Tamaru, K. *see* Guangqiu Chen 93294
Tamaru, M. *see* Nomura, T. 87237
Tamasevicius, A., Mykolaitis, G., Cenys, A., Namajunas, A. Synchronisation of 4D hyperchaotic oscillators 93176
Tamasevicius, A., Mykolaitis, G., Namajunas, A. Double scroll in a simple '2D' chaotic oscillator 82994
Tamasevicius, A., Namajunas, A., Cenys, A. Simple 4D chaotic oscillator 61683
Tamasevicius, A. *see* Namajunas, A. 61682
Tamba, A. *see* Sunkavalli, R. 105933
Tamba, N. *see* Ikeda, T. 63909
Tambe, A. *see* Cosart, L.D. 117413
Tambe, D. *see* Ekbote, S. 106011
Tambini, J. Laser ion source studies at CERN 120099
Tambini, U. *see* Calabrese, R. 79835
Tambini, U. *see* Calabrese, R. 100517
Tamboli, C., Manikopoulos, C.N. Determination of the optimum packet length and buffer sizes for the industrial building automation and control networks 71733
Tamburino, L.A. *see* Rizki, M.M. 67112
Tamburino, L.A. *see* Zmuda, M.A. 86946
Tamburrini, M. *see* Scholl, H. 96297
Tamburrini, S. *see* Bucciarelli, T. 88674
Tamburrino, A. *see* Pierri, R. 65705
Tamegai, N., Tuchi, K., Miyagi, H., Komiya, S., Okamoto, H., Yamakawa, M. DOREMNET: data gathering and delivery concentrated monitoring system for wide area distributed systems 77953
Tamegai, T. *see* Shibauchi, T. 106658
Tamegaya, H. *see* Isono, H. 79162
Tamelo, A.A., Korovenkov, A.V., Parkun, V.N., Begun, V.N., Yatskevich, V.I. Low-noise microwave amplifier based on pseudomorphous transistors using aluminum oxide substrates 73817
Tamez-Pena, J.G., Chen, C.W., Parker, K.J. Cardiac dynamic analysis using hierarchical shape models and Gaussian curvature recovery: An integrated approach 90456
Tamez-Pena, J.G., Perez, A. Robust parallel clustering algorithm for image segmentation 86923
Tamii, A. *see* Yosoi, M. 120231
Tamil, L.S. *see* Aicklen, G.H. 107593
Tamil, L.S. *see* Ge Debiao 75514
Tamir, A. An $O(pn^2)$ algorithm for the p-median and related problems on tree graphs 113110
Tamir, A. *see* Tae Ung Kim 113154
Tamir, D.E., Liu, B.C. Construction of an optimal signal-to-noise ratio quadtree using state space search techniques 77438
Tamir, D.E., Phillips, K., Abdul-Karim, A. Efficient chain-code encoding for segmentation-based image compression 86763
Tamir, D.E., Tong, H.T. A system for automatic visual inspection of VLSI microcircuits 113009
Tamir, D.E. *see* Baggs, R.A. 98344
Tamir, S., Berger, S. Correlation between microstructure and photoluminescence of nanocrystalline silicon powder prepared by laser-induced CVD 94266
Tamir, T., Shuzhang Zhang Modal transmission-line theory of multilayered grating structures 65959
Tamitani, I. *see* Taniguchi, A. 76781
Tamizu, K. *see* Shiba, T. 84740
Tamme, M. *see* Paduschek, P. 89526
Tamme, S. Rapid prototyping of a multimedia ASIC 93459
Tammela, S. *see* Kiiveri, P. 100376
Tammen, S. *see* Schmidt, T. 96471
Tamochi, R. *see* Yamazaki, I. 60693
Tamosaitis, R.S. *see* Galanti, S.A. 96699
Tamoshiuniene, M. *see* Knishevskaya, L. 76534
Tamoto, N. *see* Adachi, C. 116258
Tamuliene, J. *see* Tamulis, A. 106900
Tamulis, A., Stumbrys, E., Tamulis, V., Tamuliene, J. Quantum mechanical investigations of photoactive molecules, supermolecule's, supramolecules and design of basic elements of molecular computers 106900
Tamulis, V. *see* Tamulis, A. 106900
Tamura, A. *see* Sakaguchi, T. 68924
Tamura, A. *see* Sakaue, S. 67195
Tamura, A. *see* Uda, T. 63794
Tamura, A. *see* Yanagihara, M. 74705
Tamura, A. *see* Yuasa, T. 70036
Tamura, D.T. *see* Stubenrauch, C.F. 108058
Tamura, H., Abe, T., Saitoh, S., Mikami, K., Sengoku, M., Yamaguchi, Y., Shinoda, S. Obtaining a marked graph from a synchronic distance matrix 72510
Tamura, H. *see* Atoda, O. 77500
Tamura, H. *see* Hatanaka, K. 120086
Tamura, H. *see* Ino, M. 61380
Tamura, H. *see* Katayama, A. 67438
Tamura, H. *see* Niestroj, A. 80008
Tamura, H. *see* Sato, K. 100751
Tamura, H. *see* Satow, T. 95514
Tamura, H. *see* Takahata, K. 95516
Tamura, H. *see* Takauchi, H. 82721
Tamura, H. *see* Watanabe, K. 82426
Tamura, H. *see* Watanabe, K. 113124
Tamura, H. *see* Wu, J. 66562
Tamura, I. *see* Hagiwara, Y. 100254
Tamura, J., Takeda, I., Kimura, M., Ueno, M., Yonaga, S. A synchronous machine model for unbalanced analyses 121453
Tamura, K., Komukai, T., Nakazawa, M. Optimization of power extraction in a high-power soliton fiber ring laser containing a chirped fiber grating 107145
Tamura, K., Yoshida, E., Nakazawa, M. Generation of 10 GHz pulse trains at 16 wavelengths by spectrally slicing a high power femtosecond source 99561
Tamura, K. *see* Kitatani, T. 112391
Tamura, K. *see* Nakazawa, M. 85393
Tamura, K. *see* Nakazawa, M. 85712
Tamura, K. *see* Namiki, S. 65075
Tamura, K. *see* Sato, K. 100751
Tamura, K. *see* Shirakata, S. 61259
Tamura, K. *see* Tokunaga, Y. 90847
Tamura, K.R. *see* Hans, H.A. 65527
Tamura, M., Ki-Chul Shin, Serizawa, N., Arai, S. Stripe direction dependence of mesa angle formed on (100) InP by selective etching using HCl solution 63376
Tamura, M. *see* Kojima, T. 107276
Tamura, M. *see* Mizutani, Y. 81780
Tamura, M. *see* Namatame, H. 79426
Tamura, M. *see* Shin, K.-C. 65227
Tamura, M. *see* Yodo, T. 62758
Tamura, N. *see* Aronstein, D. 69717
Tamura, N. *see* Kichimi, H. 69718
Tamura, N. *see* Saito, H. 70502
Tamura, N. *see* Unno, Y. 80035
Tamura, N. *see* Unno, Y. 100858
Tamura, N. *see* Yanagi, H. 81907
Tamura, S. *see* Cabrera, B. 100819
Tamura, S. *see* Chen, Y.-W. 77360
Tamura, S. *see* Higashi, S. 80877
Tamura, S. *see* Kojima, T. 107276
Tamura, S. *see* Lee, A.T. 100904
Tamura, S. *see* Nishimura, A. 92982
Tamura, S. *see* Sato, Y. 98055
Tamura, S. *see* Satow, T. 95514
Tamura, S. *see* Seto, J. 85042
Tamura, S. *see* Shimizu, K. 70033
Tamura, S. *see* Shin, K.-C. 65227
Tamura, S. *see* Ueguchi, T. 66791
Tamura, S. *see* Yen-Wei Chen 86861
Tamura, S. *see* Yen-Wei Chen 108624
Tamura, S. *see* Zoroofi, R.A. 70034
Tamura, T., Inoue, Y., Satoh, M., Yoshitaka, H., Sakai, J. Characterization of stable fluorine-doped silicon oxide film prepared by biased helicon plasma chemical vapor deposition 74992
Tamura, T., Sakurai, H., Noma, M., Gunji, S., Ueno, H., Tsukahara, M., Hamano, M. A novel proportional counter made of a capillary plate 80082
Tamura, T., Sakurai, H., Noma, M., Gunji, S., Ueno, H., Tukahara, M. Characteristics of a novel type proportional counter with capillary plate 101026
Tamura, T., Sato, T., Hongo, T., Okumura, Y., Ohuchi, T., Morioka, K., Nakamura, Y., Watanabe, K. Development of color dc plasma display driver ICs for pulse-memory driving method 83007
Tamura, T., Sugeno, H., Sakurai, H., Noma, M., Gunji, S., Gertenbort An application of microstrip gas proportional counter for a X-ray polarimeter 101025
Tamura, T. *see* Ikeda, M. 80868
Tamura, T. *see* Inoue, Y. 100177
Tamura, T. *see* Koike, Y. 88970
Tamura, T. *see* Kurisu, M. 78297
Tamura, T. *see* Miyamoto, S. 72258
Tamura, T. *see* Nakajima, K. 90401
Tamura, T. *see* Sakurai, H. 90170
Tamura, T. *see* Sasaki, N. 101950
Tamura, T. *see* Shamsuddin, A.K.M. 110742
Tamura, T. *see* Toda, M. 91964
Tamura, T. *see* Tsujino, J. 101618
Tamura, T. *see* Yamamoto, M. 84613
Tamura, T. *see* Yamamoto, M. 100234
Tamura, Y. *see* Morita, H. 111540
Tamura, Y. *see* Nakanishi, T. 94793
Tan, A.C.C. *see* Matsuda, K. 96998
Tan, B., Mapps, D.J., Pan, G., Robinson, P. A new servo method using servo layer and transverse MR head for submicron track servo on hard computer disks 106612
Tan, B.D. *see* Yun, Z.Q. 101387
Tan, B.D. *see* Yun, Z.Q. 107752
Tan, B.T. *see* Huang, H.B. 77919
Tan, B.T.G. *see* Linfeng Chen 110345
Tan, C.-H. *see* Moh, W.M. 98795
Tan, C.H., Shaibon, H., Mohd Zin, A.A., Lo, K.L. Harmonics content in TNB Kuala Lumpur distribution system 91141
Tan, C.I. *see* Zhu, S.P. 81508
Tan, C.L. *see* He, S. 77515
Tan, C.S. *see* Zhu, S.P. 81078
Tan, D., Venkatesh, S., West, G.A.W. Adaptive depletion for improvement of MPEG video compression 86569
Tan, F.Dong *see* Dong Tan, F.
Tan, G.H., Henzen, A. Automated front end testing in radio astronomy 119350
Tan, H.C., Gurcan, M.K. A fast dynamic channel allocation scheme for a centrally controlled radio local area network 109139
Tan, H.H., Jagadish, C., Gal, M. Quantum well intermixing by proton irradiation 61211
Tan, H.H., Jagadish, C., Kaminska, M., Jasinski, J., Krotkus, A., Marcinkevicius, S. Picosecond lifetime and high resistivity in As or Ga implanted GaAs: an alternative material for fast optoelectronic applications 64993
Tan, H.H., Jagadish, C., Williams, J.S., Zou, J., Cockayne, D.J.H. Ion damage buildup and amorphization processes in GaAs-$Al_xGa_{1-x}As$ multilayers 105245
Tan, H.H., Yan, T.-Y. A multiple-channel free-access collision resolution algorithm based connection request procedure for land mobile satellite networks 109451
Tan, H.M. *see* Banfi, G.P. 85675
Tan, H.S. *see* Kang, Y.Q. 105114
Tan, H.S. *see* Singh, H. 60502
Tan, H.S. *see* Tan, S.Y. 109452
Tan, H.S. *see* Zhu, W. 61351
Tan, I.-H. *see* Anselm, K.A. 64936
Tan, I.-H. *see* Hofler, G.E. 96019
Tan, I.-H. *see* Murtaza, S.S. 79432
Tan, J. Field emission studies at Saclay and Orsay 119966
Tan, J. *see* Fernandez, F.A. 107991
Tan, J. *see* Junquera, T. 100495
Tan, J. *see* Maissa, S. 73971
Tan, J.N. *see* Monroe, C. 95896
Tan, K. *see* Goel, J. 83466
Tan, K.C. *see* Zhu, S.P. 81078
Tan, K.H., Ghanbari, M. Block classification for an adaptive 1-D/2-D DCT video coding 86302

Tan, K.L. *see* Choi, W.K. 92869
Tan, K.L. *see* Chua, S.J. 116503
Tan, K.L. *see* Li, K. 83915
Tan, K.T., Ong, S.H., Yong, C.T. Fault isolation on mixed signal device 73572
Tan, L. *see* Zhang, Q.T. 118802
Tan, L.S. *see* Goo, C.H. 114636
Tan, M., Angers, J.-F. Robust empirical and hierarchical Bayes estimation of normal means and rates in longitudinal studies 103600
Tan, M., Chen, C.M., Wang, Z., Wen, Y.Q. Angular and collimated beam responses of a neutron dose equivalent counter 80505
Tan, M. *see* Maas, S. 83304
Tan, M.Ali *see* Ali Tan, M.
Tan, M.R. *see* Hahn, K.H. 119222
Tan, M.R. *see* Raddatz, L. 65301
Tan, M.R.T. *see* Dowd, P. 65247
Tan, M.R.T. *see* Raddatz, L. 65329
Tan, M.R.T. *see* Schneider, R.P., Jr. 88588
Tan, N., Amozandeh, G., Olson, A., Stenstrom, H. Current scaling technique for high dynamic range switched-current delta-sigma modulators 93502
Tan, N. *see* Niburg, M. 119218
Tan, O.K. *see* Liu, Y. 110254
Tan, P.T., Gunawan, E., Soh, C.B., Soong, B.H. Modelling of dynamic flows in cellular mobile networks 68090
Tan, P.T., Gunawan, E., Soh, C.B., Soong, B.H. Dynamic model of prioritized handoff procedures for cellular mobile networks 78499
Tan, P.W. *see* Ghafouri-Shiraz, H. 75931
Tan, P.W. *see* Ghafouri-Shiraz, H. 116501
Tan, Q. *see* De Pestel, G. 119219
Tan, Q.M., Petrenko, A., von Bochmann, G. A framework for conformance testing of systems communicating through rendezvous 98358
Tan, R.T., Corzine, S.W., Schneider, R.P., Houng, Y.M., Hahn, K.H., Huag, T.C., Wang, S.Y., Dudley, J. Surface-emitting laser for interconnects 68516
Tan, S., Zou, J., Stancil, D.D., Schlesinger, T.E., Migliuolo, M. Sputter-deposited c-axis-oriented $LiNbO_3$ thin films on silicon 95752
Tan, S. *see* Kawabe, Y. 105793
Tan, S.G., Rico-Melgoza, J.J., Fuerte-Esquivel, C.R., Acha, E. C^{++} object oriented power systems software 91052
Tan, S.H., Tjhung, T.T. Error probability of M-ary DPSK in fast Rician fading and lognormal shadowing 68059
Tan, S.Y., Khoo, T.S. Image restoration–noise removal by blurring and deblurring 86816
Tan, S.Y., Tan, H.S. A microcellular communications propagation model based on the uniform theory of diffraction and multiple image theory 109452
Tan, S.Y. *see* Kan, K.H. 97933
Tan, S.Y. *see* Lu, Y.H. 111337
Tan, T.-H., Chang, W.-W. Estimation of the Gilbert model parameters using the simulated annealing method 86023
Tan, T.-H., Chang, W.-W. Statistical characterization of error sequences and its applications to speech digitization 97630
Tan, T.A.Nguyen *see* Nguyen Tan, T.A.
Tan, T.N., Sullivan, G.D., Baker, K.D. Efficient image gradient-based object localisation and recognition 86407
Tan, T.N., Sullivan, G.D., Baker, K.D. Vehicle localisation and discrimination in outdoor traffic scenes 87036
Tan, T.S.C. Generalised Hough transform–an invariant shape indexing method using pairs of edge points 87003
Tan, T.Y., Goesele, U.M. Effects of p-type dopants on enhancing AlAs/GaAs superlattice disordering 62890
Tan, T.Y. *see* Joshi, S.M. 105102
Tan, T.Y. *see* Tong, Q.-Y. 84037
Tan, W., Lee Keat Peng, Giam Siang Tian Poly-3 bitline crack [DRAMs] 73367
Tan, W. *see* Chan, A. 73366
Tan, Y. *see* Liu, W. 65559
Tan, Y.L., Wang, Y. Nonlinear excitation and phase shifter controller for transient stability enhancement of power systems using adaptive control law 80859
Tan, Z. Internet in China: Growth, competition and policy 87812
Tan, Z.C.H. *see* Spallas, J.P. 119658
Tan Bangding *see* Huang Jian 96924
Tan Bangding *see* Huang Jian 107766
Tan Bangding *see* Huang Jian 107774
Tan Changhua *see* Chen Zhiyun 84607
Tan Changhua *see* Liu Xiaowei 84041
Tan Changhua *see* Changhua Tan
Tan Chew Lim *see* Chew Lim Tan
Tan Cong-De *see* Cong-De Tan
Tan Dingzhong A practical calculation method for power system voltage stability 90957
Tan Dun, Zhang E, Jin Zengwei, Ma Shilin, Lin Jianrong A research of a non-contact surface topography measuring system 89489
Tan Eng-Chye *see* Eng-Chye Tan
Tan Fu Lei *see* Chao Sung Lai 63661
Tan Fu Lei *see* Hsiao-Yi Lin 115212
Tan Fu Lei *see* Wan Chang Huang 83983
Tan Fu Lei *see* Yung Hao Lin 74489
Tan Geik Kew *see* Nagarajan, R. 88910
Tan Gek Woo *see* Gek Woo Tan
Tan Huiming, Xi Shuzhen, Li Lei, Banfi, G.P., Fortusini, D. Non-resonant third order nonlinearities in semiconductor doped glasses researched by nearly degenerate three wave mixing 96606
Tan I-Hsing *see* I-Hsing Tan
Tan Jilian *see* Hua Hui 69820
Tan Jilin *see* Jilin Tan
Tan Joo Geok *see* Winston Sijin Choe 78200
Tan Kah-Chye *see* Kah-Chye Tan
Tan Kian-Lee *see* Kian-Lee Tan
Tan Kin *see* Kin Tan
Tan Liying *see* Ma Jing 109596
Tan Loe Le, Negnevitsky, M. Expert system application for voltage and VAr control in power transmission and distribution systems 121055
Tan Minshen *see* Minshen Tan
Tan Qing *see* Qing Tan
Tan Shaohua *see* Shaohua Tan
Tan Shun *see* Shun Tan
Tan Shuntao, Chen Jianyi Optimal selection of parameters for AC passive filter 80772
Tan Soon Hie *see* Soon Hie Tan
Tan Swee Sien *see* Swee Sien Tan
Tan Swie-In *see* Swie-In Tan
Tan Tat-Kee *see* Tat-Kee Tan
Tan Wei-Han *see* Wei-Han Tan
Tan Weihan *see* Zhuang Jun 65433
Tan Xiangdong, Tong Jiarong, Tang Pushan Improved min-cut algorithm for multiple way VLSI network partitioning 61540
Tan Xiangdong, Tong Jiarong, Tang Pushan A multiple-optimizing algorithm for multiple-way VLSI network partitioning 95119
Tan Xuezhi *see* Sha Xuejun 118159
Tan Yap-Peng *see* Yap-Peng Tan
Tan Yingyi *see* Yingyi Tan
Tan Yoke Lin *see* Yoke Lin Tan
Tan Yu *see* Yuzhang Liu 118555
Tan Yu *see* Yu Tan
Tan Yulan *see* Yulan Tan
Tan Yushan *see* Tian Feng 119870
Tan Yushan *see* Yushan Tan
Tan Zhang *see* Zhang Tan
Tan Zhenhui *see* Zhenhui Tan
Tan-Li Chou, Roy, K. Accurate power estimation of CMOS sequential circuits 93314
Tan-Li Chou, Roy, K. Estimation of activity for static and domino CMOS circuits considering signal correlations and simultaneous switching 113912
Tan-Li Chou *see* Chuan-Yu Wang 113852
Tanabe, A. *see* Kurisu, M. 78297
Tanabe, H. *see* Asada, H. 79622
Tanabe, H. *see* Nakajima, M. 83340
Tanabe, H. *see* Sekine, H. 89142
Tanabe, H. *see* Shimizu, K. 102478
Tanabe, J. *see* Henderson, T. 89790
Tanabe, J.T. *see* Swan, J.M. 90057
Tanabe, K., Takebe, T., Isozaki, M. Reduction of audible noise using asymmetrical bundles for 1000 kV transmission lines: full-scale test results of Akagi test line 91196
Tanabe, K. *see* Nakahata, H. 106448
Tanabe, K. *see* Yamazaki, K. 121082
Tanabe, M. *see* Hirao, M. 71867
Tanabe, M. *see* Sakai, H. 73805
Tanabe, N. *see* Kawakura, Y. 78078
Tanabe, N. *see* Koike, H. 75061
Tanabe, S. Broadband network system toward the 21th century 118018
Tanabe, S., Irokawa, S. Recent technical advancement of thyristor valve for HVDC transmission system 80994
Tanabe, S. *see* Hasegawa, T. 81015
Tanabe, S. *see* Ikeda, H. 89248
Tanabe, S. *see* Murata, Y. 115656
Tanabe, S. *see* Uchizawa, M. 64257
Tanabe, S. *see* Yoshida, S. 75706
Tanabe, T., Kobayashi, Y., Tsuji, A. PED stabilized chemically amplified photoresist 105759
Tanabe, T. *see* Inouye, T. 110906
Tanabe, T. *see* Kosaka, H. 119155
Tanabe, T. *see* Nagasawa, H. 81977
Tanabe, T. *see* Rao Yinong 69605
Tanabe, T. *see* Takahashi, K. 73328
Tanabe, T. *see* Tanaka, H. 121155
Tanabe, T. *see* Tanoi, S. 61998
Tanabe, T. *see* Tanoi, S. 93540
Tanabe, T. *see* Tsuji, Y. 95764
Tanabe, T. *see* Tsuji, Y. 116987
Tanabe, T. *see* Uota, T. 78161
Tanabe, Y. *see* Douseki, T. 73248
Tanabe, Y. *see* Yamamoto, O. 94184
Tanahara, M. *see* Shinohara, K. 121183
Tanahashi, A. *see* Otani, Y. 79694
Tanahashi, I. *see* Manabe, Y. 76237
Tanahashi, K. *see* Ishikawa, A. 64457
Tanahashi, S. *see* Hirakawa, T. 82247
Tanahashi, S. *see* Ise, T. 115961
Tanahashi, S. *see* Satow, T. 95514
Tanahashi, S. *see* Takahata, K. 95516
Tanahashi, S. *see* Yamada, S. 102176
Tanahashi, Y. Development and application of intraureteral ultrasound system using a fine flexible intraluminar probe 120372
Tanaka, A., Imai, H., Miyakoshi, M., Da-Te, T. Enlargement of digital images with multiresolution analysis 67440
Tanaka, A. *see* Fujita, M. 73376
Tanaka, A. *see* Hirasaka, H. 115816
Tanaka, A. *see* Iijima, M. 64175
Tanaka, A. *see* Kamiya, T. 113305
Tanaka, A. *see* Kanai, H. 61230
Tanaka, A. *see* Kanai, H. 92754
Tanaka, A. *see* Kanamura, K. 121874
Tanaka, A. *see* Kimura, H. 109188
Tanaka, A. *see* Kimura, M. 72812
Tanaka, A. *see* Lijima, M. 75168
Tanaka, A. *see* Mesaki, Y. 89294
Tanaka, A. *see* Nishio, T. 71172
Tanaka, A. *see* Saeki, T. 73369
Tanaka, A. *see* Udono, H. 72815
Tanaka, A. *see* Udono, H. 92755
Tanaka, A. *see* Yamazaki, S. 69431
Tanaka, E. Metrics between trees embedded in a plane and their computing methods 60847
Tanaka, E. *see* Inoue, Y. 106987
Tanaka, E. *see* Kurata, K. 96299
Tanaka, E. *see* Satoh, N. 90346
Tanaka, E. *see* Satoh, N. 101117
Tanaka, F. *see* Fukao, M. 92308
Tanaka, F. *see* Okamoto, H. 100326
Tanaka, G. *see* Hattori, Y. 76229
Tanaka, G. *see* Kunimochi, Y. 113119
Tanaka, G. *see* Ohtani, N. 63080
Tanaka, H. Simply implemented identity-based non-interactive key sharing 66430
Tanaka, H. A performance analysis of selective-repeat ARQ with multicopy retransmission 68247
Tanaka, H. A performance of selective-repeat ARQ with cyclical multicopy retransmission 118831
Tanaka, H., Aoyagi, R. Analysis of piezoelectric bending accelerometer using the equivalent circuit 84715
Tanaka, H., Horita, M., Matsushima, Y., Takahashi, Y. Temperature dependence and input optical power tolerance of an InGaAsP electroabsorption modulator module 64799
Tanaka, H., Ishii, H. Service operation and management architecture using surveillance of application software elements (SOMSE) 87592
Tanaka, H., Kaneko, R. A linear attack to the random generator by non-linear combiner 117242
Tanaka, H., Koyama, K., Haekwan Lee Interval regression analysis based on quadratic programming 113106
Tanaka, H., Sasaki, Y., Hashimoto, T., Yagi, Y., Ishikawa, Y. Miniaturized 90 degree hybrid coupler using high dielectric substrate for QPSK modulator 83329
Tanaka, H., Suginoshita, F., Nakakita, H., Fujio, H. 42 GHz digital FPU for HDTV 68888
Tanaka, H., Tanaka, T., Noda, H., Sakuma, S., Shinagawa, N., Nakano, T., Kimura, H., Fujii, O., Omiya, T., Tanabe, T. Technical progress of high voltage cross-linked polyethylene insulated power cables. III. Development of the 500 kV XLPE cable and joint for long distance transmission line 121155
Tanaka, H. *see* Abe, K. 90317
Tanaka, H. *see* Abe, M. 81965
Tanaka, H. *see* Fujii, M. 119792
Tanaka, H. *see* Fujino, S. 68870
Tanaka, H. *see* Harada, K. 62697
Tanaka, H. *see* Hayamizu, S. 92814
Tanaka, H. *see* Hisano, K. 69554
Tanaka, H. *see* Hongo, H. 105440
Tanaka, H. *see* Ieki, H. 84749
Tanaka, H. *see* Itoh, M. 94416
Tanaka, H. *see* Iwahashi, T. 80597
Tanaka, H. *see* Kato, J. 75671
Tanaka, H. *see* Koda, H. 117856
Tanaka, H. *see* Kokubun, Y. 116191
Tanaka, H. *see* Koyama, M. 98993
Tanaka, H. *see* Matsumoto, Y. 84635
Tanaka, H. *see* Nakano, Y. 119739
Tanaka, H. *see* Ozaki, T. 69287
Tanaka, H. *see* Sadamoto, M. 92902
Tanaka, H. *see* Saitoh, K. 102991
Tanaka, H. *see* Sakagami, I. 62159
Tanaka, H. *see* Sato, T. 102898
Tanaka, H. *see* Shannon, J.M. 89258
Tanaka, H. *see* Suzuki, H. 90942
Tanaka, H. *see* Takao, H. 110100
Tanaka, H. *see* Takigawa, T. 64653
Tanaka, H. *see* Tokito, S. 96010
Tanaka, H. *see* Yamaguchi, T. 60695
Tanaka, H. *see* Yoshinobu, T. 79539
Tanaka, H. *see* Zaitsu, T. 121571
Tanaka, H.-A., Oishi, S., Horiuchi, K. Geometric structure of mutually coupled phase-locked loops 73161
Tanaka, H.T. *see* Nishimura, K. 86649
Tanaka, H.T. *see* Ono, K. 87142
Tanaka, I. *see* Kabuo, H. 61946
Tanaka, I. *see* Kabuo, H. 93477
Tanaka, I. *see* Nakamura, Y. 94326
Tanaka, J., Habibi, S., Hattori, H., Matsumoto, S. Material system using HBr gas and a 172 nm excimer lamp 105616
Tanaka, J., Nagamine, K., Koike, T., Takahashi, S. A new leadframeless IC carrier package using metal base substrate 82237
Tanaka, J. *see* Habibi, S. 63312
Tanaka, J. *see* Hirokawa, T. 93803
Tanaka, J. *see* Ishihara, T. 78206
Tanaka, J. *see* Ishihara, T. 98857

Tanaka, K. An efficient faults calculation method taking into account mutually coupled lines of power systems 80764
Tanaka, K. Photoinduced processes in chalcogenide glasses 114656
Tanaka, K., Arikawa, Y., Sekine, M., Ohtsu, M., Harada, Y., Danerud, M. Highly sensitive and wideband optical detection in patterned $YBa_2Cu_3O_{7-\delta}$ thin films 76118
Tanaka, K., Danerud, M., Sekine, M., Ohtsu, M. An optical heterodyne mixer based an a patterned $YBa_2Cu_3O_{7-\delta}$ thin film 84930
Tanaka, K., Kotera, N. Observation of quantum confined Stark effect in wider quantum wells by a novel photocurrent-difference spectroscopy 105338
Tanaka, K., Matsumoto, H., Oyaizu, I. A confidentiality system for ISDN inter-PC high-speed file transfer 87718
Tanaka, K., Minami, K., Naito, Y., Shiozaki, A., Kurashina, M., Onose, H. Changeable slow wave structure stacked with two kinds of metal disk 74078
Tanaka, K., Nakazawa, M., Kamemaru, S. Study of an algorithm for selecting the optimum reference patterns for a pattern recognition system 67052
Tanaka, K., Takizawa, H., Omata, M., Taguchi, H. “KANTAN” video image retrieval user interface 99783
Tanaka, K., Takizawa, M. Distributed checkpointing based on influential messages 87448
Tanaka, K., Tanaka, M. Computer-aided design of dielectric optical waveguide bends by the boundary-element method based on guided-mode extracted integral equations 95720
Tanaka, K., Tateda, M., Inoue, Y. Measuring the individual attenuation distribution of passive branched optical networks 78937
Tanaka, K. *see* Freeman, W.T. 117885
Tanaka, K. *see* Fukuda, T. 77302
Tanaka, K. *see* Fukushima, K. 115957
Tanaka, K. *see* Iida, H. 101321
Tanaka, K. *see* Inoue, Y. 82663
Tanaka, K. *see* Ishii, S. 119445
Tanaka, K. *see* Itoh, M. 94416
Tanaka, K. *see* Jiang Yu Zheng 97943
Tanaka, K. *see* Kajiki, Y. 96748
Tanaka, K. *see* Kamemaru, S.-I. 77193
Tanaka, K. *see* Katayama, A. 67438
Tanaka, K. *see* Kodama, Y. 64669
Tanaka, K. *see* Kolobov, A.V. 74289
Tanaka, K. *see* Kolobov, A.V. 74289
Tanaka, K. *see* Kunji Chen 94284
Tanaka, K. *see* Maekawa, T. 90154
Tanaka, K. *see* Mochida, Y. 119638
Tanaka, K. *see* Nakagawa, G. 72292
Tanaka, K. *see* Oda, T. 112638
Tanaka, K. *see* Okada, H. 83192
Tanaka, K. *see* Okada, M. 75364
Tanaka, K. *see* Okada, M. 75365
Tanaka, K. *see* Okada, M. 84867
Tanaka, K. *see* Otsu, T. 78605
Tanaka, K. *see* Sasaki, S. 95686
Tanaka, K. *see* Senoo, M. 111740
Tanaka, K. *see* Sumida, M. 119169
Tanaka, K. *see* Sumida, M. 119182
Tanaka, K. *see* Sumimoto, T. 72897
Tanaka, K. *see* Takahashi, K. 81144
Tanaka, K. *see* Takaira, H. 88396
Tanaka, K. *see* Takatsuji, T. 79203
Tanaka, K. *see* Tanaka, M. 64788
Tanaka, K. *see* Ueda, H. 96753
Tanaka, K. *see* Umekawa, S. 64954
Tanaka, K. *see* van Roy, W. 92687
Tanaka, K. *see* Yamagata, Y. 81594
Tanaka, K. *see* Yamagata, Y. 81596
Tanaka, K. *see* Yamamoto, A. 89625
Tanaka, K. *see* Yamaoka, H. 90189
Tanaka, K.H. *see* Yamanoi, Y. 90050
Tanaka, M., Bleser, E.J., Glenn, J.W., Lee, Y.Y., Soukas, A. The AGS accelerator complex with the new fast extraction system 100723
Tanaka, M., Harbison, J.P., Rothberg, G.M. MnAs/NiAs magnetic multilayers on GaAs grown by molecular beam epitaxy 95350
Tanaka, M., Jiang, Z.W., Chonan, S. Control of an artificial robotic finger with distributed sensors and actuators 115447
Tanaka, M., Kawakami, H., Takeiri, Y., Asano, E., Kaneko, O., Kuroda, T. Production of high-current large-area negative hydrogen ion beams by a bucket-type ion source equipped with a magnetic filter 120121
Tanaka, M., Kudo, M., Koseki, Y. Visual electronic mail system 118301
Tanaka, M., Matsumoto, Y., Yamamoto, S., Suzuki, K., Arimoto, Y. Antenna pattern measurement of S-band active phased array on ETS-VI 97363
Tanaka, M., Palmstrm, C.J., Tsuda, M., Nishinaga, T. Epitaxial semimetal (ErAs)/semiconductor (III-V) heterostructures: negative differential resistance in novel resonant tunneling structures with an ErAs quantum well 94515
Tanaka, M., Takahashi, C., Inoue, H. A measurement of close-field noise on a printed line model generated by a switching device 119860
Tanaka, M., Tanaka, K. Boundary integral equations for computer aided design of near field optics 64788
Tanaka, M. *see* Akeura, K. 61198
Tanaka, M. *see* Cong-Kha Pham 114011
Tanaka, M. *see* Goto, K. 68396
Tanaka, M. *see* Hazumi, M. 100854
Tanaka, M. *see* Higuchi, T. 82029
Tanaka, M. *see* Huang, S. 113346
Tanaka, M. *see* Isomura, M. 105192
Tanaka, M. *see* Isomura, M. 116204
Tanaka, M. *see* Kanade, T. 86382
Tanaka, M. *see* Kawazawa, T. 119238
Tanaka, M. *see* Korhonen, T. 90148
Tanaka, M. *see* Kuzuoka, H. 67874
Tanaka, M. *see* Matsumoto, Y. 68332
Tanaka, M. *see* Miyamoto, T. 89234
Tanaka, M. *see* Mori, R. 63341
Tanaka, M. *see* Morita, S. 87250
Tanaka, M. *see* Nobori, T. 90129
Tanaka, M. *see* Nobori, T. 100962
Tanaka, M. *see* Saitoh, Y. 80027
Tanaka, M. *see* Saitoh, Y. 100838
Tanaka, M. *see* Shiramizu, Y. 63382
Tanaka, M. *see* Takeuchi, M. 111355
Tanaka, M. *see* Tanaka, K. 95720
Tanaka, M. *see* Tomikawa, Y. 84717
Tanaka, M. *see* Tsuboyama, T. 100836
Tanaka, M. *see* Watanabe, K. 115431
Tanaka, M. *see* Wu, J. 110619
Tanaka, N., Morii, T., Yoshida, K., Homma, K. A multi-mode variable rate speech coder for CDMA cellular systems 109282
Tanaka, N., Nakamura, N., Matsunaga, Y., Sasaki, M., Yamashita, H., Ohsawa, S., Manabe, S., Tango, H., Yoshida, O. Study of single-layer metal-electrode CCD image sensor 69283
Tanaka, N., Teramatsu, H., Yamaguchi, M., Ito, H., Takehara, Y., Mukai, K. Personal wide color television C-16M3/C-20S3 68842
Tanaka, N. *see* Ishikawa, T. 74637
Tanaka, N. *see* Ishikawa, T. 94867
Tanaka, N. *see* Kobayashi, Y. 84732
Tanaka, N. *see* Lopez, M. 61294
Tanaka, N. *see* Nakanishi, H. 110295
Tanaka, N. *see* Ozawa, T. 118389
Tanaka, N. *see* Sasaki, S. 119226
Tanaka, N. *see* Suzuki, Y. 102497
Tanaka, N. *see* Yamakawa, S. 76259
Tanaka, R. *see* Ishii, Y. 100792
Tanaka, R. *see* Koizumi, H. 73762
Tanaka, R. *see* Tashiro, K. 106340
Tanaka, S., Hatamura, Y., Nakao, M., Hatakeyama, M., Ichiki, K. Necessity of straight beam and non-contact mask for fabrication process of micro 3-D structures 106269
Tanaka, S., Itozaki, H., Kado, H. Flux trapping of high T_c DC SQUID 84906
Tanaka, S., King, S.W., Kern, R.S., Davis, R.F. Control of the polytypes (3C, 2H) of silicon carbide thin films deposited on pseudomorphic aluminum nitride (0001) surfaces 103982
Tanaka, S., Maruyama, Y., Yano, K., Inokuchi, H., Tomiyama, T., Murai, S. Work automation with the hot-line work robot system “Phase II” 81107
Tanaka, S., Murakami, S., Amamiya, Y., Shimawaki, H., Furuhata, N., Goto, N., Honjo, K., Ishida, Y., Saito, Y., Yamamoto, K., Yajima, M., Temino, R., Hisada, Y. High-power, high-efficiency cell design for 26 GHz HBT power amplifier 83532
Tanaka, S., Umbach, C.C., Blakely, J.M., Tromp, R.M., Mankos, M. Fabrication of arrays of large step-free regions on Si(001) 94791
Tanaka, S., Utaka, K., Yamamoto, T., Horita, M., Matsusbima, Y. Proposal of new narrow-band wavelength filter using grating-assisted vertical contra-directional coupler 95775
Tanaka, S., Yamane, K. Optimal location of acoustic sensors and optimal observation policy in detecting anomalous plane objects in shield construction method 80686
Tanaka, S. *see* Davis, R.F. 103876
Tanaka, S. *see* Davis, R.F. 103986
Tanaka, S. *see* Fujimura, K. 108623
Tanaka, S. *see* Fujisawa, T. 63508
Tanaka, S. *see* Hanatani, S. 64933
Tanaka, S. *see* Harris, C.I. 105303
Tanaka, S. *see* Homma, Y. 69779
Tanaka, S. *see* Ido, T. 64810
Tanaka, S. *see* Ido, T. 106862
Tanaka, S. *see* Ido, T. 116113
Tanaka, S. *see* Ishida, R. 78546
Tanaka, S. *see* Ishii, Y. 68747
Tanaka, S. *see* Iwata, Y. 81013
Tanaka, S. *see* Kamozaki, K. 67977
Tanaka, S. *see* Kikuchi, H. 91188
Tanaka, S. *see* Kitanoya, J. 112896
Tanaka, S. *see* Kosaki, M. 81096
Tanaka, S. *see* Mitsumoto, H. 109903
Tanaka, S. *see* Miura, O. 102178
Tanaka, S. *see* Mizutani, M. 81976
Tanaka, S. *see* Murabayashi, F. 73459
Tanaka, S. *see* Nakagawa, H. 91444
Tanaka, S. *see* Nakagawa, S. 106527
Tanaka, S. *see* Ninomiya 64569
Tanaka, S. *see* Nishii, R. 111166
Tanaka, S. *see* Ohtsuka, S. 76231
Tanaka, S. *see* Ohtsuka, Y. 100362
Tanaka, S. *see* Okada, H. 83192
Tanaka, S. *see* Okada, K.-I. 118539
Tanaka, S. *see* Shishikura, M. 116223
Tanaka, S. *see* Sifu Zhang 110242
Tanaka, S. *see* Sumiya, T. 92717
Tanaka, S. *see* Tadakuma, S. 71297
Tanaka, S. *see* Tadakuma, S. 71542
Tanaka, S. *see* Takasaki, K. 111253
Tanaka, S. *see* Tanimoto, T. 62283
Tanaka, S. *see* Tsunetomo, K. 76232
Tanaka, S. *see* Yamada, S. 77543
Tanaka, S. *see* Yamaguchi, K. 115948
Tanaka, S. *see* Zheng Guoqing 75322
Tanaka, S.-I. *see* Sumiya, T. 103849
Tanaka, T. Information geometry of mean field theory 76674
Tanaka, T., Demizu, Y., Yamaguchi, T., Yoshida, A. Preparation of ordered vacancy chalcopyrite thin films by RF sputtering from $CuInSe_2$ target with Na_2Se 72940
Tanaka, T., Harata, A., Sawada, T. Imagings of picosecond-photoexcited carriers and enhanced Auger recombination rate by transient reflecting grating measurements 94212
Tanaka, T., Kawata, S. Comparison of recording densities in three-dimensional optical storage systems: multilayered bit recording versus angularly multiplexed holographic recording 64612
Tanaka, T., Kitamura, H. Characteristics of figure-8 undulator radiation 89637
Tanaka, T., Kitamura, H. Analysis of figure-8-undulator radiation 110493
Tanaka, T., Moriwake, H., Matsubara, K., Katsuki, N., Tamai, T. Wide temperature range and high response exhaust gas temperature sensor 122057
Tanaka, T., Nagamune, Y., Kono, T., Nishioka, M., Arakawa, Y., Uchida, K., Miura, N., Bauer, G.E.W. Magneto-optical effect in GaAs quantum wires with various lateral width 62918
Tanaka, T., Nagao, M., Okamoto, T., Ieda, M., Karner, H., Kodoll, W. A method of evaluating resistance of insulating materials against internal partial discharges 64113
Tanaka, T., Okamoto, T., Hozumi, N., Suzuki, K. Interfacial improvement of XLPE cable insulation at reduced thickness 91175
Tanaka, T., Sakamoto, K., Tada, K., Ogura, J.. A full-color DHF-AMLCD with wide viewing angle 89387
Tanaka, T., Shirai, H., Kisanuki, O., Uchiumi, M. Laser-induced pressure pulse measurements of space charge in PE/EVA laminates 64149
Tanaka, T., Takahashi, H., Oguma, M., Hashimoto, T., Hibino, Y., Yamada, Y., Itaya, Y., Albert, J., Hill, K.O. Integrated external cavity laser composed of spot-size converted LD and UV written grating in silica waveguide on Si 76020
Tanaka, T. *see* Akasaki, I. 75922
Tanaka, T. *see* Ando, Y. 81917
Tanaka, T. *see* Fujii, M. 119792
Tanaka, T. *see* Hayakawa, K. 96456
Tanaka, T. *see* Imai, A. 94858
Tanaka, T. *see* Ishioka, K. 68246
Tanaka, T. *see* Itoh, K. 71245
Tanaka, T. *see* Itoh, K. 111894
Tanaka, T. *see* Kawata, Y. 64635
Tanaka, T. *see* Kawata, Y. 115992
Tanaka, T. *see* Kimura, S. 89636
Tanaka, T. *see* Kondo, Y. 78387
Tanaka, T. *see* Miura, R. 66129
Tanaka, T. *see* Miura, R. 109576
Tanaka, T. *see* Miwa, H. 73345
Tanaka, T. *see* Mori, S. 81964
Tanaka, T. *see* Nabae, A. 101679
Tanaka, T. *see* Ohnishi, N. 67317
Tanaka, T. *see* Okamoto, S. 81089
Tanaka, T. *see* Okamoto, S. 81090
Tanaka, T. *see* Oshitani, M. 71665
Tanaka, T. *see* Sugata, F. 90565
Tanaka, T. *see* Takanashi, H. 88347
Tanaka, T. *see* Takanashi, H. 118869
Tanaka, T. *see* Takeuchi, K. 61902
Tanaka, T. *see* Takeuchi, K. 93384
Tanaka, T. *see* Tanaka, H. 121155
Tanaka, T. *see* Tsujikado, K. 100232
Tanaka, T. *see* Uchino, S.-I. 105794
Tanaka, T. *see* Wann, C.H. 106033
Tanaka, T. *see* Yamaguchi, H. 109791
Tanaka, T. *see* Yamaguchi, T. 113411
Tanaka, T. *see* Yamamoto, Y. 113501
Tanaka, T. *see* Yamashina, M. 67981
Tanaka, T. *see* Yumiba, H. 98822
Tanaka, T.H. *see* Kuriyama, N. 91721
Tanaka, U. *see* Sung Hwan Cho 74133
Tanaka, W., Sarkissian, G., Kato, H., Ohibata, N., Kose, Y. High-power linear silicon MOS FET for 900 MHz band base station application 73755
Tanaka, Y. Parameter studies in an eddy current testing 93010
Tanaka, Y., Berlage, O. Application of genetic algorithms to VOD network topology optimization 108875
Tanaka, Y., Hirata, J., Ishikawa, M., Morizumi, Y., Okamoto, M., Fukuoka, N., Hatoh, H. Quantitative comparison of LCD-viewing-angle-improvement brought about by various methods 89352
Tanaka, Y., Hotate, K. Lasing characteristics of optical fiber Brillouin ring laser with spatially distributed gain coefficient 116589
Tanaka, Y., Okawa, A., Kuniwaki, Y., Yanagitani, A. Consolidation of Mn-Al-C alloy by powder metallurgical process 75280
Tanaka, Y., Shimizu, S., Kojima, A., Tomochika, T. A fast traffic simulation method using vector operation 87388

Tanaka, Y., Shimizu, S., Miyake, A. Asymmetric broadcast ATM switching network using output buffer 117945
Tanaka, Y., Yamasaki, S., Hotate, K. Brillouin fiber-optic gyro with directional sensitivity 110183
Tanaka, Y. *see* Akiyama, J. 75224
Tanaka, Y. *see* Akune, T. 75341
Tanaka, Y. *see* Bi, X.F. 115571
Tanaka, Y. *see* Endo, M. 96138
Tanaka, Y. *see* Fukuda, T. 77302
Tanaka, Y. *see* Fukuzawa, K. 92998
Tanaka, Y. *see* Ghosh, G. 75857
Tanaka, Y. *see* Ichimiya, A. 113393
Tanaka, Y. *see* Ikeda, M. 64145
Tanaka, Y. *see* Imaizumi, Y. 69448
Tanaka, Y. *see* Imaizumi, Y. 110353
Tanaka, Y. *see* Kaneko, Y. 108568
Tanaka, Y. *see* Kaneko, Y. 110296
Tanaka, Y. *see* Kasahara, H. 95399
Tanaka, Y. *see* Kikuchi, H. 91188
Tanaka, Y. *see* Kobayashi, H. 93541
Tanaka, Y. *see* Kobayashi, M. 86998
Tanaka, Y. *see* Miura, O. 75335
Tanaka, Y. *see* Miura, O. 102178
Tanaka, Y. *see* Murata, K. 64147
Tanaka, Y. *see* Namoto, Y. 109015
Tanaka, Y. *see* Niinomi, T. 105771
Tanaka, Y. *see* Ohashi, T. 99891
Tanaka, Y. *see* Sako, T. 110597
Tanaka, Y. *see* Shimomura, K. 115791
Tanaka, Y. *see* Sugimoto, M. 121179
Tanaka, Y. *see* Tomioka, M. 78141
Tanaka, Y. *see* Tsuchida, K. 71723
Tanaka, Y. *see* Xinsheng, W. 64128
Tanaka, Y. *see* Yamamoto, T. 110300
Tanaka, Y. *see* Yamawaki, H. 82790
Tanaka, Y. *see* Yasukawa, Y. 95549
Tanami, R. *see* Rosenfeld, M. 80399
Tananov, S.V. *see* Arinkin, F.M. 111060
Tanase, C. *see* Avramescu, M. 91440
Tanase, K. *see* Suzuki, Y. 116143
Tanase, S. *see* Kusunoki, A. 71676
Tanatar, B., Guven, K., Bennett, C.R., Constantinou, N.C. Screening effects on the confined and interface polarons in cylindrical quantum wires 63062
Tanatar, B. *see* Bennett, C.R. 83925
Tanbun-Ek, T., Nielsen, T., Stentz, A., Grubb, S., Wecht, K., Sergent, A.M., Wisk, P., Fullowan, T., Sciortino, P.F., Jr., Tsang, W.T., Chandrasekhar, S., Lunardi, L.M. 10-Gbit/s penalty-free optical transmission over 102.5 km of standard fiber using 1.3-μm electroabsorption modulated laser and Raman amplifier 119235
Tanbun-Ek, T., Nykolak, G., Nielsen, T., Mizuhara, O., Park, Y.K., Wecht, K., Sergent, A.M., Wisk, P., Sciortino, P.F., Jr, Tsang, W.T. 10 Gbit/s penalty-free transmission over 48 km using 1.3-μm wavelength electroabsorption modulated lasers (EML) for metro-loop transmission link 78822
Tanbun-Ek, T. *see* Azzazy, M. 69098
Tanbun-Ek, T. *see* Minch, J. 116531
Tanbun-Ek, T. *see* Morton, P.A. 65369
Tanbun-Ek, T. *see* Morton, P.A. 107235
Tanbun-Ek, T. *see* Wilson, G.C. 88562
Tanbun-Ek, T. *see* Wilson, G.C. 99768
Tancevski, L., Andonovic, I., Tur, M., Budin, J. Massive optical LANs using wavelength hopping/time spreading with increased security 78940
Tancevski, L., Andonovic, I., Tur, M., Budin, J. Hybrid wavelength hopping/time spreading code division multiple access systems 88450
Tancredi, A. *see* Pozzi, S. 112793
Tanda, M. *see* Fedele, G. 97123
Tanda, M. *see* Izzo, L. 66725
Tanda, M. *see* Izzo, L. 66762
Tande, J.O. *see* Sorensen, P. 91408
Tandle, D.M. *see* Jain, B.P. 104855
Tandon, A. *see* Chakrabarti, P. 94614
Tandon, A.K. *see* Murthy, S.S. 111979
Tandon, P. *see* Verma, V.K. 121685
Tandon, R.P., Singh, V., Narayana Swami, N., Hans, V.K. Fabrication, properties and design considerations of piezocomposite transducers for ultrasonic imaging 120327
Tandon, R.P. *see* Srivastava, G.P. 83333
Tandon, S.N. *see* Sahambi, J.S. 70167
Tandon, U.S., Eisele, I. Plasma processing for the fabrication of a nanotransistor 105684
Tandon, V.K. *see* Saxena, S.C. 110864
Tanei, Y. *see* Ishikawa, Y. 73458
Tanemura, S. *see* Nakao, S. 114591
Tanenbaum, A.S. *see* Kaashoek, M.F. 87420
Tanenbaum, B.S. *see* Anvari, B. 101410
Taner, A.H., White, N.M. Virtual instrumentation: a solution to the problem of design complexity in intelligent instruments 88920
Taneya, M. *see* Kawanishi, H. 94740
Tanezawa, I. *see* Arai, T. 87649
Tang, A. *see* Choi, D. 77887
Tang, A. *see* Choi, T. 78012
Tang, A.J. *see* Noguchi, T. 105954
Tang, B., Pottie, G.J. Non-uniform embedded scalar quantizers for variable rate applications 86114
Tang, B.Y. *see* Zeng, X.C. 114894
Tang, C.-M., Swyden, T.M. Theory and experiment of field-emitter arrays with planar lens focusing 62574
Tang, C.L. *see* Parker, M.A. 63386
Tang, C.M. *see* Auciello, O. 74015
Tang, C.M. *see* Yadon, L.N. 74016
Tang, C.S. *see* Demeester, L. 75219
Tang, C.S. *see* So, K.C. 72436
Tang, C.W. *see* Van Slyke, S.A. 116245
Tang, D.T. *see* Jin-Fuw Lee 73260
Tang, D.T.Y. *see* Dhaliwal, N.S. 121102
Tang, D.Y., Dykstra, R., Heckenberg, N.R. Antiphase dynamics in an optically pumped bidirectional ring laser 65398
Tang, D.Y., Dykstra, R., Heckenberg, N.R. Chaotic laser modelocking 96118
Tang, D.Y., Heckenberg, N.R. Spontaneous self-organisation in chaotic laser mode-mode interaction 107485
Tang, D.Y., Li, M.Y., Heckenberg, N.R., Hubner, U. Chaotic dynamics of an optically pumped NH_3 multitransverse-mode ring laser 107133
Tang, D.Y. *see* Biao Li 82654
Tang, D.Y. *see* Li, B. 94335
Tang, F.T. *see* Lee, M.Y. 70184
Tang, F.T. *see* Lee, M.Y. 101405
Tang, G.-P. *see* Wehmann, H.-H. 89104
Tang, G.-P. *see* Wehmann, H.-H. 100044
Tang, H., Clendenin, J.E., Frisch, J.C., Mulhollan, G.A., Schultz, D.C., Witte, K. Prospects for a polarized electron source for next generation linear colliders based on a SLC-type gun 120118
Tang, H., Kulikov, A.V., Clendenin, J.E., Ecklund, S.D., Miller, R.A., Yeremian, A.D. The NLC positron source 90106
Tang, H., Zhou, B., Macleod, I., Brent, R., Sun, W. Comparisons of parallel iterative noise filters for real-time image processing 97974
Tang, H. *see* Adolphsen, C. 89648
Tang, H. *see* Mulhollan, G. 90109
Tang, H. *see* Raubenheimer, T. 89588
Tang, H. *see* Saez, P. 90076
Tang, H. *see* Stimets, R.W. 66980
Tang, H.H.K. Nuclear physics of cosmic ray interaction with semiconductor materials: particle-induced soft errors from a physicist's perspective 72345
Tang, H.R., Brown, J.K., Wu, X., Hasegawa, B.H. Spatial homogeneity issues with Concurrent Iterative Reconstruction Algorithms 90362
Tang, H.R., Brown, J.K., Wu, X., Hasegawa, B.H. Uniformity and homogeneity issues with concurrent iterative reconstruction algorithms 101161
Tang, H.R. *see* Blankespoor, S.C. 101286
Tang, H.R. *see* Wu, X. 101154
Tang, I.M., Srinitiwarawong, C., Methasiri, T. Effect of nitrogen absorption on the magnetic properties of the intermetallic $SmCo_5$ 95354
Tang, I.T., Lennard, W.N., Zhang, C.S., Griffiths, K., Li, B., Feldman, L.C., Green, M.L. Initial growth studies of silicon oxynitrides in a N_2O environment 92870
Tang, J. *see* Mao, D. 112363
Tang, J.C., Isaacs, E.A., Rua, M. Supporting distributed groups with a montage of lightweight interactions 67873
Tang, J.K.K. *see* Bird, D.J. 110586
Tang, J.M., Spencer, P.S., Shore, K.A. Effect of semiconductor nonlinear gain on the chirp and spectral properties of amplified subpicosecond optical pulses 85514
Tang, K., Neuvo, Y. Multidirectional vector edge enhancers based on nonlinear operation 98094
Tang, K., Visokay, M.R., Ross, C.A., Ranjan, R., Yamashita, T., Sinclair, R. Lorentz transmission electron microscopy study of micromagnetic structures in real computer hard disks 115829
Tang, K. *see* Anvari, B. 101410
Tang, K. *see* Wu, N.M. 95141
Tang, K.S. *see* Man, K.F. 103395
Tang, K.W., Cheetham, B.M.G. Fixed bit-rate PWI speech coding with variable frame length 76885
Tang, K.W.C. *see* Lam, S.S. 86046
Tang, K.Y. *see* Cai, G.G. 101453
Tang, L., McGranaghan, M., Ferraro, R., Morganson, S., Hunt, B. Voltage notching interaction caused by large adjustable speed drives on distribution systems with low short circuit capacities 91153
Tang, L., McGranaghan, M.F. Modeling an active power line conditioner for compensation of switching transients 111488
Tang, L. *see* Laughlin, D.E. 106579
Tang, L. *see* Pan, T. 106545
Tang, L. *see* Szymanski, J.J. 110589
Tang, L. *see* Walldorf, S.P. 121172
Tang, L.G. *see* Chen, Y.K. 69865
Tang, L.Y. *see* Bascom, E.C., III. 121170
Tang, M. *see* Rivest, J.-F. 110691
Tang, N., Partanen, J.P. Four-wave-mixing interferometer 96653
Tang, N. *see* Zhao, Z.G. 75136
Tang, N.-T., Valeriote, E.M.L., Sklarchuk, J. Microstructure and properties of continuously cast, lead-alloy strip for lead/acid battery grids 112258
Tang, P.E. *see* Budgett, D.M. 98289
Tang, P.J.P., Pullin, M.J., Li, Y.B., Phillips, C.C., Stradling, R.A., Chung, S.J., Yuen, W.T., Hart, L., Bain, D.J., Gaibraith, I. A magneto-photoluminescence investigation of the band offset between InAs and arsenic-rich $InAs_{1-x}Sb_x$ alloys 114775
Tang, P.J.P. *see* Ciesla, C.M. 105348
Tang, P.S. *see* Zeng, X. 114139
Tang, P.T., Tse, C.K. Design and implementation of a fully-regulated four-output two-switch single-controller power module 121641
Tang, R. *see* Neugroschel, A. 63586
Tang, R. *see* Neugroschel, A. 74706
Tang, S.-F. *see* Kuan, C.H. 119672
Tang, S.D. *see* Xian Zhen Chen 91543
Tang, S.H. *see* Ji, W. 74245
Tang, S.S., Moffatt, J. Development of an on-board fatigue processor for helicopters 72990
Tang, S.W. *see* Liu, G.Y. 74014
Tang, S.W. *see* Liu, G.Y. 83737
Tang, T. *see* Harrison, D.J. 119643
Tang, T.A. *see* Wang, X.H. 84040
Tang, T.K. *see* Rockstad, H.K. 88985
Tang, W., Cameron, D.C. Electroluminescent zinc sulphide devices produced by sol-gel processing 116253
Tang, W., Kaye, A.R., Mahmoud, S.A. Network architecture and signaling for wireless access to an ATM LAN 88383
Tang, W. *see* Pan, W. 119700
Tang, W.C. *see* Mastrangelo, C.H. 79297
Tang, W.G. *see* Shen, S.C. 61234
Tang, W.G. *see* Shen, W.Z. 74451
Tang, W.G. *see* Shen, W.Z. 94519
Tang, W.G. *see* Shen, W.Z. 114736
Tang, W.T. *see* Machcha, A.R. 115684
Tang, X., Chen, G.L., Sequeda, F., Chen, D. Temperature and seed layer effects on the magnetics of sputtered glass-ceramic disks 106494
Tang, X.F. *see* Fan, Z.X. 106922
Tang, X.H. *see* Chua, S.J. 83904
Tang, Y., Chen, S.X., Low, T.S. Micro electrostatic actuators in dual-stage disk drives with high track density 115780
Tang, Y., Galbraith, R.L., Coker, J.D., Arnett, P.C., Wood, R.W. Precompensation value determination in a PRML channel 64420
Tang, Y., Gonzalez de la V., J., Linan Garcia, R. Adaptive noise cancellation in partial discharge signals 102813
Tang, Y.-J. *see* Kato, T. 121085
Tang, Y.-K. *see* Chiang, T.T. 110869
Tang, Y.J., Ogura, S., Shimizu, H., Kato, T., Yokomizu, Y., Matsumura, T., Kito, Y. Quench current-time characteristics of four kinds of superconducting cable 64520
Tang, Y.N., Smith, J.D. History data collection, retrieving and display in the NSLS control system 89939
Tang, Y.Q. *see* Chen, K.Y. 104128
Tang, Y.Q. *see* Meng, X.L. 96908
Tang, Y.S., Sotomayor Torres, C.M., Kubiak, R.A., Smith, D.W., Whall, T.E., Parker, E.H.C., Presting, H., Kibbel, H. Optical emission from $Si/Si_{1-x}Ge_x$ quantum wires and dots 62922
Tang, Y.S., Torres, C.M.S., Nilsson, S., Dietrich, B., Kissinger, W., Whall, T.E., Parker, E.H.C., Presting, H., Kibbel, H. Residual strain in $Si\text{-}Si_{1-x}Ge_x$ quantum dots 63001
Tang, Y.S. *see* Ribayrol, A. 74142
Tang, Z., Cheng, S. Adaptive decision feedback equalization for asynchronous DS-CDMA communication systems 99074
Tang, Z.R., Kamins, T., Salama, C.A.T. Current gain-early voltage product in SiGe base HBT's with thin α-Si:H emitters 63602
Tang Baomin, Wang Wennai Design and implementation of integrated network management system 118398
Tang Cha-Mei *see* Cha-Mei Tang
Tang Chaowei *see* Yang Shizhong 104741
Tang Chee Seng *see* Chee Seng Tang
Tang Chuanxiang, Lin Yuzheng Studies on back bombardment of electrons in RF thermionic guns 62556
Tang Chuanxiang, Yang Yue, Lin Yuzheng Simulation of RF thermionic gun 69666
Tang Dandas *see* Dandas Tang
Tang Dingyan *see* Dingyan Tang
Tang Dingyuan *see* Cai Yi 95990
Tang Dong *see* Dong Tang
Tang Guang-Ping *see* Guang-Ping Tang
Tang Guoqing *see* Dong Xin 80930
Tang Guoqing *see* Wang Haifeng 91037
Tang Guoqing *see* Wang Haifeng 91038
Tang Guoqing *see* Wang Lei 81058
Tang Haiyun *see* Haiyun Tang
Tang Hao *see* Hao Tang
Tang Jiaheng *see* Cong Wang 70782
Tang Jianming, Wang Shuicai, Xiao Dong, Yang Jianjun, Guan Yichun Operating characteristics of multi-wavelength self-mode-locked femtosecond Ti:sapphire laser with a single cavity 85449
Tang Jianming, Xiao Dong, Yang Jiangjun, Guan Yichun, Wang Shuicai Self-mode-locked Ti:sapphire laser using BBO crystal as an additional intracavity self-focusing element 85448
Tang Jianming *see* Wang Shuicai 96182
Tang Jiansong *see* Zhang Xiwen 83790
Tang Jinke *see* Jinke Tang
Tang Jinsong *see* Jinsong Tang
Tang Jiyue *see* Jiyue Tang
Tang Jun *see* Jun Tang
Tang Junxiong *see* Li Yimin 95938
Tang Kun *see* Liu Zhiyong 117279
Tang Kun *see* Wu Yue 118305
Tang Le *see* Le Tang
Tang Li *see* Li Tang
Tang Li-an *see* Li-an Tang
Tang Liang *see* Liang Tang
Tang Ling Li *see* Jackson, T.J. 120842
Tang Long *see* Long Tang

Tang Maocheng *see* Li Xuening 105928
Tang Maocheng *see* Wang Xing 63649
Tang Pingsheng *see* Pingsheng Tang
Tang Pushan *see* Chen Chunhong 106132
Tang Pushan *see* Tan Xiangdong 61540
Tang Pushan *see* Tan Xiangdong 95119
Tang Pushan *see* Yun Feng 63862
Tang Pushan *see* Zhang Yueqiu 61541
Tang Pushan *see* Pushan Tang
Tang Puying *see* Puying Tang
Tang Renjie A brief introduction to the first oil-free substation in Jiangsu province 112161
Tang Renyuan, Li Yan, Lin Feng, Tian Lijian Resultant magnetic fields due to both windings and heavy current leads in large power transformers 71394
Tang Renyuan, Sun Yutian, Wen Geng, Xu Yi Space time finite element in the electric machines 102642
Tang Renyuan, Yang Shiyou, Li Yan, Wen Geng, Mei Tiemin Combined strategy of improved simulated annealing and genetic algorithm for inverse problem 71283
Tang Renyuan *see* Yang Junyou 71392
Tang Renyuan *see* Yang Shiyou 102676
Tang Renyuan *see* Yang Shiyou 111923
Tang Shaoqong *see* Shaoqong Tang
Tang Shengshu *see* Ning Jiping 116452
Tang Song Yue *see* Song Yue Tang
Tang Tingao *see* Tingao Tang
Tang Tz-Hua *see* Tz-Hua Tang
Tang Wai-Cheung *see* Wai-Cheung Tang
Tang Wang *see* Wang Tang
Tang Wei-Pai *see* Wei-Pai Tang
Tang Weizhong *see* Zhou Xiaodong 119709
Tang Weizhong *see* Weizhong Tang
Tang Wen-Hui *see* Wen-Hui Tang
Tang Wen-Yuan *see* Chen Shih-H 111778
Tang Wenguo *see* Shen Wenzhong 115243
Tang Xiao-Xiao *see* Xiao-Xiao Tang
Tang Xiaofang *see* Xiaofang Tang
Tang Xiaowei *see* Han Jiaxiang 69808
Tang Xu, Y. *see* Garcia, R.L. 102906
Tang Xuefei *see* Xuefei Tang
Tang Yiliang, Wang Jingqin, Lu Jianguo Investigation on reliability test plan and failure analyses for relay 114371
Tang Yinsheng A design method for reactive power compensation in UHV network 80974
Tang Yong, Pei Xiandeng, Jiang Bo Study of the pulse-width-modulation recording in magnetooptical disc 95656
Tang Yong *see* Liu Zhaoxu 121047
Tang Yuan *see* Yuan Tang
Tang Yue Ping *see* Yue Ping Tang
Tang Yue-Jin *see* Yue-Jin Tang
Tang Yueli *see* Li Jianping 120192
Tang Yueping *see* Yueping Tang
Tang Yusheng *see* Jiang Jianfei 106685
Tang Zesheng *see* Zesheng Tang
Tang Zhang *see* Zhang Tang
Tang Zheng *see* Zheng Tang
Tang Zhijian Planning and design of unattended substations 81638
Tang Zi-Long *see* Zhang Zhong-Tai 81800
Tang-Yuan Lan *see* Kuei-Shu Chang-Liao 105484
Tangalos, E.G. Enabling technologies for telepresence 80163
Tangci Yuan *see* Yuan Tangci
Tange, M. *see* Mori, T. 118327
Tangemann, M. Near-far effects in adaptive SDMA systems 99204
Tangemann, M. *see* Rheinschmitt, R. 109477
Tanger, R. *see* Fechner, T. 98032
Tanghua Chen *see* Chen Tanghua
Tangirala, S. *see* Ray, A. 72355
Tango, H. *see* Ichinose, H. 95988
Tango, H. *see* Ihara, H. 94236
Tango, H. *see* Ishizuka, Y. 92889
Tango, H. *see* Tanaka, N. 69283
Tango, H. *see* Yamaguchi, T. 92888
Tangonan, G.L. *see* Chang, G.K. 109662
Tangyunyong, P., Barton, D.L. Photon statistics, film preparation and characterization in fluorescent microthermal imaging 95139
Tani, A. *see* Casadei, D. 121772
Tani, A. *see* Casadei, D. 121955
Tani, A. *see* Nielsen, P. 112134
Tani, F. *see* Yoshida, K. 107460
Tani, H. *see* Kusakari, H. 110907
Tani, J., Takagi, T., Nakaniwa, H., Ohtomo, K., Kosugo, K. Vibration suppression effect of liquid crystal under electromagnetic field 92972
Tani, J. *see* Fukutomi, H. 102407
Tani, J. *see* Qiu, J. 115448
Tani, J. *see* Takagi, T. 64276
Tani, J. *see* Vasil'ev, A.N. 115859
Tani, J., Esashi, M. *(editors)* Proceedings of the International Symposium on Microsystems, Intelligent Materials and Robots. Seventh International Symposium 103287
Tani, K. Friction models for a mobile machine using piezo vibration 84728
Tani, K., Yamada, T. H-version adaptive finite element method using edge element for 3D non-linear magnetostatic problems 96937
Tani, K., Yamada, T. New approach to coupled magnetic and thermal problem in induction heating system with traveling conducting plate using cubic interpolated pseudo-particle method 103165
Tani, K. *see* Kajita, S. 79711
Tani, K. *see* Yamada, T. 107853
Tani, M., Sugiura, T. Progress in color filters for LCDs 89317
Tani, M., Tonouchi, M., Zhen Wang, Sakai, K., Hangyo, M., Tomozawa, S., Murakami, Y. Enhanced sub-picosecond electromagnetic radiation from YBa$_2$Cu$_3$O$_{7-\delta}$ thin-film bow-tie antennas excited with femtoseconds laser pulses 115963
Tani, M. *see* Hyodo, M. 96237
Tani, M. *see* Sasaki, M. 104977
Tani, M. *see* Tonouchi, M. 75336
Tani, N. *see* Hayama, H. 100241
Tani, N. *see* Yonehara, H. 89802
Tani, S. *see* Imai, H. 92482
Tani, T., Kishimoto, T., Hirayama, H., Kamo, H., Fukuda, T., Nakanishi, Y. The power-supply control system for the toroidal magnets of the JFT-2M nuclear fusion research Tokamak 112057
Tani, T., Nakanishi, Y., Horita, T., Kawase, C., Oyabu, I., Kishimoto, T. World's largest DC flywheel generator for the toroidal field power supply of JAERI's JFT-2M Tokamak nuclear fusion reactor 91642
Tani, T. *see* Haraichi, S. 74549
Tani, T. *see* Sakai, M. 81909
Tani, T. *see* Shinoda, C. 70915
Tani, T. *see* Sugiyama, N. 105228
Tani, T. *see* Yamada, Y. 83822
Tani Junji *see* Junji Tani
Tanida, J., Maeda, T., Ichioka, Y. Construction of motorized optical fractal synthesizer 85228
Tanida, J. *see* Awatsuji, Y. 85186
Tanida, J. *see* Kagawa, K. 106897
Tanida, J. *see* Konishi, T. 85185
Tanida, J. *see* Watanabe, W. 85222
Tanie, K. *see* Iwamoto, K. 69417
Tanie, K. *see* Iwamoto, K. 110310
Tanie, K. *see* Yokoi, K. 110394
Tanielian, M.H. *see* Chung-Ping Chien 94133
Tanifuji, T., Nagasawa, S. Advanced optical cable and jointing technologies for upgrading access network 78675
Tanifuji, T. *see* Kihara, M. 106792
Tanigawa, H. *see* Korechika, T. 122056
Tanigawa, K. *see* Morii, M. 76808
Tanigawa, S. *see* Uedono, A. 63243
Tanigawa, T., Yoshino, A., Koga, H., Ohya, S. Improvement of refresh characteristics by SIMOX technology for giga-bit DRAMs 93359
Tanigawa, T. *see* Aimoto, Y. 73442
Tanigawa, T. *see* Yabe, Y. 113980
Taniguchi, A., Kitsuki, T., Nomura, M., Ooi, Y., Shiraishi, T., Tamitani, I. Single-chip MPEG1 audio/video decoder μPD61010 76781
Taniguchi, H., Kitauchi, Y., Kumano, T., Ariga, Y. Operational performance and testing method of superconducting generators in pump-back configuration 102632
Taniguchi, H., Sugimoto, H., Yokoyama, S. Observation of lightning performance on power distribution line by still cameras 121236
Taniguchi, H., Tanosaki, S., Tsujita, K., Inaba, H. Experimental studies on output, spatial, and spectral characteristics of a microdroplet dye laser containing Intralipid as a highly scattering medium 116398
Taniguchi, H. *see* Furusawa, H. 98131
Taniguchi, H. *see* Nakada, K. 121235
Taniguchi, H. *see* Tanosaki, S. 96119
Taniguchi, J. *see* Nishikado, Y. 80866
Taniguchi, K., Tachikawa, H., Nishida, T., Kitamura, H. Internet video-on-demand system architecture: MINS 109235
Taniguchi, K. *see* Asada, H. 84852
Taniguchi, K. *see* Asada, H. 115879
Taniguchi, K. *see* Kitamura, H. 118427
Taniguchi, K. *see* Kunikiyo, T. 74096
Taniguchi, K. *see* Li, X. 67585
Taniguchi, K. *see* Matsuoka, T. 105945
Taniguchi, K. *see* Morifuji, M. 105255
Taniguchi, K. *see* Shibata, K. 119295
Taniguchi, K. *see* Sonoda, K. 115119
Taniguchi, K. *see* Xiao Mang Zhang 70099
Taniguchi, K. *see* Zhao, X.D. 62815
Taniguchi, M., Mimura, K., Sato, H., Namatame, H., Ueda, Y. Ultraviolet inverse-photoemission and photoemission studies of diluted magnetic semiconductor Cd$_{1-x}$Mn$_x$Te 62718
Taniguchi, M. *see* Itoh, S. 73999
Taniguchi, M. *see* Itoh, S. 83741
Taniguchi, M. *see* Matsumoto, M. 77915
Taniguchi, M. *see* Miyake, H. 92806
Taniguchi, M. *see* Namatame, H. 79426
Taniguchi, N., Yasumoto, E., Gamo, T. Operating properties of solid oxide fuel cells using BaCe$_{0.8}$Gd$_{0.2}$O$_{3-\alpha}$ electrolyte 81744
Taniguchi, N., Yasumoto, E., Gamo, T. Operating properties of SOFCs using BaCe$_{0.8}$Gd$_{0.2}$O$_{3-a}$ electrolyte 81786
Taniguchi, N. *see* Hoshi, H. 100229
Taniguchi, R. *see* Yamada, M. 80064
Taniguchi, S. *see* Chuang, S.L. 106999
Taniguchi, S. *see* Miyake, Y. 81757
Taniguchi, T., Nishikawa, K., Miyaki, A. Wideband beamforming by means of band division 117368
Taniguchi, T. *see* Imori, M. 80131
Taniguchi, T. *see* Imori, M. 100930
Taniguchi, T. *see* Miura, T. 102770
Taniguchi, T. *see* Takahashi, R. 95422
Taniguchi, T. *see* Torii, S. 102631
Taniguchi, Y. *see* Asahi, T. 92667
Taniguchi, Y. *see* Kiguchi, M. 76168
Taniguchi, Y. *see* Kiguchi, M. 85598
Taniguchi, Y. *see* Satow, T. 95514
Taniguchi Noburou *see* Noburou Taniguchi
Tanii, T., Matsukawa, T., Mori, S., Koh, M., Shigeta, B., Igarashi, K., Ohdomari, I. Non-scalability of alpha-particle-induced charge collection area 73372
Tanii, T. *see* Koh, M. 74721
Tanii, T. *see* Mitsui, H. 79765
Tanimori, T. *see* Ochi, A. 110600
Tanimoto, G., Shinan Wang, Aida, F., Fujiwara, Y. A study on electrical breakdown by water treeing in XLPE 64150
Tanimoto, G., Shinan Wang, Aida, F., Fujiwara, Y. Investigation on harmfulness of water tree–effect of the space charge 114356
Tanimoto, H., Itakura, T., Ueno, T., Yasuda, A., Oda, K. An offset-free LPF for $\pi/4$-shift QPSK signal generator 73547
Tanimoto, H. *see* Kita, E. 113469
Tanimoto, H. *see* Takahashi, C. 78489
Tanimoto, H. *see* Tsurumi, H. 78488
Tanimoto, H. *see* Yoshii, K. 90566
Tanimoto, K. *see* Katagiri, A. 102603
Tanimoto, M., Minami, H., Kimoto, T. Orthogonal and linear-phase subband filters 67123
Tanimoto, M. *see* Arai, F. 67913
Tanimoto, M. *see* Atsumi, S. 73349
Tanimoto, M. *see* Kimoto, T. 77282
Tanimoto, M. *see* Koyama, K. 92657
Tanimoto, M. *see* Suzuki, S. 112875
Tanimoto, S. *see* Hirai, T. 94966
Tanimoto, S.L. Modeling issues in computer vision and multimedia 117607
Tanimoto, T. Analytical nonlinear HEMT model for large signal circuit simulation 106079
Tanimoto, T., Tanaka, S., Ohbu, I., Matsumoto, H., Nakamura, T. Dual-gate FETs for ultra-high efficiency HPA 62283
Tanimoto, T. *see* Kudo, N. 95040
Tanimoto, W. *see* Tamaki, M. 104240
Tanimoto, Y. *see* Hosokawa, T. 81611
Tanimoto, Y. *see* Nakanishi, T. 114507
Tanimura, D., Satoh, K., Anzai, S., Kumada, A. VHF source & measure module for LSI test systems 88916
Tanimura, J. *see* Endoh, Y. 62757
Tanimura, J. *see* Kuroda, K. 84896
Tanimura, J. *see* Takami, T. 84905
Tanimura, Y. *see* Mashimo, K. 100331
Tanino, K. *see* Matsuda, T. 95962
Tanino, K. *see* Shinohara, S. 104336
Tanino, N. *see* Kashiwa, T. 62356
Tanino, N. *see* Miyashita, M. 78702
Tanino, N. *see* Nakahara, K. 73794
Tanino, N. *see* Sasaki, Y. 73770
Tanino, N. *see* Shimada, M. 68016
Tanino, N. *see* Yamamoto, K. 62337
Tanioka, H. *see* Yea, B. 110271
Tanioka, K., Sugino, T., Shirafuji, J. Characterization of boron nitride films synthesized by plasma-assisted chemical vapor deposition 113477
Tanioka, K. *see* Kubota, M. 99753
Tanioka, K. *see* Kubota, M. 109902
Tanioka, K. *see* Nakano, Y. 119739
Tanishiro, Y. *see* Minoda, H. 82707
Tanisita, A. *see* Matozaki, T. 98280
Taniuchi, T. *see* Adachi, K. 61164
Taniuchi, T. *see* Higo, T. 79852
Taniuchi, T. *see* Imai, K. 116704
Taniuchi, T. *see* Kawase, K. 65423
Taniuchi, T. *see* Mizuno, A. 89757
Taniwa, K. *see* Miyajima, Y. 100240
Taniwatari, T. *see* Nakahara, K. 107312
Taniyama, H., Yoshii, A. Scattering-matrix method for the tight-binding model of heterostructure electronic states 63577
Taniyama, N. *see* Tajima, T. 100491
Tanizaki, T. *see* Ishikawa, Y. 89466
Tanizawa, M., Kikuta, T., Ishida, K., Saito, H., Sato, T., Ishizawa, K., Yoshida, K., Tei, T. Ultra small aperture terminal 99446
Tanizawa, M. *see* Shimizu, S. 84440
Tanji, H. *see* Omi, S. 76233
Tanji, Y., Nishio, Y., Ushida, A. Analysis of nonuniform and nonlinear transmission lines via frequency-domain technique 113701
Tank, R.W. *see* Lutjering, G. 105431
Tank, V. *see* Haschberger, P. 69186
Tanke, E. *see* Lapostolle, P. 120041
Tankhiwale, A. *see* Pascone, R. 101147
Tanklevskaya, E.M. *see* Timofeev, F.N. 63320
Tanko, L. *see* Arefiev, A. 69787
Tannaka, Y. Educational effects of utilizing a large-screen TV system in lecture 109959
Tannas, L.E., Jr. Overview of display technology 100260
Tannas, L.E., Jr. Overview of display technology 119803
Tanne, G., Toutain, S., Favennec, F., Jarry, P., Boschet, C. Computer aided design of contiguous-band output multiplexers (COMUX) 62199
Tanne, G. *see* Sheta, A.F. 83320
Tanneau, G. *see* Guerin, C. 71387
Tannehill, D., LaMaster, K. Mentoring in teacher education through electronic mail 98620

Tannenbaum, A. Three snippets of curve evolution theory in computer vision 108681
Tannenbaum, A. *see* Olver, P.J. 86423
Tannenbaum, A. *see* Yu-Li You 117847
Tanner, B.K. *see* Mock, P. 72842
Tanner, C. *see* Kuan-Zong Fung 81850
Tanner, C.J. A decision support system for integrated circuit package selection 106125
Tanner, G. Information management in enterprise wide client/server networks 98599
Tanner, N.W. *see* Moorhead, M.E. 95909
Tanner, N.W. *see* Moorhead, M.E. 105082
Tanner, P., Dimitrijev, S., Yew-Tong Yeow, Harrison, H.B. Measurement of plasma etch damage by a new slow trap profiling technique 114960
Tanner, P.G., Dimitrijev, S., Yeow, Y.T., Harrison, H.B. Creation of slow traps in MOS capacitors during RF plasma etching 105667
Tanner, R.E. *see* May, P.W. 72926
Tanner, V.V., Tiitta, A.T., Rosenberg, R.J., Kvamstrom, R.R. High count-rate gamma spectroscopy system for direct measurement of the primary coolant circuit radioactive contamination in nuclear power reactors 71078
Tanniou, J. *see* Kalonji, N. 119137
Tanno, K., Ishizuka, O., Zheng Tang Design and analysis of the current-mode CMOS analog defuzzification circuit for fuzzy controllers 93625
Tanno, K. *see* Koyama, A. 98727
Tanno, K. *see* Zhang Tang 61968
Tanno, T. *see* Ejiogu, E.C. 111941
Tanno, Y. *see* Karasawa, K. 115737
Tannock, P. *see* Farnham, R. 71001
Tannous, A.G. Air flow simulation in a minienvironment 84196
Tannous, C., Nigrin, J. Ray-tracing studies in a perturbed atmosphere 76439
Tannous, C.G. *see* Takaya, K. 80319
Tanoi, S., Tanabe, T., Takahashi, K., Miyamoto, S., Uesugi, M. A 250-622 MHz deskew and jitter-suppressed clock buffer using two-loop architecture 61998
Tanoi, S., Tanabe, T., Takahashi, K., Miyamoto, S., Uesugi, M. A 250-622 MHz deskew and jitter-suppressed clock buffer using two-loop architecture 93540
Tanoi, S. *see* Takahashi, K. 73328
Tanoi, T., Ido, T., Goto, H., Takemura, M. Deep levels in nitrogen doped ZnSe layers grown by MOVPE 62720
Tanomaru, J., Inubushi, A. A simple coding scheme for neural recognition of binary visual patterns 66965
Tanomoto, K. *see* Nemoto, T. 109275
Tanomura, K.-I. *see* Nakajima, T. 91661
Tanooka, H. *see* Maeda, F. 91959
Tanosaki, S., Taniguchi, H., Tsujita, K., Inaba, H. Microdroplet dye laser enhancing effects in dye-highly scattering intralipid mixture 96119
Tanosaki, S. *see* Taniguchi, H. 116398
Tanoue, H. *see* Kanemaru, S. 73991
Tanoue, H. *see* Kanemaru, S. 83725
Tanoue, H. *see* Kanemaru, S. 83726
Tanoue, H. *see* Kasai, Y. 82598
Tanoue, T. *see* Ohyu, S. 110799
Tanpo, Y. *see* Yonezawa, H. 80893
Tanrikulu, M.O. The impact of crosstalk and phase noise in multichannel coherent optical ASK systems 68511
Tanrikulu, M.O. How small can intermediate frequency be in coherent ASK lightwave systems? 68512
Tanrikulu, O., Chambers, J.A. Convergence and steady-state properties of the least-mean mixed-norm (LMMN) adaptive algorithm 86161
Tanrikulu, O., Kalkan, M. Design and discrete re-optimisation of all-pass based power symmetric IIR filters 93592
Tansel, I., Weijing Li, Carballo, M., Trujillo, M., Fallerio, B., Paz, E. High-speed micro gear inspection by evaluating laser beam reflections 79239
Tanskanen, J.M.A. *see* Gao, X.M. 109416
Tansley, T.L. *see* Bing Zhou 104157
Tansley, T.L. *see* Kumarl, S. 61396
Tansley, T.L. *see* Lumpkin, N.E. 63431
Tansley, T.L. *see* Osotchan, T. 100038
Tansley, T.L. *see* Osotchan, T. 119671
Tansley, T.L. *see* Zhou, B. 61387
Tansock, J.J., Jr. *see* Larsen, M.F. 108650
Tantaratana, S. *see* Nasipuri, A. 66681
Tantaratana, S. *see* Salih, M. 118788
Tantawi, S. *see* Ko, K. 100660
Tantawi, S.G., Lee, T.G., Ruth, R.D., Vlieks, A.E., Zolotorev, M. Design of a multi-megawatt X-band solid state microwave switch 100486
Tantawi, S.G., Ruth, R.D., Vlieks, A.E. Active radio frequency pulse compression using switched resonant delay lines 100485
Tantawi, S.G., Vlieks, A.E. Compact X-band high power load using magnetic stainless steel 89917
Tantawi, S.G. *see* Fowkes, W.R. 100487
Tantawy, O.A. *see* Ghanim, M.H. 60858
Tantayakom, S. Fuel option for gas turbine 71150
Tanton, N.E. *see* Oliphant, A. 119367
Tantot, O., Chatard-Moulin, M., Guillon, P. High temperature dielectric measurement using the TE11 mode in circular waveguide radiating through a small thick aperture 69470
Tanttu, J.T. *see* Vekara, T.T. 65734
Tanuma, A. *see* Matsumaru, K. 68917
Tanuma, T., Maeda, A., Tatezono, F., Kume, M., Matono, N. Giant magnetoresistance materials for ultra-high density magnetic recording heads 75238
Tanuma, T. *see* Kume, M. 84813
Tanurhan, Y. *see* Winter, A. 73056
Tanveer Ul Haq, Webb, K.J., Gallagher, N.C. Synthesis of waveguide mode control devices based on aperiodic gratings 95722
Tao, C. Road centerline reconstruction from sequential images based on shape from sequences 86538
Tao, C. *see* Barabanov, I.R. 110568
Tao, C. *see* Cribier, M. 110538
Tao, C.M. *see* Goel, L. 101728
Tao, J. *see* Hu, C. 63478
Tao, J.M., Chan, D.S.H., Chim, W.K. Spectroscopic observations of photon emissions in n-MOSFETs in the saturation region 63734
Tao, J.M., Chim, W.K., Chan, D.S.H., Phang, J.C.H., Liu, Y.Y. A high-sensitivity photon emission microscope system with continuous wavelength spectroscopic capability [semiconductor device failure analysis] 103517
Tao, J.M. *see* Chan, D.S.H. 99882
Tao, J.M. *see* Liu, Y.Y. 72255
Tao, M. *see* Mohammad, S.N. 72873
Tao, W.-K. *see* Simpson, J. 120768
Tao, X.T., Nakayama, M., Deguchi, T., Kouno, K., Watanabe, T., Miyata, S. Phase-matched second-harmonic generation in poled polymers by the use of birefringence 85654
Tao, X.T., Watanabe, T., Zou, D.C., Ukuda, H., Miyata, S. Bulk phase matched second harmonic generation of poled polymers 76253
Tao, X.T. *see* Watanabe, T. 85640
Tao, Y. *see* Landheer, D. 61407
Tao, Y.M., Nin, J., Zhang, C.R. Research on Ka-band short pulsed Gunn oscillator 73706
Tao, Y.M. *see* Nin, J. 78986
Tao Cai *see* Cai Tao
Tao Cai Hai *see* Hai Tao Cai
Tao Chen *see* Dutton, R.W. 73038
Tao Cheng *see* Ming-Dou Ker 84576
Tao Cheng *see* Ming-Dou Ker 95189
Tao Hong, Hull, J.J., Srihari, S.N. A unified approach towards text recognition 66880
Tao Hong *see* Chunfei Li 107578
Tao Jiang *see* Hancock, T. 72440
Tao Jiang *see* Jiang Tao
Tao Kuang-Chung *see* Kuang-Chung Tao
Tao Lan *see* Lan Tao
Tao Li Distributed decision fusion in the presence of link failures 66615
Tao Liang *see* Liang Tao
Tao Lin *see* Lin Tao
Tao Liu, Kim, D., Leung, D., Korhonen, M.A., Li, C.-Y. High Sn solder reaction with Cu metallization 74631
Tao Liu *see* Liu Tao
Tao Lu *see* Lu Tao
Tao Nie *see* Nie Tao
Tao Pan, Spratt, G.W.D. Thermal stability of ME recording media by measuring time and temperature effects 115678
Tao Pham Dinh *see* Pham Dinh Tao
Tao Qian *see* Qian Tao
Tao Shen *see* Wen Bin Dou 62216
Tao Song Kim *see* Hyung Jin Jung 84690
Tao Song Wun *see* Song Wun Tao
Tao Soon Cham *see* Cham Tao Soon
Tao Wang, Dubey, V.K. Generation of scattering functions by computer simulation for mobile communication channels 116906
Tao Wu *see* Theobald, M. 83062
Tao Xia, Xiangqun Zhong, Jun Sun, Qingyun Shi Correction of polynomial polyhedron 97997
Tao Xia *see* Xia Tao
Tao Xiaonong, Xu Shiming, Zhao Jinrong DISA series integrated substation automation system 81637
Tao Xiaonong *see* Zhao Jinrong 81639
Tao Xingshi *see* Gu Chenglin 71281
Tao Yang, Chua, L.O. Secure communication via chaotic parameter modulation 108100
Tao Yang, Jie Pan A measurement-based loss scheduling scheme 87607
Tao Yang, Lin-Bao Yang The global stability of fuzzy cellular neural network 114173
Tao Yang, Tsang, D.H.K., McCabe, P. Cell scheduling and bandwidth allocation for heterogeneous VBR video conferencing traffic 78130
Tao Yang *see* Andresen, D. 78022
Tao Yang *see* Chai Wah Wu 67508
Tao Yang *see* Chua, L.O. 114156
Tao Yang *see* Yang Tao
Tao Young Choi *see* Ju Hwan Oh 86622
Tao Yu, Yan-Feng Chen, Zhi-Guo Liu, Si-Bei Xiong, Li Sun, Xiao-Yuan Chen, Lian-Je Shi, Nai-Ben Ming Epitaxial $Pb(Zr_{0.53}Ti_{0.47})O_3$/$LaNiO_3$ heterostructures on single crystal substrates 115410
Tao Yu *see* Li Sun 75027
Tao Yu *see* Wang Mingxin 91124
Tao Yu *see* Wen-Hui Ma 64073
Tao Yuhua *see* Zhang Shaohua 81330
Tao Zhang *see* Chlamtac, I. 78731
Tao Zhang *see* Inoue, A. 64274
Tao Zhu, Jun Huang, Hayes, J.F. Performance of adaptive connection admission and flow control with controlled server in ATM network 117949
Tao Zhu *see* Jun Huang 72628
Tao Zhuchong *see* Zhang Enguan 114530
Tao Zhucong *see* Wang Huacen 120038
Tao Zucong *see* Yu Haijun 116574
Taoka, M., Kanetaka, T. Chip inductors for high-frequency applications 114348
Taomoto, A. *see* Tu, S.L. 63716
Taomoto, A. *see* Tu, S.L. 105913
Taomoto, A.A. *see* Mamileti, L. 122063
Taouk, M. *see* Ebong, A.U. 81880
Taoutaou, D. *see* Ortega, R. 121494
Taoye Yin *see* Yin Taoye
Tapfer, L. *see* Bratina, G. 72787
Tapfer, L. *see* Di Dio, M. 83945
Tapfer, L. *see* Leo, G. 63051
Tapfer, L. *see* Leo, G. 82639
Tapfer, L. *see* Marschner, T. 61299
Tapfer, L. *see* Rinaldi, R. 62941
Tapia, J.M. *see* Calderon, J.C. 78311
Tapia, J.M. *see* Corominas, E. 118492
Tapia, M.A.P. *see* Parrazales, R.U. 102733
Tapia, R., Zhang, Y., Saltzman, M., Weiser, A. The Mehrotra predictor-corrector interior-point method as a perturbed composite Newton method 103763
Tapia, R.A. *see* El-Bakry, A.S. 72517
Tapia, R.A. *see* El-Bakry, A.S. 82508
Tapia M., H. *see* Rios M., S. 101960
Tapley, B.D. *see* Rim, H.-J. 79073
Taplin, R. *see* Xiaojiang Yu 121279
Taponecco, L. *see* Bolognesi, P. 91669
Taponecco, L. *see* Carrara, G. 112088
Taponecco, T. *see* Bolognesi, P. 102882
Tapp, T.L., Xiao-An Wang, Wicker, S.B. Soft decision hybrid-ARQ error control for mobile data networks 119049
Tapper, M. The budget approach to substation automation 81630
Tappura, K., Aarik, J., Nurmi, T., Pessa, M. Influence of aging on the performance of solid source molecular beam epitaxy grown GaInP/AlGaInP quantum well lasers 75978
Tappura, K. *see* Toivonen, M. 92778
Tapster, P. *see* Hill, C.A. 107078
Tapupere, O. *see* Annus, A. 102211
Taquin, J. *see* Momy, A. 100798
Taquin, J. *see* Souza, M. 96931
Tarabrin, Yu.A. *see* Griscom, D.L. 85004
Tarach, D., Trenkler, G. Calibration of inductive voltage dividers at extremely low frequencies 62081
Tarakanov, M.V. *see* Baranov, V.I. 100730
Tarakanov, M.V. *see* Biryukov, V.M. 100729
Tarakanovskij, E.N. *see* Dulson, A.A. 82049
Taran, V.V., Alekseenko, G.A. An analytical model of delay in the packet transport system of speech transmission 67570
Taranenko, V.P. *see* Omel'yanenko, M.Y. 79132
Tarantino, M. *see* Thomas, A. 78999
Taranu, G. *see* Gheorghiu, D. 102449
Taranukhin, V. *see* Constant, E. 107517
Tarao, R., Saito, H., Sawada, S., Goto, Y. Advances in liquid crystals for TFT displays 85114
Tarao, R. *see* Demus, D. 85133
Tarapov, S.I. *see* Bodnaruk, O.A. 94445
Tararykin, S.V., Tyutikov, V.V. Multichannel electromechanical systems 71790
Taras, P. *see* Georgian, C. 84697
Tarascon, J.-M. *see* Doyle, M. 81714
Tarascon, J.-M. *see* Gozdz, A.S. 81695
Tarascon, J.M. *see* Schmutz, C. 81687
Tarasenko, A. *see* Efimov, S. 79962
Tarasenko, V.F., Lomaev, M.I., Panchenko, A.N., Skakun, V.S., Sosnin, E.A., Fedenev, A.V. High-power coherent and incoherent UV and VUV sources 107060
Tarasenko, V.F. *see* Boichenko, A.M. 65042
Tarasenko, V.F. *see* Boichenko, A.M. 75807
Tarasenko, V.F. *see* Karelin, A.V. 65037
Tarasenko, V.F. *see* Koval'chuk, B.M. 85361
Tarasevich, M.R. *see* Bogdanovskaya, V.A. 110223
Tarasov, B.V., Barkhanov, A.M., Vlasov, K.B. Ellipticity and rotation of the plane of polarization of ultrasound in ferromagnetic materials with cubic symmetry 106554
Tarasov, I.S. *see* Katsavets, N.I. 96315
Tarasov, I.S. *see* Sherbakov, A.S. 95678
Tarasov, M., Ivanov, Z. Optimization of input impedance and mechanism of noise suppression in a DC SQUID RF amplifier 82971
Tarasov, M., Prokopenko, G., Jacobsson, S., Koshelets, V., Kovtonyuk, S., Holmstedt, C., Filippenko, L., Serpuchenko, I., Shitov, S., Vystavkin, A., Kollberg, E. Experimental studies of Josephson mixing in SIS junctions with 500 GHz band local oscillator 73702
Tarasov, M., Vystavkin, A., Filippenko, L. Performance margins and application area of SQUID amplifiers 113765
Tarasov, M. *see* Vystavkin, A. 73701
Tarasov, M. *see* Vystavkin, A. 75349
Tarasov, M. *see* Vystavkin, A. 110341
Tarasov, V.A. *see* Sysoeva, E.P. 100889
Tarasov, V.A. *see* Viday, Y.T. 100884
Tarasov, V.I. A method for calculating steady-state conditions of electric distribution networks 121122
Tarasov, V.I., Novokshonov, O.G. A full-scale PC-based load-flow simulator for a training of the

electric power systems' dispatching personnel 101852
Tarasov, V.I. *see* Anapolsky, L.Yu. 120953
Tarasov, V.V. On the synthesis of circuits using unreliable generalized contacts 73009
Tarassenko, L. *see* Cairns, G. 73594
Tarassenko, L. *see* Scott, V.A. 80372
Taratin, A. *see* Tsyganov, E. 89747
Taratorin, A.M., Sideman, S. Constrained regularized image restoration using projection on a set of regularized solutions 77396
Tarayre, H., Massonnet, D. Atmospheric propagation heterogeneities revealed by ERS-1 interferometry 90783
Tarbaev, N.I. *see* Vas'ko, F.T. 74266
Tarbouchi, M., Le-Huy, H. Nonlinear control of an induction motor using a DSP 71299
Tarchenko, N.V. *see* Kirillov, V.I. 109632
Tarczynski, A., Cain, G.D. A new algorithm for designing near-optimal Chebyshev IIR and FIR filters 83226
Tardieu, A. *see* Silva, F. 72923
Tardioli, G. *see* Cascio, L. 85914
Tarditi, S.G. *see* Rhodes, M.A. 85085
Tardos, E. *see* Rabani, Y. 98692
Tardos, G. *see* Karolyi, G. 92478
Tardos, J.D. *see* Neira, J. 79714
Tardy, I., Piau, G.-P., Chabrat, P., Rouch, J. Computational and experimental analysis of the scattering by rotating fans 107872
Tardy, J. *see* Drouot, V. 106056
Tareb-Reyes, M. *see* Bosi, F. 90134
Tarenkov, V.Yu. *see* D'yachenko, A.I. 95456
Tareyev, B.M. *see* Mesenzhnik, Ya.Z. 103205
Targ, R., Ames, L.L. LIDAR wind sensing at cruise altitude for flight-level optimization 120611
Targonski, S.D., Waterhouse, R.B., Pozar, D.M. Wideband aperture coupled stacked patch antenna using thick substrates 117032
Targovnik, H.S. *see* Carol, M. 70199
Tari, Z.S.G., Shah, J., Pien, H. A computationally efficient shape analysis via level sets 110750
Taricco, G. On the capacity of the binary input Gaussian and Rayleigh fading channels 66239
Taricco, G., Viterbo, E. Performance of component interleaved signal sets for fading channels 76687
Taricco, G. *see* Biglieri, E. 88171
Taricco, G. *see* Caire, G. 66475
Taricco, G. *see* Caire, G. 76713
Tarico, C. *see* Rahmoune, M. 111269
Tarim, N., Yenen, B., Kuntman, H. Simple and accurate nonlinear current conveyor macromodel 113696
Tariq, M., Balachandran, W., Halimic, M., Cecelja, F., Enab, Y.M. The simulation and application of adaptive filtering on an industrial checkweigher 100346
Tarkan, N. *see* Usta, O. 121230
Tarkoy, F. MMSE-optimal feedback and its applications 67503
Tarkoy, F. Information-theoretic aspects of spread ALOHA 98451
Tarnay, K., Masszi, F., Poppe, B.A., Verhas, T., Kocsis, T., Kohari, Z. A 3D Monte Carlo semiconductor device simulator for submicron silicon MOS transistors 63681
Tarnekar, S.G. *see* Suryawanshi, H.M. 121557
Tarnetsky, V. *see* Nezhevenko, O. 89765
Tarnetsky, V. *see* Yakovlev, V. 100482
Tarnetsky, V.V. *see* Kozyrev, E.V. 79766
Tarnetsky, V.V. *see* Kozyrev, E.V. 114520
Tarng, J.H. *see* Chen, C.-M. 97200
Tarng Jenn-Hwan *see* Jenn-Hwan Tarng
Tarniceriu, D. *see* Munteanu, V. 66533
Tarnovan, R. *see* Munteanu, R. 71353
Tarnow-Mordi, W. *see* Drew, T. 70221
Tarof, L.E. *see* Ma, C.L.F. 64924
Tarof, L.E. *see* Ma, C.L.F. 85286
Taroni, A. *see* Ferrari, V. 89005
Taroni, P. *see* Mutti, P. 94262
Tarot, A.C., Sharaiha, A., Terret, C., Garnier, Y., Demeure, L., Leroux, Y., Blot, J.P. Low cost technology for printed antennas 66029
Tarot, A.C., Terret, C. A compact circularly polarized microstrip antenna with integrated feed 76563
Tarot, A.D. *see* Diouris, J.F. 68124
Tarovik, M. *see* Severgin, Yu. 89876
Tarr, C.J., Kinsman, P. The validity of security risk assessment 112827
Tarr, G. *see* Damodaran, M. 66899
Tarr, N.G., Plett, C., Yeaton, A., Mackay, G.F., Thomson, I. Limitations on MOSFET dosimeter resolution imposed by 1/f noise 120553
Tarr, N.G., Soreefan, R., MacElwee, T.W., Snelgrove, W.M., Bazarjani, S. Simple backgated MOSFET structure for dynamic threshold control in fully depleted SOI CMOS 74824
Tarr, N.G. *see* Dantu, S.V. 63143
Tarricone, L., Dionigi, M., Sorrentino, R. A strategy for the efficient mode matching analysis of complex waveguide networks 93740
Tarricone, L. *see* Dionigi, M. 83350
Tarricone, L. *see* Dionigi, M. 93055
Tarricone, L. *see* Esposito, A. 93052
Tarroux, P. *see* Andrey, P. 67258
Tarroza, A.E.R., Jr, Valentus, V.P.C. Adaptive noise reduction control using a 24-bit fixed point digital signal processing system 103168
Tarroza, A.E.R., Jr. *see* Juco, R.A.L. 93414
Tarsa, E.J. *see* Mondry, M.J. 92691
Tarshis, L.A. *see* McGourty, J. 72158
Tarsia, M.J. *see* Khorramabadi, H. 73534
Tartachnik, V.P. *see* Vernidub, R.M. 116216
Tartaglia, M. *see* Canova, A. 102712
Tartagni, M. *see* Graffi, S. 95198
Tartara, G. *see* Magarini, M. 117392
Tartavel, G. *see* Braud, F. 114986
Tarte, E.J. *see* Takeuchi, I. 84886
Tarter, T. *see* Joiner, B. 103443
Tarter, T.S., Goetz, M.P., Papageorge, M. BGA performance characteristics: a user's design guide 92229
Tartler, D. *see* Baumann, J.R. 60763
Tartwijk, G.H.M.van *see* van Tartwijk, G.H.M.
Tarucha, S., Austing, D.G., Honda, T., van der Hage, R.J., Kouwenhoven, L.P. Shell filling and spin effects in a few electron quantum dot 114792
Tarucha, S., Honda, T., Saku, T. Mutual Coulomb interaction and random potential scattering in long ballistic quantum wires 62933
Tarucha, S. *see* Austing, D.G. 63816
Tarucha, S. *see* Tokura, Y. 62927
Tarucha, S. *see* Tokura, Y. 94548
Tarucha, S. *see* Wang, T.H. 83942
Tarui, H. *see* Hishikawa, Y. 103018
Tarui, J. *see* Miltersen, P.B. 87275
Tarui, Y. *see* Hirai, T. 94966
Tarumi, H. *see* Asakura, T. 118300
Tarumi, K., Bremer, M., Schuler, B. Development of new liquid crystal materials for TFT LCDs 119810
Tarumi, K., Jacob, T., Graf, H.-H. On the flow effect of super twisted nematic cells 95873
Tarusawa, K. *see* Itoh, N. 69276
Tarusawa, Y. *see* Futakata, T. 78840
Tarusawa, Y. *see* Futakata, T. 99587
Tarusawa, Y. *see* Nojima, T. 68121
Tarutani, Y. *see* Kabasawa, U. 75297
Tarutani, Y. *see* Kabasawa, U. 84897
Taruya, N., Kasakawa, M., Tonohara, M. Software for GS8600 and GS8400 67826
Tarvainen, E., Ronkainen, H., Kattelus, H., Riihisaari, T., Kuivalainen, P. 1.8 GHz current-controlled oscillator IC implemented by using integrated inductors and 0.8 µm BiCMOS technology 93870
Tarver, R. *see* Donnelly, K. 74851
Tarvet, F. *see* Laing, I.A. 90333
Tasaka, S., Hayashi, K., Ishibashi, Y. Congestion control for integrated video and data transmission in a wireless LAN 77994
Tasaka, S., Ohishi, K., Inagaki, N. Ferroelectric behavior in aliphatic polythioureas 106343
Tasaka, S. *see* Inagaki, N. 92965
Tasaka, S. *see* Ishibashi, Y. 79184
Tasaka, S. *see* Jayasuriya, A.C. 75033
Tasaka, S. *see* Nakanishi, H. 118034
Tasaki, A. *see* Kita, E. 113469
Tasaki, K., Yazawa, T., Yoneda, E.S., Nomura, S., Maeda, H., Ohkuma, T., Nakade, M., Hara, T. Quench current degradation in superconducting coil for 6.6 kV/2 kA fault current limiter 102263
Tasaki, K. *see* Koyanagi, K. 95535
Tasaki, K. *see* Yazawa, T. 102053
Tasaki, N., Mizutani, K., Nagai, K. Analysis of acoustic field in liquid radiated by dispersive surface acoustic wave transducer 90853
Tasaki, S. *see* Kawai, T. 120180
Tasaki, T., Tokuhara, S., Ohtani, T., Andoh, H., Ohuchi, K. HDL Synthetic Macros 73296
Tasch, A.F. Issues and challenges in MOSFET scaling below 0.6 microns for ULSI technology 63717
Tasch, A.F., Banerjee, S.K. Ultra-shallow junction formation in silicon using ion implantation 94699
Tasch, A.F. *see* Tian, S. 94694
Tasch, A.F. *see* Wang, C.-L. 94777
Tasch, A.F., Jr. *see* Hasnat, K. 94956
Tascini, G., Zingaretti, P., Conte, G., Zanoli, S.M. Perception of an underwater structure for inspection and guidance purpose 117793
Tascini, G. *see* Zingaretti, P. 66897
Tascone, R. *see* Orta, R. 68547
Tascone, R. *see* Orta, R. 76365
Tascone, R. *see* Orta, R. 93747
Tasgal, R.S. *see* Malomed, B.A. 116050
Tashiro, A. *see* Kikuta, Y. 87678
Tashiro, H. *see* Akagawa, K. 75884
Tashiro, H. *see* Harada, Y. 121182
Tashiro, H. *see* Midorikawa, K. 116637
Tashiro, H. *see* Satoh, S. 93394
Tashiro, H. *see* Tejima, S. 118388
Tashiro, H. *see* Wada, S. 65152
Tashiro, K., Tanaka, R., Ushitora, K., Kobayashi, M. Annealing effect on ferroelectric phase transitional behavior of vinylidene fluoride-trifluoroethylene copolymers: an interpretation based on the concept of domain and trans-gauche conformational disorder 106340
Tashiro, M. *see* Ohashi, T. 99891
Tashiro, M. *see* Utsumi, H. 73026
Tashiro, S. *see* Mashimo, T. 84840
Tashiro, T. *see* Hashimoto, T. 84328
Tashiro, T. *see* Sato, F. 63906
Tashiro, T. *see* Sato, F. 68437
Tashiro, T. *see* Sato, F. 119167
Tashiro, Y., Izuoka, T., Yanaka, K., Ito, Y., Ono, N., Yashima, Y., Yamauchi, H., Kotera, H. MPEG2 video and audio codec board set for a personal computer 78270
Tashiro, Y. *see* Fujisaki, A. 75846
Tashiro, Y. *see* Ikeda, M. 73416
Tashiro, Y. *see* Suguri, K. 77531
Tashita, T. *see* Shimada, H. 69428
Tashjian, G.P. *see* Holliday, A. 92235
Tashjian, G.P. *see* Wenger, G.M. 92187
Tashlinskii, A.G. Algorithm for declusterization of detection zones on a sequence of image frames 67181
Tashlinskii, A.G. *see* Gorokhin, V.N. 67171
Tashlinskii, A.G. *see* Krasheninnikov, V.R. 67177
Tashlinskii, A.G. *see* Vasil'ev, K.K. 70132
Tashlinskii, A.G. *see* Vinokurov, V.A. 70133
Tashpulatov, Z.T. *see* Bakhramov, S.A. 75889
Tasi Jung-Hui *see* Jung-Hui Tasi
Tasi Lih-Lang *see* Lee Ting H 111566
Tasia, T. *see* Froidure, J.-C. 78834
Tasic, D., Rajakovic, N. Ampacity evaluation of overhead lines in distribution networks 81059
Tasic, D., Rajakovic, N. Impact of type of load on the point of voltage collapse 90982
Tasic, J.F., Zajc, M., Kosir, A. Comparison of some parallel matrix multiplication algorithms 113239
Taskent, D. *see* Griffel, G. 65387
Tasker, G.W., Bentley, S.T., Shank, S.M., Seave, R.J., Then, A.N. Microfabrication of channel electron multipliers 74082
Tasker, P.J., Demmer, M., Schlechtweg, M., Fernandez Barciela, M. Novel approach to the extraction of transistor parameters from large signal measurements 62290
Tasker, P.J. *see* Demmler, M. 62294
Tasker, P.J. *see* Demmler, M. 93846
Tasker, P.J. *see* Schlechtweg, M. 114321
Taskin, I. *see* Gamidov, R. 85506
Taskin, T. *see* Coppinger, F. 62929
Taskinen, M. *see* Lipsanen, H. 105336
Taskinen, P. *see* Jaske, E.J. 91243
Taskov, M.P., Medic, I., Rocak, D. A new approach to the synthesis of circuits with specified temperature dependent transfer function 61524
Taskov, M.P. *see* Zarnik, M.S. 61684
Taspinar, N. Hybrid SR ARQ using sequential decoding with partial retransmission and code combining for point-to-multipoint communications 77760
Taspinar, N., Kesgin, A.S. Generalized type-II hybrid ARQ scheme using punctured convolutional coding for point-to-multipoint communication over interleaved Rayleigh fading AWGN channel 88127
Taspinar, N. *see* Yuksel, M.E. 120402
Tasselli, J. *see* Faleh, M.S. 94936
Tassin, N., Potier, T., Jamin, T. Manufacturing and characterisation of new lightweight nickel electrodes 112209
Tassis, D.H., Mitsas, C.L., Zorba, T.T., Angelakeris, M., Dimitriadis, C.A., Valassiades, O., Siapkas, D.I., Kiriakidis, G. Optical and electrical characterization of high quality β-$FeSi_2$ thin films grown by solid phase epitaxy 113336
Tassis, D.H., Mitsas, C.L., Zorba, T.T., Dimitriadis, C.A., Valassiades, O., Slapkas, D.I., Angelakeris, M., Poulopoulos, P., Flevaris, N.K., Kiriakidis, G. Infrared spectroscopic and electronic transport properties of polycrystalline semiconducting $FeSi_2$ thin films 94432
Tassis, D.H. *see* Dimitriadis, C.A. 63692
Tassiulas, L. Push forward link-level scheduling for network-wide performance 77634
Tassiulas, L. *see* Papavassiliou, S. 78523
Tasso, J.P. *see* Neve, J. 66031
Tassoni, C. *see* Collamati, L. 121495
Tassoni, C. *see* Filippetti, F. 91516
Tassoni, C. *see* Filippetti, F. 91530
Tassoni, C. *see* Franceschini, G. 91529
Tassy, I., Sentis, M., Delaporte, Ph., Jaouen, L., Fontaine, B., Forestier, B., Uteza, O. Influence of the cathode material on the discharge quality of a high PRF long pulse XeCl laser 107059
Tastet, P., Garnier, J., Garraud, L., Chabannes, P., David, J.P., Millan, P. Radiation tests on BCD100 smart power technology 104337
Tastet, P. *see* Dachs, C. 106047
Tastet, P. *see* Mouret, I. 74744
Tastet, P. *see* Mouret, I. 106025
Taswell, C. Satisficing search algorithms for selecting near-best bases in adaptive tree-structured wavelet transforms 117313
Tat Tsui Hung *see* Tsui Hung Tat
Tat-Kee Tan *see* Yilong Lu 70272
Tat-Ming Au, Mehrpour, H. Delay performance of a leaky bucket regulated multiplexer based on burstiness characterization 77651
Tatakis, A. *see* Bouras, C. 109241
Tatakis, E., Polyzos, N. A novel approach to evaluate the behavioral characteristics of zero-voltage switching quasi-resonant converters 121682
Tatakis, E., Polyzos, N., Safacas, A. Predicting real characteristics of boost zero-voltage switching quasi-resonant converters 61628
Tatam, R.P. *see* Dockney, M.L. 69198
Tatam, R.P. *see* Ford, H.D. 119713
Tatam, R.P. *see* Huang, J.-R. 119907
Tatam, R.P. *see* James, S.W. 79438
Tatarenko, S. *see* Baron, T. 74203
Tatarenko, S. *see* Daudin, B. 82621
Tatarenko, S. *see* Veron, M.B. 104035

Tatarinov, A.A. *see* Aulchenko, V.M. 100917
Tatarinskaya, O.M. *see* Gorya, O.S. 74439
Tatashev, A.G. A queue system with variable input intensity 82377
Tatashev, A.G. Queueing system with group arrivals and a stack discipline 113078
Tatchyn, R. Optical cavity vs. electron beam requirements for the operation of a 1.5 Å LCLS in a regenerative amplifier mode 96541
Tatchyn, R. Image tuning techniques for enhancing the performance of pure permanent magnet undulators with small gap/period ratios 107375
Tatchyn, R., Arthur, J., Baltay, M., Bane, K., Boyce, R., Cornacchia, M., Cremer, T., Fisher, A., Hahn, S.J., Hernandez, M., Loew, G., Miller, R., Nelson, W.R., Nuhn, H.D., Palmer, D., Paterson, J., Raubenheimer, T., Weaver, J., Wiedemann, H., Winick, H., Pellegrini, C., Travish, G., Scharlemann, E.T., Caspi, S., Fawley, W., Halbach, K., Kim, K.J., Schlueter, R., Xie, M., Meyerhofer, D., Bonifacio, R., De Salvo, L. Research and development toward a 4.5-1.5 Å linac coherent light source (LCLS) at SLAC 96526
Tatchyn, R. *see* Caspi, S. 100454
Tatchyn, R. *see* Cremer, T. 84839
Tatchyn, R. *see* Cremer, T. 96560
Tate, A., Uno, T., Mino, S., Shibukawa, A., Shintaku, T. Crystallinity of Ce substituted YIG films prepared by RF sputtering 82760
Tate, A. *see* Montgomery, R.K. 93888
Tate, A.R., Watson, D., Eglen, S., Arvanitis, T.N., Thomas, E.L., Bell, J.D. Automated feature extraction for the classification of human in vivo ^{13}C NMR spectra using statistical pattern recognition and wavelets 90378
Tate, G. *see* Cronyn, W. 109784
Tate, H. *see* Takeuchi, S. 109194
Tate, J. *see* Guo, H.Z. 62584
Tate, J. *see* Guo, H.Z. 62622
Tate, J.P. An investigation of center-conductor corrugation effects in coaxial gyrotron cavities 114519
Tate, K. *see* Doshi, P. 102981
Tate, T.J. *see* Rastomjee, C.S. 105567
Tatebe, O. *see* Oyanagi, Y. 92585
Tateda, M. *see* Ohashi, M. 64697
Tateda, M. *see* Tanaka, K. 78937
Tateiba, M. *see* Nanbu, Y. 116869
Tateishi, H. *see* Agatsuma, K. 95429
Tateishi, H. *see* Arai, K. 95430
Tateishi, H. *see* Higuchi, N. 102606
Tateishi, H. *see* Nomura, H. 95572
Tateishi, T. *see* Okazaki, Y. 120522
Tateishi, T. *see* Yamane, T. 90607
Tatematsu, Y., Mesaki, M., Higashiura, A., Sano, F., Demoto, T. Development of self-lubricating magnet wires for alternative refrigerants 122092
Tateno, K. *see* Ohiso, Y. 96279
Tateno, K. *see* Ohiso, Y. 96377
Tateno, M. *see* Kaminskii, A.A. 76154
Tateno, Y. *see* Nishizawa, K. 101215
Tateno, Y. *see* Tohyama, N. 64054
Tateoka, K. *see* Makioka, S. 88197
Tater, M. *see* Exner, P. 116970
Tatezono, F. *see* Tanuma, T. 75238
Tatibouet, J. *see* Gobin, P. 92974
Tatibouet, J. *see* Gobin, P.-F. 113552
Tatibouet, J. *see* Jayet, Y. 92987
Tatikonda, L.U., Tatikonda, R.J. Measuring and reporting the cost of quality 92303
Tatikonda, R.J. *see* Tatikonda, L.U. 92303
Tatishvili, G.T. *see* Aleev, A.N. 120186
Tatsch, P.J. *see* Diniz, J.A. 114879
Tatsis, G.P. *see* Semenov, S.Y. 101294
Tatsuki, T. *see* Sadakata, N. 91772
Tatsuki, Y. *see* Inazaki, K. 109653
Tatsuma, T. *see* Oyama, N. 81686
Tatsumi, E. *see* Mojtahedi, H.A. 120514
Tatsumi, K., Zaghib, K., Sawada, Y., Abe, H., Ohsaki, T. Mechanism of lithium storage in well-graphitized vapor-grown carbon fiber using as the negative electrode of rechargeable lithium ion batteries 81666
Tatsumi, K. *see* Ebizuka, K. 111761
Tatsumi, K. *see* Zaghib, K. 81668
Tatsumi, M. *see* Sano, T. 102077
Tatsumi, T., Kakehi, K., Harada, Y. WWW server for everyone–how to make the best use of each other's intellectual resources 109068
Tatsumi, T. *see* Endo, K. 61375
Tatsumi, T. *see* Endo, K. 72892
Tatsumi, T. *see* Hashimoto, T. 84328
Tatsumi, T. *see* Mogami, T. 63483
Tatsumi, T. *see* Ogura, A. 105544
Tatsumi, T. *see* Sato, F. 63906
Tatsumi, T. *see* Sato, F. 68437
Tatsumi, T. *see* Sato, F. 119167
Tatsuno, H. *see* Tokura, N. 67688
Tatsuno, T. *see* Satake, T. 116046
Tatsuno, T. *see* Yamamoto, K. 63364
Tatsuno, Y. *see* Suzuki, S. 87018
Tatsuoka, H. *see* Kuwabara, H. 74398
Tatsuoka, H. *see* Nakanishi, Y. 64953
Tatsuoka, H. *see* Nakanishi, Y. 104031
Tatsuuma, K. *see* Koike, N. 113797
Tattam, C., Williams, A.J., Hay, J.N., Harris, I.R., Tedstone, S.F., Ashraf, M.M. Improvement in the mechanical properties of PTFE bonded Nd-Fe-B magnets by heat treatment 84838
Tattersall, P. *see* Button, J. 99375
Tattersall, P.R. Cellular environmental issues 99380
Tattje, H., van Etten, W. BER calculation of the optical coherent DPOLSK receiver based on Gaussian approximation of the PDFs 78828
Tatum, B.A., Juras, R.C., Meigs, M.J. Control system for the Holifield Radioactive Ion Beam Facility 89927
Tatum, B.A. *see* Bailey, J.D. 79921
Tatum, B.A. *see* Dowling, D.T. 100713
Tatum, B.A. *see* Meigs, M.J. 79886
Tatum, L.G. Control charts for the detection of a periodic component 82298
Taturevich, I.I. *see* Volosovich, A.E. 85184
Tatzij, T.V. *see* Sursaeva, V.G. 113530
Taub, J.J., Hollung, S., Popovic, Z. Comment on "A quasi-optical isolator" [and reply] 114239
Tauber, J. *see* Mandolesi, N. 109844
Taubin, G., Zhang, T., Golub, G. Optimal surface smoothing as filter design 66789
Taubkin, I.I., Trishenkov, M.A. Limiting sensitivity and information content of thermal viewers and other optoelectronic image converters 100105
Taubman, D., Zakhor, A. A common framework for rate and distortion based scaling of highly scalable compressed video 97898
Taucher, F., Weitkamp, C., Michaelis, W., Cammenga, H.K., Bauerecker, S. Diode laser spectroscopy of complex molecules with enclosive flow cooling for spectral simplification 69558
Taucher, W., Adler, T.C., McLarnon, F.R., Cairns, E.J. Development of lightweight nickel electrodes for zinc/nickel oxide cells 121848
Tauchi, T. *see* Ujiie, N. 69853
Taudt, W. *see* Drechsler, M. 74372
Taudt, W. *see* Heitz, R. 74211
Taudt, W. *see* Lampe, S. 74208
Taufer, M. *see* Chiaveri, E. 100417
Taufflieb, E. *see* Martin, P. 84990
Taufnieb, E. *see* Lefevre, H.C. 75470
Tauiguchi, K. *see* Matsuyama, K. 115626
Taumi, S.-I. *see* Ozawa, K. 117288
Taur Yuan *see* Yuan Taur
Taura, K., Tsujishita, M., Takeda, M., Kato, H., Ishida, M., Ishida, Y. A digital audio broadcasting (DAB) receiver 109866
Taurel, E. *see* Chung, Y. 100613
Taurigna-Quere, M. *see* Chehab, R. 89714
Tauritz, J.L. *see* de Vreede, L.C.N. 84319
Tauritz, J.L. *see* Sun, Y. 83437
Tauritz, J.L. *see* Van Vliet, F.E. 93902
Tauritz, J.L. *see* Wallage, S. 83412
Taurok, A. *see* Bergauer, H. 69856
Tausch, J., White, J. Multipole accelerated capacitance calculation for structures with multiple dielectrics with high permittivity ratios 84558
Tauscher, R.C. *see* Hamma, G.A. 61511
Tauschitz, J. *see* Schrofelbauer, H. 111780
Tauschwitz, A., Yu, S.S., Eylon, S., Reginato, L., Leemans, W., Rasmussen, J.O., Bangerter, R.O. Experimental investigations of plasma lens focusing and plasma channel transport of heavy ion beams 96956
Taut, C. *see* Garnov, S.V. 92954
Taute, B.J.E. *see* Groenewald, J.J. 122082
Tautz, M. *see* Ginet, G.P. 70317
Tavakoli, A. *see* Moini, W. 66001
Tavangarian, D., Dicken, H. Mobile usage of multimedia in the World-Wide Web 78094
Tavares, D. *see* Shadaram, M. 100159
Tavares, H.M.F. *see* Filho, J.R.F. 87977
Tavares, J., Bender, H., Maex, K. Transmission electron microscopy characterisation of ion beam synthesised $FeSi_2$ layers 92728
Tavares, M.C. *see* Costa, M.H. 101367
Tavares, P.F. A semi-analytical approach to the design of low energy cylindrically symmetric transport lines 89886
Tavares, S.E. *see* Youssef, A.M. 66212
Tavasiev, A.F. *see* D'yakonov, M.V. 88705
Tavella, P. *see* Bobbio, A. 109974
Tavender, B. *see* Buckberry, C.H. 82787
Tavergnier, J.P. *see* Verhaege, T. 81171
Tavik, G.C. *see* Rademacher, P.E. 109720
Tavkhelidze, A.N. *see* Kuzmin, L.S. 63815
Tavlet, M. *see* Berland, V. 110509
Tavlet, M. *see* Zeneli, D. 111000
Tavlykaev, R. *see* Samson, S. 116107
Tavlykaev, R.F. *see* Maring, D.B. 95793
Tavrin, Y. *see* Zhang, Y. 64553
Tavrov, A., Masselink, R., Schreier, H.H., Vicker, M.G. Measurement of the motion and surface topology of the living organisms using computer-aided laser microscopy 110797
Tavy, D.L.J. *see* Keunen, R.W.M. 80204
Tavzarashvili, S.P. *see* Petriashvili, G.Sh. 100089
Tawa, Y. *see* Nakanishi, H. 83717
Tawada, M. *see* Nakanishi, T. 114507
Tawara, S., Goto, T., Mitsui, K. Miniature tilting mechanism using piezoelectric actuators 84723
Tawfik, A. *see* Kanellakis, A. 117326
Tawiah, T. *see* Krikelis, A. 86574
Tawil, R.A., Olhalber, T., Rathbone, B. Experiences and performance of the Harshaw dosimetry system at two major processing centres 110972
Tawil, R.A., Rotunda, J.E., Velbeck, K.J. A system for high precision dosimetry 110973
Tawil, R.A. *see* Duftschmid, K.E. 110984
Tawil, R.A. *see* Perry, O.R. 110985
Taxt, T. Comparison of cepstrum based methods for radial blind deconvolution of ultrasound images 110694
Tay, A.A.O., Ong, S.H., Lim, Y.K. The effect of some geometric and packaging process parameters on die metallization failure 74632
Tay, A.A.O., Tingyu Lin Moisture diffusion and heat transfer in plastic IC packages 72287
Tay, K.W., Horng, J.R., Chung, Y.N. The design of a multi-function frequency counter system 100265
Tay, R. *see* Gorur, R.S. 64111
Tay, R. *see* Yeoh Eng Hong 74840
Tay Boon-Hou *see* Boon-Hou Tay
Tay Hsu Rong *see* Rong Tay Hsu
Tay Teng Tiow, Chua Beng Huat A multi-DSP compute engine for vision applications 98258
Tay Teng-Tiow *see* Teng-Tiow Tay
Tay Tiong-Seng *see* Tiong-Seng Tay
Tay-Jian Liu *see* Yuh-Ming Ferng 121329
Tay-Woei Shyu *see* Chiang Lin 103662
Taya, H. Computation of Z_3-invariants of real quadratic fields 60838
Taya, M. Micromechanics modeling of electronic composites 113541
Taya, M., Bashaw, M.C., Fejer, M.M. Photorefractive effects in periodically poled ferroelectrics 75395
Taya, M., Bashaw, M.C., Fejer, M.M., Segev, M., Valley, G.C. Y junctions arising from dark-soliton propagation in photovoltaic media 95796
Taya, T., Suekane, T., Okuno, Y., Kabashima, S. Feasibility of radio frequency pre-ionization in a nonequilibrium disk MHD generator 91760
Tayama, K. *see* Kishi, N. 95692
Tayebati, P., Trivedi, D., Tabat, M. Pulsed laser deposition of SBN:75 thin films with electro-optic coefficient of 844 pm/V 95274
Tayebati, P. *see* Trivedi, D. 75016
Taylor, A., Oates, T. Technology as knowledge–towards a new perspective on knowledge management in electronics 72238
Taylor, A.G. *see* Joyce, B.A. 103922
Taylor, A.G. *see* Zhang, J. 61290
Taylor, A.G. *see* Zhang, J. 103864
Taylor, A.J. *see* Clement, T.S. 62280
Taylor, A.J. *see* Ring, W.S. 85476
Taylor, A.J. *see* Rodriguez, G. 95946
Taylor, A.M.K.P. *see* Hardalupas, Y. 89568
Taylor, B. *see* Lo, C.C. 89686
Taylor, B.G. *see* Peacock, A. 99994
Taylor, B.N. Guide for the use of the international system of units (SI) 79210
Taylor, C. *see* Caspi, S. 96559
Taylor, C.D. *see* Donohoe, J.P. 107770
Taylor, C.E., Caspi, S. A 6.3 T bend magnet for the Advanced Light Source 90055
Taylor, C.J., Debevec, P.E., Malik, J. Reconstructing polyhedral models of architectural scenes from photographs 67319
Taylor, C.J. *see* Cootes, T.E. 67302
Taylor, C.J. *see* Cootes, T.F. 108408
Taylor, C.J. *see* Cootes, T.F. 108413
Taylor, C.J. *see* Cootes, T.F. 117897
Taylor, C.J. *see* Edwards, G.J. 117905
Taylor, C.J. *see* Hill, A. 108415
Taylor, C.J. *see* Solloway, S. 70028
Taylor, C.L. *see* Brown, H.K. 62489
Taylor, C.T., Notcutt, M., Wong, E.K., Mann, A.G., Blair, D.B. Measurement of the coefficient of thermal expansion of a cryogenic, all-sapphire, Fabry-Perot optical cavity 119882
Taylor, C.W. *see* Smith, J.R. 70719
Taylor, D. Object-linking and embedding what is OPC about? 98748
Taylor, D. *see* Anderson, R. 102301
Taylor, D. *see* Fenn, S.T.J. 93309
Taylor, D.A. *see* Andrews, T.A. 102577
Taylor, D.C., Durie, M.J. Wind farm visualisation 102593
Taylor, D.G. *see* Al-Numay, M. 121638
Taylor, D.G. *see* Rehman, S.-U. 71275
Taylor, D.G. *see* Rehman, S.-U. 121446
Taylor, D.J. *see* Chu, P.Y. 64167
Taylor, D.P. *see* Dam, W.C. 66243
Taylor, D.P. *see* Hart, B. 88213
Taylor, D.P. *see* van Nobelen 76815
Taylor, D.P. *see* Vitetta, G.M. 76759
Taylor, D.P. *see* Vitetta, G.M. 76932
Taylor, D.P. *see* Vitetta, G.M. 77012
Taylor, D.S. Design of continuously variable slope delta modulation communications 93504
Taylor, D.V. *see* Kholkin, A.L. 64072
Taylor, D.V. *see* Kholkin, A.L. 64089
Taylor, F. *see* Mellott, J.D. 114008
Taylor, F. *see* Wallace, T. 66824
Taylor, F.J., Mellott, J.D. SPECtra: a signal processing engineering curriculum 60447
Taylor, F.W. *see* Lambert, A. 120778
Taylor, G. *see* Feyten, C. 92052
Taylor, G. *see* Mours, B. 120196
Taylor, G.E. *see* Machado da Silva, J. 93613
Taylor, H.A. Information management–delivering benefits 72197
Taylor, H.F. *see* Kao, T.W. 69200
Taylor, H.F. *see* Marx, J.M. 85064
Taylor, H.F. *see* Neurgaonkar, R.R. 116087
Taylor, H.S. *see* Ravuri, T.R. 84497
Taylor, J., Handen, L. Managing the store [data warehousing] 87622
Taylor, J. *see* Carpio, R.A. 84201

Taylor, J. *see* Recce, M. 108595
Taylor, J. *see* Shafeeu, H. 104681
Taylor, J. *see* Telfeyan, R. 60574
Taylor, J.A. *see* Cheng, L.P. 70912
Taylor, J.A. *see* Yang, T.S. 105820
Taylor, J.E. *see* Rowlands, J.A. 80295
Taylor, J.G. *see* Beiu, V. 62129
Taylor, J.M. *see* Nava, P.A. 117286
Taylor, J.P., English, S.J. The retrieval of cloud radiative and microphysical properties using combined near-infrared and microwave radiometry 101563
Taylor, J.R. *see* Boskovic, A. 75448
Taylor, J.R. *see* Boskovic, A. 119239
Taylor, J.R. *see* Chang, D.I. 107149
Taylor, J.R. *see* Chemikov, S.V. 116116
Taylor, J.R. *see* Chernikov, S.V. 68364
Taylor, J.R. *see* Chernikov, S.V. 85013
Taylor, J.R. *see* Chernikov, S.V. 106779
Taylor, J.R. *see* Chernikov, S.V. 116060
Taylor, J.R. *see* Gunning, P. 65342
Taylor, J.R. *see* Gunning, P. 78710
Taylor, J.R. *see* Guy, M.J. 78654
Taylor, J.R. *see* Guy, M.J. 78708
Taylor, J.R. *see* Persephonis, P. 96140
Taylor, J.R. *see* Sutherland, J.M. 75895
Taylor, K. Recycled rewards [telecommunication equipment] 77893
Taylor, K. Remote access servers: no mess, no stress 98686
Taylor, K.J.W. *see* Holland, C.K. 90472
Taylor, K.M., Anderson, B.L. Misalignment losses in fiber optic joints due to angular misalignment for arbitrary energy distribution 85008
Taylor, L.S. Measurement of tissue permittivities using a microwave "pencil" probe 120323
Taylor, L.S. *see* Mo-Yuen Chow 91157
Taylor, M. Building an architecture for multiservice networks 98766
Taylor, M. *see* Elgaid, K. 104858
Taylor, M. *see* Mazharsolook, E. 82280
Taylor, M.E., He, A.G., Atwater, H.A., Polman, A. Solid phase epitaxy of diamond cubic Sn_xGe_{1-x} alloys 113361
Taylor, M.G. *see* Van Der Gracht, J. 99889
Taylor, N. *see* Hendriksen, M. 103428
Taylor, N. *see* McHugh, R. 68713
Taylor, N. *see* McHugh, R. 88720
Taylor, N.H. *see* Simeonidou, D. 78682
Taylor, N.P. *see* Sherwood, D.V. 81216
Taylor, P., Todd-Pokropek, A., Fox, J., Dicks-Mireaux, C. Image processing for decision support 101249
Taylor, P.A. *see* McClear, M.T. 92354
Taylor, P.C. *see* Wang, S.L. 94674
Taylor, P.C. *see* Wang, S.L. 112374
Taylor, P.G. *see* Coleman, J.L. 103559
Taylor, P.L., Woodbury, R.G. Field emission from atomically sharp silicon tips 83756
Taylor, P.M., Swift, K.G., Creed, A.J., Griesser, M.T. A dynamically configurable surface based on shape-memory alloy (SMA) wires for virtual reality applications 82786
Taylor, R. *see* Knott, P. 72166
Taylor, R.A., Adams, R.A., Ryan, J.F., Park, R.M. Exciton recombination dynamics in ZnCdSe/ZnSe quantum wells 74381
Taylor, R.A. *see* Stevens, C.J. 74397
Taylor, R.D. How to communicate via radio modems 78263
Taylor, R.F. Advances in biosensor technology 100156
Taylor, R.H. *see* Funda, J. 80410
Taylor, R.H. *see* Joskowicz, L. 90548
Taylor, R.M. Information system model applications to global mobile personal communication systems 88399
Taylor, R.M., Probert, P.J. Range finding and feature extraction by segmentation of images for mobile robot navigation 77526
Taylor, R.P. *see* Sachrajda, A.S. 62935
Taylor, R.S., Leopold, K.E. Surface corona discharge excited rare gas halide lamps 81995
Taylor, R.S. *see* Hofmann, Th. 107057
Taylor, S. *see* Kivi, M.J. 84381
Taylor, S. *see* Kivi, M.J. 105983
Taylor, S. *see* Samanta Roy, R.I. 120644
Taylor, S. *see* Xiao-Jie Yuan 63663
Taylor, S. *see* Zhao, S.P. 74729
Taylor, S.C. *see* Biddlecombe, C.S. 93974
Taylor, S.C. *see* Parker, C.F. 71251
Taylor, S.J. *see* Yamaguchi, M. 81883
Taylor, S.J. *see* Yamaguchi, M. 102979
Taylor, S.J. *see* Yamaguchi, M. 121888
Taylor, T. Single-chip microprocessors for ASIC-Design 73445
Taylor, T. *see* Scandale, W. 89825
Taylor, T. *see* Wienands, U. 79958
Taylor, T.R. *see* Tong, Y.P. 65132
Taylor, V., Faulkner, M. Line monitoring and fault location using spread spectrum on power line carrier 121259
Taylor, V.E. *see* Hribar, M.R. 61114
Taylor, V.E. *see* Fortes, J. *(editor)* 103313
Taylor, W.J. *see* Orlowski, M. 74820
Taylor, W.L., Hendley, G.D. New oil stop contains high pressure of PILC cables 121171
Tayner, S.G. *see* Altintas, A. 88799
Tayrani, R. *see* Mader, T. 99198
Tayuan Huang *see* Deza, M. 103663
Tazaki, S., Tsuzuki, S., Yamada, Y. FM family code 76767
Tazaki, S. *see* Takahashi, K. 110588
Tazaki, S. *see* Tsuzuki, S. 78334
Tazawa, I., Koakutsu, S., Hirata, H. An immunity based genetic algorithm and its application to the VLSI floorplan design problem 95160
Tazebay, M.V., Akansu, A.N. A comparative performance study of excisers in spread spectrum communications 78361
Taziev, R.M. *see* Kozlov, A.S. 106453
Taziev, R.M. *see* Yakovkin, I.B. 106452
Tazlauanu, M. *see* Sundararaman, C.S. 104842
Tazlavan, V.E. *see* Matveev, A.V. 62777
Tazoe, M. *see* Minamikawa, T. 104127
Tazoh, Y., Miyazawa, S. Epitaxial nature of new insulating material $BaSnO_3$ for $YBa_2Cu_3O_x$-SIS junctions 113306
Tazume, K., Aoki, T., Kuwata, Y., Nozaki, Y. Using a neural network to obtain an output voltage control method in an interconnection inverter 121654
Tazzari, S. *see* Bulfone, D. 76053
Tazzari, S. *see* Walker, R.P. 96521
Tazzioli, F. *see* Bulfone, D. 76053
Tazzioli, F. *see* Ferrario, M. 89977
Tazzioli, F. *see* Walker, R.P. 96521
Tbiriet, J. *see* Riviere, J.-M. 88921
Tcan Ky Phuc Analysis of electric field distribution in high-voltage solid insulation with gas inclusions 64098
Tchah Kyun Hyon *see* Kyun Hyon Tchah
Tchamov, N., Popov, A., Jarske, P. VCO with double cross-coupled high-speed and low-power multivibrator architecture 104400
Tchamov, N.T., Jarske, P. New high-performance voltage-controlled LC-oscillator 93889
Tcheir, N., Grant, D.M., Flynn, F.P. SCR-fed asynchronous motor drives regeneration phenomenon 103114
Tchelnokov, A.V., Lourtioz, J.M., Gavrilovic, P. Spatial dynamics and spectral optical emission of semiconductor lasers/amplifiers at large aperture 76014
Tchernenko, V.G. *see* Gan, M.A. 116119
Tcherniatin, V. *see* Akesson, T. 69833
Tchernyi, V.V., Zhuravlev, G.A., Gvozdev, V.I., Kuzaev, G.A., Podkovyrin, S.I., Nazarov, I.N. Discrete optical multistability in the system of coupled nonlinear waveguide resonators 65480
Tchernyshev, V. *see* Calen, H. 120194
Tchernyshev, V. *see* Kacharava, A. 100812
Tchetverenko, S.A. *see* Starovoitov, V.V. 108636
Tchikilev, O. *see* Ajinenko, I. 90197
Tchilatilov, D., Yang, Y.F., Yang, E.S. Improvement of SiGe oxide grown by electron cyclotron resonance using H_2O vapor annealing 114859
Tchitaladze, G. *see* Pivnyak, G. 103103
Tchmutin, I.A. *see* Ponomarenko, A.T. 104201
Tchouangue, G. *see* Fatemizadeh, B. 61601
Tchoumatchenko, V., Vassileva, T., Gurov, P. A FPGA based square-root coprocessor 104534
te Brake, G.M. *see* Karssemeijer, N. 120293
Te Kolste, R.D., Welch, W.H. Injection molding of binary optical elements 72268
Te Kolste, R.D. *see* Feldman, M.R. 76292
te Nijenhuis, J. *see* Bongers, M.M.G. 72818
te Riele, H.J.J. *see* Brent, R.P. 103654
Te Sun Han *see* Kato, A. 66385
Te Sun Han *see* Kato, A. 66410
Te Won Lee *see* Motamed, M. 114016
Te-Hwei Suen, Rong-Ren Lee, Jow-Tsong Shy, Ging-Ho Hsiue, Wen-Jang Kuo, Chang-Jyh Hsieh, Ru-Jong Jeng Nonlinear optically active liquid crystalline polymers and their copolymers based on tolane chromophores 85651
Te-Hwei Suen *see* Ging-Ho Hsiue 85646
Te-Jen Su *see* Chuen-Yau Chen 115200
Te-Kai Liu *see* Polydoros, A. 88380
Te-Kao Wu *see* Hickey, G.S. 76605
Te-Ming Tu *see* Chin-Hsing Chen 77416
Te-Shen Liang, Rodriguez, J.J. MR cranial image segmentation–a morphological and clustering approach 80343
Te-Shing Chen *see* Kang-Ping Lin 90449
Te-Shun Wang *see* Chang-Fa Yang 107932
Te-Son Kuo *see* Gwo-Ching Chang 120434
Teaca, R. *see* Itoafa, M. 101795
Teagle, A. *see* Koshigoe, S. 70308
Teague, C. *see* Latman, N.S. 69930
Teague, E.C. 1/N Feynman machines as a path to ultraminiaturization? 74905
Teague, S. *see* Meigooni, A.S. 80456
Teahan, W.J., Cleary, J.G. The entropy of English using PPM-based models 86141
Teak Hwang Yun *see* Yun Teak Hwang
Teak Lee Byung *see* Byung Teak Lee
Teak Ryu Geun *see* Geun Teak Ryu
Teale, P., Goldstein, L., Reite, M., Sheeder, J., Richardson, D., Edrich, J., Zimmerman, J.E. Reproducibility of MEG auditory evoked field source localizations in normal human subjects using a seven-channel gradiometer 101299
Teany, L.D. *see* Srivastava, S.K. 120726
Teare, S.W., Shanes, F.C., Hersey, M.W. Assessing low power reactivity levels in subcritical CANDU reactors 102398
Tearney, G.J., Boppart, S.A., Bouma, B., Brezinski, M.E., Golubovic, B., Southern, J.F., Swanson, E.A., Fujimoto, J.G. Single mode fiber-optic catheter/endoscope for optical coherence tomography 120407
Tearney, G.J. *see* Sadhwani, A. 120330
Teasdale, W.A. *see* Elliott, S.R. 80104
Tebaldi, M. *see* Agra Amorim, A. 115986
Tebaldi, M. *see* Amorim, A.A. 117835
Tebaldi, M.C. *see* del Carmen Lasprilla A, M. 77504
Tecchio, L. *see* Burov, V. 79827
Tecchiolli, G. *see* Battati, R. 82447
Teck Chew Siou *see* Siou Teck Chew
Teck Chin Wong *see* Wong Teck Chin
Teck-Seng Low *see* Sheng-Bin Hu 115784
Tecker, F. *see* Assmann, R. 79970
Tecuci, G., Hieb, M.R., Dybala, T. Teaching an automated agent to monitor the electrical power system of an orbital satellite 90679
Tedder, L.L., Rubloff, G.W. Real time equipment, process and wafer state sensing of polySi RTCVD from SiH_4 using mass spectrometry 61418
Tedenac, J.C. *see* Tomasini, P. 113338
Tedesco, M. *see* Grattarola, M. 90609
Tedesco, S. *see* Benistant, F. 84408
Tedesco, S. *see* Deleonibus, S. 63292
Tedjini, S. *see* Ann Ho Quoc 69466
Tedjini, S. *see* Ho-Quoc, A. 85019
Tedstone, S.F. *see* Tattam, C. 84838
Tee, C.E. *see* Qin, S. 61498
Tee, C.E. *see* Qin, S. 92993
Tee, E.R. *see* Ang, M. 118467
Tee Keh-Ming *see* Keh-Ming Tee
Tee Lim Yew *see* Lim Yew Tee
Tee Loh Wee *see* Wee Tee Loh
Teegarden, K. *see* Krol, M.F. 116408
Teegarden, K.J., Erdmann, R., Krol, M. Electrically controlled mode locking of a linear cavity fiber laser 116409
Teemets, R. *see* Laugis, J. 91827
Teeter, D. *see* Cardullo, M. 83448
Teeter, D. *see* Cardullo, M. 83471
Teeter, R.S., Jr. *see* Graham, A.H. 69563
Teets, D. A model for radial yield degradation as a function of chip size 95188
Tegeler, E. *see* Lau-Frambs, A. 89083
Tegenfeldt, I.O. *see* Ling, T.G.I. 69334
Teggatz, R., Cao, T., Knight, J., Schmidt, T. A cost-effective power control design using a dual-chip solution 91617
Tegopoulos, J.A. *see* Kladas, A.G. 76344
Tegopoulos, J.A. *see* Kladas, A.G. 103138
Tegopoulos, J.A. *see* Kladas, A.G. 112148
Tegopoulos, J.A. *see* Konidaris, D.N. 111819
Tegopoulos, J.A. *see* Xuhui Wen 71287
Tegoshi, Y., Hirota, T., Shine, T., Takeuchi, K. A study on CAD systems by neural network and generate-and-test 61545
Tegude, F.-J. *see* Bertenburg, R.M. 88623
Tegude, F.-J. *see* Daumann, W. 104831
Tegude, F.-J. *see* Daumann, W. 104853
Tegude, F.J. *see* Auer, U. 106083
Tegude, F.J. *see* Bohm, C. 93891
Tegude, F.J. *see* Mihaila, M. 106066
Tegude, F.J. *see* Mihaila, M. 106071
Tegude, F.J. *see* Peters, D. 114270
Tegude, F.J. *see* Renter, R. 104841
Tegude, F.J. *see* Reuter, R. 93795
Tegude, F.J. *see* Seater, R. 104823
Tegude, F.J. *see* Van Waasen, S. 104866
Teh, C.H. *see* Sawkar, S.S. 89437
Teh Beng Ghee *see* Beng Ghee Teh
Tehar-Zahav, O. *see* Genut, M. 105809
Tehrani, J.A. *see* Brown, M.P. 99441
Tehrani, S. *see* Martinez, M.J. 83374
Tehrani, S. *see* Nair, V. 83362
Tehrani, S. *see* Pohm, A.V. 75253
Tehrani, S. *see* Pohm, A.V. 115875
Tehrani, S. *see* Shen, J. 61799
Tei, T. *see* Tanizawa, M. 99446
Teich, M.C., Turcott, R.G., Siegel, R.M. Temporal correlation in cat striate-cortex neural spike trains 120412
Teich, M.C. *see* Heneghan, C. 77443
Teichert, C., Lagally, M.G., Peticolas, L.J., Bean, J.C., Tersoff, J. Stress-induced self-organization of nanoscale structures in SiGe/Si multilayer films 82658
Teichert, J., Bischoff, L., Hesse, E., Schneider, P., Panknin, D., Gessner, T., Lobner, B., Zichner, N. Cobalt disilicide interconnects for micromechanical devices 74930
Teichert, J. *see* Bischoff, L. 94701
Teichert, J. *see* Schneider, P. 105824
Teichert, M. *see* Haubrich, H.-J. 121806
Teichgraber, U. *see* Dilge, R. 73099
Teichmann, J. *see* Jakob, G. 107112
Teijido, J.M. *see* Blattner, P. 88605
Teillet, J. *see* Richomme, F. 95360
Teirlinck, C.J.P.M. *see* Hekkenberg, R.T. 101089
Teissier, R. *see* Cockburn, J.W. 74395
Teissier, R. *see* Matine, N. 93852
Teissier, R.J., Cockburn, J.W., Buckle, P.D., Skolnick, M.S., Finley, J.J., Grey, R., Hill, G., Pate, M.A. Quantitive determination of the sequential component of the tunneling current in double barrier structures by ballistic electron luminescence spectroscopy 62854
Teissier, R.J. *see* Finley, J.J. 105254
Teissier, R.J. *see* Finley, J.J. 105281
Teitelbaum, K. *see* McMahon, J.S. 76947

Teive, R.C.G., Fonseca, L.G.S. A hybrid system based on knowledge applied to the electrical power networks expansion planning 102015
Teiwes, S. *see* Aagedal, H. 85571
Teixeira, A.L.J., Agrawal, G.P., da Rocha, J.R.F. Increasing the transmission distance of soliton communication systems by selective frequency shifts 119156
Teixeira, B. INTELSAT-K transponder in-orbit tests and operational considerations 99442
Teixeira, E.P. *see* de Azevedo, H.R. 70692
Teixeira, F.L., Bergmann, J.A. Application of band-limited functions to the analysis of axially symmetric reflectors 97289
Teixeira, J.P. *see* Celeiro, F. 115291
Teixeira, J.P. *see* De Sousa, J.T. 115307
Teixeira, M., Rodriguez, D. A novel derivation of the Agarwal-Cooley fast cyclic convolution algorithm based on the Good-Thomas Prime Factor algorithm 77061
Teixeira, S.R. *see* Mattoso, N. 63130
Teixeira-Borges, T. *see* De Azevedo, H.R. 121448
Tejada, J. *see* Sole, R. 64339
Tejada, J. *see* Zhang, X.X. 75162
Tejedor, C. *see* Martin-Moreno, L. 62953
Tejima, A. *see* Imamura, K. 60591
Tejima, M. *see* Funakoshi, Y. 100558
Tejima, M. *see* Hinode, F. 100582
Tejima, M. *see* Kikuchi, M. 79980
Tejima, M. *see* Satoh, K. 100543
Tejima, S., Tsuji, A., Tashiro, H., Nishino, M. IP network over the VSAT (Very Small Aperture Terminal) system 118388
Tejnil, E. *see* Medecki, H. 119923
Tekalp, A.M. *see* Altunbasak, Y. 86316
Tekalp, A.M. *see* Altunbasak, Y. 86491
Tekalp, A.M. *see* Borshukov, G.D. 66991
Tekalp, A.M. *see* Saber, E. 66996
Tekasakul, P., Bentz, J.A., Tompson, R.V., Loyalka, S.K. The spinning rotor gauge: measurements of viscosity, velocity slip coefficients, and tangential momentum accommodation coefficients 114492
Tekeuchi, H. *see* Nakamoto, E. 107824
Tekinay, S. Mobility modeling and management in cellular networks 109134
Tekinay, S. *see* Jaimes-Romero, F.J. 109521
Tekinay, S. *see* Vudali, M. 88161
Tekletsadik, Campbell, L.C. SF_6 breakdown in GIS 112162
Tekmen, Y. *see* Banerjia, S. 60656
Tekshev, V.B. *see* Pligin, S.G. 73759
Tekumalla, R., Menon, P.R. Identifying redundant path delay faults in sequential circuits 93345
Tel-Zur, G. *see* Faschingbauer, U. 110557
Telang, V.P. *see* Kapoor, S. 78860
Telegin, Y. *see* Bulyak, E. 80149
Telek, M., Pfening, A. Performance analysis of Markov regenerative reward models 113080
Telek, M. *see* Begain, K. 92347
Telep, M.S. *see* Dunn, D.S. 66106
Telfer, B. *see* Szu, H. 76961
Telfer, B. *see* Szu, H. 87165
Telfeyan, R., Moyne, J., Hurwitz, A., Taylor, J. Demonstration of a process-independent run-to-run controller 60574
Telgenhoff, M. *see* Grubauer, W. 81337
Telichevesky, R., Kundert, K., Elfadel, I., White, J. Fast simulation algorithms for RF circuits 113664
Telichevesky, R., Kundert, K., White, J. Efficient AC and noise analysis of two-tone RF circuits 82854
Telichevesky, R., Kundert, K., White, J. Receiver characterization using periodic small-signal analysis 113712
Telie, H.H. *see* Acosta Ortiz, S.E. 116333
Tell, B.R., Laur, H. Phase preservation in SAR processing: the interferometric offset test 111123
Tell, S.G. *see* Singh, R.K. 98777
Tellado, J., Khayata, E., Cioffi, J.M. Equalizing GMSK for high data rate wireless LANs 87836
Telle, H.H. *see* Collier, J.L. 110044
Telle, H.R., Koch, C. Gain saturation of laser diodes and its spectroscopic applications 96271
Telle, H.R. *see* Koch, C. 96700
Telle, J.A. *see* Honzinger, M.R. 118101
Tellez, J.R., Clarke, R.W. Heating due to bias in GaAs MESFETs 115238
Tellez, J.R., Mezher, K.A. Effect of scalability on nonlinear MESFET model accuracy 74758
Tellez, J.R., Stothard, B.P., Al-Daas, M. Static, pulsed and frequency-dependent current/voltage characteristics of GaAs FETs 74763
Tellez, J.Rodriguez *see* Rodriguez Tellez, J.
Tellez-Giron, L. The need for a mobile satellite terminal design in developing countries: Mexico's experience with Solidaridad 88433
Telliez, I., Chaumas, P., Marcillaud, S.S., Watrin, E. High efficiency C-band monolithic power amplifiers 62343
Telliez, I. *see* Guttich, U. 88235
Tellini, A. *see* Esposito, N. 65693
Tellini, B. *see* Clerici, A. 80998
Tellmann, N. *see* Klein, N. 93699
Telser, E. *see* Hara, M. 81921
Temchin, S.M. *see* Ratnov, A.G. 61398
Temelkuran, B., Ozbay, E. Resonant cavity-enhanced detectors embedded in photonic crystals 110091
Temes, G. *see* Grilo, J. 73484
Temes, G.C. *see* Cauwenberghs, G. 114020
Temes, G.C. *see* Yunteng Huang 104296
Temes, G.C. *see* Yunteng Huang 104745
Temin, P., Weber, J.H. Introducing competition into local exchange markets 108896
Temino, R. *see* Tanaka, S. 83532
Temirbekov, K.N. *see* Bimurzaev, S.B. 107795
Temirov, A.M. *see* Ol'khovskii, G.G. 102466
Temiryazev, A.G. *see* Gulyaev, Yu.V. 101611
Temkin, H., Jayasumana, A.P., Sauer, J.R. Wavelength tolerant WDM networks 68429
Temkin, H. *see* Asif Khan, M. 116539
Temkin, H. *see* Chernyak, L. 114635
Temkin, H. *see* Cotta, M.A. 82618
Temkin, H. *see* Kuksenkov, D.V. 65265
Temkin, H. *see* Kuksenkov, D.V. 85525
Temkin, H. *see* Kuksenkov, D.V. 96334
Temkin, H. *see* Qiu, Y. 72758
Temkin, H. *see* Sun, C.J. 94321
Temkin, H. *see* Thiagarajan, P. 75921
Temkin, H. *see* Yang, J.W. 85307
Temkin, R. *see* Levush, B. 62582
Temkin, R.J. *see* Advani, R.N. 105000
Temkin, R.J. *see* Blank, M. 105026
Temkin, R.J. *see* Chen, S.C. 90077
Temkin, R.J. *see* Denison, D.R. 105034
Temkin, R.J. *see* Felch, K. 105035
Temkin, R.J. *see* Hu, W. 62638
Temkin, R.J. *see* Hu, W. 114534
Temkin, R.J. *see* Kimura, T. 114527
Temkin, R.J. *see* Menninger, W.L. 105064
Temkin, R.J. *see* Shapiro, M.A. 114533
Temkin, R.J. *see* Trotz, S. 114506
Temmar, A., Praseuth, J.P., Palmier, J.F., Scavennec, A. Metal-semiconductor-metal (MSM) photodiode on InP substrate 106963
Temme, D.H. *see* Dionne, G.F. 93698
Temme, N.M. *see* Chaudhry, M.A. 61083
Temmel, G. *see* Paneva, R. 90863
Temmel-Ropelewski, T. *see* Bouclier, R. 80043
Temmerman, W., De Bondt, R., Ackaert, A., Allaert, K., Forrest, M. MCM introduction scenarios for B-ISDN 118685
Temmler, D. *see* Ehwald, K.-E. 82665
Temmyo, J., Sugo, M., Nishiya, T., Tamamura, T., Yamada, M., Sudo, S., Yamamoto, F., Bilodeau, F., Hill, K.O. Low noise characteristics of an AM-VSB video signal transmission using a PDFA pumped by InGaAs semiconductor lasers through fibre Bragg gratings 119443
Temmyo, J. *see* Notzel, R. 61296
Temneanu, M. *see* Ciobanu, R. 71614
Temnykh, A., Sagan, D., Welch, J., Rice, D. Tune plane scanning at CESR 120018
Temnykh, A.B., Welch, J.J. Coherency of the long range beam-beam interaction in CESR 100633
Tempel, D. *see* Constantinof, C. 118299
Tempel, R. A coplanar line technique used with transistor switches for MMIC applications 73783
Tempel, R., Lutke, W., Herrmann, J., Wolff, I. MMICs for sensor applications 83457
Tempel, R., Lutke, W., Herrmann, J., Wolff, I. MMICs for sensor applications 83485
Tempel, R. *see* David, G. 62360
Tempel, R. *see* David, G. 93892
Tempel, R. *see* David, G. 104862
Tempel, R. *see* Kalayci, Y. 62331
Temple, D., Gray, H.F., Ball, C.A., Mancusi, J.E., Palmer, W.D., McGuire, G.E., Shaw, J.L. Fabrication and electrical performance of high aspect ratio gated silicon field emission arrays 74001
Temple, D. *see* Auciello, O. 73949
Temple, D. *see* Auciello, O. 74015
Temple, D. *see* Cha-Mei Tang 73995
Temple, D. *see* Gray, H.F. 73985
Temple, D. *see* Palmer, D. 62571
Temple, D. *see* Palmer, D. 105051
Temple, D. *see* Yadon, L.N. 74016
Temple, J.A. *see* Lewis, P.A. 111396
Temple, V.A.K. *see* Hossain, Z. 113724
Temple, W. *see* Smith, W.H. 100974
Temple Dennett, J. Australia uses genre analysis to address workplace literacy 103319
Templeton, A. *see* Maxwell, J. 84503
Templeton, A. *see* Skakle, J.M.S. 75316
Templeton, J.G.C. *see* Chaudhry, M.L. 60796
Templeton, T.I., Arrott, A.S. Rotational hysteresis and self-organized criticality in magnetic recording media 64433
Templeton, T.L. *see* Arrott, A.S. 106596
Templeton, T.L. *see* Arrott, A.S. 115833
Templier, R. *see* Simondi-Teisseire, B. 116453
Templier, R. *see* Thony, P. 107169
Templin, P., Alakula, M., Gertmar, L. Dynamic thermal loading of inverter-fed induction machine 91535
Temullo, L., Jr *see* Covino, J. 73355
Temynkh, A. *see* Rubin, D. 120019
Ten, S., Krol, M.F., Khitrova, G., Peyghambarian, N. Subpicosecond hole tunneling and application to 1.3 μm modulators 64794
ten Brinke, G. *see* Malliaras, G.G. 95631
Ten Eyck, R.P. *see* Hoffmeister, J.W. 70021
ten Haken, B., Godeke, A., ten Kate, H.H.J., Specking, W. The critical current of Nb_3Sn wires for ITER as a function of the axial tension and compression 95557
Ten Haken, R.K. *see* Lam, K.L. 90591
Ten Haken, R.K. *see* Muthuswamy, M.S. 80464
ten Have, A. *see* Bergmann, J. 82972
ten Kate, H.H.J. *see* Bruzzone, P. 95559
ten Kate, H.H.J. *see* Nijhuis, A. 95558
ten Kate, H.H.J. *see* Shevchenko, O.A. 95538
ten Kate, H.H.J. *see* Smith, B.A. 102172
ten Kate, H.H.J. *see* ten Haken, B. 95557
ten Kate, T. *see* den Hartog, J. 67488
Ten Pas, H. New sockets for microprocessors: from the Ball Grid Array to the Land Grid Array 112894
Ten Pierick, H. *see* Wiegerink, R. 68847
Tenani, P. *see* Stola, L. 118756
Tenant, P. *see* Rousseau, J.J. 115587
Tenbohlen, S. Discharge development over insulator surfaces in SF_6 influenced by a needle protrusion 81125
Tenbrink, S. *see* Hall, E. 77943
Tenbroek, B.M., Redman-White, W., Lee, M.S.L., Uren, M.J. Electrical measurement of silicon film and oxide thicknesses in partially depleted SOI technologies 74483
Tenbroek, B.M., Redman-White, W., Lee, M.S.L., Uren, M.J. Experimental validation of simple electro-thermal circuit models for SOI MOSFETs by direct DC-UHF measurement of drain admittance 83543
Tenbusch, F. *see* Braunschweig, W. 69836
Tenbusch, F. *see* Braunschweig, W. 120140
Tenbusch, F. *see* Karpinski, W. 106068
Tenbusch, F. *see* Karpinski, W. 115240
Tench, B. *see* Sheehan, L. 85554
Tench, D.M., Jambazian, P., Anderson, D. Solderability assessment of circuit boards and lead finishes 94064
Tench, R.J. *see* Stolz, C.J. 106923
Tenconi, S. *see* Benfatto, I. 112060
Tenconi, S.M., Carpita, M., Bacigalupo, C., Cali, R. Multilevel voltage source converters for medium voltage adjustable speed drives 71772
Tendeloo, G.van *see* van Tendeloo, G.
Teneketzis, D. *see* Pandelis, D.G. 103562
Tenenbaum, B. The real world of power sector regulation 111510
Tenenbaum, P., Burke, D., Hartman, S., Helm, R., Irwin, J., Iverson, R., Raimondi, P., Spence, W., Bharadwaj, V., Halling, M., Holt, J., Buon, J., Jeanjean, J., Le Diberder, F., Lepeltier, V., Puzo, P., Oide, K., Shintake, T., Yamamoto, N. Beam-based optical tuning of the Final Focus Test Beam 89675
Tenenbaum, P., Burke, D., Helm, R., Irwin, J., Raimondi, P., Oide, K., Flottmann, K. Beam-based magnetic alignment of the Final Focus Test Beam 89910
Tenenbaum, P. *see* Alexandrof, V.A. 100628
Tenenbaum, P. *see* Shintake, T. 100531
Tenenbaum, P. *see* Zimmermann, F. 89664
Tenescu, M., Stancu, O. Determination of the critical flowrate of a fluid in two-phase flow friction [in power plants] 102338
Tenev, T. *see* Panajotov, K. 85240
Teng, C.-C. *see* Ma, C.-W. 97863
Teng, C.S. *see* Ji Zhao 63946
Teng, C.S. *see* Zhao, J. 93616
Teng, E., Goh, W., Eltouhky, A. Laser zone texture on alternative substrate disks 115755
Teng, J., Lei-min Li, Obaidat, M.S. A new methodology for frame synchronous system in high speed networks 117991
Teng, L. *see* Norem, J. 79979
Teng, L.C. Paraxial expansion of a static magnetic field in a ring accelerator 89820
Teng, L.C., Crosbie, E.A. Lattice considerations for a tau-charm factory 89900
Teng, P.K. *see* Hwang, C.S. 69455
Teng, P.K. *see* Yu, Z.Q. 69827
Teng, T., Lo, I., Lin, J.C.J. An introduction of the AM/FM pilot systems in Taipower 121107
Teng, X. *see* Klein, G.J. 90447
Teng Chia-Yuan *see* Chia-Yuan Teng
Teng Chih Sieh *see* Chih Sieh Teng
Teng Chih-Chong *see* Chih-Chong Teng
Teng Chin-Chi *see* Chin-Chi Teng
Teng Ching-Cheng *see* Ching-Cheng Teng
Teng Jian *see* Jian Teng
Teng Jun *see* Jun Teng
Teng Pingkun *see* Yu Zhongqiang 120207
Teng Tiow Tay *see* Tay Teng Tiow
Teng Xiaoyu A new generation of software for power station/plant computer monitoring system 91253
Teng-Sheng Moh, Tsu-Shuan Chang, Hakimi, S.L. Globally optimal floorplanning for a layout problem 106135
Teng-Sheng Moh *see* Martel, C.U. 118068
Teng-Tiow Tay *see* Farhang-Boroujeny, B. 76966
Tengblad, N., Palm, B. External two phase thermosiphons for cooling of electronic components 82273
Tengdin, J.T., Baker, E.E., Burke, J.J., Russell, B.D., Jones, R.H., Wiedman, T.E., Johnson, N.J. Application of high impedance fault detectors: a summary of the panel session held at the 1995 IEEE PES summer meeting 121262
Tengdin, T. *see* Stoker, C.R. 90821
Tenhover, M. *see* He, M.Y. 63448
Tenhunen, H. *see* Oelmann, B. 99200
Tenhunen, H. *see* Svantesson, B. 98407
Tennakoon, S.B. *see* Scheidecker, D. 101765
Tennant, A. *see* Anderson, A.P. 66015
Tennant, A. *see* Contreras, M.A. 103009

Tennant, A. *see* Dawoud, M.M. 66119
Tennant, A.L. *see* Gabor, A.M. 92938
Tennant, A.L. *see* Tuttle, J.R. 112339
Tennant, D.M., Koch, T.L. Fabrication and uniformity issues in $\lambda/4$ shifted DFB laser arrays using e-beam generated contact grating masks 116497
Tennant, D.M. *see* Young, M.G. 68418
Tennant, M.H. *see* Apple, B.A. 70031
Tennant, W. *see* Sankur, H. 95921
Tennant, W.E. *see* Motamedi, M.E. 100116
Tenne, D.A. *see* Gaisler, V.A. 105322
Tennenhouse, D.L., Wetherall, D.J. Towards an active network architecture 98506
Tenner, M.G. A scanning optical microscope integrated in a wafer stepper for image sensing 112988
Tennis, R.F. *see* Light, G.M. 120925
Tenor, J. *see* Biel, D. 121660
Tenorio, A.R.M., Ekanayake, J.B., Jenkins, N. Modelling of FACTS devices 70842
Tenorio, A.R.M., Jenkins, N., Bollen, M.H.J. A TCSC model for electromagnetic transient studies 91100
Tenoux, T., Delisle, G.Y., Fournet, F., Hardange, J.P. Analysis and interpretation of high resolution polarimetric SAR images 68679
Tenti, P. *see* Spiazzi, G. 71497
Tenti, P. *see* Spiazzi, G. 112099
Tentori, D. *see* Garcia-Weidner, A. 107589
Tentori, D. *see* Khomenko, A.V. 76182
Tentori, D. *see* Rangel-Rojo, R. 116401
Tentori, D. *see* Shlyagin, M. 119699
Tentzeris, E., Krumpholz, M., Dib, N., Katehi, L.P.B. A waveguide absorber based on analytic Green's function 107974
Tentzeris, E., Krumpholz, M., Katehi, L.P.B. Application of MRTD to printed transmission lines 85916
Tentzeris, E. *see* Robertson, R. 97248
Tenunen, H. *see* Costa, M. 90231
Tenunen, H. *see* Costa, M. 100982
Tenyakov, I. *see* Batskikh, G. 89811
Teo, B.S. *see* Lu, Y.F. 84826
Teo, C.L. *see* Guo, Y.P. 77371
Teo, C.L. *see* Guo, Y.P. 86812
Teo, C.Y. A new integrated tool for exercises on the design of electrical installations using a microcomputer 91148
Teo, C.Y., Jiang, W., Gooi, H.B. Review of restoration strategies and a realtime knowledge based approach for bulk power system restoration 80940
Teo, C.Y. *see* He, W.X. 80781
Teo, C.Y. *see* Jiang, W. 70764
Teo, H.K. *see* Chan, C.W. 99780
Teo, M.S. *see* Bickford, C. 83606
Teo, P.C., Heeger, D.J. Perceptual image distortion 86979
Teo, P.C. *see* Hel-Or, Y. 86458
Teo, S.G. *see* Yeo, S.P. 73638
Teo, Y.M., Tham, K.Y., Wang, J.L., Er, M.J. A neural-fuzzy system for print quality determination 86696
Teo Chang Yuen *see* Chang Yuen Teo
Teo Kok Lay *see* Kok Lay Teo
Teodorescu, R., Colvin, J., Shotzman, G., Vick, T., Zeigler, J., Liang, G., Crowe, L., Abshire, C., Mann, T., Parakh, Z., Shen, W. 400 MHz/89 mm actively shielded high resolution NMR magnet 95546
Teodorescu, V.S., Mihailescu, I.N., Gyorgy, E., Luches, A., Martino, M., Nistor, L.C., Van Landuyt, J., Hermann, J. The study of a crater forming on the surface of a Ti target submitted to multipulse excimer laser irradiation under low pressure N_2 104110
Teodorescu, V.S. *see* Dinescu, M. 113505
Teodorescu, V.S. *see* Mihailescu, I.N. 82761
Teodorescu, V.S. *see* Mihailescu, I.N. 92821
Teodorovich, S.L. *see* Devyatkov, N.D. 110881
Teoh, E.K. *see* Kaveti, S. 87097
Teoh, E.K. *see* Suganthan, P.N. 67144
Teoh, E.K. *see* Suganthan, P.N. 86822
Teoh, E.K. *see* Suganthan, P.N. 97989
Teoh Eam Khwang *see* Eam Khwang Teoh
Teok Ui Wei *see* Ui Wei Teok
Teong-San Yeoh, Nair, R.S., Shze-Jer Hu MOS transistor gate oxide breakdown stress dependence and their related models 74732
Teong-San Yeoh, Shze-Jer Hu Wafer level sort programming–impact on EPROM memory retention 61876
Teong-San Yeoh, Shze-Jer Hu Reliability assessment of EPROM memory retention for wafer level sort programming 73437
Teong-San Yeoh, Shze-Jer Hu A new oxide breakdown degradation phenomenon in CMOS transistors 74841
Teory, T.J. *see* Khandker, A.M. 118342
Tepavcevic, A. *see* Seselja, B. 113141
Tepe, J. Component assembly process control using automated vision inspection 94054
Tepedelenlioglu, N. *see* Jungsik Lee 108102
Tepes, F. *see* Solomon, L. 96475
Tepichin, E., Suarez-Romero, J.G., Ramirez, G. Polychromatic interconnections: classical approach 116744
Tepikian, S. *see* Hahn, H. 79791
Tepikian, S. *see* Trbojevic, D. 89911
Tepley, N., Bowyer, S., Clifton, Y., Saligram, U. A technique for sequential measurements of DC neuromagnetic fields 110674
Teplyakov, D.I. *see* Arbuzov, Yu.D. 81871
Tepore, A. *see* Cricenti, A. 69371
Tepore, A. *see* Cricenti, A. 104125
Tepore, A. *see* Di Giulio, M. 61430
Tepore, A. *see* Di Giulio, M. 100164
Tepore, A. *see* Micocci, G. 94431
Tepore, A. *see* Micocci, G. 119784
Tepore, A. *see* Rella, R. 62790
Teppati, G. *see* Longo, E. 92604
Tepper, G., Losee, J. A measurement of the electron-hole lifetimes in CdZnTe at 300 and 79 K using a pulsed X-ray microwave technique 94356
Tepper, R. *see* Zimmer, Y. 80205
Tepper, S. *see* Dixon, J. 102843
ter Beek, M. *see* Nunan, P. 63929
ter Brugge, M.H., Krol, R.J., Nijhuis, J.A.G., Spaanenburg, L. Morphological expressions for DTCNN functions 108512
Ter Brugge, M.H. *see* Nijhuis, J.A.G. 66962
ter Haar, G.R. *see* Watkin, N.A. 90569
Ter Haar Romeny, B. *see* Florack, L. 67202
ter Horst, G. *see* Nishiyama, A. 61209
Ter-Chin Chern *see* Yun Long Lay 100359
Ter-Martirosyan, A.L. *see* Chaly, V.P. 96241
Ter-Martirosyan, A.L. *see* Gavrilov, G.A. 75937
Ter-Martirosyan, L.T. *see* Vendik, O.G. 75019
Ter-Martirosyan, L.T. *see* Vendik, O.G. 75020
Ter-Mikirtychev, V.V., Arestova, E.L., Tsuboi, T. Tunable LiF:F_2^- color center laser with an intracavity integrated-optic output coupler 116442
Ter-Mikirtychev, V.V., Tsuboi, T. Stable room-temperature tunable color center lasers and passive Q-switchers 85453
Ter-Ovanesyan, E. *see* Golan, Y. 62903
Ter-Pogossian, M.M. *see* Ficke, D.C. 120370
Terada, H. *see* Ishizaki, F. 77613
Terada, K. Measurement errors in effective channel-length extraction [MOSFETs] 63696
Terada, N., Ishii, H., Tachi, T., Okumura, Y., Kotera, H. An MPEG2-based digital CATV and VOD system using ATM-PON architecture 99773
Terada, N. *see* Matsuyama, T. 92881
Terada, S., Shono, Y. Optical approach for LCD inspection 79604
Terada, S. *see* Kohriki, T. 80039
Terada, S. *see* Unno, Y. 80035
Terada, S. *see* Unno, Y. 100858
Terada, T. *see* Fujita, Y. 64919
Terada, T. *see* Fujita, Y. 92805
Terada, T. *see* Hiwa, N. 91927
Terada, T. *see* Kuwata, M. 90205
Terada, T. *see* Kuwata, M. 100925
Terada, T. *see* Matsuoka, R. 64155
Terada, Y. *see* Kandori, A. 110683
Terada, Y. *see* Nagatsuka, T. 89810
Terada, Y. *see* Nagatsuka, T. 100662
Terae, S. *see* Shiga, T. 110816
Teraguchi, N., Mouri, H., Tomomura, Y., Suzuki, A., Rorison, J., Duggan, G. Optical and electrical properties of new carrier barrier layer structure of II-VI compounds 74374
Teraguchi, N. *see* Ishikawa, H. 83982
Teraguchi, N. *see* Koide, Y. 74461
Terahara, T. *see* Naito, T. 78810
Terai, M., Sato, K., Takahashi, K., Matsuzaki, H. A new approach to global routing for three-metal-layer gate arrays 104461
Terai, M. *see* Shirota, H. 104526
Terai, S. *see* Kato, T. 91190
Terai, S. *see* Kishida, T. 70931
Teraji, T., Hara, S., Okushi, H., Kajimura, K. Ti Ohmic contact without post-annealing process to n-type 6H-SiC 105475
Terakado, S., Suzuki, S. Possibility of microfabrication by synchrotron radiation-excited etching 114977
Terakawa, A., Isomura, M., Tsuda, S. Effect of optical gap on the stability of a-SiGe solar cells 102992
Terakawa, A. *see* Hishikawa, Y. 103018
Terakawa, S. *see* Kuroda, T. 79547
Terakawa, S. *see* Tsukamoto, A. 110214
Terakura, K., Uda, T., Yamasaki, T., Miyazaki, T. Simulations for structural properties and crystal growth on Si(001) surface 82706
Teral, S. Fiber optics in active traffic management systems 99504
Teramatsu, H. *see* Tanaka, N. 68842
Teramoto, A., Kobayashi, K., Matsui, Y., Hirayama, M., Yasuoka, A. Excess currents induced by hot-hole injection and F-N stress in thin SiO_2 films [flash memories] 93391
Teramoto, A., Kobayashi, K., Umeda, H., Matsui, Y., Nakamura, T. Technology for fabricating highly reliable tunnel oxide films 73336
Teramoto, K. *see* Hirai, T. 94966
Teramoto, Y. *see* Inoue, Y. 69828
Teramoto, Y. *see* Ujiie, N. 69853
Teramura, M., Horie, Y., Miyazaki, T., Takeishi, T. Voltage-controlled resistor for linear voltage-controlled oscillator 113794
Teranishi, A. *see* Shinozaki, S. 97119
Teranishi, I. *see* Sawada, K. 69197
Teranishi, N. *see* Konuma, K. 69286
Teranishi, T. *see* Hanai, M. 75012
Teranishi, T. *see* Inoue, T. 81526
Teranishi, T. *see* Toda, K. 81527
Teranishi, Y. *see* Hirota, M. 80670
Terano, A. *see* Ono, H. 83373
Terao, M. *see* Hosaka, S. 75405
Terao, M. *see* Hosaka, S. 84945
Terao, M. *see* Shintani, T. 95663
Terao, N. *see* Pidin, S. 84416
Terao, Y. *see* Shimizu-Iwayama, T. 94265
Terao, Y. *see* Shimizu-Iwayama, T. 94663
Terao, Y. *see* Uesaka, Y. 110798
Teraoka, E. *see* Shiraishi, T. 118693
Teraoka, T. *see* Sato, T. 90785
Teraoka, T. *see* Sato, T. 120801
Teraoka, Y., Nishiyama, I. Si(100) etching by translational energy controlled atomic chlorine beams 63310
Teraoka, Y. *see* Fukumi, T. 76236
Teraoka, Y. *see* Yamada, Y. 80955
Terasaki, H. *see* Morita, S. 122085
Terasaki, H. *see* Sugioto, K. 86878
Terasawa, A. *see* Sugimoto, M. 95523
Terasawa, H. *see* Shinohara, Y. 73486
Terasawa, K. *see* Okada, H. 90146
Terasawa, K. *see* Yano, S. 90318
Terasawa, M. *see* Hirakawa, T. 82247
Terasawa, M. *see* Petukhov, V.P. 100379
Terasawa, T. *see* Imai, A. 94858
Terasawa, T. *see* Maruyama, K. 100989
Terasawa, Y. *see* Yamagata, Y. 81594
Terasawa, Y. *see* Yamagata, Y. 81596
Terashima, A. *see* Kimura, A. 95602
Terashima, A. *see* Naihao Song 89627
Terashima, A. *see* Ogitsu, T. 95594
Terashima, A. *see* Ogitsu, T. 100411
Terashima, A. *see* Yamamoto, A. 89625
Terashima, K., Hashimoto, T., Yoko, T. Nonlinear optical properties of B_2O_3 based glasses: binary Ag_2O-B_2O_3 and ternary AgX-Ag_2O-B_2O_3 (X=Cl, Br and I) glasses 85691
Terashima, K. *see* Togawa, S. 61134
Terashima, K. *see* Togawa, S. 61135
Terashima, K. *see* Togawa, S. 113275
Terashima, K. *see* Yamamoto, H. 79625
Terashima, M., Ashikaga, T., Kataoka, Y., Nakano, Y., Nomura, M., Hara, K. Inertia-lowering control of induction motor 81947
Terashima, M., Shiratani, F., Hashimoto, T., Yamamoto, K. A normalization method of input data that conserves the norm information for competitive learning neural network using inner product 85213
Terashima, M., Shiratani, F., Yamamoto, K. Unsupervised cluster segmentation method using data density histogram on self-organizing feature map 97894
Terashima, M. *see* Ito, S. 111772
Terashima, M. *see* Nomura, M. 100337
Terashima, N. *see* Kishino, F. 109179
Terashima, N. *see* Kobayashi, Y. 98560
Terashima, S. *see* Fuji, H. 116012
Terashima, T. *see* Aihara, Y. 111555
Terashima, T. *see* Watabe, K. 106210
Terashima, T. *see* Yamanouchi, K. 104667
Terashima, Y., Yamazaki, M., Kudo, Y., Yoshino, H., Ando, K., Oshima, S. Fault current limiter using $YBa_2Cu_3O_{7-x}$ superconductive film 91231
Terashima, Y. *see* Tobe, M. 87620
Terashita, N. *see* Ito, A. 102427
Terauchi, A. *see* Akashi, O. 118345
Terauchi, H. *see* Kuhara, Y. 116241
Terauchi, H. *see* Kuhara, Y. 119196
Terauchi, M. *see* Fuse, T. 73250
Terauchi, T. The application of microrobot in test shop for electronic device 103488
Terayama, K. *see* Yamasaki, S. 115989
Terayama, K. *see* Yamazaki, T. 113466
Terayama, T. *see* Yoshida, S. 64400
Terazima, M. *see* Daigo, M. 120105
Terebey, S. *see* Yu Cao 108440
Terekhov, A.S. *see* Pastuszka, S. 114505
Terekhov, V. *see* Kiver, A. 100389
Terekhov, V.I. *see* Biryukov, V.M. 100729
Terekhov, Yu.N. *see* Dmitriev, D.O. 81930
Tereshkin, Y. *see* Batskikh, G. 89811
Terho, H. LCA for telecommunication cables 78331
Terjesen, T. *see* Adamedes, Z. 112231
Terlaky, T. *see* Jansen, B. 103682
Terletsky, A.I. *see* Favaro, M.L. 105185
Terlizzi, V. 3M Medical Imaging showcases 3M DryView Laser Imaging Systems, 3M Image Management System 80381
Terman, D. *see* DeLiang Wang 108616
Terman, L.M. Limits– some are more fundamental than others 83109
Terminello, L.J. *see* Sutherland, D.G.J. 84146
Tero, J.P. *see* Hogervorst, R. 74845
Terrani, S. *see* Campi, F. 120189
Terranova, F. *see* Alvsvaag, S.J. 90124
Terranova, M.L., Rossi, M., Vitali, G. Structural investigation of the titanium/diamond film interface 114801
Terrasi, A. *see* Fanfoni, M. 105441
Terrasi, F. *see* Gialanella, L. 100639
Terrasse, I., Martinaud, J.P. Surface finite element method for the solution of quasi-periodic Maxwell equations 66126
Terre, C. *see* Tjuatja, S. 107857
Terreault, B. *see* Bourque, G. 114557
Terrecuso, P. *see* Vicari, L.R.M. 106879
Terrecuso, P. *see* Vicari, L.R.M. 106879

Terrell, R. *see* Chowdhary, M. 89943
Terrell, T.J., Hong, G., Hall, G. An improved lossless image compression technique using conditional statistics 117622
Terret, C. *see* Diouris, J.F. 68124
Terret, C. *see* Edimo, M. 66146
Terret, C. *see* Gonnet, P. 117049
Terret, C. *see* Marcano, D. 97301
Terret, C. *see* Marulier, O. 117017
Terret, C. *see* Rigoland, P. 76668
Terret, C. *see* Tarot, A.C. 66029
Terret, C. *see* Tarot, A.C. 76563
Terrill, R., Beene, G.L. 3D packaging technology overview and mass memory applications 83662
Terris, B.D. *see* Mamin, H.J. 75406
Terry, C.K., Peterson, J.E., Goswami, D.Y. Feasibility of an iodine gas laser pumped by concentrated terrestrial solar radiation 75803
Terry, F.L., Jr. *see* Benson, T.E. 94750
Terry, F.L., Jr. *see* Elta, M.E. 63389
Terry, I., Penney, T., von Molnar, S., Becla, P. Low temperature magnetoresistance of the persistent photoconductor $Cd_{0.9}Mn_{0.1}Te$:In 74232
Terry, I. *see* Horsfall, A.B. 74234
Terry, J.K., Lovelace, N.D., Terry, W.S. Dynamic simulation in the development of requirements for the LAMPS SH-60R 70394
Terry, R. *see* Nolting, E. 69899
Terry, R.E., Apruzese, J.P. Hollow screw pinch pump sources for Na-Ne X-ray lasers 65010
Terry, W.S. *see* Terry, J.K. 70394
Tersoff, J. Stress-induced roughening in epitaxial growth 113315
Tersoff, J. *see* Johnson, M.D. 62732
Tersoff, J. *see* Teichert, C. 82658
Terstegge, A. *see* Weber, S. 101109
Terstriep, J.A., Menelli, R.J., Kwan, T.T. Experiences with a wide area gigabit network 109032
Tertuliano, H. *see* Jarry, P. 73535
Tertyshnik, A.D. *see* Veryovkin, Y.K. 116336
Terui, H., Shimokozono, M., Yanagisawa, M., Hashimoto, T., Yamada, Y., Horiguchi, M. Hybrid integration of eight channel PD-array on silica-based PLC using micro-mirror fabrication technique 107019
Terui, H. *see* Nakasuga, Y. 116284
Terui, Y. *see* Setoya, T. 112901
Terumichi, Y. *see* Maekawa, T. 74057
Terunuma, N., Nakayama, H., Urakawa, J. Study on the metallic coating of the ceramic chamber for the ATF damping ring kicker magnets 100716
Terunuma, N. *see* Hinode, F. 100582
Terunuma, N. *see* Hisamatsu, H. 100405
Terunuma, Y. *see* Yamada, M. 75867
Teruya, K. *see* Kanazawa, A. 87694
Teruya, M.Y. *see* Cabral, E.F., Jr 93039
Tervonen, A. Glass waveguide WDM devices: design and analysis 95789
Tervonen, A. *see* Ohtsuki, T. 116091
Tervonen, A. *see* Rekonen, H. 114254
Tervonen, J.K. *see* van de Kamp, M.M.J.L. 76416
Tervonen, J.K. *see* van de Kamp, M.M.J.L. 107879
Tervonen, J.K. *see* Wei Zhang 107882
Terwilliger, S. *see* Greenwell, R. 84983
Teryaev, V.E. *see* Dolbilov, G.V. 94192
Teryayev, V.Ye. *see* Belakin, V.Ye. 74063
Terzija, V., Djuric, M. A numerical algorithm for direct real-time estimation of voltage phasor, frequency and its rate of change 90964
Terzija, V. *see* Duric, M. 80935
Terzija, V.V., Djuric, M.B. On the practical experience with two numerical algorithms for frequency estimation 101719
Terzija, V.V., Djuric, M.B., Jeremic, N.Z. A recursive Newton type algorithm for digital frequency relaying 91236
Terzija, V.V., Radojevic, Z.M., Djuric, M.B. A new approach for arcing faults detection and fault distance calculation in spectral domain 121264
Terzija, V.V. *see* Duric, M.B. 81073
Terzija, V.V. *see* Radojevic, Z.M. 121090
Terzini, E. *see* Cocurullo, G. 75553
Terzioglu, E., Beasley, M.R., Zhang, Y.M., Berkowitz, S.J. Theory of operation of high temperature Josephson fluxon-antifluxon transistor 115923
Terzopoulos, D. *see* McInerney, T. 110744
Terzuoli, A.J. *see* Burleson, R.A. 97048
Terzuoli, A.J., Jr. *see* Dunn, D. 120492
Tesari, I. *see* Wallrabe, U. 80427
Tesauro, M. *see* Franceschetti, G. 111102
Tesch, K. *see* Dinter, H. 90662
Tesch, P.P., Gallagher, J., Elias, L.R. Final construction of the CREOL 8 millimeter period hybrid undulator 107376
Tescher, A.G., Reagan, J.T., Saghri, J.A. Near lossless transform coding of multispectral images 120695
Teschke, O., Scares, D.M. Isolated submicrometer filaments formed by silicon anodization in HF solutions 63381
Teschke, O. *see* Cotta, M.A. 103948
Teschner, M. *see* Schluns, K. 86885
Tesei, A., Regazzoni, C.S. HOS-based noise models for signal detection optimization in non-Gaussian environments 66639
Tesei, A., Regazzoni, C.S. The asymmetric generalized Gaussian function: a new HOS-based model for generic noise pdfs 117495
Tesei, A. *see* Regazzoni, C.S. 117676
Tesei, A. *see* Tacconi, G. 108271
Teshigahara, A., Saeki, K., Nagakubo, M., Kurahashi, T., Hattori, T. A high frequency ultrasonic transducer made from composite piezoelectric materials 120922
Teshigahara, K. *see* Tsuchiya, R. 115655
Teshima, K. *see* Mizoguchi, T. 78744
Teshima, M. Dynamic wavelength switching performance of multi-electrode DBR lasers for photonic ATM cross-connect 78321
Teshima, M., Koga, M., Ken-Ichi Sato Performance of multiwavelength simultaneous monitoring circuit employing arrayed-waveguide grating 116094
Teshima, P. *see* Lewis, W.J. 110501
Teshima, S., Kakazu, Y. A study on preprocessing problems for paper currency recognition using the artificial neural network 77126
Teshima, T. *see* Fukuda, M. 93979
Teshima, T. *see* Matsuo, H. 90613
Tesi, A. *see* Stanghini, M. 75815
Tesic, M., Piccaro, M.F. Digital mammography scanner: performance characteristics and preliminary clinical results 80322
Teslenko, O.A., Shirinskii, S.V. Analysis of an equivalent circuit for the magnetic circuit of a non-salient pole synchronous machine 71263
Tesnjak, S. *see* Dizdarevic, N. 101954
Tessaro, S. *see* Agnello, M. 110583
Tessier, A.G. *see* Gontijo, I. 114785
Tessier, J.-M. *see* Ferrario, M. 89977
Tessier, T.G., Aday, J., Cress, H. Selecting flip chip on board compatible high density PWB technologies 94108
Tessier, V. *see* Dubois, L. 120490
Tessler, C. *see* Patel, R.S. 94137
Tessler, L. *see* Feuillard, G. 119602
Tessler, L.R. *see* Lau, S.P. 94447
Tessler, N. *see* Finzi, D. 65177
Testa, A. *see* Bonanno, F. 102491
Testa, A. *see* Cavallaro, C. 103092
Testa, A. *see* Consoli, A. 121774
Testa, A. *see* Consoli, A. 121931
Testa, A. *see* Musumeci, S. 112135
Testa, L. *see* Pinola, L. 81564
Testa, M. *see* Qiang Wu 82981
Testezlaf, R. *see* Zanon, E.R. 119534
Teston, F. *see* Feuillard, G. 119602
Teston, F. *see* Janin, Y. 110463
Testorf, M. *see* Damjanovic, D. 84684
Testud, P. *see* Konczewicz, L. 74174
Teszner, J.L. The infrared detectors in France: A genesis 69306
Tetelbaum, A., Shanblatt, M. Framework of a new methodology for behavioral to physical design linkage [VLSI circuits] 74804
Tetenbaum, M., Maroni, V.A. Some aspects of the thermodynamic behavior of the lead-doped Bi–2223 system 75310
Teter, J.P., Hathaway, K.B., Clark, A.E. Zero field damping capacity in $(Tb_xDy_{1-x})Fe_y$ 75122
Teter, J.P. *see* Cullen, J.R. 75123
Teter, J.P. *see* Cullen, J.R. 115566
Teter, J.P. *see* Restorff, J.B. 115567
Teterin, V.V. *see* Anischenko, N.G. 120106
Teterin, V.V. *see* Vazhinskii, V.N. 108467
Teterycz, H. *see* Golonka, L.J. 89032
Tetmeyer, M., Deken, K. Benefits and pitfalls of common-bussing AC inverters 91987
Tetslaff, W.H. *see* Kiensle, M.G. 87672
Tetsutani, N. *see* Omura, K. 100195
Tetu, M. *see* Guy, M. 78898
Tetyorkin, V.V., Sipatov, A.Yu., Sizov, F.F., Fedorenko, A.I., Fedorov, A. (001)-oriented lead selenide films grown on silicon substrates 64895
Tetzlaff, B.A. *see* Jacobson, D.M. 90493
Tetzlaff, W. *see* Flynn, R. 98872
Tetzlaff, W. *see* Mathur, V.K. 110979
Teufel, F.C. *see* McCall, L.V. 102891
Teuner, A. *see* Hackstein, J. 90455
Teuner, D. *see* Schulze, J. 107110
Teunissen, C. *see* Bech, S. 110291
Teunissen, K. *see* Westerink, J.H.D.M. 86631
Teunissen, P.J.G. An analytical study of ambiguity decorrelation using dual frequency code and carrier phase [GPS] 99412
Teuschler, T., Mahr, K., Miyazaki, S., Hundhausen, M., Ley, L. Nanometer-scale modification of tribomechanical properties of Si(111):H surfaces performed and investigated by a conducting-probe scanning force microscope 63411
Tevdorashvili, K.G. *see* Petriashvili, G.Sh. 100089
Tew, B.G. Terrestrial transmitters for digital services to the home 119383
Tew, G.S., Bunce, R.W., Thomas, H. RIE of III-V materials using CH_4 or CH_3Cl in H_2 63299
Tewari, R., King, R., Kandlur, D., Dias, D.M. Placement of multimedia blocks on zoned disks 87903
Tewari, R., Mukherjee, R., Dias, D.M., Vin, H.M. Design and performance tradeoffs in clustered video servers 98849
Tewarson, S.K. IVHS, information highways and synchronous optical networks 99528
Tewes, D. *see* Stoetzer, M.-W. 78490
Tewfik, A. *see* Ali, M. 99803
Tewfik, A. *see* West, D. 113623
Tewfik, A.H. *see* Boney, L. 97752
Tewfik, A.H. *see* Gerek, O.N. 86509
Tewfik, A.H. *see* Hosur, S. 86013
Tewfik, A.H. *see* Kadah, Y.M. 120289
Tewfik, A.H. *see* Swanson, M.D. 86478
Tewfik, A.H. *see* Zhu, B. 86504
Tewksbury, L.A. *see* Tewksbury, S.K. 104970
Tewksbury, S.K., Hornak, L.A., Tewksbury, L.A., Chen, L. A system-level evaluation of HTS interconnections on MCMs for high performance VLSI systems 104970
Teword, M. *see* Schmidt, T. 62952
Tews, H., Averbeck, R., Graber, A., Riechert, H. Blue and green electroluminescence from MBE grown GaN/InGaN heterostructures 116217
Tews, R. *see* Alhallani, B. 92898
Texier, N. *see* Doldi, L. 118189
Teyssedre, G., Demont, P., Lacabanne, C. Analysis of the experimental distribution of relaxation times around the liquid-glass transition of poly(vinylidene fluoride) 84673
Teyssedre, G., Lacabanne, C. Study of the thermal and dielectric behavior of P(VDF-TrFE) copolymers in relation with their electroactive properties 106339
Teyssier, J.P. *see* Viaud, J.P. 73726
Teytelman, D., Claus, R., Fox, J., Hindi, H., Hoeflich, J., Linscott, I., Olsen, J., Oxoby, G., Prabhakar, S., Ross, W., Sapozhnikov, L., Drago, A., Serio, M., Byrd, J., Corlett, J., Stover, G. Operation and performance of the PEP-II prototype longitudinal damping system at the ALS 100523
Teytelman, D. *see* Barry, W. 100607
Teytelman, D. *see* Claus, R. 100601
Teza, J.P. *see* Chiarulli, D.M. 87757
Tezduyar, T.E. *see* Johnson, A.A. 103794
Tezuka, H. *see* Sato, F. 63906
Tezuka, H. *see* Sato, F. 68437
Tezuka, H. *see* Sato, F. 119167
Tezuka, K. *see* Matsunuma, K. 98890
Tezuka, K. *see* Matsuura, H. 83491
Tezuka, M., Kojo, T., Naito, M., Toyoda, E., Hanai, S., Inoue, K., Takeuchi, T., Itoh, K., Kiyoshi, T., Wada, H., Maeda, H. Power supply and control system for 40 T class hybrid magnet system 96976
Tezuka, M. *see* Hanai, S. 96975
Tezuka, M. *see* Inoue, K. 96969
Tezuka, M. *see* Murase, S. 95431
Tezuka, M. *see* Watanabe, K. 95529
Tezuka, T., Chen, K., Hashimoto, K., Uchiyama, T. Intracavity second harmonic generation of chemical oxygen iodine laser using Brewster cut LBO crystal 116329
Tezuka, T. *see* Kim, J. 80779
Thach Phan Thien *see* Phan Thien Thach
Thackara, J.I. *see* Miller, R.D. 85642
Thackeray, J. *see* Conley, W. 105758
Thackeray, J.W. *see* Mancini, D.P. 115045
Thackeray, M.M. Lithiated oxides for lithium-ion batteries 81678
Thackwray, B., Hamblin, H. Total quality management, investors in people and higher education 72338
Thadikaran, P., Chakravarty, S. Fast algorithms for computing I_{DDQ} tests for combinational circuits 93321
Thadome, J. *see* Adam, W. 69709
Thai Quynh Phong, Le Thi Hoai An, Pham Dinh Tao On globally solving linearly constrained indefinite quadratic minimization problems by decomposition branch and bound method 82475
Thain, W.E., Jr., Connelly, J.A. f^α noise source streamlines SPICE simulations 61563
Thakoor, A. *see* Duong, T.A. 104767
Thakoor, A. *see* Langenbacher, H. 104757
Thakor, N.V. *see* Braun, J.C. 101380
Thakor, N.V. *see* Goel, V. 120436
Thakor, N.V. *see* Riviere, C.N. 69915
Thakur, Q. *see* dela Cova, J. 100881
Thakur, S., Wong, D.F. Universal logic modules for series-parallel functions 61787
Thakur, S., Wong, D.F. Simultaneous area and delay minimum K-LUT mapping for K-exact networks 93254
Thakur, S., Wong, D.F., Krishnamoorthy, S. Delay minimal decomposition of multiplexers in technology mapping 83070
Thakur, V.A. *see* Porji, S.G. 74281
Thaler, B.J. *see* Kumar, A.H. 92269
Thaler, D.G., Ravishankar, C.V. Distributed center-location algorithms: proposals and comparisons 87720
Thalhammer, R., Burger, W., Groschl, M., Benes, E. Sandwich quartz crystal viscosity sensor 69070
Thalimer, J.R. *see* Homce, G.T. 71967
Thallam, R.S., Gerlach, D.W., Lundquist, T.G., Atmuri, S.R. Modeling Mead-Phoenix 500 kV phase shifting transformer in EMTP studies 111623
Thalman, W.J., Eckard, A., Debska, A., Weaver, J.A., Jr. Oxidation induction time (OIT) of multicomponent ETPR cable filling compound and its relation to the level of two antioxidants 62399
Thalmann, D. *see* Beylot, P. 108464
Thalmann, D. *see* Pandzic, I.S. 118560
Thalmann, N.M. *see* Pandzic, I.S. 118560
Thalmann, N.Magnenat *see* Magnenat Thalmann, N.
Thalmann, R. Intercomparison of parallelism measurements 99827
Thalmann, R. *see* Haitjema, H. 89492
Tham, J.Leong *see* Leong Tham, J.

Tham, K.Y. *see* Teo, Y.M. 86696
Tham Joo Leong *see* Joo Leong Tham
Tham Yiu Kwok *see* Yiu Kwok Tham
Thambi, G. *see* Fernando, J.L. 80259
Thames, P., Maslanik, J., Oleson, K., Emery, W. A multi-parameter land data set for regional modeling 120746
Thampi, K.R., Widmer, S., McEvoy, A.J. Formation and interconnection of electrocatalytic SOFC interfaces 81804
Than, O. *see* Buttgenbach, S. 74883
Than, S. *see* Bach, R. 71579
Than Nghi Nguyen *see* Nguyen Than Nghi
Thanachayanont, A., Payne, A. VHF CMOS integrated active inductor 62019
Thanachayanont, A., Payne, A.J., Pookaiyaudom, S. State-space synthesis of oscillators based on the MOSFET square law 104388
Thanachayanont, A. *see* Manetakis, K. 74828
Thanailakis, A. *see* Andreadis, I. 82302
Thandapani, E., Sundaram, P., Lalli, B.S. Oscillation theorems for higher order nonlinear delay difference equations 72681
Thang Nguyen Bui, Byung Ro Moon A genetic algorithm for a special class of the quadratic assignment problem 92481
Thangaraj, N. *see* Farrow, R.F.C. 106576
Thangaraj, V. *see* Siewert, B. 120339
Thangasamy, S. *see* Patel, K.M. 102368
Thanh, D.N. *see* Ang, D.D. 61073
Thanh, D.van *see* van Thanh, D.
Thanh Nguyen Huu *see* Nguyen Huu Thanh
Thanh Tin Dang *see* Dang Thanh Tin
Thani, E.A. *see* Akiba, M. 91367
Thanigasalem, M. *see* Alphones, A. 73640
Thanisch, P. *see* Hume, A. 80326
Thao, N.T. Vector quantization analysis of ΣΔ modulation 66249
Thapar, H.K. *see* Fettweis, G. 77556
Thapar, M. *see* Chen, S. 88461
Thapar, N., Jayant Baliga, B. Elimination of the "Birds Beak" in trench MOS-gate power semiconductor devices 105504
Thapliya, R., Kodate, K., Tsuchiya, M., Kamiya, T. Character recognition of Sanskrit scripts using joint transform correlator 87246
Thapliya, R. *see* Ohya, Y. 87240
Tharek, A.R. *see* Din, J. 76429
Tharp, D. *see* Ohmart, D. 61934
t'Hart, B.W., van Nee, R.D., Prasad, R. Bit error probability degradation due to code tracking errors in spread-spectrum communication systems 99175
Thart Fah Voo, Toumazou, C. BFET: a composite bipolar and FET transistor 115177
Tharun, U. *see* Mauerhofer, E. 69885
Thas, J.A. k-Arcs, hyperovals, partial flocks and flocks 117214
Thas, J.A. *see* Shult, E.E. 72481
Thatcher, T.A., Eide, S.A., Jones, J.L. Location transformation for identification and screening of internal fire and flood scenarios 71089
Thaus, D.M., Stark, T.J., Griffis, D.P., Russell, P.E. Organochloride chemically enhanced focused ion beam micromachining of Permalloy 74900
Thavasimuthu, M., Rajagopalan, C., Kalyanasundaram, P., Raj, B. Improving the evaluation sensitivity of an ultrasonic pulse echo technique using a neural network classifier 113565
Thaxter, J.B. *see* Liu, D.W. 66042
Thayamballi, P. *see* Yuan, S.W. 115724
Thayer, G. *see* Aronstein, D. 69717
Thayer, J.P., Nielsen, N.B., Kerr, R.B., Noto, J. Rayleigh lidar observations during Arctic summer conditions 120765
Thayer, M. *see* Kudva, S.M. 92351
Thayer, S. *see* Khormaei, R. 89376
Thayne, I.G. *see* Marsh, J.H. 73689
The Siang-Chun *see* Siang-Chun The
The-Ha, H. *see* Kocka, J. 94293
Theberge, F., Mazumdar, R.R. New reduced load heuristic for computing blocking in large multirate loss networks 108787
Thedrez, B., Lourtioz, J.M., Bouchoule, S., Kazmierski, C. Chirp tailoring in Q-switched InGaAsP lasers using electroabsorption loss section 116469
Theed, J.E., Lewin, P.L., Davies, A.E., Larsen, S.T. A study into the variability of environmental parameters used in cable ratings 81080
Thei Kong-Beng *see* Kong-Beng Thei
Theije, F.K.de *see* de Theije, F.K.
Theil, A., Huiskamp, W. ARTIST's flexible radar signal processor 68699
Theil, J. *see* Nauka, K. 106127
Theiler, J., Prichard, D. Constrained-realization Monte-Carlo method for hypothesis testing 92420
Theiler, J. *see* Henderson, B.G. 108556
Theillere, Y. *see* Broyer, P. 120509
Theiner, W.A. *see* Kern, R. 113002
Theis-Brohl, K., Ritley, K.A., Flynn, C.P., Hamacher, K., Kaiser, H., Rhyne, J.J. Magnetic properties of (1$\bar{1}$02) Dy/Y superlattices 64363
Theisejans, R. *see* Piel, H. 84861
Theiss, W. The dielectric function of porous silicon–how to obtain it and how to use it 94245
Theiss, W. *see* Carpio, R.A. 83784
Theiss, W. *see* Hilbrich, S. 94302
Theiss, W. *see* Krueger, M. 94804
Thekkath, C.A. *see* Scales, D.J. 78002
Thelen, D., Hillenberg, S. Construction and study of a standard TWT MMACE drafting example 105059
Thelen, D., Li, H. A 16 bit 50 kHz ADC for low Earth orbit 114014
Thelen, D.C., Jr., Chu, D.D. A low noise readout detector circuit for nano-ampere sensor applications 119582
Thelen, K. *see* Kehrli, U. 64994
Thelen, W. *see* Hanel, V. 61502
Thels-Brohl, K. *see* Kleinefeld, T. 64353
Themlin, J.-M. *see* Bellard, L. 63435
Then, A.N. *see* Tasker, G.W. 74082
Theobald, M., Nowick, S.M., Tao Wu Espresso-HF: a heuristic hazard-free minimizer for two-level logic 83062
Theobald, W. *see* Wulker, C. 116638
Theocharous, E. *see* Fox, N.P. 89092
Theodor, Y., Shaked, U. A dynamic game approach to mixed H_∞/H_2 estimation 72442
Theodore, D. *see* Lanzerotti, L.D. 84315
Theodore, J.G. *see* Suhre, D.R. 95931
Theodore, L.M. *see* Stadler, B.J.H. 62729
Theodore, N.D. *see* Li-Hsin Chang 94650
Theodore, N.D. *see* Lie, D.Y.C. 63233
Theodore, N.D. *see* Lie, D.Y.C. 74512
Theodoridis, S. *see* Kofidis, E. 117314
Theodoridis, S. *see* Kofidis, E. 117674
Theodoridis, S. *see* Rontogiannis, A.A. 97850
Theodoropoulos, P.T., Sentman, L.H., Carroll, D.L., Waldo, R.E., Gordon, S.J., Otto, J.W. Continuous wave hydrogen fluoride overtone lasing saturation effects on fundamental gain suppression 75793
Theodosiou, G.E. *see* Adam, W. 69709
Theodoulidis, T.P., Antonopoulos, C.S., Kriezis, E.E. Analytical solution for the eddy current problem inside a conducting cylinder using the second order magnetic vector potential 76345
Theodoulidis, T.P., Kantartzis, N.V., Tsiboukis, T.D., Kriezis, E.E. FDM-based second order vector potential formulation for 3-D eddy current curvilinear problems 107776
Theofanous, N.G. *see* Halkiadis, I.S. 121247
Theofanous, T.G. *see* Pilch, M.M. 121293
Theofanous, T.G. *see* Yan, H. 121296
Theogarajan, L., Akers, L.A. Silicon models of visual cortical processing 108511
Theogarajan, L. *see* Kuppuswamy, R. 104727
Theophilopoulos, N.A. *see* Poveda, J. 99420
Theriault, G.A. *see* Lieberman, S.H. 70536
Theriault, S., Bilodeau, F., Malo, B., Johnson, D.C., Albert, J., Hill, K.O., Erickson, L.E. Effect of phase mask stitching errors on the spectral response of uniform and apodized fiber Bragg gratings 64662
Theriault, S. *see* Albert, J. 106798
Theriault, S. *see* Bilodeau, F. 78774
Thern, R. *see* Brown, K.A. 90007
Thero, C. *see* Weitzel, C.E. 105835
Theron, A.E. *see* Seevinck, E. 115323
Theron, B. *see* Gendraud, S. 114205
Theron, B. *see* Moraud, S. 83322
Theron, D. *see* Allam, R. 93924
Theron, D. *see* Boudart, B. 74756
Theron, D.R., Herman, R. The effects of stochastic domestic electrical loads on the thermal sizing of aerial bundled cables 102184
Theron, I.P., Cloete, J.H. The optical activity of an artificial non-magnetic uniaxial chiral crystal at microwave frequencies 85842
Theron, I.P., Cloete, J.H. The electric quadrupole contribution to the circular birefringence of nonmagnetic anisotropic chiral media: a circular waveguide experiment 93668
Theron, I.P., Davidson, D.B., Cloete, J.H. On calculating the dipole moment of a short thin wire 116814
Theron, R. *see* Guillot, P. 62200
Therond, P.G. *see* Levillain, C. 103041
Therond, P.G. *see* Lombard, X. 70779
Therond, P.G. *see* Verhaege, T. 81171
Therrien, E.L. Superconducting sensors 99968
Thery, P. *see* Guilmain, P. 69552
Thesken, J.C., Henriksson, A. Acoustic emission as a predictor of delamination criticality 113616
Thesken, J.C. *see* Henriksson, A. 113607
Thesling, W.H., Xiong, F. A cascadable pragmatic block decoding algorithm exploiting channel measurement information 108173
Theunis, H.G.J., Keesman, G.J., Kuppers, J.M.G. Variable bit-rate coding of image series for optical recording in a MPEG-2 context 67122
Theuws, W.H.C., de Leeuw, R.W., Webers, G.A., Botman, J.I.M., Timmermans, C.J., Hagedoorn, H.L. Beam positioning and monitoring in the racetrack microtron Eindhoven 100626
Theuws, W.H.C. *see* de Leeuw, R.W. 100710
Theuws, W.H.C. *see* Kemper, A.H. 102852
Thevenaz, L. *see* Nikles, M. 64696
Thevenaz, L. *see* Nikles, M. 69219
Thevenot, M. *see* Eyharts, Ph. 89740
Thevenot, V. *see* Ferro, G. 113472
Thevenot, V. *see* Souliere, V. 105143
Thewalt, M.L.W. *see* Liu, C.W. 104123
Thewes, P. *see* Weber, W. 106224
Thewes, R., Schindhelm, T., Tiebout, M., Wohlrab, E., Kollmer, U., Kessel, S., Schmitt-Landsiedel, D., Weber, W. Method for precise determination of the statistical distribution of the input offset voltage of differential stages 113783
Thexton, A.J. A randomisation method for discriminating between signal and noise in recordings of rhythmic electromyographic activity 101383
Theye, M.L. *see* Zellama, K. 94673
Theys, B., Bourgeois, F., Chevallier, J., Svob, L., Miloche, M., Driad, R., Benchimol, J.L. Transport properties of hydrogenated p-GaInAs doped with carbon 94360
Thi Hoai An Le *see* Le Thi Hoai An
Thia, Y.H., Woodside, C.M. A reduced operation protocol engine (ROPE) for a multiple-layer bypass architecture 118136
Thiagarajah, K. *see* Lawless, J.F. 82344
Thiagarajan, P., Giudice, G.E., Temkin, H., Robinson, G.Y. Low threshold current 1.3 μm InAsP/InGaAsP lasers grown by gas-source molecular beam epitaxy 75921
Thiagarajan, P. *see* Vogt, T.J. 85100
Thian Chye Low *see* Low Thian Chye
Thibado, P.M., Bennett, B.R., Twigg, M.E., Shanabrook, B.V., Whitman, L.J. Evolution of GaSb epitaxy on GaAs(001)-c(4×4) 82594
Thibado, P.M., Kneedler, E., Jonker, B.T., Bennett, B.R., Shamabrook, B.V., Whitman, L.J. Nucleation and growth of Fe on GaAs(001)-(2×4) studied by scanning tunneling microscopy 61254
Thibado, P.M., Mercer, T.W., Shelton Fu, Egami, T., DiNardo, N.J., Bonnell, D.A. Cross-sectional scanning tunneling spectroscopy of cleaved, silicon-based metal-oxide-semiconductor junctions 84005
Thibado, P.M. *see* Bennett, B.R. 82681
Thibado, P.M. *see* Whitman, L.J. 82640
Thibaudeau, L. *see* Vinter, B. 62968
Thibeault, B.J. *see* Floyd, P.D. 65317
Thibeault, B.J. *see* Hegblom, E.R. 107415
Thibeault, B.J. *see* Strzelecka, E.M. 85342
Thibeault, B.J. *see* Wipiejewski, T. 65323
Thibeault, B.J. *see* Wipiejewski, T. 85509
Thibeault, B.J. *see* Wipiejewski, T. 85526
Thibeault, B.J. *see* Wipiejewski, T. 107350
Thiberville, J. *see* Dieudonne, M. 78253
Thich Nguyen Van *see* Van Thich Nguyen
Thiebault, A. *see* Combellas, C. 76222
Thiebeaux, C. *see* Delahaigue, A. 70516
Thieberger, P. *see* Ahrens, L.A. 79924
Thieberger, P. *see* Jacobsen, F.M. 84184
Thiede, A. *see* Wang, Z.-G. 99476
Thiede, A. *see* Wang, Z.-G. 119130
Thiede, A. *see* Zhi-Gong Wang 73504
Thiel, A., Bernarding, J., Krauss, M., Schulz, S., Tolxdorff, T. Distributed medical services within the ATM-based Berlin regional testbed 109167
Thiel, D.V. *see* Lu, J. 107695
Thiel, E. *see* di Baja, G.S. 87182
Thiel, G.H. *see* Wu, T.Y. 112973
Thiel, R.C. *see* Middleton, D.P. 64216
Thiele, C.M., Villemoes, L.F. A fast algorithm for adapted time-frequency tilings 66743
Thiele, D.L., Kimme-Smith, C., Johnson, T.D., McCombs, M., Bassett, L.W. Using tissue texture surrounding calcification clusters to predict benign vs. malignant outcomes 80207
Thiele, G.A. *see* Reuster, D.D. 96879
Thiele, K. *see* Ahbe, T. 79703
Thiele, M. The European Digital TV Broadcasting (DVB) project 109850
Thiele, M. Digital television. The European DVB project, basis, technology, and user variations 109885
Thiele, O.W. *see* Rincon, R.F. 111188
Thiele, P. *see* Babucke, H. 75581
Thielemann, C. *see* Amjadi, H. 115393
Thielemann, C. *see* Klemberg-Sapieha, J.E. 113437
Thiell, G., Paye, J., Graillot, H., Mathieu, F., Boscheron, A., Reynier, F., Estraillier, P., Bruneau, J.L. Recent laser physics results on power balance and frequency conversion with the Phebus laser system 85421
Thielmann, J. Air-conditioned switchgear cabinets for safe operation 71555
Thielmann, J. Distributed solution. SIMOVERT MASTER drives on a shaping-, filling and capping machine 81949
Thielsch, R., Boehme, T., Boettcher, H. Optical and structural properties of nancrystalline ZnS-SiO$_2$ composite films 83829
Thiem, C.D., Jones, E.J., Bocchi, W.J. Designing robustness into advanced avionic electronics 70570
Thiemann, U. *see* Bauer, F. 105910
Thieme, H. *see* Krauss, M. 79279
Thieme, J. *see* Schmahl, G. 120238
Thien, N.X. *see* Binh, L.N. 64870
Thien Thach Phan *see* Phan Thien Thach
Thienpont, H., Kirk, A., Goulet, A., Kufner, S., Kufner, M., Nieuborg, N., Kuijk, M., Vounckx, R., Heremans, P., Borghs, G., Veretennicoff, I. Optoelectronic subsystems for information processing with PnpN optical thyristors 85190
Thienpont, H. *see* Kirk, A.G. 85282
Thienpont, H. *see* Panajotov, K. 85240
Thierauf, S.C. *see* Montanaro, J. 73430
Thierens, H. *see* Palmans, H. 80510
Thierens, H. *see* Vanhavere, F. 110609
Thierfelder, H.G. Modernization of existing power stations: advances in the degree of automation and in process control and monitoring 102335
Thierry, W. *see* Laure-Line, R. 64278

Thierry-Mieg, V. *see* Bloch, J. 65308
Thierry-Mieg, V. *see* Fainstein, A. 74424
Thierry-Mieg, V. *see* Gerard, J.M. 85549
Thierschmann, M., Reinartz, P., Lehner, M. Suitability of wavelet-image-data-compression for the derivation of digital elevation models 101496
Thiery, J.-P. *see* Penninckx, D. 68501
Thiery, J.-P. *see* Penninckx, D. 78714
Thiery, J.-P. *see* Penninckx, D. 88512
Thiery, Y., Gao, J., Le Duff, J. 3D investigations of the 35 MV tandem Vivitron 110519
Thiery, Y. *see* Chehab, R. 89714
Thiesse, B. *see* Yvinec, Y. 86833
Thiesse, F. *see* Biersack, E. 99786
Thiesse, F. *see* Biersack, E. 119494
Thijs, P.J.A., van Dongen, T., Binsma, J.J.M., Jansen, E.J. High performance buried heterostructure $\lambda=1.5$ μm InGaAs/AlGaInAs strained-layer quantum well laser diodes 107280
Thijs, P.J.A. *see* Binsma, J.J.M. 65224
Thijs, P.J.A. *see* Staring, A.A.M. 96384
Thijs, P.J.A. *see* Tiemeijer, L.F. 76024
Thijs, P.J.A. *see* Tiemeijer, L.F. 76036
Thijs, P.J.A. *see* Tiemeijer, L.F. 76037
Thijs, P.J.A. *see* Tiemeijer, L.F. 96385
Thijssen, J.M. Parametric ultrasound imaging 90289
Thill, M. *see* Nguyen, H.N. 73049
Thilmann, O. *see* Mueller, U. 69711
Thim Lam Yow *see* Lam Yow Thim
Thinbault, G. *see* Brillault, B. 110022
Thind, S. *see* Nagalingam, S. 105640
Thinel, J. *see* Gallet, B. 90054
Thio, T., Bennett, J.W., Becla, P. Deep donors in $Cd_{1-x}Zn_xTe$:Cl 94365
Thio, T., Bennett, J.W., Chadi, D.J., Linke, R.A., Becla, P. DX centres in CdZnTe:Cl and their applications 74219
Thio, T., Linke, R.A., Devlin, G.E., Bennett, J.W., Chadi, J.D., Mizuta, M. Writing erasable metallic patterns in insulating $Al_xGa_{1-x}As$:DX using persistent photoconductivity 64617
Thio, T. *see* Linke, R.A. 65455
Thion, J. *see* Abbes, M. 90145
Thiran, J.-P., Macq, B. Morphological feature extraction for the classification of digital images of cancerous tissues 110770
Thiran, J.-P. *see* Michel, C. 90490
Thiran, P. *see* Vassilas, N. 108198
Thiringer, T. Power quality measurements performed on a low-voltage grid equipped with two wind turbines 111608
Thiringer, T. *see* Larsson, A. 111688
Thirion, J.-P. Non-rigid matching using demons 86389
Thirion, J.-P. New feature points based on geometric invariants for 3D image registration 90481
Thirion, N., Lacoume, J.-L., Mars, J. Resolving power of spectral matrix filtering: a discussion on the links steering vectors/eigenvectors 120704
Thirion, N. *see* Moreau, E. 117511
Thirion, V. *see* Bravaix, A. 63669
Thirolf, P. *see* Catford, W.N. 69884
Thirstrup, C., Yuan Shi, Palsdottir, B. Pump-induced refractive index modulation and dispersions in Er^{3+}-doped fibers 65090
Thirumalai, S. *see* Gallivan, K. 60992
Thirumavalavan, M. *see* Fornari, R. 61158
Thirumurthy, M.V. *see* Pegels, C.C. 92101
Thiruvengadam, S. *see* Kumari, K.P. 121112
Thiry, M.C. *see* Brun, C. 71076
Thiry, P.A. *see* Diatezua, D.M. 75675
Thiry, P.A. *see* Peremans, A. 107401
Thissell, W.R., Marcus, H.L. Design of a closed loop computer controlled system for selective area laser deposition. I. Laser systems, gasflow, and substrate temperature control 112886
Thissell, W.R., Marcus, H.L. Design of a closed loop computer controlled system for selective area laser deposition. II. Remote plasma source and pressure control 113496
Thitimajshima, P. Recursive systematic convolutional codes and application to parallel concatenation 86064
Thivent, M. *see* Blas, F. 79935
Thng, C.H., Booton, R.C., Jr., Gupta, K.C. FDTD-compatible edge-element, face-element time-domain method for electromagnetics 116809
Thng, C.H. *see* Hall, R.C. 97300
Tho Le-Ngoc *see* Ming Jia 86059
Tho Le-Ngoc *see* Yonghai Gu 86278
Thoa Pham Huy *see* Pham Huy Thoa
Thoai, D.B.Tran *see* Tran Thoai, D.B.
Thobel, J.L., Sleiman, A., Bourel, P., Dessenne, F., Baudry, L. Monte Carlo study of electron transport in III-V heterostructures with doped quantum wells 94463
Thoben, R. *see* Hesselbach, J. 104966
Thodesen, Y., Kundert, K. Parametric harmonic balance 93045
Thoen, J. *see* Glorieux, C. 115479
Thoenissen, M., Berger, M.G., Arens-Fischer, R., Glueck, O., Krueger, M., Lueth, H. Illumination-assisted formation of porous silicon 94246
Thoenissen, M. *see* Krueger, M. 94804
Thokala, R. *see* Chaudhuri, J. 83880
Thokala, R. *see* Steckl, A.J. 103993
Tholey, V. *see* Chawki, M.J. 88577
Tholl, D. *see* Hashemi, H. 65860
Tholl, R. *see* Sharma, R. 99044
Thollon, F. *see* Rasolonjanahary, J.L. 61506
Thollon, F. *see* Savoye, C. 104248
Thollon, F. *see* Sicard, D. 110957
Tholomier, M. *see* Gomez, T. 121498
Thom, F. *see* Wolter, F. 79649
Thoma, C., Hahn, Y. A simple determination of first order velocity shifts and reflection coefficients for periodic IDTs 106437
Thoma, F. *see* Wu, D.M. 104529
Thoma, G. *see* Mitra, S. 77430
Thoma, G.R. *see* Bazzill, T.M. 110724
Thoma, H., Bijak, M., Girsch, W., Holle, J., Howorka, K., Lanmuller, H., Prulamp, G. Rehabilitation technology for physically handicapped persons, the Viennese High Tech Program 120534
Thoma, H. *see* Howorka, K. 110873
Thoma, J. Cost and capability analysis of self-healing video: Universal uncompressed systems versus SONET 119452
Thoma, M.J. *see* Kizilyalli, I.C. 106227
Thoma, P., Weiland, T. Simulation of microwave devices containing discrete circuit elements by using the finite integration technique 62228
Thoma, P., Weiland, T. A subgridding method in combination with the finite integration technique 113241
Thoma, P., Weiland, T. A consistent subgridding scheme for the finite difference time domain method 113263
Thoma, R. *see* Jungemann, Chr. 74663
Thoma, R.S., Groppe, H., Trautwein, U., Sachs, J. Statistics of input signals for frequency domain identification of weakly nonlinear systems in communications 108268
Thomanek, F., Dickmanns, E.D. Autonomous road vehicle guidance in normal traffic 87034
Thomann, M. Custom ASIC VLSI device for asynchronous transfer mode 78295
Thomann, W., Russer, P. The evaluation of electrooptic-sampling including diffraction and aperture masking of a tilted astigmatic Gaussian sampling beam 95821
Thomas, A. One single concept for all applications. Save costs using communications-capable switchgear 81625
Thomas, A., Tarantino, M., Gatto, F. EMPAR–a practical solution to ship MRF requirements 78999
Thomas, A. *see* Barber, D.G. 120819
Thomas, A. *see* Dutz, H. 120108
Thomas, A. *see* Thompson, C. 112794
Thomas, B. *see* Corbiere, T. 106219
Thomas, B. *see* Lasserre, V. 106217
Thomas, B.T. *see* Ekinci, M. 86667
Thomas, B.W.J. *see* Carey, R. 64817
Thomas, C., DeVries, P., Hardin, J., White, J. Four-dimensional imaging: computer visualization of 3D movements in living specimens 110735
Thomas, C., Khanna, M.K., Haldar, S., Gupta, R.S. A new analytical MOSFET model for VLSI 106012
Thomas, C. *see* Cherfur, R. 103458
Thomas, C. *see* Rajesh, S. 106087
Thomas, C. *see* Rippert, E.D. 64561
Thomas, C. *see* Sharma, Y.D. 106096
Thomas, C.B. *see* Cranton, W.M. 94359
Thomas, C.D. *see* Song, S.N. 110627
Thomas, C.J. *see* Cotter, J.E. 112375
Thomas, C.L., Gaffney, T.M., Kaza, S., Lee, C.H. Rapid prototyping of large scale aerospace structures 90684
Thomas, C.W. Strategic technology assessment, future products and competitive advantage 103360
Thomas, D., Jr, Branner, G.R. Optimization of active microwave frequency multiplier performance utilizing harmonic terminating impedances 83376
Thomas, D.F. *see* Jones, L.A. 84186
Thomas, D.G., Jr., Branner, G.R. Design of low-noise RF/microwave amplifiers for communication systems requiring very low power consumption 93140
Thomas, D.G., Jr., Branner, G.R. Single-ended HEMT RF/microwave frequency doubler design using reflector networks 93783
Thomas, D.G., Jr. *see* Branner, G.R. 93708
Thomas, D.G., Jr. *see* Kumar, B.P. 83303
Thomas, D.W.P., Jones, M.S., Christopoulos, C. Phase selection based on superimposed components 70978
Thomas, D.W.P. *see* Robinson, M.P. 97181
Thomas, E. *see* Thompson, C. 112794
Thomas, E.L. *see* Tate, A.R. 90378
Thomas, E.W. *see* Chou, H.C. 112404
Thomas, E.W. *see* Rohatgi, A. 112365
Thomas, E.W. *see* Welton, R.F. 69691
Thomas, F. *see* Martinez, J. 86768
Thomas, G. *see* Anagreh, Y. 91545
Thomas, G. *see* Anagreh, Y. 102747
Thomas, G. *see* Blonde, L. 79151
Thomas, G. *see* Lemke, H. 113468
Thomas, G. *see* Simion, B.M. 75185
Thomas, G. *see* Takano, K. 64180
Thomas, G.H. *see* Candy, J.V. 90870
Thomas, H., Luo, J.K., Morgan, D.V., Lipka, M., Kohn, E. Low-temperature grown GaAs insulators for GaAs FET applications 105982
Thomas, H. *see* Aliyu, Y.H. 64965
Thomas, H. *see* Saunders, S. 118980
Thomas, H. *see* Stoker, C.R. 90821
Thomas, H. *see* Tew, G.S. 63299
Thomas, H.R., Li, W.-H. Construction equipment identification via acoustical measurements 80701
Thomas, I.M. *see* Britten, J.A. 85734
Thomas, I.M. *see* Dixit, S.N. 85735
Thomas, J. An interleaved systolic adaptive architecture for video ghost elimination 98331
Thomas, J. Pipelined systolic architectures for DLMS adaptive filtering 104704
Thomas, J. Systems approach to TR billing computerization 118293
Thomas, J. *see* Franaszek, P. 86225
Thomas, J. *see* Njoku, P.C. 110936
Thomas, J. *see* Piatek, R. 99732
Thomas, J.-L., Wu, F., Fink, M. Time reversal focusing applied to lithotripsy 110736
Thomas, J.A., Kloster, G.M., Shriver, D., Kannewurf, C.R. Charge transport properties of a partially reduced V_2O_5 xerogel intercalated with a polymer electrolyte [secondary cell cathodes] 112288
Thomas, J.D. *see* Katz, R.A. 69928
Thomas, J.F. *see* Abbes, M. 90145
Thomas, J.N. *see* Yamamoto, R.M. 90187
Thomas, J.P., Wei, R.P. Standard-error estimates for rates of change from indirect measurements 79211
Thomas, J.P. *see* Baganne, A. 67888
Thomas, J.P. *see* Eckstein, M.P. 117625
Thomas, J.W. *see* Warren, A.P. 106492
Thomas, J.W., Jr. *see* Apple, B.A. 70031
Thomas, K. Advanced telecommunications networks and services, important prerequisites for the performance of modern economies 118187
Thomas, K. *see* Jurgen, S. 118575
Thomas, K.P., Webb, P.W. Transient thermal impedance measurement in power semiconductor devices 84279
Thomas, M., Blank, H.-R., Wong, K.C., Chanh Nguyen, Kroemer, H., Hu, E.L. Flux-periodic resistance oscillations in arrays of superconducting weak links based on InAs-AlSb quantum wells with Nb electrodes 106691
Thomas, M., Goodman, D.J. Multirate PRMA: protocol for controlled soft capacity in TDMA systems 99136
Thomas, M. *see* Blank, H.-R. 113286
Thomas, M. *see* Broome, W. 100493
Thomas, M. *see* Mortazavi, P. 100674
Thomas, M. *see* Schlott, V. 79831
Thomas, M. *see* Spallas, J.P. 119658
Thomas, M.C., Yates, G.J., Zagarino, P. Image enhancement using a range gated microchannel-plate image intensifier (MCPII) video system with a 180-ps FWHM shutter 79521
Thomas, M.C., Yates, G.J., Zagarino, P. Resolution and shutter profile measurements with point source inputs for a microchannel-plate image intensifier (MCPII) with a 160 ps FWHM whole image shutter 79522
Thomas, M.C. *see* Yates, G.J. 74081
Thomas, M.D. *see* Whitham, K. 79804
Thomas, M.J., Nagabhushana, G.R. Lightning attachment and high current studies on aircraft nose radome 76459
Thomas, M.R., Bell, P., Gould, C.A., Mellis, J. Fault rate analysis, modelling and estimation 67967
Thomas, M.S. *see* Kumar, P. 81099
Thomas, N.L. *see* Stevens, C.G. 70483
Thomas, O. *see* Mangelinck, D. 63432
Thomas, P., Sridhar, S., Krishnaswamy, K.R. Dielectric liquid from vegetable origin–Indian beech oil 64158
Thomas, P. *see* Baranovskii, S.D. 94385
Thomas, P. *see* Bott, K. 62940
Thomas, P. *see* Feldmann, J. 62864
Thomas, P. *see* Giessen, H. 65495
Thomas, P. *see* Shih, C.-H.V. 67341
Thomas, P. *see* Travier, C. 90084
Thomas, P.R. *see* Bloor, D. 85582
Thomas, R. Future-indicative electricity applications in industry 71932
Thomas, R. *see* Garrett, C. 83272
Thomas, R. *see* Greene, A. 90033
Thomas, R. *see* Klein, A. 116882
Thomas, R. *see* Trbojevic, D. 89911
Thomas, R. *see* Wanderer, P. 89783
Thomas, R.E. *see* Kaminow, I.P. 77942
Thomas, R.E. *see* Marquis, D. 98638
Thomas, R.J. *see* King, R.L. 92093
Thomas, R.M. Radio ground wave monitoring of lake salinity 111268
Thomas, R.M., Simos, T.E., Mitsou, G.V. A family of Numerov-type exponentially fitted predictor-corrector methods for the numerical integration of the radial Schrodinger equation 61059
Thomas, R.N. *see* Bodet, J.M. 112215
Thomas, R.R., Weismantel, R. Test sets and inequalities for integer programs 113167
Thomas, S., Martino, C.A., Fresina, M.T., Ahmari, D.A., Barlage, D.W., Chang, W.-H., Feng, M., Stillman, G.E. Growth and characterization of high-speed InP/InGaAs bipolar transistors using n^+-InP contacting layers 94942
Thomas, S., Srihari, K., McLenaghan, A.J., Westby, G.R. The measurement of component retention properties of solder pastes for surface mount PWB assembly 94078
Thomas, S., Thornton, C. Process development and SPC implementation [inspection] 60676

Thomas, S., Thornton, C. BGA process development and SPC implementation using in-line X-ray laminography measurements 92240
Thomas, S. *see* Kalem, S. 105236
Thomas, S. *see* Stillman, G.E. 84337
Thomas, S. *see* Thornton, C. 60624
Thomas, S., III, Berg, E.W., Pang, S.W. In situ fiber optic thermometry of wafer surface etched with an electron cyclotron resonance source 84161
Thomas, S.B. *see* Bird, D.J. 110586
Thomas, S.R. *see* Ein-Eli, Y. 121854
Thomas, T. *see* Zimmermann, S. 79258
Thomas, T. *see* Zimmermann, S. 100857
Thomas, W.D. *see* Crawley, H.B. 93528
Thomassen, K., Schmidt, J., Burger, A., Lang, D., Naumovich, G., Parman, R., Potter, D., Robinette, W., Rocco, R., Sanger, P., Sevier, L., Singh, S., Weber, C. Industry roles in the Tokamak physics experiment 64565
Thomassin, C. *see* Nakra, H. 101715
Thomassin Singh, D., Singh, P.P., Durlak, J. Intercom Ontario: a community experiment in media affordances 118446
Thomasson, L. *see* Souyris, J.-C. 111344
Thome, K.J. *see* Gustafson-Bold, C.L. 120724
Thome, R.J., Huguet, M. Superconducting magnets: major design and R&D issues for ITER 64568
Thome, R.J. *see* Huguet, M. 64566
Thome, R.J. *see* Huguet, M. 95609
Thome, R.J. *see* Iida, F. 95520
Thomee, V. *see* Akrivis, G. 72712
Thomine, J.-B. *see* Aubin, G. 99581
Thomine, J.M. *see* Dujardin, F.H. 101214
Thomlinson, W.C. *see* Dilmanian, F.A. 90434
Thommen-Geiser, V. *see* Ivanshin, V.A. 75319
Thommesen, C. *see* Zyablov, V. 117252
Thomopoulos, S.C.A., Keller, M.R. Experimental comparison of likelihood ratio and CFAR detectors for multi-frequency radar data fusion 119268
Thomopoulos, S.C.A. *see* Byun, J.-M. 117355
Thomopoulos, S.C.A. *see* Chen, B.H. 98202
Thompsen, P.A., Foulger, D.A. Effects of pictographs and quoting on flaming in electronic mail 77906
Thompson, A. *see* Stepp, D. 84703
Thompson, A.G., Karlicek, R., Armour, E., Kroll, W., Zawadzki, P., Stall, R.A. In-situ controls for MOVPE manufacturing 92761
Thompson, B., Picton, P., Jones, N.B. A comparison of neural network and traditional signal processing techniques in the classification of EMG signals 70129
Thompson, C., Hodges, L., Marr, J., Walker, N., Thomas, E., Cabrera, A., Thomas, A., Wood, J. Changing the way electromagnetics is taught: precision teaching+interactive simulations 112794
Thompson, C., Weiss, B.L. Modal characteristics of graded multilayer optical waveguides 64755
Thompson, C. *see* Bernadas, S. 93525
Thompson, C.E. *see* Ehrlich, R.B. 85422
Thompson, C.J., Murthy, K., Clancy, R.L., Robar, J.L., Bergman, A., Lisbona, R., Loutfi, A., Gagnon, J.H., Weinberg, I.N., Mako, R. Imaging performance of PEM-1: a high resolution system for positron emission mammography 101124
Thompson, C.J. *see* Clancy, R.L. 100954
Thompson, C.J. *see* Kruchten, P. 111070
Thompson, C.J. *see* Picard, Y. 101101
Thompson, D.A. *see* Boisset, G.C. 72309
Thompson, D.A. *see* Drouot, V. 105608
Thompson, D.A. *see* LaPierre, R.R. 103895
Thompson, D.A. *see* Matin, M.A. 100036
Thompson, D.A. *see* Mitchell, D.B. 82672
Thompson, D.A. *see* Mullan, C.A. 103894
Thompson, D.A. *see* Nuban, M.F. 92777
Thompson, D.A. *see* Sargunas, V. 74530
Thompson, D.A. *see* Song, K.C. 100027
Thompson, D.A. *see* Wang, J. 103893
Thompson, D.C. *see* MacKerrow, E.P. 109804
Thompson, D.F. *see* Wright, P.V. 106408
Thompson, D.J. *see* Cuddapah, R. 101028
Thompson, D.R. *see* Beal, R.C. 111236
Thompson, D.R. *see* Porter, D.L. 120852
Thompson, D.R. *see* Romeiser, R. 120834
Thompson, D.R. *see* Rovner, A.L. 80413
Thompson, D.R. *see* Sikora, T.D. 111235
Thompson, D.S. *see* Rajanathan, C.B. 91511
Thompson, D.S. *see* Rajanathan, C.B. 102715
Thompson, E. Monte Carlo estimation of multilocus autozygosity probabilities 103585
Thompson, G. *see* Johnson, D.C. 70231
Thompson, G. *see* Liu, J.S. 117001
Thompson, G.B. *see* Strzelecka, E.M. 85342
Thompson, G.R. *see* Pankhurst, Q.A. 106564
Thompson, H.M. *see* Sherwood, D.V. 81216
Thompson, J. *see* Li, X.-D. 88191
Thompson, J. *see* Shaalan, H.E. 121127
Thompson, J.A. *see* Miguel Vieira Monteiro, A. 77918
Thompson, J.K. *see* Myers, E.G. 69704
Thompson, J.L. *see* Mathur, V.K. 110979
Thompson, J.S., Grant, P.M., Mulgrew, B. Performance of spatial smoothing algorithms for correlated sources 66718
Thompson, K. *see* Cho, Y. 79994
Thompson, K. *see* Gorski, A. 89792
Thompson, K. *see* Ko, K. 89759
Thompson, K. *see* Raubenheimer, T. 89588
Thompson, K. *see* Raubenheimer, T.O. 89662
Thompson, K.A. *see* Adolphsen, C. 89854
Thompson, K.A. *see* Kubot, K. 89980
Thompson, K.A. *see* Raubenheimer, T. 89853
Thompson, K.G., Hart, R.R. Microchannel plate efficiencies for medium energy helium and carbon recoils in pulsed beam time-of-flight applications 69769
Thompson, K.R. *see* Bowen, A.J. 70498
Thompson, K.R. *see* Dowd, M. 111272
Thompson, M. Simulation-based scheduling: Meeting the semiconductor wafer fabrication challenge 72256
Thompson, M. The management of energy consumption in low-voltage devices [keyboard microcontroller application] 82950
Thompson, M. *see* Long Tran 83463
Thompson, M. *see* Tran, L. 83442
Thompson, M. *see* Viens, M. 110083
Thompson, M.A. *see* Pusl, J.A. 83501
Thompson, M.A. *see* Shealy, J.B. 115250
Thompson, M.E. *see* Burrows, P.E. 75747
Thompson, M.E. *see* Byrd, H. 102971
Thompson, M.E. *see* Garbuzov, D.Z. 116194
Thompson, M.E. *see* Gu, G. 64951
Thompson, M.J. *see* Martin, R.A. 110298
Thompson, M.O. *see* Gossman, H.-J. 63256
Thompson, M.O. *see* Mogi, T.K. 63004
Thompson, M.O. *see* Mogi, T.K. 94538
Thompson, M.W. *see* Wenndt, S.J. 76875
Thompson, P., Anerella, M., Ganetis, G., Ghosh, A., Greene, A., Gupta, R., Jain, A., Kelly, E., Lindner, M., Morgan, G., Muratore, J., Sampson, W., Wanderer, P., Willen, E. Superconducting sextupoles and trim quadrupoles for RHIC 100412
Thompson, P., Toga, A.W. A surface-based technique for warping three-dimensional images of the brain 101136
Thompson, P. *see* Greene, A. 90033
Thompson, P. *see* Gupta, R. 90038
Thompson, P. *see* Gupta, R. 95577
Thompson, P. *see* Jain, A. 90037
Thompson, P. *see* Morgillo, A. 100448
Thompson, P. *see* Wanderer, P. 89783
Thompson, P.E. *see* Hobart, K.D. 82682
Thompson, P.E. *see* Jernigan, G.G. 104010
Thompson, P.E. *see* Potyraj, P.A. 83379
Thompson, P.E. *see* Swain, P.K. 63311
Thompson, P.J., Wang, S.Y., Horsburgh, G., Steele, T.A., Prior, K.A., Cavenett, B.C. ZnSe/ZnCdSe quantum confined Stark effect waveguide modulator 75582
Thompson, P.J. *see* Brownlie, G.D. 74214
Thompson, P.J. *see* Wang, S.Y. 74373
Thompson, P.J. *see* Zhu, Z. 74198
Thompson, R. *see* Folkes, P.A. 115242
Thompson, R.B., Zhengfang Ge, Patchan, M., Chih-Chin Huang, Fierke, C.A. Fiber optic biosensor for Co(II) and Cu(II) based on fluorescence energy transfer with an enzyme transducer 79568
Thompson, R.H. *see* Chaudhry, S. 63254
Thompson, R.I. *see* Saxe, R.L. 69414
Thompson, R.L. *see* Zehner, W.J. 88732
Thompson, R.S., Aldis, G.K. Effect of a cylindrical refracting interface on ultrasound intensity and the CW Doppler spectrum 69949
Thompson, R.S., Wilson, L.S. The effect of variations in transducer position and sound speed in intravascular ultrasound: a theoretical study 110671
Thompson, R.S. *see* Hoppe, F.J. 121553
Thompson, S.D. A microwave radar for vehicular applications 91917
Thompson, S.M. *see* Azizi, A. 75124
Thompson, T. Two, two chips in one! 83129
Thompson, T. The PowerPC goes consumer 93489
Thompson, T.D. *see* Egan, R.J. 75590
Thompson, W. *see* Iovenitti, P. 79564
Thompson, W.E. *see* Fan, Y. 117358
Thompson, W.E. *see* Fan, Y. 117359
Thompson, W.E. *see* Mamlook, R. 117862
Thompson, W.E. *see* Meng, Q. 117643
Thompson, W.H., Yamani, Z., Abu Hassan, L.H., Green, J., Nayfeh, M., Hasan, M.-A. Room temperature oxidation enhancement of porous Si(001) using ultraviolet-ozone exposure 114937
Thoms, M. Image properties of polycrystalline storage films 95641
Thoms, M. The quantum efficiency of radiographic imaging with image plates 120240
Thoms, M. *see* Fasbender, R. 74255
Thomsen, A. *see* Jiankang Ji 120865
Thomsen, L., Pearson, G.T., Skadhauge, E., Hviid Larsen, E. Advanced computer control of electrophysiological experimentation 70134
Thomsen, M. *see* Wu, Z.L. 106925
Thomsen, R. *see* Hall, E. 77943
Thomsen-Schmidt, P. *see* Ettrich, K. 107466
Thomson, D., Miranda, E.M. A digitally controlled 8-input/2-output audio mixer IC 93188
Thomson, D.J. *see* Song, J. 81184
Thomson, E.S. *see* Biggs, D.S. 80454
Thomson, E.T. *see* Zhang, Y. 81562
Thomson, F. *see* Mansour, R.R. 95621
Thomson, F.K. *see* Bates, R.L. 120142
Thomson, F.S. *see* Mansour, R.R. 93695
Thomson, G. *see* Mansour, R.R. 99401
Thomson, I. *see* Tarr, N.G. 120553
Thomson, J. *see* Sovarong Leang 63499
Thomson, J. *see* Spanos, C.J. 63510
Thomson, J. *see* Takayanagi, T. 73424
Thomson, M.G.R. *see* Chang, T.H.P. 114548
Thomson, M.G.R. *see* Kratschmer, E. 76349
Thomson, N.R. *see* Rodger, C.J. 116914
Thomson, P. *see* Miller, J.F. 113868
Thomson, R.C. Micrograph analysis and image understanding 80607
Thomson, T., Riedi, P.C., Hickey, B.J. ^{59}Co nuclear magnetic resonance studies of the effect of annealing molecular beam epitaxy grown Co/Cu(111) multilayers 64379
Thomsons, E., Liepa, E. Physical and technical investigation of nuclear reactors in Latvia 121286
Thomy, A. *see* Dauscher, A. 113429
Thon, A., Kuech, T.F. High temperature adduct formation of trimethylgallium and ammonia 82586
Thone, E. *see* Sawillion, M. 102415
Thonemann, U.W. *see* Bolte, A. 82497
Thong, J.T.L. *see* Wong, W.K. 74795
Thonissen, M., Billat, S., Kruger, M., Luth, H., Berger, M.G., Frotscher, U., Rossow, U. Depth inhomogeneity of porous silicon layers 105652
Thonke, K. *see* Forster, M. 105349
Thonke, K. *see* Sternschulte, H. 82713
Thonstad, H. *see* Brynjarsson, B.A. 66138
Thony, P., Borel, C., Templier, R. Tm:Y_2SiO_5 and Tm:$SrY_4(SiO_4)_3O$ microchip lasers 107169
Thor, C.Y.B. *see* Hindkaer, L. 111907
Thordson, J. *see* Buyanov, A.V. 74258
Thorlby, J.P., Burr, A.G. Enhanced trellis decoding of short BCM based on Galois fields in ISI 76749
Thorn, C.A. Building expertise in high technology: new dynamics of R&D funding at U.S. research universities 92087
Thorn, R., Hancock, N.H., Sydenham, P.H. Measurement science versus measurement technology in engineering curricula of the 90's 72123
Thorn, R. *see* Lesniewski, P. 101608
Thornagel, R. *see* Rabus, H. 110624
Thornber, K.K. *see* Lei, X.L. 63057
Thorndahl, L. *see* Braun, H. 89667
Thorne, A.M. *see* Hadjiprocoplou, M. 110175
Thorne, P.D. *see* Shaobo Sun 111365
Thornell, G., Bexell, M., Schweitz, J.-A., Johansson, S. Design and fabrication of a gripping tool for micromanipulation 84651
Thornell, G. *see* Hjort, K. 74942
Thornes, C. *see* Canjea, S. 91841
Thornhill, L.D., Desai, P.V. Boundary region analysis in collisional plasmas 116836
Thornton, B. SCSI connectors close the EMI/RFI gap 109050
Thornton, C., Thomas, S. UltraSPARC-I BGA package design for high-yield surface-mount assembly 60624
Thornton, C. *see* Thomas, S. 60676
Thornton, C. *see* Thomas, S. 92240
Thornton, C.L. *see* Kursinski, E.R. 70484
Thornton, J.P. PV opportunities in the Federal sector 112357
Thornton, K., Nadadur, D.C., Ramesh, V., Xufei Liu, Xining Zhang, Bedekar, A., Haralick, R. Groundtruthing the RADIUS model-board imagery 67485
Thornton, R., Zou, Y., Tramontana, J., Hagerott Crawford, M., Schneider, R.P., Choquette, K.D. Visible (670 nm) vertical cavity surface emitting lasers with indium tin oxide transparent conducting top contacts 65241
Thornton, R. *see* Brennan, P. 70896
Thornton, R. *see* Zou, Y. 65330
Thornton, R.L. *see* Sun, D. 96302
Thornton, T.J., Matsumura, A., Fernandez, J. Negative magnetoresistance and electron-electron interaction in Si:SiGe quantum wells 105403
Thornton, T.J. *see* Matsumura, A. 62821
Thorogood, R.R. Law enforcement and mobile communications 78403
Thorp, D., Campbell, P., Wenham, S.R. Conformal films for light-trapping in thin silicon solar cells 91736
Thorp, J.S. *see* Phadke, A.G. 91214
Thorpe, D. *see* Wenham, S.R. 102999
Thorpe, E.T., Peters, R.K., III Adapting telecommunications: meeting special needs for special people 92063
Thorpe, J. *see* Adolph, C.E. 120602
Thorpe, J. *see* Grimaud, J. 101274
Thorpe, R.N. *see* Harris, J.B. 116846
Thorpe, S.C. *see* Baron, M.G. 69352
Thorpe, S.C. *see* Wallington, S.-A. 69068
Thorpe, S.L. *see* Weaver, M.S. 75753
Thorpe, T. Semiconductor technology development 103379
Thorsen, P. *see* Ives, D.J. 64682
Thorsteinsson, S., Gunnarsson, T., Gudmundsson, G., Tryggvason, G., Enge, P., Young, D., Sheynblat, L., Westfall, B., Daniell, C., Helgason, J.T. Iceland's network of differential GPS radiobeacons 68755
Thorsteinsson, S. *see* Enge, P. 88759
Thorup, M. Efficient preprocessing of simple binary pattern forests 67398
Thorup, N. *see* Juhl, M. 81806
Thorvaldsson, B., Arnlov, B., Saethre, E., Ohnstad, T. Joint operation HVDC/SVC 70849
Thorvaldsson, T. Methods for arbitrary interconnection of building blocks for SAW devices 106412
Thorvaldsson, T. *see* El Habti, A. 84755
Thorvaldsson, T. *see* El Habti, A. 106410

Thottuvelil, V.J., Verghese, G.C. Stability analysis of paralleled DC/DC converters with active current sharing 121767
Thouin, L. *see* Vedel, J. 95948
Thourel, P., Collet, C., Bouthemy, P., Perez, P. Multiresolution analysis and MRF modeling applied to the segmentation of shadows in sonar pictures 86807
Thouret, E. *see* Dautriche, D. 106218
Thouroude, D., Himdi, M., Daniel, J.P. Synthesis of microstrip or coaxially fed rectangular patch antennas 85970
Thouroude, D. *see* Cailloce, Y. 76577
Thrash, F.R., Jr. *see* Hesterlee, J.M. 70941
Thripuranei, J. *see* DeBrunner, V.E. 117435
Throckmorton, A.J. *see* Xipu Li 80536
Throckmorton, J., Batchelor, S. Intercast–enabling a mainstream broadcast medium for the personal computer 87739
Throwe, J. *see* Jacobsen, F.M. 84184
Thrush, C.M. *see* Heremans, J. 94553
Thrush, E.J. Controlled growth of InP/GaInAs(P) based structures by MOCVD 61210
Thrush, E.J. *see* Martin, R.W. 61207
Thu-Ji Lin *see* Hawley, R.A. 62036
Thual, L. *see* Deramecourt, P. 87716
Thue, W.A. Let's put field testing of cable in perspective 114355
Thue, W.A. *see* Clapp, A.L. 121195
Thue, W.A. *see* Landinger, C.C. 121196
Thuel, S.R. *see* Krishnaswamy, V. 87937
Thuemler, R.L. *see* Keir, P.D. 116249
Thukaram, B.D., Parthasarathy, K. Optimal reactive power dispatch algorithm for voltage stability improvement 111469
Thukaram, D. *see* Bansilal 80825
Thulasiraman, K. *see* Kaufmann, M. 73027
Thulasiraman, K. *see* Ramalingom, T. 87461
Thumann, A. *see* Jonuscheit, J. 116700
Thumim, J. *see* Tsang, R.S. 72927
Thumm, G. *see* Renz, K.W. 91098
Thumm, M. State-of-the-art of high power gyro-devices and free electron masers. Update 1995 94194
Thumm, M. *see* Dammertz, G. 105036
Thumm, M. *see* Piosczyk, B. 105037
Thumm, M. *see* Shi-Chang Zhang 83761
Thumm, M. *see* Wagner, D. 73633
Thumma, B. *see* Hossain, M. 93022
Thundat, T. *see* Welipitiya, D. 92873
Thune, W. The natural greenhouse effect–are 33°C a factual or fictitious value? 81195
Thunes, J.D. *see* Kerkman, R.J. 71328
Thur, W., Lauritzen, T. Surveying the a monument system at Lawrence Berkeley Laboratory's Advanced Light Source accelerator 100742
Thurai, M. *see* Eastment, J.D. 65842
Thurber, W.R. *see* Seiler, D.G. 79437
Thurgood, J.D. *see* Nale, D.K. 70549
Thuries, E., Dufournet, D. Recent evolution of high voltage SF_6 circuit breakers 81603
Thurlow, A.R. *see* Collins, J.V. 112941
Thurman, R.A. *see* Andrews, D.H. 120585
Thurman Henderson, H. *see* Betzner, T.M. 79354
Thurnhofer, S., Mitra, S.K. A general framework for quadratic Volterra filters for edge enhancement 77262
Thurnhofer, S., Mitra, S.K. Edge-enhanced image zooming 117572
Thurnhofer, S., Mitra, S.K. Detail-enhanced error diffusion 117757
Thurston, T.R., Jisrawi, N.M., Mukerjee, S., Yang, X.Q., McBreen, J., Daroux, M.L., Xing, X.K. Synchrotron X-ray diffraction studies of the structural properties of electrode materials in operating battery cells 91714
Thurston, T.R. *see* Wilcoxon, J.P. 120249
Thurston, T.R. *see* Yuan-Liang Wang 64509
Thurtell, G.W. *see* Wagner-Riddle, C. 70521
Thust, H. *see* Muller, J. 93940
Thuswald, M. *see* Gruber, T. 82141
Thut, R. *see* Schefer, J. 69680
Thutupalli, G.K.M. *see* Kumar, S.A. 85237
Thwaites, C. *see* Catford, W.N. 69884
Thwaites, J.H., Rafferty, M.W., Gray, N., Black, J., Stock, B. A patient dose survey for femoral arteriogram diagnostic radiographic examinations using a dose-area product meter 70279
Thwaites, M.J. *see* Reehal, H.S. 81894
Thy-Sheng Lin *see* Tzyh-Yi Sun 80391
Thyagarajan, T. *see* Rangaswamy, T.R. 121345
Thylen, L. Switching and routing in photonic networks 78763
Thylen, L. *see* Omling, P. 63807
Thylen, L. *see* Palm, T. 73207
Thylen, L. *see* Schiess, M. 88536
Thym, J. Test set for electronic controls in motor vehicles 99836
Ti Zhaoxu A comparison of identification methods for power load models 80752
Ti Zhaoxu *see* Xiong Gang 121043
Ti-Ing Su, Likarn Wang A cutback method for measuring low linear fibre birefringence using an electro-optic modulator 116043
Tian, D. A software architecture supporting CMIP management information bases of ATM switches 88025
Tian, E. *see* Zimmermann, F. 89651
Tian, F. *see* Adolphsen, C. 89648
Tian, F. *see* Bane, K. 89979
Tian, F. *see* Decker, F.-J. 100596
Tian, F. *see* Lee, N.-E. 92709
Tian, F. *see* Villa, M. 79282
Tian, H., Lee, J.J.K. Effect of disk surface contours on head flyability 106609
Tian, H.J., Kuang, J.X. The stability analysis of the θ-methods for delay differential equations 92613
Tian, J., Chen, C.-Z., Chen, C.-C., Seetharaman, G. Image data compression methodologies using discrete wavelets 87168
Tian, M., Wada, T., Wang, L., Sasabe, H. Synthesis and characterization of binuclear phthalocyanine 85624
Tian, M. *see* Ratsep, M. 96831
Tian, M. *see* Tran, D.P. 66056
Tian, M.B. *see* Sun, D.C. 61275
Tian, S., Yang, S.H., Morris, S., Parab, K., Tasch, A.F., Kamenitsa, D., Reece, R., Freer, B., Simonton, R.B., Magee, C. The effect of dose rate on ion implanted impurity profiles in silicon 94694
Tian, T.Y., Shah, M. Motion estimation and segmentation 86335
Tian, W., Shao, H.M., Zhu, J.S., Wang, Y.N. Depinning lines of Fe- and Pb-doped high-T_c superconductors $HgBa_2Ca_2Cu_3O_{8+y}$ 115887
Tian, X.-L., Karjalainen, M. Application of radial basis function networks to model time-varying AR process 86290
Tian, X.-L., Karjalainen, M. Estimation of glottal source waveforms from speech signal using orthogonal search method 97591
Tian Bin *see* Bin Tian
Tian Feng, Zhao Hong, Chen Wenyi, Zhou Jian, Tan Yushan A novel unwrapping method for three-dimensional profilometry 119870
Tian Feng *see* Feng Tian
Tian Giam Siang *see* Giam Siang Tian
Tian Hong *see* Hong Tian
Tian Hong-Jiong, Kuang Jiao-Xun The numerical stability of linear multistep methods for delay differential equations with many delays 82547
Tian Honghai *see* Li Ming 62348
Tian Jie, Yin Jianhua, Han Zhenxiang Investigations of the firing control scheme and dynamic response of a thyristor-controlled series capacitor 112111
Tian Jun *see* Jun Tian
Tian Lijian *see* Tang Renyuan 71394
Tian Lilin *see* Fu Jun 105965
Tian Lisheng *see* Zhang Xiaoping 97827
Tian Liu *see* Feleppa, E.J. 90372
Tian Mingliang *see* Mingliang Tian
Tian Minquan *see* Minquan Tian
Tian Mu *see* Mu Tian
Tian Nailiang, Zhang Qiguang On mechanism of laser welding of cemented carbides and steel 96854
Tian Peng, Wang Huanchen, Zhang Dongmo A stochastic Tabu search strategy and study on its global convergence 72561
Tian Qi *see* Qi Tian
Tian Qian, Zhang Enyao Multiplexing optical fiber displacement sensor based on heterodyne interference with frequency-modulated laser diode 79487
Tian Shixiang *see* Wu Futian 100082
Tian Tian *see* Deng Youman 121105
Tian Tian *see* Tian Tian
Tian Xiaopeng *see* Sun Dewen 118230
Tian Ying-li *see* Ying-li Tian
Tian Zhaodi *see* Zhaodi Tian
Tian Zhencai *see* Fan Weibing 80586
Tian Zhiguang *see* Sang Zaizhong 81142
Tian Zhong-Zhuo *see* Zhong-Zhuo Tian
Tian-Bing Xu *see* Bo-Rong Shi 105548
Tian-Chyi Liang *see* Hong-Tzer Yang 80956
Tian-Fang Cai *see* Shou-Wan Kang 75543
Tian-Hu Yu *see* Jian Zhang 67988
Tian-Hu Yu *see* Jian Zhang 76887
Tian-Hua Liu Design and analysis of a resonant DC-link inverter feeding a permanent magnet synchronous motor 71739
Tian-Hua Liu A new control method and reliability improvement for a switched reluctance motor drive 112437
Tian-Hua Liu, Chih-Ying Lin, Jin-Shyr Yang, Wen-Yao Chang Modeling and performance of a static frequency converter starting a 300 MVA synchronous machine 111909
Tian-Hua Liu, Ming-Tsan Lin A fuzzy sliding-mode controller design for a synchronous reluctance motor drive 91479
Tian-Shu Lai *see* Yu-Chuan Chen 116582
Tian-Tsair Su, Po-Chiun Huang, Chung-Ju Chang A channel borrowing protection scheme for handoffs in a cellular-based PCS system 68275
Tian-Ying Li, Chang-Chun Zhu, Yao-Guo Xue, Sheng-Liang Zhang, Qian-Yu Zhang A novel method for fabricating large area metal field emission cathode arrays 74010
Tiana, C., Pavel, M., Ahumada, A.J., Jr. Enhancing displays by blurring 90713
Tianbao Xie, Mackie, W.A., Davis, P.R. Field emission from ZrC films on single emitters and emitter arrays 74042
Tianbao Xie *see* Mackie, W.A. 104994
Tiancai Zhang *see* Zhang Tiancai
Tianchun Ye, Ye Xunchun, Xiaoming Li Plasma etching damage to InGaAs/InP 2DEG material 84492
Tianchun Ye *see* Xunchun Li 94855
Tiande Guo, Shiquan Wu Properties of primal interior point methods for QP 82480
Tianfu Liu *see* Liu Tianfu
Tiangco, R.P. *see* Davis, J.A. 98009
Tianju Yang *see* Yang Tianju
Tianjuh Yang *see* Yang Tianjuh
Tianlu Yang *see* Yang Tianlu
Tianming Kong *see* Kong Tianming
Tianning Zhang, Covaci, S. The semantics of network management information 87597
Tianpeng Xiao *see* Xiao Tianpeng
Tianquan Deng CAD model for coplanar waveguide synthesis 114328
Tianquan Deng Use of the field-iteration method in studying the three-dimensional phased array for electromagnetic hyperthermia 120493
Tianquan Lu *see* Lu Tianquan
Tianrong Zhou *see* Zhou Tianrong
Tianshu Lai, Weizhu Lin Effective implementation of subtraction holography for noise suppression in particle fields 96803
Tianshu Lai *see* Lai Tianshu
Tianshu Zhang, Yusheng Shen, Ruifang Zhang, Xingqin Liu Ammonia-sensing characteristics of Pt-doped $CdSnO_3$ semiconducting ceramic sensor 100158
Tianshu Zhou *see* Zhou Tianshu
Tianshuang Qiu, Hongyu Wang An Eckart-weighted adaptive time delay estimation method 108318
Tianshui He *see* Kangsheng Chen 62618
Tianwen Zhang *see* Zhang Tianwen
Tianxin Cheng *see* Cailan Xiang 84534
Tianxiong Xue, Kuh, E.S., Qingjian Yu A sensitivity-based wiresizing approach to interconnect optimization of lossy transmission line topologies 62528
Tianxiong Xue *see* Xianlong Hong 83057
Tianxu Jia *see* Jia Tianxu
Tianxu Zhang *see* Guoyou Wang 67386
Tianxu Zhang *see* Nong Sang 66915
Tianxu Zhang *see* Zhang Tianxu
Tianxue Zheng *see* Zheng Tianxue
Tiao-Yuan Huang *see* Horng-Chih Lin 105620
Tiba-Ghigea, M. *see* Cistelecan, M. 121476
Tibarius, C.C.J.M. *see* De Jonge, P.J. 79061
Tibbals, S. Air-sprayed mask [PCB soldering] 94051
Tibell, G. *see* Ringbom, A. 69874
Tibell, G. *see* Ringbom, A. 80134
Tiberghien, J. *see* Liu, W. 78277
Tiberi, M. *see* Della Santa, A. 120474
Tiberio, R. *see* Capalino, F. 97280
Tiberio, R. *see* Maci, S. 65758
Tiberio, R.C. *see* Bieber, A.E. 95748
Tiberio, R.C. *see* Zhang, J.P. 85522
Tiberto, P., Vinai, F., Allia, P., Knobel, M. Giant magnetoresistance in melt-spun granular $Cu_{100-x}Co_x$ alloys with correlated magnetic moments 115552
Tiberto, P. *see* Appino, C. 64211
Ticar, I. *see* Preis, K. 103326
Tichatschke, R. *see* Kaplan, A. 60905
Tichatschke, R. *see* Kaplan, A. 72539
Tichatschke, R. *see* Kaplan, A. 82484
Tichavsky, P. *see* Handel, P. 117519
Tichelen, P.Van *see* Van Tichelen, P.
Tichenor, D.A. *see* Sweatt, W.C. 96835
Tichy, M. *see* Sicha, M. 113494
Tichy, W.F. *see* Lukowicz, P. 84953
Tiday, N. *see* Khare, J. 104495
Tidblad, S. *see* Touma, M. 91383
Tidestav, C., Ahlen, A., Sternad, M. Narrowband and broadband multiuser detection using a multivariable DFE 88361
Tidlund, P. *see* Ramvall, P. 105339
Tidrow, M.Z., Choi, K.K. Multi-color detection using asymmetric coupled quantum wells or a voltage tunable bandpass filter 69172
Tidrow, M.Z. *see* Jung-Chi Chiang 119681
Tie, J.J. *see* Quagliano, J.R. 110427
Tie Gao *see* Gao Tie
Tie Jincheng, Xu Xiaoming, Cheng Jiabin, Zhang Zhongjun Studies on the application of the multimedia technique in industrial monitoring control 108303
Tie Liu, Yuemin Cai, Haige Xiang On the diversity reception techniques in multicarrier frequency-diversity spread spectrum multiple access system 118796
Tie Wei *see* Wei Tie
Tie-Jun Shan Broadband access in multimedia communications for LAN environment 118510
Tiebout, M. *see* Haas, M. 109868
Tiebout, M. *see* Thewes, R. 113783
Tiec, Y.Le *see* Le Tiec, Y.
Tiede, M.A. *see* Fletcher, N.R. 69877
Tiedemann, E.G., Jr An overview of the CDMA PCS system 68169
Tiedemann, E.G., Jr. An overview of the CDMA PCS system 118849
Tiederle, V. Reliability prediction of wire bonding 114462
Tiedje, T. *see* Ritchie, S. 61187
Tiedje, T. *see* Van Buuren, T. 62672
Tiee, J.J. *see* MacKerrow, E.P. 109804
Tiee, J.J. *see* Petrin, R.R. 110428
Tiee, J.J. *see* Petrin, R.R. 111116
Tieer Gu *see* Young Byun 63707
Tieer Gu *see* Young Hee Byun 63659
Tiefenback, M. *see* Karn, J. 89944

Tiefenback, M.G., Rui Li Survey and analysis of line-frequency interference in the CEBAF accelerator 100706
Tieger, D. *see* Jacobs, K. 79916
Tiejun, C., Changhong, L. Analytical theory to reflection of electromagnetic waves from inverse square profile 76387
Tiejun Hua *see* Hua Tiejun
Tiejun Li *see* Li Tiejun
Tiejun Yu, Xuexia Zhang, Baoxin Gao, Peiheng Wu The current distribution of high-Tc superconducting microstrip lines 95622
Tielemans, L. *see* Gregoris, G. 112862
Tielert, R. *see* Hierold, C. 74934
Tielin Shi *see* Shi Tielin
Tielker, U. Automation of applications of winding 121964
Tiemeijer, L.F., Thijs, P.J.A., van Dongen, T., Binsma, J.J.M., Jansen, E.J. Polarization resolved, complete characterization of 1310 nm fiber pigtailed multiple-quantum-well optical amplifiers 76024
Tiemeijer, L.F., Thijs, P.J.A., van Dongen, T., Binsma, J.J.M., Jansen, E.J. Noise figure of saturated 1310-nm polarization insensitive multiple-quantum-well optical amplifiers 76036
Tiemeijer, L.F., Thijs, P.J.A., van Dongen, T., Binsma, J.J.M., Jansen, E.J. Self-phase modulation coefficient of multiple-quantum-well optical amplifiers 76037
Tiemeijer, L.F., Thijs, P.J.A., van Dongen, T., Binsma, J.J.M., Jansen, E.J., Walczyk, S., van den Hoven, G.N., Pennings, E.C.M. High-gain, high-power 1550-nm polarization independent MQW optical amplifier 96385
Tiemeijer, L.F. *see* Mutalik, V.G. 107252
Tiemeyer, B., Cannon, M.E., Lachapelle, G., Schanzer, G. High precision aircraft navigation using GPS L1 carrier-wave measurements 79081
Tiemin Mei *see* Mei Tiemin
Tiemin Zhao *see* Zhao Tiemin
Tiemin Zhau *see* Zhau Tiemin
Tien, A.-C., Kane, S., Squier, J., Kohler, B., Wilson, K. Geometrical distortions and correction algorithm in single-shot pulse measurements: application to frequency-resolved optical gating 79742
Tien, D. *see* Venkataram, S. 115092
Tien, N.C., Kiang, M.-H., Daneman, M.J., Solgaard, O., Lau, K.Y., Muller, R.S. Actuation of polysilicon surface-micromachined mirrors 95237
Tien, N.C., Solgaard, O., Kiang, M.-H., Daneman, M., Lau, K.Y., Muller, R.S. Surface-micromachined mirrors for laser-beam positioning 85550
Tien, N.C. *see* Daneman, M.J. 106256
Tien, N.C. *see* Fushinobu, K. 74670
Tien An-Chun *see* An-Chun Tien
Tien Chia Liang *see* Liang Tien Chia
Tien Lo Chia *see* Chia Tien Lo
Tien Nguyen Nam *see* Nam Tien Nguyen
Tien Pham, Sadler, B.M. Acoustic tracking of ground vehicles using ESPRIT 101633
Tien Pham, Sadler, B.M. Adaptive wideband aeroacoustic array processing 117504
Tien Pham *see* Manfai Fong 101656
Tien Sheng Chao *see* Yung Hao Lin 74489
Tien-Chien Lee *see* Shi-Yu Huang 82849
Tien-Chien Lee, M. *see* Chih-Chang Lin 73231
Tien-Chien Lee Mike *see* Mike Tien-Chien Lee
Tien-Chih Chang *see* Shou-Zen Chang 61169
Tien-Hsin Chao *see* Wright, J. 88741
Tien-Yih Lin *see* Ming-Jer Kao 95036
Tien-You Lee, Cheng, H.D. Fuzzy entropy approach for grading of venous beading 80220
Tienari, M. *see* Alanko, T. 118361
Tiensuu, S., Soderbarg, A., Svedberg, P. MUCH–a MOS-like switch for smart power 63667
Tiepermann, K.D. CDMA signals: A challenge for power amplifiers 113782
Tierang Liu *see* Liu Tierang
Tierney, B.L., Johnston, W.E., Lee, J.R., Hoo, G. Performance analysis in high-speed wide area IP-over-ATM network: top-to-bottom end-to-end monitoring 67795
Tierney, L. *see* Vynckier, C. 72464
Tierock, B. *see* Kruger, B. 74500
Tiersten, H.F., Lwo, B.J., Dulmet, B. Transversely varying thickness modes in trapped energy resonators with shallow and beveled contours 95328
Tiesinga, P.H.E. *see* van Himbergen, J.E. 95466
Tietz, L.A. *see* Williams, D.H. 64681
Tietzel, K., Bourenkov, A., Lorenz, J., Ryssel, H. Three-dimensional simulation of ion implantation 94688
Tietzel, K. *see* Lorenz, J. 74817
Tiexia, H. *see* Wenge, C. 79011
Tiexia Huang *see* Huang Tiexia
Tiezheng Liu *see* Liu Tiezheng
Tigan, S., Stancu-Minasian, I.M. Methods for solving stochastic bilinear fractional max-min problems 82476
Tigelis, J. *see* Tiunov, A.V. 90026
Tigges, K.D., Leisse, A., Lasthaus, D., Streffing, M. The development of pollutant-free pulverized fuel combustion systems 102411
Tighe, R., Corredoura, P. RF feedback simulation results for PEP-II 100602
Tighe, R. *see* Corredoura, P. 100604
Tiginyanu, I.M., Miao, J., Hartnagel, H.L., Ruck, D., Tinschert, K., Ursaki, V.V., Ichizli, V.M. Raman and electrical characterization of n-InP implanted by 630-keV nitrogen 105558
Tiginyanu, I.M., Ursaki, V.V., Podor, B., Csontos, L., Shontya, V.P. Raman scattering analysis of InGaAs/InP: effect of rare earth (dysprosium) addition during liquid phase epitaxial growth 103908
Tiginyanu, I.M. *see* Favaro, M.L. 105185
Tigner, M. *see* Crawford, C. 79853
Tigner, M. *see* Hartung, W. 90028
Tigner, M. *see* Padamsee, H. 100471
Tignon, J., Voisin, P., Wainstain, J., Delalandel, C., Voos, M., Houdre, R., Oesterle, U., Stanley, R.P. Semiconductor microcavity under magnetic field: from the weak coupling to the strong coupling regime 63034
Tiigimagi, E. *see* Meldorf, M. 101862
Tiikkainen, J. *see* Kaikkonen, P. 80598
Tiiliharju, E. *see* Porra, V. 118915
Tiitinen, P., Surandra, M. The next generation motor control method, DTC direct torque control 111946
Tiitta, A.T. *see* Maayouf, R.M.A. 69871
Tiitta, A.T. *see* Tanner, V.V. 71078
Tijburg, R. *see* Buijs, M. 75946
Tijs, S. *see* Van den Nouweland, A. 77771
Tikhinsky, G.F. *see* Sverdlov, V.Ya. 95419
Tikhinsky, G.F. *see* Sverdlov, V.Ya. 95569
Tikhodeev, N.N. Selection and dimensioning of bundle conductors and towers for EHV and UHV DC overhead transmission lines 70934
Tikhodeev, N.N. The application of statistical methods of insulation coordination to the problems of UHV overhead transmission line maintenance 102190
Tikhodeev, N.N. *see* Filippov, A.A. 81613
Tikhodeev, N.N. *see* Vishnevsky, Yu.I. 115440
Tikhodeev, S.G. *see* Kovalev, D. 94269
Tikhomirov, A.V. *see* Cribier, M. 110538
Tikhomirov, S.A. *see* Volkov, L.V. 73704
Tikhomirova, M.P. *see* Gulyaev, Yu.V. 101611
Tikhonenko, O.M. An analog of Little's formula for queueing systems with nonhomogeneous tasks 113079
Tikhonenko, V., Akhmediev, N.N. Excitation of vortex solitons in a Gaussian beam configuration 65531
Tikhonenko, V., Christou, J., Luther-Davies, B. 3D spatial soliton collision and fusion 76139
Tikhonenko, V., Christou, J., Luther-Davies, B., Kivshar, Y.S. Creation of vortex pairs via transverse instability of dark solitons 76134
Tikhonenko, V., Christou, J., Luther-Davies, B., Kivshar, Y.S. Observation of vortex solitons created by the instability of dark soliton stripes 96658
Tikhonov, A.I. *see* Kazakov, Yu.B. 121503
Tikhonov, O.A., Borodin, S.M. Estimating the efficiency of a distributed computer network 67789
Tikhonov, S.K. *see* Davydov, S.Yu. 62692
Tikhonov, S.K. *see* Davydov, S.Yu. 74264
Tikhonov, S.K. *see* Davydov, S.Yu. 105480
Tikhonov, V.A. *see* Veremeenko, K.K. 109831
Tikhonov, V.V. *see* Braunschweig, W. 120173
Tikhonovsky, M.A. *see* Sverdlov, V.Ya. 95419
Tikhonovsky, M.A. *see* Sverdlov, V.Ya. 95569
Tikhonravov, A.V., Trubetskov, M.K., DeBell, G.W. Application of the needle optimization technique to the design of optical coatings 116179
Tikhonravov, A.V. *see* Popov, K.V. 85243
Tikkanen, T., Huovelin, J. Transmission properties of the X-ray window for the SIXA spectrometer 120245
Tikotskii, A.E. *see* Braun, A.E. 71943
Tilak, A.S. *see* Leupold, H.A. 64482
Tilav, S. *see* Bird, D.J. 110586
Tilborg, H.C.A.van *see* van Tilborg, H.C.A.
Tilkemeier, P. *see* Zhidong Lu 101106
Tilki, P. *see* Pashevich, V.I. 121292
Till, R.D., Wullschleger, V. Navigating into the 21st century 79025
Tillack, B. *see* Ehwald, K.-E. 82665
Tiller, D.K., Newsham, G.R. Switch off your office equipment and save money 82018
Tiller, W. *see* Piegl, L. 82523
Tillerot, F., Hui Bon Hoa, D., Auffret, R., Claveau, G. Cascadability of all-optical cross connects based on wavelength conversion 88050
Tillert, T., Zimnas, P., Renk, K.F. Partly tunable mid-infrared NH_3 laser 75796
Tilles, D. *see* Street, A.J. 84927
Tillett, J. VXIbus embedded PC based data acquisition 79269
Tilley, D.R. *see* Schmid, G.J. 120215
Tilley, K.J., Williams, D.J., Conway, P.P. Design and manufacture by foreign electronics multinationals in Singapore and Taiwan: product responsibilities in a global environment 60534
Tillich, J.-P. *see* Sole, P. 108187
Tillis, L.S., Williams, C.W., Jr. Voltage sag investigation and mitigation in an electronics manufacturing plant 71935
Tillman, C. *see* Gratz, M. 101220
Tillo, J. Application of weighted linear regression to capacitor modeling 93954
Tillotson, D.H. *see* Stead, R.P. 70359
Tilmans, H.A.C. *see* Bienstman, J. 88981
Tilmans, H.A.C. *see* Gardeniers, J.G.E. 113438
Tilton, B. *see* Beeler, C.J. 90795
Tilton, J.C. Hybrid image segmentation for Earth remote sensing data analysis 111138
Tilton, J.C., Manohar, M. Radiometric resolution enhancement by lossy compression as compared to truncation followed by lossless compression 70435
Tilton, J.C. *see* Manohar, M. 120910
Tilton, J.C. *see* Short, N.M., Jr. 66951
Tilton, M. *see* Dolny, G. 69396
Tilton, M. *see* Martin, R.A. 110298
Tilton, M.L. *see* Dente, G.C. 96246
Tilton, M.L. *see* Meyer, J.R. 65259
Tilton, M.L. *see* Ongstad, A.P. 107307
Timans, P.J. The thermal radiative properties of semiconductors 83783
Timans, P.J. *see* Srinivas, T.A.S. 89086
Timberlake, G.T. *see* Stetter, M. 80340
Timbie, P.T. *see* Kowitt, M.S. 99705
Timbrell, P.Y. *see* Puchert, M.K. 92826
Timcak, G.M., Kosc, P., Panko, J. The use of Internet, quasi-multimedial and multimedial educational systems at the Technical University Kosice 112786
Timchenko, B.A. *see* Bagayev, S.N. 96113
Timchenko, B.A. *see* Zakhar'yash, V.F. 85380
Time, T.R. *see* Carlsen, T.H. 81000
Timkin, V.V. *see* Briancon, C. 69880
Timkin, V.V. *see* Brudanin, V.B. 110622
Timm, N.H. Multivariate quality control using finite intersection tests 82311
Timme, H.-J. *see* Stengl, R. 63330
Timmer, C. *see* Carlsten, B.E. 89710
Timmering, C.E. *see* Hueting, R.J.E. 84318
Timmering, C.E. *see* Hueting, R.J.E. 105894
Timmermans, A.J.M., Hulzebosch, A.A. Computer vision system for on-line sorting of pot plants using an artificial neural network classifier 77236
Timmermans, C. *see* Cushman, P. 110590
Timmermans, C.J. *see* de Leeuw, R.W. 100710
Timmermans, C.J. *see* de Leeuw, R.W. 100711
Timmermans, C.J. *see* Kemper, A.H. 102852
Timmermans, C.J. *see* Theuws, W.H.C. 100626
Timmermans, J.C.M. *see* Witteman, W.J. 116365
Timmoneri, L. *see* Farina, A. 68579
Timmoneri, L. *see* Farina, A. 101655
Timmoneri, L. *see* Kapteijn, P. 99663
Timmons, M.L. *see* Venkatasubramanian, R. 112379
Timmons, R.B. *see* Wu, B.-G. 89345
Timms, G.P., Brand, G.F. Millimeter-wave measurements of phase transitions in thiourea using a gyrotron 64081
Timms, J. Step-by-step SMT: Solutions for today. VI. Component placement 83613
Timms, K. *see* Acerbi, E. 95534
Timo, G., Flores, C., Campesato, R., Passoni, D., Bollani, B. Growth and characterization of high efficiency GaAlAs/GaAs/Ge solar cells 61266
Timofeev, A.A. *see* Bovina, L.A. 99985
Timofeev, A.A. *see* Bovina, L.A. 99987
Timofeev, E.A. *see* Mamatov, Yu.A. 62097
Timofeev, E.A. *see* Mamatov, Yu.A. 73600
Timofeev, E.E., Vallinkoski, M.K., Inhester, B., Greenwald, R.A. The effect of radar sensitivity on auroral backscatter threshold parameters 78976
Timofeev, F.N., Bayvel, P., Churin, E.G., Midwinter, J.E. 1.5 μm free-space grating multi-demultiplexer and routing switch 88058
Timofeev, F.N., Gurevich, S.A., Smirnitskii, V.B., Gladysheva, L.B., Yavich, B.S., Usikov, A. Application of low-defect reactive ion etching in Cl_2:BCl_3 plasma in combination with overgrowth for formation of GaAs/AlGaAs submicrometre structures 63319
Timofeev, F.N., Midwinter, J.E., Bayvel, P., Churin, E.G., Sokolskii, M.N. Free-space grating demultiplexer for densely-spaced, subnanometer wavelength-routed optical networks 68449
Timofeev, F.N., Smirnitskii, V.B., Gurevich, S.A., Tanklevskaya, E.M., Scopina, V.I., Lavrova, O.A., Mikhailov, V.N. Study of quantum well wires of different widths produced by reactive ion etching and anodic oxidation 63320
Timofeev, M.K. *see* Gushchin, E.M. 120218
Timofeev, V.B., Kirpichev, V.E., Kukushkin, I.V., Filin, A.I., Zhitomirskii, V.E. Spin relaxation of photoexcited electrons and holes in GaAs/AlGaAs single heterojunction 62798
Timofeev, V.I., Fan Khong Fyong Procedure of modelling nonlinear modes of the amplifier operation on submicron SFET 104811
Timofeev, V.V. *see* Filippov, N.V. 110637
Timofeyev, S.V. *see* Anapolsky, L.Yu. 120953
Timofyeev, V., Khristinitch, R., Boyakov, S., Ribakov, S. Methods of boundary collocations and media properties digitization for electromagnetic field calculation 107724
Timoney, A. Clinical experience of transurethral resection of the prostate using robotic aid 101401
Timoshenko, V.Y. *see* Kashkarov, P.K. 74113
Timoshenko, V.Yu., Gareeva, A.R., Kashkarov, P.K., Petrov, V.I., Sieber, I., Dittrich, T. Stable and efficient cathodo- and photoluminescence from ultrathin porous silicon layers 94314
Timoshenko, V.Yu., Kashkarov, P.K., Matveeva, A.B., Konstantinova, E.A., Flietner, H., Dittrich, T. Influence of photoluminescence and trapping on the photovoltage at the por-Si/p-Si structure 94299
Timoshenko, V.Yu. *see* Dittrich, T. 94599
Timoshenko, V.Yu. *see* Konstantinova, E.A. 94309
Timoshenko, V.Yu. *see* Prudnikov, R.V. 105454
Timossi, C. *see* Nishimura, H. 89936

Timothy, K.I. *see* Sharma, S. 107886
Timotjevic, D. *see* Leonardy, J. 116728
Timperman, J. *see* Verhoeve, P. 69230
Timsit, R.S. *see* Schindler, J.J. 104924
Timus, C.A., Medianu, R.V., Georgescu, C., Georgescu, G. Some results in laser optics 76322
Tin, C.C. *see* Feng, Z.C. 72779
Tin, C.C. *see* Lang, M. 105883
Tin, S., Erkmen, I. Short-term load forecasting using unsupervised/supervised cascaded artificial neural networks 102027
Tin, S. *see* Erkmen, I. 80776
Tin, T. *see* Pavlou, G. 108958
Tin Dang Thanh *see* Dang Thanh Tin
Tin Huu Bui *see* Bui Tin Huu
Tin Lam *see* Van Tran, H. 73587
Tin-Su Pan, Der-Shan Luo, King, M.A. Design of an efficient 3-D projector and backprojector pair for SPECT 80230
Tin-Su Pan *see* Glick, S.J. 69947
Tinazzi, M., Zanette, G., Fiaschi, A., Mauguiere, F. Effect of stimulus rate on the cortical posterior tibial nerve SEPs: a topographic study 90520
Tind, J. *see* Christensen, F. 82385
Tindall, C.E., Martin, J.P., Morrow, D.J., Calvert, P.A.J. Transient characteristics of small salient-pole alternators 111929
Tindall, C.E., Mingzhou Xu Optimising a Wells-turbine-type wave energy system 111833
Tindall, C.E. *see* Martin, J.P. 112014
Tindall, C.E. *see* Mingzhou Xu 91385
Tindall, C.E. *see* Morrow, D.J. 71265
Tindall, C.E. *see* Xu, M. 91386
Tindell, K., Burns, A., Wellings, A. Calculating controller area network (CAN) message response times 98730
Tindell, L. *see* Larson, L.R. 83549
Tindle, J., Brewis, S.J., Ryan, H.M. Advanced simulation and optimisation of the telecommunications network 67612
Tindle, J. *see* Paul, H. 67963
Tindle, J. *see* Wong, K.C.P. 101665
Tine, G. *see* Abbate, M. 120543
Ting, A., Fischer, R., Fisher, A., Moore, C.I., Hafizi, B., Elton, R., Krushelnick, K., Burris, R., Jackel, S., Evans, K., Weaver, J.N., Sprangle, P., Esarey, E., Baine, M., Ride, S. Demonstration experiment of a laser synchrotron source for tunable, monochromatic X-rays at 500 eV 96478
Ting, A. *see* Esarey, E. 79767
Ting, C.H. *see* Zhao, B. 84213
Ting, D.Z.-Y., McGill, T.C. Monte Carlo simulation of light-emitting diode light-extraction characteristics 85311
Ting, D.Z.-Y. *see* Liu, Y.X. 114685
Ting, D.Z.-Y. *see* Marquardt, R.R. 74683
Ting, H.-C., Hang, H.-M. Spatially adaptive interpolation of digital images using fuzzy inference 86535
Ting, H.F., Wong, W.H., Yau, M.H. An efficient algorithm for optimal linear broadcast routing with capacity constraints 108876
Ting, J. *see* Kameda, T. 118092
Ting, L., Qi-Zhong Hong, Wei-Yung Hsu Reduction in flux divergence at vias for improved electromigration in multilayered AlCu interconnects 114985
Ting, M.K. *see* Schinagl, R.M. 120383
Ting, P.-Y. *see* Lin, C.-H. 76867
Ting, Y. *see* Hebert, T.J. 101290
Ting Chen *see* Chen Ting
Ting Guo, Chen, D.Y., Lee, F.C. Separation of the common-mode- and differential-mode-conducted EMI noise 71492
Ting H Lee *see* Lee Ting H
Ting Hwang Ting *see* Ting Ting Hwang
Ting Shih-Chan *see* Shih-Chan Ting
Ting Ting Hwang *see* Chau-Shen Chen 83072
Ting Wang *see* Yao Li 88554
Ting Wang *see* Yao Li 106799
Ting Yuan-Tzu *see* Yuan-Tzu Ting
Ting-Chang Chang, Wen-Kuan Yeh, Chun-Yen Chang, Tz-Guei Jung, Wen-Chung Tsai, Guo-Wei Huang, Yu-Jane Mei Disordered Si/SiGe superlattices grown by ultrahigh vacuum chemical vapor deposition 61324
Ting-Chang Chang, Wen-Kuan Yeh, Ming-Yuh Hsu, Chun-Yen Chang, Chien-Ping Lee, Tz-Guei Jung, Wen-Chung Tsai, Guo-Wei Huang B, Yu-Jane Mei B Light emission from the porous boron δ-doped Si superlattice 64906
Ting-Chang Chang *see* Wen-Kuan Yeh 74691
Ting-Chung Poon, Ming Hsien Wu, Shinoda, K., Suzuki, Y. Optical scanning holography 65548
Ting-Chung Poon *see* Banerjee, P.P. 85156
Ting-Chung Poon *see* Doh, K.B. 85773
Ting-Chung Poon *see* Dunn, D.B. 66959
Ting-Chung Poon *see* Dunn, D.B. 95892
Ting-Chung Poon *see* Jiangang Xia 86344
Ting-Huang Lin *see* Po-Tao Chu 105674
Ting-Huei Lin *see* Hung-Chun Chang 116041
Ting-jie Zhao, Chao-yang Tu, Zun-du Luo Experimental study of Nd^{3+}:KGd(WO$_4$)$_2$ laser pumped by laser diode 65160
Ting-Kai Qin *see* Qin Ting-Kai
Ting-Kuang Chiang, Agrawal, S.K., Mayweather, D.T., Sadot, D., Barry, C.F., Hickey, M., Kazovsky, L.G. Implementation of STARNET: a WDM computer communications network 77944
Ting-Kuang Chiang, Kagi, N., Marhic, M.E., Kazovsky, L.G. Compensation of cross-phase modulation in periodically amplified CPFSK optical communication systems 68401
Ting-Kuang Chiang *see* Marhic, M.E. 75838
Ting-Li Ling, Shroff, N. Scheduling real-time traffic in ATM networks 87304
Ting-Lian Wen, Sammes, N., Yamamoto, O. Ln(Pr, Nd, Sm, Gd, Yb and Y) manganite cathode materials for SOFC applications 81796
Ting-Ting Y. Lin *see* Lillis, J. 95121
Ting-Yi Sung *see* Chun-Nan Hung 60872
Tingao Tang *see* Aizhen Li 84024
Tingao Tang *see* Zheng Chen 84726
Tingay, T. The attractions of giant magnetoresistance sensors 115860
Tingbu Wang *see* Wang Tingbu
Tinger, A. *see* Michalski, J.M. 70219
Tinggen Shen *see* Shen Tinggen
Tinggui Feng *see* Feng Tinggui
Tingkai Qin *see* Qin Tingkai
TingTing Hwang *see* How-Rern Lin 63940
TingTing Hwang *see* Kuo-Hua Wang 113889
TingTing Hwang *see* Shih-Chieh Chang 113911
Tinguely, E. *see* Schaedeli, U. 105787
Tingwu Wang, Haige Xiang System capacity and power control of satellite mobile communication 119111
Tingye Li *see* Giles, R. 78664
Tingyu Lin *see* Tay, A.A.O. 72287
Tingzhang Deng *see* Gang Zhou 82748
Tinham, B. Turning noise into process knowledge 97828
Tinham, B. Good calibrations? Emulation is the key 99958
Tinkey, L. *see* Takayanagi, T. 73424
Tinkham, M. *see* Itzler, M.A. 75346
Tinkham, M. *see* Ralph, D.C. 106106
Tinkle, E.C. *see* Krebs, W.K. 90705
Tinney, G.S. *see* Jackson, D.J. 77392
Tinniswood, A.D., Excell, P.S. On the use of parallel finite-difference time-domain methods in the modelling of bioelectromagnetic problems 90644
Tinniswood, A.D., Excell, P.S., Hargreaves, M., Whittle, S., Spicer, D. Parallel computation of large-scale FDTD problems 65811
Tinschert, K., Rueck, D.M., Emig, H., Leible, K., Angert, N. Ion irradiation facility for materials research at the 1.4 MeV/u high-charge state injector of GSI 100755
Tinschert, K. *see* Brunner, S. 64758
Tinschert, K. *see* Tiginyanu, I.M. 105558
Tinsley, D. *see* Hanna, B. 100714
Tinti, R. *see* Agosteo, S. 90649
Tiong Jui Ding *see* McCanny, J.V. 77535
Tiong Keng Oh *see* Oh Tiong Keng
Tiong Lim Jin *see* Lim Jin Tiong
Tiong-Seng Tay Some results on generalized Latin squares 82425
Tiow Tay Teng *see* Tay Teng Tiow
Tipissev, S.Ya. *see* Guryanov, G.M. 82626
Tipissev, S.Ya. *see* Guryanov, G.M. 83938
Tiplea, F.L. *see* Matei, C. 108147
Tipografshchik, G.I. *see* Gushchin, E.M. 80120
Tippens, B. *see* Szymanski, J.J. 110589
Tippens, W.B. A new η facility using the Crystal Ball 110571
Tipper, D. *see* Pitsillides, A. 87343
Tipper, D. *see* Wei-Ping Wang 87395
Tipper, D. *see* Yi Qian 87866
Tipton, A.L., Passerini, S., Le, D.B., Owens, B.B. Amorphous V$_2$O$_5$ cathodes in rechargeable lithium cells 81697
Tipton, C.W. *see* Saddow, S.E. 104048
Tirado, J.L. *see* Morales, J. 121860
Tiribilli, B. *see* Ciamberlini, C. 67390
Tiribilli, E. *see* Francini, F. 107634
Tirkas, P.A. *see* Medina, M.C. 97319
Tirkel, A.Z., Rankin, G.A., Jenkins, L.C., Osborne, C.F. A novel synchronization scheme for spread spectrum radio communications 88080
Tirkel, A.Z. *see* van Schyndel, R.G. 86860
Tirolle, N. *see* Pommier, J.C. 64093
Tirrell, M., Kaufmann, E.N., Giordmaine, J.A., Wachtman, J.B., Jr. *(editors)* Annual review of materials science. Keynote topic: polymers. Vol.26 112678
Tisato, F. *see* Pozzi, S. 112793
Tisch, J.W.G. *see* Ditmire, T. 107514
Tischer, M., May, F., Baberschke, K., Hjortstam, O., Arvanitis, D., Dunn, J.H., Trygg, J., Johansson, B., Eriksson, O., Wills, J.M. Enhancement of orbital magnetism at surfaces: Co on Cu(100) 64233
Tischer, P., Lindarto, T. Binary segmentation-based image coding 67134
Tischhauser, J. *see* Seguinot, J. 69714
Tischler, M.A. *see* Redwing, J.M. 85454
Tischler, M.A. *see* Redwing, J.M. 94475
Tisdale, S.L. *see* Deutsch, A. 62454
Tiseanu, C. *see* Lupei, A. 75909
Tishchenko, A.V. *see* Parriaux, O. 85069
Tishchenko, A.V. *see* Sychugov, V.A. 75529
Tishchenko, D.A. *see* Pirogov, Y.A. 69482
Tishchenko, D.A. *see* Pirogov, Y.A. 73718
Tishchenko, D.A. *see* Pirogov, Yu.A. 80682
Tishchenko, V.A., Tokatly, V.I., Luk'yanov, V.I. Traceability of electric field intensity measurements at frequencies from 0 to 1000 MHz 79222
Tishchenko, V.A. *see* Tokatly, V.I. 79627
Tishin, S.G. *see* Sterman, L.S. 71109
Tishinin, D. *see* Dapkus, P.D. 107344
Tisken, V. Decisive steps on the way to paperless project engineering 60550
Tisken, V. Secure power supply for the German Telecom computing centres 121648
Tisnek, N.I. *see* Grishaev, S.I. 69796
Tison, S.A. A critical evaluation of thermal mass flow meters 99945
Tisserand, A. *see* Girau, B. 62123
Tisserand, S. *see* Monneret, S. 110404
Tissier, C. *see* Gautier, P. 70599
Titchener, M.R. Generalised T-codes: extended construction algorithm for self-synchronising codes 76772
Titcomb, Ch. *see* Winkler, G. 100744
Titin-Schnaider, C., Dreuillet, P., Petex, J.F. A polarimetric tool for radar targets analysis 68696
Titiroongruang, W. *see* Parnklang, J. 63736
Titkov, A.N. *see* Bolotov, L.N. 63655
Titkov, A.N. *see* Bolotov, L.N. 75725
Titlebaum, E.L. *see* Hahm, M.D. 118852
Titlebaum, E.L. *see* Jovancevic, A.V. 117190
Titlebaum, E.L. *see* Mitrovski, Z.I. 109364
Titomanlio, S. *see* Sabbadini, M. 66040
Titov, A. *see* Erin, M. 68953
Titov, A. *see* Erin, M. 119523
Titov, A.A., Il'yushenko, N., Avdocheno, I., Obikhvostov, V.D. Broadband power amplifier operating into an unmatched load 93156
Titov, D.V. *see* Chaly, V.P. 96241
Titov, V.I., Zuykova, E.M. The remote technique of sea surface waves by optical sensors 120873
Titov, V.M. *see* Aulchenko, V.M. 100917
Titova, A.V. *see* Ulyanova, T.M. 115415
Titova, G.V. *see* Zarukin, A.I. 69924
Tits, A.L. *see* Zhou, J.L. 92548
Tittel, F.K., Erdelyi, M., Sengupta, C., Bor, Zs., Szabo, G., Cavallaro, J.R., Smayling, M.C., Wilson, W.L. Ultrahigh resolution lithography with excimer lasers 105756
Tittel, F.K., Petrov, K.P., Waltman, S., Curl, R.F., Hollberg, L. Compact tunable mid-infrared laser sources: technology and applications 111300
Tittel, F.K. *see* Farkas, G. 107515
Tittel, F.K. *see* Petrov, K.P. 65592
Tittel, F.K. *see* Petrov, K.P. 96395
Tittel, F.K. *see* Petrov, K.P. 116632
Tittel, K. *see* Braunschweig, W. 120173
Titterton, D.H., Stokoe, C. A review of the development of compact flashlamp pumped titanium sapphire laser technology in the UK 96191
Titterton, D.H., Stokoe, C. Progress with a flashlamp pumped titanium sapphire laser--preliminary results from an oscillator amplifier configuration 107174
Tittmann, B.R., Yen, C.E., Moose, C.A. Sensors for material process monitoring and control 82809
Tittmann, B.R. *see* Yen, C.E. 111393
Titus, J. Coded labels track and identify products [PCB manufacture] 60675
Titus, J.L., Wheatley, C.F. Experimental studies of single-event gate rupture and burnout in vertical power MOSFETs 63688
Titus, J.L. *see* Carley, D.R. 106024
Titus, J.L. *see* Mouret, I. 74744
Titus, J.L. *see* Mouret, I. 106025
Titus, P.H. Structural analysis of the ITER EDA magnet system 106725
Titus, W., Shifrin, M., Asparin, V., Bedard, B. A silicon BiCMOS transceiver front-end MMIC covering 900 and 1900 MHz applications 83432
Titus Lo *see* Wei Zhang 85875
Tiunov, A.V., Shvedunov, V.I., Surma, I.V., Hizanidis, K., Kalfas, C., Trikalinos, C., Tigelis, J. Variants of optics schemes and accelerator configurations for the Athens microtron: preliminary considerations 90026
Tiunov, A.V. *see* Birukov, I.N. 89720
Tiunov, A.V. *see* Shvedunov, V.I. 89889
Tiunov, M. *see* Rojak, M. 85799
Tiunov, M.A. *see* Badura, E. 69804
Tiunov, M.A. *see* Badura, E. 120203
Tiwang, R.F., Woafo, P., Kofane, T.C. Fluxons interactions with inhomogeneities in a system of coupled Josephson transmission lines 64542
Tiwari, A., Weber, L. The radio data system: a data link for DGPS 88757
Tiwari, A. *see* Sjoberg, L. 68776
Tiwari, A.N. *see* Kyatanvar, D.N. 121481
Tiwari, A.N. *see* Zogg, H. 72831
Tiwari, A.P., Banyopadhyay, B., Govindarajan, G. Spatial control of a large pressurized heavy water reactor 102399
Tiwari, B. *see* Verma, H.K. 111544
Tiwari, G.K. *see* Tiwary, H.V. 104551
Tiwari, G.K. *see* Tiwary, H.V. 104552
Tiwari, N. *see* Chaturvedi, A. 60714
Tiwari, P.S. Optimizing channel utilization of digital microwave links 67699
Tiwari, R.C., Yizhou Yang, Zalkikar, J.N. Bayes estimation for the Pareto failure-model using Gibbs sampling 113030
Tiwari, R.C. *see* Papadopoulos, A.S. 113031
Tiwari, S. Mosaicking of the ocean floor in the presence of three-dimensional occlusions in visual and side-scan sonar images 90831
Tiwari, S., Rana, F., Chan, K., Leathen Shi, Hanafi, H. Single charge and confinement effects in nanocrystal memories 95086

Tiwari, S., Rana, F., Wei Chen, Chan, K., Hanafi, H. A low power 77 K nano-memory with single electron nano-crystal storage 63821
Tiwari, S. *see* Hanafi, H.I. 84445
Tiwari, S. *see* Hanafi, H.I. 104536
Tiwari, S. *see* Rana, F. 94618
Tiwari, T., Jha, R.K. Analysis of various types of [illegible] electron guns by finite element method [illegible]
Tiwari, T., Jha, R.K. Computer aided design of various types of Pierce electron guns 73923
Tiwari, T. *see* Tiwari, V.N. 76548
Tiwari, T. *see* Tiwari, V.N. 76595
Tiwari, V., Ashar, P., Malik, S. Technology mapping for low power in logic synthesis 93202
Tiwari, V., Malik, S., Wolfe, A., Lee, M.T.-C. Instruction level power analysis and optimization of software 93499
Tiwari, V.N., Tiwari, T., Singh, S.P., Jha, R.K. Near field analysis of solid dielectric diagonal horn antenna 76548
Tiwari, V.N., Tiwari, T., Singh, S.P., Jha, R.K. Far field patterns of hollow dielectric wall diagonal horn antennas 76595
Tiwary, H.V., Tiwari, G.K. Memory behaviour of ferroelectric sodium nitrite thin films 104551
Tiwary, H.V., Tiwari, G.K. Potassium nitrate thin films for memory characterization 104552
Tixador, P., Hiebel, P., Brunet, Y., Chaud, X., Gautier-Picard, P. Hybrid superconducting magnetic suspensions 95615
Tiyun Guo *see* Guo Tiyun
Tiziani, H. *see* Hembd-Sollner, C. 92178
Tiziani, H. *see* Yunlu Zou 76283
Tiziani, H.J., Rothe, A., Maier, N. Dual-wavelength heterodyne differential interferometer for high-precision measurements of reflective aspherical surfaces and step heights 100349
Tiziani, H.J. *see* Chen, J.H. 60592
Tiziani, H.J. *see* Gartner, H. 76754
Tiziani, H.J. *see* Samuels, U. 116590
Tjabben, H. *see* Abramowski, S. 98888
Tjalkens, T.J. *see* Willems, F.M.J. 97550
Tjelta, T. Frequency selective fade effects and [illegible] considerations in COST 235 97140
Tjhie, D.D., [illegible], H. Analysis of discrete-time TES/[illegible] and TES/D/1-K queueing systems [illegible]
Tjhung, T.T. *see* [illegible] 118791
Tjhung, T.T. *see* Tan, S.H. 68059
Tjomsland, I. *see* [illegible], K. 100295
Tjostheim, D. *see* [illegible], E. 117515
Tjuatja, S., [illegible], Fung, A.K., Terre, C. [illegible] of scattering from object [illegible] medium with randomly rough [illegible]
Tjuatja, S. *see* Hean-Teik Chuah 111164
Tkach, R. [illegible] compensation in nonlinear [illegible]
Tkach, R.W. *see* Chraplyvy, A.R. 99580
Tkach, R.W. *see* Forghieri, F. 68530
Tkach, R.W. *see* Forghieri, F. 85000
Tkach, R.W. *see* Gnauck, A.H. 88643
Tkach, R.W. *see* Zyskind, J.L. 85403
Tkach, V.N. *see* [illegible], A.G. 72875
Tkachenko, A.D. *see* Khrebtov, I.A. 119669
Tkachenko, I. *see* Sanchis, R. 111750
Tkachenko, L.A. *see* Omel'yanenko, M.Y. 79132
Tkachenko, L.I. *see* Efimov, O.N. 112277
Tkachenko, L.M. *see* Rubinraut, A.M. 120332
Tkachenko, V.I. *see* Girka, V.A. 76522
Tkachenko, V.I. *see* Kirilenko, A.A. 62178
Tkachenko, V.I. *see* Kirilenko, A.A. 114212
Tkachenko, V.I. *see* Kirilenko, A.A. 116971
Tkachenko, Y.A. *see* Wei, C.J. 73695
Tkachev, P.L. *see* Shvedunov, V.I. 89889
Tkacheva, O., Kadyrov, A. Averaging of spline approximation to improve restoring properties [illegible]
Tkacheva, O. *see* Kadyrov, A. 87023
Tkachman, I.N. *see* Makhrovskiy, O.V. 119483
Tkacikova, D. Information on Internet in Internet [illegible]
Tkaczyk, J.E. *see* Selvamanickam, V. 75330
Tkalcevic, S., [illegible], S. DSP applications in direc[illegible] and emitter location 68750
Tkalic, M., [illegible], A. Broadcasting in learning automata network 88024
Tkatchev, L. *see* [illegible]
Tkeda, I., [illegible], I.S., Hata, N., Matsuda, A. [illegible] of the deposition rate of a-Si:H by [illegible] molecule into a [illegible]
Tknorik, Yu.A. *see* [illegible], R.V. [illegible]
Tkotz, R. *see* [illegible], N. 62653
Tlali, S. *see* [illegible], T.D. 72868
Tlaskal, O., [illegible], M.J., [illegible], D.W.R. Digital [illegible] of higher order bandpass [illegible] converters 114035
Tnani, S., [illegible], A. Study of a real time numeric [illegible] of electrical machines 111886
Tnani, S. *see* [illegible], S.E. 112087
To, F.W. *see* [illegible]
To, K.-L. *see* [illegible]
To, K.W.V., David, A.K. [illegible] and control of an AC/DC power system 70682
To, T.-P.J., Hamidzadeh, B. A greedy-but-safe dynamic scheduling strategy for an interactive [illegible]
To, T.P.J. *see* [illegible]
To Chang *see* Yi-Chang Cheng 61736
To Hing-Yan *see* Hing-Yan To
To Van Ban *see* Potocky, R. 92400
To-Yat Cheung *see* Weijia Jia 98503
Toal, J.A. *see* Rattray, W.G. 80979
Toal, V. *see* Feely, C.A. 96813
Toan, T.Le *see* Le Toan, T.
Toba, E. *see* Harano, M. 79501
Toba, H., Oda, K., Inoue, K., Nosu, K., Kitoh, T. An optical FDM-based self-healing ring network employing arrayed waveguide grating filters and EDFA's with level equalizers 78723
Toba, H. *see* Takahashi, H. 78894
Toba, R. *see* Kawata, K. 73884
Toba, Y. *see* Hirono, H. 112879
Toba, Y. *see* Kayeiwa, K. 99736
Tobagi, F.A., Dalgic, I. Performance evaluation of 10Base-T and 100Base-T Ethernets carrying multimedia traffic 109048
Tobagi, F.A. *see* Noronha, C.A., Jr. 78869
Tobar, M.E. *see* Cuthbertson, B.D. 89056
Tobar, M.E. *see* Cuthbertson, B.D. 99928
Tobar, M.E. *see* Ivanov, E.N. 93839
Tobar, M.E. *see* Woode, R.A. 104822
Tobar, M.J. *see* Adam, W. 69709
Tobar, M.J. *see* Fuerstenau, H. 69740
Tobari, T. *see* Kobayashi, H. 114010
Tobazeon, R. *see* Dascalescu, L. 107742
Tobazeon, R. *see* Rain, P. 84706
Tobben, D., Wharam, D.A., Abstreiter, G., Kotthaus, J.P., Schaffler, F. Quantized conductance in a Si/Si$_{0.7}$Ge$_{0.3}$ split-gate device and impurity-related magnetotransport phenomena 63817
Tobben, H. *see* Albayrak, S. 87559
Tobe, M., Bessho, K., Yamamoto, Y., Terashima, Y. Intelligent Page System 87620
Tobe, R. *see* Numajiri, K. 104155
Tobe, T., Tsutsui, S., Imajima, Y., Nakajima, S. Multimedia information and communication services on CATV 88841
Tobe, Y., Tokuda, H. QoS control of video communications in a LAN: extension to ATM LAN from FDDI 77991
Toben, M., Kanzler, M. Palladium's niche [surface mount applications] 94048
Tobias, J.M. Testing of ground conductors with artificially generated lightning current 70993
Tobias, O.J., Seara, R., Soares, F.A.P., Bermudez, J.C.M. Automatic visual inspection using the co-occurrence approach 72340
Tobias, O.J., Seara, R., Soares, F.A.P., Bermudez, J.C.M. An automatic inspection algorithm for using in the ceramic industry 97980
Tobias, O.J. *see* Soares, F.A.P. 98113
Tobimatsu, S., Tomoda, H., Kato, M. Normal variability of the amplitude and phase of steady-state VEPs 90518
Tobin, K.W., Gleason, S.S., Karnowski, T.P., Sari-Sarraf, H., Bennett, M.H. An image paradigm for semiconductor defect data reduction 115279
Tobin, K.W. *see* Patek, D.R. 61444
Tobin, K.W., Jr. *see* Gleason, S.S. 82317
Tobin, M.E., Greenspan, M. Adaptation of AN/APG-76 multimode radar to the smuggling interdiction mission 109751
Tobin, P.J. *see* Ajuria, S.A. 63176
Tobin, P.J. *see* Hartig, M.J. 63384
Tobin, P.J. *see* Maiti, B. 63175
Tobin, P.J. *see* Maiti, B. 93486
Tobin, R.C., Peard, K.A., Leigh, B., Bode, G., Rozsa, K., Donko, Z., Szalai, L. Novel low-temperature pulsed metal-vapour lasers: the high-voltage segmented hollow-cathode metal ion laser 116381
Tobin, W.H. *see* Eriksson, L.O. 94949
Tobise, D. *see* Saito, M. 85113
Tobise, M. *see* Ishiguro, T. 106534
Tobita, H. *see* Hisamune, K. 71070
Tobita, K. *see* Kikuchi, M. 106704
Tobita, T. *see* Takahashi, S. 89393
Tobiyama, M., Higuchi, A., Mitsuhashi, T., Kasuga, T., Sakanaka, S. Impurity growth in single bunch operation of PF 90030
Tobiyama, M. *see* Kikutani, E. 100622
Tobler, R.L. *see* Nishimura, A. 92982
Tobocman, W. Application of wavelet analysis to inverse scattering. II 97716
Tobon, C. *see* Vergis, A. 104497
Toccafondi, A. *see* Maci, S. 65758
Tocci, M.D. *see* Scalora, M. 105842
Tocher, A.J., Shin-Tson Wu Switchable liquid crystal polarizer using total internal reflection 95874
Tochihara, H. *see* Hasegawa, H. 78410
Tochinai, K. *see* Miyanaga, Y. 97800
Tochinai, K. *see* Shimizu, J. 77028
Tochinai, K. *see* Shimizu, J. 114119
Tochitsky, V.Ya. *see* Gorobets, V.A. 116358
Tock, D., Craw, I. Tracking and measuring drivers' eyes 108409
Tocnaye, J.-L.de Bougrenet de la *see* de Bougrenet de la Tocnaye, J.-L.
Tocnaye, J.L.De Bougrenet de la *see* De Bougrenet de la Tocnaye, J.L.
Toda, A., Imanishi, D., Yanashima, K., Ishibashi, A. Room temperature photo-pumped lasing action of ZnCdSe/ZnSe/ZnMgSSe double heterostructure grown by metal-organic chemical vapor deposition 96333
Toda, A., Suzuoka, T. Inner lead inspection system 92264
Toda, A. *see* Sasaki, H. 95129
Toda, F. *see* Makita, T. 84917
Toda, H. Dispersion managed optical soliton transmission 85604
Toda, H. *see* Nakamoto, T. 81593
Toda, J. *see* Kanai, H. 115705
Toda, J. *see* Mutoh, H. 115799
Toda, K., Akutsu, Y., Yoshino, K. A Lamb wave vibration sensor with a cellulose membrane diaphragm 69517
Toda, K., Ikeda, M., Teranishi, T., Inoue, T., Yanari, T. Insulation characteristics of high-voltage, large-capacity gas-insulated transformer 81527
Toda, K., Motegi, K., Akutsu, Y., Sawaguchi, A. Measurement of vibration displacement using a layered-structure leaky wave interdigital transducer 89510
Toda, K. *see* Fudou, H. 111604
Toda, K. *see* Hanai, M. 75012
Toda, K. *see* Togawa, Y. 81510
Toda, M., Tamura, T., Urano, T. A study of air conditioning systems based on radiant cooling 91964
Toda, N., Usui, S. Higher-order spectra estimation using nonlinear auto-regressive model based on layered neural network 86174
Toda, S. *see* Hashizume, H. 64512
Toda, S. *see* Hashizume, H. 64515
Toda, S. *see* Sekimoto, M. 103124
Toda, T. *see* Takahashi, S. 96751
Toda, Y., Kourogi, M., Ohtsu, M., Nagamune, Y., Arakawa, Y. Spatially and spectrally resolved imaging of GaAs quantum-dot structures using near-field optical technique 94499
Toda, Y., Yanagi, H. Electroluminescence of epitaxial perylene films 116219
Toda, Y. *see* Mizuma, T. 122021
Todaka, T., Enokizono, M. Optimal design method with the boundary element for high-frequency quenching coil 62397
Todaka, T. *see* Enokizono, M. 64281
Todaka, T. *see* Enokizono, M. 93009
Todaka, T. *see* Enokizono, M. 107777
Todaka, T. *see* Yoshitake, A. 107823
Todarova, V., Christov, S. A system for processing of tactile information 99906
Todd, A.M.M. *see* Krishnaswamy, J. 96493
Todd, A.M.M. *see* Paulson, C.C. 89598
Todd, B. *see* Efland, T. 105999
Todd, C. *see* Chowdhury, R. 92278
Todd, C.D., Maxwell, J. Aberrational weight adjustment by tolerance based weighting in damped least squares optimisation 116166
Todd, C.J. *see* Castro, J.C.S. 65292
Todd, H.V., Meditch, J.S. Encapsulation protocols for MPEG video in ATM networks 87867
Todd, J. *see* Hess, R. 70387
Todd, M. *see* McMurran, J. 82599
Todd, N.P.McAngus *see* McAngus Todd, N.P.
Todd, R. *see* George, A. 70569
Todd, R.A. *see* Frank, S.S. 100939
Todd, R.H. *see* Northrup, M.M. 92152
Todd, T.D. *see* Janoska, M.W. 87749
Todd-Pokropek, A. *see* Taylor, P. 101249
Tode, H., Ojiri, K., Yamamoto, M., Okada, K., Ikeda, H. A routing method based on required communication qualities in high-speed multimedia network 78190
Tode, H. *see* Choi, Y. 68027
Tode, H. *see* Kamiyama, N. 78117
Tode, H. *see* Kamiyama, N. 118161
Todesco, A.R.W., Meng, T.H.-Y. Symphony: a simulation backplane for parallel mixed-mode co-simulation of VLSI systems 82847
Todesco, E. Some numerical and analytical tools for the analysis of 4D betatronic motion 120021
Todesco, E., Giovannozzi, M. Dynamic aperture estimates and phase-space distortions in nonlinear betatron motion 69631
Todesco, E. *see* Bartolini, R. 120058
Todesco, E. *see* Giovannozzi, M. 120020
Todesco, E. *see* Scandale, W. 89826
Todhunter, J.S. *see* Mikheev, P.V. 120665
Todokoro, H. *see* Ezumi, M. 115054
Todokoro, H. *see* Ninomiya, K. 103415
Todokoro, Y. *see* Kobayashi, H. 114841
Todoriki, M., Suzuki, A. Experimental investigation of new concentration measurements using nonlinear dynamics through laser-induced thermal lens oscillation 89554
Todoroki, S. *see* Kamimura, K. 105720
Todorov, T. *see* Nikolova, L. 96772
Todorov, T.N. Calculation of the residual resistivity of three-dimensional quantum wires 114753
Todorovic, D.M. *see* Nikolic, P.M. 83827
Todorovic, D.M. *see* Nikolic, P.M. 94323
Toebaert, D., Muys, P., Desoppere, E. Vibrational cooling of the active medium of a CO$_2$ laser by the intra-cavity radiation flux 96111
Toebben, H. *see* Kratz, F. 79342
Toedter, O., Koch, A.W. An improved laser sensor for surface velocity measurement 69028
Toelle, R. *see* Bechstedt, U. 100747
Toelle, R. *see* Brauksiepe, S. 100815
Toellner, T.S. *see* Sturhahn, W. 69901
Toemoe, S., Rao, N.S.V., Mann, R.C. Learning-based method to recognize and localize glassware using laser range images 77214

Toepfer, H., Harnisch, T., Uhlmann, F.H. Peculiarities of RSFQ applications with high-T_c superconductors - an approach for design 95482
Toepffer, C. *see* Seurer, M. 79833
Toeppen, J.S. *see* Salmon, J.T. 85552
Toermaenen, S. *see* Lhersonneau, G. 80145
Toernig, J.-P. *see* Duret, M. 68683
Toeroek, I. *see* Petukhov, V.P. 100379
Toet, A., Walraven, J. New false color mapping for image fusion 67380
Toet, D., Eitel, S., Santos, P.V., Heintze, M. Laser induced nucleation and growth of polycrystalline silicon 92789
Toet, D.Z. *see* Adam, W. 69709
Toet, D.Z. *see* Apeldoorn, G. 69713
Tofani, G. *see* Mandolesi, N. 99703
Tofani, G. *see* Massi, M. 68823
Tofani, G. *see* Smoot, G.F. 99702
Tofani, S., Ossola, P., d'Amore, G., Anglesio, L., Kanda, M., Novotny, D.R. A three-loop antenna system for performing near-field measurements of electric and magnetic fields from video display terminals 97191
Toffano, R., Jr., Treviso, C.H., Farias, V.J., Vieira, J.B., Jr., de Freitas, L.C. A self-resonant-PWM boost converter with unity power factor operation by using a bang-bang current control strategy with fixed switching frequency 121658
Toffler, A. *see* Dyson, E. 112825
Toffolatti, L. *see* Mandolesi, N. 99703
Toffolatti, L. *see* Smoot, G.F. 99702
Toffoli, A. *see* Deleonibus, S. 105546
Toft, B. *see* Pundak, N. 60638
Toft, M. *see* Appleby, J.C. 98185
Toft, P. *see* Holm, S. 90451
Toft, P. *see* Holm, S. 101288
Tofte, J. *see* Pinsukanjana, P. 82673
Tofts, P.S. *see* Grimaud, J. 101274
Tofukuji, N. An airspace design and evaluation of enroute sector by air traffic control simulation experiments 120646
Toga, A. *see* Yang, J. 101320
Toga, A.W. *see* Thompson, P. 101136
Togano, K. *see* Fukushima, K. 115957
Togano, K. *see* Hasegawa, T. 106729
Togano, K. *see* Kitaguchi, H. 64527
Togano, K. *see* Kitaguchi, H. 84863
Togano, K. *see* Okada, M. 75364
Togano, K. *see* Okada, M. 75365
Togano, K. *see* Tomita, N. 64580
Togano, K. *see* Tomita, N. 84920
Togashi, M. *see* Hino, S. 78327
Togashi, M. *see* Yamada, Y. 99477
Togawa, H. *see* Hatakeyama, K. 85882
Togawa, K. *see* Nakanishi, T. 114507
Togawa, S., Chung, S.I., Kawanishi, S., Izunome, K., Terashima, K., Kimura, S. Density anomaly effect upon silicon melt flow during Czochralski crystal growth. I. Under the growth interface 61134
Togawa, S., Chung, S.I., Kawanishi, S., Izunome, K., Terashima, K., Kimura, S. Density anomaly effect upon silicon melt flow during Czochralski crystal growth. II. Time-topical flow structure under the growth interface 61135
Togawa, S., Izunome, K., Kawanishi, S., Chung, S.-I., Terashima, K., Kimura, S. Oxygen transport from a silica crucible in Czochralski silicon growth 113275
Togawa, T. *see* Shamsuddin, A.K.M. 110742
Togawa, Y., Ikeda, M., Toda, K., Esumi, K. Progress of gas-insulated transformers 81510
Toge, N. *see* Abe, K. 69708
Toge, N. *see* Abe, K. 69726
Toge, N. *see* Hirata, K. 89831
Toge, N. *see* Zimmermann, F. 89651
Tognazzini, B. The "Starfire" video prototype project: a case history 68919
Togneri, R. *see* Rasiah, A.I. 70110
Togno, A. *see* Rovetta, A. 80416
Togno, A. *see* Rovetta, A. 90549
Tognola, G., Ravazzani, P., Minicucci, F., Locatelli, T., Grandori, F., Ruohonen, J., Comi, G. Analysis of temporal non-stationarities in EEG signals by means of parametric modelling 120433
Tognolini, M., Rufer, A. A DSP based control for a symmetrical three-phase two-switch PFC-power supply for variable output voltage 121702
Tognoni, E. *see* Arca, G. 111305
Togo, M. *see* Kurisu, M. 78297
Toguchi, K., Kobayashi, H., Kiya, H. Subband adaptive filters with perfect reconstruction DFT filter banks 117449
Toguchi, M. *see* Higa, A. 61262
Togui, L., Covrig, M., David, F. Mathematical model of the three-phase asynchronous motor with unsymmetrical winding on the stator 121475
Toh, W.S. *see* Hammons, T.J. 101767
Toh Chai-Keong *see* Chai-Keong Toh
Toh Giam Kim *see* Giam Kim Toh
Toh Peng Seng, Huang Yan, Siow, M.L.J. A focus-field filter for fluorescent images of eye blood vessels 90389
Toh Peng Seng *see* Peng Seng Toh
Toh Peng-Seng *see* Peng-Seng Toh
Tohi, T. Application of erbium-doped fiber amplifiers in electric utility communication networks 65065
Tohi, T., Fukuoka, T., Kanaoka, Y. Bidirectional erbium-doped fiber amplifiers suitable for use in electric utility communications 96148
Tohji, K. *see* Jeyadevan, B. 115532
Tohjo, H., Yoda, N., Yamamura, T., Fujii, N. A method realizing rapid operation scenario program development using operation objects 77856
Tohjyo, J. *see* Matsumoto, S. 73736
Tohkura, Y. *see* Aikawa, K. 86143
Tohkura, Y. *see* Usui, S. *(editor)* 103317
Tohme, S. *see* El-Henaoui, S. 87355
Tohme, W.G., Collmann, J., Mun, S.K., Vastola, D.J. Project RavenCare in Alaska: initial implementation 90258
Tohme, W.G., Hayes, W.S., Dai, H., Komo, D., Pahira, J.J., Abernethy, D.R., Rennert, W., Kuehl, K.S., Hauser, G.J., Mun, S.K. Technology assessment for an integrated PC based platform for three telemedicine applications 110865
Tohme, W.G., Hayes, W.S., Mun, S.K., Komo, D., Meissner, M.C. Designing a telemedicine platform for three different medical applications 110808
Tohme, W.G., Olsson, S. Developments and directions of technology assessment in telemedicine 110807
Tohmon, G. *see* Uno, T. 78672
Tohmori, Y. *see* Kimura, H. 88539
Tohmori, Y. *see* Mitomi, O. 85053
Tohmori, Y. *see* Nakasuga, Y. 116284
Tohmori, Y. *see* Okamoto, H. 75919
Tohmori, Y. *see* Okamoto, H. 96432
Tohmori, Y. *see* Sakai, Y. 75976
Tohmori, Y. *see* Sakai, Y. 96265
Tohmori, Y. *see* Suzaki, Y. 88593
Tohmori, Y. *see* Uchida, N. 88639
Tohmori, Y. *see* Uchida, N. 109616
Tohno, Y. *see* Araki, T. 119743
Tohuama, I. *see* Arima, H. 86993
Tohumoglu, G., Koksal, M. Steady state analysis of periodically time-varying networks by new developments in the spectral domain 82905
Tohyama, I. *see* Mori, M. 86992
Tohyama, K., Tokoro, T., Nagao, M., Kosaki, M. High-field AC dissipation current waveforms of nonpolar polymeric films superposed by DC ramp voltage 64117
Tohyama, K. *see* Nagao, M. 84701
Tohyama, N., Tateno, Y., Sato, H., Shimizu, N. Tree initiation in polyethylene absorbing helium gas 64054
Tohyama, O. *see* Maeda, S. 80425
Tohyama, S. *see* Konuma, K. 69286
Toida, T. *see* Yasuda, Y. 109231
Toigo, V. *see* Gaio, E. 102885
Toint, P.L. An assessment of nonmonotone linesearch techniques for unconstrained optimization 60898
Toit, L.J.Du *see* Du Toit, L.J.
Toivanen, P.J. New geodesic distance transforms for gray-scale images 67030
Toivonen, M., Aschan, C., Rannikko, S., Karila, K., Savolainen, S. Organ dose determinations of X-ray examinations using TL detectors for verification of computed doses 120571
Toivonen, M., Jarvinen, H., Sipila, P., Berlyand, V.A., Bregadze, Yu.I., Maslyaev, P.F. Calorimeters for absorbed dose standards or reference dosimeters for radiotherapy: comparisons with other methods 90661
Toivonen, M., Salokatve, A., Tappura, K., Jalonen, M., Savolainen, P., Nappi, J., Pessa, M., Asonen, H. Solid source MBE for phosphide-based devices 92778
Toivonen, M., Savolainen, P., Asonen, H., Murison, R. Low-threshold 1.3 μm wavelength, strained-layer InGaAsP multi-quantum well lasers grown by all solid source molecular beam epitaxy 72764
Toivonen, M., Savolainen, P., Asonen, H., Murison, R. All solid source molecular beam epitaxy growth and characterization of strain-compensated 1.3 μm InAsP/InGaP/InP multiquantum well lasers for high-temperature operation 85480
Toivonen, M. *see* Pessa, M. 96254
Toivonen, M. *see* Pessa, M. 116510
Toivonen, M. *see* Salokatve, A. 94727
Toivonen, M. *see* Savolainen, P. 85528
Toivonen, M. *see* Savolainen, P. 96277
Toivonen, M. *see* Savolainen, P. 107277
Tojyo, E. *see* Arai, S. 79811
Tokaji, K., Bian, J.C., Ogawa, T., Nakajima, M. The microstructure dependence of fatigue behaviour in Ti-15Mo-5Zr-3Al alloy 113520
Tokano, Y. *see* Kayeiwa, K. 99736
Tokarev, A.B., Zhirnova, I.B., Belov, D.G., Perekopskii, I.T. Determining the characteristics of batteries operating in power-supply units 70411
Tokarev, Yu. *see* Dikansky, N.S. 89778
Tokarzewski, S. Two-point Pade approximants for the expansions of Stieltjes functions in real domain 60951
Tokashiki, K. *see* Yoshida, H. 84230
Tokatly, V.I., Tishchenko, V.A., Luk'yanov, V.I. Characteristics of protective filters for visual display units and methods of measuring them 79627
Tokatly, V.I. *see* Tishchenko, V.A. 79222
Toker, G., Brunfeld, A. Defect analysis with black beam interferometry 92302
Toker, O. *see* Anticic, T. 90166
Toker, O. *see* Petrillo, C. 120178
Tokerud, B., Henriksveen, M., Macdonald, R.H., Tvete, K. Pixel rate processing of data from high-resolution imaging sensors using the BASIS image processing system 97914
Tokesi, K. *see* Koever, A. 69873
Tokhi, M.O. *see* Baghai-Ravary, L. 117276
Toki, K. *see* Gokan, H. 115861
Toki, N. *see* Sato, M. 91109
Tokinaga, S., Ishida, Y. An intelligent digital signal processing system for stock trends based upon transient wave detection by using Gabor representation and knowledge representation of waveforms 77026
Tokita, G. *see* Enpuku, K. 84904
Tokita, Y. *see* Komura, H. 100342
Tokito, S., Noda, K., Taga, Y. Strongly directed single mode emission from organic electroluminescent diode with a microcavity 64967
Tokito, S., Tanaka, H., Okada, A., Taga, Y. High-temperature operation of an electroluminescent device fabricated using a novel triphenylamine derivative 96010
Tokizaki, T., Sakai, H., Nakamura, A., Manabe, Y., Hayashi, S., Mitsuyu, T. Ultrafast relaxation dynamics of photocarriers and excitons in ZnCdSe/ZnSSe superlattices 62910
Tokizaki, T. *see* Kondo, Y. 76123
Tokizaki, T. *see* Kondo, Y. 76235
Tokmakoff, A., Billington, J. Modelling of the ODP Trader for use in resource discovery 118432
Tokmakoff, A., Billington, J. Service brokering in object-based systems: advanced information services 118440
Toko, Y. *see* Limura, Y. 85145
Toko, Y. *see* Sugiyama, T. 85146
Tokoro, M. *see* Honda, Y. 79199
Tokoro, M. *see* Murata, S. 78238
Tokoro, T. *see* Nagao, M. 84701
Tokoro, T. *see* Tohyama, K. 64117
Tokoyo, H. *see* Aoki, T. 93263
Tokranova, N.A. *see* Podlaskin, B.G. 67331
Tokranova, N.A. *see* Veiko, V.P. 104103
Tokuchi, A., Yoshimoto, H., Ninomiya, N., Kishiro, J., Hiramatsu, S. Fast switching performance of gate-turn-off thyristor for intense pulsed-power supply 91640
Tokuda, H. *see* Eguchi, N. 111567
Tokuda, H. *see* Kawachiya, K. 118594
Tokuda, H. *see* Takasu, H. 93840
Tokuda, H. *see* Tobe, Y. 77991
Tokuda, I. *see* Kajiwara, S. 117450
Tokuda, K., Shiraki, Y., Kawakami, E. Burst error reduction method of a CDMA multimedia system 118601
Tokuda, K., Shiraki, Y., Kawakami, E., Suzuki, T. Transmission performance improvement with burst error reduction method in CDMA systems 68065
Tokuda, K. *see* Resende, F.G. 77063
Tokuda, K. *see* Resende, F.G.V., Jr 76906
Tokuda, L. *see* Nakamura, T. 84899
Tokuda, M., Okayasu, R., Akiyama, Y., Takagi, K., Amemiya, F. Proposed changes to radiated RF-field immunity test method to better measure acoustic noise in telephones 67976
Tokuda, M. *see* Akiyama, Y. 65900
Tokuda, M. *see* Kohno, A. 112908
Tokuda, M. *see* Kozu, S. 73423
Tokuda, M. *see* Motomitsu, T. 66241
Tokuda, M. *see* Motomitsu, T. 77817
Tokuda, M. *see* Murakawa, K. 116934
Tokuda, M. *see* Okabe, K. 109409
Tokuda, N. *see* Arai, S. 79811
Tokuda, N. *see* Kaga, S. 91887
Tokuda, N. *see* Machida, S. 79814
Tokuda, T. *see* Shiraishi, T. 118693
Tokuda, T. *see* Wakahara, A. 104070
Tokuda, Y. *see* Kanamoto, K. 104540
Tokue, A. *see* Yamamura, K. 113710
Tokue, R. *see* Torayashiki, O. 119637
Tokuhara, K. *see* Kaneko, Y. 95344
Tokuhara, S. *see* Tasaki, T. 73296
Tokuhiro, M. *see* Ishibashi, T. 71960
Tokuhiro, O., Tsutsui, N., Miura, N., Tsuji, S. Failure analysis techniques for thin film transistors in liquid crystal display 100258
Tokumaru, H. *see* Ohshima, H. 68929
Tokumaru, K., Motoda, T., Kurokawa, H. Comparative study of WWW interfaces to relational databases 78040
Tokumaru, S. *see* Ito, S. 116870
Tokumaru, S. *see* Kim, K. 69446
Tokumaru, S. *see* Kim, K.-C. 117023
Tokumasu, T. *see* Fujita, M. 103137
Tokumasu, T. *see* Isaka, S. 112048
Tokumasu, T. *see* Tsuchida, Y. 102808
Tokumitsu, H. *see* Uematsu, M. 110884
Tokumitsu, K., Mabuchi, A., Fujimoto, H., Kasuh, T. Charge/discharge mechanism of synthetic carbon anode for lithium secondary battery 81669
Tokumitsu, M. *see* Onodera, K. 93878
Tokumitsu, T., Nishikawa, K., Kamogawa, K., Toyoda, I., Aikawa, M. Three-dimensional MMIC technology for multifunction integration and its possible application to masterslice MMIC 83434
Tokumitsu, T. *see* Kamogawa, K. 83493
Tokumitsu, T. *see* Kamogawa, K. 85981
Tokumitsu, T. *see* Nishikawa, K. 104879
Tokumitsu, T. *see* Onodera, K. 93878
Tokumitsu, T. *see* Toyoda, I. 93861
Tokumiya, Y. *see* Mochizuki, F. 81633
Tokumoto, H. *see* Gruverman, A. 64082
Tokumoto, H. *see* Gwo, S. 84108
Tokumoto, H. *see* Komeda, T. 74589
Tokumoto, H. *see* Komeda, T. 84032

Tokumoto, H. *see* Komeda, T. 84034

Tokumoto, H. *see* Morita, Y. 84120

Tokumoto, H. *see* Morita, Y. 105698

Tokumoto, S. *see* Higo, T. 79852

Tokumoto, S. *see* Otake, Y. 94191

Tokumoto, S. *see* Sakanaka, S. 100681

Tokumoto, S. *see* Sakanaka, S. 100682

Tokunaga, H., Graham, T. Career progression in a Fortune 500 company: examination of the "glass ceiling" 92103

Tokunaga, H., Kaihara, M., Ishizuka, M. Multimedia service operation system and service navigation system 109189

Tokunaga, R. *see* Kajiwara, S. 117450

Tokunaga, S. *see* Suzuki, K. 83399

Tokunaga, S. *see* Suzuki, K. 93811

Tokunaga, T. *see* Tsutsumi, K. 91773

Tokunaga, T. *see* Yagi, K. 105675

Tokunaga, Y., Tamura, K. Study of new technique for three dimensional images in photoacoustic microscope 90847

Tokunaga, Y. *see* Ochiai, K. 111223

Tokunagat, S. *see* Suzuki, K. 115918

Tokuno, K. *see* Takahashi, N. 114478

Tokura, H. *see* Itoh, K. 71245

Tokura, H. *see* Itoh, K. 111894

Tokura, H. *see* Kawada, M. 64048

Tokura, M. *see* Amano, K. 89300

Tokura, N., Hara, K., Takeuchi, Y., Miyajima, T., Hara, K. Anisotropy in thermal oxidation of 6H-SiC 105718

Tokura, N., Okabe, N., Hara, K. An insulated gate bipolar transistor with high surge endurance 63612

Tokura, N., Tatsuno, H., Kajiyama, Y. Congestion avoidance networks based on congestion estimation feedback by limited acceleration-rate/ratio: CEFLAR 67688

Tokura, Y., Honda, T., Tsubaki, K., Tarucha, S. Lateral distribution of electron current near a point contact 62927

Tokura, Y., Honda, T., Tsubaki, K., Tarucha, S. Noninvasive determination of the ballistic-electron current distribution 94548

Tokura, Y., Saku, T., Horikoshi, Y. Electron scattering by steps in a vicinal heterointerface 62825

Tokushima, M. *see* Fujii, M. 61824

Tokushima, M. *see* Maeda, T. 104439

Tokutaka, H. *see* Fujimura, K. 108623

Tol, J.J.G.M.van der *see* van der Tol, J.J.G.M.

Toland, T., Mathieson, K. Improving customer service at Allnet Communications: developing a mission critical client/server GUI system 87621

Tolat, V. *see* Ziegler, J.F. 72394

Tolbanov, O.P. *see* Chmill, V.B. 120151

Tolbanov, O.P. *see* Khludkov, S.S. 80086

Tolchinskii, E.N., Kiselev, V.A., Yakovleva, V.S. The criterion of explosiveness of the powder of solid fossil fuels 121276

Toledo, R. *see* Barbero, O. 111019

Toledo, S. On the communication complexity of the discrete Fourier transform 76676

Toledo Moreo, J. *see* Fernandez Merono, J.M. 101304

Tolhuizen, L.M.G.M. *see* Baggen, C.P.M.J. 66349

Tolimieri, R. *see* Lu, C. 97750

Toliyat, H.A. Analysis and simulation of multiphase variable speed induction motor drives under asymmetrical connections 71752

Toliyat, H.A., Arefeen, M.S., Parlos, A.G. A method for dynamic simulation of air-gap eccentricity in induction machines 102689

Toliyat, H.A. *see* Ghazi, R. 91658

Toljan, I. Electric energy price analysis for industry and household in the world and Croatia 111505

Tolkacheva, E.G. *see* Afanas'ev, A.A. 116580

Tolke, P. *see* Heinrich, I. 91060

Tolksdorf, E.D. *see* Solomon, H.D. 82180

Tolkunov, V.P. *see* Govorov, F.P. 71386

Tolle, R. *see* Stockhorst, H. 100573

Tolles, W.M. Nanoscience and nanotechnology in Europe 82355

Tollis, I.G. *see* Gardner, L.M. 77786

Tolmachev, A.V. *see* Savvin, Yu.N. 116210

Tolmachev, S.V. *see* Gubankov, V.V. 96563

Tolmachev, Yu.N. *see* Fedoseev, D.V. 92942

Tolmie, C. The Internet revolution 118479

Tolonen, P. *see* Porra, V. 118915

Toloo, M., Mouftah, H.T. A combinatorial approach to the analysis of channel allocation in personal communication systems 88348

Toloo, M., Mouftah, H.T. Speed considerations and handover mechanisms in mobile personal communication systems 88377

Tolstik, A.L. *see* Karpuk, S.M. 116760

Tolstikhin, V.I., Khrenov, G.Yu. Mechanisms of carrier and energy injection in three-terminal laser structures 116507

Tolstikhin, V.I., Willander, M. Three terminal laser structures for high-speed modulation using variable carrier heating 96354

Tolstun, N.G., Kuznetsov, V.S., Ivanov, A.S., Ovhinnokov, V.P., Svinjin, M.P. The 3 MEV, 200 kW high voltage electron accelerator for industrial application 89741

Tolxdorff, T. *see* Thiel, A. 109167

Tom, B.C., Katsaggelos, A.K. An iterative algorithm for improving the resolution of video sequences 86554

Tom, I., Krasko, O. Use of linguistic scales in qualimetry examination of objects 103626

Toma, E. *see* Steward, R.W. 77019

Toma, T. *see* Shams-Kolahi, W. 94417

Toma, Y., Kanemaru, S., Itoh, J. Electron beam characteristics of double-gated Si field emitter arrays 73981

Toma, Y., Kanemaru, S., Itoh, J. Electron-beam characteristics of double-gated Si field emitter arrays 83728

Tomabechi, H. *see* Kirschning, I. 108190

Tomabechi, N. WSI oriented and burst noise tolerant system design based on the residue number system 84511

Tomabechi, Y. *see* Matsumura, K. 65930

Tomandl, I. *see* Honzatko, J. 101006

Tomari, J. *see* Hirata, K. 70853

Tomaru, S. *see* Asobe, M. 85661

Tomaru, S. *see* Kaino, T. 76249

Tomaru, S. *see* Kaino, T. 78933

Tomaru, S. *see* Ooba, N. 85046

Tomaru, S. *see* Yokoo, A. 85636

Tomaru, T., Ichiguchi, T., Matsuoka, H. Nonlinear conductance of a Si-MOSFET quantum dot and its millimeterwave-irradiation effect 63809

Tomaru, T., Ichiguchi, T., Matsuoka, H. Rectification of millimeter waves in nanometer-scale Si-inversion-layer metal-oxide-semiconductor field-effect transistors 105968

Tomaru, T., Kitajima, S., Inoue, H. Autocorrelation of optical pulse using heterodyne method 89539

Tomaru, T. *see* Gustavsson, M. 99821

Tomas, C. *see* Afif, M. 94183

Tomasek, R. *see* Hark Byeong Park 104945

Tomasel, F.G., Shiyaptsev, V.N., Rocca, J.J. Enhanced beam characteristics of a discharge-pumped soft-X-ray amplifier by an axial magnetic field 116346

Tomasel, F.G. *see* Rocca, J.J. 65019

Tomasel, F.G. *see* Rocca, J.J. 75819

Tomasetti, G. *see* Bortolotti, C. 79102

Tomasevic, J. *see* Poljak, M. 121532

Tomashuk, A.L. *see* Bogatyrjov, V.A. 75508

Tomashuk, A.L. *see* Bogatyrjov, V.A. 106812

Tomashuk, A.L. *see* Dianov, E.M. 75439

Tomashuk, A.L. *see* Griscom, D.L. 85004

Tomasi, C., Manduchi, R. Stereo without search 67256

Tomasi, C., Shi, J. Image deformations are better than optical flow 108684

Tomasin, P. *see* Malesani, L. 71472

Tomasini, A., Brattoli, M., Chioffi, E., Colli, G., Gerna, D., Pasotti, M. B/W adaptive image grabber with analog motion vector estimator at 0.3 GOPS 79542

Tomasini, A. *see* Gerna, D. 104737

Tomasini, B. *see* Cassassolles, E. 109705

Tomasini, E.P. *see* Gasparetti, M. 68971

Tomasini, F. *see* Arfelli, F. 110579

Tomasini, P., Haidoux, A., Domagala, J., Tedenac, J.C., Maurin, M., Ducourant, B. Growth by atmospheric pressure OMVPE and X-ray analysis of ZnTe epilayers on III-V substrates 113338

Tomasiunas, R., Pelant, I., Hospodkova, A., Kohlova, V., Knapek, P., Levy, R., Moniatte, J., Grun, J.B., Hoenerlage, B. Transient laser-induced grating spectroscopy in porous silicon 94254

Tomaska, M. *see* Kovacik, A. 106971

Tomassetti, M. *see* Campanella, L. 119941

Tomassini, G. *see* Gatti, E. 121764

Tomassini, M. Evolutionary algorithms 60897

Tomaszewski, D. *see* Bakowski, A. 63559

Tomati, L., D'Onofrio, M., Carere, G. Simplified procedure for evaluating the coverage area of a multifeed shaped antenna–application to the planning of a broadcasting satellite system 88397

Tomatsu, M. *see* Mesaki, Y. 89294

Tomba, L., Krzymien, W.A. Downlink detection schemes for MC-CDMA systems in indoor environments 118765

Tombesi, P. *see* Bianco, A. 84849

Tombling, C. *see* Robinson, M.G. 116141

Tombras, G.S. *see* Papavramidis, A.C. 78480

Tombrello, T.A. *see* Naud, J.D. 75710

Tombros, S. *see* Chatzipapadopoulos, F. 120478

Tombrou, M. *see* Helmis, C.G. 102355

Tombs, J., Torralba, A.J., Franquelo, L.G. A PWM fuzzy logic controller 114165

Tomcik, P. *see* Barancok, D. 115438

Tomcikova, I. A mathematical model of elastomagnetic sensor 69082

Tomczewski, A. *see* Nawrowski, R. 102149

Tomczuk, B. *see* Zakrzewski, K. 71393

Tomczuk, B. *see* Zakrzewski, K. 81524

Tome, B. *see* Alvsvaag, S.J. 90124

Tome Saraiva, J., Miranda, V., Pinto, L.M.V.G. Generation/transmission power system reliability evaluation by Monte-Carlo simulation assuming a fuzzy load description 70640

Tomei, P. *see* Marino, R. 81456

Tomei, P. *see* Marino, R. 102679

Tomeoku, H. *see* Torii, S. 102631

Tomes, C. Cadbury's new mix [use of networking technologies] 118469

Tomescu, F.M.G. *see* Munteanu, I. 95365

Tomic, D. *see* Lin, S. 106829

Tomic, Z. *see* Lebet, J.P. 70212

Tomich, D.H. *see* Li, N.Y. 103882

Tomida, H. *see* Amano, M. 121793

Tomida, S., Sugiyama, Y., Okuniki, Y., Furushima, Y., Sasaki, Y., Takano, S. 1.3 μm coolerless MQW-DFB LD module for 2.5 Gbps long haul transmission 78934

Tomida, T. (100)-textured 3% silicon steel sheets by manganese removal and decarburization 64190

Tomidokoro, S. *see* Imamura, K. 60591

Tomie, T. *see* Matsushima, I. 75812

Tomii, K. *see* Yamamoto, H. 64469

Tomikawa, Y., Kusakabe, C., Ohnishi, K., Sakurai, K., Tanaka, M. Damped capacitance elimination in piezoelectric vibrator using operational amplifier circuit 84717

Tomikawa, Y. *see* Aoyagi, M. 101602

Tomikawa, Y. *see* Aoyagi, M. 102764

Tomikawa, Y. *see* Aoyagi, M. 121522

Tomikawa, Y. *see* Hirose, S. 101601

Tomikawa, Y. *see* Ohnishi, K. 102765

Tomikawa, Y. *see* Satoh, A. 110097

Tomikawa, Y. *see* Takano, T. 101605

Tomimasu, T., Oshita, E., Okuma, S., Wakita, K., Saeki, K., Zako, A., Suzuki, T., Miyauchi, Y., Koga, A., Nishihara, S., Nagai, A., Tongu, E., Wakisaka, K., Kobayashi, A., Yasumoto, M. First lasings at visible and IR range of linac-based FELs at the FELI 76063

Tomimasu, T., Saeki, K., Miyauchi, Y., Oshita, E., Okuma, S., Wakita, K., Kobayashi, A., Suzuki, T., Zako, A., Nishihara, S., Koga, A., Wakisaka, K., Tongu, H., Nagai, A., Yasumoto, M. The FELI FEL facilities-challenges at simultaneous FEL beam sharing systems and UV-range FELs 107395

Tomimasu, T. *see* Kobayashi, A. 96534

Tomimasu, T. *see* Miyauchi, Y. 96464

Tomimasu, T. *see* Nishi, K. 83901

Tomimasu, T. *see* Ohyama, H. 84062

Tomimasu, T. *see* Okuma, S. 107400

Tomimasu, T. *see* Oshita, E. 96437

Tomimasu, T. *see* Saeki, K. 96448

Tomimasu, T. *see* Zako, A. 96484

Tomimuro, H. *see* Hino, S. 78327

Tomimuro, H. *see* Yamaguchi, S. 92270

Tomimuro, H. *see* Yamaguchi, S. 94138

Tominaga, K., Hosoda, M., Watanabe, T., Fujiwara, K. Transparent self-electro-optic effect device based on Wannier-Stark localization in unstrained $In_xGa_{1-x}As/In_xAl_{1-x}As$ superlattices on GaAs substrate 64811

Tominaga, K. *see* Haraguchi, K. 83843

Tominaga, K. *see* Hosoda, M. 74423

Tominaga, K. *see* Hosoda, M. 83957

Tominaga, K. *see* Hosoda, M. 114735

Tominaga, K. *see* Mimura, H. 64802

Tominaga, K. *see* Mimura, H. 94510

Tominaga, K. *see* Ohtani, N. 63080

Tominaga, S. Analysis of object color images using a reflection model 86616

Tominaga, S., Fujita, H., Akagi, H. Application of zero-voltage-switching to a DC voltage-controlled static VAr compensator using quad-series voltage-source inverters 121830

Tominaga, S. *see* Fujita, H. 102933

Tominaga, T. *see* Senda, K. 112167

Tominaga, T. *see* Shirai, T. 69456

Tomioka, A. *see* Bohno, T. 103051

Tomioka, M., Tanaka, Y., Mizuno, O. Service interaction prediction methods for customized specifications 78141

Tomioka, T. *see* Iwai, T. 63614

Tomisaki, U. *see* Taguchi, Y. 88249

Tomisawa, M. *see* Atoda, O. 77500

Tomisawa, S. *see* Kojima, K. 73411

Tomishima, S., Kuge, S., Tsukude, M., Yamagata, T., Arimoto, K. A blanket source line architecture with triple metal for giga scale memory LSIs 93363

Tomishima, S. *see* Kuge, S. 61900

Tomishima, S. *see* Kuge, S. 93382

Tomita, A., Shah, J., Knox, R.S. Efficient exciton energy transfer between widely separated quantum wells at low temperatures 63059

Tomita, A. *see* Fukuda, Y. 110959

Tomita, F. *see* Sugioto, K. 86878

Tomita, H., Inoue, T., Mizoguchi, T. Hetero-amorphous Fe-Co-B-C soft magnetic thin films with uniaxial magnetic anisotropy and large magnetostriction 115535

Tomita, H., Ninomiya, Y., Ito, A., Obara, M. Polycrystallization of pulsed laser deposited $BaTiO_3$ thin films at room temperature by KrF laser annealing 61184

Tomita, H., Sano, S., Sakurai, H., Noma, M., Gunji, S., Takase, E. Basic performance of unitized Compton scattering type polarimeter 101027

Tomita, H. *see* Fukui, S. 101854

Tomita, H. *see* Ichimura, K. 75617

Tomita, H. *see* Sato, K. 86836

Tomita, K. *see* Notake, Y. 95135

Tomita, M. Rotary permanent-magnet aluminum separator 103185

Tomita, M. Coupling efficiency of grating coupler for the Gaussian light beam incidence 116088

Tomita, M., Satoh, M., Yamaguchi; H., Doki, S., Okuma, S. Sensorless estimation of rotor position of cylindrical brushless DC motors using eddy current 91549

Tomita, M., Satoh, M., Yamaguchi, H., Doki, S., Okuma, S. Sensorless rotor-position estimation

using eddy currents for cylindrical brushless DC motors at standstill 121510
Tomita, M. *see* Hayashi, T. 95371
Tomita, M. *see* Itsumi, M. 94772
Tomita, N., Arai, M., Yanagisawa, E., Morimoto, T., Kitaguchi, H., Kumakura, H., Togano, K., Nomura, K. Fabrication and properties of superconducting magnets using Bi$_2$Sr$_2$CaCu$_2$O$_x$/Ag tapes 64580
Tomita, N., Enomoto, Y. Automatic and optimum sensing of Fresnel reflections in optical fiber systems with connectors using OTDR 78833
Tomita, N., Kase, J., Yanagisawa, E., Kitaguchi, H., Kumakura, H., Togano, K., Inoue, K., Kato, K. Development of Bi-2212 coils applying dip-coating and melt-solidification process 84920
Tomita, N. *see* Atsumi, S. 73349
Tomita, N. *see* Hogari, K. 75504
Tomita, N. *see* Kitaguchi, H. 84863
Tomita, S. *see* Kihara, M. 116036
Tomita, S. *see* Mitani, Y. 86809
Tomita, S. *see* Sunaga, H. 77882
Tomita, S. *see* Takemura, Y. 90487
Tomita, S. *see* Ushio, M. 71810
Tomita, T., Honjo, H., Fujimoto, T., Kambe, T. An LSI emulation technique using FPGA and FPCB 73211
Tomita, Y., Sugimoto, M., Eda, K. Direct wafer bonding technique of ferroelectric single crystals 64085
Tomita, Y., Ueda, N. High-pin-count packaging technologies for LSI devices 106113
Tomita, Y., Ueda, N., Nakagawa, O. High pin-count packages for LSIs 72279
Tomita, Y. *see* Eda, K. 106352
Tomita, Y. *see* Fujii, S. 69179
Tomita, Y. *see* Ishii, H. 65529
Tomita, Y. *see* Matsushima, S.-S. 85689
Tomita, Y. *see* Nitta, Y. 73370
Tomita, Y. *see* Widjaja, J. 85206
Tomita, Y. *see* Widjaja, J. 110382
Tomita-Gotoh, S., Hayashida, Y. Scalp-recorded direct current potential shifts induced by hypocapnia and hypercapnia in humans 110826
Tomitani, H., Kamizono, T., Tsurugi, T., Gohara, Y., Matsuda, T. Super uniform driving (SUD) color STN-LCD 100255
Tomitani, H. *see* Okuno, T. 100256
Tomitani, T. A model of optical reflection on rough surface and its application to Monte Carlo simulation of light transport 80084
Tomiyama, F., Takano, H., Shiroishi, Y., Suzuki, M., Sugita, Y. Effects of write current switching time on recording characteristics 75221
Tomiyama, K. *see* Hogari, K. 75504
Tomiyama, S., Ozawa, T., Ito, H., Nakamura, T. Amorphous silicon thin film transistors and application to image sensors 94995
Tomiyama, S. *see* Negoto, K. 83217
Tomiyama, T. *see* Tanaka, S. 81107
Tomiyasu, H. *see* Niinomi, T. 105771
Tomizawa, M., Yamabayashi, Y., Kawase, N., Kobayashi, Y. An architecture for optical ring trunk-transmission networks 109669
Tomizawa, M. *see* Noda, K. 89755
Tomizawa, T., Itohi, K., Ishii, K., Mito, K., Sasaki, K. Optically active dye doped thin film waveguides 75827
Tomizono, T. *see* Yang, B. 74186
Tomizuka, M. *see* Fischer, M. 89050
Tomka, G.J. *see* Kapusta, C. 64218
Tomkins, B. The consultant's contribution to life management of nuclear power plant 102392
Tomlin, R. *see* Herrup, D.A. 89861
Tomlinson, B.N. *see* Woodfield, A.A. 120591
Tomlinson, J. In-system programmability–the third wave of programmability 61753
Tomlinson, M. *see* Cercas, F.A.B. 78624
Tomlinson, M. *see* Van Eetvelt, P. 117142
Tomlinson, R.D. *see* Ahmed, E. 74515
Tomlinson, R.D. *see* Mullan, C.A. 63237
Tomlinson, R.D. *see* Yakushev, M.V. 74309
Tomlinson, R.D. *see* Zegadi, A. 94453
Tomlinson, W.J. *see* Gamelin, J. 88652
Tomlinson, W.J. *see* Jackel, J.L. 78891
Tomm, J.W. *see* Summers, C.J. 74445
Tomm, J.W. *see* Tran, T.K. 74224
Tomm, J.W. *see* Tran, T.K. 74408
Tomm, J.W. *see* Tran, T.K. 75714
Tomm, Y., Ivaneko, L., Irmscher, K., Brehme, St., Henrion, W., Sieber, I., Lange, H. Effects of doping on the electronic properties of semiconducting iron disilicide 74314
Tommasi, R. *see* Netti, M.C. 105346
Tommasi, T. *see* Bianco, B. 86617
Tommasini, L. *see* Filippetti, F. 71305
Tommasini, R. *see* Bettini, A. 91910
Tommasini, R. *see* Cantarella, G. 81622
Tomobe, K., Takahashi, T., Kawashima, M., Sonobe, Y., Kiyuna, T., Yamamoto, S. A 1860 kG CMOS gate array with GTL input flip-flop circuits 104517
Tomochika, T. *see* Tanaka, Y. 87388
Tomoda, H. *see* Tobimatsu, S. 90518
Tomoda, T. *see* Miyamoto, T. 89234
Tomoeda, S. Thin type dynamic receiver 118827
Tomohisa, S., Nakatsuka, H., Tachiki, M., Kobayashi, T. Morphological study of YBa$_2$Cu$_3$O$_y$ thin films grown by excimer laser ablation method 113423
Tomomatsu, Y., Suekawa, E., Enjyoji, T., Takeda, M., Kondoh, H., Hagino, H., Yamada, T. An analysis and improvement of destruction immunity during reverse recovery for high voltage planar diodes under high dIrr/dt condition 105870
Tomomura, Y. *see* Ishikawa, H. 83982
Tomomura, Y. *see* Koide, Y. 74461
Tomomura, Y. *see* Teraguchi, N. 74374
Tomonaga, H., Matsuoka, N., Katoh, T., Kawai, M., Yamashita, H., Hakata, A. Small size and large capacity ATM switching system 99024
Tomono, K. *see* Shiratori, A. 81775
Tomono, K. *see* Takagi, H. 81759
Tomono, M. *see* Kawahara, A. 69275
Tomono, T., Umegaki, S., Usagawa, T., Lyong Sun Pu, Sasaki, K. Phase matching properties of a P1 symmetry crystal, (-)-1-(4-dimethylaminophenyl)-2-(2-hydropropylamino) cyclobutene-3,4-dione 76169
Tomov, I.V., Chen, P., Rentzepis, P.M. Generation of picosecond hard X-ray pulses 120247
Tomoyasu, M. *see* Hashimi, K. 74561
Tomozawa, H. *see* Suzuki, S. 63694
Tomozawa, S. *see* Tani, M. 115963
Tomozawa, S. *see* Tonouchi, M. 75336
Tompa, G.S., Li, Y.B., Agassi, D., Kim, S.I., Hong, S.K. Mg$_2$Si buffer layers on Si(100) prepared by a simple evaporation method 92690
Tompa, M. *see* Chinn, D.D. 77570
Tompkin, W.R., Staub, R. Low-density diffractive optical memories for document security 116006
Tompkin, W.R., Staub, R., Moser, J.-F. Optical memories for document security 64610
Tompkins, H.G., Seddon, K., Garling, L.K., Fejes, P. Controlled crystallization of LPCVD amorphous silicon 62668
Tompkins, J.C. *see* Brown, B.C. 90058
Tompkins, J.C. *see* Glass, H.D. 100644
Tompkins, J.C. *see* Harding, D.J. 89795
Tompkins, J.C. *see* Harding, D.J. 89796
Tompkins, M.W., Anderson, M.A., Kim, K., Feng, Q., Zhang, J., King, T.L. Development of advanced compact railguns for injection of hypervelocity hydrogen pellets into magnetic fusion plasmas 107830
Tompkins, W.J. *see* Afonso, V.X. 70140
Tomppo, E. *see* Makisara, K. 120909
Tompson, R.V. *see* Tekasakul, P. 114492
Toms, T. *see* Kuo, C. 83137
Tomsa, Z. *see* Ajinenko, I. 90197
Tomsic, Z. *see* Feretic, D. 71184
Tomsic, Z. *see* Feretic, D. 111771
Tomsovic, K. *see* Hoang, P. 80920
Tomura, Y., Bessho, Y., Shiraishi, T., Itagaki, M., Yuhaku, S., Ishida, T., Ohbayashi, T. Advanced flip chip bonding technique for MCM-L 104979
Tomura, Y. *see* Bessho, Y. 82239
Tonami, S., Nishikata, A., Shimizu, Y. Analysis of leaky surface acoustic waves propagating on piezoelectric substrates of finite thickness 84681
Tonazzo, A. *see* Bell, W. 120174
Tonbul, F., Gurcan, M.K. Distributed hand-off schemes for ATM-based beacon type intelligent vehicle communication systems 118972
Tonbul, F., Gurcan, M.K. Protocols for network throughput optimisation in intelligent vehicle highway communication systems 118995
Toncelli, A. *see* Di Lieto, A. 65127
Toncelli, A. *see* Di Lieto, A. 75878
Toncelli, A. *see* Tonelli, M. 96167
Tonchev, V., Yorgov, V.Y. The existence of certain extremal [54,27,10] self-dual codes 97570
Tonchev, V.D. *see* Baartmans, A. 76716
Tonchev, V.D. *see* Haemers, W.H. 72477
Tonczak, M. *see* Siarkowski, M. 77460
Tonda, S. *see* Grunnet-Jepsen, A. 98012
Tonda, S.G., Refregier, P. Three-dimensional attitude estimation and tracking by multi-correlation technique with normalized optimal trade-off filters 117384
Tonder, J.J.Van *see* Van Tonder, J.J.
Tondiglia, V.P. *see* Bunning, T.J. 96802
Tondiglia, V.P. *see* Bunning, T.J. 96808
Tondiglia, V.P. *see* Domash, L.H. 96837
Tondiglia, V.P. *see* Sutherland, R.L. 96834
Tondini, A. *see* Capineri, L. 69983
Tondl, A. On the interaction of torsional and lateral vibrations in a rotor system 81379
Tondos, M., Tran, M. Analysis of the dynamics of state observer and disturbances in a control system of a drive with an elastic coupling 91783
Tone, H., Sugiura, S., Toyoki, N., Chiba, T. Hardware of GS8600 67824
Tonelli, G., Focardi, E., Wheadon, R.J. Double-sided "radiation resistant" microstrip detectors: technology and results 110565
Tonelli, G. *see* Mours, B. 100821
Tonelli, G. *see* Mours, B. 120196
Tonelli, G. *see* Wheadon, R. 100837
Tonelli, G. *see* Wheadon, R. 100965
Tonelli, M., Falconieri, M., Lanzi, A., Salvetti, G., Toncelli, A. Comparison of Tm-sensitized Ho:YAG and Ho:YLF crystals for a laser-pumped 2 μm CW oscillator 96167
Tonelli, M. *see* Di Lieto, A. 65127
Tonelli, M. *see* Di Lieto, A. 75878
Tonello, O. *see* Yi Xin Zhang 109994
Toner, M.F., Roberts, G.W. A frequency response, harmonic distortion, and intermodulation distortion test for BIST of a sigma-delta ADC 93532
Toner, W.T. Matter in intense light fields 65419
Toner, W.T. *see* Danson, C.N. 85429
Toner, W.T. *see* Divall, E.J. 65036
Toner, W.T. *see* Matousek, P. 76178
Toneva, A., Mihailova, T., Sueva, D., Georgiev, S. Homogeneous CVD α-Si:H thin film based position sensitive photodetector 119687
Toneva, A. *see* Vassilev, L. 114586
Toney, J.E. *see* McGregor, D.S. 80153
Toney, J.E. *see* McGregor, D.S. 92663
Tong, C.-Y.E., Blundell, R., Paine, S., Papa, D.C., Kawamura, J., Xiaolei Zhang, Stern, J.A., LeDuc, H.G. Design and characterization of a 250-350-GHz fixed-tuned superconductor-insulator-superconductor receiver 109847
Tong, C.-Y.E. *see* Kawamura, J. 115972
Tong, C.-Y.E. *see* Padin, S. 73782
Tong, C.Q., Wen, M., Shyang-Tai Su IDDQ testing in low power supply CMOS circuits 115345
Tong, C.S. *see* Yuen, P.C. 77422
Tong, C.W., Lam, K.P. Closed semiring optimization circuits using a connectionist approach 73005
Tong, D.T.K., Wu, M.C. A novel optically controlled phased array antenna system using a programmable-dispersion fiber and a mode-locked laser 66147
Tong, D.T.K., Wu, M.C. A novel multiwavelength optically controlled phased array antenna with a programmable dispersion matrix 66156
Tong, D.T.K., Wu, M.C. Programmable dispersion matrix using Bragg fibre grating for optically controlled phased array antennas 97383
Tong, D.T.K., Wu, M.C. Continuously tunable optoelectronic millimetre-wave transmitter using monolithic mode-locked semiconductor laser 119157
Tong, F., Akaiwa, Y. Theoretical analysis of inter-basestation-synchronization system 68303
Tong, F., Akaiwa, Y. Improvement of automatic echo distortion canceller in an FM broadcasting receiver 79134
Tong, F., Chung-Sheng Li, Berkowitz, G. Characterization of a variable bit-rate receiver for applications in WDM/WDMA systems 88574
Tong, F., Li, Z.-N. Camera model for reciprocal-wedge transform 77211
Tong, F. *see* Li, C.-S. 78896
Tong, H.-C. *see* Lam, T.T. 75220
Tong, H.-S. *see* Hu, C.-M. 83773
Tong, H.M. *see* Datta, M. 60636
Tong, H.T. *see* Tamir, D.E. 113009
Tong, J. *see* Chen, H. 114600
Tong, K. *see* Cheung, K. 120583
Tong, K.W. *see* Sou, I.K. 114896
Tong, K.Y. *see* Lo, V.C. 105566
Tong, K.Y. *see* Mok, C.H. 63731
Tong, L. *see* Endres, T.J. 67498
Tong, L. *see* Liu, H. 86185
Tong, L.H. *see* Pinck, D.S. 109408
Tong, L.H. *see* Satorius, E.H. 109588
Tong, L.S. *see* Tu, Y. 88840
Tong, L.Z., Wang, E.Z. Finite element calculation of the electric field in the interrupter of porcelain-clad type SF$_6$ circuit breaker 112147
Tong, Q. Preparation of SOI substrate using wafer bonding 63148
Tong, Q.-Y., Gosele, U. Process design of low temperature wafer bonding 63195
Tong, Q.-Y., Gosele, U. A model of low-temperature wafer bonding and its applications 63228
Tong, Q.-Y., Hsia, S., Goesele, U., Zimmermann, H., Reiche, M. A flexible built-in gettering layer prepared by hydrophobic Si wafer bonding 114851
Tong, Q.-Y., Kidao, G., Tan, T.Y., Gosele, U. Wafer bonding of Si with dissimilar materials 84037
Tong, Q.-Y., Krasnicki, S., Gosele, U. Thick wafer bonding 63859
Tong, Q.-Y. *see* Feng, T. 69291
Tong, Q.-Y. *see* Gosele, U.M. 84051
Tong, Q.Y. *see* Martini, T. 63197
Tong, R. *see* Rousina-Webb, R. 92946
Tong, S., Downey, D.B., Cardinal, H.N., Fenster, A. A three-dimensional ultrasound prostate imaging system 110672
Tong, S. *see* Wu, X.L. 83959
Tong, V. *see* Fawcett, B. 113856
Tong, W., Wagner, B.K., Tran, T.K., Ogle, W., Park, W., Summers, C.J. Kinetics of chemical beam epitaxy for high quality ZnS film growth 113301
Tong, W. *see* Deis, G. 106719
Tong, W. *see* Summers, C.J. 74162
Tong, W.M. *see* Sutherland, D.G.J. 84146
Tong, X., Gibson, J.M. Surface/interface morphology of Si(001) during oxidation 63302
Tong, Y.K. *see* Davies, A.E. 91169
Tong, Y.K. *see* Haddad, A. 81168
Tong, Y.K. *see* Spellman, C. 111676
Tong, Y.P., Sutherland, T.M., French, P.M.W., Taylor, T.R., Shestakov, A.V., Chai, B.H.T. Self-starting Kerr-lens mode-locked femtosecond Cr^{4+}:YAG and picosecond Pr^{3+}:YLF solid-state lasers 65132
Tong, Z.H., Ang, S.S., Brown, W.D. Effects of gamma irradiation on the insulated-gate bipolar transistor 94929
Tong Chi-Wa *see* Chi-Wa Tong
Tong Chu *see* Yongming Li 93232
Tong Gao, Liu, C.L. Minimum crosstalk channel routing 74784
Tong Hua-Ching *see* Hua-Ching Tong

Tong Hua-Soo *see* Hua-Soo Tong
Tong Jiarong *see* [illegible]
Tong Jiarong *see* [illegible]
Tong Jiarong *see* [illegible]
Tong Jiarong *see* Zhang [illegible]
Tong Jingwei *see* Jingwei Tong
Tong Kai Fai *see* Kai Fai Tong
Tong Kun Lim, Sang K. Park, M. Yun Jeong, [illegible] Diffraction properties from a polarization grating and [illegible] phase conjugated wave in [illegible] polymer [illegible]
Tong Lai Yu Speech data compression for embedded systems 86142
Tong Liang *see* Liang Tong
Tong Lee Yuan *see* Yuan Tong Lee
Tong Li *see* [illegible]
Tong Ling A new type of [illegible] in the millimeter wave-band [illegible]
Tong Linsu *see* Ling Wei [illegible]
Tong Linsu *see* Linsu Tong
Tong Lizhu, Wang Erzhi Numerical calculation of 3-D electric field in a complicated structure 96901
Tong Ming-Rong *see* Ming-Rong Tong
Tong Ruofeng, Wang Guozhao [illegible]
Tong Shibai *see* Long Wangning 104415
Tong Song *see* Song Tong
Tong Vuong Gai *see* Gai Tong Vuong
Tong Wang *see* Wang Tong
Tong-Ha Kim, Yeun-Cheul Jeung DAFC (digital automatic frequency control) in home use VCR [illegible]
Tong-Yi Zhang Linear fracture mechanics for isothermal and adiabatic cracking in piezoelectric materials 104195
Tongcheng Huang *see* Huang Tongcheng
Tonggzeng Zhuang *see* Jun Zhi [illegible]
Tonghe Zhang *see* Weidong Qian 84244
Tongli Wei *see* Yao Li 95172
Tongli Wei *see* Zonguang Yu 83178
Tongli Wei *see* Wei Tongli
Tongqing Wang, Jifu Huang, Ke Wu A novel domain-partitioning approach for modeling arbitrarily shaped microwave circuits 62352
Tongqing Wang *see* [illegible]
Tongu, E. *see* Tomimasu, T. 76063
Tongu, H. *see* Tomimasu, T. 107395
Tonguu, H. *see* Dewa, H. 120075
Tonguz, O.K., Hanwook Jung Personal communications access networks using subcarrier multiplexed optical links 78921
Tonguz, O.K. *see* Ebersman, H.G. 88374
Tonguz, O.K. *see* Flood, F.A. 68403
Tonguz, O.K. *see* Flood, F.A. 85383
Tonguz, O.K. *see* Jung, H. 88332
Tonguz, O.K. *see* Jung, H. 99302
Tongwen Chen *see* Mirabbasi, S. 117525
Tongxin Zheng *see* Zheng Tongxin
Tonhauser, J. *see* Rathmann, F. 119987
Tonhauser, J. *see* Zapfe, K. 120083
Toni, M.P. *see* Piermattei, A. 80516
Tonic, R. *see* Rakic, M. 102000
Tonielli, A. *see* Morici, R. 71313
Tonietti, A. *see* Marsan, M.A. 117995
Toniolo, L. *see* Colussi, L. 108441
Toniolo, N. *see* Carugno, G. 100803
Tonisch, F. *see* Baehr, J. 69755
Tonissen, S.M., Logothetis, A. Estimation of multiple target trajectories with time varying amplitudes 117865
Tonkacheva, N.A. *see* Shur, V.Ya. 95265
Tonkin, S.P., Pinter, R.B. Motion processing using asymmetric shunting lateral inhibitory networks [illegible]
Tonkovic, Z. 380 kV interconnection of Hungary with Croatia and Slovenia 111504
Tonks, D., Vaillancourt, W., Smith, K., Strid, E. An application of membrane probes for on-wafer testing of unmatched high power MMICs 93883
Tonner, B.P. *see* O'Brien, W.L. 75084
Tonner, B.P. *see* O'Brien, W.L. 75085
Tonnerre, L. *see* Henry, J.P. 68659
Tonnies, D. *see* Bacher, G. 62895
Tonnquist-Uhlen, I. Topography of auditory evoked cortical potentials in children with severe language impairment 120430
Tonnquist-Uhlen, I., Borg, E., Persson, H.E., Spens, K.E. Topography of auditory evoked cortical potentials in children with severe language impairment: the N1 component 90521
Tonohara, M. *see* Taruya, N. 67826
Tonoli, A. *see* Schmitt, U. 95620
Tonomura, A. Dynamic observation of superconducting vortices near pinning centers using electron waves 75332
Tonomura, Y. *see* Akutsu, A. 67430
Tonon, G. *see* Wegrowe, J.-G. 76559
Tonouchi, M., Tani, M., Zhen Wang, Sakai, K., Tomozawa, S., Hangyo, M., Murakami, Y., Nakashima, S. Ultrashort electromagnetic pulse radiation from YBCO thin films excited by femtosecond optical pulse [illegible]
Tonouchi, M. *see* Tani, M. [illegible]
Tonoya, N. *see* Sugisaka, M. [illegible]
Tonshoff, H.K. *see* [illegible]
Tontchev, D., Sainov, V., Stoilov, G. Noise filtering in the interference pattern by dynamic holographic recording in photorefractive $Bi_{12}TiO_{20}$ crystals [illegible]
TonThat, D.M., Clarke, J. Direct current superconducting quantum interference device spectrometer for pulsed nuclear magnetic resonance and nuclear quadrupole resonance at frequencies up to 5 MHz [illegible]
Tontiwachwuthikul, P., Chan, C.W., Kritpiphat, W., Jordan, C., Skoropad, D., Gelowitz, D., Aroonwilas, A., Mourits, F., Wilson, M., Ward, L. Carbon dioxide production from coal-fired power plants for enhanced oil recovery: a feasibility study in Western Canada 111781
Took, J.G. *see* Sabet, K.F. 120731
Toole, W.H., El-Masry, E.I., Manku, T. A novel highly linear 1 GHz switched-current sub-sampling mixer [illegible]
Tooley, F.A.P. Implementation of free-space digital optical systems 88556
Tooley, F.A.P. *see* Shang, A.Z. 88557
Tooley, F.A.P. *see* Walker, A.C. 85336
Toomey, F. *see* Bjorkman, N. 118047
Toomey, F. *see* Crosby, S. 78023
Toomey, F. *see* Duffield, N.G. 77579
Toonstra, J., Kinsner, W. Transient analysis and genetic algorithms for classification 77010
Toor, A.H., Zhu, S.-Y., Zubairy, M.S. Theory of the two-photon micromaser: linewidth 75776
Toosi, K.N. *see* Golkar, M.A. 102115
Toosi, K.N. *see* Golkar, M.A. 102116
Tooth, D.J., Finney, S.J., McNeill, J.N., Williams, B.W. Soft switching and interleaving for sinusoidal input current AC to DC step down converters 121534
Top, J. *see* Lembregts, F. 110068
Topalov, S. *see* Anischenko, N.G. 120106
Topalov, S.V. *see* Bazhanov, N.A. 69699
Topchishvili, L.S. Neutron irradiation of an NbTi superconductor 100745
Topcu, S. *see* Altintas, A. 88799
Topfer, H. *see* Oelze, B. 61989
Topic, M., Smole, F., Furlan, J. Band-gap engineering in CdS/Cu(In,Ga)Se_2 solar cells 81885
Topic, M., Smole, F., Furlan, J. Examination of defect pool model in numerical modelling of a-Si:H solar cells 81897
Topic, M., Smole, F., Furlan, J., Kusian, W. Stacked a-SiC:H/a-Si:H heterostructures for bias-controlled three-colour detectors 100019
Topic, M. *see* Furlan, J. 114708
Topic, M. *see* Groznik, A. 81896
Topinka, M. *see* Eriksson, M.A. 94456
Topiwala, P. High performance wavelet image compression optimized for MSE and HVS metrics [illegible]
Topol'nikov, V.A. Possibilities of laser ranging efficiency enhancement of cosmic objects 119323
Topolnitskii, V.N. Measuring system for determining the parameters required when designing cooled low-noise amplifiers 79662
Topol'nitskii, V.N. Equipment for measuring the noise parameters of transistors at low temperatures [illegible]
Topolnitsky, P. *see* Danik, Y. 87152
Topor-Kaminski, L., Pasko, M. Nullator/norator models of active circuits with controlled parameters 95572
Toporkov, V.P., Fedotov, V.V. Double rotor electrical machine equivalent reactances and EMF under dynamic regimes 71225
Toporkov, V.P., Fedotov, Ye.V. Equivalent reactances and electromotive forces of an electrical machine with two rotors under dynamic operating conditions 102608
Toporowsky, M. *see* Braunschweig, W. 69836
Toporowsky, M. *see* Braunschweig, W. 120140
Topuz, E. *see* Inanoglu, H. 97121
Topuz, E. *see* [illegible]
Torabi, A. *see* [illegible]
Torabi, A.F. *see* [illegible]
Torabi, B., Nutsch, A., Kratzer, H., Trankle, G., Weimann, G. Strained 1.55 μm GaInAsP/GaInAsP SCH MQW laser grown by CBE 107282
Torabi-Goudarzi, F. *see* Bagnall, D.M. 75961
Torabian-Esfahani, A. *see* Chow, Y.L. 83348
Toraichi, K., Kumamoto, T., Yamamoto, K., Yamada, H. Feature analysis of handprinted Chinese characters [illegible]
Toraichi, K. *see* [illegible]
Toraichi, K. *see* Kamada, M. 113808
Torato, M. *see* Shindo, T. 109017
Torayashiki, O., Takahashi, A., Tokue, R. Capacitive type 3-axis accelerometer 119637
Torazawa, K. *see* Suzuki, Y. 116143
Torbergsen, T., Stalberg, E., Brautaset, N.J. Generator sites for spontaneous activity in neuromyotonia. An EMG study 90499
Torbert, R. *see* Saxena, I. 69221
Torcolacci, D., Rinaldi, P., Santarelli, A., Vannini, G., Monaco, V.A. Nonlinear integral modelling of microwave silicon bipolar transistors 114300
Torcolacci, D. *see* Filicori, F. 114263
Torda, I. *see* Jurca, Z. 99004
Torda, I. *see* Vlatkovic, D. 99011
Torek, K. *see* Hwang, D.K. 105664
Torelli, C. *see* Bertocchi, A. 110038
Torelli, F. *see* Bualoti, R. 120993
Torelli, F. *see* La Scala, M. 102325
Torelli, G., Chioffi, E., Maloberti, F. A CMOS micropower input amplifier for hearing aids 90602
Torelli, G. *see* Brigati, S. 104640
Torelli, G. *see* Calligaro, C. 73400
Torelli, G. *see* Calligaro, C. 73401
Torelli, G. *see* Calligaro, C. 93109
Torelli, G. *see* Civardi, L. 83206
Torelli, G. *see* Colonna, V. 62064
Torelli, G. *see* Duque-Carrillo, J.F. 62054
Torg, J.S. *see* Ivancic, P.C. 70246
Torgashin, A.N. *see* D'yakonov, M.V. 88705
Torgashov, G.V. *see* Chernozatonskii, L.A. 73941
Torgashov, G.V. *see* Chernozatonskii, L.A. 83709
Torgashov, G.V. *see* Zakharchenko, Yu.F. 74004
Torgersen, T.C. *see* Nagy, J.G. 77402
Torgerson, D. *see* Hedin, R. 70777
Torgerson, W. *see* CuQlock-Knopp, V.G. 89297
Torgoashov, G.V. *see* Zakharchenko, Y.F. 83742
Torguet, R.J. *see* Bazzi, O. 87203
Torigian, G. A new look at a simple design [PCB wire terminations] 83631
Torigian, G., Martin, C.K. Surface mounting the hardware 94099
Torii, A., Ueda, A. Biomimetic actuator using ion-conducting polymer film 120513
Torii, H.A. *see* Niestroj, A. 80008
Torii, K. *see* Matsui, Y. 104537
Torii, S., Kasahara, H., Akita, S., Uyeda, K., Taniguchi, T., Tomeoku, H., Takahashi, R., Yamaguchi, K., Maki, N. Excitation characteristics of epoxy filled AC superconducting winding 102631
Torii, S., Yamaguchi, K., Ebihara, D. Shielding the flux leakage of magnetic circuit using high-Tc superconductors 91455
Torii, S. *see* Hosono, S. 84882
Torii, S. *see* Kasahara, H. 95399
Torii, S. *see* Kasahara, H. 95568
Torii, S. *see* Sugimoto, M. 121179
Torii, S. *see* Yasuda, I. 91702
Torii, Y., Tsuzuki, A., Kato, K., Uwamino, Y., Choi, B.H., Lee, W.J. Chemical processing and characterization of spinel-type thermistor powder in the Mn-Ni-Fe oxide system 62376
Torikai, E. *see* Okuno, K. 62506
Torikai, H., Saito, T. Occasional linear connection for synchronization of chaos 61582
Torikai, M. *see* Takeuchi, H. 73128
Torikai, T., Takesue, T., Nagamura, Y., Toyoda, Y., Kudoh, T., Akaiwa, Y. Noise cancellation method in an answer-back-current signal receiver for distribution power line communications 111610
Torikai, T. *see* Huang, Y. 65341
Torikai, T. *see* Huang, Y. 65365
Torikoshi, M. *see* Noda, K. 89755
Toriser, W. *see* Pavuza, F.G. 112575
Toriu, T., Endoh, T. Maximum likelihood estimator for structure and motion from multiple perspective views 86870
Toriumi, A. *see* Koga, J. 105978
Toriumi, A. *see* Satake, H. 94619
Toriwaki, J. *see* Mekada, Y. 70035
Toriwaki, J. *see* Shimizu, A. 90478
Toriwaki, J.I. *see* Matsumoto, T. 69942
Toriyama, S. *see* Kanamura, K. 81703
Torizuka, K. *see* Takada, H. 75876
Torizuka, Y. *see* Hayakawa, K. 96456
Torkamani-Azar, F., Tait, K.E. Image recovery using the anisotropic diffusion equation 117849
Torkar, K. *see* Hua Zhao 111027
Torkelson, M. *see* Nilsson, P. 61947
Torkelson, M. *see* Shousheng He 76695
Torkelson, M. *see* Shousheng He 93433
Torkelson, M. *see* Shousheng He 104519
Torkkola, K. Blind separation of convolved sources based on information maximization 108367
Torlak, M., Guanghan Xu, Hui Liu An improved signature waveform estimation approach in synchronous CDMA systems 109501
Torma, P. *see* Paul, H. 89095
Tormollen, D.L. *see* Niles, G. 121205
Tornai, M.P., Hoffman, E.J., MacDonald, L.R., Levin, C.S. Characterization of fluor concentration and geometry in organic scintillators for in situ beta imaging 101313
Tornai, M.P., MacDonald, L.R., Levin, C.S., Siegel, S., Hoffman, E.J. Design considerations and initial performance of a 1.2 cm^2 beta imaging intra-operative probe 101293
Tornai, M.P., MacDonald, L.R., Levin, C.S., Siegel, S., Hoffman, E.J. Design considerations and initial performance of a 1.2 cm^2 beta imaging intra-operative probe 110696
Tornai, M.P. *see* Levin, C.S. 90366
Tornai, M.P. *see* Levin, C.S. 101116
Tornai, M.P. *see* Levin, C.S. 110697
Tornai, M.P. *see* MacDonald, L.R. 80258
Tornambe, A. *see* Indri, M. 106405
Tornblad, O., Lindefelt, U., Breitholtz, B. Heat generation in Si bipolar power devices: the relative importance of various contributions 115133
Torner, L., Torruellas, W.E., Stegeman, G.I., Menyuk, C.R., Wright, E.M. Trapping of light beams and formation of spatial solitary waves in quadratic nonlinear media 107614
Torner, L., Wright, E.M. Soliton excitation and mutual locking of light beams in bulk quadratic nonlinear crystals 65490
Torner, L. *see* Torruellas, W.E. 65451
Tornita, H. *see* Nakajima, A. 113489
Tornow, M., Weiss, D., Klitzing, K.V., Shitara, T., Kurtenbach, A., Eberl, K. Magnetotransport phenomena in single AlGaAs/GaAs quantum wires grown on laterally patterned substrates 62993

Tornow, M., Weiss, D., von Klitzing, K., Eberl, K., Bergman, D.J., Strelniker, Y.M. Anisotropic magnetoresistance of a classical antidot array 74452
Tornow, M. *see* Manolescu, A. 105282
Toro, M. *see* Gordillo, F. 101835
Torok, C. *see* Gmiterko, A. 89523
Torok, E.J. *see* Chun, C.S.L. 69277
Torok, O. *see* Varga, P. 116586
Toropainen, A.P. Feasibility study of the microwave two-polarized forward-scattering measurement 69461
Toropainen, A.P. Set-up for measuring changes in the average size of wooden chips by microwave scattering 69477
Toropov, A.A., Ivanov, S.V., Shubina, T.V., Lebedev, A.V., Sorokin, S.V., Il'inskaya, N.D., Maksimov, M.V., Kop'ev, P.S. Electroabsorption and lasing in diodes with ZnCdSe/ZnSeS quantum wells 63007
Toropov, A.A., Shubina, T.V., Ivanov, S.V., Lebedev, A.V., Sorokin, S.V., Oh, E.S., Park, H.S., Kop'ev, P.S. Quantum-confined Franz-Keldysh effect in (ZnCdSe)/(ZnSeS) quantum-well laser diodes 75930
Toropov, A.A. *see* Cao, S.M. 114765
Toropov, A.I. *see* Budantsev, M.V. 62896
Toropov, A.I. *see* Budantsev, M.V. 105422
Toropov, A.I. *see* Gaisler, V.A. 105322
Toropov, A.I. *see* Zhuravlev, K.S. 113357
Torosyan, G. *see* Sarkisyan, D. 76175
Torp, A.H. *see* Olstad, B. 117555
Torpo, A. *see* Schonberg, T. 99686
Torr, P. *see* Beardsley, P. 67321
Torralba, A., Chavez, J., Franquelo, L.G. FASY: a fuzzy-logic based tool for analog synthesis 73046
Torralba, A.J., Chavez, J., Franquelo, L.G. Fuzzy-logic-based analog design tools 93068
Torralba, A.J. *see* Tombs, J. 114165
Torrance, J.M., Hanzo, L. Optimisation of switching levels for adaptive modulation in slow Rayleigh fading 76704
Torrance, J.M., Hanzo, L. Demodulation level selection in adaptive modulation 108109
Torrance, J.M., Keller, T., Hanzo, L. Multi-level modulation in the indoors leaky feeder environment 118769
Torrance, J.M. *see* Woodard, J.P. 109285
Torrance, R. *see* Gillingham, P. 73395
Torre, A. *see* Bulfone, D. 76053
Torre, A. *see* Dattoli, G. 65383
Torre, A. *see* Dattoli, G. 107357
Torre, A. *see* Walker, R.P. 96521
Torre, A. *see* Yongjian Yu 111336
Torre, E.D. *see* Vajda, F. 64443
Torre, E.de la *see* de la Torre, E.
Torre, E.Della *see* Della Torre, E.
Torre, J.I.Martinez *see* Martinez Torre, J.I.
Torre, V. *see* Giachetti, A. 67286
Torre Stella, M., Ramirez Molina, A., Zambrano Duque, C. Data interchange among utilities dispatch control centers 103191
Torreao, J.R.A., Carvalho, B.M., Mattos, G.M. Binocular fusion of photometric stereo images 86848
Torren, L.Van den *see* Van den Torren, L.
Torres, A., Kolodinski, S., Donaton, R.A., Maex, K., Roussel, P., Bender, H. New process for the controlled formation of ultra-thin PtSi films for infrared detector applications 79423
Torres, C.M.S. *see* Ledentsov, N.N. 107223
Torres, C.M.S. *see* Lockwood, D.J. 62996
Torres, C.M.S. *see* Tang, Y.S. 63001
Torres, C.M.S. *see* Wang, P.D. 63015
Torres, C.M.Sotomayor *see* Sotomayor Torres, C.M.
Torres, D. *see* Coutsias, E.A. 61035
Torres, E.L. *see* Neves, N. 92567
Torres, F., Camps, A., Bara, J., Corbella, I., Ferrero, R. On-board phase and modulus calibration of large aperture synthesis radiometers: study applied to MIRAS 90756
Torres, F. *see* Martin-Neira, M. 111184
Torres, F. *see* Martin-Neira, M. 111288
Torres, J. *see* Jagathesan, S. 80469
Torres, J.A. *see* Derzon, M.S. 69645
Torres, J.L. *see* Canizares, P. 119364
Torres, L., Zazo, M., Iniguez, J., Francisco, C.D., Munoz, J.M., Hernandez, P. Comparison between disaccommodation and ferromagnetic resonance measurements in polycrystalline yttrium-iron-garnet samples 64338
Torres, M. *see* Millan, A.J. 102744
Torres, M.I., Iparraguirre, P. Acoustic parameters for place of articulation identification and classification of Spanish unvoiced stops 97640
Torres, P., Caseiro, C., Gusmao, A. Adaptive error control coding for a Mobile Broadband System 118988
Torres, P., Meier, J., Fluckiger, R., Kroll, U., Selvan, J.A.A., Keppner, H., Shah, A., Littelwood, S.D., Kelly, I.E., Giannoules, P. Device grade microcrystalline silicon owing to reduced oxygen contamination 105094
Torres, P. *see* Goerlitzer, M. 116206
Torres, R. *see* Mancini, P. 120734
Torres, T. *see* Diaz-Garcia, M.A. 85631
Torres, T. *see* Diaz-Garcia, M.A. 107548
Torres, Y. *see* Keryer, G. 77189
Torres Pereira, J., Lopes Ribeiro, A., Ferreira Fernandes, C., Cruz Serra, A. Large signal transient response of long-wavelength injection lasers 116568
Torres-Cisneros, G.E. *see* Marti-Panameno, E. 85389
Torres-Cisneros, M. *see* Marti-Panameno, E. 85389
Torres-Moreno, R. *see* Ferland, G. 70256
Torresani, B. *see* Beylkin, G. 66748
Torrey, D.A. *see* Elasser, A. 63685
Torrey, D.A. *see* Elasser, A. 112053
Torrey, D.A. *see* Elasser, A. 115184
Torri, G. *see* Gatti, E. 121764
Torricelli, A. *see* Mutti, P. 94262
Torrico, S.A., Bertoni, H.L., Lang, R.H. Theoretical investigation of foliage effects on path loss for residential environments 116883
Torrico Bascope, G.V., Barbi, I. Isolated flyback-current-fed push-pull converter for power factor correction 121778
Torrieri, D. A linear transform that simplifies and improves neural-network classifiers 108357
Torrini, M. *see* Giordano, H. 82627
Torrioli, G. *see* Castellano, M.G. 106698
Torroba, R., Henao, R., Rabal, H. Digital implementation of a shadow mask method 85752
Torroba, R. *see* Carletti, C. 64856
Torroba, R. *see* Rabal, H. 65576
Torroja, Y. *see* Riesgo, T. 60568
Torruellas, W. *see* Krijnen, G.J.M. 76190
Torruellas, W.E., Myoungsik Cha, Stegeman, G.I., Osaheni, J.A., Jenekhe, S.A. Third order nonlinear optical spectroscopy and two photon states in rigid-rod benzobisthiazole polymers 76220
Torruellas, W.E., Stegeman, G.I., Torner, L. Observation of two-dimensional spatial solitary waves in a $\chi^{(2)}$ medium 65451
Torruellas, W.E. *see* Fuerst, R.A. 107615
Torruellas, W.E. *see* Lawrence, B.L. 107576
Torruellas, W.E. *see* Torner, L. 107614
Torruellas, W.E. *see* VanStryland, E.W. 107616
Torry, J.N. *see* Hebden, J.E. 70127
Torshin, Yu.V. Experimental investigations of predischarge channels in compressed SF$_6$ 75049
Torsi, L. *see* Dodabalapur, A. 62503
Torsi, L. *see* Lovinger, A.J. 74299
Torstenfelt, B. *see* Fransson, M. 102387
Tortoli, P., Guidi, F., Guidi, G., Atzeni, C. Spectral velocity profiles for detailed ultrasound flow analysis 90375
Tortorici, A. *see* Ala, G. 97177
Torun, Y. *see* Palmer, R.B. 79798
Torvik, J.T., Feuerstein, R.J., Pankove, J.I., Qiu, C.H., Namavar, F. Electroluminescence from erbium and oxygen coimplanted GaN 116213
Torzo, G. *see* Berti, M. 92757
Torzo, G. *see* Rossetto, G. 61265
Torzsok, I. *see* Kovacs, B. 95075
Tosa, M., Itakura, A., Harada, M., Kasahara, A., Yoshihara, K. XHV integrated process with magnetic levitation transports 94156
Tosa, M. *see* Liu, J. 100500
Tosaka, S., Shishido, Y., Sasaki, N., Ikeuchi, S., Ebinuma, Y. Development of insulation monitoring system for medium voltage XLPE cable 111636
Tosaka, T. *see* Yazawa, T. 102053
Tosaka, Y., Suzuki, K., Satoh, S., Sugii, T. Theoretical study of alpha-particle-induced soft errors in submicron SOI SRAM 93357
Tosaka, Y. *see* Suzuki, K. 63656
Tosaka, Y. *see* Suzuki, K. 74727
Tosalli, M. *see* Barberis, S. 78419
Tosato, F. *see* Giadrossi, G. 103090
Tosato, F. *see* Quaia, S. 102271
Toscano, A., Vegni, L. Characteristics of propagation of waveguides filled with an ω-medium 65950
Toscano, A. *see* Popovski, B. 66125
Toscano, A. *see* Vegni, L. 85830
Toscano, A. *see* Vegni, L. 97387
Toscano, A. *see* Vegni, L. 107965
Toscano, A. *see* Vegni, L. 108039
Toscano, A. *see* Vegni, L. 108042
Toschek, P.E., Appasamy, B., Courteille, P., Huesmann, R., Stalgies, Y. Noise of a single-ion frequency standard 119517
Toschek, P.E. *see* Gurlit, W. 69557
Toschek, P.E. *see* Steiner, I. 96115
Tosello, F. *see* Dehning, B. 79949
Toshima, S. *see* Inoue, N. 82764
Toshima, S. *see* Inoue, N. 92918
Toshiyoshi, H., Fujita, H. A high yield releasing technique by using a silicon oxide diaphragm 115383
Tosi, L. *see* Bocchetta, C.J. 79809
Tosi, L. *see* D'Auria, G. 79875
Tosi, L. *see* Svandrlik, M. 100632
Tosi, M. *see* Arri, E. 102817
Tosic, B.S. *see* Rancic, P.D. 70987
Tosic, D.V., Hribsek, M.F., Reljin, B.D. Generation and design of new continuous-time second order gain equalizers using program SALEC 73589
Tosic, D.V., Reljin, B.D. Symbolic analysis of electric circuits using the program SALEC 93059
Tosic, D.V. *see* Perovich, S.M. 93094
Tosin, G. Construction and characterization of combined function quadrupoles 89804
Tosin, G. *see* Farias, R.H.A. 89803
Tosini, R. *see* Farina, A. 101655
Toskala, A. *see* Holma, H. 109441
Toskala, A. *see* Hottinen, A. 88389
Toso, G. *see* Pelosi, G. 97028
Tospann, F.-J. *see* Brokmeier, A. 79005
Tossan, D., Baker, L., Budge, K. The strategic importance of data warehousing in a de-regulated telecommunications market 87542
Tostenrude, J. *see* Garvey, D.W. 106804
Tosuner, C. *see* Phillips, W.J. 76855
Totani, H., Goto, H., Ikeda, M., Yada, T. Miniature 3D optical scanning sensor for pipe-inspection robot 89098
Totani, H. *see* Sakata, M. 75034
Totani, H. *see* Wakabayashi, S. 74923
Toth, A. *see* Belas, E. 74237
Toth, A. *see* Belas, E. 74607
Toth, C. *see* Farkas, G. 107515
Toth, E. *see* Gal, L. 72149
Toth, F. *see* Adam, T. 103115
Toth, F.N., Bertels, D., Meijer, G.C.M. A low-cost, stable reference capacitor for capacitive sensor systems 69087
Toth, F.N., Meijer, G.C.M., Kerkvliet, H.M.M. A very accurate measurement system for multielectrode capacitive sensors 69058
Toth, F.N., Zapico, J.A., Meijer, G.C.M. A low-cost capacitive personnel detector with fuzzy logic position estimation 119604
Toth, G. *see* Nemes, L. 86329
Toth, G.J. *see* Kovacs, S. 113159
Toth, J.M., Mason, R., Runtz, K. The application of adaptive FIR filters to precise navigation 99683
Toth, L. *see* Iovu, M.S. 75692
Toth, P. *see* Caprara, A. 113129
Tothfalusi, L., Endrenyi, L. Algorithms for robust nonlinear regression with heteroscedastic errors 113208
Totsujia, H. *see* Tachibana, T. 62947
Totsuka, M. *see* Habibi, S. 63312
Totsuka, T. *see* Rouse, N. 109954
Totsuka, Y. Kamiokande and Super-Kamiokande 80118
Totsuka, Y. *see* Kasuga, S. 80014
Totta, P. *see* Datta, M. 60636
Totta, P.A. *see* Liu, A.A. 103422
Totta, P.A. *see* Puttlitz, K.J. 114467
Totten, C.R. Managing moisture-sensitive devices. I. External material pipeline considerations 114431
Totten, C.R. Managing moisture-sensitive devices. II. Internal material pipeline considerations 114445
Totterman, S.M.S., Miller, R.J., McCance, S.E., Meyers, S.P. Lesions of the triangular fibrocartilage complex: MR findings with a three-dimensional gradient-recalled-echo sequence 80364
Totty, J.B. *see* DeCaro, R.E. 94129
Totzke, J., Welscher, J. A prototyped implementation of B-ISDN signalling at the network node interface 78112
Tou, T.Y., Beak, K.W., Chen, Y.H. One-dimensional modelling of TEA CO$_2$ lasers 65027
Touam, T., Najafi, S.I. Accurate analysis of reflective and diffractive gratings for integrated optics 95787
Touati, D. *see* Guimbal, P. 96547
Touati, H. *see* Shiple, T.R. 73230
Touati, M.H., Mohamed, F., Marzouki, M. System fault diagnosis based on a fuzzy qualitative approach 73246
Touati, M.H. *see* Mohamed, F. 72244
Touayar, O., Reyn, H., Bastie, J., Varpula, T. Indirect comparison of cryogenic radiometers from the INM (France) and the VTT (Finland) with a QED-200 from the VSL (Netherlands) 89081
Touayar, O. *see* Kohler, R. 89079
Touba, N.A., McCluskey, E.J. Test point insertion based on path tracing 104464
Touba, N.A., McCluskey, E.J. Applying two-pattern tests using scan-mapping 104493
Touboul, A. *see* Fouillat, P. 74848
Touboul, A. *see* Fouillat, P. 106180
Touboul, A. *see* Modjtahedi, A. 113754
Touboul, A. *see* Riviere, V. 115365
Touboul, A. *see* Saysset, N. 115229
Touch, J.D. Protocol parallelization 118138
Touchard, G. *see* Watanabe, S. 69095
Touchard, G.G., Patzek, T.W., Radke, C.J. A physicochemical explanation for flow electrification in low-conductivity liquids in contact with a corroding wall 107748
Touchi, K. *see* Hashimoto, K. 63476
Touchi, K. *see* Onoda, H. 94837
Touchi, Y. *see* Ito, N. 79919
Tougaw, P.D., Lent, C.S. Dynamic behavior of quantum cellular automata 115259
Tougelidis, G. *see* Simos, T.E. 103735
Toughlian, E.N. *see* Zmuda, H. 68648
Touhami, A., Bouhdada, A. Interface states effect and influence of the topological and technological parameters on the transfer inefficiency in the surface charge-coupled device (SCCD) 63533
Touhami, O. *see* Guesbaoui, H. 91555
Touhara, H. *see* Ning Liu 102942
Toukhy, M., McCormick, G. Standing waves reducing additives [photoresists] 105803
Toukhy, M., Schlicht, K., Morra, P., Chanthalyma, S. High throughput process optimization using the EZ technique 105813
Toukhy, M. *see* Medina, A. 105795
Toukubo, R. *see* Ikezaki, H. 69331

Toulhoat, N. *see* Potocek, V. 100386
Toulouse, A., Nouet, P. Capacitance modelling of submicronic MOS transistor based on on-chip measurements 84609
Toulouse, A. *see* Nouet, P. 115337
Touma, M., Tidblad, S., Luomi, J. 3D finite-element analysis of eddy-current losses in hydrogenerator end regions 91383
Toumazou, C., Park, S.M. Wideband low noise CMOS transimpedance amplifier for gigaHertz operation 73807
Toumazou, C. *see* Eskiyerli, M.H. 104702
Toumazou, C. *see* Mahattanakul, J. 104351
Toumazou, C. *see* Mahattanakul, J. 114148
Toumazou, C. *see* Manetakis, K. 73105
Toumazou, C. *see* Manetakis, K. 74828
Toumazou, C. *see* Manetakis, K. 114152
Toumazou, C. *see* Ngarmnil, J. 62018
Toumazou, C. *see* Payne, A. 104290
Toumazou, C. *see* Setty, S. 61669
Toumazou, C. *see* Shah, P. 114067
Toumazou, C. *see* Thart Fah Voo 115177
Toumazou, C. *see* Voo, T. 104689
Touminen, M. *see* Kordina, O. 103913
Tounsi, P. *see* Dorkel, J.-M. 104338
Tounsi, P. *see* Dupuy, P. 104330
Toupikov, M. *see* Guang-Wen Pan 95163
Toupin, M. *see* Nakra, H. 104348
Tour, J.M. *see* Bumm, L.A. 73894
Tournadre *see* Elfouhaily, T. 120805
Tournai, D.C.de *see* de Tournai, D.C.
Tournemine, R.Larue de *see* Larue de Tournemine, R.
Tourneret, J.-Y., Chabert, M., Ghogho, M. Detection and estimation of multiplicative jumps 117470
Tourneret, J.-Y., Lacaze, B. MA blind identification based on order statistics application to binary-driven systems 97731
Tourneur, G.Le *see* Le Tourneur, G.
Tourneur, P.Le *see* Le Tourneur, P.
Tournie, E. *see* Faurie, J.P. 76015
Tournier, R. *see* Noudem, J.G. 106668
Tournois, P. *see* Loiseaux, B. 76302
Tourreil, C.de *see* de Tourreil, C.
Tourtier, P. *see* Carrara, B. 68594
Tousek, J. Photovoltaic effect in Schottky diodes and heterojunctions with recombination in the space charge region 75687
Tousignant, D., Bolduc, L., Dutil, A. A method for the indication of power transformer saturation 121540
Tousley, B. *see* Paolella, A. 89106
Tousley, B.C. *see* Litynski, D.M. 72132
Tousley, B.C. *see* Tait, G.B. 100013
Toussaere, E. *see* Sayah, A. 106821
Toussaint, M. *see* McGillis, D.T. 70836
Toutain, F., Huber, O. A general preemption-based admission policy using a smart market approach 87954
Toutain, L. *see* Elloumi, O. 87933
Toutain, S. *see* Cousin, P. 66083
Toutain, S. *see* Diouris, J.F. 68124
Toutain, S. *see* Hettak, K. 62203
Toutain, S. *see* Hettak, K. 93661
Toutain, S. *see* Le Berre, D. 65332
Toutain, S. *see* Le Gouguec, T. 66142
Toutain, S. *see* Saboundji, H. 65993
Toutain, S. *see* Sheta, A.F. 83320
Toutain, S. *see* Stephan, L. 83468
Toutain, S. *see* Tanne, G. 62199
Touvannas, G. *see* Shannon, T.P. 81268
Touw, A. *see* Gilhuijs, K.G.A. 70217
Touzani, R. Analysis of an eddy current problem involving a thin inductor 76346
Touzel, J., Neumann, J., Lorenz, H., Boit, C., Korner, H., Schurg, S. Localization of soft tungsten contact fails with reliability implications by innovative reverse engineering techniques 114361
Touzene, H. *see* Bellaouar, A. 93259
Touzi, R., Lopes, A., Bruniquel, J., Vachon, P. Unbiased estimation of the coherence from multi-look SAR data 120901
Touzni, A., Fijalkow, I., Treichler, J.R. Robustness of fractionally-spaced equalization by CMA to lack of channel disparity and noise 117921
Tovey, C.A. *see* Eben-Chaime, M. 61526
Tow, D.Bar *see* Bar Tow, D.
Towe, B.C., Flechsig, S., Spaulding, G. A recirculating-flow fluorescent oxygen sensor 79582
Towe, B.C., Guilbeau, E.J., Coburn, J.B. In vivo and in vitro deactivation rates of PTFE-coupled glucose oxidase 79581
Towe, E. *see* Henderson, R.H. 83961
Towe, E. *see* Unlu, M.S. 65269
Towe, E. *see* Weiser, K. 116226
Tower, J. *see* Ambrose, J. 70580
Towers, D.P. *see* Buckberry, C.H. 82787
Towers, J.D. *see* Berry, J.L. 69955
Towers, M.S. *see* Charles, A. 65815
Towers, M.S. *see* Chen, X.B. 63514
Towers, M.S. *see* Mawby, P.A. 63646
Towler, F. *see* Pilo, H. 73353
Towler, M.J. *see* Bryan-Brown, G.P. 85126
Towlson, W. *see* Halpern, M. 99701
Town, G. *see* Krug, P.A. 78701
Town, G.E. *see* Afanasjev, V.V. 107154
Town, G.E. *see* Soto-Crespo, J.M. 107159
Towner, F.J. Room temperature red light photoluminescence from AlGaAs multiple quantum well structures at very low excitation intensities 83963
Townsend, D., Kinahan, P., Beyer, T., Jadali, F., Sashin, D., Mintun, M. Performance characteristics of PET scanners operated in 3D mode 80237
Townsend, D. *see* Beyer, T. 70067
Townsend, D. *see* Defrise, M. 80238
Townsend, D.W. *see* Bailey, D.L. 101108
Townsend, D.W. *see* Kinahan, P.E. 101113
Townsend, J.E. *see* Glas, P. 65093
Townsend, J.S. *see* Garvey, D.W. 106804
Townsend, P.D. *see* Huang, X. 95712
Townsend, P.D. *see* Sharp, J.H. 75521
Townshead, J. *see* DeFries, R. 111318
Townshend, J. *see* Chellappa, R. 98329
Townshend, J. *see* Fallah-Adl, H. 77463
Towrie, M. *see* Matousek, P. 76178
Towsley, D. *see* Firoiu, V. 87721
Towsley, D. *see* Hong Yang 77665
Towsley, D. *see* Presti, F.L. 87403
Towsley, D. *see* Ramjee, R. 88204
Towsley, D. *see* Salehi, J.D. 78169
Towsley, D. *see* Salehi, J.D. 98773
Towsley, D. *see* Yates, D.J. 77732
Towsley, D. *see* Zhen Liu 87398
Toy, R.L. *see* Ramesh, R. 99154
Toya, A. *see* Katsuta, G. 102208
Toya, A. *see* Kobayashi, T. 111638
Toya, Y. *see* Sakamoto, H. 91849
Toyada, H. *see* Takada, A. 73456
Toyama, H. *see* Ji, H. 71346
Toyama, H. *see* Senjyu, T. 71310
Toyama, J., Akatsuka, T., Takano, S., Tadakuma, A., Mori, T., Suga, S., Sano, Y. An electrophoretic matrix display with external logic and driver directly assembled to the panel 89410
Toyama, K., Hager, G.D. Tracker fusion for robustness in visual feature tracking 66976
Toyama, K., Hager, G.D. Incremental focus of attention for robust visual tracking 86381
Toyama, K., Hager, G.D., Wang, J. Servomatic: a modular system for robust positioning using stereo visual servoing 86771
Toyama, K. *see* Hager, G.D. 67306
Toyama, K. *see* Kanai, Y. 70214
Toyama, M., Okada, M., Komaki, S. Maximal ratio combining macro diversity for micro-cellular slotted ALOHA 78428
Toyama, N. *see* Mitsumoto, H. 109903
Toyama, N. *see* Mizunami, T. 61383
Toyama, S. *see* Hayakawa, K. 96456
Toyama, S. *see* Yosoi, M. 120231
Toyama, T., Hiratsuka, K., Okamoto, H., Hamakawa, Y. Hot-electron induced electroluminescence and avalanche multiplication in hydrogenated amorphous silicon 94383
Toyama, T., Matsui, T., Kurokawa, Y., Okamoto, H., Hamakawa, Y. Visible photo- and electroluminescence from electrochemically formed nanocrystalline Si thin film 96039
Toyama, T., Sato, H. Prospect for polarized beam acceleration at the KEK PS 119986
Toyama, T. *see* Murayama, K. 94513
Toyama, T. *see* Sakai, I. 100718
Toye, G. *see* Leifer, L. 80500
Toyoda, E. *see* Tezuka, M. 96976
Toyoda, H., Kawanoue, T., Ito, S., Hasunuma, M., Kaneko, H. Effects of aluminum texture on electromigration lifetime 115004
Toyoda, H., Kobayashi, Y., Mukohzaka, N., Yoshida, N., Igasaki, Y., Hara, T. Fingerprint identification system with optical correlation 87245
Toyoda, H. *see* Goto, M. 104087
Toyoda, H. *see* Igasaki, Y. 85132
Toyoda, H. *see* Yoshida, N. 85131
Toyoda, I., Tokumitsu, T., Aikawa, M. Highly integrated three-dimensional MMIC single-chip receiver and transmitter 93861
Toyoda, I. *see* Nishikawa, K. 104879
Toyoda, I. *see* Onodera, K. 93878
Toyoda, I. *see* Tokumitsu, T. 83434
Toyoda, J. *see* Saitoh, H. 80854
Toyoda, J. *see* Saitoh, H. 121084
Toyoda, K. Bibliography of ferroelectrics 72032
Toyoda, K. *see* Harada, N. 103050
Toyoda, K. *see* Ilev, I. 76148
Toyoda, K. *see* Ilev, I.K. 107157
Toyoda, K. *see* Ilev, I.K. 119711
Toyoda, K. *see* Midorikawa, K. 116637
Toyoda, K. *see* Nagata, Y. 65022
Toyoda, K. *see* Sugioka, K. 105554
Toyoda, M. *see* Arimoto, Y. 68382
Toyoda, M. *see* Arimoto, Y. 78838
Toyoda, N. *see* Tsuda, M. 102177
Toyoda, N. *see* Yamada, I. 84118
Toyoda, N. *see* Yoshida, A. 94784
Toyoda, S. High efficiency amplifiers for 8 GHz band 83383
Toyoda, T., Kato, K. Photoacoustic spectra of CdInGaS$_4$ with a DC electric field 83877
Toyoda, T., Katoh, T., Kameoka, Y., Miyazawa, T., Sakuma, H. Library generation system for ASIC cells: OCTOPUS V5 74799
Toyoda, T. *see* Funatsu, E. 87247
Toyoda, T. *see* Nakamoto, T. 81593
Toyoda, Y. *see* Furuya, T. 91883
Toyoda, Y. *see* Kakimoto, F. 69777
Toyoda, Y. *see* Nitta, Y. 73370
Toyoda, Y. *see* Torikai, T. 111610
Toyodai, S., Hamadai, H. Band-pass filters mounted with cylindrical dielectric resonators in cutoff waveguides 114229
Toyoguchi, Y. *see* Ohta, K. 71664
Toyohara, A. *see* Kanda, T. 72263
Toyokawa, K. *see* Yamashita, A. 108569
Toyoki, N. *see* Tone, H. 67824
Toyokura, M., Ishida, A., Murakami, K. Follow-up study on F-wave in patients with lumbosacral radiculopathy. Comparison between before and after surgery 90541
Toyonaka, T. *see* Shinoda, K. 75920
Toyooka, T. *see* Ikeda, Y. 115773
Toyooka, T. *see* Mukai, J. 85116
Toyooka, T. *see* Sonobe, Y. 115767
Toyooka, Y. *see* Kato, K. 71131
Toyoshima, G. *see* Funada, M. 93906
Toyoshima, H., Satoh, K., Ariyama, K. High-speed hardware algorithms for Chinese remainder theorem 113933
Toyoshima, H. *see* Kuhara, S. 73351
Toyoshima, K. CDV reduction shaping algorithm in ATM networks 67541
Toyoshima, M. *see* Arimoto, Y. 68382
Toyoshima, M. *see* Arimoto, Y. 78838
Toyoshima, N. *see* Kikuchi, M. 106704
Toyoshima, N. *see* Ninomiya 64569
Toyoshima, T. *see* Kaseya, H. 65156
Toyota, A. *see* Fudo, H. 71222
Toyota, T. *see* Chen, P. 60694
Toyota, Y. *see* Nakagawara, O. 84674
Tozaki, T., Kawata, Y., Niki, N., Ohmatsu, H., Eguchi, K., Moriyama, N. 3D image analysis of lung area using thin slice CT images 101264
Tozaki, T. *see* Makino, M. 71164
Tozawa, Y. *see* Matsuyama, K. 88005
Tozer, R., Lozano Serrano, M.A., Valero Capilla, A., James, R. Thermoeconomics applied to an air conditioning system with cogeneration 122088
Tozer, R.C. *see* Simpson, J.C. 101359
Tozer, T.C. Developments in VSAT systems 78588
Tozer, T.C. *see* Baines, S.J. 78382
Tozer, T.C. *see* Grace, D. 97111
Tozer, T.C. *see* Grace, D. 119026
Trabant, A.M. *see* Rand, J.A. 112358
Trabelsi, C. Linear adaptive prediction using LMS algorithm over Rician fading channels 68057
Trabelsi, S. *see* Krazewski, A.W. 110329
Traca de Almeida, A. *see* Lobo, J. 69075
Tracey, J.M. *see* Barchett, L.D. 118079
Trachtenberg, I. *see* Bushman, S. 63399
Trachtler, A. An electromagnetic flowmeter for measuring rheological parameters and reconstructing the flow profile 69042
Tracogna, S. *see* Jackiewicz, Z. 103777
Tracy, B.T. *see* Hirsave, P.P. 120844
Tracy, C.E. *see* Bechinger, C. 95814
Tracy, D.S., Singh, H.P., Raghuvanshi, H.S. Some shrinkage estimators for the variance of exponential density 60715
Tracy, J. *see* Hobbs, T. 70275
Traczyk, M. *see* Slapa, M. 90650
Traczyk, M. *see* Slapa, M. 101460
Trad, O. *see* Mombello, E. 111708
Traenkle, G. *see* Leitenstorfer, A. 62762
Trafas, B.M. *see* Nikoonahad, M. 85778
Trager, D. *see* Fujimori, I. 114028
Trager-Cowan, C., Bagnall, D.M., McGow, F., McCallum, W., O'Donnell, K.P., Smith, P.C., Wright, P.J., Cockayne, B., Prior, K.A., Mullins, J.T., Horsburgh, G., Cavenett, B.C. Electron beam pumping of CdZnSe quantum well laser structures using a variable energy electron beam 75953
Tragoudas, S. Min-cut partitioning on underlying tree and graph structures 61515
Tragoudas, S. *see* Kagaris, D. 73216
Tragoudas, S. *see* Kagaris, D. 104490
Trahanias, P.E., Karakos, D., Venetsanopoulos, A.N. Directional processing of color images: theory and experimental results 77256
Trahanias, P.E. *see* Georgiannakis, G.Y. 78132
Trahern, C.G. *see* Wei, J. 79946
Trahms, L. *see* Burghoff, M. 101073
Trahms, L. *see* Zhang, Y. 64553
Trai-Ming Yeh *see* Tzong-Jih Cheng 80182
Traikova, I. *see* Zubov, P.T. 70172
Trainham, R. *see* Massmann, P. 110526
Trainor, M.E. *see* Eng, R.S. 107049
Trainor, M.J. *see* Aiguo Yin 84403
Trainor, M.J. *see* Brotherton, S.D. 84605
Traiser, J. *see* Mathes, A. 68762
Traito, K.B. *see* Fleisher, V.G. 106666
Trajanovic, Z. *see* Takeuchi, I. 84886
Trajkovic, A.P., Ristic, S.D., Prijic, Z.D. Modeling of minority-carrier transport at silicon graded n-n$^+$ junctions. II. Case study 63548
Trajkovic, A.P. *see* Prijic, Z.D. 63547
Trajkovic, T. *see* Pantic, D. 84451
Trakhtenberg, E., Gluskin, E., Den Hartog, P., Klippert, T., Wiemerslage, G., Xu, S. The vacuum system for insertion devices at the Advanced Photon Source 100431
Trakhtenberg, E. *see* Gluskin, E. 101000
Trakhtenberg, I.S. *see* Davletshin, A.E. 88879
Tralhao, L. *see* Gomes, T. 76671
Tralle, I.E., Sizjuk, V.A. Beam instability and space-charge wave amplification caused by the electron injection out of QW into 2DEG 105395
Tralli, V. *see* Mazzini, G. 68240
Tralli, V. *see* Mazzini, G. 88209

Tram, H. *see* Mo-Yuen Chow 121076
Tram, H. *see* Mo-Yuen Chow 121140
Tram, H. *see* Yeh, E.-C. 121139
Trambarulo, R. *see* Schneider, M.V. 68073
Trambitas, C. *see* Hantila, F. 104256
Tramontana, J. *see* Thornton, R. 65241
Tramontana, J. *see* Zou, Y. 65330
Trampert, A. *see* Notzel, R. 113380
Tran, A.T.T.D., Haronian, D., McDonald, N., Lo, Y.H. Electro-mechanically tunable micro Fabry-Perot filter array 64876
Tran, A.T.T.D., Lee, J.J., Zhang, K., Lo, Y.-H. Ultrafine motion detection of micromechanical structures using optical moire patterns 89053
Tran, A.T.T.D. *see* Christenson, G.L. 64623
Tran, C. *see* Grieshaber, W. 116218
Tran, C. *see* Shul, R.J. 94782
Tran, C. *see* Steckl, A.J. 113464
Tran, D.P., Tian, M., Ligthart, L.P., Hajian, M. Antenna element miniaturization and the use of airgap matching techniques 66056
Tran, H. *see* Lee, P.W. 72904
Tran, H. *see* Mizuno, S. 63458
Tran, H.J. *see* Koscielniak, S. 89877
Tran, H.T. Three-wave spatial solitons in quadratic media 76195
Tran, H.Van *see* Van Tran, H.
Tran, J.M. *see* Corsi, M. 62050
Tran, L., Cowles, J., Lai, R., Block, T., Liu, P., Oki, A., Streit, D. Monolithic integration of InP HBT and HEMT by selective molecular beam epitaxy 93938
Tran, L., Delaney, M., Isobe, R., Jang, D., Brown, J. Frequency translation MMICs using InP HEMT technology 83453
Tran, L., Delaney, M., Isobe, R., Jang, D., Brown, J. Frequency translation MMICs using InP HEMT technology 83481
Tran, L., Isobe, R., Delaney, M., Rhodes, R., Jang, D., Brown, J., Nguyen, L., Le, M., Thompson, M., Liu, T. High performance, high yield millimeter-wave MMIC LNAs using InP HEMTs 83442
Tran, L. *see* Block, T.R. 84345
Tran, L. *see* Brug, J.A. 64422
Tran, L. *see* Cowles, J. 63613
Tran, L.T. *see* Huei Wang 114320
Tran, L.T. *see* Kobayashi, K.W. 62322
Tran, L.T. *see* Kobayashi, K.W. 83531
Tran, M. *see* Parekh, B. 94803
Tran, M. *see* Tondos, M. 91783
Tran, P., Pellegrini, C., Cornacchia, M., Lee, M., Corbett, W. Nonlinear beam dynamics experimental program at SPEAR 120022
Tran, P.M. *see* Smolinske, J.C. 109496
Tran, T. *see* Mueller, K.A. 79787
Tran, T.A. *see* Bhatia, V. 79486
Tran, T.D., Feikert, J., Pekala, R.W., Miller, J., Dunn, B. Lithium intercalation in porous carbon electrodes 112303
Tran, T.D., Peikert, J.H., Mayer, S.T., Song, X., Kinoshita, K. Carbonaceous materials as lithium intercalation anodes 81667
Tran, T.D. *see* Pekala, R.W. 104899
Tran, T.K., Parikh, A., Kelz, T., Tomm, J.W., Hoerstel, W., Schaefer, P., Wagner, B.K., Pearson, S.D., Bicknell-Tassius, R., Summers, C.J. Properties of $Hg_{0.7}Cd_{0.3}Te$/CdTe superlattices with semiconducting wells 74408
Tran, T.K., Park, W., Tomm, J.W., Wagner, B.K., Jacobsen, S.M., Summers, C.J., Yocom, P.N., McClelland, S.K. Photoluminescence properties of $ZnGa_2O_4$:Mn phosphor powders 75714
Tran, T.K., Tomm, J.W., Giles, N.C., Wagner, B.K., Parikh, A., Summers, C.J. Strong room temperature excitonic resonance in CdTe:I 74224
Tran, T.K. *see* Parikh, A. 72792
Tran, T.K. *see* Summers, C.J. 74162
Tran, T.K. *see* Summers, C.J. 74445
Tran, T.K. *see* Tong, W. 113301
Tran, T.V., McCowen, A. An FFT-based formulation for the computation of electromagnetic scattering from 3-D, perfectly conducting bodies 76392
Tran, V. *see* Maples, T.B. 78189
Tran, V.N. *see* Cai, Z. 98122
Tran, V.N. *see* Cai, Z.Q. 67106
Tran, Y. *see* Strasilla, U. 110164
Tran Chanh *see* Chanh Tran
Tran Chi *see* Chi Tran
Tran Cuong *see* Cuong Tran
Tran Hai-Tan *see* Hai-Tan Tran
Tran Lan Hu *see* Lan Hu Tran
Tran Long *see* Long Tran
Tran Min Duc *see* Min Duc Tran
Tran Minh Duc *see* Souliere, V. 105143
Tran Thoai, D.B. *see* Banyai, L. 76267
Tran Tuan *see* Tuan Tran
Tran-Dinh, L. *see* Tran-Quoc, T. 102140
Tran-Quoc, T., Pierrat, L., Nguyen-Khac, N., Nguyen-Boi, K., Bui-Ngoc, T., Tran-Dinh, L. Overvoltage in a system of series capacitor compensated transmission line and saturated transformer 102140
Tran-Quoc, T., Pierrat, L., Nguyen-Khac, N., Nguyen-Boi, K., Phan-Ke, P., Tran-Trong, Q. Control of voltage stability in a system with long distance transmission line 91051
Tran-Quoc, T., Pierrat, L., Sabonnadiere, J.C. Correction of the measured core losses under distorted flux [power transformers] 102809
Tran-Quoc, T. *see* Pierrat, L. 102135
Tran-Quoc, T. *see* Pierrat, L. 112043
Tran-Quoc Tuan *see* Tuan Tran-Quoc
Tran-Trong, Q. *see* Tran-Quoc, T. 91051
Tranchant, S. *see* Guttich, U. 88235
Trane, P., Carlier, D. Diagnosis algorithm for mobility-oriented system 109442
Trane, P. *see* Carlier, D. 118360
Traneus, E. *see* Frenje, J. 100817
Tranfield, R. INS/GPS navigation systems for land applications 70612
Tranjan, F. *see* Bobbio, S. 106287
Tranjan, F. *see* Goodwin-Johansson, S. 74981
Trankle, G. *see* Chertouk, M. 62299
Trankle, G. *see* Dollinger, F. 95726
Trankle, G. *see* Heiss, H. 104833
Trankle, G. *see* Kraus, S. 95070
Trankle, G. *see* Nagasawa, H. 63562
Trankle, G. *see* Schmeller, A. 62920
Trankle, G. *see* Torabi, B. 107282
Trannois, H. *see* Capitaine, T. 86698
Tranquille, G. *see* Bosser, J. 89844
Trantanella, C. *see* Smuk, J. 99639
Trantham, K. *see* Mulhollan, G. 90109
Traon, P.Y.Le *see* Le Traon, P.Y.
Trapanese, M., Galluzzo, G.R. Rolling, pitching and yawing of a superconducting Maglev vehicle 91900
Trapani, P.Di. *see* Danielius, R. 96648
Trapani, P.Di *see* Di Trapani, P.
Trapani, P.P. *see* Alvsvaag, S.J. 90124
Trapani, P.P. *see* Benotto, F. 69866
Trapp, T.-U. *see* Fritzsche, H. 114459
Traspedini, L. *see* Adam, W. 69709
Trassaert, S. *see* Boudart, B. 74756
Trasser, A. *see* Schumacher, H. 83386
Trassoudaine, L., Checchin, P., Alizon, J., Collange, F., Gallice, J. Smart sensing and multisensorial data fusion for road obstacle detection and tracking 117654
Trassoudaine, L., Jouannin, S., Alizon, J., Gallice, J. Tracking systems for intelligent road vehicles 98069
Trastoy, A. *see* Ares, F. 117059
Tratt, D.M., Bowers, M.S. Optimization of coherent lidar performance with graded-reflectance transmitter resonator optics in the low equivalent Fresnel number regime 109810
Trattles, J.T., O'Neill, A.G., Mecrow, B.C. Analysis of electromigration lifetime measurements using microscopic polycrystalline computer simulation 63425
Traub, H. *see* Burkert, S. 91893
Traub, W.A. *see* Lahoz, W.A. 120782
Trauernicht, D.P. *see* Yip, K.L. 120386
Trauger, T. *see* von Winterfeldt, D. 70283
Traut, F.A. Discrete MIC power amplifier modules 113784
Trautman, V.Y. *see* Anischenko, N.G. 120106
Trautmann, T., Denceux, T. A constructive algorithm for SOM applied to water quality monitoring 80676
Trautner, H. *see* Drescher, P. 105007
Trautner, H. *see* Hartmann, P. 120119
Trautvetter, H.P. *see* Gialanella, L. 100639
Trautweiler, S.F., Paul, O., Stahl, J., Baltes, H. Anodically bonded silicon membranes for sealed and flush mounted microsensors 74891
Trautwein, U. *see* Thoma, R.S. 108268
Trava-Airoldi, V.J. *see* Mendes de Barros, R.C. 113414
Travere, J.-M. *see* Revenu, M. 69994
Travere, J.M. *see* Antoine, M.J. 90450
Traveria, M. *see* Laurent, G. 90049
Traversa, E., Bearzotti, A., Miyayama, M., Yanagida, H. The electrical properties of La_2CuO_4/ZnO heterocontacts at different relative humidities 79379
Traverse, A. *see* Borowski, M. 74525
Traverse, A. *see* Kaltsas, G. 84298
Travier, C., Leblond, B., Bernard, M., Cayla, J.N., Thomas, P., Georges, P. CANDELA photo-injector experimental results with a dispenser photocathode 90084
Travis, B. IrDA-protocol IR links make 35-fold leap in data-transfer speed 78665
Travis, B. Smart sensors 88995
Travis, B. Temperature management ICs combat system meltdown 119616
Travis, D.S., Johnst, A.M. Back to basics [in visual display colour coding] 89453
Travish, G. *see* Davis, P. 89606
Travish, G. *see* Hogan, M. 76060
Travish, G. *see* Tatchyn, R. 96526
Travish, G. *see* Zhang, R. 89605
Travisi, A.R.L. *see* Moore, J.R. 100217
Travlos, A. *see* Kaltsas, G. 84298
Travlos, A. *see* Kaltsas, G. 113332
Traxler, H. *see* Senoussi, S. 106651
Trayner, D., Orr, E. Autostereoscopic display using holographic optical elements 100223
Traynor, R.J. *see* Nielsen, S.D. 81614
Trbojevic, D., Cameron, P., Ganetis, G.L., Goldman, M.A., Gupta, R., Harrison, M., Hemmer, M.F., Karl, F.X., Jain, A., Louie, W., Mulhall, S., Peggs, S., Tepikian, S., Thomas, R., Wanderer, P. Alignment and survey of the elements in RHIC 89911
Trbojevic, D. *see* Mane, V. 89987
Trbojevic, D. *see* Wei, J. 79946
Trbojevic, D. *see* Wei, J. 89880
Treado, P.J. *see* Turner, J.F., II 75626
Treas, P. *see* Whitham, K. 79804
Treas, P. *see* Whitham, K. 89719
Treat, D.W. *see* Sun, D. 96249
Treat, D.W. *see* Sun, D. 96280
Treat, D.W. *see* Sun, D. 96302
Trebin, H.-R. *see* Seitz, T. 95848
Trebino, R., DeLong, K.W., Fittinghoff, D.N., Sweetser, J.N., Krrumbuegel, M., Bowie, J. The musical score, the failure of the fundamental theorem of algebra in two dimensions, and the measurement of ultrashort laser pulses 69541
Trebino, R. *see* DeLong, K.W. 79736
Trebino, R. *see* Fittinghoff, D.N. 79739
Trebino, R. *see* Krumbugel, M.A. 96599
Trebino, R. *see* Krumbugel, M.A. 100353
Trebino, R. *see* Ladera, C.L. 110411
Trebino, R. *see* Luther-Davies, B. 116618
Trebino, R. *see* Richman, B.A. 96725
Trebino, R. *see* Sullivan, A. 110413
Trebino, R. *see* Tsang, T. 110416
Trebossen, R., Bendriem, B. Quantitation in 3D PET: the effect of scatter correction on recovery coefficients 70077
Trebossen, R., Bendriem, B., Fontaine, A., Rougetet, R., Frouin, V., Remy, P. Quantitation of clinical 3D PET studies with the ETM scatter correction 90446
Trecat, J. *see* Jianping Wang 121219
Trecat, J. *see* Lo, K.L. 102056
Trecat, J. *see* Lobry, J. 65653
Trecat, J. *see* Lobry, J. 65672
Trecat, J. *see* Popa, R. 111668
Trecha, S.J. *see* Hartley, P.W. 101792
Trecordi, V. *see* Bianchi, G. 77794
Trecordi, V. *see* Borgonovo, F. 68077
Trecordi, V. *see* De Marco, M. 77998
Trecordi, V. *see* Lucatti, D. 88206
Trecordi, V. *see* Pattavina, A. 78533
Trede, M. *see* Schmid, F. 72465
Tredennick, N. Microprocessor-based computers 113986
Tredicce, J.R. *see* Huyet, G. 76082
Tredicucci, A. *see* Czajkowski, G. 94549
Treece, K. *see* Chanchani, R. 94132
Treece, R.E. *see* Horwitz, J.S. 106479
Treece, R.E. *see* Knauss, L.A. 95304
Trefethen, D. Introduction to design with ball grid arrays 92190
Trefethen, D. Advanced techniques for design with ball grid arrays 92191
Trefethen, L.N. *see* Driscoll, T.A. 72660
Trefny, J.U. *see* Mao, D. 112363
Tregubova, A.S. *see* Andreev, A.N. 103981
Treguiov, S.V. *see* Khabibulaev, P.K. 81915
Treichel, H., Eckstein, E., Kern, W. New dielectric materials and insulators for microelectronic applications 115026
Treichler, J.R. Applying high-speed adaptive equalization to HDTV broadcast receivers 68895
Treichler, J.R., Fijalkow, I., Johnson, C.R., Jr. Fractionally spaced equalizers 67644
Treichler, J.R., Johnson, C.R., Jr Blind fractionally-spaced equalization of digital cable TV 119486
Treichler, J.R. *see* Touzni, A. 117921
Treichler, R. *see* Veuhoff, E. 105564
Treider, T. Combat net radio Raven 2V 101644
Treille, D. The physics potential of the RICH 69724
Treitinger, L., Weger, P., Autinger, K., Felder, A., Bock, J., Boguth, S., Kopl, R., Molzer, M., Rest, M., Knapp, H., Simburger, W., Schrelter, R., Popp, J., Meister, T. Advanced silicon bipolar technologies for RF applications 73798
Treitinger, L. *see* Bock, J. 84565
Trelle, H.J. *see* Albers, D. 69756
Tremaine, R. *see* Birch, K. 78804
Tremblay, A. *see* Cober, S.G. 90803
Tremblay, F. *see* Chan, K.K. 65821
Tremblay, H. *see* Delisle, V. 64884
Tremblay, K. *see* Krafft, G.A. 100526
Tremblay, M.D. *see* Bergano, N.S. 88646
Tremblay, R.J., Lytle, D.W. Development and analysis of echo classification using time delays 68709
Tremblay, S. *see* Crow, J.D. 119221
Tremblay, Y. *see* Carn, M. 63436
Tremblay, Y. *see* Gagnon, G. 84142
Tremblay, Y. *see* Ouellet, L. 63434
Tremeau, A., Bousigue, J., Laget, B. Co-occurrence shape descriptors applied to texture classification and segmentation 67345
Tremiolles, G.De *see* De Tremiolles, G.
Tremois, O., Le Cadre, J.P. Target motion analysis with multiple arrays: performance analysis 87189
Trempat, Y. The European contribution to the GNSS project 88750
Tremsin, A.S., Pearson, J.F., Fraser, G.W., Feller, W.B., White, P. Microchannel plate operation at high count rates: new results 120199
Trencansky, M. *see* Sandrik, P. 71005
Trenholme, J.B. *see* Bibeau, C. 96173
Trenholme, J.B. *see* Bikmatov, R.G. 96160
Trenkic, V., Christopoulos, C., Benson, T.M. The application of the supercondensed TLM node to propagation problems in inhomogeneous anisotropic materials 76512
Trenkic, V., Christopoulos, C., Benson, T.M. Advanced node formulations in TLM–the adaptable symmetrical condensed node (ASCN) 85912
Trenkic, V. *see* Christopoulos, C. 97071

Trenkle, J.M. *see* Edandson, E.J. 66882
Trenkler, G. *see* Tarach, D. 62081
Trenkler, T., De Wolf, P., Snauwaert, J., Qamhieh, Z., Vandervorst, W., Hellemans, L. Local potential measurements in silicon devices using atomic force microscopy with conductive tips 84532
Trenkler, T., Jeanneret, J.B. The principles of two stage betatron and momentum collimation in circular accelerators 79894
Trenkler, T. *see* Scandale, W. 89825
Trent, J. *see* Bosley, L. 94142
Trentler, T.J. *see* Buhro, W.E. 113285
Trepk, T. *see* Knorr, K. 103907
Trepk, T. *see* Zorn, M. 105147
Trepte, O. *see* Attas, E.M. 102404
Treptow, K. *see* Zimmermann, S. 79258
Treptow, K. *see* Zimmermann, S. 100857
Treshchev, L.I. Estimation of transient in AC machines 71248
Tressler, J.F., Dogan, A., Fernandez, J.F., Fielding, J.T., Jr., Uchino, K., Newnham, R.E. Capped ceramic hydrophones 111375
Tressler, J.F. *see* Fernandez, J.F. 72978
Tressler, J.F. *see* Watanabe, K. 115431
Tresso, E. *see* Demichelis, F. 92931
Tresso, E. *see* Fathallah, M. 94405
Tresso, E. *see* Giorgis, F. 92841
Tretiak, O.J. *see* Goldszal, A.F. 70029
Tretiak, O.V. *see* Barabanov, A.V. 105090
Tretmans, J. *see* Heerink, L. 118111
Tretmans, J. *see* Hogrefe, D. 118113
Tretter, D. *see* Khawaja, K.W. 82287
Tret'yakov, N.E. *see* Belyaev, A.A. 116307
Tret'yakov, N.E. *see* Galaev, I.I. 76097
Tret'yakov, N.E. *see* Konkin, S.V. 85360
Tretyakov, S. Anything wrong with the naturally non-reciprocal materials? 76397
Tretyakov, S.A., Mariotte, F., Simovski, C.R., Kharina, T.G., Heliot, J.-P. Analytical antenna model for chiral scatterers: comparison with numerical and experimental data 85951
Tretyakov, S.A., Sochava, A.A., Maslovski, S.I. Plane wave propagation in a class of knotted media 85817
Tretyakov, S.A., Sochava, A.A., Simovski, C.R. Influence of chiral shapes of individual inclusions on the absorption in chiral composite coatings 65824
Tretyakov, S.A. *see* Mariotte, F. 76394
Tret'yakov, V.V. *see* Foxon, C.T. 82693
Tretyakov, Yu.M. *see* Bocquet, R. 75800
Tretz, C., Zukowski, C. CMOS transistor sizing for minimization of energy-delay product 93296
Treuer, P. *see* Elliott, S. 118322
Treuhaft, R., Moghaddam, M., Van Zyl, J., Sarabandi, K. Estimating vegetation and surface topographic parameters from multibase radar radar interferometry 120691
Treussart, F. *see* Sandoghdar, V. 116443
Treveiler, N. Energy monitoring technologies and industrial applications 91133
Trevelyan, J. *see* Legnani, G. 88891
Treves, S.T. *see* Habboush, I.H. 90327
Trevino-Palacios, C.G., Baldi, P., Stegeman, G.I. Nonreciprocity in waveguide second harmonic generation 107545
Trevino-Palacios, C.G., Stegeman, G.I., Baldi, P. Spatial nonreciprocity in waveguide second-order processes 116630
Trevisan, F. *see* Bellina, F. 65726
Trevisan, F. *see* Bellina, F. 107718
Trevisan, F. *see* Bellina, F. 107763
Trevisan, F. *see* Bellina, F. 116828
Trevisan, F. *see* Di Barba, P. 97000
Treviso, C.H. *see* Toffano, R., Jr. 121658
Trevorrow, M.V. *see* Vagle, S. 88734
Trew, R.J. Low power electronics for mobile communications 78510
Trewhella, J. *see* Crow, J.D. 119221
Trexler, J.T., Fijol, J.J., Calhoun, L.C., Park, R.M., Holloway, P.H. Electrical contacts to p-ZnTe 74463
Treyer, T. *see* Pombacher, F. 114384
Trezza, J.A., Harris, J.S., Jr. Two-state electrically controllable phase diffraction grating using arrays of vertical-cavity phase flip modulators 95834
Triaca, W.E. *see* Visintin, A. 81718
Triandafillidis, M. The electric power and material conversion model of the new electrotechnologies 71944
Triano, A.R. *see* Garbuzov, D.Z. 96243
Triantaphyllou, E. *see* Kovalerchuk, B. 120355
Trias, E., Orlando, T.P., van der Zant, H.S.J. Self-field effects on flux flow in two-dimensional arrays of Nb Josephson junctions 115926
Trias, J. *see* Soltan, P. 100196
Tribastone, C., Gardner, C., Peck, W.G. Precision plastic optics applications from design to assembly 75652
Tribble, R.E. *see* Chen, Y.K. 69865
Tribble, R.E. *see* Szymanski, J.J. 110589
Triberis, G.P. *see* Simserides, C.D. 94457
Tribillon, G. *see* Bertrand, S. 100071
Tribolet, P. *see* Audier, M.F. 69314
Tribolet, Ph. *see* Coutures, J.-L. 69308
Triboulet, R., Ndap, J.O., Tromson-Carli, A., Lemasson, P., Morhain, C., Neu, G. Growth by solid phase recrystallization and assessment of large ZnSe crystals of high purity and structural perfection 74183
Triboulet, R. *see* Lyubomirsky, I. 74239
Triboulet, R. *see* Lyubomirsky, I. 94478
Trichet, M.F. *see* Chassaing, E. 61317
Trick, M. *see* Rincon, A.M. 104514
Tridandapani, S., Mukherjee, B. Channel sharing in multi-hop WDM lightwave networks. (Do we really need more channels?) 78102
Tridandapani, S.B., Mukherjee, B. Multicast traffic in multi-hop lightwave networks: performance analysis and an argument for channel sharing 88517
Triebel, W. *see* Benz, J. 91317
Triebes, K.J., Huff, L.W., Cox, C.D., Pepi, J.W. Cryogenic optical performance of a lightweighted 20-inch SiC mirror and indications for thermal strain homogeneity and hysteresis 64867
Triesch, J., von der Malsburg, C. Robust classification of hand postures against complex backgrounds 117892
Trieu, H.K. *see* Schwarz, M. 110928
Trifoglietti, M. *see* Castoldi, P. 120597
Trifonov, A.P., Bespalova, M.B. Detection of a target with an unknown range and velocity by probing with a sequence of optical pulses 67182
Trifonov, A.P., Roldugin, S.V. Variation effects of random signal properties on the estimation accuracy of signal parameters 117403
Trifonov, I.I. *see* Kravets, A.N. 116440
Trifonov, Yu.V. *see* Stoma, S.A. 80541
Trifonova, E., Yanchev, I.Y., Manou, P., Kambas, K., Anagnostopoulos, A.N. Growth and characterization of $SnSe_2$ 82584
Trifonova, E.P., Yanchev, I.Y., Stoyanova, V.B., Mandalidis, S., Kambas, K., Anagnostopoulos, A.N. Crystal growth and characterization of SnS_2 92675
Triftshauser, W. *see* Stormer, J. 104008
Trifu, R. *see* Gudumac, M. 71348
Trigas, C. Recent developments in chip packaging 112899
Triggiani, G. *see* Mours, B. 100821
Triggiani, G. *see* Mours, B. 120196
Triggs, B. Factorization methods for projective structure and motion 86463
Triggs, B. *see* Sturm, P. 67323
Trigiante, D. *see* Brugnano, L. 61042
Trigo, M.E. *see* Evans, D.J. 72640
Trigo, R. *see* Rebolledo, R. 103156
Trigwell, S., Selvaduray, G., Singh, A. Effects of intermetallic compound formation on the electrical performance of wirebonded interconnects 83680
Trijoko, S. Activities on calibration of radiation protection instruments in Indonesia 70288
Trikalinos, C. *see* Tiunov, A.V. 90026
Triki, C. *see* Conforti, D. 91091
Trikoz, D.V. *see* Kostenko, P.Yu. 98077
Trilling, G. *see* Adams, D. 69840
Trillo, S. Bright and dark simultons in second-harmonic generation 96654
Trillo, S., Haelterman, M. Pulse-train generation through modulational instability in intracavity second-harmonic generation 96655
Trilovszky, G. Network management for broadband networks 67681
Trimaille, I. *see* Baumvol, I.J.R. 63284
Trimaille, I. *see* Baumvol, I.J.R. 114958
Trimaille, I. *see* Baumvol, I.J.R. 114969
Trimaille, I. *see* Baumvol, I.J.R. 114970
Trimble, D. *see* Sampayan, S. 83687
Trimble, D. *see* Sampayan, S. 89616
Trimble, D. *see* Sampayan, S. 89780
Trimble, G.M. Autonomous operation of the Explosive Ordnance Disposal Robotic Work Package using the CETUS untethered underwater vehicle 90910
Trimble, J. *see* Ganapathiraju, A. 108194
Trimble, S.W. *see* Myers, E.G. 69704
Trimmer, W. *see* Ahn, C.H. 107822
Trimp, P.J. *see* O'Halloran, G.M. 89044
Trinchero, D. *see* Orta, R. 93747
Trinchero, O. *see* Garnier, J.-P. 83724
Trinh, P.D., Yegnanarayanan, S., Jalali, B. 5×9 integrated optical star coupler in silicon-on-insulator technology 64761
Trinh, P.D. *see* Coppinger, F. 95940
Trinh, P.D. *see* Yegnanarayanan, S. 64880
Trinick, M. Long term planning for wind energy development 102579
Trinkaus, H. *see* Burges, U. 114996
Trinkaus, H. *see* Rahmati, B. 72898
Trinks, U. Exotic cyclotrons–future cyclotrons 69625
Trinquart, G. *see* Ostler, J. 90043
Trintinalia, L.C., Hao Ling Joint time-frequency ISAR algorithm for imaging targets with non-point scattering features 88676
Trintinalia, L.C. *see* Ling, H. 99625
Tripathi, A., Dewan, S.B. Analysis and design of a fast response three phase fixed frequency static power supply 112104
Tripathi, A., Roy, A., Tripathi, A.K., Pillai, P.K.C., Goel, T.C., Singh, K. Non-linear optical characterization of polymer dye composites and their characterization as holographic recording media 116620
Tripathi, A., Tripathi, V.K. A configuration oriented SPICE model for multiconductor transmission lines in an inhomogeneous medium 97206
Tripathi, A. *see* Hamnes, D.O. 67581
Tripathi, A. *see* Weisshaar, A. 93714
Tripathi, A.K. *see* Tripathi, A. 116620
Tripathi, A.N. *see* Kapoor, A.K. 112090
Tripathi, A.N. *see* Sharma, K.K. 111953
Tripathi, K.N. *see* Birla, N. 85602
Tripathi, K.N. *see* Gupta, M. 64729
Tripathi, K.N. *see* Singh, S. 106837
Tripathi, K.N. *see* Singh, S. 106838
Tripathi, K.N. *see* Verma, A.J. 106471
Tripathi, N.D. *see* VanLandingham, H.F. 111779
Tripathi, S. *see* Bhagwat, P. 78060
Tripathi, S. *see* D'Couto, G.C. 113435
Tripathi, S. *see* Fardi, B. 104094
Tripathi, S.K. *see* Agarwal, P. 105204
Tripathi, S.K. *see* Bhagwat, P. 87799
Tripathi, S.K. *see* Saha, D. 87336
Tripathi, S.K. *see* Saha, D. 118130
Tripathi, V. *see* Pratapneni, S.N. 82929
Tripathi, V.K. *see* Agarwal, R.N. 107404
Tripathi, V.K. *see* Jyh-Ming Jong 92212
Tripathi, V.K. *see* Kollipara, R.T. 92253
Tripathi, V.K. *see* Masot, F. 95816
Tripathi, V.K. *see* Rong, A.S. 93662
Tripathi, V.K. *see* Sharma, A. 107365
Tripathi, V.K. *see* Tripathi, A. 97206
Tripathi, V.K. *see* Weisshaar, A. 93714
Tripathy, A.K. *see* Singhal, A. 111579
Tripathy, S., Woohong Kim, Masse, C., Xinli Jiang, Kumar, J. Self assembled bulk polydiacetylenes for nonlinear optics 85591
Tripathy, S.C., Bhardwaj, V. Automatic generation control of a small hydro-turbine driven generator 71179
Tripathy, S.C., Mishra, I.P. Dynamic performance of wind-diesel power system with capacitive energy storage 91410
Tripathy, S.C. *see* Mufti, M.-u.-D. 111863
Tripathy, S.K. *see* Gao, H.H. 89180
Tripathy, S.K. *see* Jiang, X.L. 107550
Tripathy, S.K. *see* Lian Li 65474
Tripiccione, A.S.R. *see* Del Guerra, A. 101315
Tripiccione, R. *see* Avanzini, C. 90225
Tripiccione, R. *see* Avanzini, C. 100959
Tripiccione, R. *see* Beccherle, R. 80297
Triplett, B. *see* Parekh, B. 94803
Tripodi, G. *see* Adam, W. 69709
Tripp, G.E.W. *see* Chan, S. 77071
Trischitta, P.R. Global undersea networks 78693
Triscone, G., Junod, A., Gladyshevskii, R.E. Magnetic and thermal properties of the 116 K superconductor Tl-1223 106659
Triscone, J.-M., Frauchiger, L., Decroux, M., Mieville, L., Fischer, O., Beeli, C., Stadelmann, P., Racine, G.-A. Growth and structural properties of epitaxial $Pb(Zr_xTi_{1-x})O_3$ films and $Pb(Zr_xTi_{1-x})O_3$-cuprate heterostructures 61195
Trishenkov, M.A. *see* Taubkin, I.I. 100105
Trishina, E.V. *see* Kolesnikov, A.N. 67374
Trisila, H.L. *see* Maeyama, T. 118759
Tristan, L. *see* Gutierrez, C.J. 75180
Tristant, P. *see* Regnier, C. 61339
Tristram, G. *see* Adam, W. 69709
Tritsch, C. *see* Spath, D. 112842
Trittart, H. *see* Hesketh, J.A. 81322
Trivedi, A. *see* Liu, P.C.-H. 103348
Trivedi, D., Tayebati, P., Tabat, R. Measurement of large electro-optic coefficients in thin films of strontium barium niobate $(Sr_{0.6}Ba_{0.4}Nb_2O_6)$ 75016
Trivedi, D. *see* Tayebati, P. 95274
Trivedi, K. *see* Bansch, K. 82340
Trivedi, K.S. *see* Balakrishnan, M. 78123
Trivedi, K.S. *see* Chang-Yu Wang 87350
Trivedi, K.S. *see* Mainkar, V. 113083
Trivedi, M., Li, H.H., Pendharkar, S., Shenai, K. Application of IGBT, MCT and EST in hard- and soft-switching power converters 112101
Trivedi, M. *see* Dalmia, A.K. 98050
Trivedi, M. *see* Dalmia, A.K. 108484
Trivedi, M. *see* Depiero, F. 67459
Trivedi, M.D. *see* Aggarwal, M.M. 69839
Trivedi, S. *see* Millerd, J.E. 116740
Trivedi, Y. *see* Murray, M. 82871
Trivellone, G. *see* Cevolani, G. 99712
Trizna, D.B., Carlson, D.J. Studies of dual polarized low grazing angle radar sea scatter in nearshore regions 70513
Trizna, D.B. *see* Allan, N. 111290
Trizna, D.B. *see* Sletten, M.A. 68625
Trizna, D.B. *see* Sletten, M.A. 99649
Trlep, M., Hribernik, B., Skrget, L. Unified approach to solving a steady-state electromagnetic field by numerical methods 107696
Trobec, R., Avbelj, V., Slivnik, B. Simulation and optimisation of data multiplex system 98392
Troch, F.P.De *see* De Troch, F.P.
Troch, P.A. *see* Su, Z. 120866
Troch, S.De *see* De Troch, S.
Trochu, F. *see* Andre, B. 90413
Troffer, T. *see* Pensl, G. 105224
Trofimenkoff, F. *see* Haslett, J. 73574
Trofimenkoff, F.N. *see* Gupta, A.K. 93146
Trofimov, A.I., Egupov, N.D., Nikolaenko, S.I. Forming nonstationary random test signals 97405
Trofimov, A.N. *see* Barinov, N.I. 80580
Trofimov, A.N. *see* Konakov, N.D. 89012
Trofimov, O.E. Determination of point objects coordinates in computer vision as a problem of non-linear tomography 117660
Trofimov, P.N. *see* Mineev, Yu.V. 110975
Trofimov, V.A. *see* Kunitsyn, S.D. 96665
Trofimov, V.N. *see* Obukhov, S.A. 93944

Trofimov, V.T., Selivanov, Yu.G., Chizhevskii, E.G. Photoconductivity of thin epitaxial lead-selenide films 64902
Trofirnenkoff, F.N. *see* Sabouri, F. 110058
Troger, D. *see* Carlsen, T.H. 81000
Troger, J. *see* von der Weid, J.P. 64787
Trogu, L. *see* Colla, A.M. 117866
Troha, A.L. *see* Hartemann, F.V. 76047
Troha, A.L. *see* Le Sage, G.P. 116571
Troike, M., Muller, S. Submicron ASICs for image processing 113991
Troisi, V.J. *see* Weaver, R.L. 120684
Troitskii, A.V. *see* Markina, N.N. 101573
Troitsky, B.V. *see* Ashmanets, V.I. 65826
Trojanek, F. *see* Kudrna, J. 94255
Trojanek, F. *see* Maly, P. 94261
Trojani, L. *see* Pinto, N. 61263
Trokhimovski, Y.G. *see* Irisov, V.G. 120847
Trolard, B. *see* Gorecki, C. 87235
Trolard, B. *see* Gorecki, C. 98159
Trolier-McKinstry, S. *see* Madhavan, S. 72851
Trolliet, B., Masson, J.-P., Matz, M., Revol-Buisson, C. CERDA, a modern high and medium voltage switchgear test and research centre 72248
Tromba, G. *see* Agosteo, S. 90649
Tromba, G. *see* Arfelli, F. 90367
Tromba, G. *see* Arfelli, F. 90432
Tromba, G. *see* Arfelli, F. 110579
Trombini, A. *see* Brueckner, W. 120169
Trombka, J.I. *see* Koenen, M. 100875
Trombly-Freytag, K. *see* Harding, D.J. 89795
Trombly-Freytag, K. *see* Harding, D.J. 89796
Tromborg, B. *see* Jonsson, B. 65282
Tromby, M. *see* Brinciotti, A. 63053
Tromby, M. *see* McNally, P.J. 74766
Trommer, D. *see* Hamacher, M. 78679
Trommer, D. *see* Kaiser, R. 68384
Trommer, D. *see* Unterborsch, G. 100043
Tromop, R.W., White, G.A.R., Gunn, C.I.M. Demand side management for the electricity industry 91041
Tromp, J. *see* Hancock, T. 72440
Tromp, R.M. *see* Tanaka, S. 94791
Tromson-Carli, A. *see* Triboulet, R. 74183
Tron, T. *see* Biro, J. 103703
Tronc, D., Dugardin, F., Georges, J.P., Letoumelin, R., Pourre, J.L. Radiotherapy process integration using a compact photon source together with fluence control and patient imaging 80474
Tronche, C. *see* Buret, H. 73776
Tronci, E. *see* Pugliese, R. 81343
Tront, J.G. *see* Drayer, T.H. 67147
Tront, J.G. *see* Ryan, C.A. 93312
Trontelj, J., Trontelj, L. Magnetic microsensor ASIC for position encoder 69504
Trontelj, J. *see* Pletersek, A. 69555
Trontelj, L. *see* Trontelj, J. 69504
Tropea, C. *see* Mignon, H. 110442
Tropiano, G. *see* Recce, M. 108595
Tropkin, E. *see* Dovbeshko, A. 110187
Troppenz, U. *see* Huettl, B. 75712
Troppenz, U. *see* Quang, V.X. 106958
Troppenz, U. *see* Velthaus, K.-O. 89343
Tropper, C. *see* Avril, H. 73039
Troshchenkov, S.V. *see* Shcheglov, V.A. 76275
Troshchenkov, S.V. *see* Stepanov, A.A. 65045
Troshchieva, V.N. *see* Vysotskii, D.V. 107412
Troshchinenko, G.A. *see* Azarov, M.A. 116356
Troshin, I.I. *see* Gelvich, E.A. 70204
Trost, H.P. *see* Simburger, W. 104868
Trost, T.F. *see* Mitra, A.K. 65887
Troster, T. *see* Abbade, M.L.F. 94528
Trotel, A., Pyee, M., Lavigne, B., Chambonnet, D., Lederer, P. Magnetically tunable YBaCuO microstrip resonators and bandpass filters 64581
Trotignon, M. *see* Bortoni, G. 91097
Trotignon, M. *see* Cholley, P. 91096
Trotman, I. A life management programme for the Bruce A steam generators 102393
Trott, A. Digital cable broadens broadcasters budgets 119459
Trott, A., Moorhead, R., McGinley, J. The application of wavelets to lossless compression and progressive transmission of floating point data in 3-D curvilinear grids 86232
Trott, G. *see* Yang, L. 95697
Trott, G.R. *see* Fouquet, J.E. 116476
Trott, M.D., Benedetto, S., Garello, R., Mondin, M. Rotational invariance of trellis codes. I. Encoders and precoders 66279
Trott, M.D. *see* Benedetto, S. 66280
Trott, M.D. *see* Sarvis, J.P. 66405
Trotta, A. *see* Cavone, G. 119589
Trotta, A. *see* Giaquinto, N. 61976
Trotta, A. *see* Giaquinto, N. 114040
Trotta, R.L. Multidomain finite elements for advection-diffusion equations 72718
Trotter, J. *see* Agrawal, P. 87671
Trotter, J. *see* Hyden, E. 67853
Trottier, G.P. *see* Weeden, B.A. 80482
Trottier, T.A. *see* Swart, H.C. 95964
Trotz, S., Hogge, J.P., Kreischer, K.E., Temkin, R.J. High power testing of a 17 GHz photocathode RF gun 114506
Trotz, S.R. *see* Chen, S.C. 90077
Troufleau, D. *see* Sano, E.E. 120816
Trousset, Y., Picard, C., Ponchut, C., Romeas, R., Campagnolo, R., Croci, S., Scarabin, J.M., Amiel, M. 3D X-ray angiography: from numerical simulations to clinical routine 70059
Trousset, Y. *see* Payot, E. 70061
Troutman, R.R. Characterization of TFT arrays for LCD applications 89309
Troutman, W. *see* Gabara, T. 113857
Trouve, A. Cycle decompositions and simulated annealing 72519
Trouve, E., Caramma, M., Maitre, H. Fringe detection in noisy complex interferograms 98008
Trouve, P. *see* Joly, P. 116992
Trovato, M. *see* Bualoti, R. 120993
Trovato, M. *see* Cory, B.J. 70655
Trovato, M. *see* La Scala, M. 102325
Trovato, M. *see* Pugliese, P. 121060
Trovato, T. *see* Bruno, G. 94730
Trowbridge, C.W. Computing electromagnetic fields for research and industry: major achievements and future trends 65616
Trowbridge, C.W. *see* Colyer, B. 92150
Trowbridge, C.W. *see* Xiaoming Xu 65786
Trower, W.P. *see* Karev, A.I. 89808
Trower, W.P. *see* Shvedunov, V.I. 89688
Trower, W.P. *see* Sobenin, N.P. 100693
Troxell, J.R., Harrington, M.I., Shi, Q.J., Nachtegall, D.E., Hile, J.W. Thin-film transistor fabrication for high brightness reconfigurable vacuum fluorescent displays 63952
Troy, T.L. *see* Hutchinson, C.H. 70007
Troyan, P.E. The influence of switching voltage on the properties of memory elements based on formed MIM structures 63185
Troyan, P.E. Non-heated electron source for vacuum microelectronics devices 74044
Troyanova, G. *see* Dorofeev, A. 94292
Troyanovsky, B. *see* Dutton, R.W. 73038
Troyer, G.L. *see* Keele, B.D. 80060
Troyer, G.L. *see* Keele, B.D. 101037
Trpak, K. *see* Liska, D. 119375
Trubaev, V.V., Makin, V.S. Pressed waves: surface-bulk electromagnetic eigenmodes of metal surface 76376
Trubenko, P.A. *see* Basov, N.G. 94206
Trubenko, P.A. *see* Kozlovsky, V.I. 75951
Trubert, C. *see* Vinouze, B. 89344
Trubetskov, D.I., Ponomarenko, V.I., Rozhnev, A.G., Sokolov, D.V. Results of theoretical researches of vacuum microelectronics microwave devices in Saratov University 74003
Trubetskov, D.I. *see* Bessudnova, N.O. 74022
Trubetskov, D.I. *see* Oleinik, M.V. 105066
Trubetskov, D.I. *see* Sokolov, D.V. 74038
Trubetskov, M.K. *see* Tikhonravov, A.V. 116179
Trubian, M. *see* Colorni, A. 103700
Trubilko, A.I. *see* Gorbachev, V.N. 96666
Trubin, A.A. Coupling factors of the spherical dielectric resonator with TEM-waves of the strip lines 104808
Trucco, A., Murino, V. Significance of envelope detection in underwater acoustic imaging systems 90823
Trucco, A. *see* Murino, V. 70567
Trucco, E. *see* Clark, J. 79549
Truche, R. *see* Dentan, M. 90222
Truche, R. *see* Dentan, M. 95214
Truchetet, F., Forys, A. Implementation of still-image compression-decompression scheme on FPGA circuits 67008
Truchetet, F. *see* Dumont, C. 67152
Truchetet, F. *see* Meriaudeau, F. 96862
Truchsess, M.von *see* von Truchsess, M.
Truckenbrodt, H. *see* Bischoff, J. 115088
Trudeau, F.G. Precision cross-sectioning and sample preparation techniques in support of SEM analysis of semiconductor devices 92282
Trudel, G. *see* Simo, J.B. 70722
Trudnowski, D.J., Donnelly, M.K., Hauer, J.F. Estimating damping effectiveness of BPA's thyristor controlled series capacitor by applying time and frequency domain methods to measured response 70716
Trudnowski, D.J. *see* Donnelly, M.K. 70816
True, J.M. Options for secure frame relay 98767
True, R. *see* Palmer, D. 62571
True, R.B. *see* Hargreaves, T.A. 62612
True, R.B. *see* Palmer, D. 105051
Trueb, T.O. A case history of a lineshaft machine drives speedup 92005
Trueb, T.O., Van Lieshout, R. A case history of a short shutdown drive upgrade 92003
Trueman, C.W., Kubina, S.J., Mishra, S.R., Larose, C.L. HF RCS of small aircraft by computation and by measurement 68644
Trueman, C.W. *see* Larose, C.L. 68643
Truemper, J. *see* Soltau, H. 110553
Truesdell, K.A. *see* Hager, G.D. 107038
Truesdell, K.A. *see* Rittenhouse, T.L. 107063
Trufan, V. *see* Smirnov, A. 85127
Trufanov, B.D. *see* Pogarsky, S.A. 73655
Truffet, D., Orlowska, M.E. Fault-tolerant logarithmic mutual exclusion with lazy update propagation 77721
Truitt, G.A. *see* Sweder, J. 83467
Trujillo, E. Military requirements constrain COTS utilization 70620
Trujillo, J.T., Chakhovskoi, A., Hunt, C.E. Low voltage silicon field emitters with gold gates 73988
Trujillo, M. *see* Tansel, I. 79239
Trujillo, R.P. *see* Tuttle, G.T. 75262
Trujillo, T.C. *see* Soderstrand, M.A. 88167
Trukhan, V.A. *see* Semashko, A.N. 108642
Trukhanov, E.M. *see* Bolkhovityanov, Yu.B. 74137
Trullemans, A.-M., Zhang, Q. Rapid gate matching with don't cares 73236
Trulove, P.C. *see* Carlin, R.T. 112293
Truman, A. *see* Durrant, P. 110699
Truman, T. *see* Cooper, S. 114412
Trump, T., Ottersten, B. Estimation of nominal direction of arrival and angular spread using an array of sensors 86183
Trumper, D.L. *see* Ludwick, S.L. 100320
Trumper, J. *see* Brauninger, H. 90702
Trumper, M. *see* Bornemann, W. 66020
Trung, N.O., Rosinski, A.T. A single-chip 4-bit microcomputer model with VHDL 83142
Trung, N.V. *see* Srisuchinwong, B. 82999
Trung, T.Van *see* Van Trung, T.
Trunk, G.V. *see* Rao, J.B.L. 111416
Truong, K. *see* Ardelean, J. 100916
Trusca, B. Numerical control of three-phase bridge thyristor convertor 71538
Trusca, V. Electromechanical test equipment with electronic phase control for rapid investigations of electrical contact materials 114369
Trusca, V. *see* Popescu, C. 81371
Trusca, V. *see* Popescu, M. 71591
Truscott, J.G., Milner, R., Holland, P.C., Wood, C., Smith, M.A. A portable system for measuring bone mineral density in the pre-term neonatal forearm 80254
Truscott, P.R., Evans, H.E., Dyer, C.S., Peerless, C.L., Flatman, J.C., Cosby, M., Knight, P., Moss, C.E. Comparison of activation effects in γ-ray detector materials 80080
Truscott, P.R., Evans, H.E., Dyer, C.S., Peerless, C.L., Flatman, J.C., Cosby, M., Knight, P., Moss, C.E. Comparison of activation effects in γ-ray detector materials 100827
Trussell, R. *see* Hendriksen, M. 103428
Truter, N., Pretorius, J.H.C., Swart, P.H., van Wyk, J.D. A supply friendly AC/DC converter for use in pulsed laser power supplies 102864
Trutschel, U. *see* Delisle, V. 64884
Truttmann, P.A. *see* Umiker, B. 77855
Truxal, D. *see* Eskilden, L. 109617
Truxal, D. *see* Eskildsen, L. 78688
Truxal, D. *see* Hansen, P.B. 68498
Truxal, D. *see* Hansen, P.B. 88615
Truzzi, C., Beyne, E., Ringoot, E. MCM-D switching units for interconnection technology validation 62531
Truzzi, C., Beyne, E., Ringoot, E. Design of test modules for the analysis of MCM interconnects 73908
Truzzoli, S. *see* Cariolaro, G. 66255
Trwoga, P.F., Kenyon, A.J., Pitt, C.W. DC electroluminescence from PECVD grown thin films of silicon-rich silica 106984
Tryba, V. Neuro-ASIC for low cost supervision of water pollution 111306
Trygg, J. *see* Tischer, M. 64233
Tryggvason, G. *see* Thorsteinsson, S. 68755
Tryk, D.A., Bae, I.T., Scherson, D., Antonio, M.R., Jordan, G.W., Huston, E.L. In situ La, Ce and Nd L-edge X-ray absorption fine structure study of an intermetallic metal hydride electrode in an operating alkaline battery 71674
Trzaska, Z. A physical interpretation of mathematical formulations of the instantaneous power and its relatives in electric systems 80773
Trzaska, Z.W. Application of singular systems and modified modal theory in the modelling of SMES coils 71729
Trzeciak, W.S. *see* Bosch, R.A. 79913
Trzynadlowski, A.M. *see* Ghassemzadeh, M. 71749
Trzynadlowski, A.M. *see* Legowski, S.F. 103073
Tsacoyeanes, C.W. *see* Vaccaro, K. 100048
Tsagaraki, K. *see* Georgakilas, A. 113327
Tsagaraki, K. *see* Lagadas, M. 113363
Tsagaraki, K. *see* Zekentes, K. 113319
Tsagas, N.F. *see* Bakos, G.C. 111307
Tsai, B.K., Johnson, B.C., Saunders, R.D., Cromer, C.L. Comparison of filter radiometer spectral responsivity with the NIST spectral-irradiance and illuminance scales 89069
Tsai, C., Halverson, D.R. Average robustness in signal detection and estimation 66855
Tsai, C., Scharf, B., Garone, P., Humphries, P., O, K. A double-spacer technology for the formation of very narrow emitter (0.3 μm) double-polysilicon bipolar transistors using 0.8-μm photolithography 63624
Tsai, C.-C., Kao, D.-Y., Cheng, C.-K. Performance driven bus buffer insertion 61703
Tsai, C.-L., Henning, A.K. Out-of-plane microstructures using stress engineering of thin films 74876
Tsai, C.C. *see* Baldwin, G.L. *(editor)* 72053
Tsai, C.E. *see* Sun, S.C. 84242
Tsai, C.E. *see* Tsai, M.H. 63168
Tsai, C.S. Integrated acoustooptic and magnetooptic devices for optical information processing 75623
Tsai, C.S. Magnetostatic waves-based integrated magnetooptic Bragg cell devices and applications 116146
Tsai, C.S., Sun, B., Kar-Roy, A. Acoustooptic Bragg diffraction studies on InGaAsP waveguides 106891
Tsai, C.S. *see* Matteo, A.M. 95885

Tsai, C.Y., Rothwell, E.J., Chen, K.M. Target discrimination using neural networks with time domain or spectrum magnitude response 79001
Tsai, C.Y. *see* Chen, K.M. 99656
Tsai, D. *see* Chen, S.Y. 87510
Tsai, D.-M., Lu, W.-J. Detecting and locating burrs of industrial parts 113017
Tsai, F.-Y. *see* Sheu, T.-J. 99537
Tsai, H.-K. *see* Chen, J.-H. 89390
Tsai, H.-M. *see* Liu, F.-Y. 110792
Tsai, H.-Y. *see* Chen, W.S. 108460
Tsai, H.-Y. *see* Wang, S.-J. 94540
Tsai, H.J. *see* Wang, M.H. 89848
Tsai, H.S., Liao, P., Lynch, J.J., Alexanian, A., York, R.A. Active antenna arrays for millimeter-wave power-combining 73643
Tsai, H.S., Rodwell, M.J.W., York, R.A. Quasi-optical amplifier array using broadband antennas 73767
Tsai, J. *see* Jain, R. 87669
Tsai, J.-H. *see* Laih, L.-W. 84489
Tsai, J.-H. *see* Lour, W.-s. 84474
Tsai, J.-H. *see* Lu, S.-C. 74007
Tsai, J.-S. Analyses of multi-irradiation film for system alignments in stereotactic radiotherapy (SRT) and radiosurgery (SRS) 110888
Tsai, J.-S., Curran, B.H., Sternick, E.S., Engler, M.J. Use of a 1 mm collimator to test the accuracy of stereotactic radiotherapy 110883
Tsai, J.A. *see* Noguchi, T. 105954
Tsai, J.L. *see* Chen, S.K. 72954
Tsai, J.L. *see* Chen, S.K. 115516
Tsai, J.T. *see* Rao, H.G. 68406
Tsai, M. *see* Jung-Chi Chiang 119681
Tsai, M.-H. *see* Mak, P. 94744
Tsai, M.-S. *see* Fuh, A.Y.-G. 116769
Tsai, M.C., Autio, C., Batten, M., Gagne, M., Kvenvold, T., Papadopoulos, C., Ricker, B., Sarkar, S., Perlowski, A. A low cost K-Band safety warning radar receiver system 88700
Tsai, M.H., Sun, S.C., Tsai, C.E., Chuang, S.H., Chiu, H.T. Comparison of the diffusion barrier properties of chemical-vapor-deposited TaN and sputtered TaN between Cu and Si 63168
Tsai, M.H. *see* Sun, S.C. 61342
Tsai, M.H. *see* Sun, S.C. 84242
Tsai, M.J., Villasenor, J.D., Chen, F. Stack-run image coding 117589
Tsai, M.S., Wang, K.W. Control of a ring structure with multiple hybrid piezoelectrical networks 104192
Tsai, P.J. *see* Huang, S.L. 95987
Tsai, P.R. *see* Su, S.H. 85291
Tsai, R. *see* Peatman, W.C.B. 63781
Tsai, R. *see* Peatman, W.C.B. 84479
Tsai, R. *see* Ytterdal, T. 63757
Tsai, R.H., Sheu, B.J., Berger, T.W. VLSI design for real-time signal processing based on biologically realistic neural models 108285
Tsai, T.C., Wang, Y.Z. Vibration analysis and diagnosis of a cracked shaft 61480
Tsai, V.W. *see* Dixson, R. 115084
Tsai, V.W. *see* Dixson, R. 115280
Tsai, V.W. *see* Schneir, J. 68959
Tsai, W. *see* Tait, R.N. 61377
Tsai, W.-C. *see* Chen, P.-C. 86345
Tsai, W.C. *see* Chang, T.C. 61190
Tsai, W.H. *see* Lo, R.-C. 117801
Tsai, W.K. *see* Liau, T.C. 108263
Tsai, W.T. *see* Subramanian, S. 110638
Tsai, Z. Routing control of impatient callers in an intelligent network with multiple service centers 98839
Tsai, Z. *see* Fan, C.-C. 118936
Tsai Che-Hsien *see* Che-Hsien Tsai
Tsai Chi-Che *see* Chi-Che Tsai
Tsai Chi-Taou *see* Chi-Taou Tsai
Tsai Chia-Chun *see* Chia-Chun Tsai
Tsai Chien-Chung *see* Chien-Chung Tsai
Tsai Chrong-Fa *see* Chrong-Fa Tsai
Tsai Din Ping *see* Din Ping Tsai
Tsai Du-Ming *see* Du-Ming Tsai
Tsai Erh-Yuan *see* Erh-Yuan Tsai
Tsai Fang-Tsan *see* Fang-Tsan Tsai
Tsai Han-Chang *see* Han-Chang Tsai
Tsai Horng-Ren *see* Horng-Ren Tsai
Tsai Huan-Shang *see* Huan-Shang Tsai
Tsai Jen-San *see* Jen-San Tsai
Tsai Jiunn-Yann *see* Jiunn-Yann Tsai
Tsai Jun-Hui *see* Jun-Hui Tsai
Tsai Jung-Hui *see* Jung-Hui Tsai
Tsai Jung-Yu *see* Jung-Yu Tsai
Tsai Jya-Jang *see* Jya-Jang Tsai
Tsai Jyi-Chang *see* Jyi-Chang Tsai
Tsai Kwung-Yee *see* Kwung-Yee Tsai
Tsai Ling-Ling *see* Ling-Ling Tsai
Tsai Meng-Jin *see* Meng-Jin Tsai
Tsai Min-Jen *see* Min-Jen Tsai
Tsai Ming-Ju *see* Ming-Ju Tsai
Tsai Ming-Kai *see* Ming-Kai Tsai
Tsai Ming-Ying *see* Ming-Ying Tsai
Tsai Ping-Sing *see* Ping-Sing Tsai
Tsai Ray-Yuan *see* Ray-Yuan Tsai
Tsai Rung-Ywan *see* Rung-Ywan Tsai
Tsai Shun-Shan *see* Shun-Shan Tsai
Tsai Shwu-Fang *see* Shwu-Fang Tsai
Tsai Tsung-Ming *see* Tsung-Ming Tsai
Tsai Wei-Tek *see* Wei-Tek Tsai
Tsai Wen-Chung *see* Wen-Chung Tsai
Tsai Wen-Hsiang *see* Wen-Hsiang Tsai
Tsai Wu-Yang *see* Wu-Yang Tsai
Tsai Yao-Tsung *see* Yao-Tsung Tsai
Tsai Yeou-Jyh *see* Yeou-Jyh Tsai
Tsai Ying-Chien Operational experience in line devices of distribution feeder automation for Taipei South District Office 111597
Tsai Yukun *see* Yukun Tsai
Tsai Ywh-Ren *see* Ywh-Ren Tsai
Tsai Zsehong *see* Zsehong Tsai
Tsai-Fa Lin *see* Horng-Yi Chang 115427
Tsai-Hsiang Chen, Hung-Yuan Kuo Analysis on the voltage unbalances due to high-speed railway demands 81968
Tsai-Hsiang Chen, Shyi-Wen Wang Applications of simplified bi-directional feeder models for accelerating the voltage-drop and power-loss calculations 81049
Tsai-Pao Lee, Kwang-Cheng Chen A novel pure digital signal processing noncoherent receiver based on filter bank realization for frequency shift keying 66268
Tsairidis, C., Ferentinos, K., Papaioannou, T. Information and random censoring 97399
Tsakalides, P., Nikias, C.L. The robust covariation-based MUSIC (ROC-MUSIC) algorithm for bearing estimation in impulsive noise environments 77030
Tsakalides, P., Nikias, C.L. Joint target angle and Doppler estimation with fractional lower-order statistics for airborne radar 119277
Tsakalis, K.S. *see* Cale, T.S. 61416
Tsakiri, M. An integrated GPS/dead reckoning in-car navigation system 88773
Tsalamengas, J.L. A parallel plate-fed slot antenna loaded by a dielectric semicylinder 85962
Tsalides, P. *see* Andreadis, I. 77497
Tsalides, P. *see* Srisuchinwong, B. 76761
Tsalides, Ph. *see* Andreadis, I. 82302
Tsalides, Ph. *see* Andreadis, I. 104623
Tsaliev, T.A. *see* Leshchuk, T.A. 76626
Tsaliev, T.A. *see* Voloshin, O.I. 85954
Tsallis, C., De Magalhaes, A.C.N. Pure and random Potts-like models: real-space renormalization-group approach 61574
Tsamakis, D., Glezos, N. Static current-voltage characteristics of silicon n^+-i-n^+ resistors at liquid helium temperatures 94229
Tsamakis, D. *see* Nicolaides, G.K. 64484
Tsang, C., Gafney, H.D., Sunil, D., Rafailovich, M., Sokolov, J., Gambino, R.J. High coercivity single-domain particles in glass matrix 75105
Tsang, D.H.K., Wales Kin Fai Wong A new rate-based switch algorithm for ABR traffic to achieve max-min fairness with analytical approximation and delay adjustment 87356
Tsang, D.H.K. *see* Hon-Wai Chu 77795
Tsang, D.H.K. *see* Lam, S.T.C. 108949
Tsang, D.H.K. *see* Lauderdale, J. 67139
Tsang, D.H.K. *see* Lauderdale, J. 108918
Tsang, D.H.K. *see* Ni, J. 108923
Tsang, D.H.K. *see* Tao Yang 78130
Tsang, G. *see* Moisan, C. 90347
Tsang, G. *see* Moisan, C. 101122
Tsang, H.K., Chan, L.Y. Measurement of long wavelength, low power pulse-widths using two photon absorption in InGaAsP waveguides 69526
Tsang, H.K. *see* Ziping Jiang 65313
Tsang, J.S. *see* Chuang, H.F. 105452
Tsang, J.S. *see* Lin, C.F. 74260
Tsang, K.F., Shi, W.M., Zhang, W.X. Analysis of rectangular-groove guides by using the method of lines 97254
Tsang, K.F. *see* Shi, W.M. 114261
Tsang, K.L. *see* Hsu, I. 89890
Tsang, K.L. *see* Weng, W.T. 79872
Tsang, K.M., To, F.W. Three dimensional shape recognition 97919
Tsang, K.Y., Gurcan, M.K. A novel time reversing decision feedback equalisation for mobile radio 118887
Tsang, L., Zhang, G., Pak, K. Detection of a buried object under a single random rough surface with angular correlation function in EM wave scattering 80593
Tsang, L. *see* Johnson, J.T. 120877
Tsang, L. *see* Zurk, L.M. 101567
Tsang, L. *see* Zurk, L.M. 111264
Tsang, L.F., Anderson, J., Brown, N. Effect of the physical properties of a thin-film layer on the forming characteristics of a thin-film/powder composite DCEL device 85298
Tsang, R.P., Du, D.H.C., Pavan, A. Experiments with video transmission over an asynchronous transfer mode (ATM) network 109197
Tsang, R.S., Rego, C.A., May, P.W., Thumim, J., Ashfold, M.N.R., Rosser, K.N., Younes, C.M., Holt, M.J. Gas-phase concentration measurements and diamond film composition from chlorine assisted CVD 72927
Tsang, R.S. *see* May, P.W. 72926
Tsang, R.S. *see* Rego, C.A. 61403
Tsang, S. *see* Marples, D. 67893
Tsang, T., Krumbugel, M.A., DeLong, K.W., Fittinghoff, D.N., Trebino, R. Frequency-resolved optical-gating measurements of ultrashort pulses using surface third-harmonic generation 110416
Tsang, W.T. *see* Chand, N. 75990
Tsang, W.T. *see* Chand, N. 107269
Tsang, W.T. *see* Osenbach, J.W. 65267
Tsang, W.T. *see* Park, Y.K. 99577
Tsang, W.T. *see* Tanbun-Ek, T. 78822
Tsang, W.T. *see* Tanbun-Ek, T. 119235
Tsang, Y.L., Miller, C., Lii, T. Investigation of polyimide residue due to reactive ion etching in O_2 63287
Tsang Ching *see* Ching Tsang
Tsang Chit-Sang *see* Chit-Sang Tsang
Tsang Leung *see* Leung Tsang
Tsang-Der Ni, DeMarco, J., Sturzebecher, D., Cummings, M. High frequency hermetic packages using LTCC 92252
Tsang-Der Ni, Sturzebecher, D. Polymer optical couplers for applications in multi-chip modules 62535
Tsang-Sum Huang *see* Bor-Ren Lin 113739
Tsann Lin, Gorman, G.L., Ching Tsano Antiferromagnetic and hard-magnetic stabilization schemes for magnetoresistive sensors 115718
Tsann Lin *see* Fontana, R.E., Jr. 115717
Tsano Ching *see* Ching Tsano
Tsantung Chen *see* Kaiser, K. 104617
Tsao, H.-S.J. *see* Shu-Cherng Fang 92497
Tsao, H.-S.J. *see* Shu-Cherng Fang 103681
Tsao, H.-S.Jacob *see* Jacob Tsao, H.-S.
Tsao, J.Y. A review of reflection mass spectrometry during III/V MBE 113391
Tsao, S.-L., Wang, W.-S., Wu, J., Jian, H.-C. Combined FD-CM numerical analysis of coplanar electrode waveguide for $LiNbO_3$ automatic polarization controller 75536
Tsao, T. *see* Yuan Xing Li 76768
Tsao, T.-P. *see* Chyn, C. 121458
Tsao Che-Chih *see* Che-Chih Tsao
Tsao Chen-Kuo *see* Chen-Kuo Tsao
Tsapulin, A.I. *see* Mokrov, Ye.A. 79719
Tsarapkin, D.P. Whispering gallery resonator temperature coefficient of frequency dependencies on temperature, disk configuration and resonant modes 114204
Tsarev, A.V. *see* Kolosovsky, E.A. 106456
Tsarik, S.V. *see* Baranov, V.I. 100730
Tsarik, S.V. *see* Biryukov, V.M. 100729
Tsatsakis, I., Kayafas, E., Loumos, V., Cambourakis, G. Using low cost video cameras in automation: a close range photogrammetry approach 68923
Tsatsakis, J. *see* Cambourakis, G. 71865
Tsatsanis, M.K., Cirpan, H.A. Blind identification of nonlinear channels excited by discrete alphabet inputs 117925
Tsatsanis, M.K., Giannakis, G.B. Equalization of rapidly fading channels: self-recovering methods 68140
Tsatsoulis, C. *see* Haverkamp, D. 111276
Tsatsoulis, C. *see* Leen-Kiat Soh 111258
Tsatsul'nikov, A.F. *see* Egorov, A.Yu. 114763
Tsatsul'nikov, A.F. *see* Kop'ev, P.S. 107351
Tsay, C.-H. *see* Koshigoe, S. 70308
Tsay, D.H. *see* Chen, K.S. 70462
Tsay, D.H. *see* Chen, K.S. 90841
Tsay, M.J. *see* Liu, C.S. 115597
Tsay, S.F. *see* Ikai Lo 105354
Tsay, W.-C. *see* Laih, L.-H. 69138
Tsay, Y.-J. *see* Chang, P.-C. 98348
Tsay Jiann-Horng *see* Jiann-Horng Tsay
Tschalaer, C. *see* Jacobs, K. 79916
Tschammer, V. *see* Tschichholz, M. 78064
Tschanun, I., Wihann, G. Waste to energy plant in a paper mill 92001
Tschanz, W. *see* Potts, M. 118218
Tscheliessnigg, K.H. *see* Hutten, H. 110923
Tschernitz, M. *see* Freyer, J. 62177
Tschichholz, M., Tschammer, V., Dittrich, A. Integrated approach to open distributed management 78064
Tschirner, B.M., Morier-Genoud, F., Martin, D., Reinhart, F.K. Capacitance-voltage profiling of quantum well structures 62945
Tschirschwitz, M. *see* Lambrecht, A. 69246
Tschoke, A. *see* Hassel, J. 91238
Tschoke, S. *see* Di Ianni, M. 86308
Tschosik, B., Lee, M. Low profile inductors, semiconductors, and capacitors make PCMCIA card DC-DC converter possible 82910
Tschudi, T. *see* Angelow, G. 107425
Tschudi, T. *see* Goebel, B. 96805
Tschudi, T. *see* Schosser, A. 68368
Tschudi, T. *see* Tabiryan, N.V. 89420
Tschudi, T. *see* Tabiryan, N.V. 96629
Tschudi, T. *see* Vydra, J. 96675
Tschulena, G.R. Microelectromechanical systems MEMS–the European situation 84656
Tschulena, G.R. Microelectromechanical systems MEMS–the European situation 95233
Tse, C.K., Chow, M.H.L. Single stage high power factor converter using the Sheppard-Taylor topology 121779
Tse, C.K., Fung, S.C., Kwan, M.W. Experimental confirmation of chaos in a current-programmed Cuk converter 82933
Tse, C.K. *see* Chan, W.C.Y. 121636
Tse, C.K. *see* So, W.C. 112080
Tse, C.K. *see* Tang, P.T. 121641
Tse, C.K. *see* Wu, M.K.W. 61611
Tse, C.K. *see* Zeng, X. 114139
Tse, D. *see* Grossglauser, M. 117913
Tse, K.F. *see* Chadwick, A.V. 89189
Tse, K.K., Chung, H. Fast time-domain analysis of PWM switching regulators 121678
Tse, K.K. *see* Chung, H. 71537
Tse, K.W. *see* Ni, J.Q. 117788

Tse, M.S. *see* Zhu, W. 61351
Tse, P.W., Zukerman, M. Evaluation of multiplexing gain 77664
Tse, S.K. *see* Hamada, M. 82417
Tse Cheng, Yun, D.Y.Y. Canonical modeling and multiview indexing for 3D object recognition 98001
Tse Chi-Yin *see* Chi-Yin Tse
Tse Chiu *see* Chiu Tse
Tse Man-Siu *see* Man-Siu Tse
Tse Siu-Keung *see* Siu-Keung Tse
Tse-En Chang *see* Tahui Wang 95014
Tseitlin, M.B., Myasin, E.A., Lytkina, T.A. Theory of the relativistic orotron 62617
Tsekoun, A.G. *see* Garbuzov, D.Z. 116194
Tselikis, G. *see* Chatzipapadopoulos, F. 120478
Tsen, K.T. *see* Grann, E. 114623
Tsen, K.T. *see* Grann, E.D. 62830
Tsen, S.-C.Y. *see* Smith, D.J. 113288
Tsen, S.C.Y., Smith, D.J., Hutchins, J.W., Skromme, B.J., Chen, Y.P., Sivananthan, S. Heteroepitaxial CdTe(111) grown by MBE on nominally flat and misoriented Si(001) substrates: characterization by electron microscopy and optical methods 74161
Tsen-Chieh Chiu *see* Sarabandi, K. 109716
Tsen-Chieh Chiu *see* Sarabandi, K. 109797
Tseng, B. *see* Krishnamoorthy, A.V. 65002
Tseng, B. *see* Woodward, T.K. 78867
Tseng, B. *see* Woodward, T.K. 85333
Tseng, B. *see* Woodward, T.K. 88610
Tseng, B.L., Anastassiou, D. Compatible video coding of stereoscopic sequences using MPEG-2's scalability and interlaced structure 67125
Tseng, B.L., Anastassiou, D. Multiviewpoint video coding with MPEG-2 compatibility 97903
Tseng, B.T. *see* Chirovsky, L.M.F. 85334
Tseng, C.-C. *see* Pei, S.-C. 97857
Tseng, C.C., Chao, C.K. Fuel rod load follow analysis 71083
Tseng, C.H. *see* Chia, W.M. 104233
Tseng, C.L. *see* Wang, T.K. 100807
Tseng, H.-C., Pan, F.M., Chang, C.Y. Characterization of boron silicide layer deposited by ultrahigh-vacuum chemical-vapor deposition 113446
Tseng, J.-L., Meyer, J.F. Exact and approximate analysis of ATM cell loss correlation 108771
Tseng, K.J. *see* Chen, G.H. 81966
Tseng, K.J. *see* Chen, G.H. 122048
Tseng, M.R. *see* Lin, J.C. 104154
Tseng, P., Bertsekas, D.P. An ε-relaxation method for generalized separable convex cost network flow problems 113130
Tseng, P., Yamashita, N., Fukushima, M. Equivalence of complementarity problems to differentiable minimization: a unified approach 92547
Tseng, P.-K. *see* Hsu, I. 100592
Tseng, P.K. *see* Chan, C.H. 100443
Tseng, P.K. *see* Gwo-Huei Luo 79869
Tseng, P.K. *see* Hwang, C.S. 96996
Tseng, P.N. *see* Shyh-Chyi Wong 115336
Tseng, Q. *see* Ford, J.E. 95642
Tseng, S.-Y. *see* Chen, W.-T. 78286
Tseng, T.Y. *see* Hsieh, M.C. 64503
Tseng, T.Y. *see* Wang, J.P. 75017
Tseng, W.-Y. *see* Lin, C.-W. 98805
Tseng, W.F. *see* Huang, X.R. 95828
Tseng, W.Y. *see* Liu, A.K. 111255
Tseng, Y.-C. *see* Quirk, P.J. 118283
Tseng Bae-Heng *see* Bae-Heng Tseng
Tseng Chialian *see* Chao Jiunnhsing 69844
Tseng Chien-Cheng *see* Chien-Cheng Tseng
Tseng Din-Chang *see* Din-Chang Tseng
Tseng Hsien-Hui *see* Hsien-Hui Tseng
Tseng Hsing-Huang *see* Hsing-Huang Tseng
Tseng Hua-Chou *see* Hua-Chou Tseng
Tseng Kent *see* Kent Tseng
Tseng Ming-Tzong *see* Ming-Tzong Tseng
Tseng Sheng-Tsaing *see* Sheng-Tsaing Tseng
Tseng Shiao-Min *see* Shiao-Min Tseng
Tseng Tseung-Yuen *see* Tseung-Yuen Tseng
Tseng Tzu-Feng *see* Tzu-Feng Tseng
Tseng Wei-Hsin *see* Wei-Hsin Tseng
Tseng Wen-Yu *see* Wen-Yu Tseng
Tseng Yen-Hao *see* Yen-Hao Tseng
Tseng Yi-Chyun *see* Yi-Chyun Tseng
Tseng Yu-Chu *see* Yu-Chu Tseng
Tseng Yuh-Kuang *see* Yuh-Kuang Tseng
Tsentalovich, E. *see* Jacobs, K. 79916
Tsenter, B., Anderman, M. Common vessel monoblock design for sealed nickel-cadmium batteries 112272
Tsentsiper, L.M., Fedortsov, A.B., Letenko, D.G. A device for on-line measurements of liquid-film spread and evaporation kinetics 88936
Tser-Ting Kuo *see* Ching-Ting Lee 116082
Tserepi, A. *see* Gruen, M. 74206
Tsern, E.K., Meng, T.H. A low-power video-rate pyramid VQ decoder 77293
Tsern-Huei Lee, Jen-Cheng Lin A fully distributed power control algorithm for cellular mobile systems 68084
Tsern-Huei Lee, Jen-Cheng Lin A study on the distributed power control for cellular mobile systems 109549
Tsern-Huei Lee, Kuen-Chu Lai, Ming-Ying Tsai Definition of burstiness and quantization for delay sensitive traffic streams 87315
Tsern-Huei Lee, Kuen-Chu Lai, Shii-Tyng Duann Design of a real-time call admission controller for ATM networks 117988
Tserng Hua Quen *see* Hua Quen Tserng
Tserruya, I. *see* Agakichiev, G. 69736
Tserruya, I. *see* Faschingbauer, U. 110557
Tseung-Yuen Tseng *see* Chien-Jang Wu 84880
Tseung-Yuen Tseng *see* Liang-Fu Chen 104178
Tseung-Yuen Tseng *see* Yin-Pin Wang 104891
Tseytlin, M.B. *see* Belyavsky, B.A. 94196
Tsfasman, M.A. Algebraic geometry lattices and codes 108163
Tsiartas, P.C. *see* Henderson, C.L. 105798
Tsiboukis, T.D. *see* Kantartzis, N.V. 76535
Tsiboukis, T.D. *see* Kantartzis, N.V. 107855
Tsiboukis, T.D. *see* Rekanos, I.T. 96896
Tsiboukis, T.D. *see* Rikanos, I.T. 96952
Tsiboukis, T.D. *see* Theodoulidis, T.P. 107776
Tsiboukis, T.D. *see* Yioultsis, T.V. 65962
Tsiboukis, T.D. *see* Yioultsis, T.V. 76331
Tsiboukis, T.D. *see* Yioultsis, T.V. 107733
Tsidilkovski, I.M., Kuleyev, I.G. Spatial correlations of impurity charges in gapless semiconductors 62730
Tsien Ming Au, Kin Fai Tong, Kwai-Man Luk Performance of aperture-coupled dual-patch microstrip phased arrays 108064
Tsien Pei-Hsin *see* Zhang Pengfei 84060
Tsien Pei-Hsin *see* Pei-Hsin Tsien
Tsien Peihsin *see* Fu Jun 105965
Tsien Peihsin *see* Wang Hongwei 63206
Tsien Peihsin *see* Peihsin Tsien
Tsihrintzis, G.A., Min Shao, Nikias, C.L. Recent results in application and processing of α-stable-distributed time series 86280
Tsihrintzis, G.A., Nikias, C.L. Fast estimation of the parameters of alpha-stable impulsive interference 76978
Tsihrintzis, G.A., Nikias, C.L. Data-adaptive algorithms for signal detection in impulsive noise modeled as a subGaussian, alpha-stable process 117500
Tsihrintzis, G.A. *see* Heidari, S. 76986
Tsihrintzis, G.A. *see* Nandhakumar, N. 69242
Tsiknakis, M., Katehakis, D.G., Orphanoudakis, S.C. Intelligent image management in a distributed PACS and telemedicine environment 90669
Tsikouras, P. *see* Dass, B.K. 108141
Tsiligirides, T. Numerical analysis of some basic fluid communication models via parallel block methods 108760
Tsiligirides, T. Queueing analysis of a hybrid CSMA/CD and BTMA protocol with capture 118148
Tsimbinos, J., Lever, K.V. The computational complexity of nonlinear compensators based on the Volterra inverse 117518
Tsimring, S.E. *see* Raisky, B.V. 105023
Tsimring, Sh.E., Zapevalov, V.E. Experimental study of intense helical electron beams with trapped electrons 96958
Tsingos, N. *see* Guiard-Marigny, T. 97646
Tsiotsios, E.N., Kolyvas, G.T., Venieris, I.S. ATM access-shaping and bandwidth-tuning of DQDB egress traffic 109037
Tsioumparakis, K.H., Doumi, T.L., Gardiner, J.G. Delay spread statistics in a two-path radio environment 107924
Tsiova, V.P. *see* Belakin, V.Ye. 74063
Tsipolitis, Y. *see* Basti, G. 90164
Tsirekis, C.D. *see* Papadias, B.C. 102150
Tsirou, A. *see* Adam, W. 69709
Tsirou, A. *see* Allen, D. 69741
Tsitouras, C. *see* Papageorgiou, G. 72659
Tsitsias, S. *see* Moronis, A. 95294
Tsitsias, S. *see* Tsitsoglou, I. 95258
Tsitsias, S.A., Bourkas, P.D., Karagiannopoulos, C.G., Moronis, A.X., Halaris, P.G., Tsitsoglou, I. Approach to the electronegative effects of SF$_6$ in short point-to-plain gaps under impulse voltage excitation 95263
Tsitsias, S.A. *see* Halaris, P.G. 95259
Tsitsikyan, G.N. *see* Kuznetsov, I.F. 102144
Tsitsoglou, E. *see* Moronis, A. 95294
Tsitsoglou, I., Bourkas, P.D., Caragiannopoulos, K., Moronis, A., Halaris, P., Tsitsias, S. Dielectric aging of the solid-liquid insulator with alternating high voltage strains 95258
Tsitsoglou, I. *see* Halaris, P.G. 95259
Tsitsoglou, I. *see* Karagiannopoulos, C.G. 95293
Tsitsoglou, I. *see* Tsitsias, S.A. 95263
Tsividis, Y., Dandan Li Current-mode filters using syllabic companding 104691
Tsividis, Y. *see* Bouras, S. 114145
Tsividis, Y. *see* Pipilos, S. 114074
Tsividis, Y.P. *see* Pipilos, S. 114070
Tskhai, S.N. *see* Udalov, Y.B. 107103
Tskhai, V.N. *see* Gielkens, S.W.A. 85381
Tsmots', V.M. *see* Kabaldin, A.N. 105100
Tso, C.P. *see* Yu, S.C.M. 89486
Tso, G. *see* Siu-Keung Tse 60696
Tso, S.K., Cheung, S.P. Fast prediction of transient stability margin in systems with SVC control and HVDC link 80995
Tso, S.K., Fung, Y.H., Cheung, Y.P. Fuzzy-logic control for differential-wheel-drive AGVs using linear opto-sensor arrays 89016
Tso, S.K., Zhu, T.X., Zeng, Q.Y., Lo, K.L. Physical simulation study of dynamic voltage instability [in power systems] 80822
Tso, S.W. *see* Yau, S.F. 67065
Tso, T.-L. *see* Wu, R.T. 70534
Tso-Chien Wang The status quo and vista of TPC's electrical supply 102032
Tsobnang, F. *see* Rousset, V. 84251
Tsoga, A. *see* Naoumidis, A. 81818
Tsoi, H.-Y. *see* Tu, S.L. 105913
Tsoi Ah Chung *see* Ah Chung Tsoi
Tsokurenko, A.A. *see* Arkad'ev, V.Yu. 71367
Tsong, I.S.T. *see* Li, L. 94450
Tsong, I.S.T. *see* Li, L. 115036
Tsong, I.S.T. *see* Wei, Y. 63275
Tsong-Ho Wu, Li Fung Chang Architectures for PCS mobility management on ATM transport networks 68289
Tsorng-Lin Chia, Zen Chen, Chaur-Jou Yueh A method for rectifying grid junctions in grid-coded images using cross ratio 87211
Tsorng-Lin Chia *see* Jen-Bin Huang 117546
Tsorng-Shyang Lee Temperature measurement and adjustment of power transformer thermometer 81512
Tsotsos, J.K. *see* Lobo, N.da V. 98047
Tsou, B.H. *see* Bui, T.H. 90706
Tsou, B.H. *see* Chen, J.-S. 89174
Tsou, H.S., Ye, R., Venkayya, V.B. Micro pyroelectromechanical responses and static/vibration control of piezoelectric devices 115451
Tsou, L. *see* Baumgart, H. 61642
Tsou, R.H. *see* Chang, J.Y. 116699
Tsou, Y., Ho, F.C. Optical properties of hafnia and coevaporated hafnia:magnesium fluoride thin films 106919
Tsou, Y.J. *see* Durcok, S. 106556
Tsou Ren-Han *see* Ren-Han Tsou
Tsoukalas, L.H. *see* Xinqing, L. 121291
Tsoukatos, A., Gupta, S., Kim, Y.K. Deposition condition and thickness dependence on magnetic properties of sputtered NiFeCo thin films 64302
Tsoukatos, A., Gupta, S., Marx, D. Cr/(CoPtCr,CoPt$_x$) layered film studies for hard bias applications 64378
Tsoukatos, A. *see* Dykes, J.W. 75166
Tsoulos, G.V., Beach, M.A., Swales, S.C. Performance enhancement of DS-CDMA PCS cellular networks with smart antennas 78453
Tsoulos, G.V., Beach, M.A., Swales, S.C. Intelligent antennas for DS-CDMA systems 88386
Tsoulos, G.V., Beach, M.A., Swales, S.C. Sensitivity analysis of capacity enhancement with adaptive multibeam antennas for DCS1800 109405
Tsoulos, G.V., Beach, M.A., Swales, S.C. Performance enhancement of DS-CDMA microcellular networks with adaptive antennas 109546
Tsoupas, N., Rodger, E., Claus, J., Foelsche, H.W., Wanderer, P. Design and B-field measurements of a Lambertson injection magnet for the RHIC machine 89800
Tsoy, E.I. Ensurance of nuclear safety in production of fuel pellets for nuclear power plants 111758
Tsu, R., Filios, A., Lofgren, C., Cahill, D., Vannostrand, J., Wang, C.G. An epitaxial Si/SiO$_2$ superlattice barrier 61235
Tsu-Jae King *see* Bernstein, J.D. 63250
Tsu-Shuan Chang *see* Teng-Sheng Moh 106135
Tsubaki, K. *see* Tokura, Y. 62927
Tsubaki, K. *see* Tokura, Y. 94548
Tsubaki, S. *see* Murao, Y. 90550
Tsubakimoto, K. *see* Jitsuno, T. 85562
Tsubakimoto, K. *see* Miyanaga, N. 85564
Tsubakimoto, K. *see* Uchida, S. 81132
Tsubakimoto, K. *see* Yasuda, H. 76313
Tsubata, M. *see* Nakanishi, T. 114507
Tsubin, V. *see* Grimalski, V. 114296
Tsubio, M. *see* Ikuta, K. 74947
Tsuboi, H., Asahara, T., Kobayashi, F., Misaki, T. Eddy current analysis on thin conducting plate by an integral equation method using edge elements 107792
Tsuboi, H., Kobayashi, F., Misaki, T. Computation of electric current distribution on thin conducting plate using edge element 65685
Tsuboi, K. *see* Matsui, K. 91649
Tsuboi, M. *see* Sunada, K. 68807
Tsuboi, N. *see* Fukuda, T. 92671
Tsuboi, N. *see* Yamamoto, M. 84613
Tsuboi, N. *see* Yamamoto, M. 100234
Tsuboi, S., Yamashita, Y., Matsuo, T., Ohta, T., Shoki, T., Yoshihara, T., Taguchi, T., Mitsui, S., Noda, S., Suzuki, K., Hoga, H., Yamaguchi, Y., Suzuki, K. X-ray mask distortion induced in back-etching preceding subtractive fabrication: resist and absorber stress effect 74657
Tsuboi, S. *see* Hashimoto, M. 115700
Tsuboi, S. *see* Matsuse, M. 72854
Tsuboi, S. *see* Matsuse, M. 92842
Tsuboi, T., Kikuchi, K. An autonomous provisioning algorithm of remote operation in asynchronous transfer mode networks 67539
Tsuboi, T. *see* Horikawa, A. 77999
Tsuboi, T. *see* Oku, Y. 110935
Tsuboi, T. *see* Ter-Mikirtychev, V.V. 85453
Tsuboi, T. *see* Ter-Mikirtychev, V.V. 116442
Tsubone, K. *see* Nakamura, T. 74860
Tsubono, I. *see* Suzuki, K. 74140
Tsubota, H., Kobayashi, T. The M32R/D, a 32 b RISC microprocessor with 16 Mb embedded DRAM 104571
Tsubota, H. *see* Iwata, S. 113978
Tsubota, H. *see* Korematsu, J. 73404
Tsubota, H. *see* Shimizu, T. 73431

Tsubota, K., Igarashi, H., Honma, T. A kinetic analysis of plasma sheath by integral equation method 107797
Tsubota, K. *see* Yamashita, T. 88839
Tsubota, M. *see* Nakamura, K. 112570
Tsubota, M. *see* Suzuki, K. 112271
Tsubouchi, K. *see* Shiba, T. 84740
Tsubouchi, K. *see* Shiba, T. 109329
Tsubouchi, N. *see* Mokuno, Y. 100388
Tsuboya, T. *see* Nakajima, N. 72111
Tsuboyama, T., Haba, J., Ikeda, H., Iwasaki, H., Matsuda, T., Ozaki, H., Tanaka, M., Yamada, Y., Saito, Y., Akamine, K., Inoue, M., Yamanaka, J., Kadoi, K., Takano, R., Kojima, Y., Miyahara, S., Kamiya, M., Okuno, S., Avrillon, S., Hazumi, M., Nagashima, Y., Asano, Y., Fukunishi, I., Nemoto, T., Mori, S., Fukunaga, C., Hirose, T., Miyata, H., Miyano, K., Banas, E., Bozek, A., Natkaniec, Z., Palka, H., Rozanska, M., Rybicki, K. Test of a double-sided double-metal silicon microstrip detector with an ONO insulator 100836
Tsuboyama, T. *see* Hazumi, M. 100854
Tsuboyama, T. *see* Ikeda, H. 100804
Tsuboyama, T. *see* Kobayashi, H. 80247
Tsuboyama, T. *see* Saitoh, Y. 80027
Tsuboyama, T. *see* Saitoh, Y. 100838
Tsuburaya, T. *see* Aboshi, M. 81978
Tsuchiaki, M., Bruno, A., Tsunashima, Y., Watanabe, T. A study of the oxidation slow-down mechanism induced by carbon contamination on silicon surface 114973
Tsuchiaki, M., Kvitek, R.J., Ohiwa, T., Takato, H., Watnabe, T. Silicon oxidation inhibition after NF$_3$-Ar RIE in the presence of photoresist 63354
Tsuchiaki, M., Kvitek, R.J., Parks, C., Murphy, R.J., Ohiwa, T., Watanabe, T. Impact of reactive ion etching induced carbon contamination on oxidation of silicon 94776
Tsuchida, K., Igasaki, A., Tanaka, Y., Matsubara, R., Kato, A. Ceramic electrode for vapour-fed alkali metal thermoelectric converter 71723
Tsuchida, K. *see* Moriyama, S. 109853
Tsuchida, K. *see* Moriyama, S. 119363
Tsuchida, N. *see* Shibata, Y. 91522
Tsuchida, T., Yonekura, Y., Nishizawa, S., Sadato, N., Tamaki, N., Fujita, T., Magala, Y., Konishi, J. Nonlinearity correction of brain perfusion SPECT based on permeability-surface area product model 120371
Tsuchida, T. *see* Ando, M. 79598
Tsuchida, W. *see* Hashimoto, O. 110956
Tsuchida, Y., Tokumasu, T., Isaka, S. The leakage flux analysis of a 1000 MVA power transformer by means of three dimensional finite element method 102808
Tsuchida, Y. *see* Enokizono, M. 69664
Tsuchie, E. *see* Yoshida, Y. 91683
Tsuchimori, M., Watanabe, O., Ogata, S.-I., Okada, A. Stable second-order optical nonlinearity of urethane-urea copolymers 65430
Tsuchimoto, M., Takaichi, H., Murakami, M. Experimental evaluation of the total shielding current in a bulk high-Tc superconductor [YBaCuO] 64564
Tsuchimoto, M., Waki, H., Honma, T., Itoh, Y., Yanagi, Y., Yoshikawa, M., Oka, T., Yamada, Y., Mizutani, U. Numerical analysis of magnetization of a bulk high T_c superconductor 64516
Tsuchimoto, M. *see* Morikawa, K. 95613
Tsuchitani, S., Suzuki, S., Matsumoto, M., Miki, M. Theoretical study on the surface force in microstructures 84638
Tsuchiya, H., Akamatsu, M., Ishida, M., Hasegawa, F. Layer-by-layer growth of GaN on GaAs substrates by alternate supply of GaCl$_3$ and NH$_3$ 82606
Tsuchiya, H., Itoh, S., Hashimoto, T. An algorithm for designing a pattern classifier by using MDL criterion 66953
Tsuchiya, H., Miyoshi, T. Bipolar quantum-transport modeling of carrier injection into a SCH-quantum-well laser 65285
Tsuchiya, H. *see* Miyoshi, T. 63802
Tsuchiya, H. *see* Miyoshi, T. 92639
Tsuchiya, H. *see* Takeuchi, A. 104060
Tsuchiya, K., Ohuchi, N., Kobayashi, T.M., Ajima, Y., Ogitsu, T., Haruyama, T., Doi, Y. Development and test results of the prototype active shield dipole magnets for the KEK B-Factory 89626
Tsuchiya, K., Takefuji, Y. A neural network approach to PLA folding problems 113915
Tsuchiya, K. *see* Kabei, N. 85805
Tsuchiya, K. *see* Ogitsu, T. 95594
Tsuchiya, K. *see* Ogitsu, T. 100411
Tsuchiya, K. *see* Yamamoto, A. 89625
Tsuchiya, M., Takeshita, H., Kamiya, T. Precise analysis of linear and non-linear chirp parameters of gain-switched distributed feedback laser pulses for the fibre optic compression scheme 107256
Tsuchiya, M. *see* Hoshida, T. 96388
Tsuchiya, M. *see* Hoshida, T. 116525
Tsuchiya, M. *see* Klaus, W. 85130
Tsuchiya, M. *see* Matsuoka, Y. 115388
Tsuchiya, M. *see* Nakamoto, T. 81593
Tsuchiya, M. *see* Schell, M. 76000
Tsuchiya, M. *see* Thapliya, R. 87246
Tsuchiya, M. *see* Uchiyama, Y. 75917
Tsuchiya, O. *see* Miwa, H. 73345
Tsuchiya, R., Teshigahara, K., Yoshida, K., Hara, M., Aihara, M., Shiroishi, Y. Recorded magnetization analysis by computer simulation 115655
Tsuchiya, R. *see* Yaji, T. 104169
Tsuchiya, S. *see* Avrillon, S. 80033
Tsuchiya, S. *see* Avrillon, S. 100851
Tsuchiya, T., Saito, I. The worst case cell arrival patterns that conform to the GCRA in ATM networks 77677
Tsuchiya, T. *see* Douseki, T. 73248
Tsuchiya, T. *see* El-Bakry, A.S. 72517
Tsuchiya, T. *see* Ino, M. 73249
Tsuchiya, T. *see* Ishihara, M. 113500
Tsuchiya, T. *see* Kagawa, Y. 84720
Tsuchiya, T. *see* Koizumi, H. 95013
Tsuchiya, T. *see* Kuroda, H. 73812
Tsuchiya, T. *see* Kuroda, H. 83419
Tsuchiya, T. *see* Matsushita, A. 81929
Tsuchiya, T. *see* Morishita, S. 113553
Tsuchiya, T. *see* Nakahara, K. 76019
Tsuchiya, T. *see* Nishio, K. 82712
Tsuchiya, T. *see* Shinbo, K. 81632
Tsuchiya, T. *see* Tabata, O. 113561
Tsuchiya, Y. *see* Inoue, Y. 106987
Tsuda, D. *see* Fiksel, J. 72379
Tsuda, H., Yoshizawa, T., Hirabayashi, K., Kurokawa, T. Polarization-independent tunable liquid-crystal Fabry-Perot interferometer filters 64823
Tsuda, H. *see* Kataoka, T. 68519
Tsuda, H. *see* Kojima, K. 73411
Tsuda, H. *see* Sano, A. 78876
Tsuda, I., Satake, K., Kasahara, M. Notes on designs of decoders using automatic logic synthesis system 113919
Tsuda, I. *see* Wright, J.J. 101391
Tsuda, K., Minoh, M., Ikeda, K. Extracting straight lines by sequential fuzzy clustering 77477
Tsuda, M., Toyoda, N., Matsui, M., Ishiyama, A. Stability of non-insulated AC multi-strand superconducting cables 102177
Tsuda, M. *see* Kaibazawa, H. 98931
Tsuda, M. *see* Tanaka, M. 94515
Tsuda, N., Kuroda, K., Suzuki, Y. An inverse method to optimize heating conditions in RF-capacitive hyperthermia 110911
Tsuda, S., Knox, W.H., Cundiff, S.T. High efficiency diode pumping of a saturable Bragg reflector-mode-locked Cr:LiSAF femtosecond laser 107206
Tsuda, S., Knox, W.H., Cundiff, S.T. 670-nm MOPA (diffraction-limited) diode pumping of the saturable Bragg reflector-mode-locked Cr:LiSAF femtosecond laser 116462
Tsuda, S. *see* Collings, B.C. 96180
Tsuda, S. *see* Hishikawa, Y. 103018
Tsuda, S. *see* Isomura, M. 105192
Tsuda, S. *see* Isomura, M. 116204
Tsuda, S. *see* Kinoshita, T. 102978
Tsuda, S. *see* Knox, W.H. 65146
Tsuda, S. *see* Kuramoto, K. 113481
Tsuda, S. *see* Matsuyama, T. 92881
Tsuda, S. *see* Svoboda, K. 120306
Tsuda, S. *see* Terakawa, A. 102992
Tsuda, T. *see* Nagakura, T. 110939
Tsuda, Y. *see* Kawata, K. 73884
Tsuda, Y. *see* Nishikawa, M. 106870
Tsudik, G. *see* Steiner, M. 76740
Tsuduki, K., Ishibashi, Y., Shouno, K. A realization of real filter based on a complex filter 62009
Tsudzuki, K. *see* Ishibashi, Y. 62021
Tsuei, J.J. The science of acupuncture–theory and practice 70183
Tsuei, J.J., Lam, F.M.K., Pesus Chou Clinical applications of the EDST 70161
Tsuen-Lin Lee, Wen-Ding Chu, Hao-Hsiung Lin Growth and characterization of AlGaAs/GaAs heterojunction bipolar transistor on GaAs (111)B substrate by molecular beam epitaxy 84307
Tsuen-Lin Lee *see* Jin-Shung Liu 103898
Tsugai, M., Bessho, M., Arai, H., Araki, T. A compensation method for the temperature offset drift on the semiconductor piezoresistive sensors 119611
Tsugawa, H. *see* Fujimura, M. 116433
Tsugawa, K. *see* Jin, N. 115247
Tsuge, H. *see* Komiyama, B. 69469
Tsuge, R. *see* Oki, I. 121823
Tsuge, S. *see* Matsuyama, T. 92881
Tsuge, S. *see* Takahama, T. 81884
Tsuge, Y. *see* Takeda, K. 103514
Tsugumi, S. *see* Kobayashi, H. 102463
Tsuhako, J. *see* Senda, T. 82957
Tsui, B.M.W., Zhao, X.-D., Frey, E.C. Accurate 3D detector response compensation in SPECT using multigrid iterative reconstruction methods 101150
Tsui, B.M.W., Zhao, X.D., Frey, E.C., Ju, Z.-W., Gullberg, G.T. Characteristics of reconstructed point response in three-dimensional spatially variant detector response compensation in SPECT 80227
Tsui, B.M.W. *see* de Vries, D.J. 101319
Tsui, B.M.W. *see* Frey, E.C. 80233
Tsui, B.M.W. *see* Gregoriou, G.K. 90422
Tsui, B.M.W. *see* Kadrmas, D.J. 101129
Tsui, B.M.W. *see* Kadrmas, D.J. 101287
Tsui, B.M.W. *see* Lalush, D.S. 70064
Tsui, B.M.W. *see* Li, J. 101155
Tsui, B.M.W. *see* Pan, T.-S. 101167
Tsui, D.C. *see* Chen, C.J. 69118
Tsui, D.C. *see* Grayson, M. 62978
Tsui, D.C. *see* Hirakawa, K. 105263
Tsui, E., Nelson, J., Barnham, K., Button, C., Roberts, J.S. Determination of the quasi-Fermi-level separation in single-quantum-well *p-i-n* diodes 116236
Tsui, E. *see* Barnham, K. 102982
Tsui, F.-C., Li, C.-C., Sun, M., Sclabassi, R.J. Multiresolution dynamic predictor based on neural networks 90288
Tsui, H.T., Yibing Yang, Hong, K.T. Mobile robot localization based on scene matching with a CAD model 86875
Tsui, H.T. *see* Anh, V.V. 86670
Tsui, J.B.Y., Akos, D.M. Comparison of direct and downconverted digitization in GPS receiver front end designs 99687
Tsui, K.H., Cavalcanti, G.H., Farias, A.S., Marinha, M.D.S., Soares, L.M., Massone, C.A. Plasma impedance and electron density in a pulsed laser channel 75786
Tsui, M.W. *see* Lalush, D.S. 90420
Tsui, R., Shiralagi, K., Shen, J. Growth of resonant interband tunneling diodes using trimethylamine alane 103961
Tsui, R. *see* Shen, J. 61799
Tsui, R. *see* Shiralagi, K. 103938
Tsui Bing-Yue *see* Bing-Yue Tsui
Tsui Chi-Ying *see* Chi-Ying Tsui
Tsui Fu-Chiang *see* Fu-Chiang Tsui
Tsui Hung Tat, Chen Zhi Yi A new tracking method for shape from motion using an active vision system 86868
Tsui Hung-tat *see* Hung-tat Tsui
Tsui Yu-Chin *see* Yu-Chin Tsui
Tsuiki, S. *see* Tsukutani, T. 62015
Tsuiki, S. *see* Tsukutani, T. 104697
Tsuji, A. *see* Hasegawa, H. 81634
Tsuji, A. *see* Kurioka, H. 70856
Tsuji, A. *see* Tanabe, T. 105759
Tsuji, A. *see* Tejima, S. 118388
Tsuji, H., Ohta, N., Suto, K., Morisaki, M. Regional PC community/group communication network service system driving FTTH forward 118670
Tsuji, H. *see* Ando, T. 95522
Tsuji, H. *see* Gotoh, Y. 100781
Tsuji, H. *see* Gotoh, Y. 114508
Tsuji, H. *see* Iida, F. 95520
Tsuji, H. *see* Irie, K. 118429
Tsuji, H. *see* Ishikawa, J. 74048
Tsuji, H. *see* Kato, T. 91189
Tsuji, H. *see* Koizumi, N. 64578
Tsuji, H. *see* Koizumi, N. 95445
Tsuji, H. *see* Koizumi, N. 95512
Tsuji, H. *see* Matsui, K. 102175
Tsuji, H. *see* Ogata, H. 95521
Tsuji, H. *see* Ohta, N. 98700
Tsuji, H. *see* Sato, F. 89329
Tsuji, H. *see* Shimamoto, S. 95590
Tsuji, H. *see* Sugimoto, M. 95523
Tsuji, H. *see* Wadayama, Y. 95564
Tsuji, K., Okubo, M., Yamasaki, H., Niwa, Y., Kaneko, T. Characteristics of flow and plasma under high MHD interaction in nonequilibrium disk MHD generator using argon 81913
Tsuji, K., Yonezu, H., Shin, J.-K. Topological mapping formation in a neural network with variations of device characteristics 62131
Tsuji, K. *see* Hosono, K. 62101
Tsuji, K. *see* Kasai, J. 103454
Tsuji, K. *see* Kubota, M. 99753
Tsuji, K. *see* Kubota, M. 109902
Tsuji, K. *see* Murakami, T. 112423
Tsuji, K. *see* Nakamura, K. 80778
Tsuji, K. *see* Nakano, Y. 119739
Tsuji, K. *see* Nosaka, H. 94386
Tsuji, M., Li, H., Izumi, K., Yamada, E. A generalized method of controlled voltage source-fed induction motor vector control using the observer theory 121482
Tsuji, M., Makita, K., Takeuchi, T., Taguchi, K. Selective growth of InAlAs by low pressure metalorganic vapor phase epitaxy 72820
Tsuji, M., Nasu, R., Shigesawa, H. A synthesis method of low-loss Y branches for use in dielectric-waveguide circuits and its experiments 116986
Tsuji, M., Nomura, Y., Shigesawa, H. Automatic synthesis tool for waveguide components supported by hybrid edge-element formulation 93742
Tsuji, M., Takayama, H., Shigesawa, H. A new type of the narrow-pulse distortion caused by the simultaneous-propagation effect of both bound and leaky modes on printed-circuit transmission lines 85908
Tsuji, M., Yoshimura, K., Shigeasawa, H. Mode extinction effect on printed transmission lines when the thickness of lossy conductors is decreased 116963
Tsuji, M. *see* Hayashi, M. 64942
Tsuji, M. *see* Izumi, K. 104401
Tsuji, M. *see* Katsura, T. 90848
Tsuji, M. *see* Mizuno, T. 114190
Tsuji, M. *see* Ogawa, Y. 91279
Tsuji, M. *see* Tzeng, L.D. 99569
Tsuji, M. *see* Watanabe 78805
Tsuji, M. *see* Watanabe, I. 64940
Tsuji, M. *see* Watanabe, I. 64941
Tsuji, M. *see* Yamada, E. 111836
Tsuji, M. *see* Yamada, E. 112051

Tsuji, N., Akiyama, T., Komiyama, H. Measurement of the concentration of hydrogen radicals and their recombination probability on a-Si:H 92892
Tsuji, N., Akiyama, T., Komiyama, H. Characteristics of the hot-wire CVD reactor on a-Si:H deposition 92896
Tsuji, N. *see* Makita, K. 85285
Tsuji, S., Takahashi, R., Kato, T., Uchida, F., Kikuchi, S., Hirataka, T., Shishikura, M., Okano, H., Shiota, T., Aoki, S. Passive coupling of a single mode optical waveguide and a laser diode/waveguide photodiode for a WDM transceiver module 95687
Tsuji, S., Tsujimura, T., Tsujimoto, K., Tsutsui, N., Miura, N., Kuroda, K., Saka, H. Nanostructural characterization of thin-film transistors using a combination of scanning force microscopy and transmission electron microscopy 95034
Tsuji, S. *see* Kato, K. 86665
Tsuji, S. *see* Kato, K. 117568
Tsuji, S. *see* Li, S. 87070
Tsuji, S. *see* Shishikura, M. 116223
Tsuji, S. *see* Tokuhiro, O. 100258
Tsuji, T. *see* Ide, K. 111945
Tsuji, T. *see* Kaneko, M. 89155
Tsuji, T. *see* Sugimoto, Y. 73140
Tsuji, T. *see* Svinin, M.M. 79364
Tsuji, T. *see* Yamanouchi, K. 84734
Tsuji, T. *see* Zi-Jiang Yang 91570
Tsuji, Y., Koshiba, M., Tanabe, T. A wide-angle beam propagation method based on a finite element scheme 95764
Tsuji, Y., Koshiba, M., Tanabe, T. A wide-angle beam propagation method using a finite element scheme 116987
Tsuji, Y. *see* Eguchi, M. 116039
Tsuji, Y. *see* Gamo, T. 71654
Tsuji, Y. *see* Kojima, T. 95908
Tsuji, Y. *see* Koshiba, M. 95772
Tsuji, Y. *see* Ohkawa, Y. 107863
Tsuji, Y. *see* Osman, N. 96392
Tsuji, Y. *see* Xiu-Ping Zhuang 95882
Tsujii, S. *see* Chao, J. 66687
Tsujii, S. *see* Fukumoto, M. 72642
Tsujii, S. *see* Fukumoto, M. 117370
Tsujikado, K., Takahashi, O., Kubota, M., Tsukihara, K., Tanaka, T., Narita, M. Large-scale LED display system 100232
Tsujikura, Y. *see* Nakagawa, H. 101828
Tsujimoto, J. *see* Suzuki, A. 73352
Tsujimoto, K. *see* Kofuji, N. 105677
Tsujimoto, K. *see* Tsuji, S. 95034
Tsujimoto, N. *see* Chow, R. 104114
Tsujimura, A., Nishikawa, T., Ohkawa, K., Sasai, Y. Rapid growth of II-VI laser structures by compound-source molecular beam epitaxy 96327
Tsujimura, A. *see* Ohkawa, K. 72786
Tsujimura, A. *see* Yoshii, S. 65264
Tsujimura, R. *see* Hokosaki, M. 63512
Tsujimura, T., Kitahara, H., Makita, A., Fryer, P., Batey, J. Low resistance gate line for high-resolution TFT/LCD display 89268
Tsujimura, T. *see* Tsuji, S. 95034
Tsujino, H. *see* Matsumoto, K. 81549
Tsujino, J. Recent developments of ultrasonic welding 111401
Tsujino, J. Frequency characteristics of ultrasonic wire bonding–high frequency ultrasonic wire bonding 114473
Tsujino, J., Hasegawa, K. Ultrasonic wire bonding using high frequency 330, 600 kHz and complex vibration 190 kHz welding systems 101619
Tsujino, J., Suzuki, R., Takeuchi, M. Load characteristics of ultrasonic rotary motor using a longitudinal-torsional vibration converter with diagonal slits. Large torque ultrasonic rotary motor 95326
Tsujino, J., Ueoka, T. Ultrasonic multi-spot continuous welding of metal plate specimens using a two-vibration-system welding equipment 101620
Tsujino, J., Ueoka, T., Hasegawa, K., Fujita, Y., Shiraki, T., Okada, T., Tamura, T. New methods of ultrasonic welding of metal and plastic materials 101618
Tsujino, K. *see* Ohashi, T. 101829
Tsujioka, S. *see* Matsuda, Y. 81665
Tsujioka, T., Kume, M., Irie, M. Optical density dependence of write/read characteristics in photon-mode photochromic memory 106765
Tsujishita, M. *see* Taura, K. 109866
Tsujita, K. *see* Taniguchi, H. 116398
Tsujita, K. *see* Tanosaki, S. 96119
Tsujiuchi, J. *see* Okada, K. 116786
Tsujl, H. *see* Ishikawa, J. 83739
Tsuka, M. *see* Hauksson, I.S. 74216
Tsukada, K. *see* Ezawa, H. 80081
Tsukada, K. *see* Ezawa, H. 100931
Tsukada, K. *see* Ichikawa, S. 90112
Tsukada, K. *see* Kandori, A. 110683
Tsukada, K. *see* Nishibe, Y. 122061
Tsukada, M., Matsunaga, T. 55 Gbit/s×2 ch TDM-WDM demultiplexing experiments in a large capacity photonic ATM switch 68026
Tsukada, M., Nakano, H. Ultrafast photonic ATM (ULPHA) switch and a video distribution experiment 119188
Tsukada, M., Wen De Zhong, Matsunaga, T., Asobe, M., Oohara, T. An ultrafast photonic ATM switch based on bit-interleave multiplexing 109319
Tsukada, M. *see* Misawa, A. 109316
Tsukada, S. *see* Yamanoi, Y. 90050
Tsukada, T. *see* Hara, S. 89497
Tsukada, T. *see* Hara, S. 119880
Tsukada, T. *see* Makie-Fukuda, K. 62055
Tsukada, T. *see* Miyazaki, N. 72746
Tsukada, T. *see* Nogami, H. 74558
Tsukada, T. *see* Nogami, H. 94767
Tsukada, T. *see* Samukawa, S. 94781
Tsukada, Y. *see* Wu, T.Y. 112937
Tsukagoshi, K., Nagao, T., Haraguchi, M., Takaoka, S., Murase, K., Gamo, K. Investigation of Hall resistivity in antidot lattices with respect to commensurability oscillations 94530
Tsukahara, H. *see* Hirota, N. 115996
Tsukahara, K. *see* Kaneko, S. 108996
Tsukahara, M. *see* Ohno, K. 73380
Tsukahara, M. *see* Tamura, T. 80082
Tsukahara, T. *see* Muraguchi, M. 118748
Tsukahara, Y. *see* Chaki, S. 93862
Tsukahara, Y. *see* Cho, H. 104216
Tsukahara, Y. *see* Nishino, H. 111348
Tsukakoshi, M. *see* Huang, L. 81442
Tsukamoto, A., Kamisaka, W., Senda, H., Niisoe, N., Aoki, H., Otagaki, T., Shigeta, Y., Asaumi, M., Miyata, Y., Sano, Y., Kuriyama, T., Terakawa, S. High sensitivity pixel technology for a 1/4-inch PAL 430 k pixel IT-CCD 110214
Tsukamoto, A. *see* Sano, Y. 69282
Tsukamoto, H., Yamamoto, H., Noguchi, T., Masuya, H., Suzuki, T. Improved characteristics of p$^+$-n junctions formed by excimer laser annealing with low temperature pre-annealing 94892
Tsukamoto, H. *see* Koizumi, N. 95512
Tsukamoto, H. *see* Yaji, T. 104169
Tsukamoto, K. Estimation of fatigue life span for TAB package using thermal stress simulation 82198
Tsukamoto, K., Arai, H. Characteristics of dual polarized flat antenna 108072
Tsukamoto, K., Arai, H. Input characteristic of triplate aperture array antenna 117071
Tsukamoto, K., Ishii, Y., Komaki, S., Morinaga, N. Coherent fiber-optic microcellular radio communication system using RF-to-optic direct conversion scheme 88519
Tsukamoto, K. *see* Chiba, N. 92307
Tsukamoto, K. *see* Kajiya, S. 68252
Tsukamoto, K. *see* Kuri, T. 88522
Tsukamoto, K. *see* Mino, M. 61613
Tsukamoto, K. *see* Nagata, S. 81771
Tsukamoto, K. *see* Takaoka, D. 90559
Tsukamoto, M. *see* Hsu-Chih Wang 108266
Tsukamoto, M. *see* Kadobayashi, R. 98725
Tsukamoto, M. *see* Murata, A. 77729
Tsukamoto, M. *see* Niinomi, T. 105771
Tsukamoto, O., Umeda, M., Akita, S. State of the art and future prospects of superconductor applications–dream is coming true 95450
Tsukamoto, O. *see* Amemiya, N. 95398
Tsukamoto, O. *see* Ito, M. 95418
Tsukamoto, O. *see* Sato, S. 91561
Tsukamoto, O. *see* Takao, T. 102604
Tsukamoto, R. *see* Takeda, N. 87946
Tsukamoto, S., Dedic, I., Endo, T., Kikuta, K., Goto, K., Kobayashi, O. A CMOS 6 b 200 M sample/s 3 V-supply A/D converter for a PRML read channel LSI 73472
Tsukamoto, T., Okamura, S. Preparation of Bi$_4$Ti$_3$O$_{12}$ thin films by MOCVD and dipping pyrolysis with micropatterning process 115426
Tsukamoto, T. *see* Kanai, Y. 70214
Tsukamoto, T. *see* Kanai, Y. 110919
Tsukamoto, Y., Iyoda, I. Allocation of fixed transmission cost to wheeling transactions by cooperative game theory 70830
Tsukamoto, Y., Mizoshiri, I., Shima, T., Azuma, A. Automatic tissue characterization of hypertrophic cardiomyopathy on echocardiogram 80360
Tsukamoto, Y. *see* Fujii, S. 101427
Tsukamoto, Y. *see* Momose, S. 115762
Tsukano, K., Inoue, T., Ookuma, K. A current-mode analog BiCMOS multiplier/divider circuit based on the translinear principle 93626
Tsukano, K. *see* Eguchi, K. 114171
Tsukano, K. *see* Inoue, T. 73583
Tsukerman, I. Stability of the moment method in electromagnetic problems 107726
Tsukerman, I. *see* Gyimesi, M. 65620
Tsukihara, K. *see* Tsujikado, K. 100232
Tsukiji, H., Mukai, E., Murta, I. Fabrication and excitation test of a fully superconducting brushless generator with magnetic flux pump 81402
Tsukiji, H. *see* Hoshino, T. 102054
Tsukiji, H. *see* Hoshino, T. 102651
Tsukiji, M. *see* Ohkawa, M. 73346
Tsukiji, T. Some lower bounds of cyclic shift on Boolean circuits 61714
Tsukijl, N. *see* Fukushima, T. 118660
Tsukioka, K. Electron scattering mechanisms of β-SiC 105226
Tsukishima, T. *see* Sasaki, K. 65051
Tsukiyama, S. *see* Onoye, T. 113979
Tsukiyama, T. Measuring the distance and orientation of a planar surface using nonstructured lighting 98166
Tsukiyama, T. Measuring the distance and orientation of a planar surface using nonstructured lighting-3-D measurement system for indoor mobile robots 110211
Tsukude, M., Asakura, M., Arimoto, K., Eimori, T., Ohno, Y. A 256 Mbit DRAM 73326
Tsukude, M., Eimori, T., Arimoto, K. A 256 Mb DRAM 104538
Tsukude, M. *see* Kuge, S. 61900
Tsukude, M. *see* Kuge, S. 93382
Tsukude, M. *see* Nitta, Y. 73370
Tsukude, M. *see* Tomishima, S. 93363
Tsukude, M. *see* Tsuruda, T. 113977
Tsukui, K. *see* Ishikawa, H. 83982
Tsukui, K. *see* Koide, Y. 74461
Tsukui, Y. Transformations of cubic graphs 82432
Tsukui, Y. *see* Ishikawa, T. 65749
Tsukutani, T., Ishida, M., Tsuiki, S., Fukui, Y. Versatile current-mode biquad filter using multiple current output OTAs 62015
Tsukutani, T., Ishida, M., Tsuiki, S., Fukui, Y. Novel electronically tunable current-mode filter without external passive elements 104697
Tsumori, H. *see* Hirata, A. 82745
Tsumori, K. *see* Homma, A. 69608
Tsumura, A. *see* Tahata, S. 95854
Tsumura, E. *see* Komatsubara, M. 101475
Tsumura, M. *see* Ono, K. 119817
Tsumura, N., Endo, C., Haneishi, H., Miyake, Y. Image compression and decompression based on gazing area 108535
Tsumura, T. Optical two-way vehicle-to-vehicle communication by the use of laser and corner cube 78662
Tsumuraya, F. Deconvolution based on the Wiener-Lucy chain algorithm: an approach to recover local information losses in the deconvolution procedure 98026
Tsun-Jen Hou *see* Lee, C.L. 109916
Tsun-Lai Hsu, Jeng Gong, Hong, G.M. A physical model of base resistance from low to high currents for arbitrarily doped submicrometer BJTs 74664
Tsun-Mei Lin *see* Tzong-Jih Cheng 80182
Tsunashima, H., Fujioka, T., Abe, M. Permanent magnet suspension for maglev transport vehicle: design of mechanical air gap control system 71825
Tsunashima, N., Nakajima, M. Construction of intermediate multi-viewpoint images from a set of a stereo image pair 86865
Tsunashima, N., Saito, H. Superquadrics parameter estimation from a shading image using genetic algorithms 67437
Tsunashima, S. *see* Fujiwara, Y. 75197
Tsunashima, S. *see* Nishimura, N. 75175
Tsunashima, Y. *see* Gambino, J.P. 63457
Tsunashima, Y. *see* Tsuchiaki, M. 114973
Tsunasima, T. *see* Kawakami, T. 85210
Tsunawaki, Y. *see* Asakawa, M. 96555
Tsunawaki, Y. *see* Fujita, M. 96451
Tsunawaki, Y. *see* Ohigashi, N. 110518
Tsuneda, A. *see* Kohda, T. 66541
Tsunehiro, Y. *see* Matsunami, S. 102078
Tsunekawa, K. High performance portable telephone antenna employing a flat-type open sleeve 76613
Tsunekawa, S. *see* Furuhashi, T. 84598
Tsunekawa, S. *see* Moganti, M. 62455
Tsunekawa, T. *see* Nagashima, S. 69793
Tsunematsu, T. *see* Mondino, P.-L. 64567
Tsunematsu, T. *see* Senda, I. 95599
Tsunenari, K. *see* Shinzawa, T. 105740
Tsunenari, K. *see* Ueno, K. 74634
Tsuneoka, M., Fujita, H., Imai, T., Asaka, T., Hongo, R., Kamioka, N., Yasuda, M., Iiyama, T. Development of DC 100 kV, 100 A, 360 A break IGBT switch 73843
Tsuneoka, M. *see* Sakamoto, K. 94195
Tsuneoka, M. *see* Takahashi, K. 106295
Tsuneoka, T., Kojima, K., Bojja, S. Upconversion fluorescence and low temperature fluorescence properties in Nd^{3+}-doped ZnCl$_2$-based glass 107570
Tsuneta, K. *see* Yamaguchi, T. 64406
Tsunetomo, K., Ohtsuka, S., Koyama, T., Tanaka, S., Sasaki, F., Kobayashi, S. Ultrafast nonlinear optical response of CdTe microcrystallite-doped glasses fabricated by laser evaporation 76232
Tsunetomo, K. *see* Ohtsuka, S. 76231
Tsunetsugu, H., Hosoya, M., Norimatsu, S., Takachio, N., Inoue, Y., Hata, S. A packaging technique for an optical 90°-hybrid balanced receiver using a planar lightwave circuit 99508
Tsunetsugu, H. *see* Aisawa, S. 88462
Tsunetsugu, H. *see* Akahori, Y. 78678
Tsunetsugu, H. *see* Hayashi, T. 119215
Tsunetsugu, H. *see* Ohiso, Y. 96377
Tsunetsugu, H. *see* Yamaguchi, S. 82209
Tsung-En Lee *see* Yenn-Ming Tzeng 91125
Tsung-Han Ho, Chun-Shan Wang Modification of epoxy resins with polysiloxane thermoplastic polyurethane for electronic encapsulation. I 82258
Tsung-Han Lin *see* Hong Zhou 94554
Tsung-Hsiung Wang *see* Syh-Ming Ho 72289
Tsung-Ming Lee *see* Shi-Lin Chen 81962
Tsung-Ming Tsai *see* Horst, J.A. 97945
Tsung-Sum Lee A new structure of MOSFET-C biquad 73530
Tsung-Yi Wu, Youn-Long Lin Storage optimization by replacing some flip-flops with latches 113877
Tsuno, A. *see* Watanabe, M. 81827
Tsuno, M. *see* Balestra, F. 63670
Tsuno, T., Shiomi, H., Kumazawa, Y., Shikata, S.-I., Akai, S. Growth rate and surface morphology of

diamond homoepitaxial films on misoriented (001) substrates 113313
Tsunoda, A. *see* Yamada, K. 81971
Tsunoda, K. *see* Serizawa, M. 118572
Tsunoda, T. *see* Watanabe, A. 83882
Tsunoi, K., Matsumoto, M., Fujii, A. Solderless microbonding technology using adhesive for mobile PCs 83656
Tsunokuni, K. *see* Nojiri, K. 84160
Tsunshima, S. Magneto-optical applications of magnetic multilayers 95363
Tsuo, S. *see* Wallace, W.L. 111717
Tsuo, Y.S., Pitts, J.R., Landry, M.D., Menna, P., Bingham, C.E., Lewandowski, A., Ciszek, T.F. High-flux solar furnace processing of silicon solar cells 103001
Tsuo, Y.S. *see* Menna, P. 72857
Tsupko-Sitnikov, V.V. *see* Briancon, C. 69880
Tsupko-Sitnikov, V.V. *see* Brudanin, V.B. 110622
Tsuri, H. *see* Kinoshita, K. 89354
Tsurimoto, T., Mitsumoto, S., Nagao, M., Kosaki, M. Effect of acetophenone on electric conduction in LDPE film 64136
Tsurimoto, T., Nagao, M., Mizuno, Kosaki, M. Effect of curing by-products coating on localized heat generation and dielectric breakdown in low-density polyethylene film 115437
Tsurin, I.P. *see* Merzlyakov, S.I. 69861
Tsuritani, T. *see* Abedin, K.S. 65141
Tsuru, K. *see* Miyahara, K. 84916
Tsuru, T. *see* Ohashi, T. 99891
Tsuru, T. *see* Yamamoto, K. 94814
Tsuruda, H. *see* Fukuda, K. 77490
Tsuruda, T., Kobayashi, I., Tsukude, M., Yamagata, T., Arimoto, K. High-speed/high-band width design methodologies for on chip DRAM core multimedia system LSIs 113977
Tsuruda, T. *see* Kuge, S. 61900
Tsuruda, T. *see* Kuge, S. 93382
Tsuruda, T. *see* Yamaguchi, Y. 93358
Tsurugi, T. *see* Tomitani, H. 100255
Tsurumaki, W. *see* Ishida, O. 109317
Tsurumi, H., Maeda, T., Tanimoto, H., Suzuki, Y., Saito, M., Yoshihara, K., Ishida, K., Uchitomi, N. Design study on RF stage for miniature PHS terminal 78488
Tsurumi, H. *see* Takahashi, C. 78489
Tsurumizu, T., Yamano, Y. Reduction of AC surface partial discharges by use of a hollow electrode 64057
Tsuruno, A. *see* Kato, K. 110769
Tsuruno, A. *see* Matsubayashi, M. 104678
Tsuruno, A. *see* Mochiki, K. 108565
Tsuruno, A. *see* Mochiki, K. 108566
Tsuruno, A. *see* Takenaka, N. 110445
Tsuruno, A. *see* Takenaka, N. 110446
Tsuruno, A. *see* Takenaka, N. 110447
Tsuruoka, S., Umehara, M., Kimura, F., Wakabayashi, T., Miyake, Y., Sekioka, K. Regional wall motion tracking system for high-frame rate ultrasound echocardiography 90416
Tsuruoka, S. *see* Wakabayashi, T. 67434
Tsurusaki, K. *see* Seki, M. 115290
Tsurusawa, K. *see* Hamao, F. 103129
Tsuruta, A. *see* Komori, M. 84932
Tsuruta, S. *see* Kohno, T. 121855
Tsurutani, T. *see* Izumihara, A. 80198
Tsushima, H., Kawabata, M., Sumiyoshi, I., Yokoyama, M. Novel manufacturing process of color filters using selective coloring of polysilane films by the sol-gel method 85248
Tsushima, T. *see* Shimazawa, K. 95346
Tsushima, T. *see* Shinozaki, T. 68925
Tsutai, A. *see* Sakurada, S. 64222
Tsutai, A. *see* Yoda, H. 115704
Tsutaya, T., Ishi, K., Ono, S., Shibata, Y. Fabrication of low-pass filters in the millimeter wave region 62169
Tsutomu Da-Te *see* Komatsu, T. 76898
Tsutsui, H. *see* Matsumura, T. 83418
Tsutsui, K. *see* Hwang, S.-M. 113310
Tsutsui, M. *see* Hashizume, K. 112304
Tsutsui, N. *see* Tokuhiro, O. 100258
Tsutsui, N. *see* Tsuji, S. 95034
Tsutsui, S., Fujimoto, Y. The p-fGA: phenotypic forking genetic algorithm 92518
Tsutsui, S., Nagai, T., Ikehara, M. Design of perfect reconstruction FIR filter banks using DFT-modulation 117528
Tsutsui, S. *see* Nagai, T. 83229
Tsutsui, S. *see* Tobe, T. 88841
Tsutsui, T. *see* Aminaka, E.-I. 75737
Tsutsui, T. *see* Hattori, T. 75739
Tsutsui, T. *see* Kim, D.U. 116259
Tsutsui, Y., Higuchi, T. Suspension of soft magnetic materials using high T_c superconductors 75377
Tsutsumi, A. *see* Matsuno, Y. 91728
Tsutsumi, H., Kyusojin, A., Nakamura, T. Development of an automatic scraping machine with recognition for bearing of scraped surfaces. I. Recognition of black bearing by CCD camera 67421
Tsutsumi, K., Tokunaga, T., Irie, F., Okada, H., Ezaki, T., Takeo, M. Development of a 1 kWh class module-type SMES 91773
Tsutsumi, K. *see* Bohno, T. 103051
Tsutsumi, K. *see* Hara, M. 81921
Tsutsumi, K. *see* Hara, M. 95603
Tsutsumi, M., Fukusako, T., Yoshida, S. Nonreciprocal characteristics of the magnetostatic surface wave in the YBCO-YIG film layered structure 64493
Tsutsumi, M., Fukusako, T., Yoshida, S. Propagation characteristics of the magnetostatic surface wave in the YBCO-YIG film-layered structure 93667
Tsutsumi, M. *see* Horii, Y. 93665
Tsutsumi, M. *see* Horii, Y. 114189
Tsutsumi, M. *see* Nishimura, K. 116990
Tsutsumi, M. *see* Priye, V. 115598
Tsutsumi, M. *see* Satomura, Y. 83296
Tsutsumi, N., Yoshizaki, S., Saki, W., Kiyotsukuri, T. Thermally stable nonlinear optical polymers 85648
Tsutsumi, R. *see* Nakazato, H. 67692
Tsutsumi, T. *see* Jen, J.Y. 62843
Tsutsumi, Y. *see* Miki, A. 121871
Tsutsumi, Y. *see* Taguchi, M. 94285
Tsuyoshi, A., Matsuura, K. Analysis of a thermoelectric generator utilizing high temperature waste heat and a method of an optimum design 71691
Tsuzuki, A. *see* Torii, Y. 62376
Tsuzuki, S., Mizumoto, K., Tazaki, S., Yamada, Y. Multiple access performance of differential DS/SS systems for power line data transmission 78334
Tsuzuki, S. *see* Tazaki, S. 76767
Tsuzuki, T., Hirota, N., Noma, N., Shirota, Y. Photoelectrical conversion of p-n heterojunction devices using thin films of titanyl phthalocyanine and a perylene pigment 91733
Tsuzuki, T., Kuwabara, Y., Noma, N., Shirota, Y., Willis, M.R. Effect of morphology on photovoltaic properties of titanyl phthalocyanine 62794
Tsuzuki, T. *see* Noma, N. 81902
Tsuzuki, Y. *see* Koike, M. 71074
Tsvetkov, D.V. *see* Antipov, V.G. 104061
Tsvetkov, D.V. *see* Bulman, G.E. 65240
Tsvetkov, D.V. *see* Bulman, G.E. 96329
Tsvetkov, D.V. *see* Dmitriev, V.A. 115144
Tsvetkov, E.A. *see* Melnikov, G.S. 99892
Tsvetkov, L.I., Mironov, M.A., Pozdnyakov, M.M., Bachurin, A.F. Polarimetric equipment for centimeter waves 68784
Tsvetkov, V.B. *see* Bufetova, G.A. 116439
Tsvetkov, V.F., Allen, S.T., Kong, H.S., Carter, C.H., Jr. Recent progress in SiC crystal growth 103974
Tsvetkov, V.F. *see* Allen, S.T. 62273
Tsvetkov, V.F. *see* Allen, S.T. 106039
Tsvetkova, T. *see* Artemiev, V. 80101
Tsvetkova, T. *see* Tzenov, N. 94714
Tsvinev, A.P. *see* Anischenko, N.G. 120106
Tsybakov, B.S. *see* Fedortsov, S.P. 119063
Tsyganov, E., Taratin, A., Zinchenko, A. Innovations in accelerator technology 89747
Tsyganov, Yu., Kushniruk, W., Polyakov, A. A look at the phenomenon of charge multiplication in silicon radiation detector within the concept of dynamic focusing of the electric field 120183
Tsymbal, E.Yu., Pettifor, D.G. Enhancement of GMR in Co/Cu multilayers above the Fermi level 115649
Tsymbal, V.N. *see* Kalmykov, A.I. 68634
Tsypin, S.G. How Russia regulate and license safety assurance during decommissioning of their NPPs 111753
Tsypishka, D.I. *see* Gutsulyak, L.M. 114596
Tsyupa, Yu.P. *see* Babintsev, V.V. 120185
Tsz Shing Cheung, Asada, K. Regenerative pass-transistor logic: a circuit technique for high speed digital design 113842
Tsz-King Chan, Yasuo Kuga, Akira Ishimaru, Le, C.T.C. Experimental studies of bistatic scattering from two-dimensional conducting random rough surfaces 70453
Ttani, Y. *see* Ikeda, H. 89248
Tu, C.W., Dong, H.K., Li, N.Y. Growth, etching, doping and effects of Ar^+ laser irradiation in chemical beam epitaxy of GaAs with novel precursors 82649
Tu, C.W. *see* Bi, W.G. 90119
Tu, C.W. *see* Bi, W.G. 94345
Tu, C.W. *see* Bi, W.G. 103927
Tu, C.W. *see* Bi, W.G. 105163
Tu, C.W. *see* Bi, W.G. 113339
Tu, C.W. *see* Chen, W.M. 105582
Tu, C.W. *see* Hou, H.Q. 94509
Tu, C.W. *see* Li, N.Y. 103873
Tu, C.W. *see* Li, N.Y. 103882
Tu, C.W. *see* Mei, X.B. 83964
Tu, C.W. *see* Niki, S. 83879
Tu, C.W. *see* Niki, S. 92685
Tu, C.W. *see* Wong, W.S. 103879
Tu, C.W. *see* Wu, C.S. 100026
Tu, C.W. *see* Yan, C.H. 82690
Tu, C.W. *see* Yan, C.H. 103870
Tu, C.W. *see* Yan, C.H. 103928
Tu, C.W. *see* Zhang, J.P. 85522
Tu, D. *see* Vaughan, M.J. 83489
Tu, D.-W. *see* Gill, D.M. 84467
Tu, G.C. *see* Lin, W. 72955
Tu, J.F. *see* Lankalapalli, K.N. 96855
Tu, K.-Y. *see* Dutta, N.K. 78871
Tu, K.N. Irreversible microstructure changes in thin film reactions 63126
Tu, K.N., Liou, H.K. Metal silicon interfacial reactions in SOI 84038
Tu, K.N. *see* Liu, A.A. 103422
Tu, L.W. *see* Passlack, M. 74485
Tu, M. On traffic peakedness and bandwidth relationship with application to wideband traffic engineering 87391
Tu, N. *see* Lin, C.C. 63128
Tu, P.J., Hsu, I.S. Sound quality enhancement in the telephone network 98608
Tu, S.L., Tam, G., Tam, P., Tsoi, H.-Y., Taomoto, A. Analysis of direct wafer bond IGBTs with heavily doped N+ buffer layer 105913
Tu, S.L., Tam, G., Tam, P.M., Taomoto, A. High-speed insulated-gate bipolar transistors fabricated using silicon wafer bonding 63716
Tu, S.L. *see* Peng, C.K. 92720
Tu, X.-L. *see* Szymanski, J.J. 110589
Tu, X.L. *see* Chen, Y.K. 69865
Tu, Y., Tong, L.S. CRT deflection-aberration theory with curved axes 88840
Tu, Y.K. *see* Chuang, Z.M. 116518
Tu, Y.K. *see* Wang, M.C. 65197
Tu, Y.L. *see* Awang, Z. 84759
Tu Chao-yang *see* Chao-yang Tu
Tu Chengjie *see* Zhang Haijun 69279
Tu Chia-Chun *see* Chia-Chun Tu
Tu Choun-Li *see* Choun-Li Tu
Tu Chuan-Chen *see* Chuan-Chen Tu
Tu Demin *see* Fang Xingdong 64131
Tu Demin *see* Zhao Hong 70916
Tu Demin *see* Zhoa Hong 64142
Tu Demin *see* Demin Tu
Tu Der-Wei *see* Der-Wei Tu
Tu Qinfen, Zhang Jianquan, Wu Baosheng 3-D ASE calculation for high power output XeCl excimer lasers 65014
Tu Te-Ming *see* Te-Ming Tu
Tu Xiao Wei *see* Xiao Wei Tu
Tu Yaqing, Liu Weihua, Huang Shanglian A smart structure state monitoring system using OFS array and NN processing 79465
Tu Yongcheng *see* Yongcheng Tu
Tu Yu-Ming *see* Yu-Ming Tu
Tu Yuan-Kuang *see* Yuan-Kuang Tu
Tuan, H.D. *see* Glover, B.M. 92545
Tuan Chein-Hua *see* Chein-Hua Tuan
Tuan Pan-Chio *see* Pan-Chio Tuan
Tuan Tran *see* Mingjyue Huang 115735
Tuan Tran-Quoc, Pierrat, L. A strategy for prevention of voltage instability by generation dispatch 101957
Tubaev, M. *see* Shalnov, A. 89730
Tubaro, S. *see* Bagni, D. 68880
Tuboi, T. *see* Ogasawara, Y. 116001
Tuboy, A.M., Milori, D.M.B.P., Bagnato, V.S. Frequency control of a high power diode laser using an optical injection technique [and application to optical trapping] 96389
Tubridy, L.J. *see* Castelin, S.F. 90897
Tuca, M. *see* Miron, D. 76324
Tuccari, G. *see* Bortolotti, C. 79102
Tucci, M. *see* Caputo, D. 100018
Tucci, M. *see* de Cesare, G. 100021
Tucci, M. *see* de Cesare, G. 100023
Tucci, V. *see* Femia, N. 70952
Tucci, V. *see* Femia, N. 113713
Tucci, V. *see* Lupo, G. 81129
Tucci, V. *see* Lupo, G. 81375
Tucci, V. *see* Lupo, G. 91204
Tuccio, M. *see* Louge, M. 69449
Tuchi, K. *see* Tamegai, N. 77953
Tuchin, V.V. *see* Ryabukho, V.P. 116798
Tuchin, V.V. *(editor)* Coherence-domain methods in biomedical optics. CIS selected papers. (SPIE Vol.2732) 112664
Tuchiya, H. *see* Shinohara, K. 121183
Tuchiya, K. *see* Nishiguchi, K. 66857
Tuchkin, Yu. *see* Veremey, V. 65996
Tuck, B. Tools automate retargeting of physical libraries, chip layouts 61847
Tuck, B. Test-bench tools ease tedious, time-consuming manual efforts 79241
Tuck, B. Taking the mystery out of formal methods 104262
Tuck, B. Design and business issues surround synthesizable cores 113902
Tuck, M.R. *see* Benson, D.A. 62530
Tuck, M.R. *see* Wong, C.C. 74987
Tucker, C.D., Brodie, D.E. Ion-beam-assisted deposition of nonhydrogenated a-Si:C films 72894
Tucker, G.E. *see* Decker, W.A. 120594
Tucker, G.K. *see* Blackman, S.S. 111414
Tucker, G.M. *(editor)* ICMWFST'94. Third International Conference on Millimeter-Wave and Far-Infrared Science and Technology. Conference Digest 71973
Tucker, G.S. *see* Halpern, M. 99701
Tucker, J.R., Wang, C., Shen, T.-C. A nanoscale vertical-tunneling FET 63727
Tucker, J.R., Wang, C., Shen, T.-C. Metal silicide patterning: a new approach to silicon nanoelectronics 115042
Tucker, J.R. *see* Lyding, J.W. 84250
Tucker, J.W. *see* Hua, L. 106512
Tucker, M., Ratzel, G. A direct sequence-frequency shift keying (DS-FSK), correlating demodulator 99054
Tucker, M.S. *see* Beck, C.E. 102371
Tucker, R.S. *see* Cai, Y. 78318
Tucker, R.S. *see* Lacey, J.P.R. 76038
Tucker, R.S. *see* Lacey, J.P.R. 78765
Tucker, R.S. *see* Lacey, J.P.R. 78779
Tucker, R.S. *see* Summerfield, M.A. 78766

Tucker, R.S. *see* Summerfield, M.A. 107317
Tucker, R.S. *see* Wang, C.C. 78769
Tucker, R.S. *see* Wen De Zhong 88535
Tucker, R.S. *see* Zhong, W.D. 99035
Tucker, T. *see* Anapol, M. 64868
Tucker, W.T. *see* Olin, B.D. 82810
Tuckerman, D.B. *see* Goldstein, J.L.F. 94117
Tuckey, A.M., Patterson, D.J. The design and development of a high power factor current source controller for small appliance brushless DC motors 71926
Tuckmantel, J., Benvenuti, C., Bloess, D., Boussard, D., Geschonke, G., Haebel, E., Hilleret, N., Juras, S., Kindermann, H.P., Uythoven, J., Wyss, C., Stirbet, M. Improvements to power couplers for the LEP2 superconducting cavities 100498
Tuckova, J., Bores, P. Influence of the number of the features with the neural network function 66602
Tuda, M. *see* Nishikawa, K. 74550
Tuda, N. *see* Yamada, J. 89494
Tudisco, S. *see* Cardella, G. 110599
Tudor, J.Davis *see* Davis Tudor, J.
Tudryn, D. *see* Patel, R.S. 94137
Tuecke, S. *see* Foster, I. 109096
Tuecke, S. *see* Foster, I. 109105
Tuel, J.V. *see* Malone, M.D. 91081
Tuell, M.T. *see* Milster, T.D. 64636
Tuenge, R.T. *see* Rack, P.D. 96013
Tuerler, A. OLGA, an on-line separator to study chemical and nuclear properties of heaviest elements 69626
Tuettoe, P. *see* Biro, L.P. 94698
Tufa Yu *see* Yukang Ye 83528
Tufts, D.W. *see* Umesh, S. 110774
Tugbaev, V.A. *see* Gakhovich, D.E. 107491
Tugnait, J.K. On fractionally spaced blind adaptive equalization under symbol timing offsets using Godard and related equalizers 87265
Tugnait, J.K. Detection of random signals by integrated polyspectral analysis 97793
Tugnait, J.K. Spatio-temporal signal processing for blind separation of multichannel signals 117387
Tugnait, J.K. A frequency-domain solution to unbiased equation error system identification and reduced order approximation 117473
Tugnait, J.K. On blind separation of convolutive mixtures of independent linear signals 117506
Tugnait, J.K., Gummadavelli, U. Blind channel estimation and deconvolution in colored noise using higher-order cumulants 98355
Tugnoli, M. *see* Bortolotti, C. 79102
Tugulea, L. *see* Antohe, S. 112331
Tuijin, C. The influence of precompensation curves on multidimensional color modeling 67338
Tuijl, E.J.M.van *see* van Tuijl, E.J.M.
Tuikina, S.R. *see* Leshchenko, V.A. 82521
Tuinstra, F. *see* Holman, A.E. 79383
Tuinstra, F. *see* van Wingerden, J. 82625
Tuji, K. *see* Watanabe, M. 70859
Tuji, S. *see* Yamashita, Y. 90149
Tujita, T. *see* Kihwan Ju 69934
Tukahara, M. *see* Tamura, T. 101026
Tukamoto, H. *see* Amine, K. 71635
Tukarev, V.A. *see* Mikerov, V.I. 88928
Tuleweit, W. *see* Kopernik, A. 87154
Tuley, M.T. *see* Currie, N.C. 109715
Tulin, M.P. *see* Fuchs, J. 99638
Tulkki, J. *see* Lipsanen, H. 105336
Tull, W.J. The early history of airborne Doppler systems 119333
Tulli, R. *see* Giorgi, L. 81742
Tulloch, S. *see* Ives, D. 100139
Tulloch, W.M. *see* Taira, T. 116436
Tully, A. *see* Botti, O. 91696
Tully, K. Reliability characteristics of ZnO multilayer varistors over a range of temperatures 95095
Tulsi, A. *see* Lal, K.B. 99255
Tulsi Ram Das, G., Subrahmanyam, V. On the analysis of current source inverter fed permanent magnet synchronous motor 111916
Tulsky, S.A. *see* Bespalov, V.G. 116341
Tulsky, S.A. *see* Danilov, O.B. 116364
Tulupenko, V.M. *see* Belykh, V.G. 105109
Tulupenko, V.N. *see* Dalakyan, A.T. 116557
Tulupov, A.V., Caplan, M., Urbanus, W.H. Simulations of e-beam emittance effects on the performance of the fusion-FEM 96479
Tulupov, A.V. *see* Eecen, P.J. 96507
Tuma, M. *see* Benzi, M. 113212
Tuma, M. *see* Jenkins, P. 95709
Tumanov, I.M., Asabin, A.A., Shcetinin, O.V., Bychkov, E.V. Electromagnetic processes and operation algorithms of universal three-phase thyristor module 71529
Tumanov, I.M., Asabin, A.A., Shchetinin, O.V., Bychkov, Ye.V. Universal three-phase thyristor unit for centralized improving the quality of electric energy 71401
Tumanovskii, A.G., Babii, V.I., Enyakin, Yu.P., Kotler, V.R., Ryabov, G.V., Verbovetskii, Kh.E., Nadyrov, I.I. Improvement of fuel combustion technologies 121340
Tumanovskii, A.G., Belov, S.Yu. Increasing the economic efficiency of thermal power stations firing brown coal in Germany 71128
Tumareva, T.A. Fabrication and characteristics of field emitter, based upon clusters of emission-active substances 73926
Tumay, M., Buamud, M.S. Dynamic modelling of protection signalling. I. Digital test bed 102238
Tumay, M., Buamud, M.S. Dynamic modelling of protection signalling. II. Integration of transducers 111660
Tumay, M., Buamud, M.S., Simpson, R.R.S. Mathematical representation of ferroresonance in single and three-phase systems 102781
Tumazos, S.C.J., Dwolatzky, B., Meyer, A.S. A technique for automating stands to junction allocation in electrification design using heuristics 102084
Tumer, K., Ghosh, J. Sequence recognition by input anticipation 67394
Tumer, T.O., Joyce, D.C., Shi Yin, Willson, P.D., Parnham, K.B., Glick, B. Preliminary results obtained from novel CdZnTe pad detectors 80066
Tumiran, Kobayashi, S., Maeyama, M., Imada, H., Saito, Y. The correlation between surface charge distribution and flashover properties of alumina surface in vacuum 106304
Tummala, R.R. *see* Chahal, P. 114480
Tun, S.M. Analysis of rectangular waveguide filters and polarisers with reduced width E plane stubs 62184
Tun, Z. *see* Ming Mao 64359
Tun, Z. *see* Petrenko 84768
Tun Soe Min *see* Soe Min Tun
Tung, P., Wang Ming, Sun, G. WITNESS helps business process re-engineering (BPR) in a manufacturing context 92169
Tung, R.T. Oxide mediated epitaxy of $CoSi_2$ on silicon 72803
Tung, R.T. *see* Herner, S.B. 63110
Tung, R.T. *see* Weitering, H.H. 74456
Tung, S. *see* Fukang Jiang 79540
Tung, S. *see* Gupta, B. 69114
Tung, S. *see* Jin-Biao Huang 69090
Tung, S.-L., Juang, Y.-T. Feature extraction for three-segmental speech signals 97633
Tung, Y.-C. *see* Hou, T.-C. 98405
Tung, Y.S., Henderson, D.O., Mu, R., Collins, W.E., Chen, K.T., George, M.A., Burger, A. Atomic force microscopy study of mercuric iodide surfaces 63375
Tung, Y.S. *see* Henderson, D.O. 61145
Tung, Y.S. *see* Mu, R. 84105
Tung Ju-Tah *see* Ju-Tah Tung
Tung Ouyang, Nilsson, A.A. A simulation study of an ATM service multiplexer in the North Carolina Information Highway 109036
Tung Ouyang, Nilsson, A.A. Analysis of the departure process of an ATM service multiplexer in the North Carolina Information Highway 109060
Tung Pham *see* Kowaleski, J.A., Jr. 73440
Tung Shin-Lun *see* Shin-Lun Tung
Tung Yen Shun *see* Shun Tung Yen
Tung-Hui Chiang, Yi-Chung Lin, Keh-Yih Su On jointly learning the parameters in a character-synchronous integrated speech and language model 66588
Tung-Sang Ng *see* Kun-Wah Yip 118751
Tung-Sang Ng *see* Sung, J.Y.-H. 119087
Tunheim, S.A. *see* Jorgensen, I.H.H. 93507
Tunheim, S.A. *see* Jorgensen, I.H.H. 114012
Tunison, F.W. *see* Saniee Monfared, M.A. 78192
Tunnermann, A. *see* Golla, D. 96199
Tunnermann, A. *see* Wandt, D. 107255
Tunold, R. *see* Jerdal, L.O. 81805
Tunold, R. *see* Lauvstad, G.O. 81825
Tuo Xihe *see* Xihe Tuo
Tuohimaa, A. *see* Paasi, J. 95409
Tuohy, B. *see* O'Reilly, G.O. 90331
Tuomi, T. *see* McNally, P.J. 74766
Tuominen, M., Yakimova, R., Bakin, A.S., Ivanov, I.G., Henry, A., Vehanen, A., Janzen, E. Control of the rate-determining step of the silicon carbide sublimation growth 103819
Tuominen, M. *see* Korpela, J. 92105
Tuominen, M. *see* Yakimova, R. 103980
Tuong Huu Le *see* Xiaoping Hu 101302
Tuorni, T. *see* McNally, P.J. 74678
Tuovinen, J. *see* Mallat, J. 66016
Tuovinene, J. *see* Lehikoinen, P. 73756
Tuozzolo, J.E. *see* Forsyth, E.B. 100721
Tupikin, V.D. *see* Meschanov, V.P. 76505
Tupikov, V.S. *see* Chumakov, S.N. 102854
Tupin, F. *see* Gouinaud, C. 111316
Tupitsyn, A.D. *see* Sushkov, A.D. 73961
Tupler, R.H. *see* Keogan, M.T. 80363
Tupov, V.B. Silencers for the gas paths of gas turbine installations 71147
Tupper, P. *see* Moisan, C. 90355
Tupper, P. *see* Moisan, C. 101255
Tupynamba, R.C., Omar, A.S. The synthesis of passive circuits using the FDTD 82826
Tur, M. *see* Legg, P.J. 109648
Tur, M. *see* Legg, P.J. 119183
Tur, M. *see* Tancevski, L. 78940
Tur, M. *see* Tancevski, L. 88450
Tur, Yu. On enhancement of limited accelerating charge 89712
Tur, Yu.D., Beloglazov, V.I., Khomyakov, E.A., Krivchikov, V.P., Mufel, V.B., Zakutin, V.V. Klystron modulator for industrial linac 89603
Tur, Yu.D., Dovbnya, A.N., Kushnir, V.A., Mitrochenko, V.V., Stepin, D.L. Energy spread compensation in an electron linear accelerator 89711
Tur, Yu.D. *see* Aizatsky, N.I. 110475
Turan, R., Perovic, D.D., Houghton, D.C. Mapping electrically active dopant profiles by field-emission scanning electron microscopy 105111
Turban, G. *see* Peignon, M.C. 63280
Turban, G. *see* Rhallabi, A. 104088
Turbini, L.J., Ramanachalam, M.S., Saied, R., Smith, B., Yelundur, V. A corrosion test for characterizing solder flux residues 104959
Turbini, L.J. *see* Engelmaier, W. 92328
Turbini, L.J. *see* Ready, W.J. 93991
Turbini, L.J. *see* Stuart, J.A. 72259
Turchanovskii, I.Yu. *see* Bespalov, V.I. 120237
Turchetta, R. *see* Colledani, C. 69807
Turchetta, R. *see* Comes, G. 110613
Turchetti, G. Geometry of orbits and action diffusion from normal forms in nonlinear beam dynamics 120055
Turchetti, G. *see* Bazzani, A. 120010
Turchin, P.P. *see* Aleksandrov, K.S. 106330
Turchinetz, W. *see* Jacobs, K. 79916
Turchinetz, W. *see* Zwart, T. 79825
Turci, P. *see* Anderson, M. 115062
Turcicova, H. *see* Straka, P. 116313
Turck, B. Six years of operating experience with Tore Supra, the largest Tokamak with superconducting coils 95519
Turck, B. *see* Libeyre, P. 95518
Turck, C. *see* Belin, C. 75396
Turck, H., Wasche, H. New type of construction of a transversely watertight medium-voltage cable 81086
Turck, V. *see* Kappelt, M. 72806
Turck, V. *see* Kappelt, M. 105342
Turco, A. *see* Beverini, N. 119926
Turco, D. *see* Pignatta, R. 119007
Turconi, G., Zanzi, P. A logistic model for optimal spares allocation of a telecommunication system 98552
Turcott, R.G. *see* Teich, M.C. 120412
Turcotte, G. *see* Lecours, A. 100166
Turcu, I.C.E., Ross, I.N. 1 W plasma X-ray source for lithography at 1 nm wavelength 115103
Turcu, I.C.E. *see* Moon, S.W. 104800
Turcu, I.C.E. *see* Reeves, C.M. 63776
Turek, K. *see* Spurny, F. 101462
Turek, P. *see* Brauksiepe, S. 100815
Tureman, R.L., Jr. Professional development experiences of a Community College CIS faculty member in the NASA/ASEE Summer Faculty Fellowship Program 72146
Tureyeva, V. *see* Omel'yanenko, M.Y. 79132
Turflinger, T.L. Single-event effects in analog and mixed-signal integrated circuits 63844
Turgis, S., Azemard, N., Auvergne, D. Design and selection of buffers for minimum power-delay product 73227
Turin, A.S. *see* Sudarkin, A.N. 100973
Turin, V.O. *see* Bykov, V.P. 69192
Turin, W. *see* Kashi, R.S. 117754
Turinsky, P.J. *see* Crouzet, N. 81258
Turitsyn, S.K. *see* Berge, L. 107590
Turitsyn, S.K. *see* Gabitov, I. 95669
Turjanmaa, V. *see* Korhonen, I. 90283
Turk, J. *see* Abe, K. 69708
Turk, J. *see* Abe, K. 69726
Turk, M. Visual interaction with lifelike characters 117909
Turkawski, S.J.J., van Ruijven, L.J., van Kuyen, M., Schreurs, A.W., Weijsi, W.A. A new transducer system for direct motor unit force measurement 120265
Turkay, B., Kaypmaz, A. Optimal design of low-voltage distribution networks using mixed integer programming 70895
Turkay, B. *see* Turkay, O.S. 71349
Turkay, O.S., Yalcinkaya, H., Turkay, B. Implementation of frequency and time domain least-squares parameter estimation methods on d.c. motors 71349
Turkes, P. *see* Farokhzad, B. 115169
Turkes, P. *see* Sigg, J. 121718
Turkin, N.G. *see* Borodin, A.M. 65039
Turkin, N.G. *see* Golovin, A.S. 75805
Turkin, N.G. *see* Napartovich, A.P. 107070
Turkington, T.G. *see* Bowsher, J.E. 120300
Turkington, T.G. *see* Gilland, D.R. 101128
Turkington, T.G. *see* Gilland, D.R. 101282
Turkiyyah, G.M. *see* Zachariah, S.G. 80487
Turkki, T. *see* Jonsson, B.J. 64268
Turkmani, A.M.D. *see* Chung, Y.H. 109453
Turko, B. *see* Beuville, E. 80191
Turko, B. *see* Beuville, E. 101239
Turko, B.T., Beuville, E., Millaud, J., Yaver, H. A/D processing system for 64-element pixel detector 90204
Turko, B.T., Beuville, E., Millaud, J., Yaver, H. A/D processing system for 64-element pixel detector 100966
Turkot, B.A., Lagow, B.W., Robertson, I.M., Forbes, D.V., Coleman, J.J., Rehn, L.E., Baldo, P.M. Depth dependence of ion implantation damage in $Al_xGa_{1-x}As$/GaAs heterostructures 114882
Turkot, R. *see* Rossnagel, S.M. 84216
Turletti, T., Huitema, C. Videoconferencing on the Internet 78135
Turley, A.C. *see* Woudsma, R. 93412
Turlo, J. Measuring thin film stress in metallizations and passivations 105735
Turmachev, V.V. *see* Kravchun, P.N. 79760
Turnbull, D. *see* Kalem, S. 105236

Turnbull, D.A., Gu, S.Q., Bishop, S.G. Broad band excitation of Dy^{3+} emission by localized tail state absorption in chalcogenide glasses 65072
Turnbull, D.A., Li, A.X., Gu, S.Q., Reuter, E.E., Coleman, J.J., Bishop, S.G. Luminescence studies of GaN grown on GaN and GaN/AIN buffer layers by metalorganic chemical vapor deposition 113360
Turnbull, D.A. *see* Panepucci, R. 82595
Turnbull, G.A., Robertson, D.A., Smith, G.M., Allen, L., Padgett, M.J. The generation of free-space Laguerre-Gaussian modes at millimetre-wave frequencies by use of a spiral phaseplate 73684
Turnbull, L., Marvin, A.C. Effect of cross-polar coupling on open area test site measurement correlation and repeatability 85897
Turnbull, R.J. *see* Midya, P. 121405
Turnell, D.J., Deep, G.S., Freire, R.C.S. A low-cost water sensing method for adaptive control of furrow irrigation 119942
Turner, A.P.F. *see* Skuridin, S.G. 110228
Turner, C. Trans-European telecommunication networks: towards global interoperability 118204
Turner, C.F. *see* Cooley, P.C. 98858
Turner, C.S. A discrete time oscillator for a DSP based radio 109366
Turner, C.W., Naim, S.M., Agboraw, E. Novel planar structures for superconducting microwave antennas 117103
Turner, C.W. *see* Karacaoglu, U. 114333
Turner, C.W. *see* Warburton, P.A. 62319
Turner, D.A. *see* Goshtasby, A.A. 110747
Turner, D.A. *see* Goshtasby, A.A. 110784
Turner, D.P. *see* Tuttle, G.T. 75262
Turner, E.H. *see* Turner, R.M. 90834
Turner, G.W. *see* Choi, H.K. 65333
Turner, G.W. *see* Choi, H.K. 85516
Turner, G.W. *see* Choi, H.K. 96262
Turner, I. *see* Liu, F. 91946
Turner, J. The exploitation potential for GaAs based technologies: a European view 73796
Turner, J. *see* Adolphsen, C. 89648
Turner, J. *see* Bane, K. 89979
Turner, J. *see* Reddy, S. 113855
Turner, J. *see* Zimmermann, F. 89651
Turner, J.D. *see* Robinson, M.P. 97181
Turner, J.E., Miyazaki, K., Fukazawa, Y., Muraoka, H. Copper adsorption at a silicon surface from HF solutions 63363
Turner, J.F., II, Treado, P.J. Adaptive filtering and Hadamard transform imaging spectroscopy with an acousto-optic tunable filter (AOTF) 75626
Turner, J.L., Adolphsen, C., Bowden, G.B., Decker, F.J., Hartman, S.C., Matsumoto, S., Mazaheri, G., McCormick, D., Ross, M., Stege, R., Virostek, S., Woodley, M. Vibration studies of the Stanford Linear Accelerator 89654
Turner, J.R., Hugtenburg, R.P., Wynne, C.J. Total skin electron therapy at two energies on a linear accelerator 70196
Turner, J.S. Maintaining high throughput during overload in ATM switches 87308
Turner, K. *see* Kiener, C. 62980
Turner, K.H. Nuclear power for the future: implications of some crisis scenarios 81226
Turner, L.F. *see* Giortzis, A.I. 109520
Turner, L.F. *see* Lam, J.C.S. 108753
Turner, L.R. 3-D field computation: the near-triumph of commercial codes 96870
Turner, L.R. Fields and forces in flywheel energy storage with high-temperature superconducting bearings 112428
Turner, L.R., Nassiri, A., Mills, F.E., Kim, S., Feinerman, A. A micro-undulator fabricated by LIGA processes 100999
Turner, L.R. *see* Gluskin, E. 101000
Turner, M.D. Multiresonant power conversion 82925
Turner, M.J. Image operations using a semi-compressed contour tree image definition 86766
Turner, M.J., Wiseman, N.E. Efficient lossless image contour coding 77337
Turner, N., Nicholls, J.T., Linfield, E.H., Brown, K.M., Pepper, M., Ritchie, D.A., Jones, G.A.C. Temperature studies of the tunnelling between parallel two-dimensional electron gases 63028
Turner, R.M., Turner, E.H., Blidberg, D.R. Organization and reorganization of autonomous oceanographic sampling networks 90834
Turner, R.M. *see* Chan, K.K. 66158
Turner, R.M. *see* Grenier, D. 78987
Turner, S. *(editor)* Cern Accelerator School Cyclotrons, Linacs and Their Applications (CERN 96-02) 60368
Turner, S.E. *see* Hoppe, F.J. 121169
Turner, S.R. Interactivity and the convergence of TV and PC—real or imagined? 119410
Turner, T.E. Wafer level reliability: process control for reliability 115309
Turner, T.O., Joyce, D., Shi Yin, Bo Pi, Shulai Zhao, Willson, P., Parnham, K., Glick, B. Preliminary results obtained from novel CdZnTe pad detectors 101019
Turner, W. Use of formal description techniques in development and implementation of AVPAC protocol 67805
Turner, W. *see* Lewis, A.G. 89312
Turner, W. *see* Martin, R.A. 110298
Turner, W.C. Ion desorption stability in superconducting high energy physics proton colliders 100433
Turner-Smith, E. *see* Murphy, J.A. 65613
Turnpenny, D. *see* Fletcher, E.J. 99873
Turo, A. *see* Espinosa, G. 110280
Turo, A. *see* Garcia, M.J. 119653
Turo, A. *see* Salazar, J. 111381
Turowiecki, A. *see* Calen, H. 120194
Turowski, J. Three-dimensional scattering field and secondary losses in transformers 121536
Turowski, J., Pudlowski, Z.J. Effective training in the interactive solution of complex 3D electromagnetic problems 72134
Turowski, J. *see* Rizzo, M. 71355
Turowski, J. *see* Rizzo, M. 102762
Turowski, M., Lisik, Z., Pudlowski, Z.J. SEMDEM: Educational software for bipolar semiconductor devices 63534
Turpin, A. *see* Moffat, A. 86083
Turpin, T., Garrett-Jones, S., Rankin, N. Bricoleurs and boundary riders: managing basic research and innovation knowledge networks 103378
Turpin, T., Gesell, L., Lapides, J., Price, C. Theory of the synthetic aperture microscope 76285
Turpin, T. *see* Woodford, P. 117726
Turpin, T.M. *see* Gesell, L.H. 66150
Turpin, T.M. *see* Gesell, L.H. 80260
Turpin, T.M. *see* Phillips, L.C. 119297
Turra, A. *see* Del Guerra, A. 90352
Turra, A. *see* Del Guerra, A. 101112
Turri, R. *see* Caldon, R. 102048
Turrisi, A.T. *see* Naida, J.D. 90584
Tursini, M. *see* Manes, C. 121485
Turski, J. Projectively adapted pattern representation using noncommutative harmonic analysis 77354
Tursunkulov, O. *see* Zaveryukhin, B.N. 114808
Tursunov, M.N. *see* Gulamova, M.A. 81874
Turukhano, B.G., Gorelik, V.P., Kovalenko, S.N., Turukhano, N. Phase synthesis of a holographic metrological diffraction grating of unlimited length 76295
Turukhano, B.G., Turukhano, N., Lavrov, Yu.M. Methods for producing two-coordinate holographic diffraction gratings 76293
Turukhano, B.G. *see* Gordeev, S.V. 76294
Turukhano, N. *see* Turukhano, B.G. 76293
Turukhano, N. *see* Turukhano, B.G. 76295
Turunen, J. *see* Kuittinen, M. 116845
Turunen, S., Vehvilainen, K. Traveller information services made available with the GSM-SMS in DRIVE/PROMISE 99315
Tuschel, D.D., Lau, S.D., Risk, W.P. Micro-Raman and luminescence spectroscopic techniques for the characterization and process control of Rb^+ exchanged $KTiOPO_4$ waveguides 95754
Tuschick, T. *see* Muller, J. 104961
Tusic, B.S. *see* Stajic, Z.P. 81164
Tuss, J. *see* Lockyer, A.J. 120932
Tutaianu, B., Dartu, F., Pileggi, L. An explicit RC-circuit delay approximation based on the first three moments of the impulse response 82895
Tuthill, L. Users' rights?: The multilateral rules on access to telecommunications 67631
Tuthill, T.A. *see* Gustafson, S.C. 95235
Tuthill, T.A. *see* Gustafson, S.C. 117725
Tuthill, T.A. *see* Iftekharuddin, K.M. 88681
Tuthill, T.A. *see* Iftekharuddin, K.M. 117581
Tutinaga, Y. *see* Okada, H. 91770
Tutle, E.G. Consultant liability and client relations 60516
Tutor, J.C. *see* Young, J.H. 119533
Tutschku, K., Leibnitz, K. Fast ray-tracing for field strength prediction in cellular mobile network planning 109497
Tutschku, K., Nandi, A.K. On the relation between the spectral correlation density function and the cumulant spectrum 86159
Tuttle, B.A., Headley, T.J., Al-Shareef, H.N., Voigt, J.A., Rodriguez, M., Michael, J., Warren, W.L. Microstructure and 90° domain assemblages of $Pb(Zr,Ti)O_3//RuO_2$ capacitors as a function of Zr-to-Ti stoichiometry 106400
Tuttle, B.A., Schwartz, R.W. Solution depostion of ferroelectric thin films 92791
Tuttle, B.A. *see* Aggarwal, S. 115461
Tuttle, B.A. *see* Al-Shareef, H.N. 115457
Tuttle, B.A. *see* Dimos, D. 95282
Tuttle, B.A. *see* Seager, C.H. 64169
Tuttle, B.A. *see* Warren, W.L. 84691
Tuttle, B.A. *see* Warren, W.L. 95284
Tuttle, G. *see* McCalmont, J.S. 62167
Tuttle, G. *see* Sigalas, M.M. 75670
Tuttle, G.T., Vishakhadatta, G.D., Goldenberg, M., Kuai, D., Mehr, L., Singh, A., Trujillo, R.P., Welland, D.R., Gomez, R., Aram, F., Hein, J.P., Reed, D., Mitchem, J., Bliss, W.G., Armstrong, A.J., Behrens, R.T., Dudley, T.O., Duey, C.J., Meadows, J., Foland, W.R., Jr., Hull, R.W., Turner, D.P. A 130 Mb/s PRML read/write channel with digital-servo detection 75262
Tuttle, J. *see* Contreras, M.A. 103009
Tuttle, J.D. *see* Brandes, E.A. 80614
Tuttle, J.G., DiPirro, M.J., Shirron, P.J., Welty, R.P., Radparvar, M. Two-stage series array SQUID amplifier for space applications 111055
Tuttle, J.R. A low-power spread spectrum CMOS RFIC for radio identification applications 78642
Tuttle, J.R., Gabor, A.M., Contreras, M.A., Tennant, A.L., Ramanathan, K.R., Franz, A., Matson, R., Noufi, R. Absorber processing issues in high-efficiency, thin-film $Cu(In,Ga)Se_2$-based solar cells 112339
Tuttle, J.R. *see* Gabor, A.M. 92938
Tuttle, T.D., Seering, W.P. A nonlinear model of a harmonic drive gear transmission 81927
Tuttlebee, W.H.W. *see* Anderson, A. 119390
Tutuianu, B. *see* Dartu, F. 82892
Tutumi, Y. *see* Yamazaki, A. 70923
Tutunnikov, A.V. *see* Sobol', I.M. 61030
Tuyen Vo Van *see* Vo Van Tuyen
Tuyn, J.W.N. *see* Kitis, G. 101464
Tuzel, W. *see* Street, A.J. 84927
Tuzemen, S. *see* Abay, B. 105213
Tuzemen, S. *see* Yildirim, M. 114674
Tuzikov, A.V., Krivonos, O.V. Symmetrization of grey-scale images based on dilation 77365
Tuzinski, R. *see* Schmidt, G. 62789
Tuziuti, T. *see* Kozuka, T. 74963
Tuzuiti, T., Kozuka, T., Mitome, H. Convergence of acoustic radiation pressure using a concave spherical transducer 70566
Tverdokhleb, I.V. *see* Girnyk, V.I. 110307
Tverdokhleb, P.E. *see* Vyukhina, N.N. 75410
Tveryanovich, E.V. *see* Arbuzov, Yu.D. 81871
Tver'yanovich, E.V. *see* Strebkov, D.S. 102520
Tvete, K. *see* Tokerud, B. 97914
Tveter, T.S. *see* Guttormsen, M. 90249
Tward, E. *see* Silver, A. 93198
Twardowska, K. *see* Dawidowicz, A.L. 92406
Twardowski, A. *see* Mac, W. 62719
Twarog, E. *see* McLaughlin, D. 99648
Tweedie, R.L. *see* Lund, R.B. 72470
Tweedy, J., McGinnis, D., Hird, R., Carr, D. How to migrate a proprietary EMS into an open system 90973
Tweet, D.J., Matsuhata, H., Shioda, R., Oyanagi, H., Kamei, H. Strain effects on interdiffusion in $InAs_{1-x}P_x/InP$ heterostructures 61222
Tweet, D.J. *see* Fons, P.J. 82605
Tweig, R. *see* Hill, R.A. 64604
Twelves, S., Kikkert, C.J. Digital stereo FM modulator 104405
Twesten, I. *see* Streller, U. 84143
Twesten, R.D., Follstaedt, D.M., Choquette, K.D., Schneider, R.P., Jr. Microstructure of laterally oxidized $Al_xGa_{1-x}As$ layers in vertical-cavity lasers 85456
Twichell, J.C. *see* Geis, M.W. 73938
Twichell, J.C. *see* Geis, M.W. 83707
Twidell, J.W., Gauld, R., Fern, D., Burton, A. Recommissioning and operating the LS1 3MW, Burgar Hill, Orkney wind turbine using novel crack repair 102574
Twidell, J.W., Woodbridge, K. Household autonomous wind turbine heat and power–Orkney 102555
Twidell, J.W. *see* Batley, S.L. 91416
Twidell, J.W. *see* Fraser, I. 91888
Twieg, D.B. *see* Hetherington, H.P. 101301
Twieg, R.J. *see* Burland, D.M. 115995
Twieg, R.J. *see* Miller, R.D. 85642
Twieg, R.J. *see* Moylan, C.R. 64782
Twieg, R.J. *see* Poga, C. 95658
Twieg, R.J. *see* Wortmann, R. 106757
Twieg, R.J. *see* Yankelevich, D.R. 119908
Twigg, M.E. *see* Bennett, B.R. 82681
Twigg, M.E. *see* Thibado, P.M. 82594
Twist, M.van *see* van Twist, M.
Twist, P., Briggs, T., Morgan, K., Hughes, P. ISAP—delivering the goods 67661
Twitto, A., Shamir, J., Bekker, A., Notea, A. Detection of internal defects using phase shifting holographic interferometry 113564
Twizell, E.H. *see* Siddiqi, S.S. 72695
Twomey, A., Mathewson, A., Gigon, F. A parameter extraction methodology for FLOTOX EEPROMs 61872
Twu, D.-C. *see* Chen, K.-C. 67559
Twu Dsun-Chie *see* Dsun-Chie Twu
Twu Hwa-Ming *see* Hwa-Ming Twu
Tyagi, A., Bayoumi, M.A. ULSI design-for-manufacturability: a yield enhancement approach 74793
Tyagi, A.K., Velmurugan, S., Narasimhan, S.V., Rao, U.R.K., Moorthy, P.N. Study of fluorine incorporation into $YBa_2Cu_3O_{6.5+\delta}$ by X-ray photoelectron spectroscopy 75307
Tyagi, G.S. *see* Srivastava, G.P. 83333
Tyagi, M.S. *see* Yadav, K.S. 106008
Tyagi, P.K. *see* Gupta, R. 72341
Tyagi, R., Chow, T.P. Self-enclosed vs. LOPOS-terminated lateral planar p^+n and n^+p junctions in 3C-SiC/Si 105266
Tyagi, R., Padmavati, M.V.G., Singh, M., Purohit, R.K., Agarwal, S.K. Effect of heavy doping on the electroluminescence of GaAs p-n junction grown using metalorganic vapour phase epitaxy 106951
Tyagi, R. *see* Ramungul, N. 105887
Tyagi, R. *see* Ramungul, N. 105921
Tyagi, S., Yadav, K.S. Temperature modeling of threshold voltage of MOS transistors 106006
Tyagi, S.C. Automation in electrics and instrumentation for a 36 million litres/day treatment plant based on UASB technology 122114
Tyagi, V. *see* Purkayastha, S. 99268

Tyagi, V.M., Natu, U.V., Lal, P. Tailoring of EMI/EMC specifications and test plans 76481
Tyan, S.L., Wang, Y.C., Hwang, J.S., Shen, H. Unambiguous photoreflectance determination of electric fields using phase suppression 74344
Tyan Rong-Chung *see* Rong-Chung Tyan
Tyc, S. *see* Arnodo, C. 105472
Tychyna, I.I. *see* Vernidub, R.M. 116216
Tycko, R. *see* Barrett, S.E. 105367
Tyczkowski, J. *see* Hatanaka, Y. 113479
Tye-Murray, N., Spencer, L., Bedia, E.G., Woodworth, G. Differences in children's sound production when speaking with a cochlear implant turned on and turned off 90601
Tykshaev, V.P. *see* Filippov, N.V. 110637
Tylec, M.S. Bring fresh ideas to boiler startup procedures 91350
Tyler, L. *see* Larson, L. 82263
Tyler, R. Electromagnetic compatibility and marking of acoustic instrumentation. What does it all mean? 111349
Tyler, S. *see* Gupta, G. 88003
Tylets, N.A. *see* Zaporozhchenko, V.A. 85353
Tymerski, R. Worst-case stability analysis of switching regulators using the structured singular value 112054
Tyminski, L. *see* Dzierzynski, A. 112031
Tymkiewicz, R. *see* Filipczynski, L. 69977
Tynes, T. *see* Reitan, J.B. 90623
Tyoskin, O.I., Krivolapov, S.Y. Nonparametric model for step-stress accelerated life testing 82343
Tyrer, J.R. *see* Corder, D.A. 112830
Tyrer, J.R. *see* Maran, R.M. 69487
Tyrer, J.R. *see* Petzing, J.N. 80687
Tyrrell, A.M. *see* Canham, R.C. 117620
Tyrrell, A.M. *see* Howard, N.J. 73256
Tyrrell, G.C., York, T.H., Coccia, L.G., Boyd, I.W. Kinetic energy distributions of ions ejected during laser ablation of lead zirconate titanate and their correlation to deposition of ferroelectric thin films 92866
Tyrrell, G.C. *see* Coccia, L.G. 92868
Tyrroff, H. *see* Henke, D. 120088
Tyson, R.K. Adaptive optics and ground-to-space laser communications 99457
Tyszer, J. *see* Gupta, S. 104441
Tyszer, J. *see* Rajski, J. 73182
Tyszka-Zawadzka, A. *see* Szczepanski, P. 85548
Tytgat, L. European Union project 78621
Tytgat, L. *see* Nelson, A. 68758
Tyukhtin, A.V. Diffraction of electromagnetic waves by a nonconducting half-plane in a hot plasma 65866
Tyukin, V.Yu. *see* Ershov, S.G. 105690
Tyukov, V. *see* Martellotti, G. 80122
Tyukov, V.A. *see* Malinin, L.I. 103081
Tyunina, M., Sreenivas, K., Bjormander, C., Wittborn, J., Rao, K.V. An experimental study and modeling of the thickness distribution in pulsed laser deposited ferroelectric thin films 92923
Tyurin, A.V. *see* Belous, V.M. 85762
Tyurnev, V.V. *see* Belyaev, B.A. 69444
Tyushkevich, B.N., Dashkevich, V.I. Spectral band narrowing and giant-pulse-laser frequency stabilization for recording holographic interferograms 116757
Tyushkevich, B.N. *see* Nizhnik, M.N. 107633
Tyutikov, V.V. *see* Tararykin, S.V. 71790
Tz-Guei Jung *see* Ting-Chang Chang 61324
Tz-Guei Jung *see* Ting-Chang Chang 64906
Tz-Hua Tang *see* Sheng-Lyang Jang 74717
Tzach, D. *see* Levin, L. 69203
Tzafestas, S.G., Dalianis, P.J. A real-time expert data filtering system for industrial plant environments 110037
Tzalenchuk, A.Ya. *see* Chen, Y.F. 84911
Tzamarias, S. *see* Bloch, D. 69734
Tzamarias, S. *see* Campion, R. 69727
Tzanakos, C., Economou, Y., Alexandratou, E., Kechribaris, C., Monoyiou, E., Pagoulatos, N. A comparative study of the performance characteristics of new inorganic scintillator detectors for PET 101316
Tzannes, A.P. *see* Shepard, F.D. 69155
Tzaregradsky, V.B. *see* Marugin, A.V. 110379
Tze Fen Li, Chung-Bow Lee Multipath time-delay estimation using change-point technique 97679
Tze-Chiang Sun Taipower's distribution engineering 102074
Tze-Liang Chiam *see* Yew-Hock Ang 87017
Tze-San Lee Rank CUSUM for testing changes in mean 103603
Tzeng, C.L. *see* Liaw, S.K. 119237
Tzeng, H.-M. *see* Litvak, H.E. 114920
Tzeng, H.-Y. *see* Li, H. 77986
Tzeng, K.-C. *see* Mori, W.B. 89678
Tzeng, K.K. *see* Lee, H. 66449
Tzeng, K.K. *see* Park, C.-S. 117217
Tzeng, K.K. *see* Wang, C. 66316
Tzeng, L.D., Mizuhzra, O., Nguyen, T.V., Ogawa, K., Watanabe, I., Makita, K., Tsuji, M., Taguchi, K. A high-sensitivity APD receiver for 10-Gb/s system applications 99569
Tzeng, L.D. *see* Park, Y.K. 78685
tzeng, L.D. *see* Park, Y.K. 99577
Tzeng, Y.C. *see* Chen, K.S. 90841
Tzeng, Y.M., Chen, C.S., Hsu, C.T., Chen, J.K., Chang, W.H. Design of load shedding scheme for a cogeneration facility: a case study 112630
Tzeng, Y.M. *see* Chen, C.S. 91070
Tzeng Gwo-Hshiung *see* Gwo-Hshiung Tzeng
Tzeng Hong-Yi *see* Hong-Yi Tzeng
Tzeng Kuo-Cheng *see* Kuo-Cheng Tzeng
Tzeng Lue Juh *see* Juh Tzeng Lue
Tzeng Nian-Feng *see* Nian-Feng Tzeng
Tzeng Shian-Jeng *see* Shian-Jeng Tzeng
Tzeng Yenn-Ming *see* Yenn-Ming Tzeng
Tzeng Yeou-Kuang *see* Yeou-Kuang Tzeng
Tzeng-Shong Yeh *see* Cheng-Tsung Liu 70648
Tzenov, N., Dimova-Malinovska, D., Marinova, Ts., Krastev, V., Tsvetkova, T. Modification of magnetron sputtered a-$Si_{1-x}C_x$:H films by implantation of Ge^+ 94714
Tzer Hsu Jia *see* Jia Tzer Hsu
Tzi-Cker Chiueh, Li-Chun Wang Burst handling of digital video traffic 97470
Tzi-Dar Chiueh *see* Po-Cheng Wu 97902
Tzi-Hsiung Shu, Bacrania, K., Gokhale, R. A BiCMOS fully-differential 10-bit 40 MHz pipelined ADC 61981
Tzi-Hsiung Shu, Bacrania, K., Gokhale, R. A 10-b 40-Msample/s BiCMOS A/D converter 114023
Tziampazis, E., Sambanis, A. Engineering a normally responsive bioartificial pancreas based on glucose-hypersensitive cells 70240
Tziavos, I.N. Comparisons of spectral techniques for geoid computations over large regions 72734
Tzimopoulou, S. *see* Lettington, A.H. 119715
Tzionas, P. A cellular neural network learning the pseudorandom behaviour of a complex system 62091
Tzionas, P. *see* Andreadis, I. 82302
Tzolov, M. *see* Dimova-Malinovska, D. 94787
Tzolov, M. *see* Hapke, P. 92878
Tzolov, V.P., Fontaine, M. A passive polarization converter free of longitudinally-periodic structure 75528
Tzong-Chen Wu, Shu-Lin Chou, Tzong-Sun Wu Two ID-based multisignature protocols for sequential and broadcasting architectures 118150
Tzong-Jih Cheng, Hsein-Chang Chang, Tsun-Mei Lin, Trai-Ming Yeh Characteristics of piezoelectric quartz crystal sensor in liquid and its application on detecting whole blood coagulation time 80182
Tzong-Kuei Kang *see* Huang-Chung Cheng 84163
Tzong-Shing Lee *see* Sih-Li Chen 82009
Tzong-Shyng Leu *see* Lanzillotto, A. 69571
Tzong-Sun Wu *see* Tzong-Chen Wu 118150
Tzong-Wann Kao, Shi-Jinn Horng Efficient computing template matching on RAP 97934
Tzong-Wann Kao *see* Yu-Hua Lee 77458
Tzong-Yih Guo *see* Chi-Jui Wu 122099
Tzoracoleftherakis, E. *see* Sphiris, N. 120357
Tzou, H.C. *see* Wu, R.T. 70534
Tzou, H.S., Chou, C.-S. Nonlinear opto-electromechanics and photodeformation of optical actuators 64163
Tzou, H.S., Ye, R. Analysis of piezoelastic structures with laminated piezoelectric triangle shell elements 95306
Tzou, H.S., Ye, R. Pyroelectric and thermal strain effects of piezoelectric (PVDF and PZT) devices 115458
Tzou An-Fu *see* An-Fu Tzou
Tzou Ying-Yu *see* Ying-Yu Tzou
Tzovaras, D. *see* Efstratiadis, S.N. 77399
Tzu-Feng Tseng, Ching-Chyuan Yang, Kuo-Shung Liu, Jenn-Ming Wu, Tai-Bar Wu, I-Nan Lin Crystallization characteristics of $LaNiO_3$ layers and their effect on pulsed laser deposited $(Pb_{1-x}La_x)(Zr_yTi_{1-y})O_3$ thin films 113442
Tzu-Feng Tseng, Kuo-Shung Liu, Tai-Bar Wu, I.-Nan Lin Effect of $LaNiO_3$/Pt double layers on the characteristics of $(Pb_xLa_{1-x})(Zr_yTi_{1-y})O_3$ thin films 64071
Tzu-Kun Ku *see* Chih-Chong Wang 74055
Tzu-Kun Ku *see* Chih-Chong Wang 94172
Tzu-Kun Ku *see* Ping-Wei Wang 84031
Tzu-Ning Fang *see* Oguzman, I.H. 114620
Tzuan-Ren Jeng, Chao, S. Magnetic domain formation in $Tb_{23}Fe_{77}$ thin film on a moving magneto-optical disk with magnetic field modulation recording 85150
Tzuang, C.-K.C., Guang-Jong Chou An active microstrip leaky-wave antenna employing uniplanar oscillator 97377
Tzuang, C.-K.C. *see* Lin, J.-M. 85984
Tzuang, C.-K.C. *see* Yu-De Lin 108091
Tzuang Ching-Kuang C. *see* Ching-Kuang C. Tzuang
Tzuen-Hsi Huang *see* Ming-Jer Chen 61708
Tzuen-Lih Chern, Chin-Wen Chuang, Rong-Lin Jiang Design of discrete integral variable structure control systems and application to a brushless DC motor control 81478
Tzun-Kun Ku *see* Huang-Chung Cheng 84163
Tzung-Pao Lin *see* Nen-Fu Huang 88162
Tzur, Y. *see* Pundak, N. 60638
Tzvetkov, P.M. *see* Kolev, N.P. 110029
Tzyh-Yi Sun, Jia-Jin Chen, Thy-Sheng Lin Investigation of motor units activity in stroke patient using noninvasive multielectrode electromyography: a preliminary study 80391
Tzyy-Sheng Horng *see* Ming-Ju Tsai 83339
Uan-Zo-Li, A.B., Chuev, V.I., Volsky, S.I. A design of defense circuits of high-frequency thyristored inverters 121689
Uan-Zo-Li, A.B. *see* Chuev, V.I. 122053
Ubale, A.W., Kalyanakrishnan, S., Anuradha, V.K., Madhukar, B. Adaptive filter routines for the Motorola DSP56100 family 93403
Ubale, A.W. *see* Kamaraj, K. 86289
Ubale, A.W. *see* Madhukar, B. 83170
Ubeda, S. *see* Kuonen, P. 99353
Ubeda, S. *see* Kuonen, P. 116905
Ubelhack, C. *see* Frank, P. 80847
Uber, C.F. *see* Crowley, R.D. 109740
Uberall, H. *see* Yanping Guo 97056
Uberbacher, E.C., Xu, Y., Lee, R.W., Glover, C.W., Beckerman, M., Mann, R.C. Image exploitation using multi-sensor/neural network systems 66873
Ubukata, K. *see* Motokawa, M. 96985
Ucan, O.N. Modified/quadrature partial response-trellis coded modulation (M/QPR-TCM) systems 66254
Ucan, O.N. Jitter and error performance analysis of trellis coded M-PSK over partial response fading channels 76703
Ucan, O.N. Ucan-decoders in partial response channels 97469
Uceda, J., Cobos, J.A. Supplying power at low voltage (3.3 V) 93130
Uceda, J. *see* Asensi, R. 61614
Uceda, J. *see* Canalli, V.M. 121712
Uceda, J. *see* de la Torre, E. 113983
Uceda, J. *see* Entrena, L.A. 113879
Uceda, J. *see* Garcia, O. 121624
Uceda, J. *see* Libano, F.B. 120991
Uceda, J. *see* Prieto, R. 61612
Uceda, J. *see* Prieto, R. 121691
Uceda, J. *see* Riesgo, T. 60568
Uceda, J. *see* Riesgo, T. 113883
Uceda, J. *see* Simonetti, D. 121781
Uchibori, C.J., Oku, T., Kameya, N., Ono, N., Murakami, M. Effects of deposition sequence on electrical properties of InAs-Ni-W Ohmic contacts to n-type GaAs 63115
Uchibori, M., Takezawa, M., Arai, K., Suda, A., Takenaka, M. Rotary compressor using a rare-earth magnet brushless motor 82010
Uchida, A., Nakata, T., Kannari, F. Dual-wavelength-pumped fiber Raman converter for wavelength conversion at 10 Gbit/s 78796
Uchida, F. *see* Tsuji, S. 95687
Uchida, F. *see* Yagi, K. 105675
Uchida, G. *see* Shirai, S. 89277
Uchida, H., Adachi, M., Nishikawa, H., Egawa, T., Jimbo, T., Umeno, M. CBE-grown high-quality GaAs on Si substrate 104022
Uchida, H., Ijuin, N. WWW gateway service on non-procedural environment 118065
Uchida, H., Machizuki, N., Watanabe, M. High-performance electrode for medium-temperature operating solid oxide fuel cells. Polarization property of ceria-based anode with highly dispersed Ruthenium catalysts in $(H_2+CO_2+H_2O)$ gas 71690
Uchida, H., Sakurai, K., Ando, M., Goto, N. A double-layer dipole array polarizer for planar antenna 108071
Uchida, H., Yoshida, M., Watanabe, M. Effects of ionic conductivity of zirconia solid electrolytes on anodic polarization properties in SOFC 81823
Uchida, H. *see* Ikeda, Y. 115773
Uchida, H. *see* Kobayashi, S. 63429
Uchida, H. *see* Miyazaki, N. 72746
Uchida, H. *see* Nagai, Y. 120182
Uchida, H. *see* Satoh, N. 90346
Uchida, H. *see* Satoh, N. 101117
Uchida, H. *see* Sonobe, Y. 115767
Uchida, H. *see* Uchida, H.H. 115858
Uchida, H. *see* Watanabe, M. 81827
Uchida, H.H., Uchida, H., Wada, M., Ichikawa, A., Koeninger, V., Matsumura, Y., Kaneko, H. Development and intelligent application of giant magnetostrictive $(Tb,Dy)Fe_2$ films 115858
Uchida, I. *see* Hashimoto, M. 113951
Uchida, K., Kawashima, T., Uozumi, T., Inoue, Y., Fukunaga, S. Effects of morphology on space charge distribution in polyethylene 64129
Uchida, K., Matsunaga, T., Ki-Chai Kim, Kyung-Koo Han FVTD analysis of electromagnetic wave propagation in two dimensional tunnels with fundamental junctions 97026
Uchida, K. *see* Goshima, H. 102599
Uchida, K. *see* Hayakawa, N. 75007
Uchida, K. *see* Iida, T. 109590
Uchida, K. *see* Kim, K. 69446
Uchida, K. *see* Kobayashi, I. 115673
Uchida, K. *see* Komatsu, T. 74251
Uchida, K. *see* Kuroda, S. 74400
Uchida, K. *see* Matsunaga, T. 99237
Uchida, K. *see* Okubo, H. 75008
Uchida, K. *see* Omi, S. 76233
Uchida, K. *see* Suwarno 64153
Uchida, K. *see* Suwarno 75002
Uchida, K. *see* Suwarno 106306
Uchida, K. *see* Tanaka, T. 62918
Uchida, M., Fukuoka, Y., Sugawara, Y., Eda, N., Ohta, A. Effects of microstructure of carbon support in the catalyst layer on the performance of polymer-electrolyte fuel cells 102965
Uchida, M., Kainosho, K., Ohta, M., Oda, O. Reproducibility in the fabrication of undoped semi-insulating InP 92678

Uchida, M., Nakano, K. Control system design for an ideal transient control performance–Proposal of simulator-based foresight control 101837
Uchida, N., Hibino, Y., Suzuki, Y., Kurosaki, T., Ishihara, N., Nakamura, M., Hashimoto, T., Akahori, Y., Inoue, Y., Moriwaki, K., Yamada, Y., Kato, K., Tohmori, Y., Wada, M., Sugie, T. Passively aligned hybrid WDM module integrated with spot-size converter integrated laser diode and waveguide photodiode on PLC platform for fibre-to-the-home 109616
Uchida, N., Hibino, Y., Suzuki, Y., Kurosaki, Y., Ishihara, N., Nakamura, M., Hashimoto, T., Akahori, Y., Inoue, Y., Moriwaki, K., Yamada, Y., Kato, K., Tohmori, Y., Wada, M., Sugie, T. Passively aligned hybrid WDM module integrated with a spot-size converted laser diode and waveguide photodiode on a PLC platform for fiber-to-the-home 88639
Uchida, N. *see* Kikuiri, N. 94870
Uchida, N. *see* Kusaura, N. 78153
Uchida, N. *see* Yoshida, J. 64998
Uchida, R. *see* Suga, I. 81582
Uchida, S., Shimada, Y., Yasuda, H., Tsubakimoto, K., Motokoshi, S., Yamanaka, C., Yamanaka, T., Fujita, H., Matsuura, K., Kawasaki, Z., Ushio, T., Watanabe, T., Daohong Wang, Adachi, M., Ishikubo, Y. The field experiments of laser triggered lightning 81132
Uchida, S. *see* Kaneko, S. 71159
Uchida, S. *see* Kodato, S. 89051
Uchida, S. *see* Yasuda, H. 76313
Uchida, T., Fujinaga, H., Kotani, N., Kawazu, S., Miyoshi, H. Stable solution method for viscoelastic oxidation including stress-dependent viscosity 105622
Uchida, T., Kurakake, H., Soda, H., Yamazaki, S. A 1.3 μm strained quantum well laser on a graded InGaAs buffer with a GaAs substrate 61199
Uchida, T., Morikawa, Y., Ikuta, H., Wakihara, M., Suzuki, K. Chemical diffusion coefficient of lithium in carbon fiber 121845
Uchida, T., Shimizu, T., Yasuoka, Y. Improvement of responsivity of antenna-coupled warm carrier device using polycrystalline Ge thin films 106067
Uchida, T. *see* Fukuda, I. 85124
Uchida, T. *see* Kamata, T. 76225
Uchida, T. *see* Kamata, T. 85632
Uchida, T. *see* Kawakami, T. 85210
Uchida, T. *see* Kawakami, T. 85212
Uchida, T. *see* Kuo, C.-L. 89455
Uchida, T. *see* Li Guohua 91718
Uchida, T. *see* Miyashita, T. 119815
Uchida, T. *see* Nobori, T. 90129
Uchida, T. *see* Nobori, T. 100962
Uchida, T. *see* Ogawa, Y. 101508
Uchida, T. *see* Seki, H. 100247
Uchida, T. *see* Senzaki, J. 104106
Uchida, T. *see* Shoji, H. 85470
Uchida, T. *see* Wakihara, M. 81662
Uchida, Y., Minemura, J., Yazawa, Y., Warabisako, T. Epitaxial growth of GaAs on HF-treated Si substrates 104024
Uchida, Y. *see* Hattori, H. 76280
Uchida, Y. *see* Mizunami, T. 106784
Uchida, Y. *see* Singh, B.P. 107408
Uchida, Y. *see* Watanabe, S. 69095
Uchihori, Y., Kawamura, Y., Kumagawa, H., Sun, J.M., Bin, G., Nakaoka, M. New electromagnetic induction type fluid heating appliance using self-tuning PID control-based PWM series resonant inverter with power factor correction 91943
Uchiike, H. *see* Amano, K. 89300
Uchiike, H. *see* Sasaki, T. 110305
Uchikawa, F. *see* Nozaki, A. 79588
Uchikawa, N. *see* Yoshino, K. 82776
Uchikawa, T. *see* Sekiguchi, T. 119495
Uchikawa, Y. *see* Yang Xuhua 108522
Uchiki, H. *see* Fukuda, T. 92671
Uchikoshi, J., Shimada, S., Ikawa, N., Komura, A. Straightness measurement using laser beam straight datum 79689
Uchimi, T. *see* Kawana, T. 106535
Uchimoto, Y. *see* Ioroi, T. 81811
Uchimoto, Y. *see* Worrell, W.L. 81751
Uchimura, K., Nitta, S., Chang, J.-S. Electromagnetic radiation noise from surface gas discharges: Mechanisms of propagation, coupling and formation 62553
Uchimura, K. *see* Aihara, K. 62119
Uchimura, K. *see* Morie, T. 66858
Uchinno, O. *see* Vasa, N.J. 107193
Uchino, E. *see* Nakamura, S. 121002
Uchino, K. Photostrictive actuators and "photophones" 115414
Uchino, K. *see* Aburatani, H. 64083
Uchino, K. *see* Hirose, S. 101601
Uchino, K. *see* Koc, B. 106387
Uchino, K. *see* Mulvihill, M.L. 92660
Uchino, K. *see* Tressler, J.F. 111375
Uchino, O. *see* Vasa, N.J. 107192
Uchino, O. *see* Vasa, N.J. 116424
Uchino, S. *see* Migitaka, S. 105810
Uchino, S.-I., Ueno, T., Migitaka, S., Yamamoto, J., Tanaka, T., Murai, F., Shiraishi, H., Hashimoto, M. Contrast-boosted resist using a polarity-change reaction during aqueous base development 105794
Uchino, T., Takita, K. Liquid phase epitaxial growth of $Hg_{1-x-y}Cd_xZn_yTe$ and $Hg_{1-x-y}Cd_xMn_yTe$ from Hg-rich solutions 113309
Uchino, T. *see* Shiba, T. 63638
Uchino, T. *see* Shiba, T. 94910
Uchino Kenji *see* Kenji Uchino
Uchinokura, K. *see* Shibauchi, T. 106658
Uchinokura, O. *see* Furukawa, T. 106335
Uchishiba, H. *see* Hashimoto, K. 104672
Uchishiba, H. *see* Nishihara, T. 106451
Uchitomi, N. *see* Kawakyu, K. 88240
Uchitomi, N. *see* Tsurumi, H. 78488
Uchiumi, M. *see* Tanaka, T. 64149
Uchiya, S. *see* Kawamura, T. 79163
Uchiyama, A. Endoradiosonde needs micro machine technology 69931
Uchiyama, F. A study on precision measurements of radio frequency voltage and electromagnetic wave power 79640
Uchiyama, F. *see* Nagata, S. 81771
Uchiyama, H., Yamaguchi, T., Yamada, T., Murakami, Y. A practical fiber-optic air-ratio sensor operating by flame color detection 79469
Uchiyama, K., Morioka, T., Saruwatari, M., Asobe, M., Ohara, T. Error free all-optical demultiplexing using a chalcogenide glass fibre based nonlinear optical loop mirror 99551
Uchiyama, K., Takara, H., Morioka, T., Kawanishi, S., Saruwatari, M. 100 Gbit/s multiple-channel output all-optical demultiplexing based on TDM-WDM conversion in a nonlinear optical loop mirror 118740
Uchiyama, K. *see* Morioka, T. 68369
Uchiyama, K. *see* Morioka, T. 78783
Uchiyama, K. *see* Morioka, T. 88644
Uchiyama, K. *see* Sadakata, N. 91772
Uchiyama, M. *see* Fukumitsu, N. 90322
Uchiyama, M. *see* Geunbae Lim 110872
Uchiyama, M. *see* Sato, F. 89329
Uchiyama, M. *see* Yukawa, T. 80494
Uchiyama, O. *see* Yamauchi, J. 116976
Uchiyama, S., Ninomiya, T. 1.3-μm GaInAsP/InP multi-quantum-well surface-emitting lasers 76017
Uchiyama, S., Yokouchi, N., Ninomiya, T. Low threshold room temperature continuous wave operation of 1.3 μm GaInAsP/InP strained layer multi-quantum well surface emitting laser 65343
Uchiyama, T. *see* Ichikawa, F. 106664
Uchiyama, T. *see* Miyake, S. 106730
Uchiyama, T. *see* Tezuka, T. 116329
Uchiyama, Y., Nakamura, H., Yabusaki, M. Network functions and signalling for personal roaming between digital cellular standards 68242
Uchiyama, Y., Tsuchiya, M., Hai-Feng Liu, Kamiya, T. Spectrally narrowed operation of a gain-switched 690 nm GaInP/AlGaInP Fabry-Perot laser by self-seeding technique 75917
Uchizawa, M., Fujita, J., Kobayashi, H., Tanabe, S. Magnetic domain control of thick Fe-M(Zr,Ta)-N films for digital VCR metal in gap heads 64257
Uciakowski, T. *see* Magdziarz, A. 82128
Ucinski, D. *see* Korbicz, J. 111702
Uda, A. *see* Itoh, M. 112915
Uda, H., Nogawa, K., Hirai, T., Sawai, T., Higashino, T., Harada, Y. A high-performance and miniaturized dual-use (antenna/local) GaAs SPDT switch IC operating at +3 V/0 V 88199
Uda, H., Nogawa, K., Hirai, T., Sawai, T., Higashino, T., Harada, Y. A high-performance and miniaturized dual-use (antenna/local) GaAs SPDT switch IC operating at +3 V/0 V 88231
Uda, H. *see* Mizutani, M. 69061
Uda, H. *see* Oguri, Y. 69060
Uda, K. *see* Matsuoka, T. 105945
Uda, K. *see* Mori, S. 105766
Uda, K. *see* Sakoda, S. 112877
Uda, M. *see* Nagashima, S. 69793
Uda, S., Higaki, T., Funami, H., Mano, K. The general idea of a vapor lubrication system applied in small power motors 71369
Uda, S. *see* Adachi, K. 61164
Uda, S. *see* Shimamura, K. 82572
Uda, T., Nishitsuji, M., Nishii, K., Fujimoto, K., Tamura, A. Sub-quarter-micrometre GaAs MESFET process with WSi sidewall gate 63794
Uda, T. *see* Itoh, J. 88198
Uda, T. *see* Terakura, K. 82706
Uda, Y. *see* Zhang, S. 89496
Udagawa, K. *see* Ichinose, N. 106333
Udagawa, T., Inoue, K., Fukutomi, S., Takaoka, K., Hanafusa, N. Development of medical system for photodynamic therapy (PDT) 101416
Udagawa, T. *see* Kawahara, K. 85120
Udagawa, T. *see* Yamada, H. 113015
Udaiyan, D., Green, R.P.M., Kim, D.H., Damzen, M.J. Double-pumped phase conjugation in inverted Nd:YAG 96204
Udaiyan, D. *see* Mocofanescu, A. 116437
Udaka, M. Financing the development of telecommunications infrastructure: various means to accumulate capital for constructing and enhancing telecommunications networks in Asian economies 87557
Udal, A. *see* Vaher, G. 84358
Udalov, Y.B., Tskhai, S.N., Peters, P.J.M., Witteman, W.J., Kochetov, V.I., Ochkin, V.N. RF excited gas lasers–recent progress 107103
Udayakumar, K.R. *see* Gaskey, C.J. 75021
Udd, E. Fiber optic smart structures 79445
Udd, E. Fiber optic smart structures for aerospace and natural applications 79449
Udd, E., Corona, K., Slattery, K.T., Dorr, D.J. Tension and compression measurements in composite utility poles using fiber optic grating sensors 81119
Uddin, M.B. *see* Choudhury, M.A. 121564
Uddin, M.N. *see* Roessler, D.M. 107646
Udding, J.T. *see* Keegstra, H. 104758
Ude, A., Brode, H., Dillmann, R. Object localization using perceptual organization and structural stereopsis 97929
Udhayasankar, M. *see* Arulkumaran, S. 105598
Udintsev, D.N. *see* Mozhaev, N.S. 114357
Udintsev, D.N. *see* Mozhayev, N.S. 121145
Udipi, S., Vasileska, D., Ferry, D.K. Numerical modeling of silicon quantum dots 105388
Udo, F. *see* Bouhali, O. 120166
Udo, M.K. *see* Espindola, R.P. 65497
Udod, E.I., Ilyenko, O.S., Talover'ya, V.L. Simulations of induced currents and voltages during the grounding of earth wire at the tower of transmission line 81130
Udono, H., Kimura, M., Tanaka, A., Sukegawa, T. Growth of GaAsP alloy layer on GaP substrate by compositional conversion technique 72815
Udono, H., Motogaito, A., Kimura, M., Tanaka, A., Sukegawa, T. Growth of GaAsP on GaP by compositional conversion 92755
Udpa, L. *see* Katragadda, G. 60683
Udpa, L. *see* Katragadda, G. 60684
Udpa, L. *see* Mandayam, S. 64283
Udpa, L. *see* Mandayam, S. 64499
Udpa, L. *see* Masri, W. 111391
Udpa, L. *see* Zuorong Zhang 61503
Udpa, S. *see* Katragadda, G. 60683
Udpa, S. *see* Katragadda, G. 60684
Udpa, S. *see* Sun, Y. 65707
Udpa, S. *see* Xue, T. 70557
Udpa, S.S. *see* Mandayam, S. 64283
Udpa, S.S. *see* Mandayam, S. 64499
Udpa, S.S. *see* Masri, W. 111391
Udpa, S.S. *see* Zuorong Zhang 61503
Udpikar, V.R. *see* Damle, P.S. 120418
Udrea, D.D., Bryanston-Cross, P.J., Lee, W.K., Funes-Gallanzi, M. Two sub-pixel processing algorithms for high accuracy particle centre estimation in low seeding density particle image velocimetry 100398
Udrea, F., Amaratunga, G.A.J., Humphrey, J., Clark, J., Evans, A.G.R. The MOS inversion layer as a minority carrier injector 105492
Udrea, F., Gardner, J.W. Design of a silicon microsensor array device for gas analysis 89183
Udrea, M., Stoica, M., Buica, I., Flacau, C., Pointu, A.-M., Ganciu, M., Penache, D., Popescu, I.-I. High-repetition-rate operation of a double-discharge electron beam generator 75598
Udren, E. *see* Hart, D. 102232
Udren, E. *see* Novosel, D. 121057
Ue, M., Mori, S. Mobility and ionic association of lithium salts in aprotic solvents 81700
Ue, T., Sampei, S., Morinaga, N. Adaptive modulation packet radio communication system using NP-CSMA/TDD scheme 109475
Ue, T. *see* Otsuki, S. 68178
Ueberla, J.P. An extended clustering algorithm for statistical language models 86154
Ueda, A. *see* Henderson, D.O. 61145
Ueda, A. *see* Mu, R. 84105
Ueda, A. *see* Torii, A. 120513
Ueda, D. *see* Kakino, Y. 81933
Ueda, D. *see* Koizumi, H. 73762
Ueda, D. *see* Miyatsuji, K. 83427
Ueda, F. *see* Matsui, K. 91649
Ueda, H., Kinoshita, K. Low power design and its testability 61779
Ueda, H., Okamoto, H., Okamoto, M., Tanaka, K., Sakamoto, K., Shimizu, E., Kajiki, Y., Kubota, T. Applications of holographic stereograms by a large liquid crystal display 96753
Ueda, H. *see* Kajiki, Y. 96748
Ueda, H. *see* Mese, M. 98167
Ueda, H. *see* Mizobuchi, T. 76276
Ueda, H. *see* Nagaya, S. 86872
Ueda, H. *see* Okamoto, H. 67058
Ueda, H. *see* Sakamoto, K. 100183
Ueda, H. *see* Sakamoto, K. 119807
Ueda, K. Calculation of superconducting generator constants by 3-dimensional electromagnetic field analysis 102644
Ueda, K., Inamori, H., Sunaga, H., Koyanagi, K. TMN on a distributed communications node with common platform software 77867
Ueda, K., Suzuki, H., Suda, K., Shinohara, H., Mashiko, K. A 64-bit carry look ahead adder using pass transistor BiCMOS gates 73203
Ueda, K. *see* Aikawa, Y. 85253
Ueda, K. *see* Inamori, H. 87588
Ueda, K. *see* Ishikawa, T. 67989
Ueda, K. *see* Kabuo, H. 61946
Ueda, K. *see* Kabuo, H. 93477
Ueda, K. *see* Kaminskii, A.A. 76153
Ueda, K. *see* Kaminskii, A.A. 76154
Ueda, K. *see* Liu, A. 107140
Ueda, K. *see* Nishioka, H. 116640
Ueda, K. *see* Song, J. 116451
Ueda, K. *see* Sunaga, H. 87589
Ueda, K. *see* Umeda, A. 119889
Ueda, M. *see* Elsadek, H. 96845
Ueda, M. *see* Hashimoto, K. 104672
Ueda, M. *see* Hirasawa, N. 95330
Ueda, M. *see* Lawu, T. 90855
Ueda, M. *see* Matsuzaki, T. 109014

Ueda, M. *see* Nagamachi, S. 72951
Ueda, M. *see* Ohya, Y. 113404
Ueda, M. *see* Yamanishi, M. 64964
Ueda, N. *see* Tomita, Y. 72279
Ueda, N. *see* Tomita, Y. 106113
Ueda, S. *see* Inazaki, K. 109653
Ueda, S. *see* Korechika, T. 122056
Ueda, S. *see* Nawa, K. 92206
Ueda, S. *see* Onozuka, M. 94162
Ueda, S. *see* Seki, M. 109915
Ueda, T., Neo, S., Funabashi, T., Hagiwara, T., Watanabe, H. Flashover model for arcing horns and transmission line arresters 111677
Ueda, T., Neo, S., Sugimoto, T., Funabashi, T., Takeuchi, N. An improved transformer model for transfer voltage study 112036
Ueda, T., Shozawa, T. Effects of a nonuniform beam velocity in a Cherenkov laser 116579
Ueda, T., Yano, K. Multilevel interconnection technology without via-hole mask (maskless pillar process) 63440
Ueda, T. *see* Kanda, T. 72263
Ueda, T. *see* Kozawa, T. 89681
Ueda, T. *see* Seki, Y. 118328
Ueda, T. *see* Uesaka, M. 69612
Ueda, T. *see* Yamada, J. 89494
Ueda, T. *see* Yamanaka, S. 79632
Ueda, Y., Mogami, T., Ohyama, O., Fujimoto, T., Ikeda, T. Electric power switchgear (ME type) delivered to Ueda substation of Hokuriku Shinkansen, Japanese Railway Construction Public Corporation 122033
Ueda, Y. *see* Namatame, H. 79426
Ueda, Y. *see* Nishimura, J. 106777
Ueda, Y. *see* Ohashi, T. 99891
Ueda, Y. *see* Okamoto, S. 81089
Ueda, Y. *see* Okamoto, S. 81090
Ueda, Y. *see* Onozuka, M. 94162
Ueda, Y. *see* Takahata, K. 113814
Ueda, Y. *see* Takase, F. 111914
Ueda, Y. *see* Taki, A. 100242
Ueda, Y. *see* Taniguchi, M. 62718
Uedaira, S. *see* Okamoto, K. 106605
Uede, T. *see* Bohno, T. 103051
Uede, T. *see* Satow, T. 95514
Uede, T. *see* Yamada, S. 102176
Uedono, A., Kitano, T., Watanabe, N., Moriya, T., Kawano, T., Tanigawa, S., Suzuki, R., Ohdaira, T., Mikado, T. Effects of recoil-implanted oxygen on depth profiles of defects and annealing processes in P^+-implanted Si studied using monoenergetic positron beams 63243
Ueguchi, T., Shimxu, K., Tamura, S., Ikezoe, J., Nakamura, H. Wavelet transform for information compression 66791
Ueguchi, T. *see* Shimizu, K. 70033
Ueha, S. *see* Hu, J. 91567
Ueha, S. *see* Ishii, T. 91565
Ueha, S. *see* Koike, Y. 88970
Ueha, S. *see* Morikawa, R. 69516
Ueha, S. *see* Morikawa, R. 88968
Ueha, S. *see* Nakamura, K. 95301
Ueha, S. *see* Umeda, M. 84709
Ueha, S. *see* Yamazaki, T. 91566
Uehara, G. *see* Kazami, K. 106687
Uehara, G. *see* Kazami, K. 110094
Uehara, G. *see* van Duuren, M.J. 115947
Uehara, G. *see* Yamasaki, S. 84894
Uehara, G.T. *see* Danfeng Xu 73579
Uehara, H., Miyara, A., Ikegami, Y., Nakaoka, T. Performance analysis of an OTEC plant and a desalination plant using an integrated hybrid cycle 81359
Uehara, H., Miyawaki, N. 16 Mbit DRAM with high-speed data access mode 73329
Uehara, H., Sasase, I. Coherence multiplexed/subcarrier multiplexing (CM/SCM) lightwave system for microcellular mobile communications 78746
Uehara, H. *see* Asano, M. 99536
Uehara, H. *see* Gamachi, Y. 87372
Uehara, H. *see* Gamachi, Y. 99525
Uehara, H. *see* Sato, K. 109650
Uehara, I. *see* Kuriyama, N. 71659
Uehara, I. *see* Kuriyama, N. 91721
Uehara, K., Hirota, K. Fuzzy inference based on a weighted average of fuzzy sets and its application to ATM network control 98567
Uehara, K., Seki, T., Kagoshima, K. Indoor propagation calculation taking into account antenna patterns using geometrical optics method 87691
Uehara, K. *see* Maruyama, T. 66109
Uehara, K. *see* Yoshino, T. 76026
Uehara, M. The emergent approach to object allocation in computational field 67838
Uehara, N. *see* Kaminskii, A.A. 76153
Uehara, T., Majima, K., Ogawa, S. A study on equalization for reproduced signal distortion caused by nonlinear magnetic transition shift in magnetic recording 109937
Uehara, T. *see* Mikami, S. 119439
Uehara, T. *see* Takeda, K. 80862
Uehara, Y., Yamada, K., Kanai, H. AMR effect in spin-valve structure 115606
Uehigashi, K.-I., Yoshida, Y., Maemura, K., Nakamura, Y., Okamoto, H., Watanuki, S. 64-bit RISC microprocessor V_R4300/V_R4100 73451
Uehiro, M., Rao, Y.F., Fukuda, K. Linear stability analysis on instabilities of in-phase and out-of-phase modes in boiling water reactors 121316
Uejyou, T. *see* Hikihara, T. 81974
Uekawa, A. *see* Asano, H. 100328
Ueki, M. *see* Fukano, H. 116546
Ueki, M. *see* Saeki, T. 82028
Ueki, T., Kawata, Y., Kawata, S. Three-dimensional optical bit-memory recording and reading with a photorefractive crystal: analysis and experiment 64634
Ueki, T. *see* Itsumi, M. 94772
Uekiyo, N. *see* Makihara, Y. 90786
Uekubo, M. *see* Oku, T. 114811
Uekubo, Y. *see* Maekawa, H. 102917
Uekusa, S. *see* Kobayashi, N. 104028
Uekusa, S.-I. *see* Iida, T. 114621
Ueltschi, A., Bunke, H. Model-based recognition of three-dimensional objects from incomplete range data 98205
Uematsu, H. *see* Naito, A. 99695
Uematsu, H. *see* Watanabe, Y. 98629
Uematsu, I. *see* Yamaguchi, I. 61397
Uematsu, M., Fukui, T., Shioda, A., Tokumitsu, H., Takai, K., Kojima, T., Asai, Y., Kusano, S. A dual computed tomography linear accelerator unit for stereotactic radiation therapy: a new approach without cranially fixated stereotactic frames 110884
Uematsu, M. *see* Hirokawa, J. 76644
Uematsu, T. *see* Nagayoshi, H. 105621
Uematsu, Y. *see* Koganezawa, S. 115797
Uematsu, Y. *see* Mutoh, H. 115799
Uemiya, T. *see* Hattori, Y. 76229
Uemiya, T. *see* Miyai, K. 81710
Uemoto, E. *see* Muneyasu, M. 87191
Uemura, A., Ohkita, A., Inaba, H., Hasegawa, S., Nakashima, H. Effects of Si reconstruction on growth mode in Al/Si(111) studied by scanning tunneling microscopy 92714
Uemura, K. *see* Fudo, H. 71222
Uemura, K. *see* Omata, T. 120963
Uemura, S. *see* Eguchi, N. 111567
Uemura, T., Baba, T. First demonstration of a planar-type surface tunnel transistor (STT): lateral interband tunnel device 63573
Uemura, T. *see* Kamigaki, Y. 114823
Uemura, T. *see* Ogitsu, T. 100449
Uen, T.M. *see* Hsieh, M.C. 64503
Uen, T.M. *see* Hwang, C.S. 69455
Uen, T.M. *see* Hwang, C.S. 96996
Ueng, H.Y. *see* Hwang, H.L. 94716
Ueng, T.S., Hsu, K.T., Fang, C.S., Chang, Y.M., Lin, K.K. Turn-by-turn beam position measurement for 1.3 GeV booster synchrotron 100559
Ueng, T.S., Hsu, K.T., Hwu, K.H., Lin, K.K. The closed orbit measurement of SRRC booster during ramping 100548
Ueng Fang-Biau *see* Fang-Biau Ueng
Uenishi, Y., Honma, K., Nagaoka, S. Tunable laser diode using a nickel micromachined external mirror 76021
Ueno, A. *see* Ishiguro, H. 75416
Ueno, H., Yamakawa, S., Hamaguchi, C., Miyatsuji, K. Monte Carlo simulation of HEMT 63798
Ueno, H. *see* Fujii, A. 96017
Ueno, H. *see* Komine, K. 84737
Ueno, H. *see* Noge, S. 104112
Ueno, H. *see* Tamura, T. 80082
Ueno, H. *see* Tamura, T. 101026
Ueno, H. *see* Yamamoto, O. 81791
Ueno, K., Ohto, K., Tsunenari, K. Cu damascene interconnection technology 74634
Ueno, K., Seki, Y. Orientation dependence of thermal oxidation rates in 6H-SiC 105716
Ueno, K., Urushidani, T., Hashimoto, K., Seki, Y. The guard-ring termination for 6H-SiC Schottky barrier diodes 105885
Ueno, K. *see* Aronstein, D. 69717
Ueno, K. *see* Kichimi, H. 69718
Ueno, K. *see* Yamada, H. 61260
Ueno, M., Kaneda, O., Ishikawa, T., Yamada, K., Yamada, A., Kimata, M., Nunoshita, M. Monolithic uncooled infrared image sensor with 160×120 pixels 69302
Ueno, M. *see* Isobe, T. 109225
Ueno, M. *see* Kai, K. 109226
Ueno, M. *see* Murakami, H. 73300
Ueno, M. *see* Tamura, J. 121453
Ueno, N., Kaneko, M., Svinin, M. Theoretical and experimental investigation on dynamic active antenna 85969
Ueno, N. *see* Svinin, M.M. 79364
Ueno, R. *see* Abiko, H. 84594
Ueno, S. Computational electromagnetics in biomedical physics 101238
Ueno, S., Yamazaki, A., Hosokawa, T. Bending of aluminum extrusion [automobile manufacture] 112878
Ueno, S. *see* Matsubayashi, A. 63833
Ueno, S. *see* Oda, H. 83122
Ueno, T. *see* Koganezawa, S. 115797
Ueno, T. *see* Leung, W.H. 89570
Ueno, T. *see* Migitaka, S. 105810
Ueno, T. *see* Senzaki, J. 104106
Ueno, T. *see* Takahashi, C. 78489
Ueno, T. *see* Takaishi, K. 63978
Ueno, T. *see* Tanimoto, H. 73547
Ueno, T. *see* Uchino, S.-I. 105794
Ueno, Y. Temperature-compensated crystal oscillators 82997
Ueno, Y. A QoS prediction management system in distributed multimedia networks 109253
Ueno, Y., Ohta, C., Yamamoto, H., Okada, H., Ikeda, H. Rate-based congestion control with little influence of the number of virtual channels 98362
Ueno, Y. *see* Aboshi, M. 81978
Ueno, Y. *see* Ricci, V. 94561
Ueno, Y. *see* SeokBeom Kim 95416
Uenohara, H., Takahashi, R., Kawamura, Y., Iwamura, H. Static and dynamic response of multiple-quantum-well voltage-controlled bistable laser diodes 65286
Uenoya, T. Acoustic emission analysis on interfacial fracture of laminated fabric polymer matrix composites 61485
Uenoyama, T. *see* Suzuki, M. 107240
Uenoyama, T. *see* Suzuki, M. 107338
Ueoka, I. *see* Mishima, T. 95702
Ueoka, T. *see* Tsujino, J. 101618
Ueoka, T. *see* Tsujino, J. 101620
Uesaka, H. *see* Hirata, S. 68272
Uesaka, H. *see* Nishi, T. 78625
Uesaka, M., Hakuta, K., Miya, K., Aoki, K., Takahashi, A. Eddy current testing by upgraded microloop magnetic sensor array 71082
Uesaka, M., Kozawa, T., Kobayashi, T., Ueda, T., Miya, K. Generation and application of high brightness subpicosecond electron single bunch 69612
Uesaka, M., Takeshita, A., Yoshida, Y., Miya, K. AC magnetic property in high Tc superconducting flywheel 91775
Uesaka, M. *see* Kitsuta, K. 113586
Uesaka, M. *see* Kozawa, T. 89681
Uesaka, M. *see* Ninomiya 64569
Uesaka, T. *see* Okamura, H. 119991
Uesaka, Y., Terao, Y., Ugawa, Y., Yumoto, M., Hanajima, R., Kanazawa, I. Magnetoencephalographic analysis of cortical myoclonic jerks 110798
Uestuener, K. *see* Frey, U. 95441
Uesu, Y., Kurimura, S., Aoyama, T., Kubota, E. Recent development of optical novelty filter and dynamics of optical novelty filter with use of the CAT-type self-pumped phase conjugate mirror 116193
Uesu, Y., Kurimura, S., Yamamoto, Y. New nonlinear optical microscope and its application to the observation of ferroelectric domain structure 107567
Uesu, Y. *see* Horiuchi, N. 107569
Uesu, Y. *see* Kuroda, A. 106331
Uesugi, F. *see* Nishiyama, I. 115035
Uesugi, K., Suzuki, H., Nashiki, H., Obinata, T., Kumano, H., Suemune, I. Initial growth processes of ZnSe on cleaned GaAs(001) surfaces by metalorganic vapor phase epitaxy 103833
Uesugi, M., Futagi, S., Homma, K. Interference cancellation method using DFE 109561
Uesugi, M. *see* Tanoi, S. 61998
Uesugi, M. *see* Tanoi, S. 93540
Uesugi, N. *see* Nishikawa, T. 107534
Ueta, T. Boundary element method for electron waves in uniform magnetic fields 62950
Ueta, T. *see* Kousaka, T. 113708
Uetani, T. *see* Bessho, Y. 65252
Uetsuka, H., Hakuta, T., Okano, H., Shiota, T. Novel asymmetric Y-branches for planar lightwave circuits 78806
Ueyama, M., Ohkura, K., Hayashi, K., Kobayashi, S., Muranaka, K., Hikata, T., Saga, N., Hahakura, S., Sato, K. Development of Ag-sheathed Bi(2223) superconducting wires and coils 115896
Ueyama, M., Ohkura, K., Kobayashi, S., Muranaka, K., Kaneko, T., Hikata, T., Hayashi, K., Sato, K. 2.1 Tesla HTSC magnet cooled by refrigerator 84922
Ueyama, T. *see* Fujisaki, K. 103034
Ueyama, T. *see* Nose, H. 89247
Ueyama, T. *see* Wajima, K. 115880
Ueyama, Y. *see* Yonehara, H. 89802
Uezato, K., Kamifurutono, H., Senjyu, T. Robust position control for DC servo motors using adaptive gain law 71340
Uezato, K. *see* Senju, T. 71199
Uezato, K. *see* Senjyu, T. 70695
Uezato, K. *see* Senjyu, T. 71310
Uezato, K. *see* Senjyu, T. 71368
Uezato, K. *see* Senjyu, T. 80890
Uezato, K. *see* Senjyu, T. 81500
Uezato, K. *see* Senjyu, T. 91550
Uezato, K. *see* Senjyu, T. 121508
Uezato, K. *see* Senjyu, T. 121782
Uezono, T. *see* Kondo, B.K. 85804
Uffelen, J.W.M.van *see* van Uffelen, J.W.M.
Ufford, D.A. Leveraging commonalities between DFE and DFM/A [environmental design] 72232
Ufford, D.A., McKelvey, B.L. Implementing design for the environment at Texas Instruments Defence Systems and Electronics business 60735
Ufford, D.A. *see* McKelvey, B.L. 60761
Ufimtsev, A.G. *see* Huang, H. 119985
Ufimtsev, N.I. *see* Zagidullin, M.V. 107061
Ufimtsev, N.I. *see* Zagidullin, M.V. 116323
Ufimtsev, P.Y. Primary shadow radiation and classical models of black bodies 68601
Ufimtsev, V.B. *see* Zagumennyi, A.I. 96216
Ug Kim Gyu *see* Gyu Ug Kim
Ugai, Y., Yukawa, T., Hatta, Y., Aoki, S. Reduced process method for Thin-Film-Transistor Liquid-Crystal display (TFT-LCD) with Dry-Etching tapered ITO data bus lines 106872

Ugajin, R. Quasiresonance due to electron-electron interaction in coupled quantum dots 62936
Ugawa, Y. *see* Uesaka, Y. 110798
Uggerhoj, E. *see* Dehning, B. 79949
Ughetti, M. *see* Suino, D. 64691
Ugi, S. *see* Burghardt, B. 110998
Uglesic, I., Babuder, M., Grgic, D. Transient temperature behaviour of the MO surge arrester aged by repeated application of current impulses and analyzed by means of computer aided thermal modelling 81170
Uglesic, I. *see* Bojic, S. 111687
Ugnell, H. *see* Mekuria, F. 101052
Ugozhayev, V.D. *see* Gulev, V.S. 107208
Ugrinovic, K. Detection of sophisticated underwater signal 79024
Ugrinovsky, R. A parametric set of nonlinear methods of spectral estimations 86249
Ugurbil, K. *see* Seong-Gi Kim 90383
Uhde, H. *see* Lehmann, A. 108938
Uherek, F. *see* Kovac, J. 100046
Uherek, F. *see* Kovacik, A. 106971
Uherka, K.L. *see* Mulcahy, T.M. 95617
Uhl, A. Image compression using non-stationary and inhomogeneous multiresolution analyses 77369
Uhl, A. Adaptive wavelet image block coding 87164
Uhl, A. Parallel compact coding of satellite images with wavelet packets using PVM 98330
Uhl, D. *see* Schambach, J. 95508
Uhl, M., Kubler, J. Exchange-coupled spin-fluctuation theory: application to Fe, Co, and Ni 84796
Uhlig, S. Optimum two-way nested designs for estimation of variance components 92384
Uhlin, T. *see* Eklundh, J.-O. 87141
Uhlin, T. *see* Nordlund, P. 77207
Uhlisch, D., Kupriyanov, M.Yu., Golubov, A.A., Appenzeller, J., Klocke, T., Neurohr, K., Ustinov, A.V., Braginski, A.I. Magnetoresistance of a lateral contact to a two-dimensional electron gas 105455
Uhlmann, D.R. *see* Denesuk, M. 121839
Uhlmann, F.H. *see* Hildebrandt, G. 64537
Uhlmann, F.H. *see* Hildebrandt, G. 64547
Uhlmann, F.H. *see* Mader, G. 65627
Uhlmann, F.H. *see* Toepfer, H. 95482
Uhlmann, J.K. General data fusion for estimates with unknown cross covariances 117357
Uhlmann, M. Active phased array antenna for SSR mode S operations 66130
Uhlmann, M. Wideband interferometer system for ESM applications 80735
Uhm, H.S. Analytical theory of prepulsed electron beam propagating through a drift tube 65712
Uhm, H.S. The resistive-wall klystron as a high-power microwave source 94185
Uhm, H.S. Operating conditions of high-power relativistic klystron 94186
Uhm, H.S. A nonlinear theory of premodulated electron beam propagating through a helix-loaded waveguide 110486
Uhm, M., Shishlov, A., Park, K. Offset-paraboloid geometry: relations for practical use 85994
Uhm Yongwoong *see* Kim Changbae 65375
Uhrhan, C. *see* Wang, H.B. 101431
Uhrig, R.E. *see* Bartal, Y. 81490
Uhrig, R.E. *see* Jie Lin 81205
Uhrig, R.E. *see* Xinqing, L. 121291
Uhrin, R., Profumo, F. Stand-alone AC/DC converter for multiple inverter applications 121575
Ui Wei Teok *see* Giam Kim Toh 92168
Ui-Seok Hong *see* Joo-Yeol Lee 104867
Uijen, C.M.J.Van *see* Van Uijen, C.M.J.
Uji, T. *see* Huang, Y. 65341
Uji, T. *see* Huang, Y. 65365
Ujihara, K., Enomoto, T., Okada-Shudo, Y. Nonconformity of planar microcavity dye lasers with Schawlow-Townes law 116390
Ujiie, H. *see* Kanno, T. 66182
Ujiie, K. *see* Ohtsu, S. 107950
Ujiie, M. *see* Kurokawa, Y. 73454
Ujiie, N., Tauchi, T., Takahashi, T., Teramoto, Y. Muon trigger system in the TOPAZ detector 69853
Uk Choi Byung *see* Choi Byung Uk
Uk Kwon Hyung *see* Hyung Uk Kwon
Uk Lee Dong *see* Dong Uk Lee
Uk Lee Sang *see* Sang Uk Lee
Uk-Youl Huh, Jin-Hwan Kim MIMO fuzzy model for boiler-turbine systems 121353
Uk-Youl Huh, Tae-Gyoo Lee Fuzzy logic based switching angle controller for SR motor speed control 71278
Ukai, Y., Niki, N., Satoh, H., Watanabe, S., Ohmatsu, H., Eguchi, K., Moriyama, N. An algorithm for coronary calcification diagnosis based on helical CT images 101265
Ukishima, S. *see* Aiping Wu 75742
Ukishima, S. *see* Herminghaus, S. 106850
Ukishima, S. *see* Wu Aiping 85258
Ukita, A., Karwowski, W., Salvendy, G., Wookgee Lee, Zurada, J. Automated tuning of an electronic circuit board using the artificial neural network approach 94104
Ukita, H. *see* Higurashi, E. 106270
Ukita, H. *see* Muramatsu, K. 75281
Ukita, M. *see* Chuang, S.L. 106999
Ukita, M. *see* Haraguchi, Y. 93353
Ukraintsev, V.A., Yates, J.T., Jr. Nanosecond laser induced single atom deposition with nanometer spatial resolution using a STM 106253
Ukuda, H. *see* Tao, X.T. 76253
Ul Haq, S.M. *see* Ogiwara, H. 112610
Ul Haq Tanveer *see* Tanveer Ul Haq
Ula, A.H.M.Sadrul *see* Sadrul Ula, A.H.M.
Ulaby, F. *see* Stiles, J.M. 111322
Ulaby, F.T., Siquera, P., Nashashibi, A., Sarabandi, K. Semi-empirical model for radar backscatter from snow at 35 and 95 GHz 111280
Ulaby, F.T. *see* Chiu, T. 120843
Ulaby, F.T. *see* Dobson, M.C. 120707
Ulaby, F.T. *see* Kellndorfer, J.M. 120708
Ulander, L.M.H. Radiometric slope correction of synthetic-aperture radar images 111162
Ulander, L.M.H., Frolund, P.O. Ultra-wideband and low-frequency SAR interferometry 120686
Ulander, L.M.H., Hellsten, H. A new formula for SAR spatial resolution 68560
Ulbrich, M. *see* Gross, H. 101061
Ulbrich, U. *see* Christoph, M. 80653
Ulbricht, A. *see* Darweschsad, M. 95517
Ulbricht, A. *see* Heller, R. 91186
Ulbricht, A. *see* Libeyre, P. 95518
Ulbricht, A. *see* Miri, A.M. 106706
Ulbricht, A. *see* Sihler, C. 95587
Ulbricht, A. *see* Sihler, C. 106717
Ulbricht, C. *see* Eckardt, T. 118235
Ulbricht, M. *see* Hoffstadt, A. 96192
Ulema, M., Roder, P. A new anchor radio system handover method for personal access communications system (PACS) 78498
Ulema, M. *see* Akyildiz, I.F. 88278
Ulema, M. *see* Varma, V.K. 109461
Uler, F. *see* Mohammed, O.A. 110485
Uler, F.G. *see* Mohammed, O.A. 107802
Uler, G.F., Mohammed, O.A. Ancillary techniques for the practical implementation of GAs to the optimal design of electromagnetic devices 65728
Uleri, C. *see* Fiorino, C. 80526
Uleri, C. *see* Fiorino, C. 101449
Ulichney, R. Filter design for Void-and-Cluster dither arrays 87223
Ulici, A. *see* Ciumbulea, G. 107705
Ulici, A. *see* Galan, N. 102678
Ulieru, D. The contamination control for ultrapure chemicals from microelectronics fab 63495
Ulieru, D.G. The new contributions at automated processing of different photoresists for microelectronics fab 105815
Ulieru, M. Approximate reasoning approaches for diagnostic decision vis-a-vis probabilistic and possibilistic techniques 103512
Ulimov, V.N. *see* Emelianov, V.V. 74739
Ulimov, V.N. *see* Emelianov, V.V. 106017
Ulin, V.P. *see* Antipov, V.G. 104061
Ulkusal, Y. *see* Erkut, E. 82494
Ullah, Z., Burford, B., S, D. Fast intelligent battery charging: neural-fuzzy approach 81538
Ullakko, K., Yakovenko, P.G., Gavriljuk, V.G. New developments in actuator materials as reflected in magnetically controlled shape memory alloys and high-strength shape memory steels 104185
Ullal, H. *see* Basol, B.M. 104093
Ullal, H.S. *see* Stone, J.L. 111840
Ullaland, K. Design of a VLSI mixed analogue and digital modular ASIC processor for capacitance tomography 101374
Ullaland, O. *see* Adam, W. 69709
Ullate, L.G. *see* Fritsch, C. 111394
Ullate, L.G. *see* San Emeterio, J.L. 120681
Ulleryd, J. *see* Woodford, D.A. 91118
Ullmann, H. *see* Vinet, F. 63491
Ullmo, D. *see* Richter, K. 105280
Ullrich, B., Zerlauth, S., Kobayashi, T. All-optical bistability of ZnSe films on quartz 76238
Ullrich, C.P. *see* Falco Korn, C. 92570
Ullrich, M., Leenders, A., Freyhardt, H.C. Influence of thermal cycling on the levitation force of melt-textured YBaCuO 64501
Ullrich, T. *see* Agakichiev, G. 69736
Ullrich, T. *see* Faschingbauer, U. 110557
Ulm, G. *see* Hartmann, R. 89070
Ulm, G. *see* Hartmann, R. 110541
Ulm, G. *see* Lau-Frambs, A. 89083
Ulm, G. *see* Rabus, H. 110624
Ulm, J.M. *see* Grobicki, C. 118140
Ulman, S.A., Vyas, B.D., Puniyani, R.R. Development of prosthetic aortic heart valves 120528
Ulmer, C. *see* Garg, V. 73907
Ulmer, F. *see* Elliott, S. 118322
Ulmer, J. *see* Folk, T. 83397
Ulmer, L. *see* Lerme, M. 84227
Ulmer, M. *see* Rippert, E.D. 64561
Ulmer, M.P. *see* Kung, P. 100008
Ulmer, M.P. *see* Song, S.N. 110627
Ulmer, W.C. *see* Businger, S. 80625
Ulmer-Tuffigo, H., Kany, F., Feuillet, G., Langer, R., Bleuse, J., Pautrat, J.L. Magnetic tuning of resonance in semimagnetic semiconductor microcavities 76079
Ulmer-Tuffigo, H., Kany, F., Hartmann, J.M., Feuillet, G., Pautrat, J.L. Spectroscopic observation of magnetic MnTe submonolayer insertions in II-VI heterostructures 62818
Ulrich, D.C., Elston, S.J. Multi-dimensional switching and low-dimensional modelling in ferroelectric liquid crystals 75028
Ulrich, D.C., Elston, S.J. The effects of ionic fields and previous switched states on domain formation in pulse addressed ferroelectric liquid crystal cells 95868
Ulrich, F. *see* Peeters, R. 118654
Ulrich, J., Zengerle, R. Static and dynamic flow simulation of a KOH-etched microvalve using the finite-element method 84645
Ulrich, R., Dulz, W. OSSCAR–Object oriented simulation of slotted communication architectures 87971
Ulrich, R., Rajan, S. Temperature profiles for MCM-D flip chip assemblies at cryogenic conditions 104974
Ulrich, R. *see* Gnewuch, H. 95733
Ulrichs, C. *see* Stiebig, H. 100020
Ulrych, B. *see* Mayer, D. 75038
Ulrych, B. *see* Mayer, D. 85803
Ulrych, I. *see* El-Kader, K.M.A. 94319
Ulsoy, A.G. *see* LeBlanc, D.J. 71863
Ultre, V., Macaire, L. Multispectral edge detection by relaxation algorithm 66998
Ultsch, A., Guimaraes, G., Schmid, W. Classification and prediction of hail using self-organizing neural networks 111222
Ulyanov, Yu.N. *see* Saldin, E.L. 96550
Ulyanov, Yu.N. *see* Saldin, E.L. 107393
Ulyanova, T.M., Titova, A.V., Krut'ko, N.P., Zub, E.M. Piezoelectric composite with fiber filler 115415
Ulyashin, A. *see* Yang Zongquan 95444
Um Ki Young *see* Ki Young Um
Umamaheswaran, R., Narayana Moorthy, N., Veeraraghavan, P.S. Noise reduction techniques in pulse width modulated inductive switching systems of PSLV 80539
Uman, M.A. *see* Rakov, V.A. 65882
Umansky, V. *see* Messica, A. 105397
Umapathi, B., Kal, S., Lahiri, S.K. Growth and characterization of ion-beam-deposited poly-crystalline Si-Ge films 104141
Umaprakatheeswaran, C. *see* Paruthimal Kalaignan, G. 112275
Umasuthan, M., Wallace, A.M. Outlier removal and discontinuity preserving smoothing of range data 86306
Umayabashi, M., Takemori, K., Shiokawa, S., Sasase, I. Performance analysis of input and output queueing packet switch with backpressure mode and queue loss mode 98431
Umbach, A. *see* Arps, M. 106058
Umbach, A. *see* Bach, H.-G. 63763
Umbach, A. *see* Bottcher, E.H. 100037
Umbach, A. *see* Schlaak, W. 96070
Umbach, A. *see* Schramm, C. 78655
Umbach, A. *see* Unterborsch, G. 100043
Umbach, C.C. *see* Tanaka, S. 94791
Umbricht, N. *see* Wu, W. 96929
Ume, C. *see* Chiayu Fu 112882
Ume, C. *see* Stiteler, M.R. 114439
Umeda, A., Ueda, K., Usuda, T. Measurement of dynamic mechanical properties in microstructures by impact 119889
Umeda, A. *see* Akasaka, Y. 78819
Umeda, H. *see* Teramoto, A. 73336
Umeda, K., Ikushima, K., Arai, T. Fusion of range image and intensity image for 3D shape recognition 77528
Umeda, M., Nakamura, K., Ueha, S. Analysis of the transformation of mechanical impact energy to electric energy using piezoelectric vibrator 84709
Umeda, M. *see* Abe, K. 95291
Umeda, M. *see* Tsukamoto, O. 95450
Umeda, N. *see* Nakano, E. 68067
Umeda, S. *see* Ando, D. 115465
Umeda, S. *see* Shinmoto, T. 102161
Umeda, T., Sakakibara, K., Kasahara, M. Notes on the average binary weight enumerator of generalized algebraic-geometric codes 117170
Umeda, T., Yoshihara, K., Konno, M., Kaminishi, K., Hirakawa, K. A 1.4 Gb/s 12-channel parallel laser diode driver IC for optical interconnections 73518
Umeda, T. *see* Sano, Y. 69282
Umeda, Y., Enoki, T., Osafune, K., Ito, H., Ishii, Y. InAlAs/InGaAs/InP-HEMT technologies for high yield analog/digital ICs 83251
Umeda, Y., Osafune, I., Enoki, T., Ito, N., Ishii, Y. SCFL static frequency divider using InAlAs/InGaAs/InP HEMTs 93292
Umeda, Y. *see* Hayashi, H. 83438
Umeda, Y. *see* Imai, Y. 78839
Umeda, Y. *see* Imai, Y. 104877
Umeda, Y. *see* Karashima, A. 61930
Umeda, Y. *see* Kimura, S. 113775
Umeda, Y. *see* Nakamura, M. 99484
Umegaki, S. *see* Ko, S.-T. 85623
Umegaki, S. *see* Sassa, T. 107527
Umegaki, S. *see* Tomono, T. 76169
Umegaki, T. *see* Kawada, M. 115702
Umehara, M. *see* Tsuruoka, S. 90416
Umehira, M., Hashimoto, A., Matsue, H. An ATM wireless access system for tetherless multimedia services 67931
Umek, B., Zwitter, M., Habic, H. Total body irradiation with translation method 90582
Umekawa, S., Nitta, A., Tanaka, K., Kusabiraki, M., Maekawa, Y., Aozasa, M. Optical emission spectroscopy of rf-magnetron sputtering plasma for

fabrication of ZnS:Mn active layer in thin-film EL devices 64954
Umeki, H., Mizutani, H. Object recognition by dynamic link matching with multiple blob formation 108601
Umemoto, D.K. *see* Kobayashi, K.W. 62351
Umemoto, D.K. *see* Kobayashi, K.W. 93863
Umemoto, D.K. *see* Kobayashi, K.W. 104880
Umemoto, D.K. *see* Streit, D.C. 84344
Umemoto, Y. *see* Ono, H. 83373
Umemura, E., Kato, K., Fukuda, Y. Design and evaluation technology for electrostatic properties 76336
Umemura, F., Amano, K., Michibata, H., Kimura, A. Microscopical characterization of degraded air electrode of SOFC 81816
Umemura, J. *see* Sawaragi, T. 70467
Umemura, N., Kato, K. Phase-matched UV generation at 0.1774 μm in $KB_5O_8{\cdot}4H_2O$ 107563
Umemura, S. *see* Hayashi, T. 95371
Umemura, S. *see* Hirono, S. 115489
Umemura, T. *see* Abe, K. 95291
Umemura, T. *see* Ozaki, T. 64055
Umemura, T. *see* Yokoyama, S. 95542
Umeno, A. *see* Yanagihara, Y. 110146
Umeno, M., Kato, T., Egawa, T., Soga, T., Jimbo, T. High efficiency AlGaAs/Si tandem solar cell over 20% 103015
Umeno, M. *see* Baskar, K. 113381
Umeno, M. *see* Egawa, T. 96015
Umeno, M. *see* Guang Yuan Zhao 61258
Umeno, M. *see* Guolin Yu 105182
Umeno, M. *see* Hasegawa, Y. 107012
Umeno, M. *see* Maosheng Hao 103831
Umeno, M. *see* Mosaddeq-ur-Rahaman, M. 71712
Umeno, M. *see* Mosaddeq-ur-Rahman, M. 91755
Umeno, M. *see* Soga, T. 82647
Umeno, M. *see* Soga, T. 91749
Umeno, M. *see* Uchida, H. 104022
Umergalina, O.V. *see* Dyakin, V.V. 119884
Umesh, G., Viswanathan, P.S., Noronha, P. An expert system for diagnosis of faults in rotating electrical machines based on vibration analysis 81406
Umesh, G. *see* Suresh, G. 81472
Umesh, S., Tufts, D.W. Estimation of parameters of exponentially damped sinusoids using fast maximum likelihood estimation with application to NMR spectroscopy data 110774
Umeshima, Y. *see* Asada, T. 64143
Umeshima, Y. *see* Ikeda, M. 64145
Umeshita, T. *see* Sekiya, T. 71495
Umetani, K., Duda, C.L., Singer, D.H. Aging effects on cycle length dependence of heart rate variability 70155
Umetani, K. *see* Mehdi, N. 70154
Umetsu, K. *see* Fukuda, T. 92671
Umetsu, K. *see* Wajima, K. 115880
Umezaki, T. *see* Sato, M. 67051
Umezawa, A. *see* Atsumi, S. 73349
Umezawa, H. *see* Ono, M. 100494
Umezawa, T., Fujita, T., Higashino, Y. High T_c superconducting flash A/D converter using planar quasi-one junction superconducting quantum interference devices (SQUIDs) 104619
Umezawa, T. *see* Dobashii, T. 73829
Umezawa, T. *see* Wakiwaka, H. 70554
Umezu, K. *see* Matsuyama, K. 115626
Umfleet, W.E. *see* Low, D.A. 70198
Umiker, B., Peer, A., Truttmann, P.A. The information technology emergency concept as an element of disaster planning. 2. What does an information technology disaster planning project look like? 77855
Umimoto, H., Odanaka, S., Gohda, A. A three-dimensional process simulation using advanced SMART-P program 74813
Ummat, P.K. *see* Palidwar, J.D. 94429
Umnov, A.L. *see* Markov, G.A. 76614
Umoto, I., Sasou, A., Nakamura, S., Horio, Y., Kubota, T. Sub-adaptive piecewise linear quantization for speech signal compression 97610
Umoto, I. *see* Saito, H. 108229
Umoto, J. *see* Inui, Y. 81912
Umoto, J. *see* Inui, Y. 91758
Umoto, J. *see* Ishikawa, M. 71719
Umoto, J. *see* Ishikawa, M. 121904
Umoto, J. *see* Iwashita, T. 112422
Umpelev, A. *see* Lyakhovich, T. 115679
Umyskov, A.F., Zavartsev, Yu.D., Zagumennyi, A.I., Osiko, V.V., Studenikin, P.A. Cr^{3+}:Yb^{3+}:Ho^{3+}:YSGG crystal laser with a continuously tunable emission wavelength in the range 2.84-3.05 μm 85444
Umyskov, A.F., Zavartsev, Yu.D., Zagumennyi, A.I., Osiko, V.V., Studenikin, P.A. Efficient 3-μm Cr^{3+}:Yb^{3+}:Ho^{3+}:YSGG crystal laser 116450
Umyskov, A.F. *see* Zavartsev, Yu.D. 75887
Umyskov, F. *see* Zagumennyi, A.I. 96216
Un, C. *see* Chung, W. 77734
Un, C.K. *see* Jung, H.Y. 76872
Un, C.K. *see* Kim, B.C. 118946
Un, C.K. *see* Kim, D.Y. 97649
Un, C.K. *see* Kim, Y.J. 87294
Un, C.K. *see* Kwon, O.W. 108199
Un, C.K. *see* Lee, J.H. 88132
Un, C.K. *see* Lim, J.S. 77053
Un, C.K. *see* Park, Y.K. 86150
Un, C.K. *see* Park, Y.K. 108231
Un Chong Kwan *see* Chong Kwan Un
Un-Chul Moon *see* Young-Moon Park 80918
Un-Ku Moon, Mastrocola, A., Alsayegh, J., Werner, S. Timing recovery in CMOS using nonlinear spectral-line method 106226
Unal, B., Bayliss, S.C. Electroluminescence and photovoltaic effects of anodically fabricated metal/porous Si/Si sandwich structures based on n-type ultraviolet-porous Si 114800
Unal, B. *see* Alkan, B. 74124
Unal, C.M.H., Ligthart, L.P. Full polarimetric characterization of the FM-CW Delft Research Radar: Experimental results 68676
Unal, O. *see* Zhou, Z.-L. 110536
Unander, F.F. *see* Johansen, T.A. 121277
Unbahauen, R. *see* Gong, L. 82004
Unbehauen, H. *see* Nazaruddin, Y.Y. 111903
Unbehauen, R. *see* Feng, Z. 81072
Unbehauen, R. *see* Gong, L. 101398
Unbehauen, R. *see* Gong, L. 122097
Unbehauen, R. *see* Lukaniszyn, M. 81532
Unbehauen, R. *see* Xiaoning Nie 97788
Unbehaven, R. *see* Hong-Qing Xu 83246
Uncini, A. *see* Benvenuto, N. 118746
Uncini, A. *see* Marchesi, M.L. 93647
Unde, S., Ganu, J., Radhakrishnan, S. Conducting polymer-based chemical sensor: characteristics and evaluation of polyaniline composite films 69105
Undeland, T.M., Lode, J., Nilssen, R., Robbins, W.P., Mohan, N. A single-pass design method for high-frequency inductors 93975
Undeland, T.M. *see* Kamath, G.R. 112581
Undeland, T.M. *see* Myhre, J.C. 92011
Undeland, T.M. *see* Round, S.D. 70844
Undeland, T.M. *see* Yu, Q. 121081
Undem, H.A. *see* Sliva, P. 79460
Underhill, M.J. *see* Tlaskal, O. 114035
Underwood, C. *see* Dyer, C.S. 70328
Underwood, D.G. A review of high energy polarimetry, with a view toward RHIC 119989
Underwood, D.G. *see* Huang, H. 119985
Underwood, G., Underwood, J. Gender differences in children's learning from interactive books 98879
Underwood, I., Burns, D.C., Rankin, I.D., Bennett, D.J., Gourlay, J., O'Hara, A., Vass, D.G. Fabrication issues for silicon backplane active matrix miniature liquid crystal display 79631
Underwood, I. *see* Burns, D.C. 75647
Underwood, I. *see* O'Hara, A. 75616
Underwood, I. *see* O'Hara, A. 85096
Underwood, I. *see* Rankin, I.D. 100212
Underwood, J., Fitzgerald, M., Cassidy, M. Self-directed teams in power electronics manufacturing 60503
Underwood, J. *see* Underwood, G. 98879
Underwood, J.H. *see* Sweatt, W.C. 96835
Underwood, J.S. Data collection on the World Wide Web 118319
Underwood, L. *see* Walker, A.C. 85336
Underwood, M.A. *see* Hamma, G.A. 61511
Underwood, R. *see* England, P. 77969
Underwood, R. *see* Grubauer, W. 81337
Underwood, S.R. *see* Yang, G.Z. 80277
Undery, J.E. *see* Ware, J.A. 87262
Undrill, P., Gupta, R., Henry, S., Downing, M. Texture analysis and boundary refinement to outline mammography masses 80324
Undrill, P.E. *sec* Delibasis, K.K. 90300
Unehara, K. *see* Nakamura, M. 93041
Unekawa, Y., Seki-Fukuda, K., Sakaue, K., Nakao, T., Yoshioka, S., Nagamatsu, T., Nakakita, H., Kaneko, Y., Motoyama, M., Ohba, Y., Ise, K., Ono, M., Fujiwara, K., Miyazawa, Y., Kuroda, T., Kamatani, Y., Sakurai, T., Kanuma, A. A 5 Gb/s 8×8 ATM switch element CMOS LSI supporting five quality-of-service classes with 200 MHz LVDS interface 78296
Unewisse, M.H., Craig, B.I., Watson, R.J., Reinhold, O., Liddiard, K.C. The growth and properties of semiconductor bolometers for infrared detection 79430
Unewisse, M.H., Liddiard, K.C., Craig, B.I., Passmore, S.J., Watson, R.J., Clarke, R.E., Reinhold, O. Semiconductor film bolometer technology for uncooled IR sensors 69149
Unewisse, M.H. *see* Craig, B.I. 83868
Ung Kim Dae *see* Dae Ung Kim
Ung Kim Tae *see* Tae Ung Kim
Ungar, J. *see* Chen, T.R. 65215
Ungar, J. *see* Chen, T.R. 65260
Ungaro, N. *see* Beraldi, R. 118838
Ungarsohn, K. Verbatim transcripts for technical communication 103382
Unger, C. *see* Rutzen, W. 75485
Unger, C. *see* Stocklein, W. 68952
Unger, G.J. *see* Ziegler, J.F. 72394
Unger, H. *see* Spring, A. 66759
Unger, H.-G. *see* Nikolov, Z. 95919
Unger, P. *see* Zheng Dai 65290
Unger, R.A. *see* Purvis, B.D. 120604
Unger, R.L. *see* Gallagher, S. 71965
Unger, S. *see* Boness, R. 64708
Ungerboeck, G. *see* Cherubini, G. 66215
Ungerboeck, G. *see* Cherubini, G. 77954
Ungerechts, S. *see* Lakner, H. 94470
Ungerer, T. *see* Grunewald, W. 113966
Ungueanu, M., Ioan, S. Computer modelling and simulation of the high frequency disturbing processes for low voltage consumers applied in power system training and education 112801
Ungureanu, D. *see* Van Gool, L. 67272
Ungureanu, M. *see* Albert, H. 101793
Ungureanu, M. *see* Albert, H. 101794
Ungvichian, V., Kopp, M.B. Crosstalk in coupled microstrip lines due to substrate permittivity and S/h ratios 65922
Union, P. *see* Massart, M. 106750
Unlu, F. *see* Kuo, Y.-K. 75885
Unlu, M.S., Goldberg, B.B., Herzog, W.D., Ghaemi, H.F., Towe, E. Layer composition and mode structure analysis of heterojunction laser diodes by near field scanning optical microscopy 65269
Unluturk, M.S., Saniie, J. Deconvolution neural networks for ultrasonic testing 104209
Unnebrink, L. *see* Henning, T. 107639
Unnikrishnan, A.K. *see* Joshi, D.P. 81432
Unnikrishnan, P.C. *see* Murthy, K.V.V. 104286
Unnikrishnan, S. *see* Wang, C.-L. 94777
Unno, H., Imai, K. Thin-SOI process using bonding and etch-back method without epitaxial growth 63156
Unno, Y., Kohriki, T., Kendo, T., Iwasaki, H., Terada, S., Takahata, M., Tamura, N., Maeohmichi, H., Ohmoto, T., Yoshikawa, M., Ohyama, H., Handa, T., Iwata, Y., Ohsugi, T., Haber, C., Siegrist, J., Spieler, H., Dubbs, T., Grillo, A., Hubbard, B., Kashigin, S., Kroeger, W., Noble, K., O'Shaughnessy, K., Pulliam, T., Rowe, W.A., Sadrozinski, H.F.-W., Seiden, A., Spencer, E., Webster, A., Wichmann, R., Wilder, M., Takashima, R. Characterization of an irradiated double-sided silicon strip detector with fast binary readout electronics in a pion beam 80035
Unno, Y., Kohriki, T., Kondo, T., Iwasaki, H., Terada, S., Takahata, K.M., Tamura, N., Maeohmichi, H., Ohmoto, T., Yoshikawa, M., Ohyama, H., Handa, T., Iwata, Y., Ohsugi, T., Haber, C., Siegrist, J., Spieler, H., Dubbs, T., Grillo, A., Kashigin, S., Kroeger, W., Noble, K., Pulliam, T., Rowe, B., Spencer, E., Sadrozinski, H.F.W., Wilder, M., Takashima, R. Characterization of double-sided silicon strip detector with fast binary readout electronics using pion beams 100858
Unno, Y. *see* Dubbs, T. 80026
Unno, Y. *see* Dubbs, T. 100839
Unno, Y. *see* Dubbs, T. 100849
Unno, Y. *see* Kohriki, T. 80039
Unno, Y. *see* Suzuki, A. 73352
Uno, A., Watanabe, T., Kamada, H., Izumi, K. Multimedia display PC-TM151 69390
Uno, H. *see* Ogita, K. 91957
Uno, K., Noda, S., Sasaki, A. Photoluminescence and photoluminescence excitation spectra of AlAs/GaAs disordered superlattices with various disordered lengths 74435
Uno, M. *see* Funakubo, K. 79316
Uno, M. *see* Ohtomo, T. 100233
Uno, N. *see* Chibe, H. 102601
Uno, N. *see* Yoshitomi, J. 84871
Uno, S., Hashizume, T., Sato, T., Hasegawa, H. Fabrication of high-performance InP MESFETs with in-situ pulse-plated metal gates 106060
Uno, T. Acoustic wave devices using artificial twin quartz plates 84730
Uno, T. Precise formation technique of x-axis inversion regions on a quartz substrate and its applications to ultrasonic devices 106403
Uno, T. An algorithm for enumerating all directed spanning trees in a directed graph 113118
Uno, T., Tohmon, G., Matsui, Y. Novel 1.3/1.55 μm dual-wavelength receiver having embedded fiber circuit for optical subscriber systems 78672
Uno, T. *see* Imai, M. 87007
Uno, T. *see* Kasai, J. 92215
Uno, T. *see* Mochiki, K. 108565
Uno, T. *see* Noguchi, K. 68231
Uno, T. *see* Noguchi, K. 117024
Uno, T. *see* Shintaku, T. 113312
Uno, T. *see* Tate, A. 82760
Uno, Y., Takahashi, Y., Nakakuki, K., Iguchi, Y., Itaya, S. High density build-up wiring board using via post interconnection 82242
Uno, Y. *see* Shimamoto, S. 95590
Unoh, H. *see* Okamoto, N. 76255
Unold, T. *see* Lips, K. 94409
Unruh, G.R. *see* Cumbest, J.H. 83625
Unser, M. Quasi-orthogonality and quasi-projections 97819
Unser, M. Wavelets, statistics, and biomedical applications 120471
Unser, M. *see* Lee, C. 90341
Unsworth, C. *see* Steeples, C. 78137
Unsworth, J. *see* Sripada, S. 75025
Unterborsch, G., Trommer, D., Umbach, A., Mekonnen, G.G. High-bandwidth 1.55 μm waveguide integrated photodetector 100043
Unterborsch, G. *see* Bach, H.-G. 63763
Unterrainer, K., Heyman, J.N., Craig, K., Galdrikian, B., Sherwin, M.S., Drexler, H., Campman, K., Hopkins, P.F., Gossard, A.C. Nonlinear resonant optical rectification in a coupled quantum well 105399
Unterrainer, K. *see* Murdin, B.N. 62856
Unterwald, F.C. *see* Gossman, H.-J. 63256
Unterwald, F.C. *see* Mogi, T.K. 63004
Unterwald, F.C. *see* Vuong, H.-H. 63251
Unver, Z. *see* Ciloglu, T. 66705
Unverdi, N.O., Canbay, C. Mutual coupling analysis between bent optical fibers 116063
Unverzagt, G. *see* Riensche, E. 81367

Unwin, M. Differential GPS implementation on microsatellites 88401
Unwin, R.T. *see* Greaves, S.D. 62252
Uomi, K. Extremely low threshold 1.3-μm strained-MQW lasers for parallel high-speed optical interconnections 75992
Uomi, K. *see* Kondow, M. 103881
Uomi, K. *see* Nakahara, K. 76019
Uomi, K. *see* Nakahara, K. 96401
Uomi, K. *see* Nakahara, K. 107312
Uomi, K. *see* Shinoda, K. 75920
Uomi, K. *see* Shinoda, K. 116496
Uomori, K. *see* Azuma, T. 98218
Uosaki, K. *see* Hatanaka, T. 113012
Uosaki, K. *see* Koinuma, M. 94735
Uota, T., Ozawa, Y., Koizumi, N., Makiyama, T., Ohkubo, T., Gohda, W., Yokoi, K., Kagami, A., Tanabe, T. Development of ATM video communication system conformed to ITU-T recommendation 78161
Uozumi, J. *see* Silvennoinen, R. 65552
Uozumi, J. *see* Silvennoinen, R. 79295
Uozumi, T. *see* Uchida, K. 64129
Uozumi, Y. *see* Amurohka, H. 100892
Uozumi, Y. *see* Budihardjo, S. 100833
Uozumi, Y. *see* Ijiri, H. 83692
Up Lee Yong *see* Yong Up Lee
Upadeo, S.V., Moharil, S.V. Luminescence of europium in alkali sulphates 85267
Upadhyay, H.N., Chanana, R.K., Dwivedi, R., Srivastava, S.K. Ultrathin SiO_2 in future Si devices and integrated circuits 106150
Upadhyay, H.N. *see* Chanana, R.K. 63226
Upadhyay, H.N. *see* Chanana, R.K. 105543
Upadhyaya, B.R. *see* Joshi, B.D. 91267
Upadhyaya, J. *see* Navathe, C.P. 85558
Upadyaya, S. *see* Nachman, L. 93237
Upatnieks, J. *see* Tai, A. 96839
Upatov, V.Y. Dielectric charging by an electron beam [CRT] 94203
Upfal, E. *see* Broder, A. 98376
Upfold, L., Lockwood, P. Directional advantage with lower gain directional hearing aids 90608
Upp, D. Cubit, a switching matrix for ATM 109297
Uppal, K. *see* Dapkus, P.D. 107344
Uppal, P.N. *see* Gill, D.M. 84467
Uppal, P.N. *see* Svensson, S.P. 82711
Uppala, S.V., Sahr, J.D. Aperiodic transmitter waveforms for spectrum estimation of moderately overspread targets: new codes and a design rule 111172
Uppaluri, P., Sparmann, U., Pomeranz, I. On minimizing the number of test points needed to achieve complete robust path delay fault testability 104481
Upperco, E.C. *see* Kurek, K.A. 88066
Upshaw, B., Rangoussi, M., Sinkjaer, T. Detection of human nerve signals using higher-order statistics 120470
Upton, P. *see* Catchpole, I. 79075
Upward, M.D. *see* Dunn, A.W. 84179
Ura, K. *see* Sasaki, K. 112873
Ura, T. *see* Takamura, T. 112306
Urabe, K. *see* Kishi, M. 88325
Urabe, K. *see* Kojima, M. 102918
Urabe, M. *see* Ito, D. 95397
Urabe, S., Nojima, T. Developments in mobile/portable telephones and key devices for miniaturization 78487
Urabe, S. *see* Watanabe, M. 65587
Urabe, T. *see* Shimizu, T. 73431
Urahama, K. Gradient projection network: analog solver for linearly constrained nonlinear programming 83293
Urahama, K. Monotonic properties of nonlinear scale-space images 108689
Urahama, K., Okada, M., Shingai, H., Takiyama, R. Nonlinear regression by using GNC method 76673
Urahama, K. *see* Shingai, H. 97909
Urai, H. *see* Gokan, H. 115861
Urakawa, J. *see* Hinode, F. 100582
Urakawa, J. *see* Sakanaka, S. 100681
Urakawa, J. *see* Sakanaka, S. 100682
Urakawa, J. *see* Terunuma, N. 100716
Uraki, M. *see* Sato, K. 100751
Ural, H., Huaqing Zeng Computer aided design of protocol converters 98496
Ural, H. *see* Hong Liu 87423
Urankar, L., Oppelt, R. Design criteria for active shielding of inhomogeneous magnetic fields for biomagnetic applications 80162
Urano, K., Ehara, Y., Kishida, H., Ito, T. Analysis of partial discharge phenomena by discharge magnitude and discharge luminescence in each phase angle 64045
Urano, K. *see* Ehara, Y. 75043
Urano, M. *see* Ino, M. 73249
Urano, M. *see* Nishimura, K. 115340
Urano, T. *see* Man-ei, K. 94164
Urano, T. *see* Toda, M. 91964
Uras, C. *see* Verri, A. 77202
Urasaki, S. *see* Furuno, T. 97306
Urasaki, S. *see* Iyama, Y. 83275
Urata, M. *see* Koyanagi, K. 95535
Urata, M. *see* Watanabe, K. 95529
Urata, Y. 22 kV compact type substation delivered to Kushiro colliery of Taiheiyo Coal Mining Co. Ltd 122115
Uratsuka, S. *see* Nakamura, K. 90790
Uray, I. Low dose personal dosimetry using commercial LiF detectors 110977
Urba, E. *see* Miskinis, R. 114603
Urban, D. MMDS transmitter for high data rate digital video delivery 88815
Urban, I. *see* Ressel, P. 114813
Urban, I. *see* Sieber, I. 94320
Urban, K. *see* Heinrich, M. 62761
Urban, K.W. *see* Klein, N. 93699
Urban, M., Siegrist, M.R., Asadauskas, L., Raguotis, R., Brazis, R. A precise new method to evaluate Monte Carlo simulations of electron transport in semiconductors 105120
Urban, M. *see* Heydari, H. 81502
Urban, M. *see* Huber, E. 93973
Urban, W. *see* Calvin, H. 106718
Urban, W. *see* Deis, G. 106719
Urban, W. *see* Schaefer, M. 65185
Urbancik, L. Safety aspects of water chemistry improvements and changes in VVER nuclear power plant, V-213 71091
Urbanczyk, W. *see* Bock, W.J. 69217
Urbanczyk, W. *see* Bock, W.J. 106809
Urbanek, P., Zgraja, J., Skorek, A. Efficient method for numerical analysis of coupled electromagnetic and temperature fields in induction heating of rotating steel cylinder 112607
Urbani, F. *see* Vegni, L. 107965
Urbani, F. *see* Vegni, L. 108039
Urbanke, R. *see* Grant, A. 66464
Urbano, L., D'Alvano, F., Barreto, R., Regidor, J.C., Bruscianelli, C., Duvauferrier, R. Reversible image sequence compression method using motion estimation with interpolation 98336
Urbanus, W. *see* Caplan, M. 96076
Urbanus, W.H., Bongers, W.A., van Dijk, G., van der Geer, C.A.J., de Kroon, S., Manintveld, P., Pluygers, J., Sterk, A.B., Valentini, M., Verhoeven, A.G.A., Weijman, R.M.M., van der Wiel, M.J. Status, commissioning of the 1 MW, 130-260 GHz fusion-FEM 96085
Urbanus, W.H. *see* Tulupov, A.V. 96479
Urbas, A., Galinski, B. Unbalanced Czarnul resistive MOS circuit in the symmetrical MOSFET-C filters 104674
Urciuoli, R. *see* Dal Lago, A. 62185
Urdaneta, A.J., Perez, L.G., Restrepo, H., Sanchez, J., Fajardo, J. Consideration of the transient configurations in the optimal coordination problem of directional overcurrent relays 93981
Urdaneta, A.J. *see* Castellanos, O. 102145
Urdaneta, A.J. *see* Perez, L.G. 102089
Urdl, P. *see* Kordesch, K. 112233
Urech, N., Eicher, B., Siegenthaler, J. Effects of microwave and radio frequency electromagnetic fields on lichens 120550
U'Ren, G.D. *see* Petruzzello, J. 75945
Uren, M.J., Stathis, J.H., Cartier, E. Conductance measurements on P_b centers at the (111) $Si:SiO_2$ interface 114837
Uren, M.J. *see* Anthony, C.J. 114820
Uren, M.J. *see* Tenbroek, B.M. 74483
Uren, M.J. *see* Tenbroek, B.M. 83543
Urena, A.G. *see* Skowronek, S. 85382
Urena, Y. *see* Licciardi, L. 68011
Urgiles, E., Melo, P., Coleman, C.C. Vapor reaction growth of single crystal GeI_2 113280
Urheim, T. *see* Durisch, W. 91395
Urias, J. *see* Salazar-Anaya, G. 66220
Uribe, J. *see* Wai-Hoi Wong 90345
Uribe, J. *see* Wai-Hoi Wong 101103
Uribe, J. *see* Wai-Hoi Wong 101115
Uribe, R. *see* Rybicki, G. 71709
Urin, B.M. *see* Dolinina, V.I. 85365
Urisaka, S., Hamada, N. Estimation of texture gradient using nonstationary spectral analysis 77381
Urisu, T., Yoshigoe, A., Imaizumi, Y. Synchrotron radiation-stimulated semiconductor process and new prospects of core electron excitation photochemistry 114976
Urisu, T. *see* Ohara, J. 84686
Urisu, T. *see* Young-Bae Park 95241
Uriu, Y., Aoyagi, N., Koyanagi, F. Stabilization for multi-machine power system by adaptive control of FACTS apparatuses 101902
Uriu, Y. *see* Koyanagi, F. 91418
Uriu, Y. *see* Ninomiya, A. 95592
Urk, H.Van *see* Van Urk, H.
Urkowitz, H., Katz, S.L. The relation between range sampling rate, system bandwidth, and variance reduction in spectral averaging for meteorological radar 70486
Urland, E. *see* Stacho, L. 113122
Urlin, V.D. *see* Borisov, V.P. 65040
Urlin, V.D. *see* Borisov, V.P. 116326
Urmann, K. *see* Papalexandri, K.P. 71146
Urosevic, D. *see* Nikolic, P.M. 94323
Urpelainen, M. *see* Heikkinen, J. 104946
Urquhart, J. *see* Bellarmine, G.T. 91409
Urquhart, J.R. Mining for gold [telecommunications billing/fraud control] 108927
Ursaki, V.V. *see* Tiginyanu, I.M. 103908
Ursaki, V.V. *see* Tiginyanu, I.M. 105558
Ursic, R., Mahoney, K., Hovater, C., Hutton, A., Sinclair, C. CEBAF beam loss accounting 100598
Ursino, M., Cristalli, C. A mathematical study of some biomechanical factors affecting the oscillometric blood pressure measurement 101050
Urso, G.L. *see* Stola, L. 118756
Urso, M.S., Zilio, S.C. Wavelength measurement using optical activity 100372
Ursu, I. *see* Lupei, V. 107180
Ursu, I. *see* Mihailescu, I.N. 82761
Ursulean, R. Time domain sensitivity of linear circuits–the transient case study 61577
Ursutiu, D., Jones, B.K. Low-frequency noise used as a lifetime test of LEDs 106992
Uruno, S. *see* Tachikura, M. 99036
Urushibara, S., Fukuoka, M., Sato, S., Hayasaki, A. Measuring techniques actively used in the improvement of water quality in sewerage systems 70530
Urushidani, T. *see* Ueno, K. 105885
Uruskii, O.S. *see* Baranov, V.L. 113096
Urutskoev, L.I. *see* Grishaev, S.I. 69796
Urutskoev, L.I. *see* Ivanov, O.P. 92995
Urutskoev, L.I. *see* Sudarkin, A.N. 100973
Urutskoev, L.I. *see* Sudarkin, A.N. 101040
Urutskoev, L.I. *see* Volkovich, G. 80159
Usachev, A.P. *see* Belikov, S.V. 120187
Usagawa, T. *see* Tomono, T. 76169
Usai, M. *see* Fanni, A. 96904
Usai, P., Cosier, G., Pascal, D., Sotscheck, J., Kappelan, M. Subjective performance evaluation of the GSM half-rate coding algorithm (with voice signals) 99138
Usak, P., Chovanec, F. The dynamics of current density distribution in Ag-sheathed TBCCO tape in changing gradient field 95415
Usami, A. *see* Ichimura, M. 105165
Usami, H. *see* Watanabe, K. 110471
Usami, K., Saito, H. Pose and position estimation of a moving camera from derivatives of spatiotemporal image brightness 67432
Usami, K., Takahashi, I., Miyake, E., Moriya, M., Cai, X.Y., Kobayashi, T., Goto, T. Thin Si oxide films for MIS tunnel emitter by hollow cathode enhanced plasma oxidation 114983
Usami, K. *see* Hirayama, Y. 115769
Usami, K. *see* Kimoto, K. 64189
Usami, M. *see* Higeta, K. 61887
Usami, M. *see* Higeta, K. 113943
Usami, M. *see* Ikeda, T. 63909
Usami, M. *see* Kohno, A. 112908
Usami, N., Pan, W., Yaguchi, H., Ito, R., Onabe, K., Akiyama, H., Shiraki, Y. Time-resolved photoluminescence study on $Al_xGa_{1-x}As$ spontaneous vertical quantum well structures 74357
Usami, N. *see* Konishi, H. 69911
Usami, N. *see* Sekine, N. 75689
Usanov, D.A., Avdeev, A.A. Simultaneous generation of low-frequency and microwave signals by a Gunn diode 104815
Usanov, D.A. *see* Skripal, A.V. 85749
Usanov, D.A. *see* Vagarin, V.A. 110385
Uschmann, I. *see* Chang, W.Z. 95632
Useinov, R.G. *see* Emelianov, V.V. 74739
Useinov, R.G. *see* Emelianov, V.V. 106017
Usenko, P.L. *see* Nagornyi, V.I. 90253
Usenok, A. *see* Konovalov, V. 89417
Usevitch, B. Optimal bit allocation for biorthogonal wavelet coding 86742
Ushakov, A.V., Farenik, V.I. Probe measurements of the parameters of the electron component in the accelerators with closed drift of electrons 69598
Ushakov, N.M., Petrosyan, V.I. Fast wide-aperture photodetector utilizing a metal-semiconductor-metal structure in the form of a periodic spiral 110168
Ushakov, P.A., Sorokin, A.P. Modeling temperature distributions and fluctuations in the components of fast reactors 71099
Ushakov, V.N., Kolesov, V.N., Rogov, A.N. Clipped signals processing by video-frequency acousto-optic correlator 64838
Ushakov, V.N. *see* Moskaletz, D.O. 64837
Ushakumari, P.V., Krishnamoorthy, A. The queueing system $B_D/G_D\infty$ 82374
Ushanova, E.N. *see* Sidoryuk, O.E. 65415
Usher, A. *see* Greally, M.G. 74330
Usher, A. *see* Hayne, M. 105289
Usher, J.S. Weibull component reliability-prediction in the presence of masked data 82332
Usher, J.S. *see* Lin, D.K.J. 82333
Ushida, A. *see* Nishio, Y. 73073
Ushida, A. *see* Tanji, Y. 113701
Ushida, K., Nakano, K., Kira, A. Development of aqueous scintillator based on chemiluminescence 69819
Ushigami, Y., Masui, H., Okazaki, Y., Suga, Y., Takahashi, N. Development of low-loss grain-oriented silicon steel 75090
Ushigusa, K. *see* Kikuchi, M. 106704
Ushigusa, K. *see* Ninomiya 64569
Ushijima, I. *see* Kashima, H. 87696
Ushijima, M. *see* Matsuzaki, T. 109014
Ushiki, K. *see* Hibino, T. 71675
Ushiki, T. *see* Miura, K. 77597
Ushiki, T. *see* Ohnishi, H. 98992
Ushikubo, M.F., Bichels, A. Tripping analysis of generator negative sequence relay during a transformer energization 111711
Ushikubo, T. *see* Shikata, M. 68495
Ushimi, T. *see* Masui, T. 90292
Ushio, M., Tomita, S., Yamazaki, K. Electromagnetic noise emissions from electric vehicles 71810
Ushio, S. *see* Park, J.-G. 63224

Ushio, T. Control of chaotic synchronization in composite systems with applications to secure communication systems 76677
Ushio, T. Design of chaotically synchronized systems based on observers 113707
Ushio, T. *see* Kawasaki, Z. 81160
Ushio, T. *see* Oketani, N. 117122
Ushio, T. *see* Uchida, S. 81132
Ushiroda, M. *see* Nagashima, H. 73383
Ushirogouchi, T. *see* Kihara, N. 105774
Ushirokawa, A. *see* Mizuguchi, H. 68284
Ushirokawa, A. *see* Yoshida, S. 68199
Ushirorawa, M., Motoyama, Y., Sakai, T., Wani, K., Takahashi, K. Color dc PDP with an improved resistor design in each cell 89429
Ushitora, K. *see* Tashiro, K. 106340
Ushiyama, J. *see* Kohashi, T. 75070
Ushiyama, K. *see* Kuriyama, K. 114627
Usievich, B.A. *see* Loktev, S.M. 84967
Usikov, A. *see* Timofeev, F.N. 63319
Uslenghi, P.L.E. *see* Graglia, R.D. 97261
Uslu, I. *see* Gunduz, G. 121330
Usman, M., Hero, A.O. Bias-variance trade-offs for an edge localization algorithm using uniform Cramer-Rao bound 86856
Usman, M. *see* Hero, A.O., III 97784
Usmani, R.A. *see* Sakai, M. 60973
Usmanov, R.A. *see* Abdul'nabi, Z.M. 102519
Usmanov, T. *see* Ganeev, R.A. 76120
Usov, Yu.A. *see* Anischenko, N.G. 120106
Usov, Yu.A. *see* Ball, J. 120096
Usov, Yu.A. *see* Bazhanov, N.A. 69699
Usov, Yu.A. *see* Borisov, N.S. 120104
Ussery, D.W. *see* Cox, W.R. 96583
Ussyshkin, R. *see* Shlimak, I. 94287
Usta, O., Redfern, M.A., Tarkan, N., Erdogan, Z. Analysis of out of phase reclosing required for the protection of dispersed storage and generation units 121230
Ustin, S.A. *see* Brown, K.A. 72768
Ustinov, A.V. Observation of a radiation-induced soliton resonance in a Josephson ring 115936
Ustinov, A.V., Kohlstedt, H. Interlayer fluxon interaction in Josephson stacks 115912
Ustinov, A.V., Kohlstedt, H., Henne, P. Giant radiation linewidth of multifluxon states in long Josephson junctions 115949
Ustinov, A.V. *see* Uhlisch, D. 105455
Ustinov, S.I. *see* Gan, M.A. 64860
Ustinov, S.M. *see* Voskoboinikov, S.P. 70634
Ustinov, V.M. *see* Aninkevicius, V. 63084
Ustinov, V.M. *see* Brunkov, P.N. 74361
Ustinov, V.M. *see* Churakov, G.V. 63002
Ustinov, V.M. *see* Egorov, A.Yu. 114763
Ustinov, V.M. *see* Grundmann, M. 105374
Ustinov, V.M. *see* Kirstaedter, N. 65202
Ustinov, V.M. *see* Kirstaedter, N. 96397
Ustinov, V.M. *see* Kop'ev, P.S. 107351
Ustinov, V.M. *see* Ledentsov, N.N. 62870
Ustinov, V.M. *see* Ledentsov, N.N. 63081
Ustinov, V.M. *see* Schmidt, O.G. 85517
Ustinov, V.M. *see* Schmidt, O.G. 107275
Ustinov, V.M. *see* Wang, P.D. 63015
Ustundag, A., Ludwig, R., Levin, P.L., Schmidt, J., Hagedorn, P. Two-dimensional finite element analysis of a synthetically loaded stator in a piezoelectrically driven ultrasonic motor 84711
Ustyugov, V.I. Solid-state laser dynamics and the problem of modulation intracavity spectroscopy 96185
Ustyugov, V.I. *see* Khaleev, M.M. 96238
Ustyugov, V.I. *see* Kolotushkin, Yu.V. 107177
Ustyugov, V.I. *see* Mak, A.A. 96187
Usuda, T. *see* Umeda, A. 119889
Usui, A. *see* Yamaguchi, A.A. 92699
Usui, E. *see* Matsumura, T. 112883
Usui, K., Kai, K., Ohya, A., Nishizawa, T. Multimedia services in the HDTV MUSE system 109914
Usui, K. *see* Isobe, T. 109225
Usui, K. *see* Watanabe, K. 110471
Usui, M., Hikita, M., Watanabe, T., Amano, M., Sugawara, S., Hayashida, S., Imamura, S. Low-loss passive polymer optical waveguides with high environmental stability 116079
Usui, M., Kohno, T., Niki, H. On the preconditioned SOR method 72613
Usui, M. *see* Hara, K. 74158
Usui, M. *see* Harada, M. 113237
Usui, S. *see* Toda, N. 86174
Usui, S. *see* Yokota, Y. 108170
Usui, S., Tohkura, Y., Katagiri, S., Wilson, E. *(editors)* Neural Networks for Signal Processing VI. Proceedings of the 1996 IEEE Signal Processing Society Workshop (Cat. No.96TH8205) 103317
Usuki, T. *see* Kobayashi, Y. 84732
Usuki, Y. *see* Ishii, M. 100808
Usuki, Y. *see* Kobayashi, M. 80004
Usuki, Y. *see* Rudolph, P. 92668
Usychenko, V.G. *see* Malyshev, V.M. 84288
Utada, H. *see* Kasahara, J. 70469
Utaka, K. *see* Sakata, H. 65476
Utaka, K. *see* Tanaka, S. 95775
Utama, A. *see* Nakano, T. 73274
Utano, R. *see* Allik, T.H. 96125
Utcke, S. *see* Mundy, J. 117687
Utcke, S. *see* Mundy, J.L. 77170
Utemesov, M.A. *see* Fedyanin, V.Ya. 71107
Utena, S. *see* Ishii, Y. 102376
Uteza, O. *see* Hofmann, Th. 107057
Uteza, O. *see* Tassy, I. 107059
Uthe, E.E. Airborne lidar for environmental measurements 70532
Utikal, K.J., Govindarajulu, Z. Optimal choice from known rewards with uncertain response 72449
Utkalova, L.I. *see* Djubua, B.C. 73944
Utke, I., Frentrup, W., Haehnert, I., Kirmse, H., Mueller, O., Schenk, M., Winkler, M. Non-abruptness of heterointerfaces during LPE growth of (Hg,Cd)Te on (Cd,Zn)Te and Cd(Te,Se) substrates 74352
Utkin, A.B. Linear associative-memory algorithms for correction of real wavefronts 117709
Utkin, A.B. *see* Belousova, I.M. 120767
Utkin, A.V. *see* Baumung, K. 110480
Utkin, L.V. *see* Gurov, S.V. 92335
Utne, L. *see* Klock, B. 83244
Uto, S., Moritake, H., Ozaki, M., Yoshino, K., Skarp, K., Helgee, B. Electro-optic switching in spin-coated ferroelectric mesomorphic polymer films and its analysis 64819
Uto, S. *see* Ihori, H. 110312
Utoyo, I. *see* Purnomo, A.H. 87960
Utsugi, S. *see* Murotani, T. 73375
Utsugi, S. *see* Naritake, I. 93360
Utsumi, A. *see* Kikuchi, M. 80434
Utsumi, H., Tadokoro, H., Tashiro, M. Layout CAD system for embedded array LSI 73026
Utsumi, H. *see* Konuma, K. 69286
Utsumi, K. *see* Ikuina, K. 94139
Utsumi, K. *see* Maeda, K. 109665
Utsumi, K. *see* Matsui, K. 83668
Utsumi, K. *see* Yoshida, A. 104026
Utsumi, Y. Synchrotron radiation-excited Si photoepitaxy using gas-source MBE 113386
Utsumi, Y. *see* Farrand, L.D. 75600
Utsumi, Y. *see* Suzuki, T. 64621
Utsunomiya, H., Lui, Y.W., Youngblood, D.H., O'Kelly, D., Schmitt, R.P. Identification of heavy ions in magnetic spectrograph measurements using a plastic phoswich 69766
Utsunomiya, M. *see* Fukuda, M. 93979
Utsuro, H. *see* Awatsuji, Y. 85186
Utsushikawa, Y. *see* Koumura, H. 64346
Uttamchandani, D., Othonos, A. Phase shifted Bragg gratings formed in optical fibres by post-fabrication thermal processing 75484
Uttamchandani, D. *see* Davison, M. 94318
Uttamchandani, D. *see* Gupta, G.C. 88498
Uttamchandani, D. *see* Karafolas, N. 88493
Uttamchandani, D. *see* Wallace, C.G. 68453
Uttaro, F.L. *see* Hinkle, L.D. 99823
Utterback, H.K. *see* Smola, J.F. 90720
Utz, B. *see* Barth, R. 110163
Utz, M. *see* Simka, H. 113421
Utz, W. *see* Huhse, D. 116466
Utzmeier, T., Armelles, G., Postigo, P.A., Briones, F. Growth and characterization of InSb/InP short-period strained-layer superlattices grown by ALMBE 61293
Utzmeier, T. *see* Sendra, J.R. 74150
Uusimaa, P. *see* Aherne, T. 76080
Uusimaa, P. *see* Rakennus, K. 74228
Uutsunomiya, T. *see* Mojtahedi, H.A. 120514
Uvarov, E.F. *see* Afanas'ev, V.N. 63567
Uvarov, V.A. *see* Yakushev, V.V. 69094
Uvarov, V.N. A cluster analysis of radar mapping data 68638
Uwai, K., Yamauchi, Y., Kobayashi, N. In situ observation of nitridation of GaAs (001) surfaces by infrared reflectance spectroscopy 105694
Uwamino, Y. *see* Torii, Y. 62376
Uwano, T. *see* Ikeda, H. 82966
Uwano, T. *see* Ishizaki, T. 73663
Uwano, T. *see* Ogawa, K. 76656
Uwano, T. *see* Sakakura, M. 113796
Uwatoko, Y. *see* Ohyamaa, H. 115145
Uyeda, H. *see* Sonoi, Y. 70493
Uyeda, K. *see* Torii, S. 102631
Uyematsu, T., Nagano, K., Okamoto, E. Special section on information theory and its applications. A simple construction of codes for identification via channels under average error criterion 117108
Uythoven, J. *see* Tuckmantel, J. 100498
Uyttendaele, M. *see* Brinthaupt, D. 77532
Uzawa, Y., Kawakami, A., Zhen Wang, Noguchi, T. Quasi-optical SIS mixers with Nb/AlO$_x$/Nb tunnel junctions in the 270-GHz band 115919
Uzawa, Y., Niida, S., Daibo, M., Kokubun, Y. Monolithic formation of thin films on the vertical surface of a substrate by a dual-ion-beam sputtering technique 106914
Uzawa, Y., Zhen Wang, Kawakami, A. Quasi-optical submillimeter-wave mixers with NbN/AlN/NbN tunnel junctions 115971
Uzawa, Y., Zhen Wang, Kawakami, A., Komiyama, B. Properties of submillimeter wave responses in NbN/AlN/NbN tunnel junctions 83416
Uzawa, Y. *see* Zhen Wang 75296
Uzdovskii, V.V. *see* Khainovskii, V.I. 79523
Uzgoren, G. *see* Sapmaz, S. 76405
Uziie, M. *see* Saeki, T. 73369
Uzikova, T.I. Contact resistance fluctuations in metallic sliding contacts 114364
Uzoh, C. *see* Hu, C.-K. 115003
Uzonov, I.M., Gerdjikov, V.S., Golles, M., Lederer, F. On the description of N-soliton interaction in optical fibers 64658
Uzsoy, R. *see* Chen, S. 63926
Uzunoglu, N. *see* Aggelopoulos, E. 60526
Uzunoglu, N. *see* Frangos, P. 68602
Uzunoglu, N. *see* Michael, Ch. 120439
Uzunoglu, N.K. *see* Nikita, K.S. 101421
Uzunoglu, N.K. *see* Polychronopoulos, S.J. 64734
Uzunoglu, V., White, M.H. Oscillator network performs a diverse range of functions 104390
Uzunogu, N.K. *see* Nikita, K.S. 120494
Uzunov, I. *see* Wabnitz, S. 85713

V., J.Gonzalez de la *see* Gonzalez de la V., J.
v. Es, J. *see* Noomen, J.G. 100546
v. Klitzing, K. *see* Bertram, D. 63048
Vaa, M. *see* Danielsen, S.L. 88636
Vaa, M. *see* Danielsen, S.L. 99559
Vaa, M. *see* Joergensen, C. 88595
Vaa, M. *see* Pedersen, N.V. 68473
Vaahs, T. *see* Freimuth, H. 92955
Vaananen, J. Construction of a circuit simulator including finite element and reluctance network modelling of electrical devices 91463
Vaandering, E.W. *see* Spinka, H. 119976
Vaart, N.C.van der *see* van der Vaart, N.C.
Vabishchevich, S.A. *see* Aleshin, V.D. 74129
Vacar, D. *see* Lemmer, U. 64985
Vacca, J.H. *see* Moe, H.J. 89761
Vaccaro, K., Davis, A., Dauplaise, H.M., Lorenzo, J.P. InP-based MISFETs using CdS passivation 105971
Vaccaro, K., Davis, A., Dauplaise, H.M., Spaziani, S.M., Martin, E.A., Lorenzo, J.P. Cadmium sulfide surface stabilization for InP-based optoelectronic devices 63316
Vaccaro, K., Spaziani, S.M., Dauplaise, H.M., Berger, P.R., Davis, A., Tsacoyeanes, C.W., Martin, E.A., Lorenzo, J.P. Inverted, substrate-removed MSM and Schottky diode optical detectors 100048
Vaccaro, K. *see* Dauplaise, H.M. 105498
Vaccaro, K. *see* Stadler, B.J.H. 62729
Vaccaro, P. *see* Takahashi, M. 65299
Vaccaro, P.O. *see* Hosoda, M. 74423
Vaccaro, P.O. *see* Hosoda, M. 114735
Vaccaro, P.O. *see* Watanabe, T. 61285
Vaccaro, R.J. *see* MacInnes, C.S. 86188
Vaccaro, U. *see* Bermond, J.-C. 119231
Vaccaro, U. *see* Blundo, C. 117220
Vaccaro, U. *see* Gargano, L. 118437
Vaccaro, V.G. *see* Miano, G. 66075
Vaccaro, V.G. *see* Miano, G. 76334
Vaccaro, V.G. *see* Miano, G. 104789
Vaccaro, V.G. *see* Miano, G. 108030
Vacchi, A. *see* Arfelli, F. 90367
Vacchi, A. *see* Arfelli, F. 90432
Vacchi, A. *see* Arfelli, F. 110579
Vacchi, A. *see* Barbiellini, G. 69722
Vacchi, A. *see* Beole, S. 110562
Vacchi, A. *see* Comes, G. 110613
Vacchi, C. *see* Armaroli, D. 93187
Vacek, R. Electromagnetic waves propagation in real multimode waveguide structures 114191
Vacek, R. *see* Bell, K.D. 89154
Vacek, R.M., Hopkins, M., MacPherson, W.H. The development, demonstration and integration of advanced technologies to improve the life cycle costs of space systems 80544
Vachani, R., Shulman, A., Kubat, P., Ward, J. Multicommodity flows in ring networks 113628
Vacheron, O., Cai, L., Benas, J.C. Transient characterization by means of nonlinear optimization for loose part monitoring. Improvement of the signal-to-noise ratio by noise spectrum subtraction [nuclear reactor] 91288
Vachet, G., Young, M. Critical dimension atomic force microscopy for 0.25 μm process development 115327
Vachon, P. *see* Touzi, R. 120901
Vachon, P.W., Bjerkelund, C., Buckley, J., Campbell, J., Dobson, F.W., Gray, A.L., Johnsen, H., Lalbeharry, R. Validation of SAR ocean wave measurements: ERS-1 and CV-580 cross spectra, and CV-580 along-track InSAR 120853
Vachon, P.W. *see* Geudtner, D. 111299
Vachoux, A. VHDL-A: a future standard for analog and mixed digital-analog description and simulation 62048
Vachss, F.R. *see* Rosker, M.J. 116646
Vachtsevanos, G. *see* Dorrity, J.L. 82289
Vacik, J. *see* Honzatko, J. 101006
Vackova, S. *see* Grmanova, A. 105881
Vadasz, D., Sebestyen, H. Comparison of the Newton-Raphson and the spectral expansion impedance tomography reconstruction algorithms 69437
Vadgama, P. *see* Cambiaso, A. 119754
Vadgama, P. *see* Warriner, K. 79570
Vadher, V.V., Smith, I.R., Kettleborough, J.G., Chua, K.T. Mathematical modelling of stepper motor control systems 102771
Vadher, V.V., Smith, I.R., Pazil, M.N. Investigation of the transient stability of a synchronous generator/steam turbine prime mover combination subject to SSR phenomena 80874
Vadher, V.V. *see* Kettleborough, J.G. 103130

Vadher, V.V. *see* Miran, S.M. 91647
Vadher, V.V. *see* Miran, S.M. 103045
Vadheraz, S.R. *see* Misra, S.C.K. 110268
Vadon, H. *see* Massonnet, D. 90740
Vadrot, J.F. *see* Gaudin, D. 106221
Vaekevaeinen, K. *see* Likonen, J. 63246
Vaerenbergh, P.Van *see* Van Vaerenbergh, P.
Vaganay, J., Leonard, J.J., Bellingham, J.G. Outlier rejection for autonomous acoustic navigation 89493
Vagarin, V.A., Skripal, A.V., Usanov, D.A. Spectral homodyne technique for measuring nonharmonic vibrations 110385
Vagati, A., Fratta, A., Franceschini, G., Rosso, P. AC motors for high-performance drives: a design-based comparison 112465
Vager, Z. *see* Naaman, R. 114546
Vaggione, H. Articulating microtime [in music composition] 88881
Vaghar, M.R., Garmestani, H., Markiewicz, W.D. Elastoplastic stress analysis of Nb$_3$Sn superconducting magnet 95607
Vagidov, N.Z. *see* Gribnikov, Z.S. 74356
Vagin, N.P. *see* Pazyuk, V.S. 116320
Vagle, S., Foote, K.G., Trevorrow, M.V., Farmer, D.M. A technique for calibration of monostatic echosounder systems 88734
Vahala, K., Jianhui Zhou, Geraghty, D., Lee, R., Newkirk, M., Miller, B. Wavelength shifting by four-wave mixing in semiconductor optical amplifiers 65239
Vahala, K. *see* Yao, M. 75848
Vahala, K.J., Jianhui Zhou, Namkyoo Park, Newkirk, M., Miller, B. Ultra-fast nonlinearities in semiconductor optical amplifiers for applications in all-optical networks 65484
Vahala, K.J., Zhou, J., Geraghty, D., Lee, R., Newkirki, M., Miller, B. Four-wave mixing in semiconductor traveling-wave amplifiers for wavelength conversion in all-optical networks 88480
Vahala, K.J. *see* Paiella, R. 65511
Vahamaki, O. *see* Kozlowski, W.E. 81629
Vahatalo, E. *see* Paulasaari, H. 102103
Vahedi, V., Bardsley, J.N., DiPeso, G. Simulations of a triode system with an internal grid 62546
Vaher, G., Udal, A., Sivonen, M., Paomets, V. Ultra-fast-turn-on medium power double thyristor 84358
Vahl, A. Reliability assessment of complex system structures: a software tool for design support [aircraft systems] 101487
Vahldieck *see* Balaji, U. 97226
Vahldieck, R. Using optical feedforward linearization to reduce noise and intermodulation distortion of Fabry-Perot lasers for cable television distribution networks 79164
Vahldieck, R., Chen, S., Huang, J., Jin, H. The frequency-domain TLM method–theory and applications 116951
Vahldieck, R., Chen, S., Jin, H., Russer, P. Flip-chip and bond wire/airbridge transitions between passive microwave transmission lines and laser diodes 104968
Vahldieck, R. *see* Balaji, U. 78333
Vahldieck, R. *see* Balaji, U. 97247
Vahldieck, R. *see* Chen, S. 85911
Vahldieck, R. *see* Jin, H. 62357
Vahldieck, R. *see* Shujun Xiao 65947
Vahldieck, R. *see* Shujun Xiao 97202
Vahldieck, R. *see* Shuoqi Chen 85909
Vaida, V., Gheorghiu, D., Vladescu, A., Frank, R., Horstmann, H., Simon, P. Rehabilitation of aged plants as an economic alternative for the energy industry of eastern Europe using as an example two 330 MW units in Romania 81314
Vaideeswaran, R. *see* Kasinathan, S. 71129
Vaidehi, V., Krishnan, C.N. Mapping the Kalman tracker onto a tree connected transputer network 68685
Vaidya, J.G. *see* Deng, E. 71273
Vaidya, N.H. *see* Akella, V. 97441
Vaidya, N.H. *see* Krishna, P. 87663
Vaidya, N.H. *see* Pradhan, D.K. 98666
Vaidya, S.J. *see* Kahalekar, S.G. 120324
Vaidya, U.K., Mahfuz, H., Jeelani, S. Nondestructive characterization/evaluation of functional sandwich and hybrid carbon-carbon composites 113591
Vaidya, U.K. *see* Raju, P.K. 104225
Vaidya, V.C. *see* Kolenchery, S.S. 112100
Vaidyanathan, B., Srinath, M.D., Mandyam, G.D. Dual polarized smart antenna beams 117068
Vaidyanathan, C., Buckley, K.M. Performance analysis of DOA estimation based on nonlinear functions of covariance matrix 86179
Vaidyanathan, H., Wajsgras, H., Rao, G.M. Voltage and capacity stability of the Hubble telescope nickel-hydrogen battery 112273
Vaidyanathan, M., Pulfrey, D.L. An appraisal of the one-flux method for treating carrier transport in modern semiconductor devices 74671
Vaidyanathan, M., Velthuizen, R.P., Venugopal, P., Clarke, L.P., Hall, L.O. Tumor volume measurements using supervised and semi-supervised MRI segmentation methods 80221
Vaidyanathan, P.P. *see* Djokovic, I. 66826
Vaidyanathan, P.P. *see* Lin, Y.-P. 97841
Vaidyanathan, P.P. *see* Yuan-Pei Lin 117426
Vaigneur, K. *see* Jones, W. 101114
Vail, E.C., Li, G.S., Yuen, W., Chang-Hasnain, C.J. High performance micromechanical tunable vertical cavity surface emitting lasers 116470
Vail, E.C., Wu, M.S., Chamg-Hasnain, C.J. Widely tunable micromachined detectors with wavelength tracking 68440
Vaillancourt, R. *see* Ashino, R. 72738
Vaillancourt, W. *see* Tonks, D. 93883
Vaillant, M., Davatzikos, C., Bryan, R.N. Finding 3D parametric representations of the deep cortical folds 110716
Vainberg, V.V., Zarubin, L.I., Nguyen Xuan Ngia, Nguyen Than Nghi Low temperature electric characteristics of doped GaP films 105133
Vainberg, V.V. *see* Baitsar, R.I. 99922
Vainikainen, P. *see* Eratuuli, P. 76578
Vainikainen, P. *see* Eratuuli, P. 108054
Vainikainen, P. *see* Haapala, P. 108052
Vainikainen, P. *see* Hirvonen, T.M. 89464
Vainio, O., Akopian, D., Astola, J.T. Systematic design of encoder and decoder networks with applications to high-speed signal processing 66741
Vainio, O., Ovaska, S.J. Digital filtering for robust 50/60 Hz zero-crossing detectors 69013
Vainio, O., Renfors, M., Saramaki, T. Recursive implementation of FIR differentiators with optimum noise attenuation 108348
Vainio, O. *see* Ovaska, S.J. 83221
Vainio, O. *see* Renfors, M. 83223
Vainos, N.A. *see* Mailis, S. 116770
Vainshtein, S.I., Sagdeev, R.Z., Rosner, R., Eun-Jin Kim Fractal properties of the stretch-twist-fold magnetic dynamo 81479
Vainshtein, S.N., Kostamovaara, J.T., Myllyla, R.A., Kilpela, A.J., Maatta, K.E.A. Automatic switching synchronisation of serial and parallel avalanche transistor connections 61697
Vainstein, F.S. Low redundancy polynomial checks for numerical computation 117187
Vainstein, F.S. *see* Levitin, L.B. 66325
Vaisanen, K. *see* Renfors, M. 77005
Vaishnav, V.S. *see* Patel, N.G. 110269
Vaishya, M.O. *see* Murthy, S.S. 111977
Vaishya, M.O. *see* Murthy, S.S. 111979
Vaisman, I.I. Virtual communities at interdisciplinary boundaries 98815
Vaisman, R. *see* Massaud, A.G. 111551
Vaissiere, J.C. *see* Varani, L. 114606
Vaitekunas, P. *see* Sipavichyus, Ch. 107670
Vaitiekunas, P. *see* Sipavichyus, Ch. 107669
Vaitkus, J. *see* Baubinas, R. 72750
Vaitkus, J.-V. *see* Kazukauskas, V. 114598
Vaitkus, J.-V. *see* Kiliulis, R. 114646
Vaitkus, R. *see* Staudinger, J. 93150
Vaitkus, Yu.Yu., Rasulov, R.Ya., Otazhonov, S.M. Photoconductivity of polycrystalline CdTe:Ag films in the impurity optical absorption region 116208
Vaivars, G., Kleperis, J., Zubkans, J., Vitins, G., Liberts, G., Lusis, A. Influence of thin film coatings on the gas sensitivity properties of narrow laser cut gap in In$_2$O$_3$ on glass substrate 119776
Vaivars, G. *see* Azens, A. 75389
Vajana, B. *see* Baldi, L. 83128
Vajana, B. *see* Bottini, R. 61913
Vajda, F., Della Torre, E. Characterization of minor loops using Preisach-based models 75094
Vajda, F., Della Torre, E. Relationship between model parameters and recording industry parameters 95378
Vajda, F., Della Torre, E. A vector moving hysteresis model with accommodation 106484
Vajda, F., Torre, E.D. Hierarchy of scalar hysteresis models for magnetic recording media 64443
Vajda, F. *see* Bennett, L.H. 115527
Vajda, F. *see* Della Torre, E. 64444
Vajda, F. *see* Della Torre, E. 115798
Vajda, F. *see* Kahler, G.R. 115834
Vajda, I. *see* Bankuti, J. 103098
Vajda, I. *see* Bencze, L. 121237
Vajda, I. *see* Kirschner, I. 115892
Vajda, I. *see* Morales, D. 113108
Vajnovszki, V. Constant time algorithm for generating binary trees Gray codes 66377
Vajo, J.J. *see* Doty, R.E. 83644
Vaju, D. *see* Popescu, S. 81561
Vakhnin, A.Y. *see* Ilchishin, I.P. 95847
Vakhshoori, D., Hobson, W.S., Han, H., Lopata, J., Henein, G.E., Wynn, J.D., deJong, J., Schnoes, M.L., Zydzik, G.J. 980 nm spread index laser with strain compensated InGaAs/GaAsP/InGaP and 90% fibre coupling efficiency 65340
Vakhshoori, D. *see* Dutta, N.K. 76030
Vakhshoori, D. *see* Dutta, N.K. 78871
Vakhshoori, D. *see* Dutta, N.K. 99509
Vakil, S.S., Hansman, R.J., Jr., Midkiff, A.H. Impact of vertical situation information on vertical mode awareness in advanced autoflight systems 70356
Vakilian, M., Degeneff, R.C. A nonlinear core characteristic model for detailed study of transformer during transients 102816
Vakman, D. On the analytic signal, the Teager-Kaiser energy algorithm, and other methods for defining amplitude and frequency 66690
Vaktnas, C. First pass success of a complex X-band glass receiver optimising intermodulation, noise and power consumption by a combination of PHEMT and HBT technology 114305
Vakulenko, O.V., Elfimov, O.V., Klyui, M.I., Levash, L.V., Romananyuk, B.M., Stashchuk, V.S. Optical properties and structure of two-layer systems and ion-implanted metallic film–pyroelectric 106476
Val, J.M.Martinez *see* Martinez Val, J.M.
Valadas, R.T. *see* Lomba, C.R.A.T. 88621
Valadas, R.T. *see* Moreira, A.J.C. 88622
Valaee, S., Kaplan, M.A. Congestion control in a constrained-worst-case framework 108824
Valant, M., Suvorov, D., Macek, S. Configuration of the measurement system for the analysis of microwave dielectric properties and its influence on accuracy of measurement 83346
Valassiades, O. *see* Tassis, D.H. 94432
Valassiades, O. *see* Tassis, D.H. 113336
Valavanis, K.P., Zheng, J., Paschos, G. A total color difference measure for segmentation in color images 108483
Valavanis, K.P. *see* Paschos, G. 88930
Valcheva, E. *see* Paskova, T. 84091
Valdata-Nappi, M. *see* Autiero, D. 69815
Valdata-Nappi, M. *see* Autiero, D. 80006
Valdemarsson, S. *see* Holmgren, T. 91122
Valdes, A. *see* Bisio, G.M. 108602
Valdes, J. *see* Meddahi, S. 72714
Valdes, M.D., Moure, M.J., Rodriguez, L., del Rio, A. Interactive practical teaching of digital circuits design by means of field programmable gate arrays 112802
Valdez, M. *see* Nishimura, H. 89936
Valdez, P.F. *see* Donohoe, G.W. 60442
Valdinoci, M., Colalongo, L., Coffa, S., Rudan, M. A dynamic model of gold/platinum doped devices 84299
Valdinoci, M. *see* Colalongo, L. 84406
Valdinoci, M. *see* Pellegrini, A. 84422
Valdna, V., Buschmann, F., Mellikov, E. Conductivity conversion in CdTe layers 94351
Valdna, V., Hiie, J., Kallavus, U., Mere, A., Piibe, T. ZnSe$_{1-x}$Te$_x$ solid solutions 94352
Vale, A.A.do *see* do Vale, A.A.
Vale, L.R. *see* Rosenthal, P.A. 95503
Vale, Z.A., Dias Goncalves, M.J., Faria, L., do Vale, A.A., Fernandes, M.F., Marques, A. User interface requirements in power system control center applications 101859
Vale, Z.A., Fernandes, M.F., Marques, A. Intelligent tutors for control center operator training 101850
Valeiko, M.V. *see* Beloglazov, A.A. 79590
Valeiko, M.V. *see* Nikitin, P.I. 64462
Valencia Alvarado, R. *see* Lopez Callejas, R. 99845
Valent, G. Exact solutions of some quadratic and quartic birth and death processes and related orthogonal polynomials 60952
Valent, G. *see* Letessier, J. 72607
Valent, L. *see* van der Linden, M. 110943
Valenta, J. *see* Chergui, A. 76126
Valenta, V. *see* Culik, K., II 86734
Valente, L.C.G. *see* Drummond, M.A.G. 99542
Valenti, C.F., Chen, W.Y. The last 100 feet: a comparison of background noise for HFC and FTTC 78793
Valentin, A. *see* Henry, A. 96267
Valentin, J., Kleinefeld, T., Weller, D. Micromagnetic analysis of magnetization reversal in CoPt alloy films 64299
Valentin, R. *see* Metzger, K. 85900
Valentine, G.W., Williams, J.S. An overview of an automated transmit/receive module manufacturing facility 72254
Valentine, J.D., Rana, A.E. Centroid and full-width at half maximum uncertainties of histogrammed data with an underlying Gaussian distribution–the moments method 120242
Valentine, J.D. *see* Rohe, R. 101261
Valentine, J.D. *see* Rooney, B.D. 100873
Valentine-Flint, S. *see* Vrbancich, J. 79267
Valentini, A., Chimenti, E., Cola, A., Leo, G., Quaranta, F., Vasanelli, L. Triple ion beam sputtering deposition of β-FeSi$_2$ 61433
Valentini, A., Cola, A., Maggi, G., Paticchio, V., Quaranta, F., Vasanelli, L. Evaluation of semi-insulating InP crystals for nuclear radiation 69788
Valentini, A. *see* Augelli, V. 62760
Valentini, M. *see* Caplan, M. 96076
Valentini, M. *see* Urbanus, W.H. 96085
Valentino, D.J. *see* Duerinckx, A.J. 111006
Valentino, D.J. *see* Duerinckx, A.J. 111007
Valentino, D.J. *see* Xin Li 109201
Valentino, P.A. *see* Herper, J.C. 111418
Valentino, V. *see* Demelio, G. 69742
Valentinov, A., Kadnikov, A., Krylov, Y., Kuznetsov, S., Yupinov, Y. Control system of the synchrotron radiation source SIBERIA-2 89926
Valentinuzzi, E. *see* Babich, F. 78518
Valentinuzzi, E. *see* Babich, F. 107916
Valentus, V.P.C. *see* Juco, R.A.L. 93414
Valentus, V.P.C. *see* Tarroza, A.E.R., Jr 103168
Valenza, D., Cipollini, G. HVDC submarine power cable systems–state of the art and future developments 80992
Valenziano, L. *see* Dall'Oglio, G. 109843
Valenzuela, A.D. *see* Alessandrini, G. 72987
Valenzuela, A.Q., Fernandez, F.A. General design theory for single-layer homogeneous absorber 76370
Valenzuela, R., Vazquez, M., Hernando, A. A position sensor based on magnetoimpedance 84845
Valenzuela, R.A. Antennas and propagation for wireless communications 108015

Valenzuela, R.A. *see* Gans, M.J. 99081
Valera, J.D.R., Jones, J.D.C., Lokberg, O.J. Exact vibration amplitude derivative measurement with TV shearography 79440
Valera, J.D.R. *see* Buckberry, C.H. 82787
Valera, J.D.R. *see* Doval, A.F. 76272
Valeri, F. *see* Iannone, E. 78742
Valeri, S. *see* Di Bona, A. 104998
Valeri, S. *see* Michelato, P. 90110
Valeriote, E.M.L. *see* Tang, N.-T. 112258
Valero, J.-L., Cumming, I. Comparative analysis of phase unwrapping methods using self-affine (fractal) models 111113
Valero, L. Revised plastic package crack mechanism for large pad PLCC packages 92248
Valero, S. *see* Gordillo, F. 101835
Valero, S. *see* Lapostolle, P. 120041
Valero Capilla, A. *see* Tozer, R. 122088
Valeroso, E. *see* Biagtan, E. 100801
Valeske, B. *see* Kern, R. 113002
Valevich, A.I. *see* Ershov, V.P. 120113
Valevich, A.I. *see* Ershov, V.P. 120114
Valeze, F. *see* Dallet, D. 114036
Valfells, A. *see* Luginsland, J.W. 105011
Vali, G. *see* Galloway, J. 111213
Vali, V. *see* Fitzpatrick, C. 79310
Valicenti, R.K. *see* Michalski, J.M. 70219
Valiente, I. *see* Sigogne, D. 88601
Valiere, J.C. *see* Poisson, F. 119957
Valijan, V. *see* Sayah, J.Y. 113638
Valimaki, V., Huopaniemi, J., Karjalainen, M., Janosy, Z. Physical modeling of plucked string instruments with application to real-time sound synthesis 79198
Valisheva, N.A. *see* Kornyushkin, N.A. 74477
Valizadeh, R. *see* Lambrinos, M.F. 92793
Valk, B. *see* Battig, R.K. 68362
Valk, B. *see* Fitzpatrick, M. 88470
Valkealahti, K. *see* Oja, E. 77480
Valkeapaa, T. *see* Ives, D.J. 64682
Valko, A. *see* Eged, B. 73278
Valko, A. *see* Eged, B. 73279
Valkovic, Z. *see* Rezic, A. 81533
Vall-llossera, M. *see* Rius, J.M. 68568
Valla, M.I. *see* Solsona, J. 102659
Vallabhan, C.P.G. *see* Vidyalal, V. 85886
Vallance, C., Vlahopoulos, N. The prediction of structural noise induced vibration 70310
Vallarino, C.R., Elsey, K.J. Choosing from redundant designs of power systems using system outage rate and cost 101826
Vallavaraj, A. *see* Salivahanan, S. 81161
Vallazza, E. *see* Alvsvaag, S.J. 90124
Valle, A., Shore, K.A., Pesquera, L. Polarization selection in birefringent vertical-cavity surface emitting lasers 107305
Valle, A., Shore, K.A., Pesquera, L. Polarization selection in birefringent vertical-cavity surface emitting lasers 107348
Valle, F.Della *see* Della Valle, F.
Valle, I.del *see* del Valle, I.
Valle, J.Sabin del *see* Sabin del Valle, J.
Valle, L. *see* Rivas, F. 97321
Valle, L.A.F. The use of the computer program ATP for studying electrical transients in industrial power systems 112651
Valle, M., Baratta, D., Caviglia, D.D. Application of hierarchical neural networks to pattern recognition for quality control analysis in steel-industry plants 103493
Valle, M., Caviglia, D.D., Bisio, G.M. An experimental analog VLSI neural network with on-chip back-propagation learning 62104
Valle, M. *see* Belhaire, E. 114178
Valle, M. *see* Bo, G.M. 62114
Vallebona, C. *see* Marchesoni, M. 112523
Vallee, A. The research and development needs of the European pressurised water reactor 121322
Vallee, R., Gang He Coupling between an optical fiber and a planar waveguide 64724
Valles, J.A., Lazaro, J.A., Rebolledo, M.A. Modeling of integrated erbium-doped waveguide amplifiers with overlapping factors methods 107197
Valles, J.A. *see* Garces, I. 64751
Vallet, M. *see* Khardi, S. 101378
Vallet, M. *see* Poirson, J. 76083
Vallett, D. *see* Kudva, S.M. 92351
Valletta, A.M. DoD communications support to telemedicine 80166
Valley, G.C. *see* Kos, K. 65520
Valley, G.C. *see* Ming-Feng Shih 116650
Valley, G.C. *see* Segev, M. 65436
Valley, G.C. *see* Taya, M. 95796
Valley, G.C. *see* Zhigang Chen 65477
Valley, K. *see* Steeples, C. 87941
Valli, K. *see* Lindell, A. 110539
Valli, S.T. *see* Virtamo, J.T. 98304
Vallier, J.C. *see* Kitaguchi, H. 84863
Vallier, L. *see* Bell, F.H. 84185
Vallinkoski, M.K. *see* Timofeev, E.E. 78976
Vallino, J. *see* Kutulakos, K.N. 68922
Vallino, J.R. *see* Kutulakos, K.N. 117690
Vallishayee, R.R., Cho, D.D. Extension of the boundary element method to systems with conductors and piece-wise constant dielectrics 106259
Vallmitjana, S. *see* Carnicer, A. 108698
Valls, O.T. *see* Chandrasekhar, N. 64532
Valls, R. *see* Barbero, O. 111019
Valls, V., Marti, R., Lino, P. A branch and bound algorithm for minimizing the number of crossing arcs in bipartite graphs 72472
Valls, V., Marti, R., Lino, P. A tabu thresholding algorithm for arc crossing minimization in bipartite graphs 82420
Valmorri, S. *see* Revenant-Brizard, C. 83811
Valocchi, P. *see* Bucci, G. 109281
Valois, U.de *see* de Valois, U.
Valouch, V. Induction motor field-oriented controller, respecting iron losses 71306
Valouch, V. *see* Dolezel, I. 102692
Valova, I., Kosugi, Y. Parallel answer-in-weights neural network implementation for image preprocessing 108631
Valsa, J. Time-domain simulation of networks containing elements described by frequency-domain responses 113689
Valsaraj, N., Sabbah, R., Jones, W., Ikossi-Anastasiou, K., Kyono, C.S., Binari, S.C., Kruppa, W., Dietrich, H. High-speed semiconductor devices for communication systems 63610
Valster, A. *see* Morrison, A.P. 76029
Valster, A. *see* Sainov, V. 96795
Valtin, J. *see* Meldorf, M. 101862
Valtonen, M. *see* Michael, C. 63953
Valtriani, L. *see* Bregni, S. 77545
Valtuena, J.F. *see* Izpura, I. 64943
Valuev, V.V., Merkushenkov, V.N., Morozov, V.V., Snitko, O.A., Vasilenok, A.V., Serov, V.V. Self-action of light in the active medium of a continuous-wave CO laser 96106
Valuev, V.V., Morozov, V.V. Test measurements of radiation divergency for setups based on a CW gas-discharge CO_2 laser 100360
Valuev, V.V., Naumov, V.G., Svotin, P.A. Influence of the active-medium gain and of mirror surface distortions in an unstable cavity on multimode lasing 107421
Valverde, J.L. *see* Cerron Zeballos, E. 69786
Valverde, J.Lamas *see* Lamas Valverde, J.
Valverde, J.M. *see* Duque-Carrillo, J.F. 62054
Valvo, G.F. *see* Feggeler, J.C. 78683
Vaman, D.R. *see* Chakravarthy, C.V. 66957
Vaman, D.R. *see* Kumar, S. 67747
Vaman, D.R. *see* Mirfakhraei, N. 68167
Vaman, D.R. *see* Mirfakhraei, N. 118853
Vaman, D.R. *see* Ross, F.E. 98762
Vamparys, F. An architecture of a communication platform suitable for multiple protocol implementations 77740
Vamplew, P., Adams, A. Recognition and anticipation of hand motions using a recurrent neural network 66966
Vampouille, M. *see* Barthelemy, A. 65389
Vampouille, M. *see* Desfarges, A. 76179
Vampouille, M. *see* Kermene, V. 76084
Vampouille, M. *see* Menard, S. 75899
Van, V.Nguyen *see* Nguyen Van, V.
Van Ackere, M., Peeters, J., Jadoul, M., Verboven, F., Sarilar, Z. Do broadband networks need a level 1 gateway? 118622
Van Ackere, M. *see* Jadoul, M. 118624
Van Allen, E.J. *see* Chaney, R.D. 117636
Van Alphen, J.C., Van Niekerk, H.R., Constantinovici, L.D. New high power laboratory in South Africa 72237
Van Amerongen, R.A.M. *see* Bos, M.F.J. 70786
van Amersfoort, P.W. *see* Goloviznin, V.V. 96452
van Amersfoort, P.W. *see* Goloviznin, V.V. 96532
van Amersfoort, P.W. *see* Jaroszynski, D.A. 107399
Van Amersfoort, P.W. *see* Knippels, G.M.H. 65377
van Amersfoort, P.W. *see* Knippels, G.M.H. 65385
van Amersfoort, P.W. *see* Knippels, G.M.H. 96499
van Amersfoort, P.W. *see* Meddens, B.J.H. 71520
van Amersfoort, P.W. *see* Weits, H.H. 96481
Van Amersfoort, W. *see* Li, L. 96979
van Amstel, W.D. *see* Horijon, J.I. 114405
van Amstel, W.D. *see* Horijon, J.L. 73869
Van Andrews, G., Delaney, J.B., Vernon, M.A., Harris, M.P., Chang, C.T.M., Eiland, T.C., Hastings, C.E., DiPerna, V.L., Brown, M.C., White, W.A., Kushner, L.J. Recent progress in wideband monolithic direct digital synthesizers 93165
van Apeldoorn, G. *see* Adam, W. 69709
Van As, D. The case for nuclear energy 81202
Van Assche, W. *see* Sinap, A. 60994
van Asselt, W. *see* Huang, H. 119985
van Asselt, W. *see* Smith, G.A. 100606
van Asselt, W.K., Ahrens, L.A., Brennan, J.M., Dunbar, A., Keith-Monnia, E., Morris, J.T., Syphers, M.J. The transition jump system for the AGS 89865
van Asselt, W.K. *see* Wei, J. 89880
Van Ausdeln, L.A. *see* Chen, Y.K. 69865
van Ausdeln, L.A. *see* Szymanski, J.J. 110589
Van Baal, G.C.M., De Gens, E.J.C., Boomsma, D.I. Genetic architecture of EEG power spectra in early life 101365
Van Ban To *see* To Van Ban
Van Barel, M. *see* De Samblanx, G. 60939
van Beijnhem, E. *see* Rauta, A. 112627
Van Berg, R. *see* Bevensee, B. 90220
Van Berg, R. *see* Bevensee, B. 100952
Van Berkel, C., Parker, D.W., Franklin, A.R. Multiview 3D-LCD 100219
Van Berkel, F.P.F., Christie, G.M., Van Heuveln, F.H., Huijsmans, J.P.P. Electrolytes for low temperature solid oxide fuel cells 81855
van Berkel, F.P.F. *see* Huijsmans, J.P.P. 81756
van Berkel, R., Kortman, J., Lafleur, M. Issues in the development of improvement tools for environmental design of complex products 72233
van Berkel, R. *see* Kortman, J. 60553
van Berlo, W. *see* Mikkelsen, B. 88637
van Berlo, W. *see* Pedersen, R.J.S. 68503
van Berlo, W.H. *see* Almstrom, E. 78884
van Bibber, K. *see* Holdener, F.R. 100432
van Biesen, L. *see* Zhou, D. 120926
Van Biesen, L.P. *see* Peirlinckx, L. 82805
Van Bladel, J.G. Penetration of a low-frequency H-wave into a conducting circular cylinder 107841
Van Bladel, M., Moeneclaey, M. Performance and complexity of single-carrier QAM systems for digital HDTV transmission via CATV 68890
Van Bladel, M., Moeneclaey, M. Performance of time-domain equalized multicarrier systems on ADSL loops 78246
Van Bladel, M., Moeneclaey, M. Time-domain equalization for multicarrier communication 87267
Van Blankenstein, M. *see* Enning, C.J.W.A. 110649
Van Blaricum, M.L., Swann, C.J. Photonic systems for antenna control 88625
Van Blerk, D.B., Diana, G. Development of a generic tension control system 103177
Van Blerkom, D.A. *see* Chi Fan 85199
van Bochove, A.C. *see* Rijnders, J.M. 77333
Van Bochove, A.C. *see* Rijnders, N.M. 78319
Van Bockstal, L., Harrison, N., Li, L., Herlach, F., Louis, J.-M., Oudendijk, M., Frings, P., Lefever, I. Pulsed high field magnets reinforced with pearlitic steel 96981
Van Bockstal, L., Li, L., Harrison, N., Heremans, G., Herlach, F., Starett, B., Clark, R.G. Long life pulsed high field magnets with CuAg conductor and internal reinforcement 96980
Van Bockstal, L. *see* Askenazy, S. 65721
Van Bockstal, L. *see* De Keyser, A. 62742
Van Bockstal, L. *see* Herlach, F. 96978
Van Bockstal, L. *see* Li, L. 96979
Van Bockstal, L. *see* Li, L. 96994
van Bogaert, J. Supporting digital video broadcast on optical access networks 67954
van Bokhoven, W. *see* Leenaerts, D. 66852
Van Bommel, R. *see* Zhou, Z.-L. 110536
Van Boven, G.-J. *see* Enning, C.J.W.A. 110649
van Breda, I.G. *see* Read, P.D. 79526
Van Brussel, H. *see* De Geeter, J. 86780
Van Brussel, H. *see* Reynaerts, D. 70187
Van Brussel, H. *see* Reynaerts, D. 70188
Van Brussel, H. *see* Van Den Braembussche, P. 91481
Van Buren, D., Curtis, P., Nichols, D.A., Brundage, M. The AstroVR collaboratory, an on-line multi-user environment for research in astrophysics 77927
van Buren, M.F. *see* Jie Shi 81659
Van Buren-Schele, J., Ballot, P.C. Design of power lines operating under unknown meteorological conditions 81097
Van Buskirk, M. *see* Venkatesh, B. 73350
Van Buskirk, P.C., Bilodeau, S.M., Roeder, J.F., Kirlin, P.S. Metalorganic chemical vapor deposition of complex metal oxide thin films by liquid source chemical vapor deposition 72869
Van Buuren, T., Tiedje, T., Patitsas, S.N., Jones, C.D.W. Control of the nanostructure of porous silicon by the wavelength of illumination during anodization 62672
van Buuren, T. *see* Ritchie, S. 61187
Van Calster, A., De Cubber, A.M., De Baets, J., De Smet, H., Vanfleteren, J. A simplified 3-step fabrication scheme for high mobility AMLCD panels 84267
Van Calster, A. *see* Vanfleteren, J. 114472
Van Calster, A. *see* Wojciechowski, D. 119802
Van Camp, R., Van Doorselaer, K., Clemminck, I. Reliability of a focused ion beam repair on digital CMOS circuits 115355
Van Campenhout, J. *see* Strooband, D. 93281
Van Canneyt, M., Van Nieuwenhove, K., Cools, K., Jonckheere, R., Willekens, P., Genin, D., Note, S. Specification, simulation and implementation of a GSM speech codec with DSP Station 98943
Van Cleemput, M., Jones, H., van der Burgt, M., Eyssa, Y.M., Schneider-Muntau, H.-J. The fabrication and characterisation of high strength copper/stainless steel conductors for pulsed magnets 96973
Van Cleemput, M. *see* Eyssa, Y.M. 96972
Van Cleemput, M. *see* Herlach, F. 96978
Van Cleynenbreugel, J., Bellon, E., Marchal, G., Suetens, P. Annotating radiological images for computer assisted communication and teaching 110719
Van Coller, J.M. *see* Kelly, R.A. 102091
Van Cong, H., Debiais, G. Apparent band-gap narrowing and its data derived from the measurements of minority-carrier current density in heavily doped emitters of silicon devices 94881
Van Craenenbroeck, T., Van Dommelen, D., Janssens, N., Van De Meulebroeke, F. Stability analysis of ferroresonant oscillations in networks with isolated neutral 101701
Van Craenenbroeck, T. *see* Driesen, J. 111524

Van Craenenbroeck, T. *see* Janssens, N. 90947
Van Cutsem, T. *see* Vournas, C.D. 101956
van Dacle, P. *see* Vanwassenhove, L. 96046
Van Daele, M., Vanden Berghe, G., De Meyer, H. A general theory of stabilized extended one-step methods for ODEs 72693
van Daele, M. *see* de Meyer, H. 103722
Van Daele, P. *see* Aherne, T. 76080
Van Daele, P. *see* Grietens, B. 116272
Van Daele, P. *see* Masetti, F. 78317
Van Daele, P. *see* Morf, T. 84470
Van Daele, P. *see* Morf, T. 106242
Van Daele, P. *see* Vanderbauwhede, W. 64737
Van Daele, P. *see* Vanderbauwhede, W. 99598
Van Daele, P. *see* Vanwassenhove, L. 60620
van Dam, C., Spiekman, L.H., van Ham, F.P.G.M., Groen, F.H., van der Tol, J.J.G.M., Moerman, I., Pascher, W.W., Hamacher, M., Heidrich, H., Weinert, C.M., Smit, M.K. Novel compact polarization converters based on ultra short bends 106833
van Dam, C. *see* Steenbergen, C.A.M. 88573
van Dam, C. *see* van den Hoven, G.N. 64730
van Dam, H. Inhour equation and kinetic distortion in a two-point reactor kinetic model 71092
Van Dam, J. *see* Zangaro, R.A. 110761
van Damme, E., Hurkens, S. Commitment robust equilibria and endogenous timing 103576
Van Dan, F.Nguyen *see* Nguyen Van Dan, F.
van de Beek, J.-J., Sandell, M., Isaksson, M., Ola Borjesson, P. Low-complex frame synchronization in OFDM systems 67542
van de Beek, J.-J. *see* Edfors, O. 117943
van de Berg, P. *see* Kandiyoor, S. 99251
Van de Capelle, A. *see* Engels, M. 78482
Van de Capelle, A. *see* Lauwers, J. 95489
van de Capelle, A. *see* Schellemans, G. 60480
Van de Capelle, A. *see* Van der Perre, L. 97100
Van de Casteele, J., Vilcot, J.P., Gouy, J.P., Mollot, F., Decoster, D. Electro-optical mixing in an edge-coupled GaInAs/InP heterojunction phototransistor 64945
Van de Casteele, J. *see* Harari, J. 64925
Van De Goor, A. *see* Lerme, M. 84227
van de Goor, Ad.J., Offerman, A., Schanstra, I. Towards a uniform notation for memory tests 73340
van de Goor, A.J., Gaydadjiev, G.N., Mikitjuk, V.G., Yarmolik, V.N. March LR: a test for realistic linked faults 104549
van de Goor, A.J. *see* Mikitjuk, V.G. 73342
Van De Graaf, W. *see* De Keyser, A. 62742
van de Graaf, W. *see* Nitta, J. 105257
van de Griend, A.A., Owe, M., de Ruiter, J., Gouweleeuw, B.T. Measurement and behavior of dual-polarization vegetation optical depth and single scattering albedo at 1.4- and 5-GHz microwave frequencies 90753
van de Griendt, M.A.J., Vokurka, V.J., van Someren Greve, S.C. A 2-dimensional correction technique for antenna measurements in a compact antenna test range 66025
van de Kamp, M.M.J.L., Tervonen, J.K., Salonen, E.T., Baptista, J.P.V. Scintillation prediction models compared to measurements on a time base of several days 76416
van de Kamp, M.M.J.L., Tervonen, J.K., Salonen, E.T., Vanhoenacker-Janvier, D., Vasseur, H., Ortgies, G. Polarisation independence of amplitude scintillation 107879
van de Lagemaat, J., Plakman, M., Vanmaekelbergh, D., Kelly, J.J. Enhancement of the light-to-current conversion efficiency in an n-SiC/solution diode by porous etching 116256
van de Lagemaat, J. *see* Vanmaekelbergh, D. 103024
van de Liefvoort, A. *see* Hsin, W.-J. 98433
Van de Liefvoort, A. *see* Reece, C.S. 108826
van de Meer, A.F.G. *see* Knippels, G.M.H. 65385
Van De Meulebroeke, F. *see* Janssens, N. 90947
Van De Meulebroeke, F. *see* Van Craenenbroeck, T. 101701
van de Plassche, R.J. *see* Venes, A.G.W. 73493
Van de Pol, J. *see* Groote, J.F. 118143
van de Roer, T., Hendriks, M., Magnus, W., Henini, M., Heyker, H., Kwaspen, M., van ver Vleuten, W., Caro, J., Lukey, P. Accurate modeling of double barrier resonant tunneling diodes 84500
van de Stadt, H., Crewell, S., de Graauw, T., Klapwijk, T.M., Kuipers, J.J., de Lange, G., Mees, J., Panhuyzen, R.A. SIS heterodyne receivers at 500 and 700 GHz 79097
Van de Stadt, H. *see* Dieleman, P. 84910
Van de Stadt, H. *see* Murphy, J.A. 68808
Van de Stadt, H. *see* Russell, A. 68802
van de Straat, D.A. *see* Middleton, D.P. 64216
van de Velde, J. *see* van Hoorebeke, L. 69770
Van de Velde, T. *see* Allaert, J. 108933
Van de Ven, E. A new approach to high volume placement [SMT assembly] 73881
Van De Ven, P.J.H. *see* Gilhuijs, K.G.A. 70217
van de Voorde, I., van der Plas, G., Mestdagh, D. Novel ranging technique for an advanced optical access network 88579
van de Vosse, F.N. *see* Gijsen, F.J.H. 120337
van de Waarsenburg, W.A. *see* Adan, I.J.B.F. 72437
Van de Walle, C.G., Jackson, W.B. Comment on "Reduction of hot electron degradation in metal oxide semiconductor transistors by deuterium processing" [Appl. Phys. Lett. 68, 2526 (1996)] 114959
Van de Walle, C.G., Neugebauer, J. Defects, impurities and doping levels in wide-band-gap semiconductors 74529
Van de Walle, C.G. *see* Neugebauer, J. 114628
van de Wiel, O., Vandendorpe, L. Fractionally spaced linear joint detection for multitone CDMA systems 77694
van de Wiel, O. *see* Vandendorpe, L. 99077
Van de Wiel, O. *see* Vandendorpe, L. 109349
van de Wiele, F. *see* Francis, P. 94991
Van den Akker, H.E.A. *see* Kuijlaars, K.J. 63890
Van Den Bempt, L. *see* Van Doorselaer, K. 95138
van den Berg, A. *see* Lammerink, T.S.J. 74957
van den Berg, H.A.M., Clemens, W., Gieres, G., Rupp, G., Schelter, W., Vieth, M. GMR sensor scheme with artificial antiferromagnetic subsystem 115874
van den Berg, H.A.M. *see* Lohndorf, M. 75129
van den Berg, J.L. *see* Aalto, S. 77783
van den Berg, M.L., den Boggende, A.J.F., Bootsma, T.M.V., den Herder, J.W., Jansen, F.A., de Korte, P.A.J., van Zwet, E.J., Eaton, T., Ginige, R. Back-illuminated CCDs made by gas immersion laser doping 106054
van den Berg, N. *see* Griep, P. 110870
Van den Bergh, P. *see* Van Duppen, P. 69686
Van den Bogaart, F.L.M. *see* De Boer, M.P. 63784
Van Den Bogaart, F.L.M. *see* Van Vliet, F.E. 93902
van den Bogert, A.J., Read, L., Nigg, B.M. A method for inverse dynamic analysis using accelerometry 80194
van den Boom, H.P.A. *see* van der Put, E.J.E. 88453
Van Den Bos, A. Complex electron wave reconstruction using parameter estimation 108507
Van den Bosch, G., Deferm, L., Forester, L., Collins, T. Improved hot-carrier reliability in a 0.5-µm TLM CMOS process by back-end process optimization 63919
Van den Bosch, G. *see* Bellens, R. 106186
van den Bosch, S., Martens, L. Classical procedures for non-linear semi-empirical device modelling 83360
Van den Bosch, S. *see* Rolain, Y. 115233
Van Den Bossche, N. *see* Robin, F. 113997
Van Den Braembussche, P., Swevers, J., Van Brussel, H., Vanherck, P. Accurate tracking control of linear synchronous motor machine tool axes 91481
Van den Brand, J.F.J. *see* Zhou, Z.-L. 110536
van den Branden Lambrecht, C.J., Verscheure, O. Perceptual quality measure using a spatio-temporal model of the human visual system 86591
Van Den Brink, M. *see* Wittekoek, S. 84268
Van den Broeck, T., Dhondt, G., Barel, A., Martens, L. Parametric modelling of complex permittivity and permeability 100291
Van Den Broeck, T., Peirlinckx, L., Guillaume, P. Parametric modelling of the permittivity of dielectric materials 110331
van den Broecke, J.A. *see* Ouibrahim, H. 109239
van den Broek, C., Linnartz, J.-P.M.G. A simulation study of space and time reservation multiple access 99161
Van den Bulck, P., Bastiaans, M.J., Butterweck, H.J. Quantization of computer-generated Fourier holograms using error diffusion. Design of least-square optimal error-feedback filters 96778
Van Den Durpel, L. *see* Wang, X. 102137
van den Eeden, A.L.G., Compen, J.M.A., Nuijs, A.M. Improved-reflection improved-sharpness (IRIS) coating for CRTs by an all-sol-gel processing 89445
van den Elsen, P.A. *see* Maintz, J.B.A. 69952
Van den Elshout, F. *see* Augur, R.A. 115025
van den Hauvel, H., Cranen, B., Rietveld, T. Speaker variability in the coarticulation of /a,i,u/ 76863
van den Herik, H.J. *see* Postma, E.O. 103702
van den Heuvel, F. Automated 3-D measurement for computer aided manufacturing in shipbuilding 68972
van den Heuvel, R.A. *see* Emons, C.H.H. 84325
Van den Hove, L., Ronse, K. Optical lithography techniques for 0.25 µm and below 63490
van den Hoven, G.N., Polman, A., van Dam, C., van Uffelen, J.W.M., Smit, M.K. Direct imaging of optical interference in erbium-doped Al_2O_3 waveguides 64730
van den Hoven, G.N. *see* Nishiyama, A. 61209
van den Hoven, G.N. *see* Priolo, F. 114898
van den Hoven, G.N. *see* Snoeks, E. 107196
van den Hoven, G.N. *see* Tiemeijer, L.F. 96385
Van Den Hoven, S. *see* Gossen, L. 81959
van den Meerendonk, H. *see* Smulders, P. *(editor)* 72022
Van den Nouweland, A., Borm, P., van Golstein Brouwers, W., Bruinderink, R.G., Tijs, S. A game theoretic approach to problems in telecommunication 77771
Van den Poel, C.J. *see* Sainov, V. 96795
Van den Torren, L. *see* Peeters, J. 118700
van der Beek, M.H.E. *see* Gijsen, F.J.H. 120337
van der Berg, M., Ferreira, J.A. A family of low EMI, unity power factor converters 121771
Van der Burg, W.J. *see* Polder, G. 92293
van der Burgt, M. *see* Daly, M.S. 63023
van der Burgt, M. *see* Ryan, D.T. 95411
van der Burgt, M. *see* Van Cleemput, M. 96973
Van Der Does, T., Brown, M., Verhagen, B. The role of promotional organisations in the development of cogeneration 91310
Van Der Drift, E., Cheung, R., Zijlstra, T. Dry etching and induced damage 114933
van der Drift, E. *see* Werner, K. 103923
van der Drift, E.W.J.M. *see* Lukey, P.W. 84499
van der Eems, B. The strategic importance of ATM 87568
van der Gaast, H.A. The standardisation of fluorine-18 69965
van der Geer, C. *see* Caplan, M. 96076
van der Geer, C.A.J. *see* Urbanus, W.H. 96085
van der Geer, G., van der Vlugt, M. Quadratic forms, generalized Hamming weights of codes and curves with many points 97431
van der Giessen, P.-H. Collimator-related radiation dose for different cobalt machines and linear accelerators 90665
Van Der Goes, F.M.L., Meijer, G.C.M. A novel low-cost capacitive-sensor interface 69059
Van Der Goes, F.M.L., Meijer, G.C.M. A novel low-cost and accurate multiple-purpose sensor interface with continuous autocalibration 110071
van der Goes, F.M.L., Meijer, G.C.M. Sigma-delta versus oscillator-based converters in low-cost accurate sensor systems 119579
Van Der Goes, F.M.L. *see* Khadouri, S.H. 110053
van der Graaf, A., Fredrikze, H., Rekveldt, M.T. Polarized neutron reflectometry on metal evaporated videotapes 95368
van der Graaf, A., Fredrikze, H., Rekveldt, M.T., Stupp, S.E. Polarized neutron reflectometry on a two-layer ME tape 106543
van der Graaf, W.A. *see* De Jagher, P.C. 96316
Van Der Gracht, J., Dowski, E.R., Jr., Taylor, M.G., Deaver, D.M. Broadband behavior of an optical-digital focus-invariant system 99889
van der Green, S. *see* Sutherland, J. 116289
van der Hage, R.J. *see* Tarucha, S. 114792
van der Hart, A. *see* Appenzeller, J. 63826
van der Hart, A. *see* Horstmann, M. 89103
Van Der Heiden, M.S. *see* Pasterkamp, G. 120398
Van Der Heiden, R., Groen, F.C.A. Distance based range profile classification techniques for aircraft recognition by radar–a comparison on real radar data 80730
van der Heijde, G.L. *see* Vos, F.M. 110659
Van der Heijden, G.W.A.M. *see* Polder, G. 92293
van der Hel, W. *see* Evmolpidis, V. 99423
van der Heyden, M.J., Diks, C., Pijn, J.P.M., Velis, D.N. Time reversibility of intracranial human EEG recordings in mesial temporal lobe epilepsy 90514
Van Der Hofstad, G.L.A. *see* Binsma, J.J.M. 65224
van der Horn, G. *see* Lyahou, K.F. 110089
van der Horst, R. *see* Hogema, J. 100338
van der Houwen, P.J. The development of Runge-Kutta methods for partial differential equations 72662
Van der Houwen, P.J., Sommeijer, B.P., de Swart, J.J.B. Parallel predictor-corrector methods 61041
van der Keur, P. *see* Jiankang Ji 120865
Van Der Kloet, R. *see* Shannon, J.M. 89258
van der Koijk, J.F. *see* de Bree, J. 110912
van der Kooij, M.W.A., Armour, B., Ehrismann, J., Schwichow, H., Sato, S. A workstation for spaceborne interferometric SAR data 111080
Van Der Kooij, M.W.A. *see* Van Halsema, D. 111180
van der Kouwe, A.J.W. *see* Cilliers, P.J. 70124
van der Laan, J. *see* Luijckx, G. 79917
Van der Laan, P. Distributional and efficiency results for subset selection 92407
van der Linde, H.A. Wind energy in South Africa–where does it fit in? 102549
van der Linden, F.X. *see* Schram, G. 98170
van Der Linden, G.M. *see* Flipse, M.C. 106848
van der Linden, M., Valent, L., Veeger, H.E.J., van der Wonde, L.H.V. The effect of wheelchair handrim tube diameter on propulsion efficiency and force application (tube diameter and efficiency in wheelchairs) 110943
Van der Loos, M. *see* Leifer, L. 80500
van der Meer, A.F.G. *see* Jaroszynski, D.A. 107399
Van Der Meer, A.F.G. *see* Knippels, G.M.H. 65377
van der Meer, A.F.G. *see* Knippels, G.M.H. 96499
van der Meer, F. *see* Veenland, J.F. 80211
van der Meer, P.J., Lagendijk, R.L., Biemond, J. A constant quality MPEG coder with bit stream shaping and peak rate control 86911
Van der Mei, R.D. *see* Blanc, J.P.C. 60793
van der Meijs, N.P. *see* Elias, P.J.H. 74789
Van Der Meijs, N.P. *see* Elias, P.J.H. 84561
van der Meijs, N.P. *see* Nowacka, E.B. 63860
van der Meijs, N.P. *see* Smedes, T. 61533
van der Meijs, N.P. *see* Smedes, T. 84543
van der Meijs, N.P. *see* van Genderen, A.J. 73570
Van Der Meijs, N.P. *see* Van Genderen, A.J. 84560
Van Der Merwe, D.G., Vincent, J.B. GaAs MMICs for commercial microwave products 114329
Van Der Merwe, D.G. *see* Van Der Westhuizen, P. 114162

Van Der Merwe, D.G. *see* Vincent, J.B. 113785
Van Der Merwe, E.F., Perold, W.J. An introduction to superconductivity 115951
Van der Merwe, F.S. *see* Kamper, M.J. 111930
Van Der Merwe, F.S. *see* Zhao, J. 102633
van der Merwe, I. *see* Mostert, J. 102245
van der Mullen, J.A.M. *see* Benoy, D. 112600
van der Pas, R. *see* Streng, M. 104583
Van der Perre, L., Van de Capelle, A. Study of the HF-channel with the view of the use of wideband communication techniques 97100
van der Perre, L. *see* Schreurs, D. 60479
Van der Plaats, J.C. *see* Muys, W. 78816
van der Plaats, J.C. *see* Willems, F.W. 65083
van der Plaats, J.C. *see* Willems, F.W. 88565
van der Plaats, J.C. *see* Willems, F.W. 88589
Van der Plas, G., Smets, R., Suard, B., Verbiest, W. Demonstration of an ATM-based passive optical network in the FTTH trial on Bermuda 78251
van der Plas, G. *see* van de Voorde, I. 88579
Van Der Plas, G. *see* Vandenameele, J. 79169
van der Plicht, J. *see* Wijma, S. 100993
Van der Ploeg, A., Botta, E.F.F., Wubs, F.W. Nested grids ILU-decomposition (NGILU) 60997
van der Poel, C.J. *see* Hendriks, R.F.M. 96596
van der Poel, C.J. *see* Morrison, A.P. 76029
van der Pol, E. *see* Moelker, D.-J. 79033
Van Der Pol, J. *see* Krabbenborg, B. 119507
van der Pol, J. *see* Kuper, F. 95124
Van Der Pol, J.A., Kuper, F.G., Ooms, E.R. Relation between yield and reliability of integrated circuits and application to failure rate assessment and reduction in the one digit FIT and PPM reliability era 115296
van der Pol, J.A., Ooms, E.R., Brugman, H.T. Short loop monitoring of metal stepcoverage by simple electrical measurements 94838
Van der Pol, J.A. *see* Ragay, F.W. 112951
van der Poorten, A.J. *see* Brent, R.P. 103654
van der Puije, P.D. *see* Williamson, J.M. 60613
van der Put, E.J.E., van den Boom, H.P.A., van Etten, W.C. Frequency spectra in an optical CPFSK heterodyne delay demodulating receiver using Manchester coding 88453
Van Der Schoot, H. *see* Hong Liu 87423
van der Sluis, L. *see* Jongepier, A.G. 102255
Van Der Spuy, O., Van Der Walt, P.W. A second generation low cost duplexer 119301
van der Steen, A.F.W. *see* Li, W. 90471
Van der Steen, H.J.L. *see* Ciucci, A. 111302
van der Tol, J.J.G.M. *see* van Dam, C. 106833
van der Tol, J.J.G.M. *see* Vreeburg, C.G.M. 103953
van der Vaart, N.C. *see* Kouwenhoven, L.P. 105407
van der Veen, A.-J., Paulraj, A. An analytical constant modulus algorithm 66813
van der Veen, A.-J. *see* Gotze, J. 76989
van der Veen, A.-J. *see* Lindgren, U. 117508
van der Veen, J.F. *see* de Haas, E. 64173
Van Der Vleuten, R.J., Weber, J.H. Optimized signal constellations for trellis-coded modulation on AWGN channels 76696
van der Vlies, M.C. The transition from monopoly to competition in Australian telecommunications 98538
van der Vlist, A. *see* Noordam, P. 118302
van der Vlugt, M. Non-BCH triple-error-correcting codes 97566
van der Vlugt, M. *see* van der Geer, G. 97431
Van der Vorst, A. *see* Vanhoenacker, D. 112771
van der Vorst, C. *see* Coceva, C. 120176
Van Der Vorst, C.P.J.M. *see* Flipse, M.C. 106848
Van der Vorst, H.A. *see* Fokkema, D.R. 72609
Van der Vorst, H.A. *see* Sleijpen, G.L.G. 61019
Van Der Vorst, H.A. *see* Sleijpen, G.L.G. 103756
van der Vorst, R. The local company project: involving local companies in undergraduate environmental engineering education 72141
van der Wal, G. *see* Hansen, M. 77133
Van der Wal, M., Start, E.W., De Vries, D. Design of logarithmically spaced constant-directivity transducer arrays 88869
Van der Wall, E.E. *see* Holman, E.R. 69986
Van Der Walt, P.W. *see* Van Der Spuy, O. 119301
Van Der Walt, P.W. *see* Wilhelm, J.A. 119302
Van Der Weg, W.F. *see* Meiling, H. 113418
van der Weijde, P.J., Groenenboom, P.H.L. How explicit finite element analysis helped reduce oil-rig down time 82772
van der Wel, W., Koster, R., Jansen, S.C.L., Ahlrichs, F.W., Baltus, P.G.M., Kant, G.W. A low-power, ultra-low capacitance BICMOS process applied to a 2 GHz low-noise amplifier 104820
van der Wel, W., Koster, R., Jensen, S., Hurkx, F., Bladt, E. Low-power, ultra-low capacitance bipolar transistor compatible with mainstream CMOS 84323
van der Werf, D. *see* Witting, W. 101384
van der Westhuizen, M.J., Harley, R.G., Levy, D.C. The use and development of specialised software tools for parallel real-time controllers for power electronic systems 93124
van der Westhuizen, M.J., Levy, D.C., Harley, R.G. Real-time scheduling of high-performance neural network controllers for induction motors 121471
Van Der Westhuizen, P., Vincent, J., Van Der Merwe, D.G. Ku-band frequency doubler using GaAs MMIC technology 114162
van der Wiel, M.J. *see* Urbanus, W.H. 96085
van der Wijk, F., Janssen, G.M.J., Prasad, R. Groupwise successive interference cancellation in a DS/CDMA system 88363
Van der Woerd, A.C. *see* Koster, R. 62071
Van der Woerd, A.C. *see* Mulder, J. 82970
van der Wonde, L.H.V. *see* van der Linden, M. 110943
van der Zaag, P.J. *see* Ball, A.R. 106573
Van der Zanden, K. *see* Baeyens, Y. 62314
Van der Zanden, K. *see* Schreurs, D. 104834
Van Der Zanden, K. *see* Schreurs, D. 115253
van der Zant, H.S.J. Quantum, ballistic vortices 95474
van der Zant, H.S.J. *see* Trias, E. 115926
Van Der Zel, G.L., Reynders, J.P. Application of unique measuring techniques to positive impulse corona stabilisation in SF$_6$ 64064
Van der Zel, V.M., Blewett, M.J., Clark, C.S., Hamill, D.C. Three generations of DC power systems for experimental small satellites 70408
van der Ziel, J.P. *see* Newell, B.L. 74087
Van der Ziel, J.P. *see* Xuefei Tang 96285
van der Zwan, E.J., Dijkmans, E.C. A 0.2 mW CMOS ΣΔ modulator for speech coding with 80 dB dynamic range 73485
Van Dessel, M., Belmans, R., Hanitsch, R., Hemead, E.A. Design of a small, axial-flux permanent-magnet motor 71233
Van Dessel, M., Henneberger, S., Johansson, T.B., Belmans, R., Hanitsch, R. Design and optimisation of extra small and micromotors 91583
van Deventer, M.O., Wingstrand, S., Hermansson, B., Bolle, A., Jalderot, P., Backdahl, C., Karlsoon, J. BER floor due to modulation instability in a 2.5 Gbit/s field trial with +22 dBm booster EDFA 88496
van Deventer, M.O. *see* Steenbergen, C.A.M. 88573
Van Deventer, T.E. *see* Fahmy, H.M. 83326
van Deventer, T.E. *see* Fahmy, H.M. 93678
Van Dierendonck, A.J. *see* Enge, P. 68768
Van Dieten, V.E.J., Schoonman, J. Electrochemical vapour deposition of doped LaCrO$_3$ 81845
Van Dievel, M. *see* Witvrouw, A. 115033
van Diggelen, F. *see* Brown, P. 88769
van Dijk, G. *see* Urbanus, W.H. 96085
van Dijk, M. The binary symmetric broadcast channel with confidential messages, with tampering 66483
Van Dommelen, D. *see* Belmans, R. 72118
Van Dommelen, D. *see* Driesen, J. 111524
Van Dommelen, D. *see* Janssens, N. 90947
Van Dommelen, D. *see* Van Craenenbroeck, T. 101701
van Dongen, B.A.M. *see* Jaspers, B.C. 81777
van Dongen, M.E.H. *see* Gijsen, F.J.H. 120337
Van Dongen, T. *see* Binsma, J.J.M. 65224
van Dongen, T. *see* Staring, A.A.M. 96384
van Dongen, T. *see* Thijs, P.J.A. 107280
van Dongen, T. *see* Tiemeijer, L.F. 76024
van Dongen, T. *see* Tiemeijer, L.F. 76036
van Dongen, T. *see* Tiemeijer, L.F. 76037
van Dongen, T. *see* Tiemeijer, L.F. 96385
van Doninck, W. *see* Bouhali, O. 120166
van Dooren, G.A.J. *see* Govaerts, H.J.F.G. 76431
Van Dooren, P. *see* Gallivan, K. 60992
Van Dooren, R., Janssen, H. A continuation algorithm for discovering new chaotic motions in forced Duffing systems 61045
Van Dooren, S. *see* Witvrouw, A. 115033
Van Doorn, A.J. *see* Koenderink, J.J. 60946
van Doorn, A.J. *see* Koenderink, J.J. 117683
van Doorn, A.K.J. *see* van Exter, M.P. 96337
van Doorn, A.K.Jansen *see* Jansen van Doorn, A.K.
van Doorne, C. *see* Vermeer, L.J. 102543
Van Doorselaer, K., Swerts, U., Van Den Bempt, L. Broadening the use of emission microscopy 95138
Van Doorselaer, K. *see* Van Camp, R. 115355
van Dordrecht, A. *see* Peacock, A. 99994
Van Doren, T.P. *see* Hockanson, D.M. 97194
van Dorp, J.Rene *see* Rene van Dorp, J.
van Dover, R.B. *see* Korenivski, V. 75155
Van Dover, R.B. *see* Lotfi, A. 114353
van Dover, R.B. *see* Suzuki, F. 75184
van Dover, R.B. *see* Suzuki, Y. 75164
Van Drent, W.P., Suzuki, T., Meng, Q., Lodder, J.C., Popma, Th.J.A. Spectroscopic Kerr investigations of CoNi/Pt multilayers 75188
van Drent, W.P. *see* Meng, Q. 115612
van Drieenhuizen, B.P. *see* French, P.J. 106258
van Driel, H. *see* Atanasov, R. 105439
Van Driel, H.M. *see* Bloch, J. 94613
van Driel, H.M. *see* Ledgerwood, M.L. 105115
van Driel, H.M. *see* Mihaychuk, J. 114833
Van Driessche, I., Persyn, F., Fiermans, L., Hoste, S. A statistical Plackett-Burman design of the thermal process in the synthesis of the Bi-2223 HTSC 113535
Van Druten, B.J.M. *see* Jurg, A. 95148
Van Duesen, H. *see* Foster, C. 73845
Van Duppen, P., Andrzejewski, J., Bijnens, N., Franchoo, S., Gentens, J., Huyse, M., Kudryavtsev, Y.A., Piechaczek, A., Reusen, I., Rykaczewski, K., Szerypo, J., Van den Bergh, P., Vermeeren, L., Wauters, J., Woehr, A. A study of ^{78}Ni at an on-line mass separator: utopia or reality? 69686
Van Duppen, P. *see* Catford, W.N. 69884
Van Dusen, C.H., Tabatabai, A., Penney, B.J., Naveen, T. MPEG2 4:2:2@ML–from concept to an implementation 119414
van Duuren, M.J., Adelerhof, D.J., Brons, G.C.S., Kawai, J., Uehara, G., Kado, H., Flokstra, J., Rogalla, H. Frequency readout of relaxation oscillation superconducting quantum interference devices in the GHz regime 115947
van Duuren, M.J., Lee, Y.H., Adelerhof, D.J., Kawai, J., Kado, H., Flokstra, J., Rogalla, H. Multichannel SQUID magnetometry using double relaxation oscillation SQUID's 69029
Van Dyck, D., Op De Beeck, M. Direct atomic structure determination of materials through computerised electron microscopy 105087
Van Dyck, R.E., Marshall, T.G., Jr, Chin, M., Moayeri, N. Wavelet video coding with ladder structures and entropy-constrained quantization 117587
Van Dyke, C. Use of the GPS and GLONASS satellite radionavigation systems to provide the required level of characteristics of a global navigation satellite system 109827
Van Dyke, K.L. Fault detection and exclusion performance using GPS and GLONASS 68756
Van Dyke, P., Hardy, C., St-Louis, M., Gardes, J.-L. Comparative field tests of various practices for the control of wind-induced conductor motion 121187
Van Eetvelt, P., Wade, G., Tomlinson, M. Peak to average power reduction for OFDM schemes by selective scrambling 117142
Van Eijk, C.A.J., Jess, J.A.G. Exploiting functional dependencies in finite state machine verification 73181
van Eijk, C.W.E. *see* Knitel, M.J. 90147
van Eijk, C.W.E. *see* Leliveld, C.J. 101253
Van Emon, J.M. *see* Sadik, O.A. 79586
Van Es, H.W., Feldberg, M.A.M., Ramos, L.M.P., Witkamp, T.D. MRI of the brachial plexus 80291
Van Es-Spiekman, W. *see* Jongenelis, A.P.J.M. 74297
van Esch, A. *see* de Boeck, J. 61283
Van Esch, A. *see* De Boeck, J. 64201
Van Est, A., Van Leeuwen, M. A shared vision on EasyVision: user involvement in product development 80292
van Est, J.W. *see* Gijs, M.A.M. 95353
Van Etten, W. Infrastructure for the electronic highway 109684
van Etten, W. *see* Lennartz, C. 100368
van Etten, W. *see* Tattje, H. 78828
van Etten, W.C. *see* van der Put, E.J.E. 88453
van Ewijk, L.J. The finite difference time domain method on a massively parallel computer 85854
van Exter, M.P., van Doorn, A.K.J., Hendriks, R.F.M., Woerdman, J.P. Transverse anisotropy and mode structure in VCSELs 96337
van Exter, M.P. *see* Hendriks, R.F.M. 96596
van Exter, M.P. *see* Jansen van Doorn, A.K. 96323
van Exter, M.P. *see* Kuppens, S.J.M. 65046
van Eyssen, J., Petroianu, A. An investigation of characteristics for tripping protection detecting out-of-step conditions. An ESKOM case study 111662
Van Fleet, P.J. *see* Massopust, P.R. 97820
Van Gassel, R.A.P. *see* Flipse, M.C. 106848
van Geel, I.P.J., Oppelaar, H., Marijnissen, J.P.A., Stewart, F.A. Influence of fractionation and fluence rate in photodynamic therapy with photofrin or mTHPC 80471
Van Geert, A. *see* De Moor, P. 69800
Van Gelderen, P. *see* Guoying Liu 70090
van Gemert, M.J.C., Lucassen, G.W., Welch, A.J. Time constants in thermal laser medicine. II. Distributions of time constants and thermal relaxation of tissue 101418
Van Gemert, M.J.C. *see* Sterenborg, H.J.C.M. 70191
Van Genderen, A.J., Van Der Meijs, N.P. Using articulation nodes to improve the efficiency of finite-element based resistance extraction 84560
van Genderen, A.J., van der Meijs, N.P., Smedes, T. Fast computation of substrate resistances in large circuits 73570
van Genderen, A.J. *see* Smedes, T. 61533
van Genderen, A.J. *see* Smedes, T. 84543
Van Gennip, E.M.S.J. *see* Enning, C.J.W.A. 110649
van Genuchten, M. *see* Gal, R. 112841
van Genuchten, M. *see* Rooijams, J. 119398
Van Gerwen, P., Slater, T., Chevrier, J.B., Baert, K., Mertens, R. Thin-film boron-doped polycrystalline silicon$_{70\%}$-germanium$_{30\%}$ for thermopiles 89066
Van Gerwen, P. *see* Slater, T. 84650
Van Gerwen, P. *see* Vissers, K.A. 97910
Van Gestel, P. *see* Binsma, J.J.M. 65224
van Gils, M. *see* Gade, J. 110853
van Gils, R.A.J.C.M. *see* Kruger, U. 68462
van Golstein Brouwers, W. *see* Van den Nouweland, A. 77771
van Gompel, F.M. *see* van Heesch, E.J.M. 81069
Van Gool, L., Moons, T., Proesmans, M. Mirror and point symmetry under perspective skewing 86395
Van Gool, L., Moons, T., Ungureanu, D. Affine/photometric invariants for planar intensity patterns 67272
Van Gool, L. *see* Pollefeys, M. 67223
van Gool, L. *see* Pollefeys, M. 86793
Van Goor, F.A. *see* Mitko, S.V. 107108

van Goor, F.A. *see* Witteman, W.J. 116365
Van Graas, F., Lee, S.-W. High-accuracy differential positioning for satellite-based systems without using code-phase measurements 70382
van Greevenbroek, H.R.M. *see* de Leeuw, R.W. 100711
van Haesendonck, C. *see* Strunk, C. 95478
Van Haeverbeke, S. *see* De Pauw, P. 115299
van Halen, E.C. *see* van Wingerden, J. 82625
Van Halen, P., Boyle, G.R. SPICE-compatible behavioral phase-space simulation techniques for phase-locked systems 73065
Van Halen, P., Boyle, G.R. Redefining the virtual instrument: merging simulation and test and measurement 82830
Van Halen, P. *see* Pierzchala, E. 113771
Van Halsema, D., Van Der Kooij, M.W.A. Satellite radar measurements of land subsidence 111180
van Ham, F.P.G.M. *see* Spiekman, L.H. 78883
van Ham, F.P.G.M. *see* van Dam, C. 106833
van Haren, R.J.F., Blom, F.A.P., de Lange, W., Wolter, J.H. Imaging of edge channels in the integer quantum Hall regime by the lateral photoelectric effect 105256
Van Harlingen, D.J., Wollman, D.A. Determining the symmetry of the superconducting pairing state from phase coherence in Josephson junctions and dc SQUIDs 75362
Van Harmelen, G.L., Lane, I.E. An object oriented approach for determining the system response of centralised and decentralised domestic load control options 101951
Van Harmelen, G.L., Lane, I.E. A statistical model for hot water load in the residential sector 102011
van Hasselt, C.W. *see* Aksipetrov, O.A. 74433
van Hasselt, C.W. *see* Aktsipetrov, O.A. 84009
van Hasselt, C.W. *see* Aktsipetrov, O.A. 85696
Van Hasselt, C.W. *see* Aktsipetrov, O.A. 96733
van Hasselt, C.W. *see* Rubtsov, A.N. 107518
Van Hauwermeiren, L. *see* Struyve, K. 77628
Van Hauwermeiren, L. *see* Vanderstraeten, H. 108950
van Hecke, H. *see* Britton, C.L., Jr. 110617
van Hecke, T. *see* de Meyer, H. 103722
van Heesch, E.J.M., Dagelinckx, M.H.P., van Gompel, F.M., Blom, P.P.M. Surge corona propagating along a transmission line 81069
Van Heeswyk, F., Falconer, D.D., Sheikh, A.U.H. Decorrelating detectors for quasi-synchronons CDMA 109449
van Heeswyk, F., Falconer, D.D., Sheikh, A.U.H. A delay independent decorrelating detector for quasi-synchronous CDMA 119021
Van Herk, M. *see* Essers, M. 70218
Van Herk, M. *see* Gilhuijs, K.G.A. 70217
Van Herk, M.B. *see* de Munck, J.C. 120294
Van Herle, J., Horita, T., Kawada, T., Sakai, N., Yokokawa, H., Dokiya, M. Preparation of doped ceria powder 81857
van Herwaarden, S. Physical principles of thermal sensors 89000
Van Hese, J. *see* Sercu, J. 114225
van Heuveln, F.H. *see* Huijsmans, J.P.P. 81756
Van Heuveln, F.H. *see* Van Berkel, F.P.F. 81855
van Himbeeck, C. *see* Delogne, P. 88794
van Himbergen, J.E., Hagenaars, T.J., Jose, J.V., Tiesinga, P.H.E. Single and collective vortex dynamics in classical Josephson-junction arrays 95466
Van Hoof, C. *see* De Boeck, J. 64201
Van Hoof, C. *see* Grietens, B. 116272
Van Hoof, C. *see* Yan, Z.C. 116277
van Hoorebeke, L., Fabry, A., van Walle, E., van de Velde, J., Segers, D., Dorikens-Vanpraet, L. A three-detector positron lifetime setup suited for measurements on irradiated steels 69770
Van Houdt, J., Wellekens, D., Vanhorebeek, G., Haspeslagh, L., Deferm, L., Groeseneken, G., Maes, H.E. Investigation and suppression of the gate disturb effect in source-side injection flash EEPROM arrays 83117
Van House, D.L. *see* Kappenman, J.G. 91163
Van Houten, C. *see* Joseph, C.L. 79528
Van Houten, H., Beenakker, C. Quantum point contacts 95088
Van Houten, H. *see* Liefrink, F. 62926
Van Hove, J.M., Carpenter, G., Nelson, E., Wowchak, A., Chow, P.P. III-N light emitting diodes fabricated using RF nitrogen gas source MBE 103878
Van Hove, M. *see* Baeyens, Y. 62314
Van Hove, M. *see* Pereira, R.G. 83847
van Hove, M. *see* Schreurs, D. 73816
Van Hove, M. *see* Schreurs, D. 83516
Van Hove, M. *see* Schreurs, D. 104834
Van Hove, M. *see* Schreurs, D. 115253
Van Hove, M. *see* Zeng, A. 107020
Van Huffel, S. Comment on "Estimating the parameters of exponentially damped/undamped sinusoids in noise: a non-iterative approach, by Debasis Kundu and Amit Mitra" 97735
Van Huffel, S., Haesun Park, Rosen, J.B. Formulation and solution of structured total least norm problems for parameter estimation 117316
van Hulst, N.F. *see* Ruiter, A.G.T. 99935
van Joolingen, W. *see* de Jong, T. 112796
van Kaick, G. *see* Essig, M. 80279
van Kampen, M. *see* Waschek, T. 120487
Van Keer, R., Dupre, L.R., Melkebeek, J.A.A. On a numerical method for 2D magnetic field computations in a lamination with enforced total flux 96868
Van Kempen, H. *see* Groeneveld, R.H.M. 69425
van Kempen, H. *see* Groeneveld, R.H.M. 119824
van Kempen, H. *see* Penning, F.C. 99902
van Kempen, H. *see* Prins, M.W.J. 64461
van Kerkhof, J.C., Bergveld, P. Characterization of silylated ISFETs by ion-step measuring method 69336
van Kesteren, H.W. *see* Lohndorf, M. 64382
Van Keuk, G. Multihypothesis tracking using incoherent signal-strength information 97677
Van Keuls, F.W., Hu, X.L., Dahm, A.J., Jiang, H.W. The Coulomb gap and the transition to Mott hopping 105298
Van Keuren, A.E. *see* Tamaoki, N. 95638
Van Keuren, E., Matsuda, H., Kamata, T., Fukaya, T., Mizukami, F. Third-order nonlinear optical properties of one-dimensional metal complexes by the pump-probe method 85637
van Klinken, J. *see* Ditzel, E. 100992
van Klinken, J. *see* Hoogduin, J.M. 120201
Van Koetsem, J. *see* De Pestel, G. 119219
van Kranenburg, H. *see* Bijlsma, S.J. 89353
van Kranenburg, H. *see* Bijlsma, S.J. 105518
van Kranenburg, H. *see* Klootwijk, J.H. 83816
Van Kranenburg, H. *see* Klootwijk, J.H. 84017
van Kranenburg, H. *see* de Graaff, H.C. *(editor)* 72012
Van Kreveld, M. Efficient methods for isoline extraction from a TIN 77240
van Kuyen, M. *see* Turkawski, S.J.J. 120265
Van Laere, A.R., Breuls, A.H.E., Geertman, R., Kuyt, G. Powerful measurement tools to control PMD 64675
van Lancker, L. *see* Bouhali, O. 120166
Van Landuyt, J. *see* Frangis, N. 94711
Van Landuyt, J. *see* Frangis, N. 113335
Van Landuyt, J. *see* Kaltsas, G. 113332
Van Landuyt, J. *see* Muret, P. 114804
Van Landuyt, J. *see* Teodorescu, V.S. 104110
van Langenhove, L., Berloznik, R. TA positions and TA storylines; towards a social constructionist framework of technology assessment 103363
van Langevelde, H.J. Space VLBI; the VSOP mission 79114
Van Langevelde, R., Blieck, S., Vandamme, L.K.J. Noise in DMOS transistors in a BICMOS-technology 95211
van Leeuwen, K.A.H. *see* Fey-den Boer, A.C. 116487
Van Leeuwen, M. *see* Van Est, A. 80292
Van Leeuwen, M.G. *see* De Haan, P.E. 84608
Van Lengen, H. *see* Burger, M. 82571
Van Lieshout, R. *see* Trueb, T.O. 92003
Van Loo, S. *see* Eggenhuisen, H. 98860
Van Luu, D. *see* Craven, B.D. 82443
van Mal, H.H. *see* Smallenburg, K. 72209
Van Marck, H. *see* Strooband, D. 93281
Van Meerbeke, B. *see* Sturzebecher, D. 86007
Van Meerbeke, W. *see* Paolella, A. 73697
Van Meerbreke, W. *see* Paolella, A. 83394
Van Metter, R. *see* Slone, R.M. 90326
Van Metter, R.L. *see* Yip, K.L. 120386
Van Meurs, R. *see* Chan, T. 63328
van Mier, G.P.M., Sterke, C.J.L.M., Stevels, A.L.N. Life-cycle costs calculations and green design options. Computer monitors as example 72191
Van Moorsel, A.P.A., Haverkort, B.R. Probabilistic evaluation for the analytical solution of large Markov models: algorithms and tool support 60827
van Moorsel, A.P.A., Kant, L.A., Sanders, W.H. Computation of the asymptotic bias and variance for simulation of Markov reward models 67755
van Moorsel, A.P.A. *see* Qureshi, M.A. 113150
van Nee, R.D. *see* t'Hart, B.W. 99175
van Nee, R.D.J. *see* W.'t Hart, B. 119025
Van Niekerk, C., Meyer, P. A new approach for the extraction of an FET equivalent circuit from measured S parameters 63789
van Niekerk, C. *see* van Zyl, J.E. 100288
Van Niekerk, H.R. *see* Van Alphen, J.C. 72237
Van Nieuwenhove, K. *see* Neefs, M. 98929
Van Nieuwenhove, K. *see* Van Canneyt, M. 98943
van Nieuwenhove, R. Improved cable compensation technique for self powered neutron detectors 69855
van Nobelen, Taylor, D.P. Geometrically uniform trellis codes for the Rayleigh-fading channel 76815
Van Noije, W.A.M. *see* Romao, F.L. 98975
van Noorden, L., Griffith, M. The Interactive Digital Multimedia Services domain in ACTS 1995-1998 118602
Van Nuland, E., Spierings, W., Govers, N. Development of an Office Holoprinter V 96752
van Oerle, B.M., Ernst, G.J. Autocorrelation measurements of bursts of picosecond pulses 107204
van Oerle, B.M. *see* Ernst, G.J. 96457
van Oers, W.T.H. *see* Zelenski, A.N. 90070
van Oers, W.T.H. *see* Zelenski, A.N. 120077
van Oorschot, P.C., Wiener, M.J. On Diffie-Hellman key agreement with short exponents 76835
Van Oorschot, P.C., Wiener, M.J. Improving implementable meet-in-the-middle attacks by orders of magnitude 97504
van Oorschot, P.C. *see* Preneel, B. 76818
Van Oorschot, P.C. *see* Preneel, B. 97539
van Oort, J.M. *see* McInturff, A.D. 100414
Van Oost, E. *see* Dijon, J. 107451
van Osch, T. *see* Lennartz, C. 100368
van Osch, T.W.H. *see* Jennen, J.G.L. 78831
van Otterlo, A. *see* Wagenblast, K.H. 95473
Van Overschee, P. *see* De Moor, B. 61022
Van Overstraeten, R. *see* Nijs, J. 103004
Van Overstraeten, R. *see* Szlufcik, J. 112416
Van Parys, H. *see* Codenie, J. 93171
Van Putten, A. *see* Mullins, M. 69048
Van Putten, A.F.P. *see* Van Putten, M.J.A.M. 110437
Van Putten, M.H.P.M. *see* Van Putten, M.J.A.M. 110437
Van Putten, M.J.A.M., Van Putten, M.H.P.M., Van Putten, A.F.P. Highly accurate flow measurements with thermal flow sensors using the alternating direction method 110437
Van Reeth, F., Coninx, K., Flerackers, E. Multimedia over narrowband networks 118566
Van Renesse, R. Masking the overhead of protocol layering 118122
van Renesse, R.L. Optical inspection techniques for security instrumentation 66878
van Rensburg, D.J.Janse *see* Janse van Rensburg, D.J.
van Rensburg, N.F.J. *see* Jooste, B.R. 88965
van Rienen, U., Clemens, M., Weiland, T. Simulation of low-frequency fields on high-voltage insulators with light contaminations 70953
van Rienen, U., Clemens, M., Weiland, T. Computation of low-frequency electromagnetic fields 102224
van Rienen, U., Pinder, P., Weiland, T. Consistent finite integration approach for coupled calculation of electromagnetic fields and stationary temperature distributions 107699
van Rijk, P.P. *see* Beekman, F.J. 101162
Van Roermund, A.H.M. *see* De Jong, P.C. 110051
van Roermund, A.H.M. *see* Goossens, M.J. 62117
Van Roermund, A.H.M. *see* Koster, R. 62071
Van Roermund, A.H.M. *see* Mulder, J. 82970
van Roermund, A.H.M. *see* van Staveren, A. 61623
van Roijen, R., Koumans, R.G.M.P., Verbeek, B.H. Monolithic passively mode-locked semiconductor lasers–theory and experiment 96355
Van Rompaey, K., Verkest, D., Bolsens, I., De Man, H. CoWare–a design environment for heterogeneous hardware/software systems 118775
van Rompaey, Y. *see* Kauranen, M. 96739
van Rooij, M., Bertuzzi, J.-P., Brouet, M., Burlet, A., Burnside, C., Gavaggio, R., Petty, L., Poncet, A. The vacuum upgrade of the CERN PS and PS booster 100430
Van Rooij, M. *see* Blas, F. 79935
Van Roosmalen, A.J. *see* Shannon, J.M. 89258
van Roosmalen, H. *see* Huy Linh Anh Le 78028
Van Roosmalen, H.R.R. *see* Prasad, R. 108866
van Roosmalen, J.A.M. *see* Jaspers, B.C. 81777
van Rooy, M. *see* Werner, K. 103923
van Rooy, T.L. *see* Fransen, M.J. 73966
van Rooyen, P., Lotter, M., Swartz, F., Kohno, R. Partitioned Markov model for DS/SSMA 67569
van Rooyen, P., Solms, F. Maximum entropy investigation of the inter user interference distribution in a DS/SSMA system 99086
van Rossum, A.C. *see* Galjee, M.A. 101273
Van Rossum, A.C. *see* Holman, E.R. 69986
Van Rossum, M. *see* Baeyens, Y. 62314
Van Rossum, M. *see* Pereira, R.G. 83847
van Rossum, M. *see* Schreurs, D. 73816
Van Rossum, M. *see* Schreurs, D. 83516
Van Rossum, M. *see* Schreurs, D. 104834
Van Rossum, M. *see* Schreurs, D. 115253
Van Rossum, M. *see* Wan, C. 100271
van Roy, W., Akinaga, H., Miyanishi, S., Tanaka, K., Kuo, L.H. Epitaxial MnGa/(Mn, Ga, As)/MnGa trilayers: growth and magnetic properties 92687
van Roy, W. *see* de Boeck, J. 61283
van Ruijven, L.J. *see* Turkawski, S.J.J. 120265
Van Ruymbeke, D. *see* Verhoeve, P. 69230
van Ruymbeke, G., Enz, C., Krummenacher, F., Declercq, M. A BiCMOS programmable continuous-time filter using voltage-companding 104685
van Ruymbeke, G. *see* Yang, F. 104690
Van Saders, J. *see* Al-Kuran, S. 115254
Van Sark, W.G.J.H.M. *see* Meiling, H. 113418
van Schaik, A., Fragniere, E., Vittoz, E. An analogue electronic model of Ventral Cochlear Nucleus neurons 62108
Van Schaik, F.A. *see* Arreguit, X. 79543
Van Schalkwijk, W.A. Lithium rechargeable batteries 71629
Van Schooneveld, D. Standardization of conditional access systems for digital pay television 99722
Van Schoot, J.B.P., Hoekstra, H.J.W.M., Driessen, A., Popma, T.J.A. Simple technique for two-photon absorption measurements in polymeric waveguide channels 64603
van Schoot, J.B.P., Hoekstra, H.J.W.M., Driessen, A., Popma, T.J.A. Design and realisation of mono-modal SiO$_x$N-based polymer waveguides for active functions 64738
Van Schuylenbergh, K., Puers, R. Self-tuning inductive powering for implantable telemetric monitoring systems 90270

van Schyndel, R.G., Tirkel, A.Z., Osborne, C.F. Towards a robust digital watermark 86860
Van Sciver, S. *see* Markiewicz, W.D. 95537
Van Sciver, S.W. *see* Bonito Oliva, A. 95560
Van Scyoc, J. *see* McGregor, D.S. 80153
Van Scyoc, J.M. *see* Lund, J.C. 80154
van Scyoc, J.M. *see* Lund, J.C. 100829
Van Scyoc, J.M. *see* Lund, J.C. 110575
Van Scyoc, J.M. *see* Schieber, M. 110578
Van Sinttruyen, J.S. *see* Niemeijer, R.J. 68692
Van Slyke, M.A., Eggli, D.F., Prior, F.W., Salmon, W., Pappas, G., Vanatta, F., Goldfetter, W., Hashem, S. A model for collaboration: a rural medicine and academic health center teleradiology project 110866
Van Slyke, S.A., Chen, C.H., Tang, C.W. Organic electroluminescent devices with improved stability 116245
van Someren Greve, S.C. *see* van de Griendt, M.A.J. 66025
van Son, P. *see* Sigg, H. 105187
van Son, P.C. *see* Planken, P.C.M. 62746
van Spaandonk, J., Kevenaar, T.A.M. Iterative test-point selection for analog circuits 106143
Van Stappen, M. *see* Palmers, J. 72938
van Staveren, A., Verhoeven, C.J.M., van Roermund, A.H.M. The influence of the reverse Early effect on the performance of bandgap references 61623
van Steenbergen, A., Gallardo, J., Sandweiss, J., Fang, J.-M. Observation of energy gain at the BNL inverse free-electron-laser accelerator 119960
van Steenwinkel, R. *see* Benati, A. 121897
Van Steenwyk, B. Using the matrix exponential solution to the direction cosine differential equation 69505
Van Stevendaal, U. *see* Buse, K. 95945
van Stokkum, I.H.M. *see* Vos, F.M. 110659
van Stralen, M.J.N., de Hoop, M.V., Blok, H. Directional decomposition of the electromagnetic field in integrated optics 95809
Van Stryland, E.W. *see* DeSalvo, R. 96639
Van Stryland, E.W. *see* Wang, Z. 76100
van Tartwijk, G.H.M., San Miguel, M. Optical feedback on self-pulsating semiconductor lasers 76001
van Tartwijk, G.H.M. *see* Levine, A.M. 116486
Van Tendeloo, G. *see* Frangis, N. 113335
van Tendeloo, G. *see* Hodges, J.P. 75324
Van Tendeloo, G. *see* Muret, P. 114804
van Thanh, D., Audestad, J. Making mobility transparent to the applications 118996
Van Thich Nguyen *see* Kamwa, I. 70703
Van Tichelen, P. Technical and economical feasibility of cogeneration systems with 400 Hz power system 81302
Van Tichelen, P., Weyen, D. Technical and economic feasibility of cogeneration systems with 400 Hz power system 111769
van Tilborg, H.C.A. *see* Blaum, M. 66450
Van Tonder, J.J., Cloete, J.H. A study of a two-arm Archimedes spiral antenna 117008
Van Tran, H., Blyth, T., Sowards, D., Engh, L., Nataraj, B.S., Dunne, T., Hai Wang, Vishal Sarin, Tin Lam, Nazarian, H., Genda Hu A 2.5 V 256-level non-volatile analog storage device using EEPROM technology 73587
Van Trung, T. A generalization of a theorem of Dehon for simple t-designs 117245
van Tuijl, E.J.M. *see* Klumperink, E.A.M. 61693
Van Tuyen Vo *see* Vo Van Tuyen
van Twist, M. *see* de Bruijn, H. 92128
van Uffelen, J.W.M. *see* van den Hoven, G.N. 64730
Van Uijen, C.M.J. Trends in optical storage 116013
Van Urk, H. *see* Pasterkamp, G. 120398
Van Vaerenbergh, P. *see* Chavanne, J. 89789
van Veen, A. *see* Clement, M. 84018
Van Veen, B.D. *see* Burgess, K.A. 66700
van Veen, D.T. *see* Salm, C. 84531
Van Veen, N. *see* Verguld, M. 94070
van ver Vleuten, W. *see* van de Roer, T. 84500
Van Vleck, E.S. *see* Shui-Nee Chow 92494
Van Vliet, C.M., Huisso, A. New noise problems in an old form: "recycling" fluctuation phenomena 105088
Van Vliet, F.E., Van Den Bogaart, F.L.M., Tauritz, J.L., Baets, R.G.F. Systematic analysis, synthesis and realization of monolithic microwave active inductors 93902
Van Vo, N., Shi Xue Dou, Hua Kun Liu Development of Bi(Pb)-2223/Ag pancake-shaped and solenoidal coils 84926
Van Waasen, S., Janssen, G., Bertenburg, R.M., Reuter, R., Tegude, F.J. Development of a low-impedance traveling wave amplifier based on InAlAs/InGaAs/InP-HFET for 20 Gb/s optoelectronic receivers 104866
Van Waasen, S. *see* Bertenburg, R.M. 88623
Van Waasen, S. *see* Renter, R. 104841
van Waasen, S. *see* Reuter, R. 93795
Van Waasen, St. *see* Seater, R. 104823
van Walle, E. *see* van Hoorebeke, L. 69770
Van Walsum, T., Post, F.H., Silver, D., Post, F.J. Feature extraction and iconic visualization 86898
Van Wauwe, G. *see* Casier, H. 73191
Van Wauwe, G. *see* Wenin, J. 77805
Van Wechel, T.D. *see* Weitkamp, W.G. 79785
van Wees, B.J. Supercurrent and quasi-particle transport in a two-dimensional electron gas with superconducting electrodes 105368
van Wees, B.J. *see* Nitta, J. 105257
van Werkhoven, G.H.C. *see* Weits, H.H. 96481
van Wesenbeeck, M.P.N. *see* Bauer, P. 112094
van Wijnen, P. *see* McAndrew, C. 63627
van Wijnen, P. *see* McAndrew, C.C. 115157
van Wijngaarden, A. *see* Morita, H. 66470
van Wijngaarden, A.J. Quasi-linear synchronization codes 66469
van Wijngaarden, A.J., Morita, B. Extended prefix synchronization codes 67506
van Wingerden, J., van Halen, E.C., Werner, K., Scholte, P.M.L.O., Tuinstra, F. Origin of rippled structures formed during growth of Si on Si(001) with MBE 82625
Van Winkle, M., Smolenski, J., Grotecloss, G. Scrubber that could barely serve one unit, now handles two 71132
Van Woert, M.L. The AEOLIS program: prospects for future low-cost, space-borne vector wind sensors 120789
Van Wonderen, A.J. *see* Lefkir, M. 76207
Van Wonterghem, B. *see* Murray, J.E. 96157
Van Wonterghem, B. *see* Salmon, J.T. 85552
Van Wonterghem, B.M., Caird, J.A., Barker, C.E., Campbell, J.H., Murray, J.R., Speck, D.R. Recent results of the National Ignition Facility Beamlet demonstration project 85414
van Wonterghem, B.M. *see* Barker, C.E. 85432
van Wonterghem, B.W. *see* Auerbach, J.M. 85567
Van Wuijtswinkel, R.C. *see* Vranken, H.P.E. 104268
van Wyk, J.D. Present and future trends converter development 93112
van Wyk, J.D. *see* Hofsajer, I.W. 93116
van Wyk, J.D. *see* Truter, N. 102864
van Wyk, L., Holtzhausen, J.P., Vosloo, W.L. Laboratory calibration and preliminary field results of an insulator pollution monitoring apparatus (IPMA) 102204
van Wyk, R.J. The corporate board and the challenge of technology 72164
Van Zee, J.W. *see* Nagarajan, G.S. 71663
van Zeghbroeck, B. *see* Chang, S.S. 63616
van Zeijl, H.W. *see* Nanver, L.K. 62298
van Zeijts, J. Rapid application development using the Tcl/Tk language 89935
van Zeijts, J. Arbitrary order transfer maps for RF cavities 89962
Van Zejl, H. *see* Sun, Y. 83437
van Zomeren, A. *see* Bates, J.B. 81689
van Zonneveld, H. Interdisciplinary problem-oriented higher education at the University of Amsterdam: development at the Interfaculty Department of Environmental Science of the University of Amsterdam 1976-95 72143
van Zwet, E.J. *see* van den Berg, M.L. 106054
van Zyl, A., Enslin, J.H.R., Spee, R. A new unified approach to power quality management 111583
Van Zyl, J. *see* Treuhaft, R. 120691
van Zyl, J.E., Meyer, P., van Niekerk, C. A simplified calibration procedure for cryogenic microwave measurements 100288
Van Zyl, J.J. *see* Freeman, A. 68630
Van Zyl, P. Effective protection for fibre optic cables 78659
Van Zyl, R.R., Conradie, G., Perold, W.J. An introduction to the Monte Carlo particle simulation technique 114253
Vana, N., Schoner, W., Fugger, M., Akatov, Y. Adsorbed dose measurement and LET determination with TLDs in space 110991
Vana, N., Schoner, W., Fugger, M., Akatov, Y., Shurshakov, V. ADLET–absorbed dose and average LET determination with TLDs on the space station MIR during a Russian long-term flight 110996
Vana, N. *see* Noll, M. 110986
VanAsselt, W. *see* Blaskiewicz, M. 79926
Vanatta, F. *see* Van Slyke, M.A. 110866
Vanbremeersch, J. *see* de Murcia, M. 62709
Vancauwenberghe, O., Short, J., Giehler, E., Bildstein, P., Ancey, P., Gschwind, M. Microsensor for the preventive detection of water condensation: operating principle and interface electronics 88992
Vance, D.W. A novel high-resolution ambient-light-rejecting rear-projection screen 89433
Vance, J. *see* Rush, D.W. 96824
Vance, J.N. Projecting the costs of low level disposal for decommissioning waste 81247
Vancil, B. A moving shadow-mask color CRT for miniature displays 89386
VanCoevering, J. *see* Fang Zheng Peng 112173
Vandahl, T., Rusko, M., Moller, F., Buff, W. New SAW sensor-device with identification capability 106461
Vandam, L. *see* Peeters, J. 118700
Vandamme, E.P., Vandamme, L.K.J. Diagnostics of the quality of MOSFETs 94989
Vandamme, J., Baranowski, S., Degauque, P. Three dimensional modeling of double diffraction phenomena by a high building 116888
Vandamme, J., Baranowski, S., Mariage, P. High frequency diffraction by a dielectric wedge — three dimensional study 85874
Vandamme, L.K.J. *see* Gijs, M.A.M. 95353
Vandamme, L.K.J. *see* Van Langevelde, R. 95211
Vandamme, L.K.J. *see* Vandamme, E.P. 94989
Vande Keere, V., Staelens, B., Vandewege, J. Rapid prototyping of a CATV network termination for ATM-based video-on-demand services 79173
vandeBogart, J. *see* Deis, G. 106719
Vandecasteele, J. *see* Harari, J. 93816
Vandegriend, B. *see* Southwell, D. 86777
Vandegrift, G.F. *see* Chen, L. 81241
Vandelin, G. *see* Sooknanan, K. 93139
Vandemark, D., Hines, D., Chapron, B., Carswell, J., Donnelly, W. Observations of the ocean surface using an aircraft altimeter, scatterometer and ROWS 120874
Vandemark, D. *see* Elfouhaily, T. 120805
Vanden Berghe, G. *see* De Meyer, H. 72711
Vanden Berghe, G. *see* de Meyer, H. 103722
Vanden Berghe, G. *see* Van Daele, M. 72693
Vanden Bossche, M. *see* Verbeyst, F. 78377
Vanden Brooeck, W., Lampe, W., Verhelst, E., Selis, J. New usage data collection and billing systems allowing for competitive advantage in customer care 108934
Vandenameele, J., Van Der Plas, G., Sierens, C., Nielsen, O., Graugaard-Jensen, S. How to upgrade CATV networks to provide interactive ATM-based services 79169
Vandenberg, J., Liersch, G., Hanna, H., Cameron, J. Fully automated media and lumen boundary detection in intravascular ultrasound images 80341
Vandenberg, J. *see* Lum, R.M. 92731
Vandenberg, J. *see* Lum, R.M. 103906
Vandenberg, J.M. *see* Hybertsen, M.S. 96350
Vandenberg, J.M. *see* Pollak, F.H. 96352
VandenBerg, N.L. *see* Sheen, D.R. 109768
Vandenberghe, D.G. *see* Saniee Monfared, M.A. 78192
Vandenberghe, L., Boyd, S. Semidefinite programming 60889
Vandenbroeck, J., Rempp, H., Swann, R.C.G. Hot carrier degradation in submicron CMOS technologies: a comparative study 63933
Vandendorpe, L. Reduced complexity fractionally spaced MIMO equalizers for multitone systems without guard time 99095
Vandendorpe, L., van de Wiel, O. Performance analysis of linear joint multiple access interference cancellation-equalization for asynchronous multitone CDMA 99077
Vandendorpe, L., Van de Wiel, O. Performance analysis of linear joint equalization and multiple access interference cancellation for multitone CDMA 109349
Vandendorpe, L. *see* Jacquemin, P. 88322
Vandendorpe, L. *see* Schumacher, L. 77695
Vandendorpe, L. *see* van de Wiel, O. 77694
Vandenhoudt, D.E.W. *see* Oostra, D.J. 105556
Vandeplassche, D. *see* Jongen, Y. 101424
Vander Donckt, M. *see* Annis, P. 80121
Vander Heiden, M.J. *see* Brauer, J.R. 71610
Vander Plas, H.A., Cinque, R.B., Zequn Mei, Holder, H.A. Assessment of low-temperature fluxes 103421
Vander Plas, H.A. *see* Zequn Mei 103420
Vander Poorten, H. *see* Zhou, D.B. 121861
vander Velde, C. *see* Bouhali, O. 120166
Vander Voort, G.F. Progress in characterizing materials using image analysis 104247
Vander Vorst, A., Duhamel, F. 1990-1995 advances in investigating the interaction of microwave fields with the nervous system 120542
Vander Vorst, A. *see* Huynen, I. 64486
Vander Vorst, A. *see* Jian Teng 120544
Vander Vorst, A. *see* Piette, M. 68687
Vander Wiel, S.A. Monitoring processes that wander using integrated moving average models 82300
Vanderbauwhede, W., Moerman, I., Van Daele, P., Demeester, P. Wavelength tuning by quantum well electrorefraction in a grating-assisted vertical coupler filter with InGaAsP/InAlGaAs MQW waveguide 64737
Vanderbauwhede, W., Moerman, I., Van Daele, P., Demeester, P. Integration of a temperature-tunable InP/InAlGaAs/InGaAsP grating-assisted vertical codirectional coupler filter with an InGaAs pin-detector 99598
Vanderbei, R.J. *see* Helmberg, C. 92544
Vanderbemden, P. Implementation of an apparatus for measuring magnetic anisotropy: application to high-critical-temperature superconductors 75299
Vanderborgh, N.E. *see* Borup, R.L. 112326
Vanderborgh, N.E. *see* Grot, S.A. 112328
Vanderbrg, B.H., Eninger, J.E. Space-charge limited current cut-off in crossed fields 62601
Vandergheynst, P. *see* Antoine, J.-P. 98200
VanderHeiden, M.J. *see* Arkadan, A.A. 107799
VanderHeiden, R.H. *see* Arkadan, A.A. 81392
VanderLaan, J.F., Miller, S., McHarg, B.B., Jr., Henline, P.A. Handling and archiving of magnetic fusion data at DIII-D 110036
Vanderlee, K.A., Porter, R.B., Kulterman, R.W., Chalco, P.A. Lasersonic bonding of TAB components to epoxy-glass circuit boards 114463
Vandermeulen, D. *see* Maes, F. 110702
Vandermeulen, D. *see* Verdonck, B. 80314
Vanderplaats, N.R. *see* Freund, H.P. 105074
Vanderplaats, N.R. *see* Kodis, M.A. 62625
Vanderplaats, N.R. *see* Smithe, D.N. 62632
Vanderpoorten, W. *see* Maes, C. 74089
Vanderpooten, W. *see* De Moor, P. 69800

Vandersteen, G., Rolain, Y., Schoukens, J., Pintelon, R. On the use of system identification for accurate parametric modeling of nonlinear systems using noisy measurements 63560
Vandersteen, G., Schoukens, J., Rolain, Y., Verschueren, A. A circle fitting procedure using semi-parametric modelling: Toward an improved sliding load calibration procedure 119852
Vandersteen, G. *see* Rolain, Y. 115233
Vandersteen, G. *see* Schoukens, J. 119567
Vanderstraeten, H., Chantrain, D., Ocakoglu, G., Nederlof, L., Van Hauwermeiren, L. Integration of distributed restoration procedures in the control architecture of ATM cross-connects 108950
Vanderveen, R.J. *see* Morris, G.C. 61308
VanDerVoorn, P.J., Krusius, J.P. Inversion channel edge in trench-isolated sub-1/4-μm MOSFET's 94957
Vandervoort, A.A. *see* Petrosenko, R.D. 80409
Vandervorst, W. *see* Decoutere, S. 84324
Vandervorst, W. *see* Trenkler, T. 84532
Vanderwater, D.A. *see* Hofler, G.E. 96019
Vanderwerf, D.F. Multiple lamp illumination system for projection displays 89221
Vanderwerf, K. Schuler pumping of inertial velocity errors due to gravity anomalies along a popular North Pacific airway 70403
Vandevelde, B. *see* Christiaens, F. 112903
Vandevenne, L., De Sutter, B., Goossens, E. Testing the broadband network: a quickly shifting demand for test equipment solutions 118102
Vandewalle, J. *see* Andrioli, A. 120281
Vandewalle, J. *see* Bosselaers, A. 97530
Vandewalle, J. *see* Chen, J.D.Z. 117402
Vandewalle, J. *see* De Lathauwer, L. 117514
Vandewalle, J. *see* Lotz, K. 83278
Vandewalle, J. *see* Moreau, Y. 108385
Vandewalle, J.-J. *see* Merle, P. 118407
Vandewalle, S. *see* Janssen, J. 61037
Vandewege, J. *see* Codenie, J. 93171
Vandewege, J. *see* Coppoolse, R. 93142
Vandewege, J. *see* De Pestel, G. 119219
Vandewege, J. *see* Meuris, B. 88476
Vandewege, J. *see* Picard, A. 112910
Vandewege, J. *see* Vande Keere, V. 79173
Vandlik, J. *see* Guobao Zheng 75154
Vandorpe, D. *see* Bahi, A. 86798
Vandre, R.H., Kudryk, V.L., Fay, C.R., III, Edwards, J.C., Jr., Jones, T.K. US Army teledentistry 80432
Vandris, E., Sobelman, G. Switch-level differential fault simulation of MOS VLSI circuits 93273
Vandroogenbroek, M. *see* Megret, P. 78829
VanDusen, C.H. *see* Diamond, S.K. 117195
Vane-Tempest, S. Comparison of optical data storage discs 116005
Vanecek, D. *see* Abraham, W. 89701
Vanecek, D. *see* Houck, T. 110481
Vanecek, D. *see* Reginato, L. 83758
Vanecek, D. *see* Yu, S. 89736
Vanecek, M., Fric, J., Poruba, A., Mahan, A.H., Crandall, R.S. Influence of annealing above the deposition temperature on metastability in amorphous silicon 94402
Vanecek, M. *see* Fejfar, A. 94392
Vanecek, M. *see* Meykens, K. 92741
Vanecek, M. *see* Nesladek, M. 94693
Vanegas C, O.F. *see* Mizuno, Y. 111658
Vanek, D. *see* Exner, P. 116970
Vanek, O. *see* Grmanova, A. 106264
Vanek, P., Ghosal, S. A new technique for construction of image pyramids 86710
Vanelle, E. *see* Likforman, J.-P. 105317
Vanelle, E. *see* Mesrine, M. 72805
Vanenkov, I. *see* Buckley, J. 89629
Vanestrenvord, J.M. *see* Rattay, B. 114311
Van'ev, V.S. *see* Antipov, Yu.M. 69794
Vanfleteren, J., Van Calster, A., Sabbe, K., De Caluwe, M., Dravet, A., Kertesz, P., Secher, S., Deckelmann, K., Wiese, J., Cortes, E., Lopez, M., Schols, G., Allaert, K., Vetter, P., Forrest, M. Development of an adhesive TAB joining technology 114472
Vanfleteren, J. *see* Van Calster, A. 84267
Vang, T.A. *see* Lin, L.Y. 110162
Vangbo, M., Backlund, Y. Precise mask alignment to the crystallographic orientation of silicon wafers using wet anisotropic etching 74656
Vangelista, L. *see* Barbieri, A. 83767
Vangelista, L. *see* Cariolaro, G. 68831
Vanghi, V., Vojcic, B. Soft interference cancellation in multiuser communications 109448
VanGompel, D. *see* Biegacki, S. 109077
Vanhaecke, J. *see* Schreurs, D. 83516
Vanhavere, F., Thierens, H., Loos, M. Testing the temperature compensated BD-PND bubble detector 110609
Vanhellemont, J. *see* Claeys, C. 105829
Vanhellemont, J. *see* Ohyama, H. 84306
Vanhellemont, J. *see* Ohyama, H. 105873
Vanhellemont, J. *see* Ohyama, H. 105874
Vanhellemont, J. *see* Ohyama, H. 105880
Vanhellemont, J. *see* Ohyama, H. 116228
Vanhellemont, J. *see* Ohyamaa, H. 115145
Vanhellemont, J. *see* Rotondaro, A.L.P. 114589
Vanhellemont, J. *see* Simoen, E. 62833
Vanhellemont, J. *see* Simoen, E. 63544
Vanhellemont, J. *see* Simoen, E. 105856
Vanhellemont, J. *see* Simoen, E. 115139
Vanhellemont, J. *see* Vegh, G. 94905
Vanhellemont, Y. *see* De Moor, P. 69800
Vanherck, P. *see* Van Den Braembussche, P. 91481
Vanheusden, K. *see* Warren, W.L. 63171
Vanheusden, K. *see* Warren, W.L. 84691
Vanhoenacker, D., Huynen, I., Lee, I., Platteborze, R., Van der Vorst, A. Microwave undergraduate education at U.C.L Belgium: from planar passive components to wide band tuned devices 112771
Vanhoenacker, D. *see* Gillon, R. 93844
Vanhoenacker, D. *see* Huynen, I. 64486
Vanhoenacker, D. *see* Raskin, J.P. 115204
Vanhoenacker-Janvier, D. *see* van de Kamp, M.M.J.L. 107879
Vanhoenacker-Janvier, D. *see* Vasseur, H. 76417
Vanhook, H.J. *see* Greer, J.A. 82765
Vanhorebeek, G. *see* Van Houdt, J. 83117
Vanhoy, T. *see* Chan, W. 64005
Vani, V. *see* Rao Nalluri, S.R.P. 98257
Vanin, E.V. *see* Jaskorzynska, B. 107161
Vanin, E.V. *see* Sergeev, A.M. 107443
Vaninetti, F. *see* Loh, W.H. 78943
Vanini, F. *see* Jakob, B. 95420
Vankar, V.D. *see* Dilawar, N. 82755
Vankar, V.D. *see* Kapil, R. 61300
Vankar, V.D. *see* Sah, S. 103437
Vanlaer, P. *see* Bouhali, O. 120166
VanLandingham, H.F. Intelligent control applications in the chemical and power industries 121050
VanLandingham, H.F., Tripathi, N.D. Knowledge-based adaptive fuzzy control of drum level in a boiler system 111779
VanLandingham, H.F. *see* Choi, J.Y. 121708
VanLeeuwen, C. Implications of 300 mm for fab design and automation 72246
Vanmaekelbergh, D., van de Lagemaat, J., Schropp, R.E.I. Observation and explanation of quantum efficiencies exceeding unity in amorphous silicon solar cells 103024
Vanmaekelbergh, D. *see* van de Lagemaat, J. 116256
VanMeter, J.W. *see* Sastry, S. 101325
VanMeurs, R. *see* Carpio, R. 63471
Vann, C.S. *see* Bliss, E.S. 96581
Vannel, J.P. *see* Azais, B. 103408
Vannelli, A. *see* Areibi, S. 93071
Vanneste, L. *see* De Moor, P. 69800
Vannetzel, J.M. *see* Nussbaum, G.H. 69995
Vannicola, V.C. *see* Narayana, S.M. 113068
Vannier, M.W. *see* Christensen, G.E. 110756
Vannier, M.W. *see* Fox, L.A. 80245
Vannier, M.W. *see* Ge Wang 101432
Vannier, M.W. *see* Ge Wang 120298
Vannier, M.W. *see* Haller, J.W. 101233
Vannier, M.W. *see* Lee, S.K. 120341
Vannikov, A., Karasev, A. New photochromic materials for visible range 104200
Vannikov, A., Mal'tsev, E., Brusentseva, M., Kolesnikov, V. Polymer electroluminescent material for visible range 106950
Vannini, C. *see* Wheadon, R. 100965
Vannini, G. *see* Filicori, F. 114263
Vannini, G. *see* Mirri, D. 110055
Vannini, G. *see* Torcolacci, D. 114300
Vannini-Castaldi, C. *see* Mours, B. 100821
Vannini-Castaldi, C. *see* Mours, B. 120196
Vannoorenberghe, P., Postaire, J.-G. A new image segmentation approach by histogram transformation 108582
Vannostrand, J. *see* Tsu, R. 61235
Vannucchi, G. Radiobroadcasting for the years 2000 109857
Vanoostende, P. *see* Casier, H. 73191
Vanoppen, R.R.J. *see* Smedes, T. 84543
Vanroose, P. *see* Hollmann, H.D.L. 66209
Vanselow, R. Relations between FEM and FVM applied to the Poisson equation 92617
VanSickle, D.P., Cooper, R.A., Robertson, R.N., Boninger, M.L. Determination of wheelchair dynamic load data for use with finite element analysis 110947
VanSickle, D.P. *see* Cooper, R.A. 110944
Vanspeybroeck, P. *see* Markov, V.B. 96788
Vansteenkiste, C. *see* Yuan, Z. 97831
Vanstone, S.A. *see* Jungnickel, D. 76718
VanStryland, E.W., Zuo Wang, Hagan, D.J., Zyss, J., Vidakovik, P., Torruellas, W.E. Cascaded second-order effects in NPP 107616
van't Klooster, C.G.M. Feed developments for astronomy satellites in Europe 68817
Van't Kloster, C.G.M. *see* Cazzatello, G. 66178
Vanti, M.G., Marechal, Y., Raizer, A. Optimal meshes and h-p adaptivity 96910
Vanti, M.G. *see* Zgainski, F.-X. 92648
Vantomme, A. *see* Wu, M.F. 63262
Vantomme, A. *see* Wu, M.F. 113445
Vanttinen, H. *see* Lehtinen, R. 90523
Vanwassenhove, L., Blondelle, J., de Nevet, H., Vermaerke, F., Dhoedt, B., Baets, R., Moerman, I., van Dacle, P., Demeester, P. Emitters for optical interconnection 96046
Vanwassenhove, L., Van Daele, P. A room temperature flip-chip mounting technique for laser diodes on silicon motherboards 60620
Vanyan, L.L. *see* Kaikkonen, P. 80598
VanZandt, T.E. *see* Nastrom, G.D. 80656
VanZante, D., Feddersen, R.L., Suarez, M., Sherman, P.J. The stochastic structure of downstream pressure from an axial compressor. I. A periodic time-frequency spectral description 121441
Vanzetti, L. *see* Bratina, G. 72787
Vanzetti, L. *see* Calcagnile, L. 65345
Vanzetti, L. *see* Calcagnile, L. 74378
Vanzetti, L. *see* Herve, D. 75950
Vanzetti, L. *see* Lazzarino, M. 74462
Vanzetti, L. *see* Li, J.H. 85471
Vanzetti, L. *see* Netti, M.C. 105346
Vanzetti, L. *see* Pellegrini, V. 76111
Vanzetti, L. *see* Prete, P. 62828
Vanzetti, L. *see* Yang, X. 83891
Vanzi, M. *see* Magistrali, F. 96416
Vanzi, M. *see* Zanoni, E. 95074
Vappereau, P. *see* Ampelas, A. 88099
Vaquero, J.J. *see* Bartlett, M.L. 90293
Vaquila, I. *see* Passeggi, M.C.G., Jr. 74476
Varada, S., Yung-Yuan Yang ATM to the desktop in an existing LAN environment 109039
Varadan, S., Makram, E.B., Girgis, A.A. A new time domain voltage source model for an arc furnace using EMTP 91956
Varadan, V.K., Varadan, V.V. Smart electronics and MEMS for aerospace structures 80560
Varadan, V.K., Varadan, V.V. Design and development of conformal smart spiral antenna 108055
Varadan, V.K., Varadan, V.V. Three dimensional polymeric and ceramic MEMS and their applications 115375
Varadan, V.K., Varadan, V.V., Bao, X.Q. Integration of interdigital transducers, MEMs and antennas for smart structures 106285
Varadan, V.K. *see* Jaehwan Kim 61458
Varadan, V.K. *see* Jaehwan Kim 106386
Varadan, V.K. *see* Roh, Y.R. 84744
Varadan, V.K. *see* Varadan, V.V. 108371
Varadan, V.K. *see* Young-Hun Lim 79369
Varadan, V.K. *see* Young-Hun Lim 104187
Varadan, V.V., Varadan, V.K., Bao, X.Q. 'Smart plates' for noise reduction using MEMS technology 108371
Varadan, V.V. *see* Jaehwan Kim 61458
Varadan, V.V. *see* Jaehwan Kim 106386
Varadan, V.V. *see* Roh, Y.R. 84744
Varadan, V.V. *see* Varadan, V.K. 80560
Varadan, V.V. *see* Varadan, V.K. 106285
Varadan, V.V. *see* Varadan, V.K. 108055
Varadan, V.V. *see* Varadan, V.K. 115375
Varadan, V.V. *see* Young-Hun Lim 79369
Varadan, V.V. *see* Young-Hun Lim 104187
Varadarajan, M. *see* Cady, W.A. 74599
Varadarajan, S.T. *see* Shoukry, S.N. 68624
Varadarangan, K. A new approach for calculation of scattering from rotationally symmetric conducting objects 65822
Varadharajan, V. Design of enterprise-wide secure networked system 118499
Varadharajan, V., Calvelli, C. Key management for a secure LAN-SMDS network 118463
Varadharajan, V., Mu, Y. Design of secure end-to-end protocols for mobile systems 118077
Varadi, M. *see* Szabo, E.E. 110245
Varadinov, P. *see* Chudacek, V. 122016
Varagiannis, A.K. *see* Pickett, E.E. 68129
Varaiya, P. *see* Brooks, C.A. 67600
Varaiya, P.P. *see* Edell, R.J. 67579
Varaiya, P.P. *see* Goldsmith, A.J. 66286
Varaljay, N. *see* Nguyen, H. 116110
Varanasi, M. *see* King, R.E. 109302
Varanasi, M. *see* Klein, R. 108137
Varanasi, M.K. Delayed decision feedback equalization 66217
Varanasi, M.K. *see* Vasudevan, S. 109354
Varangis, P. *see* Gavrielides, A. 96364
Varangis, P.M., Gavrielides, A., Kovanis, V., Erneux, T. Observing dynamic isolas in optically injected semiconductor lasers 96436
Varani, L., Houlet, P., Vaissiere, J.C., Nougier, J.P., Starikov, E., Gruzhinskis, V., Shiktorov, P., Reggiani, L., Hlou, L. A model noise temperature for nonlinear transport in semiconductors 114606
Varani, L. *see* Golinelli, P. 94288
Varani, L. *see* Gruzhinskis, V. 63552
Varani, L. *see* Reggiani, L. 62880
Varani, L. *see* Starikov, E. 74338
Varani, L. *see* Tadyszak, P. 105110
Varapasad, R. Art of pin pointing in satellite technology 68748
Varavin, V.S., Dvoretsky, S.A., Liberman, V.I., Mikhailov, N.N., Sidorov, Yu.G. Molecular beam epitaxy of high quality $Hg_{1-x}Cd_xTe$ films with control of the composition distribution 75685
Varavin, V.S. *see* Ovsyuk, V.N. 64931
Vardaman, E.J. Is a known good die hard to find? 60651
Vardanian, V.A. On completely robust path delay fault testable realization of logic functions 104482
Vardaxoglou, J.C. *see* Chan, Y.C. 116842
Vardaxoglou, J.C. *see* Chandran, S. 66155
Vardell, T. *see* Sullivan, M.J. 70734
Vardell, T. *see* Sullivan, M.J. 82022
Vardeman, S.B. *see* Mu-Yeh Huang 113023
Vardhani, J.P. *see* Pande, D.C. 76447
Vardi, Y. *see* Phillips, P.J. 86953
Vardy, A. A new sphere packing in 20-dimensional Euclidean space 66313
Vardy, A. *see* Blaum, M. 66351
Vardy, A. *see* Cohen, G. 108155
Vardy, A. *see* Drew, T. 70221
Vardy, A. *see* Lafourcade, A. 66275
Vardy, A. *see* Yellin, D. 66414
Varela, J. *see* Nobrega, R. 69744

Varela, J.A. *see* Nobre, M.A.L. 113551
Varela, L. *see* Picazo, M.L. 90628
Varela, M. *see* Aguiar, R. 95449
Varela, M. *see* Sanchez, F. 94728
Varelas, T., Bazarjani, S.S., Snelgrove, W.M. A bipolar sampled-data bandpass delta-sigma A/D modulator 114025
Varelas, T. *see* Gao, W. 62051
Varenne, F. *see* Bosser, J. 89844
Varentsov, V.L., Okunev, I.S. Method of obtaining internal polarized targets of intermediate and heavy nuclei for storage rings 69687
Varesi, E., Frangi, F., Martini, L., Zannella, S., Olzi, E. High T_c superconductor materials and technological applications 115905
Varesi, J. *see* Majumdar, A. 110424
Varfolomeev, A. *see* Hogan, M. 76060
Varfolomeev, A.A., Yarovoi, T.V. FEL gain as a function of phase displacement induced by undulator intersection gaps 96542
Varfolomeev, A.A. *see* Gubankov, V.V. 96563
Varfolomeev, A.A. *see* Smirnov, A.V. 96540
Varfolomeev, S.D., Kurochkin, I.N., Yaropolov, A.I. Direct electron transfer effect biosensors 110224
Varfolomeyev, S.D. *see* Rainina, E.I. 110239
Varga, A. On computing high accuracy solutions of a class of Riccati equations 103742
Varga, C. Power supply trends: how low can we go? 73087
Varga, D. *see* Koever, A. 69873
Varga, L., Doyle, W.D., Klemmer, T., Flanders, P.J., Kozaczek, K.J. Magnetostriction constants of sputtered FeTaN single crystal thin films 115477
Varga, L. *see* He, L. 106511
Varga, P., Torok, O. Exact and approximate solutions of Maxwell's equations for a confocal cavity 116586
Vargas, A., Campos, J., Navarro, R. An application of the Gabor multiscale decomposition of an image to pattern recognition 117708
Vargas, C., Hegde, M.V., Naraghi-Pour, M. Shadow prices for modified least loaded routing (MLLR) 67598
Vargas, C., Hegde, M.V., Naraghi-Pour, M., Min, P.S. Shadow prices for LLR and ALBA 117989
Vargas, H. *see* Cruz-Orea, A. 83810
Vargas-Aburto, C. *see* Rybicki, G. 71709
Vargha, D. Unique control schemes extend battery life in portable equipment 61637
Varghese, G. *see* Adiseshu, H. 118124
Varghese, G. *see* Costello, A.M. 98469
Varghese, G. *see* Jayaram, M. 98484
Varghese, G. *see* Shreedhar, M. 77713
Varghese, J.E. Independence to the blind and handicapped in Asia through modern assistive devices 70255
Varghese, J.G. *see* Khachab, N.I. 104738
Varghese, P., Zhang, C., Wang, H.-P. A design of experiment approach to the selection of CMM form-fitting algorithms 110007
Varghese, S., Radhakrishnan, V. Advanced intelligent sensor synthesis for surface roughness monitoring 100306
Varghese, T., Donohue, K.D., Genis, V.I., Halpern, E.J. Order selection criteria for detecting mean scatterer spacings with the AR model 110681
Vargin, V.A. *see* Nikulin, A.D. 95410
Varhue, W.J., Andry, P.S., Rogers, J.L., Adams, E., Kontra, R., Lavoie, M. Low temperature growth of Si by PECVD 82619
Varhue, W.J. *see* Andry, P.S. 82642
Varian, H.R. Differential pricing and efficiency 92126
Varian, H.R. *see* MacKie-Mason, J. 67786
Varichenko, V.S. *see* Popovici, G. 84090
Varier, K.M. *see* Kataria, D.O. 69846
Varisco, G. *see* Giove, D. 89909
Varjian, R.D. *see* Sen, A. 112327
Varju, G. *see* Jonas, F. 101757
Varkey, J.K. *see* Bandopadhyay, S. 80390
Varkonyi-Koczy, A.R. A composite observer structure for adaptive Fourier analysis 108256
Varkonyi-Koczy, A.R. Synchronized multi-sine measurements via DSP methods 108392
Varlan, A.R., Sansen, W. Characterisation of planar electrodes realised in planar microelectronic technology 101371
Varlan, M. *see* Gueuning, F. 111399
Varlashkin, A.V. *see* Gousev, Yu.P. 99976
Varlashkin, A.V. *see* Gousev, Yu.P. 104839
Varley, J. Rolls-Royce samples a growing market [remote sampling at nuclear plants] 71102
Varlow, B.R. *see* Alghamdi, A.S.G. 84705
Varlow, B.R. *see* Auckland, D.W. 70951
Varlow, B.R. *see* Auckland, D.W. 106370
Varma, A. *see* Bauer, F. 77797
Varma, A. *see* Bauer, F. 87496
Varma, A. *see* Chang-Hasnain, C.J. 68428
Varma, A. *see* Kalampoukas, L. 108779
Varma, A. *see* Sachs, M.W. 99566
Varma, A. *see* Stiliadis, D. 77593
Varma, A. *see* Stiliadis, D. 87303
Varma, R.K., Mathur, R.M., Rogers, G.J., Kundur, P. Modeling effects of system frequency variation in long-term stability studies 70723
Varma, S., Suyama, K., Gopinathan, V. Analysis of non-idealities in folding and interpolating ADCs using a behavioral model approach 114019
Varma, V. Maintenance training reduces human errors 121272
Varma, V.K., Roder, P.W., Ulema, M., Harasty, D.J. Architecture for interworking data over PCS 109461
Varma, V.K. *see* Noerpel, A.R. 109460
Varma, V.K. *see* Noerpel, A.R. 109492
Varming, P. *see* Sejka, M. 78670
Varna, J. *see* Joffe, R. 113613
Varnelli, V. *see* Borghetti, A. 102430
Varner, C. *see* Lachapelle, G. 99693
Varner, G. *see* Kichimi, H. 69718
Varner, G.S. *see* Brown, D.H. 110569
Varnes, R.S., Bialkowski, M.E. A switched radial divider for an L-band mobile satellite antenna 117064
Varnes, R.S. *see* Bialkowski, M.E. 109402
Varney, D.M. Wireless technology applied to GPS receiver development 99682
Varnish, P. From SDI to BMD and thence NMD [missile defence programmes] 80745
Varol, H.S., Hinsch, A. SnO_2:Sb dip coated films on anodized aluminum selective absorber plates 75676
Varoli, V. *see* Fazzi, A. 121604
Varoli, V. *see* Pinola, L. 81564
Varosi, S. *see* Basile, G. 70384
Varosi, S. *see* Basile, G. 111059
Varoto, P.S. *see* McConnell, K.G. 86246
Varpula, T. *see* Touayar, O. 89081
Varrientos, J.E., Sanchez-Senencio, E. A low-power fully-differential current-mode synchronous chaotic oscillator 93172
Varrot, M. *see* Kalnitsky, A. 63700
Varshava, S.S. *see* Baitsar, R.I. 99922
Varshavskaya, I.G. *see* Fedoseev, D.V. 92942
Varshavsky, V.I. Logic design and quantum challenge 61869
Varshavsky, V.I., Marakhovsky, V.B. Asynchronous control device design by net model behavior simulation 104258
Varshney, P.K. *see* Alhakeem, S. 76926
Varshney, P.K. *see* Chao-Tang Yu 66636
Varshney, P.K. *see* Ramac, L.C. 117641
Varshney, P.K. *see* Samarasooriya, V.N.S. 66802
Varshney, U., Eichelberger, B.D., III Texturing of high T_c superconducting polycrystalline fibers/wires by laser-driven directional solidification in a thermal gradient 115893
Varsovia, J., Chuang, S.S. Wafer backplating of sub-miniature AT quartz resonators 95316
Vartak, S.D., Lawandy, N.M. Optically controlled imaging phase mask element 95928
Vartanian, A.L. *see* Asatrian, A.L. 94495
Vartanian, B.J. *see* Matsumoto, K. 63819
Vartanyan, E.S., Kazaryan, L.M., Mikaelyan, R.S., Hovsepyan, R.K., Pogosyan, A.R., Rusyan, P.R. Two possible mechanisms of influence of dopants added into the melt on parameters of lithium niobate crystals 92655
Vartapetov, S.K. *see* Bukreev, V.S. 70489
Vartiainen, E. *see* Kosunen, A. 110970
Vartsky, D. *see* Vasileiadis, G. 69826
Vartuli, C.B., MacKenzie, J.D., Lee, J.W., Abernathy, C.R., Pearton, S.J., Shul, R.J. Cl_2/Ar and CH_4/H_2/Ar dry etching of III-V nitrides 114949
Vartuli, C.B., Pearton, S.J., Abernathy, C.R., Shul, R.J., Howard, A.J., Kilcoyne, S.P., Parmeter, J.E., Hagerott-Crawford, M. High density plasma etching of III-V nitrides 84133
Vartuli, C.B., Pearton, S.J., Lee, J.W., Hong, J., MacKenzie, J.D., Abernathy, C.R., Shul, R.J. ICl/Ar electron cyclotron resonance plasma etching of III-V nitrides 105648
Vartuli, C.B. *see* Pearton, S.J. 74521
Vartuli, C.B. *see* Pearton, S.J. 84080
Vartuli, C.B. *see* Pearton, S.J. 114890
Vartuli, C.B. *see* Shul, R.J. 84141
Vartuli, C.B. *see* Zolper, J.C. 74520
Vartull, C.B. *see* Ren, F. 114963
Varvarigos, E.A., Bertsekas, D.P. A conflict sense routing protocol and its performance for hypercubes 87299
Varvarigos, E.M., Sharma, V. A loss-free connection control protocol for the Thunder and Lightning network 78751
Vary, P. *see* Dorbecker, M. 66849
Vas, P., Drury, W. Electrical machines and drives: present and future 121982
Vas, P., Stronach, A.F. Adaptive fuzzy-neural DSP-control of high-performance drives 122000
Vas, P., Stronach, A.F., Neuroth, M. Fuzzy, pole-placement and PID controller design for high-performance drives 91821
Vas, P., Stronach, A.F., Neuroth, M. DSP-based fuzzy control of an induction motor drive 103059
Vas, P., Stronach, A.F., Neuroth, M. Design and DSP implementation of fuzzy controllers for servo drives 121921
Vas, P. *see* Filippetti, F. 91530
Vas, P. *see* Stronach, A.F. 103058
Vasa, N.J., Okada, T., Maeda, M., Mizunami, T., Uchino, O. Single-mode cw Cr^{3+}:LiSrAlF_6 laser using an external fiber grating 116424
Vasa, N.J., Okada, T., Maeda, M., Uchino, O. Mechanism of a tuning operation of a Ti:sapphire laser by injection-seeding 107192
Vasa, N.J., Sui, H., Parhat, H., Okada, T., Maeda, M., Uchinno, O. Tuning range of a CW Cr^{3+}:LiSAF laser spectrally narrowed by an auxiliary cavity 107193
Vasama, K. *see* Leskela, T. 103968
Vasanelli, L. *see* Anisimkin, V.I. 110259
Vasanelli, L. *see* Anisimkin, V.I. 110260
Vasanelli, L. *see* Cingolani, R. 63031
Vasanelli, L. *see* Cingolani, R. 94505
Vasanelli, L. *see* Di Dio, M. 83945
Vasanelli, L. *see* Leo, G. 63051
Vasanelli, L. *see* Leo, G. 82639
Vasanelli, L. *see* Penza, M. 61429
Vasanelli, L. *see* Valentini, A. 61433
Vasanelli, L. *see* Valentini, A. 69788
Vasant, D.Jajoo *see* Jajoo Vasant, D.
Vasant, J. *see* Ghose, A. 99418
Vasanth, K. *see* Conde, J.P. 114720
Vasanthamohan, M. *see* Goretta, K.C. 115908
Vasanthi, T. *see* Saha, A. 99272
Vasarhelyi, M.A. *see* Kogan, A. 78031
Vasca, F. *see* Busco, B. 122028
Vasca, F. *see* di Bernardo, M. 121680
Vasca, F. *see* Marino, P. 121484
Vascon, M. *see* Autiero, D. 80006
Vasconcellos, E.C.C. *see* Zerbetto, S.C. 75798
Vasconcellos, E.C.C. *see* Zerbetto, S.C. 75799
Vasconcelos, E.A.de *see* de Vasconcelos, E.A.
Vasconcelos, J.A., Krahenbuhl, L., Nicolas, A. Simulated annealing coupled with the tabu search method for continuum optimization in electromagnetics 65631
Vasconcelos, J.A., Saldanha, R.R., Krahenbuhl, L., Nicolas, A. Genetic algorithm coupled with a deterministic method for optimization in electromagnetics 112153
Vasconcelos, J.A. *see* Saldanha, R.R. 62150
Vasconcelos, J.A. *see* Saldanha, R.R. 107803
Vasek, P. *see* Hejtmanek, J. 106657
Vasek, P. *see* Streda, P. 105285
Vasenkova, L.V., Gorbachev, A.A. Scattering of higher harmonics by a statistical system of nonlinear scatterers 107903
Vashchenko, V.A., Kozlov, N.A., Sinkevitch, V.F., Martynov, J.B., Tager, A.S. Simulation of the GaAs MESFET burnout 95066
Vashchenko, V.A., Martynov, J.B., Sinkevitch, V.F., Tager, A.S. Current instability in GaAs n^+-i-n^+ structures as a limitation of the maximum drain voltage of power MESFETs 74761
Vashchenko, V.A., Martynov, J.B., Sinkevitch, V.F., Tager, A.S. Simulation of the gate burnout of GaAs MESFET 115251
Vashchenko, V.A., Sinkevitch, V.F. Current instability and burnout of HEMT structures 74770
Vashchenko, V.A., Sinkevitch, V.F. Physical limitation on drain voltage of power PM HEMT 84472
Vasi, I.T. *see* Gupta, D. 98926
Vasi, J. *see* Ekbote, S. 106011
Vasi, J. *see* Ramgopal Rao, V. 105485
Vasi, J. *see* Shanware, A. 106214
Vasi, J. *see* Zaman, P. 106179
Vasic, A. *see* Stojanovic, M. 94585
Vasic, A. *see* Stojanovic, M. 114799
Vasic, B., Milenkovic, O., McLaughlin, S. Scrambling for nonequiprobable signalling 97408
Vasic, B.V. Capacity of channels with redundant multitrack (d,k) constraints: the k<d case 97553
Vasilakos, A.V., Atlasis, A.F. Effectiveness of the LB-SELA policing mechanism in an ATM network node 77637
Vasilash, G.S. Multimedia for a better finish 87912
Vasil'chenko, V. *see* Martellotti, G. 80122
Vasil'chenko, V.G., Lapshin, V.G., Peresypkin, A.I., Konstantinchenko, A.A., Pyshchev, A.I., Shershukov, V.M., Semenov, B.V., Solov'ev, A.S. Radiation resistance of plastic scintillators 69798
Vasil'chenko, Yu.V., Zhavoronkov, N.A., Padalko, V.N. Evaluation of photomultipliers response nonlinearity with noncalibrated pulse light sources 114545
Vasile, N. *see* Rahmouni, A. 80366
Vasile, S. *see* Nagarkar, V.V. 80157
Vasile, S. *see* Nagarkar, V.V. 101034
Vasileiadis, G., Malamud, G., Mine, Ph., Vartsky, D. Solid and vapour phase UV photocathodes for gaseous detectors 69826
Vasilenok, A.V. *see* Valuev, V.V. 96106
Vasilescu, A. *see* Angelescu, T. 90138
Vasilescu, A. *see* Caldararu, M. 69035
Vasileska, D. *see* Udipi, S. 105388
Vasil'ev, A.N., Takagi, T., Tani, J., Matsumoto, M. Alternative applications of ferromagnetic shape memory material Ni_2MnGa 115859
Vasil'ev, B.A., Kolesnikov, N.L., Chumenkov, V.P. Differential resonance-impedance radio pickup with a pulsed bias voltage for plasma diagnostics 89007
Vasilev, D.R., Eskin, A.E., Kazantsev, Yu.I., Sachkov, A.V. Milliteslameters for monitoring magnetic fields in medicine and ecology 79292
Vasil'ev, E.V. Copper thin-film temperature-sensitive elements, resistive thermal transducers, and thermometers based on them 79352
Vasil'ev, F.P., Amochkina, T.V., Nedich, A. A regularized variant of a continuous second-order gradient projection method 60896
Vasil'ev, G.A. *see* Belov, A.S. 120076
Vasil'ev, K.K., Krasheninnikov, V.R., Tashlinskii, A.G. A computer electroencephalograph 70132
Vasilev, L. *see* Koynov, S. 92887
Vasil'ev, L.N., Kaminskii, V.V., Kurapov, Yu.M., Romanova, M.V., Sharenkova, N.V. Electrical conductivity of thin SmS films 62774

Vasil'ev, M.B., Chuvashov, N.F., Skruchaev, Yu.K., Markov, V.I. Cumulative dose factors for a semi-infinite medium 101458
Vasil'ev, M.B., Chuvashov, N.F., Skruchaev, Yu.K., Markov, V.I. Cumulative dose factors of collimated X-rays in water 101459
Vasilev, M.V. *see* Ageichik, A.A. 116340
Vasil'ev, V. *see* Mondino, P.-L. 64567
Vasil'ev, V.A., Krainov, A.V., Gevorkov, I.G. Calculation of the parameters of a unified geothermal power plant operating on a water-ammonia mixture 102494
Vasil'ev, V.V., Velichanskii, V.L., Gorodetskii, M.L., Il'chenko, V.S., Hollberg, L., Yarovitskii, A.V. High-coherence diode laser with optical feedback via a microcavity with 'whispering gallery' modes 107329
Vasil'ev, V.V. *see* Ovsyuk, V.N. 64931
Vasilevskaya, L.M., Khatountsev, A.I., Kuznetsov, Y.A. Multispectral CCD for space engineering 100092
Vasilevskaya, L.M. *see* Kurova, O.P. 101580
Vasilevsky, A. *see* Kiver, A. 100389
Vasiliadou, E. *see* Bollweg, K. 105424
Vasiliev, A.S., Gaidash, V.A., Kirillov, G.A., Komissarova, T.I., Lapo, L.M., L'vov, L.V., Murugov, V.M., Ozerov, M.A., Punin, V.T., Ryadov, A.V., Smirnov, A.B., Sokol'ski, M.N., Fedotov, A.N. Optical system of the laser facility ISKRA-5 116327
Vasiliev, I.V. *see* Kozlov, A.S. 106453
Vasiliev, N.S. Routing's control and equilibrium of flows in ring networks 67609
Vasiliev, V. *see* Kashikhin, V. 90059
Vasiliou, G. *see* Mailis, S. 116770
Vasiliu, M. *see* Enache, R. 116933
Vasiliu, S., Bouillault, F., Degardin, A., Kreisler, A. Modelling of the electric characteristic of type II superconductors by means of Ligurian minimisation 64511
Vasiljev, A.A. *see* Murin, B.P. 89773
Vasiljevic, D.G. *see* Nikolic, P.M. 83827
Vasilkov, D.M. *see* Kovalev, M.M. 60885
Vasil'kov, Ye.M. Correlation function and spectral density of two-fold phase-shift keyed shifted signals with overlapping of pulses 76694
Vasilopoulos, P. *see* Akis, R. 63808
Vasilopoulos, P. *see* Akis, R. 64765
Vasiltsov, V.V., Galushkin, M.G., Golubev, V.S., Panchenko, V.Ya., Roshin, A.P., Soloviev, A.V. High-power waveguide industrial CO$_2$ lasers 107083
Vasily, K.N. *see* Plakhtyna, Y.G. 71737
Vasil'yev, A.S. *see* Blinov, Yu.I. 71930
Vasil'yev, E.N., Kalashnikov, V.A. Diffraction of plane E wave by the joint between a dielectric sheet and a metallic wedge 76385
Vasilyev, O. *see* Glasman, C. 117691
Vasilyev, Yu. *see* Suchalkin, S. 69188
Vasilyev, Yu.F., Zamaraev, B.D., Kostina, V.L., Roenko, A.N. Investigation and catalogization of backscattering characteristics of different Earth covers in millimeter wave band 120662
Vasilyev, Yu.F. *see* Roenko, A.N. 120882
Vasilyev, Yu.V. *see* Danilov, V.V. 120582
Vasin, I.Yu. *see* Devyatkov, N.D. 110881
Vasina, P. *see* Koktavy, B. 93967
Vasina, P. *see* Sikula, J. 93949
Vasina, P. *see* Sikula, J. 94878
Vasina, P. *see* Sikula, J. 104887
Vas'kina, O.N. *see* Shamrakov, A.L. 79385
Vasko, F.T. Photon drag effect in tunnel-coupled quantum wells 63064
Vas'ko, F.T., Strikha, M.V., Tarbaev, N.I., Shepel'skii, G.A. Birefringence of cadmium telluride at 77 K induced by uniaxial stress 74266
Vasko, F.T. *see* Raichev, O.E. 114738
Vasko, F.T. *see* Soldatenko, Yu.N. 114787
Vasko, F.T. *see* Zakharova, A. 83894
Vas'ko, V.A., Kraus, P.A., Achutharaman, V.S., Nordman, C.A., Goldman, A.M. Ozone assisted, block-by-block, molecular beam epitaxy of La-M-Mn-O (M=Ca, Ba, Sr) thin films and La-M-Mn-O/Dy-Ba-Cu-O multilayers 61196
Vas'kovskii, V.O. Magnetic thermocompensation of magnetoresistive converters 75287
Vas'kovskij, V.O., Svalov, A.V., Ryazantsev, A.A. Amorphous gadolinium-cobalt films with in-plane anisotropy for magnetoresistive sandwiches 95348
Vasnetsov, M.V. *see* Ilyenkov, A.V. 85672
Vasnetsov, M.V. *see* Soskin, M.S. 85742
Vasquez, R. *see* Manian, V. 117356
Vass, D.G. *see* Bodammer, G. 106880
Vass, D.G. *see* Burns, D.C. 75647
Vass, D.G. *see* O'Hara, A. 75616
Vass, D.G. *see* O'Hara, A. 85096
Vass, D.G. *see* Rankin, I.D. 100212
Vass, D.G. *see* Underwood, I. 79631
Vass, D.G. *see* Walker, A.C. 85336
Vass, J. *see* Fodor, D. 91811
Vassallo, C., Collino, F. Highly efficient absorbing boundary conditions for the beam propagation method 76541
Vassallo, C. *see* Sigogne, D. 88601
Vassallo, E. *see* Bosisio, A. 78616
Vassanyi, I., Erenyi, I. Implementation of processor cells for array algorithms on FPGAs 104531
Vasseghi, N., Koike, P., Yang, L., Freitas, D., Conrad, R., Bomdica, A., Li-Siang Lee, Gupta, S., Moon-Yee Wang, Chang, R., Chan, W., Lee, C., Lutz, F., Leu, F., Nguyen, H., Nasir, Q. 200 MHz superscalar RISC processor circuit design issues 73439
Vasserman, I. *see* Frachon, D. 101001
Vasserman, I. *see* Gluskin, E. 101000
Vasserman, S. *see* Dikansky, N.S. 89778
Vasseur, A. *see* Gagnol, P. 102336
Vasseur, H., Gibbins, C.J. Inference of fog characteristics from attenuation measurements at millimeter and optical wavelengths 116898
Vasseur, H., Vanhoenacker-Janvier, D. Slant-path attenuation and depolarisation statistics at the Ka-band in Belgium 76417
Vasseur, H. *see* van de Kamp, M.M.J.L. 107879
Vassie, J.M. *see* Woodworth, P.L. 120809
Vassilakis, P. *see* Dounais, G. 102431
Vassilakopoulos, M. *see* Manolopoulos, Y. 77216
Vassilas, N., Thiran, P., Ienne, P. On modifications of Kohonen's feature map algorithm for an efficient parallel implementation 108198
Vassilev, L., Toneva, A. Raman scattering from hydrogenated amorphous silicon obtained by homogeneous chemical vapour deposition 114586
Vassilev, T.I. Fair interpolation and approximation of B-splines by energy minimization and points insertion 82524
Vassileva, T. *see* Tchoumatchenko, V. 104534
Vassilevski, K.V., Sizov, V.E., Babanin, A.I., Melnik, Yu.V., Zubrilov, A.S. Dry etching of gallium nitride using CCl$_2$F$_2$, CCl$_4$ and their mixtures with N$_2$ and air 114954
Vassilevski, P.S. *see* Rusten, T. 61095
Vassiliadis, S. *see* Ming Zhang 113804
Vassiliadis, S. *see* Wei Lin 72521
Vassiliadis, V.S. Application of the modified barrier method in large-scale quadratic programming problems 60900
Vassiliev, L. *see* Andriischin, A. 100413
Vassilieva, L. *see* Akesson, T. 69833
Vassiliou, I. *see* Miliozzi, P. 84590
Vassiliou, M. *see* Schnorrenberg, F. 120356
Vassilladis, S., Contofana, S., Bertels, K. 2-1 addition and related arithmetic operations with threshold logic 113840
Vassilovski, D. *see* Ta-Chung Wu 96324
Vasta, R. *see* Cirio, L. 66054
Vastberg, A. Signal intensity in the geometrical optics approximation for the magnetised ionosphere 97096
Vastola, D.J. *see* Tohme, W.G. 90258
Vastola, K.S. *see* Kabatepe, M. 78041
Vastola, K.S. *see* Saulnier, E.T. 87324
Vasudev, P.K. *see* Zhao, B. 84213
Vasudev, P.K. *see* Zhao, B. 94839
Vasudevan, K., Sasidhara Rao, P. A modular approach to the simulation of doubly-fed induction machine systems 111976
Vasudevan, R. *see* Sriraman, M.R. 120919
Vasudevan, S., Shaikh, A. Wide band electrical characterization of low temperature cofired ceramic tape 82244
Vasudevan, S., Shaikh, A. Low TCR silver palladium thick film resistors for surge protection 88659
Vasudevan, S., Shaikh, A. Microwave characterization of low temperature cofired ceramic tape 92259
Vasudevan, S., Varanasi, M.K. Achieving near-optimum asymptotic efficiency and fading resistance over the time-varying Rayleigh-faded CDMA channel 109354
Vasudevan, T. *see* Paruthimal Kalaignan, G. 112275
Vasyl'tsiv, V.I., Rym, Ya.I. Optical absorption and photoconductivity of monocrystals β-Ga$_2$O$_3$ 106934
Vatalaro, F., Corazza, G.E. Probability of error and outage in a Rice-lognormal channel for terrestrial and satellite personal communications 99358
Vatalaro, F., Corazza, G.E. Analysis of performance and possible trends of CDMA cellular systems 118843
Vatalaro, F., Corazza, G.E., Ceccarelli, F., De Maio, G. CDMA cellular systems performance with imperfect power control and shadowing 118862
Vatalaro, F. *see* Bosisio, A. 78616
Vatannia, S., Gildenblat, G. Airy's functions implementation of the transfer-matrix method for resonant tunneling in variably spaced finite superlattices 63055
Vatnitsky, S.M., Siebers, J.V. Comparison of water calorimeter with reference ionization chamber dosimetry in high-energy photon and proton beams 90659
Vatra, F. *see* Albert, H. 101793
Vatra, F. *see* Albert, H. 101794
Vatsala, A.S., Stutson, D. Generalized quasilinearization and first-order periodic boundary value problem 82543
Vatsolaki, P. *see* Katevenis, M. 98972
Vaucher, C.L., Balme, L.J., Benali, A. The PPM myth in board assembly 82159
Vaucher, N. *see* Houelle, A. 93047
Vaudenay, S. On the weak keys of Blowfish 66500
Vaudenay, S. An experiment on DES statistical cryptanalysis 76744
Vaudenay, S. Hidden collisions on DSS 97495
Vaudo, R.P. *see* Moustakas, T.D. 104058
Vaudon, P., Jecko, B., Brachat, P. Some relations between the radiation patterns in the two main planes and the whole radiation pattern 76554
Vaughan, B. *see* Patel, R. 102290
Vaughan, B.W. *see* Bushnell, M.J. 91022
Vaughan, B.W. *see* Ironmonger, S.N. 70630
Vaughan, J.M. *see* Hill, C.A. 107078
Vaughan, M.J., Compton, R.C. Injection-locked 28-GHz oscillator array with disk-cylinder reflector 66124
Vaughan, M.J., Compton, R.C., Duncan, S., Tu, D., Weinreb, S. Monolithic, W-band, voltage-controlled oscillator 83489
Vaughan, M.J., Wright, W., Compton, R.C. Active antenna elements for millimeter-wave cellular communications 88258
Vaughan, M.J. *see* Saavedra, C.E. 99072
Vaughan, M.R. *see* Chin, V.W.L. 94543
Vaughan, R.A. *see* Fancey, N.E. *(editor)* 103282
Vaughan, T.A., Lakrimi, M., Nicholas, R.J., Mason, N.J., Walker, P.J. Long-wavelength interband photoresponse of III-V superlattices 62863
Vaughn, C.R. *see* Rabine, D.L. 111092
Vaughn, M. *see* Han, S. 88584
Vaughn, M.D., Wang, A., Blumenthal, D.J. Simultaneous all-optical wavelength conversion of baseband payload and removal/replacement of subcarrier multiplexed headers 78781
Vaughn, M.D. *see* Blumenthal, D.J. 78697
Vaughn, M.D. *see* Shell, M. 109661
Vaughn, M.J. *see* Hetherington, H.P. 101301
Vaupel, G. *see* Hugelschafer, L. 81540
Vaupel, M. Herstellung und Magnetfeldabhangigkeit gesputterter schmaler YBa$_2$Cu$_3$O$_7$-Stufenkontakte (Synthesis and magnetic field dependence of sputtered narrow YBa$_2$Cu$_3$O$_7$ step contacts) 64563
Vaupel, M., Ockenfuss, G., Woerdenweber, R. Magnetic field investigations of small sputtered step-edge junctions 95487
Vaupel, M. *see* Heckenberg, N.R. 116697
Vaupel, M. *see* Malos, J.T. 85560
Vaupel, R., Ockenfuss, G., Wordenweber, R. Magnetic field behavior of small sputtered step-edge junctions 75352
Vaupel, T., Hansen, V. Efficient implementation of higher order expansion functions into the spectral domain analysis of planar circuits 82825
Vaurio, J.K. Developments in reliability data collection and analysis 111703
Vautrot, P. *see* Herbin, M. 117734
Vavalis, E. *see* Caputo, J.-G. 106688
Vavasis, S.A. Stable finite elements for problems with wild coefficients 82570
Vavilov, S.G., Logachev, A.V., Lukin, A.A., Skuridin, A.A. Structure and properties of ingots from magnetic materials of REM-Fe-M-B type 106623
Vavra, I. *see* Luby, S. 74107
Va'vra, J. Photon detectors 69124
Va'vra, J. *see* Abe, K. 69708
Va'vra, J. *see* Abe, K. 69726
Va'vra, J. *see* Buzulutskov, A. 62560
Vavra, W. *see* Krebs, J.J. 75186
Vavrina, G. *see* Schmid, G.J. 120215
Vavriv, D.M., Vinogradov, V.V., Stepanov, A.V., Yurovskii, Yu.F. 1/f processes in the solar radio emission 117366
Vawter, G.A. *see* Borges, B.V. 99594
Vawter, G.A. *see* Fritz, I.J. 116109
Vawter, G.A. *see* Mar, A. 107230
Vawter, G.A. *see* Smith, R.E. 85066
Vawter, G.A. *see* Smith, R.E. 95929
Vaya, P.R., Chua Soo Jin, See Leng Kian Effect of strain in In$_{1-x-y}$Al$_y$Ga$_x$As/In$_{0.523}$Al$_{0.477}$As QW system on InP substrate 76028
Vaynberg, B., Matusovsky, M., Rosenbluh, M. Four wave mixing observation of a satellite in the Na-Xe non-impact collisional lineshape 116712
Vaynman, S. *see* Rawsky, G.C. 112291
Vaz, J.C., Rosario, M.J., Costa Freire, J. Accuracy of the simulation of V band MMICs typical microstrip elements with CAD programs 62340
Vaz, R.F. *see* Hill, B.K. 78964
Vazhinskii, V.N., Ivanova, E.E., Teterin, V.V. Structural method for recognizing partially distorted contour images 108467
Vazirani, U. *see* Jerrum, M. 113203
Vaziri, K. *see* Johnstone, C. 79799
Vaziri, M. *see* Ahn, K.H. 95903
Vaziri, M. *see* Cao, X.D. 95906
Vaznov, S. *see* Kalimov, A. 107786
Vaznov, S.A. *see* Kalimov, A.G. 107727
Vazouras, C.N. *see* Cottis, P.G. 97041
Vazouras, C.N. *see* Kanellopoulos, J.D. 68345
Vazquez, D., Huertas, J.L., Rueda, A. Reducing the impact of DFT on the performance of analog integrated circuits: improved sw-op amp design 106199
Vazquez, G. *see* Gonzalez-Vidal, F. 118657
Vazquez, G.J. Optical remote sensing of atmospheric compounds 120740
Vazquez, G.J. *see* Mendoza, C.I. 114795
Vazquez, J.A.D., Gonzalez, I.V., Matilla, S.L., Gonzalez, J.M.R. Converter control theory about three-phases unbalanced loads 71500
Vazquez, L. *see* Perez-Rigueiro, J. 61310
Vazquez, M. *see* Kim, W.T. 115530
Vazquez, M. *see* Valenzuela, R. 84845

Vazquez-Abad, F.J., Mason, L.G. Adaptive decentralized control under non-uniqueness of the optimal control 117948
Vazquez-Lopez, C. *see* Cruz-Orea, A. 83810
Vazquez-Martinez, A. *see* Rocha, R. 116591
Vazquez-Martinez, E., Altuve, H.J., Chacon, O.L. Neural network approach to fault detection in electric power systems 111671
Vazsonyi, E. *see* Cantin, J.L. 94259
Vazsonyi, E. *see* Morazzani, V. 94249
Vazyulin, N.V., Leviush, A.I. Clock synchronization in relay protection 70968
v.d. Laan, J. *see* Noomen, J.G. 100546
v.d. Meijs, N.P. *see* Nowacka, E.B. 93058
V.D. Scheer, A.B. *see* Mouthaan, A.J. 84322
Vdovin, E.E. *see* Dubrovskii, Yu.V. 105365
Vdovin, E.E. *see* Dubrovskii, Y.V. 83954
Vdovin, I.V., Gutman, A.L. Unwanted oscillations in powerful broadband microwave transmitters and possible improvement in the selectivity of their antenna channel 104810
Vdovin, V.F. *see* Pantsyrnyi, V.I. 95565
Veatch, J.D. *see* Kluepfel, H.M. 118502
Veca, A.C., Reale, R.M., Carelli, R. Ultrasonic system travelling time determination in an interfering environment 101614
Veca, G. *see* Podesta, L. 111537
Veca, G.M. *see* Battistelli, L. 121902
Veca, G.M. *see* Del Vecchio, P. 91218
Veca, G.M. *see* Geri, A. 121903
Vecchi, G., Matekovits, L., Pirinoli, P., Orefice, M. A numerical regularization of EFIE for printed structures 108006
Vecchi, G., Matekovits, L., Pirinoli, P., Orefice, M. Hybrid spectral-spatial method for the analysis of printed antennas 117078
Vecchi, G., Pirinoli, P., Matekovits, L., Orefice, M. A reduced representation of the frequency response of printed antennas 97345
Vecchi, G., Pirinoli, P., Orefice, M. Subsectional edge functions for spectral-domain MoM in printed antennas analysis 65987
Vecchi, G., Pirinoli, P., Orefice, M. A regularization scheme for the efficient numerical analysis of printed structures 66004
Vecchi, L. *see* Contiero, C. 104329
Vecchi, M.C., Zorzi, N., Pierantoni, A., Abenda, S., Ciampolini, P., Rudan, M. 3D modeling of a bipolar smart optical sensor fabricated in CMOS technology 69144
Vecchia, P. *see* Barbaro, V. 70261
Vecchietti, A. *see* Guilhou, G. 98517
Vecchio, A. Highly stable parallel Volterra Runge-Kutta methods 72706
Vecchio, P.Del *see* Del Vecchio, P.
Vecci, L. *see* Schussler, M. 113047
Vecher, A.A. *see* Kharton, V.V. 81801
Vecher, A.A. *see* Naumovich, E.N. 81802
Vecht, A. Advances in phosphor materials for display application 89315
Vecht, A. *see* Chadha, S.S. 85269
Vecht, D. *see* Koziarz, N.A. 119154
Veciana, G.De *see* De Veciana, G.
Vecsey, G. *see* Blau, B. 95527
Vedagarbha, P., Burg, T., Hu, J., Dawson, D. Development and demonstration of a new class of adaptive partial state feedback controllers for electric machines 121506
Vedagarbha, P. *see* Hu, J. 102738
Vedam, R. *see* Othman, H. 101963
Vedda, A. *see* Martini, M. 74496
Vedda, A. *see* Martini, M. 105517
Vedel, F. *see* Knoop, M. 79224
Vedel, J., Thouin, L., Lincot, D. Relation between physical properties and deposition conditions of electrodeposited CuInSe$_2$ 95948
Vedel, J. *see* Guillemoles, J.-F. 61316
Vedel, M. *see* Knoop, M. 79224
Vedernikov, G.P. *see* Salunin, N.I. 95424
Vedeneev, A.S. *see* Popovici, G. 105116
Vedenov, V. A laser measuring technique for checking and control the movement trajectory of the moving part robots 100305
Vederko, A.V., Marchenko, V.F., Sukhorukov, A.P. Experimental observation of slow and immobile solitons 73075
Vedernikov, A.V. *see* Shipitsyn, V.V. 71565
Vedernikov, G.P., Gubkin, I.N., Zelenskiy, G.K., Korpusov, V.Yu., Nikulenkov, E.V., Nikulin, A.D., Plaskkin, E.I., Fil'kin, V.Ya., Klimenko, E.Yu., Novikov, S.I. NbTi superconductors designed for AC operation 95421
Vedeshwar, A.G. *see* Arun, P. 64613
Vedigal, L. *see* Sousa, A. 88168
Vedovetto, A. *see* Bresin, R. 99811
Vedrenne, G. *see* Naya, J.E. 69895
Vedula, R.R. *see* Kim, K.J. 106488
Veeger, H.E.J. *see* van der Linden, M. 110943
Veelaert, P., Peremans, H. Situation recognition for behavior based mobile robots 90866
Veelenturf, L.P.J. *see* Vonk, E. 83285
Veen, A.-J.van der *see* van der Veen, A.-J.
Veen, A.van *see* van Veen, A.
Veen, B.D.Van *see* Van Veen, B.D.
Veen, D.T.van *see* van Veen, D.T.
Veen, J.F.van der *see* van der Veen, J.F.
Veen, N.Van *see* Van Veen, N.
Veendrick, H.J.M. *see* Vissers, K.A. 97910
Veenis, W.J. *see* Flipse, M.C. 106848
Veenland, J.F., Grashuis, J.L., van der Meer, F., Beckers, A.L.D., Gelsema, E.S. Estimation of fractal dimension in radiographs 80211
Veerakachen, W. *see* Honig, M.L. 108344
Veeranna, V. *see* Maheshkumar, J.R. 66804
Veeraraghavan, M., Karol, M., Eng, K.Y. Mobility management in a wireless ATM LAN 77993
Veeraraghavan, M., Kshirsagar, M.M., Choudhury, G.L. Concurrent ATM connection setup reducing need for VP provisioning 87310
Veeraraghavan, M., La Porta, T.F. Distributed call processing architecture (DCPA) 67819
Veeraraghavan, M. *see* Karol, M. 67852
Veeraraghavan, M. *see* Zhigang Qin 78445
Veeraraghavan, P.S. *see* Narayana Moorthy, N. 76476
Veeraraghavan, P.S. *see* Umamaheswaran, R. 80539
Veerasingam, R., Campbell, R.B., McGrath, R.T. 1D fluid simulations of a helium-xenon filled AC plasma display panel 69385
Veerasingam, R. *see* Campbell, R.B. 69411
Veeravalli, V. Decentralized quickest change detection 66637
Veeravalli, V.V. *see* Kelly, O.E. 88371
Veeravalli, V.V. *see* Landolsi, M.A. 118961
Veers, P.S. *see* James, G.H. 111870
Vega, F.M.De La *see* De La Vega, F.M.
Vega, M. *see* Salinas, R. 77541
Vega, R.de la *see* de la Vega, R.
Vega Carrillo, H.R. Geometrical efficiency for a parallel disk source and detector 69767
Vega Riveros, J.F. *see* Barbosa-Mier, R.I. 101385
Vega-Garcia, A. *see* Bolot, J.-C. 87725
Vegetti, G. *see* Pietralunga, S. 65424
Vegh, G., Simoen, E., Vanhellemont, J., Claeys, C. Analysis of irradiation induced defects in silicon devices 94905
Veghini, F. *see* Bregni, S. 77545
Vegni, L., Toscano, A. Radiation of an electric point-source in a homogeneous omega medium 85830
Vegni, L., Toscano, A. Input impedance of a chirostrip antenna 97387
Vegni, L., Toscano, A. Analysis of microstrip antennas using neural networks 108042
Vegni, L., Toscano, A., Urbani, F. Electromagnetic field computation in planar integrated structure with a biisotropic chiral grounded slab 108039
Vegni, L., Urbani, F., Toscano, A. Exponentially tapered non uniform transmission lines 107965
Vegni, L. *see* Popovski, B. 66125
Vegni, L. *see* Toscano, A. 65950
Veh, A.Okapuu-von *see* Okapuu-von Veh, A.
Vehanen, A. *see* Kordina, O. 103913
Vehanen, A. *see* Tuominen, M. 103819
Vehanen, A. *see* Yakimova, R. 103980
Vehvilainen, K. *see* Turunen, S. 99315
Veibist, L. *see* Suard, B. 119487
Veigel, L. *see* Henderson, T.C. 79023
Veiko, V.P., Shahno, E.A., Yurkevich, B.M., Chujko, W.A., Podlaskin, B.G., Tokranova, N.A. Local laser-induced film transfer: theory and applications 104103
Veiko, V.P., Shakola, A.T., Jakovlev, E.B., Shahno, E.A. Aspherization of cylindrical lenses by laser irradiation 106907
Veillette, B.R., Roberts, G.W. FM signal generation using delta-sigma oscillators 104399
Veilleux, L. *see* Michelon, P. 82493
Veit, J. Boundary value problems for partial difference equations 66767
Veitch, B., Mason, R., Stehwien, W. X Windows graphical interface for radar image processing 77295
Veitch, J.A., McColl, S.L. Modulation of fluorescent light: flicker rate and light source effects on visual performance and visual comfort 81992
Veitch, P. *see* Muller, C. 77871
Veitch, P.A., Smith, D.G., Hawker, I. A distributed protocol for fast and robust virtual path restoration 77742
Veitch, P.A., Smith, D.G., Hawker, I. Design and performance issues of protection virtual path networks 108882
Veitch, R.J. Shear magnetometry for the analysis of magnetic tape dispersions 115826
Veitch, R.J. *see* Richter, H.J. 106502
Veitch, R.J. *see* Richter, H.J. 106606
Veith, C. *see* Buchenrieder, K. 113677
Veith, M., Eick, T., Brodkorb, W., Manzel, M., Bruchlos, I., Kohler, T., Schmidt, H.-G., Steinbeiss, E., Fuchs, H.-J., Schlenga, K., Hechtfischer, G., Muller, P. Fabrication and properties of intrinsic Josephson junctions in thin films of Tl-Ba-Ca-Cu-O 115884
Veith, P. Testing of interoperability and interworking on transmission and management facilities of network elements 108969
Vekara, T.T., Eriksson, J.-T., Tanttu, J.T. Dynamic model of an electromagnetic massive core brake actuator 65734
Vekic, B., Ranogajec-Komor, M. Determination of patient surface doses from computerised tomography examination of the head 120575
Vekic, B. *see* Ranogajec-Komor, M. 110990
Vekselman, A.M., Darling, G.D. Completely water-processable and other chemically amplified resists from maleic anhydride copolymers 105782
Veksler, M.I. Tunnel metal-dielectric-semiconductor structure with a high current density (reverse-bias mode) 114835
Veksler, M.I. *see* Bolotov, L.N. 63655
Vela, D.Gomez *see* Gomez Vela, D.
Velakoulis, D. *see* Zheng, Z.J. 70016
Velamuri, S. *see* Conner, B. 83189
Velarde, A. *see* Kakimoto, F. 69777
Velarde, G. *see* Hofmann, I. 69647
Velarde, J.Martinez *see* Martinez Velarde, J.
Velasco, A.J., Marin, X., Llopis, R.P., Carrabina, J. A combined pairing and chaining algorithm for CMOS layout generation 74835
Velasco, D.Fernandez de *see* Fernandez de Velasco, D.
Velasco, G., Jaroszynski, R., Baez-Lopez, D., Ramirez, J.M., Montero, O. Multimedia based teaching aids for basic electric circuit theory 92077
Velasco, J.R., Gonzalez, J.C., Magdalena, L., Iglesias, C.A. Multiagent-based control systems: a hybrid approach to distributed process control 81300
Velasquez, L. *see* Singh, A. 84302
Velasquez, L. *see* Singh, A. 94901
Velasquez, R. *see* Kanda, H. 83639
Velasquez, W. *see* Kakimoto, F. 69777
Velastin, S.A. *see* Jia Hong Yin 87033
Velastin, S.A. *see* Yin, J.H. 98246
Velazco, R. *see* Assoum, A. 73608
Velazco, R. *see* Assoum, A. 104774
Velazco, R. *see* Bezerra, F. 73463
Velazco, R. *see* Bezerra, F. 104599
Velazco, R. *see* Bezerra, F. 110014
Velazquez, A. *see* Gomez, Y. 119341
Velazquez, J.E. *see* Martin, M.J. 62816
Velazquez, P. *see* Ramos, G. 102215
Velazquez, R. *see* de la Rosa, F. 121137
Velbeck, K.J. *see* Perry, O.R. 110985
Velbeck, K.J. *see* Tawil, R.A. 110973
Velchev, I., Dreischuh, A., Neshev, D., Dinev, S. Interactions of optical vortex solitons superimposed on different background beams 107604
Velde, C.vander *see* vander Velde, C.
Velde, J.van de *see* van de Velde, J.
Velde, T.Van de *see* Van de Velde, T.
Velden, C.S. Winds derived from geostationary satellite moisture channel observations: applications and impact on numerical weather prediction 120769
Veldhuis, G.J., Berends, J.H., Lambeck, P.V. Design and characterization of a mode-splitting Ψ-junction 85075
Veldhuis, R., Haiyan He Time-scale and pitch modifications of speech signals and resynthesis from the discrete short-time Fourier transform 86123
Veldkamp, M. The EMC directive and the installer 97165
Veleva, P.K. *see* Shapiro, V.A. 86476
Velez, J., Borges, A.R. Performance evaluation of image reconstruction algorithms in an electromagnetic tomographic system 98186
Velghe, R.M.D.A., Klaassen, D.B.M. Prediction of compact MOS model parameters for low-power application 84545
Velghe, R.M.D.A. *see* Meyssen, V.M.H. 84172
Veliadis, J.V.D., Khurgin, J.B., Ding, Y.J. Engineering of the nonradiative transition rates in modulation-doped multiple-quantum wells 74437
Veliadis, J.V.D. *see* Cui, A.G. 94559
Velichanskii, V.L. *see* Vasil'ev, V.V. 107329
Velichansky, V.L. *see* Zibrov, A.S. 96116
Velichko, A.V. *see* Cherpak, N.T. 79653
Velichkoviskiy, V.V., Petrovskiy, A.A. Optimization of the mathematical model of a digital Hilbert transformer 77055
Veliev, E.I., Oksasoglu, A. Bessel functions series in two dimensional diffraction problems 85839
Veligosha, A.V. *see* Chervyakov, N.I. 66775
Velikanov, S.D., Sinitsyn, M.V., Shchurov, V.V. Operation of a chemical laser as an amplifier 107124
Velikanov, S.D. *see* Borisov, V.P. 65040
Velikanov, S.D. *see* Borisov, V.P. 116326
Velikodniy, Yu.A. *see* Belov, V.V. 104172
Velikov, D., Goldman, M., Hester, D., Kukas, A.W., Takemoto, C., Goetz, K., Zhang, H., Karklin, L. Endpoint detector monitors photoresist develop process 115046
Velikov, D., Goldman, M., Hester, D., Kukas, A.W., Takemoto, C., Goetz, K., Zhang, H., Karklin, L. Application of a develop end point detector as a timely and cost-effective alternative to using a SEM for CD measurement in production photolithography 115085
Veling, E.J.M. *see* Chaudhry, M.A. 61083
Velis, D.N. *see* van der Heyden, M.J. 90514
Velitchko, T.V. *see* Galkin, N.G. 113307
Veliz, R.O., Souza, J.R. Distortion and coupling analysis of short electric pulses on lossy, coupled microstrip lines 93679
Veljovic, Z. *see* Pejanovic, M. 119043
Velkovitch, Y. *see* Dori, D. 67491
Vella, M.C. *see* Current, M. 105569
Vella, M.C. *see* Stuart, M. 89807
Vellaikal, A., Wan, X., Jay Kuo, C.-C. Content-based retrieval of multispectral images 98178
Vellasco, M. *see* Zebulum, R.S. 91057
Vellenga, D. *see* Cha-Mei Tang 73995
Vellenga, D. *see* Goodwin-Johansson, S. 74981
Vellenga, D. *see* Palmer, D. 62571

Vellenga, D. *see* Palmer, D. 105051
Vellenga, D. *see* Yadon, L.N. 74016
Vellou, D. *see* Dautriche, P. 104625
Vellvehi, M., Godignon, P., Flores, D., Fernandez, J., Hidalgo, S., Rebollo, J., Milian, J. A new lateral insulated gate bipolar transistor structure with improved electrical characteristics 82938
Vellvehi, M. *see* Flores, D. 63644
Vellvehi, M. *see* Flores, D. 63645
Velmurugan, S. *see* Tyagi, A.K. 75307
Velo, L. *see* Moslehi, M.M. 84056
Veloso, J.F.C.A., Lopes, J.A.M., dos Santos, J.M.F., Conde, C.A.N. A microstrip gas chamber as a VUV photosensor for a xenon gas proportional scintillation counter 80045
Veloso, J.F.C.A., Lopes, J.A.M., dos Santos, J.M.F., Conde, C.A.N. A microstrip gas chamber based gas proportional scintillation counter 101021
Veloso, J.F.C.A. *see* Dias, T.H.V.T. 80068
Veloso, J.F.C.A. *see* dos Santos, J.M.F. 74084
Veloso, J.F.C.A. *see* dos Santos, J.M.F. 100834
Veloso, J.F.C.A. *see* dos Santos, J.M.F. 101016
Veloso, M. *see* Fuglsang-Frederiksen, A. 90546
Veloso, M. *see* Johnsen, B. 90545
Velsko, S.P., Krupke, W.F. Applications of high-average power nonlinear optics 96680
Velsko, S.P. *see* Ebbers, C.A. 96693
Velsko, S.P. *see* Webb, M.S. 96697
Velten, V. *see* Nandhakumar, N. 66975
Velten, V. *see* Nandhakumar, N. 69242
Velten, V. *see* Nandhakumar, N. 77171
Velthaus, K.-O., Troppenz, U., Huttl, B., Herrmann, R., Mauch, R.H. High luminance ZnS:Mn/SrS:Ce TFEL devices 89343
Velthaus, K.O. *see* Huettl, B. 75712
Velthuijsen, H. Issues of non-monotonicity in feature-interaction detection [telecommunications systems] 67621
Velthuis, R.G.J.Oude *see* Oude Velthuis, R.G.J.
Velthuizen, R.P. *see* Vaidyanathan, M. 80221
Veltman, A., Bhattacharya, S., Divan, D.M. Flux based and predictive voltage based current regulators for motor drive applications 112447
Veltman, A. *see* Bhattacharya, S. 70647
Veltri, J. *see* Verhaege, K. 116815
Veltri, M. *see* Autiero, D. 69815
Veltroni, M. *see* Berizzi, F. 120717
Velu, E.M.T. *see* Lambeth, D.N. 64423
Veluri, V.R. *see* Moe, H.J. 89761
Vembu, S., Viterbi, A.J. Two different philosophies in CDMA—a comparison 118028
Vempati, L.S., Cressler, J.D., Babcock, J.A., Jaeger, R.C., Harame, D.L. Low-frequency noise in UHV/CVD Si- and SiGe-base bipolar transistors 63625
Vempati, L.S., Cressler, J.D., Babcock, J.A., Jaeger, R.C., Harame, D.L. Low-frequency noise in UHV/CVD epitaxial Si and SiGe bipolar transistors 115156
Vempati, L.S. *see* Babcock, J.A. 94946
Vempati, V.S., Park, C.S. Economics of product design 72203
Vemuri, B.C. *see* Malladi, R. 67079
Vemuri, G. *see* Wood, D.M. 107290
Vemuri, R. *see* Katkoori, S. 93214
Vemuri, R. *see* Kumar, T. 113679
Vemuri, R. *see* Narasimhan, N. 104509
Vemuru, S.R. Accurate simultaneous switching noise estimation including velocity-saturation effects 63924
Ven, E.Van de *see* Van de Ven, E.
Ven, P.J.H.Van De *see* Van De Ven, P.J.H.
Venable, D. *see* Hu, Y.Z. 61379
Venable, J.M. Implementing an effective self-assessment program at Millstone station 81262
Venables, D. Who's going to manage the network? 118391
Vendier, O. *see* Evers, N. 105859
Vendier, O. *see* Jokerst, N.M. 75770
Vendik, I., Gevorgian, S., Kaparkov, D., Monin, A. High-Tc superconductor microstrip resonator on sapphire substrate (r-cut) 114223
Vendik, I., Kaparkov, D., Gaidukov, M., Razumov, S., Osadchiy, V., Sherman, V., Buslov, O., Chan, B., Bolioli, S., Dirassen, B. Fast digital phase shifter based on S-N transition in high-T_c superconducting film 106733
Vendik, I. *see* Bourse, D. 93707
Vendik, I.B., Gaidukov, M.M., Kaparkov, D.I., Kozyrev, A.B., Kuznetsov, V.V., Osadchiy, V.N. High-T_c superconducting phase shifters 75375
Vendik, I.B., Kuznetsov, N.V., Pattselt, T., Sitnikova, M.F., Kholodnyak, L.V. Simulation of a meander-shape microwave switch based on the S-N transition in a high-temperature superconductor film 75376
Vendik, I.B., Vendik, O.G., Gevorgian, S.S. Effective dielectric permittivity of r-cut sapphire microstrip [HTSC devices] 62183
Vendik, O. *see* Gevorgian, S. 114232
Vendik, O.G. Contribution of Prof Alexander S Popov to the development of wireless communications 103532
Vendik, O.G., Ter-Martirosyan, L.T. Size effect in a thin ferroelectric layer. I. Dielectric nonlinearity of a flat capacitor 75019
Vendik, O.G., Ter-Martirosyan, L.T. Size effect in a thin ferroelectric layer. II. Planar capacitor 75020
Vendik, O.G. *see* Vendik, I.B. 62183
Vendrame, L., Gravier, T., Kirtsch, J., Monroy, A., Chantre, A. Reliability improvement of single-poly quasi self-aligned BiCMOS BJTs using base surface arsenic compensation 115374
Vendrame, L. *see* Asti, S. 115162
Vendrame, L. *see* Zanoni, E. 63760
Vendrame, L. *see* Zanoni, E. 95074
Vendrusculo, E.A., Pomilio, J.A. High-efficiency regenerative electronic load using capacitive idling converter for power sources testing 121755
Venediktov, V.Yu. *see* Bogdanov, M.P. 107621
Venema, K. *see* Moscone, D. 101062
Venema, R.S. *see* Nijhuis, J.A.G. 66962
Venemans, P.H.A. *see* Meuris, B. 88476
Venemans, P.J. *see* Bohnen, H.G.M. 79243
Venes, A.G.W., van de Plassche, R.J. An 80 MHz 80 mW 8 b CMOS folding A/D converter with distributed T/H preprocessing 73493
Veness, P.J., Chidolue, G., Medhat, S.S. Concurrent engineering infrastructure. Tools, technologies and methods in British industry 72207
Venet, T. *see* Maigne, P. 92686
Venetianer, P.L., Roska, T. Image compression by CNN 108168
Venetsanopoulos, A.N. *see* Argenti, F. 66823
Venetsanopoulos, A.N. *see* Ilow, J. 85902
Venetsanopoulos, A.N. *see* Lin, H. 86550
Venetsanopoulos, A.N. *see* Muginov, G.D. 114038
Venetsanopoulos, A.N. *see* Plataniotis, K.N. 86540
Venetsanopoulos, A.N. *see* Trahanias, P.E. 77256
Venetsanopoulos, A.N. *see* Vinayagamoorthy, S. 62038
Venevtsev, Yu.N. Perovskites with "puckered" structures are large group of antiferroelectrics 106311
Venevtsev, Yu.N. *see* Starostina, T.A. 104171
Veneziano, D. *see* Qihang Li 90799
Veneziano, S. *see* Bindra, R. 90209
Veneziano, S. *see* Bindra, R. 100949
Veng, T., Skettrup, T., Pedersen, K. Second-order optical nonlinearities in dilute melt proton exchange waveguides in z-cut $LiNbO_3$ 116083
Veng, T. *see* Offersgaard, J.F. 75533
Vengalis, B. *see* Balevichius, S. 75379
Vengalis, B. *see* Balevichius, S. 115973
Vengsarkar, A. *see* Park, N. 88564
Vengsarkar, A.M. Long-period fiber gratings shape optical spectra 84993
Vengsarkar, A.M. Long period fiber gratings 85002
Vengsarkar, A.M. *see* Bergano, N.S. 88646
Vengsarkar, A.M. *see* Bhatia, V. 69209
Vengsarkar, A.M. *see* Bhatia, V. 89122
Vengsarkar, A.M. *see* Chang, C.-C. 99491
Vengsarkar, A.M. *see* Eiselt, M. 85016
Vengsarkar, A.M. *see* Eskilden, L. 109617
Vengsarkar, A.M. *see* Eskildsen, L. 78688
Vengsarkar, A.M. *see* Forghieri, F. 85000
Vengsarkar, A.M. *see* Hansen, P.B. 68498
Vengsarkar, A.M. *see* Hansen, P.B. 88615
Vengsarkar, A.M. *see* Hodgson, C.W. 65108
Vengsarkar, A.M. *see* Judkins, J.B. 85030
Vengsarkar, A.M. *see* Muys, W. 78816
Vengsarkar, A.M. *see* Narayanan, C. 85001
Vengsarkar, A.M. *see* Patrick, H.J. 100085
Vengurlekar, A.S. *see* Prabhu, S.S. 114615
Venhovens, P.J.T. *see* LeBlanc, D.J. 71863
Venier, P., Landolt, O., Debergh, P., Arreguit, X. Analog CMOS photosensitive array for solar illumination monitoring 79414
Venieris, I.S. *see* Anagnostou, M.E. 117985
Venieris, I.S. *see* Kolyvas, G.T. 118525
Venieris, I.S. *see* Tsiotsios, E.N. 109037
Venkat, K., Liang Chen, Ichiang Lin, Mistry, P., Madhani, P. Timing verification of dynamic circuits 61993
Venkat Ramana, K., Ramamoorthy, B. Statistical methods to compare the texture features of machined surfaces 98314
Venkata, S.S. *see* Brown, R.E. 121126
Venkata, S.S. *see* Kagalwala, R. 111590
Venkata, S.S. *see* Raju, N.R. 121007
Venkata, S.S. *see* Sidhu, T.S. 102229
Venkata, S.S. *see* Yeh, E.-C. 70870
Venkata, S.S. *see* Yeh, E.-C. 91151
Venkata Ramana, P. *see* Nageswara Rao, K. 73852
Venkata Ratnam, K., Chattopadhyay, A.B. Analysis of electromagnetic forces in a single-sided short rotor linear induction motor 112010
Venkatachalam, V., Aravena, J.L. Nonstationary signal enhancement using the wavelet transform 66645
Venkatakrishna Iyer, S. *see* Periasamy, P. 112276
Venkataram, S., Olejnik, C., Flores, G., Tien, D. An automated technique for optimizing stepper focus control 115092
Venkataraman, G. *see* Sukhatme, J.S. 111093
Venkataraman, S., Hartanto, I., Kent Fuchs, W. Dynamic diagnosis of sequential circuits based on stuck-at faults 104475
Venkataraman, S. *see* Chakravarty, S. 61822
Venkataraman, S. *see* Dong Xiang 83085
Venkataraman, V. *see* Raghavan, M.N.V. 105268
Venkataramanan, G. A family of PWM converters for three phase AC power conditioning 112122
Venkataramanan, G., Johnson, B., Law, J. A DC power system architecture for small stand-alone power systems 91065
Venkataramanan, G., Johnson, B.K., Sundaram, A. An AC-AC power converter for custom power applications 91662
Venkataramanan, G. *see* Johnson, B. 91003
Venkataramanan, G. *see* Manjrekar, M. 121759
Venkataratnam, K. *see* Choudhury, U.K. 81408
Venkataratnam, L. *see* Rao, K.S. 120668
Venkataratnam, L. *see* Rao, Y.S. 120660
Venkatasubramani, T.L. Indigenous development of a RFI shielded cabinet for electronic assemblies 79099
Venkatasubramanian, R., O'Quinn, B., Hills, J., Malta, D., Timmons, M.L., Hutchby, J.A., Ahrenkiel, R., Keyes, B.M. Development of high-efficiency GaAs solar cells on polycrystalline Ge substrates 112379
Venkatasubramanian, V., Weijun Ji Chaotic motions from intermittency mechanisms in a simple power system model 120966
Venkatasubramanian, V. *see* Ji, W. 80751
Venkatesan, G. *see* Madanlal, M.S. 103622
Venkatesan, G. *see* West, D. 113623
Venkatesan, G.T. *see* Amin, M.G. 66811
Venkatesan, R. *see* Aiello, W. 86072
Venkatesan, R. *see* Boneh, D. 97529
Venkatesan, R. *see* Mehrotra, P. 121472
Venkatesan, R. *see* Sivakumar, H. 87320
Venkatesan, R. *see* Sivakumar, H. 109307
Venkatesan, S., Fetcenko, M.A., Corrigan, D.A., Gifford, P.R., Dhar, S.K., Ovshinsky, S.R. Nickel-metal hydride electric vehicle batteries through materials science advances 112584
Venkatesan, S. *see* Gifford, P.R. 71668
Venkatesan, T. *see* Betouras, J.J. 115943
Venkatesan, T. *see* Ogale, S.B. 63693
Venkatesan, T. *see* Rajeswari, M. 75128
Venkatesan, T. *see* Takeuchi, I. 84886
Venkatesan, T. *see* Talyansky, V. 75360
Venkatesan, V., Bosley, B., Fragale, B., Groenig, P. Normal and shallow emitter ballast cell designs for 600 V IGBTs 113730
Venkatesh, B., Chung, M., Govindachar, S., Santurkar, V., Bill, C., Gutala, R., Zhou, D., Yu, J., Van Buskirk, M., Kawamura, S., Kurihara, K., Kawashima, H., Watanabe, H. A 55 ns 0.35 μm 5 V-only 16 M flash memory with deep-power-down 73350
Venkatesh, D., Little, T.D.C. Investigation of Web server access as a basis for designing video-on-demand systems 67728
Venkatesh, D., Little, T.D.C. Dynamic service aggregation for efficient use of resources in interactive video delivery 119455
Venkatesh, G. *see* Mehendale, M. 93603
Venkatesh, G. *see* Parekhji, R.A. 83093
Venkatesh, S. *see* Chahl, J. 86666
Venkatesh, S. *see* Lam, C.P. 86651
Venkatesh, S. *see* Lim, F.L. 87006
Venkatesh, S. *see* Tan, D. 86569
Venkatesh, S.S. *see* Snapp, R.R. 66633
Venkatesh, Y.V., Parthasarathy, M. Principal components of Gabor decomposition for texture segmentation 87138
Venkatesha, L. *see* Ramanarayanan, V. 111915
Venkatesha, M.K., Krishnamurthy, K.A. A 3-point PWM converter with less low order harmonics 81550
Venkateshmurthy, M. *see* Lowy, M. 99684
Venkateswaran, A., Sengupta, A. On a scalable topology for lightwave networks 88528
Venkateswaran, A. *see* Memon, N.D. 117845
Venkateswaran, N., Karpov, I., Gladfelter, W., Franciosi, A. Morphology and growth mode of Al films deposited by chemical vapor deposition from dimethylethylamine alane on GaAs(001)2×4 surfaces 92811
Venkateswaran, R., Raghavendra, C.S. Multicast switch based on tandem expanded delta network 78312
Venkateswaran, R. *see* Arora, R.S. 104001
Venkateswaran, S., Srihari, K., Adriance, J.H., Westby, G.R. A software system for process control and trouble shooting solder paste stencil printing 94077
Venkateswarlu, P. *see* Noginov, M.A. 65117
Venkateswarlu, P. *see* Sarkisov, S.S. 95746
Venkateswarlu, V., Narayana Rao, Y. Shielding efficiency measurements under pulsed electromagnetic fields 76453
Venkateswarlu, V., Sarathi, R., Narayana Rao, Y. Modelling of an electromagnetic pulse simulator and evaluation of its radiated field 76457
Venkatraj, V. *see* Bhalode, S. 120264
Venkatraman, S., Rao, N.A.H.K. Combining pulse compression and adaptive drive signal design to inverse filter the transducer system response and improve resolution in medical ultrasound 101202
Venkayya, V.B. *see* Tsou, H.S. 115451
Venn, R. *see* Peacock, A. 99994
Vennegues, P. *see* Massies, J. 61228
Venter, A., Laurie, D.P. Automatic quadrature of functions of the form g(|f(x)|) 60974
Venter, J.H., Steel, S.J. A hypothesis-testing approach toward identifying active contrasts 82299
Venter, R.D. *see* Qamhiyah, A.Z. 108521
Ventouras, E. *see* Michael, Ch. 120439
Ventra, M.Di *see* Di Ventra, M.
Ventre, G. *see* Ferrari, D. 118590
Ventrek, P.I.G. *see* Yamada, N. 63282

Ventrice, C.A. *see* Fares, M.A. 107890
Ventrudo, B.F. *see* Hargreaves, D. 85475
Ventruella, D.J., Steciuk, P. A second look at generator 51 V relays 91427
Ventura, L., Sousa, J.F., Castro, J.C. Automatic system for measuring ocular refractive errors 101231
Ventura, P., Hode, J.M., Lopes, B. Rigorous analysis of finite SAW devices with arbitrary electrode geometries 106426
Ventura, P., Hode, J.M., Solal, M. A new efficient combined FEM and periodic Green's function formalism for the analysis of periodic SAW structures 106427
Ventura, P. *see* Dufilie, P. 111354
Ventura, P. *see* Hode, J.M. 104670
Ventura-Traveset, J., Caire, G., Biglieri, E. The effect of space diversity on coded modulation for the fading channel 66328
Ventura-Traveset, J., Caire, G., Biglieri, E. Impact of diversity on mobile radio systems with coded modulation, fading, and co-channel interference 88218
Ventura-Traveset, J. *see* Biglieri, E. 88171
Ventura-Traveset, J. *see* Caire, G. 76700
Ventura-Traveset, J. *see* Coromina, F. 86004
Venturab, J.A. *see* Jen-Ming Chen 87184
Venturelli, L. *see* Agnello, M. 110583
Venturin, J.L. *see* Corbiere, T. 63932
Venturini, G. Towards a genetic theory of easy and hard functions 60894
Venturini, G. *see* Slimane, M. 60895
Venturini, M. *see* Leonardi, F. 81945
Venturini, W.S. *see* Coda, H.B. 61102
Ventzek, P. *see* Brake, M.L. 60472
Ventzek, P.L.G. *see* Yamada, N. 63404
Venugopal, D. *see* Bandyopadhyay, K. 99417
Venugopal, P. *see* Qian, W. 80222
Venugopal, P. *see* Suresh, P.R. 95025
Venugopal, P. *see* Vaidyanathan, M. 80221
Venuto, D.De *see* De Venuto, D.
Venz, H., Weidmann, U. Secondary chemistry after replacing the steam generators–first experiences 102384
Venzon, J.E. *see* Barber, H.B. 101212
Venzon, J.E. *see* Marks, D.G. 80353
Venzon, J.E. *see* Marks, D.G. 101240
Venzor, G.M. *see* De Lyon, T.J. 72830
Venzor, G.M. *see* Wu, O.K. 100113
Veprek, S. *see* Kunstmann, T. 104041
Veprek, S. *see* Prokop, J. 92890
ver Vleuten, W.van *see* van ver Vleuten, W.
Vera, E., Kinsner, W. Autonomous power management system for a small satellite 80573
Vera, G. *see* Moreno, L. 101351
Vera, P., De Dreuille, O., Bendriem, B., Gardin, I., Stievenart, J.L., Pare, C., Bourguignon, M., Bok, B., Syrota, A. Contrast recovery of hyperfixation in SPECT: interest of fan beam collimators 101130
Vera Isasa, M. *see* Sierra, M. 117065
Verardi, P., Dinescu, M. Characteristics of ZnO thin film transducers deposited by pulsed laser deposition 106365
Verardi, P., Dinescu, M., Andrei, A. Characterization of ZnO thin films deposited by laser ablation in reactive atmosphere 92922
Verardi, P. *see* Anisimkin, V.I. 110261
Verbeck, C. *see* Derewonko, H. 73813
Verbeck, C. *see* Derewonko, H. 104875
Verbeck, M., Zimmermann, C., Fiedler, H.L. A MOS switched-capacitor ladder filter in SIMOX technology for high temperature applications up to 300°C 73544
Verbeeck, R. *see* Wang, Q.F. 63459
Verbeek, B.H. *see* Staring, A.A.M. 96384
Verbeek, B.H. *see* Steenbergen, C.A.M. 88573
Verbeek, B.H. *see* van Roijen, R. 96355
Verbeek, B.H. *see* Vreeburg, C.G.M. 103953
Verbeek, P.W. *see* Schoyer, M.K.N. 98308
Verbeke, J. *see* Coppoolse, R. 93142
Verbeni, R., Sette, F., Krisch, M.H., Bergmann, U., Gorges, B., Halcoussis, C., Martel, K., Masciovecchio, C., Ribois, J.F., Ruocco, G., Sinn, H. X-ray monochromator with $2{\cdot}10^{-8}$ energy resolution 110628
Verber, C.M. *see* Juodawlkis, P.W. 78698
Verbeyst, F., Vanden Bossche, M. VIOMAP, 16QAM and spectral regrowth: enhanced prediction and predistortion based on two-tone black-box model extraction 78377
Verbiest, T. *see* Burland, D.M. 85643
Verbiest, T. *see* Kauranen, M. 85581
Verbiest, T. *see* Kauranen, M. 96739
Verbiest, T. *see* Miller, R.D. 85642
Verbiest, W. *see* Bury, R. 109195
Verbiest, W. *see* Van der Plas, G. 78251
Verbitskaya, E. *see* Eremin, V. 69809
Verbitskaya, E. *see* Li, Z. 100897
Verbitskaya, E. *see* Li, Z. 110547
Verboncoeur, J. *see* Gopinath, V.P. 62602
Verboncoeur, J.P. *see* Cartwright, K.L. 105032
Verboncoeur, J.P. *see* Gladd, N.T. 62572
Verboncoeur, J.P. *see* Gopinath, V.P. 83762
Verboven, F. *see* Van Ackere, M. 118622
Verbovetskii, Kh.E. *see* Tumanovskii, A.G. 121340
Verbrugge, M.W., Baker, D.R. The combined influence of interfacial reaction resistance and fluid flow on microelectrode sensors 95221
Verbrugge, M.W. *see* Baker, D.R. 100165
Verbruggen, A. An introduction to CHP issues 91307
Verbrugghe, R. *see* Seawright, A. 113671
Vercauteren, S., Lin, B., De Man, H. Constructing application-specific heterogeneous embedded architectures from custom HW/SW applications 83078
Vercauteren, S., Lin, B., De Man, H. A strategy for real-time kernel support in application-specific HW/SW embedded architectures 83083
Vercelli, G. *see* Giuffrida, F. 108865
Vercelli, G. *see* Giuffrida, F. 119885
Vercelli, G. *see* Piaggio, M. 119876
Vercellin, E. *see* Lundin, M. 69805
Vercellone, V. *see* Bonsignorio, M. 98967
Vercesi, V. *see* Autiero, D. 80006
Verciani, A. *see* Abbate, G. 75540
Verciani, A. *see* Forastiere, M.A. 95804
Verciani, A. *see* Righini, G.C. 115980
Verde, C., Garcia, M., Carrera M, R. Fault location in a converter-AC motor system 71793
Verde, P. *see* Caramia, P. 103173
Verde, P. *see* Caramia, P. 120992
Verdegay, J.L. *see* Herrera, F. 60804
Verdegay, J.L. *see* Herrera, F. 103353
Verdelho, P. *see* Marques, G.D. 121493
Verdeyen, J.T. *see* Li, X. 106997
Verdeyen, J.T. *see* Smith, G.M. 76004
Verdeyme, S. *see* Baillargeat, D. 62188
Verdeyme, S. *see* Baillargeat, D. 93721
Verdeyme, S. *see* Chaimbault, D. 62189
Verdeyme, S. *see* Chaimbault, D. 114242
Verdeyme, S. *see* Gendraud, S. 114205
Verdeyme, S. *see* Madrangeas, S. 93061
Verdeyme, S. *see* Moraud, S. 83322
Verdiaer, A. *see* Brunner, O. 79953
Verdiell, J.-M., Lang, R.J., Dzurko, K., O'Brien, S., Osinsky, J., Welch, D.F., Scifres, D.R. Monolithically integrated high-speed, high-power, diffraction limited semiconductor sources for space telecommunications 109610
Verdiell, J.-M., Welch, D.F., Plano, B., Duncan, K. High-performance 1.3 μm lasers for analog and digital applications 68412
Verdiell, J.-M., Ziari, M., Welch, D.F. Low-loss coupling of 980 nm GaAs laser to cleaved singlemode fibre 107302
Verdiell, J.M., Plano, B., Welch, D.F. High-power, single-mode fiber-coupled 1.3-μm strained quantum well lasers 85477
Verdier, A. *see* Alexahia, Y. 79968
Verdier, A. *see* Brandt, D. 89824
Verdier, F. *see* Modjtahedi, A. 113754
Verdier, J., Llopis, O., Plana, R., Graffeuil, J. Analysis of noise up-conversion in microwave field-effect transistor oscillators 93815
Verdier, J. *see* Llopis, O. 62277
Verdier, J. *see* Llopis, O. 93823
Verdier, J. *see* Llopis, O. 114258
Verdier, J. *see* Plana, R. 83408
Verdier, M. Packet mode on the Euro-ISDN 78122
Verdini, P.-G. *see* Mours, B. 100821
Verdini, P.-G. *see* Mours, B. 120196
Verdini, P.G. *see* Wheadon, R. 100965
Verdon, C. *see* Eimeri, D. 85420
Verdonck, B., Bloch, I., Maitre, H., Vandermeulen, D., Marchal, G., Nuyts, J. Axial resolution, noise and artefacts in the spiral CT reconstruction process 80314
Verdonck, P. *see* Mansano, R.D. 105703
Verdu, G. *see* Martorell, S. 71043
Verdu, G. *see* Sanchis, R. 111750
Verdu, S. The exponential distribution in information theory 117124
Verdu, S. *see* Huang, H.C. 68125
Verduyn, J. *see* De Boer, M.P. 63784
Verduyn Lunel, S.M. *see* Estep, D.J. 72655
Verduzco, R.H. *see* Muniz, J.L. 120568
Vereda, F. *see* Huang, X. 95712
Veremeenko, K.K., Tikhonov, V.A. Integrated navigation and landing system based on a satellite radionavigation system 109831
Veremey, V. Passive reflectors for superdirective antennas 66036
Veremey, V., Tuchkin, Yu., Dudka, V. An analysis of near field structure of reflector antennas and resonant scatterers 65996
Veremey, V. *see* Fursov, A. 93743
Veres, T. *see* Cai, M. 75202
Veres, Z., Matay, G. Computer aided examination of the reflection in CATV networks 79172
Vereschagin, N.M. *see* Arefyev, A.S. 107093
Vereshchagin, I.K., Kokin, S.M., Selesnev, V.A. Electrodiffusion processes and electroluminescent device degradation 95973
Vereskun, V.N. *see* Kuznetsova, R.T. 116394
Vereskun, V.N. *see* Kuznetsova, R.T. 116395
Veret-Lemarinier, A.V. *see* Boilot, J.P. 75397
Veretenkin, E.P. *see* Elliott, S.R. 80104
Veretennicoff, I. *see* Kirk, A.G. 85282
Veretennicoff, I. *see* Panajotov, K. 85240
Veretennicoff, I. *see* Sainov, V. 96795
Veretennicoff, I. *see* Thienpont, H. 85190
Verevkin, A.A., Ptitsina, N.G., Chulcova, G.M., Gol'tsman, G.N., Gershenzon, E.M., Yngvesson, K.S. Direct measurements of energy relaxation time of electrons in AlGaAs/GaAs heterostructures under quasi-equilibrium conditions 105288
Vergara, G., Herrera-Gomez, A., Spicer, W.E. Electron transverse energy distribution in GaAs negative electron affinity cathodes: calculations compared to experiments 94179
Vergara, G. *see* Herrera-Gomez, A. 62569
Vergara, M., Alonso, J.I. A PC package for the teaching of propagation effects in multiconductor transmission lines 112773
Verges, P. *see* Hayman, A.J. 120928
Vergez, A. *see* Clark, M. 68902
Verghese, G.C. *see* Karl, W. 67078
Verghese, G.C. *see* Marrero, J.L.R. 121693
Verghese, G.C. *see* Schultz, A.M. 122046
Verghese, G.C. *see* Thottuvelil, V.J. 121767
Verghese, N.K., Allstot, D.J., Wolfe, M.A. Verification techniques for substrate coupling and their application to mixed-signal IC design 63851
Verghese, S., Zamdmer, A.N., Qing Hu, Brown, E.R., Forster, A. An optical correlator using a low-temperature-grown GaAs photoconductor 95944
Vergis, A., Tobon, C. Testing trees for multiple faults 104497
Vergnat, M. *see* Cantin, J.L. 94305
Vergnat, M. *see* Hadj Zoubir, N. 92859
Vergnat, M. *see* Rinnert, H. 104115
Verguld, M., Van Veen, N. Assembly processes for miniaturised consumer electronics 94070
Verhaege, K., Robinson-Hahn, D., Russ, C., Farris, M., Scanlon, J., Lin, D., Veltri, J., Groeseneken, G. Justifications for reducing HBM and MM ESD qualification test time 116815
Verhaege, K. *see* Luchies, J.R.M. 85798
Verhaege, K. *see* Russ, C. 115221
Verhaege, T., Cottevieille, C., Estop, P., Quemener, M., Tavergnier, J.P., Bekhaled, M., Bencharab, C., Bonnet, P., Laumond, Y., Pham, V.D., Poumarede, C., Therond, P.G. Experiments with a high voltage (40 kV) superconducting fault current limiter 81171
Verhaege, T. *see* Le Naour, S. 102180
Verhaegen, F. *see* Palmans, H. 80510
Verhaegen, M., Brebner, J.L., Allard, L.B., Albert, J. Ion implantation-induced strong photosensitivity in high-purity fused silica: correlation of index changes with VUV color centers 76117
Verhagen, B. *see* Van Der Does, T. 91310
Verhagen, H. *see* Balhan, B. 79967
Verhas, T. *see* Tarnay, K. 63681
Verhaverbeke, S. *see* Messoussi, R. 63340
Verhelst, E. *see* Vanden Brooeck, W. 108934
Verheul, H. *see* de Bruijn, H. 92128
Verhille, H. *see* Costa, M. 90231
Verhille, H. *see* Costa, M. 100982
Verho, P., Jarventausta, P., Karenlampi, M., Partanen, J. Intelligent configuration management of distribution network 70898
Verho, P., Jarventausta, P., Karenlampi, M., Partanen, J. Reducing the operation costs of a distribution network via reconfiguration 102097
Verho, P. *see* Jarventausta, P. 102096
Verho, P. *see* Karenlampi, M. 102118
Verho, P. *see* Paulasaari, H. 102103
Verhoef, L.A. *see* Leguijt, C. 102983
Verhoest, P. *see* Burgelman, J.-C. 77820
Verhoeve, P., Timperman, J., Van Ruymbeke, D., Baets, R., Degrieck, J. A novel method to discriminate compressive versus tensile strain in fibre Fabry-Perot strain sensors 69230
Verhoeve, P. *see* Peacock, A. 99994
Verhoeve, P. *see* Poelaert, A. 69909
Verhoeven, A.G.A. *see* Urbanus, W.H. 96085
Verhoeven, C.J.M. *see* Goossens, M.J. 62117
Verhoeven, C.J.M. *see* van Staveren, A. 61623
Verhoeven, H.-J., Huijsing, J.H. Design of integrated thermal flow sensors using thermal sigma-delta modulation 88983
Verhoeven, M.A.J., Gerritsma, G.J., Rogalla, H., Golubov, A.A. Ramp-type junction parameter control by Ga doping of $PrBa_2Cu_3O_{7-\delta}$ barriers 95433
Verhoeven, M.A.J. *see* Gerritsma, G.J. 95502
Verhoeven, P. *see* Sainov, V. 96795
Verhoeven, W. *see* Peitzmann, T. 100814
Verhoeyen, M. *see* Dieudonne, M. 78253
Verhulst, A.G.H., Cnosses, G., Funfschilling, J., Schadt, M. A wide viewing angle video display based on deformed helix ferroelectric LC and a diode active matrix 89259
Verhulst, E. The Virtuoso approach: matching DSP real-time needs with the right tool 93438
Verhulst, Y.M.G. *see* Montree, A.H. 63916
Verissimo, P. *see* Rodrigues, L.E.T. 87421
Verite, J.-C. *see* Maslouh, M. 95453
Verkama, M. Random relaxation of fixed-point iteration 92575
Verkest, D. *see* Van Rompaey, K. 118775
Verkhovskaya, K. *see* Palto, S. 84689
Verklov, M.M. *see* Savchenko, A.G. 115854
Verkooyen, J. *see* Kroes, F. 100476
Verlan, V.I. *see* Malkov, S.A. 100129
Verlind, E., de Jong, G., Lin, B. Efficient partial enumeration for timing analysis of asynchronous systems 83058
Verly, J.G., Dudgeon, D.E., Lacoss, R.T. Model-based automatic target recognition system for the UGV/RSTA ladar 77142
Verma, A. Automated process control [BGA assembly] 62465

Verma, A., Verma, P., Sidhu, R.K. Matrix effect in soft metal-bonded samarium-cobalt (SmCo$_5$) permanent magnets 84841
Verma, A. *see* Lee, P.W. 72904
Verma, A. *see* Mizuno, S. 63455
Verma, A. *see* Mizuno, S. 63458
Verma, A.J., Kapoor, A., Tripathi, K.N. Thermal imaging of ZnO thin film grown by RF sputtering on metal/ZnO/SiO$_2$/Si configuration 106471
Verma, A.K., Bhupal, A., Kumar, R. Unified dispersion model for a composite substrate shielded parallel coupled microstrip line using SLR technique 93675
Verma, A.K., Jha, K.K. A new propagation model to explain trans-horizon communication 97095
Verma, A.K., Jha, K.K. Influence of rain drop size distribution on specific attenuation for mm waves 107885
Verma, A.K., Kumar, R. Closed form dispersion expressions for a shielded microstrip line for millimetre wave applications 83301
Verma, A.K., Kumar, R. Modeling for dispersion of shielded microstrip line using SLR technique 85945
Verma, A.K., Kumar, R., Bhupal, A. An empirical formula for the frequency-dependent effective permittivity of a shielded microstrip line 73621
Verma, D. Very large scale integrated circuit architecture performance evaluation using SES modelling tools 63897
Verma, G., Talwar, S., Sigmon, T.W. Formation and control of phosphorus buried layers in silicon using a pulsed XeCl excimer laser 84089
Verma, H.K., Arya, L.D., Tiwari, B., Korane, R.S. Computer simulation for contingency selection for power system network 111544
Verma, H.K., Maheshwari, R.P. Adaptive digital differential protection of transformer improvement over the fixed bias scheme 121541
Verma, H.K. *see* Arya, L.D. 120955
Verma, H.K. *see* Arya, L.D. 120976
Verma, H.K. *see* Mehta, S.S. 120424
Verma, K. *see* Devendra, S. 118600
Verma, N.K., Ce Ma, Shero, E., Shadman, F. Sources and transport mechanisms of gaseous impurities in vertical thermal reactors 94651
Verma, P., Jain, K.P., Abbi, S.C. Raman scattering probe of ion-implanted and pulse laser annealed GaAs 62721
Verma, P. *see* Verma, A. 84841
Verma, P.R., Kumar, N.R., Bandyopadhyay, A., Roy, J.N. Optimization of high voltage MOS transistor structures compatible to low voltage CMOS process 106213
Verma, S.C., Fujita, H., Nakamura, K., Sone, M. Block data structure-based efficient variant of sparse technique for power flow computation employing digital signal processor 93416
Verma, S.K. *see* Shah, M.K. 121795
Verma, S.P. Design and performance of highly stable reluctance motors for variable speed drives 81952
Verma, S.P. Noise and vibrations of electrical machines and drives; their production and means of reduction 111901
Verma, V.K., Tandon, P. PWM inverter control based on 8-bit microprocessor 121685
Verma, V.K. *see* Srivastava, S.P. 102663
Verma, V.P., Narayanan, V.S.S., Manivannan, R. Development of annunciator system using state-of-the-art erasable programmable logic device 112832
Verma, V.P., Sankara Narayanan, V.S., Manivannan, R. Spurious alarm problem in alarm annunciator system and ways of overcoming the same 72193
Vermaerke, F. *see* Vanwassenhove, L. 96046
Vermeer, L.J., Braire, J.J., van Doorne, C. How strong is a tip vortex? [wind turbine blade] 102543
Vermeer, M. *see* Poutanen, M. 99411
Vermeeren, L. *see* Van Duppen, P. 69686
Vermeir, I.E., Gomes, W.P. The etching of InP by acidic iodine solutions–a kinetic and electrochemical study 63278
Vermeire, B. *see* Depas, M. 84046
Vermeire, G. *see* Berger, V. 82596
Vermeiren, P., Adriansens, W., Leysen, R. Zirfon: a new separator for Ni-H$_2$ batteries and alkaline fuel cells 91715
Vermeiren, Ph., Moreels, J.P., Leysen, R. The composite Zirfon(R) separator for alkaline electrochemical cells 112241
Vermeiren, W., Straube, B., Holubek, A. Defect-oriented experiments in fault modelling and fault simulation of microsystem components 72245
Vermelho, M.V.D. *see* de Araujo, M.T. 65096
Vermelho, V.D. *see* de Araujo, M.T. 116717
Vermeulen, O.T.J.A. *see* Asjes, R.J. 73885
Vermul, V.M. *see* Elliott, S.R. 80104
Vernalde, S. *see* Berrebi, E. 87000
Vernazza, T. *see* Volta, E. 99869
Vernia, B. *see* Seccia, L. 86307
Vernia, B. *see* Seccia, L. 117749
Vernick, H.R. Corrective action program reengineering project 81224
Vernidub, R.M., Kuts, V.I., Litovchenko, P.G., Olikh, Ya.M., Tartachnik, V.P., Tychyna, I.I. Influence of ultrasonic defects on luminescence from gallium phosphide 116216
Vernieri, J. *see* Riubrugent, J. 112040
Vernin, P. *see* Gallet, B. 90054
Vernois, J. *see* Desgardin, P. 94708
Vernois, J. *see* Ntsoenzok, E. 74097
Vernois, J. *see* Ntsoenzok, E. 105832
Vernold, C.L., Milster, T.D. Alignment of an optical axis to a rotating mechanical axis using grating phase modulation 116759
Vernon, D. Segmentation in dynamic image sequences by isolation of coherent wave profiles 67245
Vernon, D. Phase-based measurement of object velocity in image sequences using the Hough transform 117760
Vernon, J.F. *see* Simonetti, A. 101494
Vernon, M.A. *see* Van Andrews, G. 93165
Vernon, R.J. *see* Denison, D.R. 105034
Vernon, R.J. *see* Harper, B.M. 62595
Vernon, R.J. *see* Sealy, P.J. 62596
Vernon, S. *see* Spallas, J.P. 119658
Vernon, S.P. *see* Fernandez, A. 115521
Vernyi, A.E. *see* Anevsky, S.I. 88895
Vero, J. *see* Satori, G. 85864
Veroli, C. *see* Ascarelli, P. 72919
Verolino, L. *see* Corti, L. 65914
Verolino, L. *see* Corti, L. 76513
Verolino, L. *see* Miano, G. 65788
Verolino, L. *see* Miano, G. 66075
Verolino, L. *see* Miano, G. 76334
Verolino, L. *see* Miano, G. 104789
Verolino, L. *see* Miano, G. 108030
Verolleman, Y. *see* Guisnet, B. 107917
Veron, M.B., Amoult, A., Daudin, B., Tatarenko, S. Reversibility of the elementary mechanisms of atomic-layer epitaxy and sublimation of (001) CdTe 104035
Veron, P. A fast identification scheme 66432
Verona, E. *see* Anisimkin, V.I. 110261
Verona, E. *see* Carlotti, G. 106329
Verona, F.B., Balestrino, A. A weld defect inspection system 97956
Verona, F.Bini *see* Bini Verona, F.
Veroni, F. *see* Casa, G. 102070
Veroutis, A.D., Fava, J.A. Framework for the development of metrics for design for environment (DfE) assessment of products 72226
Verrazzani, L. *see* Gini, F. 99635
Verrazzani, L. *see* Lombardini, F. 109722
Verrecchia, P. *see* Peigneux, J.P. 120164
Verreschi, G. *see* Bove, M. 90495
Verreschi, G. *see* Cambiaso, A. 119754
Verreschi, G. *see* Grattarola, M. 90609
Verri, A., Uras, C. Metric-topological approach to shape representation and recognition 77202
Verri, L. *see* Gallassi, G. 117968
Verrycken, W. *see* Belpaire, A. 118631
Verscheure, O. *see* van den Branden Lambrecht, C.J. 86591
Verschueren, A. *see* Vandersteen, G. 119852
Verschueren, G.L.J. *see* Vugts, M.J.M. 114926
Verschuur, J.W.J., Warren, R.W. Tuning and characterization of Twente wiggler 107377
Verschuur, J.W.J. *see* Ernst, G.J. 96457
Vershoubskiy, A. *see* Parygin, V. 85152
Vershovskii, A.K. *see* Alexandrov, E.B. 64833
Versino, M. *see* Romani, A. 90519
Verspecht, J., Bebie, P., Martens, L., Barel, A. Accurate on wafer measurement of the large-signal behavior of a nonlinear microwave device 79682
Verspecht, J., Schreurs, D., Barel, A., Nauwelaers, B. Black box modelling of hard nonlinear behavior in the frequency domain 93098
Verspecht, J. *see* Schreurs, D. 104834
Verster, F.C. *see* de Munck, J.C. 120294
Verster, P. Developments in rural protection systems fuse policy, protection settings and coordination 102092
Verstraelen, M. *see* De Loore, B. 77534
Verstraete, M.M., Pinty, B. Designing optimal spectral indexes for remote sensing applications 111341
Verstraeten, G. *see* Huynen, I. 64486
Vertan, C. *see* Buzuloiu, V. 87200
Vertegaal, R., Eaglestone, B. Comparison of input devices in an ISEE direct timbre manipulation task 68941
Vertesy, G., Daroczi, C.S., Szollosy, J., Pavo, J., Miya, K. Application of a new high sensitivity magnetic field sensor for nondestructive testing 113585
Vertesy, G. *see* Pardavi-Horvath, M. 115592
Vertii, A.A. *see* Bodnaruk, O.A. 94445
Vertiy, A.A., Gavrilov, S.P., Helhel, S., Colak, B., Samedov, R. Quasioptical multilayered interferometer for gasoline testing 79659
Vertiy, A.A., Ivanchenko, I.V., Popenko, N.A. Synchronization regimes in new type Smith-Purcell generator 62209
Vertiy, A.A., Ivanchenko, I.V., Popenko, N.A., Gudym, I.Ya. Electromagnetic wave diffraction by axisymmetric diaphragms in the millimeter wavelength range 107902
Vertiy, A.A. *see* Derkach, V.M. 65973
Vertiy, A.A. *see* Derkach, V.N. 66087
Vertiy, A.A. *see* Derkach, V.N. 73642
Vertiy, A.A. *see* Derkatch, V.N. 76909
Vertommen, J. *see* Kopalidis, P.M. 63385
Vertoprakhov, V.V. Influence of the shape of an object and the orientation of its surface on the accuracy of laser triangulation measurements 65595
Vertoprakhov, V.V. *see* Bityutskii, O.I. 60685
Vervier, J. *see* Catford, W.N. 69884
Vervoort, C.P.A. *see* Egelmeers, G.P.M. 93402
Vervoort, L. *see* Bassani, F. 62892
Vervoort, P.P., Wassenaar, R.F. A CMOS V-I converter with a constant transconductance for common and differential input voltages 114163
Verweij, A. *see* Scholten, W. 111736
Verweij, C.A. *see* Anderson, S. 68157
Verweij, C.A. *see* Jorna, R.A.M. 99424
Verweij, H. *see* Brenier, A. 75868
Verweij, J.F. *see* Bijlsma, S.J. 89353
Verweij, J.F. *see* Bijlsma, S.J. 105518
Verweij, J.F. *see* Klootwijk, J.H. 106301
Verweij, J.F. *see* Lunenborg, M.M. 84453
Verweij, J.F. *see* Lunenborg, M.M. 115353
Verweij, J.F. *see* Rem, J.B. 84424
Verweijl, J.F., Klootwijk, J.H. Dielectric breakdown I: a review of oxide breakdown 106300
Verweyen, L. *see* Schlechtweg, M. 114321
Veryovkin, Y.K., Daume, E.Y., Petryakov, V.N., Tertyshnik, A.D. The use of SMBS in xenon for compensating the distortions of the radiation space structure in XeCl gas-discharge plasma 116336
Verzellesi, G. *see* Betta, G.F.D. 63800
Verzellesi, G. *see* Dalla Betta, G.F. 120204
Verzellesi, G. *see* Paccagnella, A. 63755
Verzellesi, G. *see* Paccagnella, A. 74738
Verzellesi, G. *see* Paccagnella, A. 106014
Verzwyvelt, S.A. *see* Kavandi, J.L. 112205
Vescan, A., Ebert, W., Borst, T.H., Kohn, E. Electrical characterisation of diamond resistors etched by RIE 84152
Vescan, A. *see* Gluche, P. 63576
Vescan, A. *see* Hancheng Liang 89512
Vescan, A. *see* Wolter, S.D. 72891
Vescan, L. *see* Rahmati, B. 72898
Vescovi, M. *see* Whitham, K. 89719
Vescovo, R., Carli, E. Null control pattern for circular antenna arrays 97385
Vesecky, J.F., Ludwig, F.L., Daida, J.M., Chinchilla, N., Kimbreau, G. Seagulls and SAR: atmospheric convection effects in SAR images over the ocean 111234
Veselinovic, D., Krajacevic, Z., Manojlovic, Z. A solution of digital terminal equipment in digital telephone exchange 99010
Veselka, J.J., Korotky, S.K., Mamyshev, P.V., Gnauck, A.H., Raybon, G., Froberg, N.M. A soliton transmitter using a CW laser and an NRZ driven Mach-Zehnder modulator 78945
Veselka, J.J. *see* Eskilden, L. 109617
Veselka, J.J. *see* Evangelides, S.G., Jr. 109667
Veselka, J.J. *see* Hansen, P.B. 68498
Veselka, J.J. *see* Hansen, P.B. 88615
Veselov, A. *see* Sienkiewicz, A. 73673
Veselov, G.V. *see* Fominykh, V.I. 69875
Veselov, L.M. *see* Popov, I.A. 79721
Veselov, O. *see* Andriischin, A. 100413
Veselovskii, I.A. *see* Bukreev, V.S. 70489
Veselovsky, V.B. *see* Konovalov, N.A. 117722
Vesely, A., Gehringer, P., Schaudy, R., Scheiber, R., Wendrinsky, J. Process technology for environment and industries 82184
Vesely, M. *see* Nemeth, S. 103919
Vesely, V., Sekaj, I. Robust load-frequency controller design 111506
Vesely, V., Simunek, S., Frankovic, B., Papadopoulos, D.P. Decentralized control of power system with disturbance attenuation 90965
Vesenjak, A. *see* Korosec, K. 104710
Veshcherevich, V., Krutikhin, S., Kuptsov, I., Nosyrev, S., Novikov, A., Sedlyarov, I. RF measurements and control of higher order modes in accelerating cavities 100509
Veshcherevich, V. *see* Belomestnykh, S. 89897
Veshcherevich, V. *see* Gorniker, E. 100510
Veshcherevich, V.G. *see* Vinokurov, N.A. 96552
Vesin, J.-M. *see* Karrakchou, M. 120261
Vesin, J.-M. *see* Makarov, A. 66889
Veskovic, M. *see* Krmar, M. 80445
Vesovic, B. *see* Rakic, M. 102000
Vest, R.E. *see* Gullikson, E.M. 79425
Vestweber, H., Bassler, H., Gruner, J., Friend, R.H. Spatial extent of the recombination zone in a PPV/polymer blend light-emitting diode 85315
Vestweber, H. *see* Pommerehne, J. 75749
Vestweber, H. *see* Tak, Y.H. 96040
Veszpremi, K. *see* Halasz, S. 71785
Vesztergombi, G. *see* Arefiev, A. 69787
Vetediktov, V.Y. *see* Ageichik, A.A. 116340
Vetelino, J.F. *see* Andle, J.C. 110230
Vetelino, J.F. *see* Caron, J.J. 110256
Vetelino, J.F. *see* Josse, F. 84743
Vetelino, K., Story, P.R., Galipeau, D.W. A comparison of SAW and optical dew point measurement techniques 110465
Vetelino, K.A., Story, P.R., DeClercq, B., Galipeau, D.W. A novel microsensor technique for electronic material surface characterization and studying the effects of plasma treatments 89029
Veteran, J. *see* Marcouille, O. 96567
Veto, A.V. *see* Kostukov, E.V. 95033
Vetokhin, S.S., Zalesskii, V.B., Komar, M.V., Shamet'ko, A.A. Noise in photosensitive metal-resistive layer-semiconductor structures 89110
Vetrov, A. Simple wide-aperture waveguide coupler for IO acoustooptic processors 85165
Vetrov, V.D. *see* Buryi, E.V. 116607
Vets, L. Capacitive bushing voltage dividers 102034

Vetskous, A. *see* Shavirin, I. 110205
Vetter, A.M. *see* Adamski, J.L. 76062
Vetter, A.M. *see* Adamski, J.L. 96528
Vetter, A.M. *see* Dowell, D.H. 89713
Vetter, A.M. *see* Dowell, D.H. 96492
Vetter, A.M. *see* Hayward, T.D. 79878
Vetter, H. Dry MKK capacitors for modern rail traction 112171
Vetter, H. *see* Braig, E. 121253
Vetter, K. *see* Kroell, T. 69764
Vetter, P. *see* De Pestel, G. 119219
Vetter, P. *see* Vanfleteren, J. 114472
Vetter, P.J. *see* Picard, A. 112910
Vetter, R.J., Jonalagada, C. A multimedia system for asynchronous collaboration using the Multicast Backbone and the World Wide Web 87935
Vetter, T., Poggio, T. Image synthesis from a single example image 67273
Vetterli, M. *see* McCanne, S. 118123
Vetterli, M. *see* Ramchandran, K. 77406
Vettese, F., Donichak, C., Bourgeault, P., Sarrabayrouse, G. Assessment of a new p-MOSFET usable as a doserate insensitive gamma dose sensor 80532
Vettese, F., Donichak, C., Bourgeault, P., Sarrabayrouse, G. Assessment of a new p-MOSFET usable as a doserate insensitive gamma dose sensor 110604
Vetuli, A., Pascoli, S.D., Reyneri, L.M. Positive feedback in adiabatic logic 113836
Veugen, R. *see* Ott, R.J. 70076
Veugen, T. Multiple repetition feedback coding for discrete memoryless channels 66468
Veuhoff, E., Baumeister, H., Treichler, R., Popp, M., Heinecke, H. Zn doping of InP/GaInAsP device structures in metalorganic molecular beam epitaxy using diethylzinc 105564
Veuster, C.De *see* De Veuster, C.
Vexler, M.I. *see* Grekhov, I.V. 63618
Veyre, A. *see* Bonny, J.-M. 120342
Veyre, A. *see* Colin, A. 120278
Vezie, D.L. *see* Bunning, T.J. 96802
Vezien, J.-M. *see* Koivunen, V. 67429
Vezin, B., Douard, M., Rambaldi, P., Wolf, J.P. Tunable no-tracking OPO-OPA tandem in the near-infrared pumped by a ti:sapphire laser 116658
Veziroglu, T.N. *see* Sopian, K. 71920
Vezzetti, D. *see* Carlson, D.E. 112360
Vhasure, S., Prakasha, Krishnan, T. Fast response digital speed and current regulators for thyristor fed reversible regenerative DC motor drives 112474
Vi Cuong Chan, Lewis, D.M. Area-speed tradeoffs for hierarchical field-programmable gate arrays 61789
Via, C.Da *see* Da Via, C.
Via, D. *see* Anholt, R. 74698
Via, D. *see* Dettmer, R. 93804
Via, D. *see* Jenkins, T. 74704
Viacava, P. *see* Rossi, B. 90504
Vial, J.-P. *see* Jansen, B. 103682
Vial, J.C. *see* Bassani, F. 62892
Vial, J.C. *see* Hory, M.A. 94271
Vial, J.C. *see* Le Neve, M. 76211
Vial, R. *see* Hernandez, R. 112953
Viala, B., Minor, M.K., Barnard, J.A. Lattice dilation and local magnetic anisotropy in nitrogenated iron-based soft magnetic films 115485
Viala, B. *see* Minor, M.K. 64258
Vialaret, G. *see* Mamor, M. 115137
Vialle, J.-P. *see* Zalessky, V.B. 100890
Vialle, J.P. *see* Zalessky, V.B. 80056
Viallet, J.E. *see* Herve, D. 64885
Viana, B. *see* Simondi-Teisseire, B. 116453
Vianco, P. *see* Finley, D.W. 92249
Vianco, P.T., May, C. An evaluation of prototype surface mount circuit boards assembled with three non-lead bearing solders 94061
Vianco, P.T. *see* Artaki, I. 94062
Viands, C.A. *see* Yamaguchi, S. 74308
Vianello, M. *see* De Marchi, S. 72619
Viani, E. *see* Crippa, C. 109505
Vianna, S.S. *see* Tabosa, J.W.R. 96742
Vianou, A. *see* Awanto, C. 71925
Viard, A. *see* De Mathan, N. 82821
Viard-Gaudin, C. *see* Deforges, O. 86603
Viari, A. *see* Sagot, M.-F. 98249
Viaris de Lesegno, P. *see* Ben Amar, N. 98295
Viarouge, P. *see* Fagundes, J.C.S. 102886
Viatella, J. *see* Singh, R.K. 114952
Viaud, J.P., Sommet, R., Teyssier, J.P., Floriot, D., Quere, R. Nonlinear RF characterization and modeling of heterojunction bipolar transistors under pulsed conditions 73726
Vibe-Rheymer, K. *see* Karrakchou, M. 120261
Viberg, M. *see* Gustafsson, T. 117481
Viberg, M. *see* Krim, H. 86285
Viberg, M. *see* Stoica, P. 66698
Viberg, M. *see* Talwar, S. 68158
Vicanek, M. *see* Avilov, V.V. 65596
Vicari, L.R.M., Terrecuso, P., Terrecuso, P. Voltage-controlled nonlinear optical effects in a twisted nematic liquid crystal cell bounded by dichroic polarizers 106879
Vicari, R. *see* Sounik, J. 105773
Vicente, C.Perez *see* Perez Vicente, C.
Vicente, J. *see* Alejos, O. 63558
Vicente, L., Savard, G., Judice, J. Discrete linear bilevel programming problem 72513
Vicente, L.M., Barreto, A.B., Taberner, A. Adaptive pre-processing of photoplethysmographic blood volume pulse measurements 70019
Vicente, L.M., Barreto, A.B., Taberner, A.M. DSP removal of respiratory trend in photoplethysmographic blood volume pulse measurements 101077
Vicente, L.M. *see* Barreto, A.B. 70123
Vicente, L.M. *see* Barreto, A.B. 101400
Vichare, N.S. *see* Mili, L. 70644
Vichrov, N.M., Barta, G., Gaskarov, V.D., Schichi, M.B.M. The parallel prediction mathematical model of device reliability 92348
Vick, T. *see* Teodorescu, R. 95546
Vicker, M. *see* Duran, P. 71402
Vicker, M. *see* Duran, P. 82919
Vicker, M.G. *see* Tavrov, A. 110797
Vickers, A. *see* Brucknor, V. 116240
Vickers, A.J., Alleston, S., Gupta, R., Muller, P.O., Erasme, D. A proposed semiconductor laser pump-probe source 107257
Vickers, A.J. *see* Dunn, G.M. 69184
Vickers, D.G. *see* Holland, W.S. 79101
Vickers, R., Shiming Hu Voice on ATM–issues and potential solutions 118020
Vickers, R. *see* Buseck, D. 99646
Vickers, R. *see* Earp, S.L. 109766
Vickers, R. *see* Earp, S.L. 111424
Vickers, S.I., Al Zahawi, B.A.T., Shuttleworth, R. Matrix converter application for direct-drive gas turbine generator sets 121376
Vickers, S.L. *see* Hagan, W.P. 112211
Vickers, V.E. Plateau equalization algorithm for real-time display of high-quality infrared imagery 119719
Vicquelin, R. *see* Konate, A. 65126
Vicrey, J. *see* Le Neve, M. 76211
Vicsek, T. *see* Czirok, A. 86017
Victor, A. Flexible sensor system for large alternating currents 79376
Victoria, F.L.de *see* de Victoria, F.L.
Victoria, M. *see* Barak, J. 73388
Victoria, M. *see* Barak, J. 74669
Victoria, M. *see* Barak, J. 104553
Victoria, M. *see* Barak, J. 105849
Victoria, R.H. *see* Huang, W. 75120
Vicuna, L.G.de *see* de Vicuna, L.G.
Vidaj, Y.T. *see* Zagarij, L.B. 100886
Vidaj, Y.T. *see* Zagarij, L.B. 120184
Vidakovic, P. *see* Lovering, D.J. 116629
Vidakovik, P. *see* VanStryland, E.W. 107616
Vidal, A., Rosello, J. Comparison of medium resolution algorithms for spacecraft on-board SAR image generation 120715
Vidal, A. *see* Sano, E.E. 120816
Vidal, J., Rodriguez Fonollosa, J.A. Impulse response recovery of linear systems through weighted cumulant slices 117328
Vidal, J. *see* Fonollosa, J.R. 68126
Vidal, J.J. *see* Mendez, A.J. 90410
Vidal, R. *see* Passeggi, M.C.G., Jr. 74476
Vidal, R.V.V. *see* Pirlot, M. 82436
Vidal-Madjar, D. *see* Loch-Duplex, N.L. 78997
Vidal-Madjar, D. *see* Zribil, M. 120706
Vidavskii, A.E., Kovalev, V.I., Raukhman, V.M. DFWM reflectivity via two-photon free carrier generation in semiconductors in middle IR range 116687
Viday, Y.T., Grinyov, B.V., Zagarij, L.B., Zverev, N.D., Chernikov, V.V., Tarasov, V.A., Kudin, A.M. Research and development of ceramic scintillators applied to alpha-particle detection 100884
Videbaek, F. *see* Debbe, R. 69751
Videlo, I.D.E. *see* Skevington, P.J. 67613
Vidic, M. *see* Furlan, J. 81898
Vidigal, A. *see* Oliveira, J. 101802
Vidigal, A.M. *see* Barruncho, L.M. 102099
Vidigal, C. *see* Souza, M. 96931
Vidimari, F. *see* Brinciotti, A. 63053
Vidimari, F. *see* Di Paola, A. 63052
Vidinsky, B. *see* Hayes, A.V. 69692
Vidmar, B., Rongina, B.M., Radanovic, B. *(editors)* Proceedings. 37th ELMAR International Symposium 60421
Vidmar, M. 13 cm PSK transceiver for 1.2 Mbit/s packet radio. I 118780
Vidnyanszky, Z. *see* Lotz, K. 83278
Vidor, D.L.R. *see* do Prado, R.N. 122079
Vidor, D.L.R. *see* Pinheiro, J.R. 121631
Vidro, S. *see* Balberg, M. 116163
Vidyalal, V., Rajasree, K., Vallabhan, C.P.G. Measurements of electromagnetic shielding effect using HTSC materials 85886
Vidyasagar, J.V.S. *see* Srikanth, P. 120523
Vie, D.S.Le, Jr. *see* Le Vie, D.S., Jr.
Viegas, J.L. *see* Franca, N.E. 73067
Viehbeck, A. *see* Deutsch, A. 62454
Viehland, D. *see* Li, J.-F. 115412
Vieider, C. *see* Kalvesten, E. 88976
Vieira, A. *see* Mullen, L. 79009
Vieira, A.J.C., Herczfeld, P.R., Contarino, V.M., Mizell, G. Bulk Fabry-Perot intensity modulator for LIDAR systems 64808
Vieira, A.J.C., Mullen, L., Herczfeld, P.R., Contarino, V.M. Fabry-Perot intensity modulator for hybrid lidar-radar applications 99659
Vieira, J.B., Jr. *see* Barbosa, L.R. 121568
Vieira, J.B., Jr. *see* de Paiva, E.P. 61608
Vieira, J.B., Jr. *see* Lambert, J.A. 71437
Vieira, J.B., Jr. *see* Oliveira, J.C. 71452
Vieira, J.B., Jr. *see* Oliveira, R.C. 113779
Vieira, J.B., Jr. *see* Pacheco, V.M. 71432
Vieira, J.B., Jr. *see* Pereira, A.A. 71439
Vieira, J.B., Jr. *see* Pereira, A.A. 102825
Vieira, J.B., Jr. *see* Pereira, A.A. 121657
Vieira, J.B., Jr. *see* Pinto, J.A.C. 121600
Vieira, J.B., Jr. *see* Toffano, R., Jr. 121658
Vieira, J.B., Jr. *see* Vilela, M.S. 71430
Vieira, J.B., Jr. *see* Vilela, M.S. 71431
Vieira, J.B., Jr. *see* Vilela, M.S. 113738
Vieira, J.L.Freitas *see* Freitas Vieira, J.L.
Vieira, M., Fantoni, A., Koynov, S., Cruz, J., Macarico, A., Martins, R. Amorphous and microcrystalline silicon p-i-n optical speed sensors based on the flying spot technique 100022
Vieira, M. *see* Macarico, A. 92906
Vieira, M. *see* Martins, R. 94379
Vieira, N.D., Jr. *see* Maldonado, E.P. 95891
Vieira, R. *see* Iida, F. 95520
Vieira, R.F., Sugimoto, M., Osaki, O., Fujioka, T., Korsunsky, V., Reed, R.P., Katheder, H., Broadbent, A. ITER coils insulation R&D program 106723
Vieira, S. *see* Calero, J. 89547
Vieira Junior, J.B. *see* Alves Pereira, A. 121727
Vieira Monteiro, A.Miguel *see* Miguel Vieira Monteiro, A.
Vieiro, A. *see* Area, F. 97371
Vieiro, A. *see* Ares, F. 76663
Vielhaber, M. *see* Niederreiter, H. 117238
Vienne, G.G. *see* Fermann, M.E. 96144
Viens, M., Li, P.C.H., Zuoqing Wang, Cheng Kuei Jen, Thompson, M., Cheeke, J.D.N. Mass sensitivity of thin rod acoustic wave sensors 110083
Vier, D.C. *see* Yamamoto, S.Y. 115714
Viera, A. *see* Mullen, L. 79013
Viergever, M. *see* Florack, L. 67202
Viergever, M.A. *see* Beekman, F.J. 80232
Viergever, M.A. *see* Beekman, F.J. 101162
Viergever, M.A. *see* Beekman, F.J. 101191
Viergever, M.A. *see* Kamphuis, C. 90361
Viergever, M.A. *see* Kamphuis, C. 101159
Viergever, M.A. *see* Maintz, J.B.A. 69952
Viergever, M.A. *see* Niessen, W.J. 110753
Viergever, M.A. *see* Vincken, K.L. 86366
Vierhaus, H.-T. *see* Wilberg, J. 93050
Vierhaus, H.T. *see* Glaser, U. 61802
Vieri, C. *see* Chandrakasan, A. 82842
Vierk, S. *see* Kuo, D. 115754
Vierk, S. *see* Rauch, G.C. 115681
Vierth, I. *see* Ballhaus, F. 99425
Vieru, S. *see* Syrbu, A. 65207
Vieru, T. *see* Dorogan, V. 69133
Vieth, M. *see* van den Berg, H.A.M. 115874
Vietze, O., Seitz, P. Image sensing with programmable offset pixels for increased dynamic range of more than 150 dB 100126
Vietze, O., Seitz, P. Active pixels for image sensing with programmable, high dynamic range 110221
Vietze, O. *see* Spirig, T. 110220
Vietzorreck, L., Pregla, R. 3-D modeling of interconnects in MMICs by the method of lines 83490
Vietzorreck, L., Pregla, R. Analysis of discontinuities in microwave circuits with a new eigenmode algorithm based on the method of lines 114246
Vieu, C. *see* Etrillard, J. 84136
Vieu, C. *see* Faini, G. 105409
Vieu, C. *see* Faye, M.M. 114881
Vieu, C. *see* Pepin, A. 74432
Vieu, C. *see* Pepin, A. 83916
Vieu, C. *see* Ressier, L. 74369
Vieville, T., Faugeras, O.D. The first order expansion of motion equations in the uncalibrated case 98052
Vieville, T. *see* Clergue, E. 98066
Vieweg, S., Lechner, W. GLONASS: A basis for a European SatNav system 79056
Vieweg, S., Lechner, W. Integrity concepts for application of SatNav systems for airborne operations 88770
Vieweg, S. *see* Kasties, G. 79060
Vig, J.R., Filler, R.L., Kim, Y. Chemical sensor based on quartz microresonators 79300
Vig, J.R., Filler, R.L., Kim, Y. Uncooled IR imaging array based on quartz microresonators 79405
Vig, J.R., Filler, R.L., Kim, Y. Microresonator array for infrared imaging and chemical sensing 95312
Vig, R. Silicon Hall effect sensors: basic applications and trends 89026
Vigier, P. *see* Berthelemot, C. 107026
Vigier, P. *see* Berthelemot, C. 116280
Vigil, A.J., Belkerdid, M.A., Malocha, D.C. Results of optimal discrete pulse shaping for MSK-type signals 86036
Vigilante, F. *see* Altucci, C. 96721
Vigliante, A. *see* Meyer, J.R. 63108
Vigliante, A. *see* Zborowski, J.T. 74322
Viglietti, W. *see* Bergamasco, G. 122055
Vigliotti, D.R. *see* Von Gutfeld, R.J. 61315
Vignale, G. *see* Schaich, W.L. 74419
Vignali, C. *see* Bennett, R. 119059
Vignaud, D. *see* Cribier, M. 110538
Vigneaux, S. The integration of a newsroom computer system with a server-centred news production system 119418
Vigneras-Lefebvre, V. *see* Defos du Rau, M. 65771
Vigneras-Lefebvre, V. *see* Parneix, J.P. 97027
Vigneron, J.-P., Forati, F., Andre, D., Castiaux, A., Derycke, I., Dereux, A. Theory of electromagnetic

energy transfer in three-dimensional structures 97047
Vigneron, S. *see* Galy, C. 62335
Vigneron, S. *see* Gendraud, S. 114205
Vigneron, S. *see* Guillot, P. 62200
Vigneron, S. *see* Moraud, S. 83322
Vignola, G. DAΦNE status and plans 79821
Vignola, G. *see* Whitham, K. 89719
Vignoli, S., Meaudre, R., Meaudre, M., Roca i Cabarrocas, P., Godet, C., Morin, P. Stability versus structure in glow discharge hydrogenated amorphous silicon obtained from a wide range of deposition conditions 94401
Viher, B., Korosec, D., Zazula, D. Computer simulator of electromyographic signal 110833
Vihriala, H. *see* Soderlund, L. 102524
Viiri, J. Teaching the force concept: a constructivist teaching experiment in engineering education 72117
Viitanen, A.J. A conductor-backed uniaxial slab as a polarization transformer 76381
Vij, J.K. *see* Mac Lughadha, S.T. 95870
Vijay, D.P. *see* Desu, S.B. 104146
Vijay Kumar, P. *see* Shanbhag, A.G. 97561
Vijaya Krishna, G., Srinivasan, S., Patil, K.M. A new DSP-based multichannel EMG acquisition and analysis system 120277
Vijaya Kumar, B.V.K., Carlson, D.W., Mahalanobis, A. Efficient computation of optimal gain and angle in the design of correlation filters for cross-coupled devices 75663
Vijaya Kumar, B.V.K. *see* Juday, R.D. 75664
Vijaya Kumar, B.V.K. *see* Mahalanobis, A. 80727
Vijaya Kumar, B.V.K. *see* Mahalanobis, A. 86892
Vijayakumar, B., Kriegman, D.J., Ponce, J. Structure and motion of curved 3D objects from monocular silhouettes 86397
Vijayakumar, S. *see* Pelizzari, C.A. 69973
Vijayan, D. *see* Kuo, S.M. 97758
Vijayananda, K. Distributed fault detection in communication protocols using extended finite state machines 87442
Vijayaraghavan, R. *see* Neeraj Khare 106694
Vijaykrishnan, N., Ranganathan, N. SUBGEN: a genetic approach for subcircuit extraction 93085
Vijaykumar, D.K. *see* Gopal, T.V. 67781
Vijaykumar, R. *see* Khatib-Rahbar, M. 81251
Vikhliy, G.A., Karpenko, A.Y., Litovchenko, P.G. Dose dependence of semiconductor material conductivity as a means of high fluence dosimetry 120560
Viklund, P. High-speed design demystified. I [PCB design] 114410
Viklund, P. High-speed design demystified. II 114419
Vikram, B. *see* Fontenla, D.P. 110914
Vikram, B. *see* Yaparpalvi, R. 80465
Vikram, C.S. Holography of erosion, corrosion, and mechanical wear: possible role of phase-shifting interferometry 85775
Vikram, C.S. Fringe modulation in shifted reference holography of fine motions 96764
Vikram, C.S. Image power for size analysis in in-line Fraunhofer holography 96781
Viktorov, E.A. *see* Khaleev, M.M. 96238
Viktorovitch, P. *see* Besland, M.P. 105499
Viktorovitch, P. *see* Drouot, V. 106056
Viktorovitch, P. *see* Meva'a, C. 94371
Viktorovitch, P. *see* Seassal, C. 74928
Viktorovitch, P. *see* Seassal, C. 106857
Vikulov, V., Komin, V.E., Shchekin, K.I. Gas proportional scintillation detector with a focusing system for X-ray spectrometry 110567
Vikulov, V.A. *see* Skryshevsky, V.A. 114576
Vila, A. *see* Fuglsang-Frederiksen, A. 90546
Vila, A. *see* Johnsen, B. 90545
Vila, R., Jimenez de Castro, M. Evidence for Schottky barrier formation due to hole centers in Al$_2$O$_3$:Mg and MgO:Li with metal contacts 114809
Vila-Sallent, J., Sole-Pareta, J.. Supporting HPDC applications over ATM networks with cell-based transport mechanisms 109108
Vilaca, A.L.A. *see* Delaiba, A.C. 102776
Viladrosa, R. *see* Pouvesle, J.M. 101008
Vilain, B., Pontailler, C. Networking: An issue for TMN 108976
Vilain, M. *see* Rothan, F. 69311
Vilain, P. *see* Annis, P. 80121
Vilain, P. *see* Martellotti, G. 80122
Vilanova, X., Llobet, E., Alcubilla, R., Sueiras, J.E., Correig, X. Analysis of the conductance transient in thick-film tin oxide gas sensors 110265
Vilanova, X., Llobet, E., Correig, X. Model for the electrical conductance transient behaviour in thick film SnO$_2$ semiconductor gas sensors 69346
Vilar, E., Senin, S., Waight, J., Austin, J., Wan, K.W., McPherson, H. An experimental mm-wave receiver system for measuring phase noise due to atmospheric turbulence 97136
Vilaseca, R. *see* Kul'minskii, A. 116585
Vilathgamuwa, M., Deng Junhong Nonlinear modelling of quasi-resonant converters in frequency domain 121619
Vilcheck, W.S., Dennis, R.J. Power quality solutions at industrial and commercial facilities 91971
Vilcheck, W.S. *see* Shipp, D.D. 71738
Vilcot, A. *see* Haidar, J. 93713
Vilcot, A. *see* Safwat, A.M.E. 62354
Vilcot, J.P. *see* Harari, J. 64925
Vilcot, J.P. *see* Harari, J. 93816
Vilcot, J.P. *see* Jin, G.H. 95771
Vilcot, J.P. *see* Van de Casteele, J. 64945
Vilela, M.F., Medelci, N., Bensaoula, A., Freundlich, A., Renaud, P. First epitaxial InP tunnel junctions grown by chemical beam epitaxy 103957
Vilela, M.S., Coelho, E.A.A., Vieira, J.B., Jr., de Freitas, L.C., Farias, V.J. A family of PWM soft-switching converters with low stresses of voltage and current 71430
Vilela, M.S., Coelho, E.A.A., Vieira, J.B., Jr., de Freitas, L.C., Farias, V.J. PWM soft-switched converters using a single active switch 71431
Vilela, M.S., Coelho, E.A.A., Vieira, J.B., Jr., de Freitas, L.C., Farias, V.J. A family of PWM soft-switching converters without switch voltage and current stresses 113738
Vilela, M.S. *see* Barbosa, L.R. 121568
Vilela, M.S. *see* Lambert, J.A. 71437
Vilesov, D.V. *see* Balakshina, L.V. 102840
Vilhar, R. E-plane metal insert in rectangular waveguide as building block of microwave filter 93737
Vilim, R.B., Brock, R.W. A method for measurement of delayed neutron parameters for liquid-metal-cooled power reactors 81261
Vilitis, O. Extension of spectrophotometer photometric range 119918
Viljoen, H.J. *see* Jooste, B.R. 88965
Viljoen, P.E., Roos, W.D., Swart, H.C., Holloway, P.H. Carbon Auger peak shape measurements in the characterization of reactions on (001) diamond 105126
Vilkko, M., Lautala, P. Short term hydro-thermal power production planning 102010
Vilkko, M. *see* Rakkolainen, J. 102557
Vilkman, E. *see* Alku, P. 76864
Villa, M., Tian, F., Cofrancesco, P., Halamek, J., Kasal, M. High-resolution digital quadrature detection 79282
Villagran-Muniz, M. *see* Sosa-Trujillo, J.L. 107130
Villain, J. *see* Michel, B. 112960
Villain, J.P., Andre, R., Hanuise, C., Gresillon, D. Observation of the high latitude ionosphere by HF radars: Interpretation in terms of collective wave scattering and characterization of turbulence 80627
Villalba, J. *see* Bruguera, J.D. 104594
Villalobos, I.R.T. Extreme elements and granulometries in the estimation problem 67104
Villalobos, J.R. *see* Gallegos, J.M. 73849
Villani, M. *see* Higuchi, T. 111925
Villani, T. *see* Ambrose, J. 70580
Villanueva-Fernandez, A. *see* Berenguer-Sau, J. 88809
Villar, E., Sanchez, P. CAD tools for synthesis 61728
Villar, J. *see* Girard, T.A. 80093
Villar, J.M.Barrientos *see* Barrientos Villar, J.M.
Villard, D. *see* De Mathan, N. 82821
Villard, G. *see* Roch, J.-L. 103746
Villard, M. *see* Hugon, X. 69307
Villard, P., Kielbasa, R. A MOSFET model including total dose effects 74740
Villard, P., Kielbasa, R. A MOSFET model including total dose effects 106015
Villares, P. *see* Fernandez-Pena, J. 74288
Villares, P. *see* Rojas, J.L. 94396
Villarreal, F. *see* Colley, A.D. 107104
Villarrubia, J.S. *see* Cresswell, M.W. 115087
Villarrubia, J.S. *see* Schneir, J. 68959
Villasana, R.V. *see* Hernandez, A.E. 102109
Villaseca, F.E. *see* Al-Kalaani, Y. 70802
Villasenor, J. *see* Jain, R. 87669
Villasenor, J. *see* Watson, A.B. 108537
Villasenor, J.D., Ergas, R.A., Donoho, P.L. Seismic data compression using high-dimensional wavelet transforms 90744
Villasenor, J.D. *see* Belzer, B. 86079
Villasenor, J.D. *see* Min-Jen Tsai 90443
Villasenor, J.D. *see* Tsai, M.J. 117589
Villate, D., Bonnafond, Ch., Devin, A., Merle, E. AIRIX alignment and high current beam diagnostics 100594
Villate, D. *see* Eyharts, Ph. 89740
Ville, J.M. *see* Lazreq, Z. 90861
Villegas, B.J. *see* Soares, E.J. 90358
Villegas, B.J. *see* Soares, E.J. 101132
Villegas, F.J., Jackson, D.R., Williams, J.T. Leakage fields from planar semi-infinite transmission lines 85935
Villegas, J.M.Lopez *see* Lopez Villegas, J.M.
Villegas, P. *see* Roser, M. 67902
Villegas, P. *see* Sebastian, J. 121645
Villegas, P. *see* Sebastian, J. 121719
Villegas, P. *see* Simon, M.M. 97963
Villegier, J.-C. *see* Mechin, L. 100014
Villemazet, J.F., Soulard, M. A statistical load pull for mixer design using a commercial circuit simulator 83005
Villemoes, L.F. *see* Thiele, C.M. 66743
Villeneuve, A., Aitchison, J.S., Kang, J.U., Stegeman, G.T. Nonlinear optics in AlGaAs at half the band gap 64732
Villeneuve, A. *see* Hamilton, C.J. 65456
Villeneuve, A. *see* Kang, J.U. 116644
Villeneuve, B. *see* Guy, M. 78898
Villeneuve, D., Webb, J.P. Accuracy versus cost for three efficient finite-element solvers 65675
Villeneuve, D., Webb, J.P. Universal matrices for high order elements with non-linear material properties and curved boundaries 96867
Villeneuve, P.R. *see* Lin, S.-Y. 95918
Villmann, T. *see* Hering, K. 73041
Villone, F. *see* Formisano, A. 65633
Villone, F. *see* Formisano, A. 106705
Villone, F. *see* Miano, G. 65788
Villuendas, F. *see* Garces, I. 64751
Vilnrotter, V., Fort, D., Iijima, B. Real-time array feed compensation system demonstration at JPL 66174
Viloria, A. *see* De Perez, T.A. 97855
Vilser, W. *see* Baresova, E. 69929
Vin, H.M. *see* Goyal, P. 87956
Vin, H.M. *see* Goyal, P. 88862
Vin, H.M. *see* Goyal, P. 118044
Vin, H.M. *see* Goyal, P. 118060
Vin, H.M. *see* Posnak, E.J. 87901
Vin, H.M. *see* Tewari, R. 98849
Vina, A. *see* Conde, J.F. 82142
Vina, A. *see* Molano, A. 119399
Vina, L. *see* Bellani, V. 62962
Vina, L. *see* Bellani, V. 114608
Vinai, F. *see* Tiberto, P. 115552
Vinassa, J.M. *see* Lajoie-Mazenc, M. 91541
Vinay, T. *see* He, M.G. 86699
Vinayagamoorthy, S., Plataniotis, K.N., Androutsos, D., Venetsanopoulos, A.N. A multichannel filter for TV signal processing 62038
Vinayak, S. *see* Chandra, I. 104843
Vincent, A. *see* Bellet, D. 119893
Vincent, A. *see* Lauzon, D. 88838
Vincent, A. *see* Limin Wang 108473
Vincent, C.A. Nonaqueous battery systems 102940
Vincent, E., Papadas, C., Riva, C., Pio, F., Ghibaudo, G. Impact of the furnace nitridation temperature in N$_2$O ambient on the quality of the Si/SiO$_2$ system 63290
Vincent, E., Papadas, C., Riva, C., Pio, F., Ghibaudo, G. On the charge build-up mechanisms in very thin insulator layers 64033
Vincent, E., Papadas, C., Riva, C., Pio, F., Ghibaudo, G. Reliability issues of furnace nitridated oxides prepared with reduced thermal budget in N$_2$O ambient 74585
Vincent, E., Revil, N., Papadas, C., Ghibaudo, G. Electric field dependence of TDDB activation energy in ultrathin oxides 115406
Vincent, G. *see* Ashburn, P. 63583
Vincent, G. *see* Denorme, S. 84330
Vincent, H. *see* Ferro, G. 94441
Vincent, H. *see* Ferro, G. 113472
Vincent, H. *see* Somatri, R. 92722
Vincent, J. *see* Van Der Westhuizen, P. 114162
Vincent, J. *see* York, R.C. 79810
Vincent, J.B., Van Der Merwe, D.G. Wideband 13 GHz to 17 GHz GaAs MMIC power amplifier 113785
Vincent, J.B. *see* Van Der Merwe, D.G. 114329
Vincent, J.H., Sangha, S.P.S. Nanocrystalline materials for soft magnetic applications 75071
Vincent, M. *see* Giacalone, G. 73368
Vincent, M.St. *see* St. Vincent, M.
Vincent, N., Chenebault, J., Suinot, N., Mancini, P.L. Spaceborne rain radar mission and instrument analysis 111183
Vincent, N., Richard, J., Suinot, N., Yarwood, M., Mavrocordatos, C. Pulse compression with −65 dB sidelobe level for a spaceborne meteorological radar 111207
Vincent, P. *see* Smith, G.R. 120229
Vincent, R. *see* May, P.W. 72926
Vincent, R.A. *see* Khattatov, B.V. 120783
Vincent, R.A. *see* Rajopadhyaya, D.K. 80645
Vincent, S.R. CW rejection [RF receiver] 79136
Vincent, S.R. CW rejection in ESM receivers 80736
Vincenti, D. *see* Jain, P. 71469
Vincentis, G.De *see* De Vincentis, G.
Vincenzi, M.De *see* De Vincenzi, M.
Vincenzoni, R. *see* Rigo, C. 103937
Vincenzoni, R. *see* Salvatori, S. 85279
Vincenzoni, R. *see* Salvatori, S. 114690
Vinchant, J.F. *see* Hornung, V. 96062
Vinchant, J.F. *see* Hornung, V. 116552
Vinchant, J.F. *see* Rodrigues, V. 68371
Vinchant, J.F. *see* Saint-Dizier, E. 88594
Vinchao Chen, Harms, P., Mittra, R., Beyene, W. Analysis of complex electronic packages with the use of using the FDTD/TOUCHSTONE hybrid technique 92266
Vinci, C. *see* Baglio, S. 93627
Vinci, M. *see* Santini, E. 71360
Vinciguerra, R.L. *see* Zabele, S. 67740
Vinck, A.J. *see* Feng-Wen Sun 66388
Vinck, A.J.H., Keuning, J., Sang Wu Kim On the capacity for the T-user M-frequency noiseless multiple access channel without intensity information 67557
Vinck, A.J.Han *see* Han Vinck, A.J.
Vinck, B., Bruneel, H. Delay analysis of multiserver ATM buffers 98430
Vincken, K.L., Niessen, W.J., Viergever, M.A. Blurring strategies for image segmentation using a multiscale linking model 86366
Vincken, K.L. *see* Niessen, W.J. 110753
Vincze, G. *see* David, L. 94568
Vincze, I. Cramer-Rao type inequality and a problem of mixture of distributions 92402

Vincze, M. *see* Gander, H. 93431
Vindevoghel, J. *see* Carrez, F. 97353
Vine, D.M.Le *see* Le Vine, D.M.
Vine, E.L. International DSM and DSM program evaluation: an INDEEP assessment 111486
Vineis, C., Davies, P.K., Negas, T., Bell, S. Microwave dielectric properties of hexagonal perovskites 64024
Vinelli, F. *see* Fabbretti, G. 97832
Vinelli, F. *see* Farina, A. 68579
Viner, J.M. *see* Wang, S.L. 94674
Vinet, F., Buffet, N., Heitzmann, M., Laurens, M., Le Cornec, C., Lerme, M., Molle, P., Morand, Y., Mourier, T., Ullmann, H., Vizioz, C. Deep UV lithography for 0.35 µm design rules. Application to CMOS technology with three metallization levels 63491
Vinet, F., Buffet, N., Le Cornec, C., Lerme, M., Morand, Y., Mourier, T., Previtali, B., Paniez, P.J. 200 mm DUV lithography: Material and process optimization application to 0.25 µm CMOS technology 84269
Vinet, F., Heitzmann, M., Mourier, T., Poncet, D., Previtali, B., Vizioz, C., Paniez, P.J., Schiltz, A. Undercut elimination in DUV negative systems: Application to lithography and etching of metal levels 105761
Vinet, L. *see* Floreanini, R. 72397
Viney, I.V.F. *see* Clough, S. 74300
Vineyard, M. *see* Pehlke, D.R. 62272
Vingtoft, S. *see* Fuglsang-Frederiksen, A. 90546
Vingtoft, S. *see* Johnsen, B. 90545
Vinh Phuc Pham, Lessard, R.A., Manivannan, G. Optical applications of photorefractive azo-dye doped PMMA films 96817
Vining, D.J. *see* Ferretti, G.R. 120384
Vining, G.G., Schaub, D. Experimental designs for estimating both mean and variance functions 82416
Viniotis, I. *see* Chang-Yu Wang 87350
Viniotis, I. *see* Sharma, S. 118176
Vinitskii, Y.D. *see* Plakhtyna, Y.G. 71737
Vinitsky, M.M., Volfberg, D.B., Solowyanov, A.A., Lifshits, I.M. Methods of identifying and assigning innovation priorities in FPC industries 80840
Vink, T.J., Overwijk, M.H.F., Walrave, W. The active dopant concentration in ion implanted indium tin oxide thin films 114886
Vinnakota, B. Monitoring power dissipation for fault detection 106205
Vinnakota, B. *see* Amin, M.B. 104496
Vinnakota, B. *see* Stessman, N.J. 114071
Vinnurva, J. *see* Collan, H.K. 96940
Vinod, G.L. *see* Rajgopal, K. 120422
Vinod, S.C. *see* Prahlad Rao, N. 78582
Vinod Kumar, N., Ganesh, L.S. An empirical analysis of the use of the analytic hierarchy process for estimating membership values in a fuzzy set 92469
Vinodkumar, A.M. *see* Kataria, D.O. 69846
Vinograd, E.L. *see* Zagarij, L.B. 120184
Vinogradov, A.A. *see* Salishchev, V.A. 109830
Vinogradov, A.V., Janszky, J., Kobayashi, T. A single-molecule interferometer for measurement of femtosecond laser pulse duration 79738
Vinogradov, A.V. *see* Artyukov, I.A. 69907
Vinogradov, E.A. *see* Puhlmann, N. 79664
Vinogradov, E.A. *see* Suyazov, N.V. 80662
Vinogradov, L. *see* Beole, S. 110562
Vinogradov, S.V., Leiman, V.G., Nikulin, M.G., Rybak, P.V. Taylor vortices in an annular electron beam 110479
Vinogradov, V.P. *see* Filippov, N.V. 110637
Vinogradov, V.S., Vodop'yanov, L.K., Kozyrev, S.P., Ignat'ev, A.S. Analysis of infrared absorption spectra for a structure consisting of two tunnel-coupled quantum wells 105321
Vinogradov, V.V. *see* Vavriv, D.M. 117366
Vinokurov, D.A. *see* Drescher, P. 105007
Vinokurov, N.A. Multisegment wigglers for short wavelength FEL 96524
Vinokurov, N.A., Gavrilov, N.G., Gorniker, E.I., Kulipanov, G.N., Kuptsov, I.V., Kurkin, G.Ya., Erg, G.I., Levashov, Yu.I., Oreshkov, A.D., Petrov, S.P., Petrov, V.M., Pinayev, I.V., Popik, V.M., Sedlyarov, I.K., Shaftan, T.V., Skrinsky, A.N., Sokolov, A.S., Veshcherevich, V.G., Vobly, P.D. Status of the high power free electron laser using the race-track microtron-recuperator 96552
Vinokurov, N.A. *see* Gluskin, E. 101000
Vinokurov, N.A. *see* Kulipanov, G.N. 107387
Vinokurov, V.A., Tashlinskii, A.G. An algorithm for a real-time mapping of a cerebrum topogram 70133
Vinokurov, V.G. *see* Yakimets, I.V. 103116
Vinouze, B., Bosc, D., Guilbert, M., Trubert, C. Active matrix with optimised PDLC for reflective direct view liquid crystal display 89344
Vinoy, K.J., Jha, R.M. Trends in radar absorbing materials technology 78993
Vinsard, G., Laporte, B., Bock, J.P. A computation of a capacitor motor with the first harmonic method 111937
Vinsard, G. *see* Dufour, S. 71280
Vinsard, G. *see* Dufour, S. 111924
Vinsard, G. *see* Laporte, B. 102759
Vinson, J.E. NiCr fuse reliability–a new approach 61910
Vinter, B., Thibaudeau, L. Time-dependent study of the photoionization of an electron out of a quantum well in an electric field 62968
Vinter, B. *see* Bois, Ph. 69180
Vinther, O. *see* Bridgwood, I. 72114
Vinther, O. *see* Nielsen, K. 72138
Viokh, O.G. *see* Kostruba, A.M. 106767
Viola, F. *see* Da Lio, M. 91584
Viola, L. *see* Arena, V. 90171
Viola, R. *see* Caire, G. 88865
Violaro, F. *see* Runstein, F. 86133
Violaro, F. *see* Yamamoto, J.S. 78274
Viot, G. Constructing a fuzzy controller 104615
Virador, P.R.G. *see* Comanor, K.A. 101279
Virani, H. Electronic step drives for numerical control machinery and robotics 71604
Virani, H. Power electronics: a review 93110
Virchenko, Yu.P., Grigor'ev, Yu.N. The envelopes of beam motion in the charged particle cyclic accelerator 89885
Virdee, B. Novel electronically tunable DR bandstop filter 93551
Virdee, T.S. *see* Peigneux, J.P. 120164
Virdi, G.S. *see* Chavan, S.T. 105599
Virdi, G.S. *see* Lal, K. 105600
Virga, K. *see* Gedney, S. 93753
Virgili, T. *see* Sberveglieri, G. 69370
Virginio, N.Di *see* Di Virginio, N.
Virgos Rovira, J.M. *see* Fernandez Diaz, J.M. 97250
Virieux, J. *see* Courboulex, F. 90750
Virkar, A.V. *see* Kuan-Zong Fung 81850
Virkar, A.V. *see* Kuan-Zong Fung 81859
Virmani, M., Levedakis, D.A., Raupp, G.B., Cale, T.S. Feature scale simulation studies of TEOS-sourced remote microwave plasma-enhanced chemical vapor deposition of silicon dioxide: role of oxygen atom recombination 82728
Virolainen, R. *see* Holmberg, J. 71053
Virostek, S. *see* Turner, J.L. 89654
Virovets, T.V. *see* Koroleva, L.I. 84769
Virtamo, J., Aalto, S., Down, D. Window based estimation of the intensity of a doubly stochastic Poisson process 108948
Virtamo, J.T., Valli, S.T. Vector quantization with hierarchical classification of sub-blocks 98304
Virtamo, J.T. *see* Aalto, S. 77783
Virtanen, A. *see* Lhersonneau, G. 80145
Visala, A. *see* Halme, A. 103485
Visalli, G. *see* Bui, N.-C. 110198
Visbeck, M., Fischer, J. Sea surface conditions remotely sensed by upward-looking ADCPs 90815
Visca, M. *see* Ardito, M. 68868
Viscito, E. *see* Wong, Y.-F. 86572
Visco, S.J., De Jonghe, L.C. Thin-film polymer batteries for electric vehicles 71846
Visconti, P. *see* Gerber, R. 118517
Visek, J.A. On high breakdown point estimation 72588
Visek, J.A. On the heuristics of statistical results 92436
Visentin, L. *see* Autiero, D. 69815
Visentin, L. *see* Autiero, D. 80006
Vishakhadatta, G.D. *see* Tuttle, G.T. 75262
Vishal, S. Store and forward message switching system 118728
Vishal Sarin *see* Van Tran, H. 73587
Vishik, S. *see* Hamalainen, M. 87658
Vishnevskii, A.M., Lapovok, A.Ya. Calculation of electric field in the conducting layer 96875
Vishnevsky, G.I. *see* Dalinenko, I.N. 79524
Vishnevsky, G.I. *see* Dalinenko, I.N. 100094
Vishnevsky, G.I. *see* Golovkin, S.V. 80125
Vishnevsky, G.I. *see* Kossov, V.G. 100095
Vishnevsky, Yu.I., Tikhodeev, N.N., Philippov, A.A. Gas electroconductivity research in SF_6 equipment exposed to prolonged DC voltage 115440
Vishnevsky, Yu.I. *see* Filippov, A.A. 81613
Vishniakov, V. *see* Liberman, B. 120883
Vishnoi, G., Goel, T.C., Pillai, P.K.C. The study of thermally stimulated discharge current in PZT:epoxy composites using optical fibre sensor 69224
Vishnu, M., Mark, J.W. HOL-EDD: a flexible service scheduling scheme for ATM networks 87337
Vishnuvajjala, R.V., Subramanian, S., Wei-Tek Tsai, Elliott, L., Mojdehbakhsh, R. Run-time assertion schemes for safety-critical systems [pacemakers/defibrillators application] 110922
Vishnuvajjala, R.V. *see* Subramanian, S. 110638
Vishnuvardhana Rao, K., Kuloor, R., Rajakesari, M.A. Adaptive microwave sensitivity control for a high performance pulse Doppler radar 70607
Vishnuvardhana Rao, K. *see* Kuloor, R. 70604
Vishnyakov, V. *see* Carter, G. 114556
Vishnykov, D.P. *see* Obrosov, V.P. 112176
Vishwanath, M., Owens, R.M. A common architecture for the DWT and IDWT 104602
Vishwanath, M. *see* Borah, M. 108694
Vishwanath, M. *see* Chaddha, N. 98339
Visintin, A., Triaca, W.E., Arvia, A.J. A phenomenological approach to hydrous nickel oxide electrodes prepared by applying periodic potential routines 81718
Visintin, A. *see* Wenlin Zhang 71661
Visintin, M. Karhunen-Loeve expansion of a fast Rayleigh fading process 107880
Visintin, M. *see* Benvenuto, N. 118746
Visintin, M. *see* Sari, H. 68058
Visintini, G. *see* He Xiaoyin 118247
Visintini, R. *see* Bocchetta, C.J. 79809
Visintini, R. *see* Bulfone, D. 76053
Visintini, R. *see* Walker, R.P. 96521
Visioli, A. *see* Sillitoe, I. 80695
Vismara, A. *see* Leonardi, F. 81945
Visocky, P. *see* Frischmuth, K. 69021
Visokay, M.R. *see* Clark, T.E. 113314
Visokay, M.R. *see* Tang, K. 115829
Visona, S.P., Stanmore, B.R. 3-D modelling of NO_x formation in a 275 MW utility boiler 102444
Visone, C. *see* Miano, G. 64280
Visosky, M.M., Advani, R.N., Bekefi, G., Hutchinson, I.H., Mastovsky, I., Ashford, V., Knowles, T.R. Characterization of carbon fiber flocked cathode materials 105001
Visser, A.G. *see* Althof, V.G.M. 120508
Visser, A.G. *see* Bel, A. 90576
Visser, A.P. *see* Divall, E.J. 65036
Visser, C.A. *see* Galjee, M.A. 101273
Visser, C.A. *see* Holman, E.R. 69986
Visser, C.C.G. *see* Gardeniers, J.G.E. 113438
Visser, C.C.G. *see* Huizing, H.G.A. 94668
Visser, H. *see* Smorenburg, C. 120776
Visser, H.J. Waveguide phased array analysis and synthesis 68701
Visser, J. *see* Zibman, I. 68132
Visser, J. *see* Zibman, I. 98596
Visser, M.A., El Zarki, M. Voice and data transmission over an 802.11 wireless network 87851
Visser, T.D., Demeulenaere, B., Haes, J., Lenstra, D., Baets, R., Blok, H. Confinement and modal gain in dielectric waveguides 64754
Visser, T.D., Lenstra, D., Blok, H. Polarization-dependent amplification in planar waveguides 96197
Vissers, K.A., Essink, G., Van Gerwen, P., Popp, O., Riddersma, E., Veendrick, H.J.M. Real-time video signal processing with VSPs 97910
Vistak, M., Mikityuk, Z. The cholesteric-nematic phase transition for the liquid crystal display 95858
Vistnes, A.I. *see* Reitan, J.B. 90623
Vistricka, J. *see* Zovko-Cihlar, B. 79127
Visvanathan, V., Ramanathan, S. Synthesis of energy-efficient configurable processor arrays 104432
Visvanathan, V. *see* Mandal, P. 93160
Visvanathan, V. *see* Ramanathan, S. 93602
Visvikis, D. *see* Ott, R.J. 70076
Viswanatha, C. *see* Mallikarjunappa, K. 81409
Viswanathan, B. *see* Amarendra, G. 120087
Viswanathan, C.R. *see* Brozek, T. 63674
Viswanathan, C.R. *see* Brozek, T. 63748
Viswanathan, C.R. *see* Brozek, T. 95177
Viswanathan, C.R. *see* Brozek, T. 105960
Viswanathan, C.R. *see* Brozek, T. 105974
Viswanathan, C.R. *see* Brozek, T. 105989
Viswanathan, C.R. *see* Brozek, T. 106027
Viswanathan, C.R. *see* Brozek, T. 115351
Viswanathan, C.R. *see* Prabhakar, V. 74733
Viswanathan, C.R. *see* Prabhakar, V. 115195
Viswanathan, C.R. *see* Xiao-Yu Li 63702
Viswanathan, H., Berger, T. The quadratic Gaussian CEO problem 66201
Viswanathan, H. *see* Berger, T. 66287
Viswanathan, P.S. *see* Umesh, G. 81406
Viswanathan, R. *see* Amirmehrabi, H. 66638
Viswanathan, S., Imielinski, T. Metropolitan area video-on-demand service using pyramid broadcasting 109848
Viswanathan, T.R. *see* Norsworthy, S.R. 104630
Viswanathan, V. *see* Ali, M. 99803
Vita, L. *see* Catania, V. 118462
Vita, P.Di *see* Di Vita, P.
Vital, D. *see* Gautier, E. 96028
Vital, J. *see* Guilherme, J. 93515
Vital, J. *see* Oliveira, J.P. 104641
Vital, J.C. *see* Goes, J. 93509
Vital, J.C. *see* Goes, J. 104628
Vitale, G. *see* Cirrincione, M. 121983
Vitale, G. *see* Fratelli, L. 94937
Vitale, G. *see* Miceli, R. 112566
Vitale, G.P. *see* Bellone, S. 84462
Vitale, L. *see* Botner, O. 69728
Vitale, V. *see* Bertocchi, A. 110038
Vitali, G., Rossi, M., Pizzuto, C., Zollo, G., Kalitzova, M. Low power pulsed laser annealing of Zn^+-implanted InP: first endeavours 94658
Vitali, G. *see* Krastev, V. 94327
Vitali, G. *see* Terranova, M.L. 114801
Vitanov, N.K., Martinov, N.K. On the solitary waves in the sine-Gordon model of the two-dimensional Josephson junction 75342
Vitanyi, P. *see* Buhrman, H. 98513
Vitelli, M. *see* Femia, N. 70952
Vitelli, M. *see* Lupo, G. 81129
Vitelli, M. *see* Lupo, G. 81375
Vitelli, M. *see* Lupo, G. 91204
Vitello, P. *see* Bukowski, J.D. 63403
Viterbi, A. A fresh look at the physical layer of terrestrial mobile multiple access networks 99249
Viterbi, A.J. Comment on "Comparison of two convolutional orthogonal coding techniques for CDMA radio communication systems" 77690
Viterbi, A.J. *see* Vembu, S. 118028
Viterbi, A.J. *see* Wolf, J.K. 108174
Viterbini, M., Nozzoli, S., Poli, M., Adriani, A., Nozzoli, F., Ottaviano, A., Ponzo, S. Voltage

breakdown follower avoids hard thermal constraints in a Geiger mode avalanche photodiode 106968
Viterbo, E., Biglieri, E. Computing the Voronoi cell of a lattice: the diamond-cutting algorithm 66628
Viterbo, E., Fazel, K. How to combat long echoes in OFDM transmission schemes: sub-channel equalization or more powerful channel coding 87318
Viterbo, E. *see* Boutros, J. 68097
Viterbo, E. *see* Taricco, G. 76687
Vitetta, G.M., Taylor, D.P. Maximum likelihood sequence estimation of differentially encoded PSK signals transmitted over Rayleigh frequency-flat fading channels 77012
Vitetta, G.M., Taylor, D.P., Mengali, U. Blind receivers for PSK signals transmitted over Rayleigh frequency-flat fading channels 76759
Vitetta, G.M., Taylor, D.P., Mengali, U. Double-filtering receivers for PSK signals transmitted over Rayleigh frequency-flat fading channels 76932
Vitez, A. *see* Dentan, M. 90222
Vitez, A. *see* Dentan, M. 95214
Vithal, J.V.R. *see* Kumar, N.V.V.R. 112577
Vithana, H., Johnson, D., Bos, P., Herke, R., Fung, Y.K., Jamal, S. Nearly homeotropically aligned four-domain liquid crystal display with wide viewing angle 69399
Viticoli, S. *see* Bruni, M.R. 63050
Vitins, G. *see* Vaivars, G. 119776
Vitkalov, S.A. High-frequency conductivity of two-dimensional electrons under weak-localization conditions 83960
Vito, A.Di *see* Di Vito, A.
Vito, B.L.di *see* di Vito, B.L.
Vitoria Lobo, N.da *see* da Vitoria Lobo, N.
Vitous, V. *see* Bui, N.-C. 110198
Vitrant, G., Reinisch, R., Kajzar, F. M-line spectroscopy for nonlinear characterization of polymeric waveguides 85058
Vitrant, G. *see* Blau, G. 106859
Vitrant, G. *see* Fick, J. 76221
Vitrant, G. *see* Reinisch, R. 116068
Vitrant, G. *see* Righini, G.C. 115980
Vitrik, O.B., Kamenev, O.T., Kirichenko, O.V., Kulchin, Yu.N., Petrov, Yu.S. Signal processing method for a single-fiber two-mode interferometer 110189
Vitrik, O.B., Kulchin, Y.N., Maxaev, O.G., Kirichenko, O.V., Kamenev, O.T., Petrov, Y.S. Electronic speckle-interferometry method for processing of multimode interferometry sensor output signal 89128
Vitrik, O.B. *see* Kulchin, Yu.N. 85179
Vitruk, P.P. *see* Colley, A.D. 107104
Vitsinskii, S.A., Divin, V.D., Keller, A.V., Lovchii, I.L., Svetlykh, A.A. Copper-vapor lasers for hydrooptics applications 85369
Vittal, V. *see* Chih-Ming Lin 70718
Vitter, J.S. *see* Hoang, D.T. 86315
Vitter, J.S. *see* Hoang, D.T. 86723
Vitter, J.S. *see* Howard, P.G. 108420
Vittone, E. *see* Jaksic, M. 100822
Vittone, E. *see* Manfredotti, C. 69898
Vittor, P.De *see* De Vittor, P.
Vittori, F. *see* de Notaristefani, F. 110698
Vittoria, C. *see* How, H. 73637
Vittorio, M.De *see* De Vittorio, M.
Vittorio, N. *see* Mandolesi, N. 99703
Vittorio, N. *see* Smoot, G.F. 99702
Vittoz, E. *see* van Schaik, A. 62108
Vitucci, L. *see* Caniggia, S. 107931
Vitulano, D. *see* Moltedo, L. 87058
Vitulano, S., Di Ruberto, C., Nappi, M. A morphological and structural approach to medical imaging 86984
Vitulano, S. *see* Moltedo, L. 87058
Vitulo, P. *see* Arena, V. 90171
Vitusevich, S.A. *see* Belyaev, A.E. 105366
Vivaracho, C.E. *see* Sahelices, B. 76881
Vivekanandan, J. *see* Brandes, E.A. 80614
Vivien, D. *see* Simondi-Teisseire, B. 116453
Vivo, M.S., Sandoval, L.S. Analytical speech recognition 76880
Vix, M. Automatic 3D mesh generation with tetrahedral elements 92649
Viyogi, Y.P. *see* Aggarwal, M.M. 69839
Vizcaya, P.R., Gerhardt, L.A. A nonlinear orientation model for global description of fingerprints 77417
Vizd'a, F. *see* Hlavka, J. 110410
Vizi, L. *see* Somogyi, A. 112045
Vizioz, C. *see* Vinet, F. 63491
Vizioz, C. *see* Vinet, F. 105761
Vizvari, B. *see* Kolumban, G. 119585
Vizzini, A.J. *see* Shukla, D.R. 61461
Vlach, J. *see* Lizhong Zhu 118755
Vlachos, D., Avaritsiotis, J. Fuzzy neural networks for gas sensing 119764
Vlachos, D.S., Papadopoulos, C.A., Avaritsiotis, J.N. On the electronic interaction between additives and semiconducting oxide gas sensors 100157
Vlachos, D.S. *see* Papadopoulos, C.A. 69354
Vlachoudis, V. *see* Polatoglou, H.M. 94312
Vlad, A., Ferecatu, M., Oprisan, P. Statistical noise simulation for image processing purposes 87202
Vlad, V.I., Malacara-Hernandez, D., Petris, A. Real-time holographic interferometry using optical phase conjugation in photorefractive materials and direct spatial phase reconstruction 76306
Vladar, A.E. *see* Lowney, J.R. 115081
Vladar, A.E. *see* Postek, M.T. 112987
Vladarau, I. *see* Segarceanu, D. 91275
Vladescu, A. *see* Vaida, V. 81314
Vladimer, J.A., Ewell, V.R., Lee, M.C., Doherty, P.H., Decker, D.T., Anderson, D.N., Klobuchar, J.A. Ionospheric TEC observations from TOPEX satellite 120766
Vladimirov, V.L. *see* Lysyi, B.M. 99825
Vladimirov, V.V., Gorshkov, V.N., Mozyrsky, D.V. Microdroplet emission on liquid metal surface at the development of Rayleigh instabilities–applications in cosmos 80576
Vladimirsky, O. *see* Vladimirsky, Y. 74650
Vladimirsky, O. *see* Vladimirsky, Y. 79365
Vladimirsky, Y., Morris, K., Klopf, J.M., Vladimirsky, O., Saile, V. X-ray micro-lithography exposure system for high aspect ratio micromachining 74650
Vladimirsky, Y., Rau, N., Manohara, H., Morris, K., Klopf, J.M., Calderon, G., Vladimirsky, O. Thin metal film thermal micro-sensors 79365
Vladut, S.G. Two applications of Weil-Serre's explicit formula 86109
Vlahakis, A. *see* Kostarakis, P. 119006
Vlahopoulos, N. *see* Vallance, C. 70310
Vlaicu, C. *see* Golovanov, C. 79201
Vlaicu, C. *see* Golovanov, C. 121246
Vlaicu, M. *see* Buda, M. 65208
Vlasenko, A.I. *see* Baidullaeva, A. 114595
Vlasenko, M. *see* Kostyuk, L. 111751
Vlasenko, O.A. *see* Awad, H.R.I. 107186
Vlasenko, O.A. *see* Kozlov, V.A. 96224
Vlasenko, Yu.V. *see* Baidullaeva, A. 114595
Vlasits, T., Korolkiewicz, E., Sambell, A. Realisation aspects of the 5.8 GHz vehicle-to-roadside microwave communication system 99388
Vlasits, T., Korolkiewicz, E., Sambell, A. Analysis of cross-aperture coupled patch antenna using transmission line model 117031
Vlasits, T. *see* Robinson, B. 65977
Vlaskin, V.I. *see* Vlaskina, S.I. 104139
Vlaskina, S.I., Kim, Y.S., Cho, N.I., Vlaskin, V.I., Rodionov, V.E., Svechnikov, S.V., Bereginsky, L.I., Shaginian, L.R. Silicon carbide films grown on silicon substrate by chemical vapor deposition 104139
Vlasov, A. *see* Levush, B. 62636
Vlasov, A.I. Measurement transducer incorporating correction for the temperature error of a capacitive sensor 79390
Vlasov, A.N., Cherepenin, V.A., Kornienko, V.N. Efficiency improvement in relativistic Cerenkov devices due to dynamic cyclotron resonance 105054
Vlasov, A.N., Kornienko, V.N., Cherepenin, V.A. Dynamic cyclotron resonance in relativistic microwave devices with linear electron beams 62594
Vlasov, A.N. *see* Levush, B. 105079
Vlasov, A.N. *see* Miller, S.M. 105071
Vlasov, D.V., Dumarevsky, Yu.D., Ivashkin, P.I., Kazaryan, M.A., Medvedeva, L.V., Petrovicheva, G.A., Prokhorov, A.M., Chvykov, V.V. An optical system for laser reproduction of television images 100208
Vlasov, E. *see* Alvsvaag, S.J. 90124
Vlasov, K.B. *see* Tarasov, B.V. 106554
Vlasov, N.G., Kalenkov, S.G., Sazhin, A.V. Solution of the phase problem by means of the modified method of phase steps 67402
Vlasov, S.N., Talanov, V.I. The parabolic equation in the theory of wave propagation 65794
Vlasov, V.I. *see* Fedorenko, V.V. 67205
Vlasov, Yu.G. *see* Di Natale, C. 69069
Vlasschaert, T. *see* Hashemi, H. 65860
Vlassis, M., McPhedran, R.C., Nicorovici, N. Radiation modes of multiple core fibres 95673
Vlassis, M., McPhedran, R.C., Nicorovici, N., Lo, K.M. Radiation modes of multiple core fibres 75489
Vlastos, A.E. *see* Blennow, J.H.M. 102649
Vlastos, A.E. *see* Sorqvist, T. 102216
Vlastos, A.E. *see* Sorqvist, T. 121208
Vlatkovic, D., Sipicki, M., Torda, I. Software package for the operational administration and maintenance for the digital telephone exchange 99011
Vlatkovic, D. *see* Popovic, M. 99008
Vlatkovic, V., Schutten, M.J., Steigerwald, R.L. Auxiliary series resonant converter: a new converter for high-voltage, high-power applications 71441
Vlatkovic, V. *see* Elasser, A. 115184
Vlcek, K., Popelek, J. Analog hardware description language and its relations to VHDL 104275
Vldakovic, D., Berenson, S.B., Carter, G.S. Empowering mathematics and science teachers with alternative assessment 92064
Vleck, E.S.Van *see* Van Vleck, E.S.
Vleeschauwer, D.De *see* De Vleeschauwer, D.
Vleeschouwer, C.De *see* De Vleeschouwer, C.
Vleggaar, J.J.M. *see* Blom, P.W.M. 75380
Vlek, T., Vohringer, C. Advances in widescreen television receivers 119396
Vleru, S. *see* Syrbu, A.V. 76041
Vleuten, R.J.Van Der *see* Van Der Vleuten, R.J.
Vleuten, W.van ver *see* van ver Vleuten, W.
Vliegen, J.H.R. *see* Keunen, R.W.M. 80204
Vlieks, A.E. *see* Hanna, S.M. 89716
Vlieks, A.E. *see* Tantawi, S.G. 89917
Vlieks, A.E. *see* Tantawi, S.G. 100485
Vlieks, A.E. *see* Tantawi, S.G. 100486
Vlieks, A.E. *see* Wang, J.W. 89650
Vlies, M.C.van der *see* van der Vlies, M.C.
Vliet, C.M.Van *see* Van Vliet, C.M.
Vliet, F.E.Van *see* Van Vliet, F.E.
Vlist, A.van der *see* van der Vlist, A.
Vlogaert, J. *see* Bona, M. 120035
Vlot, M. *see* Akiwumi-Assani, O. 98933
Vlugt, M.van der *see* van der Vlugt, M.
Vo, C. *see* Arnoldusse, T.C. 115658
Vo, I. *see* Sanchez, H. 73466
Vo, N.Van *see* Van Vo, N.
Vo, T. *see* Yap, A. 79762
Vo Van Tuyen *see* Dozsa, L. 115151
Vobecky, J., Hazdra, P. Future trends in local lifetime control [power semiconductor devices] 105572
Vobian, J., Herchenroder, G., Boness, R. Chromatic dispersion measurements–new challenges, new approaches 64707
Vobian, J. *see* Boness, R. 64708
Vobian, J. *see* Ives, D.J. 64682
Vobly, P. *see* Rojak, M. 85799
Vobly, P.D. *see* Vinokurov, N.A. 96552
Voci, C. *see* De Giorgi, M. 120221
Vocking, B. *see* Cypher, R. 98508
Vodakov, Y.A. *see* Mokhov, E.N. 104046
Vodakov, Yu.A. *see* Hofmann, D. 104136
Vodchitz, A.I., Kozich, V.P., Apanasevich, P.A., Orlovich, V.A. Correlations between the intensities of pump, depleted pump and Stokes waves in superbroadband stimulated Raman scattering 65473
Vodel, W. *see* Diekmann, V. 70001
Vodhanel, R.S., Shehadeh, F., Chiao, J.-C., Chang, G.-K., Gibbons, C., Suzaki, T. Performance of an 8-wavelength 8-node WDM ring network experiment with 80 Gb/s capacity 88651
Vodhanel, R.S. *see* Khrais, N.N. 88655
Vodhanel, R.S. *see* Shehadeh, F. 75849
Vodicka, V., Blanck, D. Killingholme refit reduces plume formation 111798
Vodjdani, N., Ratovelomanana, F., Enard, A., Blondeau, R., Glastre, G., Rondi, D., Jorgensen, C., Durhuus, T., Danielsen, S.L., Stubkjaer, K.E., Jourdan, A. Integrated optics interferometric devices with semiconductor optical amplifiers for wavelength conversion 68419
Vodjdani, N. *see* Berger, V. 85083
Vodjdani, N. *see* Fiore, A. 107557
Vodjdani, N. *see* Haes, J. 76540
Vodjdani, N. *see* Joergensen, C. 99458
Vodjdani, N. *see* Jourdan, A. 88603
Vodjdani, N. *see* Masetti, F. 78317
Vodjdani, N. *see* Ratovelomanana, F. 78778
Vodopianov, E. MATRESHKA–high intensity accelerator of continuous particle beams 89590
Vodopianov, F.A. Ultrarelativistic klystron-a future super power UHF generator 100475
Vodopianov, S. *see* Badura, E. 120203
Vodopivec, A., Kunc, V. Latchup and breakdown analysis of IC layout 62076
Vodop'yanov, L.K. *see* Kucherenko, I.V. 62888
Vodop'yanov, L.K. *see* Vinogradov, V.S. 105321
Vodopyanov, V.K., Smyslova, A.K. Means for recursive image processing 77231
Vodyannikov, V.V. *see* Ashmanets, V.I. 65826
Voegele, K., Weingartner, K. SLINKY: a URL server 87734
Voehringer, U. *see* Baier, S. 119566
Voelckel, H. *see* Hollemann, G. 107165
Voelker, R.H. *see* Sentelle, C.G. 93227
Voelkert, R. *see* Baehr, J. 69755
Voelskow, M. *see* Pacaud, Y. 105591
Voelskow, M. *see* Weishart, H. 94713
Voelz, D.G. Principles and applications of unconventional laser imaging 76316
Voevodin, A.A., Capano, M.A., Safriet, A.J., Donley, M.S., Zabinski, J.S. Combined magnetron sputtering and pulsed laser deposition of carbides and diamond-like carbon films 82722
Voevodin, A.A., Walck, S.D., Solomon, J.S., John, P.J., Ingram, D.C., Donley, M.S., Zabinski, J.S. Structure and properties of diamondlike carbon films produced by pulsed laser deposition 92807
Vogel, A., Carlegrim, B., Pettersson, L. Experimental study of tapered slot antenna properties in arrays 66143
Vogel, A. *see* Kerherve, B. 118587
Vogel, C.R. Non-convergence of the L-curve regularization parameter selection method 92627
Vogel, D., Harrer, S. DGPS emergency location system for vehicles 88767
Vogel, D., Schubert, A., Faust, W., Dudek, R., Michel, B. MicroDAC: A novel approach to measure in situ deformation fields of microscopic scale 112952
Vogel, E. *see* Morfouli, P. 94968
Vogel, E.M., Hill, W.L., Misra, V., McLarty, P.K., Wortman, J.J., Hauser, J.R., Morfouli, P., Ghibaudo, G., Ouisse, T. Mobility behaviour of n-channel and p-channel MOSFETs with oxynitride gate dielectrics formed by low-pressure rapid thermal chemical vapor deposition 63658
Vogel, E.M. *see* Morfouli, P. 94960
Vogel, E.M. *see* Poudyal, V. 89527
Vogel, F. *see* Anokhin, A.P. 110823
Vogel, H. *see* Bartschi, R. 119380
Vogel, K. Micro port saver: a novel E^{2}PROM 104558

Vogel, K. *see* Beister, G. 65175
Vogel, K. *see* Erbert, G. 96313
Vogel, K. *see* Ressel, P. 114813
Vogel, K. *see* Strusny, H. 94709
Vogel, M.H. Decision Tool for optimal deployment of radar systems 80731
Vogel, M.L. *see* Bindi, T.D. 68983
Vogel, P. *see* Battig, R. 88471
Vogel, P. *see* Marxer, C. 85084
Vogel, P. *see* Masetti, F. 78317
Vogel, R., Herrtwich, R.G., Kalfa, W., Wittig, H., Wolf, L.C. QoS-based routing of multimedia streams in computer networks 109204
Vogel, S. Measuring dense WDM systems 119171
Vogel, S.D. Design and measurements of a novel subharmonically pumped millimeter-wave mixer using two single planar Schottky-barrier diodes 73738
Vogel, U. *see* Peters, R.-W. 119531
Vogel, W.J. *see* Akturan, R. 116886
Vogel, W.J. *see* Jeng, S.S. 99166
Vogelaar, R.B., Benziger, J., Calaprice, F.P., Darnton, N. Removal of cosmogenic ^{7}Be from scintillators 69831
Vogele, B. *see* Hamilton, C.J. 96711
Vogeler, T. *see* Tabiryan, N.V. 96629
Vogeli, B. *see* Sutter, P. 113320
Vogelmann, J.E., Howard, S.M., Sohl, T. Regional land cover characterization using multiple sources of intermediate-scale data 120892
Vogelsang, I. *see* Mitchell, B. 77824
Vogelsang, T. *see* Hofmann, F. 63673
Voggenreiter, O. *see* Gladigau, J. 92274
Vogl, P. *see* Nagasawa, H. 63562
Vogl, P. *see* Reigrotzki, M. 114604
Vogl, T.J. *see* Maurer, J. 80351
Vogt, A. *see* Horn, J. 62813
Vogt, C. *see* Bahr, D. 89243
Vogt, E. *see* Denk, H. 99149
Vogt, F., Vogt, H., Brucker, J., Zimmermann, C., Richter, F. An intelligent vertical trench DMOS on SIMOX-substrate 106211
Vogt, H. *see* Bottcher, S. 106215
Vogt, H. *see* Gerke, M. 110764
Vogt, H. *see* Papp, A. 113043
Vogt, H. *see* Vogt, F. 106211
Vogt, J. *see* Krause, H. 94682
Vogt, J.M. *see* Cuddapah, R. 101028
Vogt, L., Brookshire, D., Lottholz, S., Zwiehoff, G. A two-chip digital car radio 78367
Vogt, M., Schulz, V. A hybrid FEM-BEM approach for the characterization of uniform transmission lines and waveguides 65917
Vogt, M.W. *see* Chartier, V.L. 91195
Vogt, M.W.P.E., Boehning, D.E. Predesigned steel pole use on 69 kV lines with distribution underbuild 70887
Vogt, R.C. *see* Edandson, E.J. 66882
Vogt, T.J., Thiagarajan, P., Robinson, G.Y. Molecular beam epitaxy growth of InGaP multiple quantum well structures on GaP for optical modulators 85100
Vogt, T.J. *see* Kim, J.W. 63014
Vogt, W. *see* Hunziker, W. 119214
Vogt, W. *see* Kyburz, R. 109314
Vohnsen, B., Bozhevolnyi, S.I. Optimization of the shear force technique for near-field microscopy 79471
Vohra, Y.K. *see* Hong Hua 115586
Vohra, Y.K. *see* Jun Liu 79286
Vohringer, C. *see* Vlek, T. 119396
Voicheci, D. *see* Niculescu, N. 102419
Voicu, I. *see* Alexandrescu, R. 72949
Voicu, M. *see* Marcu, T. 72324
Voicu, N., Iordache, M. Thermal resistances asynchronous motor modelling 71326
Voicu, N., Iordache, M. The simulation of the three-phase asynchronous motor stator heating with short-circuit rotor in the starting period 121488
Voignier, P. *see* Szafnicki, K. 110004
Voigt, C. *see* Faschingbauer, U. 110557
Voigt, G. *see* Hengel, K. 60672
Voigt, H.-M., Muhlenbein, H., Sehlierkamp-Voosen, D. The response to selection equation for skew fitness distributions 92565
Voigt, J.A., Boyle, T.J., Doughty, D.H., Hernandez, B.A., Johnson, B.J., Levy, S.C., Tafoya, C.J., Rosay, M. Solution synthesis and characterization of lithium manganese oxide cathode materials 112284
Voigt, J.A. *see* Tuttle, B.A. 106400
Voigt, M.J.A.de *see* de Voigt, M.J.A.
Voigt, P., Hartmann, J., Reichling, M. Thermal wave imaging of electrically heated microstructures 106111
Voigtlander, B., Weber, T. Nucleation and growth of Si/Si(111) observed by scanning tunneling microscopy during epitaxy 113388
Voigtlander, B., Zinner, A. Structure of the Stranski-Krastanov layer in surfactant-mediated Sb/Ge/Si(111) epitaxy 72823
Voigtlander, B., Zinner, A., Weber, T. High temperature scanning tunneling microscopy during molecular beam epitaxy 92692
Voigtsberger, K. *see* Stenzel, O. 75391
Voillot, F. *see* Ressier, L. 74369
Voinigescu, S. *see* Walkey, D.J. 63622
Voinov, M.A. *see* Bosamykin, V.S. 100797
Voisin, L. *see* Eyharts, Ph. 89740
Voisin, P. *see* Couturier, J. 65515
Voisin, P. *see* Tignon, J. 63034
Voissem, J. *see* Alhayek, I. 95319
Voisset, M. *see* Augustin, J.M. 111249
Voitenko, A.I. *see* Gabovich, A.M. 114844
Voitikov, S.V., Gribkovskii, V.P., Kumin, A.N., Ryabtsev, G.I., Soukieh, M. Auger and SHR recombinations influence on laser diode output dynamics 107234
Voitko, Y.N., Yakornov, E.A. Use of broadband four-detector phase-measuring circuits as gauges of carrier frequency of radio signals 118794
Voitovich, A.P., Kul'minskii, A.M., Severikov, V.N. Nonlinear dynamics of laser systems at intracavity modulation of polarization 65047
Voitovich, R.A. *see* Kadomskaja, K.P. 81092
Voivenel, P. *see* Ihlal, A. 94462
Vojcic, B. *see* Vanghi, V. 109448
Vojcic, B.R., Milstein, L.B., Pickholtz, R.L. Downlink DS CDMA performance over a mobile satellite channel 99232
Vojdani, A. *see* Cauley, G. 91076
Vojdani, A. *see* Sullivan, M.J. 70734
Vojdani, A. *see* Weber, E. 102001
Vojdani, A.F., Williams, R.D., Gambel, W., Li, W., Eng, L., Suddeth, B.N. Experience with application of reliability and value of service analysis in system planning 102005
Vojir, W., Wedgwood, J. The adaptive multiprocessing system (AMPS) 93415
Vojnovic, B. *see* Rogina, B.M. 61832
Vojnovic, B. *see* Rojas, A. 90588
Vojta, A., Qingzhe Wen, Clarke, D.R. Influence of microstructural disorder on the current transport behavior of varistor ceramics 104886
Vojtovich, I.D. *see* Lebedeva, T.S. 95490
Vojtovich, I.D. *see* Sosnitsky, V.N. 95492
Vojtyla, P. Influence of shield parameters on cosmic-muon induced backgrounds of Ge γ-spectrometers 90252
Vojtyla, P. Fast computer simulations of background of low-level Ge γ-spectrometers induced by ^{210}Pb/^{210}Bi in shielding lead 110636
Vokas, G.A. *see* Papathanassiou, S.A. 71480
Vokurka, V.J. *see* Schepers, J.A.P. 68647
Vokurka, V.J. *see* van de Griendt, M.A.J. 66025
Vol, E.D., Omel'yanchuk, A.N. Current-controlled multiterminal SQUID under transient conditions 106696
Volakis, J. *see* Chatterjee, A. 107867
Volakis, J.L. *see* Chatterjee, A. 116840
Volakis, J.L. *see* Gong, J. 83351
Volakis, J.L. *see* Kingsland, D.M. 85928
Volakis, J.L. *see* Legault, S.R. 97035
Volakis, J.L. *see* Ozdemir, T. 85993
Volakis, J.L. *see* Ross, D.C. 99655
Volakis, J.L. *see* Syed, H.H. 85825
Volanschi, A., Olthuis, W., Bergveld, P. Gas bubbles electrolytically generated at microcavity electrodes used for the measurement of the dynamic surface tension in liquids 84621
Volanth, A.J. *see* Miller, D.L. 70425
Volanthen, M., Geiger, H., Cole, M.J., Dakin, J.P. Measurement of arbitrary strain profiles within fibre gratings 69231
Volanthen, M., Geiger, H., Xu, M.G., Dakin, J.P. Simultaneous monitoring of multiple fibre gratings with a single acousto-optic tunable filter 79511
Volaufova, J. The empirical linear predictor and its MSE 92393
Volchenskaya, T.V. *see* Knyaz'kov, V.S. 67330
Volchkova, G.N. *see* Lavrov, A.V. 107089
Volchukov, N.P. Mathematical model of autonomous electromachine valve d.a.c. system 91424
Vold, C.L. *see* DeSisto, W.J. 64518
Volder, A.De *see* De Volder, A.
Voldman, S.H. *see* Gross, V.P. 112944
Volegov, P.L. *see* Konovalov, A.B. 70010
Volegov, V.V. *see* Shur, V.Ya. 95265
Volery, F. *see* Rao, S. 78300
Voles, R. *see* Griffiths, H.D. 68714
Volf, J. Pattern recognition of tactile images by discriminatory analysis exploitation 97950
Volf, P. Methods of regression diagnostics for hazard-based models 92403
Volfberg, D.B. *see* Vinitsky, M.M. 80840
Volfbeyn, P., Mastovsky, I., Bekefi, G., Wilson, I., Wuensch, W. Experimental studies of a CERN-CLIC 32.98 GHz high gradient accelerating structure driven by the MIT free electron laser amplifier 85542
Volfbeyn, P. *see* Bekefi, G. 110477
Volfkovich, Y.M. *see* Bagotzky, V.S. 112185
Volgenant, A. An addendum to the most vital edges of matching in a bipartite graph 60871
Volgenant, A. *see* Duin, C.W. 72500
Volgin, L.I. Comparator selector of the amplitude and time coordinates of the intersections of two processes 73585
Volgin, L.N. Diophantine solution of Wiener's problem 117463
Volin, Yu.M., Ostrovskii, G.M. Optimization of engineering processes under conditions of partial uncertainty of source information 82492
Voliotis, V. *see* Chamarro, M.A. 74229
Volk, C.H. *see* Martin, G.J. 79304
Volk, M., Lutgen, S., Marschner, T., Stolz, W., Gobel, E.O., Christianen, P.C.M., Maan, J.C. Magnetooptical investigations of symmetrically strained (GaIn)As/Ga(PAs) multiple quantum well structures 63043
Volk, M. *see* Marschner, T. 61299
Volk, M. *see* Marschner, T. 114759
Volk, T.R., Razumovski, N.V., Mamaev, A.V., Rubinina, N.M. Hologram recording in Zn-doped LiNbO$_3$ crystals 96777
Volkel, R. *see* Berger, C. 85227
Volkel, R. *see* Collings, N. 75635
Volken, W., Schwab, P., Neuenschwander, H., Kropf, P.G. Parallelizing a powerful Monte Carlo method for electron beam dose calculations 90596
Volker, F. *see* Blas, F. 79935
Volker, H. *see* Klotz, F. 121737
Volkl, J. *see* Holzlein, K. 105595
Volkl, J. *see* Rupp, R. 103994
Volkl, J. *see* Stein, R.A. 105586
Volklein, F. Review of the thermoelectric efficiency of bulk and thin-film materials 84642
Volkmann, G. *see* Kummel, S. 118343
Volkmann, T.L. *see* Adibi, M.M. 91343
Volkmann, T.L. *see* Adibi, M.M. 101939
Volkov, A.A. New methods of constructing communications systems with frequency division of the channels 76706
Volkov, A.A. *see* Antipov, Yu.M. 69794
Volkov, A.B., Zaitsev, N.I., Kol'chugin, B.D., Kuzikov, S.V. Mutual coherence of microwaves from amplifiers with explosive-emission injectors of relativistic electrons 114538
Volkov, A.B. *see* Bratman, V.L. 96081
Volkov, A.B. *see* Bratman, V.L. 107030
Volkov, A.B. *see* Peskov, N.Yu. 96083
Volkov, A.F., Takayanagi, H. Effect of gate voltage on critical current in controllable superconductor-normal-metal-superconduct Josephson junctions 84892
Volkov, A.Yu., Bush, A.A. Multilayered high-temperature superconducting materials as possible base for cryogenic switching elements 106679
Volkov, E.I., Romanov, V.A. Bifurcations in a system of two identical diffusion-coupled relaxational Brusselators 82995
Volkov, E.P., Zhogin, D.Yu., Petrov, M.S., Potapov, O.P., Stelmakh, G.P. The outlook for the development of fluid fuel production from oil shales in northwest Russia 102353
Volkov, I.V. *see* Zavtrak, S.T. 111368
Volkov, L.V., Lyubchenko, V.E., Tikhomirov, S.A. Array of antenna-coupled Schottky barrier diodes for millimeter wave imaging in real-time 73704
Volkov, P. Noise in position measurement by centroid calculation 69774
Volkov, P. *see* Artiges, J.C. 90128
Volkov, P. *see* Artiges, J.C. 100960
Volkov, R.A., Dyakov, I.V. Tunnel electron current induction in n^{+}-I-M structures 74490
Volkov, S.A. *see* Autiero, D. 69815
Volkov, S.A. *see* Autiero, D. 80006
Volkov, V.A., Feiginov, M.N. The dynamic response of the semiconductor tunneling structures: effect of tunneling junction plasmons 62835
Volkov, V.A., Takhtamirov, E.E. One-band effective-mass approximation for smooth heterojunctions 62834
Volkov, V.G., Gurvich-Makarov, V.D. Analog image corrector in low-level television observation devices 99890
Volkov, V.G., Koshchavtsev, N.F. Technique for calculating the range of low-level television optoelectronic observation devices 95810
Volkov, V.I. *see* Maloletov, S.M. 96818
Volkov, V.V. *see* Aleksandrovskii, A.L. 85579
Volkov, V.Y., Kostyaev, V.V. Filtering of stochastic optical radiation intensity 66949
Volkov, V.Ya. *see* Baldin, A.M. 90061
Volkov, V.Yu. Recursion filtering of Markovian random sequences in the naturally conjugate class of distributions 117407
Volkov, Yu.P. *see* Baiburin, V.B. 110079
Volkova, E.A., Makarov, A.A., Makarova, A.S., Savin, V.I. The technical-economic and investment policy for the power sector within the framework of the energy strategy of Russia 101812
Volkovich, A.G. *see* Ivanov, O.P. 92995
Volkovich, A.G. *see* Sudarkin, A.N. 100973
Volkovich, A.G. *see* Sudarkin, A.N. 101040
Volkovich, G., Ivanov, O.P., Stepanov, V.E., Sudarkin, A.N., Urutskoev, L.I. Application of a gamma viewer for examining reactors 80159
Volkovskii, A.R., Kozlov, A.K., Shalfeev, V.D. Synchronous chaotic response and data transmission in experiments with a tunnel diode oscillator 61678
Volkow, N.D. *see* Gene-Jack Wang 90291
Volksen, W. *see* Miller, R.D. 85642
Volksen, W. *see* Moylan, C.R. 64782
Volksen, W. *see* Stoffel, N.C. 60617
Voll, R.W. *see* Wolfgang, R.J. 81275
Vollaire, C., Nicolas, L., Nicolas, A. Finite elements and absorbing boundary conditions for scattering problems on a parallel distributed memory computer 107866
Volland, H. Telemetry: an everyday challenge 110035
Vollath, U. *see* Landau, H. 79046
Vollertsen, R.-P., Abadeer, W.W. Modelling considerations and development of upper limits of stress conditions for dielectric breakdown projections 95252

Vollertsen, R.-P., Abadeer, W.W. Comprehensive gate-oxide reliability evaluation for DRAM processes 113953
Vollertsen, R.-P. *see* Abadeer, W.W. 115228
Vollmar, H.-P., Bobey, K., List, M. Compact remote sensing system DIM–measurement of traffic-induced air pollution 70520
Vollmar, S. *see* Gorbunov, A.A. 92917
Vollmar, S. *see* Panzner, M. 92916
Vollmerhausen, R.H. *see* Bui, T.H. 90706
Vollrath, G. *see* Daleiden, J. 65232
Volm, D. *see* Drechsler, M. 74372
Volman, V. Wide band flat antenna for mobile microwave terminals 85964
Volodin, B.L. *see* Peyghambarian, N. 106743
Volodin, B.L. *see* Sandalphon 64602
Volodin, V.D. *see* Aksinenko, V.D. 69852
Volokhov, I.V., Kozin, S.A., Chuvashov, V.N. Experience in the development of the design and manufacturing process of the integrated sensitive element of a gas analyser 89187
Volokhov, I.V. *see* Zelentsov, Yu.A. 89014
Volonte, S. *see* Mandolesi, N. 109844
Voloshin, O.I., Tsaliev, T.A. Investigation of frequency properties of the Fresnel antenna 85954
Voloshin, S.A. Stability of implicit schemes on nonuniform grids 82541
Voloshinov, V. *see* Balakshy, V. 106889
Voloshynovskiy, S. *see* Grytskiv, Z. 86907
Volosov, V.V., Odintsova, Ye.A. Investigating the convergence of state observers in multidimensional dynamic systems 61005
Volosovich, A.E., Konopaltseva, L.I., Bulanov, A.A., Prikhodko, S.P., Sytchova, N.P. Technology of neural networks development in expert environment 85180
Volosovich, A.E., Konopaltseva, L.I., Prikhodko, S.P., Sytchova, N.P. Technology of optoelectronic integrated circuit development in expert environment on the basis of neural networks 85327
Volosovich, A.E., Taturevich, I.I., Kutuzov, P.F. Some peculiarities of development of optical discrete devices for data processing in expert medium 85184
Volosovich, A.E. *see* Krasilenko, V.G. 85183
Volostnikov, V. *see* Naumov, A. 110112
Volostnikov, V.G. *see* Belopukhov, V.N. 119632
Volotinen, T.T., Gebizlioglu, O.S. Mechanical behavior of coated fused silica optical fibers aged at elevated temperature in air and filling compound 84974
Volov, A.N. *see* Gribok, A.V. 71045
Volovichev, I.N. *see* Gurevich, Yu.G. 114716
Volpe, A. *see* Capaldo, G. 103376
Volpiliere, J. *see* Cai, G.G. 101456
Volpini, G. *see* Acerbi, E. 95534
Volpini, G. *see* Ambrosio, G. 75373
Volsky, S.I. *see* Chuev, V.I. 122053
Volsky, S.I. *see* Uan-Zo-Li, A.B. 121689
Volta, E., Vernazza, T., Grosso, S., Ardemagni, C. Analysis of collected data for motorway traffic monitoring and control 99869
Volterra, V. *see* Gheber, L.A. 83981
Voltr, J. *see* Kral, J. 100385
Vol'vach, A.P., Komar, G.I., Shestopalov, V.P. Image slot radiator as an exciter of a parabolic reflector 108038
Volyar, A.V., Fadeeva, T.A. Vortex nature of optical fiber modes. I. Structure of the natural modes 75424
Volyar, A.V., Fadeeva, T.A. Vortex nature of optical fiber modes. II. Distribution of optical vortices 75425
Volyar, A.V., Groshenko, N.A., Fadeeva, T.A., Modnikova, E.A. Diffraction catastrophes of the field of a multimode fiber. I. The Whitney cusp and interference bifurcations 116032
Volynsky, V.A., Marra, J., Knudson, C. Estimation of some characteristics of ocean waters using optical data (Case I) 111241
Volz, K. *see* Lindner, J.K.N. 105568
vom Hedt, B. *see* Noetzel, R. 75328
von Altrock, C., Beierke, S. Fuzzy logic enhanced control of an AC induction motor with a DSP 121486
von Altrock, C., Beierke, S., Konigbauer, R., Krause, B. Design of control systems for induction motors, using digital signal processors in combination with fuzzy logic 81461
von Alvensleben, F. *see* Haferkamp, H. 107651
von Alvensleben, F. *see* Henking, R. 61384
Von Ammon, W. *see* Dornberger, E. 61147
Von Arx, C., Feudel, T., Ryter, R., Strecker, N., Zingg, R.P., Fichtner, W. Optimization of junction-isolated vertical npn and pnp BJTs in a modular BiCMOS smart-power process 63593
Von Arx, J.A. *see* Ziaie, B. 110926
von Arx, M., Paul, O., Baltes, H. Test structures to measure the Seebeck coefficient of CMOS IC polysilicon 115339
von Ballmoos, P. *see* Naya, J.E. 69895
von Bardeleben, H.J. *see* Cantin, J.L. 94259
von Bardeleben, H.J. *see* Cantin, J.L. 94305
von Bardeleben, H.J. *see* Morazzani, V. 94249
von Bardeleben, H.J. *see* Schoisswohl, M. 94440
Von Bibra, M.L. *see* Roberts, A. 95723
von Blanckenhagen, P. *see* Moser, H.O. 79772
von Bochmann, G. *see* Hafid, A. 109242
von Bochmann, G. *see* Tan, Q.M. 98358
von Bohm, H. Modern steam power plants for the international marketplace 91347
von Borany, J., Schmidt, B., Groetzschel, R. The application of high energy ion implantation for silicon radiation detectors 110580
Von Borczyskowski, C. *see* Stenzel, O. 75391
von Braunmuhl, W. 'New products' of the energy economy on trial 70814
Von Brixy, H., Kakuta, T. Noise thermometer 79750
von Bulow, H. *see* Schellhorn, M. 116352
von der Malsburg, C. *see* Maurer, T. 117893
von der Malsburg, C. *see* Potszch, M. 77246
von der Malsburg, C. *see* Triesch, J. 117892
von der Weid, J.P., Mussi, G., Troger, J., Gisin, N. OFDR measurements of insertion and return losses of integrated optic devices 64787
von der Weid, J.P., Passy, R. Delayed self homodyne measurements of AM and FM response of modulated multisection diode lasers 96393
von der Weid, J.P. *see* da Silva, J.A.P. 95773
von der Weid, J.P. *see* Mussi, G. 69528
von der Weid, J.P. *see* Passy, R. 99592
von der Weld, J.P. *see* Saavedra, A.A. 96418
von Egidy, T. *see* Niestroj, A. 80008
von Gersum, S., Roth, P. Oxidation of fullerene C_{60} behind shock waves: tunable diode laser measurements of CO and CO_2 69559
von Gunten, A. *see* Fransson, M. 102387
Von Gutfeld, R.J., Vigliotti, D.R., Wells, O.C., Khanna, V.D., O'Sullivan, E.J. Maskless laser patterning of insulating films from salt solutions 61315
von Hahn, R. *see* Kleffner, C.-M. 89724
von Harrach, D. *see* Drescher, P. 105007
von Hartrott, M. *see* Schirmer, D. 100709
von Helmolt, C. *see* Kruger, U. 68462
Von Helmolt, C.H., Kruger, U., Kruger, K., Kuller, L. 58-GHz fiber-optic upconverter applicable to wireless communication systems 78823
Von Helmolt, C.H., Kruger, U., Kruger, K., Kuller, L. 58 GHz fibre optic upconverter 78873
von Helmolt, C.H. *see* Braun, R.P. 88236
Von Hinuber, E. Inertial gyro measuring system for high precision acceleration sensing 99930
von Holtey, G. Interaction regions [LEP2] 69657
von Holtey, G. *see* Brunner, O. 79953
von Jouanne, A., Enjeti, P. Design considerations for an inverter output filter to mitigate the effects of long motor leads in ASD applications 71751
von Jouanne, A., Enjeti, P., Gray, W. Application issues for PWM adjustable speed AC motor drives 103086
von Jouanne, A., Rendusara, D.A., Enjeti, P.N., Gray, J.W. Filtering techniques to minimize the effect of long motor leads on PWM inverter-fed AC motor drive systems 103074
Von Kaenel, H. *see* Sutter, P. 61215
Von Kaenel, V., Aebischer, D., Piguet, C., Dijkstra, E. A 320 MHz, 1.5 mW at 1.35 V CMOS PLL for microprocessor clock generation 73422
von Kaenel, V. *see* Pardoen, M. 78366
von Kamienski, E.Stein *see* Stein von Kamienski, E.
von Kanel, H. *see* Schwarz, C. 79411
von Kanel, H. *see* Sirringhaus, H. 83987
von Kanel, H. *see* Sutter, P. 113320
von Klitzing, K. *see* Blick, R.H. 105408
von Klitzing, K. *see* Ernst, G. 75727
von Klitzing, K. *see* Fischer, C.M. 105524
von Klitzing, K. *see* Haug, R.J. 62873
von Klitzing, K. *see* Kukushkin, I.V. 74339
von Klitzing, K. *see* Kukushkin, I.V. 105251
von Klitzing, K. *see* Lutjering, G. 105420
von Klitzing, K. *see* Lutjering, G. 105431
von Klitzing, K. *see* Manolescu, A. 105282
von Klitzing, K. *see* Nash, G.R. 105419
Von Klitzing, K. *see* Schmidt, T. 62952
Von Klitzing, K. *see* Smet, J.H. 105235
von Klitzing, K. *see* Tornow, M. 74452
Von Klitzing, K. *see* Ye, P.D. 105261
von Lienhard, H. Efficiency–the better way: new prospects for heat and power generation with minimum impact on the environment 91327
Von Lukas, U. *see* Bonigk, J. 118578
Von Mohrenfels, T.W. *see* Hauenschild, J. 73571
Von Mollendorff, U. *see* Hofmann, I. 69647
von Molnar, S. *see* Terry, I. 74232
von Munch, W. *see* Reuther, H.M. 63989
von Nagy-Felsobuki, E.I. *see* Hsu, Y.T. 110621
von Ortenberg, M. *see* Herlach, F. 96967
Von Ortenberg, M. *see* Lu, W. 62715
von Ortenberg, M. *see* Parthier, L. 74170
von Ortenberg, M. *see* Puhlmann, N. 79664
Von Ortenberg, M. *see* Schikora, D. 61233
von Ortenberg, M. *see* Schikora, D. 72789
von Ortenberg, M. *see* Widmer, T. 61186
Von Parpart, J. Residual carriers and phase stability for vision modulators 117143
von Philipsborn, H. *see* Bock, J. 84566
Von Plessen, G. *see* Bastian, G. 83940
von Plessen, G. *see* Feldmann, J. 62864
von Przewoski, B. *see* Caussyn, D.D. 119984
von Przewoski, B. *see* Crandell, D.A. 100780
von Przewoski, B. *see* Phelps, R.A. 119990
von Przewoski, B. *see* Wise, T. 120082
Von Ramm, O.T. *see* Phillips, P.J. 120401
Von Reden, K.F. *see* Leitch, M.J. 90240
von Reyn, T. *see* Giacalone, G. 73368
Von Richter, P. *see* Fenimore, D.L. 107592
Von Roden, T. H.261 and MPEG1–a comparison 108505
von Rosenvinge, T.T. *see* Allbritton, G.L. 80079
von Rosenvinge, T.T. *see* Allbritton, G.L. 100826
Von Rossen, P. *see* Albers, D. 69756
Von Sachs, R., Schneider, K. Wavelet smoothing of evolutionary spectra by nonlinear thresholding 99348
von Sacken, U. *see* Mao, H. 81679
Von Schickfus, M., Becker, H., Rupp, C., Hunklinger, S. SAW gas sensing using reflectors and multistrip couplers 106460
von Schickfus, M. *see* Becker, H. 84746
von Schomberg, R. Democratising the policy process on the deliberate release of genetically modified organisms 92048
von Schomberg, R. *see* Levidow, L. 101046
von Schulthess, G.K. *see* Debatin, J.F. 80348
Von Schulthess, G.K. *see* McKinnon, G.C. 80349
von Seggern, H. *see* Kragler, K. 63511
von Siebenthal, K. *see* Wolf, M. 120267
von Specht, H. *see* Muhler, R. 70104
von Specht, H. *see* Piater, J. 70103
Von Stein, O., Sherman, J. Odd order MESFET multipliers with broadband, efficient, low spurious response 83378
von Truchsess, M., Latussek, V., Becker, C.R., Batke, E. Temperature dependent investigation of the HgTe/CdTe valence band offset 74409
von Wichert, G. Self-organizing visual perception for mobile robot navigation 117798
von Winterfeldt, D., Trauger, T. Managing electromagnetic fields from residential electrode grounding systems: a predecision analysis 70283
Von Witsch, W. *see* Chen, Y.K. 69865
Von York, E. *see* Rosenthal, J. 66306
Von York, E. *see* Rosenthall, J. 66309
von Zahn, U. *see* Alpers, M. 70475
von Zanthier, C. *see* Brauninger, H. 90702
Voncina, D., Nastran, J., Cajhen, R., Nedeljkovic, D. Active power filter for the reduction of the harmonic distortion and fundamental reactive power with improved dynamic response 91031
Voncina, D. *see* Suhodolcan, U. 90939
Vonder-Haar, T. *see* Bin Tian 120787
Vonesh, M.J. *see* Chandran, K.B. 80202
Vong, M.S.W., Sermon, P.A., Sun, Y., Spriggs, D. Sol-gel processing of zirconia high-index coatings 85553
Vong, M.S.W. *see* Sermon, P.A. 85245
Vong, M.S.W. *see* Spriggs, D.M. 107473
Vonk, E., Veelenturf, L.P.J., Jain, L.C. Neural networks: implementations and applications 83285
Vonk, H. *see* Rongen, R.T.H. 105350
Vonk, H. *see* Vreeburg, C.G.M. 103953
Vonka, P. *see* Leitner, J. 113308
Vonlanthen, W. Lightning protection measures for a large flight safety installation 80590
Vonwald, P., Kabbaj, H., Fadel, M., de Fornel, B. Position control of a synchronous drive fed by a ZVS PWM inverter, using state control and load torque observation 91823
vonWitsch, W. *see* Szymanski, J.J. 110589
Voo, T., Toumazou, C. Efficient tunable continuous-time integrated current-mode filter designs 104689
Voo Thart Fah *see* Thart Fah Voo
Voogel, M. *see* Fawcett, B. 113856
Vooght, A.E. *see* Batchelor, A. 88776
Voois, P.A. A theorem on the asymptotic eigenvalue distribution of Toeplitz-block-Toeplitz matrices 77043
Voon, L.C.Lew Yan *see* Lew Yan Voon, L.C.
Voorde, I.van de *see* van de Voorde, I.
Voormanns, S. Coded orthogonal frequency division multiplexing as a basis for digital audio broadcasting and digital video broadcasting 88811
Voort, G.F.Vander *see* Vander Voort, G.F.
Voos, M. *see* Tignon, J. 63034
Voots, T. *see* Barlow, A. 64677
Vootukuru, M. *see* Narasimhan, N. 104509
Vorbrich, K.K., Kayser, D., Kasties, G., Lechner, W. Modernization and accuracy improvement of the avionic and maritime navigation in Poland, a German-Polish joint research proposal 79063
Vorburger, T.V. *see* Fu, J. 119519
Vorflusev, V., Kozenkov, V., Chigrinov, V. Bistable switching in FLC cells aligned by photoanisotropic films 95880
Vormann, H., Beisel, U., Engels, O., Li, D., Schempp, A. Design of low frequency RFQ accelerators for ion implantation 100750
Vormann, H. *see* Schempp, A. 89703
Vorobel, V. *see* Briancon, C. 69880
Vorobel, V. *see* Brudanin, V.B. 110622
Vorob'ev, A.N. *see* Garibin, E.A. 82734
Vorob'ev, A.P. *see* Babintsev, V.V. 120185
Vorob'ev, L.A. *see* Kudryavtsev, N.Yu. 102422
Vorob'ev, L.N. *see* Orlovskii, Yu.V. 96188
Vorob'ev, S.A. A dynamic-programming algorithm with a floating delay for processing experimental curves with recurring shape fragments 67169
Vorobiev, A.P. *see* Chmill, V.B. 120151
Vorobiev, Y.V., Zakharchenko, V.N., Zakharchenko, R.V., Rao, B.K. Influence of an electric field on nonequilibrium processes in semiconducting diamond 94281
Vorobiova, A., Shikov, A., Nikulin, A., Silaev, A., Golikov, I., Davudov, I., Izmailova, T. Investigation on mechanical properties of Nb_3Sn multifilamentary wires 95427

Vorobjev, L.E., Danilov, S.N., Donetsky, D.V., Firsov, D.A., Kochegarov, Yu.V. Generation of far-infrared light by hot holes in germanium in crossed electric and magnetic fields in Faraday and Voigt geometries 116558
Vorobjev, O.Yu. *see* Baumung, K. 110480
Vorobjev, V.P. *see* Mashendzhinov, V.I. 116362
Vorob'ova, A.E. *see* Pantsyrnyi, V.I. 95566
Vorogushin, M.F. *see* Chernogubovsky, M.A. 100504
Voronca, S. *see* Rosu, V.A. 121366
Voronich, I.N. *see* Bel'kov, S.A. 85699
Voronich, I.N. *see* Belkov, S.A. 116681
Voronin, A.B. *see* Zhirnov, V.V. 73939
Voronin, A.B. *see* Zhirnov, V.V. 83703
Voronin, E.N., Gavrin, A.V., Mal'tsev, D.B. More effective subsurface sensing 109747
Voronin, E.N. *see* Voskresenskii, D.I. 68675
Voronin, G. *see* Nikiforov, S. 90091
Voronin, V.A. *see* Batenkov, A.A. 108179
Voronin, V.I. *see* Cherepanov, V.A. 81793
Voronin, V.I. *see* Pirogov, A.N. 106505
Voronin, V.S. *see* Agafonov, A.V. 83719
Voronina, T. *see* Kalimov, A. 107786
Voronina, T.I., Lagunova, T.S., Mikhailova, M.P., Moiseev, K.D., Yakoviev, Yu.P. High carrier mobility in p-type GaInAsSb/p-InAs heterostructures 74347
Voronkov, E.N. *see* Malyshev, O.N. 90241
Voronkov, S.A. *see* Kruglov, V.S. 72963
Voronov, B. *see* Kawamura, J. 115972
Voronov, B.B. *see* Korbov, A.I. 88924
Voronov, B.M., Gershenzon, E.M., Gol'tsman, G.N., Gubkina, T.O., Semash, V.D., Seidman, L.A. Superconducting properties of NbN ultrafine films on various substrates 75293
Voronov, B.M. *see* Semenov, A.D. 84907
Voronov, V.I. Effect of aberrations on the M-mode field in ring lasers 76072
Voronov, V.I. Numerical analysis of ray paths of misaligned cavities 107413
Voronov, V.V. *see* Dolgaev, S.I. 104177
Voronova, I.D. *see* Chebotarev, A.P. 100016
Voronovich, A.G. Non-local small-slope approximation for wave scattering from rough surfaces 65765
Vorontsov, M.A., Ricklin, J.C., Carhart, G.W. Optical simulation of phase-distorted imaging systems: nonlinear and adaptive optics approach 90806
Vorontsova, L.A. Amorphous-crystalline alloy for strip-wound cores of high-frequency transformers 91598
Vorontzova, M.L. *see* Starodubrovsky, R.K. 62213
Voropaev, S.I. *see* Lange, Yu.V. 113600
Voropaev, Yu.A. *see* Khaimov, V.A. 102469
Voropai, N.I. The problem of large electric power system survivability 101891
Voropai, N.I., Kroll, A.M., Novorusski, V.V. The development of the intellectual decision support system for energy pool restoration after a fault 101834
Voros, P. Real time voice and sound services over ATM 118217
Voroshilov, S.A. *see* Kisin, V.V. 69363
Vorosmarty, C.J. *see* Schloss, A.L. 111275
Vorotilov, K.A. *see* Petrovsky, V.I. 106375
Vorotnev, P. *see* Izmailov, A. 96577
Vorozhbitov, A.I. *see* Pedorenko, N.P. 79386
Vorozov, N. *see* Dorofeev, A. 94292
Vorperian, V. The effect of the magnetizing inductance on the small-signal dynamics of the isolated Cuk converter 82951
Vorperian, V. The charge-controlled PWM switch 121615
Vorst, A.Van der *see* Van der Vorst, A.
Vorst, A.Vander *see* Vander Vorst, A.
Vorst, C.P.J.M.Van Der *see* Van Der Vorst, C.P.J.M.
Vorst, C.van der *see* van der Vorst, C.
Vorst, H.A.Van der *see* Van der Vorst, H.A.
Vorst, R.van der *see* van der Vorst, R.
Vortmann, H. *see* Hormann, W. 81403
Vorwerk, T. Approval testing for Euro-ISDN 118683
Vos, F.M., van der Heijde, G.L., Spoelder, H.J.W., van Stokkum, I.H.M., Groen, F.C.A. A new PRBA-based instrument to measure the shape of the cornea 110659
Vos, G. *see* Yang, G. 117137
Vos, L. Ground motion in LEP and LHC 89891
Vos, P.H. *see* Bel, A. 90576
Vos, S.de *see* de Vos, S.
Voschinin, A. *see* Sulima, A. 76404
Vosen, S.R. *see* Meeks, E. 63407
Voskamp, E., Rosenstiel, W. Error detection in fault secure controllers using state encoding 73414
Voskoboinikov, S.P., Maslennikov, V.A., Ustinov, S.M. Equal damping degree domains design technique for stability margin analysis in large power systems 70634
Voskoboinikov, Yu.E. Estimating the optimal parameter of regularizing algorithms for image restoration 108479
Voskresenskii, D.I., Grinev, A.Iu., Voronin, E.N., Ovohinnikov, V.G. Radar systems with hybrid optical-electronic processors 68675
Vosloo, W.L. *see* van Wyk, L. 102204
Voss, B. *see* Schmidt, K.H. 69627
Voss, F. *see* Rebhan, U. 107058
Voss, G.-A. A personal perspective of high energy accelerators 79795
Voss, G.-A. *see* Alexandrof, V.A. 100628
Voss, G.M. *see* McKenzie, J.S. 107814
Voss, J. *see* Moewes, A. 69887
Voss, K. *see* Rothe, I. 66933
Voss, M. *see* Karpov, A. 79096
Vosse, F.N.van de *see* van de Vosse, F.N.
Vosseburger, M., Roskos, H.G., Wolter, F., Waschke, C., Kurz, H., Hirakawa, K., Wilke, I., Yamanaka, K. Radiative decay of optically excited coherent plasmons in a two-dimensional electron gas 62814
Vosseburger, M., Roskos, H.G., Wolter, F., Waschke, C., Kurz, H., Hirakawa, K., Wilke, L., Yamanaka, K. Emission of THz radiation from optically excited coherent plasmons in a two-dimensional electron gas 114726
Vosseburger, M. *see* Hirakawa, K. 105263
Vossen, P. On the use of array snaking for resolving the left/right ambiguity of linear antennas in towed array sonars 68736
Vossiek, M. *see* Magori, V. 111400
Vossler, B. *see* Hedin, R. 70777
Vossnack, O. *see* Hallgren, B. 90201
Vossnack, O. *see* Hallgren, B. 100956
Votaw, A. *see* Lumpkin, A. 100419
Votaw, A. *see* Lumpkin, A. 100540
Votaw, A.J. *see* Chung, Y. 100614
Votaw, J.R. *see* Li, H.H. 101125
Votockova, I. *see* Spurny, F. 110965
Votockova, J. *see* Spurny, F. 101462
Vouk, M. *see* Rindos, A. 87298
Vouk, M. *see* Rindos, A. 109038
Vouk, M. *see* Rindos, A. 109141
Vouk, M.A. *see* Dholakia, A. 66308
Vouk, M.A. *see* Koorapaty, H. 66340
Voukelatos, S.P., Soraghan, J.J. Wavelet based compression of digital mammograms 80328
Voulgaris, N.C. *see* Malamos, A.G. 71513
Vounckx, R. *see* Kirk, A.G. 85282
Vounckx, R. *see* Thienpont, H. 85190
Vourdas, A. Quantum currents in mesoscopic Josephson junctions in the presence of non-classical microwaves 95459
Vournas, C.D., Pai, M.A., Sauer, P.W. The effect of automatic voltage regulation on the bifurcation evolution in power systems 101896
Vournas, C.D., Sauer, P.W., Pai, M.A. Relationships between voltage and angle stability of power systems 120951
Vournas, C.D., Van Cutsem, T. Voltage oscillations with cascaded load restoration 101956
Vournas, C.D. *see* Manos, G.A. 101958
Voutsas, A.T. *see* Hatalis, M.K. 84399
Voutsas, A.T. *see* Kouvatsos, D.N. 105950
Vovk, I.V., Grinchenko, V.T., Oliynik, V.N. Measurement of breath noise from the surface of human thorax 120375
Vovos, N.A. *see* Neris, A.S. 71962
Vovos, N.A. *see* Pastos, D.A. 70773
Voy, D. *see* Burgett, W. 79856
Voyiatzis, I., Nikolos, D., Paschalis, A., Halatsis, C., Haniotakis, T. An efficient comparative concurrent Built-In Self-Test technique 61771
Voyiatzis, J., Paschalis, A., Nikolos, D., Halatsis, C. An efficient built-in self test method for robust path delay fault testing 83095
Voykov, G. *see* Lumpkin, A. 100580
Voykov, G.K. *see* Dattoli, G. 107357
Voytas, P.A., Schewe, J.E., Quin, P.A., Anderson, L.W. A target for producing polarized ^{21}Na by optical pumping 90104
Voznesenskii, V.V., Kashinov, V.V., Ogandzhanyants, S.I. Variational method for optimizing the processing of experimental results using discontinuous tests 103540
Vozovoi, L., Israeli, M., Averbuch, A. Multidomain local Fourier method for PDEs in complex geometries 61046
Vrabel, M.J. Edge detection with a recurrent neural network 98034
Vrahatis, M.N. *see* Grapsa, T.N. 60941
Vrana, M. *see* Wojciechowski, D. 119802
Vrancsic, Z.G. *see* Wilton, S.J.E. 104522
Vranesic, Z. *see* Brown, S. 82891
Vranesic, Z.G. *see* Zilic, Z. 61786
Vranesic, Z.G. *see* Zilic, Z. 72622
Vranken, H.P.E., Witteman, M.F., Van Wuijtswinkel, R.C. Design for testability in hardware software systems 104268
Vray, D. *see* Ning Ma 109817
Vrba, J. A generalized membership description of fuzzy relations and their max-min compositional results 72490
Vrba, J., Puncochar, M., Drahos, J. Decomposition of aggregated fuzzy subsets 60851
Vrba, J. *see* Puncochar, M. 113139
Vrba, K., Cajka, J., Zeman, V. Floating RC networks using current conveyors 83211
Vrba, V. *see* Ajinenko, I. 90197
Vrbancich, J., Valentine-Flint, S., Wong, R. Handbook for the Extremely Low Frequency (ELF) data acquisition and analysis system 79267
Vrbanic, V. *see* Zelenika, D. 67896
Vrdoljak, S.I. Optical transmission system based on synchronous digital hierarchy 78868
Vre, R.De *see* De Vre, R.
Vreeburg, C.G.M., Oei, Y.S., Verbeek, B.H., van der Tol, J.J.G.M., Rongen, R.T.H., Vonk, H., Leys, M.R., Dorren, B.H.P., Wolter, J.H. Strained GaInAs/InP MQW layers grown by CBE for optical components 103953
Vreeburg, C.G.M. *see* Wei, C. 95725
Vreede, A.H.De *see* De Vreede, A.H.
Vreede, J.P.M.de *see* de Vreede, J.P.M.
Vreede, L.C.N.de *see* de Vreede, L.C.N.
Vreeswijk, G.A.W. *see* Wan, A.D.M. 90721
Vrhovec, S. *see* Koller, L. 83570
Vries, A.P.de *see* de Vries, A.P.
Vries, D.De *see* De Vries, D.
Vries, D.J.de *see* de Vries, D.J.
Vries, D.K.De *see* De Vries, D.K.
Vries, H.De *see* De Vries, H.
Vries, J.S.De *see* De Vries, J.S.
Vries, M.de *see* de Vries, M.
Vries, M.J.de *see* de Vries, M.J.
Vries, P.H.S.de *see* de Vries, P.H.S.
Vries, P.M.J.M.de *see* de Vries, P.M.J.M.
Vries, R.de *see* de Vries, R.
Vries, R.Penning de *see* Penning de Vries, R.
Vrignaud, L.-C. *see* Baudez, G. 98904
Vrijmoeth, J. *see* Garten, F. 75752
Vrijmoeth, J. *see* Nishiyama, A. 61209
Vrnata, M. *see* Machac, P. 62402
Vrobel, P. *see* Mundy, J.L. 67481
Vrolix, M. *see* Nuyts, J. 90313
Vrotsos, T. *see* Chen, J.Z. 95217
Vrtacnik, D. *see* Aljancic, U. 79332
Vrtacnik, D. *see* Resnik, D. 63415
Vrtis, R.N. *see* Ino, K. 60563
Vrtis, R.N. *see* Laxman, R.K. 61366
Vsevolozhskaya, T.A. Ionization cooling of muons by strong focusing with a field of longitudinal current 89901
Vu, B. *see* Zavracky, P.M. 74871
Vu, C. *see* Beuville, E. 90203
Vu, C. *see* Beuville, E. 100968
Vu, C. *see* Klein, S.R. 90223
Vu, C. *see* Klein, S.R. 100976
Vu, D.-P. *see* Spitzer, M.B. 85341
Vu, D.P. *see* Dolny, G. 69396
Vu, D.P. *see* Hsin, Y.M. 84348
Vu, H., Pruvot, P., Launay, C., Harmand, Y. An improved voltage control on large-scale power system 101927
Vu, K.T. *see* Novosel, D. 121057
Vu, K.V., Nilsson, A.A. Blocking probabilities for inverse multiplexer in public switched digital networks 77649
Vu, L.D. Traffic management in ATM-based local area networks: the COSY-approach 98736
Vu, Q.-B., Stricker, D.A., Zavracky, P.M. Surface characteristics of (100) silicon anisotropically etched in aqueous KOH 63281
Vu, T. *see* Gu, Y. 63164
Vu, T. *see* Polla, D.L. 69178
Vu, T.B., Chen, H. A real time 'CLEAN' method for small linear arrays 86010
Vu-Quoc, L. *see* Jia Tzer Hsu 104320
Vu-Quoc, L. *see* Jia Tzer Hsu 104321
Vuagnin, G. *see* Dehning, B. 79949
Vuattoux, J.-L., Le Carpentier, E. Efficient ARMA parameter estimation of non Gaussian processes by minimization of the Fisher information under cumulant constraints 117497
Vucetic, B. *see* Woodward, G. 118847
Vucetic, B.S. *see* Leonardo, E.J. 76784
Vucetic, B.S. *see* Oppermann, I. 68187
Vucetic, B.S. *see* Oppermann, I. 78505
Vucetic, B.S. *see* Oppermann, I. 97103
Vucetic, B.S. *see* Oppermann, I. 118931
Vucetic, B.S. *see* Woodward, G. 118877
Vuchkov, N.K. Novel circuits for the excitation of metal vapour lasers 116380
Vuckovic, A. *see* Ruzic, S. 102007
Vuckovic, A. *see* Ruzic, S. 102008
Vuckovic, V. *see* Sokola, M. 102729
Vucurevich, T. *see* Murray, M. 82871
Vudali, M., Wank, R., Tekinay, S. BHME: a new capacity benchmark in PCS switching 88161
Vuerinckx, R., Rolain, Y., Schoukens, J., Pintelon, R. Design of stable IIR filters in the complex domain by automatic delay selection 108319
Vugalter, S.A. *see* Exner, P. 106830
Vugts, M.J.M., Eurlings, M.F.A., Hermans, L.J.F., Beijerinck, H.C.W. Si/XeF$_2$ etching: reaction layer dynamics and surface roughening 114927
Vugts, M.J.M., Hermans, L.J.F., Beijerinck, H.C.W. Ion-assisted Si/XeF$_2$-etching: influence of ion/neutral flux ratio and ion energy 94762
Vugts, M.J.M., Hermans, L.J.F., Beijerinck, H.C.W. Ion-assisted Si/XeF$_2$ etching: temperature dependence in the range 100-1000 K 114929
Vugts, M.J.M., Verschueren, G.L.J., Eurlings, M.F.A., Hermans, L.J.F., Beijerinck, H.C.W. Si/XeF$_2$ etching: temperature dependence 114926
Vuijk, B. *see* Abou Chahine, S. 69003
Vuillaume, D., Boulas, C., Collet, J., Davidovits, J.V., Rondelez, F. Organic insulating films of nanometer thicknesses 106369
Vuillaume, D., Bravaix, A., Goguenheim, D., Marchetaux, J.-C., Boudou, A. Comment on "hot-hole-induced negative oxide charges in n-MOSFETs" [and reply] 105955
Vuillaume, D. *see* Bravaix, A. 63669
Vuillaume, D. *see* Sagnes, B. 114831
Vujevic, D. Visual display units and the environment 80534
Vujic, J. *see* Lee, Y. 90103

Vujicic, V. *see* Milovancev, S. 69014
Vujinovic, L., Farkas, G., Vukobrat, S. The approach to software design for switching system control 98382
Vujovic, N. *see* Brzakovic, D. 82799
Vukadinovic, M., Aboulnasr, T. A study of adaptive intersubband tap assignment algorithms from a psychoacoustic point of view 117425
Vukelja, P., Mrvic, J., Drobnjak, G. The influence of the tower models of transmission lines on backflashover risk for lightning stroke 81110
Vukelja, P. *see* Zdravkovic, Z. 81111
Vukic, D. *see* Petkovic, I. 110013
Vukicevic, D. *see* Bjelkhagen, H.I. 96846
Vukobrat, S. *see* Vujinovic, L. 98382
Vukovic, K., Cuk, N., Cesarevic, A. An approach to the rehabilitation of thermal power units of 200 MW and above with special attention to the state of metals 81311
Vukovich, G. *see* Stieber, M.E. 108592
Vukovich, G. *see* Yousefi-Koma, A. 106406
Vuksan, V. Characteristics of earphones with piezopolymer membranes 88870
Vulcan, W. *see* Amatuni, T. 83778
Vuletic, V. *see* Zimmermann, C. 96210
Vullo, T. *see* Pascone, R. 101147
Vuong, G.T. *see* Khodabakhchian, B. 111822
Vuong, H.-H., Gossmann, H.-J., Rafferty, C.S., Luftman, H.S., Unterwald, F.C., Jacobson, D.C., Ahrens, R.E., Boone, T., Zeitzoff, P.M. Influence of fluorine and BF$_2$ implants on the transient enhanced diffusion of boron 63251
Vuong, H.-H., Rafferty, C.S., Eshraghi, S.A., Lentz, J.L., Zeitzoff, P.M., Pinto, M.R., Hillenius, S.J. Effects of oxide interface traps and transient enhanced diffusion on the process modeling of PMOS devices 74540
Vuong, S., Ivanov, I. Mobile intelligent agent systems: WAVE vs. JAVA 87741
Vuong, S., Mathy, L. Simulating the mobile-IP protocol using WAVE 87742
Vuong, S.T., Lee, S., Kim, M.C. TESTVAL, a tool for protocol test validation and the validation of a LAPB test suite as an example 118149
Vuong, S.T. *see* Anisimov, N.A. 87932
Vuong, S.T. *see* Antonova, G.S. 88525
Vuong, S.T. *see* Loureiro, A.A.F. 118105
Vuong Gai Tong *see* Gai Tong Vuong
Vuori, J., Skytta, J. DSP implementation of European paging system testing receiver 88304
Vuori, J. *see* Kemppainen, H. 109694
Vuorimaa, P. *see* Yli-Rantala, E. 108588
Vuoskoski, J. *see* Sulkimo, J. 69761
Vurgaftman, I., Meyer, J.R., Ram-Mohan, L.R. Optimized second-harmonic generation in asymmetric double quantum wells 96640
Vurgaftman, I., Meyer, J.R., Ram-Mohanb, L.R. Detuned intersubband resonances for broadband field-modulated second-harmonic generation in a waveguide 116739
Vurgaftman, I., Singh, J. Spatial and spectral characteristics of spontaneous emission in microcylinder LEDs 64983
Vurgaftman, I. *see* Sung, C.Y. 63079
Vusevker, Yu.A. *see* Gorish, A.V. 84687
Vusirikala, V., Gopalan, B.P., Kareenahalli, S., Merritt, S.A., Dagenais, M., Wood, C.E.C., Stone, D. GaAs-AlGaAs QW diluted waveguide laser with low-loss, alignment-tolerant coupling to a single-mode fiber 96382
Vusirikala, V., Heim, P.J.S., Dagenais, M., HcClay, P. Flip-chip optical fiber attachment to a monolithic optical receiver chip 88484
Vutova, K.G. *see* Gueorguiev, Y.M. 84875
Vutz, N. *see* Hiatt, A.R. *(editor)* 82066
Vuye, G. *see* Nguyen Van, V. 119898
Vuye, S. *see* Pinatel, C. 73721
Vuye, S. *see* Pinatel, C. 73819
Vvedenskaya, N.D., Dobrushin, R.L., Karpelevich, F.I. Queueing system with selection of the shortest of two queues: an asymptotic approach 118061
Vyas, B. *see* Doughty, D.H. *(editor)* 103316
Vyas, B.D. *see* Ulman, S.A. 120528
Vyas, P.D. *see* Kuruvilla, B.A. 84151
Vyas, R., Murthy, S., Sebastian, T. Evaluation of brushless permanent magnet motor rotor configurations for square wave current excitation 111900
Vyatkin, A.F. *see* Avrutin, V.S. 83798
Vyatkin, I.V. *see* Berdonosov, V.S. 93002
Vyazigin, A.S., Skobelev, S.P. Analysis and optimization of an array of dual-mode waveguides with slot coupling elements 108069
Vyazigin, A.S. *see* Skobelev, S.P. 66141
Vydra, J., Beisinghoff, H., Feix, H., Eckl, M., Strohriegl, P., Gortz, W., Eich, M. Photobleaching mechanisms in azobenzene functionalized polymethacrylates [for integrated optic application] 107573
Vydra, J., Beisinghoff, H., Tschudi, T., Eich, M. Photodecay mechanisms in side chain nonlinear optical polymethacrylates 96675
Vydrevich, M.G. *see* Kossov, V.G. 100095
Vydrevitch, M.G. *see* Dalinenko, I.N. 79524
Vydrevitch, M.G. *see* Dalinenko, I.N. 100094
Vydyanath, H.R. Incorporation of dopants and native defects in bulk Hg$_{1-x}$Cd$_x$Te crystals and epitaxial layers 94715
Vye, D.W. *see* Hur, K.Y. 93787
Vye, D.W. *see* Simon, K.M. 83424
Vye, N.J. *see* Sharp, D.L.M. 82116
Vygovsky, E., Strulea, I.L., Milov, I., Grant, L.A. Application of Russian beryllium materials in optics 64607
Vykhodets, A.V., Bedoia, S.A. Phase distortions in a stereophonic AM broadcasting system with quadrature modulation 109849
Vykhodets, V.B. *see* Davletshin, A.E. 88879
Vylov, C. *see* Brudanin, V.B. 110622
Vylov, T. *see* Briancon, C. 69880
Vymlatil, S. *see* Sikula, J. 93949
Vynckier, C., Beirlant, J., Tierney, L. Goodness-of-fit inferences through posterior distribution explorations 72464
Vynckier, S. *see* Loncol, T. 120573
Vynckier, S. *see* Palmans, H. 80510
Vyskubenko, B.A. *see* Adamenkov, A.A. 116321
Vyslouch, V.A. *see* Kuzin, E.A. 78794
Vysloukh, V.A., Sanchez-Mondragon, J.J., Marti-Panameno, E. Influence of the narrow- and broad band Raman resonances on femtosecond soliton propagation in fibers 116015
Vysloukh, V.A. *see* Gomez, C.M. 76128
Vysloukh, V.A. *see* Marti-Panameno, E. 85389
Vysloukh, V.A. *see* Marti-Panameno, E. 116411
Vysotskii, D.V., Elkin, N.N., Napartovich, A.P., Troshchieva, V.N. Excitation of Fabry-Perot cavity modes by external signal injection 107412
Vysotsky, M.G., Kaasik, V.P., Rogov, S.A. Multichannel acousto-optoelectronic spectroanalyzer with time integration 110050
Vysotsky, V. *see* Jeong, S. 95578
Vysotsky, V. *see* Sangkwon Jeong 106713
Vyssotina, N.V. *see* Kaliteevskij, N.A. 116925
Vystavkin, A., Tarasov, M., Prokopenko, G. Performance limits of Josephson mixers at submillimeter waves 73701
Vystavkin, A., Tarasov, M., Prokopenko, G., Shitov, L., Jacobsson, S., Koshelets, V., Kovtonyuk, S., Holmstedt, C., Filippenko, L., Lapitskaya, I., Kollberg, E. Studies of Josephson mixing in SIS junctions 75349
Vystavkin, A., Tarasov, M., Shul'man, A., Prokopenko, G., Koshelets, V., Polyanski, O., Lapitskaya, I., Kosarev, E. Hilbert transform spectrometer using shunted SIS junctions 110341
Vystavkin, A. *see* Tarasov, M. 73702
Vystavkin, A. *see* Tarasov, M. 113765
Vyukhina, N.N., Gibin, I.S., Dombrovsky, V.A., Dombrovsky, S.A., Pankov, B.N., Pen, E.F., Potapov, A.N., Sinyikov, A.M., Tverdokhleb, P.E., Shelkovnikov, V.V. A review of aspects relating to the improvement of holographic memory technology 75410

W-Ping Xu *see* Lirong Zheng 95308
Wa, P.L. *see* Lijun Zhu 116106
Wa, P.Li Kam *see* Li Kam Wa, P.
Wa, P.L.K. *see* Kan'an, A.M. 95795
Wa Lee Po *see* Po Wa Lee
Waadeland, T., Skeie, T., Horn, G., Linge, S., Bakka, B. Grouped adaptive routing in HIC networks 98514
Waadeland, T. *see* Skeie, T. 98971
Waag, A., Fischer, F., Lugauer, H.J., Litz, T., Laubender, J., Lunz, U., Zehnder, U., Ossau, W., Gerhardt, T., Moller, M., Landwehr, G. Molecular-beam epitaxy of beryllium-chalcogenide-based thin films and quantum-well structures 92708
Waag, A. *see* Fischer, F. 94721
Waag, A. *see* Hellmann, R. 74401
Waag, A. *see* Litz, M.T. 74160
Waag, A. *see* Litz, T. 64913
Waag, A. *see* Lugauer, H.J. 94718
Waag, A. *see* Meyer, R. 74404
Waag, A. *see* Scholl, S. 62714
Waag, A. *see* Shen, J.X. 74406
Waag, A. *see* Stuehler, J. 74405
Waag, A. *see* Worschech, L. 94348
Waag, A. *see* Yakovlev, D.R. 62885
Waag, R.C. *see* Case, T.J. 82804
Waagen, D.E., Argast, J.D., McDonnell, J.R. Evolving wavelet compression strategies 66497
Waal, H.de *see* de Waal, H.
Waarsenburg, W.A.van de *see* van de Waarsenburg, W.A.
Waarts, R.G., Geels, R.S., Parke, R., Dzurko, K., Sanders, S., Nam, D., Welch, D.F. Compact and efficient laser-diode-based light sources for projection displays 100193
Waarts, R.G. *see* Balakrishnan, A. 96647
Waarts, R.G. *see* Sanders, S. 65110
Waasen, St.Van *see* Van Waasen, St.
Waasen, S.Van *see* Van Waasen, S.
Waast, B. *see* Hakansson, P. 100775
Wabnitz, S. Dynamics of optical caviton generation in a CW-seeded frequency shifted feedback cavity 65396
Wabnitz, S. Stabilization of sliding-filtered soliton wavelength division multiplexing transmissions by dispersion-compensating fibers 68385
Wabnitz, S. Control of soliton storage, transmission, and clock recovery by cw injection 76147
Wabnitz, S. Role of the filter spectral profile in the control of soliton transmissions 106913
Wabnitz, S., Uzunov, I., Lederer, F. Soliton transmission with periodic dispersion compensation: effects of radiation 85713
Wabnitz, S., Westin, E. Optical fiber soliton bound states and interaction suppression with high-order filtering 96713
Wabnitz, S. *see* Kodama, Y. 64669
Wabnitz, S. *see* Kodama, Y. 78667
Wabnitz, S. *see* Midrio, M. 107610
Wach, A. Characteristics of return network of 3 kV DC traction feeding system of Polish State Railways 112547
Wach, P. *see* Simunic, D. 80344
Wach, P. *see* Simunic, D. 90295
Wachal, R.W., Mazur, G.B., Gole, A.M., Whitehouse, R.S. Application of electromagnetic transient simulation for the solution of HVDC control problems 81019
Wachenschwanz, D. *see* Yen Fu 115730
Wachi, Y. *see* Hanawa, S. 95571
Wachi, Y. *see* Ono, M. 95562
Wachman, E.S., Wen-Hua Niu, Farkas, D.L. Imaging acousto-optic tunable filter with 0.35-micrometer spatial resolution 110762
Wachnik, R.A. *see* Filippi, R.G. 115008
Wachnik, R.A. *see* Filippi, R.G. 115018
Wachnik, R.A. *see* Nguyen, D.B. 60725
Wachowicz, E., Pulaczewski, J. A new control algorithm with weather forecast for energy efficient potato storage 71956
Wachs, V., Simsek, E. Advanced logic analysers 119572
Wachter, B. *see* Cellario, L. 118697
Wachter, E.A. *see* Hutchinson, D.P. 69137
Wachter, J. *see* Sebek, J. 100551
Wachter, J.De *see* De Wachter, J.
Wachter, K. *see* Berroth, M. 80846
Wachter, M., Heinecke, H. Beam geometrical effects on planar selective area epitaxy of InP/GaInAs heterostructures 103933
Wachtman, J.B., Jr. *see* Tirrell, M. *(editor)* 112678
Wachutka, G. *see* Funk, J. 63979
Wachutka, G.K. Tailored modeling of microdevices and systems using thermodynamic methods 84669
Wacker, A. *see* Niedernostheide, F.-J. 105861
Wacker, A. *see* Stasch, R. 115131
Wacker, G. *see* Gates, J. 80901
Wackers, F.J.Th. *see* Liu, Y.-H. 101247
Waclawek, J. *see* Kovac, J. 100046
Waclawik, A.J. *see* Bushara, K.O. 80249
Waclawik, S.D. *see* Budka, T.P. 93903
Wacogne, B., Jackson, D.A. Enhanced security in a coherence modulation system using optical path difference corruption 78944
Wacogne, B., Jackson, M.D., Fisher, N.E., Podoleanu, A., Jackson, D.A. Double security level in a telecommunication system based on phase coding and false data transmission 68465
Wacogne, B. *see* Roe, M.P. 85169
Wada, A., Asakawa, A., Shindo, T. Observation of winter lightning using remote control lightning observation system 70492
Wada, A. *see* Okude, S. 75446
Wada, B.K., Bamford, R.M., Kuo, C.-P. Compact PZT actuator for vibration isolation, suppression and steering 115449
Wada, C., Ino, S., Ifukube, T. Proposal and evaluation of the sweeping display of speech spectrum for a tactile vocoder used by the profoundly hearing impaired 80496
Wada, C., Ino, S., Ifukube, T. Comparative study of adaptation phenomena between vibratory stimulation and Braille like stimulation for tactile communication 110954
Wada, G. *see* Moinpour, M. 63350
Wada, G.H., Hansen, J.S. A resilient networked sensor processing implementation 110070
Wada, H., Kamijoh, T., Ogawa, Y. Direct bonding of InP to different materials for optical devices 65293
Wada, H. *see* Hanai, S. 96975
Wada, H. *see* Kanno, T. 69273
Wada, H. *see* Nouda, Y. 68930
Wada, H. *see* Oka, M. 96698
Wada, H. *see* Okamoto, T. 94322
Wada, H. *see* Tezuka, M. 96976
Wada, K., Akage, Y., Manui, H., Horinaka, H., Yamamoto, N., Cho, Y. Simple method for determining the gain saturation coefficient of a distributed feedback semiconductor laser 107254
Wada, K., Takagi, S., Fujii, N. Automatic tuning system for high-frequency integrated continuous-time filters 104687
Wada, K. *see* Fushimi, H. 94944
Wada, K. *see* Heun, S. 61271
Wada, K. *see* Heun, S. 74340
Wada, K. *see* Noguchi, Y. 83338
Wada, K. *see* Shinohara, M. 105853
Wada, M. Ni-MH, lithium energize Toshiba's battery strategies 112247
Wada, M. *see* Fukunaga, T. 85466
Wada, M. *see* Kawasaki, Z. 81160
Wada, M. *see* Okamoto, H. 75919
Wada, M. *see* Onuki, J. 70496
Wada, M. *see* Sakazawa, S. 108572
Wada, M. *see* Shinozaki, S. 97119
Wada, M. *see* Uchida, H.H. 115858
Wada, M. *see* Uchida, N. 88639

Wada, M. *see* Uchida, N. 109616
Wada, O. *see* Ahmed, A. 75564
Wada, O. *see* Isoda, S. 92856
Wada, O. *see* Matsubara, I. 102197
Wada, O. *see* Ming Wang 96602
Wada, S., Akagawa, K., Tashiro, H. Electronically tuned Ti:sapphire laser 65152
Wada, S. *see* Akagawa, K. 75884
Wada, S. *see* Maeda, T. 104439
Wada, T. Study of the soft leakage current induced ESD on LDD transistor 115220
Wada, T., Haraichi, S., Ishii, K., Hiroshima, H., Komuro, M., Hirayama, M. SiO$_2$/poly-Si electron beam resist process for nanofabrication 94864
Wada, T., Ishizaki, A., Ono, T., Kurobe, Y. Influence of microphone dynamics on sound transmission loss and its compensation 89578
Wada, T., Kohara, N., Negami, T., Nishitani, M. Chemical and structural characterization of Cu(In,Ga)Se$_2$/Mo interface in Cu(In,Ga)Se$_2$ solar cells 121895
Wada, T., Liming Wang, Yadong Zhang, Minquan Tian, Sasabe, H. Multifunctional chromophores for monolithic photorefractive materials 84934
Wada, T., Yamazato, T., Katayama, M., Ogawa, A. A study on non-coherent reception of M-ary spread-spectrum signals in the presence of carrier frequency offset 67515
Wada, T., Yamazato, T., Katayama, M., Ogawa, A. A new M-ary spread-spectrum multiple-access scheme in the presence of carrier frequency offset 118024
Wada, T. *see* Fujimoto, H. 94723
Wada, T. *see* Fukushima, N. 75212
Wada, T. *see* Fukushima, N. 115764
Wada, T. *see* Haraguchi, Y. 93353
Wada, T. *see* Hashimoto, Y. 114947
Wada, T. *see* Ihara, H. 94236
Wada, T. *see* Isoshima, T. 85586
Wada, T. *see* Liming Wang 76165
Wada, T. *see* Ohba, F. 70120
Wada, T. *see* Sato, H. 93352
Wada, T. *see* Sokoloff, J.P. 76159
Wada, T. *see* Takenaka, N. 110445
Wada, T. *see* Tian, M. 85624
Wada, T. *see* Wang, L. 95625
Wada, T. *see* Yadong Zhang 76164
Wada, T. *see* Yamashita, Y. 90149
Wada, T. *see* Yanagi, S. 85635
Wada, T. *see* Yong Gun Shul 85653
Wada, Y., Mizuno, T. Database cache management algorithms of a timing constrained database system in mobile computing environments 98699
Wada, Y., Sasaoka, K., Imamura, E., Odaira, H. A new circuit substrate for MCM-L 92260
Wada, Y. *see* Asai, S. 115331
Wada, Y. *see* Heike, S. 114587
Wada, Y. *see* Maruyama, K. 100989
Wada, Y. *see* Mori, T. 102890
Wada, Y. *see* Takami, T. 83530
Wada, Y. *see* Takeuchi, H. 73128
Wadaka, S. *see* Kimura, T. 111389
Wadas, A. *see* Lohndorf, M. 64382
Wadas, A. *see* Lohndorf, M. 75129
Wadayama, T., Maiwa, Y., Shibata, H., Hatta, A. In-situ IR and mass spectroscopic study of the Al(CH$_3$)$_2$H/a-Si:H reaction processes 105739
Wadayama, T., Wakasugi, K., Kasahara, M. Matched design method for concatenated trellis-coded modulation 97485
Wadayama, Y., Koizumi, N., Takahashi, Y., Matsui, K., Tsuji, H., Shimamoto, S. Effect of non-uniform current distribution on the stability in Nb-Ti cable-in-conduit superconducting conductor 95564
Waddington, M.S. *see* Eran, Y. 67951
Wade, A. *see* Webster, M.A. 108527
Wade, F.A. *see* Cox, A.M. 64597
Wade, G. *see* Duarte, R. 116758
Wade, G. *see* Meyyappan, A. 90869
Wade, G. *see* Van Eetvelt, P. 117142
Wade, M. High performance data compression with data security across communication links (LAN/WAN or satellite) 109147
Wade, R. *see* Birch, K. 78804
Wade, S.A., Maurice, E., Petreski, B.P., Collins, S.F., Baxter, G.W. Temperature sensing using the thermalisation of the $^3P_0$ and $^3P_1$ levels of praseodymium 79498
Wade, W.R. *see* Lowry, R.K. 60567
Wadehra, I.L. *see* Brinkley, A. 72310
Wadekar, S. *see* Beerel, P.A. 73267
Wadge, B., Yoder, A. The possible-World Wide Web 109095
Wadhonkar, N.K. *see* Kumar, G.V.D.A. 112578
Wadhwa, C.L. *see* Jain, N.K. 120959
Wadhwa, S.K. Material compatibility and some understanding of the ball swaging process 60590
Wadlinger, E.A. *see* Johnson, K.F. 89732
Wado, H., Shimizu, T., Ohtani, K., Jung, Y.C., Ishida, M. Epitaxial growth of γ-Al$_2$O$_3$ insulator films on Si by molecular beam epitaxy using an Al solid source and N$_2$O gas 72849
Wado, H. *see* Young-Chul Jung 61257
Wadsworth, I. *see* McGregor, S.M. 121889
Wadsworth, R. *see* Catford, W.N. 69884
Wadsworth, S. *see* McCullagh, M. 63903
Waeckerle, T. *see* Rouve, L.-L. 115494
Waeckerle, Th. *see* Rouve, L.-L. 107702
Waeckerle, Th. *see* Talowski, C. 115579
Waegel, K.H., Bauer, R. Slot coupled dual-mode patch filters 62170
Waegner, N., Mahrla, P., Heilmann, T. From chips to handhelds [GSM telephone design] 118947
Waelder, G. *see* Mueller, U. 69711
Waetjen, U. *see* Plompen, A.J.M. 100384
Waffenschmidt, E. *see* Hofschen, S. 114214
Wagatsuma, Y. *see* Yamanouchi, K. 84734
Wagdy, M.F. Effect of additive dither on the resolution of ADC's with single-bit or multibit errors 61975
Wagemann, H.-G. *see* Kruger, B. 84020
Wagemann, H.G. *see* Kruger, B. 74500
Wagemann, H.G. *see* Krugger, B. 84000
Wagemans, A.G. *see* Baggerman, A.F.J. 82259
Wagen, J.-F. *see* Jingming Li 107904
Wagen, J.-F. *see* Rizk, K. 65848
Wagen, J.-F. *see* Rizk, K. 116884
Wagenblast, K.H., Fazio, R., van Otterlo, A., Schoen, G., Zappala, D., Zimanyi, G.T. Response of Josephson-junction arrays and granular superconductors near the superconductor-insulator transition 95473
Wagenbreth, S. *see* Kopernik, A. 87154
Wagener, M. *see* Erdmann, W. 69864
Wagener, T. *see* Wu, J.J. 114924
Wagenseil, W. *see* Kozlowski, F. 96042
Wagensohner, K. *see* Bayer, E. 63966
Wager, J.F. *see* Keir, P.D. 116249
Wager, J.F. *see* Reigrotzki, M. 114604
Wager, J.F. *see* Shih, S. 106989
Wager, S. *see* Chakraborty, S.S. 78463
Wager, S. *see* Chakraborty, S.S. 109528
Wagers, K. *see* Kinzer, D. 104332
Waggershauser, T. Fluoroscopy: dose reduction through radiation-free collimator positioning 90463
Waggoner, R. Watch out for induced electrical noise. I 85894
Waggoner, R. Conducting a power quality site analysis. III 91082
Waggoner, R. Watch out for induced electrical noise. II 91146
Waggoner, R. Conducting a power quality site analysis. II 91967
Waggoner, R. Watch out for induced electrical noise. III 97171
Waggoner, R. The how, what, and where of power conditioning. II 102861
Waggoner, R. The how, what, and where of power conditioning. I 121080
Wagner, B., Quenzer, H.J., Hoerschelmann, S., Lisec, T., Juerss, M. Bistable microvalve with pneumatically coupled membranes 74956
Wagner, B. *see* Lisec, T. 74921
Wagner, B. *see* Lisec, T. 89043
Wagner, B. *see* Lisec, T. 110077
Wagner, B. *see* Lochel, B. 63991
Wagner, B. *see* Quenzer, H.J. 74943
Wagner, B.K. *see* Menkara, H.M. 116231
Wagner, B.K. *see* Parikh, A. 72792
Wagner, B.K. *see* Summers, C.J. 74162
Wagner, B.K. *see* Summers, C.J. 74445
Wagner, B.K. *see* Tong, W. 113301
Wagner, B.K. *see* Tran, T.K. 74224
Wagner, B.K. *see* Tran, T.K. 74408
Wagner, B.K. *see* Tran, T.K. 75714
Wagner, B.K. *see* Yang, T. 82683
Wagner, C. Class number 5,6 and 7 60839
Wagner, C. *see* Barzic, R. 83133
Wagner, C. *see* Englert, B.-G. 85351
Wagner, C. *see* Moller, H. 105585
Wagner, Ch. *see* Krotz, G. 104057
Wagner, D., Thumm, M., Kasparek, W., Muller, G.A., Braz, O. Prediction of TE-, TM-, and hybrid-mode transmission losses in gaps of oversized waveguides using a scattering matrix code 73633
Wagner, D. *see* Denisov, G.G. 74071
Wagner, D. *see* Kelsey, J. 97505
Wagner, D. *see* Kuchem, R. 61554
Wagner, D. *see* Kuonen, P. 116905
Wagner, F. *see* Kuchem, R. 61554
Wagner, F.X. *see* Cranton, W.M. 94359
Wagner, G. Measuring accurately–does your calibration technique get the job done? 67206
Wagner, G. Measuring accurately–does your calibration technique get the job done? 79223
Wagner, G.J. *see* Calen, H. 120194
Wagner, G.R. *see* Talisa, S.H. 84929
Wagner, G.R. *see* Talisa, S.H. 93774
Wagner, G.S. Resolving diversely polarized, superimposed signals in three-component seismic array data 111077
Wagner, H. *see* Carius, R. 94896
Wagner, H. *see* Hapke, P. 92878
Wagner, H. *see* Kubon, M. 103022
Wagner, H. *see* Rech, B. 103021
Wagner, H. *see* Siebke, F. 94427
Wagner, H. *see* Stiebig, H. 100020
Wagner, H.-J. Energy chains from A to Z–yield factor and energy amortisation time 71035
Wagner, H.-J., Ziemons, S. Wind power and photovoltaics in the OECD-wide comparison: attempt at a consistent view 71188
Wagner, H.P., Lehmann, J., Hahn, B. Dephasing of excitons in ZnSe and ZnSe/ZnS$_x$Se$_{1-x}$ quantum wells 74244
Wagner, J., Maga, D., Ort-Snep, R. Magnetic field of hightorque stepping motor with multiphase supply 81501
Wagner, J., Schmitz, J., Richards, D., Ralston, J.D., Koidl, P. Intersubband Raman scattering in InAs/AlSb quantum wells 62985
Wagner, J. *see* Bouchal, Z. 107843
Wagner, J. *see* Burkner, S. 63011
Wagner, J. *see* Fuchs, F. 74444
Wagner, J.C., Haghighat, A., Petrovic, B.G. Monte Carlo transport calculations and analysis for reactor pressure vessel neutron fluence 81254
Wagner, J.W. *see* Bernstein, J. 113576
Wagner, J.W. *see* Murray, T.W. 70565
Wagner, K. *see* Garvin, C. 98014
Wagner, K. *see* Joe, J. 62628
Wagner, K.C. *see* Weigel, R. 109397
Wagner, K.D., Dey, S. High-level synthesis for testability: a survey and perspective 82845
Wagner, L. *see* Kudva, S.M. 92351
Wagner, L. *see* McAndrew, C. 63627
Wagner, L. *see* Nguyen, P. 93317
Wagner, L.F. *see* McAndrew, C.C. 115157
Wagner, M. *see* Alphenaar, B.W. 105865
Wagner, M.W., Liebenow, C., Besenhard, J.O. Electrochemical investigation on lithium/carbon intercalation compounds. An approach to understanding the interface 112238
Wagner, M.W. *see* Liebenow, C. 112232
Wagner, R.E. A digital editing suite in an analog environment 68928
Wagner, R.E. Computer images in television production 88802
Wagner, R.E., Alferness, R.C., Saleh, A.M., Goodman, M.S. MONET: multiwavelength optical networking 78917
Wagner, R.E. *see* Ali, M.P. 78924
Wagner, R.E. *see* Khrais, N.N. 78856
Wagner, R.E. *see* Khrais, N.N. 88612
Wagner, R.E. *see* Khrais, N.N. 88655
Wagner, R.J. *see* Hoffman, C.A. 74434
Wagner, R.L. *see* Chew, W.C. 76408
Wagner, R.S. *see* Han, S. 62700
Wagner, S. *see* Branz, H.M. 94243
Wagner, S. *see* Conde, J.P. 114720
Wagner, S. *see* Gleskova, H. 63214
Wagner, S. *see* Gleskova, H. 63745
Wagner, S. *see* Nakata, M. 92884
Wagner, S. *see* Taguchi, M. 94285
Wagner, S.R. *see* Alexandrof, V.A. 100628
Wagner, T. *see* Bluethner, K. 95083
Wagner, W. *see* Bernadas, S. 79200
Wagner, W.E., III, Filozof, R., Gong, S., Miller, F., Young, D., White, M. Contamination of Si devices by SiC 113482
Wagner, W.E., III *see* Siergiej, R.R. 63954
Wagner-Riddle, C., Thurtell, G.W., Kidd, G.E., Edwards, G.C., Simpson, I.J. Micrometeorological measurements of trace gas fluxes from agricultural and natural ecosystems 70521
Wagoner, G.A. *see* Sun, F.G. 69468
Wagreich, R.B., Atia, W.A., Singh, H., Sirkis, J.S. Effects of diametric load on fibre Bragg gratings fabricated in low birefringent fibre 75502
Wagreich, R.B., Davis, C.C. Magnetic field detection enhancement in an external cavity fiber Fabry-Perot sensor 119704
Wagstaff, R.A., George, J. Phase variations in a fluctuation based processor 119328
Wah Chan, Orailoglu, A. High-level synthesis of gracefully degradable ASICs 73183
Wah Wong Ping *see* Ping Wah Wong
Wah Wu Chai *see* Chai Wah Wu
Wahab, M.A., Holden, J.M., Rees, S.J. Reconfigurable image coprocessor for mathematical morphology 87160
Wahab, M.A., Shewring, I.W., Rees, S.J. High-level design methodology for the implementation of image processing ASICs 83160
Wahaus, C.W. *see* Ziegler, J.F. 72394
Wahba, A.M., Borrione, D. A method for automatic design error location and correction in combinational logic circuits 83090
Wahba, A.M., Borrione, D. Automatic diagnosis may replace simulation for correcting simple design errors 113825
Wahi, A. *see* Konenkamp, R. 62823
Wahid, P., Sundaram, K.B. Education and the IEEE 103350
Wahid, P. *see* Mortazawi, A. 103351
Wahid, P.F., Christodoulou, C.G. Overview of issues relating to low frequency electric and magnetic fields 70274
Wahid, P.F. *see* Christodoulou, C.G. 65830
Wahid, P.F. *see* Sundaram, K.B. 104099
Wahl, E.H., Owano, T.G., Kruger, C.H., Zalicki, P., Ma, Y., Zare, R.N. Measurement of absolute CH$_3$ concentration in a hot-filament reactor using cavity ring-down spectroscopy [diamond CVD] 72929
Wahl, F.M. *see* Kruse, E. 76954
Wahl, H. *see* Barr, G.D. 90213
Wahl, H. *see* Barr, G.D. 100933
Wahl, H. *see* Hallgren, B. 90201
Wahl, H. *see* Hallgren, B. 100956
Wahl, J., Fertig, W. Colour displays with LCDs 110306
Wahl, M. *see* Erdmann, R. 119568
Wahl, M.H. *see* Hawsung Kwon 115748
Wahl, R.L. *see* Chiao, P. 101322
Wahl, R.L. *see* Raylman, R.R. 120394

Wahlberg, L.-G. MAX-imising Oskarshamn 1 [nuclear reactor] 91298
Wahlberg, P., Salomonsson, G. Feature extraction and clustering of EEG epileptic spikes 120453
Wahlbin, L.B. *see* Schatz, A.H. 61038
Wahlers, R. *see* Stein, S.J. 91940
Wahlgren, P. *see* Pettersson, J. 74775
Wahlqvist, M., Larsson, R., Ostberg, C. Time synchronization in the uplink of an OFDM system 118975
Wahlqvist, M. *see* Larsson, R. 118882
Wahlroos, T. *see* Porra, V. 118915
Wahlstrom, B., Haapanen, P., Laakso, K., Pulkkinen, U. Safety of nuclear power; who learns from whom? 111725
Wahlstrom, B., Wastberg, B., Linden, K. A new AC three-phase test line facility for testing compact line design 102152
Waho, T., Chen, K.J., Yamamoto, M. A novel multiple-valued logic gate using resonant tunneling devices 61712
Waho, T., Chen, K.J., Yamamoto, M. A literal gate using resonant-tunneling devices 73312
Waho, T. *see* Chen, K.J. 61856
Waho, T. *see* Shimizu, N. 103402
Wahrburg, J., Schmidt, K.-U., Gotz, M.H., Kappings, K., Golz, S. Concept of a novel laser probe for minimal invasive applications in neurosurgery 80459
Wahsh, S. *see* Ismail, F. 102653
Wahshi Su *see* Wuyuan Lin 82975
Wahyudiati *see* Purnomo, M.H. 121257
Wai, D.L.T. *see* Chan, A. 73366
Wai, D.L.T. *see* Kumar, S. 72303
Wai, G.J., Bonwick, W.J. Nonstationary behaviour of partial discharges in a generator stator conductor due to voltage conditioning effects 111872
Wai, P.A.K., Kath, W.L., Menyuk, C.R., Marcuse, D. Nonlinear polarization mode dispersion in optical fibers with randomly varying birefringence 116062
Wai, P.K.A., Menyuk, C.R., Raghavan, B. Wavelength division multiplexing in an unfiltered soliton communication system 78925
Wai, P.K.A. *see* Saxena, S. 95904
Wai Chang Kok *see* Kok Wai Chang
Wai Ho Mow Extended Shannon's inequality and the asymptotic capacity of T-user binary adder channel 66229
Wai Ho Mow A unified construction of perfect polyphase sequences 66232
Wai Hong Wong *see* Wong Wai Hong
Wai Kit Lam, Chi Kwong Li Binary sorter by majority gate 93225
Wai Lee A 4-channel, 18 b ΣΔ modulator IC with chopped-offset stabilization 73488
Wai Lee Ko, Mittra, R. Scattering of resistive sheets in layers of Earth 80611
Wai Leong Hon *see* Hon Wai Leong
Wai Leung Chun *see* Chun Wai Leung
Wai Man Y K L Yu *see* Yu Wai Man Y K L
Wai Mun Lee, Kirk, S., Chiu Tse Photoresist removal after plasma etching of metal film using TiW as antireflective coating or as a barrier metal 63424
Wai Phang Kok *see* Phang Kok Wai
Wai Ying Kan, Krogmeier, J.V., Doerschuk, P.C. Model-based vehicle tracking from image sequences with an application to road surveillance 87204
Wai-Cheung Tang *see* Mansour, R.R. 99401
Wai-Chi Fang, Sheu, B.J., Wall, J. On-board neural processor design for an intelligent multi-sensor microspacecraft 93642
Wai-Hoi Wong, Guoji Hu, Weizhao Lu, Hicks, K., Uribe, J. A front end electronic design with sliding ADC channels and X-Y decoder for a position sensitive scintillator block array 101115
Wai-Hoi Wong, Uribe, J., Weizhao Lu, Guoji Hu, Hicks, K. Design of a variable field prototype PET camera 90345
Wai-Hoi Wong, Uribe, J., Weizhao Lu, Guoji Hu, Hicks, K. Design of a variable field prototype PET camera 101103
Wai-Kai Chen *see* Hui Yun Wang 93012
Wai-Kai Chen *see* Yi-Sheng Zhu 93545
Wai-Man Lam, Kulkarni, S.R. Extended synchronizing codewords for binary prefix codes 66386
Wai-Yeung Yip *see* Chi-Taou Tsai 60611
Wai-Yeung Yip *see* Chi-Taou Tsai 94124
Waichman, K. *see* Kalisky, Y. 107051
Waicukauski, J. *see* Wohl, P. 104485
Waidlich, J., Pearce, C.K., Bird, G.R., Ewanizky, T.F. Performance of some rhodamone dyes designed for high efficiency broadband lasing output 96127
Waidner, M. *see* Steiner, M. 76740
Waight, J. *see* Vilar, E. 97136
Waikar, D.L., Liew, A.C., Sr., Elangovan, S., Sr. Three-stage performance evaluation of a new digital distance relaying algorithm 102247
Waily, R.S.A. *see* Fyath, R.S. 68484
Wainman, P.A. *see* Rickard, R.P. 76660
Wainright, J.S. *see* Wang, J.-T. 112308
Wainstain, J. *see* Tignon, J. 63034
Wainwright, D.S. *see* Wu Li 81702
Wainwright, S.P., Hall, S., Flandre, D. Accurate threshold voltage measurement for use with SOISPICE 84036
Waissi, G.R., Rossin, D.F. A sigmoid approximation of the standard normal integral 72651
Waisum Wong, Icel, A. A comprehensive methodology and model for the characterization of hot-carrier induced MOS device degradation 95021
Waisum Wong, Shekar, M.S. SPICE modeling of the emitter switched thyristor 63653
Waisum Wong *see* Hing-Yan To 106230
Wait, J. Electromagnetic response of an anisotropic half-space model when the medium striations are tilted relative to the vertical 97024
Wait, J.R. On the PML concept: a view from the outside 76396
Wait, P.C., Newson, T.P. Reduction of coherent noise in the Landau Placzek ratio method for distributed fibre optic temperature sensing 119712
Waite, J., Wilson, T.G., Jr. Use of simulation to understand and predict switching losses in a two-stage power factor corrected AC-to-DC converter 71409
Waiters, D. *see* Frank, R. 91263
Wajid, A. Method and a simple apparatus for rapid simultaneous measurement of resonance frequency and Q factor of a quartz crystal 64090
Wajiki, A. *see* Yamashita, M. 76166
Wajima, K., Umetsu, K., Naito, S., Ueyama, T., Sonoda, S. Improved design of magnetizer for magnetic powder flaw detection with AC nonlinear analysis 115880
Wajsgras, H. *see* Vaidyanathan, H. 112273
Wakabashi, T. *see* Kumai, H. 95853
Wakabayashi, H., Yamakita, J., Kominami, M. Electromagnetic scattering by double periodic array of arbitrarily shaped elements 76398
Wakabayashi, H. *see* Inamori, M. 73418
Wakabayashi, H. *see* Mogami, T. 63483
Wakabayashi, H. *see* Shimamoto, S. 95590
Wakabayashi, I., Miyauchi, K. Design of dielectric multilayer bandpass filters using fundamental thickness of layers 116192
Wakabayashi, I., Miyauchi, K. Design of dielectric multi-layer bandpass filters using arbitrary thickness of layers 116197
Wakabayashi, R. *see* Sumihiro, S. 108066
Wakabayashi, S., Totani, H., Sakata, M., Ikeda, M., Goto, H., Takeuchi, M., Yada, T. Study on mechanical characteristics of PZT thin film for sensors and actuators 74923
Wakabayashi, S. *see* Koide, T. 61549
Wakabayashi, S. *see* Koyama, T. 92219
Wakabayashi, S. *see* Oki, I. 123823
Wakabayashi, S. *see* Sakata, M. 75034
Wakabayashi, T., Yan Deng, Tsuruoka, S., Kimura, F., Miyake, Y. Accuracy improvement by nonlinear normalization and feature compression in handwritten Chinese character recognition 67434
Wakabayashi, T. *see* Hirai, Y. 89447
Wakabayashi, T. *see* Kashiwagi, T. 102438
Wakabayashi, T. *see* Kodato, S. 89051
Wakabayashi, T. *see* Momose, T. 96701
Wakabayashi, T. *see* Tsuruoka, S. 90416
Wakahara, A., Tokuda, T., Sasaki, A. Growth of GaN films by plasma-excited organometallic vapor phase epitaxy 104070
Wakahara, Y. *see* Mukasa, T. 78152
Wakai, K., Ikeda, H., Jinzhu Li PSK data transmission for use in medium wave broadcasting systems 119382
Wakaki, M., Iwase, M., Show, Y., Koyama, K., Sato, S., Nozaki, S., Morisaki, H. Raman spectroscopy of germanium films deposited with cluster-beam technique 92819
Wakaki, M., Komachi, Y., Machida, H., Kobayashi, H. Fiber-optic polarizer using birefringent crystal as a cladding 75476
Wakamatsu, M. *see* Kohama, T. 121780
Wakamiya, K. *see* Osawa, H. 117259
Wakamiya, N., Murata, M., Miyahara, H. Performance analysis of traffic control methods on mixed traffic classes in ATM LAN 67527
Wakamiya, N., Murata, M., Miyahara, H. Fair bandwidth allocation in FRP-based ATM local area networks 77984
Wakamiya, N. *see* Ohsaki, H. 109010
Wakamiya, W., Hirayama, M., Yasuoka, A., Kawai, A. Adhesion improvement of photoresist on TiN/Al multilayer by ozone treatment 115039
Wakamoto, M. *see* Fukuda, K. 77880
Wakamura, H. *see* Ikebukuro, K. 110236
Wakana, H. *see* Huan-Bang Li 66264
Wakana, S.-I. *see* Nees, J. 106115
Wakano, M., Ohtsu, K., Minerva, R., Kobayashi, H. TINA-C service architecture 67929
Wakao, S. *see* Onuki, T. 91557
Wakao, S. *see* Onuki, T. 103136
Wakao, S. *see* Onuki, T. 111896
Wakasugi, K. *see* Minami, N. 66248
Wakasugi, K. *see* Minami, N. 86341
Wakasugi, K. *see* Wadayama, T. 97485
Wakasugi, T. Estimation of quality of OSI test suites by using necessity rate and it's application 67586
Wakasugi, T. An estimation method of OSI test suites: Multi-transition testing 67587
Wakasugi, T. Estimation of quality of conformance test suites of transport protocols developed by ISO 67588
Wakata, M. *see* Nozaki, A. 79588
Wakatani, M. *see* Ninomiya 64569
Wakatsuki, A. *see* Ohiso, Y. 96377
Wakatsuki, A. *see* Suzuki, Y. 114780
Wakatsuki, M. *see* Li Wei 61139
Wakatsuki, N., Mizutani, K., Nagai, K. Measurement of vibration at a surface using an ultrasonic probe 89509
Wakatsuki, N., Ono, M., Yamada, S., Kikuchi, K., Yamauchi, M. Suppression of null signals in LiTaO$_3$ crystal fork vibratory gyroscope 106393
Wakatuki, N. *see* Kudo, S. 89002
Wakaya, F. *see* Yoshiiwa, M. 115109
Wakayama, H. *see* Kanno, T. 69273
Wakayama, T. *see* Sato, T. 109761
Wake, D. Millimetre-wave InGaAs/InP heterojunction bipolar phototransistors 62251
Wake, D. Millimetre-wave optoelectronics for fibre-fed radio 78849
Wake, D., Lima, C.R., Davies, P.A. Optical generation and transmission of 60 GHz signals over 100 km of optical fibre using a dual-mode semiconductor laser 109690
Wake, D. *see* Lima, C.R. 96419
Wake, D. *see* Mirshekar-Syahkal, D. 76600
Wake, D. *see* Noel, L. 114250
Wake, D. *see* Noel, L. 119133
Wake, M., Muroya, M., Ohnishi, J., Sato, H. Battery operation of superconducting magnet 95591
Wake, M. *see* Jaffery, T.S. 100462
Wake, M. *see* Ono, M. 100494
Wakebe, Y. *see* Someya, M. 69281
Wakefield, G.H. *see* Pielemeier, W.J. 108251
Wakejima, A. *see* Ando, Y. 63783
Wakejima, A. *see* Fujihara, A. 63795
Waki, H. *see* Tsuchimoto, M. 64516
Waki, K., Hachijin, T. Case studies in environmental assessment of products and life cycle assessment 72357
Waki, M. *see* Kasai, J. 92215
Wakihara, M., Li Gouhua, Sakuma, K., Ikuta, H., Uchida, T. Relation between OCV and thermodynamic functions on LiV$_{2-x}$Mn$_x$O$_4$ and LiM$_2$O$_4$(M=Ti,Mn) in lithium batteries 81662
Wakihara, M. *see* Li Guohua 91718
Wakihara, M. *see* Uchida, T. 121845
Wakimoto, H., Oku, T., Koide, Y., Murakami, M. Effects of small amounts of silver added to NiGe ohmic contacts to n-type GaAs 63119
Wakimura, Y. *see* Chiba, Y. 98991
Wakisaka, K. *see* Matsuyama, T. 92881
Wakisaka, K. *see* Tomimasu, T. 76063
Wakisaka, K. *see* Tomimasu, T. 107395
Wakisaka, T. *see* Fukushima, T. 118660
Wakita, K., Yoshino, K., Kotaka, I., Kondo, S., Noguchi, Y. Blue-chirp electroabsorption modulators with very thick quantum wells 95827
Wakita, K. *see* Kobayashi, A. 96534
Wakita, K. *see* Kuwano, S. 88648
Wakita, K. *see* Okuma, S. 107400
Wakita, K. *see* Oshita, E. 96437
Wakita, K. *see* Saeki, K. 96448
Wakita, K. *see* Sano, A. 78876
Wakita, K. *see* Tomimasu, T. 76063
Wakita, K. *see* Tomimasu, T. 107395
Wakita, K. *see* Yamanaka, T. 74389
Wakita, K. *see* Yoshimoto, N. 99460
Wakita, M., Hirose, M., Goshima, H., Hayakawa, N., Hikita, M., Okubo, H. Prebreakdown phenomena of dynamic breakdown of liquid helium caused by quench of superconducting wire 102182
Wakita, M. *see* Hayakawa, N. 75007
Wakita, N., Takagi, K., Iwadare, Y. The design of totally self-checking checkers for some classes of Hadamard codes 97442
Wakiwaka, H., Nishizawa, H., Yanase, S., Maehara, O. Analysis of impedance characteristics of meander coil 114350
Wakiwaka, H., Umezawa, T., Kuwahara, K., Kamata, H., Yoshikawa, T. Examination of the shape variation and stress distribution of vibration elements using giant magnetostrictive material 70554
Wakiwaka, H. *see* Kikuchi, Y. 106640
Wakiwaka, H. *see* Yajima, H. 81485
Wakiya, Y. *see* Fukushima, K. 91774
Wakiya, Y. *see* Takahashi, C. 84862
Wakiyama, T. *see* Shimatsu, T. 106530
Wakiyama, T. *see* Shimatsu, T. 106531
Wakiyama, T. *see* Takahashi, M. 64327
Waks, E., Prince, J.L., Douglas, A.S. Cardiac motion simulator for tagged MRI 110745
Waksman, Z. *see* Galperin, A. 82518
Wakuta, K. A new class of policies in vector-valued Markov decision processes 108098
Wal, G.van der *see* van der Wal, G.
Wal, M.Van der *see* Van der Wal, M.
Walasek, E. *see* Jonas, S. 82763
Walavalkar, V. *see* Sukhatme, J.S. 111093
Walberer, A. Simulation models for IFF system performance analysis 80728
Walbridge, D.G.C. *see* Brown, B.C. 90058
Walbridge, D.G.C. *see* Glass, H.D. 100644
Walbridge, D.G.C. *see* Harding, D.J. 89795
Walbridge, D.G.C. *see* Harding, D.J. 89796
Walch, B. *see* Newton, G. 65658
Walchi, U. Dry leak detection [IC manufacture] 82165
Walchli, U., Stockli, A.L., Rapp, F., Bosch, M.A., Schmid, A. Fundamental leak calibration system for gas leaks with a defined pressure difference over the leak element 89559
Walck, S.D. *see* Eyink, K.G. 82684

Walck, S.D. *see* Voevodin, A.A. 92807

Walckiers, L., Leroy, D., Oberli, L., Ostler, J., Mateos, F.R., Siegel, N., Siemko, A. Power tests of single and twin aperture superconducting dipole models for LHC 90042

Walckiers, L. *see* Ostler, J. 90043

Walcott, B.L. *see* Adkins, C.A. 97011

Walcott, P.A., Ellis, T.J. The localisation of objects in real world scenes using colour 87062

Walczak, J., Obrebski, G. An algorithm for computation of optimal loads in the matching state 93063

Walczak, J. *see* Pasko, M. 101739

Walczowski, L.T., Waller, W.A.J., Nalbantis, D. VLSI design training with the help of the World Wide Web 82118

Walczyk, S. *see* Tiemeijer, L.F. 96385

Walczyna, A.M., Hasse, K., Czarnecki, R. Input filter stability of drives fed from voltage inverters controlled by direct flux and torque control methods 121920

Walczyna, A.M. *see* Janiszewski, P. 112509

Wald, F.V. *see* Bell, R.O. 103002

Walden, B. *see* Baringer, C. 93534

Walden, L. *see* Brueck, H.J. 74648

Walden, R. *see* Gamelin, J. 88652

Waldi, R. *see* Koch, N. 80129

Waldman, D.A., Ingwall, R.T., Dhal, P.K., Horner, M.G., Kolb, E.S., Li, H.-Y.S., Minns, R.A., Schild, H.G. Cationic ring-opening photopolymerization methods for volume hologram recording 96830

Waldman, J. *see* Dai, D. 62301

Waldo, R.E. *see* Theodoropoulos, P.T. 75793

Waldorf, J. Large area ion and plasma beam sources 100790

Waldron, R.J., Cook, G.G. Computer model for the simulation of printed superdirective HTS spiral antennas 66110

Waldron, R.J. *see* Khamas, S.K. 108027

Waldschmidt, G. *see* Nassiri, A. 90086

Waldschmidt, K. *see* Grimm, C. 113686

Waldvogel, J.M., Poulikakos, D. Solidification phenomena in picoliter size solder droplet deposition on a composite substrate 112880

Wale, J.D., Pollock, C. Novel converter topologies for a two-phase switched reluctance motor with fully pitched windings 121976

Wale, K. *see* Gillard, P. 77901

Walenta, A.H. *see* Dix, W.R. 70096

Wales, C. *see* Carsey, F. 120683

Wales Kin Fai Wong *see* Tsang, D.H.K. 87356

Waligorski, M.P.R. *see* Budzanowski, M. 110989

Waligorski, M.P.R. *see* Budzanowski, M. 110993

Waligorski, M.P.R. *see* Kalmykov, L. 110994

Walinsky, P. *see* Hsu, S.S. 120500

Walivadekar, V.N., Manjunath, H., Babu, V.S., Saddar, K. Development of transistorised PWM inverter fed induction motor drive for electric vehicle–a case study 112580

Walivadekar, V.N., Pillai, S.K., Sadistap, S.S., Bhandhari, R. PC based data acquisition system for measurement of switched reluctance motor (SRM) 111934

Walivadekar, V.N., Sarat Babu, V., Aparna, C. Sensorless electronic tachometer for squirrel cage induction motor 111949

Walke, B., Petras, D., Plassmann, D. Wireless ATM: air interface and network protocols of the mobile broadband system 109401

Walker, A.B. *see* Briggs, P.J. 73742

Walker, A.B. *see* Dunn, G.M. 69184

Walker, A.B. *see* Wilson, S.P. 110160

Walker, A.C., Neilson, D.T., Desmulliez, M.P.Y., Tooley, F.A.P., Dines, J.A.B., Baillie, D.A., Prince, S.M., Wilkinson, L.C., Taghizadeh, M.R., Snowdon, J.F., Wherrett, B.S., Stanley, C., Pottier, F., Williams, R., Underwood, L., Vass, D.G., Sibbett, W., Dunn, M.H. An optoelectronic bitonic sorter using CMOS/InGaAs smart pixel technology 85336

Walker, A.C. *see* Gontijo, I. 114785

Walker, A.C. *see* Massa, J.S. 74371

Walker, A.D., Williams, D. Thermal design considerations in the design and application of DC-DC converters 71474

Walker, A.R. *see* Suntzeff, N.B. 69319

Walker, B. *see* Gifford, A.D. 64686

Walker, B. *see* Ives, D.J. 64682

Walker, C. *see* Deryn Chu 112319

Walker, C. *see* Gehrke, M. 113127

Walker, C. *see* Khormaei, R. 89325

Walker, C. *see* Stamatakis, E.A. 80330

Walker, C.K. *see* Gusten, R. 68806

Walker, C.W., Jr., Cox, J.D., Salomon, M. Conductivity and electrochemical stability of electrolytes containing organic solvent mixtures with lithium tris(trifluoromethanesulfonyl)methide 71616

Walker, D. International accounting rates: a perspective 77812

Walker, D. *see* Kung, P. 100008

Walker, D. *see* Kung, P. 113291

Walker, D. *see* Saxler, A. 100009

Walker, D. *see* Zhang, X. 94633

Walker, D.B., Glytsis, E.N., Gaylord, T.K. Ferroelectric liquid-crystal waveguide modulation based on a switchable uniaxial-uniaxial interface 85109

Walker, D.J.C. *see* Wooldridge, I. 75317

Walker, D.M. *see* Crowley, R.D. 99641

Walker, D.M.H. *see* Balachandran, H. 104548

Walker, D.M.H. *see* Yuyun Liao 104487

Walker, D.T., Lyzenga, D.R., Ericson, E.A., Lund, D.E. Radar backscatter and surface roughness measurements for stationary breaking waves 111244

Walker, E. *see* Gehrke, M. 113127

Walker, E. *see* Liu, J. 86794

Walker, E. *see* Roulin, M. 75325

Walker, E.L. *see* Chandra, P.R. 87698

Walker, E.P. *see* Milster, T.D. 64636

Walker, E.P. *see* Milster, T.D. 95662

Walker, H.R. VPSK modulation: A tutorial 97438

Walker, J. *see* Dixon, A. 99733

Walker, J. *see* Gotz, W. 114891

Walker, J.A., Goossen, K.W., Arney, S.C., Frigo, N.J., Iannone, P.P. A 1.5 Mb/s operation of a MARS device for communications systems applications 119197

Walker, J.A. *see* Chirovsky, L.M.F. 85334

Walker, J.A. *see* Ford, J.E. 95642

Walker, J.A. *see* Goossen, K.W. 84663

Walker, J.A. *see* Krishnamoorthy, A.V. 65002

Walker, J.A. *see* Woodward, T.K. 78867

Walker, J.A. *see* Woodward, T.K. 85333

Walker, J.A. *see* Woodward, T.K. 88610

Walker, J.F. *see* Gmachl, C. 65325

Walker, J.L. A new approach to the main conjecture on algebraic-geometric MDS codes 117215

Walker, J.L. *see* Workman, G.L. 113001

Walker, J.L., II *see* Hill, E.v.K. 82816

Walker, J.L.B. Understand the basics of FET operating classes 104817

Walker, J.S. *see* Khine, Y.Y. 113276

Walker, J.W. *see* Britton, C.L., Jr. 110617

Walker, J.W. *see* Ericson, M.N. 90206

Walker, J.W. *see* Ericson, M.N. 100924

Walker, K. *see* Namkyoo Park 96150

Walker, K. *see* Park, N. 68374

Walker, K. *see* Park, N. 88564

Walker, K. *see* Wrobbel, D. 61941

Walker, L. *see* Dashney, G. 115122

Walker, M. *see* Heitkamper, P. 67996

Walker, M. *see* Katz, C. 121163

Walker, M.L. *see* Broesch, J.D. 93631

Walker, N. Migrating clients to Fast Ethernet 118422

Walker, N. *see* Pulliainen, J. 120679

Walker, N. *see* Thompson, C. 112794

Walker, N. *see* Zimmermann, F. 89651

Walker, N.G. *see* Gleeson, L.M. 64676

Walker, N.G. *see* Lowe, E.D. 119139

Walker, N.G. *see* Schuh, R.E. 85018

Walker, P.D., Green, M.M. A tunable pulse-shaping filter for use in a nuclear spectrometer system 80126

Walker, P.D., Green, M.M. CMOS half-wave and full-wave precision voltage rectification circuits 93108

Walker, P.G. *see* Ostermayer, G. 64897

Walker, P.J. *see* Cao, S. 114686

Walker, P.J. *see* Daly, M.S. 62901

Walker, P.J. *see* Daly, M.S. 63023

Walker, P.J. *see* Daly, M.S. 105364

Walker, P.J. *see* Grey, R. 119674

Walker, P.J. *see* Klipstein, P.C. 103844

Walker, P.J. *see* Nicholas, R.J. 62973

Walker, P.J. *see* Vaughan, T.A. 62863

Walker, P.M. *see* Catford, W.N. 69884

Walker, R. *see* Corrie, L. 80708

Walker, R.A. *see* Chaudhuri, S. 61569

Walker, R.G. *see* Bachmann, E.R. 88790

Walker, R.G. *see* Janz, C.F. 64768

Walker, R.H. *see* Wells, R.H. 103429

Walker, R.P., Bracco, R., Codutti, A., Diviacco, B., Millo, D., Zangrando, D. Status of ELETTRA insertion devices 100451

Walker, R.P., Bulfone, D., Cargnello, F., Castellano, M., Cevenini, F., Ciocci, F., Cutolo, A., D'Auria, G., Daclon, F., Dattoli, G., De Angelis, A., Dipace, A., Doria, A., Ferianis, M., Gallerano, G.P., Garosi, F., Giannessi, L., Giannini, M., Giovenale, E., Margaritondo, G., Massarotti, A., Mezi, L., Ottaviani, P.L., Patteri, P., Renieri, A., Rindi, A., Rosei, R., Rubbia, C., Sabia, E., Segreto, A., Tazzari, S., Tazzioli, F., Torre, A., Visintini, R., Wrulich, A., Zangrando, D. The FERMI FEL project at Trieste 96521

Walker, R.P. *see* Bocchetta, C.J. 79809

Walker, R.P. *see* Bulfone, D. 76053

Walker, R.P. *see* D'Auria, G. 79875

Walker, R.P. *see* Svandrlik, M. 100632

Walker, R.P. *see* Zangrando, D. 100280

Walker, S. The Meeting Place: Qualitative aspects of product environmental assessment 113051

Walker, S.R., Johnston, P.N., Bubb, I.F., Stannard, W.B., Jamieson, D.N., Dooley, S.P., Cohen, D.D., Dytlewski, N., Martin, J.W. Damage in semiconductor materials during heavy-ion elastic recoil detection analysis 94232

Walker, S.R. *see* Persson, L. 105730

Walker, S.R. *see* Persson, L. 114987

Walkey, D.J., Schroter, M., Voinigescu, S. Predictive modelling of lateral scaling in bipolar transistors 63622

Walkey, D.J. *see* Chudobiak, M.J. 94891

Walkey, D.J. *see* Schroter, M. 115158

Walkiewicz-Pietrzykowska, A. *see* Wrobel, A.M. 82762

Walkowicz, J. Application of the space-time spectral diagnostic method to the process of diamond thin films deposition from pulsed plasma 72874

Walkup, J.F. *see* Storrs, M. 95937

Wall, B.F. *see* Hart, D. 90667

Wall, E.E.Van der *see* Van der Wall, E.E.

Wall, G.A. *see* Chaddha, N. 118211

Wall, J. *see* Wai-Chi Fang 93642

Wall, K.F., Rosiewicz, A. Dual-polarization microchip lasers for communications applications 78669

Wall, M.A. *see* Michel, R.P. 64361

Wall, S. *see* Franceschetti, G. 111102

Wallace, A. *see* Lewis, T. 91830

Wallace, A.K., Boger, M.S., Wiedenbrug, E. Medium- and high-voltage, low-speed drives using low-voltage IGBT converters 71771

Wallace, A.M. *see* Umasuthan, M. 86306

Wallace, A.R., Renton, M.W. Expert system management of cascaded hydro-electric schemes 91378

Wallace, A.R., Stapleton, S.A. Renewable energy generation schemes embedded in rural grid systems 102333

Wallace, A.R., Wilkinson, R.E. A sensitivity analysis of capital and operating costs of mini-hydro generating plant 91380

Wallace, B. *see* Lovberg, J. 111178

Wallace, C.G., Kelly, A.E., Uttamchandani, D., Andonovic, I. New code for communications network fault finding using a spread spectrum approach 68453

Wallace, D.A. Museums on the World Wide Web: a survey and analysis of sixteen institutions 67748

Wallace, D.R. *see* Shu, L.H. 72225

Wallace, E., Diffley, C., Aldridge, J. Good practice for the management and operation of town centre CCTV 119489

Wallace, G. *see* Bickford, C. 83606

Wallace, J. *see* Buer, M. 109874

Wallace, J. *see* Francisco, H.A. 62420

Wallace, J.M. *see* Brownlie, G.D. 74214

Wallace, J.S. *see* Garcia, J.A. 89196

Wallace, P. *see* Gang Zheng 119696

Wallace, P.A. *see* Campbell, M. 79483

Wallace, P.A. *see* Yatao Yang 79494

Wallace, P.M. *see* Schmid, G.J. 120215

Wallace, R. *see* Kostic, A.D. 83046

Wallace, R. *see* Moran, L. 121106

Wallace, R.L., Jagannathan, B., Gu, X., Sridhar, N., Etemadi, K., Chung, D.D.L., Anderson, W.A. Low-cost, thin-film silicon for terrestrial solar cells 112376

Wallace, S.W. *see* Easter, W.G. 63151

Wallace, S.W. *see* Gassmann, H.I. 82451

Wallace, T., Taylor, F. Error detection for fast Toeplitz eigensolvers 66824

Wallace, W.L., Tsuo, S. Renewable energy opportunities in China 111717

Wallace-Freedman, W.G. *see* Wei, T. 79674

Wallach, D.A., Engler, D.R., Kaashoek, M.F. ASHs: Application-specific handlers for high-performance messaging 118119

Wallach, E.R. *see* Kang, D.-J. 95437

Wallage, S., Tauritz, J.L., Hadley, P., Lander, L., Mooij, J.E. High T_c superconducting CPW bandstop filters 83412

Wallaschek, J. *see* Krome, J.W. 91577

Wallaschek, J. *see* Krome, J.W. 112019

Walldorf, S.P., Ghafurian, R., Tang, L. Demonstration of advanced pressurization plant automation technology 121172

Walle, C.G.Van de *see* Van de Walle, C.G.

Walle, E.van *see* van Walle, E.

Wallenberg, R. *see* Seifert, W. 105375

Wallensteen, M. *see* Hu, J. 90467

Waller, B. *see* Ellenberger, C. 94088

Waller, B. *see* Schubert, B. 94087

Waller, B.M. *see* Iman, R.L. 73856

Waller, D. *see* Coccia, L.G. 92868

Waller, G. *see* Fernandes, D. 111147

Waller, M.A. *see* Ahire, S.L. 82284

Waller, W.A.J. *see* Walczowski, L.T. 82118

Wallertz, B. *see* Hemphill, H. 73833

Wallet, B.C., Marchette, D.J., Solka, J.L. A matrix representation for genetic algorithms 86940

Wallin, H. *see* Ambroladze, A. 113207

Wallin, J. *see* Streubel, K. 96379

Walling, L.S. *see* Swenson, D.A. 79920

Walling, R. *see* Bell, P. 67966

Walling, R.A. *see* Iravani, M.R. 91033

Wallinga, H. *see* De Haan, P.E. 84608

Wallinga, H. *see* Klootwijk, J.H. 83816

Wallinga, H. *see* Klootwijk, J.H. 84017

Wallington, S.-A., Wright, J.D., Thorpe, S.C. Solvent detection by sol-gel-entrapped fluorescent cyclodextrins 69068

Wallis, B. *see* McCullagh, M. 63903

Wallis, M. *see* Peacock, A. 99994

Wallisch, K. *see* Donhoffer, D. 82285

Wallmann, G. *see* Pichler, P. 62669

Wallner, F. Colour-codable sleep EEG power density spectra 70113

Wallon, J., Bianic, S., Bauduin, B., Devoldere, P.Y. InGaAs/Ga(Al)As and Al-free 980 nm pump laser diodes: electro-optical properties and reliability issues 96308

Wallon, J. *see* Bauduin, B. 116474

Wallow, T.I., Houlihan, F.M., Nalamasu, O., Chandross, E.A., Neenan, T.X., Reichmanis, E. Evaluation of cycloolefin-maleic anhydride alternating copolymers as single-layer photoresists for 193 nm photolithography 105788

Wallrabe, U., Menz, T., Mohr, J., Schaufler, M., Schworer, M. Radial and axial-flow microturbines providing power output 111827
Wallrabe, U., Mohr, J., Tesari, I., Wulff, K. Power characteristics of 3-D operated microturbines for minimally invasive therapy 80427
Wallraff, G.M., Opitz, J., Breyta, G., Ito, H., Fuller, B. Method of comparing chemical contrast with resist contrast 105768
Wallraff, G.M. *see* Allen, R.D. 105786
Wallraff, G.M. *see* Kunz, R.R. 105789
Walls, J.A. *see* Lloyd, J.R. 115000
Walls, R.W. *see* Daugert, R.D. 104797
Wallstedt, K. *see* Almgren, M. 78528
Wallstedt, K. *see* Almgren, M. 109553
Walmsley, I.A., Wong, V. Characterization of noisy trains of ultrashort pulses 100370
Walmsley, I.A. *see* Fittinghoff, D.N. 79739
Walmsley, M., Abram, R.A. A fast Poisson solver for realistic semiconductor device structures 105841
Walmsley, N.S., Hart, A., Parker, D.A., Chantrell, R.W., Miles, J.J. A simulation of the role of physical structure on feature sizes in exchange coupled longitudinal thin film 106578
Walmsley, N.S., Hart, A., Parker, D.A., Dean, C., Chantrell, R.W. The effect of physical structure on δI curves of longitudinal thin film 64179
Walpole, J. *see* Cen, S. 119405
Walpole, J.N. Semiconductor amplifiers and lasers with tapered gain regions 75967
Walrand, J. *see* McKeown, N. 87309
Walrath, J. *see* Narasimhan, N. 104509
Walrave, W. *see* Vink, T.J. 114886
Walraven, J. *see* Toet, A. 67380
Walser, A.D. *see* Priestley, R. 116732
Walser, R.M. *see* Jaemyoung Lee 115525
Walser, R.M. *see* Rengarajan, S. 115625
Walser, R.M. *see* Win, W. 64228
Walser, R.M. *see* Yun, E.J. 64230
Walsh, B. *see* Prokscha, R. 119843
Walsh, C. *see* Duffield, N.G. 77579
Walsh, D. *see* Zimmermann, S. 79258
Walsh, D. *see* Zimmermann, S. 100857
Walsh, D.M. *see* Parizhsky, V. 97574
Walsh, F. *see* Zhang, J. 96102
Walsh, F.N. *see* Danson, C.N. 85429
Walsh, J. *see* Mours, B. 100821
Walsh, J. *see* Mours, B. 120196
Walsh, J.E. *see* Woods, K.J. 96522
Walsh, J.L. *see* O'Gorman, T.J. 73332
Walsh, J.L. *see* Ziegler, J.F. 72394
Walsh, K.M. *see* Sayeed, S.A. 106251
Walsh, M., Ramesh, V.C., Ghosh, K. Impediments to markets for SO_2 emission allowances 71118
Walsh, M.A., III *see* Dixon, B.G. 72959
Walsh, P. Managing network and service pricing 108902
Walsh, R. Crossbar based architectures in signal processing applications 93410
Walsh, R.P. *see* Dixon, I.R. 95570
Walsh, S., El Nadi, W., Boylan, R., Narang, D.S., Warrington, R., Jung, A. Infrastructure considerations for the emerging MEMS markets 72190
Walsh, S. *see* Corbett, B. 76031
Walsh, S. *see* Manolopoulos, S. 120152
Walsh, T.J. Total quality management, the ISO 9002 protocol and reconditioned diagnostic imaging equipment 90259
Walsh, T.M. *see* Aydin, K. 120752
Walster, G.W., Kreinovich, V. For unknown-but-bounded errors, interval estimates are often better than averaging 88890
Walstrom, P. *see* Calvin, H. 106718
Walstrom, P. *see* Deis, G. 106719
Walstrom, P.L. *see* Barlow, D.B. 90056
Walsum, T.Van *see* Van Walsum, T.
Walt, D. *see* Spencer, J. 89666
Walt, P.W.Van Der *see* Van Der Walt, P.W.
Waltar, A.E., Hatcher, S.R. Does America need nuclear electricity? 81227
Waltenberger, J. *see* Ritz, S. 93448
Walter, A.E., Parker, J.W. Effective precision cleaning of flat-panel displays [AMLCDs] 89458
Walter, C., Richards, E.P. Defining scientific misconduct for the benefit of science 60513
Walter, C., Richards, E.P., III Engineering and the law [custodians of information] 112814
Walter, D. *see* Schaefer, T.M. 62513
Walter, D.N., Pruitt, A. Thin film+laminate technology=economical MCMs 73912
Walter, E. *see* Lefebvre, J. 107877
Walter, J., Ritter, H. Rapid learning with parametrized self-organizing maps 98085
Walter, J. *see* Armerding, W. 111219
Walter, J. *see* Wunstorf, R. 105096
Walter, J.S. *see* Riedy, L.W. 70235
Walter, K.C. *see* Wood, B.P. 61393
Walter, K.C. *see* Wood, B.P. 114869
Walter, M. *see* Guo, H. 114537
Walter, M.T., Gilgenbach, R.M., Hochman, J.M., Rintamaki, J.I., Luginsland, J., Lau, Y.Y., Spencer, T.A. Effects of magnetic tapering and tapered tubes on long-pulse, intense e-beam GYRO-BWO microwave emission 62634
Walter, M.T., Gilgenbach, R.M., Luginsland, J.W., Hochman, J.M., Rintamaki, J.I., Jaynes, R.L., Lau, Y.Y., Spencer, T.A. Effects of tapering on gyrotron backward-wave oscillators 105063
Walter, M.T. *see* Hochman, J.M. 69655
Walter, P. Bond testing enters mainstream PCB assembly 82162
Walter, T., Braunger, D., Dittrich, H., Koeble, C., Herberholz, R., Schock, H.W. Sequential processes for the deposition of polycrystalline Cu(In,Ga)(S,Se)$_2$ thin films: Growth mechanism and devices 92941
Walter, T., Herberholz, A.R., Muller, C., Schock, H.W. Determination of defect distributions from admittance measurements and application to Cu(In,Ga)Se$_2$ based heterojunctions 114706
Walter, T. *see* Braunger, D. 81878
Walter, T. *see* Enge, P. 99681
Walter, T. *see* Hariskos, D. 103013
Walter, T. *see* Lawrence, D. 68772
Walter, T. *see* Litz, M.T. 74160
Walter, T. *see* Ruckh, M. 94454
Walter, W.T. Copper lasers in the beginning 116372
Walter-Shea, E.A. *see* Middleton, E.M. 120908
Waltermann, G. *see* Mours, B. 100821
Waltermann, G. *see* Mours, B. 120196
Walters, B.G. *see* Anspach, D.A. 119264
Walters, C.R. Frequency tracking based on a dynamic programming search of potential tracks 68728
Walters, C.R. *see* Baynham, D.E. 90035
Walters, D. *see* Frank, R. 99955
Walters, F.S. *see* Kojima, K. 75991
Walters, G.K. *see* Mulhollan, G. 90109
Walters, M. *see* Pernyeszi, J. 103071
Walters, R.A. *see* Wong, C.P. 83645
Walters, R.J., Messenger, S.R., Cotal, H.L., Summers, G.P., Burke, E.A. Electron and proton irradiation-induced degradation of epitaxial InP solar cells 81910
Walters, R.J., Summers, G.P., Messenger, S.R., Burke, E.A. Correlation of electron and proton irradiation induced damage in InP solar cells 71710
Walters, R.J. *see* Messenger, S.R. 103032
Walters, R.J. *see* Summers, G.P. 71711
Walters, S.D., Howson, P.A., Howlett, R.J., Ryder, D.M., Miller, R.M. Inverse analysis of electrical discharge phenomena by neural network 102202
Walters, W.L. *see* Hall, S.H. 116522
Waltersa, R.J., Messenger, S.R., Cotal, H.L., Summers, G.P. Annealing of irradiated epitaxial InP solar cells 121891
Walterson, R. *see* Wong, Y.M. 119220
Waltersten, T. *see* Sall, N. 91293
Walthall, C.L. *see* Loechel, S.E. 120897
Walther, C. *see* Hildebrand, P.H. 111197
Walther, C. *see* Hildebrand, P.H. 120742
Walther, H. *see* Benson, O. 85352
Walther, H. *see* Englert, B.-G. 85351
Walther, H. *see* Englert, B.-G. 96074
Walther, M. *see* Kapon, E. 63083
Walther, M. *see* Shiralagi, K. 103938
Walther, R. *see* Schmitz, M. 90079
Walther, S. *see* Mours, B. 100821
Walther, S. *see* Mours, B. 120196
Walti, R. *see* Jacomet, M. 113896
Waltman, S. *see* Petrov, K.P. 65592
Waltman, S. *see* Petrov, K.P. 96395
Waltman, S. *see* Tittel, F.K. 111300
Walton, A.J. *see* Elliott, J.P. 84544
Walton, A.J. *see* Elliott, J.P. 115305
Walton, A.J. *see* Newsam, M.I. 119835
Walton, A.J. *see* Peyne, C.M. 114955
Walton, A.J. *see* Reeves, C.M. 63776
Walton, A.J. *see* Sprevak, D. 106171
Walton, A.J. *see* Xuewen Gan 84555
Walton, C. *see* Bordonalli, A.C. 96411
Walton, C.C., Genin, F.Y., Chow, R., Kozlowski, M.R., Loomis, G.E., Pierce, E. Effect of silica overlayers on laser damage of HfO$_2$-SiO$_2$ 56° incidence high reflectors 107474
Walton, D.T., Nees, J., Mourou, G. Broad-bandwidth pulse amplification to the 10-μJ level in an ytterbium-doped germanosilicate fiber 96146
Walton, E.K., Gerry, M.J. Analysis of dispersive radar scattering mechanisms from measured data 99626
Walton, J. *see* Hanna, B. 100714
Walton, J.T., Krofcheck, D., O'Donnell, R., Odyniec, G., Partlan, M.D., Wang, N.W. P-type silicon drift detectors 110556
Walton, J.T. *see* Allbritton, G.L. 80079
Walton, J.T. *see* Allbritton, G.L. 100826
Walton, J.T. *see* Odyniec, G. 120158
Walton, S. *see* Bagrodia, R. 78020
Walton, S. *see* Bambos, N. 98637
Walton, S. *see* Gerla, M. 118125
Waltrich, J.B. The effect of long multipath on digital transmission 109368
Waltrip, B.C., Oldham, N.M. DC-1 MHz wattmeter based on RMS voltage measurements 110277
Waltrip, B.C. *see* Souders, T.M. 119536
Waltz, D.G. *see* Palmour, J.W. 106044
Walukiewicz, I. *see* Niwinski, D. 103569
Walukiewicz, W. Activation of shallow dopants in II-VI compounds 74197
Walukiewicz, W., Liliental-Weber, Z., Jasinski, J., Almonte, M., Prasad, A., Haller, E.E., Weber, E.R., Grenier, P., Whitaker, J.F. High resistivity and ultrafast carrier lifetime in argon implanted GaAs 114639
Walukiewicz, W. *see* Kin Man Yu 114877
Walve, K., Wingardh, P. Simulation of severe operating conditions–modelling aspects–applications on a CIGRE test system 90919
Walve, K. *see* Suzuki, H. 90942
Waly, S.M., Asfour, S.S., Khalil, T.M. Effects of time windowing on the estimated EMG parameters 110850
Walz, D. *see* Alexandrof, V.A. 100628
Walz, D. *see* Shintake, T. 100531
Walz, R. *see* Backer, P. 92289
Walz, R. *see* Bohm, E. 92123
Wambersie, A., Gahbauer, R.A. Medical applications of electron linear accelerators 70194
Wambersie, A. *see* Loncol, T. 120573
Wamhof, P.D. *see* Weller, T.M. 104870
Wamsley, C.C., Koch, M.W., Wicks, G.W. Solid source molecular beam epitaxy of GaInAsP/InP: growth mechanisms and machine operation 82689
Wamsley, C.C., Koch, M.W., Wicks, G.W. Solid source molecular beam epitaxy of low threshold strained layer 1.3 μm InAsP/GaInAsP lasers 107242
Wan, A.D.M., Braspenning, P.J., Vreeswijk, G.A.W. Limits to ground control in autonomous spacecraft 90721
Wan, C., Nauwelaers, B., De Raedt, W., Van Rossum, M. Complex permittivity measurement method based on asymmetry of reciprocal two-ports 100271
Wan, C.C., Ying Huang, Hong Guo Dissipative quantum transport in a quantum wire 63024
Wan, C.L. *see* Reading, I.A.D. 98340
Wan, C.S. *see* Stiller, P.F. 77173
Wan, C.T. *see* Ametani, A. 111633
Wan, E., Bone, D. A neural network approach to covariation model fitting and the interpolation of sparse earth-science data 120657
Wan, H., Parker, F.T., Putris, F.F., Berkowitz, A.E. Unusual magnetic behavior in Nd-Fe-B alloy powder compacts 64191
Wan, H. *see* Silver, B. 87623
Wan, H.B., Song, Y.H., Johns, A.T. Artificial neural networks for power system voltage stability assessment 90929
Wan, I. *see* Burns, D. 105911
Wan, J.K.S., Cowley, N.J., Ioffe, M.S., Pollington, S.D. High-power pulsed RF decomposition of ore samples with a carbon source 71904
Wan, K., Lewis, D., Bahadur, B. Improvement in viewing-angle characteristics of normally-black-mode TN-LCDs by using birefringent films and dichroic dyes 89413
Wan, K. *see* Young, W. 89416
Wan, K.W. *see* Vilar, E. 97136
Wan, L.A. *see* Madni, A.M. 84639
Wan, X. *see* Vellaikal, A. 98178
Wan Anjun *see* Liu Zhonglin 68023
Wan Bo *see* Bian Jinian 61544
Wan Bo *see* Bo Wan
Wan Chang Huang, Tan Fu Lei, Chung Len Lee AuGePt ohmic contact to n-type InP 83983
Wan Choi *see* DongGill Lee 77837
Wan Da *see* Da Wan
Wan Du *see* Du Wan
Wan Fang *see* Yin Rui 80436
Wan Fung, P.Chin *see* Chin Wan Fung, P.
Wan Guangyi *see* Guangyi Wan
Wan Hong Chang *see* Chang Wan Hong
Wan Jeon Chang *see* Chang Wan Jeon
Wan Jian-Wei, Wang Ling, HuangFu Kan, Zhou Liangzhu The research on new direction-finding algorithm based on spectral-correlation technique 117520
Wan Joo Kim *see* Joong Hyup Ko 80698
Wan Jun *see* Chang Xianrong 80927
Wan Jun *see* Pan Yunjiang 111885
Wan Ki Min, Myeong Ho Yoo High performance control of harmonic instability from HVDC link system 81017
Wan Kim Byoung *see* Byoung Wan Kim
Wan Kim Jae *see* Jae Wan Kim
Wan Kim Yong *see* Yong Wan Kim
Wan Koh Yeon *see* Yeon Wan Koh
Wan Lee Bong *see* Bong Wan Lee
Wan Ming *see* Ming Wan
Wan Park Kyoung *see* Kyoung Wan Park
Wan Shouke *see* Li Guohui 105179
Wan Wei *see* Wenyan Yin 85844
Wan Wei *see* Wenyan Yin 97088
Wan Wei *see* Yin Wenyan 97276
Wan Weishi *see* Weishi Wan
Wan Wenjun *see* Huang Jiying 76423
Wan Xia *see* Xia Wan
Wan Xuan *see* Zhoa Hong 64142
Wan Yongbing *see* Yongbing Wan
Wan Yu Kyung *see* Kyung Wan Yu
Wan Yumin, Cai Zexiang Fault diagnoses and unified protection for HV asynchronous motors 71319
Wan Zhe-Xian *see* Zhe-Xian Wan
Wan Zhengming *see* Zhengming Wan
Wan Zikun *see* Zikun Wan
Wan-Chi Siu *see* Lap-Pui Chau 61129
Wan-Chi Siu *see* TaiChiu Hsung 117592
Wan-Li Shyu, Jin-Jang Leou Detection and correction of transmission errors in facsimile images 98626
Wan-Pau Hsu, Cheng-Wou Sou Application of RTV protective coating to power equipment 81372

Wan-Rone Liou *see* Shui-Jinn Wang 94893
Wan-Sik You *see* Young-Seok Kim 121455
Wan-Thai Hsu, Chuan-Chen Tu, Wei-Su Chen, Fon-Shan Huang A fabrication process of self-aligned tantalum-silicide gate gallium-arsenide metal-semiconductor field effect transistors with tantalum-silicide cap-annealing technique 74765
Wan-Xian Wang *see* Bu-Xin Xu 95544
Wan-Young Chung *see* Duk-Dong Lee 119774
Wanarat, P., Pavur, R. Examining the effect of second-order terms in mathematical programming approaches to the classification problem 103689
Wancerz, M. *see* Hammons, T.J. 91112
Wancerz, M. *see* Hammons, T.J. 101767
Wancheng Xiang *see* Xiang Wancheng
WanChun Shi *see* Yuning Sun 82836
Wandel, K. *see* Kollakowski, S. 89097
Wanderer, P., Muratore, J., Anerella, M., Ganetis, G., Ghosh, A., Greene, A., Gupta, R., Jain, A., Kahn, S., Kelly, E., Morgan, G., Prodell, A., Rehak, M., Sampson, W., Thomas, R., Thompson, P., Willen, E. Construction and testing of arc dipoles and quadrupoles for the Relativistic Heavy Ion Collider (RHIC) at BNL 89783
Wanderer, P. *see* Greene, A. 90033
Wanderer, P. *see* Gupta, R. 90038
Wanderer, P. *see* Gupta, R. 95577
Wanderer, P. *see* Jain, A. 90037
Wanderer, P. *see* Ogitsu, T. 95594
Wanderer, P. *see* Ogitsu, T. 100411
Wanderer, P. *see* Thompson, P. 100412
Wanderer, P. *see* Trbojevic, D. 89911
Wanderer, P. *see* Tsoupas, N. 89800
Wanderer, P. *see* Wei, J. 79946
Wanderer, P.J. *see* Morgillo, A. 100448
Wanderley, S.S. *see* de Lima, A.C.S. 81651
Wandinger, U. *see* Reichardt, J. 80658
Wandmacher, R.A., Morris, J.A., Heyer, T.J.D., Chor, L.C.K. New silicone cold shrink termination 121214
Wandong Yang *see* Yang Wandong
Wandrei, D. *see* Schuppen, A. 93841
Wandt, D., Laschek, M., Przyklenk, K., Tunnermann, A., Welling, H. External cavity laser diode with 40 nm continuous tuning range around 825 nm 107255
Wang, A., Lorenzelli, F., Korompis, D., Hudson, R.E., Yao, K. On optimization of broadband beamformer for hearing aid applications 90611
Wang, A., Miller, M.S., Plante, A.J., Gunther, M.F., Murphy, K.A., Claus, R.O. Split-spectrum intensity-based optical fiber sensors for measurement of microdisplacement, strain, and pressure 79473
Wang, A., Yao, K., Hudson, R.E., Korompis, D., Lorenzellii, F., Soli, S., Gao, S. Microphone array for hearing aid and speech enhancement applications 108207
Wang, A., Yao, K., Hudson, R.E., Korompis, D., Lorenzelli, F., Soli, S.D., Gao, S. A novel DSP system for microphone array applications 117295
Wang, A. *see* Arya, V. 67767
Wang, A. *see* Blumenthal, D.J. 78697
Wang, A. *see* Meller, S. 79482
Wang, A. *see* Shell, M. 109661
Wang, A. *see* Vaughn, M.D. 78781
Wang, A. *see* Yuan Tang 115216
Wang, A. *see* Zhao, J. 103003
Wang, A.C.L. *see* Liaw, S.K. 116412
Wang, A.D. Active filters using high speed op amps 93553
Wang, A.W., White, R.M. Thin-film anodized aluminum on an acoustic sensor 110255
Wang, A.Z.H., Anderson, W.A. Fabrication and characterization of a depletion-mode ZnS$_{0.07}$Se$_{0.93}$ MESFET 63758
Wang, B. *see* Reddy, S. 113855
Wang, B. *see* Zhao, J. 89924
Wang, B.-M. An efficient block matching algorithm for video coding and its VLSI architecture in ISDN and HDTV applications 67869
Wang, B.H., Yen, K.Y., Way, W.I. Demonstration of gigabit WDMA systems using parallelly processed subcarrier pilot-tone signaling technique 68522
Wang, B.H., Yen, K.Y., Way, W.I. Demonstration of gigabit WDMA networks using parallelly processed subcarrier hopping pilot-tone (P^3) signaling technique 78939
Wang, B.H. *see* Shim, M.S. 103673
Wang, C. Layout designs for robotic PCB assembly 92156
Wang, C., Cannon, D.J. Virtual-reality-based point-and-direct robotic inspection in manufacturing 82312
Wang, C., Hirshfield, J.L., Ganguly, A.K. Efficient co-generation of seventh-harmonic radiation in cyclotron autoresonance acceleration 116293
Wang, C., Shen, B., Tzeng, K.K. Generalised minimum distance decoding of Reed-Muller codes and Barnes-Wall lattices 66316
Wang, C., Shu-Zhao Huang The second generation of the skeleton and neural network based flexible inspection method for identifying surface flaws 77451
Wang, C. *see* Chan, C.H. 100443
Wang, C. *see* Davis, R.F. 103876
Wang, C. *see* Dubon, O.D. 62675
Wang, C. *see* Gwo-Huei Luo 79869
Wang, C. *see* Kuo, C.C. 79975
Wang, C. *see* Lau, W.K. 89846
Wang, C. *see* Lee, C.L. 109916
Wang, C. *see* Lyding, J.W. 84250
Wang, C. *see* Tucker, J.R. 63727
Wang, C. *see* Tucker, J.R. 115042
Wang, C. *see* Yao, H.-W. 83317
Wang, C. *see* Zeng, H. 97589
Wang, C. *see* Zhao, J. 89924
Wang, C.-C. *see* Wu, J.-C. 100213
Wang, C.-K., Shiue, M.-T. A CAP-based ADSL transceiver VLSI architecture design 98925
Wang, C.-K. *see* Lin, W.-C. 93600
Wang, C.-K. *see* Lin, W.-C. 99110
Wang, C.-K. *see* Shiue, M.-T. 99779
Wang, C.-L., Unnikrishnan, S., Kim, B.-Y., Kwong, D.-L., Tasch, A.F. The viability of GeH$_4$-based in situ clean for low temperature silicon epitaxial growth 94777
Wang, C.-L. *see* Guo, J.-H. 93479
Wang, C.-L. *see* Prasanna, V.K. 77144
Wang, C.-P. *see* Hsu, I. 100592
Wang, C.-T., Clemens, B.M., White, R.L. Effects of substrate on the magnetic properties of epitaxial TbFe$_2$(111) films 115557
Wang, C.-Y. *see* Sheu, T.-J. 99537
Wang, C.A., Choi, H.K. Lattice-matched GaSb/AlGaAsSb double-heterostructure diode lasers grown by MOVPE 107300
Wang, C.A., Salim, S., Jensen, K.F., Jones, A.C. Low oxygen and carbon incorporation in AlGaAs using tritertiarybutylaluminum in organometallic vapor phase epitaxy 61206
Wang, C.C., Lacey, J.P.R., Summerfield, M.A., Tucker, R.S. Bit error rate performance of a continuously adjustable all optical delay line 78769
Wang, C.C. *see* Cao, H.Q. 86488
Wang, C.C. *see* Ku, T.K. 62573
Wang, C.C. *see* Ku, T.K. 74054
Wang, C.D. *see* Abraham-Shrauner, B. 63296
Wang, C.G. *see* Tsu, R. 61235
Wang, C.H., Han, Y.K., Lee, T.G., Yom, S.S., Choi, D.J., Chang, B.Y., In-Sang Yang Structural and electrical properties of PbTiO$_3$ thin films deposited on Pt/Ti by metalorganic chemical vapor deposition 106348
Wang, Ch. *see* Chang, L.H. 100457
Wang, C.H. *see* Eun Kyu Kim 63217
Wang, C.H. *see* Goodson, T. 85683
Wang, C.H. *see* Sun, T.P. 115245
Wang, C.J., Kuo, C.H., Chen, J.S., Chen, J., Hsu, K.T., Jan, G.J. Beam intensity observation system at SRRC 100578
Wang, C.J. *see* Chen, J. 89940
Wang, C.L. *see* Hu, Y.Z. 61379
Wang, C.L. *see* McGregor, D.S. 80153
Wang, C.L. *see* McGregor, D.S. 92663
Wang, C.M. *see* Liu, R.S. 115890
Wang, C.T. *see* Chaiken, A. 64360
Wang, C.Y. *see* Chuang, Z.M. 116518
Wang, C.Y. *see* Hu, W. 62638
Wang, C.Y. *see* Lin, J.C. 104960
Wang, C.Y. *see* Pan, D. 110147
Wang, D., Binns, B., Kogan, M., Zolfaghari, A. Wire setup calibration of beam position monitors 100563
Wang, D., Daughton, J.M., Smith, C.H., Chen, E.Y. Effect of Au underlayers on GMR properties of NiFe/Cu/CoFe sandwiches 115648
Wang, D., Morikawa, H., Mizumachi, M. Resolving cycle slips with redundant satellites for kinematic Global Positioning System 88749
Wang, D., Morikawa, H., Mizumachi, M. Rapid ambiguity resolution for kinematic GPS based on integer constraints 119332
Wang, D., Ronsin, J. Bounded gray-level morphology and its applications to image representation 77273
Wang, D. *see* Barille, R. 76210
Wang, D. *see* Chen, T.M. 118254
Wang, D. *see* DeCobert, J. 89777
Wang, D. *see* Everitt, B.A. 115636
Wang, D. *see* Huang, N. 79972
Wang, D. *see* Huang, N. 89989
Wang, D. *see* Krafft, G.A. 100526
Wang, D. *see* Krafft, G.A. 100581
Wang, D. *see* Li Shaozhong 103924
Wang, D.-S. *see* Medgyesi-Mitschang, L.N. 65982
Wang, D.C., Bosman, G., Li, S.S. Current conduction in quantum well infrared photodetectors under low bias operation 69117
Wang, D.C., Bosman, G., Wang, Y.H., Li, S.S. Device parameter extraction from noise measurements on bound-to-miniband transition III-V quantum well infrared photodetectors 69162
Wang, D.C. *see* David Ihsin Cheng 83100
Wang, D.F. *see* Chen, J.X. 84342
Wang, D.F. *see* Chung-Ping Chen 82863
Wang, D.J., Chen, J.R., Hsiung, G.Y., Shyy, J.G., Huang, J.R., Hsu, S.N., Hsiao, K.M., Liu, Y.C. Vacuum chamber for the wiggler of the Taiwan Light Source at the Synchrotron Radiation Research Center 94168
Wang, D.N., Grattan, K.T.V., Palmer, A.W. Dispersion effect analysis with multiwavelength combination sources in optical sensor applications 79467
Wang, D.W. *see* Gao, H.J. 61426
Wang, D.X. Experimental studies of longitudinal dynamics of space-charge dominated electron beams 79905
Wang, E.G. *see* Jin Kuijuan 113364
Wang, E.L., Yiqian Wu, Talke, F.E. Tape asperity compliance measurement using a pneumatic method 115747
Wang, E.Z. *see* Tong, L.Z. 112147
Wang, F., Lo, T., Litva, J., Bosse, E. A new energy function of mean field Hopfield network for measurement data association 99614
Wang, F., Schwarz, R. Stability of the mobility-lifetime product of holes in undoped a-Si:H under illumination 94240
Wang, F. *see* Farag, A.S. 102909
Wang, F. *see* Liu, J.I. 105688
Wang, F. *see* Liu, J.L. 105324
Wang, F. *see* Schwarz, R. 94973
Wang, F. *see* Shi, Y. 83943
Wang, G., Yang, Q. Optimization of the operating point of a vertical-cavity surface-emitting laser 96288
Wang, G., Yeh, T., Chien-Li Lin, Sivertsen, J.M., Judy, J.H. Structure and properties of sputtered FeMn/NiFe bilayer thin films 115637
Wang, G., Zhao, S., Cheng, P.-C. Cone-beam X-ray tomographic and stereo-imaging 110788
Wang, G. *see* Lin, C.L. 106580
Wang, G. *see* Sang, N. 108660
Wang, G. *see* Wernick, M.N. 101330
Wang, G.-C. *see* Jiang, Q. 64285
Wang, G.-C. *see* Yang, H.-N. 61390
Wang, G.-C. *see* Zhao, Y.-P. 84126
Wang, G.-Y. *see* Xiong, Y. 108655
Wang, G.-Y. *see* Xiong, Y. 108656
Wang, G.D. *see* Lin, J.Y. 111480
Wang, G.M., Equall, R.W., Cone, R.L., Leask, M.J.M., Godfrey, K.W., Wondre, F.R. Optical dephasing mechanisms in Tm^{3+}:Y$_2$Si$_2$O$_7$ 75411
Wang, G.S., Wang, P.Y., Song, Y.H., Johns, A.T. Co-ordinated system of fuzzy logic and evolutionary programming based network reconfiguration for loss reduction in distribution systems 121120
Wang, G.S. *see* Wang, P.Y. 101887
Wang, G.S. *see* Wang, P.Y. 113176
Wang, G.Z., Anbo Wang, May, R.G., Barnes, A., Murphy, K.A., Claus, R.O. Stabilization for intensity-based sensors using two-wavelength ratio technique 79474
Wang, G.Z. *see* Xiaojun Fang 79488
Wang, G.Z. *see* Xiaojun Fang 79490
Wang, H. Development of an optical sensor for dynamic monitoring of off-round and eccentric errors of cylindrical parts 69492
Wang, H. Total integrated reflection loss in a laser diode to single-mode fibre coupling system 106800
Wang, H., Chang, S.-F. Adaptive image matching in the subband domain 87153
Wang, H., Jaszczak, R.J., Coleman, R.E. Monte Carlo modeling of penetration effect for iodine-131 pinhole imaging 101256
Wang, H., Liu, P.C., Lau, K.T. Low power dual-port CMOS SRAM macro design 93350
Wang, H., Ng, G.I., Gilbert, M., O'Sullivan, P.J. Suppression of I-V kink in doped channel InAlAs/InGaAs/InP heterojunction field-effect transistor (HFET) using silicon nitride passivation 115235
Wang, H., Okabe, N., Nagano, T., Katsuyama, T. CD3000B portable telephone for CDMA cellular systems 99352
Wang, H., Yoshikawa, N., Yoshikado, S., Aruga, T. Investigations on formation of mutually pumped phase conjugation with a new configuration using BaTiO$_3$:Ce crystal 107535
Wang, H., Zhuang, T., Jiang, D., Liu, W.Y., Magnin, I.E., Gimenez, G. Improved adaptive boundary tracing using 2D dynamic programming 86916
Wang, H. *see* Aust, M.V. 83435
Wang, H. *see* Brown, R.D. 109726
Wang, H. *see* Du, Y.C. 94737
Wang, H. *see* Johnson, E.L. 101203
Wang, H. *see* Kaveti, S. 87097
Wang, H. *see* Ke-Li Wu 93725
Wang, H. *see* Lai, R. 104878
Wang, H. *see* Lin, E.W. 90881
Wang, H. *see* Pinatel, C. 73721
Wang, H. *see* Sarkar, T.K. 97058
Wang, H. *see* Smilowitz, L. 96612
Wang, H. *see* Smith, M.F. 101251
Wang, H. *see* Wong, K.S. 75962
Wang, H. *see* Yang, H.Z. 74791
Wang, H.-J., Yang, T.-C., Jay Kuo, C.-C. A new time-frequency approach for weak chirp signal detection 86264
Wang, H.-M. *see* Lin, C.-H. 76867
Wang, H.-P. *see* Varghese, P. 110007
Wang, H.-Q. *see* Chan, C.C. 71801
Wang, H.-Y., Chen, W.-K. Dual topological theorems of linear active networks 93577
Wang, H.A. *see* Hong, S.H. 106645
Wang, H.B., Ishimatsu, T., Uhrhan, C., Huang, Z. Kinematic analysis of a prosthetic arm 101431
Wang, H.B., Xu, W.W., Cheng, Q.H., Wu, P.H., Luo, Y.J., Ye, H., Zhang, J.M. Research on harmonic mixing at MM waveband with high temperature superconducting grain boundary Josephson junction 75348
Wang, H.C. *see* Zhang, H.W. 64391

Wang, H.F., Swift, F.J. Application of the Phillips-Heffron model in the analysis of the damping torque contribution to power systems by SVC damping control 80812
Wang, H.F., Swift, F.J. Capability of the static VAr compensator in damping power system oscillations 101809
Wang, H.F., Swift, F.J., Li, M. Oscillation stabilization of multimachine power systems by controllable series compensator 70778
Wang, H.F. *see* Swift, F.J. 80987
Wang, H.F. *see* Swift, F.J. 101810
Wang, H.H. *see* Fleischer, S.D. 90830
Wang, H.H. *see* Han, L.K. 63721
Wang, H.H. *see* Han, L.K. 63722
Wang, H.H. *see* Han, L.K. 84572
Wang, H.H. *see* Whitaker, J.F. 114644
Wang, H.H. *see* Wristers, D. 94630
Wang, H.K., Wu, J.-L.C. A framework for distributed Internet service 78098
Wang, H.L., MacDiarmid, A.G., Wang, Y.Z., Gebler, D.D., Epstein, A.J. Application of polyaniline (emeraldine base, EB) in polymer light-emitting devices 85301
Wang, H.L. *see* Epstein, A.J. 96022
Wang, H.S. *see* Jhajharia, S.K. 60477
Wang, H.S. *see* Parker, M.A. 63386
Wang, H.S. *see* Wang, Y.H. 78185
Wang, H.S. *see* Wong, W.S. 99304
Wang, H.W., Luh, J., Schat, E.P. Sputtering, an alternative for making chip resistor terminations – uniform Ni-based films from jig rotation 93948
Wang, I.A. *see* Park, K.H. 82166
Wang, J. A recurrent neural network for solving the shortest path problem 72524
Wang, J. Design and test results of kicker units for the positron accumulator ring at the APS 89746
Wang, J. BER comparison between one-hop-per-bit-frequency-hopping and DS SSMA systems on indoor radio channels 118942
Wang, J., Beton, P.H., Mori, N., Eaves, L., Buhmann, H., Mansouri, L., Main, P.C., Foster, T.J., Henini, M. Resonant tunnelling via 1D quantum confined states 63549
Wang, J., Beton, P.H., Mori, N., Eaves, L., Main, P.C., Foster, T.J., Henini, M. Wave function mapping by magneto-resonant tunnelling 63553
Wang, J., Chen, L. Selectivity coefficients of class-selective enzyme electrodes 79579
Wang, J., Huang, K. Medical image compression by using three-dimensional wavelet transformation 101196
Wang, J., Leburton, J.-P., Julien, F.H., Saar, A. Design and performance optimization of optically-pumped mid-infrared intersubband semiconductor lasers 85533
Wang, J., Thompson, D.A., Robinson, B.J., Simmons, J.G. Composition variation of InGaAsP grown on (111)B faceted V-groove InP substrates by gas source molecular beam epitaxy 103893
Wang, J., Yang, J.B., Sen, P. Multi-person and multi-attribute design evaluations using evidential reasoning based on subjective safety and cost analyses 72210
Wang, J. *see* Brienza, D.M. 80498
Wang, J. *see* Buhmann, H. 63550
Wang, J. *see* Carwardine, J.A. 89745
Wang, J. *see* Fung, A.K. 120864
Wang, J. *see* Haldar, M.K. 65188
Wang, J. *see* Halder, M.K. 96410
Wang, J. *see* Hoshino, T. 102651
Wang, J. *see* Javidi, B. 117717
Wang, J. *see* Ko, K. 89759
Wang, J. *see* Lee, P.C.Y. 115443
Wang, J. *see* McAulay, A.D. 72319
Wang, J. *see* Marchese, D. 64605
Wang, J. *see* Naghdy, G. 108524
Wang, J. *see* Toyama, K. 86771
Wang, J. *see* Zavracky, P.M. 80554
Wang, J.-G. *see* Suzuki, H. 116895
Wang, J.-M. *see* Lu, S.-C. 74007
Wang, J.-S., Yang, H.-Y., Liaw, J.-W. Fiber grating prepared by phase mask technique for application in telecommunication 95703
Wang, J.-T., Wainright, J.S., Savinell, R.F., Litt, M. A direct methanol fuel cell using acid-doped polybenzimidazole as polymer electrolyte 112308
Wang, J.-T., Wasmus, S., Savinell, R.F. Real-time mass spectrometric study of the methanol cross-over in a direct methanol fuel cell 71681
Wang, J.-T. *see* Weber, M. 102960
Wang, J.-Y., Mandel, P., Otsuka, K. Antiphased modulation of a laser array 75869
Wang, J.G., Reiser, M. Studies of localized space-charge waves in space-charge dominated beams 89737
Wang, J.G. *see* Suk, H. 89849
Wang, J.J., Zhang, D.H., Liu, L.J., Chen, X.K. Electronic transport properties of a-Si-Y-H alloy films deposited by rf sputtering 62769
Wang, J.J. *see* King, E.E. 69818
Wang, J.K. A high throughput CMP process by using an Epic ECR directional ion source for intermetal dielectric 84173
Wang, J.K. *see* Chang, W.C. 110793
Wang, J.L. *see* Forys, L.J. 77890
Wang, J.L. *see* Ramaswami, V. 77707
Wang, J.L. *see* Takaira, H. 88396
Wang, J.L. *see* Teo, Y.M. 86696
Wang, J.L. *see* Wing-Cheong Lau 87284
Wang, J.M. *see* Broome, W. 100493
Wang, J.P., Cegrell, T., Dafgard, A., Cederblad, L., Wilhelmsson, K., Andersson, F. A vertical integrated concept for power system restoration based on co-operative control 101869
Wang, J.P., Cegrell, T., Dafgard, A., Cederblad, L., Wilhelmsson, K., Andersson, F. Restoration practices and economical impact on power system disturbances 101880
Wang, J.P., Ling, Y.C., Lin, I.N., Lin, W.J., Tseng, T.Y. Interdiffusion of multilayer ferroelectric thin films using $YBa_2Cu_3O_{7-x}$ as an intermediate layer 75017
Wang, J.P., Ling, Y.C., Yeh, M.H., Liu, K.S., Lin, I.N. $SrTiO_3$ buffering effect on $Pb_{1-x}La_xTiO_3$ thin films prepared by pulsed laser deposition 72890
Wang, J.P. *see* Bo Liu 115790
Wang, J.P. *see* Lin, T.F. 89613
Wang, J.Q. *see* Canedy, C.L. 75117
Wang, J.Q. *see* Fang, S.X. 79896
Wang, J.R. *see* Cavalieri, D.J. 120820
Wang, J.S. *see* Zhao, Y. 78661
Wang, J.T. A blackboard system for computer-aided decision-making: an application for ECG interpretation 101354
Wang, J.W., Chen, C.H. Systolic realization of cyclic wavelet transforms and cyclic wavelet packet transforms 117461
Wang, J.W., Loew, G.A., Loewen, R.J., Ruth, R.D., Vlieks, A.E., Wilson, I., Wuensch, W. SLAC/CERN high gradient tests of an X-band accelerating section 89650
Wang, J.W. *see* Hanna, S.M. 89716
Wang, J.W. *see* Wen, J.H. 99724
Wang, J.Y., Li, X.Q. An algorithm for a mobile automation moving in an environment with unknown obstacles 87069
Wang, K. The use of titanium for medical applications in the USA 113524
Wang, K., Kohno, R. Compression coding using an optical model for a pair of range and grey-scale images of 3D objects 117605
Wang, K., Lee, F.C., Boroyevich, D., Xinxiang Yan A new quasi-single-stage isolated three-phase ZVZCS buck PWM rectifier 121609
Wang, K. *see* Dutton, R.W. 73038
Wang, K.C., Nary, K.R., Nubling, R.B., Beccue, S.M., Pierson, R.L., Chang, M.F., Asbeck, P.M., Huang, R.T. AlGaAs/GaAs heterojunction bipolar transistor technology for multi-giga-samples per second ADCs 61970
Wang, K.C., Yew, T.R., Hwang, H.L. Very low temperature polycrystalline silicon films with very large grains deposited for thin film transistor applications 61322
Wang, K.C. *see* Bowers, J.E. 109606
Wang, K.C. *see* Gamelin, J. 88652
Wang, K.C. *see* Hwang, H.L. 83793
Wang, K.C. *see* Ruai Yu 119164
Wang, K.C.P., Xuyang Li ATM networking environment for a multimedia based highway information system 67906
Wang, K.H., Bayer, M., Ils, P., Forchel, A., Benner, S., Haug, H., Pagnod-Rossiaux, Ph., Goldstein, L. Many body effects in the luminescence of $In_{0.53}Ga_{0.47}As$/InP quantum wires 62986
Wang, K.H. *see* Forchel, A. 114732
Wang, K.H. *see* Ils, P. 62921
Wang, K.K. *see* Sejin Han 112927
Wang, K.L. *see* Cui, A.G. 94559
Wang, K.L. *see* Huang, F.Y. 119680
Wang, K.L. *see* Kim, T.W. 74385
Wang, K.L. *see* Li Shaozhong 103924
Wang, K.L. *see* Qi Xiang 82701
Wang, K.P., Bruch, J.C., Jr. Finite difference and finite element analyses using a cluster of workstations 92643
Wang, K.W. *see* Liao, W.H. 104190
Wang, K.W. *see* Tsai, M.S. 104192
Wang, K.Z., Li, L.J., Liu, W.M., Xue, Z.Q., Huang, C.H., Lin, J.H. Vacuum-vaporized films of fluorescent europium complexes and their device applications 95963
Wang, L., Ball, M., Brabson, B., Budnick, J., Caussyn, D.D., East, G., Ellison, M., Kang, X., Lee, S.Y., Li, D., Liu, J.Y., Ng, K.Y., Pei, A., Riabko, A., Rich, D., Sloan, T., Syphers, M. Effect of parametric resonances on the bunched beam dilution mechanism 89881
Wang, L., Healey, G. Illumination and geometry invariant recognition of texture in color images 86410
Wang, L., Sivananthan, S., Sporken, R., Caudano, R. Interface properties and valence-band discontinuity of MnS/ZnSe heterostructures 94487
Wang, L., Zhang, Y., Wada, T., Sasabe, H. Photorefractive effect in a photoconductive electro-optic carbazole trimer 95625
Wang, L. *see* Battuello, M. 69187
Wang, L. *see* Chen, C.D. 96156
Wang, L. *see* Contreras, M.A. 103009
Wang, L. *see* Grimaud, J. 101274
Wang, L. *see* Huang, N. 89989
Wang, L. *see* Kang, X. 89843
Wang, L. *see* Li, D. 79813
Wang, L. *see* Liu, J.Y. 89882
Wang, L. *see* Nayak, D.K. 63951
Wang, L. *see* Pei, A. 89976
Wang, L. *see* Pei, A. 100653
Wang, L. *see* Pei, A. 100654
Wang, L. *see* Riabko, A. 89997
Wang, L. *see* Sivananthan, S. 74169
Wang, L. *see* Sun, H.-Y. 108113
Wang, L. *see* Tian, M. 85624
Wang, L.-C. *see* Der, S. 119266
Wang, L.-D. *see* Liang, T.-X. 62495
Wang, L.A., Chen, C.D. Stable and broadband Er-doped superfluorescent fibre sources using double-pass backward configuration 107152
Wang, L.C., Hao, P.H., Cheng, J.Y., Deng, F., Lau, S.S. Ohmic contact formation mechanism of the Au/Ge/Pd/n-GaAs system formed below 200°C 63100
Wang, L.C. *see* Hao, P.H. 63099
Wang, L.C. *see* Hao, P.H. 105445
Wang, L.C. *see* Moon-Ho Park 63104
Wang, L.C. *see* Moon-Ho Park 105446
Wang, L.C. *see* Ressel, P. 105442
Wang, L.F. *see* Zhao, K. 94182
Wang, L.J. *see* Yi, H.J. 75941
Wang, L.L. *see* Goebel, B. 96805
Wang, L.W. *see* Wang, M.G. 107355
Wang, M., Dickin, F.J., Williams, R.A. A study on cyclonic separators using electrical impedance tomography 89463
Wang, M. *see* Ahmed, A. 75564
Wang, M.-S. *see* Liu, F.-Y. 110792
Wang, M.C., Lin, W., Shi, T.T., Liao, H.H., Chang, H.L., Su, J.Y., Tu, Y.K. Ultra-high temperature and ultra-high speed operation of 1.3 μm AlGaInAs/InP uncooled laser diodes 65197
Wang, M.C., Zhu, J., Wang, Z., Zhang, L., Huang, Y., Feng, C., Lee, J.K., Park, E.H. Intense electron beam generation by a pseudospark discharge and its application to a Raman FEL 65716
Wang, M.G., Zhang, J.P., Wang, L.W., Ho, S.T. Polarization-selective emission from quantum wells in a photonic wire with rectangular cross section 107355
Wang, M.H., Hsu, K.T., Lau, W.K., Hsue, C.S., Tsai, H.J., Chang, H.P., Lee, J.C., Kuo, C.C. The observation of the longitudinal coupled bunch motion on streak camera at SRRC 89848
Wang, M.H., Lee, J.C. The improvement of energy measurement in BTS transport line by using beam tracing method 89689
Wang, M.H. *see* Lau, W.K. 89846
Wang, M.H. *see* Lee, J.C. 89847
Wang, M.L. *see* Yang, H.Y. 69202
Wang, M.W. *see* McCaldin, J.O. 74323
Wang, M.Y., Maurer, C.R., Jr., Fitzpatrick, J.M., Maciunas, R.J. An automatic technique for finding and localizing externally attached markers in CT and MR volume images of the head 70047
Wang, M.Y. *see* Wang, T.K. 100807
Wang, M.Z. Algorithm for recursively generating irreducible polynomials 113058
Wang, N.L., Geibel, C., Steglich, F. Out-of-plane conductivity in $Bi_2Sr_2CuO_y$ crystals 75329
Wang, N.W. *see* Odyniec, G. 120158
Wang, N.W. *see* Walton, J.T. 110556
Wang, P., Carter, R., Basu, B. An improved technique for measuring the Pierce impedance of helix slow-wave structures 62623
Wang, P., Lee, F., Chan, K.M., Goodner, R., Ceton, R. Yield enhancement in a high-volume 8-inch wafer fab. II. Yield enhancement programs 115272
Wang, P. *see* Chung, H.K. 69641
Wang, P. *see* Deis, G. 106719
Wang, P. *see* Litvinenko, V.N. 79873
Wang, P. *see* Liu, L. 92281
Wang, P. *see* Liu, L. 95143
Wang, P. *see* O'Shea, P.G. 89770
Wang, P. *see* Xin, J.G. 107106
Wang, P.-H., Ho, P.S., Lee, C., Kawasaki, H. Initial void formation in bamboo Al-Cu(1%) two-level structure 115002
Wang, P.-J. *see* Yeh, W.-K. 113439
Wang, P.-W. *see* Chang, J.-W. 64440
Wang, P.D., Ledentsov, N.N., Torres, C.M.S., Zhukov, A.E., Kop'ev, P.S., Ustinov, V.M. Resonant exciton effects in InAs monolayer insertions in a GaAs matrix 63015
Wang, P.D. *see* Lockwood, D.J. 62996
Wang, P.J. *see* Dunford, R.B. 105287
Wang, P.K.C., Hadaegh, F.Y. Computation of static shapes and voltages for micromachined deformable mirrors with nonlinear electrostatic actuators 106908
Wang, P.K.U., Mu, Z. Computer methods for time domain simulation of nonlinear circuits with very large number of coupled inductors 82902
Wang, P.P., Der-San Chen Continuous optimization by a variant of simulated annealing 82473
Wang, P.S. *see* Bennett, L.H. 70055
Wang, P.S.P. *see* Agarwal, A. 108715
Wang, P.W. *see* Ku, T.K. 74054
Wang, P.W. *see* Moore, J.S. 64963
Wang, P.Y., Chen, J.F., Chen, W.K. Structural and electrical properties of GaSb, AlGaSb and their heterostructures grown on GaAs by metalorganic chemical vapor deposition 61231
Wang, P.Y., Wang, G.S., Li, B.H. Enhancement of power system stability by fuzzy logic control 101887
Wang, P.Y., Wang, G.S., Song, Y.H., Johns, A.T. Fuzzy logic controlled genetic algorithms 113176
Wang, P.Y. *see* Wang, G.S. 121120

Wang, Q., Davis, R.G. A study on new beam parameters 71893
Wang, Q., Marti, J.R. A waveform relaxation technique for steady state initialization of circuits with nonlinear elements and ideal diodes 90945
Wang, Q., Xu, Y., Crandall, R.S. Role of hydrogen dilution in a-Si:H p-i-n solar cells stability 112372
Wang, Q. *see* Fair, I.J. 66370
Wang, Q. *see* Lu, Z.W. 96619
Wang, Q. *see* Mahan, A.H. 112341
Wang, Q. *see* Ramvall, P. 105339
Wang, Q. *see* Spoddig, D. 64370
Wang, Q. *see* Takeo, M. 103044
Wang, Q. *see* Yan, H. 106635
Wang, Q. *see* Yashima, H. 99107
Wang, Q. *see* Zhao, S. 116423
Wang, Q.F., Lauwers, A., Deweerdt, B., Maex, K. Effect of silicidation schemes on interface contact resistance 63422
Wang, Q.F., Lauwers, A., Deweerdt, B., Verbeeck, R., Maex, K. Formation of deep sub-micrometer cobalt silicided poly gate using bilayer processes 63459
Wang, Q.F. *see* Bagdasarov, S. 69837
Wang, Q.H., Gokdemir, T., Budimir, D., Karacaoglu, U., Rezazadeh, A.A., Robertson, I.D. Fabrication and microwave characterisation of multilayer circuits for MMIC applications 73787
Wang, Q.H. *see* Sanchez-Hernandez, D. 108050
Wang, Q.H. *see* Swanson, J.G. 63135
Wang, Q.M. *see* Chen, C.H. 85512
Wang, Q.S., McDermott, D.B., Luhmann, N.C., Jr. Operation of a stable 200-kW second-harmonic gyro-TWT amplifier 105065
Wang, Q.S., McDermott, D.B., Luhmann, N.C., Jr. Characteristics of a stable 200 kW second-harmonic gyro-TWT amplifier 114532
Wang, Q.S. *see* Chong, C.K. 105069
Wang, R., King, L.L.H., Sleight, A.W. Highly conducting transparent thin films based on zinc oxide 104096
Wang, R. *see* Bishop, N. 102542
Wang, R. *see* Kolnik, J. 74149
Wang, R.H. *see* Neureuther, A.R. 74814
Wang, R.K. Joint transform correlator performing pure phase correlation for optical pattern recognition 108677
Wang, R.K., Lin Shang, Watson, I.A., Chatwin, C.R. Cosine wave encoded joint transform correlation 117576
Wang, R.K., Watson, I.A., Chatwin, C. Random phase encoding for optical security 117205
Wang, R.K. *see* Budgett, D.M. 98289
Wang, R.L. *see* Ma, L.P. 69548
Wang, R.Y. *see* Anderson, T.E. 67744
Wang, S. Designing and fabrication of UV lasers-splitter 107431
Wang, S., Burnett, J. BEMS control strategies: Evaluation of realistic performance by computer simulation 122087
Wang, S., Cai, G.G., Wang, Y., Wang, S. Simplification of the procedure for re-use of LiF:Mg,Cu,P TL detectors 101455
Wang, S., Liu, B., Kulkarni, S.R. Model-based reconstruction of multiple circular and elliptical objects from a limited number of projections 108503
Wang, S., Yamanaka, K., Hirakawa, K., Noguchi, M., Ikoma, T. Direct determination of bare confinement potentials in AlGaAs/GaAs split-gate quantum wires by far-infrared spectroscopy 114779
Wang, S. *see* Burrill, J. 86938
Wang, S. *see* Cai, Y. 79636
Wang, S. *see* Grabb, M.L. 90820
Wang, S. *see* Jayasekara, W.P. 75250
Wang, S. *see* Wang, S. 101455
Wang, S.-C. *see* Wei, S.-W. 98927
Wang, S.-J., Lin, J.-C., Tsai, H.-Y. Influence of UV illumination condition on NDR performance of porous silicon superlattice 94540
Wang, S.-Q. *see* Huffman, K. 95145
Wang, S.-Q. *see* Zhao, B. 94839
Wang, S.-Y. *see* Raddatz, L. 65301
Wang, S.-Y. *see* Raddatz, L. 65329
Wang, S.C. Characterisation of electric circuits for radiated interference studies 65868
Wang, S.C. *see* Chen, Y.F. 96170
Wang, S.C. *see* Chen, Y.F. 107210
Wang, S.C. *see* Chen, Y.F. 116454
Wang, S.H., Chang, P.H., Shung, K.K., Levene, H.B. Some considerations on the measurements of mean frequency shift and integrated backscatter following administration of albunex 80206
Wang, S.J., Lin, J.C., Liou, W.R., Luo, Y.C., Cheng, C.Y. Observation of negative differential resistance phenomenon in a two-step barrier diode 74674
Wang, S.J. *see* Chen, Z.Q. 105184
Wang, S.J. *see* Yao, Y.D. 65682
Wang, S.J. *see* Yao, Y.D. 95393
Wang, S.L., Taylor, P.C. Inefficient sulfur doping in hydrogenated amorphous silicon [solar cells] 112374
Wang, S.L., Viner, J.M., Taylor, P.C. Sulfur doping in $a-SiS_x:H$ 94674
Wang, S.M. *see* Ghisoni, M. 106977
Wang, S.M. *see* Shen, D.Z. 76110
Wang, S.P. *see* Izaki, K. 91966
Wang, S.P. *see* Yeong-Lin Lai 62237
Wang, S.S. Electrochemical etch stop on n-type silicon by holes injected from a shallow p-type layer 63345
Wang, S.S. *see* Cai, G.G. 101456
Wang, S.S. *see* Liu, H.L. 96737
Wang, S.S. *see* Qian, K.X. 80476
Wang, S.S. *see* Yu, Z.Q. 69827
Wang, S.T., Ishii, T.K., Ehlert, T.C. Instrumentation for faint microwave line emission measurement 89474
Wang, S.W. *see* Chang, K.M. 94763
Wang, S.X. *see* Bailey, W.E. 75211
Wang, S.X. *see* Jongill Hong 115522
Wang, S.X. *see* Sin, K. 75097
Wang, S.X. *see* Sin, K. 115599
Wang, S.Y., Thompson, P.J., Horsburgh, G., Steele, T.A., Brownlie, G.D., Prior, K.A., Cavenett, B.C. Piezoelectric effect in ZnSe/ZnCdSe quantum wells grown on (211)B GaAs 74373
Wang, S.Y. *see* Dowd, P. 65247
Wang, S.Y. *see* Schneider, R.P., Jr. 88588
Wang, S.Y. *see* Tan, R.T. 68516
Wang, S.Y. *see* Thompson, P.J. 75582
Wang, S.Y. *see* Yan, Z. 70732
Wang, S.Y. *see* Zeng, X.C. 114894
Wang, S.Y. *see* Zhu, Z. 74198
Wang, T., Akers, L.A. An electronic habituation chip 73596
Wang, T., Channell, P., Cooper, R., Fitzgerald, D., Hardek, T., Hutson, R., Jason, A., Macek, R., Plum, M., Wilkinson, C., Colton, E. Recent progress on beam stability study in the PSR 89991
Wang, T. *see* Zhao, K. 94182
Wang, T.-S.F. A theoretical study of the electron-proton instability in a long proton pulse 89990
Wang, T.C. *see* Yeou-Kuang Tzeng 71831
Wang, T.H., Ciszek, T.F., Schwerdtfeger, C.R. Macroscopically smooth Si layer growth by LPE on cast metallurgical-grade silicon substrates 103845
Wang, T.H., Ciszek, T.F., Schwerdtfeger, C.R., Moutinho, H., Matson, R. Growth of silicon thin layers on cast MG-Si from metal solutions for solar cells 92774
Wang, T.H., Tarucha, S. Effects of finite drain voltage and finite temperature on coherent resonant transport in single electron tunneling regime 83942
Wang, T.H. *see* Ciszek, T.F. 94725
Wang, T.K., Ying, T.H., Mar, W.Y., Tseng, C.L., Liao, C.H., Wang, M.Y. HPGe detector true-coincidence correction for extended cylinder and Marinelli-beaker sources 100807
Wang, T.P. *see* Hsiung Chou 95504
Wang, T.S. *see* Plum, M. 89898
Wang, V. *see* Lundgren, M. 69253
Wang, W., Gong, Y., Yu, G. Study of sectorial groove-gap RF structure for cusptron 74066
Wang, W., Hawwash, K.I.M., Perry, J.G. Contract Type Selector (CTS): a KBS for training young engineers 60481
Wang, W. *see* Galanti, S.A. 96699
Wang, W. *see* Latiff, Z. 74720
Wang, W. *see* Pang, S. 96607
Wang, W. *see* Zhao, Y.-G. 107323
Wang, W.-C., Yee, S., Reinhall, P.G. Fluid viscosity and mass flow sensor using forward light scattering 79463
Wang, W.-C. *see* Lu, S.-C. 74007
Wang, W.-D. *see* Wu, C.-H. 98563
Wang, W.-S. *see* Liao, Y.-P. 64769
Wang, W.-S. *see* Tsao, S.-L. 75536
Wang, W.B. *see* Li, J. 109699
Wang, W.G., Bain, P.A., Horvat, J., Zeimetz, B., Guo, Y.C., Liu, H.K., Dou, S.X. Preparation of Ag-Bi-2223 tape by controlling the phase evolution prior to sintering 113536
Wang, W.G., Liu, H.K., Guo, Y.C., Bain, P., Dou, S.X. Mechanism of deformation and "sandwich" rolling process in Ag-clad Bi-based composite tapes 61450
Wang, W.H. *see* Ming Zhang 94571
Wang, W.I. *see* Du, Q. 85102
Wang, W.I. *see* Guarin, F.J. 61243
Wang, W.I. *see* Hsu, Y. 82685
Wang, W.I. *see* Jimenez, J.L. 63042
Wang, W.I. *see* Yang, Z. 82695
Wang, W.K. *see* Ming Zhang 94571
Wang, W.L. *see* Zhang, R.Q. 92768
Wang, W.Y. *see* Ziegler, J.F. 72394
Wang, X., Blondel, M. Accurate modeling of relaxation oscillation in mixed-coupled distributed feedback semiconductor lasers 96358
Wang, X., Blum, E.K. Parallel execution of iterative computations on workstation clusters 77923
Wang, X., Lenkszus, F., Rotela, E. The development of beam current monitors in the APS 100538
Wang, X., Parks, H.G., Cariss, C., Lowell, J. Optical characterization of surface effects from Cu contaminated SiO_2-Si interfaces 83998
Wang, X., Ruan, D., Van Den Durpel, L., D'hondt, P. A safety evaluation model for transmission lines based on linguistic expressions 102137
Wang, X., Wicker, S.B. Generalized soft decision decoding for concatenated systems 76732
Wang, X. *see* Chen, W.L. 103955
Wang, X. *see* Gan, D. 80876
Wang, X. *see* Gan, D. 80876
Wang, X. *see* Gan, D. 121077
Wang, X. *see* Lumpkin, A. 100419
Wang, X. *see* Lumpkin, A. 100540
Wang, X. *see* Luo, J. 90273
Wang, X.-H. *see* Lowery, A.J. 99529
Wang, X.-J. *see* Catravas, P. 76055
Wang, X.-J. *see* Qiu, X. 69654
Wang, X.-S. *see* Brake, J. 61255
Wang, X.A., Mahajan, R.L. Artificial neural network model-based run to-run process controller 63869
Wang, X.H., Huang, Y.P., Bao, Z.M., Tang, T.A., Li, A.Z., Zou, S.X. Study of the heavy metal gettering effect of porous silicon on SOI structure 84040
Wang, X.J., Babzien, M., Batchelor, K., Ben-Zvi, I., Malone, R., Pogorelsky, I., Qui, X., Sheehan, J., Sharitka, J., Srinivasan-Rao, T. Experimental characterization of the high-brightness electron photoinjector 96485
Wang, X.J., Srinivasan-Rao, T., Batchelor, K., Babzien, M., Ben-Zvi, I., Malone, R., Pogorelsky, I., Qui, X., Sheehan, J., Skaritka, J. Experimental results of the ATF in-line injection system 89699
Wang, X.J. *see* Babzien, M. 96556
Wang, X.J. *see* Palmer, D.T. 89709
Wang, X.J. *see* Palmer, D.T. 100527
Wang, X.J. *see* Qiu, X.Z. 100561
Wang, X.J. *see* Qiu, X.Z. 100988
Wang, X.P. *see* Liu, S. 80767
Wang, X.Q. *see* Glenis, S. 75300
Wang, X.Q. *see* Yuan Ji Pei 100741
Wang, X.W. *see* Chang, C.S. 70735
Wang, X.W. *see* Mallik, A. 74480
Wang, X.W. *see* Xu, J.X. 121035
Wang, Y., Chen, W., Zhang, X., Huang, G., Zhang, H. Development of the plasma detecting system in CO_2 laser welding 107645
Wang, Y., Cooper, J.A., Jr., Melloch, M.R., Sheppard, S.T., Palmour, J.W., Lipkin, L.A. Experimental characterization of electron-hole generation in silicon carbide 74325
Wang, Y., Fish, P.J. Comparison of Doppler signal analysis techniques for velocity waveform, turbulence and vortex measurement: a simulation study 90473
Wang, Y., Hu, Y.Z., Irene, E.A. In situ investigation of the passivation of Si and Ge by electron cyclotron resonance plasma enhanced chemical vapor deposition of SiO_2 84154
Wang, Y., Kuroda, H., Fujimura, M., Nakamura, A. Automatic extraction of eye and mouth fields from monochrome face image using fuzzy technique 67493
Wang, Y., Lakkis, I., El Assad, S., Saillard, J. High-resolution range-Doppler imaging using state-space model 68577
Wang, Y., Monk, P., Szabo, B. Computing cavity modes using the p-version of the finite element method 65937
Wang, Y., Xie, W., Cooper, J.A., Jr., Melloch, M.R., Palmour, J.W. Mechanisms limiting current gain in SiC bipolar junction transistors 105923
Wang, Y. *see* Chen, L.-P. 116419
Wang, Y. *see* Chou, H.P. 107047
Wang, Y. *see* Eng, R.S. 107048
Wang, Y. *see* Guo, G. 121033
Wang, Y. *see* Heinrich, S.M. 60609
Wang, Y. *see* Hu, J.-H. 90337
Wang, Y. *see* Kang, X. 89843
Wang, Y. *see* Lamouri, A. 83704
Wang, Y. *see* Li, H. 70101
Wang, Y. *see* Lim, K.Y. 121031
Wang, Y. *see* Nguyen Van, V. 119898
Wang, Y. *see* Oumansour, K. 68645
Wang, Y. *see* Oumansour, K. 109745
Wang, Y. *see* Susanto, A. 86520
Wang, Y. *see* Tan, Y.L. 80859
Wang, Y. *see* Wang, S. 101455
Wang, Y. *see* Wang, Y.D. 64372
Wang, Y. *see* Whitham, K. 79804
Wang, Y. *see* Xie, W. 105922
Wang, Y. *see* Yin, J. 96096
Wang, Y. *see* Zhao, J. 89924
Wang, Y. *see* Zhu, W. 90342
Wang, Y. *see* Zouak, M. 68614
Wang, Y.-C. *see* Wu, J.-S. 98635
Wang, Y.-K. *see* Chau, Y.A. 99391
Wang, Y.-l. *see* Rahhal, J. 76699
Wang, Y.-T. Multimedia communications: architecture, protocols and performance 98902
Wang, Y.C. *see* Tyan, S.L. 74344
Wang, Y.D., Chen, L.Y., Sui, Y.X., Zhou, B.S.M., Wang, Y., Zheng, Y.X., Qian, Y.H., Jin, Q.Y. Ferromagnetic resonance studies of noble metals based sandwiches 64372
Wang, Y.H., Chen, L.K., Cheung, K.W. Performance of integrated services on a high speed multimedia network 78207
Wang, Y.H., Chen, L.K., Cheung, K.W., Wang, H.S. Performance of MPEG-1 video on multi-access integrated network 78185
Wang, Y.H., Chu, J., Li, S.S., Pin Ho A normal incidence two-color p-type compressive strained-layer InGaAs/GaAs quantum well infrared photodetector 69171
Wang, Y.H. *see* Li, S.S. 69128
Wang, Y.H. *see* Liang, T.-X. 62495
Wang, Y.H. *see* Sze, P.W. 82590
Wang, Y.H. *see* Wang, D.C. 69162

Wang, Y.J., Patt, B.E., Iwanczyk, J.S., Cherry, S.R., Shao, Y. Detector optimization for hand-held CsI(Tl)/HgI$_2$ gamma-ray scintillation spectrometer applications 80049
Wang, Y.L. *see* Hirano, K. 94189
Wang, Y.N. *see* Tian, W. 115887
Wang, Y.W. *see* Scholl, M.S. 89160
Wang, Y.Y. *see* Li, Z.H. 114992
Wang, Y.Y. *see* Zhang, J.Z. 76651
Wang, Y.Z. *see* Epstein, A.J. 96022
Wang, Y.Z. *see* Lai, W.Y. 106587
Wang, Y.Z. *see* Tsai, T.C. 61480
Wang, Y.Z. *see* Wang, H.L. 85301
Wang, Y.Z. *see* Zhang, C. 75295
Wang, Z., Bryanston-Cross, P.J., Whitehouse, D.J. Phase difference determination by fringe pattern matching 117570
Wang, Z., Hagan, D.J., Van Stryland, E.W., Assanto, G. Phase-insensitive, single wavelength, all-optical transistor based on second order nonlinearities 76100
Wang, Z., Jullien, G.A., Miller, W.C. On computing Chebyshev optimal nonuniform interpolation 97846
Wang, Z., Nakamura, Y. Quarternary giant magnetoresistance random access memory 84846
Wang, Z., Nakamura, Y. Analytical model in a weakly coupled sandwich for memory purposes 84848
Wang, Z., Nakamura, Y. The magnetization reversal mechanism in soft magnetic film 106495
Wang, Z., Nakamura, Y. A new type of GMR memory 106608
Wang, Z., Rao, R.K., Nandy, D., Ben-Arie, J., Jojic, N. Generalized feature detection using the Karhunen-Loeve transform and expansion matching 86497
Wang, Z., Yu, Y. Partial iterated function system based fractal image coding 117805
Wang, Z. *see* Ben-Arie, J. 86912
Wang, Z. *see* Cheeke, J.D.N. 106458
Wang, Z. *see* Chrzanowska-Jeske, M. 73322
Wang, Z. *see* Jiang, M. 89418
Wang, Z. *see* Klir, G.J. 92606
Wang, Z. *see* Mutoh, T. 108043
Wang, Z. *see* Nakamura, Y. 84847
Wang, Z. *see* Shao, X. 89419
Wang, Z. *see* Tan, M. 80505
Wang, Z. *see* Wang, M.C. 65716
Wang, Z. *see* Woodward, S.L. 99575
Wang, Z.-C., Yoshizuka, H., Hara, M. Electrical breakdown of liquid helium affected by thermal bubbles under DC nonuniform electric fields 75009
Wang, Z.-G., Berroth, M., Thiede, A., Rieger-Motzer, M., Hofmann, P., Hulsmann, A., Kaufel, G., Kohler, K., Raynor, B., Schmeider, J. Low power data decision IC for 20-40 Gbit/s data links using 0.2 μm AlGaAs/GaAs HEMTs 119130
Wang, Z.-G., Berroth, M., Thiede, A., Rieger-Motzer, M., Hofmann, P., Hulsmann, A., Kaufel, G., Kohler, K., Raynor, B., Schneider, J. 10 and 20 Gbit/s clock recovery GaAs IC with 288° phase-shifting function 99476
Wang, Z.C. *see* Shi, B. 113245
Wang, Z.D. *see* Jian-Xin Zhu 105232
Wang, Z.D. *see* Sheng, L. 75075
Wang, Z.D. *see* Sheng, L. 105325
Wang, Z.D. *see* Zhy Jianxin 75351
Wang, Z.G. *see* Wu, J. 63088
Wang, Z.L., Wu, J., Yang, Z.J., Zhu, Y.Y., Ming, N.B. Optical bistability and hysteresis in a two-dimensional periodic structure fabricated in Fe doped LiNbO$_3$ 65539
Wang, Z.L., Zhu, Y.Y., Xu, N., Ming, N.B. Optical response in two-dimensional optical superlattices with Kerr nonlinearity 85663
Wang, Z.L. *see* Yang, T. 82683
Wang, Z.Q., Cartwright, C.M., Gillespie, W.A., Cook, N.J. Effects of spatial bias on moving gratings in bismuth silicon oxide at large fringe modulation 96771
Wang, Z.S. *see* Li, W.S. 104763
Wang, Z.Y. *see* Xin, J.G. 107106
Wang, Z.Z. *see* Baccus, B. 74816
Wang Anbo *see* Anbo Wang
Wang Anliang *see* Anliang Wang
Wang Bai *see* Wang Hongman 109182
Wang Baisuo, Lin Bin Properties of slotted coaxial line with elliptic cross-section 93684
Wang Bao Ping *see* Bao Ping Wang
Wang Baofa, Guan Dexin, Wang Shuzeng Numerical scheme to obtain the scattering field of serrated targets using the conjugate gradient method and fast Fourier transform 78956
Wang Baoping *see* Huang Zhongping 73983
Wang Baoping *see* Baoping Wang
Wang Benzhong *see* Liu Baolin 75918
Wang Bin *see* Bin Wang
Wang Bingfeng *see* Zhao Jijiu 119972
Wang Bingkui *see* Zhai Xianghua 76105
Wang Binquan *see* Binquan Wang
Wang Bor-Chin *see* Bor-Chin Wang
Wang Bor-Jenq *see* Bor-Jenq Wang
Wang Bor-Min *see* Bor-Min Wang
Wang Bor-Tsuen *see* Bor-Tsuen Wang
Wang Caihua *see* Caihua Wang
Wang Ce *see* Ce Wang
Wang Cehuan *see* Li Guohui 105179
Wang Cha Kai-Da *see* Cha Kai-Da Wang
Wang Chang-Yu *see* Chang-Yu Wang
Wang Changbiao *see* Changbiao Wang
Wang Changliang, Liao Xiangguang, Zhang Jiangnan A communication controller suitable for distributed control system 78032
Wang Changqing *see* Shen Deyuan 65158
Wang Changqing *see* Changqing Wang
Wang Chen *see* Chen Delai 67589
Wang Chen *see* Chen Wang
Wang Chen-Chia *see* Chen-Chia Wang
Wang Cheng-Yi *see* Cheng-Yi Wang
Wang Chengguang *see* Lin Zhi 116919
Wang Chengshan *see* Dai Hongwei 81040
Wang Chengxun *see* Chengxun Wang
Wang Chengyi *see* Xu Shouyi 87095
Wang Chengyuan *see* Yang Junyou 71392
Wang Chengyun *see* Chengyun Wang
Wang Chenshu *see* Chenshu Wang
Wang Chi *see* Chi Wang
Wang Chi-Luen *see* Chi-Luen Wang
Wang Chi-Ping *see* Chi-Ping Wang
Wang Chian *see* Chian Wang
Wang Chien Sheng *see* Chien Sheng Wang
Wang Chien-Jen *see* Chien-Jen Wang
Wang Chih Hsin *see* Chih Hsin Wang
Wang Chih-Chong *see* Chih-Chong Wang
Wang Chin-Kun *see* Chin-Kun Wang
Wang Chin-Liang *see* Chin-Liang Wang
Wang Ching-Jone *see* Ching-Jone Wang
Wang Ching-Te *see* Ching-Te Wang
Wang Chingyue *see* Dai Jianming 75871
Wang Cho-Li *see* Cho-Li Wang
Wang Chong Mon *see* Chong Mon Wang
Wang Chorng-Kuang *see* Chorng-Kuang Wang
Wang Chu *see* Chu Wang
Wang Chuan *see* Chuan Wang
Wang Chuan-Yu *see* Chuan-Yu Wang
Wang Chun-Shan *see* Chun-Shan Wang
Wang Chun-Xi *see* Chun-Xi Wang
Wang Chunhe *see* Chunhe Wang
Wang Chunhong *see* Zhao Jijiu 119972
Wang Chunhua *see* Sun Luorui 90139
Wang Chunlin *see* Zhang Rongxiang 79343
Wang Churn-Hway *see* Churn-Hway Wang
Wang Cong, Liang Jingkui, Chen Xiaolong, Min Jinrong, Rao Guanghui, Dong Cheng, Che Guangcan, Jia Shunlian Influence of fluorine on the properties of Nd$_{1.85}$Ce$_{0.15}$CuO$_{4-\delta}$ n-type superconductor 75309
Wang Cong *see* Cong Wang
Wang Congjian *see* Congjian Wang
Wang Cunrang *see* Li Xiangmin 62540
Wang Da Ming, Wang Yi Ping A digital frequency meter for mm waves 79601
Wang Daheng *see* Daheng Wang
Wang Daohong *see* Daohong Wang
Wang Daoxiu *see* Ren Zhaoxing 64028
Wang Dawen *see* Dawen Wang
Wang Dazhong *see* Xu Wen 81378
Wang DeLiang *see* DeLiang Wang
Wang Deren, Bai Zhongzhi, Evans, D.J. On the monotone convergence of multisplitting method for a class of systems of weakly nonlinear equations 72650
Wang Dexin *see* Dexin Wang
Wang Dingsheng *see* Dingsheng Wang
Wang Dong *see* Sun Yaming 121141
Wang Dongmei *see* Dongmei Wang
Wang Dongsheng *see* Dongsheng Wang
Wang Dongxia *see* Dongxia Wang
Wang Dongxing *see* Dongxing Wang
Wang Duanyi, Hu Zhengming Efficient design of trellis coded modulation for the channels with different fading 117231
Wang Enping *see* Geng Zhiyong 113060
Wang Er Zhi, Xu Jian Yuan, Liu Zhi Yuan Numerical analysis of 3D electrostatic field of an 550 kV circuit breaker with one break 102902
Wang Erzhi *see* Tong Lizhu 96901
Wang Fan *see* Fan Wang
Wang Fang-Shing *see* Fang-Shing Wang
Wang Fang-Wei *see* Fang-Wei Wang
Wang Fangwei *see* Shen Baogen 64476
Wang Fangzong A neural-type parallel algorithm for load-flow computation 80787
Wang Faqiang, Chen Minghua, Yang Xianglin Interaction of solitons in a soliton transmission system with the control of amplitude modulation 116713
Wang Farn *see* Farn Wang
Wang Feixue, Yu Wenxian, Shen Ronghui A novel method of dynamic IR signal detection 98213
Wang Feng, Xie Kai, Yu Erkeng, Ge Weichun, Ma Xin, Pan Minghai, Liu Guoqi, Wang Manyi Development and application of electric power system load forecasting software package 111545
Wang Feng, Xie Kai, Yu Erkeng, Li Guoqi, Wang Manyi A simple and effective ultrashort term load forecasting method 70804
Wang Feng *see* Xie Kai 121061
Wang Feng *see* Feng Wang
Wang Feng Yuan Processing technologies of MMW components 62215
Wang Fengxia *see* Jia Ruijin 79095
Wang Fu-Cheng *see* Fu-Cheng Wang
Wang Fu-Ching *see* Fu-Ching Wang
Wang Fu-Quan *see* Fu-Quan Wang
Wang Furen *see* Furen Wang
Wang Gang *see* Chen Chaoying 121097
Wang Gang *see* Xu Zhengxiong 81074
Wang Gang *see* Gang Wang
Wang Gaofeng *see* Gaofeng Wang
Wang Ge *see* Ge Wang
Wang Gene-Jack *see* Gene-Jack Wang
Wang Gong-Tang *see* Wang Xiang-Tai 72871
Wang Gouyou *see* Gouyou Wang
Wang Guangming, Yuan Chunwei, Lu Zuhong, Wei Yu Enhancement of organic electroluminescent intensity by charge transfer from guest to host 64986
Wang Guangming *see* Guangming Wang
Wang Guangsheng, Wang Pingyang, Hu Zhaoyi, Song Yonghua Fuzzy controller of induction motors 71320
Wang Guangwu *see* Guangwu Wang
Wang Guangxian *see* Zhao Yunfeng 80932
Wang Guicheng, Fang Zhigao, Zhang Danhong, Xie Rougsheng, Sun Baogen, Wang Jihong, Zhao Feng, Zhou Yuehua, Wu Jinqi Design and application of Gaussian filter in BPM of super-short pulse 69862
Wang Guo-yu *see* Guo-yu Wang
Wang Guolin, Xu Rongqing, Gu Jianzheng ISAR motion compensation based on dynamic range compression 119317
Wang Guoyou *see* Zhang Tianxu 117838
Wang Guoyou *see* Guoyou Wang
Wang Guozhao *see* Tong Ruofeng 120841
Wang Hai *see* Hai Wang
Wang Hai-Xiao *see* Hai-Xiao Wang
Wang Haibin, Li Zhonghao, Song Yanrong, Ja Suotang, Zhou Guosheng Spatial-temporal properties of propagation of optical pulse in an abnormal dispersive medium 116693
Wang Haibo *see* Liu Po-Ching 74839
Wang Haifeng, Li Naihu, Chen Heng, Tang Guoqing, Swift, F. Static VAr compensator in damping power system oscillations. I. Theoretical analysis 91037
Wang Haifeng, Li Naihu, Chen Heng, Tang Guoqing, Swift, F. Static VAr compensator in damping power system oscillation. II. Case study 91038
Wang Haiming *see* Haiming Wang
Wang Haizhong, Yu Erkeng The short-term optimal dispatch for pumped-storage plant group 81349
Wang Haizhong, Yu Erkeng Using coordinative equation in the study for short-term optimal dispatch of pumped-storage plant group 91388
Wang Han *see* Han Wang
Wang Hao, Lu Jingui, Wei Luncun A mode for the cathode mechanism in a transverse magnetic steered vacuum arc 71570
Wang Hao-cai *see* Zhang Huai-wu 115703
Wang Haocai *see* Zhang Huaiwu 116009
Wang Haocai *see* Zhong Zhiyong 116010
Wang Hau-Wei *see* Hau-Wei Wang
Wang Hong, Xu Ming Applying case-based reasoning to macro cell layout 61543
Wang Hong *see* Li Sikun 61539
Wang Hong *see* Hong Wang
Wang Hong Shen *see* Hong Shen Wang
Wang Hong-Shen *see* Hong-Shen Wang
Wang Honggu *see* Su Chunguang 98157
Wang Honghong, Lu Donghui, Liu Zhengxin A study of 6H α-SiC implanted with Ag ions in MEVVA ion source 63260
Wang Hongjie *see* Liu Ying 96390
Wang Hongman, Wang Bai, Ai Bo. Chen Junliang Design and implementation of Chinese INAP 109182
Wang Hongmei *see* Li Yangxian 62688
Wang Hongmei *see* Hongmei Wang
Wang Hongpu *see* Deng Youman 111596
Wang Hongwei, Yang Jingmin, Tsien Peihsin Research on technology of local recrystallization SOI by laser single scanning 63206
Wang Hongwei *see* Hongwei Wang
Wang Hongyu *see* Hongyu Wang
Wang Hongzhou *see* Hongzhou Wang
Wang Horng-Jwo *see* Horng-Jwo Wang
Wang Houshu *see* Li Ming 101270
Wang Houwen A new achromatic isochronous magnetic deflection system 69604
Wang Hsiao-Chuan *see* Hsiao-Chuan Wang
Wang Hsiao-Fan *see* Hsiao-Fan Wang
Wang Hsing-Wen *see* Hsing-Wen Wang
Wang Hsu-Chih *see* Hsu-Chih Wang
Wang Hua *see* Wu Yue 118305
Wang Hua-Ming *see* Hua-Ming Wang
Wang Hua-Xiang, Yin Wu-Liang Optimum design of an array of segmented capacitance sensor for multi-phase interface measuring system 79305
Wang Huabing *see* Huabing Wang
Wang Huacen, Wen Long, Zhang Wenwei, Yan Xiaolin, Deng Jiajun, Ding Bainan, Tao Zhucong Physical design study on linear induction accelerator cell 120038
Wang Huacen *see* Zhang Wenwei 110336
Wang Huaiqing *see* Huaiqing Wang
Wang Huanchen *see* Jin Wu 72452
Wang Huanchen *see* Tian Peng 72561
Wang Huayu *see* Li Jianjun 63831
Wang Huei *see* Huei Wang
Wang Hui, Xu Chuanxiang, Mo Dang Effect of organic electronic insulation material on the sustained voltage of diode at high temperature 64118
Wang Hui *see* Jin Weimin 116775
Wang Hui *see* Liu Zhanwen 110531
Wang Hui *see* Yang Huazhong 106123
Wang Hui *see* Ying Chaofu 65566

Wang Hui Yun *see* Hui Yun Wang
Wang Huifang *see* Chen Lingyan 120193
Wang Huili *see* Huili Wang
Wang Huitian *see* Huitian Wang
Wang Hung-Yih *see* Hung-Yih Wang
Wang Je, Li Yuzhen, Jiang Jingping A fast hybrid algorithm to control an AC servo drive system based on neural networks 81946
Wang Jee-Wey *see* Jee-Wey Wang
Wang Jhing-Fa *see* Jhing-Fa Wang
Wang Jia-Jung *see* Jia-Jung Wang
Wang Jia-Lung *see* Jia-Lung Wang
Wang Jia-Yin *see* Jia-Yin Wang
Wang Jia-Zhu *see* Jia-Zhu Wang
Wang Jiacang *see* Li Minghua 75404
Wang Jiachang, Li Minghua, Xu Kebin, Xu Huaifang Growth and the photorefractive effect of Tb and Fe co-doped $LiNbO_3$ crystal 75381
Wang Jiaming *see* Mao Dali 104889
Wang Jian *see* Jian Wang
Wang Jian-Guo *see* Jian-Guo Wang
Wang Jian-jun, Lu Fan-xiu Effect of pressure on the nucleation of diamond with addition of oxygen in the microwave plasma chemical vapor deposition system 113443
Wang Jian-Ping *see* Jian-Ping Wang
Wang Jian-She *see* Jian-She Wang
Wang Jian-Sheng *see* Jian-Sheng Wang
Wang Jian-Xiu *see* Li Gui-Ling 79154
Wang Jianchao *see* Jianchao Wang
Wang Jiangzhou *see* Jiangzhou Wang
Wang Jianhua *see* Zhang Jian 119345
Wang Jianjuan *see* Liu Yulan 80908
Wang Jiann Shiun *see* Jiann Shiun Wang
Wang Jianping *see* Jianping Wang
Wang Jianqi, Zhung Boming, Zhuo Zichen Optimal generation unit commitment by dynamic comparing 120997
Wang Jianshi *see* Jianshi Wang
Wang Jianxin, Dong Zaiwang A fast algorithm for modified discrete cosine transform 117221
Wang Jianxin *see* Jianxin Wang
Wang Jianxiong *see* Zhang Wenlei 111454
Wang Jianzhong *see* Jianzhong Wang
Wang Jicheng, Guo Guanghui, Zhao Jinhua, Yang Yongfeng An effective method for studying heavy neutron-rich nuclide 90162
Wang Jie, Liu Bingjun, Zhao Shuqiang, Zhang Wenqin Periodic solution in multimachine power system affected by parameter variations 80791
Wang Jie *see* Sang Wenbin 105169
Wang Jie *see* Jie Wang
Wang Jifeng A new normative form for single eigenvalue systems 92369
Wang Jihong *see* Wang Guicheng 69862
Wang Jimei *see* Jin Li 81595
Wang Jin *see* Jin Wang
Wang Jin Suk *see* Jin Suk Wang
Wang Jin-Cheng *see* Jin-Cheng Wang
Wang Jin-Suk *see* Jin-Suk Wang
Wang Jinchuan, Zhan Wenlong, Guo Zhongyan, Xi Hongfei, Zhou Jianqun, Zhao Youxiong, Lei Huaihong, Luo Yongfeng A two-dimensional position sensitive multi-stage detection system with a wide dynamic range for heavy ion reaction 69823
Wang Jing, Weng Liangjun, Wang Jue, Chen Jingzhi Heart sounds analysis in joint time-frequency domain 120315
Wang Jing *see* Ren Zhijun 118813
Wang Jing *see* Wang Zhaocheng 118797
Wang Jing *see* Xiao Weimin 118040
Wang Jing *see* Zhao Ming 119048
Wang Jing *see* Jing Wang
Wang Jinghua *see* Jinghua Wang
Wang Jingli *see* Li Maotang 111122
Wang Jingqin *see* Tang Yiliang 114371
Wang Jingyu, Yao Yongyang Handover traffic model and channel occupancy time in LEO satellite networks 109371
Wang Jinrong *see* Jiang Yicheng 109796
Wang Jiun-Fang *see* Jiun-Fang Wang
Wang Jiyang, Sun Daliang, Chen Huanchu, Romanewicz, J., Mundschau, M. Observation of ferromagnetic domains of a Nd-Fe-B single crystal using photoelectron microscopy 64301
Wang Jiye *see* Lu Kecheng 65034
Wang Jue *see* Wang Jing 120315
Wang Juite *see* Juite Wang
Wang Jun, Wang Ruli, Hua Tiejun, Chen Gaofeng, Fu Yanhong, Kuang Dingbo Research of application of optical Fourier transform and wavelet transform for real-time fingerprint recognition 77115
Wang Jun *see* Wang Xiang-Tai 72871
Wang Jun *see* Jun Wang
Wang Jung *see* Jung Wang
Wang Jung-Hua *see* Jung-Hua Wang
Wang Junkui *see* Yang Yiqian 72964
Wang Junmin *see* Junmin Wang
Wang Junying *see* Yao Zhixin 65032
Wang Jyh-Ping *see* Jyh-Ping Wang
Wang Jyhpyng *see* Jyhpyng Wang
Wang Kangwen, Wang Ruli, Yan Yixun Optoelectronic hybrid system for the full-search block-matching algorithm 95888
Wang Ke-Ming *see* Ke-Ming Wang
Wang KeChang *see* KeChang Wang
Wang Keming, Xu Leping Application of VHDL to digital system design 61525
Wang Keming *see* Wang Zhonglie 114555
Wang Keming *see* Zhuo Zhuang 75518
Wang Koda *see* Koda Wang
Wang Kuang *see* Han Yan 109908
Wang Kuansan *see* Kuansan Wang
Wang Kuixiang *see* Deng Jingchuan 79235
Wang Kun *see* Xue Zhenghui 97220
Wang Kun *see* Kun Wang
Wang Kunyu *see* Kunyu Wang
Wang Kuo-Hua *see* Kuo-Hua Wang
Wang Kuochen *see* Kuochen Wang
Wang Lan *see* Lan Wang
Wang Lei, Zou Yan, Tang Guoqing, Zhang Jianming, Cao Weizhong The realization of a geographical information system for electrical distribution 81058
Wang Li *see* Li Wang
Wang Li-Chun *see* Li-Chun Wang
Wang Li-Wei *see* Li-Wei Wang
Wang Lian-Wei *see* Lian-Wei Wang
Wang Liancheng *see* Liancheng Wang
Wang Liang-Min *see* Liang-Min Wang
Wang Liangsheng *see* Zhou Xiang 92800
Wang Liangui One type of initial value problem in equation of electromagnetic pulse waves 76363
Wang Liansheng *see* Liansheng Wang
Wang Lianwai *see* Lianwai Wang
Wang Lianwei *see* Lianwei Wang
Wang Liding *see* Yung Chongzhi 69367
Wang Lien-Chang *see* Lien-Chang Wang
Wang Lifang, Zhang Baocheng, Yu Jin, Wang Tong, Wu Genfa, Geng Rongli, Zhao Kui The research progress of 1.5 GHz Chinese niobium superconducting cavity 115969
Wang Lifu, Huang Jinxi, Hu Jiayuan Calculation of mutual coupling for microstrip arrays using FFT method 66169
Wang Likarn *see* Likarn Wang
Wang Limei *see* Guo Qingding 91477
Wang Limei *see* Guo Qingding 121517
Wang Limin *see* Limin Wang
Wang Liming *see* Chen Lingyan 120193
Wang Liming *see* Liming Wang
Wang Lin *see* Lin Wang
Wang Lin-Cheng *see* Lin-Cheng Wang
Wang Ling *see* Sang Fengting 107095
Wang Ling *see* Wan Jian-Wei 117520
Wang Ling *see* Ling Wang
Wang Ling-Ling *see* Ling-Ling Wang
Wang Lingli *see* Lingli Wang
Wang Lining *see* Zhan Daoyong 88134
Wang Long *see* Long Wang
Wang Longhua *see* Liu Jinru 116344
Wang Lu-Chun *see* Lu-Chun Wang
Wang Lung-Hsiung *see* Lung-Hsiung Wang
Wang Lusheng *see* Lusheng Wang
Wang Manyi *see* Wang Feng 70804
Wang Manyi *see* Wang Feng 111545
Wang Manying *see* Qiu Runzhi 118269
Wang Mao *see* Mao Wang
Wang Meitian *see* Li Jianjun 63831
Wang Min-Chiang *see* Min-Chiang Wang
Wang Ming, Jiang Song, Yang Rui, Bai Yingcai The integration of large-scale enterprise networking environment 118336
Wang Ming *see* Giam Kim Toh 92168
Wang Ming *see* Jin Zhengyi 118070
Wang Ming *see* Tung, P. 92169
Wang Ming *see* Ming Wang
Wang Mingchang, Wang Zhijiang, Yu Huang, Zhang Lifen, Lu Bin, Zhu Junbiao, Lee, J.K. A new beam source for free electron lasers 96498
Wang Mingchang *see* Zhu Junbiao 62549
Wang Mingda *see* Xu Hua 65401
Wang Minghua *see* Jiang Xiaoqing 97232
Wang Mingjun, Yu Erkeng, Liu Guangyi Distribution automation and its developing. (II). Open system architecture for distribution management system 121125
Wang Mingli, Fang Zhengxiu, Li Yufeng The variation of the central wavelength of all dielectric hard thin narrow-band filters 95935
Wang Mingxiang *see* Mingxiang Wang
Wang Mingxin, Zeng Nanchao, Tao Yu A summary of the operation performance of Ge-Nan HVDC link in 1994 91124
Wang Moon-Yee *see* Moon-Yee Wang
Wang Na-Xin *see* Na-Xin Wang
Wang Naining *see* Zheng Gang 79692
Wang Ning *see* Ning Wang
Wang Pei-Wen *see* Pei-Wen Wang
Wang Peir-Jyh *see* Peir-Jyh Wang
Wang Peiwei, Shi Caitu, Sun Jian Analysis and calculation of three dimensional fields of hybrid insertion devices 120072
Wang Peng *see* Peng Wang
Wang Peng-Ye *see* Peng-Ye Wang
Wang Pie-Yong *see* Pie-Yong Wang
Wang Ping *see* Ping Wang
Wang Ping-Wei *see* Ping-Wei Wang
Wang Pingshan *see* Xia Liansheng 62578
Wang Pingyang *see* Wang Guangsheng 71320
Wang Pu, Feng Guogang, Mao Jinglong, Zhou Chuangzhi, Shan Yusheng Experimental study of the triatomic excimer Kr_2F laser 116343
Wang Qi *see* Wang Youfa 75517
Wang Qi *see* Zhou Chi 96110
Wang Qian, Yu Yizhuan, Shi Yongduo SCADA ultra-screen realtime projection system [for power network automation] 111503
Wang Qiang *see* Qiang Wang
Wang Qiming Advance in integrated semiconductor photonic circuits 85324
Wang Qiming *see* Liu Yuliang 75523
Wang Qiming *see* Pan Zhong 65273
Wang Qin *see* Zhou Shuquan 75556
Wang Qinfen *see* Zhang Shaohua 81330
Wang Qing, Su Zhongmin, Lin Xingliang The information carrying in vector quantized images 118221
Wang Qing *see* Qing Wang
Wang Qingji *see* Li Yimin 95938
Wang Qingpu, Zhao Shengzhi, Zhang Xingyu, Sun Lianke, Zhang Shaojun Laser characteristics of low threshold high efficiency Nd:S-FAP crystal 96162
Wang Qingpu *see* Sun Lianke 65116
Wang Qingpu *see* Zhao Shengzhi 65149
Wang Qingpu *see* Qingpu Wang
Wang Qingyue *see* Shi Jiying 81535
Wang Qingyue *see* Zhang Shukui 116695
Wang Qingyue *see* Qingyue Wang
Wang Qiping *see* Rong Mingzhe 62428
Wang Qiping *see* Zheng Xinjian 62408
Wang Qiping *see* Qiping Wang
Wang Qishan *see* Liu Bo 67343
Wang Qiuliang *see* Qiuliang Wang
Wang Quixiong *see* Quixiong Wang
Wang Ren *see* Chen Xiaochuan 112554
Wang Rong *see* Rong Wang
Wang Ronghua *see* Ronghua Wang
Wang Rongping *see* Rongping Wang
Wang Ruey-Jen *see* Ruey-Jen Wang
Wang Rui-Chi *see* Rui-Chi Wang
Wang Ruibo *see* Song Yinglin 76103
Wang Ruigang *see* Ruigang Wang
Wang Ruisheng, Zhu Lei, Qian Liejia, Lin Fucheng Formation mechanism of the ultrashort laser pulse trains generated by a short cavity dye laser 65060
Wang Ruli *see* Ruan Zhigang 98173
Wang Ruli *see* Wang Jun 77115
Wang Ruli *see* Wang Kangwen 95888
Wang Ruli *see* Zhu Zhencai 75603
Wang Run-Han *see* Run-Han Wang
Wang Runmei *see* Runmei Wang
Wang Runwen *see* Wei Zaifu 65386
Wang Ruoping, Fichthorn, K.A. Computer simulation of metal thin-film epitaxy 61238
Wang Rynn *see* Rynn Wang
Wang Shan *see* Pirogov, Y.A. 69482
Wang Shan *see* Pirogov, Y.A. 73718
Wang Shang-Hua *see* Shang-Hua Wang
Wang Shanli *see* Yang Yukan 103857
Wang Shaolin, Zheng Xiaosong, Qiu Zhengfen A soliton resonance approach to dim moving point target detection in high noisy background 66927
Wang Shaomin *see* Shaomin Wang
Wang Shen-Ge *see* Shen-Ge Wang
Wang Sheng, Fu Shinian, Yang Tianlu Nonlinear transport for beam phase space of the high current injector 69659
Wang Sheng, Fu Shinian, Yang Tianju Emittance growth due to the nonlinear RF field near the cathode of RF electron gun 105006
Wang Sheng-De *see* Sheng-De Wang
Wang Sheng-Jyh *see* Sheng-Jyh Wang
Wang Shengrui *see* Shengrui Wang
Wang Shengwu *see* Wei Yan 79439
Wang Shengyou *see* Shengyou Wang
Wang Shenq *see* Shenq Wang
Wang Shi Nan *see* Shi Nan Wang
Wang Shi-Qing *see* Shi-Qing Wang
Wang Shiann-Jang *see* Shiann-Jang Wang
Wang Shifan *see* Liu Yi 96801
Wang Shih Wei *see* Shih Wei Wang
Wang Shih-Cheng *see* Shih-Cheng Wang
Wang Shih-Ping *see* Shih-Ping Wang
Wang Shih-Wei *see* Shih-Wei Wang
Wang Shih-Yih *see* Shih-Yih Wang
Wang Shihua *see* Shihua Wang
Wang Shijie The analysis and investigation on the characteristic of field effect transistor (FET) constant current stabiliser 93104
Wang Shikui, Li Yong, Jia Zhong 16-bit processor of multiplexing transmission bus communication interface embedded on 93475
Wang Shinan *see* Shinan Wang
Wang Shinmin *see* Shinmin Wang
Wang Shiuh-Jeng *see* Shiuh-Jeng Wang
Wang Shoujue *see* Lu Huaxiang 106131
Wang Shu-Hong *see* Shu-Hong Wang
Wang Shu-Shaw *see* Shu-Shaw Wang
Wang Shui-Jinn *see* Shui-Jinn Wang
Wang Shuicai, Xiao Dong, Yang Jianjun, Tang Jianming, Guan Yichun Investigation of multi-wavelength tunable Ti:sapphire femtosecond laser 96182
Wang Shuicai *see* Tang Jianming 85448
Wang Shuicai *see* Tang Jianming 85449
Wang Shuicai *see* Yang Jianjun 96236
Wang Shunshin *see* Yu Zhongqiang 120207
Wang Shuxun *see* Zhang Yan 108242
Wang Shuzeng *see* Wang Baofa 78956
Wang Shyh-Jier *see* Shyh-Jier Wang
Wang Shyi-Wen *see* Shyi-Wen Wang
Wang Siqing, Lu Haibo, Ma Fukang, Mu Yufeng Heterogeneous nucleation of diamond under high static pressure and high temperature 72859
Wang Song, Q. *see* Li-Qun Gu 106903
Wang Song, Q. *see* Tallent, J. 106771
Wang Song Qi *see* Qi Wang Song

Wang Suofa *see* Xu Qiuxia 83751
Wang Tahui *see* Tahui Wang
Wang Tai Peng *see* Tai Peng Wang
Wang Tang *see* Joyce, K.T. 80584
Wang Tao *see* Tao Wang
Wang Te-Shun *see* Te-Shun Wang
Wang Ting *see* Ting Wang
Wang Tingbu *see* Zhang Jing 91049
Wang Tingwu *see* Tingwu Wang
Wang Tong *see* Wang Lifang 115969
Wang Tongqing *see* Tongqing Wang
Wang Tso-Chien *see* Tso-Chien Wang
Wang Tsung-Hsiung *see* Tsung-Hsiung Wang
Wang Wan-Xian *see* Wan-Xian Wang
Wang Wanjun *see* Wanjun Wang
Wang Way-Seen *see* Way-Seen Wang
Wang Wei Some opinions about the development of EMS 111529
Wang Wei, Chen Zhe Identification of DEM-related error models in terrain aided navigation 109836
Wang Wei, Guo Shangping, Jian Shuisheng Investigation of fiber propagation characteristics in a single-mode fiber with special dispersion 106827
Wang Wei, Guo Zihai, Pang Zhenmin The study of topological mapping in the application of human face recognition 108520
Wang Wei, Jing-Qing Han A method on the smoothing of general locally bounded integrable functions 97763
Wang Wei, Zhang Lei, Li Ke The study of half bridge series-parallel resonant power supply 73094
Wang Wei *see* Lu Shanwei 76631
Wang Wei *see* Wei Wang
Wang Wei Guo *see* Winston Sijin Choe 78200
Wang Wei-Chung *see* Wei-Chung Wang
Wang Wei-Ping *see* Wei-Ping Wang
Wang Weicheng *see* Yu Baosheng 121817
Wang Weiguo *see* Weiguo Wang
Wang Weiqi *see* Weiqi Wang
Wang Weitian *see* Weitian Wang
Wang Weixiang, Liu Songhao, Zhang You, Mei Yanbiao, Chen Kexin Influence of preparation parameters on the particle size of nanosized silicon 92932
Wang Weiyuan *see* Jiao Jiwei 83818
Wang Wen *see* Wen Wang
Wang Wen-Bing *see* Wen-Bing Wang
Wang Wen-June *see* Wen-June Wang
Wang Wen-Shan *see* Lu Chung-Chin 111603
Wang Wen-Sheng *see* Wen-Sheng Wang
Wang Wenbing *see* Peng Yuhua 108243
Wang Wenbing *see* Xu Liang 117084
Wang Wenbing *see* Yin Wenyan 97276
Wang Wenbing *see* Wenbing Wang
Wang Wencheng *see* Wencheng Wang
Wang Wendong *see* Wendong Wang
Wang Wenjun A baseband demodulator based on DSP algorithm and its CAD 119123
Wang Wenjun *see* Wenjun Wang
Wang Wenlu, Yang Yingbai, Jin Guofan, Wu Minxian Optical multi-channel texture segmentation technique 98174
Wang Wennai *see* Tang Baomin 118398
Wang Wenping Theorem on grey linear programming 92520
Wang Wenxiang *see* Wenxiang Wang
Wang Wenxing *see* Li Yuejin 88964
Wang Wenyi *see* Cheng Kan 60713
Wang Wenzhong *see* Wenzhong Wang
Wang Weyl-Kuo *see* Weyl-Kuo Wang
Wang Wutu *see* Wutu Wang
Wang Xia, Chen Jun, Zheng Shuxin Design of optical separation system used for calibration of simulation eyes 119521
Wang Xiagmin *see* Xiagmin Wang
Wang Xiaming *see* Xiaming Wang
Wang Xian *see* Xian Wang
Wang Xiang-Tai, Man Bao-Yuan, Wang Gong-Tang, Fan Xi-Jun, Wang Jun, Xu Bing-Zhang, Mei Liang-Mo Plasma properties of laser-ablated Si target in air 72871
Wang Xiangyang, Zha Ying, Zha Kaide, Liao Yanbiao Production of fiber Bragg grating and application in strain sensors system 79481
Wang Xianhua *see* Liu Dongfeng 75832
Wang Xianhua *see* Liu Dongfeng 96398
Wang Xianjia Optimal production functions and their homogeneity, superadditivity, and concavity 113186
Wang Xianxu *see* Ma Shaojie 64776
Wang Xianzheng *see* Yu Yongynan 121072
Wang Xiao *see* Chen Shui-Sheng 73717
Wang Xiao-An *see* Xiao-An Wang
Wang Xiao-Lin *see* Chen Wei-Min 79309
Wang Xiaodong *see* Xiaodong Wang
Wang Xiaoguang *see* Xiaoguang Wang
Wang Xiaohua, Fend Zhenming Survey of rural household energy consumption in China 91255
Wang Xiaokui *see* Meng Xiaofeng 79285
Wang Xiaoliang, Sun Dianzhao, Kong Meiying, Hou Xun, Zeng Yiping GSMBE growth and PL investigation of lattice-matched InGaAs/InP quantum wells 103929
Wang Xiaomei *see* Xiaomei Wang
Wang Xiaoming *see* Xiaoming Wang
Wang Xiaoping *see* Xiaoping Wang
Wang Xiaoqin *see* Meng Shaoxian 107483
Wang Xiaotian *see* Yan Aru 95351
Wang Xiaotian *see* Xiaotian Wang
Wang Xiaowei *see* Zheng Tianxue 121363
Wang Xiaozhen, Zhang Jinlin Study on characteristics of ladder slow-wave structures 62643
Wang Xifan, Wang Xiuli Analytical approach to electric network including saturating ferromagnetic coil 80796
Wang Xifan, Wang Xiuli Analytical approach to electric network including saturating ferromagnetic coil 80990
Wang Xifan *see* Li Linchuan 91036
Wang Xifan *see* Xifan Wang
Wang Xilian *see* Zhang Guowei 79429
Wang Xin A new algorithm based on dynamic model for load forecasting 80975
Wang Xin Advanced radial basis function network (RBFN) and its application in short-term load forecasting 121062
Wang Xin-Mei *see* Yu Jian-Ping 66455
Wang Xin-Rong *see* Xin-Rong Wang
Wang Xinbing, Xu Qiyang, Xie Minjie, Li Zaiguang Coupling losses and mode properties in planar waveguide resonators 106842
Wang Xindong *see* Xindong Wang
Wang Xinfeng *see* Dai Fei 120980
Wang Xing, Li Zhaoji, Tang Maocheng Analysis of the forward characteristics for emitter-switched thyristor 63649
Wang Xing *see* Zhu Wendong 70741
Wang Xinh, Albregtsen, F., Foyn, B. Gray level gap length matrix: a new approach for texture analysis 97981
Wang Xinjun *see* Xinjun Wang
Wang Xinmei *see* Ma Jianfeng 86162
Wang Xinmei *see* Yu Jianping 108124
Wang Xinmin Convergence of parallel AOR and GAOR methods applied to H-matrices 113228
Wang Xinqiao *see* Xinqiao Wang
Wang Xinwei *see* Li Gengyin 90950
Wang Xinyu *see* Xinyu Wang
Wang Xiqing, Lu Baida Focused field characteristics of Hermite-Gaussian beams 65409
Wang Xishi *see* Hui Yongqin 113035
Wang Xiu *see* Xu Guanfeng 65522
Wang Xiu *see* Zhou Xiang 92800
Wang Xiujin *see* He Suyou 99851
Wang Xiuli *see* Li Linchuan 91036
Wang Xiuli *see* Wang Xifan 80796
Wang Xiuli *see* Wang Xifan 80990
Wang Xiuli *see* Xiuli Wang
Wang Xiuming *see* Xiuming Wang
Wang Xu-Ming *see* Xu-Ming Wang
Wang Xuan *see* Li Chunsheng 97824
Wang Xuan *see* Zhao Hong 70916
Wang Xue-Lun *see* Xue-Lun Wang
Wang Xun *see* Gao Yong 75522
Wang Xun *see* Lu Xuekun 83856
Wang Xun *see* Xun Wang
Wang Xusheng, Zhang Xianchi, Guo Aqiang Optical absorptivities of doped PZT pyroelectric ceramics 84763
Wang Ya-Dong *see* Ya-Dong Wang
Wang Yan *see* Yan Wang
Wang Yang *see* Yang Wang
Wang Yangyuan *see* Li Zhihong 84537
Wang Yangyuan *see* Liu Xiaowei 84041
Wang Yangyuan *see* Wei Liqiong 61800
Wang Yangyuan *see* Xi Xuemei 105966
Wang Yangyuan *see* Yangyuan Wang
Wang Yanyun *see* Yanyun Wang
Wang Yaolin *see* Yaolin Wang
Wang Yaoming *see* Qu Wenlong 104309
Wang Yaorong, Wu Xiaoping The creep test system of VXI BUS 87762
Wang Yaoyu, Yu Yixin Distributed asynchronous iterative algorithm of load flow in distributed distribution management systems (DDMS) 81057
Wang Yaoyu, Yu Yixin A distributed asynchronous state estimation algorithm for distributed energy management system (DEMS) 91035
Wang Yaozhong *see* Wen Yanhong 98722
Wang Yaru *see* Zhao Jijiu 119972
Wang Yaxin *see* Yaxin Wang
Wang Yazhen *see* Yazhen Wang
Wang Yebin *see* Yebin Wang
Wang Yi *see* Fang Zhenhe 99636
Wang Yi *see* Shen Fenglin 120427
Wang Yi *see* Yi Wang
Wang Yi Ping *see* Wang Da Ming 79601
Wang Yi-Ding *see* Li Yu-Dong 107022
Wang Yi-Ding *see* Sun Hong-Bo 107261
Wang Yi-Man *see* Yi-Man Wang
Wang Yi-Pin *see* Yi-Pin Wang
Wang Yi-Zhong *see* Yi-Zhong Wang
Wang Yifang *see* Liu Zhanwen 110531
Wang Yifang *see* Ye Feng 89698
Wang Yimin, Liu Yupu, Zhang Yinghua Influence of the pump mode in a longitudinally pumped CW Ti:sapphire laser 75872
Wang Yiming *see* Yiming Wang
Wang Yin-Pin *see* Yin-Pin Wang
Wang Ying *see* Ying Wang
Wang Yingjian, Wu Yi, Gong Zhiben The fitting error of the direct-tilt wavefront reconstruction 116923
Wang Yingping *see* Zhan Yushu 79717
Wang Yiping *see* Yiping Wang
Wang Yixiao *see* Yixiao Wang
Wang Yong *see* Yong Wang
Wang Yong-Feng *see* Yong-Feng Wang
Wang Yong-Hong *see* Yong-Hong Wang
Wang Yong-Mei *see* Yong-Mei Wang
Wang Yong-Peel *see* Yong-Peel Wang
Wang Yongji *see* Xu Guijing 81344
Wang Yongling *see* Yongling Wang
Wang Yongming *see* Yongming Wang
Wang Yongqiang *see* Yongqiang Wang
Wang Yongsheng *see* Yongsheng Wang
Wang Yongtian *see* Yongtian Wang
Wang Yongzhao *see* He Shunzhong 65485
Wang Yongzhong *see* Yang Zongquan 95444
Wang Youfa, Wang Qi, Bao Jiashan Theory of the nonlinear waveguide of limited length 75517
Wang Youheng *see* Zhao Jijiu 119972
Wang Youhua, Yan Weili, Zhang Guansheng Adaptive simulated annealing for the optimal design of electromagnetic devices 71580
Wang Youhua, Yan Weili, Zhang Guansheng Application of orthogonal experiment method to the optimal design of fuse-contactor 102904
Wang Youhua *see* Wang Zhe 102905
Wang Youtang *see* Xiong Pingfan 65372
Wang Youyi *see* Youyi Wang
Wang Yu *see* Yu Wang
Wang Yu-Hsiung *see* Yu-Hsiung Wang
Wang Yu-Jin *see* Yu-Jin Wang
Wang Yuan *see* Yuan Wang
Wang Yuan-Liang *see* Yuan-Liang Wang
Wang Yuanzhang *see* Jiang Yunqing 116572
Wang Yuanzhang *see* Shu Xiaojian 116576
Wang Yue *see* Yue Wang
Wang Yuelin *see* Xu Yigang 84180
Wang Yuewei *see* Yuewei Wang
Wang Yujiang *see* Yujiang Wang
Wang Yuling *see* Yuling Wang
Wang Yumin *see* Bao Zhongxing 105209
Wang Yumin *see* Li Hui 86042
Wang Yumin *see* Liu Jianwei 88355
Wang Yun, Gu Guanqun, Ding Xinquan Enterprise-based integration of networks and protocols 87751
Wang Yun *see* Yun Wang
Wang Yuncai *see* Liu Dongfeng 96398
Wang Yunyong *see* Rong Gang 120206
Wang Yutian, Hao Yudong, Shi Jinshan Study on the trichromatic optical fiber radiation thermometer 79497
Wang Yutian *see* Yutian Wang
Wang Zanming *see* Zanming Wang
Wang Zeng-Fu *see* Zeng-Fu Wang
Wang ZengFu *see* ZengFu Wang
Wang Zeyi *see* Zeyi Wang
Wang Zhang *see* Jun Li 73976
Wang Zhangguo *see* Liao Qiwei 74410
Wang Zhaocheng, Ge Ning, Yao Yan, Qiang Wang A reduced state Viterbi algorithm for multiuser detection in DS/CDMA systems 119086
Wang Zhaocheng, Wang Jing, Yang Zhixing, Yao Yan Synchronization consideration in multiuser CDMA environment 118797
Wang Zhaocheng, Yao Yan, Yang Zhixing, Mao Shaodong Multiuser synchronization in noncoherent asynchronous CDMA 108812
Wang Zhaoguo *see* Li Guohui 105179
Wang Zhaoming *see* Zhaoming Wang
Wang Zhe, Li Yanda, Luo Falong A neural network learning algorithm for PCA and MCA 108240
Wang Zhe, Yang Qingxin, Wang Youhua, Yan Weili Application of evolution strategy to the optimization of the interrupter in 3 kV AC vacuum contactor 102905
Wang Zhen *see* Zhen Wang
Wang Zhen-Jun *see* Zhen-Jun Wang
Wang Zheng *see* Zheng Wang
Wang Zhengping, Sun Weimin, Ning, Y.N., Palmer, A.W., Grattan, K.T.V. An optical current sensor employing a novel multi-optic-loop sensing element 119825
Wang Zhengqiu *see* Zhou Baoqing 80452
Wang Zhengqui, Gong Haimei, Li Yanjin, Zhou Baoqing, Fang Jiaxiong Study of minority carrier lifetime in semiconductors by contactless measurement method: microwave reflectance technique 79663
Wang Zhengrong *see* Zhang Wenbi 96844
Wang Zhengyuan *see* Zhengyuan Wang
Wang Zhenxi *see* Zhenxi Wang
Wang Zhenyuan *see* Zhenyuan Wang
Wang Zhi Gang *see* Zhi Gang Wang
Wang Zhi-Gong *see* Zhi-Gong Wang
Wang Zhi-Jie *see* Zhi-Jie Wang
Wang Zhicheng *see* Zhicheng Wang
Wang Zhifang *see* Sun Yuanzhang 111527
Wang Zhifang *see* Zhifang Wang
Wang Zhigang *see* Zhigang Wang
Wang Zhijiang *see* Wang Mingchang 96498
Wang Zhijiang *see* Wei Zaifu 65386
Wang Zhijiang *see* Zhu Junbiao 62549
Wang Zhijiang *see* Zhijiang Wang
Wang Zhijun *see* Zhang Weilian 63225
Wang Zhiliang *see* Yang Jianhua 113155
Wang Zhiqian *see* Zhiqian Wang
Wang ZhiZhong *see* ZhiZhong Wang
Wang Zhong-he, Zhang Guang-yin A self-excitation double pathway relaxation oscillational model of rare-earth-doped laser 85433
Wang Zhong-Lie *see* Zhong-Lie Wang
Wang Zhongde *see* Zhongde Wang
Wang Zhonghong *see* Xiu Lincheng 111515
Wang Zhongkai *see* Jianq Min 95881
Wang Zhongkai *see* Zhongkai Wang

Wang Zhonglie, Zhao Qingtai, Wang Keming, Shi Borong Ion beam defect engineering in semiconductors and optoelectric materials 114555
Wang Zhongyu, Li Zhu, Wu, J.H. Grey relational analysis of correlation of errors in measurement 79209
Wang Zi Hua *see* Zi Hua Wang
Wang Zi-Qin *see* Zi-Qin Wang
Wang Zili, Xin Yibao, Luo Jinzhong, Song Bing, Weng Rengang, Xuam Xiangxin ISA-1 microprocessor-based complete set of substation protection 81643
Wang Zixiong *see* Zixiong Wang
Wang Ziyu, Shi Meiqi, Zhang Zhaoyi, Zhu Lixin, Xu Anshi, Wu Deming, Xie Linzheng A kind of high bit rate laser diodes driver 119209
Wang Ziyu *see* Ziyu Wang
Wang Zonghong *see* Zonghong Wang
Wang Zulin Chinese character processing of real-time multitasking operating system 77070
Wang Zuo *see* Zuo Wang
Wang Zuoqing *see* Zuoqing Wang
Wang Zutang *see* Zutang Wang
Wang-Chien Lee, Dik Lun Lee Using signature techniques for information filtering in wireless and mobile environments 97682
Wang-Chien Lee, Dik Lun Lee Information filtering in wireless and mobile environments 109396
Wang-Hwan Lee, Hee-Sook Choi A call processing mechanism for point-to-multipoint call control in the centralized access node system 117970
Wang-Jiunn Cheng, Wen-Tsuen Chen A new self-routing permutation network 63872
Wang-Long Zhou *see* Kitaoka, Y. 96161
Wang-Yuhl Oh *see* Min-Yong Leon 65101
Wangcai Liao *see* Liao Wangcai
Wangchen Long *see* Soo Kwan Eo 68177
Wangenheim, A.v. *see* Huwer, S. 98221
Wanger, R.C.E. *see* Maeda, M. 84208
WangKon Kim *see* YongWoo Lee 70918
Wangkui Li *see* Li Wangkui
Wangler, J. *see* Mulkens, J. 84276
Wangler, O. *see* Kaplan, A.F.H. 96851
Wangler, T. *see* Reiser, M. 69648
Wangler, T.P. *see* Garnett, R.W. 89998
Wangler, T.P. *see* Lapostolle, P. 120041
Wangler, T.P. *see* Nath, S. 100699
Wangler, T.P. *see* Ryne, R.D. 89992
Wangning Long *see* Long Wangning
Wanguemert-Perez, J.G., Molina-Fernandez, I. Spectral methods applied to the characterization of stationary guided waves in nonlinear optical slabs 116928
Wanhammar, L. *see* Rudberg, M.K. 117228
Wanhao Li *see* Zlotnick, F. 61749
Wanhong Deng, Lie, T.T. Optimal compensation of variable series capacitors for improved economic dispatch in power systems 80898
Wani, F. *see* Seki, M. 109915
Wani, K. *see* Takahashi, K. 89428
Wani, K. *see* Ushirorawa, M. 89429
Wanjiun Liao *see* Li, V.O.K. 99738
Wanjun Sun *see* Sun Wanjun
Wanjun Wang *see* Jie Lin 119547
Wank, R. *see* Vudali, M. 88161
Wanka, H.N., Bilger, G., Schubert, M.B. CO_2 plasma treatment of tin oxides 63379
Wanka, H.N., Schubert, M.B., Lotter, E. Growth of a-Si:H on transparent conductive oxides for solar cell applications 103023
Wanke, C.R., Han, E.C., Strain, R.C. An experimental evaluation of a GNSS-aided course guidance technique for general aviation 70395
Wanke, C.R. *see* Hahn, E.C. 70390
Wanke, H. *see* Koenen, M. 100875
Wankhede, A.K. *see* Anbarasu, R. 111984
Wanlass, M.W., Ward, J.S., Emery, K.A., Al-Jassim, M.M., Jones, K.M., Coutts, T.J. $Ga_xIn_{1-x}As$ thermophotovoltaic converters 103038
Wanli Chang *see* Reddy, S. 113855
Wanlin, E. *see* Artiges, J.C. 90128
Wanlin, E. *see* Artiges, J.C. 100960
Wanming Yu, Dazhen Yun, Lingli Wang Talbot and Fourier moire deflectometry and its applications in engineering evaluation 69534
Wann, C. *see* Lindert, N. 63747
Wann, C.H., Noda, K., Tanaka, T., Yoshida, M., Chenming Hu A comparative study of advanced MOSFET concepts 106033
Wann, H.C. *see* Kai Chen 61711
Wann-Yih Guo *see* Yung-Kuang Chen 68490
Wannberg, G., Pellinen-Wannberg, A., Westman, A. An ambiguity-function-based method for analysis of Doppler decompressed radar signals applied to EISCAT measurements of oblique UHF-VHF meteor echoes 79094
Wannemacher, M. *see* Halang, W.A. 73519
Wanner, V. *see* Haider, K. 90980
Wannsarnmaytha, A., Hara, S., Morinaga, N. A novel FSK demodulation method using the short-time DFT analysis for LEO satellite communications systems 78615
Wanping Hu, Lavers, J.D. Coupled electro-thermal-flow model for very long electric arcs 107708
Wanrong Gao *see* Gao Wanrong
Wanrong Zhang, Zeng Zheng, Wengang Wu, Jinsheng Luo Effects of doping and Ge fraction grading in the base on the base transit time and Early voltage of Si/SiGe HBTs 84340
Wanrong Zhang *see* Wengang Wu 84341
Wanru Zhuang *see* Zhuang Wanru
Wanser, S. *see* Krahenbuhl, L. 96945
Wanshan Liu *see* Liu Wanshan
Wanxie Zhong, Zhu Jianing, Xiang-Xiang Zhong On a new time integration method for solving time dependent partial differential equations 72658
Wanxin Wen *see* Wen Wanxin
Wanyi Gu *see* Gu Wanyi
Wanying Li *see* Shenjun Zhang 84211
Wanzenberg, R. *see* Drevlak, M. 89659
Wanzhou Ye *see* Xingwei Zhou 108321
Warabisako, T. *see* Kitatani, T. 112391
Warabisako, T. *see* Uchida, Y. 104024
Warach, S. *see* Siewert, B. 120339
Warashina, Y., Iida, T., Ikeya, T., Kyomasu, M. Plastic-molded SC module consisting with a single-mode fiber 60637
Warburton, P.A., Cheng, K.K.M., Budimir, D., Robertson, I.D., Turner, C.W. Novel coplanar waveguide structures for microwave circuits employing high temperature superconductors 62319
Warburton, P.A. *see* Karacaoglu, U. 114333
Warburton, P.A. *see* Takeuchi, I. 84886
Warburton, T.J. *see* Gill, D.S. 85404
Warburton, W.K. *see* Zhou, C.Z. 80152
Warburton, W.K. *see* Zhou, C.Z. 101011
Warburton, W.K. *see* Zhou, C.Z. 115136
Warchol, J. *see* Baumbaugh, B. 80030
Warchol, J. *see* Baumbaugh, B. 89063
Warchol, J. *see* Baumbaugh, B. 100882
Warchol, J. *see* Chung, M. 80031
Ward, A. Design and implementation of low noise discrete silicon bipolar transistors and GaAsFET devices in low current commercial applications in the VHF through S band frequency range 93137
Ward, A. Measuring the product innovation process 112844
Ward, A. *see* Morkner, H. 99143
Ward, A.C. *see* Liker, J.K. 60580
Ward, B.L. *see* Bozeman, S.P. 83720
Ward, C., Smith, M., Jeffries, A., Adams, D., Hudson, J. Characterising the radio propagation channel for smart antenna systems 97132
Ward, C. *see* Karpenko, V. 89695
Ward, C.W. *see* Foland, A.D. 90127
Ward, D. Sisyphean circles: the Communications Assistance for Law Enforcement Act 87518
Ward, D. *see* Banas, D. 89239
Ward, D.B. *see* Kootsookos, P.J. 117487
Ward, D.E. Dini derivatives of the marginal function of a non-Lipschitzian program 103694
Ward, D.J. *see* Rudasill, C.L., Jr. 121161
Ward, E. *see* Wersinger, J.-M. 111179
Ward, E.S. *see* Kansara, M. 102859
Ward, J. Cable-testing in fires 73837
Ward, J. *see* Vachani, R. 113628
Ward, J.D. *see* Chui, C.K. 108235
Ward, J.E. *see* Tae Ung Kim 113154
Ward, J.S. *see* Wanlass, M.W. 103038
Ward, K.D. *see* Fuchs, J. 99638
Ward, K.H. *see* McCahon, C.S. 112981
Ward, L. *see* Tontiwachwuthikul, P. 111781
Ward, M.R. *see* Parsons, S.G. 109263
Ward, P. *see* Lombardo, S. 105920
Ward, P.A. *see* Wiechmann, E.P. 91976
Ward, P.W. GPS receiver search techniques 68777
Ward, R. *see* Elliott, S. 118322
Ward, R.K. *see* Kossentini, F. 77432
Ward, R.K. *see* Nasiopoulos, P. 68875
Ward, R.K. *see* Qiaobing Xie 101051
Ward, T. *see* Rowlette, J.R., Sr. 85078
Ward, Y. *see* Shapiro, A. 113194
Warde, W., Ivey, P.A. Input queueing multicast ATM packet switch with two priority classes using a priority scheme with a window policy 118042
Warden, M. *see* Ivanshin, V.A. 75319
Warden, S.C. *see* Giuma, T.A. 61962
Wardi, Y. *see* Proth, J.M. 92475
Wardkein, P. *see* Kiranon, W. 93170
Wardlaw, J. *see* Marshall, I. 80282
Wardlaw, R.S., Dharmadasa, I.M. Effects of multi-level Fermi pinning and aggregate surface area on Schottky barrier heights at metal/semiconductor interfaces 83969
Wardle, P.J. Radio station remote control 99065
Wardrop, C. *see* Arthur, G. 119734
Ware, C., Franck, G. Evaluating stereo and motion cues for visualizing information nets in three dimensions 86475
Ware, J.A., Undery, J.E. Locating and identifying components in a robot's workspace using a hybrid computer architecture 87262
Warestam, G. Argus–a measuring system for fault-tracing and supervision of electrotechnical equipment 121417
Warfield, S. Fast k-NN classification for multichannel image data 77479
Wargowski, D.A. *see* Kowalczyk, T.C. 75399
Waring, R., Hall, J., Pullen, K., Etemad, M.R. An investigation of face type magnetic couplers 106638
Warinsko, N. Why GNSS2 beyond GNSS1? 99451
Waris, V.P. *see* Bialkowski, M.E. 114210
Wark, D.L. *see* Elliott, S.R. 80104
Warke, N. *see* Khaparde, S.A. 111666
Warkentien, R. *see* Kerner, T.M. 89622
Warlick, E.L. *see* Chu, C.C. 96240
Warmack, R.J. *see* Welipitiya, D. 92873
Warmann, K.A. *see* Dos Reis, H.L.M. 113000
Warmels, R.H. *see* Abbott, T.M.C. 74859
Warminski, T. *see* Stone, G. 75463
Warmuth, M.K. *see* Cesa-Bianchi, N. 66237
Warnagiris, T.J. Legal unlicensed transmitting 99103
Warnatz, J. *see* Behrendt, F. 92795
Warnatz, J. *see* Ruf, B. 61402
Warnatz, J. *see* Ruf, B. 82622
Warneke, B., Hoffman, E., Pister, K.S.J. Monolithic multiple axis accelerometer design in standard CMOS 74984
Warner, A. *see* Wei, J. 89880
Warner, B.E., Boley, C.D., Chang, J.J., Dragon, E.P., Havstad, M.A., Martinez, M., McLean, W., II Ablative material removal utilizing the copper vapor laser 60586
Warner, B.E. *see* Chang, J.J. 116374
Warner, D. *see* Cho, Y. 79994
Warner, D. *see* Rodriguez, R. 119588
Warner, D.D. *see* Catford, W.N. 69884
Warner, D.J. Fundamentals of electron linacs 69585
Warner, E.S. *see* Mulgrew, B. 86299
Warner, K. *see* Zavracky, P.M. 84655
Warner, K. *see* Zavracky, P.M. 92078
Warner, K. *see* Zavracky, P.M. 119663
Warner, K.K. *see* Narayanan, R.M. 120694
Warner, M.W. *see* Abu Safiya, A.S. 60857
Warner, R.A. *see* Bliss, M. 79995
Warner, T. *see* Huff, H.R. 63858
Warnes, W. *see* Jeong, S. 95578
Warnes, W. *see* Sangkwon Jeong 106713
Warnick, K.F., Arnold, D.V. Electromagnetic Green functions using differential forms 76412
Warnock, F. *see* Nolting, E. 69899
Warnock, J. *see* Ghioni, M. 78836
Warnock, J. *see* Jonker, B.T. 74336
Warnock, R.L., Berg, J.S., Forest, E. Fast symplectic mapping and quasi-invariants for the Large Hadron Collider 89817
Warnow, T.J. *see* Phillips, C. 98252
Warnquist, M.A., Yates, R.E., Neuens, C.M. The role of science in EMF litigation 90638
Warren, A.P., Dean, C., Bissell, P.R., Chantrell, R.W., Gotaas, J.A. Noise time series simulation for a thin film recording medium 106482
Warren, A.P., Hobby, P.C., Coverdale, G.N., Chantrell, R.W., Gilson, R.G., Thomas, J.W. Computer simulation of the orientation dynamics of a 2D array of fine magnetic particles in an opposed-poles orientation magnet 106492
Warren, C.A. Distribution reliability: what is it? 81055
Warren, C.A. *see* Short, T.A. 122110
Warren, D. *see* Carlsten, B.E. 89710
Warren, D.J. *see* Normann, R.A. 70227
Warren, D.W. *see* Beck, S.M. 88711
Warren, F.G.R. *see* Collins, M.J. 70511
Warren, G. *see* Ludeking, L.D. 62600
Warren, H. *see* Marshall, N.W. 90485
Warren, J.G., Hannah, P., Hoskin, R.E., Lindley, D., Musgrove, P. Performance of wind farms in complex terrain 102537
Warren, J.G. *see* Hannah, P. 102564
Warren, K. High performance silicon accelerometers with charge controlled rebalance electronics 79302
Warren, L.F. *see* Rosker, M.J. 116646
Warren, M.E. *see* Blum, O. 85520
Warren, M.E. *see* Carson, R.F. 68411
Warren, M.E. *see* Carson, R.F. 116288
Warren, M.E. *see* Smith, R.E. 95929
Warren, M.E. *see* Sweatt, W.C. 96835
Warren, P. *see* Boucaud, P. 105381
Warren, P. *see* Jian Mi 82635
Warren, P.A. *see* Peterson, L.D. 78638
Warren, P.C. *see* Gozdz, A.S. 81695
Warren, P.C. *see* Schmutz, C. 81687
Warren, R.C. Design of thermocouple probes for measurement of rocket exhaust plume temperatures 79392
Warren, R.E. Optimum detection of multiple vapor materials with frequency-agile lidar 110432
Warren, R.E. *see* Carlisle, C.B. 96859
Warren, R.E. *see* Cooper, D.E. 69097
Warren, R.E. *see* Riris, H. 97878
Warren, R.W. *see* Verschuur, J.W.J. 107377
Warren, T., Fisher, J., Bardez, J.-P., Beuttenmuller, B., Gentle, G., Blicq, R. International technical communication and Forum 95 112820
Warren, T.L. Improve your instructions: begin with the basics 113055
Warren, W.L., Dimos, D., Al-Shareef, H.N., Raymond, M.V., Tuttle, B.A., Pike, G.E. Links between electrical and optical fatigue in $Pb(Zr,Ti)O_3$ thin films 95284
Warren, W.L., Dimos, D., Waser, R.M. Degradation mechanisms in ferroelectric and high-permittivity perovskites 115420
Warren, W.L., Pike, G.E., Vanheusden, K., Dimos, D., Tuttle, B.A., Robertson, J. Defect-dipole alignment and tetragonal strain in ferroelectrics 84691
Warren, W.L., Vanheusden, K., Schwank, J.R., Fleetwood, D.M., Winokur, P.S., Devine, R.A.B. Mechanism for anneal-induced interfacial charging in SiO_2 thin films on Si 63171
Warren, W.L. *see* Aggarwal, S. 115461
Warren, W.L. *see* Al-Shareef, H.N. 115457
Warren, W.L. *see* Dimos, D. 95282
Warren, W.L. *see* Lu, J. 116132

Warren, W.L. *see* Robertson, J. 106356
Warren, W.L. *see* Seager, C.H. 64169
Warren, W.L. *see* Tuttle, B.A. 106400
Warrier, A.V.R. *see* Ashokan, R. 106983
Warrier, A.V.R. *see* Pal, R. 110207
Warrier, A.V.R. *see* Singh, R. 110167
Warriner, K., Higson, S., Christie, I., Ashworth, D., Vadgama, P. Electrochemical characteristics of two model electropolymerised films for enzyme electrodes 79570
Warring-Davies, K.J., Green, R.J., Selvan, B., Gallagher, B., Knappet, P., Hughes, T. A new technique for monitoring central venous pressures and determining cardiac index in adults 120268
Warrington, N. *see* Robins, J.L. 94766
Warrington, R. *see* Walsh, S. 72190
Warrington, R.O. An overview of the miniaturization technologies 74901
Warrington, R.O. *see* Gao, R.X. 85807
Warscotte, V. *see* Michel, C. 90490
Warta, J. Fiber optic submarine cable systems: an opportunity for emerging markets to access the global highways and super highways 88067
Wartak, M.S. *see* Chen, Y. 75989
Warth, M. *see* Weigel, K. 106073
Wartski, L. *see* Momy, A. 100798
Warwick, A. *see* Kim, C. 79868
Warwick, K. *see* Al-Gallaf, E. 97954
Warwick, R. A novel metering solution for the domestic deregulated electricity market 102311
Wary, J., Olson, R., Beach, W. Polymer developed to be interlayer dielectric 84675
Warzecha, A. An identification and an approximation of nonlinear characteristics of three-phase winding 81396
Warzecha, A. *see* Sobczyk, T.J. 71231
Warzermann, L. *see* Schambach, J. 95508
Wasch, A. *see* Kurner, T. 116908
Wasche, H. *see* Turck, H. 81086
Waschek, T., Levegrun, S., Schlegel, W., van Kampen, M., Engenhart-Cabillic, R. Target volume definition for three-dimensional radiotherapy of cancer patients with a fuzzy rule based system 120487
Wascher, E., Wauschkuhn, B. The interaction of stimulus- and response-related processes measured by event-related lateralizations of the EEG 110856
Waschka, R., II *see* Austin, L. 88877
Waschke, C. *see* Dekorsy, T. 63037
Waschke, C. *see* Hirakawa, K. 105263
Waschke, C. *see* Vosseburger, M. 62814
Waschke, C. *see* Vosseburger, M. 114726
Waschull, J., Sumpf, B., Heiner, Y., Kronfeldt, H.-D. Diode laser spectroscopy in the ν_{14} band of benzene 70526
Wasekura, Y. Application development of high performance gray vision GV-3000 98294
Wasenczuk, A., Willoughby, A.F.W., Mackett, P., O'Keefe, E., Capper, P., Maxey, C.D. Extended defects in epitaxial cadmium mercury telluride 74235
Waser, D. *see* Stringer, N.T. 112622
Waser, R. *see* Grosse-Holz, K.-O. 74285
Waser, R. *see* Grosse-Holz, K.-O. 94378
Waser, R.M. *see* Warren, W.L. 115420
Wash, C.H. *see* Jordan, M.S. 120798
Washabaugh, A.P., Zahn, M. Flow electrification measurements of transformer insulation using a Couette flow facility 71376
Washburn, B. Consider cordless 99328
Washburn, J. *see* Ruvimov, S. 94338
Washburn, J. *see* Ruvimov, S. 105450
Washi, A. *see* Takahata, K. 113814
Washida, J., Hoshino, K., Sugimoto, T. Multimedia communicator: MC210 98894
Washida, J. *see* Iima, Y. 98892
Washimi, K. *see* Matsuzaki, S.-I. 103149
Washimi, Y. *see* Saitou, K. 101361
Washington, G. Smart aperture antennas 108056
Washington, K.E., Stuart, D.S. Comparison of CONTAIN and TCE calculations for direct containment heating of Surry 121301
Washio, H., Takahashi, M., Shimodaira, Y., Muraoka, T., Yamamoto, K., Ishii, Y. Effect of gamma change on picture quality tested by subjective evaluation 89339
Washio, H. *see* Noyori, Y. 89338
Washsu, E. B-ISDN Advanced Telecommunication Technology 109186
Wasiak, G. *see* Kabzinski, J. 71321
Wasiak, G. *see* Kabzinski, J. 71330
Wasiak, G. *see* Kabzinski, J. 111936
Wasiela, A. *see* Grun, M. 62751
Wasiela, A. *see* Merle d'Aubigne, Y. 62800
Wasiela, A. *see* Merle D'Aubigne, Y. 62859
Wasik, D. *see* Suski, T. 74227
Wasil, E. *see* Xiaoyun Sun 73897
Wasilewski, T. The benefits of public key cryptography 66554
Wasilewski, Z. *see* Coleridge, P.T. 82686
Wasilewski, Z. *see* Fallahi, M. 96400
Wasilewski, Z.R. *see* Dion, M. 96303
Wasilewski, Z.R. *see* Lenchyshyn, L.C. 79399
Wasilewski, Z.R. *see* Liu, H.C. 69191
Wasilewski, Z.R. *see* Liu, H.C. 69272
Wasim, S.M., Durante, C., Rincon, C. Red shift of the band gap of Fe doped $CuIn_yGa_{1-y}Se_2$ 114666
Waskiewicz, C. *see* Cote, D. 106195
Wasley, D.L. Authenticating aperiodic connections to the campus network 109002
Wasmus, S. *see* Samms, S.R. 71680
Wasmus, S. *see* Samms, S.R. 71685
Wasmus, S. *see* Wang, J.-T. 71681
Wasmus, S. *see* Weber, M. 102960
Wasniewski, M.S. *see* Mills, S.F. 111009
Wasrin, U.R. *see* Le Toan, T. 111345
Wassdahl, N. *see* Johansson, E. 61249
Wassell, I.J. Evaluation of fences and the effects of enhancement 112838
Wassenaar, R.F. *see* Holzmann, P.J. 104377
Wassenaar, R.F. *see* Shu-Chuan Huang 104726
Wassenaar, R.F. *see* Vervoort, P.P. 114163
Wasserman, G.S. *see* Sudjianto, A. 103684
Wasserman, G.S. *see* Sudjianto, A. 108611
Wasserman, Y., Gilboa, Y., Xing, G., Kepten, A. Integrated single-wafer RTP solutions for 0.25-0.18 μm technologies 84070
Wassermeier, M. *see* Hey, R. 62752
Wasserschaff, M. *see* Kaul, M. 119409
Wastberg, B. *see* Wahlstrom, B. 102152
Wasylak, J. *see* Golis, E. 107597
Wasz, M.L., Schwarz, R.B., Srinivasan, S., Kumar, M.P. Sn-substituted $LaNi_5$ alloys for metal hydride electrodes 112297
Watabe, H. *see* Fukuzawa, T. 115695
Watabe, H. *see* Schur, R. 107278
Watabe, K., Akiyama, H., Terashima, T., Nobuto, S., Yamawaki, M., Hirao, T. A 0.8 μm high voltage IC using newly designed 600 V lateral IGBT on thick buried-oxide SOI 106210
Watabe, K., Shimizu, K., Mizuno, K., Yoneyama, M. Millimeter-wave imaging using neural networks for object recognition 98111
Watabe, K. *see* Kamatani, H. 114498
Watabe, N., Suzuki, H., Nobe, J. The safety assessment of transporting radioactive material on the road tunnel 92135
Watabu, K. *see* Ishitani, H. 110282
Watada, M. *see* Oshitani, M. 71665
Watahiki, S. *see* Kitatani, T. 112391
Watahiki, S. *see* Kondow, M. 103881
Watanaabe, S., Kasahara, M., Ashizawa, M., Inumaru, J., Ichikawa, K. Orimulsion gasification for combined cycle power generating applications 71153
Watanabae, T., Shimada, K., Yamaguchi, S., Murai, T., Inoue, T., Morikawa, S. An on-site operations support system 80864
Watanabe, Tsuji, M., Hayashi, M., Makita, K., Taguchi, K. High-reliability InAlGaAs/InAlAs superlattice avalanche photodiodes for 2.5-10 Gbit/s applications 78805
Watanabe, A., Koui, Y., Seno, S., Ideguchi, T. Proposal and performance evaluation of a high-speed internetworking device 77985
Watanabe, A., Okamoto, S., Sato, K.-I. Optical path cross-connect system architecture suitable for large scale expansion 119189
Watanabe, A., Okamoto, S., Sato, K.-i., Okuno, M. New optical path cross-connect architecture offering high modularity 68029
Watanabe, A., Osato, K., Ninomiya, S., Mukaida, M., Tsunoda, T., Imai, Y. SiC thin film preparation by ArF excimer laser chemical vapor deposition. I. Rate of photolysis of alkylsilanes by ArF excimer laser and their decomposition products 83882
Watanabe, A., Swift, G.W., Brisson, J.G. Uniform temperature cooling power of the superfluid Stirling refrigerator 103171
Watanabe, A. *see* Hamazumi, Y. 88053
Watanabe, A. *see* Hozumi, N. 70917
Watanabe, A. *see* Jai Ho Choi 105573
Watanabe, A. *see* Koga, M. 78325
Watanabe, A. *see* Koga, M. 78895
Watanabe, A. *see* Koga, M. 88051
Watanabe, A. *see* Okamoto, S. 78922
Watanabe, A. *see* Sato, H. 72808
Watanabe, A. *see* Shiho, M. 96551
Watanabe, A. *see* Takeda, T. 64148
Watanabe, C. Trends in thermal storage type air-conditioning systems 91962
Watanabe, E., Shinsho, E., Nishihara, A., Yanagisawa, T. A design of fast stabilized adaptive line enhancers with lattice structures 114086
Watanabe, E. *see* Shinsho, E. 114112
Watanabe, E. *see* Yoshizawa, A. 115403
Watanabe, E.H. *see* Barbosa, P.G. 102138
Watanabe, E.H. *see* Caloba, L.P. *(editor)* 72074
Watanabe, F. Sensitivity reduction and restoration in an extractor gauge 94163
Watanabe, F., Buott, T., Iwama, T., Mizuno, M. Load sharing sector cells in cellular systems 99163
Watanabe, F. *see* Ikoma, Y. 104043
Watanabe, F. *see* Iwai, H. 68218
Watanabe, F. *see* Yamaguchi, A. 68243
Watanabe, H. Data compression for structured video using support layer 86544
Watanabe, H., Aoyagi, T., Takemoto, A., Omura, B. 1.3-μm strained MQW-DFB lasers with extremely low intermodulation distortion for high-speed analog transmission 65356
Watanabe, H., Aoyagi, T., Takemoto, A., Takiguchi, T., Omura, E. Low distortion laser diodes for optical analog transmission application 68413
Watanabe, H., Chen, D., Konuri, S. Evaluation of min/max instructions for fuzzy information processing 93483
Watanabe, H., Fujiwara, T., Kasami, T. An improved method for formal security verification of cryptographic protocols 97479
Watanabe, H., Ichikawa, M. Kinetics of vacancy diffusion on Si(111) surfaces studied by scanning reflection electron microscopy 114913
Watanabe, H., Komori, J., Higashitani, K., Mashiko, Y., Koyama, H. A wafer level monitoring method for plasma-charging damage using antenna PMOSFET test structure 115206
Watanabe, H., Okuda, K., Yamazaki, K. Refinement of a case-base for fault restoration support in secondary electrical power systems 111535
Watanabe, H. *see* Abe, Y. 77078
Watanabe, H. *see* Fujita, S. 94601
Watanabe, H. *see* Hayashi, K. 94278
Watanabe, H. *see* Ida, S. 63444
Watanabe, H. *see* Iwaki, M. 63259
Watanabe, H. *see* Kasa, N. 91813
Watanabe, H. *see* Kobayashi, K. 63286
Watanabe, H. *see* Maruno, S. 105601
Watanabe, H. *see* Minamihara, S. 79165
Watanabe, H. *see* Murakami, J. 76848
Watanabe, H. *see* Nawa, K. 92206
Watanabe, H. *see* Nitta, Y. 73370
Watanabe, H. *see* Ohtomo, T. 100233
Watanabe, H. *see* Saito, T. 115075
Watanabe, H. *see* Sugawara, Y. 80966
Watanabe, H. *see* Tada, M. 121507
Watanabe, H. *see* Ueda, T. 111677
Watanabe, H. *see* Venkatesh, B. 73350
Watanabe, I., Tsuji, M., Hayashi, M., Makita, K., Taguchi, K. Reliability of mesa-structure InAlGaAs-InAlAs superlattice avalanche photodiodes 64940
Watanabe, I., Tsuji, M., Makita, K., Taguchi, K. A new planar-structure InAlGaAs-InAlAs superlattice avalanche photodiode with a Ti-implanted guard-ring 64941
Watanabe, I. *see* Makita, K. 85285
Watanabe, I. *see* Okabe, M. 102500
Watanabe, I. *see* Sano, Y. 106522
Watanabe, I. *see* Tzeng, L.D. 99569
Watanabe, I. *see* Yun, T.Y. 99570
Watanabe, J. *see* Furukawa, T. 85600
Watanabe, J. *see* Neugroschel, A. 74706
Watanabe, J. *see* Yamaguchi, M. 73177
Watanabe, J.K. *see* Lanzerotti, L.D. 84315
Watanabe, K., Awaji, S., Kobayashi, N., Miura, S., Fukase, T., Motokawa, M., Urata, M., Koyanagi, K., Tezuka, M., Hanai, S. Development of a 40 T compact hybrid magnet 95529
Watanabe, K., Ebisawa, N., Fujiwara, Y., Honda, A., Inoue, T., Kazawa, M., Kuriyama, M., Miyamoto, K., Miyamoto, N., Mogaki, K., Nagase, A., Ohara, Y., Okumura, Y., Takayasu, T., Usami, H., Usui, K. Development of negative ion beam accelerators for high power neutral beam systems 110471
Watanabe, K., Koseki, M., Kumagai, N. Effect of cobalt addition to nickel hydroxide as a positive material for rechargeable alkaline batteries 112274
Watanabe, K., Okada, T., Choe, I., Sato, Y. Organic vapor sensitivity in a porous silicon device 119782
Watanabe, K., Sengoku, M., Tamura, H. Problems of where to locate p-sinks in a flow network 82426
Watanabe, K., Tamura, H., Sengoku, M. The problem of where to locate p-sinks in a flow network: complexity approach 113124
Watanabe, K., Tressler, J.F., Sadamoto, M., Isobe, C., Tanaka, M. Characterization of solution derived RuO_2 electrodes for $Pb(Zr,Ti)O_3$ microcapacitors 115431
Watanabe, K. *see* Awaji, S. 95404
Watanabe, K. *see* Cha, H.-W. 83259
Watanabe, K. *see* Hashikawa, N. 74106
Watanabe, K. *see* Hattori, T. 114830
Watanabe, K. *see* Hirayama, H. 107595
Watanabe, K. *see* Hirokawa, T. 93803
Watanabe, K. *see* Hozumi, N. 70917
Watanabe, K. *see* Igarashi, H. 65673
Watanabe, K. *see* Ikeda, T. 63909
Watanabe, K. *see* Inoue, T. 69696
Watanabe, K. *see* Iwasaki, S. 95536
Watanabe, K. *see* Kaminaga, K. 102160
Watanabe, K. *see* Katagiri, K. 64521
Watanabe, K. *see* Kawamura, K. 78350
Watanabe, K. *see* Kimura, K. 84923
Watanabe, K. *see* Litz, M.T. 74160
Watanabe, K. *see* Mochizuki, K. 62087
Watanabe, K. *see* Mochizuki, K. 119601
Watanabe, K. *see* Murase, S. 95431
Watanabe, K. *see* Nakao, M. 75246
Watanabe, K. *see* Nitta, K. 121799
Watanabe, K. *see* Nozaki, K. 63502
Watanabe, K. *see* Ogawa, S. 73092
Watanabe, K. *see* Petriu, E.M. 62094
Watanabe, K. *see* Sato, H. 110143
Watanabe, K. *see* Satow, T. 95514
Watanabe, K. *see* Shibata, H. 69089
Watanabe, K. *see* Shiramizu, Y. 63382
Watanabe, K. *see* Taguchi, Y. 88249
Watanabe, K. *see* Takeda, T. 64148
Watanabe, K. *see* Tamura, T. 83007
Watanabe, K. *see* Watazawa, K. 95539
Watanabe, K. *see* Yamanishi, M. 64964
Watanabe, M., Hara, M. Series of MUDIC [substation equipment control] 121811

Watanabe, M., Homma, M. Perpendicular magnetization of epitaxial FePt(001) thin films with high squareness and high coercive force 115541
Watanabe, M., Kato, O., Katsura, E., Homma, K. High speed radio communication technology using parallel combinatory CDMA under multipath Rayleigh-fading interference environment 108806
Watanabe, M., Kotanishi, K., Nakamura, O., Kurioka, H., Hukui, S., Tuji, K. A new method for discrimination of ground faults causes in distribution lines 70859
Watanabe, M., Mukai, S. Cavity length limitation of the crosscoupled mode bistability in a semiconductor laser 96346
Watanabe, M., Nayar, S.K. Telecentric optics for computational vision 64865
Watanabe, M., Nayar, S.K. Minimal operator set for passive depth from defocus 86412
Watanabe, M., Nayar, S.K., Noguchi, M. Real-time computation of depth from defocus 77346
Watanabe, M., Uchida, H., Suzuki, H., Tsuno, A. High performance catalyzed-reaction layer for medium temperature operating solid oxide fuel cells. III. Effects of composition and morphology on performance of anode and cathode layers 81827
Watanabe, M., Urabe, S. Research on laser technology at the Communications Research Laboratory (CRL) 65587
Watanabe, M. *see* Brandl, D. 89573
Watanabe, M. *see* Higashi, S. 80878
Watanabe, M. *see* Inoue, N. 105590
Watanabe, M. *see* Itoh, H. 85223
Watanabe, M. *see* Itoh, H. 89572
Watanabe, M. *see* Kamagami, S. 89391
Watanabe, M. *see* Kimoto, T. 74522
Watanabe, M. *see* Koike, S. 118526
Watanabe, M. *see* Mori, M. 86992
Watanabe, M. *see* Nakamura, E. 89632
Watanabe, M. *see* Niiyama, S. 99585
Watanabe, M. *see* Okada, H. 89349
Watanabe, M. *see* Saitoh, W. 84334
Watanabe, M. *see* Saitoh, W. 105979
Watanabe, M. *see* Sakaguchi, M. 74542
Watanabe, M. *see* Shibata, Y. 98884
Watanabe, M. *see* Suemasu, T. 106100
Watanabe, M. *see* Uchida, H. 71690
Watanabe, M. *see* Uchida, H. 81823
Watanabe, M.O., Sasaki, T., Itoh, S., Mizushima, K. Structural and electrical characterization of BC_2N thin films 114680
Watanabe, N. *see* Dosaka, K. 61894
Watanabe, N. *see* Dosaka, K. 93377
Watanabe, N. *see* Ito, H. 96811
Watanabe, N. *see* Sasada, I. 75290
Watanabe, N. *see* Sekiguchi, M. 98031
Watanabe, N. *see* Shinoda, M. 109934
Watanabe, N. *see* Uedono, A. 63243
Watanabe, N. *see* Yamamoto, M. 75079
Watanabe, O. *see* Tsuchimori, M. 65430
Watanabe, R., Kashima, M., Kawahara, M., Inoue, H., Shiraishi, Y. A rearrangeable optical WDM network (rook net) 78323
Watanabe, R. *see* Hatoh, H. 89240
Watanabe, S. High speed fiber transmission using optical phase conjugation 68442
Watanabe, S., Aoki, K., Iwata, H., Hayashi, N., Ohashi, A., Kinoshita, Y., Uchida, Y., Dykes, D., Touchard, G. Use of functionally gradient material in a temperature measuring element 69095
Watanabe, S., Kaneko, S., Chikama, T. Long-haul fiber transmission using optical phase conjugation 88494
Watanabe, S., Komatsubara, A., Saiga, M., Noda, M., Ide, Y., Kinkawa, M. Development of pulverized coal combustion monitoring devices 71130
Watanabe, S., Kondo, K., Nabekawa, Y. Harmonic generation in two-color field 116636
Watanabe, S., Oda, Y. An improved gate current model of GaAs FETs for nonlinear circuit simulation 74767
Watanabe, S., Shirasaki, M., Chikama, T. Compensation for waveform distortion in a transmission fiber with loss by optical phase conjugation 106805
Watanabe, S., Takatsuka, S., Takagi, K., Kuroda, H., Oda, Y. Effect of source harmonic tuning on linearity of power GaAs FET under class AB operation 73748
Watanabe, S., Takatuka, S., Takagi, K., Kuroda, H., Oda, Y. Simulation and experimental results of source harmonic tuning on linearity of power GaAs FET under class AB operation 93807
Watanabe, S., Taki, M., Nojima, T. Effects of the interaction between a human head and a hand-held portable radio on the antenna input impedance 118680
Watanabe, S., Yamashita, Y., Esashi, M. Fabrication methods for high aspect ratio microstructures–deep X-ray lithography and O_2 RIE 106266
Watanabe, S. *see* Fukumizu, K. 72578
Watanabe, S. *see* Fuse, T. 73250
Watanabe, S. *see* Imamura, K. 60591
Watanabe, S. *see* Kobayashi, Y. 119910
Watanabe, S. *see* Kudo, H. 101170
Watanabe, S. *see* Nabekawa, Y. 65030
Watanabe, S. *see* Nabekawa, Y. 116426
Watanabe, S. *see* Nagao, M. 81557
Watanabe, S. *see* Takahashi, C. 78489
Watanabe, S. *see* Ukai, Y. 101265
Watanabe, S. *see* Yamamoto, O. 81791
Watanabe, S.-I., Taki, H., Nojima, T., Fujiwara, O. Characteristics of the SAR distributions in a head exposed to electromagnetic fields radiated by a hand-held portable radio 120540
Watanabe, T. Rate control method for B-spline picture coding 86340
Watanabe, T. An approximative measurement of surface impedance of plane-type microwave absorbers using NDR method 110319
Watanabe, T., Fukumura, T. Towards an architectural framework of map recognition 87121
Watanabe, T., Morita, K., Murakami, H., Hoshimiya, N., Handa, Y. Measurement of stimulus frequency-force characteristics for FES control method including differences between fast and slow muscle properties 90562
Watanabe, T., Ohtsuka, Y., Akita, S., Hattori, T., Agatsuma, S., Isomura, H. A time A-D converter LSI for accurate measurement of multitime-interval by digital processing 83186
Watanabe, T., Tao, X.T., Kim, J., Miyata, S., Nalwa, H.S., Lee, S.C. Molecular design of nonlinear optical molecules and polymers based on two-dimensional charge transfer characteristics 85640
Watanabe, T., Yamamoto, T., Vaccaro, P.O., Ohnishi, H., Fujita, K. AlGaAs/GaAs and InGaAs/GaAs quantum wells grown on GaAs (111)A substrates 61285
Watanabe, T. *see* Abe, H. 76246
Watanabe, T. *see* Abe, H. 85633
Watanabe, T. *see* Asakawa, M. 96555
Watanabe, T. *see* Fujita, K. 61295
Watanabe, T. *see* Fujita, M. 96451
Watanabe, T. *see* Fujita, S. 85049
Watanabe, T. *see* Fukushima, I. 91960
Watanabe, T. *see* Furukawa, T. 85600
Watanabe, T. *see* Hirai, M. 82607
Watanabe, T. *see* Hirose, T. 62501
Watanabe, T. *see* Hosoda, M. 74423
Watanabe, T. *see* Hosoda, M. 83957
Watanabe, T. *see* Hosoda, M. 114735
Watanabe, T. *see* Imura, S. 73455
Watanabe, T. *see* Itoh, S. 73999
Watanabe, T. *see* Itoh, S. 83741
Watanabe, T. *see* Kamiya, I. 119162
Watanabe, T. *see* Kikuchi, M. 80434
Watanabe, T. *see* Kim, J.C. 85647
Watanabe, T. *see* Kojima, H. 70030
Watanabe, T. *see* Kojima, K. 73411
Watanabe, T. *see* Kubota, H. 103087
Watanabe, T. *see* Kudo, Y. 69392
Watanabe, T. *see* Kudo, Y. 69393
Watanabe, T. *see* Kurosawa, K. 110933
Watanabe, T. *see* McMichael, R.D. 115632
Watanabe, T. *see* Mimura, H. 64802
Watanabe, T. *see* Mimura, H. 94510
Watanabe, T. *see* Miyajima, Y. 100240
Watanabe, T. *see* Mori, S. 105766
Watanabe, T. *see* Nakamura, S. 109232
Watanabe, T. *see* Noro, A. 102779
Watanabe, T. *see* Ohtani, N. 63080
Watanabe, T. *see* Ohwe, T. 115682
Watanabe, T. *see* Seto, M. 70468
Watanabe, T. *see* Suguri, K. 77531
Watanabe, T. *see* Takahashi, H. 61775
Watanabe, T. *see* Takahashi, H. 83035
Watanabe, T. *see* Takahashi, M. 65299
Watanabe, T. *see* Takebe, T. 72821
Watanabe, T. *see* Talukder, M. 85588
Watanabe, T. *see* Tao, X.T. 76253
Watanabe, T. *see* Tao, X.T. 85654
Watanabe, T. *see* Tominaga, K. 64811
Watanabe, T. *see* Tsuchiaki, M. 94776
Watanabe, T. *see* Tsuchiaki, M. 114973
Watanabe, T. *see* Uchida, S. 81132
Watanabe, T. *see* Uno, A. 69390
Watanabe, T. *see* Usui, M. 116079
Watanabe, T. *see* Yamaguchi, H. 91885
Watanabe, W., Tanida, J., Ichioka, Y. Optical implementation of horseshoe map using parallel feedback system 85222
Watanabe, Y. The total capacity of two-user multiple-access channel with binary output 97410
Watanabe, Y. Analysis of inductively coupled electrodeless discharge by equivalent circuit 104981
Watanabe, Y., Guerra, L.M., Brayton, R.K. Permissible functions for multioutput components in combinational logic optimization 73269
Watanabe, Y., Hing Wong, Kirihata, T., Kato, D., DeBrosse, J.K., Hara, T., Yoshida, M., Mukai, H., Quader, K.N., Nagai, T., Poechmueller, P., Pfefferl, P., Wordeman, M.R., Fujii, S. A 286 mm^2 256 Mb DRAM with ×32 both-ends DQ 61898
Watanabe, Y., Hing Wong, Kirihata, T., Kato, D., DeBrosse, J.K., Hara, T., Yoshida, M., Mukai, H., Quader, K.N., Nagai, T., Poechmueller, P., Pfefferl, P., Wordeman, M.R., Fujii, S. A 286 mm^2 256 Mb DRAM with ×32 both-ends DQ 93381
Watanabe, Y., Kanda, M. NEC Internet 118066
Watanabe, Y., Maeyama, S., Maeda, F., Sugiyama, M. Application of synchrotron radiation to surface and interface characterization 114626
Watanabe, Y., Mori, E. A study on a new flexural-mode transducer-solid horn system and its application to ultrasonic plastics welding 101603
Watanabe, Y., Mori, E. Ultrasonic one-shot seam joining of polytetrafluoroethylene sheets 111403
Watanabe, Y., Uematsu, H., Hoshino, T., Kiuchi, H. Crustal deformation monitoring system for the Tokyo metropolitan network. VLBI system for Key Stone Project. Real-time VLBI system. Real-time VLBI communication equipment configurations for ATM networks 98629
Watanabe, Y. *see* Edo, M. 115376
Watanabe, Y. *see* Henmi, Y. 119387
Watanabe, Y. *see* Heun, S. 61271
Watanabe, Y. *see* Heun, S. 74340
Watanabe, Y. *see* Ishizaki, A. 106397
Watanabe, Y. *see* Itoh, T. 99608
Watanabe, Y. *see* Jian-Jin Shi 117173
Watanabe, Y. *see* Jian-Jun Shi 77689
Watanabe, Y. *see* Kashiwagi, T. 104894
Watanabe, Y. *see* Kirihata, T. 61897
Watanabe, Y. *see* Kirihata, T. 93380
Watanabe, Y. *see* Koyama, M. 95323
Watanabe, Y. *see* Koyama, M. 106389
Watanabe, Y. *see* Maeda, F. 103850
Watanabe, Y. *see* Min-Hsuan Chen 77873
Watanabe, Y. *see* Nishio, K. 82712
Watanabe, Y. *see* Oshima, M. 82573
Watanabe, Y. *see* Ozue, T. 115789
Watanabe, Y. *see* Yuasa, T. 70036
Watanabe Takashi *see* Takashi Watanabe
Watanuki, S. *see* Hashimoto, M. 94853
Watanuki, S. *see* Uehigashi, K.-I. 73451
Watanukia, O. *see* Kobayashi, K. 64618
Watari, T. *see* Mutoh, T. 108043
Watazawa, K., Sakuraba, J., Hata, F., Hasebe, T., Chong, C.K., Yamada, Y., Watanabe, K., Awaji, S., Fukase, T. A cryocooler cooled 6 T NbTi superconducting magnet with room temperature bore of 220 mm 95539
Watchueng, H. *see* Dulmet, B. 106443
Waterbury, R.D. *see* Lo, K.P. 79492
Waterfall, R. *see* White, N. 102189
Waterhouse, R.B. *see* Ahmed, Z. 109641
Waterhouse, R.B. *see* Targonski, S.D. 117032
Waterman, J.R. *see* Hoffman, C.A. 74434
Waters, G.W. The user-based security model for SNMPv2 76711
Waters, J.D. *see* Lawton, M.C. 109363
Waters, J.W. *see* Fishbein, E.F. 120780
Waters, J.W. *see* Froidevaux, L. 120781
Waters, J.W. *see* Jarnot, R.F. 120779
Waters, J.W. *see* Lahoz, W.A. 120782
Waters, L.S., Wilson, W.B. Acceleration radioisotope production simulations 79987
Waters, M. *see* Calen, H. 120194
Waters, R.T. *see* Haddad, A. 81168
Waters, R.T. *see* Rickard, D.A. 111653
Waters, R.T. *see* Spellman, C. 111676
Waterton, J.C. *see* Solloway, S. 70028
Waterworth, G. *see* Barnes, S.R. 72204
Wathen, A.J. *see* Selwood, P.M. 61118
Watkin, N.A., ter Haar, G.R. High intensity focused ultrasound: applications in urology 90569
Watkins, A.J. On maximum likelihood estimation for the two parameter Weibull distribution 60785
Watkins, A.R. Support for scalable video using parallelism with merging 68853
Watkins, G. The use of fuzzy graph grammars for recognising noisy two-dimensional images 98105
Watkins, G.D. Intrinsic defects in II-VI semiconductors 74218
Watkins, M. Project EIRENE. A new radio system for the European railways 88196
Watkins, S.E. *see* Sears, A.L. 112754
Watkins, T.R. *see* Baldwin, F. 115022
Watnabe, T. *see* Tsuchiaki, M. 63354
Watrin, E. *see* Delage, S.I. 83389
Watrin, E. *see* Telliez, I. 62343
Watson, A., Ren, D.H. Magnetic modulation of the current response to ramped high voltage in transformer oil 71385
Watson, A. *see* Matthews, E. 87904
Watson, A. *see* Sasse, A. 87942
Watson, A.B., Solomon, J.A., Ahumada, A.J., Jr., Gale, A. Visibility of DCT quantization noise: effects of display resolution 89427
Watson, A.B., Yang, G.Y., Solomon, J.A., Villasenor, J. Visual thresholds for wavelet quantization error 108537
Watson, A.B. *see* Peterson, H.A. 87218
Watson, A.B *see* Solomon, J.A. 87217
Watson, A.R., Ntuen, C., Park, E. Effects of task difficulty on pilot workload 111057
Watson, B. *see* Booth, C. 71597
Watson, B.J. *see* Rajanathan, C.B. 71318
Watson, B.W., Zwaan, G. A taxonomy of sublinear multiple keyword pattern matching algorithms 108466
Watson, C.C., Newport, D., Casey, M.E. A single scatter simulation technique for scatter correction in 3D PET 80235
Watson, C.C., Newport, D., Casey, M.E., deKemp, R.A., Beanlands, R.S., Schmand, M. Evaluation of simulation-based scatter correction for 3D PET cardiac imaging 90430
Watson, C.J. *see* Sims, A.J. 80563
Watson, C.J. *see* Sims, A.J. 111028
Watson, D., Simpkins, S. The design of ASICs for analogue applications 73584
Watson, D. *see* Tate, A.R. 90378
Watson, D.W. *see* Henry, R.A. 92568
Watson, E.A., Miller, A.R. Analysis of optical beam steering using phased micromirror arrays 95920

Watson, E.A. *see* Barnard, K.J. 86967

Watson, E.A. *see* Bright, V.M. 106250

Watson, E.A. *see* Gustafson, S.C. 95235

Watson, G. Synchronous sine wave inverters–the implications for SWECS 102553

Watson, G. *see* Cunningham, D.G. 78025

Watson, G. *see* Griffiths, G. 90814

Watson, G. *see* Molle, M. 98761

Watson, G.A. IMAM algorithm for tracking manoeuvring targets in clutter 108378

Watson, G.A. *see* Chong Li 60935

Watson, I.A. *see* Wang, R.K. 117205

Watson, I.A. *see* Wang, R.K. 117576

Watson, I.G. *see* Barnes, S.R. 72204

Watson, J. Weaving a stronger Web: not WWW but XXX 77744

Watson, J. Reputation in repeated games with no discounting 92418

Watson, J. *see* Fawcett, B.K. 104508

Watson, J. *see* Krantz, E.P. 96789

Watson, J. *see* Krantz, E.P. 116772

Watson, J. *see* Stair, A.T., Jr. 90794

Watson, J.F. *see* Burnett, R. 71311

Watson, J.P., Miller, H.C. Raman shifting in the absence of multiple Stokes orders with a 1.3 μm Nd:YAG laser in hydrogen 96728

Watson, J.S. *see* Talele, S.E. 120943

Watson, K. *see* Hook, T.B. 84574

Watson, K. *see* Hook, T.B. 106207

Watson, K.L. *see* Kim, S. 67520

Watson, K.L. *see* Mason, S.E. 113614

Watson, L. *see* Heyder, R. 94654

Watson, M. *see* Rainey, A. 80835

Watson, M.F., Smith, D.L. Graphical coordination of overcurrent protection devices using a desktop computer 102273

Watson, N. *see* Bett, T.H. 85419

Watson, N. *see* Du, Z.-P. 101683

Watson, N.R. *see* Anderson, G.W.J. 80755

Watson, N.R. *see* Anderson, G.W.J. 111493

Watson, P., Gupta, K.C. EM-ANN models for via interconnects in microstrip circuits 93895

Watson, R., Chen, W., Hua, G., Lee, F.C. Component development for a high-frequency AC distributed power system 61616

Watson, R., Lee, F.C. A soft-switched, full-bridge boost converter employing an active-clamp circuit 121731

Watson, R. *see* Yang, W.Q. 110444

Watson, R. *see* Zhang, M.T. 121732

Watson, R.A. *see* Davies, R.D. 99700

Watson, R.J. *see* Craig, B.I. 83868

Watson, R.J. *see* Unewisse, M.H. 69149

Watson, R.J. *see* Unewisse, M.H. 79430

Watson, R.K. *see* Nichols, D.K. 63854

Watson, R.M. *see* Darveniza, M. 81376

Watson, R.M. *see* Darveniza, M. 102276

Watson, S. That darned data communications channel [Sonet interoperability] 109686

Watson, S. *see* Brocklehurst, F.K. 102565

Watson, T.A., Rowan, C. Industrial excimer laser beam properties 96863

Watson, T.F. *see* Juskaitis, R. 101269

Watson, T.J. *see* Matthews, E. 87904

Watson, W.A. *see* Chowdhary, M. 100522

Watson, W.S. Systems for angle measurement: a study in geometry 100335

Watt, A. *see* De Geus, K. 80333

Watt, F. *see* Kolachina, S. 94848

Watt, J.S. *see* Cutmore, N.G. 110434

Watt, M. *see* Galagedera, S.B. 90216

Watt, M. *see* Galagedera, S.B. 100941

Watt, V.H.C., Bower, R., Chan, W., Hong, L., Moinpour, M. Direct bonding of LPCVD silicon oxide thin films deposited from N_2O and SiH_4 63372

Watt, V.H.C. *see* Bower, R.W. 63196

Watt, V.H.C. *see* Moinpour, M. 63350

Watta, P.B., Hassoun, M.H. A coupled gradient network approach for static and temporal mixed-integer optimization 60892

Watta, P.B., Hassoun, M.H., Meisel, J. Design of optimal neuro-controllers for the separately excited DC motor using a hybrid genetic algorithm-neural network approach 103104

Watthanasarn, C., Zhang, L., Hardan, F. Real-time control of direct AC-AC matrix converters using a DSP-based space vector modulator 112069

Watthanasarn, C., Zhang, L., Liang, D.T.W. Analysis and DSP-based implementation of modulation algorithms for AC-AC matrix converters 121763

Watthanasarn, Z.C., Shepherd, W. Analysis and implementation of a space vector modulation algorithm for direct AC-AC matrix converters 81542

Watton, J., Hawkley, C.J. An approach for the synthesis of oil hydraulic transmission line dynamics utilizing in situ measurements 79752

Watton, R. *see* Porter, S.G. 69299

Watts, A. Security of information; coding and decoding 117197

Watts, B.E. *see* Ceresara, L. 92907

Watts, J.C., Woods, D.D., Patterson, E.S. Functionally distributed coordination during anomaly response in space shuttle mission control 111073

Watts, J.S., Neudeck, G.W. Buried-gate oxide thinning during epitaxial lateral overgrowth for dual-gated metal-oxide-semiconductor field-effect transistors 84394

Watts, R.A. *see* Harris, J.B. 116846

Watts, S. *see* Matheson, J. 69771

Watts, S. *see* Matheson, J. 105852

Watunyuta, W., Chu, C.H. A dither pattern ensemble method for digital halftoning 108490

Watzlawik, K.H. *see* Brauksiepe, S. 100815

Waugh, F.R. *see* Crouch, C.H. 105413

Waugh, R.W. Designing detectors for RF/ID tags 99456

Wauschkuhn, B. *see* Wascher, E. 110856

Wauters, J. *see* Catford, W.N. 69884

Wauters, J. *see* Van Duppen, P. 69686

Wauters, N., Demeester, P. Design of the optical path layer in multiwavelength cross-connected networks 78728

Wauters, N. *see* Bachus, E.-J. 78914

Wauwe, G.Van *see* Van Wauwe, G.

Wavering, A.J., Schneiderman, H., Fiala, J.C. High-performance tracking with TRICLOPS 86686

Wawra, M. *see* Pavuza, F.G. 112575

Wawryn, K. AB class current mode multipliers for programmable neural networks 114166

Wawryszczuk, Ya. *see* Fominykh, V.I. 69875

Wawrzynek, R. *see* Norrod, F. 73467

Wax, M., Anu, Y. Performance analysis of the minimum variance beamformer 66701

Wax, M., Anu, Y. Performance analysis of the minimum variance beamformer in the presence of steering vector errors 66702

Wax, M., Sheinvald, J., Weiss, A.J. Detection and localization in colored noise via generalized least squares 77036

Wax, M. *see* Sheinvald, J. 117317

Wax, M. *see* Yingbo Hua 117926

Waxman, R. *see* Wolf, J.M. 73259

Way, J. *see* Moon-Young Choi 112777

Way, W.I., Yen, K.Y., Deng, W.W. Super-FM and analogue-to-digital-conversion technologies for next-generation wireless access in optical fibres 119200

Way, W.I. *see* Chen Tai 78813

Way, W.I. *see* Chien Tai 99574

Way, W.I. *see* Wang, B.H. 68522

Way, W.I. *see* Wang, B.H. 78939

Way, Y.S. *see* Lee, C.H. 91301

Way Kuo *see* Wei-Ting Kary Chien 92341

Way Lin *see* Cheng, P.-H. 107345

Way-Seen Wang *see* Chung-Hwa Chang 116081

Wayabayashi, S. *see* Mizuno, K. 121824

Wayne, M. *see* Baumbaugh, B. 80030

Wayne, M. *see* Baumbaugh, B. 89063

Wayne, M. *see* Baumbaugh, B. 100882

Wayne, M. *see* Chung, M. 80031

Wayne Wei-Ming Dai *see* Qing Zhu 62000

Wayner, P. E-Mail without wires 67983

Waypa, J. *see* Graves, B.R. 107064

Waysand, G. *see* Girard, T.A. 80093

Waysand, G. *see* Jeudy, V. 69789

Waytena, G.L., Hoff, H.A., Ma, D.I., Isaacson, I.P., Rebbert, M.L., Marrian, C., Suehle, J.S. The use of a double mask system to prevent Ti diffusion from a Ti/Pt/Au ohmic contact on diamond 94822

Wazwaz, A.M., Khuri, S.A. Two methods for solving integral equations 72703

Wealleans, D. Losing control of design definition 72223

Weaniden, T. Thermistor protection in telecomms 78240

Wear, J. *see* Mours, B. 120196

Wear, J.A., Karp, J.S., Haigh, A.T., Freifelder, R. Evaluation of moderately cooled pure NaI as a scintillator for position-sensitive PET detectors 90350

Wear, J.A., Karp, J.S., Haigh, A.T., Freifelder, R. Evaluation of moderately cooled pure NaI as a scintillator for position-sensitive PET detectors 101312

Weare, C. The illusion of reform: the dilemma of structural telecommunications policy 108895

Weate, S.J. *see* Aotsuka, A. 90542

Weatherford, T.R. *see* McMorrow, D. 70334

Weatherford, T.R. *see* McMorrow, D. 74743

Weatherford, T.R. *see* McMorrow, D. 106046

Weatherill, N.P. *see* Murphy, J.A. 65613

Weatherley, J.W., Parry, M.H., Hey, S.A. 36 kV using heat shrinkable components 81112

Weatherly, G.C. *see* Mullan, C.A. 103894

Weathers, A.D. Sensitivity of PRML systems to timing offsets 117396

Weaver, B.D., Jackson, E.M. Temperature dependence of critical current and normal-state resistance in $Tl_2Ba_2CaCu_2O_8$ bicrystal Josephson junctions 106648

Weaver, B.L. *see* Judkins, R.R. 111806

Weaver, C.F. *see* Rege, K.M. 88375

Weaver, D.W. *see* Peri, M.L. 100132

Weaver, G.S., Bright, V.M., Kosinski, J.A. Temperature coefficients of selected material constants of dilithium tetraborate ($Li_2B_4O_7$) 106321

Weaver, J. *see* Tatchyn, R. 96526

Weaver, J.A., Jr. *see* Thalman, W.J. 62399

Weaver, J.H. *see* Brake, J. 61255

Weaver, J.H. *see* Gong, Y. 84171

Weaver, J.M.R. *see* Borsosfoldi, Z. 63810

Weaver, J.M.R. *see* Cumming, D.R.S. 104408

Weaver, J.N. *see* Ting, A. 96478

Weaver, J.T., Pu, X.H., Agarwal, A.K. Improved methods for solving for the magnetic field in E-polarization induction problems with fixed and staggered grids 111149

Weaver, L. *see* Griswold, E.M. 75024

Weaver, M.S., Lidzey, D.G., Fisher, T.A., Pate, M.A., O'Brien, D., Bleyer, A., Tajbakhsh, A., Bradley, D.D.C., Skolnick, M.S., Hill, G. Recent progress in polymers for electroluminescence: microcavity devices and electron transport polymers 85257

Weaver, M.S., Lidzey, D.G., Pavier, M.A., Mellor, H., Thorpe, S.L., Bradley, D.D.C., Richardson, T., Searle, T.M., Huang, C.H., Lui, H., Zhou, D. Organic light-emitting diodes (LEDs) based on Langmuir-Blodgett films containing rare-earth complexes 75753

Weaver, M.S. *see* Bradley, D.D.C. 106944

Weaver, M.S. *see* Lidzey, D.G. 75700

Weaver, M.S. *see* O'Brien, D. 96026

Weaver, P.M., McBride, J.W. Magnetic and gas dynamic effects on arc motion in miniature circuit breakers 71588

Weaver, R.L., Troisi, V.J. Remote sensing data availability from the Earth Observation System (EOS) via the Distributed Active Archive Center (DAAC) at NSIDC 120684

Webb, A., Allen, R., Smith, D. Closed-loop control of depth of anaesthesia 120438

Webb, B. *see* Schwartz, D.B. 96052

Webb, D.C. Design and fabrication of low-cost ferrite circulators 114222

Webb, D.J. *see* McClelland, T.E. 116729

Webb, D.J. *see* Rao, Y.J. 69206

Webb, D.V. *see* Boas, J.F. 88903

Webb, D.V. *see* Kotler, L.H. 90131

Webb, J.A. *see* Sing Bing Kang 77165

Webb, J.B. *see* Li, K. 83915

Webb, J.D. *see* Ciszek, T.F. 94725

Webb, J.L.H., Munson, D.C., Jr. Chebyshev optimization of sparse FIR filters using linear programming with an application to beamforming 97720

Webb, J.L.H., Munson, D.C., Jr. A new approach to designing computationally efficient interpolated FIR filters 97721

Webb, J.M. *see* Coutts, T.J. 94373

Webb, J.P. *see* Choi, C.T.M. 65785

Webb, J.P. *see* Choi, C.T.M. 107854

Webb, J.P. *see* Villeneuve, D. 65675

Webb, J.P. *see* Villeneuve, D. 96867

Webb, J.P. *see* Zhenning Liu 65687

Webb, J.R. Microchip architecture for full digital control of geometry, convergence, and colorimetry in CRT monitors 89361

Webb, K. A designer's guide to the Low Voltage Directive 72215

Webb, K. Get ready for the Low Voltage Directive 82138

Webb, K.J. *see* Keh-Ching Huang 62401

Webb, K.J. *see* Kolagunta, V.R. 84314

Webb, K.J. *see* Lichtenberg, B. 97031

Webb, K.J. *see* Reynolds, J.S. 101085

Webb, K.J. *see* Tanveer Ul Haq 95722

Webb, M.G., Carstairs, J. Steps to develop regional trade [between electric utilities] 80834

Webb, M.S., Stanion, K.B., Deane, D.J., Cook, W.A., Neuman, W.A., Velsko, S.P. Multi-wavelength injection seeded mid-infrared optical parametric oscillator for DIAL 96697

Webb, P.P. *see* McIntyre, R.J. 75732

Webb, P.P. *see* McIntyre, R.J. 95991

Webb, P.W. *see* Russell, I.A.D. 63609

Webb, P.W. *see* Thomas, K.P. 84279

Webb, R.S. *see* Edward, B.J. 76652

Webb, S. *see* Lodge, M.A. 80310

Webb, S. *see* Lodge, M.A. 101192

Webb, S. *see* Munshi, P. 90408

Webb, S.J. *see* Li, Y.B. 105312

Webb, S.M., Guild, K.M., Sian, S.S. 415 km unrepeatered transmission of 25 Gbit/s NRZ with +26.5 dBm launch, clock pre-chirp, Raman amplification, FEC and dispersion compensation 78711

Webb, T.R. *see* Krishnan, S. 105673

Webb, T.R. *see* Ma, D.X. 114917

Webb, W. The convergence of cellular and PMR and the implications for third generation mobile systems 78399

Webber, B.L. *see* Badler, N.I. 80164

Webber, L.F. Plasma displays 105083

Webber, M. *see* Chinen, D. 98935

Webber, R.C. Fermilab booster low level RF system upgrades 100609

Webber, R.L. *see* Berry, J.L. 69955

Webber, S. *see* Sturtevant, J. 105780

Webber, T. Laser welding melt efficiency comparison: CW and Q-switched Nd:YAG 107643

Webber, W.R.S., Lesser, R.P., Richardson, R.T., Wilson, K. An approach to seizure detection using an artificial neural network (ANN) 80407

Webel, M. *see* Chen, J.W. 114803

Webel, M. *see* Geppert, R. 120141

Webel, M. *see* Irsigler, R. 120139

Weber, A., Head, T. The finest homophonic partition and related code concepts 97559

Weber, A. *see* Eicher, S. 105931

Weber, A. *see* Eicher, S. 113725

Weber, A.G. *see* Raddatz, L. 65329

Weber, B. *see* Kahle, G. 86131

Weber, B.C., Hirth, A. Efficient single-pulse emission with submicrosecond duration from a Cr:LiSAF laser 85409

Weber, C. *see* Chen, J.W. 114803

Weber, C. *see* Deis, G. 106719

Weber, C. *see* Geppert, R. 120141

Weber, C. *see* Ho-Kyoung Lee 66520
Weber, C. *see* Irsigler, R. 120139
Weber, C. *see* Thomassen, K. 64565
Weber, C.L. *see* Hall, S.E. 112329
Weber, D. Computing discrete logarithms with the general number field sieve 108164
Weber, D. *see* Casasent, D. 87170
Weber, D.J. Integrated INS/GPS navigation systems for tactical applications 68765
Weber, E., Adler, B., Allan, R., Agarwal, S., Bhavaraju, M., Billinton, R., Blanchard, M., D'Aquanni, R., Ellis, R., Endrenyi, J., Garrison, D., Grigg, C., Luehmann, M., Odom, J., Preston, G., Rau, N., Reppen, N., Salvaderi, L., Schilling, M., Schneider, A., Vojdani, A., White, T. Reporting bulk power system delivery point reliability 102001
Weber, E.R. *see* Chan, J.S. 63238
Weber, E.R. *see* Gassmann, A. 103838
Weber, E.R. *see* Hieslmair, H. 105112
Weber, E.R. *see* Ruvimov, S. 94338
Weber, E.R. *see* Walukiewicz, W. 114639
Weber, F. *see* Mours, B. 120196
Weber, F. *see* Partovi, H. 73251
Weber, H., Zimmermann, D. Dynamic model for a high-pressure water power station 71177
Weber, H. *see* Dascalu, T. 75907
Weber, H. *see* Plorin, J. 107185
Weber, H.G. *see* Ludwig, R. 78784
Weber, H.G. *see* Ludwig, R. 85702
Weber, H.G. *see* Pieper, W. 88592
Weber, H.G. *see* Pieper, W. 88657
Weber, H.G. *see* Sharon, A. 116121
Weber, H.I. *see* Pitanguy, I. 108465
Weber, H.J. *see* Hagemann, M. 106752
Weber, H.P. *see* Peter, D.S. 65074
Weber, H.P. *see* Peter, D.S. 107141
Weber, H.P. *see* Peter, D.S. 116407
Weber, H.P. *see* Pratisto, H. 101412
Weber, H.P. *see* Weber, T. 116406
Weber, H.P. *see* Wegmuller, M. 75854
Weber, J., Nowitzki, A., Gyuro, I., Scherb, J. MOVPE growth of high performance photodetector structures using TBA and TBP 92783
Weber, J., Seitz, S., Folkmer, B., Neumeier, K., Schaber, U., Sandmeier, H., Lindner, E. A smart sensor device realized in standard CMOS-technology based on an ASIC-design 89047
Weber, J. *see* Czub, M. 103996
Weber, J. *see* Ghosh, S. 62912
Weber, J. *see* Katter, M. 115853
Weber, J. *see* Kerkel, K. 94557
Weber, J. *see* Lach, E. 107231
Weber, J. *see* Orth, A. 107260
Weber, J. *see* Schilling, M. 96425
Weber, J. *see* Weinmann, R. 75597
Weber, J.H. *see* Abdel-Ghaffar, K.A.S. 97546
Weber, J.H. *see* Temin, P. 108896
Weber, J.H. *see* Van Der Vleuten, R.J. 76696
Weber, K., Poon, A. Marquee: a tool for real-time video logging 68918
Weber, K. *see* Chahl, J. 86666
Weber, K.J., Blakers, A.W. Liquid phase epitaxy of silicon on multicrystalline silicon substrates 61252
Weber, L. *see* Bauer, H.-D. 106801
Weber, L. *see* Heiduschke, K. 112911
Weber, L. *see* Tiwari, A. 88757
Weber, L.F., Birk, J.D. Materials and manufacturing issues for color plasma displays 100253
Weber, M., Wang, J.-T., Wasmus, S., Savinell, R.F. Formic acid oxidation in a polymer electrolyte fuel cell: a real-time mass-spectrometry study 102960
Weber, M. *see* Belz, C. 101216
Weber, M. *see* Koops, H.W.P. 105807
Weber, M. *see* Lee, Y. 90103
Weber, M. *see* Sarstedt, M. 100784
Weber, M. *see* Wolf, K.H. 78001
Weber, N. *see* Barbiellini, G. 69722
Weber, N. *see* Carlson, P. 100810
Weber, P. *see* Klein, A. 116882
Weber, P. *see* Oldendorf, M. 90460
Weber, P. *see* Schambach, J. 95508
Weber, R. Secondary breakdown in gas insulated substations 81641
Weber, R. *see* Beutler, G. 68323
Weber, R. *see* Hassoun, M. 89179
Weber, R.M. *see* Lage, J.L. 92265
Weber, S., Terstegge, A., Halling, H., Herzog, H., Reinartz, R., Reinhart, P., Rongen, F., Muller-Gartner, H.W. The design of an animal PET: flexible geometry for achieving optimal spatial resolution or high sensitivity 101109
Weber, S. *see* Eimeri, D. 85420
Weber, S.V. *see* Rothenberg, J.E. 85563
Weber, T., Luethy, W., Weber, H.P. Side-pumped fiber laser 116406
Weber, T. *see* Voigtlander, B. 92692
Weber, T. *see* Voigtlander, B. 113388
Weber, W., Prange, S.J., Thewes, P., Wohlrab, E., Luck, A. On the application of the Neuron MOS transistor principle for modern VLSI design 106224
Weber, W. *see* Kleiner, M.B. 89548
Weber, W. *see* Kleiner, M.B. 105724
Weber, W. *see* Thewes, R. 113783
Weber, W.H. *see* Krishnamurthy, M. 114676
Weber, W.J. *see* Stevenson, J.W. 81795
Webers, G.A. *see* de Leeuw, R.W. 100710
Webers, G.A. *see* de Leeuw, R.W. 100711
Webers, G.A. *see* Theuws, W.H.C. 100626
Webjorn, J. *see* Balakrishnan, A. 96647
Webjorn, J. *see* Lovering, D.J. 116629
Websper, S.P., Dunn, R.W., Aggarwal, R.K., Johns, A.T. Artificial intelligence techniques applied to adaptive distance protection 102237
Webster, A. *see* Unno, Y. 80035
Webster, C.M. *see* Comer, D.T. 73162
Webster, D., Darvishzadeh, M., Haigh, D. Total charge capacitor model for short-channel MESFETs 104854
Webster, D.R., Haigh, D.G., Scott, J.B., Parker, A.E. Derivative superposition–a linearisation technique for ultra broadband systems 73732
Webster, D.R. *see* Passiopoulos, G. 61656
Webster, J.G. *see* de Talhouet, H. 80394
Webster, J.R., Jones, D.K., Mastrangelo, C.H. Monolithic capillary gel electrophoresis stage with on-chip detector 79572
Webster, L. *see* Ganapathiraju, A. 108194
Webster, M., Alder, C. Hierarchical scheduling in a distributed electronics manufacturing environment 82174
Webster, M. *see* Krolikowski, W. 116720
Webster, M.A., Wade, A., Mollon, J.D. Color in natural images and its implications for visual adaptation 108527
Webster, M.F. *see* Grant, P.W. 61004
Webster, R.L. *see* Staveley-Smith, L. 68796
Webster, T.A. *see* Wrobel, M.C. 101007
Wechel, T.D.Van *see* Van Wechel, T.D.
Wechsler, H. *see* Concepcion, V. 98321
Wechsler, H. *see* Gutta, S. 108513
Wechsler, H. *see* Huang, J. 117901
Wechsler, H. *see* Lu, Z. 97671
Wecht, K. *see* Tanbun-Ek, T. 78822
Wecht, K. *see* Tanbun-Ek, T. 119235
Weck, K.H. *see* Lindemann, H. 81085
Weckendrup, D. *see* Neukirch, U. 74252
Wecker, J. *see* Parhofer, S.M. 115622
Weckman, D.C. *see* Graham, M.P. 107644
Weclas, M. The influence of radial positioning accuracy on LDA velocity measurements in a valve gap 69568
Wedekind, M. *see* Derenchuk, V. 90093
Wedekind, M. *see* Derenchuk, V. 120079
Wedemeyer, D.J., Nickelson, R. *(editors)* 18th Annual Pacific Telecommunications Conference. Proceedings 72058
Wedephol, L.M. *see* Nagpal, M. 81517
Wedepohl, L.M., Nguyen, H.V., Irwin, G.D. Frequency-dependent transformation matrices for untransposed transmission lines using Newton-Raphson method 102147
Weder, Ch., Neuenschwander, P., Suter, U.W., Pretre, Ph., Kaatz, Ph., Gunter, P. New polyamides with large second-order nonlinear optical properties 85650
Wedgwood, J. *see* Vojir, W. 93415
Wedlake, M. *see* Chen, L. 73607
Wee, A.T.S. *see* Feng, Z.C. 72779
Wee, A.T.S. *see* Li, K. 83915
Wee, Y.J. *see* Park, I.S. 115012
Wee Dang-Moon *see* Dang-Moon Wee
Wee Lim Khiang *see* Khiang Wee Lim
Wee Sang Park *see* Joong Chang Chun 107989
Wee Tee Loh *see* Leiming Xing 102365
Wee Yeo Lik *see* Yeo Lik Wee
Wee-Keong Ng *see* Sunghyun Choi 86090
Wee-Leng Goh *see* Han Wang 86640
Wee-Soon Ching, Peng-Seng Toh, Meng-Hwa Er Robust vergence with concurrent identification of occlusion and specular highlights 77468
Weeber, A.W. *see* Leguijt, C. 102983
Weed, D. *see* Ferzali, W. 68320
Weed, K., Kirkpatrick, A. An experimental investigation of the emissivity of various electronic packages 103442
Weeden, B.A., Sanders, A.P., LaSalle, D.L., Trottier, G.P. Alternative methods for custom implant production utilizing a combination of rapid prototyping technology and conventional investment casting 80482
Weedon, H. *see* Dilmanian, F.A. 90434
Weedon, W.H. *see* Chew, W.C. 76408
Weedon, W.H. *see* Chew, W.C. 99627
Weeks, A.R. *see* Rabadi, W.A. 77103
Weeks, B. Fundamentals of library management [PCB CAD] 93993
Weeks, B. Libraries creation and documentation [PCB CAD] 93994
Weeks, K.J. *see* O'Shea, P.G. 107380
Weeks, K.L. *see* Seybold, J.S. 68570
Weeks, R. *see* Leung Tsang 97042
Weeks, T.S. *see* Bergen, D.E. 107658
Weeks, T.W., Jr *see* Edwards, N.V. 114903
Weems, C. The next generation image understanding architecture 77143
Weening, R.P. *see* Prins, M.W.J. 75056
Weerackody, V. The effect of mobile speed on the forward link of the DS-CDMA cellular system 88211
Weerackody, V., Zeng, W. ARQ schemes with switched antenna diversity and their applications in JPEG image transmission 88216
Weerakkody, S.D. *see* Bonaca, M.V. 81210
Weerasooriya, S., Yu Wong Huang Identification and compensation of a non-contact servowriter positioning system 115822
Weerasooriya, S., Zhang, J.L., Low, T.S. Efficient implementation of adaptive feedforward runout cancellation in a disk drive 115801
Weerasooriya, S. *see* Chen, B.M. 84727
Weerasoorlya, S. *see* Huang, Y.H. 75229
Weerd-Nederhof, P.C.de *see* de Weerd-Nederhof, P.C.
Weerdt, R.De *see* De Weerdt, R.
Wees, B.J.van *see* van Wees, B.J.
Weese, S., Barrett, T., Hazra, A., Eisemann, R., Caprio, G. TMN and the implementation of electronic bonding 108957
Weetall, H.H. *see* Filho, J.L.L. 79577
Weg, W.F.Van Der *see* Van Der Weg, W.F.
Wege, S. *see* Fritz, K. 114434
Wegener, J., Sieber, M., Galla, H.-J. Impedance analysis of epithelial and endothelial cell monolayers cultured on gold surfaces 120456
Wegener, M., Dietrich, C.R., Newsam, G.N. Generation of non-Gaussian sea surfaces for IR scene simulations 67188
Wegener, M. *see* Wehner, M.U. 65494
Weger, P. *see* Simburger, W. 104868
Weger, P. *see* Simburger, W. 118860
Weger, P. *see* Treitinger, L. 73798
Wegerer, R.M. *see* Kowalski, O.P. 72754
Weggel, C.F., Campagna, N. Redesigning open, interventional, MRI magnets 101229
Weggel, R.J., Stejskal, V., Bobrov, E., Holowinski, M., Williams, J.E.C. Final design of a 24 MW radially-cooled insert for a 45 T hybrid system 96974
Weglarz, J. *see* Palko, T. 110838
Wegmuller, M., Hodel, W., Weber, H.P. Diode pumped mode-locked Nd^{3+} doped fluoride fiber laser emitting at 1.05 μm 75854
Wegner, S.F. Risks, benefits and strategies for responding to the green consumer: a global perspective 60750
Wegrowe, J.-G., Agarcic, G., Berger-By, G., Bibet, P., Crenn, J.-P., Froissard, P., Garin, P., Kuus, H., Pain, M., Rey, G., Tonon, G. Quasi-optical LHW launcher pre-design study for TORE-SUPRA, modellisations 76559
Wegscheider, W., Pfeiffer, L.N., West, K.W., Littlewood, P., Narayan, O., Hagn, M., Dignam, M.M., Leibenguth, R.E. Strong magnetic field dependence of laser emission from quantum wires formed by cleaved edge overgrowth 65289
Weh, H. Transverse flux (TF) machines in drive and generator application 91436
Wehbeh, J.A., Saab, D.G. Initialization of sequential circuits and its application to ATPG 104480
Wehe, D. *see* Redus, R. 90151
Wehe, D. *see* Redus, R. 101035
Wehe, D.K. *see* Clinthorne, N.H. 101210
Wehe, D.K. *see* Guru, S.V. 120181
Wehe, D.K. *see* He, Z. 80156
Wehe, D.K. *see* He, Z. 101033
Wehenkel, L. A statistical approach to the identification of electrical regions in power systems 101726
Wehjun Zhuang *see* Jianjian Song 93024
Wehl, W. *see* Krause, P. 84647
Wehmann, H.-H., Bartels, A., Klockenbrink, R., Tang, G.-P., Peiner, E., Schlachetzki, A., Malacky, L. Properties of InGaAs-MSM-photodetectors on Si 100044
Wehmann, H.-H., Guang-Ping Tang, Klockenbrink, R., Schlachetzki, A. Dark-current analysis of InGaAs-MSM-photodetectors on silicon substrates 110150
Wehmann, H.-H., Tang, G.-P., Klockenbrink, R., Mo, S., Schlachetzki, A. Dark-current analysis of InGaAs-MSM-photodetectors on silicon substrates 89104
Wehmann, H.-H. *see* Malacky, L. 104147
Wehner, M. *see* Gillner, A. 112961
Wehner, M.B. *see* Geib, R. 67924
Wehner, M.Becker *see* Becker Wehner, M.
Wehner, M.U., Steinbach, D., Wegener, M., Marschner, T., Stolz, W. Spectrally resolved four-wave mixing experiments on bulk GaAs with 14-fs pulses 65494
Wehnes, J.C., Hung-Ta Pai, Bovik, A.C. Fast lossless image compression 77433
Wehrend, H., Oswald, B.R. Identification and modelling of power system subnetworks for digital simulations 101758
Wehrer, W. A shopper's guide to industrial flat panel displays 119795
Wehrhahn, A. *see* Dresel, T. 85755
Wehrle, U. *see* Boussard, D. 100470
Wehrli, F.W. *see* Jingfei Ma 90384
Wehrmann, C. Design and performance of a braking chopper circuit for control of induction motors 81462
Weht, R., Cappannini, O.M., Rodriguez, C.O., Christensen, N.E. First-principles calculation of compressibilities and their pressure dependence in LuNi$_2$B$_2$C 75315
Wei, A., Antoniadis, D.A. Measurement of transient effects in SOI DRAM/SRAM access transistors 61871
Wei, A., Antoniadis, D.A., Bair, L.A. Minimizing floating-body-induced threshold voltage variation in partially depleted SOI CMOS 93262
Wei, A.D. *see* Friedmann, A. 75225

Wei, C., Groen, F.H., Vreeburg, C.G.M., Demeester, P., Baets, R. Very low loss compact waveguide beam collimators on InP 95725
Wei, C.-H., Kuo, B.-N. A bi-directional equalizer using multiple-training LMS algorithm for TDMA digital cellular radio 99398
Wei, C.-H. *see* Kuo, H.-C. 86057
Wei, C.-H. *see* Wei, S.-W. 67959
Wei, C.-H. *see* Wei, S.-W. 98927
Wei, C.C. *see* Pan, Y. 84420
Wei, C.D., Liu, Z.X., Ren, H.T., Xiao, L. Fishtail effects in $YBa_2Cu_3O_y$ crystal prepared by melt-textured growth method 72741
Wei, C.J., Hwang, J.C.M., Ho, W.J., Higgins, J.A. Large-signal modeling of self-heating and RF-breakdown effects in power HBTs 94924
Wei, C.J., Lan, Y., Tkachenko, Y.A., Hwang, J.C.M. A comprehensive nonlinear model for class-AB high-power amplifiers 73695
Wei, D., Bertram, H.N. Interlayer coupling and surface roughness in GMR spin valves 115607
Wei, D., Bertram, H.N., Friedmann, A. Signals and nonlinearities in thin metal-particle tape 75226
Wei, D., Bovik, A.C. Enhancement of decompressed images by optimal shift-invariant wavelet packet basis 67013
Wei, D.S.L. *see* Wen-Yu Tseng 78058
Wei, F. *see* Bocchetta, C.J. 79809
Wei, H. *see* Jun, C. 76391
Wei, H.J. *see* Yu, Z.Q. 69827
Wei, H.Y. *see* Dhar, N.K. 82698
Wei, J., Brennan, J.M., Ahrens, L.A., Blaskiewicz, M.M., Deng, D.-P., MacKay, W.W., Peggs, S., Satogata, T., Trbojevic, D., Warner, A., van Asselt, W.K. Effects of enhanced chromatic nonlinearity during the AGS γ_T-jump 89880
Wei, J., Gupta, R.C., Jain, A., Peggs, S.G., Trahern, C.G., Trbojevic, D., Wanderer, P. Field quality evaluation of the superconducting magnets of the Relativistic Heavy Ion Collider 79946
Wei, J. *see* Donnelly, K. 74851
Wei, J. *see* Fathi, Z. 65867
Wei, J. *see* Mackay, W.W. 89986
Wei, L., Hansson, P. Further research on dynamic time slice in ATM switch 67863
Wei, L.F. Trellis-coded modulation: Technology and applications 97424
Wei, L.J. *see* Rossini, A.J. 92343
Wei, M., Stover, R.J. A new design for the UCO/Lick Observatory CCD guide camera 100134
Wei, R.P. *see* Thomas, J.P. 79211
Wei, S.-W., Jan, Y.-H., Chen, T.-C., Wang, S.-C., Liu, G.-S., Wei, C.-H. High frequency cable modeling for Taiwan's subscriber loops 98927
Wei, S.-W., Leu, S.-T., Wei, C.-H. Transmission capability of discrete multitone modulation for Taiwan's subscriber loops 67959
Wei, S.C. *see* Gorman, J.D. 109712
Wei, S.J. *see* Bourguet, J.-M. 93424
Wei, S.M. *see* Hsieh, M.C. 64503
Wei, T., Xiang, X.-D., Wallace-Freedman, W.G., Schultz, P.G. Scanning tip microwave near-field microscope 79674
Wei, V.K. *see* Ho, T.F. 67566
Wei, V.K. *see* Ho, T.F. 87374
Wei, V.K. *see* Yooh, J.H. 68068
Wei, V.K. *see* Zhen Zhang 66282
Wei, V.K. *see* Zhen Zhang 66318
Wei, V.K.-W. On fast soft-decision decoding of RS and BCH codes 97480
Wei, V.K.W. *see* Yeung, C.K. 67565
Wei, W. *see* Storm, P. 98715
Wei, W. *see* Wenyan, Y. 76525
Wei, W. *see* Yasuda, A. 88781
Wei, X. *see* Honig, A. 120094
Wei, Y., Hong, Y., Tsong, I.S.T. Oxygen etching of the Si(100)-(2×1) surface 63275
Wei, Y., Sancaktar, E. A pressure dependent conduction model for electronically conductive adhesives 82232
Wei, Y. *see* Lou, Q. 105104
Wei, Y. *see* Wu, J.W. 95104
Wei, Z., Guoliang, D. Computer system of process mass spectrometer 120233
Wei, Z., Qi, L. Convergence analysis of a proximal Newton method 82463
Wei Baohua *see* Liu Zhanwen 110531
Wei Baowen *see* Rao Yinong 69605
Wei Baowen *see* Rao Yinong 69665
Wei Baowen *see* Rao Yinong 120071
Wei Cai, Jianzhong Wang Adaptive multiresolution collocation methods for initial boundary value problems of nonlinear PDEs 82548
Wei Cai, Wonho Oh, Youlan Zhu Direct numerical calculations of a neutral stability curve for one-dimensional detonations 92650
Wei Caiping *see* Zhang Liming 67351
Wei Cao *see* Takano, K. 64180
Wei Cao *see* Cao Wei
Wei Chang, Yablonovitch, E., Dines, E.L., Pepe, A.A., Ludwig, D. Epitaxial lift-off arrays of GaAs LEDs over wafer-scale Si VLSI for optical interconnect technology 75765
Wei Chang Kwo *see* Kwo Wei Chang
Wei Che-Ho *see* Che-Ho Wei
Wei Chen, Acton, S.T. Processing issues in the automated inspection of power insulators 81131
Wei Chen, Lee, F.C., Yamauchi, T. An improved "charge pump" electronic ballast with low THD and low crest factor 71885
Wei Chen, Lee, F.C., Yamauchi, T. Reduction of voltage stress in charge pump electronic ballast 122071
Wei Chen, Mianzeng Su, Jiaqing Song, Jinhua Lin Photostimulated luminescence of $BaFBr:Eu^{2+}$ phosphors 116222
Wei Chen *see* Chu, P.Y. 64167
Wei Chen *see* Tiwari, S. 63821
Wei Chen *see* Chen Wei
Wei Chen Rosy *see* Rosy Wei Chen
Wei Cheng-Yi *see* Lu Chung-Chin 111603
Wei Chih-Chun *see* Chih-Chun Wei
Wei Ching-Chuan *see* Ching-Chuan Wei
Wei Chou Hsu *see* Rong Tay Hsu 63779
Wei Datong *see* Datong Wei
Wei Ding *see* Ding Wei
Wei Dong *see* Xiaowei Zhu 73692
Wei Dong Yang, Pregla, R. The method of lines for analysis of integrated optical waveguide structures with arbitrary curved interfaces 64753
Wei Fang *see* Yue Yang 63987
Wei Feng *see* Feuerstein, R.J. 64783
Wei Gao *see* Yuchi Lin 100329
Wei Gong, Hadjipanayis, G.C. Nanocrystalline and nanocomposite $SmCo_2Fe_2B$ magnets 113507
Wei Guanghui *see* Li Geping 96108
Wei Guo *see* Duanyang Guo 78101
Wei Guo *see* Duanyang Guo 87700
Wei Guo Wang *see* Wang Wei Guo
Wei Han *see* Guohui Li 84100
Wei Helin, Liu Zuli, Liu Daming Monte-Carlo simulation for electron-neutral collision processes in normal and abnormal discharge cathode sheath region 104983
Wei Hong, Weikai Sun, Wei-Ming Dai, W. Fast parameters extraction of multilayer and multiconductor interconnects using geometry independent measured equation of invariance 60654
Wei Hong *see* Weikai Sun 82858
Wei Hong *see* ZhiNing Chen 85820
Wei Hong *see* Hong Wei
Wei Hornjer *see* Yu Zhongqiang 120207
Wei Hsin *see* Kuo Feng Chen 65201
Wei Hu *see* Hu Wei
Wei Hua *see* Hua Wei
Wei Hua-Fang *see* Hua-Fang Wei
Wei Huang *see* Sakakura, S. 68266
Wei Jia *see* Jia Wei
Wei Jie *see* Jie Wei
Wei Jin, Stewart, G., Culshaw, B., Murray, S., Wilkinson, M., Norris, J.O.W. Performance limitation of fiber optic methane sensors due to interference effects 69225
Wei Jing-Yuan, Smeers, Y., Canon, E. A bargaining model of regulated markets' integration with an application to electricity supply market 80829
Wei Jong-Hourm *see* Jong-Hourm Wei
Wei Kang Huang *see* Lombardi, F. 61794
Wei Koh, Edwards, M. Performance enhancement of newly developed chip on board (COB) encapsulants 92222
Wei Lei *see* Lei Wei
Wei Li, Achenbach, J.D. Measuring thin-film elastic constants by line-focus acoustic microscopy 111397
Wei Li, Wei-Xin Ni Residual strain in GaN epilayers grown on sapphire and (6H)SiC substrates 61188
Wei Li *see* Bo Ye 82828
Wei Li *see* Bo Ye 83056
Wei Li *see* Kunji Chen 94532
Wei Li *see* Xiaofeng Gu 95863
Wei Li *see* Li Wei
Wei Li-Chung *see* Li-Chung Wei
Wei Liang *see* Liang Wei
Wei Lin, Delgado-Frias, J.G., Gause, D.C., Vassiliadis, S. Solving the traveling salesman problem using a hybrid genetic algorithm approach 72521
Wei Lin *see* Rong-Heng Yuang 119683
Wei Lin *see* Yuan-Kuang Tu 119199
Wei Ling *see* Ling Wei
Wei Liqiong, Zhang Xing, Li Yingxue, Wang Yangyuan Design and development of TFD SOI gate array 61800
Wei Liqiong *see* Liqiong Wei
Wei Liu, Park, E.K., Pissinou, N. Encapsulation of ATM cell connections 108849
Wei Liu *see* Baoquan Sun 83958
Wei Liu *see* Yaohui Zhang 62852
Wei Liu *see* Liu Wei
Wei Lu, Bingxue Shi, Zhijian Li A modified Hamming neural network with different thresholds and multi-valued weights 104769
Wei Lu, Zhijian Li, Bingxue Shi A modified Hamming neural network 93637
Wei Lu *see* Norifusa, M. 118067
Wei Lu *see* Lu Wei
Wei Lu Wei *see* Wei Wei Lu
Wei Luncun *see* Wang Hao 71570
Wei Luogang *see* Luogang Wei
Wei Moan *see* Liu Zhenqing 72997
Wei Pei-Kuen *see* Pei-Kuen Wei
Wei Pen *see* Palmer, E. 63500
Wei Qian, Clarke, L.P. A restoration algorithm for P-32 and Y-90 bremsstrahlung emission nuclear imaging: a wavelet-neural network approach 110726
Wei Qian, Clarke, L.P. Wavelet-based neural network with fuzzy-logic adaptivity for nuclear image restoration 120307
Wei Qian *see* Baoyu Zheng 120291
Wei Qian *see* Qian Wei
Wei Qidong, Cai Song, Zheng Wende, Yuan Yousheng, Su Shi, Jiang Huiqiang Progress in research on 20 MWt coal-fired MHD slagging combustor 112421
Wei Qihang *see* Yin Zejie 90403
Wei Qihang *see* Yin Zejie 90404
Wei Ren *see* Qingchun Zhao 85694
Wei ShaoJun *see* ShaoJun Wei
Wei Sheng *see* Sheng Wei
Wei Shi Lim, Alpern, S. Minimax rendezvous on the line 113098
Wei Shieh-Chung *see* Shieh-Chung Wei
Wei Su A smart signal conditioner in suppressing vibration noise of crystal oscillators 119583
Wei Su *see* Damarla, T.R. 104971
Wei Su-Huai *see* Su-Huai Wei
Wei Teok Ui *see* Ui Wei Teok
Wei Tie, Haibin Zhang, Junliagn Chen IN service design based on MSC 118548
Wei Tongli *see* Xiao Zhixiong 105900
Wei Tongli *see* Xiao Zhixiong 105918
Wei Tongli *see* Tongli Wei
Wei Tu Xiao *see* Xiao Wei Tu
Wei Wan *see* Wan Wei
Wei Wang, Rushforth, C.K. An adaptive local-search algorithm for the channel-assignment problem (CAP) 99223
Wei Wang *see* Feng-Zhen Guo 116114
Wei Wang *see* Ke-Ming Wang 85038
Wei Wang *see* Zhenyuan Wang 72501
Wei Wang *see* Wang Wei
Wei Wang Shih *see* Shih Wei Wang
Wei Wei *see* Liu Yulan 80908
Wei Wei *see* Wei Wei
Wei Wei Lu *see* Miguel Vieira Monteiro, A. 77918
Wei Wen, Baozong Yuan Scenes segmentation using principles of perceptual organization 87259
Wei Wenxuan *see* Cong Wang 70782
Wei Wu *see* Xinfan Huang 94531
Wei Wu *see* Wu Wei
Wei Xia, Scarpulla, J., Young, M., Sabin, E., Anderson, L. Fast detection of mobile ions for WLR monitoring 63874
Wei Xiaofeng *see* Huang Wenzhong 96202
Wei Xiaoming *see* He Renmu 90925
Wei Xing Zheng Application of simplified line searches in the design of adaptive envelope-constrained filters 114101
Wei Xing Zheng, Cantoni, A., Kok Lay Teo Robust design of envelope-constrained filters in the presence of input uncertainty 97718
Wei Xiwen *see* Li Jianjun 63831
Wei Xu *see* Xu Wei
Wei Xue *see* Xue Wei
Wei Ya-Dong, Liang Jun-Wu Dislocation movement in nitrogen-doped Czochralski silicon 84086
Wei Yan, Dawson, F.P. Experimental V-I characteristics for the post ignition/pre arc phase in a vortex water wall high pressure argon arc lamp 112591
Wei Yan, Dawson, F.P. Numerical evaluation of the cathode heating time during the post ignition and prethermionic electrode emission phase 112593
Wei Yan, Lu Kai, Zhang Yanhua, Wu Runyuan, Wang Shengwu A research of IFOG adaptive temperature drift model 79439
Wei Yan *see* Yunxian Huang 118000
Wei Yang *see* Abdallah, C. 105072
Wei Yanming *see* Liu Jinru 116344
Wei Ye *see* Ye Wei
Wei Yen, Akyildiz, I.F. A hierarchical architecture for buffer management in integrated services networks 87859
Wei Yen *see* Akylidiz, I.F. 78202
Wei Yen *see* Yen Wei
Wei Yongzhong *see* Yongzhong Wei
Wei Yu *see* Wang Guangming 64986
Wei Yu *see* Yu Wei
Wei Yuelin *see* Dai Xiaofang 65565
Wei Yumei *see* Lin Xuanxiong 67595
Wei Yun Yau, Han Wang Uncalibrated hand-eye coordination 86681
Wei Yunrong *see* Dong Jinxing 65015
Wei Zaifu, Wang Runwen, Wang Zhijiang Numerical simulations of field distortions of unstable ring resonators with 90° beam rotation 65386
Wei Zhang A UTD-based propagation model for cellular mobile radio systems 97138
Wei Zhang, Doi, K., Giger, M.L., Nishikawa, R.M., Schmidt, R.A. An improved shift-invariant artificial neural network for computerized detection of clustered microcalcifications in digital mammograms 80212
Wei Zhang, Tervonen, J.K., Salonen, E.T. Backward and forward scattering by the melting layer composed of spheroidal hydrometeors at 5-100 GHz 107882
Wei Zhang, Titus Lo, Litva, J. Fractal modeling of forest surfaces for electromagnetic wave scattering research 85875
Wei Zhang *see* Bow, S.T. 77121
Wei Zhang *see* Inoue, A. 64274
Wei Zhang *see* Jiangling Zhang 115778
Wei Zhang *see* Zhang Wei
Wei Zhao, Papachristou, C.A. An evolution programming approach on multiple behaviors for the

design of application specific programmable processors 73413
Wei Zhao, Yanming Mi, Mianzeng Su, Zengfu Song, Zongju Xia Response time of photostimulated luminescence of $BaFX:Eu^{2+}$ and $BaFCl:Pr^{3+}$ under near-infrared light stimulation 95969
Wei Zhao *see* Fang Feng 87409
Wei Zhao *see* Kamat, S. 67782
Wei Zhao *see* Raha, A. 87723
Wei Zhao *see* Zhao Wei
Wei Zhengchao *see* Gu Chenglin 71281
Wei Zhenqian *see* Zhenqian Wei
Wei Zhiyi, Yu Zhenxin, Lee Wingkee, Yang Jie, Li Qi Generation of a 26 fs self-mode-locked Ti:sapphire laser 75875
Wei-Bo Gong *see* Hong Yang 77665
Wei-Chang Chen *see* Chen Wei-Chang
Wei-Chen Hsu *see* Ching-Her Lee 76543
Wei-Cheng Ku *see* Hsin-Chin Chang 88237
Wei-Chou Hsu *see* Lih-Wen Laih 84360
Wei-Chou Hsu *see* Ming-Jer Kao 95036
Wei-Chun Chou *see* Beerel, P.A. 113875
Wei-Chung Wang, Chi-Hung Hwang, Shu-Yu Lin Vibration measurement by the time-averaged electronic speckle pattern interferometry methods 100364
Wei-Da Hao, Jenq, Y.C. Quantile estimation by virtual probability method and application to waveform estimation with jitter noise 108388
Wei-Dong Liu Study of NMOSFET substrate current mechanisms in the temperature range of 77-295 K 84432
Wei-Dong Liu, Li Zhang, Wen-Liang Zhang Generalized low-temperature NMOSFET substrate current mechanism 106034
Wei-Dong Sheng *see* Jian-Bai Xia 74773
Wei-Feng Su, Sawchuk, A.A. Design of smart pixel interfaces for volume optical memories 84952
Wei-Feng Yu *see* Hua Fang 84212
Wei-Ge Chen, Giannakis, G.B., Nandhakumar, N. Spatiotemporal approach for time-varying global image motion estimation 108705
Wei-Ge Chen, Nandhakumar, N. A simple scheme for motion boundary detection 117601
Wei-Ge Chen, Nandhakumar, N., Martin, W.N. Image motion estimation from motion smear–a new computational model 66935
Wei-Guo Chen *see* Majeed, R.M. 78631
Wei-Han Chan *see* Yuan Tang 115216
Wei-Han Tan *see* Guo-Bin Ma 85355
Wei-Heng Chang *see* Chian-Gauh Shih 78928
Wei-Hsin Tseng *see* Ing-Chau Chang 87925
Wei-Hsiu Ma *see* Yen-Jen Lee 109217
Wei-I Lee, Ruey-Ling Young Defects and degradation in ZnO varistor 83551
Wei-I Lee *see* Jenn-Fang Chen 83859
Wei-Jen Lee, Jae-Hyeon Gim, Mo-Shing Chen, Shih-Ping Wang, Ren-Jun Li Development of a real time power system dynamic performance monitoring system 81187
Wei-Jen Yao *see* Kang-Ping Lin 90449
Wei-Jie Liu, Sugeno, M. A similarity measure of fuzzy attributed graphs and its application to object recognition 117694
Wei-Jing Shieh The operation and maintenance of Taipower's plant of Taipower 102423
Wei-Jing Shieh The operation and maintenance of hydro power plant of Taipower 102511
Wei-Ju Chang *see* Bey-Jsang Hsu 65859
Wei-Jun Wu *see* Bing-Zong Li 84209
Wei-Jun Wu *see* Hua Fang 84212
Wei-Kan Chu Hybrid superconductor magnet bearings 121434
Wei-Kan Chu *see* Zule Xia 71730
Wei-Kang Cheng, Sung-Moon Yang, Jiao, J. An optimal pulse-shaping filter design for multilevel QAM/QPR digital radio systems 114138
Wei-Kang Gu *see* Ling-Xiang Zhou 86866
Wei-Kuo Chen, Jehn Ou, Ching-Hao Hsu Effects of growth temperature on solid incorporation of $AlAs_{1-x}Sb_x$ using tertiarybutylarsine as arsenic source precursor 113373
Wei-Kuo Hong *see* Min-Hsuan Chen 77873
Wei-L Lee *see* Jenn-Fang Chen 74331
Wei-liang Li, Zhi-ren Qiu, Wen-ji Peng, Xu-guang Huang, Jian-ying Zhou, Zhen-xin Yu Femtosecond reflections of bulk GaAs and GaAs/AlGaAs multiple quantum wells 62748
Wei-Min Chen *see* Chen Wei-Min
Wei-Ming Dai, W. *see* Wei Hong 60654
Wei-Ming Dai Wayne *see* Wayne Wei-Ming Dai
Wei-Ming Ni *see* Yuanhua Deng 103785
Wei-Ming Zheng *see* Shi-Ming Zhou 84811
Wei-Nan Chang, Chi-Jui Wu Design and applications of a flicker voltage generator 81539
Wei-Nan Chang *see* San-Yi Lee 80824
Wei-Ning Huang *see* Bing-Zong Li 84209
Wei-Ning Huang *see* Hua Fang 84212
Wei-Pai Tang *see* Huosheng Sun 92611
Wei-Pang Yang *see* Chien-Yuan Chen 108133
Wei-Pang Yang *see* Shin-Jia Hwang 76726
Wei-Pang Yang *see* Shin-Jia Hwang 97437
Wei-Pang Yang *see* Shin-Jin Hwang 117176
Wei-Ping Huang *see* Little, B.E. 64874
Wei-Ping Huang *see* Little, B.E. 64879
Wei-Ping Wang, Tipper, D., Banerjee, S. A simple approximation for modeling nonstationary queues 87395
Wei-Ping Yang *see* Zhi-Yong Li 119688
Wei-Ping Zhu, Nakamura, S. An efficient approach for the synthesis of 2-D recursive fan filters using 1-D prototypes 62033
Wei-Qin Yang *see* Yang Wei-Qin
Wei-Rong Zhu *see* Shi-Ming Zhou 84811
Wei-Shin Lu *see* Jenn-Gwo Hwu 83999
Wei-Su Chen *see* Wan-Thai Hsu 74765
Wei-Sun Jiang *see* Jin-Sheng Gu 82369
Wei-Tek Tsai *see* Vishnuvajjala, R.V. 110922
Wei-Ting Kary Chien, Way Kuo A nonparametric approach to estimate system burn-in time 92341
Wei-Wei Xu *see* Kexi Xu 89100
Wei-Xin Ni *see* Wei Li 61188
Wei-Xing Zheng Fast convergence algorithms for the adaptive envelope-constrained filter design 114104
Wei-Xun Lin *see* Hong-Ying Wu 121773
Wei-Yung Hsu *see* Ting, L. 114985
Wei-Zhu Lin *see* Yu-Chuan Chen 116582
Weian Deng, Iyengar, S.S. A new probabilistic relaxation scheme and its application to edge detection 66936
Weian-Zhu *see* Youshu-Huang 89152
Weibing Fan *see* Fan Weibing
Weible, K.J. *see* Blattner, P. 88605
Weich, K. *see* Caspar, C. 109643
Weich, K. *see* Pieper, W. 88592
Weich, K. *see* Pieper, W. 88657
Weicheng Wang *see* Wang Weicheng
Weichi Chang *see* Ching-Cherng Sun 116778
Weichi Chang *see* Ming-Wen Chang 95655
Weiching Shen *see* Geng, Z.J. 117812
Weichman, L.S. *see* Brannon, P.J. 96215
Weichold, M.H. *see* Jessing, J.R. 73986
Weichold, M.H. *see* Jessing, J.R. 83695
Weichong Du, Tam, H.Y. Photochromic effect and spatial light modulation in spiro-oxazine dye-doped polymeric films 64609
Weichuan Lang *see* Lang Weichuan
Weichum Ye *see* Dahua Qin 115777
Weichun Ge *see* Ge Weichun
Weichun Ye, Jinyue Yu, Bingchu Cai The influence of domain activities on MR head performance 75258
Weick, B.L., Bhushan, B. Characterization of magnetic tapes and substrates 84833
Weickert, J. Foundations and applications of nonlinear anisotropic diffusion filtering 108463
Weid, J.P.von der *see* von der Weid, J.P.
Weidberg, A.R. *see* Beringer, J. 75766
Weide, K., Yu, X., Menhorn, F. Finite element investigations of mechanical stress in metallization structures 115031
Weidemann, A.D. *see* Haltrin, V.I. 107925
Weidemann, A.D. *see* Haltrin, V.I. 111262
Weidemann, A.W. *see* Chen, P. 69635
Weidemann, A.W. *see* Kwok, P. 89918
Weidemann, B. *see* Xiao, W. 71240
Weidman, D.J. *see* Murphy, D.P. 120044
Weidman, D.J. *see* Myers, M.C. 69670
Weidmann, R. Electricity suppliers commit themselves to energy savings amongst consumers 70708
Weidmann, R. *see* Eversheim, P.D. 120080
Weidmann, U. *see* Venz, H. 102384
Weidner, G., Kruger, D., Weidner, M., Grabolla, T. Nitrogen incorporation during N_2O and NO-oxidation of silicon at temperatures down to 600°C 105656
Weidner, H. *see* Park, K. 76002
Weidner, H.-J. Promotion of innovation and technology transfer in the new German Federal States 71970
Weidner, J.W. *see* Jain, M. 71658
Weidner, M. *see* Kuo, C. 83137
Weidner, M. *see* Maiti, B. 93486
Weidner, M. *see* Weidner, G. 105656
Weidong, L. *see* Enze, L. 73931
Weidong Chen, Lin, E. Route optimization and location updates for mobile hosts 87704
Weidong Hu *see* Hu Weidong
Weidong Liu *see* Liu Weidong
Weidong Qian, Tonghe Zhang, Hong Liang Growth and properties of $FeSi_2$ by MEVVA implantation and RTA 84244
Weidong Sheng *see* Sheng Weidong
Weidong Shi *see* Shi Weidong
Weidong Yu, Zhaoda Zhu, Xinggan Zhang, Jianxin Wang DSP implementation of motion compensation in airborne spotlight SAR 119312
Weidong Yu *see* Zhaodu Zhu 119313
Weifang Jin *see* Jin Weifang
Weifang Qin *see* Qin Weifang
Weigan Lin, Yung, E.K.N., Luk, K.M. Jacobian elliptic function solution of characteristics of rectangular groove wave-guide with rounded internal corners 97245
Weigan Lin *see* Jian Fang 76583
Weigan Lin *see* Xingling Zhou 85796
Weigand, P. *see* Cote, D. 106195
Weigand, R., Guerra, J.M. pH temporal jumps and spatial inhomogeneities in acid-base dye lasers 116397
Weigel, E., Mueller-Vogt, G. Comparison of Bridgman and THM method regarding the effect of In doping and distribution of Zn in CdTe 92670
Weigel, G. New Francis units for the renovation of the Hemfurth I powerplant 102503
Weigel, K., Warth, M., Hirche, K., Heime, K. Degradation effects and stabilization of InAlAs/InGaAs-HFETs 106073
Weigel, R., Knorr, C., Wagner, K.C., Reindl, L., Seifert, F. MSK SAW tapped delay lines on $LiTaO_3$ with moderate processing gain for CDMA indoor and mobile radio applications 109397
Weigel, R., Weigenthaler, K., Dill, R., Schropp, L A 900 MHz ladder-type SAW filter duplexer 88232
Weigel, R. *see* Holm, A. 95329
Weigel, R. *see* Lindenmeier, S. 85910
Weigel, R. *see* Rosler, U. 106424
Weigel, R. *see* Sinnesbichler, F. 93537
Weigel, R. *see* Zhongping Zhang 119085
Weigend, A.S. *see* McCabe, T.M. 108364
Weigenthaler, K. *see* Weigel, R. 88232
Weigi, B. *see* Schmid, W. 107309
Weigl, B., Grabherr, M., Michalzik, R., Reiner, G., Ebeling, K.J. High-power single-mode selectively oxidized vertical-cavity surface-emitting lasers 85523
Weigl, B., Reiner, G., Grabherr, M., Ebeling, K.J. High-power selectively oxidized vertical-cavity surface-emitting lasers 107285
Weigl, B., Reiner, G., Grabherr, M., Ebeling, K.J. Oxidised GaAs QW vertical-cavity lasers with 40% power conversion efficiency 107301
Weigl, B. *see* Grabherr, M. 107247
Weigl, B. *see* Horsch, I. 65219
Weigl, B.H. *see* Lippitsch, M.E. 101083
Weiglhofer, W.S. *see* Hillion, P. 107731
Weiglhofer, W.S. *see* Lakhtakia, A. 65652
Weiglhofer, W.S. *see* Lakhtakia, A. 76115
Weiguang Hou *see* Kwon, H.M. 78360
Weiguo Li *see* Li Weiguo
Weiguo Wang *see* Deng, R.H. 76765
Weiguo Wang *see* Lazar, A.A. 117981
Weiguo Wang *see* Sahai, A. 78174
Weih, D.T., Greenstreet, M.R. Verification of speed-independent data-path circuits 113904
Weihan Tan *see* Tan Weihan
Weihan Wu, He Jinliang, Gao Yuming, Zhang Ji The finite element method in calculating thermal properties of arrester and its heat dispersion characteristics 70989
Weihan Wu *see* Wu Weihan
Weihmann, T. *see* Negreiros, M. 97597
Weihnacht, M. *see* Balashova, E.V. 106323
Weihnacht, M. *see* Martin, G. 90858
Weihnacht, M. *see* Martin, G. 106432
Weihnacht, M. *see* Mozhaev, V.G. 106322
Weihnacht, M. *see* Schmidt, H. 106892
Weihreter, E. *see* Knuth, T. 89788
Weihreter, E. *see* Schirmer, D. 100709
Weihua Liu *see* Liu Weihua
Weihua Shi *see* Kunji Chen 94532
Weihua Shi *see* Xinfan Huang 62883
Weihua Zhuang An improved hybrid PN code acquisition for CDMA personal wireless communications 99173
Weihua Zhuang *see* Yuk-Lun Chan 108116
Weihui Fu *see* Fu Weihui
Weihui Su *see* Su Weihui
Weijde, P.J.van der *see* van der Weijde, P.J.
Weijia Jia, Jiannon Cao, Nett, E., Kaiser, J. Verifications of RMP: an efficient reliable multicast protocol 77752
Weijia Jia, Jiannong Cao, To-Yat Cheung A multicast protocol based on a single logical ring using a virtual token and logical clocks 98503
Weijian Lu, Milic, D., Hoogerland, M.D., Jacka, M., Baldwin, K.G.H., Buckman, S.J. A practical direct current discharge helium absorption cell for laser frequency locking at 1083 nm 116596
Weijian Zheng *see* Zheng Weijian
Weijiang, Z. *see* Shujun, X. 78992
Weijing Li *see* Tansel, I. 79239
Weijman, R.M.M. *see* Urbanus, W.H. 96085
Weijsi, W.A. *see* Turkawski, S.J.J. 120265
Weijun He *see* He Weijun
Weijun Ji *see* Venkatasubramanian, V. 120966
Weijun Shen *see* McIntyre, P.M. 100461
Weikai Sun, Dai, W.W.-M., Wei Hong Fast parameters extraction of general three-dimension interconnects using geometry independent measured equation of invariance 82858
Weikai Sun *see* Wei Hong 60654
Weikle, R.M., II Quasi-optical grid amplifiers and oscillators 83523
Weil, B. *see* Baron, C. 98747
Weil, R. *see* Benguigui, L. 94324
Weiland, L.H. *see* Hess, C. 63430
Weiland, L.H. *see* Hess, C. 115287
Weiland, T. Low impedance vacuum chambers 79792
Weiland, T. Time domain electromagnetic field computation with finite difference methods 96887
Weiland, T. *see* Bartsch, M. 65647
Weiland, T. *see* Becker, U. 74070
Weiland, T. *see* Becker, U. 83763
Weiland, T. *see* Ehmann, R. 65955
Weiland, T. *see* Ehmann, R. 108040
Weiland, T. *see* Gutschling, S. 70270
Weiland, T. *see* Hahne, P. 64467
Weiland, T. *see* Heifets, S. 89624
Weiland, T. *see* Ko, K. 105049
Weiland, T. *see* Krietenstein, B. 89661
Weiland, T. *see* Krietenstein, B. 94187
Weiland, T. *see* Min Zhang 69663
Weiland, T. *see* Ng, C.-K. 100544
Weiland, T. *see* Thoma, P. 62228
Weiland, T. *see* Thoma, P. 113241
Weiland, T. *see* Thoma, P. 113263

Weiland, T. *see* van Rienen, U. 70953
Weiland, T. *see* van Rienen, U. 102224
Weiland, T. *see* van Rienen, U. 107699
Weiland, T.L. *see* Ehrlich, R.B. 85422
Weiland, T.L. *see* Pennington, D.M. 85424
Weile, D.S., Michielssen, E. Integer coded Pareto genetic algorithm design of constrained antenna arrays 108076
Weile, D.S., Michielssen, E., Goldberg, D.E. Genetic algorithm design of Pareto optimal broadband microwave absorbers 107842
Weilhammer, P. *see* Colledani, C. 69807
Weili Yan *see* Liyun Rao 65748
Weili Yan *see* Liyun Rao 107716
Weili Yan *see* Yan Weili
Weili Zhong, Liu, W.-H.E. Application of a fuzzy set method in distribution system fault location 121115
Weilian Guo *see* Shurong Li 94914
Weilian Guo *see* Guo Weilian
Weilian Zhang *see* Zhang Weilian
Weilin Wu *see* Wu Weilin
Weill, A. *see* Andre, S. 105818
Weill, L.R. The likelihood function method for optimal GPS positioning, pointing, and attitude determination 79049
Weiluan Ma *see* Liu, W.K. 82692
Weimann, G. *see* Chertouk, M. 62299
Weimann, G. *see* Dollinger, F. 95726
Weimann, G. *see* Eder, C. 105311
Weimann, G. *see* Gornik, E. 62872
Weimann, G. *see* Heiss, H. 104833
Weimann, G. *see* Kraus, S. 95070
Weimann, G. *see* Leitenstorfer, A. 62762
Weimann, G. *see* Manolescu, A. 105282
Weimann, G. *see* Meisels, R. 105249
Weimann, G. *see* Nagasawa, H. 63562
Weimann, G. *see* Robkopf, V. 62995
Weimann, G. *see* Rosskopf, V. 74453
Weimann, G. *see* Schmeller, A. 62920
Weimann, G. *see* Smet, J.H. 105235
Weimann, G. *see* Smoliner, J. 105386
Weimann, G. *see* Torabi, B. 107282
Weimann, T. *see* Kuzmin, L.S. 63815
Weimann, T. *see* Zorin, A.B. 74776
Weimar, U. *see* Zheng, J.G. 74278
Weimin Han On the numerical approximation of a frictional contact problem with normal compliance 82519
Weimin Jin *see* Jin Weimin
Weimin Lin *see* Lin Weimin
Weimin Liu *see* Liu Weimin
Weimin Sha *see* Sha Weimin
Weimin Sun, Kefeng Liu, Balanis, C.A. Analysis of singly and doubly periodic absorbers by frequency-domain finite-difference method 76368
Weimin Sun *see* Sun Weimin
Weimin Xiao *see* Xiao Weimin
Weimin Yu, Cox, A. Conservative garbage collection on distributed shared memory systems 87417
Weimin Yun, Yugeng Xi The analysis on running mechanism of genetic algorithm 103680
Weiming Zhao *see* Zhao Weiming
Wein, L.M. *see* Jihong Su 60662
Wein, L.M. *see* Longtin, M.D. 60661
Weinan Gao, Snelgrove, W.M., Kovacic, S.J. A 5-GHz SiGe HBT return-to-zero comparator for RF A/D conversion 114022
Weinberg, I. *see* Rybicki, G. 71709
Weinberg, I.N. *see* Thompson, C.J. 101124
Weinberg, J. *see* Bane, K. 89979
Weinberg, J. *see* Fieguth, T. 100708
Weinberg, W.H. *see* Meng, B. 113392
Weinberg, W.H. *see* Yi, S.I. 94218
Weinberger, E. *see* Murakami, J.W. 70014
Weinberger, K., Lammermann, L. MP 150A mobile multiband marshalling radio set [railways] 88299
Weinberger, M. *see* Seroussi, G. 66440
Weinberger, M.J., Seroussi, G., Sapiro, G. LOCO-I: a low complexity, context-based, lossless image compression algorithm 86727
Weiner, A.M. *see* Chang, C.-C. 99491
Weiner, A.M. *see* Mahoney, K.M. 76092
Weiner, D., Levinson, A. An optimal operation design of a photovoltaic DC motor coupled water pumping system 71957
Weiner, D.D. *see* Barnard, T.J. 119325
Weiner, D.D. *see* Ozturk, A. 78970
Weiner, K.H. *see* Kramer, K.-J. 105579
Weiner, M. *see* Kingsley, L.E. 101634
Weiner, M.W. *see* Haupt, C.I. 70091
Weiner, N. *see* Parsi, K. 75263
Weiner, R.D. *see* Krystal, A.D. 110855
Weiner, S.R. *see* Kim, K.S. 75427
Weiner, S.T. Electronic resources in science and technology: Gopher and its future 98716
Weinerman, A. *see* Maruyama, K. 100989
Weinert, A.K. *see* Lage, J.L. 92265
Weinert, C.M. Design of fiber-matched uncladded rib waveguides on InP with polarization-independent mode matching loss of 1 dB 85026
Weinert, C.M. *see* Albrecht, P. 75501
Weinert, C.M. *see* Haes, J. 76540
Weinert, C.M. *see* Jahn, E. 96072
Weinert, C.M. *see* van Dam, C. 106833
Weinert, K. *see* Seibold, S. 92990
Weinfurter, H., Mattle, K., Kwiat, P.G., Zeilinger, A. Experimental quantum communication 117115
Weinfurter, H. *see* Mattle, K. 76680
Weingart, F., Brodt, G., Lehner, A. AB-block copolymers as dispersants in magnetic coating formulations 106489
Weingarten, K.J. *see* Fluck, R. 107222
Weingarten, K.J. *see* Kopf, D. 96227
Weingarten, W. Progress in thin film techniques 119981
Weingarten, W. *see* Chiaveri, E. 100417
Weingartner, K. *see* Voegele, K. 87734
Weingartner, T., Dillmann, R. Split-and-merge segmentation using octrees 86802
Weinger, A.M., Sadchikov, K.G., Potoskuev, S.U. The structure of universal microprocessor device for automatically guided AC drives 71744
Weinheimer, C. *see* Annis, P. 80121
Weinhoffer, M. *see* Roy, P.K. 84130
Weinhold, M., Powell, D.J. High speed laser ablation of microvia holes in non-woven aramid reinforced printed wiring boards to reduce cost 62484
Weinhold, M. *see* Povh, D. 111560
Weining Li *see* Li Weining
Weining Zeng, Moon, J. Decision feedback equalizer with pattern dependent dynamic threshold 84830
Weinmann, M. *see* Reuther, H.M. 63989
Weinmann, R., Baums, D., Cebulla, U., Haisch, H., Kaiser, D., Kuhn, E., Lach, E., Satzke, K., Weber, J., Wiedemann, P., Zielinski, E. Polarization-independent and ultra-high bandwidth electroabsorption modulator in multiquantum-well deep-ridge waveguide technology 75597
Weinmann, R. *see* Klenk, M. 96423
Weinmuller, K. *see* Hotzl, H. 70296
Weinreb, S. MMIC millimeter-wave focal-plane arrays 68803
Weinreb, S. *see* De Lisio, M.P. 93791
Weinreb, S. *see* Edward, B.J. 76652
Weinreb, S. *see* Sowers, J. 97367
Weinreb, S. *see* Vaughan, M.J. 83489
Weinrib, A. Towards true community networking: platforms and networking 119479
Weinrichter, H. *see* Nguyen-Phi, K. 108561
Weinshall, D., Werman, M., Gdalyahu, Y. Canonical views, or the stability and likelihood of images of 3D objects 77310
Weinshall, D., Werman, M., Shashua, A. Duality of multi-point and multi-frame geometry: Fundamental shape matrices and tensors 67291
Weinshall, D. *see* Basri, R. 66940
Weinshall, D. *see* Gdalyahu, Y. 67298
Weinshall, D. *see* Werman, M. 67274
Weinstein, A. *see* Chan, A. 89594
Weinstein, E. *see* Shalvi, O. 97786
Weinstein, J. *see* Lawson, W. 62614
Weinstein, R., Yanru Ren, Jianxiong Liu, Sawh, R., Parks, D., Foster, C., Obot, V., Arndt, G.D., Crapo, A. Progress in HTS trapped field magnets: J_c, area, and applications 115967
Weinstein, S. *see* Kolarov, A. 78250
Weinstein, S. *see* Michelitsch, G. 118618
Weinstock, D. *see* Zuckerberger, A. 102842
Weiping Dong *see* Mainsah, E. 79706
Weiping Jiang *see* Jiang Weiping
Weiping Shi *see* Peichen Pan 73863
Weiping Zhang *see* Qianwang Chen 74259
Weiping Zhao, Runggeratigul, S., Asano, S. An admission procedure based on the virtual bandwidth of calls 117967
Weiping Zhu, Socko, P. Migration impact on load balancing–an experience on Amoeba 109102
Weiqi, J., Liwei, Z., Guoqiang, N. Electrostatic and magnetic imaging with any specified image rotation 77185
Weiqi Jin *see* Jin Weiqi
Weiqi Wang *see* Gang Ou 66902
Weiqing Xu *see* Xu Weiqing
Weiqun Meng *see* Meng Weiqun
Weir, B. *see* Jeffery, P. 61996
Weir, D.G. *see* Hoke, W.E. 84484
Weir, N. *see* de Carvalho, R.R. 77082
Weiran Lou, Welch, J.J. Measurement of electric field uniformity in an electrostatic separator 85808
Weiren Liu *see* Liu Weiren
Weis, D. Testing of breakers, disconnecters and earthing switches in an enclosed environment 121784
Weis, J. *see* Haug, R.J. 62873
Weis, R.S. *see* Beadle, B.M. 85028
Weisbrich, A.L., Ostrow, S.L., Padalino, J.P. WARP: a modular wind power system for distributed electric utility application 102530
Weisbuch, C. Electron vs photon quantization: physics, applications 62869
Weisbuch, C. The development of concepts in light-emitting devices 85473
Weisbuch, C. *see* Berger, V. 82596
Weisbuch, C. *see* Stanley, R.P. 62860
Weise, H. The TESLA Test Facility (TTF) linac–a status report 89657
Weise, H. *see* Limberg, T. 96535
Weisenberger, W. *see* Heden, C. 63265
Weisend, J., II *see* Burgett, W. 79856
Weisend, J.G. *see* Datksov, V.I. 100427
Weiser, A. *see* Tapia, R. 103763
Weiser, K., Dahan, F., Schacham, S.E., Shur, M., Towe, E., Park, H. Laser beam interference effects on the photovoltage of a *p-n* junction diode 116226
Weiser, K. *see* Zelikson, M. 95711
Weiser, M.W., Kern, J.A., Drewien, C.A., Yost, F.G., Sackinger, S.J. High temperature solder alloys for underhood applications. I. Wetting of metallized alumina 82192
Weiser, M.W. *see* Kern, J.A. 92947
Weiser, P.S., Prawer, S., Nugent, K.W., Bettiol, A.A., Kostidis, L.I., Jamieson, D.N. Homo-epitaxial diamond film growth on ion implanted diamond substrates 72828
Weisfield, R. *see* Street, R.A. 100144
Weisfield, R. *see* Wu, X.D. 100103
Weisfield, R.L. *see* Schiff, E.A. 99950
Weishart, H., Matz, W., Skorupa, W. Ion beam synthesis by high dose tungsten implantation into 6H-silicon carbide 105592
Weishart, H., Steffen, H.J., Matz, W., Voelskow, M., Skorupa, W. Ion beam synthesis by tungsten-implantation into 6H-silicon carbide 94713
Weishi Huang *see* Huang Weishi
Weishi Wan, Berz, M. A proof of principle of a storage ring with fifth-order achromatic bending arcs 89955
Weishi Wan, Berz, M. Analytical theory of arbitrary-order achromats 120023
Weishu Wu, Pochi Yeh Multiwavelength optical information processing 85221
Weishu Wu *see* Changxi Yang 106902
Weisiger, D. Scale-up considerations: pilot to commercial scale 112361
Weiske, C. *see* Gottwald, E. 119203
Weiske, C.-J. *see* da Silva, V.L. 88630
Weiske, C.-J. *see* Schopflin, A. 119208
Weisman, D.L. *see* Sappington, D.E.M. 108890
Weisman, D.L. *see* Sappington, D.E.M. 118192
Weismann, D. *see* Sun, C.J. 94321
Weismantel, R. *see* Grotschel, M. 60877
Weismantel, R. *see* Thomas, R.R. 113167
Weiss, A.J., Friedlander, B. "Almost blind" steering vector estimation using second-order moments 66713
Weiss, A.J., Friedlander, B. DOA and steering vector estimation using a partially calibrated array 86274
Weiss, A.J., Friedlander, B. Array processing using joint diagonalization 97728
Weiss, A.J., Friedlander, B. Direction finding via joint diagonalization 117479
Weiss, A.J. *see* Gavish, M. 76634
Weiss, A.J. *see* Sheinvald, J. 117317
Weiss, A.J. *see* Wax, M. 77036
Weiss, A.K. *see* Ricciatti, R.L. 110376
Weiss, B. *see* Gfeller, F. 118401
Weiss, B. *see* Haspel, M. 97433
Weiss, B.-Z. *see* Levit, M. 83974
Weiss, B.D. Technology transfer from the ivory tower to the marketplace 113054
Weiss, B.L. *see* Lea, E. 95767
Weiss, B.L. *see* Li, E.H. 94502
Weiss, B.L. *see* Thompson, C. 64755
Weiss, C., Riedel, S., Hagenauer, J. Sequential decoding using a priori information 76780
Weiss, C.O. *see* Heckenberg, N.R. 116697
Weiss, C.O. *see* Malos, J.T. 85560
Weiss, D. *see* Lutjering, G. 105420
Weiss, D. *see* Lutjering, G. 105431
Weiss, D. *see* Manolescu, A. 105282
Weiss, D. *see* Smet, J.H. 105235
Weiss, D. *see* Tornow, M. 62993
Weiss, D. *see* Tornow, M. 74452
Weiss, D. *see* Ye, P.D. 105261
Weiss, F.-P. *see* Hessel, G. 111744
Weiss, G. Experiences in operation of connected systems of electricity-district heating-gas distribution 121042
Weiss, G. *see* Kaatze, U. 70564
Weiss, H. *see* Buchkremer-Hermanns, H. 72920
Weiss, I. Physics-like invariants for vision 77172
Weiss, I. *see* Doermann, D. 108486
Weiss, J. Using interconnect synthesis technology for high speed design [PCBs] 94015
Weiss, J., Majoux, B., Bouvier, G. A very high gain bandwidth product fully differential amplifier 93159
Weiss, J. *see* Narendran, N. 81180
Weiss, J.A. *see* Dionne, G.F. 93698
Weiss, J.D., Lopez, S.S., Howard, A.J. Gallium arsenide as an optical strain gauge 69210
Weiss, J.L. *see* Azhari, H. 70046
Weiss, J.M. *see* Morey, W.W. 79479
Weiss, J.W. *see* Katz, R.A. 69928
Weiss, M. Fundamentals of ion linacs 69618
Weiss, M. Matching accelerators to the task 69964
Weiss, M., Evans, C., Rees, D., Jones, L. Structure identification of block-oriented nonlinear systems using periodic test signals 108269
Weiss, M. *see* Evans, C. 66673
Weiss, M.B.H. *see* Lehr, W.H. 67787
Weiss, M.N., Srivastava, R., Groger, H. Theoretical and experimental investigations of surface plasmon waveguide structures for sensing applications 99929
Weiss, M.N., Srivastava, R., Groger, H., Lo, P., Shu-Fang Luo A theoretical investigation of environmental monitoring using surface plasmon resonance waveguide sensors 79321
Weiss, P.S. *see* Bumm, L.A. 73894
Weiss, R. 16-bit microcontrollers take over from 8-bitters 73402
Weiss, R. Eight-bit micros bulk up to meet tougher applications 73409

Weiss, R. *see* Ginthor-Kalcsics, R. 93417
Weiss, R. *see* Goessling, C. 110549
Weiss, R. *see* Ravela, S. 77324
Weiss, R. *see* Richter, R.H. 110564
Weiss, R. *see* Riseman, E.M. 67470
Weiss, R. *see* Steger, C. 93430
Weiss, R. *see* Yuan, V.W. 89733
Weiss, R. *see* Zhongfei Zhang 77322
Weiss, R.E. *see* Davis, G.A. 75722
Weiss, R.E. *see* Davis, G.A. 110161
Weiss, S., Aust, E.F., Meyer, W.H., Knoll, W. Novel polymeric materials, architectures, and characterization techniques for integrated linear and nonlinear optics 85677
Weiss, S. *see* Hedin, R. 70777
Weiss, S. *see* Renz, K.W. 91098
Weiss, S.J., Kahn, W.K. Measurement of simple resonant equivalent circuits for microstrip antennas 97331
Weiss, S.T. *see* Werthen, J.G. 121263
Weiss, T. *see* Rickert, J. 79569
Weiss, U. *see* Koch, N. 80129
Weiss, V., Millul, E., Friesem, A.A. Photopolymeric holographic recording media: in-situ and real-time characterization 96812
Weiss, Y. *see* Eran, Y. 67951
Weissberger, A.J. Videoconferencing on LANs: Issues and proposals 78129
Weissbrodt, P. *see* Bodemann, A. 107464
Weissbrodt, P. *see* Eva, E. 116187
Weisse, E. *see* Dehning, B. 79949
Weisse, E. *see* Zazula, J.M. 100424
Weissenbacher, M. *see* Kordesch, K. 112233
Weisser, D.C. The Superconducting Linac Booster at the ANU 79788
Weisser, S. *see* Czotscher, K. 107237
Weisser, S. *see* Esquivias, I. 107229
Weisser, S. *see* Esquivias, I. 107311
Weisser, S. *see* Ralston, J.D. 96305
Weisser, S. *see* Schonfelder, A. 85486
Weisshaar, A., Mongiardo, M., Tripathi, A., Tripathi, V.K. CAD-oriented equivalent circuit models for rigorous full-wave analysis and design of waveguide components and circuits 93714
Weisshaar, A. *see* Li, J. 85925
Weisshaar, A. *see* Masot, F. 95816
Weisshaar, A. *see* Remley, K.A. 95713
Weisshaar, A. *see* Remley, K.A. 99952
Weisshardt, A. *see* Schuster, T. 106674
Weisshaus, I. *see* Ebutt, R. 95108
Weisskoff, R. *see* Kumar, R. 69937
Weissman, D.E., Plant, W.J., Keller, W.C., Hesany, V. Spatial variations of microwave backscatter magnitude and angular distribution: response of the short waves to wind and surface changes 111233
Weissman, D.E., Plant, W.J., Stolte, S. Response of microwave cross sections of the sea to wind fluctuations 120741
Weissman, D.E. *see* Le Vine, D.M. 111177
Weissman, I. *see* Mengeritsky, E. 102950
Weissman, J.B., Grimshaw, A.S. A federated model for scheduling in wide-area systems 109103
Weissman, M.A. *see* Carter, W.J. 98215
Weissman, R.H. Manufacturing and packaging of optoelectronic components 72275
Weissmantel, S. *see* Reisse, G. 107461
Weissmuller, G., Worch, M. Profitability improvement in electricity distribution networks through monitoring the utilisation of power cable systems 81039
Weisssieker, H. Monitoring and quality assurance [clean rooms] 92295
Weisstein, E.W. *see* Serabyn, E. 88793
Weist, H.-J. *see* Pempe, M. 67645
Weisz, J. On an iterative method for the solution of discretized elliptic problems with imperfect contact condition 92620
Weisz, S. *see* Dehning, B. 79949
Weisz, S. *see* Scandale, W. 89825
Weisz, S.Z. *see* Lubianiker, Y. 62673
Weisz, S.Z. *see* Savir, E. 114571
Weitang Li, Zhenghui Li, Shifu Zhu, Shujun Yin, Beijun Zhao, Guanxiong Chen, Shi Yin, Hong Yuan, Huapeng Xu Mercuric iodide single crystals for nuclear radiation detectors 80061
Weitang Li, Zhenghui Li, Shifu Zhu, Shujun Yin, Beijun Zhao, Guanxiong Chen, Shi Yin, Hong Yuan, Huapeng Xu Mercuric iodide single crystal for nuclear radiation detectors 100828
Weitering, H.H., Sullivan, J.P., Carolissen, R.J., Perez-Sandoz, R., Graham, W.R., Tung, R.T. Inhomogeneous Schottky barriers at Ag/Si(111)and Ag/Si(100) interfaces 74456
Weitian Wang *see* Guo, C.S. 116749
Weitkamp, C. *see* Reichardt, J. 80658
Weitkamp, C. *see* Taucher, F. 69558
Weitkamp, W.G., Corcoran, D.T., Harper, G.C., Howe, M.A., Linder, C.E., Myers, A.W., Van Wechel, T.D. Operating experience with the upgraded UW tandem 79785
Weitman, I. Types of outsource providers available to companies 60512
Weits, H.H., Knippels, G.M.H., van Werkhoven, G.H.C., Oepts, D., van Amersfoort, P.W. Influence of the cavity geometry on the micropulse output of FELIX in the limit-cycle regime 96481
Weitz, G.C. Recommendations for the evaluation of alternative solvents used for electrical cable cleaning 121174
Weitzel, C.E. Wide bandgap semiconductor RF MESFET power densities 106093
Weitzel, C.E., Palmour, J.W., Carter, C.H., Jr., Moore, K., Nordquist, K.K., Allen, S., Thero, C., Bhatnagar, M. Silicon carbide high-power devices 105835
Weitzel, C.E. *see* Allen, S.T. 62273
Weitzel, C.E. *see* Allen, S.T. 83381
Weitzel, C.E. *see* Allen, S.T. 106039
Weitzel, S. *see* Sanchez, H. 73466
Weitzen, J.A., Carroll, J.V., Rome, H.J. RAIM availability of GPS augmented with Loran-C and barometric altimeter for use in nonprecision approach 119336
Weitzen, J.A. *see* Cannon, P.S. 116900
Weitzmann, P. *see* Carr, K.F. 112378
Weixelbaum, L. *see* Beister, G. 96380
Weixiang Wang *see* Wang Weixiang
Weixin Gai, Hongyi Chen A current-mode analog multiplier based on translinear principle 83262
Weixin Gai *see* Gai Weixin
Weixin Ling *see* Ling Weixin
Weixin Ma *see* Ma Weixin
Weixin Xie *see* Xie Weixin
Weixing Lu *see* Fang Ming 80827
Weixing Lu *see* Lu Weixing
Weixiu Du *see* Zhen-Liang Shi 67558
Weixuan Xu, Ruigang Wang Applications and development of industrial engineering in China 112805
Weixue Lu *see* Lu Weixue
Weixun Fan *see* Fan Weixun
Weiyi Jia *see* Huimin Liu 85658
Weiying Li *see* Kechu Yi 76886
Weiying Li *see* Li Weiying
Weiyong Xu *see* Xu Weiyong
Weiyou, C. *see* Yuheng, P. 65195
Weiyou Chen *see* Chen Weiyou
Weiyuan Chen *see* Chen Weiyuan
Weiyuan Wang *see* Wang Weiyuan
Weiyun Chen *see* Chen Weiyun
Weizer, V.G., Fatemi, N.S. A unique, device-friendly contact system for shallow junction p/n indium phosphide devices 63437
Weizhao Lu *see* Wai-Hoi Wong 90345
Weizhao Lu *see* Wai-Hoi Wong 101103
Weizhao Lu *see* Wai-Hoi Wong 101115
Weizhong Cao *see* Cao Weizhong
Weizhong Tang *see* Jianjun Ma 110178
Weizhong Tang *see* Tang Weizhong
Weizhu Lin, Wenji Pen, Geng Xu, Zhongling Pen, Shixin Yuan Ultrafast exciton trapping in Te-barrier-doped ZnSe:Te/(CdSe)$_m$(ZnSe)$_n$ short period superlattice quantum wells 105318
Weizhu Lin *see* Tianshu Lai 96803
Weizhu Lin *see* Lin Weizhu
Weizman, Y. *see* Horowitz, Y.S. 69870
Wekesah, C.W. *see* Ijumba, N.M. 102522
Wel, W.van der *see* van der Wel, W.
Welaratna, S. Sine language [vibration controller design] 92157
Welborn, M.L., Reed, J.H. Co-channel interference rejection using a model-based demodulator for AMPS and NAMPS 118888
Welch, A., Clack, R., Gullberg, G.T., Natterer, F. Accurate attenuation correction in SPECT without transmission measurements 101096
Welch, A.J. *see* Nemati, B. 101411
Welch, A.J. *see* van Gemert, M.J.C. 101418
Welch, D. *see* Major, J. 65251
Welch, D.F. *see* Balakrishnan, A. 96647
Welch, D.F. *see* Dzurko, K.M. 65310
Welch, D.F. *see* Geels, R.S. 65253
Welch, D.F. *see* Grubb, S.G. 65109
Welch, D.F. *see* Gulgazov, V. 116527
Welch, D.F. *see* Lang, R.J. 75995
Welch, D.F. *see* Sanders, S. 65110
Welch, D.F. *see* Sanders, S. 65502
Welch, D.F. *see* Verdiell, J.-M. 68412
Welch, D.F. *see* Verdiell, J.-M. 107302
Welch, D.F. *see* Verdiell, J.-M. 109610
Welch, D.F. *see* Verdiell, J.M. 85477
Welch, D.F. *see* Waarts, R.G. 100193
Welch, D.O. *see* Lewis, L.H. 64315
Welch, D.O. *see* Lewis, L.H. 84837
Welch, D.O. *see* Nguyen, T.D. 64473
Welch, D.R. *see* Hanson, D.L. 110514
Welch, D.R. *see* Menge, P.R. 120122
Welch, E. *see* McLoskey, D. 89144
Welch, J. *see* Padamsee, H. 100471
Welch, J. *see* Temnykh, A. 120018
Welch, J.J. Betatron transients caused by rapid changes in the closed orbit 90000
Welch, J.J. *see* Temnykh, A.B. 100633
Welch, J.J. *see* Weiran Lou 85808
Welch, J.L. *see* Dolev, S. 87664
Welch, K.M. Acquisition of reliable vacuum hardware for large accelerator systems 100421
Welch, L.R. *see* Yang, Y. 66729
Welch, L.S. Information behaviour and internationalization 72183
Welch, M. *see* Hongching Shan 63334
Welch, M.E., Luscher, P.E., Sui, Z., Lee, B. Breaking the 0.5 percent exposed area etch endpoint barrier 114921
Welch, P. *see* Huang, W.M. 106248
Welch, P. *see* Neugroschel, A. 74706
Welch, R.H., Jr., Sitkins, F. Continuous and intermittent torque available from a servo motor. I. Calculation and interpretation 112018
Welch, R.H., Jr., Sitkins, F. Dynamic braking in a permanent magnet DC motor. I. Brush DC motor 121511
Welch, W.H. *see* Feldman, M.R. 76292
Welch, W.H. *see* Te Kolste, R.D. 72268
Weld, J.D. *see* Suhir, E. 112933
Weld, J.P.von der *see* von der Weld, J.P.
Weldon, T. Content-addressable memories add processing power to embedded systems 83104
Welfert, B. *see* Kitsios, K. 117478
Welfonder, E. *see* Spanner, M. 71195
Welfonder, T. *see* Mohr, P. 122108
Welham, C.J., Gardner, J.W., Greenwood, J. A laterally driven micromachined resonant pressure sensor 88978
Weling, A.S. *see* Nahata, A. 116117
Weling, M., Drill, C. Optimization of a chemical mechanical polishing process for dielectric planarization 63362
Weling, M., Gabriel, C. Investigation of undesirable film deposition in contacts during contact etch 63358
Welipitiya, D., He, Y.L., Jiandi Zhang, Oden, P.I., Thundat, T., Warmack, R.J., Gobulukoglu, I., Shan, Z.S., Sellmyer, D.J., Dowben, P.A. Fabrication of large arrays of micron-scale magnetic features by selective area organometallic chemical vapor deposition 92873
Welke, A. *see* Brennan, P. 70896
Welker, D., Kuzyk, M. Smart mesoscopic photomechanical positioner/actuator, sensor, and all-optical logic unit 106279
Welker, D.J., Kuzyk, M.G. All-optical devices in polymer optical fiber 89119
Welker, D.J., Kuzyk, M.G. All-optical switching in a dye-doped polymer fiber Fabry-Perot waveguide 106901
Welland, D.R. *see* Tuttle, G.T. 75262
Welland, M.E. *see* O'Shea, S.J. 79722
Wellekens, D. *see* Van Houdt, J. 83117
Wellens, C., Auerbach, K. Towards useful management 118370
Weller, B.R.C. *see* Diston, D.J. 120935
Weller, D. *see* Heidmann, J. 84779
Weller, D. *see* Kleinefeld, T. 64226
Weller, D. *see* Valentin, J. 64299
Weller, H.R. *see* Carman, T.S. 110634
Weller, H.R. *see* O'Shea, P.G. 107380
Weller, H.R. *see* Schmid, G.J. 120215
Weller, I.M., Katehi, L.P.B. Compact stubs for micromachined coplanar waveguide 114200
Weller, S.W. *see* Moore, M.L. 116175
Weller, T.M., Katehi, L.P.B. A millimeter-wave micromachined lowpass filter using lumped elements 83324
Weller, T.M., Katehi, L.P.B., Herman, M.I., Wamhof, P.D., Lee, K., Kolawa, E.A., Tai, B.H. New results using membrane-supported circuits: a Ka-band power amplifier and survivability testing 104870
Weller, T.M. *see* Drayton, R.F. 93898
Weller, T.M. *see* Whitaker, J.F. 93664
Wellhofer, F. *see* Powell, J.R. 62165
Welling, H. *see* Golla, D. 96199
Welling, H. *see* Wandt, D. 107255
Welling, I. *see* Olsen, B.T. 98910
Wellinghausen, A. *see* Albers, D. 69756
Wellings, A. *see* Sijing Zhang 87794
Wellings, A. *see* Tindell, K. 98730
Wellington, A.M. Direct current injection as a method of simulating high intensity radiated fields (HIRF) 76495
Wells, C.P. *see* Che, F.N. 80331
Wells, D. The new route to ATM internetworking 98981
Wells, D.C. Visualization of GBT geometry 79093
Wells, F.V. *see* Rodriguez, R. 119588
Wells, G., Pramanick, P. An accurate dispersion expression for shielded microstrip lines 65929
Wells, J.S. *see* Pfister, O. 107612
Wells, K. *see* Lincoln, I. 112991
Wells, K. *see* MacDonald, J.H. 101335
Wells, K. *see* Ott, R.J. 70076
Wells, K.B. *see* Nikoonahad, M. 85778
Wells, M.T. *see* Chance, B.L. 103604
Wells, N.H. *see* Geis, P. 90590
Wells, O.C. Examining deep holes by rocking the beam in the scanning electron microscope 62654
Wells, O.C. *see* Von Gutfeld, R.J. 61315
Wells, P.D., Hill, P.C.J. An adaptive layered network approach to antenna beamforming and bearing estimation 76943
Wells, R.B. Application of set-membership techniques to symbol-by-symbol decoding for binary data-transmission systems 76803
Wells, R.B., Bartles, G.L. Simplified calculation of likelihood metrics for Viterbi decoding in partial response systems 106602
Wells, R.G., Celler, A. Analytical calculation of scatter distributions in SPECT projections 101127
Wells, R.H., Walker, R.H. Removing polyimide-passivated die from plastic packages: an innovative and inexpensive approach 103429
Wells, R.L. *see* Aubuchon, S.R. 72908
Wells, R.O. *see* Jeonghwan Ko 61053
Wells, R.O., Jr. *see* Jun Tian 86764
Wells, W. *see* Rainer, R. 110668
Wells, W.M., III, Grimson, W.E.L., Kikinis, R., Jolesz, F.A. Adaptive segmentation of MRI data 101186

Wells, W.M., III *see* Baker, J.D. 77161
Wells, W.M., III *see* Grimson, W.E.L. 80185
Wellssow, W.H. *see* Blume, D. 70867
Welsby, K., Adams, J.A., Deslandes, J. MeterLink–BT's new telemetry service for meter reading 67724
Welsch, E. *see* Ettrich, K. 107466
Welsch, G. *see* Brachtendorf, H.G. 61518
Welsch, R.E. *see* Longtin, M.D. 60661
Welscher, J. *see* Totzke, J. 78112
Welser, J.J. *see* Takagi, S. 94993
Welsh, B.M. *see* Ford, S.D. 77104
Welstand, R.B., Sun, C.K., Liu, Y.Z., Pappert, S.K., Zhu, J.T., Chen, J.M., Yu, P.K.L. High dynamic range in electroabsorption modulator for analog links 64806
Welstead, A.J. Behind the screens: collecting obsolete electronic equipment for recycling 60758
Welten, F. *see* Huisken, J. 83156
Welten, M., Clancy, R., Power, J.A., Mason, B., Mathewson, A. Enhanced worst-case simulation utilising regression based performance spread [IC process model] 84552
Welten, M. *see* Lovett, S.J. 115193
Welton, R.F., Alton, G.D., Becher, D., Mills, G.D., Dellwo, J., Murray, S.N. Performance enhancement of a compact radio frequency ion source by the injection of supplemental electrons 90072
Welton, R.F., Moran, T.F., Feeney, R.K., Thomas, E.W. A simple electron cyclotron resonance ion source [using permanent magnets] 69691
Welton, R.F. *see* Alton, G.D. 90097
Welty, R.P. *see* Tuttle, J.G. 111055
Welz, J. *see* Zelenski, A.N. 90070
Welz, J. *see* Zelenski, A.N. 120077
Weman, H., Potemski, M., Lazzouni, M.E., Miller, M.S., Merz, J.L. Polarized excitation spectroscopy of magneto-excitons in (Al,Ga)As quantum wire superlattices 62915
Weman, H., Swiatek, K., Miller, M.S., Petroff, P.M., Merz, J.L. Microwave-induced modulation of excitons in serpentine superlattice quantum wires 62866
Weman, H. *see* Notomi, M. 63041
Wemble, I.L. *see* Kerns, K.J. 62059
Wen, C.-J., Yau, H.-F., Jeng, B.-S., Miou, C.-S. Segmentation of handwritten Chinese signature for signature verification using wavelet transform 98347
Wen, C.P. *see* Marks, R.B. 83510
Wen, C.P. *see* Wu, C.S. 100026
Wen, G.J., Lu, J.X., Fan, D.Y., Deng, X.M. Active SBS mirror applied to ICF driver 85557
Wen, J., Cheng, L., Zhang, A., Zheng, J. 1/f noise sources and 1/f noise in MOSFET 94950
Wen, J.-H., Yang, W.-Y. Performance evaluation of two power assignment schemes in packet radio networks 68152
Wen, J.H., Wang, J.W. An integrated voice/data wireless network using non-collision PRMA protocol 99724
Wen, J.T. *see* Hughes, D. 92978
Wen, L.S. *see* Zhen-Jun Wang 64375
Wen, M. *see* Tong, C.Q. 115345
Wen, P. *see* Nagarajan, R. 78835
Wen, P. *see* Nagarajan, R. 88570
Wen, P. *see* Nagarajan, R. 99475
Wen, P. *see* Nagarajan, R. 109607
Wen, Q., Ning Yu, Clarke, D.R. Epitaxial thin-film ruby as an ion-irradiation damage sensor 119593
Wen, S.J., Richardson, T.J., Ma, L., Striebel, K.A., Ross, P.N., Jr., Cairns, E.J. FTIR spectroscopy of metal oxide insertion electrodes 81712
Wen, S.J. *see* Striebel, K.A. 72900
Wen, Y.Q. *see* Tan, M. 80505
Wen, Z. *see* Farhat, N.H. 75631
Wen Bin Dou, Tao Shen, Zhong Liang Sun Exact field theory treatment of an waveguide Y-junction circulator containing an off-centered anisotropic dielectric post 62216
Wen Chang-Chung *see* Chang-Chung Wen
Wen Chao-Kuei *see* Chao-Kuei Wen
Wen Chen *see* Chen Wen
Wen Chen Chang *see* Chang Wen Chen
Wen Chi-Jain *see* Chi-Jain Wen
Wen Ching Wu, Chung Len Lee, Chen, J.E. Identification of robust untestable path delay faults 61759
Wen Chuanyuan *see* Hao Jiankang 80733
Wen Chun-Hung *see* Chun-Hung Wen
Wen De Zhong, Lacey, J.P.R., Tucker, R.S. Multiwavelength cross-connects for optical transport networks 88535
Wen De Zhong *see* Tsukada, M. 109319
Wen Deng *see* Xueyin Lin 77530
Wen Fushuan, Han Zhenxiang The survey of the applications of simulated evolutionary optimization methods to power systems 80793
Wen Fushuan, Han Zhenxiang The survey of the application of simulated evolutionary optimization methods to power systems [control] 80933
Wen Gao *see* Xilin Chen 97999
Wen Gao *see* Gao Wen
Wen Geng *see* Tang Renyuan 71283
Wen Geng *see* Tang Renyuan 102642
Wen Geyi Further research on the behavior of energy density of electromagnetic pulses 96899
Wen Gujoqing *see* Zhang Shukui 116695
Wen Guojun *see* Fan Dianyuan 85551
Wen H. Liu, Schouterden, K., Lin Mei, Kuoksan Ho, Lairson, B.M., Payne, A.P. High linear density written transitions in exchange isolated Pt/CoCrTa multilayer thin films 84810
Wen Jiangtao *see* Jiangtao Wen
Wen Jing, Fredericks, A.A. An open object-oriented simulation system for communications networks 87498
Wen Jing *see* Fredericks, A.A. 77849
Wen Jinke *see* Jinke Wen
Wen Jyh-Horng *see* Jyh-Horng Wen
Wen Liu, Panjabi, M.M. On improving the accuracy of instrumented spatial linkage system 110653
Wen Long *see* Wang Huacen 120038
Wen Maosheng *see* He Feiyun 117975
Wen Mengquan, Zhou Bin Study of overcompensation effect for SIMOX sample 74518
Wen Qingzhe *see* Qingzhe Wen
Wen Quan *see* Quan Wen
Wen Ruimei, Chen Langxing, Jin Xiaojin Thermodynamic analysis and determination of phosphorus in the semiconductor process and its pollution control 63188
Wen Senfar *see* Senfar Wen
Wen Shi *see* Shi Wen
Wen Shuhuai *see* Chen Lingyan 120193
Wen Shuxian *see* Zhu Shengyun 110632
Wen Ting-Lian *see* Ting-Lian Wen
Wen Wang *see* Sanchez, H. 73466
Wen Wang *see* Yi Luo 107343
Wen Wanxin *see* Li Zuyu 69773
Wen Wei *see* Wei Wen
Wen Wu Cheng- *see* Cheng- Wen Wu
Wen Xia *see* Xia Wen
Wen Xiaoqing, Tamamoto, H., Kinoshita, K. Transistor leakage fault location with I_{DDQ} measurement 61833
Wen Xu *see* Xu Wen
Wen Xuhui *see* Xuhui Wen
Wen Yanhong, Yang Wandong, Wang Yaozhong, Zhang Xu Design and implementation of MAC layer in 155.520 Mbps broadband fiber optic MAN 98722
Wen Yingli *see* Yingli Wen
Wen Yumei *see* Li Ping 110126
Wen Zen Shen *see* Chen, J.E. 61831
Wen Zhang *see* Zhang Wen
Wen Zhiqing *see* Zhiqing Wen
Wen Zhiyu *see* Zhiyu Wen
Wen Zhongmin *see* Zhongmin Wen
Wen Zhou *see* Jianjun Ma 110178
Wen-Ao Lee *see* Ying-Yu Tzou 121932
Wen-Ben Jone *see* Dan Li 73188
Wen-Bing Wang *see* Jin-Lin Hu 97016
Wen-Chau Lee *see* Hildebrand, P.H. 120742
Wen-Chau Liu, Der-Feng Guo, Lih-Wen Laih, Shiuh-Ren Yih, Jing-Tong Liang, Gau-Ming Lyuu A new delta-doped quantum-well InGaAs-GaAs resonant-tunneling switching device 63829
Wen-Chau Liu, Lih-Wen Laih, Wen-Shiung Lour, Jun-Hui Tsai, Kun-Wei Lin, Chin-Chuan Cheng Multiple-route current-voltage (I-V) characteristics of GaAs-InGaAs metal-insulator-semiconductor-like (MIS) structure for multiple-valued logic applications 105491
Wen-Chau Liu *see* Jung-Hui Tsai 105890
Wen-Chau Liu *see* Kong-Beng Thei 84308
Wen-Chau Liu *see* Lih-Wen Laih 84360
Wen-Chau Liu *see* Lih-Wen Laih 115234
Wen-Chau Liu *see* Wen-Shiung Lour 63796
Wen-Chau Liu *see* Wen-Shiung Lour 84460
Wen-Chen Chu, Bin-Kwie Chen, Pao-Chang Mo Calculation of transmission system losses for the Taiwan Power Company by the artificial neural network with time decayed weight 70822
Wen-Chen Chu *see* Jen-Jyh Hwang 71116
Wen-cheng Xu *see* Xu Wen-cheng
Wen-Chi Wu *see* Chorng-Kuang Wang 73529
Wen-Chi Wu *see* Chorng-Kuang Wang 74829
Wen-Chih Tai, Ming Chang A machine vision technique for subpixel estimation of three-dimensional profilometry 119733
Wen-Chih Tai, Ming Chang Noncontact profilometric measurement of large-form parts 119873
Wen-Chih Tai *see* Ming Chang 89500
Wen-Chin Chen *see* Shiuh-Sheng Yu 67363
Wen-Chin Lan *see* Hsing-Yi Chen 117040
Wen-Chuan Chiang *see* Chia-Wen Liang 83874
Wen-Chung Chang, Shen-Li Chen, Ho, C.S., Chen, Y.G. A semi-analytical substrate current model of N-channel MOSFETs operating at 77 K and 300 K 106049
Wen-Chung Chen, Chang, C.-S. Electrical properties in arsenic-ion-implanted GaAs 94343
Wen-Chung Chen *see* Gong-Ru Lin 94339
Wen-Chung Tsai *see* Ting-Chang Chang 61324
Wen-Chung Tsai *see* Ting-Chang Chang 64906
Wen-Ding Chu *see* Tsuen-Lin Lee 84307
Wen-Fa Wu, Bi-Shiou Chiou Optical and mechanical properties of reactively sputtered silicon dioxide films 106753
Wen-Feng Hsieh *see* Jih-Guang Lai 65129
Wen-Feng Hsieh *see* Kuei-Huei Lin 96205
Wen-Hao Cheng, Fedotov, A.V., Gluckstern, R.L. Frequency dependence of the polarizability and susceptibility of a circular hole in a thick conducting wall 90024
Wen-Hao Cheng *see* Gluckstern, R.L. 89996
Wen-Hao Yang *see* Po-Rong Chang 68216
Wen-Hong Kao High-performance positive paste for lead-acid batteries 121859
Wen-Hsiang Tsai *see* Chen-Kuei Yang 67033
Wen-Hsien Chen The effects of SPC on the target of process quality improvement 82310
WeN-Hsien Fang *see* Yi Chu 117434
Wen-Hsing Hsu *see* Bor-Tow Chen 108456
Wen-Hsing Hsu *see* Shih-Hsu Chang 87103
Wen-Hua Cao, You-Wei Zhang The effect of pulse walkoff on the compression of bright optical pulses by dark solitons 84988
Wen-Hua Cao, You-Wei Zhang The effect of pulse walkoff on bright pulse compression by dark soliton in optical fibers 116031
Wen-Hua Chiao *see* Jin-Shyr Yang 70966
Wen-Hua Niu *see* Wachman, E.S. 110762
Wen-Hui Ma, Yan-Feng Chen, Tao Yu, Li Shun, Ming-Sheng Zhang, Nai-Ben Ming Metalorganic chemical vapor deposition of ferroelectric $PbTiO_3$ thin films on amorphous substrate 64073
Wen-Hui Ma *see* Li Sun 75027
Wen-Hui Tang *see* Kai-Tai Song 67405
Wen-Hung Liao, Aggarwal, S.J., Aggarwal, J.K. Analysis of left ventricular motion 90387
Wen-Hwa Chu, Ferrari, M. Silicon nanofilter with absolute pore size and high mechanical strength 84660
Wen-Jang Jiang *see* Yuh-Maoh Sun 95961
Wen-Jang Kuo *see* Te-Hwei Suen 85651
Wen-ji Peng *see* Wei-liang Li 62748
Wen-Jiunn Cheng *see* Jinn-Wang Yeh 104608
Wen-Juh Kang *see* Gwo-Ching Chang 120434
Wen-June Wang *see* Chen, Y.H. 103628
Wen-June Wang *see* Chen, Y.H. 113135
Wen-Jung Ho, Mu-Shen Lin, Wu-Shiung Feng Optimising single-phase PFC pre-staged AC/DC/AC topology via common-neutral connection 102878
Wen-Jyi Hwang, Haluk Derin Multistage storage- and entropy-constrained tree-structured vector quantization 77507
Wen-Jyi Hwang, Yen-Liang Chen, Yu-Chu Chang Storage- and entropy-constrained multi-stage vector quantization 77284
Wen-Koi Lai *see* Fang-Shing Wang 63232
Wen-Kuan Yeh, Kuang-Yang Chan, Ting-Chang Chang, Mao-Chieh Chen, Mou-Shiung Lin Thermal stability of W-contacted junction diodes 74691
Wen-Kuan Yeh *see* Chia-Fu Chen 61395
Wen-Kuan Yeh *see* Ting-Chang Chang 61324
Wen-Kuan Yeh *see* Ting-Chang Chang 64906
Wen-Liang Zhang *see* Wei-Dong Liu 106034
Wen-Lin Chiou A note on estimation algebras on nonlinear filtering theory 77011
Wen-Luh Yang *see* Hsiao-Yi Lin 115212
Wen-Piao Lin A cost-effective passive optical network based on multiple-optical-subcarrier multiplexing 99522
Wen-Pin Liao, Fu-Lai Chu Comments on "Measurement of the microwave conductivity of a polymeric material with potential applications in absorbers and shielding" 92963
Wen-Ping Li *see* Li Wen-Ping
Wen-Rong Chen *see* Chien-Chuan Cheng 104091
Wen-Rong Wu, Kundu, A. Recursive filtering with non-Gaussian noises 76976
Wen-Rong Wu, Shieh-Chung Wei Rotation and gray-scale transform-invariant texture classification using spiral resampling, subband decomposition, and hidden Markov model 108703
Wen-Rong Wu *see* Fang-Biau Ueng 77567
Wen-Shan Wang *see* Wang Wen-Shan
Wen-Shan Zhan *see* Bo-Ping Hu 75087
Wen-Sheng Wang, Rao, V., Bhat, I.B. Growth of HgCdTe on Si substrate using MOVPE 61242
Wen-Shiang Liao, Si-Chen Lee Water-induced room-temperature oxidation of Si–H and –Si–Si– bonds in silicon oxide 94749
Wen-Shiow Kao *see* Ching-Yin Lee 121473
Wen-Shiung Chen, Zhen Zhang, En-Hui Yang, Sheau-Shong Bor Modified stack search algorithm for VQ-based tree encoding 77285
Wen-Shiung Chen *see* Chang-Chou Hwang 97078
Wen-Shiung Lour, Chung-Cheng Chang VPE grown ZnSe/Si PIN-like visible photodiodes 95994
Wen-Shiung Lour, Jung-Hui Tsai, Lih-Wen Laih, Wen-Chau Liu Influence of channel doping-profile on camel-gate field effect transistors 63796
Wen-Shiung Lour, Wen-Chau Liu, Jung-Hui Tasi, Lih-Wen Laih, Chen, H.R. Device linearity improvement and current enhancement utilizing high-to-low doping-channel FETs 84460
Wen-Shiung Lour *see* Kong-Beng Thei 84308
Wen-Shiung Lour *see* Wen-Chau Liu 105491
Wen-Tai Lin *see* Jian-Shing Luo 92729
Wen-Te Ho *see* Ching-Yin Lee 121473
Wen-Tsuen Chen *see* Wang-Jiunn Cheng 63872
Wen-Wei Lin *see* Young-Huei Hong 80765
Wen-Xing Zhang *see* Zhang Wen-Xing
Wen-Yao Chang *see* Tian-Hua Liu 111909
Wen-Yao Shi, Schafer, M., Dubin, S., O'Connor, M., Ozturk, C., Min-Chih Chou Skin temperature and impedance measurement in ultrasound wound treatment 70215
Wen-Yen Huang *see* Jenn-Fang Chen 83859
Wen-Yi Kuo *see* Jiann-Ching Guey 109426
Wen-Ying Chang, Herng-Der Lin, Rong-Huey Huang, Yaw-Wu Chen, Ying-Kuei Yang, Chao-

Tsun Lai, Chein-Hua Tuan, Kuang-Chao Wu, Cheng-Huang Lai Upgrading the gas method for transformer faults diagnosis 81514
Wen-Yu Gao *see* Gao Wen-Yu
Wen-Yu Tseng, Chin-Chou Chen, Wei, D.S.L., Sy-Yen Kuo Design and implementation of a high speed parallel architecture for ATM UNI 78058
Wen-Yuan Chen, Sin-Horng Chen, Cheng-Jung Lin A speech recognition method based on the sequential multi-layer perceptrons 76858
Wen-Yuan Tang *see* Tang Wen-Yuan
Wenbao Liang *see* Liang Wenbao
Wenbi Zhang *see* Zhang Wenbi
Wenbiao Zhao *see* Zhao Wenbiao
Wenbin Dou *see* Dou Wenbin
Wenbin Hsu TFT LCD development and projection display consortium in Taiwan 89218
Wenbin Jiang *see* Lebby, M. 99511
Wenbin Jiang *see* Lebby, M. 116286
Wenbin Sang *see* Sang Wenbin
Wenbing, W. *see* Chunyang, Y. 77186
Wenbing, W. *see* Wenyan, Y. 76525
Wenbing Shen *see* Shen Wenbing
Wenbing Wang *see* Xianyang Zhu 97044
Wenbing Wang *see* Wang Wenbing
Wenbo Chen *see* Chen Wenbo
Wenbo Li *see* Li Wenbo
Wenchao Liang, Kerr, D.C., Goldsman, N., Mayergoyz, L.D. Hydrodynamic device simulation using new state variables tailored for a block Gummel iterative approach 84283
Wencheng Wang *see* Shiyou Zhao 63571
Wencheng Xu *see* Junmin Liu 107602
Wenckebach, W.T. *see* Planken, P.C.M. 62746
Wende, B. *see* Lau-Frambs, A. 89083
Wende Zheng *see* Zheng Wende
Wendel, H.P., Heller, W., Hoffmeister, H.M. Effect of aprotinin on blood loss and myocardial damage in patients undergoing aortocoronary bypass surgery 80412
Wendel, H.P. *see* Heller, W. 80480
Wendel, L. *see* Sholley, M. 88699
Wendel, M. On the edge [ATM-based services] 68003
Wendel, M., Irmer, B., Cortes, J., Kaiser, R., Lorenz, H., Kotthaus, J.P., Lorke, A., Williams, E. Nanolithography with an atomic force microscope 105825
Wendel, M., Lorenz, H., Kotthaus, J.P., Holland, M. Magneto transport on antidot arrays, fabricated by an atomic force microscope 62954
Wendel, R. *see* Marquardt, J. 93657
Wendel, R. *see* Marquardt, J. 104803
Wendelken, J.F. *see* Davis, R.F. 103986
Wender, S. *see* Ringbom, A. 69874
Wender, S. *see* Ringbom, A. 80134
Wender, S.A. *see* Normand, E. 70338
Wendhausen, P.A.P. *see* Muller, K.-H. 64265
Wendiggensen, I.J. Radar signature prediction and validation for complex ship targets 70588
Wendin, G. *see* Hessling, J.P. 64534
Wendland, B. *see* Herfet, T. 68867
Wendland, C. *see* Deis, G. 106719
Wendler, E. *see* Glaser, E. 105594
Wendler, J.P. *see* Simon, K.M. 83424
Wendling, F., Bellanger, J.-J., Badier, J.-M., Coatrieux, J.-L. Extraction of spatio-temporal signatures from depth EEG seizure signals based on objective matching in warped vectorial observations 110843
Wendling, X., Rochet, R., Leveugle, R. Standard and ROM-based synthesis of FSMs with control flow checking capabilities 104547
Wendman, M.A. *see* Huang, Y. 83807
Wendong Wang, Duncan, J.H. Recovering the three-dimensional motion and structure of multiple moving objects from binocular image flows 67408
Wendong Zhu *see* Zhu Wendong
Wendorf, J.W. *see* Rath, K. 99772
Wendrinsky, J. *see* Vesely, A. 82184
Wendt, A.E. *see* Kirmse, K.H.R. 63298
Wendt, A.E. *see* Kirmse, K.H.R. 63333
Wendt, C., Petropulu, A.P. Pitch determination and speech segmentation using the discrete wavelet transform 117284
Wendt, C. *see* Subramaniam, S. 108232
Wendt, F., Harris, P. Intel's technology for videoconferencing 118538
Wendt, H., Brenscheidt, T., Fischer, A. Optimization and modelling of fuel cell electrodes with emphasis upon catalyst utilization ageing phenomena and ageing prevention 102961
Wendt, H. *see* Lehmann, V. 93957
Wendt, H. *see* Lehmann, V. 93966
Wendt, J.A. *see* Hebert, T.J. 90445
Wendt, J.A. *see* Hebert, T.J. 101290
Wendt, J.R. *see* Smith, R.E. 85066
Wendt, J.R. *see* Smith, R.E. 95929
Wendt, M. *see* Radloff, W. 100586
Wendt, R. *see* Borges, B.V. 99594
Wendt, R. *see* Kovacs, M. 109805
Wene, C.-O. Energy-economy analysis: linking the macroeconomic and systems engineering approaches 91259
Wenfeng, S. *see* Songhua, H. 79010
Wenfeng Zhang *see* Zhang Wenfeng
Weng, H.M. *see* Ikai Lo 105354
Weng, J. *see* Swets, D.L. 117895
Weng, J. *see* Yuntao Cui 86805
Weng, J.F., Leung, S.H., Bi, G.G. A new neural network based sequence estimator in non-Gaussian noise environment 108356
Weng, J.J. *see* Swets, D.L. 98227
Weng, T.H. Numerical calculation of I-V characteristic curves of an ion implanted GaAs MESFET 84491
Weng, W.-D., Jiang, S. The modelling and the efficient simulations for fading channels 97147
Weng, W.T., Chang, H.P., Chen, J.R., Cheng, Y., Hsu, K.T., Kuo, C.C., Lee, L.C., Lin, K.K., Liu, Y.C., Luo, G.H., Tsang, K.L., Fu, S.Y., Hsu, I., Hsue, C.S., Leu, J.S. Beam stability at SRRC storage ring 79872
Weng, W.T. *see* Hsu, I. 89890
Weng, W.T. *see* Hsu, K.T. 79974
Weng, W.T. *see* Kuo, C.C. 79975
Weng, X.M. The effect of nonparabolicity on electron transport in semiconductor thin films 105132
Weng, X.M., Lei, X.L. Hot-electron magneto-transport in InSb 114641
Weng, Y., Zeng, G.L., Gullberg, G.T. A filtered backprojection algorithm for attenuated cone-beam projections sampled on a sphere 80229
Weng, Y., Zeng, G.L., Gullberg, G.T. Iterative reconstruction with attenuation compensation from cone-beam projections acquired via non-planar orbit 101173
Weng, Y., Zeng, G.L., Gullberg, G.T. Analytical inversion formula for attenuated fan-beam projections 101177
Weng, Y. *see* Moutsoglou, A. 71210
Weng Chen-Kuo *see* Chen-Kuo Weng
Weng Cho Chew *see* Jian-Ming Jin 85843
Weng Cho Chew *see* Jiun-Hwa Lin 110679
Weng DaFeng *see* DaFeng Weng
Weng Leong Chew *see* Leong Chew Weng
Weng Liangjun *see* Wang Jing 120315
Weng Rengang *see* Wang Zili 81643
Weng Shilie *see* Li Yi 82542
Weng Zhao-Heng *see* Zhao-Heng Weng
Weng Zhaoheng *see* Yang Huaijiang 116715
Wengang Bi *see* Niki, S. 83879
Wengang Wu, Wanrong Zhang, Zheng Zeng, Jinsheng Luo Models of material parameters for strained $\mathrm{Si}_{1-x}\mathrm{Ge}_x$ layers and study of hot-carrier transport and high frequency performance of Si/SiGe HBT 84341
Wengang Wu *see* Wanrong Zhang 84340
Wengang Wu *see* Wu Wengang
Wenge, C., Yimin, L., Tiexia, H. Spreading of light beams in airborne oceanic lidar system 79011
Wenge Chen *see* Chen Wenge
Wenger, D.F. *see* Johnson, D.J. 69636
Wenger, D.F. *see* Mehlhorn, T.A. 69637
Wenger, D.F. *see* Moats, A.R. 69642
Wenger, G., Schienle, M., Bellermann, J., Heinbach, M., Eichinger, S., Muller, J., Acklin, B., Stoll, L., Muller, G. A completely packaged strictly non-blocking 8×8 optical matrix switch on InP/InGaAsP 119194
Wenger, G. *see* Opila, R.L. 62441
Wenger, G. *see* Schienle, M. 68472
Wenger, G.M., Machusak, D.A., Woods, R.E., Tashjian, G.P., Hallworth, T.M. Double reflow: the stress fracture reliability problem of the 90's 92187
Wenger, G.M. *see* Heiser, E.A. 94059
Wenger, G.M. *see* Ray, U. 94081
Wenger, H. Twenty-five years of operation of Beznau II 111729
Wenger, J. A microwave resonant cavity sensor for accurate non-contacting gap measurements 79393
Wenger, J., Splettstosser, J. K_a- and V-band MMIC components for personal communication networks 83492
Wenger, J. *see* Guttich, U. 62332
Wenger, J. *see* Stotz, M. 108077
Wenguo Tang *see* Tang Wenguo
Wengzhong Huang *see* Huang Wengzhong
Wenhai Wu *see* Wu Wenhai
Wenham, S.R., Green, M.A., Edmiston, S., Campbell, P., Koschier, L., Honsberg, C.B., Sproul, A.B., Thorpe, D., Shi, Z., Heiser, G. Limits to the efficiency of silicon multilayer thin film solar cells 102999
Wenham, S.R. *see* Altermatt, P.P. 121878
Wenham, S.R. *see* Ebong, A.U. 71703
Wenham, S.R. *see* Ebong, A.U. 81880
Wenham, S.R. *see* Honsberg, C.B. 103006
Wenham, S.R. *see* Thorp, D. 91736
Wenham, S.R. *see* Zhao, J. 103003
Wenham, S.R. *see* Zheng, G.F. 81903
Wenhan Jiang *see* Jiang Wenhan
Wenhao Huang *see* Huang Wenhao
Wenheng Liu, Cho-Li Wang, Prasanna, V.K. Portable and scalable algorithms for irregular all-to-all communication 87419
Wenhong Zhu *see* Angluin, D. 98183
Wenhua Cao *see* Cao Wenhua
Wenhua Dou *see* Limin Sun 118449
Wenhua Lei *see* Olsen, L.C. 112400
Wenhua Yan *see* Yan Wenhua
Wenhui Zhang *see* Dade Zhao 73768
Wenin, J., Van Wauwe, G., Genoe, M., Sallaerts, D. The use of microelectronics for future telecom and multimedia systems 77805
Wenisch, H., Schuell, K., Behr, T., Hommel, D., Landwehr, G., Siche, D., Rudolph, P., Hartmann, H. (Cd,Zn)Se multi-quantum-well LEDs: homoepitaxy on ZnSe substrates and heteroepitaxy on (In,Ga)As/GaAs buffer layers 74154
Wenji Pen *see* Weizhu Lin 105318
Wenjie Liu *see* Guoying Chen 85494
Wenjie Lu *see* Lu Wenjie
Wenjin Zhang *see* Linkopoulos, T.M. 74894
Wenjing Hsu *see* Hsu Wenjing
Wenju Li *see* Cao Wei 75063
Wenjun Ni *see* Ni Wenjun
Wenjun Wan *see* Wan Wenjun
Wenjun Wang, Moraga, C. Design of multivalued circuits using genetic algorithms 73320
Wenjun Wang *see* Wang Wenjun
Wenjun Zeng *see* Yuh-Lin Chang 99793
Wenjun Zhang, Bo Hu, Erqin Xie, Yafei Zhang, Li Han, Zhizhong Song, Guanghua Chen Electrical and photoconductive properties of boron-doped polycrystalline diamond films 74122
Wenjun Zhu *see* Zhu Wenjun
Wenjun Zhuang *see* Zhuang Wenjun
Wenk, B., Ramos-Martos, J., Fehrenbach, M., Lange, P., Offenberg, M., Riethmuller, W. Thick polysilicon based surface micromachined capacitive accelerometer with force feedback operation 74983
Wenk, B., Ramos-Martos, J., Fehrenbach, M., Lange, P., Offenberg, M., Riethmuller, W. Surface micromachined accelerometer with increased working capacitance and force feedback operation 84664
Wenk, B. *see* Lisec, T. 74921
Wenkang Qi, Wenwu Cao Finite element analysis and experimental studies on the thickness resonance of piezocomposite transducers 80692
Wenke, G., Klimmek, M. Considerations on the α-factor of nonideal, external optical Mach-Zehnder modulators 64791
Wenke, L. *see* Fleck, B. 85770
Wenke, L. *see* Kiessling, A. 85711
Wenlan Xu, Shen, S.C., Ying Fu, Willander, M. Normal-incidence intersubband absorption in n-type ellipsoidal-valley quantum well for infrared detection 69174
Wenlei Zhang *see* Zhang Wenlei
Wenli Liu *see* Liu Wenli
Wenlian Lu *see* Lu Wenlian
Wenlin Zhang, Sridhar Kumar, M.P., Visintin, A., Srinivasan, S. A microcalorimetric investigation of the thermodynamics and kinetics of hydriding/dehydriding reactions 71661
Wenlin Zhang *see* Kumar, M.P.S. 71651
Wenlong Huang *see* Baida Lu 116927
Wenlong Qu *see* Qu Wenlong
Wenlong Zeng *see* Chuangtian Chen 107555
Wenlong Zhan *see* Zhan Wenlong
Wenlu Wang *see* Wang Wenlu
Wenmin Qu *see* Qu Wenmin
Wenmin Zhang *see* Zhang Wenmin
Wenming Li *see* Li Wenming
Wenn Yu *see* Ming Zhang 94571
Wenn-Chau Ko, Hsien-Hui Tseng, Chir-Ho Chang The design of a symmetric membership function based fuzzy chip 104579
Wennai Wang *see* Wang Wennai
Wenndt, S.J., Burleigh, J.M., Thompson, M.W. Pitch adaptive time-rate expansion for enhancing speech intelligibility 76875
Wennerberg, A., Ohlsson, R., Rosen, B.-G., Andersson, B. Characterizing three-dimensional topography of engineering and biomaterial surfaces by confocal laser scanning and stylus techniques 120360
Wennersten, M. *see* Adolphsen, J. 73391
Wennersten, M. *see* Adolphsen, J. 111029
Wenning, B.D. Financial options methodology for analyzing investments in new technology 121914
Wenning Pang *see* Pang Wenning
Wenninger, J. *see* Assmann, R. 79970
Wenninger, J. *see* Bailey, R. 79964
Wenninger, J. *see* Brandt, D. 79971
Wenninger, J. *see* Faugier, A. 79947
Wenping Wang *see* Wang Wenping
Wenqi Du *see* Du Wenqi
Wenqi Gao *see* Xiaofeng Gu 95863
Wenqi Ge, Shaoqong Tang, Luguang Yan, Changlian Yi, Jie Qin Development and test of a 300 kW superconducting homopolar generator 102731
Wenqian Yu *see* Krolikowski, W. 116720
Wenqin Zhang *see* Zhang Wenqin
Wenqing Zhao *see* Zhao Wenqing
Wenquan Feng *see* Feng Wenquan
Wenquin Li *see* Li Wenquin
Wenshan Zhan *see* Jinghua Wang 64248
Wenshan Zhan *see* Jinghua Wang 64249
Wensheng Shi *see* Qingchun Zhao 85694
Wenston, P. *see* Ming-Jun Lai 72685
Wentai Liu *see* Bilbro, G.L. 110760
Wentao Hu *see* Hu Wentao
Wentao Zhang *see* Zhang Wentao
Wenwei Qiao, Sun, H.H., Chey, W.Y., Lee, K.Y. Continuous wavelet analysis as an aid in the representation and interpretation of electrogastrographic signals 70138
Wenwei Zhang *see* Zhang Wenwei
Wenwu Cao *see* Wenkang Qi 80692
Wenxian Yu *see* Yu Wenxian
Wenxiang Wang, Yubin Gong, Jiahong Sun, Guofen Yu Analysis and design of a waveguide-coaxial line single-hole directional coupler 104805
Wenxing Wang *see* Wang Wenxing

Wenxuan Wei *see* Wei Wenxuan
Wenxun Zhang *see* Liling Xiao 65971
WenXun Zhang *see* ZhiNing Chen 85820
Wenyan, Y., Wei, W., Wenbing, W. The propagating characteristics of hybrid modes in Faraday chirowaveguides 76525
Wenyan, Y. *see* Jing, F. 76524
Wenyan Guo *see* Guo Wenyan
Wenyan Yin Scattering by a linear array of uniaxial bianisotropic chiral cylinders 97045
Wenyan Yin, Wan Wei The rotational effect on the multiple scattering of a linear array of dielectric cylinders with finite conductivities 85844
Wenyan Yin, Wan Wei The interaction of electromagnetic waves with a linear array of fractally fluted chiral cylinders: the first-order perturbed solution 97088
Wenyan Yin *see* Yin Wenyan
Wenyi Chen, Yushan Tan, Hong Zhao Automatic analysis technique of spatial carrier-fringe patterns 67161
Wenyi Chen *see* Chen Wenyi
Wenyi Wang *see* Wang Wenyi
Wenyin Liu *see* Liu Wenyin
Wenying Yang *see* Yang Wenying
Wenyon, M., Ralli, P. Mass production of volume holographic diffusers 85759
Wenyong Deng *see* Dutt, S. 83021
Wenyong Zhu *see* Zhu Wenyong
Wenyu Gao *see* Guoqiang Zhang 84391
Wenyu Zhu, Xiaoqin Li, Chenglu Lin The multilayer analysis of molecular effect in BF$_2^+$ implanted silicon using ellipsometric spectra 94676
Wenyuan Guo *see* Guo Wenyuan
Wenyuan Xu, Kaveh, M. Design of two MUSIC-like estimators based on bias minimization 108314
Wenyuan Xu *see* Yu-Li You 117847
Wenyuan Xu *see* Xu Wenyuan
Wenz, F. *see* Bluml, S. 80284
Wenz, F. *see* Essig, M. 80279
Wenzel, D., Borsi, H., Gockenbach, E. Suppression of synchronous pulse shaped noises during partial discharge monitoring on transformers 102812
Wenzel, H., Erbert, G. Simulation of single-mode high-power semiconductor lasers 96349
Wenzel, L. *see* Jugenheimer, A. 61462
Wenzel, P. *see* Nikolora, E. 110018
Wenzel, R. *see* Dunleavy, L.P. 62232
Wenzhang Zhu *see* Qihua Shen 89188
Wenzhen Zhou *see* Zhou Wenzhen
Wenzhi Zhang *see* Zhang Wenzhi
Wenzhong Huang *see* Huang Wenzhong
Wenzhong Shen *see* Shen Wenzhong
Wenzhong Wang *see* Yi Xie 92661
Wenzlaff, J. *see* Balachandran, U. 91234
Weon Choi Jae *see* Jae Weon Choi
Weon Guk Jeong *see* Sang Koo Park 105344
Weon Hwang Yeong *see* Yeong Weon Hwang
Weonpil Tai *see* Tai Weonpil
Werblin, F. *see* Jacobs, A. 83279
Werblin, F. *see* Lotz, K. 83278
Werbowy, A., Szmidt, J., Sokolowska, A., Olszyna, A., Mitura, S. Fabrication and properties of Mo contacts to amorphous cubic boron nitride (a-cBN) layers 94581
Werckmann, J. *see* Lefakis, H. 64387
Werder, D. *see* Suzuki, Y. 75164
Werder, D.J., Chen, C.H., Chen, H.S., Bacon, D.D. Microstructure and diffusion in Nb/NbSn$_2$ metal bonding structure 74613
Werder, D.J. *see* Suzuki, F. 75184
Wereley, N.M. *see* Kamath, G.M. 113559
Werelius, P. *see* Hvidsten, S. 102168
Weresin, W.E. *see* Hu, B.H.L. 115661
Werf, D.van der *see* van der Werf, D.
Werghi, N., Doignon, C. Contour feature extraction with wavelet transform and parametrization of elliptic curves with an unbiased extended Kalman filter 87251
Werho, D. *see* Li-Hsin Chang 94650
Werht, L. *see* Mahn, U. 112522
Werkhoven, G.H.C.van *see* van Werkhoven, G.H.C.
Werking, J. *see* Brozek, T. 105989
Werking, J. *see* Salah, A. 105987
Werle, P. Tunable diode laser absorption spectroscopy: recent findings and novel approaches 70522
Werle, P. *see* Mucke, R. 70518
Werle, P. *see* Popov, A. 65184
Werle, P. *see* Popov, A. 65271
Werman, M., Weinshall, D. Complexity of indexing: Efficient and learnable large database indexing 67274
Werman, M. *see* Hel-Or, Y. 98071
Werman, M. *see* Keren, D. 72579
Werman, M. *see* Strackee, J. 113222
Werman, M. *see* Weinshall, D. 67291
Werman, M. *see* Weinshall, D. 77310
Wermelskirchen, C. *see* Hettel, R. 100619
Werncke, W., Johr, T., Pfeiffer, M., Lau, A., Dahne, L. Four wave mixing dispersion studies of a homologous series of polymethine dyes 85630
Werncke, W., Johr, T., Pfeiffer, M., Lau, A., Dahne, L. Third order hyperpolarizabilities of cyanines: measurements and calculations of the chain length dependence 96741
Werncke, W., Pfeiffer, M., Johr, T., Jupner, H.-J., Lau, A. Electronic and Raman-type nonlinearities of a homologous series of polyenic oligomers 85590
Werner, A. *see* Handke, J. 116318
Werner, A. *see* Otterstedt, J. 77537
Werner, B. Computation of Hopf bifurcation with bordered matrices 60989
Werner, C. Applications of spaceborne Doppler and backscatter lidar: a critical review 90805
Werner, C. *see* Brinkmann, R.P. 63892
Werner, Chr. *see* Brinkmann, R.P. 72901
Werner, D.H., Huffman, J.A., Werner, P.L. An exact formulation for the electromagnetic fields of a cylindrical antenna with a triangular current distribution 97332
Werner, F. *see* Gorokh, O.V. 72408
Werner, F. *see* Gorokh, O.V. 72532
Werner, F. *see* Korzec, D. 76584
Werner, H. *see* Behres, A. 105335
Werner, J., Behr, G., Bieger, W., Krabbes, G. Chemical transport of restricted solid solutions of In$_2$O$_3$ and SnO$_2$: experiments and thermodynamic process analysis 113282
Werner, J., Wolf, L.C. Scheduling mechanisms reducing contention situations in multimedia systems 78182
Werner, J. *see* Allen, D. 69741
Werner, J. *see* Duscher, G. 94224
Werner, J. *see* Schlussler, J.-U. 62115
Werner, J.H. *see* Brendel, R. 81900
Werner, J.H. *see* Brendel, R. 103016
Werner, J.H. *see* Kolodinski, S. 71698
Werner, J.H. *see* Kuehnle, J. 84166
Werner, J.H. *see* Queisser, H.J. 91744
Werner, J.J. *see* Woodward, S.L. 99575
Werner, K. Ten millennium-ending strategies for display-business success 100187
Werner, K., Storm, A., Butzke, S., Maes, J.W., van Rooy, M., Alkemade, P., Algra, E., Somers, M., de Lange, B., van der Drift, E., Zijlstra, T., Radelaar, S. Gas source MBE growth of Si/SiGe device materials 103923
Werner, K. *see* Lukey, P.W. 84499
Werner, K. *see* van Wingerden, J. 82625
Werner, M., Delucchi, C. ATM virtual path routing for LEO/MEO satellite networks with intersatellite links 88405
Werner, M., Job, R., Denisenko, A., Zaitsev, A., Fahrner, W.R., Johnston, C., Chalker, P.R., Buckley-Golder, I.M. How to fabricate low-resistance metal-diamond contacts 83972
Werner, M. *see* Bischel, H. 109537
Werner, M. *see* Bomer, L. 88368
Werner, M. *see* Stuhr, F. 88689
Werner, M.J. *see* He, H. 95718
Werner, O. Drift analysis and drift reduction for multiresolution hybrid video coding 77389
Werner, P. Resonance phenomena in local perturbations of parallel-plane waveguides 97265
Werner, P., Gosele, U., Kohda, H. Electron-beam-enhanced precipitation in highly carbon-doped GaAs layers 83845
Werner, P. *see* Grundmann, M. 105374
Werner, P. *see* Heinrichsdorff, F. 72756
Werner, P. *see* Ledentsov, N.N. 62870
Werner, P. *see* Ledentsov, N.N. 63081
Werner, P. *see* Ledentsov, N.N. 92737
Werner, P.L. *see* Werner, D.H. 97332
Werner, S. *see* Un-Ku Moon 106226
Werner, T. *see* Hlavac, V. 67262
Werner, W. *see* Ebert, A. 70761
Werner, W. *see* Khatib-Rahbar, M. 81251
Werner-Erichsen, O. *see* Saha, M.M. 70771
Werner-Wasik, M. *see* Das, I.J. 90578
Wernersson, A. *see* Larsson, U. 69502
Wernersson, L.-E. *see* Ramvall, P. 105339
Wernerus, J., Soder, L. Area price based multi-area economic dispatch with transmission losses and constraints 101984
Werness, S.A.S. *see* Gorman, J.D. 109712
Wernick, M.N., Wang, G., Kao, C.-M., Yap, J.T., Mukherjee, J., Cooper, M., Chen, C.-T. An image reconstruction method for dynamic PET 101330
Wernick, M.N. *see* Mesarovi, V.Z. 101172
Wernicke, G. *see* Demoli, N. 77393
Wernicke, G. *see* Gruber, H. 86901
Wernicke, G. *see* Kruschke, O. 85750
Wernik, M. *see* Mellor, F. 118166
Werninck, A.R. *see* Wright, J. 107501
Werninger, I. *see* Steimer, P.K. 121095
Werninger, J. *see* Steimer, P. 91663
Wernli, C. Dosimetric characteristics of a novel personal dosemeter based on direct ion storage (DIS) 110969
Wernli, H. *see* Ohlen, M. 102907
Wersing, W. *see* Ivers-Tiffee, E. 81852
Wersinger, J.-M., Ward, E. An overview of remote sensing education projects sponsored by the NASA Space Grant Program 111179
Wert, D.E. Using graphical programming to develop complex data acquisition and analysis systems 79268
Wert, J.L. *see* Normand, E. 70338
Wertenbaker, J. *see* Kolinchak, G. 99781
Werter, M.J. FSK demodulation using an adaptive recursive digital filter 76705
Werter, M.J. A digital phase-locked loop for frequency detection 93192
Werth, H. *see* Dutz, H. 120108
Wertheimer, M.R. *see* Klemberg-Sapieha, J.E. 113437
Wertheimer, M.R. *see* Robertson, C. 70907
Werthen, J.G., Andersson, A.G., Weiss, S.T., Bjorklund, H.O. Current measurements using optical power 121263
Werthen, M., Rittweger, M., Wolff, I. FDTD-simulation of waveguide junctions using a new boundary condition for rectangular waveguides 76533
Werthen, M., Rittweger, M., Wolff, I. Multi-mode simulation of homogeneous waveguide components using a combination of the FDTD and FD^2 method 93733
Werther, K.C. *see* Reed, M.D. 81065
Werthimer, D., Ng, D., Bowyer, S., Donnelly, C. The Berkeley SETI program: SERENDIP III and IV instrumentation 79103
Werthimer, D. *see* Donnelly, C. 79104
Werthner, H., Krieg, R., Ladebeck, R., Saemann-Ischenko, G. COSESS and INSESS: coherent and incoherent spin echoes in the steady state 120343
Wesch, W. *see* Glaser, E. 105594
Wesel, E.K. *see* Mourelo, J.T. 78051
Wesel, R.D., Cioffi, J.M. Achievable rates for Tomlinson-Harashima precoding 66214
Weseler, S. *see* Koch, N. 80129
Weselucha, Z. The mechanical stresses distribution analysis transformer coils due to radial short-circuits forces 104900
Wesenbeeck, M.P.N.van *see* van Wesenbeeck, M.P.N.
Wesley, J. *see* Mondino, P.-L. 64567
Wesley, M. *see* Crooks, M. 67006
Wesner, D.A., Mertin, M., Lupp, F., Kreutz, E.W. Cleaning of copper traces on circuit boards with excimer laser radiation 94103
Wesner, D.A. *see* Mertin, M. 92925
Wesner, D.A. *see* Pfleging, W. 94797
Wesolewski, W. *see* White, M. 89764
Wesolowski, W.E. *see* DeKenipp, R.J. 94147
Wesp, T. *see* Schlott, V. 79831
Wess, B. Optimizing signal flow graph compilers for digital signal processors 93443
Wess, B. *see* Helm, A. 97743
Wess, T. *see* Gick, B. 70851
Wessa, T. *see* Rapp, M. 106457
Wessel, J.E. *see* Beck, S.M. 88711
Wessel, T.H. *see* Ketelsen, L.J.P. 109608
Wesseling, E.E. *see* Mitchler, P.D. 84772
Wesseling, P. von Neumann stability conditions for the convection-diffusion equation 113250
Wessels, B.W. *see* Gyu-Chul Yi 74261
Wessels, D.M., Muzio, J.C. The dangers of simplistic delay models 61820
Wessels, J. *see* Adan, I.J.B.F. 72437
Wessen, K. A portable 3D shape measurement system 87128
West, A.C., Fuller, T.F. Influence of rib spacing in proton-exchange membrane electrode assemblies [fuel cells] 91723
West, A.R. *see* Skakle, J.M.S. 75316
West, D., Haile, S.M., Feigelson, R.S. Preparation and characterization of polycrystalline and single crystal Gd doped barium cerium oxide [fuel cell electrolytes] 112320
West, D., Venkatesan, G., Tewfik, A., Buckley, K., Kaveh, M. Detection and modeling of acoustic emissions for fault diagnostics 113623
West, D.B. *see* Kratzke, T.M. 92492
West, D.P. *see* Cox, A.M. 64597
West, G. *see* Fawcett, B. 113856
West, G.A.W. *see* Daniel, B.T. 86883
West, G.A.W. *see* Lam, C.P. 86651
West, G.A.W. *see* Lim, F.L. 87006
West, G.A.W. *see* Tan, D. 86569
West, J.L., Magyar, G.R., Francl, J.J. Polymer-stabilized cholesteric texture materials for black-on-white displays 89415
West, J.L. *see* Patel, P. 85144
West, K. Calibration–the case for waste water 99844
West, K., Saidi, Y., Barker, J., Zachau-Christiansen, B., Olsen, I.I., Pynenburg, R., Skaarup, S., Koksbang, R. Comparison of LiV$_3$O$_8$ cathode materials prepared by high temperature and gel synthesis 81682
West, K.W. *see* Barrett, S.E. 105367
West, K.W. *see* Boebinger, G.S. 105423
West, K.W. *see* Chang, A.M. 105277
West, K.W. *see* Plaut, A.S. 62987
West, K.W. *see* Wegscheider, W. 65289
West, L. *see* Hasenberg, T.C. 65258
West, L. *see* Lemley, E.C. 80016
West, L.C., Roberts, C.W., Piscani, E.C., Dubey, M., Jones, K.A., McLane, G.F. Three dimensional packaging of very-large-scale integrated optics (VLSIO) for high complexity optical systems 85077
West, L.C., Roberts, C.W., Piscani, E.C., Dubey, M., Jones, K.A., McLane, G.F. GHz modulators in the mid-infrared using ultra high confinement waveguides 95818
West, L.C., Roberts, C.W., Piscani, E.C., Dubey, M., Jones, K.A., McLane, G.F. Using very large scale integrated optics (VLSIO) to create high-complexity opto-electronic components 96056
West, L.C. *see* Dubey, M. 83817
West, L.C. *see* Dubey, M. 96057
West, M. *see* Landau, B.V. 69580
West, M.J. *see* Coolen, E.F.J. 101071
West, N. *see* Meyer, A.S. 121134
West, O.C. *see* Fox, L.A. 80245
West, P. The Word Storage Relay (WSR) 101657

West, R. *see* Bergman, L.A. 88438
West, R.E. *see* Smith, B.A. 102172
West, R.H., Dowling, S. Effects related to dose deposition profiles in integrated optics structures 75567
West, R.H., Dowling, S. Effects related to dose deposition profiles in integrated optics structures 106854
West, R.H. *see* Dowling, S. 105917
West, R.L. *see* Blotter, J.D. 69515
West, R.L. *see* Montgomery, D.E. 119887
West, T.M. *see* Shea, J.E. 103336
Westall, J.M. *see* Kiessler, P.C. 98441
Westberg, U. *see* Kumar, D. 122112
Westbrook, J. *see* Angluin, D. 98183
Westbrook, L.D., Moodie, D.G. Simultaneous bi-directional analogue fibre-optic transmission using an electroabsorption modulator 109645
Westby, G.R. *see* Chung, C.-W. 73877
Westby, G.R. *see* Huang, C.-Y. 62478
Westby, G.R. *see* Huang, C.-Y. 104958
Westby, G.R. *see* Shih, W. 62480
Westby, G.R. *see* Thomas, S. 94078
Westby, G.R. *see* Venkateswaran, S. 94077
Westcott, B.S., Zaporozhets, T.A. Efficient reflector synthesis using an analytic gradient procedure 66078
Westelius, C.-J. *see* Westin, C.-F. 86446
Westen, S.J.P., Lagendijk, R.L., Biemond, J. Optimization of JPEG color image coding using a human visual system model 108536
Westenberg, M.A. *see* Nijhuis, J.A.G. 66962
Westenhofer, S. *see* Baumann, I. 107198
Westenskow, C. *see* Giordanot, G. 89673
Westenskow, G., Caporaso, G., Chen, Y., Houck, T., Sampayan, S. Double pulse experiment with a velvet cathode on the ATA injector 89715
Westenskow, G., Caporaso, G., Chen, Y., Houck, T., Yu, S., Chattopadhyay, S., Henestroza, E., Li, H., Peters, C., Reginato, L., Sessler, A. Design of a relativistic klystron two-beam accelerator prototype 83757
Westenskow, G. *see* Kwok, P. 89918
Westenskow, G. *see* Sampayan, S. 83687
Westenskow, G.A. *see* Houck, T. 110481
Westenskow, G.A. *see* Houck, T.L. 100474
Westenskow, G.A. *see* Le Sage, G.P. 65381
Westenskow, G.A. *see* Le Sage, G.P. 107031
Westenskow, G.A. *see* Le Sage, G.P. 116571
Westerberg, L. *see* Ringbom, A. 69874
Westerberg, L. *see* Ringbom, A. 80134
Westergren, U., Willen, B., Asonen, H. 20 GHz bandwidth monolithic optoelectronic receiver based on SSMBE-grown InP HBT technology 109621
Westerholt, K. *see* Noetzel, R. 75328
Westerink, J.H.D.M., Teunissen, K. Disintegration of images moving at high velocities 86631
Westerkamp, J.J. *see* DeSimio, M.P. 66587
Westermann, M., Feudel, T., Strecker, N., Gappisch, S., Hofler, A., Fichtner, W. Multi-dimensional TCAD: The PROMPT/DESSIS approach 74819
Westermann, M., Regli, P., Strecker, N., Fichtner, W. Improving three-dimensional semiconductor modeling through layout and process flow analysis 63529
Westerveld, R. The role of future satellite systems for rural communications 99415
Westervelt, R.M. *see* Beck, R.G. 74762
Westervelt, R.M. *see* Beck, R.G. 110137
Westervelt, R.M. *see* Crouch, C.H. 105390
Westervelt, R.M. *see* Crouch, C.H. 105413
Westervelt, R.M. *see* Eriksson, M.A. 94456
Westervelt, R.M. *see* Katine, J.A. 106105
Westervelt, R.T., Klein, W.B., Luger, G. Framework for a general purpose, intelligent control system for particle accelerators 89922
Westerweel, J. *see* Raffel, M. 119947
Westfall, B. *see* Enge, P. 88759
Westfall, B. *see* Thorsteinsson, S. 68755
Westfall, R. *see* Mazarakis, M.G. 69584
Westfold, S. *see* Gomes, C.P. 121273
Westgaard, T.I., Avset, B.S., Ahmed, N.N., Evensen, L. Radiation hardness of punch-through and FET biased silicon microstrip detectors 110566
Westgate, C.R. *see* Sinsky, J.H. 93932
Westhuizen, M.J.van der *see* van der Westhuizen, M.J.
Westhuizen, P.Van Der *see* Van Der Westhuizen, P.
Westin, C.-F., Westelius, C.-J., Knutsson, H., Granlund, G. Attention control for robot vision 86446
Westin, E. *see* Wabnitz, S. 96713
Westlake, A.J.G., Bumby, J.R. Modelling a variable speed permanent magnet wind generator 91472
Westlake, A.J.G., Bumby, J.R., Spooner, E. Damping the power-angle oscillations of a permanent-magnet synchronous generator with particular reference to wind turbine applications 71214
Westland, D. *see* Sottini, S. 75401
Westman, A. *see* Wannberg, G. 79094
Westman, T., Rikkinen, K., Ojanpera, T. DCS1800 based wireless local loop (WLL) 109266
Westmore, B. Object technology 101 [object database management systems] 77897
Westmore, M.S., Fenster, A., Cunningham, I.A. Angular-dependent coherent scatter measured with a diagnostic X-ray image intensifier-based imaging system 80214
Westmoreland, B.F. Periodic patterns in the EEG 90491
Westmoreland, M. *see* Hausladen, P. 117118
Westmoreland, M. *see* Schumacher, B. 66185
Weston, D.A. Grounding and radiation reduction from PCBs 83579
Weston, H. *see* Jodar, L. 92614
Weston, R.G. *see* Clark, J.H. 61363
Weston, S.J. *see* Beavis, A.W. 110890
Westphal, C.H. *see* Jardim, R.F. 84854
Westphal, E., Muhlbauer, A., Muiznieks, A. Calculation of electromagnetic fields in cylindrical induction systems with slitted metallic walls 122081
Westphal, E., Muiznieks, A., Muhlbauer, A. Electromagnetic field distribution in an induction furnace with cold crucible 71915
Westphall, C.B. *see* De Franceschi, A.S.M. 98739
Westrich, H.R. *see* Cygan, R.T. 112286
Westwater, E.R. *see* Fionda, E. 65838
Westwater, E.R. *see* Jacobson, M.D. 120794
Westwater, R., Furht, B. The XYZ algorithm for real-time compression of full-motion video 67358
Westwater, S.P. *see* Joyce, T.B. 103943
Westwood, A.R.C. Materials and society–impacts and responsibilities 92360
Westwood, D. *see* Riley, J. 61227
Westwood, D.I. *see* Clark, S.A. 84206
Westwood, D.I. *see* Cooper, C. 116538
Westwood, D.I. *see* Levermann, A.H. 82662
Weszka, J. *see* Jarzabek, B. 105201
Wetenkamp, L. *see* Nikolov, S. 107176
Weterings, W. *see* Ostler, J. 90043
Wetherall, D.J. *see* Tennenhouse, D.L. 98506
Wetherell, A.M. *see* Ajinenko, I. 90197
Wethkamp, T. *see* Zorn, M. 105147
Wetmore, B. The nuts and bolts of ODBMS 87572
Wettergren, J., Derneryd, A. Mutual coupling between longitudinal slots in cylindrical structures 97386
Wetterling, W.W.E. Philon's line generalized: an optimization problem from geometry 92505
Wettstein, D. *see* Woudsma, R. 93412
Wetzel, C., Fischer, S., Kruger, J., Haller, E.E., Molner, R.J., Moustakas, T.D., Mokhov, E.N., Baranov, P.G. Strongly localized excitons in gallium nitride 62704
Wetzel, C., Haller, E.E., Amano, H., Akasaki, I. Infrared reflection of GaN and AlGaN thin film heterostructures with AlN buffer layers 62703
Wetzel, J. *see* Lii, Y.T. 63454
Wetzel, K. *see* Cleland, J. 98866
Wetzel, P. *see* Roge, T.P. 82623
Wetzels, S.F.C.L., Schellekens, P.H.J. Development of a measuring laser system with nanometer accuracy 76319
Wetzer, J.M. *see* Wouters, P.A.A.F. 81126
Weusthof, H.H. *see* Klootwijk, J.H. 84017
Wevers, M., Niklas, A., Surgeon, M., Froyen, L., Delaey, L. Acoustic emission as a non-destructive testing technique to follow up damage evolution in SiC particle reinforced aluminium matrix composite 113617
Wexelblat, P.M. An alternative addressing scheme for conventional CDMA fiber-optic networks allows interesting parallel processing capabilities 87746
Wexler, A., Gant, E.P. EMC: Test, measurement, and simulation 94001
Wey, C.-L. *see* Huang, R. 104642
Wey Chin-Long *see* Chin-Long Wey
Weyant, T. *see* Elbert, M. 60582
Weydahl, D.J. Flood monitoring in Norway using ERS-1 SAR images 120815
Weyen, D. *see* Van Tichelen, P. 111769
Weyers, M. *see* Beister, G. 65175
Weyers, M. *see* Beister, G. 96380
Weyers, M. *see* Erbert, G. 96313
Weyers, M. *see* Knorr, K. 103907
Weyers, P. *see* Hamacher, T. 69745
Weyers, P. *see* Krizan, P. 69746
Weyers, P. *see* Krizan, P. 100843
Weygand, J. *see* Wu, J.J. 114924
Weyher, J.L. *see* Gilioli, E. 61160
Weyl-Kuo Wang, Wolfe, R., Anthony, P.J. Analysis of magneto-optic nonreciprocal phase shift in asymmetric fibers for all-fiber isolators by variational vector-wave mode-matching method 64714
Weyman, P. *see* Krause, T.W. 115561
Weyman, S. *see* Duquette, R. 102513
Wha Lee Seung *see* Seung Wha Lee
Wha-Tzong Whang *see* Win-Pin Chang 64971
Wha-Tzong Whang *see* Win-Pin Chang 106998
Wha-Tzong Whang *see* Win-Pin Chang 116261
Whajoon Cho, Byoung-Woo Lee Preparation for new information society: from regional cooperation to domestic development in the Asia-Pacific region 87771
Whale, J., Papadopoulos, K.H., Anderson, C.G., Helmis, C.G., Skyner, D.J. A study of the near wake structure of a wind turbine comparing measurements from laboratory and full-scale experiments 111862
Whalen, D.J., Liang, S.-L. Designing satellites for the Asian region 88431
Whalen, J. *see* Metze, G. 114291
Whalen, R.H. *see* Bachmann, E.R. 88790
Whaley, D.R., Armstrong, C.M., Groshart, G., Stolz, R. High performance TWT development for the microwave power module 105076
Whaley, R.C. Optimizing machine/process performance through automatic monitoring 60681
Whaley, S. *see* Atluri, V. 63352
Whaley, S. *see* Xiang, J. 94788
Whall, T.E. *see* Dorozhkin, S.I. 105297
Whall, T.E. *see* Khizhny, V.I. 94474
Whall, T.E. *see* Tang, Y.S. 62922
Whall, T.E. *see* Tang, Y.S. 63001
Whalley, D.C. A model to explain SMT open circuit joints associated with adjacent solder bridges 62479
Whan, C.B., Cawthorne, A.B., Lobb, C.J. Synchronization and phase locking in two-dimensional arrays of Josephson junctions 75347
Whan, C.B., Orlando, T.P. Transport properties of a quantum dot with superconducting leads 105398
Whan, C.B., White, J., Orlando, T.P. Full capacitance matrix of coupled quantum dot arrays: static and dynamical effects 63049
Whan Lee Young *see* Young Whan Lee
Whang, W.T. *see* Liao, C.L. 76223
Whang Hwe Yoong *see* Hwe Yoong Whang
Whang Ick-Ho *see* Ick-Ho Whang
Whang Keum Chan *see* Keum Chan Whang
Whang Ki-Woong *see* Ki-Woong Whang
Whang Wha-Tzong *see* Wha-Tzong Whang
Whanki Yong, Brady, M.L. Efficient component labeling on SIMD mesh processors 67143
Wharam, D.A. *see* Tobben, D. 63817
Wharton, A. *see* Prajapati, K. 115560
Wharton, C.B. *see* Butler, J.M. 105073
Wharton, J.A. *see* Jacobson, G.P. 101389
Wharton, K. *see* Gordon, D. 89680
Whatley, S. *see* Espinoza, S. 92070
Wheadon, R., Tonelli, G., Bilei, G.-M., Bartalini, P., Hall, G. Process dependence of the capacitance of silicon microstrip detectors 100837
Wheadon, R., Tonelli, G., Verdini, P.G., Dell'Orso, R., Bagliesi, G., Vannini, C., Hall, G. Double-sided silicon detectors using n-side pad readout for the CMS silicon inner tracker 100965
Wheadon, R.J. *see* Tonelli, G. 110565
Whearty, R.J. *see* McNutt, W.J. 102787
Wheatley, C.F. *see* Carley, D.R. 106024
Wheatley, C.F. *see* Mouret, I. 74744
Wheatley, C.F. *see* Mouret, I. 106025
Wheatley, C.F. *see* Titus, J.L. 63688
Wheeldon, J. *see* Othonos, A. 85007
Wheeler, B.C. *see* Corey, J.M. 101048
Wheeler, C., Batchelder, A. A study on the emerging pedagogy of televised distance education 92075
Wheeler, E.D., Boone, J.L., Farmer, J.W., Chandrasekhar, H.R. Neutron transmutation doping as an experimental probe for As_{Se} in ZnSe 84095
Wheeler, J.K. *see* Shannon, T.P. 81268
Wheeler, J.P., Haddock, J.L., Loughran, J. Chandrapur back-to-back HVDC link. First steps towards an Indian national grid 81018
Wheeler, K.D. *see* Williams, G.M., Jr. 79525
Wheeler, M.D. *see* Ikeuchi, K. 88667
Wheeler, M.E. *see* Cowsar, L.C. 61105
Wheeler, P.W., Clare, J.C., Sumner, M. The integration of a bi-directional rectifier and a voltage fed inverter in an optimised high performance variable speed AC motor drive system 121996
Wheeler, R.G. *see* Mittal, A. 105286
Wheeler, R.R., Jr. *see* Atwater, J.E. 79455
Whelan, B. *see* Cheese, J. 72156
Whelan, J. *see* Hayden, M. 111584
Whelan, M. *see* Allen, R.L. 63305
Wherrett, B.S. Materials for optical computing 75630
Wherrett, B.S. The nonlinear behaviour of II-VI materials 76108
Wherrett, B.S., Desmulliez, M.P.Y. Optoelectronic smart-pixel arrays for parallel processing 116156
Wherrett, B.S. *see* Blewett, I.J. 65276
Wherrett, B.S. *see* Dines, J.A.B. 85195
Wherrett, B.S. *see* Walker, A.C. 85336
Whetten, F.L., Balanis, C.A. Effects of a dielectric coating on leaky-wave long-slot waveguide antennas 97290
Whichello, A.P., Hong Yan Fast location of address blocks and postcodes in mail-piece images 117739
Whidden, T.K. *see* Allgair, J. 94865
Whidden, T.K. *see* Pan, M. 105826
Whinston, A.B. *see* Gupta, A. 98723
Whinston, A.B. *see* Hamalainen, M. 87658
Whisnant, C.S. *see* Honig, A. 120094
Whitaker, B. Harmonising environmental management throughout the supply chain 60762
Whitaker, C. *see* Kroposki, B. 112382
Whitaker, J.F., Cheng, H., Weller, T.M., Katehi, L.P.B. Guided-wave propagation of terahertz-bandwidth electrical pulses 93664
Whitaker, J.F., Wang, H.H., Sung, C.Y., Sosnowski, T., Norris, T.B., Fujioka, H., Liliental-Weber, Z. Ultrafast carrier response of low-temperature-grown and arsenic-implanted GaAs 114644
Whitaker, J.F. *see* Cheng, H.-J. 95830
Whitaker, J.F. *see* Hwang, J.R. 106962
Whitaker, J.F. *see* Jiunn-Ren Hwang 64992
Whitaker, J.F. *see* Jiunn-Ren Hwang 116232
Whitaker, J.F. *see* Lai, R.K. 106978
Whitaker, J.F. *see* Walukiewicz, W. 114639
Whitaker, J.S. *see* Abe, K. 69708
Whitaker, J.S. *see* Abe, K. 69726
Whitaker, J.S. *see* Akesson, T. 69833

Whitaker, T.J., Freer, R.W., Martin, T., Jones, A.C., Rushworth, S.A. A novel synthetic route to ether-free metal alkyl precursors 103963
Whitaker, T.J., Martin, T., Freer, R.W. Increasing the range of growth temperatures available for GaAs selective area growth using triisopropylgallium and arsine 103932
Whitaker, T.J., Martin, T., Johnson, A.D., Pidduck, A.J., Newey, J.P. Atomic force microscopy studies of substrate cleaning using tris(dimethylamino)arsenic and tris(dimethylamino)antimony and investigations of surface decomposition mechanisms 105631
Whitaker, T.S. Multiphase flow measurement: current and future developments [for offshore industry use] 69040
Whitbread, N.D. *see* Sale, T.E. 85527
Whitbread, T. *see* Arkwright, J.W. 75459
Whitbread, T. *see* Peng, G.D. 75825
Whitbread, T. *see* Peng, G.D. 107142
Whitbread, T.W. *see* Gang Ding Peng 116392
Whitcomb, F. *see* Bushallow-Wilbur, L. 87640
Whitcomb, R.D. *see* Gagnon, J.J. 60584
White, A. *see* Darwin, A.W. 81523
White, A.E. *see* Kohnke, G.E. 88561
White, A.E. *see* Kohnke, G.E. 95939
White, A.G., Ralph, T.C., Bachor, H.-A. Active versus passive squeezing by second-harmonic generation 96625
White, A.J. *see* Clark, A.J. 73875
White, A.L. *see* Hagbae Kim 76502
White, B. *see* Oppermann, I. 97103
White, B. *see* Oppermann, I. 118931
White, B.A. *see* El-Mahy, M.K. 97854
White, B.E. *see* Plies, J.B. 70346
White, C. *see* Wu, J. 110619
White, C.C. *see* Pham, T.V. 81863
White, C.P. *see* Young, R.W., Sr. 71806
White, C.W. *see* Mu, R. 84105
White, D. *see* Barna, G.G. 63392
White, D.E. *see* Calder, H.B. 90492
White, D.J. A homotopy approach for infinite horizon discounted Markov decision processes 82386
White, D.J. Maximising a function over a finite set of actions 82491
White, D.J. Mean-variance analysis in infinite horizon non-discounted Markov decision processes: technical note 103567
White, D.J. On a Markov decision process problem involving the maximum of the difference between two functions: technical note 103574
White, D.R., Galleano, R., Actis, A., Brixy, H., De Groot, M., Dubbeldam, J., Reesink, A.L., Edler, F., Sakurai, H., Shepard, R.L., Gallop, J.C. The status of Johnson noise thermometry 119664
White, G. ViaGrid: An electronic packaging material for the future 103461
White, G. Network management issues in internetworks based on hybrid fiber-coax cable plants 119478
White, G. *see* Perfecto, E.D. 94145
White, G. *see* Wong, K.H. 62516
White, G.A.R. *see* Tromop, R.W. 91041
White, H. *see* Popovici, G. 84090
White, H.P. *see* Fernandes, R. 120670
White, I.H., Penty, R.V., Mason, P.I., Zhu, B. 40 Gbit/s optical communication system 78705
White, I.H. *see* Dowd, P. 65247
White, I.H. *see* Peter, L.M. 94270
White, I.H. *see* Raddatz, L. 65301
White, I.H. *see* Raddatz, L. 65329
White, I.H. *see* Williams, K.A. 65245
White, I.H. *see* Williams, K.A. 116549
White, J. *see* Aluru, N.R. 84550
White, J. *see* Miguel Silveira, L. 60605
White, J. *see* Rahmat, K. 115120
White, J. *see* Tausch, J. 84558
White, J. *see* Telichevesky, R. 82854
White, J. *see* Telichevesky, R. 113664
White, J. *see* Telichevesky, R. 113712
White, J. *see* Thomas, C. 110735
White, J. *see* Whan, C.B. 63049
White, J.C. R&D–a centre for profit, not cost 60506
White, J.D.H. *see* Challis, R.E. 101623
White, J.K. *see* Lumsdaine, A. 74666
White, J.O. *see* Kuhl, J. 62867
White, K. *see* Bickley, M. 89933
White, K. *see* Katulka, G. 116835
White, K.A.B., Dall, I.W., Shellshear, A.J. Association of over-the-horizon radar tracks with tracks from microwave radar and other sources 119270
White, L. *see* Sherman, P. 117476
White, L.B. *see* Perreau, S. 117922
White, M., Arnold, N., Berg, W., Cours, A., Fuja, R., Goral, J., Grelick, A., Ko, K., Qian, Y.L., Russell, T., Sereno, N.S., Wesolewski, W. Performance of the Advanced Photon Source (APS) linear accelerator 89764
White, M. *see* Cho, Y. 79994
White, M. *see* Fuja, R.E. 100579
White, M. *see* Grelick, A.E. 89767
White, M. *see* Moe, H.J. 89761
White, M. *see* Qian, Y.L. 89762
White, M. *see* Sereno, N.S. 89763
White, M. *see* Wagner, W.E., III 113482
White, M.A. *see* Chen, H. 101553
White, M.H. *see* Agarwal, A.K. 105997
White, M.H. *see* Siergiej, R.R. 63954
White, M.H. *see* Uzunoglu, V. 104390
White, M.W. *see* Janet, J.A. 86783
White, N., Waterfall, R. EIT for the condition monitoring of wood poles carrying overhead power lines 102189
White, N. *see* Pham, T.V. 81863
White, N.M. *see* Taner, A.H. 88920
White, P. *see* Tremsin, A.S. 120199
White, P.R. *see* Fackrell, J.W.A. 117383
White, R.D. *see* Simonetti, O.P. 80362
White, R.E. *see* Haran, B.S. 103778
White, R.G. A model for MTI radar clutter 68605
White, R.G. *see* Blacknell, D. 68613
White, R.G. *see* Coe, D.J. 68636
White, R.L. A modular approach to radar processing using VMEbus 88688
White, R.L. *see* Chih-Huang Lai 75145
White, R.L. *see* Gomez, R.D. 84794
White, R.L. *see* Johnson, P.R. 115627
White, R.L. *see* Kikuchi, H. 115644
White, R.L. *see* New, R.M.H. 106517
White, R.L. *see* Run-Han Wang 115761
White, R.L. *see* Wang, C.-T. 115557
White, R.M. *see* Bradley, C.E. 106261
White, R.M. *see* Lee, S.S. 84622
White, R.M. *see* Lixin Jia 115495
White, R.M. *see* Wang, A.W. 110255
White, R.M. *see* Zhang, J. 115631
White, R.V., Miles, F.M. Principles of fault tolerance 61600
White, S. *see* Belikov, S.V. 120187
White, S. *see* David, G. 80077
White, S. *see* David, G. 100863
White, S. *see* Lundin, M. 69805
White, S. *see* Sadoulet, B. 100818
White, S.J. *see* Grimson, W.E.L. 80185
White, T. *see* Swirhun, S. 119223
White, T. *see* Weber, E. 102001
White, T.S. *see* Bishop, J.W. 113964
White, T.S. *see* Najim, S.M. 91331
White, W.A. *see* Van Andrews, G. 93165
White, W.E. *see* Bonlie, J.D. 96235
White, W.E. *see* Chu, K.C. 100369
White, W.E. *see* Sullivan, A. 65123
White, W.E. *see* Sullivan, A. 110413
Whiteaway, J.E.A. *see* Greene, P.D. 96429
Whitehead, D.G. *see* Beckett, P.M. 82193
Whitehead, J.F. Distributed packet dynamic resource allocation (DRA) for wireless networks 108854
Whitehead, M. *see* Petrin, R.R. 110428
Whitehead, M. *see* Petrin, R.R. 111116
Whitehead, M.C. *see* MacKerrow, E.P. 109804
Whitehead, M.C. *see* Quagliano, J.R. 110427
Whitehead, M.L. Monitoring the condition of VRLA standby batteries 81724
Whitehead, M.L. Testing sealed batteries 102944
Whitehead, P. The other communications revolution [TETRA standard] 88291
Whitehead, P.R. *see* Phillips, W.A. 62304
Whitehead, S.T., Peterson, A.N. Time Warner cable's full service network–program management of the FSN virtual organization 119481
Whitehouse, D. *see* Szymanski, J.J. 110589
Whitehouse, D.J. *see* Wang, Z. 117570
Whitehouse, R.S. *see* Wachal, R.W. 81019
Whitelaw, J.H. *see* Hardalupas, Y. 89568
Whiteman, J.L. The technical efficiency of developing country electricity systems 80757
Whiteman, J.R. *see* Shaw, S. 113259
Whiteman, M.E. Applications of distribution automation and demand side management in AMR systems 102281
Whiteman, R. *see* Prance, R.J. 106683
Whiten, W.J. *see* McLachlan, G.J. 67061
Whitesides, G.M. *see* Kim, E. 115041
Whitesides, G.M. *see* Rogers, J.A. 119621
Whitesides, G.M. *see* Xia, Y. 115295
Whitfield, M.D., Jackman, R.B., Rodway, D., Savage, J.A., Foord, J.S. Microwave plasma characteristics during bias-enhanced nucleation of diamond: an optical emission spectroscopic study 113474
Whitfield, M.D., McKeag, R.D., Pang, L.Y.S., Chan, S.S.M., Jackman, R.B. Thin film diamond UV photodetectors: photodiodes compared with photoconductive devices for highly selective wavelength response 89096
Whitfield, R. *see* Deis, G. 106719
Whitford, B.G. *see* Siemsen, K.J. 96094
Whitham, A.R. *see* Chadwick, A.V. 89189
Whitham, K., Amankath, H., Edighoffer, J., Fleckner, K., Gower, E., Lyons, S., Nett, D., Palmer, D., Sheppard, R., Sutter, S., Treas, P., Zante, A., Miller, R., Boni, R., Hsieh, H., Sannibale, F., Vescovi, M., Vignola, G. Installation and commissioning of the e^+/e^- injector for DAΦNE at Frascati 89719
Whitham, K., Lyons, S., Miller, R., Nett, D., Treas, P., Zante, A., Fessenden, R.W., Thomas, M.D., Wang, Y. Linear accelerator for radiation chemistry research at Notre Dame 79804
Whiting, B.R. *see* Yip, K.L. 120386
Whiting, J.S. *see* Eckstein, M.P. 117625
Whiting, J.S. *see* Eckstein, M.P. 120335
Whiting, M. *see* Knuckey, M. 98915
Whiting, P., Grant, A.J., Alexander, P.D. Why design spreading codes for multiuser CDMA channels? 98420
Whiting, P. *see* Grant, A. 66464
Whiting, P.A. *see* Hanly, S.V. 65883
Whiting, T. High reliability cadmium free MLCC termination ink for "Chip Star" dippers 93959
Whiting, W.A. *see* Agan, M.J. 109584
Whitley, T.J. *see* Fleming, S.C. 75852
Whitlock, B. *see* Wong, Y.M. 119220
Whitlock, B.K. *see* Conforti, E. 99539
Whitlock, I.W. *see* Smith, P.M. 80997
Whitlow, H.J. *see* Persson, L. 105730
Whitlow, H.J. *see* Persson, L. 114987
Whitmal, N.A., Rutledge, J.C., Cohen, J. Reducing correlated noise in digital hearing aids 120512
Whitman, L.J., Thibado, P.M., Linker, F., Patrin, J. Versatile sample handling system for scanning tunneling microscopy studies of molecular beam epitaxy 82640
Whitman, L.J. *see* Bennett, B.R. 82681
Whitman, L.J. *see* Thibado, P.M. 61254
Whitman, L.J. *see* Thibado, P.M. 82594
Whitman, R.K., Etter, D.M. Speech coding using a method of discrete energy separation (DESA) 117296
Whitmire, D. *see* Bhandarkar, S.M. 101078
Whitmore, G.M. Coordinate reference systems for high precision geodesy 70442
Whitney, L.A. *see* Norwood, R.A. 115064
Whitney, N. *see* Dobson, K. 86091
Whitney, R. *see* Maly, K.J. 118346
Whitney, R. *see* Maly, K.J. 118500
Whitney, T.M., Green, R.E., Jr. Low temperature characterization of carbon epoxy composites: an application of resonant ultrasound spectroscopy 92985
Whitt, W. *see* Choudhury, G.L. 78030
Whitt, W. *see* Massey, W.A. 98434
Whittaker, D.M. *see* Bradley, D.D.C. 106944
Whittaker, D.M. *see* Fisher, T.A. 65309
Whittaker, D.M. *see* Lidzey, D.G. 75700
Whittaker, D.M. *see* Peggs, D.W. 62971
Whittaker, G., Scott, D.W. Spatial estimation and presentation of regression surfaces in several variables via the averaged shifted histogram 103546
Whittaker, J. *see* Roverato, A. 103613
Whittaker, S.J., Attwater, D.J. Interactive speech systems for telecommunications applications 67660
Whittaker, S.J., Forcella, A., Sidhu, C.K., Hall, M.C. Improving customer service through speech technology 67710
Whittaker, T.J. *see* Beattie, W.C. 102514
Whittard, R. *see* Moore, P.J. 102323
Whitteman, W.J., Ochkin, V.N. *(editors)* Gas Lasers - Recent Developments and Future Prospects. Proceedings of the NATO Advanced Research Workshop 103306
Whitten, J.L. *see* Lucovsky, G. 62767
Whittington, C.J., Podd, J.V. Human performance and physiology: a statistical power analysis of ELF electromagnetic field research 120549
Whittington, C.J., Podd, J.V., Rapley, B.R. Acute effects of 50 Hz magnetic field exposure on human visual task and cardiovascular performance 70264
Whittington, H.W. *see* Bellhouse, G.M. 121343
Whittington, H.W. *see* Robson, I.A. 80857
Whittington, H.W. *see* Wilson, D.H. 80938
Whittington, H.W. *see* Wilson, D.H. 111726
Whittington, J. Power Electronics Measurement Seminar 82946
Whittle, S. *see* Hartung, T. 98903
Whittle, S. *see* Tinniswood, A.D. 65811
Whittle, T., Godden, P. Pipeline SCADA: the ultimate test 119564
Whittlesey, A.C. *see* Garrett, H.B. 120584
Whittlestone, S. *see* Zahorowski, W. 101574
Whitton, V.J. *see* Beavis, A.W. 110890
Whittum, D. *see* Bane, K. 89979
Whittum, D. *see* Kozawa, T. 89681
Whittum, D. *see* Kwok, P. 89918
Whitworth, I.R., Khondkar, B.K. Inference of physical texture from visual texture for autonomous vehicle scene interpretation 97976
Whyborn, N.D. Complete multi-feed systems for radio astronomy 68793
Whyborn, N.D., Emrich, A.J.G. The SISYFOS spectrometer: description and progress report 68812
Whyborn, N.D. *see* Delgado, G.F. 68818
Whyte, C.G. *see* Little, C.E. 116376
Whyte, R.A. On-line container seal inspection systems for quality assurance and process control 89561
Wiak, S. *see* Dems, M. 81467
Wiak, S. *see* Di Barba, P. 81495
Wiak, S. *see* Pelikant, A. 71284
Wiart, J., Pajusco, P., Levy, A., Bic, J.-C. Analysis of microcellular wide band measurements in Paris 85877
Wiatrzyk, J.M. *see* Street, A.J. 84927
Wibbels, B. *see* Ravn, H.F. 90914
Wiberg, N., Loeliger, H.-A., Kotter, R. Codes and iterative decoding on general graphs 66471
Wiburg, K.M., Gonzales, C.L. Nuestra Tierra [educational technology research project] 92051
Wichert, G.von *see* von Wichert, G.
Wichert, T. Radioactive probe atoms in semiconductors 62701
Wichert, T. *see* Filz, T. 74163
Wichmann, R. *see* Dubbs, T. 80026
Wichmann, R. *see* Dubbs, T. 100839
Wichmann, R. *see* Dubbs, T. 100849
Wichmann, R. *see* Unno, Y. 80035

Wick, D.V., Nelson, T.R., Jr, Lindmark, E.K., Gibbs, H.M., Khitrova, G., Tai, K. Semiconductor microcavities in the strong coupling regime 96576
Wickboldt, P., Dawen Pang, Chen, J.H., Cheong, H.M., Paul, W. Examination of (crystallized a-Ge:H)/a-SiN$_x$:H multilayers which display photoluminescence 94514
Wickboldt, P., Dawen Pang, Paul, W., Chen, J.H., Fan Zhong, Cohen, J.D., Yan Chen, Williamson, D.L. Improved a-Si$_{1-x}$Ge$_x$:H of large x deposited by PECVD 92837
Wickboldt, P. *see* Drusedau, T.P. 92798
Wickelgren, I.J. Local-area networks go wireless 109005
Wickenden, C.A. *see* Hayward, A.C. 65874
Wickenden, D.K. *see* Miragliotta, J. 116200
Wicker, S.B. *see* Rasmussen, L.K. 77757
Wicker, S.B. *see* Souissi, S. 87382
Wicker, S.B. *see* Tapp, T.L. 119049
Wicker, S.B. *see* Wang, X. 76732
Wicker, S.B. *see* Xiao-An Wang 62092
Wicker, S.B. *see* Xiao-An Wang 66478
Wicker, S.B. *see* Zaidan, M.Y. 66315
Wickert, J.A. *see* Fang, W. 113578
Wickert, M.A., Ionescu, D.M. Multipath channel parameter estimation using the wavelet transform 108745
Wickert, M.A., Jacobsmeyer, J.M. GMSK receiver performance with narrowband FM interference on a cellular radio channel 109524
Wickham, G.R. *see* Lewis, P.A. 111396
Wickham, M., Dozal, L., Lembo, L., Brock, J. A fiber-optic Bragg grating true-time delay generator for broadband RF applications 66181
Wickman, C. *see* Kakui, M. 78760
Wickramanayaka, S., Hatanaka, Y., Nakanishi, Y., Wrobel, A.M. Mechanism of plasma assisted a-SiC:H film deposition 92853
Wickramanayaka, S., Kitamura, K., Kominami, H., Nakanishi, Y., Hatanaka, Y. Optical properties of plasma polymerized a-SiC:H films 114658
Wickramanayaka, S., Kitamura, M., Nakanishi, Y., Hatanaka, Y. Variation of stress and hardness of a-SiC:H films with film composition 74290
Wickramanayaka, S. *see* Aoki, T. 61172
Wickramanayaka, S. *see* Hatanaka, Y. 113479
Wickramasinghe, V.R. *see* Ghassemlooy, Z. 68480
Wickremasinghe, P.M. *see* Kularatna, A.D.V.N. 87541
Wicks, A.L. *see* Xiandi Zeng 79688
Wicks, G. *see* Krol, M.F. 116408
Wicks, G.W. *see* Wamsley, C.C. 82689
Wicks, G.W. *see* Wamsley, C.C. 107242
Wicks, M. *see* Sarkar, T.K. 97058
Wicks, M.C. *see* Blum, R.S. 109725
Wicks, M.C. *see* Brown, R.D. 109726
Wicks, M.C. *see* Currie, N.C. 119722
Wicks, M.C. *see* Melvin, W.L. 109714
Wicks, M.C. *see* Narayana, S.M. 86292
Wicks, M.C. *see* Narayana, S.M. 113068
Wicks, T. *see* Summerfield, S. 114108
Wicks, V.R. *see* Dunn, G.M. 69184
Wicksted, J.P. *see* Mian, S.M. 65414
Widarta, A., Kuwano, S., Kokubun, K. Unified solutions of the scattering coefficients of E-plane junctions in rectangular waveguides 85947
Widder, W. *see* Nittke, A. 75326
Widdowson, T. *see* Richardson, D.J. 68365
Widdowson, T. *see* Shan, X. 65099
Widdra, W. *see* Yi, S.I. 94218
Wide, P. A human perception related chaos based sensor fusion system for on-line supervisory control 119557
Widgren, J. *see* Litvinenko, V.N. 79873
Widjaja, I., Kurnia, A., Divan, D., Shenai, K. Dynamics of punch-through and non punch-through IGBT turn-on mechanism in resonant converters 63592
Widjaja, I., Neuts, M.F., Jian-Min Li Conditional overflow probability and profile curve for ATM congestion detection 87349
Widjaja, J., Tomita, Y. Photorefractive optical combinatorial digital logics 85206
Widjaja, J., Tomita, Y. Particle image velocimetry using wavelet-matched filters 110382
Widjajanto, B., Sutanto, A., Rukandi, D., Supriyo, Susilowati, E., Sutisna, S. TELKOM Indonesia: a strategy between network-based and service-based expansion 87610
Widmann, E. *see* Niestroj, A. 80008
Widmann, P. *see* Blum, W. 80038
Widmann, P. *see* Blum, W. 100844
Widmann, P. *see* Blum, W. 110148
Widmark, A. *see* Olerud, H.M. 120362
Widmer, A., Wrenner, K., Ainspan, H., Parker, B., Austruy, P., Brezzo, B., Haen, A.-M., Ewen, J., Soyuer, M., Blanc, A., Abbiate, J.-C., Deutsch, A., Hyun Shin Single chip 4×500 Mbaud CMOS transceiver 78352
Widmer, R. *see* Sochtig, J. 64780
Widmer, S. *see* Thampi, K.R. 81804
Widmer, T., Schikora, D., Hendorfer, G., Machel, G., Barczewski, M., Jantsch, W., Lischka, K., von Ortenberg, M. Epitaxial growth and physical properties of HgSe:Fe layers and microstructures 61186
Widmer, T. *see* Schikora, D. 72789
Widmer, Th. *see* Schikora, D. 61233
Widom, A., Srivastava, Y.N., Sassaroli, E. Quantum "1/ω" noise and space-like photon propagation 104297
Widom, A. *see* Prance, R.J. 106683
Widrow, B., Kollar, I., Ming-Chang Liu Statistical theory of quantization 66672
Wie, C.R. *see* Huang, Z.C. 99989
Wieberneit, M., Lackmann, R. An approach to a liquid crystal voltage contrast test system 99887
Wiecek, B. 2-D numerical natural convection modelling and its thermography validation in microelectronics 60603
Wiecek, B. Modelling and thermography measurements of surface mounted ICs 63879
Wiecek, B. Advanced architecture of multi-DSP system for graphics and video applications 98334
Wiecek, D. COFDM—modulation and channel coding of DAB system. III 99715
Wiecher, D.U. *see* Bachmann, P.K. 114905
Wiechmann, E.P., Ward, P.A., Rodriguez, J.R. Industrial power system configuration criteria focused on power quality improvement 91976
Wiechmann, W. *see* Oka, M. 96698
Wieck, A.D. *see* Crell, C. 63230
Wieck, A.D. *see* De Vries, D.K. 63266
Wieck, A.D. *see* de Vries, D.K. 74754
Wieckowski, T.W. Verification of mobile communications projects 118829
Wieczorek, A. Versorgung und Schutz der Spulensysteme am Wendelstein 7-X (Power supply and safety system of the coil system of Wendelstein 7-X) 71545
Wieczorek, K. *see* Crell, C. 63230
Wiedeburg, K.H. The engine of semiconductor technology 95167
Wiedeman, S., Kessler, J., Lommasson, T., Russell, L., Fogleboch, J., Skibo, S., Arya, R. Challenges in large-area, thin-film CIGS modules 112334
Wiedemann, H. *see* Bocek, D. 96450
Wiedemann, H. *see* Tatchyn, R. 96526
Wiedemann, P. *see* Idler, W. 96706
Wiedemann, P. *see* Schilling, M. 99599
Wiedemann, P. *see* Weinmann, R. 75597
Wiedemeier, H., Ge, Y.-R. Transient behavior of Hg$_{1-x}$Cd$_x$Te films deposited on (100) CdTe substrates by chemical vapor transport 103964
Wiedemeier, H. *see* Ge, Y.-R. 104126
Wiedenbeck, M.E. *see* Allbritton, G.L. 80079
Wiedenbeck, M.E. *see* Allbritton, G.L. 100826
Wiedenbrug, E. *see* Wallace, A.K. 71771
Wiedenhofer, A. *see* Kozlowski, F. 96042
Wiedenhofer, A. *see* Steiner, P. 94275
Wieder, A.W. Status, trends and challenges in microelectronics for the next 10 to 15 years 63841
Wieder, A.W. Mapping the future of microelectronics 115285
Wieder, H.H. *see* Young, A.P. 83914
Wiederhold, P.R. Sensors and instrumentation for the detection and measurement of humidity 89025
Wiederhold, P.R. The cycling chilled mirror dew point hygrometer 119613
Wiederick, H.D. *see* Sherrit, S. 106347
Wiederspahn, L., Chung, K., Canyon, J. Simulation of active circuit survivability 73819
Wiedman, T.E. *see* Hussain, B. 121229
Wiedman, T.E. *see* Tengdin, J.T. 121262
Wiedmann, F. *see* Hesselbarth, J. 119854
Wiedmann, F. *see* Huyart, B. 69465
Wiedmann, H., Dechaux, C. The way forward for digital cellular in road transport. New services based on the existing telecommunications infrastructure 99324
Wiedmann, W. *see* Albers, D. 69756
Wiegand, R. *see* Biewendt, V. 71598
Wiegel, B. Secure external references in multimedia Email messages 78191
Wiegerink, R., Ten Pierick, H., Jaspers, C., De Haan, W., De Greef, D. Variable-gamma circuit for colour television based on the MOS voltage-translinear principle 68847
Wiegerink, R.J. Computer aided analysis and design of MOS translinear circuits operating in strong inversion 62068
Wiegerink, R.J. *see* Holzmann, P.J. 104377
Wiegers, S.A.J. *see* Penning, F.C. 99902
Wiegert, R. *see* Koch, R.H. 95510
Wiegmann, G. *see* Schafer, H. 119801
Wiel, M.J.van der *see* van der Wiel, M.J.
Wiel, O.van de *see* van de Wiel, O.
Wiel, S.A.Vander *see* Vander Wiel, S.A.
Wiele, F.van de *see* van de Wiele, F.
Wieler, M. *see* Rongching Dai 80421
Wieler, R. *see* Zaifu Zhang 73047
Wielgosz, R.I. *see* Peter, L.M. 94256
Wielgosz, R.I. *see* Peter, L.M. 94270
Wieman, H. *see* Beuville, E. 90203
Wieman, H. *see* Beuville, E. 100968
Wieman, H. *see* Klein, S.R. 90223
Wieman, H. *see* Klein, S.R. 100976
Wieme, R. *see* De Moor, G. 108130
Wiemerslage, G. *see* Trakhtenberg, E. 100431
Wiemhofer, H.-D. *see* Lee, H.Y. 81808
Wienands, H.-U. *see* Donald, M.H.R. 79978
Wienands, U., Daly, E., Heifets, S.A., Kulikov, A., Kurita, N., Nordby, M., Perkins, C., Reuter, E., Seeman, J.T., Belser, F.C., Berg, J., Holdener, F.R., Kerns, J.A., McDaniel, M.R., Stoeffl, W. The vacuum system for the PEP II High Energy Ring straight sections 89916
Wienands, U., Reuter, E., Seeman, J.T., Davies-White, W., Fisher, A., Fox, J., Genova, L., Gracia, J., Perkins, C., Pietryka, M., Schwarz, H., Taylor, T., Jackson, T. Status of the high energy ring of the PEP II B-Factory 79958
Wienands, U. *see* Caussyn, D.D. 119984
Wienands, U. *see* Heifets, S. 89624
Wiencken, M. *see* Schlott, V. 79831
Wienecke, M. *see* Bollmann, J. 74519
Wienecke, M. *see* Oldekop, E. 74222
Wiener, E., Schad, L.R., Baudendistel, K.T., Essig, M., Muller, E., Lorenz, W.J. Functional MR imaging of visual and motor cortex stimulation at high temporal resolution using a flash technique on a standard 1.5 Tesla scanner 101272
Wiener, E.C. *see* Hanson, J.M. 101303
Wiener, M.J. *see* van Oorschot, P.C. 76835
Wiener, M.J. *see* Van Oorschot, P.C. 97504
Wiener, S. *see* Wilder, J. 117894
Wienhard, K. *see* Bruckbauer, T. 90431
Wienhold, F.G., Fischer, H., Harris, G.W. Fast response tunable diode laser spectroscopy for trace gas flux measurements 70523
Wierckx, R.P. *see* Kuffel, R. 80756
Wierckx, R.P. *see* Kuffel, R. 80795
Wierckx, R.P. *see* Kuffel, R. 101704
Wierman, K.W., Kirby, R.D. Magnetic and magneto-optical properties of Mn$_x$Pt$_{1-x-y}$Zn$_y$ 75191
Wierman, K.W. *see* Hilfiker, J.N. 75189
Wiesbeck, W., Clehon, D.J. The link from Heinrich Hertz to modern communication 103531
Wiesbeck, W. *see* Bornkessel, C. 107938
Wiesbeck, W. *see* Cichon, D.J. 109498
Wiesbeck, W. *see* Cui, T.J. 107856
Wiesbeck, W. *see* Cui, T.J. 111144
Wiesbeck, W. *see* Cui, T.J. 120917
Wiesbeck, W. *see* Gottwald, G. 66059
Wiesbeck, W. *see* Kuchen, F. 119366
Wiesbeck, W. *see* Kuchen, F. 119368
Wiesbeck, W. *see* Pillai, E. 93899
Wiesbeck, W. *see* Rostan, F. 66171
Wiesbeck, W. *see* Rostan, F. 97374
Wiesbeck, W. *see* Zimmermann, B. 79314
Wiese, J. *see* Vanfleteren, J. 114472
Wiese, W.L. *see* Griesmann, U. 104986
Wiesen, P., Kleffmann, J., Kurtenbach, R., Becker, K.H. Emission of nitrous oxide and methane from aero engines: monitoring by tunable diode laser spectroscopy 70524
Wiesendanger, R. *see* Lohndorf, M. 64382
Wiesendanger, R. *see* Lohndorf, M. 75129
Wiesenfeld, J.M. Wavelength conversion techniques 78689
Wiesenfeld, J.M. Gain dynamics and associated nonlinearities in semiconductor optical amplifiers 85468
Wiesenfeld, J.M. *see* Feuer, M.D. 95829
Wiesenfeld, J.M. *see* Lenz, G. 65519
Wiesenfeld, K. New results on frequency-locking dynamics of disordered Josephson arrays 95469
Wieser, A. *see* Bulur, E. 110963
Wieser, R.S. High dynamic 440 kW AC drive for combustion engine test stands 91831
Wiesmann, D. *see* Heitz, R. 74211
Wiesmann, D. *see* Hoffmann, A. 74210
Wiesner, P.K. Meeting educational needs through electronic delivery systems 60485
Wiess, M. *see* Lorenz, J. 74817
Wietfeld, C. *see* Rokitansky, C.-H. 88126
Wietfeld, C. *see* Rokitansky, C.-H. 98460
Wieting, M.G. *see* Miller, M.G. 109754
Wieting, R.D. The application of statistical process control to the development of CIS-based photovoltaics 112335
Wieting, T.J., Andreadis, T.D., Kidd, J.M., Quade, W., Namenson, A.I., Libello, L.F., Schleisiger, C.D., Butler, C.M. Electromagnetic field investigations inside a hollow cylinder 79676
Wietschel, M., Dorn, R., Mollenkopf, C., Zundel, T., Rentz, O. The UN-ECE protocols of the second generation 120879
Wiezel, L. *see* Lehmann, E. 110496
Wigard, J., Mogensen, P.E., Frederiksen, F., Norklit, O. Evaluation of optimum diversity combining in DECT 99157
Wigderson, A. *see* Babai, L. 92460
Wigen, P. *see* Ounadjela, K. 64352
Wigger, B. The effects of unplanned power changes in a nuclear plant on fuel cycle costs 111721
Wiggins, C.M. *see* Gavazza, R.J. 102914
Wight, D.R. *see* Plimmer, S.A. 63545
Wight, D.R. *see* Plimmer, S.A. 74689
Wight, G.W. *see* Zelenski, A.N. 90070
Wight, G.W. *see* Zelenski, A.N. 120077
Wight, M. *see* Popescu, P. 67992
Wightman, C.W., Martinez, G. CSPOT: a real-world corpus for command spotting 97615
Wightman, G.C. *see* Graedel, T.E. 72373
Wights, J.W. *see* Hien Do-Ky 62247
Wigley, P.J. *see* Dixon, G.J. 65517
Wigmore, J.K. *see* Poelaert, A. 69909
Wihann, G. *see* Tschanun, I. 92001
Wihlborg, S. *see* Rolfsman, L. 82014
Wiik, K. *see* Peltonen, J.K. 99710
Wiitanen, D.O. *see* Bohmann, L.J. 91495
Wiitanen, D.O. *see* King, R.L. 92093
Wijaranakula, W. Iron precipitation at oxygen related bulk defects in Czochralski silicon 62678

Wijaranakula, W., Gupta, D.C. Characterization of the crystalline quality of the silicon layer in bonded SOI silicon material 63159
Wijaya, H. *see* Yap, A. 79762
Wijayakulasooriya, J.V., Jinadasa, W.M.N.L., Sellathurai, M., Fernando, M.A.R.M., Hoole, P.R.P. Neural network nonlinear classifier for on-line stability evaluation [of power systems] 101749
Wijayakulasooriya, J.V. *see* Alahakoon, U.S.K. 91906
Wijayasuriya, S.S.H., Norton, G.H., McGeehan, J.P. A sliding window decorrelating receiver for multiuser DS-CDMA mobile radio networks 99228
Wijbrans, R.A. *see* de Ridder, R.M. 64663
Wijburg, R. *see* Kuper, F. 95124
Wijeratna, D.G.D.C. *see* Sellathurai, M. 95287
Wijesekera, D., Srnastava, J. Quality of service (QoS) metrics for continuous media 118606
Wijesundera, L. *see* Kularatna, A.D.V.N. 87541
Wijewarnasuriya, P.S., Faurie, J.P., Sivananthan, S. Doping of (211)B mercury cadmium telluride 74527
Wijewarnasuriya, P.S. *see* Sivananthan, S. 74543
Wijk, F.van der *see* van der Wijk, F.
Wijma, S., Aerts, A.T., van der Plicht, J., Zondervan, A. The Groningen AMS facility 100993
Wijnands, F.H.G.M. *see* Haes, J. 76540
Wijnbergen, J.J. *see* de Nivelle, M.J.M.E. 101555
Wijnen, P.van *see* van Wijnen, P.
Wijngaarden, A. *see* Schouhamer-Immink, K.A. 117152
Wijngaarden, A.J.van *see* van Wijngaarden, A.J.
Wijngaarden, A.van *see* van Wijngaarden, A.
Wijs, M.C.J.de *see* de Wijs, M.C.J.
Wikborg, E. *see* Gevorgian, S. 114232
Wiklund, M. *see* Hsieh, J. 87804
Wiklund, P.-J., Johansson, C., Stephansson, P. CMOS ASICs for voltages of up to 40 V 82911
Wikman, P. *see* Hatzikonstantinidou, S. 94567
Wikner, D. *see* Lovberg, J. 111178
Wiksell, G. *see* DiGiovine, A.S. 81269
Wikswo, J.P., Jr. *see* Yu Pei Ma 61475
Wila, W. Mathematical model of electrical machine for analysis of insulation reliability state 81385
Wilamowaki, B.M., Jaeger, R.C., Padgett, M.L., Myers, L.J. CMOS implementation of a pulse-coupled neuron cell 104761
Wilamowski, B.M. *see* Ota, Y. 73599
Wilamowski, Z. *see* Ostermayer, G. 64897
Wilamowskzi, Z., Jantsch, W., Faschinger, W. Polaronic effects in short period CdTe/MnTe superlattices 62884
Wilanowicz, R. *see* Brociek, W. 112493
Wilberg, J., Kuth, A., Vierhaus, H.-T., Camposano, R., Rosenstiel, W. A design exploration environment 93050
Wilbertz, C. *see* Kalbitzer, S. 94681
Wilbrandt, S. *see* Stenzel, O. 75391
Wilbur, P. *see* Katz, I. 120637
Wilburn, C.D. *see* Beck, G.A. 69775
Wilburn, W.S. *see* Haase, D.G. 120095
Wilcox, C.A. ATDNet research at the National Security Agency 98682
Wilcox, C.D., Roman, G.-C. Reasoning about places, times, and actions in the presence of mobility 68115
Wilcox, D.J., Leonard, D.J. A new EMTP transformer model based on modal analysis 112035
Wilcox, L.D., Niles, L.T. Maximum mutual information vector quantization 67110
Wilcox, R.B. *see* Burkhart, S.C. 85415
Wilcox, R.B. *see* Pennington, D.M. 85424
Wilcox, R.E. *see* Kalafala, A.K. 102820
Wilcoxon, J.P., Craft, S.A., Thurston, T.R. Performance of a high-resolution, synchrotron-based, small-angle X-ray scattering instrument 120249
Wilcoxson, M.H., Manousiouthakis, V.I. Modeling of a two-dimensional RF discharge [plasma etching] 63406
Wilczewski, F. Bending loss of the even and odd leaky modes in single-mode fibres with arbitrary index profiles 75499
Wild, C. *see* Abdel-Wahab, H. 112811
Wild, C. *see* Maly, K. 109249
Wild, C. *see* Samlenski, R. 92740
Wild, D. *see* Bhattacharya, P. 86897
Wild, G. *see* Sadek, K. 111571
Wild, J.R. *see* Rainina, E.I. 110239
Wild, N.C. *see* Felber, F.S. 119292
Wild, P. *see* Piper, F. 86045
Wild, U. *see* Krylov, V. 96228
Wild, U.P. *see* Graf, F.R. 76124
Wilde, A. Resynchronising delay-locked loop 73171
Wilde, A. Modified delay-locked loop for fading channels 87270
Wilde, A. On the performance of extended tracking range delay-locked loops 88172
Wilde, A., Bernhard, U.P. Mean time to lose lock for a second-order extended tracking range delay-locked loop 99078
Wilde, D.J. Foundations of a strong monotonicity theorem 60884
Wildenberg, A. *see* Reynard, D. 67249
Wildenhain, P.W. *see* Elliott, S.R. 80104
Wilder, D.G. *see* McLay, R.W. 69913
Wilder, J., Phillips, P.J., Cunhong Jiang, Wiener, S. Comparison of visible and infra-red imagery for face recognition 117894
Wilder, K., Singh, B., Arnold, W.H. Novel in-line applications of atomic force microscopy 72322
Wilder, K., Singh, B., Arnold, W.H. Sub-0.35-micron critical dimension metrology using atomic force microscopy 115083
Wilder, M. *see* Dubbs, T. 80026
Wilder, M. *see* Dubbs, T. 100839
Wilder, M. *see* Dubbs, T. 100849
Wilder, M. *see* Lin, Q. 115066
Wilder, M. *see* Unno, Y. 80035
Wilder, M. *see* Unno, Y. 100858
Wilderman, S.J., Rogers, W.L., Knoll, G.F., Engdahl, J.C. Monte Carlo calculation of point spread functions of Compton scatter cameras 101252
Wilderman, S.J. *see* Flynn, M.J. 101266
Wilderman, S.J. *see* Flynn, M.J. 101292
Wildermuth, S. *see* McKinnon, G.C. 80349
Wildes, R. *see* Lanzillotto, A. 69571
Wildes, R.P., Asmuth, J.C., Green, G.L., Hsu, S.C., Kolczynski, R.J., Matey, J.R., Mcbride, S.E. A machine-vision system for iris recognition 86334
Wildes, R.P. *see* Dana, K.J. 77179
Wildfeuer, H. *see* Chen, G.H. 87637
Wildman, D. *see* Dey, J. 89875
Wildman, D. *see* Dey, J. 100507
Wildman, D. *see* Dey, J. 100508
Wildman, D. *see* Dey, J. 100656
Wildmoser, J. *see* Schopflin, A. 119208
Wildner, E. *see* Autin, B. 89923
Wildner, E. *see* Blas, F. 79935
Wiles, C., Brady, M. On the appropriateness of camera models 67292
Wiles, C., Brady, M. Ground plane motion camera models 67293
Wiles, C. *see* Li, F. 67234
Wiles, C.M. *see* Hughes, T.A.T. 80395
Wiles, C.M. *see* Hughes, T.A.T. 120463
Wiles, J. *see* Hooper, G.S. 120416
Wiley, R.W. *see* Morse, S.E. 90704
Wilfong, D.H. Different types of power quality conditioning equipment available today 91636
Wilhelm, I. *see* Borisov, N.S. 120104
Wilhelm, J. *see* Nagy, W. 109752
Wilhelm, J.A., Van Der Walt, P.W. Development of a preamplifier for S-band radar application 119302
Wilhelm, M. *see* Klose, H.A. 106815
Wilhelm, R. *see* Decoutere, S. 84324
Wilhelm, T. *see* Hauger, C. 120396
Wilhelm, U. *see* Knorr, C. 95837
Wilhelmi, Z. *see* Calen, H. 120194
Wilhelmsson, K. *see* Dahlfors, F. 101857
Wilhelmsson, K. *see* Eriksson, J. 101851
Wilhelmsson, K. *see* Wang, J.P. 101869
Wilhelmsson, K. *see* Wang, J.P. 101880
Wilhelmsson, L. On binary-to-q-ary codes over groups 66407
Wilhoyte, M.E., Ogunfunmi, T. Convergence properties of the frequency domain block-LMS Volterra adaptive filter 97702
Wilinski, P., Solaiman, B., Hillion, A., Czarnecki, W. Texture mixture modelling using the neural network approach 108612
Wilk, E. *see* Wilk, J. 104742
Wilk, J., Wilk, E., Morgenstern, B. Speed-up of learning in second order neural networks and its application to model synthesis of electrical devices 104742
Wilk, T. Proving how HFC networks can offer 99.99% reliability 109687
Wilk-Wilczynski, A.L. *see* Alonso, J.L. 91084
Wilke, G.D. *see* DeLoach, L.D. 65346
Wilke, G.D. *see* Page, R.H. 65166
Wilke, I. *see* Hirakawa, K. 105263
Wilke, I. *see* Vosseburger, M. 62814
Wilke, L. *see* Vosseburger, M. 114726
Wilkening, G. *see* Barbato, G. 68958
Wilkening, G. *see* Danzebrink, H.U. 79416
Wilkening, G. *see* Danzebrink, H.U. 99997
Wilkening, G. *see* Jusko, O. 79335
Wilkening, G. *see* Hasche, K. *(editor)* 72021
Wilkening, W. *see* Wolf, H. 115147
Wilkens, B. *see* Brehmer, D.E. 63561
Wilker, C. *see* Zhi-Yuan Shen 73654
Wilkerson, J.F. *see* Elliott, S.R. 80104
Wilkes, D.M. *see* Al-Smadi, A. 108265
Wilkes, D.M. *see* Asaad, S. 77453
Wilkie, D., Hensen, M. A study of EEPROM endurance correlation with wafer level reliability data 61915
Wilkie, J. *see* Maselli, F.P. 80579
Wilkie, S. *see* Conley, J.P. 82391
Wilkie, S. *see* Pan, F. 115987
Wilkins, B.R. *see* Zwolinski, M. 73114
Wilkins, E., Atanasov, P. Glucose monitoring: state of the art and future possibilities 80175
Wilkins, E. *see* Black, J. 110655
Wilkins, E. *see* Krishnan, R. 79584
Wilkins, M. *see* Black, J. 110655
Wilkinson, A.A. *see* Fisher, B.J. 70000
Wilkinson, A.J. *see* Griffiths, H.D. 68678
Wilkinson, C. *see* Szymanski, J.J. 110589
Wilkinson, C. *see* Wang, T. 89991
Wilkinson, C.A. *see* Chan, K.C.D. 89690
Wilkinson, C.D.W. *see* Reeves, C.M. 63776
Wilkinson, C.D.W. *see* Ruhrig, M. 115519
Wilkinson, D. Data bus technology application–Boeing 777 autothrottle servo motor 90719
Wilkinson, D. *see* Hine, N.A. 118641
Wilkinson, G.P. *see* Challis, R.E. 101623
Wilkinson, J. *see* Kouvatsos, D.D. 77586
Wilkinson, J.H. The optimal use of I, P and B frames in MPEG-2 coding 117692
Wilkinson, J.H. The serial digital data interface (SDDI) 119462
Wilkinson, J.S. *see* Gnewuch, H. 95733
Wilkinson, J.S. *see* Hickey, L.M.B. 64592
Wilkinson, J.S. *see* Luff, B.J. 69329
Wilkinson, J.S. *see* Wilson, R. 79583
Wilkinson, L.C. *see* Walker, A.C. 85336
Wilkinson, M. *see* Fisher, M. 67965
Wilkinson, M. *see* Wei Jin 69225
Wilkinson, P.B. *see* Fromhold, T.M. 62951
Wilkinson, R.E. *see* Wallace, A.R. 91380
Wilkinson, R.H., Horn, A., Enslin, J.H.R. Control options for a bi-directional multilevel traction chopper 122027
Wilkinson, R.H., Horn, A., Enslin, J.H.R., Randewijk, P. Improved power quality in DC traction substations 71837
Wilkinson, R.H. *see* Horn, A. 103120
Wilkinson, R.J. *see* Bennett, D.W. 78452
Wilkinson, R.J. *see* Parsons, K.J. 78603
Wilkinson, S.T. *see* Jokerst, N.M. 75770
Wilkinson, T., Phipps, T.G.C., Barton, S.K. A report on HIPERLAN standardization 78068
Wilkinson, T.A. *see* Jones, A.E. 117940
Wilkinson, V.A., Kelly, M.J. Manufacturability of quantum semiconductor devices 63803
Wilkosz, A. *see* Sarkisov, S.S. 95746
Wilkosz, K. Critical evaluation of methods for power system topology verification 101705
Wilks, S.P. *see* Clark, S.A. 84206
Will, T.J. *see* Yeh, S.Y. 77878
Willander, M., Fu, Y. Tunneling phenomena in semiconductor nanostructures 114791
Willander, M. *see* Cao, S.M. 114765
Willander, M. *see* Chen, J.X. 84342
Willander, M. *see* Fu, Y. 106108
Willander, M. *see* Jain, S.C. 62899
Willander, M. *see* Jain, S.C. 83953
Willander, M. *see* Kindlihagen, A. 64988
Willander, M. *see* Ouacha, H. 114816
Willander, M. *see* Radamson, H.H. 114696
Willander, M. *see* Shen, G.D. 84339
Willander, M. *see* Tolstikhin, V.I. 96354
Willander, M. *see* Wenlan Xu 69174
Willatzen, M. *see* Lew Yan Voon, L.C. 62975
Willcox, A.R.K. *see* Peggs, D.W. 62971
Willcox, J.S. *see* Bellingham, J.G. 90832
Willebeek-LeMair, M. *see* Cohen, R. 78086
Willebeek-LeMair, M. *see* Kandlur, D.D. 109209
Willebeek-LeMair, M.H. *see* Yuan-Chi Chang 87873
Willeke, F. Comparison of measured and calculated dynamic aperture 100629
Willeke, F. *see* Bruning, O. 120056
Willeke, F. *see* Bruning, O.S. 69653
Willeke, F. *see* Bruning, O.S. 79934
Willeke, F. *see* Bruning, O.S. 120057
Willeke, F. *see* Sen, T. 100634
Willekens, P. *see* Van Canneyt, M. 98943
Willemin, M. *see* Rossel, C. 79287
Willems, F., Casadei, F. Weighted coding methods for binary piecewise memoryless sources 66409
Willems, F.M.J., Shtarkov, Y.M., Tjalkens, T.J. Context weighting for general finite-context sources 97550
Willems, F.W., Muys, W., van der Plaats, J.C. Experimental verification of self-phase-modulation-induced nonlinear distortion in externally modulated AM-VSB lightwave systems 88565
Willems, F.W., Muys, W., van der Plaats, J.C., Nuyts, R. Experimental verification of self-phase-modulation induced nonlinear distortion in externally modulated AM-VSB lightwave systems 88589
Willems, F.W., van der Plaats, J.C. Low-cost measurement of inversion locked gain-slope: ASE-slope method and its application range 65083
Willems, F.W. *see* Muys, W. 78816
Willems, G. *see* Eun Gu Lee 95279
Willems, J., Dreehsen, B. NOVELL networking system for embedded applications, using the "NEST"-Information Software Developer's kit 118375
Willems, J.C., Fagnani, F. Deterministic Kalman filtering in a behavioral setting 77156
Willems, M.L.A., Stevels, A.L.N. A financial model for environment-friendly changes in designs of electronic products 60745
Willems, P. *see* Dietze, C. 95965
Willemson, H. *see* Gamelin, J. 88652
Willen, B. *see* Westergren, U. 109621
Willen, E. *see* Greene, A. 90033
Willen, E. *see* Gupta, R. 90038
Willen, E. *see* Gupta, R. 95577
Willen, E. *see* Morgillo, A. 100448
Willen, E. *see* Mulhall, S. 95576
Willen, E. *see* Thompson, P. 100412
Willen, E. *see* Wanderer, P. 89783
Willer, J. *see* Lehmann, V. 93957
Willer, J. *see* Lehmann, V. 93966
Willer, U. *see* Schade, W. 96620
Willert, C. *see* Raffel, M. 119947
Willett, J.E., Aktas, Y., Bolon, B. Beam space-charge modes in a free-electron laser 76046
Willett, P., Lops, M., Javidi, B. Analysis of the nonlinear joint transform correlator 117716
Willett, P. *see* Rago, C. 66614

Willett, R.L., Pfeiffer, L.N. Composite fermions examined with surface acoustic waves 105248
Willett, R.L. *see* Sohn, L.L. 105741
Willey, R.J. *see* Hamdeh, H.H. 64337
Willham, R. *see* Hassoun, M. 89179
Willhammar, L. *see* Karlberg, B.-E. 112085
Willhoff, S. *see* Grandhi, S.A. 109484
Williams, A., Borges, R., Mantell, M. Implementation of design for manufacture in a semiconductor fabrication environment 74660
Williams, A.A., Holmes, P.G. A novel low-head hydro scheme using an induction generator 102515
Williams, A.A. *see* Demetriades, G.M. 91379
Williams, A.C., Clark, B. Evaluation of SAR ATR 119287
Williams, A.E., Gupta, R.K., Zaghloul, A.I. Personal communications via present and future satellite systems 88238
Williams, A.E., Gupta, R.K., Zaghloul, A.I. Evolution of personal handheld satellite communications 119124
Williams, A.J. Philips broadband networks 79176
Williams, A.J. *see* Tattam, C. 84838
Williams, B. *see* Changjing Shang 111926
Williams, B.A., Dewhurst, R.J. A fibre-optic detection system for laser-ultrasound Lamb-wave examination of defects in thin materials 79513
Williams, B.A. *see* Dewhurst, R.J. 113574
Williams, B.D. *see* Talele, S.E. 120943
Williams, B.H. *see* Greeff, R.E. 83215
Williams, B.P. *see* Adams, G.F. 111419
Williams, B.W. *see* He, X. 71423
Williams, B.W. *see* He, X. 113758
Williams, B.W. *see* He, X. 121558
Williams, B.W. *see* He, X. 121561
Williams, B.W. *see* McNeill, N. 115187
Williams, B.W. *see* Mohd Siam, M.F.M. 121730
Williams, B.W. *see* Reay, D.S. 121457
Williams, B.W. *see* Shang, C. 81414
Williams, B.W. *see* Shirtcliffe, I. 122044
Williams, B.W. *see* Tooth, D.J. 121584
Williams, B.W. *see* Xiangning He 73086
Williams, C. *see* Brogden, J. 67918
Williams, C.B., Woods, R.C., Yates, R.B. Feasibility study of a vibration powered micro-electric generator 81491
Williams, C.B., Yates, R.B. Analysis of a micro-electric generator for microsystems 91568
Williams, C.C. *see* Huang, Y. 83807
Williams, C.C. *see* Mang, K.M. 63173
Williams, C.E. *see* Dowling, D.T. 100713
Williams, C.J. *see* Herbert, D.C. 94903
Williams, C.K. *see* Kim, H.S. 63719
Williams, C.R. *see* Gage, K.S. 90781
Williams, C.W. *see* Rogers, J.G. 101314
Williams, C.W., Jr. *see* Tillis, L.S. 71935
Williams, D. *see* Giuma, T.A. 103327
Williams, D. *see* Li, F. 111542
Williams, D. *see* Ming Kaan Low 78259
Williams, D. *see* Sokola, M. 111952
Williams, D. *see* Walker, A.D. 71474
Williams, D. *see* Xuan, Q.Y. 91213
Williams, D. *see* Xuan, Q.Y. 102039
Williams, D.A. A tutorial on EMI characterization of switching regulators 61610
Williams, D.A., Marsh, A.M., Ahmed, H. Transport through superconductor-semiconductor junctions in different scattering limits 105258
Williams, D.A. *see* Abe, K. 69708
Williams, D.A. *see* Abe, K. 69726
Williams, D.A. *see* Pettersen, E.K. 105233
Williams, D.B. *see* Drake, D.F. 67510
Williams, D.B. *see* Jaejin Lee 76763
Williams, D.B. *see* Schodorf, J.B. 108343
Williams, D.F. Thermal noise in lossy waveguides 97222
Williams, D.F., Belquin, J.-M., Dambrine, G., Fenton, R. On-wafer measurement at millimeter wave frequencies 100293
Williams, D.F., Olyslager, F. Modal cross power in quasi-TEM transmission lines 116952
Williams, D.F. *see* Marks, R.B. 92213
Williams, D.H., Young, M., Tietz, L.A. Fiber coating diameter: toward a glass artifact standard 64681
Williams, D.J. *see* Low, M.K. 60749
Williams, D.J. *see* Low, M.K. 109268
Williams, D.J. *see* Tilley, K.J. 60534
Williams, D.L. *see* Davey, R.P. 78709
Williams, D.W. *see* Young, W.S. 72390
Williams, E. *see* Huff, H.R. 63858
Williams, E. *see* Stenbakken, G.N. 68947
Williams, E. *see* Wendel, M. 105825
Williams, E.W., Petel, H.C., De Cogan, D., Pulko, S.H. TLM modelling of thermal processes in magneto-optic multi-layered media 64381
Williams, E.W. *see* Houlton, D.J. 72907
Williams, F. The general aviation technology revolution 70368
Williams, G. *see* Moser, H.O. 79772
Williams, G. *see* Popay, J. 92115
Williams, G. *see* Zhou, X.Z. 84853
Williams, G.M. *see* Patrick, H.J. 100085
Williams, G.M., Jr., Reinheimer, A.L., Johnson, C.B., Wheeler, K.D., Wodecki, N.D., Aebi, V.W., Costello, K.A. Back-illuminated and electron-bombarded CCD low light level imaging system performance 79525
Williams, G.O. Iris recognition technology 117873
Williams, G.R. *see* Ahn, K.H. 95903
Williams, G.R. *see* Cao, X.D. 95906
Williams, H.H. *see* Bevensee, B. 90220
Williams, H.H. *see* Bevensee, B. 100952
Williams, H.L. *see* Merideth, E.M. 98865
Williams, H.P. Constructing the value function for an integer linear programme over a cone 82472
Williams, H.P. Duality in mathematics and linear and integer programming 82501
Williams, I.J. Squirrel cage induction motor developments for energy efficiency and environmentally friendly drive systems 91504
Williams, J. Measurements on CCFL-driver circuits pose tricky problems 91932
Williams, J. *see* Godshalk, E.M. 69479
Williams, J. *see* Kollipara, R.T. 92253
Williams, J.A.R., Everall, L.A., Bennion, I., Doran, N.J. Fiber Bragg grating fabrication for dispersion slope compensation 95695
Williams, J.A.R., Zhang, L., Bennion, I., Doran, N.J. Fiber gratings for higher order dispersion compensation fabricated using a double-scan phase-mask technique 75445
Williams, J.A.R. *see* Huhse, D. 116466
Williams, J.A.R. *see* Molony, A. 68482
Williams, J.E.C., Holowinski, M., Bobrov, E.S., Leupold, M.J., Pourrahimi, S., Stejskal, V.J., Szczepanowski, A. The "nautilus": A method of winding disc coils 95531
Williams, J.E.C. *see* Weggel, R.J. 96974
Williams, J.G. Recording and retrieving data about depression and related problems in general practice using 4-byte Read codes 86058
Williams, J.G. *see* Busch, R.D. 81273
Williams, J.J. *see* Shivakumar, P.N. 61709
Williams, J.L. *see* Huda, W. 80365
Williams, J.L. *see* Jones, R.E., Jr. 115624
Williams, J.M., Blythe, H.J., Fedosyuk, V.M. An investigation of electrodeposited granular CuFe alloyed films 106550
Williams, J.O. *see* Rodman, R.D. 98604
Williams, J.P. *see* Angelopoulou, E. 117681
Williams, J.R. *see* Casady, J.B. 62787
Williams, J.R. *see* Casady, J.B. 105715
Williams, J.R. *see* Crofton, J. 105471
Williams, J.R. *see* Lang, M. 105883
Williams, J.S. *see* Tan, H.H. 105245
Williams, J.S. *see* Valentine, G.W. 72254
Williams, J.T. *see* Awada, K.A. 65651
Williams, J.T. *see* Nghiem, D. 114251
Williams, J.T. *see* Villegas, F.J. 85935
Williams, K., Counsell, J. Homes with know-how [home automation] 118313
Williams, K., Reader, H.C., Hoile, G.A. Design and modelling of power oscillator for VHF active patch antenna 117085
Williams, K.A., Summers, H.D., Rahman, M.K.A., Muller, J., Laughton, F.R., White, I.H., Penty, R.V., Jiang, Z., Sarma, J., Middlemast, I., Ralston, J.D. Monolithic passive mode-locking in single contact tapered lasers 65245
Williams, K.A., White, I.H., Burns, D., Sibbett, W. Jitter reduction through feedback for picosecond pulsed InGaAsP lasers 116549
Williams, K.J. *see* Davis, G.A. 75722
Williams, K.J. *see* Davis, G.A. 110161
Williams, K.J. *see* Esman, R.D. 76196
Williams, K.T. *see* Sellami, S. 91546
Williams, L. *see* Castelli, V. 67336
Williams, L.I. System integration of the Flex paging protocol. I. System design constraints 99234
Williams, L.I. System integration of the Flex paging protocol. Part 2: System design recommendations 99363
Williams, L.I. *see* Yaccarino, R.G. 85998
Williams, L.R., Hanson, A.R. Perceptual completion of occluded surfaces 98046
Williams, L.R., Jacobs, D.W. Local parallel computation of stochastic completion fields 86377
Williams, M. *see* Carlsten, B.E. 89710
Williams, M. *see* Peigneux, J.P. 120164
Williams, M.A. *see* Boguslavsky, I. 60649
Williams, M.C. Status of solid oxide fuel cell development in the United States 81747
Williams, M.C.S. *see* Cerron Zeballos, E. 69786
Williams, M.C.S. *see* Cerron Zeballos, E. 90141
Williams, M.D. *see* Lee, Y. 90103
Williams, M.D. *see* Sarstedt, M. 100784
Williams, M.E., Campbell, B., Diffenderfer, S., Storr, W., Belazzouz, M. Enabling fine-pitch wire bonding through the use of thin film metal on ceramic 83657
Williams, M.E. *see* Potenza, J.A. 112898
Williams, M.L., Donnelly, I.J. An investigation of electric field behaviour in semi-insulating GaAs using current pulses 100823
Williams, M.L. *see* Koehler, T.R. 115719
Williams, M.O. *see* Gunton, D.J. 99246
Williams, M.T. *see* Daulton, M. 92069
Williams, N. *see* Chantler, M.J. 88721
Williams, N. *see* Lane, D.M. 68739
Williams, N.C. *see* Lacomme, P. 111407
Williams, N.W. *see* Huang, H. 119985
Williams, O.M. Noise limitations in dynamic infrared scene projection 69262
Williams, P. Problems associated with electrical variable speed drives 91788
Williams, P., York, T. Integrated intelligent electrodes for electrical capacitance tomography 99840
Williams, P.A., Hernday, P.R. Anomalous relation between time and frequency domain PMD measurements 64671
Williams, P.A., Rose, A.H., Lee, K.S., Conrad, D.C., Day, G.W., Hale, P.D. Optical, thermo-optic, electro-optic, and photoelastic properties of bismuth germanate ($Bi_4Ge_3O_{12}$) 100350
Williams, P.K. *see* Gonzalez, V.M. 77135
Williams, P.M. *see* Salih, A.J. 113462
Williams, P.T., Besler, S. The influence of temperature and heating rate on the slow pyrolysis of biomass 91763
Williams, Q.L., Roy, R. Fast polarization dynamics of an erbium-doped fiber ring laser 116404
Williams, R. *see* Jakobs, K. 98550
Williams, R. *see* Jarett, K. 109558
Williams, R. *see* Jarett, K. 109559
Williams, R. *see* Kwok, P. 89918
Williams, R. *see* Muller, T.J. 70503
Williams, R. *see* Walker, A.C. 85336
Williams, R.A. *see* Wang, M. 89463
Williams, R.D. *see* Estep, D.J. 72655
Williams, R.D. *see* Vojdani, A.F. 102005
Williams, R.G. *see* Hancock, C.P. 115470
Williams, R.H., Hawkins, C.F. Economic considerations in tolerance design 72251
Williams, R.H. *see* Roura, P. 105168
Williams, R.K., Grabowski, W., Darwish, M., Yilmaz, H., Chang, M., Owyang, K. A 30-V P-channel trench gated DMOSFET with 900 $\mu\Omega$-cm^2 specific on-resistance at 2.7 V 105991
Williams, R.K. *see* Constapel, R. 105976
Williams, R.K. *see* Shekar, M.S. 106169
Williams, R.K. *see* Salama, C.A.T. *(editor)* 103301
Williams, R.L. *see* Dion, M. 96303
Williams, R.L. *see* Pratt, A.R. 62914
Williams, R.M. *see* Shields, V.B. 119777
Williams, R.N., Hartnett, J. A prototype sea ice mapping system using a geographical information system and expert knowledge 120846
Williams, R.S. *see* Morgan, B.A. 63122
Williams, S., Abrams, M., Standridge, C.R., Abdulla, G., Fox, E.A. Removal policies in network caches for World Wide Web documents 118415
Williams, S. *see* Alexandrof, V.A. 100628
Williams, S.C.R. *see* Simmons, A. 69988
Williams, S.H. *see* Abe, K. 69708
Williams, S.H. *see* Abe, K. 69726
Williams, S.P. *see* Frank, L.J. 80564
Williams, T. *see* O'Kane, B.L. 90901
Williams, T.J. *see* Winter, E.M. 108555
Williams, T.W., Kapur, R., Mercer, M.R., Dennard, R.H., Maly, W. Iddq testing for high performance CMOS–the next ten years 74834
Williams, T.W. *see* De Sousa, J.T. 115307
Williams, T.W. *see* Kapur, R. 93197
Williams, W.H. *see* Auerbach, J.M. 85567
Williams, W.J. Reduced interference distributions: biological applications and interpretations 110828
Williams, W.J., Brown, M.L., Zaveri, H.P., Shevrin, H. Feature extraction from time-frequency distributions 77130
Williams, W.J. *see* Cunningham, G.S. 77032
Williams, W.J. *see* McCormack, C.J. 109727
Williams, W.S. *see* Ajinenko, I. 90197
Williamson, A.C. *see* Benhama, A. 65607
Williamson, A.C. *see* Spooner, E. 121407
Williamson, A.G. *see* Neve, M.J. 107919
Williamson, C.L. *see* Arlitt, M.F. 77733
Williamson, C.L. *see* Gurski, R.J. 108766
Williamson, C.L. *see* Prithviraj, N. 98676
Williamson, D.C. *see* Sheu, S. 63633
Williamson, D.C. *see* Sheu, S. 94945
Williamson, D.C. *see* Sheu, S. 105924
Williamson, D.L. *see* Mao, D. 112363
Williamson, D.L. *see* Wickboldt, P. 92837
Williamson, D.P. *see* Aggarwal, A. 95162
Williamson, D.P. *see* Borodin, A. 98381
Williamson, D.P. *see* Henzinger, M. 92484
Williamson, D.S., Mulkern, R.V., Jakab, P.D., Jolesz, F.A. Coherence transfer by isotropic mixing in Carr-Purcell-Meiboom-Gill imaging: implications for the bright fat phenomenon in fast spin-echo imaging 69998
Williamson, F. *see* Lim, T.H. 105239
Williamson, G.A., Zimmermann, S. Globally convergent adaptive IIR filters based on fixed pole locations 76973
Williamson, G.E., Jenkins, N., Cornfield, G.C. Use of naturally occurring system disturbances to estimate the fault current contribution of induction motors 70646
Williamson, J.F. *see* Das, R.K. 80515
Williamson, J.F. *see* Meigooni, A.S. 80456
Williamson, J.G. *see* Borsosfoldi, Z. 63810
Williamson, J.J., Nobe, K. Oscillatory behavior of titanium and aluminum alloys in acid chloride media 63344
Williamson, J.M., Nakhla, M.S., Qi-Jun Zhang, van der Puije, P.D. Ground noise minimization in integrated circuit packages through pin assignment optimization 60613
Williamson, J.R. *see* Samara, D. 61425
Williamson, R.C. *see* Kootsookos, P.J. 117487
Williamson, S. If yesterday is tomorrow, this must be Toronto [Internet software] 78056
Williamson, S., McClay, C.I. Optimization of the geometry of closed rotor slots for cage induction motors 71327

Williamson, S., Mueller, M.A., McClay, C.I., Gersh, D.R. A finite element based method for calculating cage induction motor rotor impedances 102703
Williamson, S. *see* Flack, T.J. 71256
Williamson, S. *see* Kamper, M.J. 111930
Williamson, S.J. *see* Gencer, N.G. 110857
Williamson, T. *see* Hyun Song Shin 72457
Willing, F. *see* Carlson, D.E. 112360
Willinger, L.J. *see* Eriksson, L.O. 94949
Willinger, W. *see* Wing-Cheong Lau 87284
Willink, R., Evans, D.H. Volumetric blood flow calculation using a narrow ultrasound beam 120400
Willink, T. *see* Serinken, N. 109341
Willink, T.J., Wittke, P.H. On optimizing multicarrier transmission 67522
Willis, A.P. *see* Atanackovic, P.B. 75641
Willis, B. Evaluating a through hole interconnect system [PCB rework and repair] 83627
Willis, B. Step-by-step SMT: Solutions for today. VII. Soldering 114428
Willis, D. *see* Zibman, I. 68132
Willis, D. *see* Zibman, I. 98596
Willis, J. *see* Fredricksen, H. 106442
Willis, K.J., Amsbury, D.L., McLaughlin, C.D., Miewald, T. Interdisciplinary Earth system science and Earth observations from the International Space Station: partners in education 103344
Willis, L., Finney, J., Ramon, G. Computing the cost of unbundled services [power transmission] 121089
Willis, L.T. *see* Grimes, V.H. 111404
Willis, M.J. *see* Parks, M.A.N. 85860
Willis, M.R. *see* McHale, G. 116230
Willis, M.R. *see* Tsuzuki, T. 62794
Willis, T.M. *see* Rustako, A.J., Jr. 78506
Willke, T.L., Gearhart, S.S. Novel micromachined LIGA microstrip transmission lines and filters 93658
Willkens, C.A., Axelson, S.R., Bateman, L.S., Croucher, D.D. High-voltage miniature igniter development 112620
Willlams, M.J. *see* Lucovsky, G. 62767
Willman, B.C. *see* Eng, R.S. 107049
Willmann, L. *see* Schmidt, P.V. 90179
Willmott, C.J. *see* Schloss, A.L. 111275
Willmott, P. *see* Chiussi, S. 113322
Willner, A.E. High-capacity multiwavelength optical fiber communication systems 68427
Willner, A.E., Smith, D.A. Acousto-optic modulators flatten amplifier gain 85153
Willner, A.E. *see* Hayee, M.I. 78687
Willner, A.E. *see* Heston, M.L. 88510
Willner, A.E. *see* Huang, S.H. 75624
Willner, A.E. *see* Huang, S.H. 99573
Willner, A.E. *see* Huang, S.H. 119236
Willner, A.E. *see* Leight, J.E. 78927
Willner, A.E. *see* Leight, J.E. 88486
Willner, A.E. *see* Norte, D. 75977
Willner, A.E. *see* Norte, D. 78699
Willner, A.E. *see* Norte, D. 78902
Willner, A.E. *see* Park, E. 78700
Willner, A.E. *see* Park, E. 78941
Willner, A.E. *see* Park, E. 88656
Willner, A.E. *see* Shieh, W. 78780
Willner, A.E. *see* Shieh, W. 78785
Willner, A.E. *see* Shieh, W. 88658
Willner, A.E. *see* Smith, D.A. 78885
Willner, A.E. *see* Zou, X.Y. 78899
Willner, D. *see* Mayhan, J.T. 111420
Willocq, S. *see* Abe, K. 69708
Willocq, S. *see* Abe, K. 69726
Willoughby, A.F.W. *see* Conibeer, G.J. 105166
Willoughby, A.F.W. *see* Wasenczuk, A. 74235
Willoughby, C.T., Folkman, M.A., Figueroa, M.A. Application of hyperspectral imaging spectrometer systems to industrial inspection 79255
Willoughby, C.T., Marmo, J., Folkman, M.A. Hyperspectral imaging payload for the NASA small satellite technology initiative program 89146
Willows, M., Lefley, P. A versatile input converter for battery charging in renewable energy power systems 101666
Wills, B., D'Addario, P. Controls team updates wire drawers 71768
Wills, B.N. *see* Serfass, J.A. 111839
Wills, D.S. *see* Garg, V. 73907
Wills, D.S. *see* Gentile, A. 83139
Wills, J.M. *see* Tischer, M. 64233
Wills, M. *see* Cronyn, W. 109784
Wills, S. *see* Cross, J. 109659
Wills, S. *see* Jokerst, N.M. 75770
Willsky, A.S. *see* Fieguth, P.W. 66831
Willsky, A.S. *see* Fosgate, C.H. 119289
Willsky, A.S. *see* Karl, W. 67078
Willson, A.N., Jr. *see* Green, M.M. 61583
Willson, A.N., Jr. *see* Kei-Yong Khoo 73553
Willson, A.N., Jr. *see* Madisetti, A. 88837
Willson, A.N., Jr. *see* Pi Sheng Chang 77066
Willson, C.G. *see* Allen, R.D. 105786
Willson, C.G. *see* Henderson, C.L. 105798
Willson, C.G. *see* Lin, Q. 115066
Willson, P. *see* Turner, T.O. 101019
Willson, P.D. *see* Tumer, T.O. 80066
Willutzki, P. *see* Brauer, G. 94452
Wilmer, A. *see* Andrioli, A. 120281
Wilmer, B. *see* Deis, G. 106719
Wilmes, E.J., Erickson, K.T. Two methods of neural network controlled dynamic channel allocation for mobile radio systems 109522
Wilmes, J. *see* Francke, J. 92286
Wilmes, J. *see* Francke, J. 103490
Wilmotte, S. *see* Beguin, M. 112629
Wilms, T. *see* Braunschweig, W. 69836
Wilms, T. *see* Braunschweig, W. 120140
Wilmsen, C.W. *see* Stanko, P.J. 85335
Wilquet, G. *see* Annis, P. 80121
Wilquet, G. *see* Martellotti, G. 80122
Wilsey, P.A. *see* Martin, D.E. 117653
Wilshaw, P.R. *see* Boswell, E.C. 73928
Wilshaw, P.R. *see* Boswell, E.C. 73987
Wilshaw, P.R. *see* Boswell, E.C. 83694
Wilshaw, P.R. *see* Boswell, E.C. 83696
Wilshaw, P.R. *see* Galloway, S.A. 81899
Wilshaw, P.R. *see* Nicolaescu, D. 73963
Wilson, A., Johnson, V., Liyun Yu, Pizer, S. Scale-space image models for shape deformation 117606
Wilson, A. *see* Chadwick, A.V. 89189
Wilson, A.C. *see* Wilson, R.D. 117638
Wilson, A.J. *see* Fox, L.A. 80245
Wilson, A.M., Dahn, J.R. Carbons containing nanodispersed silicon as anodes for Li-ion cells 81671
Wilson, A.M., Dahn, J.R., Xue, J.S., Gao, Y., Feng, X.H. Carbonaceous materials containing silicon as anodes for lithium-ion cells 112300
Wilson, B., Drew, J.D. New current-mode transimpedance amplifier configuration for gain-independent bandwidth 73734
Wilson, B., Nutkins, G., Drew, J. Wideband analogue single-fibre link with high DC stability 68433
Wilson, B. *see* Doverspike, R. 98681
Wilson, B. *see* Drew, J.D. 73731
Wilson, B. *see* Lu Chao 119173
Wilson, B. *see* Stubbs, D.M. 73733
Wilson, B. *see* Stubbs, D.M. 104819
Wilson, B.L.H. Microwave prospects of SiGe 73751
Wilson, B.W., Lee, G.M., Yost, M.G., Davis, K.C., Heimbigner, T., Buschbom, R.L. Magnetic field characteristics of electric bed-heating devices 90621
Wilson, C., O'Neill, A. GaN based heterostructure field effect transistors for temperature resistant device operation 84471
Wilson, C.J., Beck, P.A. Fracture testing of bulk silicon microcantilever beams subjected to a side load 106255
Wilson, C.J., III, Long, D.G. Analysis of the Canadian boreal forest using enhanced resolution ERS-1 scatterometer imagery 120886
Wilson, D. *see* Karam, C. 71861
Wilson, D. *see* Noble, A. 110755
Wilson, D. *see* Paranjape, V.V. 83965
Wilson, D. *see* Patel, A. 92292
Wilson, D.C., Geiser, E.A., Conetta, D.A., Murphy, J.M., Dongxing Wang An automated algorithm for analysis of 2-D echocardiographic short-axis images: a brief overview 110749
Wilson, D.C. *see* Karras, T. 69950
Wilson, D.C. *see* Mair, B.A. 108509
Wilson, D.C. *see* Zong, X. 97872
Wilson, D.G. *see* McDonald, C.F. 81324
Wilson, D.H., Whittington, H.W. Electricity supply in the transition economies of Bulgaria and Romania 80938
Wilson, D.H., Whittington, H.W. Safety in the former Soviet nuclear power industry 111726
Wilson, D.K. The "disconnector"–business thoughts on architecting future telecommunication systems and networks 118678
Wilson, D.L. *see* Bergano, N.S. 88646
Wilson, D.L. *see* Glicksman, R.A. 111018
Wilson, D.M. Compact CMOS circuit for outlier removal 62070
Wilson, D.M., DeWeerth, S.P. Rank-order filtering in analog VLSI 104657
Wilson, D.S. A testbed for the MSX attitude and tracking processors 90690
Wilson, D.W., Gifford, H., Barrett, H.H. Image reconstruction for the FASTSPECT imaging system using low-resolution and high-resolution detector elements 80303
Wilson, E. *see* Usui, S. *(editor)* 103317
Wilson, F., Descamps, P.T. Should we accept anything less than TV quality: visual communication 119468
Wilson, F. *see* Descamps, P.T. 119466
Wilson, G. *see* Coue, D. 62089
Wilson, G. *see* Coue, D. 104749
Wilson, G. *see* Kowitt, M.S. 99705
Wilson, G.A. *see* Sellin, P.B. 116345
Wilson, G.C., Wood, T.H., Zyskind, J.L., Sulhoff, J.M., Krasulick, S.B., Johnson, J.E., Tanbun-Ek, T., Morton, P.A. Suppression of SBS and MPI in analog systems with integrated electroabsorption modulator/DFB laser transmitters 88562
Wilson, G.C., Wood, T.H., Zyskind, J.L., Sulhoff, J.W., Johnson, J.E., Tanbun-Ek, T., Morton, P.A. SBS and MPI suppression in analogue systems with integrated electroabsorption modulator/DFB laser transmitters 99768
Wilson, G.J. Big news for video servers 119429
Wilson, G.R. Morphological operations on crack coded binary images 86304
Wilson, G.R. *see* Barlett, M.L. 66797
Wilson, H. *see* Bachmann, P.K. 114905
Wilson, I. *see* Bekefi, G. 110477
Wilson, I. *see* Bossart, R. 89668
Wilson, I. *see* Braun, H. 89667
Wilson, I. *see* Higo, T. 79852
Wilson, I. *see* Volfbeyn, P. 85542
Wilson, I. *see* Wang, J.W. 89650
Wilson, I.H. *see* Hsu, C.C. 61244
Wilson, I.H. *see* Man, W.K. 92794
Wilson, J. *see* Fryer, P.M. 89321
Wilson, J.A. *see* Wu, O.K. 100113
Wilson, J.D. *see* Kory, C.L. 62631
Wilson, J.I.B. *see* John, P. 74120
Wilson, J.I.B. *see* Morrison, N.A. 104117
Wilson, J.M. *see* Nakhamkin, M. 111792
Wilson, K. *see* Moser, H.O. 79772
Wilson, K. *see* Tien, A.-C. 79742
Wilson, K. *see* Webber, W.R.S. 80407
Wilson, K.R. *see* Barty, C.P.J. 65135
Wilson, K.R. *see* Barty, C.P.J. 96233
Wilson, L. *see* Gilbert, D. 87820
Wilson, L.L., Leung Tsang, Jenq-Neng Hwang Mapping snow properties for spatially distributed snow hydrological modeling in mountainous areas using passive microwave remote sensing data 111278
Wilson, L.S. *see* Thompson, R.S. 110671
Wilson, M. *see* Tontiwachwuthikul, P. 111781
Wilson, M.G.F. *see* Farjady, F. 85065
Wilson, M.G.F. *see* Zwiggelaar, R. 116029
Wilson, M.L., Burns, D.W., Zook, J.D. An optical network of silicon micromachined sensors 100080
Wilson, N. Next generation wireless LAN-HIPERLAN overview 78047
Wilson, N.C. *see* Hollenkamp, A.F. 112571
Wilson, P., Patterson, A. Advanced simulation and modelling techniques for telecommunications 78383
Wilson, P. *see* Raubenheimer, T. 89588
Wilson, P. *see* Raubenheimer, T.O. 89662
Wilson, P. *see* Zimmermann, F. 89664
Wilson, P.B. Development and advances in conventional high power RF systems 100465
Wilson, P.B. *see* Jones, R.M. 89920
Wilson, P.B. *see* Raubenheimer, T. 89853
Wilson, P.J. *see* Chapple, P.B. 85682
Wilson, R. Risk assessment of EMF on health 90640
Wilson, R., Kremeskotter, J., Schiffrin, D.J., Wilkinson, J.S. Electrochemiluminescence detection of glucose oxidase as a model for flow injection immunoassays 79583
Wilson, R., Quinn, C., McDonnell, B., Blackstone, S., Yallup, K. Bonded and trenched SOI with buried silicide layers 63937
Wilson, R. *see* Luff, B.J. 69329
Wilson, R.A. *see* Lu, C.R. 62705
Wilson, R.C., Hancock, E.R. Gauging relational consistency and correcting structural errors 86369
Wilson, R.C. *see* Cross, A.D.J. 67261
Wilson, R.C. *see* Hancock, E.R. 86819
Wilson, R.C. *see* Stewart, J.C. 102378
Wilson, R.D. Bulk density logging with high-energy gammas produced by fast neutron reactions with formation oxygen atoms 101510
Wilson, R.D., Wilson, A.C. Knowledge-based goal-driven approach for information extraction and decision-making for target recognition 117638
Wilson, R.D. *see* Bodet, J.M. 112215
Wilson, R.E. *see* Hahn, K.H. 119222
Wilson, R.G. Ion implantation and secondary ion mass spectrometry of compound semiconductors 84082
Wilson, R.G. *see* MacKenzie, J.D. 113287
Wilson, R.G. *see* Pearton, S.J. 74521
Wilson, R.G. *see* Pearton, S.J. 84080
Wilson, R.G. *see* Pearton, S.J. 92725
Wilson, R.G. *see* Pearton, S.J. 94876
Wilson, R.G. *see* Peartona, S.J. 105271
Wilson, R.J. *see* Abe, K. 69708
Wilson, R.J. *see* Abe, K. 69726
Wilson, S.G. *see* Giallorenzi, T.R. 99121
Wilson, S.G. *see* Giallorenzi, T.R. 109356
Wilson, S.G. *see* Matolak, D.W. 108340
Wilson, S.G. *see* Su, B.D. 109425
Wilson, S.K., Cioffi, J.M. A comparison of a single-carrier system using a DFE and a coded OFDM system in a broadcast Rayleigh-fading channel 67521
Wilson, S.K. *see* Edfors, O. 117943
Wilson, S.P., Walker, A.B. Scaling properties of metal-semiconductor-metal photodetectors 110160
Wilson, S.R. *see* Drueding, T.W. 85232
Wilson, S.R. *see* Ionescu, A.M. 94704
Wilson, T. See the big picture [computer network management systems] 118366
Wilson, T., Juskaitis, R., Rea, N.P. Semiconductor laser confocal and interference microscopy 100142
Wilson, T., Kawata, Y., Kawata, S. Readout of three-dimensional optical memories 95648
Wilson, T. *see* Juskaitis, R. 101269
Wilson, T. *see* Kawata, Y. 64635
Wilson, T.A., Rogers, S.K., Broussard, R.P., Rathbun, T.F. Fusion of focus of attention alternatives for FLIR imagery 90873
Wilson, T.A., Rogers, S.K., Myers, L.R. Perceptual-based hyperspectral image fusion using multiresolution analysis 86966
Wilson, T.C. *see* Basu, A. 93275
Wilson, T.C. *see* Shu, J. 93495
Wilson, T.G., Jr. *see* Waite, J. 71409

Wilson, W. *see* Young, W.R., Jr. 112574
Wilson, W.B. *see* Waters, L.S. 79987
Wilson, W.C. *see* Hodson, R.F. 90211
Wilson, W.C. *see* Hodson, R.F. 100942
Wilson, W.E. *see* Staveley-Smith, L. 68796
Wilson, W.J. *see* Bell, G.S. 77452
Wilson, W.J. *see* Yueh, S.H. 120792
Wilson, W.L. *see* Dietz, K.H. 72328
Wilson, W.L. *see* Tittel, F.K. 105756
Wilson Ching-Lan Chung *see* Kossentini, F. 108495
Wilton, D.R. *see* Awada, K.A. 65651
Wilton, D.T. *see* Shute, H.A. 84834
Wilton, S.J.E., Rose, J., Vrancsic, Z.G. Memory/logic interconnect flexibility in FPGAs with large embedded memory arrays 104522
Wiltse, J.C. Properties of Fresnel zone plate antennas at millimeter wavelengths 76586
Wiltse, J.C. *see* McMillan, R.W. 73713
Wimmer, G. Properly recorded estimate and confidence regions obtained by an approximate covariance operator in a special nonlinear model 72421
Wimmer, H.K. The generalized Sylvester equation in polynomial matrices 103536
Wimmer, K. *see* Orlowski, M. 74820
Wimmer, K.A. Wireless data telecommunications and the emerging global personal communications service 109136
Wimmer, P. *see* Bernal, M.-P. 65569
Wimshurst, M.J.V., Ludbrook, A. Harmonic filtering of large induction motor variable frequency drives 121986
Win, E.De *see* De Win, E.
Win, S.Z. *see* Ma, H.L. 94376
Win, W., Yun, E.J., Walser, R.M. Rotatable anisotropy in radio frequency diode sputtered iron thin films 64228
Win, W. *see* Yun, E.J. 64230
Win-Li Lin, Jia-Yush Yen, Chia-Jong Chang, Shu-Yuh Lin, Ming-Jium Shieh Effects of amplitude on the power intensity distribution of an annular array ultrasound transducer used in intracavitary hyperthermia 120488
Win-Li Lin *see* Yung-Yaw Chen 80435
Win-Pin Chang, Wha-Tzong Whang A study of the relationship between the electroluminescence characteristics and compositions of PPV-PVA-based polymers 106998
Win-Pin Chang, Wha-Tzong Whang The electroluminescence and photoluminescence characteristics of films of poly(phenylene vinylene)/gel-glass interpenetrating networks 116261
Win-Pin Chang, Wha-Tzong Whang, Ping-Way Lin Characteristics of an electropolymerized PPV and its light-emitting diode 64971
Winandy, P. *see* Balachandran, U. 91234
Winans, R.E. *see* Sandi, G. 71633
Wincenciak, S. *see* Michalski, A. 119650
Wind, J.J., Griffith, C., Phillips, G. SAS/EIS: SPRINTing to the rescue. SPRINT International Global Voice Engineering executive information system 87625
Wind, O., Gindele, F., Woggon, U., Klingshirn, C. Gain processes in CdSe quantum dots 74399
Wind, S.J., Frank, D.J., Wong, H.-S. Scaling silicon MOS devices to their limits 115332
Windeatt, T. *see* Hilton, A. 67230
Windham, J.P. *see* Soltanian-Zadeh, H. 90436
Windham, J.P. *see* Soltanian-Zadeh, H. 90444
Windham, J.P. *see* Soltanian-Zadeh, H. 110707
Windisch, A. Railway signals with LED light sources 91935
Windisch, A. *see* Bankier, A.A. 101234
Windisch, R., Kneissl, M., Kiesel, P., Knupfer, B., Dohler, G.H. Low-voltage high-contrast n-i-p-i-based waveguide modulators with alloyed selective contacts 106866
Windley, P.J. *see* Black, P.E. 113661
Windmar, D., Leijon, M., Li Ming, Andersson, P., Dahlberg, L.-G. Experimental breakdown voltages in comparison with those calculated using a 3D electric field calculation program in a nonuniform electrode gap 95264
Windus, G.G. *see* Simeonidou, D. 78682
Windyka, J.A. *see* Shalkhauser, K.A. 93894
Winebrenner, D. *see* Ishimaru, A. 97055
Winebrenner, D.P. Polarimetric backscattering at 23 cm wavelength from Antarctic lead ice and estimation of ice thickness 120818
Winebrenner, D.P., Sylvester, J. Inversion of wideband microwave reflectivity to estimate the thickness of Arctic lead-like sea ice 120862
Winebrenner, D.P. *see* Zurk, L.M. 101567
Winefordner, J.D. *see* Petrucci, G.A. 69136
Wineinger, G., Lines, D. Merging video into a graphics display: challenges and approaches 67217
Wineland, D.J. *see* Monroe, C. 95896
Winesett, J. *see* Liu, W.K. 82692
Winful, H.G. *see* Krumpholz, M. 85003
Winful, H.G. *see* Malomed, B.A. 65521
Winful, H.G. *see* Ramanujan, S. 64727
Winful, H.G. *see* Ramanujan, S. 65277
Wing, M., Gieras, J.F. Accuracy of finite elements in computing the synchronous reactances of surface and buried permanent magnet brushless motors 81426
Wing, M. *see* Gieras, J.F. 65724
Wing, M. *see* Gieras, J.F. 103084
Wing, M. *see* Gieras, J.F. 112453
Wing, O. *see* Hong Shi 88030
Wing, O. *see* Jun-Fa Mao 76508
Wing Shing Wong *see* Ying-Kit Lee 78386
Wing-Cheong Lau, Erramilli, A., Wang, J.L., Willinger, W. Self-similar traffic parameter estimation: a semi-parametric periodogram-based algorithm 87284
Wing-Cheong Lau, San-Qi Li Statistical multiplexing and buffer sharing in multimedia high-speed networks: a frequency domain perspective 78236
Wing-Cheong Lau, San-Qi Li Sojourn-time analysis on nodal congestion in broadband networks and its impact on QoS specifications 87509
Wing-Chung Ma *see* Lai-Man Po 77111
Wingardh, P. *see* Walve, K. 90919
Wingate, M. *see* Im, P. 86804
Winger, L.L., Jernigan, M.E., Robinson, J.A. Character segmentation and thresholding in low-contrast scene images 66561
Wingerden, J.van *see* van Wingerden, J.
Wingert, P.C. The effects of nickel on the switching performance of silver-tungsten-based contacts 62409
Wingkee Lee *see* Lee Wingkee
Wingrove, S.J. *see* Clegg, B.T. 60504
Wingstrand, S. *see* van Deventer, M.O. 88496
Winhart, G. *see* Baumhacker, H. 116308
Winick, H. *see* Palmer, D.T. 89709
Winick, H. *see* Palmer, D.T. 100527
Winick, H. *see* Tatchyn, R. 96526
Winick, K.A., Yang, S.-H. Upper bounds on the size of error-correcting runlength-limited codes 86044
Winiwarter, W. *see* Hofferer, M. 77908
Winje, R.A. *see* Sah, R. 80473
Winjum, E. *see* Helleseth, T. 66367
Winkel, H. *see* De Boer, M.P. 63784
Winkel, J.O., Gerl, F., Krey, U. Storing block-wise semantically correlated patterns in a perceptron: results from a cavity method 73592
Winkel, T.-M., Dutta, L.S., Grabinski, H., Groteluschen, E. Determination of the propagation constant of coupled lines on chips based on high frequency measurements 60653
Winkelbauer, F.W. *see* Bankier, A.A. 101234
Winkelhahn, H.-J., Neher, D. Relaxation and ageing in poled polymer films 85645
Winker, N. *see* Duftschmid, K.E. 110974
Winker, N. *see* Duftschmid, K.E. 120572
Winker, T.-M., Dutta, L.S., Grabinski, H. An accurate determination of the characteristic impedance of lossy lines on chips based on high frequency S-parameter measurements 62537
Winkle, M.Van *see* Van Winkle, M.
Winklebleck, J. *see* Baker, S. 81270
Winklebleck, J. *see* Baker, S. 81277
Winkler, C. *see* Merzouk, S. 67019
Winkler, D. *see* Brunner, M. 89436
Winkler, D. *see* Yi, H.R. 64531
Winkler, G., Gayer, Ph., Gusewell, D., Titcomb, Ch. Cryogenics operation and on-line measurement of RF losses in the SC cavities of LEP2 100744
Winkler, M. *see* Utke, I. 74352
Winkler, P. *see* Fagin, R. 66269
Winkler, R. Using special resources to support multimedia multiparty communications in ATM networks 87918
Winkler, R. *see* Bernabei, F. 108880
Winkler, R. *see* Di Zenobio, D. 118571
Winkler, R. *see* Hotzl, H. 70296
Winkler, S. *see* Zeitelhack, K. 69712
Winkler, T., Beckert, K., Bosch, F., Eickhoff, H., Franzke, B., Klepper, O., Nolden, F., Reich, H., Schlitt, B., Spaedtke, P., Steck, M. Electron cooling force measurements for highly charged ions in the ESR 79836
Winkler, T. *see* Steck, M. 79832
Winkler, T. *see* Steck, M. 120074
Winkler, W. *see* Halinka, A. 91449
Winkler, W. *see* Heinemann, B. 84332
Winkler, W. *see* Mikrut, M. 82124
Winkler, W. *see* Pavuza, F.G. 112575
Winklhofer, E., Fuchs, H. Laser induced fluorescence and flame photography–tools in gasoline engine combustion analysis 89552
Winler, P. *see* Mihail, M. 113204
Winn, D. *see* Palmer, R.B. 79798
Winn, H.R. *see* Phillips, M.H. 110899
Winn, R., Olsen, R., Conners, D. Evaluation of copper direct (non-electroless copper) plating systems 104954
Winnacker, A. *see* Fasbender, R. 74255
Winnall, S.T., Lindsay, A.C., Knight, G.A. A 2-18 GHz microwave photonic phase and frequency shifter 76945
Winning, P. *see* Kawakami, A. 83400
Winning, P.R., Nakajima, M., Kato, T. Generalized high-speed subdomain analysis method for quasi-optical antennae 66071
Winokur, P.S. *see* Shaneyfelt, M.R. 74742
Winokur, P.S. *see* Shaneyfelt, M.R. 106021
Winokur, P.S. *see* Warren, W.L. 63171
Winseck, M.M. Radish VoiceView: Providing universal access to voice/data exchange 87636
Winship, M.A. Staying ahead of the high-tech game [PCB testing] 79251
Winslow, M.E. *see* Kissa, K.M. 85239
Winson, P., Snider, A.D. Applications of a generalized Dirichlet principle to transistor modeling 106063
Winson, P. *see* King, F.D. 106062
Winstanley, S. *see* Brinkmanna, A. 78301
Winstead, N.S. *see* Sikora, T.D. 111235
Winston, P.B. *see* Sidhu, T.S. 102229
Winston, R. *see* Jenkins, D. 111854
Winston Chen, C.H. *see* Golovlev, V.V. 91738
Winston Sijin Choe, Tan Joo Geok, Wang Wei Guo, Tai Seow Woon ATM-based multi-party conferencing system 78200
Winstone, T.B. *see* Danson, C.N. 85429
Wintenberg, A.L., Simpson, M.L., Britton, C.L., Jr., Palmer, R.L., Jackson, R.G. Integrating amplifiers for PHENIX lead-glass and lead-scintillator calorimeters 100967
Wintenberg, A.L. *see* Britton, C.L., Jr. 80132
Wintenberg, A.L. *see* Britton, C.L., Jr. 100979
Wintenberg, A.L. *see* Britton, C.L., Jr. 110617
Wintenberg, A.L. *see* Ericson, M.N. 100924
Winter, A., Bittruf, D., Tanurhan, Y., Muller-Glaser, K.D. Rapid prototyping of a communication controller for the CAN bus 73056
Winter, E.M., Schlangen, M.J., Bowman, A.P., Carter, M.R., Bennett, C.L., Fields, D.J., Aimonetti, W.D., Lucey, P.G., Johnson, J.R., Horton, K.A., Williams, T.J., Stocker, A.D., Oshagan, A., DePersia, A.T., Sayre, C.J. Experiments to support the development of techniques for hyperspectral mine detection 108555
Winter, E.M. *see* Beaven, S.G. 108553
Winter, J. *see* Kosters, S. 93128
Winter, K. *see* Annis, P. 80121
Winter, K. *see* Martellotti, G. 80122
Winter, P.R. *see* Kang, D.-J. 95437
Winter, R. *see* Geudtner, D. 111299
Winter, R. *see* Korzec, D. 76584
Winter, W. *see* Brunner, K. 113318
Winterberg, A.L. *see* Ericson, M.N. 90206
Winterbottom, A. *see* Jones, R. 60664
Winterbottom, R. *see* Neureuther, A.R. 74814
Winterfeldt, D.von *see* von Winterfeldt, D.
Winterhalter, C.R. *see* Pendharkar, S.P. 63542
Winters, E.D. *see* Braski, D.N. 92189
Winters, J.H. *see* Gans, M.J. 99081
Winters, S.E. *see* Salmon, J.T. 85552
Winther, R. *see* Rusten, T. 61095
Winther, R. *see* Schroll, H.J. 61056
Wintner, E. *see* Sorokina, I.T. 96179
Winton, R.S. *see* Bandy, W.R. 74714
Winzenried, A. Imagine the possibilities: library networking in Australia 98756
Wipf, S.L. *see* Koski, A. 90052
Wipf, S.L. *see* Koski, A. 100444
Wipiejewski, T., Ko, J., Thibeault, B.J., Coldren, L.A. Molecular beam epitaxy regrowth of top reflectors for multiple wavelength vertical-cavity laser arrays 107350
Wipiejewski, T., Peters, M.G., Thibeault, B.J., Young, D.B., Coldren, L.A. Output characteristics of donut shape vertical-cavity surface-emitting lasers 65323
Wipiejewski, T., Peters, M.G., Young, D.B., Thibeault, B.J., Fish, G.A., Coldren, L.A. Thermal resistance of etched-pillar vertical-cavity surface-emitting laser diodes 85509
Wipiejewski, T., Young, D.B., Thibeault, B.J., Coldren, L.A. Thermal crosstalk in 4×4 vertical-cavity surface-emitting laser arrays 85526
Wippermann, K. *see* Erning, J.W. 81799
Wire, M. *see* Jorquera, C. 88958
Wire, M. *see* Silver, A. 93198
Wirl, F. The design of optimal conservation programs by electric utilities considering strategic consumer behavior 90967
Wirner, C., Awano, Y., Mori, T., Yokoyama, N., Nakagawa, T., Bando, H., Muto, S. Longitudinal optical phonon relaxation in a GaAs/AlGaAs triple barrier tunnel diode at strong perpendicular magnetic fields 105860
Wirner, C., Momose, H., Hamaguchi, C., Smoliner, J., Kock, A., Gornik, E. Enhanced electron mobility in novel side-gated quantum wire structures 74448
Wirnitzer, B., Bohrer, S., Eisel, R., Schonig, C. Signal processing in CCD image processors 99791
Wirth, A. *see* Ouveysi, I. 77785
Wirth, B. *see* Klein, A. 116882
Wirth, D.A. Risk-based regulatory reform and public participation 92116
Wirth, E. *see* Bechinger, C. 64598
Wirth, H. *see* Henke, D. 120088
Wirth, R., Moritz, A., Geng, C., Scholz, F., Hangleiter, A. Tunable polarization converter based on ordered AlGaInP waveguide structures 116075
Wirth, R. *see* Moritz, A. 85465
Wirth, S., Wolf, M., Muller, K.-H., Skomski, R., Brennan, S., Coey, J.M.D. Determination of crystal-field parameters of $Sm_2Fe_{17}N_3$ and $Sm_2Fe_{17}C_3$ 115556
Wirth, W.D. Energy saving by coherent sequential detection of radar signals with unknown Doppler shift 68576
Wirthl, E., Straub, H., Schmid, M., Sitter, H., Bauer, P., Brunthaler, G. AES analysis of plasma-etched ZnSe 74579
Wirtz, R.A., Colban, D.M. Comparison of the cooling performance of staggered and in-line arrays of electronic packages 60631
Wischermann, G. The Digital Wetgate: the third generation of noise reducers from Philips BTS 109878

Wise, J.H. *see* Mulcahy, T.M. 95617
Wise, K.D. Device and technology challenges for integrated sensors 69100
Wise, K.D. Integrated microsystems: device and technology challenges 89039
Wise, K.D., Mastrangelo, C.H., Najafi, K., Nguyen, C.T.-C. Research in integrated sensors and microsystems at the University of Michigan 95231
Wise, K.D. *see* Changhyun Kim 110925
Wise, K.N. *see* Boas, J.F. 88903
Wise, M.L.H. *see* Simao, J.M. 82024
Wise, P.Pernambuco *see* Pernambuco Wise, P.
Wise, R. *see* Lymberopoulos, D. 63405
Wise, T., Haeberli, W., Lorentz, B., Rathmann, F., Ross, M.A., Dezarn, W.A., Doskow, J., Hardie, J.G., Meyer, H.O., Pollock, R.E., von Przewoski, B., Rinckel, T., Sperisen, F., Pancella, P.V. Polarized internal gas target for hydrogen and deuterium at the IUCF cooler ring 120082
Wiseman, D.L. *see* Sheen, D.R. 109768
Wiseman, J.R. HDTV motion vector decoding with a TMS320C30 99757
Wiseman, M. *see* Benson, S.V. 96445
Wiseman, M. *see* Benson, S.V. 107358
Wiseman, M. *see* Dylla, H.F. 76067
Wiseman, M. *see* Liu, H. 90083
Wiseman, M. *see* Neuffer, D.V. 79877
Wiseman, N.E. *see* Turner, M.J. 77337
Wishart, M.T. *see* Rae, T.A. 102050
Wisk, P. *see* Tanbun-Ek, T. 78822
Wisk, P. *see* Tanbun-Ek, T. 119235
Wislicki, K.R., Burkhardt, T., Janiszowski, K., Olszewski, M. A non linear adaptational observer of state variables of a precision driving system with a pneumatic servo-motor 121980
Wismann, V.R., Boehnke, K. Can the ERS-1 scatterometer be used to forecast the inundation extent in the Pantanal wetland? 111286
Wisnieff, R. *see* Fryer, P.M. 89321
Wisniewski, D. *see* Lempicki, A. 75717
Wisniewski, D. *see* Wojtowicz, A.J. 80012
Wisniewski, P. IRT: Radio access systems of Lucent Technologies 118647
Wisniewski, P. Lucent Technologies microwaves systems 118749
Wisniewski, P., Suski, T., Litwin-Staszewska, E., Brunthaler, G., Kohler, K. Mobility and quantum lifetime in a GaAs/AlGaAs heterostructure: tuning of the remote-charge correlations 105290
Wisniewski, P. *see* Brunthaler, G. 62966
Wisniewski, P. *see* Golabek, A. 60707
Wisniewski, P. *see* Suski, T. 74227
Wisniewski, R., Molinar, G.F. Friction free active-element bulk-modulus high-pressure transducer 69107
Wisniewski, R. *see* Bak, T. 90694
Wisniewski, Z. Estimation of the third and fourth order central moments of measurement errors from sums of powers of least squares adjustment residuals 60913
Wisoff, P.J. *see* Jones, T.D. 90734
Wissbrock, H., Naundorf, G., Fildhuth, R. Mechanical operating parts with tailored electrical conductivity: development of a suitable material 113544
Wisse, D.M., Reijns, G.L. Pipelining in protocol stacks: Queuing network models and measurement methods 67751
Wissel, L., Stout, D., Buck, N. Gate-array library design using local interconnect 113866
Wissel, L. *see* Bednar, T.R. 113817
Wissmann, F. *see* Huenger, A. 69838
Wissmann, H. *see* Parthier, L. 74170
Wistisen, B.A., Holzer, N.J. Geneva Steel's 1×126-in. cut-up line 103180
Wisz, G. *see* Gorbach, T.Ya. 92773
Wit, J.H.W.de *see* de Wit, J.H.W.
Wit, L.de *see* de Wit, L.
Witczak, P. Calculations of force densities distribution in electrical machinery by means of magnetic stress tensor 81386
Witczak, P. The magnetostriction forces in the induction motor 81454
Witebsky, C. *see* De Amici, G. 99699
Witek, B. *see* Halinka, A. 91449
Witek, R.T. *see* Montanaro, J. 73430
Witham, C., Ratnakumar, B.V., Bowman, R.C., Jr., Hightower, A., Fultz, B. Electrochemical evaluation of $LaNi_{5-x}Ge_x$ metal hydride alloys 121856
Witham, C. *see* Ratnakumar, B.V. 71645
Witham, C. *see* Ratnakumar, B.V. 121844
Witham, C.K., Fultz, B., Ratnakumar, B.V., Bowman, R.C., Jr. Microstructural effects of hydrogen charging and discharging on $LaNi_{4.8}Sn_{0.2}$ 71646
Withanawasam, L., Panagiotopoulos, I., Hadjipanayis, G.C. Melt-spun $Pr_2Co_{14}B/Co$ nanocomposite magnets 64253
Withanawasam, L., Panagiotopoulos, I., Hadjipanayis, G.C. Crystallization behavior of melt-spun $Nd_xFe_{93-x}Nb_1B_6$ alloys 115544
Withanawasam, L. *see* Panagiotopoulos, I. 64250
Witherell, M.S. The PEP-II B-factory and the BABAR detector 120212
Withers, J.A., Robbins, K.A. Tracking cell splits and merges 77429
Withers, R.S. *see* Dawei Zhang 62205
Withers, R.S. *see* Guo-Chun Liang 100264
Withford, M.J., Brown, D.J.W., Piper, J.A. Optimization of H_2-Ne buffer gas mixtures for copper vapor lasers 96099
Withford, M.J. *see* Brown, D.J.W. 116378
Withford, M.J. *see* Illy, E.K. 106252
Withington, S. *see* Heanue, M. 68830
Withington, S. *see* Murphy, J.A. 68808
Withington, S. *see* Yassin, G. 62148
Withington, S. *see* Yassin, G. 68819
Witkamp, T.D. *see* Van Es, H.W. 80291
Witkover, R. *see* Smith, G.A. 100606
Witkover, R.L. Design of the beam profile monitor system for the RHIC injection line 100577
Witkowska, B. *see* Mycielski, A. 74190
Witkowski, J.S. *see* Abramski, K.M. 86899
Witlox, R.G.J.J. *see* Kruger, U. 68462
Witsch, W.Von *see* Von Witsch, W.
Witt, A. *see* Donhoffer, D. 82285
Witt, C. *see* Hundhausen, M. 106976
Witt, T.J. *see* Delahaye, F. 68955
Witt, T.J. *see* Reymann, D. 88901
Wittborn, J. *see* Tyunina, M. 92923
Wittchow, E. *see* Lehmann, L. 71122
Witte, J.F. *see* Andrews, D. 71940
Witte, K. *see* Saez, P. 90076
Witte, K. *see* Tang, H. 120118
Witte, K.J. *see* Baumhacker, H. 116308
Witte, K.J. *see* Kasper, A. 96226
Wittekoek, S., Van Den Brink, M. The impact of deep UV lithography on device fabrication 84268
Witteman, M.F. *see* Vranken, H.P.E. 104268
Witteman, W.J. Prospects for gas lasers 107097
Witteman, W.J., Timmermans, J.C.M., van Goor, F.A. Analysis of high power XeCl excimer lasers 116365
Witteman, W.J. *see* Ernst, G.J. 96457
Witteman, W.J. *see* Gielkens, S.W.A. 85381
Witteman, W.J. *see* Mitko, S.V. 107108
Witteman, W.J. *see* Offerhaus, H.L. 85407
Witteman, W.J. *see* Udalov, Y.B. 107103
Witten, I.H. *see* Inglis, S.J. 86756
Wittenbrink, C.M., Langdon, G., Jr., Fernandez, G. Feature extraction of clouds from GOES satellite data for integrated model measurement visualization 70542
Wittenbrink, C.M., Somani, A.K., Chung-Ho Chen Cache write generate for parallel image processing on shared memory architectures 77407
Wittenstein, W., Fick, W., Raidt, U. Simulation study on fixed pattern noise and MRTD 69296
Wittevrongel, S., Bruneel, H. Exact calculation of buffer contents variance and delay jitter in a discrete-time queue with correlated input traffic 87401
Wittevrongel, S., Bruneel, H. Variance of buffer contents and delay in ATM queues 118055
Wittgenstein, F. *see* Fritz, D. 90190
Wittgreffe, J.P. *see* Skevington, P.J. 67613
Witthuhn, W. *see* Reisloehner, U. 74225
Wittich, S. *see* Ruffler, D. 118632
Wittig, E. *see* Krauss, M. 79279
Wittig, H. *see* Cossmann, H. 87893
Wittig, H. *see* Vogel, R. 109204
Wittig, H. *see* Wolf, L.C. 118244
Wittig, K. *see* Berger, L. 96245
Wittig, K. *see* Schubert, M. 96257
Witting, M., Burkhardt, S. Automatic generation of finite difference meshes by an evolutionary algorithm 61050
Witting, M. *see* Bartsch, M. 65647
Witting, W., van der Werf, D., Mirmiran, M. An on-line automated sleep-wake classification system for laboratory animals 101384
Wittke, K. *see* Nowotinick, M. 114436
Wittke, O. *see* Retuert, P.J. 72855
Wittke, P.H. *see* Willink, T.J. 67522
Wittmann, E., Hendrich, C. Digital distance protection algorithm with selfadapting features and network communication 111586
Wittmann, F. *see* Rao, V.R. 63742
Wittmann, G. *see* Bernal, M.-P. 65569
Wittmann, G. *see* Macfarlane, R.M. 96714
Wittmann, H.F. *see* Baigent, D.R. 64982
Wittmann, H.F. *see* Koehler, A. 64944
Wittmann, M., Penzkofer, A. Spectral superbroadening of femtosecond laser pulses 65421
Wittmer, B. *see* Anticic, T. 90166
Wittmer, B. *see* Braunschweig, W. 69836
Wittmer, B. *see* Braunschweig, W. 120140
Wittmeyer, I. *see* Stephens, G.L. 80617
Wittneben, A. Analysis and comparison of optimal predictive transmitter selection and combining diversity for DECT 78530
Wittneben, A. Optimal predictive TX combining diversity in correlated fading for microcellular mobile radio applications 88156
Wittorf, R. *see* Garvey, D.W. 106804
Wittpahl, V., Liu, Y.Y., Chan, D.S.H., Chim, W.K., Phang, J.C.H., Balk, L.J., Yan, K.P. A degradation monitor for the light output of LEDs based on cathodoluminescence signals and junction ideality factor 96043
Wittum, G. *see* Khoromskij, B.N. 72587
Wittwer, D.C., Ziolkowski, R.W. How to design the imperfect Berenger PML 97036
Witulski, A.F. *see* Florez-Lizarraga, M. 71491
Witulski, A.F. *see* Jung-Hui Cheng 71428
Witulski, A.F. *see* Jung-Hui Cheng 121595
Witvrouw, A., Van Dooren, S., Wouters, D., Van Dievel, M., Maex, K. The isocurrent test: a promising tool for wafer-level evaluation of the interconnect reliability 115033
Witwit, M.R.M. Energy levels for a double-well potential in three-dimensional system using Hill determinant approach 60999
Witwit, M.R.M. Energy levels of a nonpolynomial oscillator using finite difference technique 72635
Witzani, M., Pechtl, P. Modeling of (cogeneration) power plants on time-dependent power demands of the consumer 91321
Witzke, E.L., Pierson, L.G. The role of decimated sequences in scaling encryption speeds through parallelism 109062
Witzman, S. *see* Bar-Cohen, A. 60723
Witzman, S. *see* Gektin, V. 112934
Witzmann, R. *see* Carlsen, T.H. 81000
Wiwakanond, K., Lee, J. Simulation of electronics manufacturing systems with two-card kanban 60558
Wixforth, A. *see* Gauer, C. 62842
Wixforth, A. *see* Gauer, C. 105401
Wixforth, T. *see* Grabow, W. 86005
Wixted, R. *see* Lu, C. 69716
Wixted, R.L. *see* Lu, C. 69720
Wlochal, M. *see* Braunschweig, W. 120173
Wlodarczyk, J. New multigrid interface for the TLM method 76503
Wlodarczyk, M.T. *see* Poorman, T.J. 89126
Wnag, M.H. *see* Kuo, C.C. 79975
Wnuk, M. Determination of optimal parameters of a locomotive depending on running parameters 112548
Wo, D., Kumar, S., Palaniswami, M., Forward, K. Exploiting neural network parallelism 93651
Wo Nai *see* Nai Wo
Woafo, P. *see* Tiwang, R.F. 64542
Wober, J. *see* Holler, F. 102489
Wobst, R. *see* Schmidt, H. 106892
Wodecki, N.D. *see* Williams, G.M., Jr. 79525
Wodey, P. *see* Fauchier, E. 83009
Woeginger, G.J. *see* Bekesi, J. 108189
Woeginger, G.J. *see* Klinz, B. 103666
Woehr, A. *see* Van Duppen, P. 69686
Woei Huang Nae *see* Nae Woei Huang
Woei-Kwo Kuo, Jyh-Ping Wang, Yong-Chien Ling Structural characterization of $BaTiO_3$ films by sol-gel method using mono-substituting chelating agent 61304
Woelders, K. *see* Dall, J. 111106
Woelders, K. *see* Madsen, S.N. 120687
Woelders, K.W. *see* Madsen, S.N. 68633
Woelk, E. *see* Dauelsberg, M. 104071
Woelk, E. *see* Schmitz, D. 104073
Woelker, W. Image segmentation based on an adaptive 3D-analysis of the CIE-L*a*b* color space 86534
Woerd, A.C.Van der *see* Van der Woerd, A.C.
Woerdenweber, R. *see* Vaupel, M. 95487
Woerdman, J.P. *see* Hendriks, R.F.M. 96596
Woerdman, J.P. *see* Jansen van Doorn, A.K. 96323
Woerdman, J.P. *see* Kuppens, S.J.M. 65046
Woerdman, J.P. *see* van Exter, M.P. 96337
Woerlee, P.H. *see* Klootwijk, J.H. 83816
Woerlee, P.H. *see* Klootwijk, J.H. 84017
Woerlee, P.H. *see* Montree, A.H. 63916
Woerlee, P.H. *see* Salm, C. 84531
Woerner, B. *see* Agashe, P. 109446
Woerner, B. *see* Cameron, R. 88290
Woerner, B. *see* Cameron, R. 108799
Woerner, B.D. *see* Agashe, P. 88364
Woerner, B.D. *see* Buehrer, R.M. 68200
Woerner, B.D. *see* Buehrer, R.M. 119014
Woerner, B.D. *see* Buehrer, R.M. 119055
Woerner, M. *see* Oberli, M.T.P. 105098
Woerner, M. *see* Sueptitz, M. 107221
Woert, M.L.Van *see* Van Woert, M.L.
Woerz, T., Schweikert, R. Performance of punctured pragmatic codes 76758
Woerz, T. *see* Hoeher, P. 88800
Woeste, D., Dina, M., Nguyen, T., Strom, J. Digital-phase aligner macro for clock tree compensation with 70 ps jitter 73500
Woggon, U. *see* Giessen, H. 65495
Woggon, U. *see* Giessen, H. 94524
Woggon, U. *see* Giessen, H. 96294
Woggon, U. *see* Wind, O. 74399
Wogman, N.A. *see* Bliss, M. 79995
Wohl, P., Waicukauski, J., Graf, M. Testing "untestable" faults in three-state circuits 104485
Wohlert, R.M. *see* Simon, K.M. 83424
Wohlfarth, H. Real life experience of integrated information systems [electric utility control] 90999
Wohlgemuth, J.H. Status of Solarex's cast polysilicon PVMaT program 105529
Wohlgemuth, R. *see* Assmann, W. 103035
Wohlin, C., Nyberg, C., Larsson, A. Reusable simulation models for performance analysis of intelligent networks 98828
Wohlmuth, B. *see* Hiptmair, R. 82565
Wohlmuth, H.D. *see* Simburger, W. 104868
Wohlmuth, M. Criticality of moving particles in GIS 81616
Wohlmuth, W. *see* Fay, P. 68450
Wohlmuth, W. *see* Fay, P. 78807
Wohlmuth, W. *see* Xiang, A. 69182
Wohlmuth, W.A., Fay, P., Adesida, I. Dark current suppression in GaAs metal-semiconductor-metal photodetectors 85081
Wohlmutt, A., Fay, P., Caneau, C., Adesida, I. Low dark current InAlAs/InGaAs metal-semiconductor-metal photodetectors 100042

Wohlrab, E. *see* Thewes, R. 113783
Wohlrab, E. *see* Weber, W. 106224
Wohlrabe, H. *see* Sauer, W. 94080
Wohlsein, J., Gotte, C. Large brown coal-fired boilers with circulating fluidized bed combustion–operating experience from the 290 and 400 t/h plant at RWE Energie AG's Goldenberg Power Station 91337
Wohn Kwangyoen *see* Kwangyoen Wohn
Wohrle, D. *see* Yanagi, H. 81907
Woicik, J.C. *see* Herrera-Gomez, A. 74100
Woicik, J.C. *see* Kemner, K.M. 64452
Woinet, R. *see* Cassar, J.P. 103473
Woitok, J. *see* Behres, A. 105335
Woitok, J. *see* Geurts, J. 105340
Woitok, J. *see* Hamadeh, H. 74153
Woitok, J. *see* Hermans, J. 74223
Woizeschke, H., Rissiek, W. System level signal integrity analysis from an enhanced EMC-Workbench 73870
Wojcicki, S. *see* Sabchevski, S.P. 73975
Wojcicki, T. *see* Gillingham, P. 73395
Wojciechowski, D., Van Calster, A., Vrana, M., De Baets, J., De Caluwe, M., Bosch, P. Flip-chip technology for chip-on-glass applications (LCD) 119802
Wojciechowski, J. Splitting necklaces and a generalization of the Borsuk-Ulam antipodal theorem 113123
Wojcik, A.B., Matthewson, M.J., Klein, L.C., Foy, P.R., Snitzer, E., Ka Pak Wong Mechanical behavior of silica optical fibers coated with low index, low surface energy perfluorinated polymer 84977
Wojcik, B.E. *see* Wojcik, Z.M. 117693
Wojcik, G., Kopczyk, M., Mlynarek, G., Majchrzyckia, W., Beltowska-Brzezinska, M. Electrochemical behaviour of multicomponent Zr-Ti-V-Mn-Cr-Ni alloys in alkaline solution 121846
Wojcik, G. *see* Kopczyk, M. 91708
Wojcik, J. *see* Filipczynski, L. 69977
Wojcik, M. *see* Strupinski, W. 105337
Wojcik, T. *see* Kluska-Nawarecka, S. 92345
Wojcik, W. *see* Krolopp, W.Z. 85091
Wojcik, Z.M., Wojcik, B.E. Structural modeling using rough sets 117693
Wojcikowski, M. *see* Bialko, M. 95193
Wojdala, A. Virtual set: the state of the art 109884
Wojdala, A. Virtual set: the state of the art 119407
Wojnarovits, L. *see* McLaughlin, W.L. 120566
Wojnarowski, R. *see* Fillion, R. 94140
Wojnarowski, R.J. *see* Liu, Y.S. 116287
Wojtowicz, A.J., Lempicki, A., Wisniewski, D., Balcerzyk, M., Brecher, C. The carrier capture and recombination processes in Ln^{3+}-activated scintillators 80012
Wojtowicz, A.J. *see* Lempicki, A. 75717
Wojtowicz, M., Block, T., Pascua, D., Han, A.-C., Streit, D. Photoreflectance characterization of graded emitter InAlGaAs/InGaAs HBTs 105905
Wojtowicz, M. *see* Block, T.R. 84345
Wojtowicz, M. *see* Streit, D.C. 84344
Wojtowicz, T., Kutrowski, M., Surma, M., Kopalko, K., Karczewski, G., Kossut, J., Godlewski, M., Kossacki, P., Khoi, N.T. Parabolic quantum wells of diluted magnetic semiconductor $Cd_{1-x}Mn_xTe$ 72760
Wojtowicz, T. *see* Barcz, A. 74230
Wojtowicz, T. *see* Godlewski, M. 74403
Wojtowicz, T. *see* Grynberg, M. 94363
Wojtowicz, T. *see* Jaroszynski, J. 105421
Wojtowicz, T. *see* Kowalczyk, L. 75960
Wojtowicz, T. *see* Suski, T. 74227
Wol-Yon Hwang, Jang-Joo Kim Polymeric optical intensity modulator optimized in quasi-single mode operation 106861
Wol-Yon Hwang, Jang-Joo Kim, Taehyoung Zyung, Min-Cheol Oh, Sang-Yung Shin TE-TM mode converter in a poled-polymer waveguide 64813
Wol-Yon Hwang *see* Jang-Joo Kim 75549
Wol-Yon Hwang *see* Jang-Joo Kim 85089
Wol-Yon Hwang *see* Sang-Don Jung 64863
Wol-Yon Hwang *see* Taehyoung Zyung 76161
Wolak, F.A. Can universal service survive in a competitive telecommunications environment? Evidence from the United States consumer expenditure survey 118286
Wolbarsht, M.L. *see* Hoke, J.A. 80461
Wolbeck, S. *see* Nielsen, T. 69539
Wolberg, G. Recent advances in image morphing 98256
Wolbert, P. *see* Hua Su 60546
Wolbert, P.M.M., Brombacher, A.C. Soldered joints on leaded components: Development of a design tool to predict failure during temperature cycle tests 119419
Wolden, C.A., Sitar, Z., Davis, R.F., Prater, J.T. Textured diamond growth by low pressure flat flame chemical vapor deposition 113463
Woldorff, M.G. *see* Jia-Hong Gao 90379
Wolf, A. The CLEO III data acquisition system 99877
Wolf, A. *see* Pastuszka, S. 114505
Wolf, B.H. Production, acceleration and diagnostics of high intensity beams 100774
Wolf, C. *see* Chraplyvy, A.R. 99580
Wolf, C. *see* Gnauck, A.H. 88643
Wolf, C. *see* Zyskind, J.L. 85403
Wolf, C.G., Koved, L., Kunzinger, E. Ubiquitous mail: speech and graphical user interfaces to an integrated voice/E-mail mailbox 118307
Wolf, D. *see* Taktak, R. 86618
Wolf, D.M., Sanders, S.R. Multiparameter homotopy methods for finding DC operating points of nonlinear circuits 113704
Wolf, E.J., Cook, J.R. Truck component reconditioning using machine centers 82183
Wolf, H., Gieser, H., Wilkening, W. Pulsed thermal characterization of a reverse biased pn-junction for ESD HBM simulation 115147
Wolf, H. *see* Barth, R. 110163
Wolf, H. *see* Bottcher, A. 61074
Wolf, H. *see* Filz, T. 74163
Wolf, H. *see* Musshoff, C. 115222
Wolf, H. *see* Zorin, A.B. 74776
Wolf, H.-C. *see* Kassakian, J.G. 103145
Wolf, H.G., Doerffer, K., Mlynski, D.A. Efficient over-cell routing method for transparent standard cells 93017
Wolf, H.M. *see* Taha, H.A. 121064
Wolf, I. *see* Jian-Guo Ma 115889
Wolf, I.D. *see* Wristers, D. 94630
Wolf, I.De *see* De Wolf, I.
Wolf, J. *see* Aggarwal, C. 78167
Wolf, J. *see* Lambrecht, A. 69246
Wolf, J.A., Kres, J.J., Idzerda, Y.U., Prinz, G.A., Kemner, K.M. Structure and magnetism in FCC magnetic transition metals on (001) diamond 75083
Wolf, J.K., Viterbi, A.J. On the weight distribution of linear block codes formed from convolutional codes 108174
Wolf, J.K. *see* Caroselli, J. 115800
Wolf, J.K. *see* Fitzpatrick, K.K. 77559
Wolf, J.K. *see* Friedmann, A. 75225
Wolf, J.K. *see* Friedmann, A. 115814
Wolf, J.K. *see* McEwen, P.A. 117201
Wolf, J.L. *see* Aggarwal, C.C. 99749
Wolf, J.L. *see* Aggarwal, C.C. 99788
Wolf, J.M., Kaufman, L.M., Klenke, R.H., Aylor, J.H., Waxman, R. An analysis of fault partitioned parallel test generation 73259
Wolf, J.M. *see* Klenke, R.H. 110011
Wolf, J.P. *see* Vezin, B. 116658
Wolf, K. *see* Rosenauer, A. 61194
Wolf, K.H., Froitzheim, K., Weber, M. Interactive video and remote control via the World Wide Web 78001
Wolf, L. *see* Cossmann, H. 87893
Wolf, L.C., Delgrossi, L., Steinmetz, R., Schaller, S., Wittig, H. Issues of reserving resources in advance 118244
Wolf, L.C. *see* Vogel, R. 109204
Wolf, L.C. *see* Werner, J. 78182
Wolf, M., Keel, M., von Siebenthal, K., Bucher, H.-U., Geering, K., Lehareinger, Y., Niederer, P. Improved monitoring of preterm infants by fuzzy logic 120267
Wolf, M., Kleine, U., Hosticka, B.J. A novel analog module generator environment 74790
Wolf, M. *see* Baumann, J.R. 60763
Wolf, M. *see* Novotny, R. 80047
Wolf, M. *see* Novotny, R. 100842
Wolf, M. *see* Wirth, S. 115556
Wolf, P.D. *see* Pendekanti, R. 120481
Wolf, P.De *see* De Wolf, P.
Wolf, R. *see* Larcher, G. 113242
Wolf, R.M., Cillessen, J.F.M., Giesbers, J.B., Pastoor, E., Muller, G., Grosse-Holz, K.O., Blom, P.W.M. Oxidic field effect structures with memory 95302
Wolf, R.M. *see* Cillessen, J.F.M. 92864
Wolf, R.M. *see* Grosse-Holz, K.-O. 74285
Wolf, R.M. *see* Prins, M.W.J. 75056
Wolf, S. *see* Kunze, S. 85489
Wolf, S. *see* Maurer, U.M. 97507
Wolf, T. The polyazen accumulator: an environmentally friendly buffer battery 121851
Wolf, T. *see* Glass, J. 100978
Wolf, T. *see* Kienzle, J. 108185
Wolf, T. *see* Macii, A. 118001
Wolf, Z. *see* Erickson, R. 89805
Wolf, Z. *see* Ogitsu, T. 100449
Wolfbeis, O.S. *see* Preininger, C. 110238
Wolfe, A. Opportunities and obstacles in low-power system-level CAD 82840
Wolfe, A. *see* Tiwari, V. 93499
Wolfe, C.A., Campbell, M.E. Integrated CNI avionics using F-22 modular products 120623
Wolfe, C.R., Lawson, J.K. The measurement and analysis of wavefront structure from large aperture ICF optics 89531
Wolfe, H.J., South, G.E., Swift, F.J. Applying distributed processing methodology to harmonic elimination in AC/AC chopper circuits 91666
Wolfe, J.C. *see* Zagozdzon-Wosik, W. 114901
Wolfe, J.M. *see* Gayle, R.C. 60919
Wolfe, M.A. *see* Verghese, N.K. 63851
Wolfe, P.R. Photovoltaics: built-in power generation 81881
Wolfe, R. *see* Levy, M. 75568
Wolfe, R. *see* Weyl-Kuo Wang 64714
Wolfenden, P. *see* Yang, J. 90440
Wolff, A. *see* Richter, H.H. 63325
Wolff, D. *see* Flora, R. 89921
Wolff, D. *see* Gruneberg, K. 95275
Wolff, D. *see* Kersten, R.T. 92179
Wolff, D.P. *see* Jeromin, L.S. 110720
Wolff, I. FDTD-techniques for radiation problems: General introduction and application to the optimization of handy telephone antennas 65981
Wolff, I. Design of monolithic integrated coplanar circuits for application at millimeterwave frequencies 73800
Wolff, I. *see* Bauer, S. 84193
Wolff, I. *see* David, G. 62360
Wolff, I. *see* David, G. 93892
Wolff, I. *see* David, G. 104862
Wolff, I. *see* Fritsch, U. 65940
Wolff, I. *see* Gao, Y. 93824
Wolff, I. *see* Hofschen, S. 97262
Wolff, I. *see* Hofschen, S. 114214
Wolff, I. *see* Hopf, B. 73646
Wolff, I. *see* Hopf, B. 114310
Wolff, I. *see* Jian-Guo Ma 64514
Wolff, I. *see* Jian-Guo Ma 64551
Wolff, I. *see* Jian-Guo Ma 64735
Wolff, I. *see* Jian-Guo Ma 115922
Wolff, I. *see* Kalayci, Y. 62331
Wolff, I. *see* Kother, D. 114314
Wolff, I. *see* Kulke, R. 62328
Wolff, I. *see* Kulke, R. 83455
Wolff, I. *see* Kulke, R. 83483
Wolff, I. *see* Kulke, R. 93727
Wolff, I. *see* Kunisch, J. 62217
Wolff, I. *see* Lauer, A. 85941
Wolff, I. *see* Pogatski, P. 62327
Wolff, I. *see* Roth, B. 100284
Wolff, I. *see* Tempel, R. 83457
Wolff, I. *see* Tempel, R. 83485
Wolff, I. *see* Werthen, M. 76533
Wolff, I. *see* Werthen, M. 93733
Wolff, I. *see* Xihe Tuo 63790
Wolff, I. *see* Yingjie Gao 79671
Wolff, I. *see* Yingjie Gao 93760
Wolff, L. *see* Orlosky, S. 79413
Wolff, L. *see* Pisupati, C. 110717
Wolff, L.B. Generalizing Lambert's law for smooth surfaces 67277
Wolff, L.B. Advances in polarization vision 77145
Wolff, L.B., Fan, J. Curvature segmentation from multiple illumination using a photometric invariant 77176
Wolff, L.B. *see* Angelopoulou, E. 117681
Wolff, L.B. *see* Hua Chen 77348
Wolff, L.B. *see* Hua Chen 86375
Wolff, R.S. Enabling software capabilities for the global information infrastructure 87819
Wolff, S. The infrastructure for the TESLA test facility (TTF)–a status report 89586
Wolff, S. *see* Koski, A. 90051
Wolffenbuttel, R.F. Functional integration of microsystems in silicon 88925
Wolffenbuttel, R.F. *see* Bartek, M. 72832
Wolffenbuttel, R.F. *see* de Graaf, G. 110216
Wolffenbuttel, R.F. *see* French, P.J. 82813
Wolffenbuttel, R.F. *see* French, P.J. 106258
Wolffenbuttel, R.F. *see* Li, Y.X. 74917
Wolffenbuttel, R.F. *see* Poenar, D.P. 64929
Wolffenbuttel, R.F. *see* Poenar, D.P. 79431
Wolffenbuttel, R.F. *see* Xu, Y. 110436
Wolffer, N. *see* Marc, N. 95953
Wolfframm, D., Bailey, P., Evans, D.A., Neuhold, G., Horn, K. Zinc sulfide on GaP(110): characterization of epitaxial growth and electronic structure 82592
Wolfframm, D. *see* Riley, J. 61227
Wolfframm, D. *see* Schneider, A. 74465
Wolfgang, E. *see* Farokhzad, B. 115169
Wolfgang, R.J., Borland, R.J., Voll, R.W. Effects of fuel temperature correlations on reactor physics parameter predictions 81275
Wolfing, P. *see* Berroth, M. 80846
Wolfman, G.J. *see* Miller, D.L. 70425
Wolfman, N.T. *see* Chimiak, W.J. 110725
Wolfram, A. *see* Salewski, K.D. 69488
Wolfram, P. *see* Schramm, C. 78655
Wolfrum, K. *see* Lettenberger, M. 116455
Wolfs, P.B.A. *see* Shannon, J.M. 89258
Wolfson, H.J. *see* Kupeev, K.Y. 86951
Wolfson, H.J. *see* Sandak, B. 98254
Wolinski, T.R., Dabrowski, R., Bogumil, A., Sftolarz, Z. Liquid crystalline cells for fiber optic sensing of low hydrostatic pressure 100084
Wolinski, T.R., Domanski, A.W., Konopka, W., Bock, W.J. Prototype fiber optic liquid crystalline sensor for pressure monitoring 110193
Wolinski, T.R. *see* Dabrowski, R. 100391
Wolinski, T.R. *see* Karpierz, M.A. 116077
Wolk, D. *see* Geissler, K.H. 93738
Wolke, K., Eitel, B., Schenkl, M., Rummelin, S., Schild, R. Marangoni wafer drying avoids disadvantages 105610
Wolke, M. *see* Brauksiepe, S. 100815
Wolke, S., Neibig, U., Elsner, R., Gollnick, F., Meyer, R. Calcium homeostasis of isolated heart muscle cells exposed to pulsed high-frequency electromagnetic fields 70266
Wolke, W. *see* Hietschold, M. 113333
Wolkowicz, H. *see* Helmberg, C. 92544
Wolkowicz, H. *see* Karisch, S.E. 92525
Wollenberger, U. *see* Bier, F.F. 120271
Wollenberger, U. *see* Kaisheva, A. 119747
Woller, K. *see* Albers, D. 69756
Wollermann-Windgasse, R. *see* Habich, U. 107066
Wollersheim, H.J. *see* Ditzel, E. 100992
Wollersheim, H.J. *see* Kroell, T. 69764

Wollitzer, M., Buchler, J., Luy, J.F., Sasse, E. A millimetrewave stop and go sensor 79006
Wollman, D.A. *see* Irwin, K.D. 110631
Wollman, D.A. *see* Van Harlingen, D.J. 75362
Wollnik, H. *see* Dowling, D.T. 100713
Wollnik, H. *see* Hofmann, I. 69647
Wollnik, H. *see* Meigs, M.J. 79886
Wollrab, R. *see* Ren, J. 83836
Wollschlager, J., Meier, A. Film and interface morphology of CaF$_2$ grown an Si(111) at low temperature 61250
Wollweber, J., Schulz, D., Schroeder, W. Si$_x$Ge$_{1-x}$ single crystals grown by the RF-heated float zone technique 82576
Wolowski, J. *see* Woryna, E. 110530
Wolpaw, J.R. *see* Pfurtscheller, G. 70164
Wolpert, D.H. *see* Macready, W.G. 60880
Wolrich, G.M. *see* Kowaleski, J.A., Jr. 73440
Wolski, D. *see* Moszynski, M. 69830
Wolski, D. *see* Moszynski, M. 80054
Wolski, D. *see* Moszynski, M. 101039
Wolski, D. *see* Pausch, G. 80022
Wolski, D. *see* Pausch, G. 100928
Wolski, W. *see* Michalik, C. 108335
Wolter, F., Thom, F. A parallel-plate capacitor used to determine the complex permittivity of supercooled aqueous solutions in the 1 MHz range. [Biological cells] 79649
Wolter, F. *see* Hirakawa, K. 105263
Wolter, F. *see* Vosseburger, M. 62814
Wolter, F. *see* Vosseburger, M. 114726
Wolter, H. *see* Ehmann, R. 65955
Wolter, J.H. *see* Groeneveld, R.H.M. 69425
Wolter, J.H. *see* Rongen, R.T.H. 105350
Wolter, J.H. *see* van Haren, R.J.F. 105256
Wolter, J.H. *see* Vreeburg, C.G.M. 103953
Wolter, K.-J. *see* Bauer, R. 83637
Wolter, S., Matz, H., Schubert, A., Laur, R. VLSI architecture for the data encryption algorithm IDEA with advanced on-line built-in self-test 97474
Wolter, S. *see* Rolz, L. 90531
Wolter, S.D., Borst, T.H., Vescan, A., Kohn, E. The nucleation of highly oriented diamond on silicon via an alternating current substrate bias 72891
Wolter, S.D. *see* Gluche, P. 63576
Wolters, R.A.M. *see* Augur, R.A. 115025
Woltersdorf, J. *see* Lichtenberger, O. 94649
Woltgens, P. *see* Koch, R.H. 95510
Woltjer, H.H., Bogaard, H.J., de Vries, P.M.J.M. The intra- and interobserver variability of impedance cardiography in patients at rest and during exercise 101392
Woltjer, R., Paulzen, G.M. PMOSFET hot-carrier degradation mechanisms 84414
Wolynski, W. *see* Krzysko, M. 92602
Wolz, W. *see* Miegler, M. 104282
Womac, M. *see* Britton, C.L., Jr. 80132
Womac, M. *see* Britton, C.L., Jr. 100979
Womack, B.D. *see* Hansen, J.H.L. 86153
Won, C.Y. *see* Cho, J.G. 121760
Won, H., Hayakawa, Y., Nakajima, K., Sawada, Y. Switched diffusion analog memory for neural networks with Hebbian learning function and its linear operation 73610
Won, J.H., Hatta, A., Yagyu, I., Jiang, N., Mori, Y., Ito, T., Sasaki, T., Hiraki, A. Effect of boron doping on the crystal quality of chemical vapor deposited diamond films 61374
Won, J.H. *see* Donghwan Kim 74012
Won, J.H. *see* Jiang, N. 94233
Won, M.S., Crome, C. Building FIR filters in programmable logic 114091
Won, S.J. *see* Chang, Y.H. 61320
Won, T.Y. *see* Lee, J.H. 115160
Won, Y., Srivastava, J. Minimizing blocking probability in a hierarchical storage based VOD server 109245
Won Chee Sun *see* Chee Sun Won
Won Chee-Sun *see* Chee-Sun Won
Won Cheol Lee, Pillai, S.U. Multichannel stable systems that extend the partial impulse response matrices 117319
Won Chikyung *see* Chikyung Won
Won Choi Cheon *see* Cheon Won Choi
Won Chul Song *see* Sang Hoon Chai 83249
Won Chul-Ho *see* Chul-Ho Won
Won Chung Yuen *see* Chung Yuen Won
Won Chung-Yeon *see* Chung-Yeon Won
Won Chung-Yeun *see* Chung-Yeun Won
Won Chung-Yuen *see* Chung-Yuen Won
Won Cung-Yeon *see* Cung-Yeon Won
Won Dong Ho *see* Dong Ho Won
Won Jong Choi, Lu Ho Choi Processing techniques and characterization of carbon fiber reinforced aluminium composites 92959
Won Jong Lee *see* Kwangsoo No 75036
Won Jong Yoo, Jin Hwan Hahm, Hyoun Woo Kim, Chan Ouk Jung, Young Bum Koh, Moon Yong Lee Control of etch slope during etching of Pt in Ar/Cl$_2$/O$_2$ plasmas 74562
Won Jong Yoo *see* Kyeong Koo Chi 74552
Won Jong-Soo *see* Jong-Soo Won
Won Jun Sung *see* Sung Won Jun
Won Jung Jung *see* Hong Kyu Lee 110629
Won Jung Soon *see* Soon Won Jung
Won Kang Tae *see* Tae Won Kang
Won Kim Dong *see* Dong Won Kim
Won Kim Je *see* Je Won Kim
Won Kim Jeong *see* Jeong Won Kim
Won Kim Kyoung *see* Kyoung Won Kim
Won Kim Myung *see* Myung Won Kim
Won Kim So *see* So Won Kim
Won Kim Tae *see* Tae Won Kim
Won Kyu Kim, Kyoo Hong Park, Kyoung Hee Lee On a new continuous selection and its applications 82513
Won Lee In *see* In Won Lee
Won Lee Kyung *see* Kyung Won Lee
Won Lee Seung *see* Seung Won Lee
Won Lee Sung *see* Sung Won Lee
Won Lee Te *see* Te Won Lee
Won Lim Kyoung *see* Kyoung Won Lim
Won Min Sang *see* Sang Won Min
Won Namkung *see* Kyung Ryul Kim 69593
Won Park Jin *see* Jin Won Park
Won Ryu Seong *see* Seong Won Ryu
Won Seek Jong *see* Jong Won Seek
Won Seon Song *see* Suk Woo Nam 81781
Won Shin Dong *see* Dong Won Shin
Won Son Chang *see* Chang Won Son
Won Taeyoun *see* Taeyoun Won
Won Woo Choi, Dong Woo Kang, Seong Keun Park, Jae Soon Choi, Hee Chan Kim, Byoung Goo Min Development of a biotelemetry system for a totally implantable artificial heart 70236
Won Wook Hyun *see* Wook Hyun Won
Won Yong Hyub *see* Yong Hyub Won
Won Yonggwan *see* Yonggwan Won
Won Yun Sang *see* Sang Won Yun
Won-Gi Jeon, Yong-Soo Cho Identification of nonlinear distortion for a high-density magnetic recording channel using an IID signal 84824
Won-Ho Kim *see* Geun-Hie Rim 71435
Won-Ho Kim *see* Geun-Hie Rim 71473
Won-Hoo Kim *see* Kyoung-Whoan Suh 78364
Won-Jong Lee *see* Il Kim 72878
Won-Jong Lee *see* Jae-Whan Kim 72939
Won-Kook Choi *see* Seok-Kyun Song 82732
Won-Kuk Chung *see* Han-Soo Kim 85043
Won-Kyu Lee *see* Byoungchoo Park 76158
Won-Myung Lee *see* Insung Lee 78436
Won-Young Jeong *see* Hwa-Jong Kim 88337
Wonchan Kim *see* Byungsoo Chang 61814
Wonchan Kim *see* Changsik Yoo 61990
Wonchan Kim *see* Gyudong Kim 73515
Wonchan Kim *see* Gyudong Kim 74711
Wonchan Kim *see* Inyeol Lee 73502
Woncheol Song *see* Changsik Yoo 61990
Wonchul Song *see* Inyeol Lee 73502
Wonde, L.H.V.van der *see* van der Wonde, L.H.V.
Wonderen, A.J.Van *see* Van Wonderen, A.J.
Wondre, F.R. *see* Wang, G.M. 75411
Wong, A. *see* Dimolitsas, S. 118698
Wong, A. *see* Guo, Y. 88241
Wong, A. *see* Jianguo Zhang 110722
Wong, A. *see* Pitner, G. 82243
Wong, A. *see* Shon, S. 82229
Wong, A. *see* Shon, S. 89541
Wong, A.K.C. *see* Qi-Gang Gao 86887
Wong, A.W.K., Huang, H.K., Lee, J.K., Bazzill, T.M., Xiaoming Zhu High-performance image communication network with asynchronous transfer mode technology 108469
Wong, A.W.K. *see* Huang, H.K. 111013
Wong, A.W.K. *see* Lee, J.K. 111005
Wong, A.Y.-C., Leung, V.C.M. Single tone interference rejection of code-phase multiplexed direct-sequence spread-spectrum signaling 68049
Wong, B.C. *see* Hawley, R.A. 62036
Wong, B.W. *see* Adkins, C.A. 97011
Wong, B.Y., Laughlin, D.E. Direct observation of domain walls in NiFe films using high-resolution Lorentz microscopy 84774
Wong, C. Short circuit capability of high current IGBTs 82942
Wong, C.C., Dahwey Chu, Liu, S.L., Tuck, M.R., Zahid Mahmud, Amatucci, V. Rapid prototyping of a micro pump with laser micromachining 74987
Wong, C.C. *see* Wong, C.P. 118723
Wong, C.K. *see* Jin-Fuw Lee 73260
Wong, C.K. *see* Lee, D.T. 113687
Wong, C.P., Gillum, W.O., Walters, R.A., Sakach, P.J., Powell, D., Bivins, B. Reactions of high lead solders with BIOACT EC-7R semi-aqueous cleaning reagents 83645
Wong, C.P., Segelken, J.M., Tai, K.L., Wong, C.C. Non-hermetic plastic packaging of high voltage electronic switches utilizing a low-stress glob coating for 95/5 Pb/Sn solder joints of flip-chip bonded multi-chip module high voltage devices 118723
Wong, C.P.C., Baxi, C.B., Hamilton, C.J., Schleicher, R.W., Streckert, R. Helium cooling in fusion power plants 71149
Wong, D. *see* Coghill, P. 100075
Wong, D. *see* Fleming, S. 64692
Wong, D. *see* Fleming, S.C. 85011
Wong, D.F. *see* Chen, Y.P. 73032
Wong, D.F. *see* Chung-Ping Chen 82870
Wong, D.F. *see* Guruswamy, M. 106196
Wong, D.F. *see* Thakur, S. 61787
Wong, D.F. *see* Thakur, S. 83070
Wong, D.F. *see* Thakur, S. 93254
Wong, D.F. *see* Yao-Wen Chang 61792
Wong, E. *see* Bertoni, H.L. 68162
Wong, E. *see* Bertoni, H.L. 118857
Wong, E.G. *see* Hahn, K.H. 119222
Wong, E.K. *see* Kuo, C.-F. 98176
Wong, E.K. *see* Kuo, C.-F. 98349
Wong, E.K. *see* Susanto, A. 86520
Wong, E.K. *see* Taylor, C.T. 119882
Wong, E.P.K., Ling Guan, Ferry, S.W. A neural network implementation of the SMSE filter for image processing 66892
Wong, E.W.M. *see* Chlamtac, I. 78735
Wong, E.W.M. *see* Li, V.O.K. 99738
Wong, F., Cumming, I.G. A combined SAR Doppler centroid estimation scheme based upon signal phase 70455
Wong, G. *see* Zhou, H. 116673
Wong, G.K. *see* Yao-Wen Chang 61792
Wong, G.K.L. *see* Chuangtian Chen 65518
Wong, G.K.L. *see* Eng, T.T.H. 96063
Wong, G.K.L. *see* Liao, H.B. 92849
Wong, G.K.L. *see* Sou, I.K. 114896
Wong, G.K.L. *see* Sze Keung Lor 76122
Wong, G.K.L. *see* Wong, K.S. 75962
Wong, H., Man, K.F., Poon, M.C. Modeling of saturation transconductance for short-channel MOSFETs 95011
Wong, H. *see* Han, P.G. 64918
Wong, H. *see* Martellotti, G. 80122
Wong, H.-S. *see* Wind, S.J. 115332
Wong, H.C. *see* Ho, S.L. 111963
Wong, H.C. *see* Ho, S.L. 111964
Wong, H.C. *see* Zhang, Y.J. 102641
Wong, H.E., Chambers, J.A. Two-stage interference immune blind equaliser which exploits cyclostationary statistics 108299
Wong, H.H., Flores, J.C., Ying Fang, Baldevia, R.P. Guam Power Authority automatic underfrequency load shedding study 70765
Wong, H.K. *see* Zeng, X.T. 75199
Wong, H.T. *see* Annis, P. 80121
Wong, J. *see* Chan, A. 89594
Wong, J. *see* Michalski, J.M. 70219
Wong, J. *see* Mikler, A. 109028
Wong, J. *see* Wong, T. 95402
Wong, J.H.C., Kan, W.K. Automatic image domain to symbolic domain mapping: a feature based approach 87261
Wong, J.P., Pankaj, R.K. A diameter based method for virtual path layout in ATM networks 108881
Wong, J.S., Parthasarathy, D.S. Remote access to multimedia databases: an object oriented approach 78198
Wong, J.S.-M. *see* Chung-Yi Lee 85971
Wong, J.S.K. *see* Mikler, A.R. 67671
Wong, J.W. *see* Cheng, A. 80512
Wong, J.W. *see* Friesen, V.J. 118253
Wong, K.-K. *see* Choy, C.-S. 63865
Wong, K.-L. *see* Chen, H.-M. 93692
Wong, K.-L. *see* Chen, J.-S. 97349
Wong, K.-L. *see* Huang, C.-Y. 97350
Wong, K.C., Sim, H.C. Recognition of polyhedral objects based on triplets of projected edges extracted from a single perspective image 98002
Wong, K.C. *see* Blank, H.-R. 113286
Wong, K.C. *see* Bukhari, M.Z. 72389
Wong, K.C. *see* Thomas, M. 106691
Wong, K.C. *see* Yuh, E.L. 105371
Wong, K.C.P., Ryan, H.M., Tindle, J. A unified model of the electrical power network 101665
Wong, K.H., Perfecto, E.D., Kaja, S., White, G., Prasad, C., Redmond, T. Development of electroplating process for large format MCM-D 62516
Wong, K.H. *see* Ma, C.S. 113413
Wong, K.H. *see* Or, S.H. 97938
Wong, K.L. *see* Banik, J. 113819
Wong, K.M. *see* Shiwei Gao 88315
Wong, K.S., Boning, D.S. On in-situ etch rate extraction from interferometric signals 63395
Wong, K.S., Wang, H., Sou, I.K., Wong, G.K.L., Mowbray, D.J. Stimulated and spontaneous emission studies in ZnS$_{1-x}$Te$_x$/ZnSe strain layer superlattices 75962
Wong, K.S. *see* Ho, J.Y.L. 89058
Wong, K.S. *see* Ho, J.Y.L. 89111
Wong, K.T.G. *see* Horwill, C. 81649
Wong, K.W. *see* Alzayed, N.S. 64504
Wong, K.W. *see* Goretta, K.C. 115908
Wong, K.W. *see* Lu, D.F. 113626
Wong, L.K., Leung, F.H.F., Tam, P.K.S. A simple large-signal nonlinear model for fast simulation of zero-current-switch quasi-resonant converters 121768
Wong, M. *see* Harvey, B. 113787
Wong, M. *see* Holstein, D. 93764
Wong, M. *see* Poon, M.C. 84291
Wong, M.-F. *see* Begassat, Y. 114284
Wong, M.C. *see* Chan, C.W. 99780
Wong, M.F., Picon, G., Hanna, V.F. Application of a 3D finite element method in the time domain to microwave components 73647
Wong, M.F. *see* Guillouard, K. 83353
Wong, M.F. *see* Guillouard, K. 85940
Wong, M.F. *see* Ling, B. 76520
Wong, M.F. *see* Linot, B. 65953
Wong, M.K. A queueing architecture to support multicasting and per VC queueing in shared memory switches 98999
Wong, M.K. *see* Lee, M.Y. 70184
Wong, M.K. *see* Lee, M.Y. 101405
Wong, M.S. *see* Pan, F. 113283
Wong, M.T.H. *see* Zheng, Z.J. 70016
Wong, M.W.T. *see* Zong Yingqin 61573
Wong, P.B., Cox, D.C. Low-complexity diversity combining algorithms and circuit architectures for

co-channel interference cancellation and frequency-selective fading mitigation 109454
Wong, P.C. *see* Lee, Y.B. 87719
Wong, P.J.Y., Agarwal, R.P. Oscillation criteria for nonlinear partial difference equations with delays 103782
Wong, P.J.Y., Agarwal, R.P. Double positive solutions of (n,p) boundary value problems for higher order difference equations 113243
Wong, P.S. *see* Hobson, R.F. 77626
Wong, P.W. Rate distortion efficiency of subband coding with crossband prediction 66319
Wong, P.W. Adaptive error diffusion for multiresolution rendering 87221
Wong, P.Y. *see* Rosenberg, S.E. 63220
Wong, R. *see* Benson, S.V. 96445
Wong, R. *see* Benson, S.V. 107358
Wong, R. *see* Lang, T. 72606
Wong, R. *see* Vrbancich, J. 79267
Wong, R.J., Gordon, K.E., Chan, A.K. Time dependent reliability of the programmed metal electrode antifuse 94640
Wong, R.K., Blau, J., Colson, W.B. Electron beam effects in UV FEL 96543
Wong, R.K. *see* Blau, J. 96544
Wong, R.K. *see* Mabe, R.M. 96461
Wong, R.K. *see* Small, D.W. 96473
Wong, S. *see* Huang, H.K. 111013
Wong, S. *see* Jianguo Zhang 110722
Wong, S.C. *see* Ng, S.W. 113743
Wong, S.H. *see* Yau, S.F. 110787
Wong, S.K. Effects of plate thickness and stack distribution of quasi-phase-matched materials on nonlinear frequency generation 107504
Wong, S.K., Kalam, A. Development of a power protection system using an agent based architecture 81133
Wong, S.L., Bhimnathwala, H., Luo, S., Halali, B., Navid, S. A 1 W 830 MHz monolithic BiCMOS power amplifier 73115
Wong, S.L. *see* Kinder, D. 63045
Wong, S.L. *see* Martin, R.W. 61207
Wong, S.L. *see* Stone, R.J. 105866
Wong, S.P. *see* Lee, C.K. 86356
Wong, S.P. *see* Lo, V.C. 63247
Wong, S.P. *see* Man, W.K. 92794
Wong, S.P. *see* So, B.K.L. 84129
Wong, S.P. *see* Yan, H. 61302
Wong, S.P. *see* Yan, H. 84075
Wong, S.S. *see* Cao, M. 84401
Wong, S.S. *see* Chan, A.B.Y. 115214
Wong, S.S. *see* Chan, W.W.T. 106225
Wong, S.S. *see* Paul, K. 105994
Wong, S.S. *see* Zargari, M. 73576
Wong, S.T.C., Huang, H.K. A hospital integrated framework for multimodality image base management 80535
Wong, S.Y. *see* Ross, M. 105812
Wong, T., Frost, D., Renaud, C.V., Rudziak, M.K., Wong, J. Development of Artificial Pinning Center NbTi multifilamentary superconductors for commercial applications 95402
Wong, T.E., Cohen, H.M. Bus bar solder joint durability evaluation 82201
Wong, T.F., Skellern, D.J., Lee, L.H.C. An automatic procedure to construct the optimal soft-decision quantizers and branch metrics for Viterbi decoders 86119
Wong, T.K.-S. *see* Man-Siu Tse 63711
Wong, T.K.S. *see* Man, W.K. 92794
Wong, T.P.Y. *see* Butson, M.J. 80511
Wong, T.S. *see* Kuroda, T. 73204
Wong, T.Y. *see* Poon, M.C. 84291
Wong, T.Y.K., Freundorfer, A.P., Beggs, B.C., Sitch, J.E. A 10 Gb/s AlGaAs/GaAs HBT high power fully differential limiting distributed amplifier for III-V Mach-Zehnder modulator 119165
Wong, T.Y.K., Sitch, J.E. A 10 Gb/s ATM data synchronizer 119166
Wong, V. *see* Smith, G.A. 100606
Wong, V. *see* Walmsley, I.A. 100370
Wong, V.K. *see* Caussyn, D.D. 119984
Wong, V.K. *see* Crandell, D.A. 100780
Wong, V.K. *see* Phelps, R.A. 119990
Wong, W. *see* Narayanan, R. 95024
Wong, W. *see* Narayanan, R. 106048
Wong, W.H. *see* Kao, C.-M. 101152
Wong, W.H. *see* Ting, H.F. 108876
Wong, W.J. *see* Yamamoto, R.M. 90187
Wong, W.K., Phang, J.C.H., Thong, J.T.L. Imaging of charging specimens at high beam energies in the SEM 74795
Wong, W.K. *see* Quah, L.T.S. 79254
Wong, W.P. *see* Chiang, K.S. 75516
Wong, W.S., Li, N.Y., Dong, H.K., Deng, F., Lau, S.S., Tu, C.W., Hays, J., Bidnyk, S., Song, J.J. Growth of GaN by gas-source molecular beam epitaxy by ammonia and by plasma generated nitrogen radicals 103879
Wong, W.S., Yue, O.-C., Yum, T.S., Wang, H.S., Li, J., Zhu, S. Voice interactive paging network: The mobile messaging network at the Chinese University of Hong Kong 99304
Wong, W.S. *see* Barry, R.A. 77948
Wong, W.S. *see* Chan, J.S. 63238
Wong, W.S. *see* Hans, H.A. 65527
Wong, W.S. *see* Haus, H.A. 99467
Wong, W.S. *see* Li, N.Y. 103873
Wong, W.S. *see* Li, N.Y. 103882
Wong, W.S. *see* Moores, J.D. 106761
Wong, W.S. *see* Shah, S.A. 108249
Wong, W.S.Felix *see* Felix Wong, W.S.
Wong, W.Y.L., Donaldson, R.W., Leung, V.C.M. Wireless internetworking using IEEE 802.6 MAN with queue arbitrated access for mixed voice and data traffic 88328
Wong, Y.-F., Viscito, E. Preprocessing with motion information from MPEG encoder 86572
Wong, Y.-H. *see* Dautartas, M.F. 99506
Wong, Y.K., Shi, K.L., Chan, T.F. Effective algorithms for designing power distribution networks 102107
Wong, Y.K. *see* Allbritton, G.L. 80079
Wong, Y.K. *see* Allbritton, G.L. 100826
Wong, Y.M., Muehlner, D.J., Faudskar, C.C., Fishteyn, M., Gates, J.V., Anthony, P.J., Cyr, G.J., Choi, J., Crow, J.D., Kuchta, D.M., Pepeljugoski, P.K., Stawiasz, K., Nation, W., Engebretsen, D., Whitlock, B., Morgan, R.A., Hibbs-Brenner, M.K., Lehman, J., Walterson, R., Kalweit, E., Marta, T. OptoElectronic Technology Consortium (OETC) parallel optical data link: components, system applications, and simulation tools 119220
Wong, Y.M. *see* Grimes, G.J. 116290
Wong, Y.W. *see* Lo, V.C. 105566
Wong, Y.Y. *see* Yuen, P.C. 77422
Wong Chi Lai *see* Chi Lai Wong
Wong Chiu Fai *see* Chiu Fai Wong
Wong Chuck *see* Chuck Wong
Wong Hing *see* Hing Wong
Wong Hing Lam *see* Kwan Ngok Yan 118038
Wong Huang Yu *see* Yu Wong Huang
Wong Ka Pak *see* Ka Pak Wong
Wong Kin Hong *see* Kin Hong Wong
Wong Kin-Hong *see* Kin-Hong Wong
Wong Kin-Lu *see* Kin-Lu Wong
Wong Kon Max *see* Kon Max Wong
Wong Ling Sing *see* Ling Sing Wong
Wong Man *see* Man Wong
Wong Ping Wah *see* Ping Wah Wong
Wong Sang Jahng *see* Dong Hoon Choi 85641
Wong Shun Him *see* Shun Him Wong
Wong Shyh-Chyi *see* Shyh-Chyi Wong
Wong Teck Chin *see* Lee, C. 112921
Wong Wai Hong *see* Chan Syin 86859
Wong Wai-Hoi *see* Wai-Hoi Wong
Wong Waisum *see* Waisum Wong
Wong Wales Kin Fai *see* Wales Kin Fai Wong
Wong Wing Shing *see* Wing Shing Wong
Wong Yiu-Man *see* Yiu-Man Wong
Wongcharoen, T., Rahman, B.M.A., Grattan, K.T.V. Characterization of directional coupler-based optical guided-wave devices 95761
Wongcharoen, T., Rahman, B.M.A., Grattan, K.T.V. Characterization of electro-optic directional coupler based devices 95768
Wongcharoen, T. *see* Rahman, B.M.A. 64731
Wongcharoen, T. *see* Rahman, B.M.A. 65965
Wongcharoen, T. *see* Rajarajan, M. 107981
Wongchotigul, K. *see* Collins, D.M. 105713
Wongu Kang *see* Bumsoo Han 79911
Wongu Kang *see* Keeman Kim 79771
Wonho Lee, Kyungwhoon Cheun, Seokrim Choi A hardware efficient phase/gain tracking loop for the Grand Alliance VSB HDTV receiver 109905
Wonho Oh *see* Wei Cai 92650
Wonho Yang, Yantorno, R. Development of a burst model for speech transmission with cell losses in an ATM network 87321
Wonhong Cho, Cheul Shim, Myong-Lyol Song, Jai-Yong Lee, Sang-Bae Lee MCDQDB (Multi-channel DQDB) using WDM (wavelength division multiplexing) 87701
Wonhong Cho *see* Cheul Shim 78045
Wonkyu Park *see* Sonka, M. 80269
Wonterghem, B.M.Van *see* Van Wonterghem, B.M.
Wonterghem, B.Van *see* Van Wonterghem, B.
Wonterghem, B.W.van *see* van Wonterghem, B.W.
Woo, B. *see* Heifets, S.A. 89960
Woo, D.H. *see* Han, I.K. 114961
Woo, D.H. *see* Kim, D.S. 114755
Woo, H.-J. *see* Mueller, K.A. 79787
Woo, H.S. *see* Lee, J.H. 115160
Woo, J. *see* Cheng, B. 94979
Woo, J. *see* Hwang, C. 94977
Woo, J. *see* Hwang, C. 95180
Woo, J.-H., Chung, D.-E., Kim, S.-H. Generation of mini-compacted thin film hybrid package by ceramic ball grid array 104963
Woo, J.C. *see* Kim, D.S. 114755
Woo, J.C. *see* Kim, D.S. 116483
Woo, K.S. *see* Huff, H.R. 63858
Woo, K.T. *see* Ananda, M. 78623
Woo, N.S. *see* Khorramabadi, H. 73534
Woo, S.L.-Y. *see* Rudy, T.W. 110652
Woo, S.W. *see* Carol, M. 70199
Woo, S.Y., Grant, W.H., III, Bellezza, D., Grossman, R., Gildenberg, P., Carpenter, L.S., Carol, M., Butler, E.B. A comparison of intensity modulated conformal therapy with a conventional external beam stereotactic radiosurgery system for the treatment of single and multiple intracranial lesions 110885
Woo, S.Y., Han, S.W., Kim, B.S., Park, J.H. Determination of the jacket coefficient in a controlled clearance piston gauge 110096
Woo, W., Ortega, A. Stereo image compression with disparity compensation using the MRF model 86479
Woo, Y.D., Kang, T.W., Kim, T.W. Improvement of the crystallinity of a GaAs epitaxial film grown on a Si substrate using a Si/SiGe/Ge buffer layer 103972
Woo, Y.D. *see* Kang, T.W. 103971
Woo Byung-Chill *see* Byung-Chill Woo
Woo Cheon Se *see* Se Woo Cheon
Woo Cho Dong *see* Dong Woo Cho
Woo Cho Jin *see* Jin Woo Cho
Woo Choi Sung *see* Sung Woo Choi
Woo Choi Won *see* Won Woo Choi
Woo Chong Ho *see* Chong Ho Woo
Woo Heekyoung *see* Heekyoung Woo
Woo Hong Jin *see* Jin Woo Hong
Woo Hyung Lee, Kyu Sik Chung, Hern Soo Han, Soo Bo Sim An efficient matching strategy for the recognition of natural quadric objects 108669
Woo Jeong Jae *see* Jae Woo Jeong
Woo Jin Oh, Yong Hoon Lee Design of efficient FIR filters with cyclotomic polynomial prefilters using mixed integer linear programming 97664
Woo Jin Oh *see* Hyuk Jun Oh 114129
Woo Kang Dong *see* Dong Woo Kang
Woo Kim Hyoun *see* Hyoun Woo Kim
Woo Kim Jeong *see* Jeong Woo Kim
Woo Kim Tai *see* Tai Woo Kim
Woo Kwang-Bang *see* Kwang-Bang Woo
Woo Lee Chang *see* Chang Woo Lee
Woo Lee Sung *see* Sung Woo Lee
Woo Lee Young *see* Young Woo Lee
Woo Miae *see* Miae Woo
Woo Nam Sae *see* Sae Woo Nam
Woo Nam Suk *see* Suk Woo Nam
Woo Park Jin *see* Jin Woo Park
Woo Park Jong *see* Jong Woo Park
Woo Park Jung *see* Jung Woo Park
Woo Sang Jung, Ho Keun Song, Tae Eun Kim, Jong Soo Choi Model-based 3-D object recognition using Hopfield neural network 98239
Woo Sang-Gyun *see* Sang-Gyun Woo
Woo Seong Che, Jun Ho Oh Development of force-balance accelerometer with high accuracy for precision motion measurement 88971
Woo Shin Cheon *see* Cheon Woo Shin
Woo Shin Hyun *see* Hyun Woo Shin
Woo Tan Gek *see* Gek Woo Tan
Woo Yong Lee, Jong Beom Ra Fast algorithm for optimal bit allocation in a rate-distortion sense 117551
Woo Yoon Chang *see* Chang Woo Yoon
Woo You Cheol *see* Cheol Woo You
Woo-Gon Chung *see* Chul-Hwan Kim 70930
Woo-Gon Chung *see* Chul-Hwan Kim 81079
Woo-Gon Chung *see* Chul-Hwan Kim 102163
Woo-Gyun Shin *see* Myung-Ryul Choi 86155
Woo-Gyun Shin *see* Myung-Ryul Choi 97913
Woo-Yeong Cho *see* Jinsoo Song 62724
Woo-Yong Choi, Chi-Hyuck Jun Exact loss performance analysis of an ATM multiplexer with homogeneous discrete-time on-off sources 77647
Woo-Young Choi, Chen, J.C., Fonstad, C.G. Evaluation of coupling coefficients for laterally-coupled distributed feedback lasers 116495
Woock, A. *see* Nowotinick, M. 114436
Wood, A.R. *see* Arrillaga, J. 81012
Wood, A.R. *see* Chen, S. 81010
Wood, A.W. Computer screens and brain cancer 70263
Wood, B.P., Henins, I., Bartsch, R.R., Walter, K.C. Implantation and deposition of adherent metal-oxide ceramic coatings 61393
Wood, B.P., Walter, K.C. Experiments in conformal metal plasma ion implantation 114869
Wood, C. *see* Truscott, J.G. 80254
Wood, C.E.C. *see* Chih-Cheng Lu 68359
Wood, C.E.C. *see* Dhar, N.K. 82698
Wood, C.E.C. *see* Vusirikala, V. 96382
Wood, D. A user's view of compact batteries [biomedical applications] 81653
Wood, D. The DVB Project: philosophy and core system 109861
Wood, D., Burdess, J., Pitcher, R., Harris, A., Cruickshank, J. A laser vibrometer system to examine the dynamic modal analysis of resonant micromechanical structures 79726
Wood, D., Burdess, J.S., Harris, A.J. Actuators and their mechanisms in microengineering 74864
Wood, D., Cooper, G., Burdess, J., Harris, A., Cruickshank, J. A silicon membrane gyroscope with electrostatic actuation and sensing 74982
Wood, D. *see* Fisher, M. 67965
Wood, D. *see* Guran, O. 114393
Wood, D. *see* Lodge, N.K. 119394
Wood, D.A. *see* Mukherjee, S.S. 77941
Wood, D.H. Some effects of compressibility on small horizontal-axis wind turbines 111868
Wood, D.M., Vemuri, G. Optical bistability in reflection-mode operation of a diode laser amplifier 107290
Wood, E.F. *see* Jackson, T.J. 120842
Wood, E.F. *see* O'Neill, P.E. 120840
Wood, E.L. *see* Harris, J.B. 85136
Wood, F. *see* Choi, J.J. 62615
Wood, G.E.C., Johnson, F.G. Siamese cell for group V flux measurements, uniform arsenide phosphide alloys, and quaternary lasers 82679
Wood, G.M. *see* Beasom, J.D. 82916
Wood, J. Browns Ferry [nuclear power station] 102381

Wood, J. Palo Verde [nuclear power station] 102382
Wood, J. *see* Kovac, J. 100046
Wood, J. *see* Thompson, C. 112794
Wood, J.K. *see* Liu, W.D. 71559
Wood, M. A new optimized audio DAC for the digital set-top box 93503
Wood, M. Application of a multipurpose analog front-end chip for multimedia and communications 98947
Wood, M.E. *see* Johnson, R.A. 93931
Wood, P. Status of international standards for aeronautical satellite communications 88194
Wood, P. *see* Krafft, G.A. 100581
Wood, P.T. *see* Schimek, G.L. 74313
Wood, R. *see* Muraoka, H. 115803
Wood, R.A., Rezachek, T.M., Kruse, P.W., Schmidt, R.N. IR SnapShot camera 69304
Wood, R.A. *see* Cong, S. 108372
Wood, R.F. *see* Chen, K.R. 96595
Wood, R.F.M. *see* Hussain, S.T. 69979
Wood, R.L. *see* Billen, J.H. 89725
Wood, R.L. *see* Takeda, H. 89726
Wood, R.W. *see* Madison, M.R. 115788
Wood, R.W. *see* Tang, Y. 64420
Wood, S.C. Simple performance models for integrated processing tools 95164
Wood, S.E., Jr. *see* Gerson, D.J. 67478
Wood, S.L. A new approach to interactive tutorial software for engineering education 112758
Wood, T.H. *see* Feldman, R.D. 68470
Wood, T.H. *see* Feuer, M.D. 78792
Wood, T.H. *see* Marcuse, D. 68475
Wood, T.H. *see* Wilson, G.C. 88562
Wood, T.H. *see* Wilson, G.C. 99768
Wood, W.H., III, Agogino, A.M. Engineering courseware content and delivery: the NEEDS infrastructure for distance independent education 118477
Woodall, J. *see* Ralph, S.E. 116203
Woodall, J.M. *see* Chang, J.C.P. 92735
Woodall, J.M. *see* Chin, T.P. 84346
Woodall, J.M. *see* McInturff, D.T. 104009
Woodall, J.M. *see* Melloch, M.R. 95995
Woodall, J.M. *see* Tagare, M.V. 74469
Woodall, J.M. *see* Tagare, M.V. 84104
Woodard, J. *see* Hanzo, L. 68313
Woodard, J.P., Torrance, J.M., Hanzo, L. A low-delay multimode speech terminal 109285
Woodberry, M.E., Hunt, W.D. A comparison of temperature performance of SAW delay lines built on LST-cut quartz 106450
Woodbridge, K. *see* Twidell, J.W. 102555
Woodburn, R., Murray, A.F. Pulse-stream techniques and circuits 93196
Woodbury, R.G. *see* Taylor, P.L. 83756
Woodcock, C. *see* Ni, W. 120898
Woodcock, C.E. *see* Carpenter, G.A. 111317
Woodcock, C.E. *see* Gopal, S. 111133
Woodcock, C.E. *see* Li, X. 111311
Woodcock, C.F. *see* Graves-Morris, P.R. 60995
Woodcock, R. *see* Jervis, B.W. 70130
Wooddell, C., Bowlin, R. Pole-top switch increases flexibility 121783
Woode, A. *see* Raboso, D. 100301
Woode, A.D. Problems of passive intermodulation and multipactor in space borne microwave payloads 78617
Woode, R.A., Tobar, M.E., Ivanov, E.N., Blair, D.G. An ultralow noise microwave oscillator based on a high-Q liquid nitrogen cooled sapphire resonator 104822
Woode, R.A. *see* Ivanov, E.N. 93839
Woodell, G. *see* Barber, P.G. 61136
Wooder, N.J. *see* Kluckers, V.A. 98030
Woodfield, A.A., Tomlinson, B.N. Ship airwakes–a new generic model for piloted simulation 120591
Woodford, D.A. Electromagnetic design considerations for fast acting controllers 91090
Woodford, D.A. Solving the ferroresonance problem when compensating a DC converter station with a series capacitor 102051
Woodford, D.A., Ulleryd, J., McLaren, P.G. Special protection requirements for a series compensated DC link 91118
Woodford, D.A. *see* Atmuri, S.R. 80925
Woodford, D.A. *see* Bodger, P.S. 70645
Woodford, D.A. *see* Iravani, M.R. 91033
Woodford, D.A. *see* Irwin, G.D. 111490
Woodford, P., Casasent, D. High accuracy and fast new format optical Hough transform 117723
Woodford, P., Turpin, T., Rubin, M., Lapides, J., Price, C. The synthetic aperture microscope, experimental results 117726
Woodgate, B. *see* Joseph, C.L. 79528
Woodhams, F.W.D. *see* Bangham, J.A. 77358
Woodhead, S.R. *see* Murnane, S.N. 70529
Woodhouse, E.J. When expertise goes awry, and when it proves helpful 92114
Woodhouse, I.H., Hoekman, D.H. Tropical forest monitoring using data from the ERS-1 Wind Scatterometer 111346
Woodhouse, I.H., Hoekman, D.H. Modelling of microwave backscatter using a tree-growth model for boreal forests within the NOPEX Test Site 120677
Woodhouse, J.B. *see* Evans, D.J. 113514
Woodhouse, R. *see* Bruegge, C. 120723
Woodle, M. *see* Ingold, G. 96564
Woodle, M. *see* Palmer, D.T. 89709
Woodle, M. *see* Palmer, D.T. 100527
Woodle, M. *see* Solomon, L. 96475
Woodley, M. *see* Adolphsen, C. 89648
Woodley, M. *see* Hendrickson, L. 100556
Woodley, M. *see* Minty, M.G. 89653
Woodley, M. *see* Turner, J.L. 89654
Woodley, M. *see* Zimmermann, F. 89651
Woodley, N.H. Tomorrow's Custom Energy Center using emerging power electronics 91130
Woodrow, J.E.J. Using telecommunications to provide inservice training in technology enhanced instruction 92060
Woodruff, A., Aoki, P.M., Brewer, E., Gauthier, P., Rowe, L.A. An investigation of documents from the World Wide Web 77960
Woodruff, C. *see* Sutherland, S. 70576
Woodruff, C.J. Efficient display of high dynamic range imagery 69263
Woodruff, D.L. *see* Rocke, D.M. 103556
Woodruff, M. *see* Luther-Davies, B. 116618
Woodruff, M. *see* Samoc, M. 116647
Woods, A., Docherty, T., Koch, R. 3D video standards conversion 97518
Woods, B. *see* Barker, C.E. 85432
Woods, C. *see* Asimellis, G. 98020
Woods, C. *see* Khoury, J. 79276
Woods, D. *see* Devine, S. 98754
Woods, D.D. *see* Watts, J.C. 111073
Woods, J. *see* Fiddes, A.J.C. 74280
Woods, J.V. *see* Davies, R.M. 113670
Woods, J.W. *see* Francos, J.M. 66665
Woods, J.W. *see* Francos, J.M. 66821
Woods, K., Bowyer, K., Kegelmeyer, W.P., Jr. Combination of multiple classifiers using local accuracy estimates 86406
Woods, K. *see* Pemberton, J.B. 92062
Woods, K.J., Walsh, J.E. Comparison of grating and wiggler based free-electron lasers 96522
Woods, M. *see* Spencer, J. 89666
Woods, M.J., Hedley, R.P. IRMF intercomparison of calibration of large area reference sources and portable alpha and beta surface contamination monitors 1993/4. Part 1 88907
Woods, N.J., Hall, S. Self-aligned cobalt disilicide/silicon Schottky barrier contacts: fabrication, materials and electrical characterization 74475
Woods, N.J., Hall, S. Self-aligned cobalt disilicide/silicon Schottky barrier diodes 84300
Woods, P.J. Low energy RNB experiments using high granularity detector arrays 69782
Woods, R.C. *see* Hayden, R.K. 74394
Woods, R.C. *see* Kirmse, K.H.R. 63333
Woods, R.C. *see* Williams, C.B. 81491
Woods, R.E. *see* Wenger, G.M. 92187
Woods, R.F. *see* Hui, C.C.W. 108607
Woods, R.F. *see* McCanny, J.V. 77535
Woods, S.P. The IEEE-P1451 transducer to microprocessor interface 109025
Woods, S.P. *see* Eidson, J.C. 87889
Woods, W.F. *see* Redpath, J. 69305
Woodside, C.M. *see* Thia, Y.H. 118136
Woodside, G., Blam, B., Payne, S. Implementing ISO 14001: a case study 72382
Woodthorpe, C. Multiple domain system simulation for wireless design 118824
Woodtli, A. *see* Morel, J. 64689
Woodtli, A. *see* Morel, J. 64712
Woodward, B., Sari, H. Implementation of digital technology for underwater voice communications 66576
Woodward, B., Sari, H. Digital underwater acoustic voice communications 68538
Woodward, D.R., Levy, D.C., Harley, G. A programmable I/O system for real-time AC drive control applications 103085
Woodward, G., Oppermann, I., Vucetic, B.S. Adaptive techniques for increased satellite cellular mobile system capacity 118877
Woodward, G., Rapajic, P., Vucetic, B. CDMA cellular mobile system capacity improvement by combination with TDMA and adaptive interference suppression 118847
Woodward, J.L., Jr. Communications-computer systems and plans in Air Combat Command 80717
Woodward, M.E. Product-form closed discrete-time queueing networks with finite capacity shared buffer nodes 118043
Woodward, S.L., Bodeep, G.E., Darcie, T.E., Huang, G., Wang, Z., Werner, J.J. A passive-optical network employing upconverted 16-CAP signals 99575
Woodward, S.L., Lu, X., Darcie, T.E., Bodeep, G.E. Technique for the reduction of optical beat interference in subcarrier multiplexed systems 78851
Woodward, S.L. *see* Lu, X. 78790
Woodward, T.K. Optical receivers for smart-pixel applications 99459
Woodward, T.K., Krishnamoorthy, A.V., Goossen, K.W., Walker, J.A., Chirovsky, L.M.F., Hui, P., Tseng, B., Kossives, D., Dharinger, D., Leibenguth, R.E., Cunningham, J.E., Jan, W.Y. Synchronous sense-amplifier-based optical receivers for smart-pixel applications 85333
Woodward, T.K., Krishnamoorthy, A.V., Goossen, K.W., Walker, J.A., Cunningham, J.E., Jan, W.Y., Chirovsky, L.M.F., Hui, S.P., Tseng, B., Kossives, D., Dahringer, D., Bacon, D., Leibenguth, R.E. Clocked-sense-amplifier-based smart-pixel optical receivers 88610
Woodward, T.K., Krishnamoorthy, A.V., Goossen, K.W., Walker, J.A., Lentine, A.L., Novotny, R.A., D'Asaro, L.A., Chirovsky, L.M.F., Hui, S.P., Tseng, B., Kossives, D., Dahringer, D., Leibenguth, R.E., Cunningham, J.E., Jan, W.Y., Miller, D.A.B. 15 μm solder bonding of GaAs/AlGaAs MQW devices to MOSIS 0.8 μm CMOS for 1 Gb/s two-beam smart-pixel receiver/transmitter 78867
Woodward, W.F. *see* Boucher, R.H. 79442
Woodworth, C., Paul, S., Karol, M.J. Real-time processing for virtual circuits in ATM switching 78306
Woodworth, C.B. *see* Karol, M.J. 99183
Woodworth, G. *see* Tye-Murray, N. 90601
Woodworth, J. *see* Ellner, P.M. 60573
Woodworth, M.B. *see* Yaghjian, A.D. 66014
Woodworth, P. *see* Murphy, C.M. 109748
Woodworth, P.L., Vassie, J.M., Hughes, C.W., Meredith, M.P. A test of the ability of TOPEX/POSEIDON to monitor flows through the Drake Passage 120809
Woody, C. *see* David, G. 80077
Woody, C. *see* David, G. 100863
Woody, C.L., Kierstead, J.A., Stoll, S.P., Zhu, R.Y., Ma, D.A., Newman, H.B. A study of the optical and radiation damage properties of lead tungstate crystals 100895
Woody, C.L., Stoll, S.P., Kierstead, J.A. Observation of fast scintillation light in a PbF$_2$:Gd crystal 80055
Woody, C.L., Stoll, Y.P., Kierstead, L. Observation of fast scintillation light in a PbF$_2$:Gd crystal 100893
Woody, C.L. *see* Zhu, R.Y. 100811
Woody, D.P. *see* Padin, S. 73782
Woody, G. *see* Severns, R. 71818
Woody, K.A. *see* Nolen, J.A. 100590
Woohong Kim *see* Tripathy, S. 85591
Wook Bahng, Hyeong Joon Kim Heteroepitaxial growth of β-SiC thin films on Si(100) substrate using a new source material: bis-trimethylsilylmethane 104044
Wook Cho Hyun *see* Hyun Wook Cho
Wook Hyoung Lee, Choochon Lee, Jang, J. Quantum size effects on the conductivity in porous silicon 94286
Wook Hyoung Lee *see* Kyung Eon Lee 113375
Wook Hyun Kwon *see* Jung Woo Park 87782
Wook Hyun Won *see* Hong Seong Park 98734
Wook Jeong Seong *see* Seong Wook Jeong
Wook Jung Kwang *see* Kwang Wook Jung
Wook Kang, Chung Yuen Won A study on the new converter for the switched reluctance motor drive 81944
Wook Kang *see* Hong-Je Ryoo 81420
Wook Kim, Aktas, O., Botchkarev, A.E., Salvador, A., Mohammad, S.N., Morkoc, H. Reactive molecular beam epitaxy of wurtzite GaN: materials characteristics and growth kinetics 74138
Wook Kim, Salvador, A., Botchkarev, A.E., Aktas, O., Mohammad, S.N., Morcoc, H. Mg-doped p-type GaN grown by reactive molecular beam epitaxy 83855
Wook Kim *see* Young-Moon Park 80914
Wook Kim Byung *see* Byung Wook Kim
Wook Lim Chae *see* Chae Wook Lim
Wook Lim Sung *see* Sung Wook Lim
Wook-Jun Nam *see* Hyeon-Soo Kim 84137
Wookgee Lee *see* Ukita, A. 94104
Wookwon Lee, Pickholtz, R.L. Performance and convergence analysis of a CM signal canceler with noise 86294
Wool, A. *see* Amir, Y. 98667
Woolard, D.L., Brown, E.R., Buot, F.A., Lu, X.J., Rhodes, D.L., Perlman, B.S. Intrinsic oscillations in resonant tunneling structures 63565
Wooldridge, I., Howson, M.A., Gauzzi, A., Pavuna, D., Walker, D.J.C. Comparison of the E-J characteristics of several YBa$_2$Cu$_3$O$_{7-\delta}$ thin films 75317
Wooldridge, J. *see* Sturdivant, R. 83478
Wooldridge, J. *see* Sturdivant, R. 83479
Wooldridge, J.R. Understanding solderability testing: history and state of the art 94058
Woolery, B., Ferguson, J. The benefits of split-phase [power transmission] 111642
Woolet, S. *see* Rindos, A. 87298
Woolet, S. *see* Rindos, A. 109038
Woolet, S. *see* Rindos, A. 109141
Wooley, B.A. *see* Chin-Chieh Chao 61906
Wooley, B.A. *see* Chye Huat Aw 79545
Wooley, B.A. *see* Heshami, M. 61880
Wooley, B.A. *see* Rabii, S. 73483
Wooley, B.A. *see* Shen, D.H. 78465
Wooley, B.A. *see* Zargari, M. 73576
Woolf, C. Service analysis and design with a graphical domain-enhanced tool 87888
Woolf, C. *see* Zibman, I. 68132
Woolf, C. *see* Zibman, I. 98596
Woolf, D.A. *see* Levermann, A.H. 82662
Woolfe, A. *see* Savchenko, A.K. 106082
Woolfenden, J.M. *see* Barber, H.B. 101212
Woolfenden, J.M. *see* Eskin, J.D. 100860
Woolfenden, J.M. *see* Marks, D.G. 80353
Woolfenden, J.M. *see* Marks, D.G. 101240
Woolfson, M.S., Hui, S.Y.R. Application of the transmission line method to the solution of the continuous Kalman filter equations of general order 114053
Woolfson, M.S. *see* Ferrah, A. 112454

Woolhouse, A.D. *see* Barnes, T.H. 65547
Woollam, J.A. *see* Hilfiker, J.N. 75189
Woollam, J.A. *see* Schubert, M. 119916
Woollard, J.E., Blue, T.E., Gupta, N., Gahbauer, R.A. Development and application of neutron field optimization parameters for an accelerator-based neutron source for boron neutron capture therapy 90573
Woolley, R.D. Extension of TFTR operations to higher toroidal field levels 97003
Woollman, S., Ozizmir, E. Numerical approximation of the one-dimensional Vlasov-Poisson system with periodic boundary conditions 113252
Woollons, D.J. *see* Hogan, P.A. 82326
Woolner, L., Hannon, T. Demand side management–latest developments in tele-technology 101771
Woolsey, G.A. *see* Scelsi, G.B. 79500
Woolsey, M. *see* Celii, F.G. 63574
Woolsey, T.A. *see* Dowling, J.L. 101221
Woolston, T.L. *see* Bartschi, B.Y. 90692
Woon Choi Jong *see* Jong Woon Choi
Woon Choi Yong *see* Yong Woon Choi
Woon Lee Ha *see* Ha Woon Lee
Woon Tai Seow *see* Tai Seow Woon
Woon Yan Tak *see* Tak Woon Yan
Woong Beom Pyun *see* Do Run Kim 90343
Woong Eum Nak *see* Nak Woong Eum
Woong Ho Cho *see* Duck Soo Noh 85172
Woong Huh *see* Ho Jae Lee 101070
Woong Hwang Kyu *see* Kyu Woong Hwang
Woong Lee Choong *see* Choong Woong Lee
Woong Nam Ki *see* Ki Woong Nam
Woong Ra Jung *see* Jung Woong Ra
Woong Sang Jahng *see* Dong Hoon Choi 85641
Woonyun Kim *see* Joonwoo Lee 94925
Woosley, A. *see* Ganesan, G.S. 92205
Wootters, W.K. *see* Hausladen, P. 117118
Wootters, W.K. *see* Schumacher, B. 66185
Worboys, M.R. *see* Rankin, I.D. 100212
Worch, M. *see* Weissmuller, G. 81039
Word, G. *see* Abe, K. 69708
Word, G. *see* Abe, K. 69726
Word, J.C. *see* Borges, B.V. 99594
Word, J.C. *see* Kravitz, S.H. 116017
Word, J.C. *see* Zubrzycki, W.J. 65001
Wordeman, M.R. *see* Kirihata, T. 61897
Wordeman, M.R. *see* Kirihata, T. 93380
Wordeman, M.R. *see* Watanabe, Y. 61898
Wordeman, M.R. *see* Watanabe, Y. 93381
Worden, K., Deacon, B.P. Genetic parameter estimation 92521
Worden, K. *see* Burrows, A.P. 61479
Worden, M.K. *see* Bykhovskaia, M. 90506
Worden, R.M. *see* Peteu, S.F. 110246
Wordenweber, R. *see* Vaupel, R. 75352
Workman, G.L., Walker, J.L. Materials characterization of powder metallurgy products using acousto-ultrasonics [and neural nets] 113001
Workman, R.K. *see* Ruskell, T.G. 84188
Worland, E.M. *see* Farag, A.S. 102909
Worley, J.F. *see* Mitchell, I.H. 71496
Worley, L., Nelson, J. DevIS: Motorola's near-real-time device information and visualization system using SAS/AF and SAS/SCL 82835
Worlikar, A.S., Knio, O.M. Numerical simulation of a thermoacoustic refrigerator I. Unsteady adiabatic flow around the stack 112616
Worm-Chi Ho *see* Pai-Ning Hung 121011
Wormald, N. *see* Frieze, A. 103645
Wormald, N.C. *see* Meei Pyng Ng 103616
Worms, J.G. Superresolution methods and model errors 68595
Wornell, G.W. Efficient multiuser communication in the presence of fading 68035
Wornell, G.W. *see* Malvar, H.S. 86738
Worrall, A.D. *see* Maybank, S.J. 67309
Worrall, B. *see* Harrison, M.R. 88068
Worrall, J. *see* Stepp, D. 84703
Worrell, M.J. *see* Easter, W.G. 63151
Worrell, W.L., Ping Han, Uchimoto, Y., Davies, P.K. A new single-component solid oxide fuel cell 81751
Worring, M., Smeulders, W.M., Staib, L.H., Duncans, J.S. Parameterized feasible boundaries in gradient vector fields 69918
Worschech, L., Ossau, W., Fischer, F., Waag, A., Landwehr, G. Cadmium vacancy related defects in MBE grown CdTe 94348
Worschech, L. *see* Fischer, F. 94721
Worschech, L. *see* Hoffmann, A. 74210
Worschech, L. *see* Lugauer, H.J. 94718
Worstell, G. *see* Huber, W.D. 115813
Worstell, W., Johnson, O., Zawarzin, V. Development of a high-resolution PET detector using LSO and wavelength-shifting fibers 101338
Worstell, W.A. *see* Brown, D.H. 110569
Worstell, W.A. *see* Ouyang, J. 83779
Worth, B. *see* Gould, S. 113853
Wortman, J.J. *see* Hobbs, C.C. 105500
Wortman, J.J. *see* Morfouli, P. 63668
Wortman, J.J. *see* Morfouli, P. 94960
Wortman, J.J. *see* Morfouli, P. 94968
Wortman, J.J. *see* Sridevan, S. 105719
Wortman, J.J. *see* Vogel, E.M. 63658
Wortman, M.A. *see* Klutke, G.-A. 82378
Wortmann, R., Lundquist, P.M., Twieg, R.J., Geletneky, C., Moylan, C.R., Jia, Y., DeVoe, R.G., Burland, D.M., Bernal, M.-P., Coufal, H., Grygier, R.K., Hoffnagle, J.A., Jefferson, C.M., Macfarlane, R.M., Shelby, R.M., Sincerbox, G.T. A novel sensitized photochromic organic glass for holographic optical storage 106757
Wortmann, R. *see* Burland, D.M. 115995
Woryna, E., Parys, P., Wolowski, J., Laska, L., Krasa, J., Masek, K., Pfeifer, M., Kralikova, B., Skala, J., Straka, P., Rohlena, K. Au^{49+}, Pb^{50+}, and Ta^{48+} ions from laser-produced plasmas 110530
Woschni, E.-G. Sampling errors and the influence of processing after sampling 86296
Woschni, E.-G. Rheolinear system theory applied to the problem of generation of extremely low frequencies and to frequency modulation 86298
Woschni, H.-G. The use of system theory in optics 64588
Wosinski, L. *see* Noharet, B. 108506
Wosinski, T. *see* Belyaev, A.E. 105366
Wosinski, T. *see* Figielski, T. 115148
Wotschack, J. *see* Braunschweig, W. 120173
Woudenberg, R.H. *see* Flipse, M.C. 106848
Woudsma, R., Beltman, R.A.M., Postuma, G., Turley, A.C., Brouwer, W., Sauvagerd, U., Strassenburg, B., Wettstein, D., Bertschmann, R.K. EPICS: A flexible approach to embedded DSP cores 93412
Woudstra, J.B. *see* Rauta, A. 112627
Wouters, D. *see* Witvrouw, A. 115033
Wouters, D.J., Maes, H.E. Influence of the ferroelectric domain structure and switching properties on the endurance of PZT ferroelectric capacitors 115462
Wouters, D.J. *see* Eun Gu Lee 95279
Wouters, J. *see* De Moor, P. 69800
Wouters, P.A.A.F., Smulders, H.W.M., Wetzer, J.M. Effect of insulator geometry on the AC breakdown and partial discharge behaviour of vacuum insulators 81126
Woutersen, S., Bonn, M., Brugmans, M.J.P., Emmerichs, U., Bakker, H.T. Generation of incoherent mid-infrared photon echoes with parametrically downconverted light 116735
Wowchak, A. *see* Van Hove, J.M. 103878
Wowk, S. *see* Lasserre, A. 70180
Woyski, W.B. *see* Hamma, G.A. 61511
Wozniak, K. *see* Skarman, B. 100145
Wozniak, P. *see* Kabzinski, J. 71321
Wozniak, P. *see* Kabzinski, J. 71330
Wozniak, P. *see* Kabzinski, J. 111936
Wozniak, Z. Simulation of reservation type MAC sublayer protocols for integrated services wireless networks 99345
Wrathall, B. *see* Shekar, M.S. 106169
Wrege, D.E., Knightly, E.W., Hui Zhang, Liebeherr, J. Deterministic delay bounds for VBR video in packet-switching networks: fundamental limits and practical trade-offs 77632
Wrege, D.E., Liebherr, J. Video traffic characterization for multimedia networks with a deterministic service 87950
Wrenner, K. *see* Widmer, A. 78352
Wriedt, T. *see* Evers, T. 96954
Wright, A.C. *see* Coppinger, F. 62929
Wright, A.C. *see* O'Hagan, S.P. 74370
Wright, A.O., Seltzer, M.D., Gruber, J.B., Hutchinson, J.A. Investigation of the presence of mixed valence states in uranium-doped crystals 65143
Wright, B. PC-based system tests vehicles in temperature extremes 99846
Wright, B. *see* Szymanski, J.J. 110589
Wright, B.L. *see* Mak, P. 94744
Wright, C.D., Nutter, P.W., Filbrandt, P.W.M. A theoretical model of magneto optic scanning laser microscopy 85148
Wright, C.S. *see* Chen, Y.K. 69865
Wright, D. *see* Bane, K. 89979
Wright, D. *see* Heifets, S. 89624
Wright, D. *see* Holdener, F.R. 100432
Wright, D.J. Voice over ATM: an evaluation of implementation alternatives 67533
Wright, D.J. Voice over ATM: an evaluation of network architecture alternatives 118222
Wright, D.T., Burns, N.D. A guide to using the WWW to survey BPR research, practitioners and tools 112822
Wright, E. *see* Fowkes, W.R. 100416
Wright, E. *see* Kendall, K. 81772
Wright, E.L. *see* Fowkes, W.R. 100487
Wright, E.M. *see* Dunlop, A.M. 76180
Wright, E.M. *see* Guerreiro, P.T. 65237
Wright, E.M. *see* Guerreiro, P.T. 94562
Wright, E.M. *see* Lawrence, B.L. 107576
Wright, E.M. *see* Torner, L. 65490
Wright, E.M. *see* Torner, L. 107614
Wright, G. *see* Zhang, S. 101064
Wright, H., Crandall, C.M., Miller, P. Active filters enable color imaging 75667
Wright, I.C. *see* Araujo, C.S. 112847
Wright, J., Milburn, G.H.W., Shand, A.J., Werninck, A.R., Coles, H.J., McL Smith, D.A. Synthesis and non-linear optical properties of diacetylenes with conjugated side groups 107501
Wright, J., Scott, K., Tien-Hsin Chao, Lau, B., Lathrop, J., McCormick, J. Multi-sensor data fusion for seafloor mapping and ordnance location 88741
Wright, J.A. HVAC optimisation studies: sizing by genetic algorithm 122086
Wright, J.D. *see* Krist, K. 81749
Wright, J.D. *see* Wallington, S.-A. 69068
Wright, J.J., Liley, D.T.J., Amit, D.J., Bullock, T.H., Erdi, P., Erwin, H.R., Freeman, W.J., Hardcastle, V.G., Ingber, L., Koerner, E., Kowalik, Z.J., Liljenstrom, H., Miller, R., Molnar, M., Nunez, P.L., Oliver, A., Preissl, H., Lutzenberger, W., Pulvermuller, F., Pritchard, W.S., Tsuda, I., Zhadin, M.N. Dynamics of the brain at global and microscopic scales: neural networks and the EEG [commentaries and response] 101391
Wright, J.L., Starr, R.A. Minnesota Guidestar's Genesis project 99321
Wright, J.L. *see* Horton, J.A. 115506
Wright, J.M., Angel, C. An industrial user's view [aged oil filled switchgear] 71578
Wright, J.R. *see* Burrows, A.P. 61479
Wright, M. 3D audio: above and behind you or moving low left to right? 99804
Wright, M., Fitzgibbon, A., Giblin, P.J., Fisher, R.B. Convex hulls, occluding contours, aspect graphs and the Hough transform 108417
Wright, M., Karnes, W.K. Cable modems: The tortoise versus the hare 99776
Wright, M. *see* Constantinof, C. 118299
Wright, M. *see* Hooper, G.S. 120416
Wright, M.A. Silence and secrecy: a historical sketch of the NSA 97519
Wright, M.R. Shuttle small payloads: how to fly shuttle in the "Faster, cheaper, better" world 90677
Wright, M.T. *see* Maggs, J.D. 122005
Wright, M.W. *see* Dente, G.C. 96246
Wright, N.G., Johnson, C.M., O'Neill, A.G. 4H-SiC power TCAD 84285
Wright, O.B. Local acoustic probing using mechanical and ultrafast optical techniques 110462
Wright, O.B., Zammit, U., Marinelli, M., Gusev, V.E. Picosecond relaxation and thermal diffusion in amorphous silicon 83875
Wright, P.J. Planar array optimisation with failed elements 76659
Wright, P.J. *see* Bagnall, D.M. 75961
Wright, P.J. *see* Trager-Cowan, C. 75953
Wright, P.V., Thompson, D.F., Chang, R.E. Single-phase unidirectional transducers employing uniform-width dithered electrodes 106408
Wright, R. *see* O'Kane, B.L. 90901
Wright, R.N. *see* Fischer, M.J. 66526
Wright, R.N. *see* Reiter, M.K. 76741
Wright, R.N. *see* Stubblebine, S.G. 78016
Wright, S. *see* Flowers, M.C. 74117
Wright, S. *see* Fryer, P.M. 89321
Wright, S.C. *see* Samuels, U. 116590
Wright, S.C. *see* Szymanski, J.J. 110589
Wright, S.J. *see* Monteiro, R.D.C. 103803
Wright, S.L. *see* Kato, Y. 115224
Wright, S.W. *see* Lee, M.J. 84398
Wright, T.L. A case for symmetrical bandwidth 118197
Wright, W. *see* Vaughan, M.J. 88258
Wright, W.M.D., Hutchins, D.A., Hayward, G., Gachagan, A. Ultrasonic imaging using laser generation and piezoelectric air-coupled detection 101626
Wright, W.M.D. *see* Hutchins, D.A. 111385
Wristers, D., Wang, H.H., Wolf, I.D., Han, L.K., Kwong, D.L., Fulford, J. Ultra thin oxide reliability: effects of gate doping concentration and poly-Si/SiO$_2$ interface stress relaxation 94630
Wristers, D. *see* Han, L.K. 84572
Wrobbel, D., Walker, K. UltraSPARC-I microprocessor yield and performance analysis 61941
Wrobel, A. *see* Rokita, E. 100380
Wrobel, A.M., Walkiewicz-Pietrzykowska, A. Film-forming precursors in plasma chemical vapor deposition using tetramethyl-1,3-disilacyclobutane as a source compound 82762
Wrobel, A.M. *see* Wickramanayaka, S. 92853
Wrobel, J. *see* Graczyk, S. 110863
Wrobel, J. *see* Jaroszynski, J. 105421
Wrobel, J. *see* Jezewski, J. 110666
Wrobel, J. *see* Jezewski, J. 110781
Wrobel, J.M., Dubowski, J.J. Optical properties of films, quantum wells and superlattices grown by pulsed laser deposition 105327
Wrobel, M.C., Ng, C.Y., Clinthorne, N.H., Webster, T.A., Zhang, Y., Rogers, W.L. Design, construction and performance of one-dimensional lead foil parallel plate and fan-beam collimators for gamma ray imaging 101007
Wrobel, M.C. *see* Clinthorne, N.H. 101100
Wrobel, T. *see* Hechner, J. 106463
Wrobel, Z. Analysis of reliability of spark-gap protection of signalling circuits feeders using ATP package 112534
Wroblewski, A. *see* Jirousek, J. 72728
Wroblewski, J. Magnetization of brushless synchronous generator with permanent magnets additionally excited-analysis conditions 91494
Wroblewski, M. *see* Misiuk, A. 114585
Wroblewski, Z. Generalised discrete reliability model of electromagnetic AC contactors 81623
Wroblewski, Z. Probabilistic model and method of assessing the reliability of the contacts of AC contactors 83566
Wroe, R. Microwave-assisted firing of ceramics 112641
Wroge, D.M. *see* Kizilyalli, I.C. 106227
Wronski, C.R. Amorphous silicon technology: coming of age [solar cells] 103017

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Wu, A. *see* [illegible]
Wu, A.Y. *see* [illegible]
Wu, A.Y. *see* [illegible]
Wu, B., [illegible]
Wu, B.-[illegible]
Wu, B.-Y. *see* [illegible]
Wu, B.J., [illegible]
Wu, C., [illegible]
Wu, C. *see* [illegible]
Wu, C. *see* [illegible]
Wu, C. *see* [illegible]
Wu, C.-H., [illegible]
Wu, C.-H. *see* [illegible]
Wu, C.-H. *see* [illegible]
Wu, C.-L., [illegible]
Wu, C.-L. *see* Li, J. [illegible]
Wu, C.-S., Jiau, J.-C., Chen, K.-J. Integrated round-robin: a scheduling algorithm for guaranteeing [illegible] ATM [illegible]
Wu, C.-S., Lee, S., Wu, K.-T. Study of [illegible]
Wu, C.-S., Ma, G.-K. On the design of a shared-memory-based [illegible] switch for ATM networks [illegible]
Wu, C.-S. *see* Gan, T.-H. [illegible]
Wu, C.-Y., [illegible]
Wu, C.-[illegible]
Wu, C.-[illegible] *see* [illegible]
Wu, C.C. *see* [illegible]
Wu, C.C.M., [illegible]
Wu, C.E. *see* [illegible]
Wu, C.F.J. *see* [illegible]
Wu, C.H., [illegible] hexamethyldisilane and void formation mechanism [illegible]
Wu, C.J., Sung, A.H. Performance comparison of MOI and COA in the application of image library access [illegible]
Wu, C.J., Sung, A.H., [illegible]
Wu, C.S., [illegible]
Wu, C.S. *see* [illegible]
Wu, C.W. *see* [illegible]
Wu, D. *see* [illegible]
Wu, D. *see* [illegible]
Wu, D. *see* [illegible]
Wu, D. *see* [illegible]
Wu, D. *see* [illegible]
Wu, D.-[illegible] Extended fault management information model for [illegible] networks [illegible]
Wu, D.-W. *see* Henderson, G.N. 94915
Wu, D.L. *see* Hall, R.C. [illegible]
Wu, D.M., Thoma, F., Davis, J. [illegible] cascode voltage switch [illegible]
Wu, E. *see* Fettweis, G. [illegible]
Wu, E. *see* Strong, A. [illegible]
Wu, E.[illegible]
Wu, F. *see* [illegible]
Wu, F. *see* [illegible]
Wu, F.[illegible]
Wu, F.[illegible]
Wu, F.[illegible]
Wu, H., Dawson, P., Hamilton, B. Optical characterisation of a GaAs/AlGaAs vertical cavity surface emitting quantum well laser structure grown by MOCVD [illegible]
Wu, H., Fukumoto, T., Chen, Q., Yachida, M. Obtaining optimal images for face recognition using an active camera 87129
Wu, H., [illegible], S. dc field effects on streaming electrification in insulating oils 115433
Wu, H., [illegible], R., McCurdy, A.H. Pulsed radiation generation in closed and open cavity gyrotrons [illegible]
Wu, H., Yokoyama, T., Pramadihanto, D., Yachida, M. Face and facial feature extraction from color image [illegible]
Wu, H. *see* Chen, Q. 87019
Wu, H. *see* Feng, Z. 81072
Wu, H.-S., Barba, J., Gil, J. Region growing segmentation of textured cell images 77072
Wu, H.-T. A new access algorithm design for an ATM ring network with spatial reuse 98782
Wu, H.-W. *see* Grebel, H. 63313
Wu, H.C. *see* Chen, B.Y. 74709
Wu, H.F. *see* Su, F.C. 70116
Wu, H.R. A new distortion measure for video coding blocking artifacts 117787
Wu, H.R. *see* [illegible]
Wu, H.X. *see* Conn, D. 106856
Wu, J., Durrant, S., Minor, E., Heppelmann, S., Barton, D., Bunce, G., Carroll, A., Gushue, S., Kaye, S., Kmit, M., Makdisi, Y., Martel, D., Roser, T., Tanaka, M., Christensen, N., Courant, H., Marshak, M., Maxam, D., White, C., Baker, S., Barbosa, F., Russell, J., Nicholson, H., Aclander, [illegible], Alster, J., Mardor, I., Mardor, Y., Piasetzky, E. Transparency in hadronic reactions at high momentum transfer [illegible]
Wu, J., El-Masry, E. Current-mode ladder filters using multiple output current conveyors 93576
Wu, J., [illegible], R. Wireless CDMA systems with [illegible] control for multi-media communications [illegible]
Wu, J., [illegible], S. Reflection high-energy electron diffraction analysis of iron silicide growth on [illegible]
Wu, J., [illegible], H., Shibuya, Y. A study of talking image effect of normal and ISDN images in plural speech recognition [illegible]
Wu, J., Wang, [illegible], Han, C.B., Zang, M., [illegible] Influence of the semi-insulating GaAs Schottky pad on the Schottky barrier in the active layer [illegible]
Wu, J. *see* Bernadas, S. 79200
Wu, J. *see* Celenk, M. 117713
Wu, J. *see* Pan, D. 110147
Wu, J. *see* Polyakov, V.M. 94366
Wu, J. *see* Riddington, E.P. 70131
Wu, J. *see* Su, I.-J. 87380
Wu, J. *see* Takeda, T. 69443
Wu, J. *see* Tsao, S.-L. 75536
Wu, J. *see* Wang, Z.L. 65539
Wu, J.-C., Jou, H.-L. Simplified control method for the single-phase active power filter 61647
Wu, J.-C., Wang, C.-C. A novel driving scheme for FLCD [illegible]
Wu, J.-C. *see* Dam, D.G. 86526
Wu, J.-G. *see* Chang, K.-L. 72562
Wu, J.-L. *see* Lai, Y.-W. 86627
Wu, J.-L.C., Li-Der Chou, Shian-Jeng Tzeng Virtual paths with dynamic step sizes in ATM networks [illegible]
Wu, J.-L.C., Yen-Wen Chen, Chia-Chang Shiu Traffic modeling and bandwidth allocation for MPEG video sources in ATM networks [illegible]
Wu, J.-L.C. *see* Li-Der Chou 77672
Wu, J.-L.C. *see* Wang, H.K. 78098
Wu, J.-S., Wang, Y.-C. Adaptive bandwidth estimation and allocation for DQDB MAN interworking with B-ISDN [illegible]
Wu, J.-S. *see* Kuo, F.-J. 67526
Wu, J.-S. *see* Kuo, F.-J. 98378
Wu, J.C. *see* Deng, C. 72809
Wu, J.C. *see* Deng, C. 83955
Wu, J.C. *see* Deng, C. 92701
Wu, J.C. *see* Deng, C. 113300
Wu, J.H. *see* Shin-Hsing Chang 119786
Wu, J.H. *see* Wang Zhongyu 79209
Wu, J.J., Syverson, D., Wagener, T., Weygand, J. Wafer cleaning with cryogenic argon aerosols [illegible]
Wu, J.J. *see* Peng, S.T. 85934
Wu, J.K. *see* Lam, C.P. 87056
Wu, J.L. *see* Liu, Y.W. 90115
Wu, J.M. *see* Liu, C.S. 64336
Wu, J.M. *see* Liu, C.S. 115597
Wu, J.W. Coplanar-electrode measurement of electro-optic coefficients in poled polymer thin films [illegible]
Wu, J.W. Investigation of axial ordering in doped liquid crystals by second harmonic generations [illegible]
Wu, J.W., Yang, X.M., Zhu, W.M., Zhu, F.S., Lu, Z.H., Wei, Y. Scanning probe microscopy applications to characterization in microelectronics [illegible]
Wu, J.W. *see* Luo, G.P. 107490
Wu, J.Z. *see* Krause, K.H.R. 63333
Wu, K. *see* Abendroth, J. 69442
Wu, K. *see* An, H. 114361
Wu, K. *see* [illegible]
Wu, K. *see* Huang, J. 97243
Wu, K. *see* Karnett, M. 106208
Wu, K. *see* Kobeissi, H. 114219
Wu, K. *see* Maurin, D. 69002
Wu, K. *see* Saad, Y. 103755
Wu, K.-T. *see* Wu, C.-S. 98521
Wu, K.H. *see* Hsieh, M.C. 64503
Wu, K.T., Gambino, R.J. Magnetoresistance in NiFe/Au multilayers and spin-valve structures 75201
Wu, K.T., Yao, Y.D., Chen, T.C. Optical and magnetic studies of SmCo and SmFe films 75142
Wu, L., Benois-Pineau, J., Delagnes, P., Barba, D. Spatio-temporal segmentation of image sequences for object-oriented low bit-rate image coding 98307
Wu, L. *see* Boucaud, P. 94512
Wu, L.-C. *see* Shyu, H.-M. 98785
Wu, L.C. *see* Chang, W.C. 110793
Wu, M., Clays, K., Persoons, A. High-resolution electric-field-induced second-harmonic generation with ultrafast Ti:sapphire laser 116738
Wu, M., Yuan, S., Yan, Y., Jin, G., Cheng, G. Compact optical morphological image processor with single operation mode 117729
Wu, M. *see* Azzazy, M. 69098
Wu, M. *see* Cheng, Z. 107773
Wu, M. *see* Corba, M. 98276
Wu, M. *see* Yuan, S. 117730
Wu, M.-J.J., Tabib-Azar, M. Theoretical analysis of deformed optical waveguides used in pressure and displacement sensors 64789
Wu, M.-T., Chu, F.L. Penetrative imaging of 2D conductors embedded in planar multilayer media 67417
Wu, M.C. *see* Fan, L. 65005
Wu, M.C. *see* King, C.R. 95806
Wu, M.C. *see* Lin, L.Y. 75561
Wu, M.C. *see* Lin, L.Y. 78673
Wu, M.C. *see* Lin, L.Y. 110162
Wu, M.C. *see* Shen, J.L. 64624
Wu, M.C. *see* Shi-Sheng Lee 78870
Wu, M.C. *see* Tong, D.T.K. 66147
Wu, M.C. *see* Tong, D.T.K. 66156
Wu, M.C. *see* Tong, D.T.K. 97383
Wu, M.C. *see* Tong, D.T.K. 119157
Wu, M.D. *see* Ying, T.F. 71373
Wu, M.F., Vantomme, A., De Wachter, J., Degroote, S., Pattyn, H., Langouche, G. Comprehensive Rutherford backscattering and channeling study of ion-beam-synthesized $ErSi_{1.7}$ layers 63262
Wu, M.F., Vantomme, A., Pattyn, H., Langouche, G., Bender, H. Ion beam synthesis of heteroepitaxial erbium silicide layers 113445
Wu, M.H. *see* Shi, R.F. 76226
Wu, M.J.-N. *see* Ming-Dou Ker 84576
Wu, M.K. *see* Kao, C.H. 65594
Wu, M.K.W., Tse, C.K., Chan, P. An integrated CAD tool for switching power supply design with electromagnetic interference prediction 61611
Wu, M.S. *see* Vail, E.C. 68440
Wu, N. MEM task for image restoration in IRAF 77087
Wu, N.J. *see* Fredricksen, H. 106442
Wu, N.J. *see* Zomorrodian, A.R. 106398
Wu, N.M., Tang, K., De, K., Gunda, A. Using FA-scan tool for failure analysis 95141
Wu, O.K., Rajavel, R.D., DeLyon, T.J., Jensen, J.E., Cockrum, C.A., Johnson, S.M., Venzor, G.M., Chapman, G.R., Wilson, J.A., Patten, E.A., Radford, W.A. MBE-grown HgCdTe heterojunction structures for IRFPAs 100113
Wu, O.K. *see* De Lyon, T.J. 72830
Wu, O.K. *see* Rajavel, R.D. 82697
Wu, P. *see* Yin, J. 106407
Wu, P. *see* Yin, X.T. 106434
Wu, P.H. *see* Wang, H.B. 75348
Wu, P.H. *see* Xian Zhen Chen 91543
Wu, P.S.Y., Lau, Y.F. An efficient recognition system of geometric primitives from mechanical drawing 86694
Wu, Q., Hewitt, T.D., Zhang, X.-C. Two-dimensional electro-optic imaging of THz beams 95822
Wu, Q., Kim, S., Revankar, S.T., Lee, R.Y. High pressure simulation experiment on corium dispersion in direct containment heating 121304
Wu, Q., Litz, M., Zhang, X.-C. Broadband detection capability of ZnTe electro-optic field detectors 69109
Wu, Q., Sun, F.G., Campbell, P., Zhang, X.-C. Dynamic range of an electro-optic field sensor and its imaging applications 79684
Wu, Q., Zhang, G., Ishii, M., Lee, R. Modeling of corium dispersion in DCH accidents 121302
Wu, Q., Zhang, G.J., Ishii, M., Revankar, S.T., Lee, R.Y. Experimental simulation of corium dispersion phenomena in direct containment heating 121303
Wu, Q., Zhang, X.-C. Electrooptic sampling of freely propagating terahertz fields 110340
Wu, Q. *see* Leung, W.H. 89570
Wu, Q.D. *see* Liu, Y.W. 90115
Wu, Q.H. *see* Hunter, G.W. 110273
Wu, R. *see* Feldman, S.M. 118297
Wu, R. *see* Hongching Shan 63334
Wu, R.-B. Edge-based tetrahedral finite element analysis for waveguide transition with dielectric transformer 97285
Wu, R.-C. *see* Chyn, C. 121458
Wu, R.L.C. *see* Kosel, P.B. 100010

Wu, R.T., Chang, S.-Y., Chung, Y.W., Tzou, H.C., Tso, T.-L. FTIR remote sensor measurements of air pollutants in the petrochemical industrial park 70534
Wu, S. *see* Chen, B.A. 84579
Wu, S. *see* Nguyen-Ngoc, D. 63964
Wu, S.-C. *see* Nju, H. 69848
Wu, S.-T., Lackner, A.M. Film-compensated parallel-aligned cells for high-speed LCDs 89454
Wu, S.-T.S. Microwave remote sensing of land surfaces soil moisture at Global Hydrology and Climate Center 120867
Wu, S.D. *see* Bartolacci, M.R. 67601
Wu, S.D. *see* Storer, R.H. 82422
Wu, S.L. *see* Espindola, R.P. 65497
Wu, S.L. *see* Zhang, J.P. 85522
Wu, T. *see* Ming-Jer Chen 61708
Wu, T. *see* Ming-Jer Chen 61708
Wu, T.-C., Chen, K.-C., Chao, C.-C. Performance of direct-sequence and slow frequency hopped spread spectrum for wireless local communications 68153
Wu, T.-F., Chen, Y.K. A systematic and unified approach to modeling PWM DC/DC converters using the layer scheme 121620
Wu, T.-F., Yu, T.-H., Hung, J.-C., Yang, H.-P. Analysis and design of dimmable electronic ballasts for fluorescent lamps using fuzzy controller 71889
Wu, T.-L., Chang, H.-C. A novel dispersion calculation method for elliptical-core fiber-optic dispersion compensators 95704
Wu, T.C. *see* Chen, H.S. 74619
Wu, T.D. *see* Nesladek, M. 94693
Wu, T.H., Sheu, B.J., Chou, E.Y. Behavioral simulation of densely-connected analog cellular array processors for high-performance computing 62105
Wu, T.T. *see* Houdzoumis, V.A. 85837
Wu, T.T. *see* Morris, M.E. 85977
Wu, T.Y., Thiel, G.H. Fracture toughness of flip-chip encapsulants 112973
Wu, T.Y., Tsukada, Y., Chen, W.T. Materials and mechanics issues in flip-chip organic packaging 112937
Wu, T.Y. *see* Goodelle, J.P. 114407
Wu, T.Y. *see* Shepherd, R.R. 112970
Wu, T.Y., Chen, W.T., Pearson, R.A., Read, D.T. *(editors)* Application of Fracture Mechanics in Electronic Packaging and Materials. 1995 ASME International Mechanical Engineering Congress and Exposition (EEP-Vol.11, MD-Vol.64) 112741
Wu, V. *see* Cheng, Y.-Q. 86498
Wu, W., Akatsuka, T., Yamauchi, H., Kubo, T. Analysis of sperm motion by trajectory extraction from image sequence 80218
Wu, W., Scacco, P., Held, M., Jacob, P., Umbricht, N. Electrical overstress failures in power insulated gate bipolar transistor modules 96929
Wu, W. *see* Aguilera, A. 89273
Wu, W. *see* Chalmers, B.J. 111871
Wu, W. *see* Dao, T. 105638
Wu, W.-R., Yu, F.-F. A decision-directed Kalman filter for suppressing narrowband interference in DS spread-spectrum systems 99106
Wu, W.C. *see* Liaw, C.M. 102529
Wu, X., Bailey, P., Foo, K., Stiles, J.A.R. Electroluminescent display with a thick-film dielectric layer 89405
Wu, X., Bhanu, B. Target recognition using multiscale Gabor filters 77137
Wu, X., Brown, J.K., Tang, H.R., Blankespoor, S.C., Hasegawa, B.H. Concurrent iterative reconstruction algorithms (CIRAs) in multi-headed SPECT systems 101154
Wu, X., Haimovich, A.M. Space-time processing for increased capacity of wireless CDMA 68163
Wu, X., Haimovich, A.M. Adaptive arrays for increased performance in mobile communications 88357
Wu, X., Haimovich, A.M. Space-time processing for increased capacity of wireless CDMA 118846
Wu, X., Johnson, R.H., Cho, P.S. Determinants of signal to noise ratio in conebeam image reconstruction using the Feldkamp algorithm 70079
Wu, X. *see* Blankespoor, S.C. 101145
Wu, X. *see* Coutts, T.J. 94373
Wu, X. *see* MacKenzie, J.D. 113287
Wu, X. *see* Tang, H.R. 90362
Wu, X. *see* Tang, H.R. 101161
Wu, X. *see* York, R.C. 79810
Wu, X.D., Street, R.A., Weisfield, R., Ready, S., Nelson, S. Page sized a-Si:H 2-dimensional array as imaging devices 100103
Wu, X.D. *see* Findikoglu, A.T. 93835
Wu, X.D. *see* Findikoglu, A.T. 106644
Wu, X.D. *see* Jia, Q.X. 82613
Wu, X.D. *see* Street, R.A. 100144
Wu, X.L., Siu, G.G., Tong, S., Liu, X.N., Yan, F., Jiang, S.S., Zhang, X.K., Feng, D. Raman scattering of alternating nanocrystalline silicon/amorphous silicon multilayers 83959
Wu, X.S. *see* Hu, K.X. 114489
Wu, X.X. *see* Maizer, S. 82678
Wu, X.Y. *see* Dilmanian, F.A. 90434
Wu, X.Z. *see* Fullerton, E.E. 113359
Wu, X.Z. *see* Fullerton, E.E. 113368
Wu, Y., Burnham, B., Litvinenko, V.N. The Duke storage ring control system 89931
Wu, Y., Caron, B., Ledoux, B., Guillet, M. Evaluation of COFDM for ATV transmission over 6 MHz channels 119434
Wu, Y., Fujikawa, K., Kobayashi, H. A control method of speed control drive system with backlash 91818
Wu, Y., Ikeda, H., Yoshida, H., Shinohara, S. Bidirectional transmission of addressed audio signal through GI multimode optical fibres 68426
Wu, Y., Ledoux, B., Bergeron, A., Caron, B. OFDM for digital television terrestrial distribution over channels with multipath and non-linear distortions 68832
Wu, Y., Litvinenko, V.N., Burnham, B., Madey, J.M.J. Experimental study of the Duke storage ring dynamic aperture 89829
Wu, Y., Litvinenko, V.N., Burnham, B., Madey, J.M.J., Park, S.H. The performance of the Duke FEL storage ring 96480
Wu, Y., McLaughlin, D.J., Boltniew, E., Barclay, J., Raghavan, R.S., Sowa, M.J., Stevens, W. A bistatic radar test bed for target and clutter depolarization studies 78978
Wu, Y., Talke, F.E. The effect of surface roughness on the head-tape interface 75214
Wu, Y. *see* Burnham, B. 79956
Wu, Y. *see* Dickey, C. 89932
Wu, Y. *see* Fusco, V.F. 93934
Wu, Y. *see* Hu, Z.R. 83297
Wu, Y. *see* Huang, N. 79972
Wu, Y. *see* Krishna Murty, A.V. 113557
Wu, Y. *see* Litvinenko, V.N. 79873
Wu, Y. *see* Litvinenko, V.N. 89685
Wu, Y. *see* Litvinenko, V.N. 96466
Wu, Y. *see* Litvinenko, V.N. 100537
Wu, Y. *see* Luijckx, G. 79917
Wu, Y. *see* O'Shea, P.G. 89770
Wu, Y. *see* O'Shea, P.G. 107380
Wu, Y. *see* Smith, G.R. 120229
Wu, Y. *see* Tam, K.W. 117475
Wu, Y.-F., Keller, B.P., Keller, S., Kapolnek, D., Denbaars, S.P., Mishra, U.K. Measured microwave power performance of AlGaN/GaN MODFET 104829
Wu, Y.-F., Keller, B.P., Keller, S., Kapolnek, D., Kozodoy, P., Denbaars, S.P., Mishra, U.K. Very high breakdown voltage and large transconductance realized on GaN heterojunction field effect transistors 106078
Wu, Y.-J. *see* Zhao, Y.-P. 84126
Wu, Y.-J.J. *see* O'Leary, D.P. 103738
Wu, Y.A., Chang-Hasnain, C.J. Quality distribution and yield theory for diode laser fabrication 107347
Wu, Y.A., Li, G.S., Yuen, W., Chang-Hasnain, C.J. High yield continuous operation of a passive antiguide region vertical-cavity surface-emitting laser 65321
Wu, Y.C. *see* Freedman, M. 80378
Wu, Y.H., Su, J.S., Hsu, W.C., Liu, W.C., Lin, W. A new $In_{0.53}Al_{0.22}Ga_{0.25}As$/InP heterojunction bipolar transistor grown by MOCVD 63600
Wu, Y.H. *see* Yao, T. 74194
Wu, Y.Y., Maas, R. Machine parameter measurement of the Amsterdam pulse stretcher AmPS 100562
Wu, Z., Chen, J., Xia, G. Specify various derivatives of output powers with respect to bias current of semiconductor lasers 85458
Wu, Z., Xia, G., Chen, J., Lu, Y. Asymmetrical longitudinal mode spectrum of Fabry-Perot semiconductor lasers 65182
Wu, Z., Xia, G., Luo, W., Chen, J. Estimating oscillation wavelength at switch-on threshold of two-segment diode lasers 116499
Wu, Z. *see* Drossos, G. 66047
Wu, Z. *see* Drossos, G. 76635
Wu, Z. *see* Drossos, G. 117046
Wu, Z. *see* Han, X. 68706
Wu, Z. *see* Lacey, D. 66046
Wu, Z.D. Combined jitter control with traffic shaping for continuous media communications 77594
Wu, Z.L., Govinda Raju, G.R. Injection of charge carriers and space charge build-up in fluoropolymer dielectrics 64133
Wu, Z.L., Thomsen, M., Kuo, P.K., Lu, Y.S., Stolz, C., Kozlowski, M. Overview of photothermal characterization of optical thin film coatings 106925
Wu, Z.L. *see* Stolz, C.J. 106921
Wu, Z.S. *see* Fu, S.W. 111371
Wu, Z.Y., Hall, S., Eccleston, W. Suppression of the parasitic bipolar transistor in deep sub-micron MOSFETs by the use of a narrow band-gap, SiGe source 84419
Wu, Z.Y., Hall, S., Keen, J.M. Electrical properties of thermally oxidized porous silicon 115397
Wu Aicheng *see* Aicheng Wu
Wu Aiping, Akagi, T., Jikei, M., Kakimoto, M., Imai, Y., Ukishima, S., Takahashi, Y. New fluorescent polyimides for electroluminescent devices based on 2,5-distyrylpyrazine 85258
Wu Aiping *see* Aiping Wu
Wu An-Yeu *see* An-Yeu Wu
Wu Baichang *see* Baichang Wu
Wu Baosheng *see* Tu Qinfen 65014
Wu Bin, Peng Xiaolan, Liu Pei, Cheng Shijie Realization of a power system single line diagram generation system 80804
Wu Bin *see* Bin Wu
Wu Bing-Fei *see* Bing-Fei Wu
Wu Bo *see* Kislinskii, Yu.V. 84909
Wu Bo *see* Bo Wu
Wu Boxi *see* Shuai Jianwei 77114
Wu Boyu *see* Jin Xiaomin 106858
Wu Cangpu *see* Li Chun 61562
Wu Chai Wah *see* Chai Wah Wu
Wu Chang-Ming *see* Chang-Ming Wu
Wu Chen *see* Chen Wu
Wu Cheng- Wen *see* Cheng- Wen Wu
Wu Cheng-Shong *see* Cheng-Shong Wu
Wu Cheng-Wen *see* Cheng-Wen Wu
Wu Cheng-Zu *see* Cheng-Zu Wu
Wu Chengdong, Xuan Guorong A new approach to color image coding using hierarchical address code books 98194
Wu Chengjiu *see* Chengjiu Wu
Wu Chengke *see* Xu Zhengwei 86325
Wu Chi *see* Chi Wu
Wu Chi-haur *see* Chi-haur Wu
Wu Chi-Jui *see* Chi-Jui Wu
Wu Chi-Yuan *see* Chi-Yuan Wu
Wu Chien-Hsing *see* Chien-Hsing Wu
Wu Chien-Jang *see* Chien-Jang Wu
Wu Chih-Hang *see* Chih-Hang Wu
Wu Chin Jen *see* Chin Jen Wu
Wu Chin-Sheng *see* Chin-Sheng Wu
Wu Chin-Shun *see* Chin-Shun Wu
Wu Ching-Fu *see* Ching-Fu Wu
Wu Ching-Yuan *see* Ching-Yuan Wu
Wu Chiung-Shien *see* Chiung-Shien Wu
Wu Chuck *see* Chuck Wu
Wu Chung-Jen *see* Chung-Jen Wu
Wu Chung-Yu *see* Chung-Yu Wu
Wu Chunwu *see* Chunwu Wu
Wu Chunxu Performance analysis of the designed error control scheme for digital signalling 117151
Wu Chwan-Hwa *see* Chwan-Hwa Wu
Wu Chyi-Nan *see* Chyi-Nan Wu
Wu Cunkai *see* Cunkai Wu
Wu Dakang *see* Dakang Wu
Wu Dakjin *see* Long Quan 85354
Wu De-Xin *see* De-Xin Wu
Wu Deming *see* Wang Ziyu 119209
Wu Deming *see* Zhang Kan 88544
Wu Deming *see* Deming Wu
Wu Der-Woei *see* Der-Woei Wu
Wu Deyong, Yang Shangjing, You Yonglu, Huang Wengzhong, Zhuang Xiuqun, Chunyu Sutai, Zhang Qiren, Hong Wei, Gu Yuqu, Liu Shuping, Chai Yuqing, He Yingling Experimental investigation of X-ray laser in Ne-like Zn 65012
Wu Deyong *see* Huang Wenzhong 96202
Wu Dezhang *see* Zhang Chunbin 65033
Wu Ding *see* Ding Wu
Wu Dingxiang Research on the influence of gas carrier for micro-etching on the solid surface 114432
Wu Dong *see* Dong Wu
Wu Dongsheng *see* Dongsheng Wu
Wu Fang, Jiang Zeming, Huang Zhaoming Chirp analysis for optical pulse transmission in single-mode fibers 116051
Wu Fei *see* Kislinskii, Yu.V. 84909
Wu Fengmei *see* Shi Yi 74109
Wu Futian, Feng Shuwen Design of separated two-lens for IR imaging system 75650
Wu Futian, Feng Shuwen, Tian Shixiang Design principles of optical system of IR fibre thermometer 100082
Wu Gang *see* Gang Wu
Wu Ge *see* Ge Wu
Wu Genfa *see* Wang Lifang 115969
Wu Guang Zhao *see* Zhang Xiurong 96219
Wu Guangheng *see* Guangheng Wu
Wu Guangnin *see* Guangnin Wu
Wu Guangning *see* Guangning Wu
Wu Guangnying *see* Guangnying Wu
Wu Guannu *see* Fan Min 64792
Wu Guannui *see* Lu Jingping 64793
Wu Guo-Liang *see* Guo-Liang Wu
Wu Guo-Zua *see* Guo-Zua Wu
Wu Guowei *see* Liu Gang 66928
Wu Guoying *see* Li Zhihong 84537
Wu Guoyu *see* Xu Jingcheng 80910
Wu Hai-Ming *see* Hai-Ming Wu
Wu Hailiang, Pei Xiandeng Analysis of the system errors for PC-based arbitrary waveform generator 100171
Wu Hao *see* Hao Wu
Wu Haomin *see* Haomin Wu
Wu Heyu *see* Li Zuyu 69773
Wu Ho-Ting *see* Ho-Ting Wu
Wu Hong *see* Feng Zhibiao 111648
Wu Hong-Ao *see* Han Fu 109846
Wu Hong-Ying *see* Hong-Ying Wu
Wu Hsiao-Chun *see* Hsiao-Chun Wu
Wu Hsien-Tsai *see* Hsien-Tsai Wu
Wu Hsin-i *see* Hsin-i Wu
Wu Hsing-Fei *see* Hsing-Fei Wu
Wu Ja-Ling *see* Ja-Ling Wu
Wu Janne-Hua *see* Janne-Hua Wu
Wu Janne-Wha *see* Janne-Wha Wu
Wu Jaw-Shyang *see* Jaw-Shyang Wu
Wu Jenn-Ming *see* Jenn-Ming Wu
Wu Ji *see* Ji Wu
Wu Ji-Tsu *see* Ji-Tsu Wu
Wu Jian Hua *see* Jian Hua Wu
Wu Jian-Guang *see* Jian-Guang Wu
Wu Jian-Lao *see* Jian-Lao Wu

Wu Jianfan, Xu Weiyong The extraction method of digital image for round charts 98060
Wu Jianhui, Yuan Dongfeng Propagation effects on handoff activity in a cellular system 116918
Wu Jianjun *see* Jianjun Wu
Wu Jianming *see* Jianming Wu
Wu Jianping *see* Bi Jun 98491
Wu Jianping *see* Bi Jun 118099
Wu Jianping *see* Hao Ruibing 98489
Wu Jianping *see* Jiang Jianping 84505
Wu Jianping *see* Jianping Wu
Wu Jianqiang, Liu Shenggang, Mo Yuanlong Cherenkov radiation produced by a solid electron beam in a plasma-filled dielectric liner 94201
Wu Jianqiang, Xiong Caidong, Mo Yuanlong, Liu Shenggang, Meng Lin Study of microwave radiation produced by the interaction of a relativistic electron beam with a plasma column 97153
Wu Jianqiang *see* Zhang Qixin 80688
Wu Jianqiang *see* Jianqiang Wu
Wu Jiansheng *see* Mao Dali 104889
Wu Jieh-Tsorng *see* Jieh-Tsorng Wu
Wu Jih-Jen *see* Jih-Jen Wu
Wu Jiin-Chuan *see* Jiin-Chuan Wu
Wu Jijun *see* Jijun Wu
Wu Jin *see* Jin Wu
Wu Jing Ho *see* Cheh-Ming Liu 93876
Wu Jingshown *see* Jingshown Wu
Wu Jinlei *see* Liu Yanwen 73921
Wu Jinqi *see* Wang Guicheng 69862
Wu Jinxian *see* Zhu Hong 62568
Wu Jishun, Hou Zhijian, Hu Rujun, Liu Hang The load flow solution method for network islanding caused by line outage 91042
Wu Jiunn-Pey *see* Jiunn-Pey Wu
Wu Jizong *see* Dai Xiaofang 65565
Wu Jui-Yu *see* Jui-Yu Wu
Wu Jun *see* Wu Zhaolin 73095
Wu Junfeng *see* Junfeng Wu
Wu Jung-Shyr *see* Jung-Shyr Wu
Wu Jyh-Horng *see* Jyh-Horng Wu
Wu Kai *see* Kai Wu
Wu Ke *see* Ke Wu
Wu Ke-Li *see* Ke-Li Wu
Wu Kim Sang *see* Sang Wu Kim
Wu Kou-Tan *see* Kou-Tan Wu
Wu Kuang-Chao *see* Kuang-Chao Wu
Wu Kuen-Hsien *see* Kuen-Hsien Wu
Wu Kun-Lung *see* Kun-Lung Wu
Wu Li Differentiable piecewise quadratic exact penalty functions for quadratic programs with simple bound constraints 92543
Wu Li, Dahn, J.R., Wainwright, D.S. Rechargeable lithium-ion batteries with aqueous electrolyte 81702
Wu Li-de *see* Li-de Wu
Wu Li-Ran *see* Li-Ran Wu
Wu Lian Ying *see* Ying Wu Lian
Wu Lide *see* Lide Wu
Wu Lifa, Xie Xiren The reliability design of NCC in VSAT 119120
Wu Lijing *see* Lijing Wu
Wu Liqing *see* Liqing Wu
Wu Liu Jianqiang *see* Liu Jianqiang Wu
Wu Liu Ming *see* Liu Ming Wu
Wu Lixue *see* Lixue Wu
Wu Liying, Zhang Jian, Li Shuyin, Yuan Huijuan, Fan Jianying A range finder based on laser space encoding 79560
Wu Liying *see* Liu Bo 67343
Wu Liying *see* Zhang Jian 79257
Wu Lu, Jin-Hee Lee, Hyung-Sup Yoon, Chul-Soon Park, Kwang-Eui Pyun, Hae-Gwon Lee, Kyung-Soo Suh, Jogai, B. Room temperature photoluminescence studies of δ-doped pseudomorphic high electron mobility transistor AlGaAs/InGaAs/GaAs structures 95065
Wu Lu *see* Lu Wu
Wu Luchen *see* Zheng Tianxue 121363
Wu Meng-Chyi *see* Meng-Chyi Wu
Wu Ming Hsien *see* Ming Hsien Wu
Wu Minghua The automatic thread spool length gauge based on single chip computer 100309
Wu Minhui, Chen Binghua On-line identification of lower frequency oscillation in power system 71009
Wu Minxian *see* Wang Wenlu 98174
Wu Minxian *see* Minxian Wu
Wu Nan-Jian *see* Nan-Jian Wu
Wu Nianzu *see* Nianzu Wu
Wu Pei-Jun *see* Kislinskii, Yu.V. 84909
Wu Peiheng *see* Peiheng Wu
Wu Ping *see* Ping Wu
Wu Po-Cheng *see* Po-Cheng Wu
Wu Qi Hong *see* Qi Hong Wu
Wu Qiang, Wu Weilin A feasible policy to extend CDMA capacity 119084
Wu Qiang *see* Qiang Wu
Wu Qing, Shen Xueqin, Yan Weili The application of wavelet neural networks in optimizing electromagnetic devices 71583
Wu Qing, Shen Xueqin, Yang QingXin, Yan Weili Application of wavelet neural networks in optimizing electromagnetic devices 107801
Wu Qing *see* Qing Wu
Wu Qinghong *see* Qinghong Wu
Wu Quande *see* Liu Yanwen 73921
Wu Renbiao *see* Renbiao Wu
Wu Rong-Han *see* Rong-Han Wu
Wu Ronghan *see* Pan Zhong 65273
Wu Ruey-Beei *see* Ruey-Beei Wu
Wu Runyuan *see* Wei Yan 79439
Wu Ruqian *see* Ruqian Wu
Wu Shangguang, Shi Meilin Support environment for CSCW research–design and implementation of a desktop computer conferencing system 118628
Wu Shao-Ling *see* Shao-Ling Wu
Wu Shengli *see* Ling Wei 76350
Wu Shin-Tson *see* Shin-Tson Wu
Wu Shiquan *see* Shiquan Wu
Wu Shouyuan, Zhou Xiaoxin, Zhao He, Zhang Wentao New technology in power system–development and study of flexible AC transmission systems 91101
Wu Shunjun, Li Yingjun Adaptive channel equalization for space-time adaptive processing 88662
Wu Siang Bing *see* Siang Bing Wu
Wu Song-Zhen *see* Song-Zhen Wu
Wu Songzhen *see* Songzhen Wu
Wu Soon-Yi *see* Soon-Yi Wu
Wu Suntao *see* Suntao Wu
Wu Ta-Chung *see* Ta-Chung Wu
Wu Tai-Bar *see* Tai-Bar Wu
Wu Taibor *see* Yang Tianjuh 62756
Wu Tao *see* Tao Wu
Wu Te-Kao *see* Te-Kao Wu
Wu Tsong-Ho *see* Tsong-Ho Wu
Wu Tsung-Yi *see* Tsung-Yi Wu
Wu Tzong-Chen *see* Tzong-Chen Wu
Wu Tzong-Sun *see* Tzong-Sun Wu
Wu Wei, Huang Xinfan, Li Zhifeng, Chen Kunji, Chen Xiaoyuan, Liu Zhiguo A new way of fabricating luminescent silicon crystallites by excimer laser annealing of a-Si:H 105535
Wu Wei *see* Wei Wu
Wu Wei-Jun *see* Wei-Jun Wu
Wu Weihan *see* He Jinliang 70984
Wu Weihan *see* Weihan Wu
Wu Weilin *see* Wu Qiang 119084
Wu Weishu *see* Weishu Wu
Wu Wen Ching *see* Wen Ching Wu
Wu Wen-Chi *see* Wen-Chi Wu
Wu Wen-Fa *see* Wen-Fa Wu
Wu Wen-Rong *see* Wen-Rong Wu
Wu Wengang, Zeng Zheng, Luo Jinsheng Effects of strain induced splitting of energy bands on the bandgap narrowing due to heavy doping in strained $Si_{1-x}Ge_x$ layers 62776
Wu Wengang *see* Zeng Zheng 115164
Wu Wengang *see* Wengang Wu
Wu Wenhai *see* Sang Wenbin 105169
Wu Wuchen *see* Wuchen Wu
Wu Xiang *see* Xiang Wu
Wu Xiangdong *see* Xiangdong Wu
Wu Xiangying *see* Xiangying Wu
Wu Xiao-Bo, Zhong Xiao-Xin, Liu Hou-Quan, Zhang Qi-Ming Improving resolution of CCD camera in dimensional measurement by polynomial interpolation 79533
Wu Xiao-Feng Research of an automatic surface profile measuring system using a new laser autofocusing method 79242
Wu Xiaochen *see* Miao Shihong 111694
Wu Xiaoguang *see* Zhu Shengyun 110632
Wu Xiaolin *see* Xiaolin Wu
Wu Xiaomiao, Han Zhenxiang Coordination of fuzzy logic stabilizers in multimachine power system 70738
Wu Xiaomiao, Han Zhenxiang Advanced fuzzy logic power system stabilizer 80869
Wu Xiaomiao, Han Zhenxiang Coordination of adaptive fuzzy logic stabilizers in multimachine power system 91016
Wu Xiaoping *see* Ju Xiangyang 119950
Wu Xiaoping *see* Li Xide 67193
Wu Xiaoping *see* Wang Yaorong 87762
Wu Xiaoping *see* Xiaoping Wu
Wu Xin *see* Xin Wu
Wu Xingjun *see* Xingjun Wu
Wu Xingyao, Yang Lieliang, Lee Chengshu Combinatory equicorrelation signaling transmission based on the remainder theorem: system and performance 117918
Wu Xinyan *see* Xinyan Wu
Wu Xinzhen Study on direct method used for optimization design of single-phase motors 121420
Wu Xiumin *see* Zhang Wei 69380
Wu Xuehua *see* Xuehua Wu
Wu Xuhong *see* Zheng Yisong 114710
Wu Xunwei, Hang Guoqiang Design technique of I^2L circuits based on multi-valued logic 73208
Wu Ya-Dong *see* Ya-Dong Wu
Wu Yan-Kuen *see* Yan-Kuen Wu
Wu Yan-Pei *see* Yan-Pei Wu
Wu Yang *see* Yang Wu
Wu Yanwei, Sun Shenghe A new method for the analysis of frequency modulated and amplitude modulated signals 66184
Wu Yi *see* Wang Yingjian 116923
Wu Yi *see* Yi Wu
Wu Yi-Hong *see* Yi-Hong Wu
Wu Ying, Qian Feng, Chen Xinyu, Zheng Ruiying, Shao Kai, Xiao Xiuhong, Lin Jinting, Liang Jiben, Huang Yi, Li Aizhen A new structure using single base electrode for millimeter-wave HBTs 73707
Wu Ying *see* Ying Wu
Wu Yingnian *see* Yingnian Wu
Wu Yiqian *see* Yiqian Wu
Wu Yongjun *see* Yongjun Wu
Wu Yongshi *see* Li Ming 62348
Wu Yongxiang *see* Yang Shizhong 104741
Wu Youliang, Zhao Hong Design and implementation of a voice mail system VocMail 98610
Wu Youwei *see* Lin Zhian 73715
Wu Yu Huei *see* Yu Huei Wu
Wu Yu-Liang *see* Yu-Liang Wu
Wu Yubin *see* Cao Danhua 106764
Wu Yue, Wang Hua, Tang Kun The application of a DSP multiprocessor subsystem in voice box system 118305
Wu Yue-Huei *see* Yue-Huei Wu
Wu Yuefei *see* Yuefei Wu
Wu Yuexin *see* Liu Jie 117145
Wu Yupu *see* Yang Zhenhua 116575
Wu Zhaolin, Shen Xu, Wu Jun The stability problem for simulation of power electronic circuits containing switch devices at switching points 73095
Wu Zhen *see* Xiang Jiying 119729
Wu Zhen *see* Zhen Wu
Wu Zhendong *see* Rong Gang 120206
Wu Zheng, Zhou Feng, Yao Qindong Adaptive DCT coding of images at a constant bit rate 117813
Wu Zhengmao *see* Chen Jianguo 75925
Wu Zhensen *see* Xu Liang 117084
Wu Zhirong *see* Zhirong Wu
Wu Zhonghua *see* Zhonghua Wu
Wu Zhongkang *see* Zhongkang Wu
Wu Zhongquan *see* Zhongquan Wu
Wu Zhongxi, Zhou Zexin, Zhang Qipei, Bao Zhongming The development and application of user program interface based on power system analysis software package (PSASP/UPI) 80769
Wu-Chi Feng, Jahanian, F., Sechrest, S. Providing VCR functionality in a constant quality video-on-demand transportation service 99784
Wu-Han Lee Experience on data conversion of Taipower's AM/FM pilot systems 80762
Wu-Han Lee *see* Lee Wu-Han
Wu-Jhy Chiu Network digitalization. Some strategies of DGT in the transmission network evolution 109267
Wu-Jhy Chiu, Mu-Piao Shih, Fu-Fuh Chen Personal Access Communications System in Taiwan 119080
Wu-Jhy Chiu *see* Ji-Tsu Wu 118248
Wu-Jing Ho *see* Pin-Fan Chen 114260
Wu-Liang Yin *see* Yin Wu-Liang
Wu-Sheng Lu *see* Hua Xu 62041
Wu-Sheng Lu *see* Hua Xu 77033
Wu-Shiung Feng *see* Chang, M. 113837
Wu-Shiung Feng *see* Mu-Shen Lin 103151
Wu-Shiung Feng *see* Wen-Jung Ho 102878
Wu-Ton Chen *see* Chii-Horng Chen 66830
Wu-Yan Lai *see* Jifan Hu 75147
Wu-Yang Tsai *see* Yueh, S.H. 111293
Wu-Yuan Cui *see* Chang-Chun Zhu 74009
Wubs, F.W. *see* Van der Ploeg, A. 60997
Wuchen Wu, Guo Gao, Limin Dong, Zhengyuan Wang, Held, M., Jacob, P., Scacco, P. Thermal reliability of power insulated gate bipolar transistor (IGBT) modules 106026
Wuchner, E. *see* Sihler, C. 106717
Wuchner, F. *see* Darweschsad, M. 95517
Wuchner, F. *see* Heller, R. 91186
Wuchner, F. *see* Sihler, C. 95587
Wudl, F. *see* Smilowitz, L. 96612
Wuensch, W. *see* Bekefi, G. 110477
Wuensch, W. *see* Bossart, R. 89668
Wuensch, W. *see* Braun, H. 89667
Wuensch, W. *see* Higo, T. 79852
Wuensch, W. *see* Volfbeyn, P. 85542
Wuensch, W. *see* Wang, J.W. 89650
Wuensche, H.J. *see* Puls, J. 74377
Wuerfl, J. *see* Strusny, H. 94709
Wuerthwein, F. *see* Bergfeld, T. 100977
Wuestner, P. *see* Brauksiepe, S. 100815
Wuhong Li *see* Samson, S. 116107
Wuijtswinkel, R.C.Van *see* Van Wuijtswinkel, R.C.
Wuillemin, D. *see* Durisch, W. 91392
Wulder, M.A. *see* Franklin, S.E. 80683
Wulff, C.R. *see* Ching-Cheng Shih 66452
Wulff, K. *see* Wallrabe, U. 80427
Wulfmeyer, V., Bosenberg, J. Single-mode operation of an injection-seeded alexandrite ring laser for application in water-vapor and temperature differential absorption lidar 101554
Wulich, D. Peak factor in orthogonal multicarrier modulation with variable levels 117127
Wulker, C., Theobald, W., Schafer, F.P., Chickov, B.N. Noncollinear phase-matched difference-frequency mixing for high-order harmonic generation in plasmas 116638
Wulleman, J. Low-powered high-gain transresistance BiCMOS pulse amplifier 61658
Wulleman, J. $1/|f|^{\alpha}$ noise suppression in front-end readout pulse amplifiers 73104
Wulleman, J. Super-low gain bandwidth and small area amplifier 93135
Wulleman, J. Appropriate $(CR)^m$-$(RC)^n$ shaping for fast bipolar front-end read-out 114077
Wulleman, J. Detector-noise suppression by appropriate CR-$(RC)^n$ shaping 120228
Wullschleger, V. *see* Cohen, C.E. 70392
Wullschleger, V. *see* Till, R.D. 79025
Wun, K.L.B.W., Margaritis, G. The evaluation of fast-flow, fast-cure underfills for flip chip on organic substrates 112939

Wun Tao Song *see* Song Wun Tao
Wun-Chang Lin *see* Kuang-Chan Liu 104711
Wun-Fogle, M. *see* Cullen, J.R. 75123
Wun-Fogle, M. *see* Restorff, J.B. 115567
Wun-Shain Fann *see* Pei-Kuen Wei 100079
Wunder, B., Lehmann, G., Muller-Glaser, K.D. VAMP: a VHDL based concept for accurate modeling and post layout timing simulation of electronic systems 82843
Wunder, B., Lehmann, G., Muller-Glaser, K.D. A new concept for accurate modeling of VLSI interconnections and its application for timing simulation 113669
Wunderlich, H.-J. *see* Reeb, B. 73215
Wunderlich, J. *see* Franke, E. 99055
Wunderlich, R. *see* Ban, J. 69810
Wundke, K., Neukirch, U., Gutowski, J., Hommel, D., Ferreira, S., Sitter, H. Coherent effects in nonlinear absorption of thin ZnSe layers and Zn$_{1-x}$Cd$_x$Se/ZnSe quantum wells under resonant excitation 74242
Wunnava, S. *see* Fernandez, I.B. 109160
Wunnava, S.V., Rosario, M., Gandham, K. Advances in virtual design and visual center concepts 98898
Wunnava, S.V. *see* Dabdoub, M.-R. 103329
Wunnava, S.V. *see* Penagos, J.D. 108453
Wunsch, M. *see* Braunschweig, W. 120173
Wunsche, H.-J. *see* Henneberger, F. 94523
Wunsche, M., Meyer, H., Schumacher, R. Morphology and stability of electrochemically generated copper layers: the effect of electron transfer and nucleation kinetics 61318
Wunsche, U. *see* Schopflin, A. 119208
Wunstel, K. *see* Baums, D. 109312
Wunstel, K. *see* Idler, W. 96706
Wunstel, K. *see* Joergensen, C. 99458
Wunstel, K. *see* Jourdan, A. 88603
Wunstel, K. *see* Masetti, F. 78317
Wunstel, K. *see* Schilling, M. 78777
Wunstel, K. *see* Schilling, M. 99599
Wunstorf, R., Bugg, W.M., Walter, J., Garber, F.W., Larson, D. Investigations of donor and acceptor removal and long term annealing in silicon with different boron/phosphorus ratios 105096
Wunstorf, R., Feick, H., Fretwurst, E., Lindstroem, G., Lutz, G., Osius, C., Richter, R.H., Rohe, T., Rolf, A., Schlichthaerle, P. Damage-induced surface effects in silicon detectors 110550
Wunstorf, R. *see* Goessling, C. 110549
Wuntke, W. Addition of a mini hydro station at the Markersbach pumped-storage plant 121392
Wuorinen, J.H. *(editor)* 1996 IEEE International Solid-State Circuits Conference. Digest of Technical Papers, ISSCC. First Edition (Cat. No.96CH35889) 71984
Wurden, G.A. *see* Reass, W.A. 112172
Wurfl, J., Janke, B., Merkel, U., Nebauer, E. GaAs-based high temperature electronics 104885
Wurfl, J. *see* Beister, G. 65175
Wurfl, J. *see* Beister, G. 96380
Wurm, J.P. *see* Faschingbauer, U. 110557
Wurm, J.P. *see* Holl, P. 110558
Wurtele, J. *see* Kwok, P. 89918
Wurtele, J.S. *see* Chen, S.C. 90077
Wurtele, J.S. *see* Lin, L.C.-L. 83688
Wurtele, J.S. *see* Lin, L.C.-L. 83689
Wurtele, J.S. *see* Shvets, G. 79841
Wurth, B. *see* Legl, C. 73237
Wurth, B. *see* Legl, C. 82882
Wurth, B. *see* Rohfleisch, B. 83027
Wurth, B. *see* Schneider, P.H. 113869
Wurth, J.P. *see* Sasaki, K. 81814
Wurtz, F., Bigeon, J., Poirson, C. A methodology and a tool for the computer aided design with constraints of electrical devices 64479
Wurtz, F., Richomme, M., Bigeon, J. A few results for using genetic algorithms in the design of electrical machines 102716
Wurtz, L.T. Design and fabrication of a CMOS signal conversion integrated circuit for remote control hobbyists 63936
Wurtz, L.T. Design of a variable S-band fiber-optic delay line 99600
Wurz, A. *see* Glass, J. 100978
Wurz, D. *see* Zafeiriou, E. 111765
Wurz, H. *see* Engelko, V. 69671
Wurz, P., Gubler, L. Fast microchannel plate detector for particles 69667
Wurzer, M. *see* Gottwald, E. 119203
Wurzinger, P., Pongratz, P., Gerber, J., Ehrhardt, H. Bias-enhanced diamond nucleation on silicon–a TEM study 72924
Wurzinger, P. *see* Gerber, J. 61353
Wustenberg, J. Determination of the heat transfer through the gas space of a 110 kV gas pressure cable 121158
Wutchrich, Ch. *see* Kholkin, A.L. 64089
Wuthrich, M. Optical network access technique: FITL/PON 78256
Wuthrick, J.P. *see* Abbes, M. 90145
Wuthukrishnan, S., Stefani, J.A. SCFab model-based process control methodology: development and deployment for manufacturing excellence 103409
Wuttig, M. *see* James, R.D. 92976
Wuttisittikulkij, L., O'Mahony, M.J. Multiwavelength self-healing ring transparent networks 78749
Wutu Wang *see* Yihong Qi 97118
Wuu, D.S., Lee, M.L., Lin, T.Y., Horng, R.H. Characterization of hafnium diboride thin film resistors by r.f. magnetron sputtering 104892
Wuu Sze-Ying *see* Sze-Ying Wuu
Wuu-Wen Lin *see* Shih-Chu Huang 79512
Wuu-Wen Lin *see* Shih-Chu Huang 119708
Wuxing Lu *see* Chengzhou Ji 94675
Wuxu Peng, Makki, K. Petri nets and self-stabilization of communication protocols 67590
Wuyts, P. On level-topologies and maximality of fuzzy topological spaces 60855
Wuyuan Lin, Wahshi Su, Zhipu You A study on the estimation of γ total-dose radiation hardness of operational amplifiers 82975
Wuyun Quan *see* Quan Wuyun
Wuzhu, C. *see* Xudong, Z. 107654
Wv Janne-Wha *see* Janne-Wha Wv
Wyatt, J., Rizzo, J. Ocular implants for the blind 70226
Wyatt, K. *see* Hu, K.X. 114489
Wyatt, K.W. *see* Hu, K.X. 83595
Wyatt, R. *see* Davey, R.P. 78709
Wyatt, R. *see* Percival, R.M. 78947
Wyatt, R. *see* Percival, R.M. 109649
Wyatt, R.W.W. *see* Danson, C.N. 85429
Wyatt-Millington, W., Shepherd, S , Barton, S. A pipelined implementation of the Winograd FFT for satellite on-board multi-carrier demodulation 77013
Wybo, J.L., Darque-Ceretti, E. Associating decision support and training: METAN: a learning system for material observation and analysis 112788
Wyborn, B.E. *see* Divall, E.J. 65036
Wybourne, M.N. *see* Deng, C. 72809
Wybourne, M.N. *see* Deng, C. 83955
Wybourne, M.N. *see* Deng, C. 92701
Wybourne, M.N. *see* Deng, C. 113300
Wybourne, M.N. *see* Smith, J.C. 105292
Wycherley, A.J. *see* Clark, A.J. 73875
Wyczisk, F. *see* Arnodo, C. 105472
Wyk, J.D.van *see* van Wyk, J.D.
Wyk, L.van *see* van Wyk, L.
Wyk, R.J.van *see* van Wyk, R.J.
Wyland, C. Measuring the effects of energy flow on IC package thermal performance 112925
Wyland, D. New features in synchronous FIFOs 61886
Wyland, D. New features in synchronous FIFOs 73365
Wyland, D.C. *see* Amitai, Z. 61742
Wyland, D.C. *see* Amitai, Z. 61882
Wyland, D.C. *see* Amitai, Z. 73280
Wylezinska, M. *see* Cady, E.B. 80283
Wylie, J.A. *see* Pantjiaros, C.A. 97102
Wyllie, K. *see* Beck, G.A. 69775
Wyndrum, R.W., Jr. *see* Cronin, P.M. 67760
Wynn, H.P. *see* Bates, R.A. 61546
Wynn, J.D. *see* Dutta, N.K. 78871
Wynn, J.D. *see* Han, H. 96383
Wynn, J.D. *see* Vakhshoori, D. 65340
Wynne, C.J. *see* Turner, J.R. 70196
Wynne, K. *see* Lindsay, G. 85595
Wynne, K. *see* Talukder, M. 85588
Wynne, S. *see* Mullins, J. 91023
Wyon, C. *see* Simondi-Teisseire, B. 116453
Wypasek, C.J. *see* Kiessler, P.C. 98441
Wypych, J. The Centrex service provided by the Alcatel 1000 S12 exchanges 99012
Wyrsch, N., Beck, N., Hof, C., Goerlitzer, M., Shah. A. Correlation between transport properties of a-Si:H layers and cell performances incorporating these layers 94388
Wyrsch, N. *see* Beck, N. 91748
Wyrsch, N. *see* Goerlitzer, M. 116206
Wyrsch, N. *see* Shah, A. 94411
Wyrwas, R. *see* Honghui Qi 67553
Wyrwich, C. *see* Nyilas, A. 103426
Wyrwinski, J. *see* Ongareau, E. 66091
Wyslocki, J.J. Coercivity mechanism in the anisotropic Fe-Al-C permanent magnet 95382
Wysocka, B. *see* Svarc, R. 103636
Wysocki, P. *see* Namkyoo Park 96150
Wysocki, P. *see* Park, N. 68374
Wysocki, P. *see* Park, N. 88564
Wysocki, P.F., Nykolak, G., Shenk, D.S. Noise figure limitation in ytterbium-codoped erbium-doped fiber amplifiers pumped at 1064 nm 65111
Wysocki, P.F. *see* Hansen, P.B. 88615
Wysocki, P.F. *see* Muys, W. 78816
Wysocki, T. *see* Razavi, S.H. 78435
Wyss, C. *see* Myers, S. 69600
Wyss, C. *see* Tuckmantel, J. 100498
Wyss, J.C. *see* Rose, A.H. 79484
Wyszynski, A. High-frequency linear tunable single-ended voltage to differential current converter 93632
Wyszynski, A. *see* Siniscalchi, P. 109892
Wytrebowicz, J. *see* Fischer, S. 108868

Xaio, X. *see* Ali, M. 75042
Xaiomin Bai, Shahidehpour, S.M. Hydro-thermal, scheduling by tabu search and decomposition method 70797
Xalaris, P.G. *see* Karagiannopoulos, C.G. 95293
Xanasugi, A., Morisue, M., Noguchi, H., Yamadaya, M., Furukawa, H. Oscillation modes in a Josephson circuit and its application to digital systems 115917
Xans, P. *see* Daridon, J.L. 101499
Xanthoulis, E. *see* Ioannidis, G. 71512
Xavier, B.A. *see* Sullivan, P.J. 73106
Xavier, C. *see* Nick, M. 68707
Xavier, F.P. *see* Anee, T.K. 83857
Xavier, F.P. *see* Ravichandran, D. 85255
Xavier Lee *see* Othonos, A. 75835
Xe Guangyu *see* Chen Xueqing 111484
Xei Heng-Kun *see* Heng-Kun Xei
Xemard, A., Baraton, P., Boutet, F. Modelling with EMTP of overhead lines illuminated by an external electromagnetic field 111645
Xhu, Z.R., Harding, R.A., Campbell, J., Lavers, J.D. Electromagnetic field and Lorentz force calculations in an induction furnace 103163
Xhu Dajun, Liu Shenggang, Shi Jinshui, He Yi, Dai Guangsen, Deng Jianjun Simulation of the initial discharge courses of a pseudo spark switch 62541
Xi, J.G., Dai, W.W.-M. Early system noise analysis in mixed-signal silicon-on-silicon MCM systems 62533
Xi, J.G., Dai, W.W.-M. Useful-skew clock routing with gate sizing for low power design 82860
Xi Boling *see* Boling Xi
Xi Chu *see* Xiang-Yun Song 112302
Xi Haojun *see* Haojun Xi
Xi Hongfei *see* Wang Jinchuan 69823
Xi Jiangtao *see* Jiangtao Xi
Xi Li *see* Hross, R. 67145
Xi Lifeng *see* Li Rui 103387
Xi Shuzhen *see* Tan Huiming 96606
Xi Xuemei, Wang Yangyuan A fully depleted short-channel SOI LDD/LDS MOSFET model for VLSI circuits analysis 105966
Xi Xuemei *see* Xuemei Xi
Xi Yao *see* Qing Kang 69181
Xi Yao *see* Qingchun Zhao 85694
Xi Yao *see* Yao Xi
Xi Yugeng *see* Chen Jianqin 103612
Xi Yugeng *see* Yugeng Xi
Xi Zhang, Iwakura, H. Design of linear phase IIR digital filters based on eigenvalue problem 62023
Xi Zhang, Iwakura, H. Design of IIR digital filters based on eigenvalue problem 76965
Xi Zhang, Iwakura, H. Design of FIR Nyquist filters using Remez exchange algorithm 117448
Xi-De Xie *see* San-Huang Ke 105347
Xi-ding Liu *see* Yong Gao 64807
Xi-Jun Fan *see* Fan Xi-Jun
Xi-Mao Bao *see* Song Tong 95956
Xi-Ren Cao Uniformization and performance sensitivity estimation in closed queueing networks 72425
Xi-Ren Cao, Dye-Jyun Ma Performance sensitivity formulae, algorithms and estimates for closed queueing networks with exponential servers 108818
Xi-Ren Cao *see* Je Zhu 117437
Xia, F. *see* Hung, J.Y. 71516
Xia, G. *see* Wu, Z. 65182
Xia, G. *see* Wu, Z. 85458
Xia, G. *see* Wu, Z. 116499
Xia, H., Lennard, W.N., Huang, L.J., Lau, W.M., Baribeau, J.-M., Landheer, D. Sulphur diffusion at the Si/GaAs(110) interface 114705
Xia, H.H., Herrera, A.B., Kim, S., Rico, F.S. A CDMA-distributed antenna system for in-building personal communications services 68080
Xia, H.H., Siu, F. System design aspects of CDMA personal communications services 118979
Xia, J. *see* Gaylor, R. 101509
Xia, J.B. *see* Fan, W.J. 83920
Xia, L. *see* Gondal, I. 109325
Xia, W. *see* Chan, C.C. 71755
Xia, W. *see* Luo, D. 101248
Xia, X. *see* Oyama, J. 121670
Xia, X.-G. Applications of multirate filterbanks in error correction codes: Partial response channels 97670
Xia, X.-G., Suter, B.W., Huang, Y. On vector-valued Malvar wavelets 117388
Xia, Y., Zhao, X.-M., Whitesides, G.M. Pattern transfer: self-assembled monolayers as ultrathin resists 115295
Xia Feng *see* Feng Xia
Xia Guangqiong *see* Chen Jianguo 75925
Xia Guanqun *see* Guan Anmin 63261
Xia Hua *see* Davidson, J.L. 77441
Xia Jian-Bai *see* Jian-Bai Xia
Xia Jianbai *see* Sheng Weidong 114771
Xia Jiangang *see* Jiangang Xia
Xia Jiawen *see* Rao Yinong 69605
Xia Jiawen *see* Rao Yinong 69665
Xia Jiawen *see* Rao Yinong 120071
Xia Liansheng, Wang Pingshan, Chen Yutao, Huang Hua The experiment result of relativistic klystron at X-band with an annular intense beam 62578
Xia Qin, Pan Jianping, Gu Guanqun Design and implementation of network adapter for manufacture automation protocol 67594
Xia Qing *see* Kang Chongqing 111547
Xia Quanshi *see* Sui Jiaxian 60706
Xia Shu, Zeng Lieguang A new method toward SDH/ADM tributary system integration 118712
Xia Shunbao *see* Zhang Haining 76099

Xia Tao *see* Zhong Xiang-Qun 97939
Xia Tao *see* Tao Xia
Xia Wan, Kuo, C.-C.J. Color distribution analysis and quantization for image retrieval 66919
Xia Wang *see* Wang Xia
Xia Wei *see* Wei Xia
Xia Wen *see* Rovetta, A. 80416
Xia Wen *see* Rovetta, A. 90549
Xia Xiang-Gen *see* Xiang-Gen Xia
Xia Xiaorong *see* Xiaorong Xia
Xia Yang *see* Yang Xia
Xia Ye *see* Ye Xia
Xia Yongyao *see* Yongyao Xia
Xia Yu *see* Yu Xia
Xia Yuren *see* Jin Shufu 113720
Xia Zhang *see* Mastrangelo, C.H. 79297
Xia Zong-Guo *see* Zong-Guo Xia
Xia Zongju *see* Zongju Xia
Xia Zule *see* Zule Xia
Xiabu Yuan, Siwei Lu Resolving view sensitivity with surface locality 98315
Xiagmin Wang *see* Kangsheng Chen 62618
Xiahua Yang, Peng Seng Toh Design and implementation of an automated inspection system for surface mount PCB assembly 83605
Xiaming Wang *see* Yuning Sun 82836
Xiaming Zhou *see* Matoba, S. 111558
Xian Ji, Jian Mao, Ali Zhu, Shixin Cheng Sliding-exponential window RLS algorithm and its square-root method's DFE for the TDMA digital mobile radio 88327
Xian Ji *see* Ji Xian
Xian Ming *see* Ming Xian
Xian Ouyang *see* Ouyang Xian
Xi'an Su *see* Su Xi'an
Xian Wang, Xinggang Lin Hatch extraction from mechanical engineering drawings based on directional distance propagation 87126
Xian Zhen Chen, En Qiu Hu, Ge, W.J., Tang, S.D., Wu, P.H. The research of new electromagnetic screen system of the 300-kW superconducting homopolar DC machine 91543
Xian Zhou Zhao *see* Zhao Xian Zhou
Xian-Da Zhang, Yu Song, Yan-Da Li Adaptive identification of nonminimum phase ARMA models using higher order cumulants alone 66828
Xian-Deng Pei *see* Jian-Dong Yang 116003
Xian-He Sun, Moitra, S. Performance measurement and comparison of a set of parallel periodic and non-periodic tridiagonal solvers 72636
Xian-Yu Su *see* Jin-Feng Lin 89498
Xianan Cao *see* Xun Wang 84198
Xianbi Xiang *see* Xiang Xianbi
Xianbo Liao *see* Shuran Sheng 114654
Xianbo Liao *see* Yan Wang 85277
Xiancan Deng *see* Deng Xiancan
Xianchi Zhang *see* Zhang Xianchi
Xianci Xiao *see* Xiao Xianci
Xianda Dai *see* Ngo, N.Q. 119181
Xianda Zhang *see* Binning Chen 97822
Xiandeng Pei *see* Pei Xiandeng
Xiandi Zeng, Wicks, A.L., Mitchell, L.D. Geometrical method for the determination of the position and orientation of a scanning laser Doppler vibrometer 79688
Xiandong Han *see* Han Xiandong
Xiane Chen *see* Chen Xiane
Xiang, A., Wohlmuth, W., Fay, P., Sung-Mo Kang, Adesida, I. Modeling of InGaAs MSM photodetector for circuit-level simulation 69182
Xiang, D., Hsu, N.N., Blessing, G.V. The design, construction and application of a large aperture lens-less line-focus PVDF transducer 111366
Xiang, D. *see* Hsu, N.N. 111372
Xiang, J., Herbots, N., Jacobsson, A.H., Ye, P., Hearne, S., Whaley, S. Comparative study on dry oxidation of heteroepitaxial $Si_{1-x}Ge_x$ and $Si_{1-x-y}Ge_xC_y$ on Si(100)+ 94788
Xiang, N.D. *see* Yan, Z. 70732
Xiang, W. *see* Zhao, J. 74247
Xiang, X.-D. *see* Wei, T. 79674
Xiang, X.B. *see* Li, B. 81901
Xiang, Z.-J. *see* Schlegel, C.B. 88210
Xiang Bing, Chen Ke, Chi Huisheng Exploration of perceptually-based features for speaker recognition: an empirical study 108200
Xiang Cai *see* Cai Xiang
Xiang Cailan *see* Cailan Xiang
Xiang Cui *see* Cui Xiang
Xiang Dong *see* Dong Xiang
Xiang Feng *see* Feng Xiang
Xiang Gui, Dew, S.K., Brett, M.J. TLM treatment of a general diffusion flux boundary condition 113224
Xiang Gui, Dew, S.K., Brett, M.J. Numerical solution of the electromigration boundary value problem under pulsed dc conditions 114995
Xiang Haige *see* Cao Yewen 118801
Xiang Haige *see* Haige Xiang
Xiang Jiying, Wu Zhen, Zhang Ping, Xiang Ronghai Geometric distortion of laser scanning imaging system and its closed-loop compensation 119729
Xiang Jun *see* Jun Xiang
Xiang Kaihua *see* Chen Lingyan 120193
Xiang Lan Hong *see* Hong Xiang Lan
Xiang Li, Flikkema, P.G. Simulation of multipath arrival times for wireless indoor networks 109332
Xiang Liren Speed up earlier UHV transmission research in China 80982
Xiang Liren The present situation of compact line development and its application prospect in China [power transmission} 81104
Xiang Liu, Najim, M. A two-dimensional fast lattice recursive least squares algorithm 117322
Xiang Lu, Cheung, N.W. Synthesis of SiGe and SiGeC alloys formed by Ge and C implantation 105577
Xiang Niande *see* Kang Chongqing 111547
Xiang Niande *see* Sun Hongbin 80944
Xiang Niande *see* Sun Hongbin 112150
Xiang Qi *see* Li Shaozhong 103924
Xiang Qi *see* Qi Xiang
Xiang Qiangshen *see* Qiangshen Xiang
Xiang Qiangsheng *see* Zhang Kan 88544
Xiang Qing, Huang Dexiu A wedge type optical isolator using a YVO_4 crystal 78657
Xiang Qing *see* Qing Xiang
Xiang Ronghai *see* Xiang Jiying 119729
Xiang Wancheng *see* Li Jiang 110363
Xiang Wu, Brown, J.K., Kalki, K., Hasegawa, B.H. Characterization and correction of pulse pile-up in simultaneous emission-transmission computed tomography 80209
Xiang Xianbi *see* Li Biao 112389
Xiang Yang *see* Cha Kai-Da Wang 79448
Xiang Yang Qi *see* Yang Qi Xiang
Xiang Yingxu *see* Ye Cheng 85681
Xiang Zeng-Jun *see* Zeng-Jun Xiang
Xiang Zengjun *see* Zengjun Xiang
Xiang Zhigang *see* Zhigang Xiang
Xiang Zhou *see* Zhou Xiang
Xiang-dong Hou On the covering radius of R(1, m) in R(3, m) 66393
Xiang-Fei Chen, Ya-Lin Lu, Yan-Qing Lu, Nai-Ben Ming Bistable behavior in the phase-output relation in two-dimensional nonlinear optical superlattices 96621
Xiang-Fei Cheng *see* Ya-Lin Lu 107585
Xiang-Gen Xia, Zhen Zhang Binary linearity of linear error correction codes over Z_4 97456
Xiang-Gen Xia *see* Mingui Sun 110835
Xiang-jiu Zhang *see* Yong Gao 64807
Xiang-Luan Jia *see* Shi-Cai Qin 84603
Xiang-Na Liu *see* Song Tong 95956
Xiang-Qun Zhong *see* Zhong Xiang-Qun
Xiang-Rong Chang *see* Zhen-Jun Wang 64375
Xiang-Shao Xu *see* Yu-Chuan Chen 116582
Xiang-Tai Wang *see* Wang Xiang-Tai
Xiang-Xiang Zhong *see* Wanxie Zhong 72658
Xiang-Yang Zheng *see* Yu-Chuan Chen 116582
Xiang-Yuan Xiong, Kai-Yuan Ho, Zhe Ji Effects of Si content on effective magnetic anisotropy in $Fe_{87-x}Cu_1Nb_3Si_xB_9$ nanocrystalline alloys 64208
Xiang-Yun Song, Xi Chu, Kinoshita, K. Structural characterization of carbon materials prepared at low temperature [secondary cell electrodes] 112302
Xiangan Liu *see* Liu Xiangan
Xiangdong Chen *see* Lianwei Wang 82667
Xiangdong Tan *see* Tan Xiangdong
Xiangdong Wu *see* Ruzhang Li 82838
Xiangdong Yu *see* Lixin Zhao 94856
Xiangdong Zhang, Rizzi, B.J. A new measurement approach for phase noise at close-in offset frequencies of free-running oscillators 93174
Xiangfeng Chen, Peicheng Pan, Liu, C.L. Desensitization for power reduction in sequential circuits 83102
Xiangfeng Zhu *see* Zhu Xiangfeng
Xiangfu Huang *see* Ruzhang Li 82838
Xiangfu Huang *see* Huang Xiangfu
Xiangfu Zong *see* Linggen Song 114870
Xiangguang Liao *see* Liao Xiangguang
Xianghua Zhai *see* Zhai Xianghua
Xianghuai Liu *see* Liu Xianghuai
Xiangjiu Zhang *see* Xuekun Lu 72755
Xiangjiu Zhang *see* Zhang Xiangjiu
Xiangjun Chen *see* Chen Xiangjun
Xiangkun Zhang *see* Bhattacharya, P. 107270
Xiangkun Zhang *see* Freeman, P.N. 74438
Xiangkun Zhang *see* Kyounghoon Yang 96060
Xianglin Yang *see* Yang Xianglin
Xianglin Zeng *see* Yiqun Li 64256
Xiangmin Li *see* Li Xiangmin
Xiangning He, Williams, B.W., Finney, S.J., Zhaoming Qian Snubber energy recovery circuits for high power inverter applications 73086
Xiangpeng Li, Yongsheng Wang, Lu Gao The radiant angle of GPS satellite antenna affecting the applied altitude of GPS in a space vehicle 88416
Xiangpeng Li *see* Yongsheng Wang 99431
Xiangqing Shi *see* Xizhi Li 79407
Xiangqun Zhong *see* Tao Xia 97997
Xianguo Cao *see* Zhiliang Hong 83184
Xiangwan Du *see* Du Xiangwan
Xiangxin Xuam *see* Xuam Xiangxin
Xiangyang Ju *see* Ju Xiangyang
Xiangyang Wang *see* Wang Xiangyang
Xiangyang Yang, Nan Li, Suganda Jutamulia Liquid crystal projection image depixelization by spatial phase scrambling 89231
Xiangyang Yang, Yu Xu, Zhiqing Wen Generation of Hadamard matrices for phase-code-multiplexed holographic memories 95650
Xiangyang Yang *see* Erbach, P.S. 86891
Xiangyang Zhang *see* Zhang Xiangyang
Xiangyang Zhen *see* Zhen Xiangyang
Xiangying Wu, Shiping Zhou, Deming Xu The photoinduced carrier distribution in a semiconductor waveguide and the FDTD analysis for millimeter-wave propagation 114183
Xiangzhen Qiao *see* Mi Lu 97766
Xiangzhong Kong *see* Kong Xiangzhong
Xianhan Luo *see* Luo Xianhan
Xianhua Wang *see* Wang Xianhua
Xianjia Wang *see* Wang Xianjia
Xianjin Li, Dagan Feng, Kewei Chen Optimal image sampling schedule: a new effective way to reduce dynamic image storage space and functional image processing time 120303
Xianjin Li *see* Ho-Shon, K. 110771
Xianjun Zeng, Mingyan Yu, Yan Zhang, Yizheng Ye Reducing the logic-level of combinational circuits 93230
Xiankang Dou, Scialom, G., Lemaitre, Y. MANDOP analysis and airborne Doppler radar for mesoscale studies 120744
Xianlie Huang *see* Huang Xianlie
Xianlin Huang *see* Huang Xianlin
Xianlin Meng *see* Deyuan Shen 65114
Xianling Dong *see* Huiting Chen 61321
Xianlong Hong, Yici Cai, Changge Qiao, Pujiang Huang, Zhiwei Kang, Tianxiong Xue, Kuh, E.S., Chung-Kuan Cheng Tiger: a timing-driven gate array and standard cell layout system 83057
Xianlong Hong *see* Changge Qiao 82823
Xianlong Hong *see* Hong Xianlong
Xianlu Chen *see* Chen Xianlu
Xianmei He *see* Longqing He 96798
Xianmin Yi, Changxi Yang, Shiuan-Huei Lin, Pochi Yeh, Gu, C. Cross-talk noise and storage density of volume holographic memory with spectral hole burning materials 84955
Xianmin Yi, Shiuan Huei Lin, Pochi Yeh, Ken Yuh Hsu Contradirectional two-wave mixing with partially coherent waves in photorefractive crystals 96656
Xianmin Yi *see* Campbell, C. 84954
Xianmin Zhang, Congjian Wang, Kangsheng Chen Equivalent network approach for a general nonlinear planar optical waveguide 85040
Xianming Qing *see* Qing Xianming
Xianping Hong *see* Hong Xianping
Xianrong Chang *see* Chang Xianrong
Xianrui Huang *see* Kral, S.F. 91054
Xiansheng Nie *see* Jakab, E. 110433
Xianshu Lin *see* Lin Xianshu
Xianwu Zhao *see* Zhao Xianwu
Xianxin Zhong *see* Zhiyu Wen 69102
Xianxu Wang *see* Wang Xianxu
Xianyang Zhu, Jing Li, Lang Jan, Wenbing Wang Diffraction mechanism analysis of finned cylinders by the use of image theory 97044
Xianyang Zhu, Lang Jen, Qingzdang Liu, Xingshao Du Phase locking of high power microwave oscillators with large injection power ratios 62231
Xianzhang Lei, Povh, D., Lerch, E. Global parameter settings of FACTS controllers for improving power system stability 111561
Xianzheng Wang *see* Wang Xianzheng
Xianzhi Chen *see* Chen Xianzhi
Xianzuo Jiang *see* Jiang Xianzuo
Xiao, A. *see* Huang, N. 89989
Xiao, C., Hill, D.J. Stability results for decomposable multidimensional digital systems based on the Lyapunov equation 66770
Xiao, D. *see* Adams, D. 69840
Xiao, J.M. *see* Zhen-Jun Wang 64375
Xiao, L. *see* Wei, C.D. 72741
Xiao, P. *see* Crow, J.D. 119221
Xiao, Q.F. *see* Zhi-Qiang Jin 64319
Xiao, R.F., Liao, H.B., Cue, N., Sun, X.W., Kwok, H.S. Growth of c-axis oriented gallium nitride thin films on an amorphous substrate by the liquid-target pulsed laser deposition technique 113491
Xiao, R.F. *see* Li, Z.F. 113447
Xiao, R.F. *see* Liao, H.B. 92849
Xiao, W., Weidemann, B. Modelling of non-linear magnetic bearings with the help of the finite-element method 71240
Xiao, W.J. *see* Braunschweig, W. 69836
Xiao, W.J. *see* Braunschweig, W. 120140
Xiao, Y.-J., Faure, H. Volume-discrepancy estimates in one and two dimensions 60865
Xiao Benzheng *see* Benzheng Xiao
Xiao Bing *see* Xu Guanfeng 65522
Xiao Chengshan *see* Chengshan Xiao
Xiao Chuangbai, Li Yanda, Luo Hui Structure identification of filtered fractionally differenced Gaussian noise processes 97823
Xiao Debao An integrated voice/data network based on star-multirings topology 98711
Xiao Dengming Dielectric strength in mixtures of SF_6 with some gases and their analysis 75045
Xiao Dong *see* Tang Jianming 85448
Xiao Dong *see* Tang Jianming 85449
Xiao Dong *see* Wang Shuicai 96182
Xiao Gang *see* Pan Yunjiang 111885
Xiao Gang *see* Gang Xiao
Xiao Gaosi *see* Jiao Yongchang 97382
Xiao Guixia The effect of resonance frequency offset in a passive resonator 76074
Xiao Guixia Backscattering within a passive resonator laser gyroscope 96574
Xiao Guo-Zhen *see* Guo-Zhen Xiao
Xiao Guozhen *see* Feng Dengguo 108092
Xiao Guozhen *see* Yi Xun 108150

Xiao Hai *see* Hai Xiao
Xiao Heng *see* Heng Xiao
Xiao Hu *see* Mizuseki, H. 95361
Xiao Hu *see* Hu Xiao
Xiao Hua Huang, Pardavi-Horvath, M. Local demagnetizing tensor calculation for arbitrary non-ellipsoidal bodies 116816
Xiao Hui Hou *see* Hou Xiao Hui
Xiao Jian *see* Dai Hongwei 81040
Xiao Jianfei *see* Jianfei Xiao
Xiao Jinghua *see* Liu Jie 117145
Xiao Kuiying *see* Zhao Jian 69573
Xiao Liangyong *see* Chen Yihong 85974
Xiao Liling *see* Liling Xiao
Xiao Liu, Adah, T. Recurrent canonical piecewise linear network and its application to adaptive equalization 108361
Xiao Mang Zhang, Taniguchi, K., Nakano, Y. Dynamic thresholding with feature feedback and its application to extracting nuclei in glomeruli of human kidneys 70099
Xiao Mei Yu *see* Yuliang He 113455
Xiao Qingjun *see* Qingjun Xiao
Xiao Qinglin *see* Zhang Guowei 79429
Xiao Rongrui *see* Rongrui Xiao
Xiao Shujun *see* Shujun Xiao
Xiao Sihai *see* Sihai Xiao
Xiao Tianpeng *see* Jing Xiaofeng 95681
Xiao Wang *see* Wang Xiao
Xiao Wei Tu, Dubuisson, B. Accurate line recovering in image of 3-D scene 67135
Xiao Weimin, Wang Jing, Yao Yan A new linear multiuser detector in asynchronous CDMA systems 118040
Xiao Xianci *see* Lu Mingquan 117440
Xiao Xiuhong *see* Wu Ying 73707
Xiao Xudong *see* Xudong Xiao
Xiao Xuhui *see* Ning Jiping 116452
Xiao Yegui *see* Yegui Xiao
Xiao Yi *see* Lin Xiaokang 117955
Xiao Ying *see* Zheng Mei 107719
Xiao Yongxin, Peng Hailiang, Shu Shiwei Research on Synthetic Aperture Radar (SAR) imaging system with information theory 99631
Xiao Yuan *see* Yuan Xiao
Xiao Zhengwen *see* Zhengwen Xiao
Xiao Zhibo *see* Zhibo Xiao
Xiao Zhixiong, Wei Tongli Quantitative modeling of the current gain at high injection level in silicon bipolar transistor 105900
Xiao Zhixiong, Wei Tongli Quantitative modelling of DC and transient characteristics at high injection level at 77 and 300 K in silicon bipolar transistor 105918
Xiao Zhu *see* Zhu Xiao
Xiao-An Wang, Wicker, S.B. An artificial neural net Viterbi decoder 62092
Xiao-An Wang, Wicker, S.B. A soft output decoding algorithm for concatenated systems 66478
Xiao-An Wang *see* Tapp, T.L. 119049
Xiao-Bo Wu *see* Wu Xiao-Bo
Xiao-Di Li, Hung-Tat Tsui Model-based 3-D scene analysis by sensor fusion 97940
Xiao-Ding Cai, Costache, G.I. Time domain analysis of a through hole via with time dependent skin effect model 93989
Xiao-Feng Wu *see* Wu Xiao-Feng
Xiao-Guang Ya *see* Jian-Gang Zhu 75252
Xiao-Guang Ye *see* Jian-Gang Zhu 64428
Xiao-Hang Sun *see* Sun Xiao-Hang
Xiao-Jie Yuan, Kivi, M., Taylor, S., Hurley, P. Effects of Fowler-Nordheim stress on interface trap density and emission cross sections in n-MOSFETs studied by three-level charge pumping 63663
Xiao-Lei Guo, Lee, T.T. Backlog balancing flow control in high-speed data networks 77639
Xiao-Liang Bai, Ohdaira, E., Masuzawa, N., Ide, M. Effects of ultrasonic irradiation on the capacity of lead storage batteries 91707
Xiao-Lin Wang *see* Wang Xiao-Lin
Xiao-Min Chen *see* De-Kui Qing 99948
Xiao-Ming Gao, Ovaska, S.J., Hartimo, I.O. Speech signal restoration using an optimal neural network structure 108208
Xiao-Ming Xiong *see* Carragher, R.J. 95097
Xiao-Ming Yang *see* Hai-Ming Wu 82756
Xiao-Ming Yuan *see* Hong-Ying Wu 121773
Xiao-Ping Yan *see* Yan Xiao-Ping
Xiao-Ping Zhang Fast three phase load flow methods 102148
Xiao-Ping Zhou, Qi-Liang Xie, Jian-Min Liu, Zhi-Jian Yue, Kai-Hua Cai Resection of meningiomas with implantable microwave coagulation 70169
Xiao-Qi Bao *see* Jaehwan Kim 61458
Xiao-Qing Jin Band Toeplitz preconditioners for block Toeplitz systems 72630
Xiao-Wen Chang, Paige, C.C., Stewart, G.W. New perturbation analyses for the Cholesky factorization 113227
Xiao-Wen Zhang *see* Xin-Rong Wang 103832
Xiao-Wu Ni, Jian Lu The thermal destruction mechanisms of PIN-junction optoelectronic diode by laser 75724
Xiao-Xiao Tang *see* Jie-Gu Li 98038
Xiao-Xin Zhong *see* Zhong Xiao-Xin
Xiao-Yu Li, Aum, P., Chan, D., Viswanathan, C.R. Impact of plasma etching on device hot carrier and Fowler-Nordheim reliability 63702
Xiao-yu Zhang *see* Zhang Xiao-yu
Xiao-Yuan Chen *see* Tao Yu 115410
Xiaobao Chen End-to-end synchronization control support for multiservice applications 98869
Xiaobin Gong *see* Guangyi Wan 89161
Xiaobin Xu, Kubota, T., Iwamoto, M. Detection of the electron transfer in hetero-structured polyimide LB films by transient photoinduced voltage 64120
Xiaobin Zhang *see* Zhang Xiaobin
Xiaobing Fan *see* Fjield, T. 101300
Xiaobing Guo *see* Guangping Li 84069
Xiaobing Guo *see* Kaisheng Hu 84493
Xiaobing Guo *see* Xiukun He 83853
Xiaobo Chen *see* Chen Xiaobo
Xiaobo Fan *see* Fan Xiaobo
Xiaobo Hua *see* Zonguang Yu 83178
Xiaobo Li, Jun Yang Applications of mathematical morphology in multi-object motion detection 97922
Xiaobo Li *see* Xiaoqing Qu 98053
Xiaobo Sharon Hu *see* Chen, D.Z. 82869
Xiaobo Zhang *see* Zhang Xiaobo
Xiaobo Zou *see* Zou Xiaobo
Xiaochen Wu *see* Wu Xiaochen
Xiaochuan Chen *see* Chen Xiaochuan
Xiaochuan Jia *see* Jia Xiaochuan
Xiaochun Zhang *see* Longqing He 96798
Xiaocun Lin *see* Lin Xiaocun
Xiaodan Jin, Yanbiao Liao, Shurong Lai, Huafeng Zhao Single-LED optical fiber sensor system using a novel polarization-modulated compensation technique 79495
Xiaodong Che *see* Fitzpatrick, J. 115785
Xiaodong Chen, Lindsay, P.A. Oscillations and chaos in plasma-filled diodes 105024
Xiaodong Huang, Ping Han, Youdou Zheng, Liqun Hu, Ronghua Wang, Shunming Zhu Low-temperature epitaxy of phosphorus doped Si and Si$_{1-x}$Ge$_x$ films by RTP/VLP-CVD 82669
Xiaodong Mu *see* Liangmin Zhang 107572
Xiaodong Wang *see* Roychowdhury, V.P. 104772
Xiaodong Ye, Zhaoda Zhu Airborne MTI based on diagonal detection in space-time spectrum 119309
Xiaodong Yuan *see* Yuan Xiaodong
Xiaodong Zeng *see* Zeng Xiaodong
Xiaodong Zhao *see* Zhao Xiaodong
Xiaodong Zhou *see* Jeonghwan Ko 61053
Xiaodong Zhou *see* Zhou Xiaodong
Xiaofa Shi *see* Sihai Xiao 66395
Xiaofan Liu *see* Ong, S.H. 90392
Xiaofang Dai *see* Dai Xiaofang
Xiaofang Tang *see* Yao Zhao 86815
Xiaofei Song *see* Song Xiaofei
Xiaofeng Gu, Jiafang Du, Xinfan Huang, Jin Zhou, Wei Li, Wenqi Gao, Kunji Chen The fabrication and application of a novel OASLM based on a-Si:H and its alloy 95863
Xiaofeng Gu *see* Gu Xiaofeng
Xiaofeng Hu *see* Hu Xiaofeng
Xiaofeng Jing *see* Jing Xiaofeng
Xiaofeng Meng *see* Meng Xiaofeng
Xiaofeng Wei *see* Wei Xiaofeng
Xiaogang Feng, Boshi Chen Fuzzy-controlled DC drive system with load observer 91814
Xiaogang Luo *see* Lipo, T.A. 91437
Xiaoguang Chen, Zaiping Nie Numerical solution of Green's function of potential field of eccentric point source in axisymmetric inhomogeneous media 70451
Xiaoguang Chen *see* Chen Xiaoguang
Xiaoguang Li *see* Qianwang Chen 74259
Xiaoguang Wang, Yong-Qing Cheng, Collins, R.T., Hanson, A.R. Determining correspondences and rigid motion of 3-D point sets with missing data 86390
Xiaoguang Wu *see* Wu Xiaoguang
Xiaohan, S. *see* He, J. 99019
Xiaohan Li *see* Li Xiaohan
Xiaohan Yu *see* Yu Xiaohan
Xiaohan Yun, Bogy, D.B., Bhatia, C.S. Wear of hydrogenated carbon coated disks by carbon coated and uncoated Al$_2$O$_3$/TiC sliders in ultra high vacuum 115689
Xiaohang Du *see* Yi Luo 107343
Xiaohao Xu *see* Xu Xiaohao
Xiaohong, T., Zhengde, W., Yong, F. Fundamental wave injection locked 2nd harmonic Gunn oscillators 73143
Xiaohong Guan, Luh, P.B., Prasannan, B. Power system scheduling with fuzzy reserve requirements 70793
Xiaohong Guo *see* Guo Xiaohong
Xiaohong Jiang *see* Ke Wu 65793
Xiaohong Li, Bhide, S., Kabuka, M.R. Labeling of MR brain images using Boolean neural network 120295
Xiaohong Zhang *see* Zhang Xiaohong
Xiaohua Deng *see* Huebner, W. 81821
Xiaohua Huang *see* Guobao Zheng 75154
Xiaohua Jia, Lee, C.H., Makki, K., Pissinou, N. Efficient multicast tree algorithm in ATM networks 109290
Xiaohua Wang *see* Wang Xiaohua
Xiaohua Yun *see* Yun Xiaohua
Xiaohui, Q., Zhaoda, Z. A modified extended coherent processing method for near-field radar imaging 78991
Xiaohui Guo *see* Guo Xiaohui
Xiaohui Li, Jenkins, W.K. The comparison of the constrained and unconstrained frequency-domain block-LMS adaptive algorithms 73560
Xiaohui Ning *see* Shackelford, C.J. 75655
Xiaohui Qiu, Zhaoda Zhu Super-resolution imaging used in chirp scaling algorithm 119315
Xiaohui Qiu *see* Zhaoda Zhu 119316
Xiaohui Qiu *see* Zhaodu Zhu 119313
Xiaojian Chen *see* Chen Xiaojian
Xiaojian Liu, Bruton, L.T. High-speed systolic ladder structures for multidimensional recursive digital filters 62034
Xiaojian Shu *see* Shu Xiaojian
Xiaojian Xu, Constantinides, A.G. Practical issues concerning moment invariants 77510
Xiaojian Xu *see* Xu Xiaojian
Xiaojiang Yu, Gilmour, A., Taplin, R. Current limitations on further introduction of renewable energy systems in the South Pacific. Five national case studies 121279
Xiaojin Jin *see* Jin Xiaojin
Xiaojun Chen *see* Delong Zhang 116420
Xiaojun Fang A variable-loop Sagnac interferometer for distributed impact sensing 119705
Xiaojun Fang, Anbo Wang, Claus, O. A modified AC/DC compensation technique for DC measurands 79476
Xiaojun Fang, Anbo Wang, Murphy, K.A., Claus, R.O. Optimal design of an intensity-based reciprocity insensitive intrinsic fiber optic electric current sensors 79477
Xiaojun Fang, Claus, R.O. Optimal design of IRIS-based polarimetric intrinsic fiber optic current sensors 89132
Xiaojun Fang, Claus, R.O., Indebetouw, G. Interferometric model for phase analysis in fiber couplers 95688
Xiaojun Fang, Wang, G.Z., Anbo Wang, Claus, R.O. Phase-locking technique for stabilizing birefringent Sagnac interferometer-based current sensors 79488
Xiaojun Fang, Wang, G.Z., Murphy, K.A., Claus, R.O. Signal stabilization using a folded Sagnac interferometer 79490
Xiaojun Jin *see* Jin Xiaojun
Xiaojun Qing *see* Qing Xiaojun
Xiaokang Lin *see* Lin Xiaokang
Xiaokui Wang *see* Wang Xiaokui
Xiaolan Peng *see* Peng Xiaolan
Xiaolan Zhang *see* Zhang Xiaolan
Xiaolei Li *see* Li Xiaolei
Xiaolei Zhang *see* Tong, C.-Y.E. 109847
Xiaolei Zhu *see* Oliger, J. 72696
Xiaoli Kang *see* Kang Xiaoli
Xiaoli Xie *see* Xie Xiaoli
Xiaoli Zou *see* Zou Xiaoli
Xiaoliang Wang *see* Wang Xiaoliang
Xiaoliang Zhou, Jurang Yan Oscillatory property of higher order nonlinear difference equations 72675
Xiaolin Qiao *see* Qiao Xiaolin
Xiaolin Wu An algorithmic study on lossless image compression 86728
Xiaolin Wu *see* Memon, N. 117879
Xiaolin Yan *see* Yan Xiaolin
Xiaoling Zhu *see* Zhu Xiaoling
Xiaolong Chen *see* Chen Xiaolong
Xiaolong Yang *see* Yang Xiaolong
Xiaomei Wang *see* Keller, J.M. 117777
Xiaomiao Wu *see* Wu Xiaomiao
Xiaomin Jin *see* Jin Xiaomin
Xiaomin Ren, Campbell, J.C. Theory and simulations of tunable two-mirror and three-mirror resonant-cavity photodetectors with a built-in liquid-crystal layer 119682
Xiaomin Zhang *see* Zhang Xiaomin
Xiaoming Chen *see* Guowu Zheng 65970
Xiaoming Chen *see* Chen Xiaoming
Xiaoming Li *see* Tianchun Ye 84492
Xiaoming Liu *see* Zhixing Yang 119205
Xiaoming Pan *see* Pan Xiaoming
Xiaoming Wang, Ehlers, C., Neitzel, M. Electromechanical dynamic analysis of the piezoelectric stack 106391
Xiaoming Wei *see* Wei Xiaoming
Xiaoming Xu, Hai Zhou, Emson, C.R.I., Trowbridge, C.W. Implementing a boundary condition for incident waves in FE calculations 65786
Xiaoming Xu *see* Xu Xiaoming
Xiaoming Zhang *see* Zhang Xiaoming
Xiaoming Zhu *see* Wong, A.W.K. 108469
Xiaomu Dou *see* Huamin Jia 90700
Xiaonan Li *see* Niles, D.W. 91737
Xiaoning Nie, Unbehauen, R. Novel and efficient realizations of FIR digital filters 97788
Xiaonong Tao *see* Tao Xiaonong
Xiaonong Zhu, Cormier, J.-F., Piche, M. Study of dispersion compensation in femtosecond lasers 96163
Xiaonong Zhu, Piche, M., Sibbett, W. Influence of resonant absorption on the propagation of femtosecond pulses in an Er-doped optical fibre 75453
Xiaonong Zhu *see* Piche, M. 76188
Xiaopeng Sun *see* Sun Xiaopeng
Xiaopeng Tian *see* Tian Xiaopeng
Xiaopin Zhang *see* Zhang Xiaopin
Xiaoping He, Tafazolli, R., Evans, B.G. Call processing functions in the integrated satellite and GSM system 109490
Xiaoping Hu, Tuong Huu Le Artifact reduction in EPI with phase-encoded reference scan 101302
Xiaoping Hu *see* Seong-Gi Kim 90383
Xiaoping Jia *see* Adler, L. 82808

Xiaoping Shui, Chung, D.D.L. A piezoresistive carbon filament polymer-matrix composite strain sensor 69030
Xiaoping Shui, Chung, D.D.L. Magnetic properties of nickel filament polymer-matrix composites 95333
Xiaoping Shui, Frysz, C.A., Chung, D.D.L. Improving the electrochemical performance of carbon filaments by solvent cleansing 112301
Xiaoping Shui *see* Frysz, C.A. 112194
Xiaoping Shui *see* Frysz, C.A. 112195
Xiaoping Shui *see* Frysz, C.A. 112197
Xiaoping Song *see* Aru Yan 115848
Xiaoping Song *see* Song Xiaoping
Xiaoping Wang *see* Xizhi Li 79407
Xiaoping Wu *see* Linyong Pang 69533
Xiaoping Wu *see* Wu Xiaoping
Xiaoping Yang *see* Yaohui Zhang 62852
Xiaoping Zhang *see* Zhang Xiaoping
Xiaopu Yan *see* Mingui Sun 110835
Xiaoqian Li *see* Li Xiaoqian
Xiaoqiang Chen *see* Lalgudi, H. 87590
Xiaoqiang Zeng *see* Haomin Wu 117157
Xiaoqin Li *see* Wenyu Zhu 94676
Xiaoqin Wang *see* Wang Xiaoqin
Xiaoqing Jiang *see* Jiang Xiaoqing
Xiaoqing Pan *see* Zheng, J.G. 74278
Xiaoqing Qu, Xiaobo Li A 3D surface tracking algorithm 98053
Xiaoqing Wen *see* Wen Xiaoqing
Xiaoqing Zhang *see* Zhang Xiaoqing
Xiaoqun Ding *see* Ding Xiaoqun
Xiaoren Pan *see* Pan Xiaoren
Xiaorong Duan *see* Mingzhen Xu 84010
Xiaorong Duan *see* Duan Xiaorong
Xiaorong Jiang *see* Jiang Xiaorong
Xiaorong Sun, Chunguang Xu, Yongsheng Wang Unmanned space vehicle navigation by GPS 90701
Xiaorong Xia *see* Oyama, J. 81558
Xiaorong Xia *see* Oyama, J. 91625
Xiaoru Zhang *see* Zhang Xiaoru
Xiaoshen Zhang *see* Zhang Xiaoshen
Xiaoshu Cai *see* Cai Xiaoshu
Xiaosong Geng *see* Geng Xiaosong
Xiaosong Zheng *see* Zheng Xiaosong
Xiaotang Ren *see* Ren Xiaotang
Xiaotao Chen *see* Lombardi, F. 61794
Xiaotian Wang *see* Aru Yan 115848
Xiaotian Wang *see* Wang Xiaotian
Xiaoting Liu *see* Liu Xiaoting
Xiaowei Liu *see* Mingzhen Xu 84010
Xiaowei Liu *see* Liu Xiaowei
Xiaowei Meng *see* Boyd, R.D. 91292
Xiaowei Sun, Jinsheng Luo, Jinting Lin Realization of an MMIC active filter with negative resistance circuits 83462
Xiaowei Sun *see* Sun Xiaowei
Xiaowei Tang *see* Tang Xiaowei
Xiaowei Wang *see* Wang Xiaowei
Xiaowei Zhu, Yiyuan Chen, Wei Dong Q-band injection-locked Gunn diode oscillator 73692
Xiaowen Dai, Ray, A. Damage-mitigating control of a reusable rocket engine: Part I–Life prediction of the main thrust chamber wall 120641
Xiaowen Dai, Ray, A. Damage-mitigating control of a reusable rocket engine: Part II formulation of an optimal policy 120642
Xiaowen Dai *see* Chen-Kuo Weng 91306
Xiaowen Li *see* Li Xiaowen
Xiaowen Mang *see* Gelenbe, E. 117961
Xiaowu Gong *see* Gong Xiaowu
Xiaowu Ni *see* Ni Xiaowu
Xiaoxian Yang *see* Yang Xiaoxian
Xiaoxiang Liu, Sites, J.R. Calculated effect of conduction-band offset on CuInSe$_2$ solar-cell performance 112371
Xiaoxiang Liu *see* Liu Xiaoxiang
Xiaoxin Qiu *see* Li, V.O.K. 99738
Xiaoxin Zhou *see* Zhou Xiaoxin
Xiaoyan Liu *see* Xudong Guan 84456
Xiaoyan Qiu *see* Qiu Xiaoyan
Xiaoyi Dong *see* Dong Xiaoyi
Xiaoyin He *see* He Xiaoyin
Xiaoying Qian, Jinlong Shen Performance analysis of finite output buffer ATM switch with Bernoulli arrival of two priorities 118017
Xiaoyu Song *see* Tahar, S. 98380
Xiaoyu Sui *see* Yingjian Chen 84808
Xiaoyu Teng *see* Teng Xiaoyu
Xiaoyu Zhang *see* Mammone, R.J. 108205
Xiaoyuan Chen *see* Xinfan Huang 94531
Xiaoyuan Chen *see* Chen Xiaoyuan
Xiaoyuan Hou, Xiying Chen, Zheshen Li, Xunmin Ding, Xun Wang Passivation of GaAs surface by sulfur glow discharge 105649
Xiaoyuan Hou *see* Shiyou Zhao 63571
Xiaoyuan Hou *see* Xun Wang 84198
Xiaoyuan Hou *see* Hou Xiaoyuan
Xiaoyun Sun, Golden, B., Kwon, O., Wasil, E. Enhancing the performance of neural network models for the wire bonding process 73897
Xiaozhen Wang *see* Wang Xiaozhen
Xiaozheng Hou *see* Hou Xiaozheng
Xiaozhong Pang *see* Guiqing He 67543
Xiaozhu Chen *see* Chen Xiaozhu
Xibilia, M.G. *see* Caponetto, R. 61564
Xibin Shao *see* Ruipeng Sun 89342
Xibin Xu *see* Xu Xibin
Xichen Zhu *see* Zhu Xichen
Xicheng Zhu *see* Zhu Xicheng
Xide Li *see* Li Xide
Xide Xie The development of VLSI in China: past, present and future 84525
Xiding Liu *see* Liu Xiding
Xidis, A.L. *see* Owens, B.B. 81681
Xie, C. *see* Fink, R.L. 89322
Xie, C. *see* Kumar, N. 89367
Xie, D.J., Chan, Y.C., Lai, J.K.L., Hui, I.K. Fatigue life estimation of surface mount solder joints 93987
Xie, D.J., Chan, Y.C., Lai, J.K.L., Hui, I.K. Fatigue life studies on defect-free solder joints fabricated from modified reflow soldering 93988
Xie, D.J. *see* Chan, Y.C. 94052
Xie, G.D. *see* Zhang, Y.J. 102641
Xie, G.G. *see* Lam, S.S. 87360
Xie, G.G. *see* Lam, S.S. 117965
Xie, H., Narasimhan, P., Yuan, R., Raychaudhuri, D. Data link control protocols for wireless ATM access channels 68288
Xie, H. *see* Ditzel, E. 100992
Xie, H.A., Forward, K., Adams, K.M., Kumar, S. An SBus Multi Tracer and its applications 68987
Xie, K. *see* Aliev, Yu.M. 64766
Xie, K. *see* Boardman, A.D. 64488
Xie, K. *see* Boardman, A.D. 65462
Xie, K. *see* Flemish, J.R. 114910
Xie, L., Ebner, W., Fouchard, D., Megahed, S. Electrochemical studies of LiNiO$_2$ for lithium-ion batteries 81680
Xie, L. *see* Fouchard, D. 81690
Xie, L. *see* Megahed, S. *(editor)* 72091
Xie, M., Lai, C.D. Reliability analysis using an additive Weibull model with bathtub-shaped failure rate function 60705
Xie, M., Liu, L.Y. Color stereo vision: use of appearance constraint and epipolar geometry for feature matching 86676
Xie, M. *see* Benson, S.V. 96445
Xie, M. *see* Kim, K.J. 96533
Xie, M. *see* Mok, Y.L. 103502
Xie, M. *see* Tatchyn, R. 96526
Xie, M.H. *see* Fernandez, J.M. 103925
Xie, M.H. *see* Joyce, B.A. 103922
Xie, Q., Kalburge, A., Chen, P., Madhukar, A. Observation of lasing from vertically self-organized InAs three-dimensional island quantum boxes on GaAs (001) 85521
Xie, R.J., Kava, J.D., Siegel, M. Aspect ratio dependent etching on metal etch: modeling and experiment 84138
Xie, T., Mackie, W.A., Davis, P.R. Field emission from ZrC films on Si and Mo single emitters and emitter arrays 83712
Xie, W., Wang, Y., Melloch, M.R., Cooper, J.A., Jr., Johnson, G.M., Lipkin, L.A., Palmour, J.W., Carter, C.H., Jr. Development of nonvolatile random access memories in 6H-SiC 105922
Xie, W. *see* Wang, Y. 105923
Xie, X.L. *see* Chen, W.D. 105467
Xie, X.L. *see* Chen, W.D. 105704
Xie, X.L. *see* Proth, J.M. 92475
Xie, X.S. *see* Zhang, Y.L. 75386
Xie, Y.H. *see* Xu, Q. 92711
Xie, Y.M. *see* Nha Chu, D. 61090
Xie, Z.-Y., Brady, M. Texture segmentation using local energy in wavelet scale space 67246
Xie Changde *see* Changde Xie
Xie Changqing *see* Changqing Xie
Xie Chenggang *see* Chenggang Xie
Xie Dahong *see* Chen Ke 86145
Xie Dahong *see* Dahong Xie
Xie Erqin *see* Erqin Xie
Xie Guoping *see* Jing Xiaofeng 95681
Xie Hengkun *see* Zhu Yutao 64116
Xie Hengkun *see* Hengkun Xie
Xie Henkun *see* Henkun Xie
Xie Hua *see* Shen Fenglin 120427
Xie Hui *see* Hui Xie
Xie Huicai, Fang Gefeng The vector potential method on magnetoelastic buckling of structures carrying electric current 115960
Xie Jialin *see* Jialin Xie
Xie Jian *see* Jian Xie
Xie Jun *see* Jun Xie
Xie Kai, Wang Feng, Yu Erkeng, Ge Weichun, Ma Xin, Pang Minghui Very short-term load forecasting by Kalman filter algorithm 121061
Xie Kai *see* Wang Feng 70804
Xie Kai *see* Wang Feng 111545
Xie Kanglin *see* Ye Jianguo 119386
Xie Li *see* Ji Hua 98492
Xie Li *see* Ji Hua 118393
Xie Liansheng *see* Liansheng Xie
Xie Lihua *see* Lihua Xie
Xie Like *see* Like Xie
Xie Linzhen *see* Zhang Kan 88544
Xie Linzhen *see* Linzhen Xie
Xie Linzheng *see* Wang Ziyu 119209
Xie Mengchun *see* Mengchun Xie
Xie Ming, Ding Kang Corrections for frequency, amplitude and phase in a fast Fourier transform of a harmonic signal 86210
Xie Ming *see* Ming Xie
Xie Mingjie *see* Xu Qiyang 120830
Xie Minjie *see* Wang Xinbing 106842
Xie Minjie *see* Minjie Xie
Xie Peipei *see* Rong Gang 120206
Xie Ping *see* Ping Xie
Xie Qi-Liang *see* Qi-Liang Xie
Xie Qiaobing *see* Qiaobing Xie
Xie Qun *see* Qun Xie
Xie Rougsheng *see* Wang Guicheng 69862
Xie Sen, Li Zhen-Hua The development of bi-wire temperature and humidity intelligent instrument 79307
Xie Tianbao *see* Tianbao Xie
Xie Weixin *see* Cui Ningzhou 97826
Xie Weixin *see* Liu Jianzhuang 108399
Xie Xi-De *see* Xi-De Xie
Xie Xiaoli Integration of remote measurement calibration with state estimation 91246
Xie Xide *see* Xide Xie
Xie Xiren *see* Wu Lifa 119120
Xie Yi *see* Yi Xie
Xie Yong *see* Yong Xie
Xie Yongsheng, Sun Hongbo, Luo Chunlei, Xu Guoyu An elastic steady-state security region with fuzzy loads 111528
Xie Youxin, Chen Jin, Fu Changgeng Implementation of coding and encryption in satellite channel 119117
Xie Zeming *see* Lin Zhi 116919
Xieping-Gao, Shi-Shu, Kaixin-Fu Quartic spline-on-spline interpolation 72601
Xifan Jiang *see* Jiang Xifan
Xifan Wang, Xiuli Wang Feasibility study of fractional frequency transmission system 70831
Xifan Wang *see* Wang Xifan
Xifu Qiang *see* Qiang Xifu
Xiguan Lu *see* Lu Xiguan
Xihe Tuo, Wolff, I. A physics-based non-quasi-static large-signal model for GaAs MESFETs 63790
Xihong He *see* He Xihong
Xihong Zhang *see* Zhang Xihong
Xihua Sun *see* Sun Xihua
Xijuan Zhang, You Xu, Mingqian Duan, Guillot, M. An investigation on the magneto-optical enhancement in Ni-substituted barium ferrites 75158
Xilian Wang *see* Wang Xilian
Xilin Chen, Wen Gao, Jing Zhang Motion analysis with stochastic approach 97999
Ximao Bao *see* Bao Ximao
Ximen Jiye *see* Jiye Ximen
Ximin Huang *see* Min Jiang 89348
Ximin Huang *see* Ruipeng Sun 84942
Ximin Huang *see* Ruipeng Sun 89342
Ximin Huang *see* Huang Ximin
Ximing Dai *see* Altermatt, P.P. 121878
Xin, J.G., Zhou, S.Q., Wang, Z.Y., Wang, P., Peng, X.Y., Fang, G.Z. RF excited slab waveguide array CO$_2$ laser with mutual injection phase coupling 107106
Xin, Q.-S., Conrad, S., Zhu, X.-Y. The deposition of a GaS epitaxial film on GaAs using an exchange reaction 92769
Xin, S.H., Hu, B.H., Short, S.W., Bindley, U., Yin, A., Dobrowolska, M., Furdyna, J.K. High quality CdTe/Cd$_{1-x}$Mg$_x$Te quantum wells grown on GaAs (100) and (111) substrates by molecular-beam epitaxy 82699
Xin, Y. *see* Alzayed, N.S. 64504
Xin, Y. *see* Goretta, K.C. 115908
Xin Chen, A. *see* Dowd, P.W. 78006
Xin Dingjia Establishment of fundamental theorem of decoding cyclic codes based on coset-leader decoding 86043
Xin Dong *see* Dong Xin
Xin Guo Guan *see* Guan Xin Guo
Xin Jianfong *see* Jianfong Xin
Xin Jianguo *see* Li Geping 96108
Xin Kai *see* Kai Xin
Xin Li Simultaneous approximations of multivariate functions and their derivatives by neural networks with one hidden layer 113217
Xin Li, Valentino, D.J., So, G.J., Lufkin, R., Taira, R.K. A World Wide Web telemedicine system 109201
Xin Li *see* Bing Zhou 104157
Xin Li *see* Nan-Jin Feng 117839
Xin Lin, Ohtsubo, J., Takemori, T. Real-time optical image subtraction and edge enhancement using ferroelectric liquid-crystal devices based on speckle modulation 86895
Xin Ma *see* Ma Xin
Xin Rubin *see* Ye Cheng 85681
Xin Rui *see* Dai Hongwei 81040
Xin Wang *see* Wang Xin
Xin Wu *see* Li, M.J. 62517
Xin Xiong *see* Xiong Xin
Xin Yang, de Muynck, P., Nyssen, E., Deklerck, R., Cornelis, J. A multiscale finite difference method for contour matching 98003
Xin Yi Zhang *see* Chen, J.Z. 95217
Xin Yibao *see* Wang Zili 81643
Xin Yuan, Hong Xiang Lan VLSI design of fuzzy logic controller 93231
Xin Yuan *see* Yuan Xin
Xin Zhang Yi *see* Yi Xin Zhang
Xin Zhou, Bingjun Ding, Heberlein, J.V.R. Temperature measurement and metallurgical study of cathodes in DC arcs 105005
Xin Zong *see* Zhai Xianghua 76105
Xin-Hong Hang, Bai, F., Yan, Z. On-line measuring dielectric loss angle of capacitive-type insulation by using digital measurement technique 69447
Xin-Mei Wang *see* Wang Xin-Mei

Xin-Ping Lee *see* Hai-Xiao Wang 79330
Xin-Ping Xu *see* Xu Xin-Ping
Xin-Rong Wang, Shou-Shan Fan, Qun-Qing Li, Bing-Lin Gu, Xiao-Wen Zhang Fabrication of lead iron niobate films on Si substrate by pulsed laser deposition 103832
Xin-Wei Xu *see* Kobayashi, T. 101235
Xin-Yuan Zhang *see* Zhang Xin-Yuan
Xinagyang Yang, Jutamulia, S., Nan Li Liquid-crystal projection image depixelization by spatial phase scrambling 98267
Xinan Bi *see* Bi Xinan
Xinbiao Hui *see* Hui Xinbiao
Xinbing Liu *see* Braun, A. 96232
Xinbing Wang *see* Wang Xinbing
Xinbo Gao *see* Gao Xinbo
Xinbo Ruan *see* Ruan Xinbo
Xindian Long *see* Long Xindian
Xinding Sun *see* Sun Xinding
Xindong Wang *see* Lieping Zhong 75181
Xinfan Huang, Kunji Chen, Weihua Shi, Hua Qin, Zhifeng Li, Duan Feng In-plane electrical transport in crystallized a-Si:H multiquantum-well structures 62883
Xinfan Huang, Zhifeng Li, Wei Wu, Kunji Chen, Xiaoyuan Chen, Zhiguo Liu Microstructures and optical properties in crystallized a-Si:H multi-quantum wells using excimer laser annealing 94531
Xinfan Huang *see* Kunji Chen 94284
Xinfan Huang *see* Kunji Chen 94532
Xinfan Huang *see* Xiaofeng Gu 95863
Xinfan Huang *see* Huang Xinfan
Xinfang, D. A novel micro flow-through cell pH-ISFET integrated sensor 119656
Xinfeng Wang *see* Wang Xinfeng
Xinfu Liu *see* Haibo Song 83752
Xinfu Liu *see* Qiong Li 73984
Xing, B., Liu, H.C. Simulation of one-dimensional quasi-random gratings for quantum well infrared photodetectors 99991
Xing, D.Y. *see* Jiang, J. 96673
Xing, D.Y. *see* Sheng, L. 75075
Xing, D.Y. *see* Sheng, L. 105325
Xing, D.Y. *see* Zhy Jianxin 75351
Xing, D.Z. *see* Zeng, X.C. 114894
Xing, G. *see* Wasserman, Y. 84070
Xing, K. *see* Rajagopalan, J. 71450
Xing, M., Yang, X.D. A new scheme for progressive image transmission and flexible reconstruction with DCT 77298
Xing, Q.J., Brebner, J.L., Luo, X.M., Beaudoin, M., Chennouf, A., Ahmad, G., Chen, C.W. Effect of rapid thermal annealing on the optical and structural properties of highly strained InAs/InP quantum well structures 63229
Xing, X., Lin, G.H., Johnson, K.E., Bertram, H.N. Effect of substrate texture on thin film disk noise 115674
Xing, X.K. *see* Thurston, T.R. 91714
Xing Anna *see* Chen Yifeng 117445
Xing Da *see* Da Xing
Xing Dingjia *see* Dingjia Xing
Xing Hongnian *see* Hongnian Xing
Xing Jianli *see* Jianli Xing
Xing Lee Yuan *see* Yuan Xing Lee
Xing Leiming *see* Leiming Xing
Xing Li *see* Qi Tian 104210
Xing Li Yuan *see* Yuan Xing Li
Xing Ming Li *see* Li Xing Ming
Xing Minqing *see* Minqing Xing
Xing Ping Lin *see* Naishadham, K. 73648
Xing Ping Lin *see* Naishadham, K. 116989
Xing Qian *see* Qian Xing
Xing Qirong *see* Shi Jiying 81535
Xing Qirong *see* Qirong Xing
Xing Song, Loven, J., Sivertsen, J., Judy, J. Structural, magnetic and recording properties of $CoCrTa/Co_3O_4/Pt$ perpendicular thin films media 115776
Xing Song, Sivertsen, J., Judy, J. Magnetic force microscopy images of ultrahigh-density bit patterns recorded on high-coercivity longitudinal and perpendicular thin-film media 64430
Xing Wang *see* Wang Xing
Xing Xinzhi *see* Xinzhi Xing
Xing Yibao *see* Yibao Xing
Xing Zhang, Liqiong Wei, Xuemei Xi, Yangyuan Wang, Chu, P.K. Low-voltage and high-speed CMOS/SIMOX technology 84578
Xing Zhang, Yangyuan Wang The total dose radiation characteristics of short channel CMOS/SIMOX devices 84602
Xing Zhang *see* Zhang Xing
Xing Zheng Wei *see* Wei Xing Zheng
Xing Zhou Numerical physics of subpicosecond electrical pulse generation by nonuniform gap illumination 106966
Xing-Hui Li *see* Qi-Lue Chen 74047
Xing-Nan Hong *see* Chang-Li Chen 93826
Xing-Nan Hong *see* Chang-Li Chen 114281
Xingchao Yuan *see* Silvestro, J. 97320
Xingdong Fang *see* Fang Xingdong
Xingeng Zhou *see* Zhou Xingeng
Xinggan Zhang, Zhaoda Zhu A quasi-floating point algorithm for combinational logic 113931
Xinggan Zhang *see* Weidong Yu 119312
Xinggan Zhang *see* Zhaodu Zhu 119313
Xinggan Zhang *see* Zhang Xinggan
Xinggang Lin *see* Xian Wang 87126
Xinghao Chen, Bushnell, M.L. Sequential circuit test generation using dynamic justification equivalence 61818
Xinghua Miao *see* Miao Xinghua
XingHuo Yu *see* Ledwich, G. 90993
Xingjun Wu, Yihe Sun LSP speech synthesis ASIC architecture 97595
Xingjun Zhong *see* Zhong Xingjun
Xingliang Lin *see* Lin Xingliang
Xingling Zhou Experimental evidence of capacitance invariance of a multiconductor system under local rotation 116811
Xingling Zhou, Yue Wang, Weigan Lin, Siyong Zhou Comments on the solution of the Dirichlet problem of a conducting ellipsoid 85796
Xingming Li *see* Li Xingming
Xingnan Hong *see* Hong Xingnan
Xingqin Liu *see* Tianshu Zhang 100158
Xingquan Zhou *see* Zhou Xingquan
Xingshao Du *see* Xianyang Zhu 62231
Xingshao Xu *see* Xu Xingshao
Xingshi Tao *see* Tao Xingshi
Xingshi Zheng *see* Jiayin Qin 75801
Xingshi Zheng *see* Yikun Lin 75790
Xingshi Zheng *see* Zheng Xingshi
Xingwei Zhou, Wanzhou Ye A conjecture on iterated three-point median filter 108321
Xingwu Chen *see* Chen Xingwu
Xingyao Wu *see* Wu Xingyao
Xingying Chen *see* Chen Xingying
Xingyu Zhang *see* Qingpu Wang 85408
Xingyu Zhang *see* Qingpu Wang 96220
Xingyu Zhang *see* Shengzhi Zhao 96221
Xingyu Zhang *see* Zhang Xingyu
Xingyuan Li *see* Li Xingyuan
Xingze Lu *see* Shiyou Zhao 63571
Xingzhen Zhang *see* Zhang Xingzhen
Xingzhi Zhan Computing the extremal positive definite solutions of a matrix equation 113226
Xingzhong Huang *see* Ya-Qiu Jin 76403
Xingzhong Huang *see* Ya-Qiu Jin 95245
Xingzhong Shen *see* Shen Xingzhong
Xinh Wang *see* Wang Xinh
Xinhua Geng *see* Geng Xinhua
Xinhua Qin *see* Brown, R. 70405
Xinhua Ye, Sasazawa, T., Ito, S., Takayama, A. Development of ultra-low flying pico slider 64465
Xinhua Yu *see* Yu Xinhua
Xinhua Zhuang, Yan Huang, Palaniappan, K., Yunxin Zhao Gaussian mixture density modeling, decomposition, and applications 108493
Xinhui Zhang, Zhenghao Chen, Dafu Cui, Junming Zhou, Guozhen Yang Valence intersubband transitions stimulated by polarized light in $Si_{1-x}Ge_x/Si$ multiple quantum wells 94511
Xining Zhang *see* Thornton, K. 67485
Xinjian Zheng *see* Zheng Xinjian
Xinjun Wang, Zongsheng Lai The application of porous silicon technology in thermistor sensor 89015
Xinli Jiang *see* Tripathy, S. 85591
Xinliang Lu *see* Lu Xinliang
Xinlin Hu *see* Hu Xinlin
Xinlin Qing, Yuwen Qin, Fulong Dai Experimental investigation of micromechanical behavior of advanced materials by moire interferometry 61499
Xinmei Wang *see* Wang Xinmei
Xinmin Deng *see* Deng Xinmin
Xinmin Wang *see* Wang Xinmin
Xinmin Yang Second order symmetric duality for nonlinear programs 82468
Xinmin Zhang *see* Zhang Xinmin
Xinmin Zhao *see* Zhao Xinmin
Xinping Huang *see* Leung, H. 117315
Xinqi Song *see* Xuezhong Jiang 75767
Xinqiao Wang *see* Chi Yan 64847
Xinqiao Wang *see* Guoying Chen 85494
Xinqing, L., Tsoukalas, L.H., Uhrig, R.E. A neurofuzzy approach for the anticipatory control of complex systems 121291
Xinquan Ding *see* Ding Xinquan
Xinran Li *see* Li Xinran
Xinshan Ma *see* Jiansheng Yuan 107769
Xinsheng, W., Yoshimura, N., Murata, K., Tanaka, Y., Muronaka, T., Takada, T. The influence of morphology and structure on space charge distribution in polyolefin materials 64128
Xinsheng, W. *see* Yoshimura, N. 64156
Xinsheng Lou *see* Lou Xinsheng
Xinsheng Yu Ballistocardiogram classifier prototyping with PLDs 80190
Xinshui Yan *see* Yan Xinshui
Xinwei Wang *see* Wang Xinwei
Xinwei Zhao, Nomura, S., Aoyagi, Y., Sugano, T. Formation and electronic states of Si nanocrystallites in amorphous Si 94534
Xinxiang Yan *see* Wang, K. 121609
Xinyan Wu, Guangning Wu, Hui Ma, Hengkun Xie, Songzhen Wu Detection of defects in insulating systems with wavelet technique 64104
Xinyan Wu *see* Hui Ma 64102
Xinyou Li *see* Ming Wan 98255
Xinyu Chen *see* Chen Xinyu
Xinyu Wang, Ritchie, C.J., Yongmin Kim Elevation direction deconvolution in three-dimensional ultrasound imaging 80276
Xinyuan Li *see* Li Xinyuan
Xinzhen Wu *see* Wu Xinzhen
Xinzhi Xing, Bertram, H.N. Experimental studies of nonlinearities in MR heads 75251
Xiong, F. *see* Busta, H.H. 83755
Xiong, F. *see* Thesling, W.H. 108173
Xiong, G.C. *see* Ogale, S.B. 63693
Xiong, Q. *see* Chen, K.Y. 104128
Xiong, R. *see* Fernando, J.L. 80259
Xiong, S., Dai, R., Meng, Z., Zhou, Z., Zhang, J., Zhao, Y. Improvement of a-Si TFT performance by non-damage etching technique 84444
Xiong, S.B., Ding, W.P., Liu, Z.G., Chen, X.Y., Guo, X.L., Yu, T., Zhu, Y.Y., Hu, W.S. Layered defective lanthanum titanate thin films prepared by pulsed laser ablation of potassium lanthanum titanate ceramics 82723
Xiong, S.B., Guo, X.L., Liu, Z.G., Yu, T., Chen, X.Y., Meng, X.K., Zhu, S.N. Optical waveguiding properties of highly ⟨100⟩ textured PLT thin films prepared by pulsed laser deposition 75524
Xiong, S.B. *see* Guo, X.L. 72943
Xiong, S.B. *see* Guo, X.L. 106824
Xiong, S.B. *see* Luo, G.P. 107490
Xiong, Y., Peng, J.-X., Ding, M.-Y., Wang, G.-Y., Xue, D.-H. Detection of moving pixel-sized target based on quasi-continuity-filter 108655
Xiong, Y., Peng, J.-X., Ding, M.-Y., Wang, G.-Y., Xue, D.-H. Small moving target indication based on linear-variant-coefficient-difference-equation 108656
Xiong, Y. *see* Dziong, Z. 108946
Xiong, Y. *see* Xue, D. 86552
Xiong, Y. *see* Xue, D. 90894
Xiong, Z. *see* Peng, G.D. 75825
Xiong, Z. *see* Peng, G.D. 107142
Xiong Bingheng *see* Zhang Wenbi 96844
Xiong Bingqun, Lu Shi Applying object-oriented analysis and design in SDH network management system 118270
Xiong Caidong *see* Wu Jianqiang 97153
Xiong Caidong *see* Caidong Xiong
Xiong Fuqin *see* Fuqin Xiong
Xiong Gang, Ti Zhaoxu An improved Fourier algorithm suited for micro-computer fixed time alternating current sampling 121043
Xiong Gang, Xu Xiaoming, Zhang Zhongjun How to apply some new production modes in CIPS 103386
Xiong Guo Chuan *see* Guo Chuan Xiong
Xiong Jinhu *see* Jinhu Xiong
Xiong Jize *see* Jize Xiong
Xiong Li *see* Li Xiong
Xiong Manli Multi-object optimal model for enhancing voltage stability and algorithm of artificial neural networks 80907
Xiong Pingfan, Wang Youtang The efficiency of the variable parameter Smith-Purcell FEL 65372
Xiong Si-Bei *see* Si-Bei Xiong
Xiong Sibei, Liu Zhiguo, Chen Xiaoyuan Textured growth and ferroelectricity of transparent PLZT thin films 64095
Xiong Xiang-Yuan *see* Xiang-Yuan Xiong
Xiong Xiao-Ming *see* Xiao-Ming Xiong
Xiong Xin *see* Yang Yukan 103857
Xiong Yalin *see* Yalin Xiong
Xiong Yan, Peng Jiaxiong, Ding Mingyue An effective algorithm for tank objects identification in a complex background 108405
Xiong Yan *see* Xue Donghui 98324
Xiong Yijun *see* Yijun Xiong
Xiong Ying *see* Ning Jiping 116452
Xiong Zhengjun *see* Zhengjun Xiong
Xiong Zixiang *see* Zixiang Xiong
Xiong-Ying Ye *see* Ye Xiong-Ying
Xionglian Liang *see* Xueyuan Zhang 118167
Xiongnan Yu *see* Yu Xiongnan
Xiongwei Zhang *see* Zhang Xiongwei
Xiongying Ye *see* Yue Yang 63987
Xipu Li, Throckmorton, A.J., Boka, J.B. Stability analysis on Earth observing system AM-1 spacecraft Earth acquisition 80536
Xiqiao Zhu *see* Zhu Xiqiao
Xiqing Wang *see* Wang Xiqing
Xiren Xie *see* Xie Xiren
Xirouchaki, C., Kiriakidis, G., Pedersen, T.F., Fritzsche, H. Photoreduction and oxidation of as-deposited microcrystalline indium oxide 84164
Xirouhaki, C. *see* Mailis, S. 116770
Xisan Liu *see* Liu Xisan
Xishi Wang *see* Wang Xishi
Xishu Ku *see* Ku Xishu
Xiu Lincheng, Jiang Qirong, Wang Zhonghong, Han Yingduo Research of intelligent fast valving dynamic simulation based on artificial neural network [power system control] 111515
Xiu Wang *see* Wang Xiu
Xiu-Chun Qiu *see* Qing-Yu Fan 90563
Xiu-Ping Yang *see* Yang, T. 86330
Xiu-Ping Zhuang, Koshiba, M., Tsuji, Y. An analysis of nonreciprocal mode-conversion properties of magnetooptic channel waveguides using the finite element method 95882
Xiubin Zhang *see* Zhang Xiubin
Xiuchen Jiang *see* Jiang Xiuchen
Xiudong Song *see* Song Xiudong
Xiudong Sun *see* Sun Xiudong
Xiufang Yang *see* Yang Xiufang
Xiufeng He *see* He Xiufeng
Xiuguo Li *see* Byrne, J. 81201
Xiuhong Xiao *see* Xiao Xiuhong
Xiujin Wang *see* Wang Xiujin

Xiujun Li, Meijer, G.C.M., de Jong, G.W. A self-calibration technique for a smart capacitive angular-position sensor 110140
Xiujun Li, Meijer, G.C.M., de Jong, G.W., Spronck, J.W. An accurate low-cost capacitive absolute angular-position sensor with a full-circle range 69056
Xiukun He, Qiongna Ru, Li Ding, Guangping Li, Xiaobing Guo Study of the longitudinal micro-distribution in the principal parameter properties of LEC SI-GaAs 83853
Xiukun He *see* Guangping Li 84069
Xiukun He *see* Kaisheng Hu 84493
Xiuli Chao *see* Liyi Dai 82379
Xiuli Wang *see* Xifan Wang 70831
Xiuli Wang *see* Wang Xiuli
Xiulin Zheng *see* Zheng Xiulin
Xiumin Wu *see* Wu Xiumin
Xiuming Wang, Hailan Zhang, Chongfu Ying Acoustic field in a borehole within a horizontally layered formation 120929
Xiuping Jia, Richards, J.A. Optimal feature reduction using a supervised hierarchical classifier 87112
Xiupu Zhang, Jorgensen, B.F. Analysis of optical phase conjugation using four-wave mixing in a dispersion-shifted fibre 85574
Xiuqun Zhuang *see* Zhuang Xiuqun
Xiurong Zhang *see* Zhang Xiurong
Xiuying Jiang *see* Jiang Xiuying
Xiuzhen Shi *see* Shi Xiuzhen
Xiwang Chang *see* Chang Xiwang
Xiwang Cheng *see* Cheng Xiwang
Xiwen Wei *see* Wei Xiwen
Xiwen Zhang *see* Zhang Xiwen
Xiwu Fan *see* Fan Xiwu
Xixiang Xu, Yang, J., Guha, S. Effect of ion bombardment during deposition of amorphous silicon and silicon-germanium alloy solar cells 92903
Xixiang Xu, Yang, J., Guha, S. Hydrogen dilution effects on a-Si:H and a-SiGe:H materials properties and solar cell performance 102969
Xiying Chen *see* Xiaoyuan Hou 105649
Xiying Chen *see* Xun Wang 84198
Xiying Ding *see* Ding Xiying
Xiying Hu, Lambert, J.F., Pitsillides, A. Fast backward predictive congestion notification for ATM networks with significant propagation delays 77602
Xiyou Xu *see* Xu Xiyou
Xiyu Liu *see* Liu Xiyu
Xiyun Mao *see* Mao Xiyun
Xizhang Luo *see* Jiayin Qin 75801
Xizhang Luo *see* Yikun Lin 75790
Xizhang Luo *see* Luo Xizhang
Xizhi Li, Xiangqing Shi, Li Wang, Bingchuan Yang, Xiaoping Wang, Dongqi Shi A high T_c superconducting microbolometer with Y-Ba-Cu-O thin film 79407
Xong, F. *see* Zhou, H. 116673
Xu, B., Chen, C.-T., Aarsvold, J.A., Kao, C.-M., Chen, J., Pan, X. Multiscale Bayesian image reconstruction in positron emission tomography 101326
Xu, C. *see* Yardley, J.T. 106839
Xu, C.L. *see* Ma, F. 65925
Xu, C.Q., Shinozaki, K., Okayama, H., Kamijoh, T. Second-harmonic generation using a fiber ring resonator with a $LiNbO_3$ waveguide and a semiconductor optical amplifier 116677
Xu, D. *see* Chertouk, M. 62299
Xu, D. *see* Heiss, H. 104833
Xu, D. *see* Kraus, S. 95070
Xu, D.-X., McCaffrey, J.P., Das, S.R., Aers, G.C., Erickson, L.E. Electrical and structural properties of PtSi films in deep submicron lines 74625
Xu, D.-X. *see* Landheer, D. 61407
Xu, D.X. *see* Shen, G.D. 84339
Xu, D.Y. *see* Priestley, R. 116732
Xu, F.Q. *see* Lu, E.D. 114943
Xu, G. *see* Aziz, H. 116252
Xu, G. *see* Huang, N. 79972
Xu, G. *see* Huang, N. 89989
Xu, G. *see* Jeng, S.S. 99166
Xu, G. *see* Ling, H. 99625
Xu, G. *see* Liu, H. 86185
Xu, G. *see* Parra, I. 99167
Xu, H., Lu, W.-S., Antoniou, A. An efficient algorithm for the design of multi-channel cosine-modulated QMF banks 93590
Xu, H., Lu, W.-S., Antoniou, A. Low-delay QMF banks with equiripple complex reconstruction error 97690
Xu, J. Morphological decomposition of 2-D binary shapes into conditionally maximal convex polygons 77411
Xu, J., Robbins, K.A. Tracking holes: using animation to visualize absent features 77427
Xu, J., Rogers, A.J. Fibre parameter measurement in a single-mode optical fibre with both circular and linear birefringence 64693
Xu, J. *see* Davis, R.F. 103986
Xu, J. *see* Kim, J.D. 89094
Xu, J. *see* Michel, E. 82601
Xu, J. *see* Michel, E. 100006
Xu, J. *see* Saxler, A. 100009
Xu, J. *see* Zhang, X. 94633
Xu, J. *see* Zhao, J. 89924
Xu, J.B. *see* Hsu, C.C. 61244
Xu, J.F. *see* Kang, W.P. 74029
Xu, J.F. *see* Kang, W.P. 83746
Xu, J.F. *see* Li, Q. 83727
Xu, J.H. *see* Yue, T.M. 85780
Xu, J.M. *see* Anis, H. 65262
Xu, J.M. *see* Anis, H. 85531
Xu, J.M. *see* Routkevitch, D. 105392
Xu, J.M. *see* Sargent, E.H. 96376
Xu, J.X., Chang, C.S., Wang, X.W. Constrained multiobjective global optimisation of longitudinal interconnected power system by genetic algorithm 121035
Xu, J.X. *see* Chang, C.S. 70735
Xu, J.Z. *see* Nin, J. 78986
Xu, L. *see* Cheng, W. 102734
Xu, L. *see* Garbuzov, D. 107246
Xu, L. *see* Liao, Y. 112464
Xu, L.-Q., Hogg, D.C. Using neural network to learn spatial-temporal models for moving deformable objects tracking 108596
Xu, L.Q. *see* Pignon, D. 64848
Xu, M., Kurdahi, F.J. Area and timing estimation for lookup table based FPGAs 73220
Xu, M., Tindall, C.E. Application of induction generator in Islay wave power system 91386
Xu, M. *see* Cutler, P.D. 101204
Xu, M. *see* Deis, G. 106719
Xu, M. *see* Simpson, M.L. 90214
Xu, M. *see* Simpson, M.L. 100938
Xu, M.-F. *see* Leuer, J.A. 106712
Xu, M.G., Alavie, A.T., Maaskant, R., Ohn, M.M. Tunable fibre bandpass filter based on a linearly chirped fibre Bragg grating for wavelength demultiplexing 116018
Xu, M.G. *see* Ohn, M.M. 116027
Xu, M.G. *see* Volanthen, M. 79511
Xu, N. *see* Britton, C.L., Jr. 110617
Xu, N. *see* Wang, Z.L. 85663
Xu, P.-S. *see* Xu, S.-H. 83986
Xu, P.S. *see* Lu, E.D. 83985
Xu, P.S. *see* Lu, E.D. 114943
Xu, Q., Hsu, J.W.P., Fitzgerald, E.A., Kuo, J.M., Xie, Y.H., Silverman, P.J. Influence of Ga vs As prelayers on GaAs/Ge growth morphology 92711
Xu, Q. *see* Jiang, J. 96673
Xu, Q. *see* Ren Jian-Wen 101769
Xu, Q. *see* Zhou Qing-Jie 91474
Xu, R.H. *see* Geng, Z.J. 117812
Xu, S. *see* Trakhtenberg, E. 100431
Xu, S.-H., Lu, E.-D., Yu, X.-J., Pan, H.-B., Zhang, F.-P., Xu, P.-S. Photoemission study of the Sm/Si(100)2×1 interface 83986
Xu, S.H. *see* Lu, E.D. 83985
Xu, S.H. *see* Lu, E.D. 114943
Xu, S.J. *see* Chua, S.J. 83904
Xu, S.J. *see* Luo, C.P. 105319
Xu, T.H. *see* Mignon, H. 110442
Xu, W. Self-consistent subband structure of modulation-doped $Al_xGa_{1-x}As$-GaAs-$Al_xGa_{1-x}As$ double quantum wells 83930
Xu, W., Kaveh, M. Comparative study of the biases of MUSIC-like estimators 86182
Xu, W., Kaveh, M., You, Y. L_p $(1\leqslant p\leqslant\infty)$ blind adaptive deconvolution and its applications 108257
Xu, W., Zhang, C. Resonant absorption of terahertz electromagnetic waves by heated electrons in AlGaAs/GaAs heterostructures 74315
Xu, W. *see* Li, G. 74147
Xu, W.-P. *see* Lirong Zheng 75055
Xu, W.W. *see* Wang, H.B. 75348
Xu, X., Jester, W.A., Daubespeck, T., Basha, H., Miller, J., Pandey, S. Calibration of the new NRC model MD55E BGO nitrogen-16 monitor 80529
Xu, X. *see* Blankespoor, S.C. 101286
Xu, X. *see* Guha, S. 112342
Xu, X.L. *see* Chen, K.Y. 104128
Xu, Y. Object shape determination using incomplete data in a stratified medium 90845
Xu, Y., Adjeroh, D.A., Orji, C.U. Fault avoidance and recovery for distributed multimedia multicast 109246
Xu, Y., Bosisio, R.G. On the solution of general bianisotropic waveguides 76517
Xu, Y., De Graaf, G., Wolffenbuttel, R.F. DSP cross-correlator for use in a thermal flow meter 110436
Xu, Y. *see* Brown, N. 88900
Xu, Y. *see* Kaneko, H. 82556
Xu, Y. *see* Li, B. 81901
Xu, Y. *see* Lips, K. 94409
Xu, Y. *see* Saw, J. 109383
Xu, Y. *see* Uberbacher, E.C. 66873
Xu, Y. *see* Wang, Q. 112372
Xu, Y.Tang *see* Tang Xu, Y.
Xu, Y.Z. *see* Jones, B.K. 94825
Xu, Z., Bundschuh, B., Schwarte, R., Loffeld, O., Klaus, F., Heinol, H. Optimization of precision aspheric lenses for advanced small sensor heads of large numerical aperture 79344
Xu, Z., Heinol, H., Schwarte, R., Loffeld, O., Llein, R., Olk, J. Model of synthetic non-linear modulation and its algorithm for 3D color vision system 117809
Xu, Z. *see* Clem, P.G. 92765
Xu, Z. *see* Fauchet, P.M. 62851
Xu, Z. *see* Heinol, H. 75588
Xu, Z. *see* Heinol, H. 117810
Xu, Z. *see* Randall, K.J. 89635
Xu, Z.M., Packer, J.S., Cade, J.F. A hybrid fuzzy-neural control system for management of mean arterial pressure of seriously ill patients 70168
Xu Anshi *see* Wang Ziyu 119209
Xu Anshi *see* Zhang Kan 88544
Xu Anshi *see* Anshi Xu
Xu Baomin *see* Baomin Xu
Xu Baoquan *see* Baoquan Xu
Xu Bing *see* Bing Xu
Xu Bing-Zhang *see* Wang Xiang-Tai 72871
Xu Bingzhen The effects of the saturable nonlinearity on the soliton propagation in birefringent optical fibers 95699
Xu Bingzhen Effects of higher-order nonlinearity on the soliton propagation in birefringent optical fibers 116694
Xu Bo *see* Ichikawa, F. 106664
Xu Bu-Xin *see* Bu-Xin Xu
Xu Changsheng, Xu Zhenming, Zhou Zhaoying, Sun Xinding, Xu Zhongxin Research on image processing using bidimensional Kalman filtering approach 108461
Xu Chao-Nan *see* Chao-Nan Xu
Xu Chengjie *see* Jia Yirong 64834
Xu Chengzeng *see* Chengzeng Xu
Xu Chuanxiang *see* Wang Hui 64118
Xu Chuck *see* Chuck Xu
Xu Chunguang *see* Chunguang Xu
Xu Danfeng *see* Danfeng Xu
Xu Dao Yi *see* Dao Yi Xu
Xu Daxiong *see* He Huajie 65077
Xu DaXue *see* DaXue Xu
Xu Deming *see* Deming Xu
Xu Dong *see* Fang Qi 85625
Xu Dong *see* Dong Xu
Xu Enqi, Han Zhenxiang Analysis and strategies of developing frame relay service in power system data network in China 90954
Xu Fang *see* Fang Xu
Xu Fuyong *see* Fuyong Xu
Xu Gang *see* Gang Xu
Xu Geng *see* Geng Xu
Xu Guanfeng, Zhu Jianbin, Xiao Bing, Yang Xiaolong, Wang Xiu Investigation of the second-harmonic generation in $LiNbO_3$:Zn+Mg single crystals 65522
Xu Guanghan *see* Guanghan Xu
Xu Guangyou *see* Guangyou Xu
Xu Guijing, Zhang Xiaolan, Wang Yongji, Hou Zhongfeng Two types of mathematical treatment methods for on-cam relationship 81344
Xu Guoqing *see* Guoqing Xu
Xu Guoxiang *see* Guoxiang Xu
Xu Guoyu *see* Gao Feng 70740
Xu Guoyu *see* Sun Hongbo 91071
Xu Guoyu *see* Xie Yongsheng 111528
Xu Guozhong *see* Ma Jing 109596
Xu Heping *see* Hu Jiachun 111890
Xu Hong-Qing *see* Hong-Qing Xu
Xu Hongqi *see* Hongqi Xu
Xu Hongyao, Jiang Minhua, Yu Congxuan, Sun Yunan, Cui Fang Fabrication and measurement of organic waveguide 106818
Xu Hongyao *see* Hongyao Xu
Xu Hua, Cui Baoshun, Zhao Chaokang, Wang Mingda, Zhuo Zhiyun, Chang Fuhua, Cheng Zhimei, Lou Qiaoya The fabrication of X-ray laser germanium film targets 65401
Xu Hua *see* Hua Xu
Xu Huaifang *see* Wang Jiachang 75381
Xu Huapeng *see* Huapeng Xu
Xu Huimin The investigation on calculation method for the grounding distance protection in multi-mutual-inductance lines 111672
Xu Jian Yuan *see* Wang Er Zhi 102902
Xu Jianguo The problem in transcribing high frequency messages of pilot protection and its solution [for power systems] 111670
Xu Jianguo *see* Jianguo Xu
Xu Jianning *see* Jianning Xu
Xu Jie *see* Su Chunguang 98157
Xu Jie *see* Zhang Zhengxian 75926
Xu Jie *see* Zhang Zhengxian 119212
Xu Jie *see* Jie Xu
Xu Jin-Ping *see* Jin-Ping Xu
Xu Jingcheng, Wu Guoyu Features of the database in Zhejiang DTS and its application results [power system control training] 80910
Xu Jingfang *see* Jingfang Xu
Xu Jingjun *see* Chen Xiaobo 65432
Xu Jingjun *see* Jingjun Xu
Xu Jingwei *see* Zhao Jijiu 119972
Xu Jinping Analysis of millimeter wave Gunn harmonic oscillators by a circuit model 93842
Xu Jinyong Change common UPS for long time delay uninterrupted source for power system dispatching and communication 91046
Xu Jishou *see* Jishou Xu
Xu Jiyu *see* Yu Daren 80789
Xu Jiyu *see* Yu Daren 121426
Xu Jun *see* Jun Xu
Xu Jun-ku, Han yue-qiu The study of an ATM switching architecture controlled by neural network 118015
Xu Junming *see* Junming Xu
Xu Juyan *see* Juyan Xu
Xu Kang *see* Kang Xu
Xu Ke-Xi *see* Ke-Xi Xu
Xu Kebin *see* Li Minghua 75404
Xu Kebin *see* Wang Jiachang 75381

Xu Kebin *see* Zhou Zhongxiang 76104
Xu Kexi *see* Kexi Xu
Xu Kezun *see* Pang Wenning 69822
Xu Lei *see* HuaiJian Ma 100356
Xu Leping *see* Wang Keming 61525
Xu Li-Hong *see* Li-Hong Xu
Xu Liang, Wu Zhensen, Wang Wenbing Synthesis of fractal patterns from concentric-ring arrays 117084
Xu Lin *see* Lin Xu
Xu Lixing *see* Yang Yukan 103857
Xu Longya *see* Longya Xu
Xu Lulin Principle and practice of a static DC micro-strainometer in material mechanics 100341
Xu Meina *see* Meina Xu
Xu Minfeng *see* Minfeng Xu
Xu Ming *see* Wang Hong 61543
Xu Minghou, Yuan Jianwei, Ding Shifa, Cao Handing Numerical simulation on gas temperature deviation in a coal fired 1025 t/h boiler 121362
Xu Minghui *see* Minghui Xu
Xu Mingwei *see* Hao Ruibing 98489
Xu Mingzhen *see* Chen Zhiyun 84607
Xu Mingzhen *see* Liu Xiaowei 84041
Xu Mingzhen *see* Mingzhen Xu
Xu Mingzhou *see* Mingzhou Xu
Xu Naiguan *see* Li Xiaohan 70939
Xu Pei Yuan Dual band 90 degree offset parabolic reflector antenna 76585
Xu Pei-Xia, Qing Wu, Dai Xu-Chu Token-passing linear dynamic quota function and its quality 118511
Xu Pengshou *see* Pengshou Xu
Xu Qian, Gao Guoning Management system software of Zhejiang electric power market 91044
Xu Qianjun *see* Yu Shouwen 106291
Xu Qiuxia, Li Weining, Wang Suofa, Cai Shumin, Zhao Yuyin, Li Lihua Investigation on low voltage nanometer sealed vacuum microelectron diode arrays 83751
Xu Qiyang, Yang Jun, Zhu Xiao, Yang Kecheng, Xie Mingjie, Li Zaiguang Echo signals preprocessing by gain control for airborne laser bathometry 120830
Xu Qiyang *see* Wang Xinbing 106842
Xu Renwu Several problems need to solve in practice of power load monitoring 121256
Xu Rongqing *see* Wang Guolin 119317
Xu Sanbao *see* Sanbao Xu
Xu Senlu *see* Jing Xiaofeng 95681
Xu Shanjia, Du Kai Network representation and transverse resonance for layered chirowaveguides 97263
Xu Shanjia *see* Shanjia Xu
Xu Shao-hong *see* Zhang Zhi-lin 85306
Xu Shen *see* Shen Xu
Xu Shihong *see* Shihong Xu
Xu Shiming *see* Tao Xiaonong 81637
Xu Shiyi *see* Shiyi Xu
Xu Shouyi, Wang Chengyi, Shu Chang Improved labeling region calculation area and tabling line following methods with applications to recognition of buried pipe object 87095
Xu Shugong *see* Shugong Xu
Xu Taishan, Xue Y, Han Zhenxiang A survey on voltage stability analysis methods 111452
Xu Taishan, Xue Y, Han Zhenxiang Quantitative analysis for transient voltage instability caused by induction motors 111456
Xu Tian-Bing *see* Tian-Bing Xu
Xu W-Ping *see* W-Ping Xu
Xu Wei *see* Liu Yulan 80908
Xu Wei-Wei *see* Wei-Wei Xu
Xu Weiqing *see* Deng Jingchuan 79235
Xu Weixuan *see* Weixuan Xu
Xu Weiyong *see* Wu Jianfan 98060
Xu Wen, Wang Dazhong, Zhou Zecun, Li Yiming Application of fuzzy model identification on fault diagnosis of power equipment 81378
Xu Wen-cheng *see* Liu Jun-min 85662
Xu Wencheng *see* Wencheng Xu
Xu Wenlan *see* Wenlan Xu
Xu Wenyuan *see* Yu Zhenrui 112403
Xu Wenyuan *see* Wenyuan Xu
Xu Xiang-Shao *see* Xiang-Shao Xu
Xu Xiaobin *see* Xiaobin Xu
Xu Xiaohao, Zhou Lanbo, Hu Minghua Application of the neural network controller in the integrated fire/flight control system 101485
Xu Xiaohao *see* Hu Minghua 101492
Xu Xiaojian *see* Fan Zhengfang 78981
Xu Xiaojian *see* Xiaojian Xu
Xu Xiaoming *see* Tie Jincheng 108303
Xu Xiaoming *see* Xiong Gang 103386
Xu Xiaoming *see* Xiaoming Xu
Xu Xibin, Luo Yue, Zhao Ming, Yao Yan, Liu Xuming A new timing recovery method applied in band-limited multi-level QAM system 117934
Xu Xibin *see* Zhao Ming 118814
Xu Xibin *see* Zhao Ming 119048
Xu Xin-Ping *see* Bai Xue-Sheng 86668
Xu Xin-Wei *see* Xin-Wei Xu
Xu Xingshao *see* Lai Tianshu 65174
Xu Xixiang *see* Xixiang Xu
Xu Xiyou Preventive treatment and analysis of the flashover on porcelain bushing of 500 kV substation equipments in rain 91695
Xu Xuchang *see* Sun Baomin 121360
Xu Yan *see* Yan Xu
Xu Yanchu *see* Yanchu Xu
Xu Yang *see* Yang Xu
Xu Yansheng *see* Yansheng Xu
Xu Yi *see* Miao Lijie 102634
Xu Yi *see* Tang Renyuan 102642
Xu Yigang, Wang Yuelin, Zeng Linghai, Ding Chun Study of P-N junction etch-stop by four-electrode system 84180
Xu Yigang *see* Yigang Xu
Xu Ying On main technical specifications of gapless MOA for protecting rotating machine directly connected to distribution line 81163
Xu Ying Determination of continuous operation voltage for gapless MOA used in 3~66 kV power system 91230
Xu Ying *see* Li Biao 112389
Xu Ying *see* Mao Dali 104889
Xu Ying *see* Sun Xihua 70875
Xu Yong, Liu Qingxiang, Zhou Chuanming Three-dimensional nonlinear simulation of FEL with a reversed guide magnetic field 107367
Xu Yongming, Zhang Xiaopin, Ye Peida Asynchronous mapping of 2.048 Mbit/s tributary into SDH VC-12 118009
Xu You *see* You Xu
Xu Youfang High efficacy EMS for large power system 70742
Xu Yousen *see* Zhou Wenzhen 107033
Xu Yu *see* Yu Xu
Xu Yuesheng *see* Li Yangxian 62688
Xu Yuesheng *see* Yuesheng Xu
Xu Yuheng *see* Li Minghua 75404
Xu Zhang *see* Zhang Xu
Xu Zhaopeng Methane/hydrogen-based reactive ion etching of InP 63288
Xu Zhenghe *see* Zhenghe Xu
Xu Zhengshan, Huang Minghus, Zhang Liyun, Jiang Xiaorong, Li Yunping The management system software for checking frequency quality of North China power network 111695
Xu Zhengshan, Shi Yuheng, Liu Tiezheng A brief description of electric energy tariffing system in North China Power System 121046
Xu Zhengwei, Wu Chengke Planar curves segmentation by perspective invariance points 86325
Xu Zhengxin *see* Lin Gongping 91047
Xu Zhengxiong, Zhang Wentao, Wang Gang, Guo Jianyu Application of phase-shifter for power flow control of parallel transmission lines 81074
Xu Zhenming *see* Xu Changsheng 108461
Xu Zhenyu *see* Liu Zhaoxu 111519
Xu Zhi-Zhan *see* Zhi-Zhan Xu
Xu Zhiwei *see* Zhiwei Xu
Xu Zhizhan *see* Li Chuandong 75870
Xu Zhizhi *see* Jiang Jianping 84505
Xu Zhongxin *see* Xu Changsheng 108461
Xu Zhou, Hu Kesong, Liu Xisan, Huang Sunren Research on back bombardment of electrons in thermionic RF-gun 116573
Xu Zicai *see* Zicai Xu
Xu Zizong *see* Chen Hongfang 80009
Xu Zizong *see* Han Jiaxiang 69808
Xu Zuyan *see* Zuyan Xu
Xu-Chu Dai *see* Dai Xu-Chu
Xu-Dong Liu, Osher, S. Nonoscillatory high order accurate self-similar maximum principle satisfying shock capturing schemes. I 61039
Xu-guang Huang *see* Wei-liang Li 62748
Xu-Ming Wang *see* Bussjager, R. 116105
Xu-Ming Wang *see* Qi Wang Song 85092
Xu-Ning Shan *see* Lall, P. 60601
Xuam Xiangxin *see* Wang Zili 81643
Xuan, J., Ga-Lane Chen, Nguyen, T. Effects of laser-induced discrete texture parameters on optimization of head-disk-interface tribology 115756
Xuan, Li. *see* Casagrande, F. 69845
Xuan, Q.Y., Aggarwal, R.K., Johns, A.T. Counterpropagation network based fault classification for double-circuit lines 121149
Xuan, Q.Y., Aggarwal, R.K., Johns, A.T., Dunn, R.W. AI based adaptive protection scheme for double-circuit lines 102143
Xuan, Q.Y., Song, Y.H., Johns, A.T., Morgan, R., Williams, D. Performance of an adaptive protection scheme for series compensated EHV transmission systems using neural networks 91213
Xuan, Q.Y., Song, Y.H., Johns, A.T., Morgan, R., Williams, D. Integrated adaptive protection and control for series compensated transmission systems using neural networks 102039
Xuan, Q.Y. *see* Song, Y.H. 70841
Xuan, Q.Y. *see* Song, Y.H. 102142
Xuan Guorong *see* Wu Chengdong 98194
Xuan Jianhua *see* Jianhua Xuan
Xuan Kong *see* Prahlad, M. 70152
Xuan Ngia Nguyen *see* Nguyen Xuan Ngia
Xuan Rongwei *see* Zhou Shuquan 75556
Xuan Wan *see* Wan Xuan
Xuan Wang *see* Wang Xuan
Xuan-Dai Do *see* Belhadj, C. 70736
Xuan-Dai Do *see* Kandil, N. 101714
Xuan-Ming Duan, Okada, S., Oikawa, H., Matsuda, H., Nakanishi, H. Comparatively large second-order hyperpolarizabilities of aromatic ions with short cutoff wavelength 85592
Xuanhui Lu, Guoyun Ru, Qiang Lin, Shaomin Wang Analysis of the properties of self compensation for thermal distortion in a Eckige-Schraube laser 85406
Xuanxiong Lin *see* Lin Xuanxiong
Xuchang Xu *see* Xu Xuchang
Xudong, Z., Wuzhu, C., Jialie, R., Yong, W., Guoqing, H., Hongjun, Z. Effects of processing parameters on mode and stability of laser welding 107654
Xudong Guan, Xiaoyan Liu, Ruqi Han A polysilicon TFT model for circuit simulation 84456
Xudong Guan *see* Guan Xudong
Xudong Xiao *see* Zhenghao Chen 105533
Xudong Zhang *see* Zhang Xudong
XuDuan Lin, KyungHi Chang, JaeSeok Kim Modulatable orthogonal sequences and the corresponding CDMA systems 77691
XuDuan Lin *see* KyungHi Chang 78442
Xue, D., Zhu, Y., Zhu, G., Xiong, Y. Recognition of low-contrast FLIR tank object based on multiscale fractal character vector 90894
Xue, D., Zhu, Y., Zhu, G., Zhang, Z., Xiong, Y. Edge detection based on scale fractal dimension 86552
Xue, D. *see* Zhang, Z. 86546
Xue, D.-H. *see* Xiong, Y. 108655
Xue, D.-H. *see* Xiong, Y. 108656
Xue, G. *see* Lee, N.-E. 92707
Xue, J.S. *see* Wilson, A.M. 112300
Xue, Q. *see* Gao, H.J. 61426
Xue, S., Du, M., Kabakoff, S.E., Kryder, M.H. Exchange and magnetostatic coupling in multilayer rare earth transition metal thin films 115616
Xue, T., Lord, W., Udpa, S. Numerical analysis of the radiated fields of ultrasonic transducers 70557
Xue, T. *see* Masri, W. 111391
Xue, Y.Y. *see* Meng, R.L. 75302
Xue, Z.Q. *see* Liu, Y.W. 90115
Xue, Z.Q. *see* Wang, K.Z. 95963
Xue Bingyuan *see* Li Xiaoqian 92331
Xue Cheng-Cheng *see* Cheng-Cheng Xue
Xue Dong Yang, Minqing Xing, Ghavamnia, M.H. A comparative study of multi-resolution image models 77454
Xue Dongfeng, Zhang Siyuan Nonlinearity of the complex crystals with O–H bond 95278
Xue Donghui, Zhu Yaoting, Zhu Guangxi, Song Qi, Xiong Yan The study on the detection of tank target in low contrast FLIR image 98324
Xue Dou Shi *see* Shi Xue Dou
Xue Fang *see* Yen-Wei Chen 108625
Xue Fangshi Computer simulation for heterostructure intervalley transferred electron devices 63540
Xue Fangshi, Deng Yanmao, Zhang Chongren Microwave oscillation of GaAs/AlAs heterostructure intervalley transferred electron devices 62233
Xue Fangshi, Deng Yanmao, Zhang Chongren Microwave oscillation of GaAs/AlAs heterostructure intervalley transferred electron devices 62285
Xue Fangshi *see* Fangshi Xue
Xue Gi *see* Gi Xue
Xue Guo-Qiang *see* Guo-Qiang Xue
Xue Guoqing *see* Guoqing Xue
Xue Hongxi *see* Hongxi Xue
Xue Huaiguo *see* Huaiguo Xue
Xue Jian, Yuan Baozong Symmetry in the Gabor expansion 92422
Xue Kefu *see* Kefu Xue
Xue Li, Ammar, M.H. Bandwidth control for replicated-stream multicast video distribution 109244
Xue Li *see* Shun Yan Cheung 87952
Xue Mei Li, Bo Liu, Bo Deng, Shi Ming Zhang Normal six-degree-of-freedom motions of knee joint during level walking 80183
Xue Mingqiu *see* Gao Wanrong 100354
Xue Minzhao *see* Liu Zugang 64950
Xue Qiang *see* Qiang Xue
Xue Shanhua *see* Shanhua Xue
Xue Shaolin, Lou Qihong Effects of group-velocity dispersion on the evolution of optical pulses in a mode-locked laser using a single SHG crystal 75873
Xue Tianxiong *see* Tianxiong Xue
Xue Wei *see* Murai, K. 88748
Xue Y *see* Xu Taishan 111452
Xue Y *see* Xu Taishan 111456
Xue Yao-Guo *see* Yao-Guo Xue
Xue Yong *see* Yong Xue
Xue Yusheng *see* Chen Yonghong 70739
Xue Yusheng *see* Yu Yijun 80770
Xue Yusheng *see* Yu Yijun 80803
Xue Zengquan *see* Liu Yanwen 73921
Xue Zhenghui, Liu Yongshan, Li Desheng, Wang Kun Analysis of a cavity used for medical purposes with the dyadic Green's Functions and the moment method 97220
Xue Zhichun *see* Zhang Enguan 114530
Xue-bin Liang, Li-de Wu A simple and robust algorithm for 3D multimotion segmentation and estimation from point correspondences 87043
Xue-Feng Yu *see* Yu Xue-Feng
Xue-kun Lu *see* Yong Gao 64807
Xue-Lun Wang *see* Komori, K. 72810
Xue-Sheng Bai *see* Bai Xue-Sheng
Xue-yin Jiang *see* Jiang Xue-yin
Xuecang Geng *see* Zhang, Q.M. 106354
Xuechu Shen *see* Shen Xuechu
Xuechuan Shan, Yokohama, M., Adachi, H., Yanagisawa, K. A micro photoforming-sintering process for manufacturing stereo micro structures with ceramic or metal powders 115377
Xuedong Yue *see* Yue Xuedong
Xuedong Zhan *see* Fildes, J.M. 82807
Xuedong Zhao *see* Zhao Xuedong

Xuefan Zheng *see* Zheng Xuefan
Xuefei Tang, Van der Ziel, J.P., Chin, A.K. Characterization of the array modes of high-power gain-guided GaAs single-quantum-well laser arrays 96285
Xuefeng Huang *see* Robertson, E.E. 64781
Xuegang Zeng *see* Zeng Xuegang
Xuegen Zhao *see* Jinghua Wang 64248
Xuegen Zhao *see* Jinghua Wang 64249
Xuehua Wu *see* Ching-Hui Chen 105380
Xuejia Lai, Rueppel, R.A. Attacks on the HKM/HFX cryptosystem 66498
Xuejun Chen *see* Chen Xuejun
Xuejun Kang *see* Kang Xuejun
Xuejun Sha *see* Sha Xuejun
Xuejun Zhang Two-level Schwarz methods for the biharmonic problem discretized by conforming C^1 elements 61107
Xuekun Lu, Zuimin Jiang, Haijun Zhu, Xiangjiu Zhang, Xun Wang Observation of boron doping induced surface roughening in silicon molecular beam epitaxy 72755
Xuekun Lu *see* Lu Xuekun
Xueli Zhang *see* Labonte, C.E. 118554
Xueliang Huang *see* Huang Xueliang
Xuelong Cao *see* Jackson, H.E. 62919
Xuelong Zhu *see* Jiangtao Wen 86251
Xuelong Zhu *see* Jiangtao Wen 87233
Xuemei Xi *see* Xing Zhang 84578
Xuemei Xi *see* Xi Xuemei
Xuemei Zhang *see* Liu, W.K. 82692
Xuemin Cheng *see* Cheng Xuemin
Xuemin Gai *see* Gai Xuemin
Xuemin Hu *see* Hu Xuemin
Xuening Li *see* Li Xuening
Xueqin Shen *see* Shen Xueqin
Xueqing Chen *see* Chen Xueqing
Xueqing Cheng *see* Hongfa Luan 84073
Xueqing Zhao *see* Zhao Xueqing
Xuerong Yong On the distribution of eigenvalues of graphs 103651
Xuewen Gan, Walton, A.J. A comparison of direct Monte-Carlo and DOE simulations for optimising IC processes 84555
Xuewen Li *see* Li Xuewen
Xuewen Ni *see* Lichun Zhang 95170
Xuexia Zhang *see* Tiejun Yu 95622
Xuexian Chen *see* Chen Xuexian
Xueyan Chen *see* Chen Xueyan
Xueyan Liu *see* Liu Xueyan
Xueyin Jiang *see* Jiang Xueyin
Xueyin Lin, Jianchao Zeng, Qixiang Yao Optimal sensor planning with minimal cost for 3D object recognition using sparse structured light images 86781
Xueyin Lin, Zhigang Zhu, Wen Deng A stereo matching algorithm based on shape similarity for indoor environment model building 77530
Xueying Fei *see* Fei Xueying
Xueyuan Zhang, Bo Pan, Xionglian Liang Routing models for service performance analysis 118167
Xueyun Chen *see* Chen Xueyun
Xuezhen Zhang *see* Zhang Xuezhen
Xuezhi Tan *see* Tan Xuezhi
Xuezhong Jiang, Yunqi Liu, Xinqi Song, Daoben Zhu Multilayer organic light-emitting diodes 75767
Xufei Liu, Haralick, R.M., Bedekar, A. Optimization methods for estimating 3D object parameters 77316
Xufei Liu *see* Thornton, K. 67485
Xuguang Yang, Ramchandran, K. Morphological motion field representation for region-based image sequence coding 86724
Xuhong Wu *see* Wu Xuhong
Xuhua Yang *see* Yang Xuhua
Xuhui Wen, Ruoping Yao, Tegopoulos, J.A. Calculation of forces on the stator end windings of turbogenerator by the transient quasi-3D method 71287
Xuhui Xiao *see* Xiao Xuhui
Xujian Chen *see* Chen Xujian
Xujun Zheng *see* Zheng Xujun
Xuming Ding *see* Ding Xuming
Xuming Liu *see* Liu Xuming
Xun Hou *see* Hou Xun
Xun Li *see* Li Xun
Xun Qu, Macleod, I., Hong Jiang A practical method for achieving portable communications in the Internet context 78527
Xun Sun *see* Sun Xun
Xun Wang, Huang, D.M., Hao, P.H., Zhang, F.L., Yu, M.R., Hou, X.Y. Pinning of photoluminescence peaks and size quantized effect of porous silicon 63301
Xun Wang, Xiaoyuan Hou, Zheshen Li, Xunming Ding, Xiying Chen, Xianan Cao Newly developed passivation of GaAs surfaces and devices 84198
Xun Wang *see* Jian-Hong Zhu 94551
Xun Wang *see* Shiyou Zhao 63571
Xun Wang *see* Xiaoyuan Hou 105649
Xun Wang *see* Xuekun Lu 72755
Xun Wang *see* Yong Gao 64807
Xun Wang *see* Wang Xun
Xun Yang, Krauter, B., Pileggi, L.T. Combined ac and transient power distribution analysis 115342
Xun Yi *see* Yi Xun
Xunchun Li, Mengzhen Chen, Tianchun Ye, Yuling Wang, Baoyin Sun, Runmei Wang, Changqing Xie, Zhengya Cao, Zhangzhen Zhu Metal side-wall pattern with a supporter for X-ray mask 94855
Xunchun Ye *see* Ye Xunchun
Xunliang Ding *see* Ding Xunliang
Xunmin Ding *see* Xiaoyuan Hou 105649
Xunmin Ding *see* Ding Xunmin
Xunming Ding *see* Xun Wang 84198
Xunwei Wu *see* Wu Xunwei
Xunwei Zhou *see* Hengchun Mao 121608
Xunwei Zhou *see* Qiong Li 121579
Xunying Shan *see* Haosheng Fei 116676
Xuong Nguyen-Huu *see* Nguyen-Huu Xuong
Xusheng Chen A three-phase multi-legged transformer model in ATP using the directly-formed inverse inductance matrix 91600
Xusheng Wang *see* Wang Xusheng
Xuyang Li *see* Wang, K.C.P. 67906
Xydeas, C.S., Cong, L. Combining neural network classification with fuzzy vector quantization and hidden Markov models for robust isolated word speech recognition 66564
Xydeas, C.S., Lin Gong Robust speech recognition using fuzzy matrix quantisation and neural networks 117280
Xydeas, C.S. *see* Oakley, J.P. 67000
Xypteras, J. *see* Mademlis, C. 71276

Y. David Yang Hung *see* Hung Y. David Yang
y Diaz, F.Diaz *see* Diaz y Diaz, F.
Y K L Yu Wai Man *see* Yu Wai Man Y K L
Y. Lin Ting-Ting *see* Ting-Ting Y. Lin
Y Xue *see* Xue Y
Ya Xiao-Guang *see* Xiao-Guang Ya
Ya-Dong Wang *see* Shi-Ming Zhou 84811
Ya-Dong Wei *see* Wei Ya-Dong
Ya-Dong Wu *see* Hsu-Chih Wang 108266
Ya-Dong Zhang *see* Isoshima, T. 85586
Ya-Hsiang Tai, Su, F.C., Feng, M.S., Cheng, H.C. Process-related instability mechanisms for the hydrogenated amorphous silicon thin film transistors 94962
Ya-Ku Sun *see* Kwang-Cheng Chen 108855
Ya-Lin Lu, Yan-Qing Lu, Jian-Jun Zheng, Cheng-Cheng Xue, Xiang-Fei Cheng, Gui-Peng Luo, Nai-Ben Ming Efficient continuous wave blue light generation in optical superlattice $LiNbO_3$ by direct frequency doubling a 978 nm InGaAs diode laser 107585
Ya-Lin Lu *see* Xiang-Fei Chen 96621
Ya-Qiu Jin, Xingzhong Huang Numerical T-matrix solution for polarized scattering from a cluster of spatially oriented, nonspherical scatterers 76403
Ya-Qiu Jin, Xingzhong Huang Effective permittivity of anisotropic composite material of dense nonspherical particles and conductivity transition 95245
Yaacob, M., Abubakr, I. A built-in self-testing bit slice microprocessor 73465
Yaacob, M. *see* Bakar, Z.A. 97453
Yaacob, M.M., Siew, W.H., Chalmers, I.D. A versatile multiple stroke lightning impulse generator 112070
Yaacob, N.B. *see* Sanugi, B.B. 72689
Yaakub, A.R. *see* Evans, D.J. 72688
Yaakub, A.R. *see* Evans, D.J. 72691
Yabe, A. *see* Niino, H. 92967
Yabe, H. *see* Suzuki, H. 116895
Yabe, M. *see* Shinoda, M. 109934
Yabe, T. *see* Elsadek, H. 96845
Yabe, Y., Kimura, T., Aimoto, Y., Heiuchi, H., Nakazawa, Y., Koga, T., Fujita, Y., Hamada, M., Tanigawa, T., Nobusawa, H., Koyama, K. Control and synchronization scheme for parallel image processing RAM with 128 processor elements and 16-Mb DRAM 113980
Yabe, Y. *see* Aimoto, Y. 73442
Yablokov, V.I. The principles of radiooptic holography 107617
Yablonovitch, E. *see* Lam, C.F. 88628
Yablonovitch, E. *see* Wei Chang 75765
Yabre, G. Nonlinear distortion of a three-tone modulated laser diode followed by an interferometer 107470
Yabre, G. Interferometric conversion of laser chirp to IM: effect of the interferometer free spectral range on the output nonlinear distortion 109660
Yabre, G. Effect of relatively strong light injection on the chirp-to-power ratio and the 3 dB bandwidth of directly modulated semiconductor lasers 116511
Yabre, G. Improved direct-modulation characteristics of a semiconductor laser by FM/IM conversion through an interferometer 119185
Yabre, G. *see* Le Bihan, J. 96394
Yabu, T., Sawa, S., Geshiro, M. Measurement of refractive index distribution of optical waveguides by the propagation-mode near-field method employing an improved inverse analysis 85067
Yabu, T. *see* Ohzone, T. 115358
Yabu-uti, J.B.T. *see* Flores, E.L. 87232
Yabuhara, Y., Oida, K., Hosokawa, Y., Nakai, R., Aoyagi, K., Iguchi, Y., Iwasaki, T. High quality InP substrates grown by the VCZ method 92676
Yabuki, H., Matsuo, M., Sagawa, M., Makimoto, M. Stripline dual-mode ring resonators and their application to microwave devices 104786
Yabuki, H., Sagawa, M., Matsuo, M., Makimoto, M. Stripline dual-mode ring resonators and their application to microwave devices 62173
Yabumoto, M. *see* Mizokami, M. 112050
Yabumoto, N. Extreme trace analysis for clean process of LSI fabrication 63848
Yabumoto, N. Extreme trace analysis for clean process of LSI fabrication 115300
Yabumoto, Y., Katayama, M., Yamazato, T., Ogawa, A. A differential positioning scheme with a single satellite to be incorporated into mobile communications 68342
Yabune, T. *see* Messoussi, R. 63340
Yabune, T. *see* Ohmi, T. 63408
Yabuno, R. *see* Kojima, T. 106439
Yabusaki, M. *see* Uchiyama, Y. 68242
Yabusaki, M. *see* Yamagata, K. 68204
Yabuuchi, Y. *see* Ishibashi, A. 72777
Yabuuchi, Y. *see* Otsuka, N. 65221
Yabuzaki, T. *see* Daigo, M. 120105
Yacamini, R. Power system harmonics. IV. Interharmonics 111434
Yacamini, R. *see* Chang, S.C. 71324
Yacamini, R. *see* Ran, L. 71799
Yaccarino, R.G., Williams, L.I., Rahmat-Samii, Y. Linear spiral sampling for the bipolar planar near-field antenna measurement technique 85998
Yachi, M., Ono, M. The third overtone resonator using 36° rotated Y cut $LiNbO_3$ crystal 106402
Yachi, S. *see* Takahashi, S. 89393
Yachi, T. *see* Matsumoto, S. 63657
Yachi, T. *see* Mino, M. 61613
Yachida, K. *see* Ohtsuka, K. 101836
Yachida, M. *see* Hua Yu 86824
Yachida, M. *see* Kimura, S. 87132
Yachida, M. *see* Wu, H. 87129
Yachida, M. *see* Wu, H. 117906
Yachida, M. *see* Yamazawa, K. 69321
Yachik, T.R., Gilfillan, L. User-centered evaluation (UCE) methods and metrics 77140
Yachin, V.V. *see* Khizhnyak, N.A. 85836
Yacoby, A., Heiblum, M., Mahalu, D., Shtrikman, H. Coherence and phase sensitive measurements in a quantum dot 62977
Yacoob, Y., Davis, L.S. Recognizing human facial expressions 77303
Yacoob, Y. *see* Horprasert, T. 117900
Yacoob, Y. *see* Rosenblum, M. 108489
Yacoubi, A. *see* Lelaurin, L. 66967
Yada, H. Clock jitter in a servo-derived clocking scheme for magnetic disk drives 84832
Yada, H., Takeda, T. A coherent maximum likelihood head position estimator for PERM disk drives 64417
Yada, T. *see* Sakata, M. 75034
Yada, T. *see* Totani, H. 89098
Yada, T. *see* Wakabayashi, S. 74923
Yadaiah, N. *see* Ray, G. 101824
Yadav, G. *see* Dongre, C. 106802
Yadav, K.S., Tyagi, M.S., Kumar, J. Temperature and field dependence of electron mobility in n-channel MOS transistors 106008
Yadav, K.S. *see* Tyagi, S. 106006
Yadav, R. *see* Sung-Yong Park 109100
Yadav, S.L., Saha, P.K., Panwar, L. Floor reaction orthosis: an alternative device for quadriceps paresis 110938
Yadav, V.S. *see* Arumugam, G. 119098
Yadava, Y.P. *see* Hummelgen, I.A. 64969
Yadavalli, V.S.S. *see* Singh, N. 60711
Yadid-Pecht, O., Clark, C., Pain, B., Staller, C., Fossum, E. Wide dynamic range APS star tracker [CMOS image sensor] 100125
Yadin, E. A performance evaluation model for a two port interferometer SAR-MTI 109786
Yadon, L. *see* Auciello, O. 74015
Yadon, L. *see* Goodwin-Johansson, S. 74981
Yadon, L. *see* Palmer, D. 62571
Yadon, L. *see* Palmer, D. 105051
Yadon, L.N., Temple, D., Ball, C.A., Palmer, W.D., Mancusi, J.E., Vellenga, D., McGuire, G.E., Tang, C.M., Gray, H.F., Shaw, J.L. Pre- and post-metal oxidation sharpening effects on silicon field emitter devices 74016
Yadon, L.N. *see* Cha-Mei Tang 73995
Yadong Zhang, Liming Wang, Wada, T., Sasabe, H. Molecular design of novel main-chain biscarbazolyl polymers for nonlinear optics 76164
Yadong Zhang *see* Wada, T. 84934
Yadukumar, K. *see* Ravikumar, A.R. 112139
Yadvish, R.D. *see* Morton, P.A. 65369
Yadvish, R.D. *see* Morton, P.A. 107235
Yadvish, R.D. *see* Park, Y.K. 99577
Yaegashi, M. *see* Hattori, T. 110288
Yaegashi, Y. *see* Fukushima, K. 91774
Yaesh, I., Shaked, U. Design of linear tracking filters via robust H_2 optimization 66787
Yaezaki, S. *see* Takano, Y. 102931
Yafei Zhang *see* Wenjun Zhang 74122
Yafei Zhang *see* Zhang Yafei
Yaffe, H.H. *see* Li, Y.P. 78691
Yaffe, M.J. *see* Byng, J.W. 69957
Yaffe, M.J. *see* Fahrig, R. 80208
Yagasaki, E. *see* Sasaki, H. 81767
Yagawa, G. *see* Joon-Seong Lee 95224
Yagel, R. *see* Fowler, J.E. 66560

Yager, R.R., Rybalov, A. Uni-norms: a unification of t-norms and t-conorms 92448
Yager, T. Windows NT 4.0 and PPP 109127
Yaghjian, A.D. Sampling criteria for resonant antennas and scatterers 76546
Yaghjian, A.D., Woodworth, M.B. Sampling in plane-polar coordinates 66014
Yagi, A. *see* Okamoto, T. 105985
Yagi, D. *see* Murakawa, I. 67718
Yagi, I. *see* Kaneko, S. 92787
Yagi, K., Matsui, M., Uchida, F., Tokunaga, T. Quantitative analysis of etching damage in the highly-selective oxide etching 105675
Yagi, K., Onuki, H. Modified polarizing undulator for measurements of linear and circular dichroisms 89634
Yagi, K. *see* Bessho, Y. 65252
Yagi, K. *see* Minoda, H. 82707
Yagi, K. *see* Nagasawa, H. 105217
Yagi, K. *see* Yuri, M. 89633
Yagi, M., Nagano, M., Sakurai, S. Feasibility study on ABWR full MOX core 81279
Yagi, M. *see* Takajo, M. 64198
Yagi, N. *see* Enami, K. 79130
Yagi, N. *see* Hayashi, M. 109882
Yagi, N. *see* Sumiyoshi, H. 109881
Yagi, R., Yamaguchi, T., Kobayashi, S.-I. Edge effect in two-dimensional network of small Josephson junctions 106681
Yagi, R. *see* Hattori, H. 76280
Yagi, S. *see* Kimizuka, K. 90305
Yagi, S. *see* Shikano, K. 82792
Yagi, T. *see* Hamaya, N. 90247
Yagi, T. *see* Nagashima, H. 73383
Yagi, T. *see* Yoshida, K. 95677
Yagi, T. *see* Yoshida, K. 106783
Yagi, T. *see* Zhang, Z. 65115
Yagi, Y. *see* Elsayed, A.M. 109178
Yagi, Y. *see* Elsayed, A.M. 111017
Yagi, Y. *see* Ji, H. 71346
Yagi, Y. *see* Tanaka, H. 83329
Yagi, Y. *see* Yamazawa, K. 69321
Yaginuma, M. *see* Shirota, K. 85589
Yaginuma, Y., Sakauchi, M. A proposal of the synchronization method between drama image, sound and scenario document using DP matching 67433
Yaginuma, Y. *see* Kimoto, T. 66555
Yagisawa, T. *see* Isaka, S. 112048
Yagiura, T. *see* Nakaji, K. 71694
Yagle, A.E. *see* Sahiner, B. 120288
Yaglom, A.M. *see* Bassalygo, L.A. 117123
Yagoub, M.C.E., Baudrand, H. Efficient approach to optimum nonlinear circuit analysis 61580
Yagoub, M.C.E., Chouai, S., Baudrand, H., Neto, A.D.D. Prediction of optimum large-signal microwave MESFET efficiency in multiplication and power amplification 93830
Yagoubov, P. *see* Semenov, A.D. 84907
Yaguchi, H. *see* Ishitani, Y. 114766
Yaguchi, H. *see* Usami, N. 74357
Yagyu, H. *see* Jiang, N. 94233
Yagyu, I. *see* Won, J.H. 61374
Yagyu, M., Nishihara, A., Fujii, N. Fast FIR digital filter structures using minimal number of adders and its application to filter design 114115
Yagyu, M., Nishihara, A., Fujii, N. Minimization of adders in fast FIR digital filters and its application to filter design 114137
Yah, C.P. *see* Hu, K.X. 83595
Yah Zhang, Mingyan Yu, Yizheng Ye A new retiming algorithm for cycle-time minimization in synchronous logic synthesis 83097
Yahagi, S. *see* Kato, T. 64196
Yahagi, T., Cao, J., Lu, J. A design method for parallel nonlinear adaptive digital digital filters using neural networks 77025
Yahagi, T., Soeda, Y. Estimation of glottal waves based on nonminimum phase models 86138
Yahagi, T. *see* Hasan, M.K. 76907
Yahagi, T. *see* Jianming Lu 91551
Yahagi, T. *see* Jianting Cao 62029
Yahara, A. *see* Nagaya, S. 82822
Yahara, M. *see* Sasaki, H. 83277
Yahata, A., Atsuta, M. Transient voltage-induced leakage current in power diode with semi-insulating polycrystalline silicon resistive field plate 74688
Yahata, H. Hybrid clock synchronization: the condition for existence of steady-state in a mesh network 109018
Yahata, H. Hybrid clock synchronization: condition for the existence of steady state in a ring network 118335
Yahata, K. *see* Yamanoi, Y. 90050
Yahata, R. *see* Kikuchi, Y. 115823
Yahata, Y., Ohta, M., Izumi, M., Fukunaga, K. Position and pose estimation of an object using nonlinear least squares method and genetic algorithm 87104
Yahisa, Y. *see* Kimoto, K. 64189
Yahisa, Y. *see* Matsuda, Y. 64453
Yahoui, H., Grellet, G. Detection of an end-ring fault in asynchronous machines by spectrum analysis of the observed electromagnetic torque 71293
Yahoui, H., Grellet, G. Measurement of physical signals in rotating part of electrical machine by means of optical fibre transmission 111940
Yaicharoen, A., Acton, S.T. A hybridized edge preservation coefficient for anisotropic diffusion 86931
Yaita, M. *see* Shimizu, N. 103402
Yaji, T., Tsukamoto, H., Nakagawa, Y., Ohtani, F., Kobayashi, S., Tsuchiya, R. Preparation of AlN and GaN thin films by reactive ion beam sputtering and optical properties 104169
Yaji, T. *see* Kozuka, T. 111635
Yajie Yang *see* Kuo, S.M. 97662
Yajima, A. *see* Kobayashi, S. 63429
Yajima, H., Wakiwaka, H., Senoh, S., Oda, J., Yamada, H. Optimum design of thin linear DC motor with long strokes 81485
Yajima, H. *see* Otobe, M. 92874
Yajima, K. *see* Karashima, A. 61930
Yajima, K. *see* Nishio, H. 106626
Yajima, K. *see* Sasaki, H. 63772
Yajima, M. *see* Nakajima, T. 91661
Yajima, M. *see* Tanaka, S. 83532
Yajima, Y., Takahashi, Y., Kuroda, K. Electron phase counting micromagnetometry using a differential phase contrast/interference scanning transmission electron microscope 79377
Yajima, Y., Takahashi, Y., Kuroda, K., Sugita, Y. Sensitive detection of magnetic field distribution using scanning interference electron microscope 89467
Yajnik, S., Sienicki, J., Agrawal, P. Adaptive coding for packetized data in wireless networks 88336
Yajnik, S. *see* Agrawal, P. 99283
Yakabe, H. *see* Nakashima, K. 108690
Yakihara, T. *see* Kobayashi, H. 114010
Yakihara, T. *see* Matsuura, H. 83491
Yakimenko, V. *see* Dikansky, N. 89593
Yakimenko, V.N. *see* Popov, V.V. 81890
Yakimets, I.V., Vinokurov, V.G., Narovlyanskii, V.G. Suspension on basis of high-temperature superconductors for transport systems 103116
Yakimets, L.V. Tertiary winding voltage stabilization in autotransformers with tap change load 71378
Yakimov, A.I., Markov, V.A., Dvurechenskii, A.V., Pchelyakov, O.P. Longitudinal conductivity of Ge/Si heterostructures with quantum dots 63056
Yakimov, A.I., Stepina, N.P., Dvurechenskii, A.V., Shcherbakova, L.A., Nikiforov, A.I. Electrical properties of fractal systems based on porous amorphous silicon 105193
Yakimov, I.L. Mathematical simulation of two-dimensional problems of diffraction on compositely shaped screens 85847
Yakimov, M.Yu. *see* Generalov, N.A. 107118
Yakimova, R., Tuominen, M., Bakin, A.S., Fornell, J.-O., Vehanen, A., Janzen, E. Silicon carbide liquid phase epitaxy in the Si-Sc-C system 103980
Yakimova, R. *see* Hallin, C. 105477
Yakimova, R. *see* Kordina, O. 103913
Yakimova, R. *see* Marinova, T. 83970
Yakimova, R. *see* Paskova, T. 84091
Yakimova, R. *see* Tuominen, M. 103819
Yakimovich, A.P. Three-dimensional monitors with horizontal scene scanning and reduced number of vertical aspect angles 109880
Yakimovich, A.P. Wide-aperture light deflectors for optical 3-D television frame scanning 109886
Yakin, G.Yu. *see* Mikheev, P.V. 120665
Yakir, B. The differencing algorithm LDM for partitioning: a proof of a conjecture of Karmarkar and Karp 72509
Yako, T. *see* Shinzawa, T. 105740
Yakobs, A.I. Electric protection efficiency and reliability of tripping protection devices 70986
Yakobson, N.N. *see* Alexandrov, E.B. 64833
Yakolev, Y.P. *see* Popov, A.A. 96269
Yakornov, E.A. *see* Voitko, Y.N. 118794
Yakovchuk, N.S. *see* Grekhov, I.V. 113800
Yakovenko, N.S. *see* Kirichuk, V.S. 67373
Yakovenko, P.G. *see* Ullakko, K. 104185
Yakovenko, S. *see* Konovalov, V. 89417
Yakovenko, S. *see* Oussenok, A. 89330
Yakovenko, V.M. *see* Falko, V.L. 63125
Yakovenko, V.M. *see* Pogrebnyak, V.A. 105140
Yakover, I.M., Pinhasi, Y., Gover, A. Study of waveguide resonators for FEL operating at submillimeter wavelengths 96523
Yakover, I.M. *see* Abramovich, A. 96078
Yakover, I.M. *see* Arensburg, A. 96443
Yakover, I.M. *see* Pinhasi, Y. 107029
Yakoviev, Yu.P. *see* Voronina, T.I. 74347
Yakovitskaya, G.E. *see* Kulakov, G.I. 93005
Yakovkin, I.B., Taziev, R.M., Kozlov, A.S. Numerical and experimental investigation SAW in langasite 106452
Yakovkin, I.B. *see* Kolosovsky, E.A. 106456
Yakovkin, I.B. *see* Kozlov, A.S. 106453
Yakovleff, A. *see* Abbott, D. 89139
Yakovlenko, S.I. *see* Boichenko, A.M. 65042
Yakovlenko, S.I. *see* Boichenko, A.M. 75807
Yakovlenko, S.I. *see* Boichenko, A.M. 75808
Yakovlenko, S.I. *see* Karelin, A.V. 65037
Yakovlenko, S.I. *see* Karelin, A.V. 75809
Yakovlev, A. *see* Cortadella, J. 83060
Yakovlev, A. *see* Semenov, A. 83059
Yakovlev, B.V. *see* Salunin, N.I. 95424
Yakovlev, D.A., Simonenko, G.V., Chigrinov, V.G., Podyachev, Yu.B., Khokhlov, N.A. Application of universal computer modeling system for development of high contrast and wide viewing angles LCDs 89232
Yakovlev, D.R. Magneto-optical studies of semimagnetic superlattices 62956
Yakovlev, D.R., Mackh, G., Ossau, W., Waag, A., Landwehr, G., Hellmann, R., Gobel, E.O. Exciton magnetic polarons in short-period $CdTe/Cd_{1-x}Mn_xTe$ superlattices 62885
Yakovlev, D.R. *see* Hellmann, R. 74401
Yakovlev, M.P. *see* Mikerov, V.I. 88928
Yakovlev, S.G. *see* Peregudov, A.N. 79232
Yakovlev, V., Danilov, O., Nezhevenko, O., Tarnetsky, V. Numerical simulation of magnicon amplifier 100482
Yakovlev, V. *see* Nezhevenko, O. 89765
Yakovlev, V. *see* Syrbu, A. 65207
Yakovlev, V.P. *see* Kozyrev, E.V. 114520
Yakovlev, V.P. *see* Myakishev, D.G. 89959
Yakovlev, V.P. *see* Syrbu, A.V. 76041
Yakovlev, V.V. *see* Barty, C.P.J. 65135
Yakovlev, V.V. *see* Barty, C.P.J. 96233
Yakovlev, V.V. *see* Kane, S. 106774
Yakovlev, V.V. *see* Kolomeytsev, V.A. 112605
Yakovlev, V.V. *see* Mityagina, M.I. 111221
Yakovlev, V.V. *see* Yamakawa, K. 107442
Yakovlev, Y. *see* Popov, A. 65184
Yakovlev, Y. *see* Popov, A. 65271
Yakovlev, Y.P. *see* Kozyrev, E.V. 79766
Yakovlev, Yu.P. *see* Danilova, T.N. 96325
Yakovlev, Yu.P. *see* Danilova, T.N. 96326
Yakovlev, Yu.P. *see* Danilova, T.N. 116509
Yakovlev, Yu.P. *see* Mikhailova, M.P. 62831
Yakovlev, Yu.P. *see* Mikhailova, M.P. 116234
Yakovleva, V.S. *see* Tolchinskii, E.N. 121276
Yakoya, N. *see* Araki, S. 86850
Yakubov, S. *see* Gorbulsky, P. 79265
Yakubovich, S.D. *see* Batovrin, V.K. 64966
Yakubovich, S.D. *see* Batovrin, V.K. 65250
Yakubovich, S.D. *see* Batovrin, V.K. 107331
Yakunin, V.A. *see* Evstratov, F.F. 68669
Yakunin, V.G. *see* Ryabyi, V.A. 63377
Yakunin, V.P. *see* Samarkin, V.V. 107084
Yakushev, E.M. *see* Bimurzaev, S.B. 107795
Yakushev, M.V., Lippold, G., Hill, A.E., Pilkington, R.D., Tomlinson, R.D. A Rutherford backscattering-channelling and Raman study of $CuInSe_2$ single crystal surfaces 74309
Yakushev, M.V. *see* Mullan, C.A. 63237
Yakushev, M.V. *see* Zegadi, A. 94453
Yakushev, V.P. *see* Belov, A.S. 120076
Yakushev, V.V., Uvarov, V.A., Maslennikov, S.P. PVDF piezofilm transducer for measuring the parameters of shock waves in focused systems 69094
Yakushi, K. *see* Yoshino, K. 106650
Yakushin, V.K. *see* Zverev, M.M. 65335
Yakutin, N.V. *see* Kharitonov, V.V. 107428
Yalamanchili, P., Al-Sheikhly, M., Christou, A. Failure analysis of cathode filament formation in multilayer PWBs using combined electron spin resonance and micro-FTIR techniques 93990
Yalamanchili, P., Christou, A. Migrated copper resistive shorts in plastic encapsulated devices 60732
Yalamanchili, R. *see* Gadi, J. 95696
Yalamanchili, S. *see* Flur, P.W. 112759
Yalamanchili, S. *see* Garg, V. 73907
Yalamanchili, S. *see* Gaughan, P.T. 87433
Yalcin, O. *see* Akarun, L. 77487
Yalcin, S., Crosley, D.R., Smith, G.P., Faris, G.W. Effects of background conditions on laser spark spectroscopy in air 120881
Yalcinkaya, F., Powner, E.T. Intelligent structures 63976
Yalcinkaya, G., Bollen, M.H.J. A voltage sag study in a large industrial distribution system 91972
Yalcinkaya, H. *see* Turkay, O.S. 71349
Yale Sun, Sheau Chen, Ping Mei, Boyce, J.B. Excimer laser annealing process for polysilicon TFT AMLCD applications 89320
Yalin Xiong, Shafer, S.A. Recursive filters for high precision computation of focus, stereo and optical flow 77182
Yallup, K., Edwards, S., Creighton, O. A novel bipolar device on SOI wafers for analog BICMOS applications 63606
Yallup, K. *see* Wilson, R. 63937
Yalowitz, J.S. Multisensor neural network event correlator 117811
Yam, Y.F. *see* Chi-Tat Leung 92438
Yama, H. *see* Fujii, T. 73450
Yamabayashi, N. *see* Kuhara, Y. 116241
Yamabayashi, N. *see* Kuhara, Y. 119196
Yamabayashi, Y. *see* Matsuoka, S. 77789
Yamabayashi, Y. *see* Tada, Y. 78732
Yamabayashi, Y. *see* Tomizawa, M. 109669
Yamabe, C. *see* Ihara, S. 65017
Yamabuchi, T. *see* Yamazaki, T. 113466
Yamada, A. Quasi 3-D quantitative computerized tomography for reconstructing sound velocity slices of a weakly scattering object 90309
Yamada, A. Thin film solar cells based on $CuInSe_2$: status and prospects 91740
Yamada, A., Makita, Y., Niki, S., Fons, P.J., Obara, A. Molecular beam epitaxial growth of $CuGaSe_2$ films 82604
Yamada, A., Makita, Y., Niki, S., Obara, A., Fons, P., Shibata, H., Kawai, M., Chichibu, S., Nakanishi, H. Band-edge photoluminescence of $CuGaSe_2$ films grown by molecular beam epitaxy 64914
Yamada, A. *see* Bottomley, D.J. 85612
Yamada, A. *see* Fons, P.J. 82605
Yamada, A. *see* Niki, S. 83879
Yamada, A. *see* Niki, S. 92685

Yamada, A. *see* Ueno, M. 69302
Yamada, D. *see* Soo Kwan Eo 68177
Yamada, E., Izumi, K., Tsuji, M., Matsuo, D., Oyama, J. A maximum power tracking control with identification of solar cell parameters using neural network 111836
Yamada, E., Izumi, K., Tsuji, M., Miyazaki, T., Oyama, J. Simulation of power active filter with optimal tracking controller 112051
Yamada, E. *see* Higuchi, T. 111925
Yamada, E. *see* Izumi, K. 104401
Yamada, E. *see* Nakazawa, M. 75860
Yamada, E. *see* Nakazawa, M. 78652
Yamada, E. *see* Nakazawa, M. 99558
Yamada, E. *see* Nakazawa, M. 116723
Yamada, E. *see* Nakazawa, M. 116725
Yamada, E. *see* Oyama, J. 81558
Yamada, E. *see* Oyama, J. 91625
Yamada, E. *see* Oyama, J. 121670
Yamada, E. *see* Takeshita, T. 102739
Yamada, E. *see* Tsuji, M. 121482
Yamada, H. Reliability of ultimate ultrathin silicon oxide films produced by the continuous ultradry process 63338
Yamada, H., Ohara, S., Iwai, T., Yamaguchi, Y., Imanishi, K., Joshin, K. The effect of source impedance on linearity in InGaP/GaAs power HBTs 83375
Yamada, H., Okamoto, A., Enbutsu, K., Mishima, T., Sato, K., Sakuraba, I. Analysis and experiment on phase-conjugate reflectivity of CAT mirror 116667
Yamada, H., Suzuki, S., Kawachi, M. Silica-based planar lightwave circuits for dense WDM application 68421
Yamada, H., Takada, K., Inoue, Y., Ohmori, Y., Mitachi, S. Statically-phase-compensated 10 GHz-spaced arrayed-waveguide grating 99549
Yamada, H., Ueno, K., Koma, A. Preparation of GaS thin films by molecular beam epitaxy 61260
Yamada, H., Yamaguchi, Y., Sengoku, M. A time-domain filtering scheme for the modified Root-MUSIC algorithm 65856
Yamada, H., Yamaji, H., Hyoguchi, T., Udagawa, T. An automatic ultrasonic testing system for the butt weld zone of gas pipe lines 113015
Yamada, H., Yamamoto, K., Yamaguchi, Y., Sengoku, M. Scattering parameter estimation accuracy of Root-MUSIC algorithms in electromagnetic wave scattering measurements 107876
Yamada, H. *see* Hagihara, Y. 104518
Yamada, H. *see* Horii, Y. 88013
Yamada, H. *see* Horiuchi, T. 60826
Yamada, H. *see* Huang, Y. 65341
Yamada, H. *see* Huang, Y. 65365
Yamada, H. *see* Ichikawa, Y. 106138
Yamada, H. *see* Inomata, K. 76393
Yamada, H. *see* Iwai, T. 63614
Yamada, H. *see* Iwata, H. 78294
Yamada, H. *see* Kasahara, H. 119294
Yamada, H. *see* Katoh, T. 103837
Yamada, H. *see* Kikuchi, Y. 106640
Yamada, H. *see* Miwa, T. 73348
Yamada, H. *see* Mizuno, M. 61853
Yamada, H. *see* Murabayashi, F. 73459
Yamada, H. *see* Muraoka, H. 115731
Yamada, H. *see* Okamoto, M. 71182
Yamada, H. *see* Okui, Y. 102887
Yamada, H. *see* Satow, T. 95514
Yamada, H. *see* Shimokawa, K. 84806
Yamada, H. *see* Takada, K. 85072
Yamada, H. *see* Takada, K. 106846
Yamada, H. *see* Takano, Y. 102931
Yamada, H. *see* Toraichi, K. 77486
Yamada, H. *see* Yajima, H. 81485
Yamada, H. *see* Yamaguchi, H. 91885
Yamada, H. *see* Yamanaka, H. 109311
Yamada, I., Matsuo, J., Insepov, Z., Takeuchi, D., Akizuki, M., Toyoda, N. Surface processing by gas cluster ion beams at the atomic (molecular) level 84118
Yamada, I. *see* Akizuki, M. 92855
Yamada, I. *see* Fukushima, K. 92857
Yamada, I. *see* Kawada, M. 115702
Yamada, I. *see* Kawashitga, M. 110918
Yamada, I. *see* Nakamura, S. 75914
Yamada, I. *see* Yoshida, A. 94784
Yamada, J. A spare capacity design method for restorable networks 77787
Yamada, J., Otake, T. The effect of light irradiation to a directly heated type thermionic converter 91768
Yamada, J., Shitoh, S., Tuda, N., Ueda, T. Study of compact distance meter by self-coupled effect of laser diode 89494
Yamada, J. *see* Logvenov, G.Yu. 106662
Yamada, J. *see* Mutoh, S. 73426
Yamada, K., Hayashi, K., Miyazaki, T., Shirakawa, K., Ohta, N. A novel approach to realizing flexible transport systems using reconfigurable hardware 78173
Yamada, K., Kaneko, T., Kuroda, K., Nakajima, M., Hosokawa, T. Improving beam profiles in the Super-ALIS super conducting storage ring 100764
Yamada, K., Khuri-Yakub, B.T. Point contact transducer of waveguiding structure for high-frequency operation 111377
Yamada, K., Mizusaki, J., Sasaki, H., Tsunoda, A., Yokokawa, H., Yamazaki, Y., Nakayama, K. Application of SOFC for electric vehicle 81971
Yamada, K., Nakagawa, T., Nakamura, K. Powder transportation by unidirectional ultrasound radiated from a pair of phase-shifted bending vibrators 122018
Yamada, K., Nakamura, K., Ogawa, Y. Improvement of bandwidth-to-drive-voltage of an electroabsorption modulator employing a double-pass configuration 85106
Yamada, K., Nishigaki, S. Oxidation of a Si(001) surface mediated by repetitive adsorption/desorption cycles of Cs: a metastable deexcitation spectroscopy study 84190
Yamada, K., Yamamoto, S. Specular surface direction measurement using brightness-ratio-coded light sources 89502
Yamada, K. *see* Aida, T. 81832
Yamada, K. *see* Endo, A. 81810
Yamada, K. *see* Hayakawa, K. 96456
Yamada, K. *see* Hayashi, K. 77843
Yamada, K. *see* Hiramatsu, M. 72952
Yamada, K. *see* Ikeda, M. 113467
Yamada, K. *see* Imura, A. 69391
Yamada, K. *see* Ishi, T. 115862
Yamada, K. *see* Ishidera, E. 87125
Yamada, K. *see* Ishizawa, Y. 79175
Yamada, K. *see* Ito, T. 87195
Yamada, K. *see* Kanai, H. 115705
Yamada, K. *see* Koike, T. 90852
Yamada, K. *see* Koshijima, J. 90618
Yamada, K. *see* Minakata, M. 95819
Yamada, K. *see* Nakanishi, T. 73558
Yamada, K. *see* Nishigaki, S. 114940
Yamada, K. *see* Ohgaki, H. 107392
Yamada, K. *see* Shirakawa, K. 77616
Yamada, K. *see* Soramoto, S. 88967
Yamada, K. *see* Takahashi, T. 81849
Yamada, K. *see* Uehara, Y. 115606
Yamada, K. *see* Ueno, M. 69302
Yamada, K. *see* Yamanaka, S. 79632
Yamada, K. *see* Yokoyama, M. 96469
Yamada, M. Wavelets. 3 60783
Yamada, M. GaOH: unstable species liberated from GaAs surface oxides during atomic hydrogen cleaning 74564
Yamada, M. Wavelets. 4 92380
Yamada, M. An overview on the development of titanium alloys for non-aerospace application in Japan 113509
Yamada, M., Kanamori, T., Terunuma, Y., Oikawa, K., Shimizu, M., Sudo, S., Sagawa, K. Fluoride-based erbium-doped fiber amplifier with inherently flat gain spectrum 75867
Yamada, M., Karasawa, Y. Increase of reliability for satellite communication circuits by use of long-distance site diversity 78585
Yamada, M., Shintani, H., Murakami, R., Taniguchi, R., Asano, T. Application of EGS-4 code for evaluating a Compton suppression system 80064
Yamada, M. *see* Chiba, T. 60615
Yamada, M. *see* Haraguchi, Y. 93353
Yamada, M. *see* Ito, T. 64313
Yamada, M. *see* Kosaka, H. 119155
Yamada, M. *see* Kurimoto, H. 114343
Yamada, M. *see* Kuwamura, Y. 106867
Yamada, M. *see* Morioka, T. 68369
Yamada, M. *see* Morioka, T. 88644
Yamada, M. *see* Ohishi, Y. 65107
Yamada, M. *see* Ono, H. 96155
Yamada, M. *see* Sato, H. 93352
Yamada, M. *see* Sawkar, S.S. 89437
Yamada, M. *see* Takaoka, D. 90559
Yamada, M. *see* Takeda, T. 85656
Yamada, M. *see* Temmyo, J. 119443
Yamada, N., Fuma, H., Tadano, H. The stability of 6H-SiC MOS capacitors at high temperature 105514
Yamada, N., Ichimura, Y., Nakagawa, S., Kaneko, Y., Takeuchi, T., Mikoshiba, N. Second-harmonic generation in vertical-cavity surface-emitting laser 75997
Yamada, N., Ventrek, P.I.G., Sakai, Y., Tagashira, H., Kitamori, K. Simulations of a feedback control scheme for an inductively coupled plasma source for etching applications 63282
Yamada, N., Ventzek, P.L.G., Sakai, Y., Tagashira, H., Kitamori, K. Simulations of real-time two-coil control of an inductively coupled plasma for etching applications 63404
Yamada, N., Yamamoto, Y. Annealing effects on second harmonic generation of segmented KTiOPO$_4$ waveguides 76171
Yamada, N. *see* Fukuda, M. 93979
Yamada, N. *see* Muramatsu, K. 104056
Yamada, N. *see* Shimizu, Y. 91413
Yamada, N. *see* Tabuchi, M. 61203
Yamada, N. *see* Tabuchi, M. 103909
Yamada, N. *see* Yamamoto, Y. 96623
Yamada, O. *see* Katoh, H. 109589
Yamada, O. *see* Kuroda, T. 79120
Yamada, O. *see* Kuroda, T. 109852
Yamada, O. *see* Nakahara, S. 108916
Yamada, R. *see* Ostiguy, J.-F. 90185
Yamada, S. Coulomb-blockade and conductance switching in split-gate wires having STM-made small structures 63492
Yamada, S. Commissioning and performance of the HIMAC medical accelerator 79903
Yamada, S., Ameniya, K., Yamane, T., Hazama, H., Hashimoto, K. Non-uniform current flow through thin oxide after Fowler-Nordheim current stress 93390
Yamada, S., Mito, T., Chikaraishi, H., Tanahashi, S., Kitagawa, S., Yamamoto, J., Motojima, O., Uede, T., Hiue, H., Yasukawa, Y., Itoh, I. Superconducting current feeder system for the large helical device 102176
Yamada, S., Sugitani, T., Marumoto, S., Shimizu, N. Laser pulse induced voltage in oxide superconductor 84881
Yamada, S., Tanaka, S. MESCAR: a node system architecture for telecommunication network-wide distributed processing 77543
Yamada, S., Yamamoto, M. Small mesas and holes in split-gate quantum wires acting as "artificial impurities" fabricated with scanning tunneling microscope 72770
Yamada, S. *see* Andoh, S. 72278
Yamada, S. *see* Aoki, N. 83966
Yamada, S. *see* Chin-Chih Hsu 104455
Yamada, S. *see* Ise, T. 115961
Yamada, S. *see* Ishiguro, T. 106534
Yamada, S. *see* Kamimoto, K. 91518
Yamada, S. *see* Murakami, H. 102496
Yamada, S. *see* Noda, K. 89755
Yamada, S. *see* Satow, T. 95514
Yamada, S. *see* Takahata, K. 95516
Yamada, S. *see* Takeda, K. 74737
Yamada, S. *see* Wakatsuki, N. 106393
Yamada, T., Furukawa, K., Hayashi, H., Miyamura, M. Cell-based common channel signaling system for integrated subscriber network 78257
Yamada, T., Hoshi, H., Ishikawa, K., Takezoe, H., Fukuda, A. Second-harmonic generation from centrosymmetric phthalocyanines 85594
Yamada, T., Kudo, M., Ando, Y., Sekine, T., Sakai, Y. Development of high spatial resolution Auger microscope as applied to semiconductor analysis 105086
Yamada, T., Manaka, T., Hoshi, H., Ishikawa, K., Takezoe, H., Fukuda, A. Second-harmonic generation from various phthalocyanine films and its spectral dependence 85622
Yamada, T., Nishimura, K., Ishizaki, T., Ogawa, K. Broadband IF SAW filter 115464
Yamada, T., Setiagung, C., Jia, A.W., Kobayashi, M., Yoshikawa, A. Phase instability of n-CdS grown by molecular-beam epitaxy 83858
Yamada, T., Tachikawa, M., Sasaki, T., Mori, H., Kadota, Y., Matsumoto, S., Kishi, K. Iron-doped InP buried laser heteroepitaxially grown on Si 96403
Yamada, T., Tani, K. Finite element time domain method using hexahedral element 107853
Yamada, T., Yamaguchi, H., Hirokoshi, Y. Effect of growth interruption during GaAs/AlGaAs molecular beam epitaxy on (411)A substrates 82702
Yamada, T., Yamazaki, K., McCluskey, E.J. A simple technique for locating gate-level faults in combinational circuits 61835
Yamada, T. *see* Aoki, M. 93361
Yamada, T. *see* Aruga, K. 64404
Yamada, T. *see* Fujita, M. 103137
Yamada, T. *see* Hisakado, T. 113793
Yamada, T. *see* Hoshi, H. 76155
Yamada, T. *see* Itoh, H. 85223
Yamada, T. *see* Kajikawa, K. 85593
Yamada, T. *see* Kim, J.C. 85647
Yamada, T. *see* Kinoshita, K. 103808
Yamada, T. *see* Kobayashi, N. 101690
Yamada, T. *see* Koganezawa, S. 115797
Yamada, T. *see* Kondo, Y. 73593
Yamada, T. *see* Kuroba, Y. 71362
Yamada, T. *see* Kuroda, T. 79547
Yamada, T. *see* Mori, H. 62754
Yamada, T. *see* Morimoto, Y. 79155
Yamada, T. *see* Murakami, M. 91793
Yamada, T. *see* Nakamura, S. 107293
Yamada, T. *see* Nakamura, S. 107296
Yamada, T. *see* Okamoto, A. 77836
Yamada, T. *see* Oobuchi, T. 81828
Yamada, T. *see* Saito, T. 79427
Yamada, T. *see* Sato, K. 103147
Yamada, T. *see* Seo, K. 95439
Yamada, T. *see* Shimamura, K. 82572
Yamada, T. *see* Takahashi, H. 105914
Yamada, T. *see* Takaishi, K. 63978
Yamada, T. *see* Takemura, Y. 64245
Yamada, T. *see* Tamaki, S. 73406
Yamada, T. *see* Tani, K. 96937
Yamada, T. *see* Tani, K. 103165
Yamada, T. *see* Tomomatsu, Y. 105870
Yamada, T. *see* Uchiyama, H. 79469
Yamada, T. *see* Yuri, M. 89633
Yamada, W. *see* Ooba, N. 85046
Yamada, Y., Ishida, K., Hanazawa, T., Takahashi, N.S. Blue electroluminescence in $(\mathrm{SrS{:}Ce/SrF_2})_n$ multilayered thin films 85295
Yamada, Y., Mekata, T., Kato, Y., Yoshizumi, Y., Hikita, K., Nonomura, E. Multi-functional digital hearing aid 90603
Yamada, Y., Mishina, T., Masumoto, Y., Kawakami, Y., Suda, J., Fujita, S., Fujita, S., Taguchi, T. Dynamics of dense excitonic systems in ZnSe-based single quantum wells 74379
Yamada, Y., Sasayama, K., Habara, K. Demonstration of 30 circulations in a transparent optical-loop buffer for 2-channel FDM packets at a data rate of 2.8 Gbit/s 78696

Yamada, Y., Sobue, S., Mukainakano, S., Hattori, T. Measurement of minute distance between microstructures and the substrate using non-contact atomic force microscope 106277
Yamada, Y., Teraoka, Y. Plant space handling in piping plant CAD: space model and construction technique 80955
Yamada, Y., Togashi, M., Habara, K., Matsunaga, T. Burst-mode differential receiver for optical packet communication 99477
Yamada, Y., Yamamoto, T., Nakamura, S., Taguchi, T., Sasaki, F., Kobayashi, S., Tani, T. Biexciton luminescence from cubic ZnS epitaxial layers 83822
Yamada, Y. *see* Akahori, Y. 78678
Yamada, Y. *see* Hazumi, M. 100854
Yamada, Y. *see* Ishihara, N. 80003
Yamada, Y. *see* Ito, N. 84237
Yamada, Y. *see* Itoh, Y. 115883
Yamada, Y. *see* Iwasa, Y. 95601
Yamada, Y. *see* Kakimoto, F. 69777
Yamada, Y. *see* Kakuhara, Y. 63481
Yamada, Y. *see* Kawakami, Y. 74335
Yamada, Y. *see* Koyanagi, K. 95535
Yamada, Y. *see* Masegi, T. 91191
Yamada, Y. *see* Matsui, M. 75165
Yamada, Y. *see* Mino, S. 64999
Yamada, Y. *see* Mino, S. 96061
Yamada, Y. *see* Misawa, A. 109316
Yamada, Y. *see* Munaka, T. 99964
Yamada, Y. *see* Murase, S. 95431
Yamada, Y. *see* Nakasuga, Y. 116284
Yamada, Y. *see* Ogiwara, H. 75298
Yamada, Y. *see* Saitoh, Y. 80027
Yamada, Y. *see* Saitoh, Y. 100838
Yamada, Y. *see* Tanaka, T. 76020
Yamada, Y. *see* Tazaki, S. 76767
Yamada, Y. *see* Terui, H. 107019
Yamada, Y. *see* Tsuboyama, T. 100836
Yamada, Y. *see* Tsuchimoto, M. 64516
Yamada, Y. *see* Tsuzuki, S. 78334
Yamada, Y. *see* Uchida, N. 88639
Yamada, Y. *see* Uchida, N. 109616
Yamada, Y. *see* Watazawa, K. 95539
Yamada, Y. *see* Yamaguchi, S. 94550
Yamada, Y. *see* Yamamoto, K. 91233
Yamada-Kaneta, H. *see* Shirakawa, Y. 114588
Yamada-Maruo, Y., Sasaki, S., Tamamura, T. In situ mass and photoemission studies of fluorinated polyimide films irradiated with an electron beam 64600
Yamadaya, M. *see* Xanasugi, A. 115917
Yamafuji, K. *see* Akune, T. 75341
Yamafuji, K. *see* Yasukawa, Y. 95549
Yamafuji, K., Morishita, T. *(editors)* Advances in Superconductivity VII. Proceedings of the 7th International Symposium on Superconductivity (ISS'94) 72050
Yamaga, I. *see* Kobayashi, M. 69829
Yamagami, A. *see* Kaga, T. 80861
Yamagata, K., Maruyama, Y., Yabusaki, M. FPLMTS functional network architecture and signaling 68204
Yamagata, K. *see* Okamoto, T. 85777
Yamagata, M. *see* Niikura, Y. 64946
Yamagata, T. *see* Itahashi, T. 100791
Yamagata, T. *see* Kuge, S. 61900
Yamagata, T. *see* Kuge, S. 93382
Yamagata, T. *see* Tomishima, S. 93363
Yamagata, T. *see* Tsuruda, T. 113977
Yamagata, Y., Ishibashi, T., Sano, Y., Koga, Y., Yoshida, M., Sugo, A. 32-bit RISC microcontroller V853 73452
Yamagata, Y., Mihara, S., Nishioki, N., Higuchi, T. A new fabrication method for microactuators with piezoelectric thin film using precision cutting technique 75060
Yamagata, Y., Tanaka, K., Terasawa, Y., Aoyagi, H., Nojima, K., Hioki, I., Murase, H., Yokota, T. Very fast transients in 1000 kV HSGS grounding circuit 81596
Yamagata, Y., Tanaka, K., Terasawa, Y., Shinkai, T., Mizoguchi, H., Hioki, I., Suzuki, K., Yokota, T. Development of interrupting chamber for 1000 kV HSGS with a delayed-zero-current interrupting performance 81594
Yamagata, Y. *see* Sawada, T. 83892
Yamagishi, A. *see* Muraguchi, M. 118748
Yamagishi, F. *see* Matsumoto, T. 100210
Yamagishi, F. *see* Yoshikawa, H. 96799
Yamagishi, H. *see* Sakasai, K. 80085
Yamagishi, H. *see* Sakasai, K. 100876
Yamagishi, M. *see* Sato, A. 109867
Yamagishi, S. *see* Miyai, H. 100238
Yamagishi, S. *see* Shinomiya, T. 79617
Yamagishi, T. *see* Kato, I. 92945
Yamagishi, Y. Global convergence of the Durand-Kerner method applied to the equation z^3=0 72404
Yamagiwa, T. *see* Imagawa, S. 95515
Yamagiwa, T. *see* Okabe, S. 81612
Yamagoshi, A. *see* Yosoi, M. 120231
Yamaguchi, A., Nodera, Y., Ohashi, M., Sakai, S., Suzuki, T., Watanabe, F., Mizuno, T. Interoperability of PDC with GSM 68243
Yamaguchi, A., Suwa, K., Kawasaki, R. Received signal level characteristics for wideband radio channel in microcells 99213
Yamaguchi, A. *see* Hirose, T. 62501
Yamaguchi, A. *see* Seino, S. 109389
Yamaguchi, A. *see* Suzuki, Y. 116143
Yamaguchi, A. *see* Takamatsu, H. 80041
Yamaguchi, A. *see* Takamatsu, H. 100907
Yamaguchi, A.A., Manako, T., Sakai, A., Sunakawa, H., Kimura, A., Nido, M., Usui, A. Single domain hexagonal GaN films on GaAs (100) vicinal substrates grown by hydride vapor phase epitaxy 92699
Yamaguchi, E. *see* Junnarkar, M.R. 63073
Yamaguchi, H., Fahy, M.R., Joyce, B.A. Inhibitions of three dimensional island formation in InAs films grown on GaAs (111)A surface by molecular beam epitaxy 92696
Yamaguchi, H., Kajiwara, A., Nishiyama, F., Tanaka, T. A study on 94 GHz band millimeter-wave RCS characteristics 109791
Yamaguchi, H., Kataoka, T. Analysis of magnetic field and electromagnetic force of air-core superconducting power transformer 102802
Yamaguchi, H., Osawa, H., Watanabe, T., Yamada, H. Brake control characteristics of a linear synchronous motor for ropeless elevator 91885
Yamaguchi, H. *see* Aronstein, D. 69717
Yamaguchi, H. *see* Fujita, M. 110293
Yamaguchi, H. *see* Fujita, S. 100239
Yamaguchi, H. *see* Hirano, N. 89257
Yamaguchi, H. *see* Ikeda, T. 63909
Yamaguchi, H. *see* Ishizuka, T. 112084
Yamaguchi, H. *see* Kataoka, T. 121750
Yamaguchi, H. *see* Kawakubo, T. 100547
Yamaguchi, H. *see* Kichimi, H. 69718
Yamaguchi, H. *see* Tomita, M. 91549
Yamaguchi, H. *see* Tomita, M. 121510
Yamaguchi, H. *see* Yamada, T. 82702
Yamaguchi, H. *see* Yoshizawa, Y. 83268
Yamaguchi, H. *see* Yoshizawa, Y. 100950
Yamaguchi, I., Ishii, M., Uematsu, I., Morimoto, S. Characterization of a DC arcjet plasma for diamond growth by measurement of spatial distributions of optical emission 61397
Yamaguchi, I. *see* Kato, J. 75671
Yamaguchi, I. *see* Okamoto, T. 85777
Yamaguchi, I. *see* Sjodahl, M. 79723
Yamaguchi, K., Imai, H. Good k/(k+1) time-varying convolutional encoders from time-invariant convolutional codes 66303
Yamaguchi, K., Kawaji, A., Suzuki, K., Enomoto, Y., Tanaka, S. IF output characteristics of Josephson mixer 115948
Yamaguchi, K., Nakamoto, T., Abraha A., P. Consideration on the optimum conditions to produce micromechanical parts by photo polymerization using direct focused beam writing 64014
Yamaguchi, K., Tada, S. Fabrication of GaAs microtips for scanning tunneling microscopy by wet etching 114909
Yamaguchi, K., Takahashi, M., Shiobara, R., Kimura, K. Development of a high stability field winding of 70 MW class superconducting generator 102630
Yamaguchi, K. *see* Hasegawa, Y. 73811
Yamaguchi, K. *see* Higeta, K. 61887
Yamaguchi, K. *see* Higeta, K. 113943
Yamaguchi, K. *see* Kawasima, H. 91573
Yamaguchi, K. *see* Kobayashi, I. 115673
Yamaguchi, K. *see* Kubo, H. 97309
Yamaguchi, K. *see* Meki, K. 111231
Yamaguchi, K. *see* Nakamoto, T. 72972
Yamaguchi, K. *see* Osawa, Y. 85216
Yamaguchi, K. *see* Sasaki, H. 68015
Yamaguchi, K. *see* Senda, T. 82957
Yamaguchi, K. *see* Suzuki, K. 83399
Yamaguchi, K. *see* Takahashi, R. 95422
Yamaguchi, K. *see* Takeda, K. 74737
Yamaguchi, K. *see* Torii, S. 91455
Yamaguchi, K. *see* Torii, S. 102631
Yamaguchi, K. *see* Yoshikawa, S. 104828
Yamaguchi, M., Endoh, H., Koyama, T., Ohyama, N. High-speed recording of full-parallax holographic stereograms by a parallel exposure system 85774
Yamaguchi, M., Hayama, M., Seko, Y., Kikuchi, S., Okamoto, K., Watanabe, J. Development of LCD controller and driver for mobile medium tools 73177
Yamaguchi, M., Hidaka, I., Kumagai, S., Matsumoto, T., Kusumi, T. Advanced CMOS ASIC CB-C9 73295
Yamaguchi, M., Inui, H., Yokoshima, S., Kishida, K., Johnson, D.R. Recent progress in our understanding of deformation and fracture of two-phase and single-phase TiAl alloys 113512
Yamaguchi, M., Ogura, T., Ninomiya, H., Ohashi, H. Mode-transition optimized 4.5 kV IGTT (IGBT mode turn-off thyristor) 105942
Yamaguchi, M., Taylor, S.J., Matsuda, S., Kawasaki, O. Mechanism for the anomalous degradation of Si solar cells induced by high fluence 1 MeV electron irradiation 81883
Yamaguchi, M., Taylor, S.J., Ming-Ju Yang, Matsuda, S., Kawasaki, O., Hisamatsu, T. Analysis of radiation damage to Si solar cells under high-fluence electron irradiation 102979
Yamaguchi, M., Taylor, S.J., Ming-Ju Yang, Matsuda, S., Kawasaki, O., Hisamatsu, T. High-energy and high-fluence proton irradiation effects in silicon solar cells 121888
Yamaguchi, M. *see* Hasegawa, H. 73477
Yamaguchi, M. *see* Hashimoto, K. 84736
Yamaguchi, M. *see* Hashimoto, K. 106425
Yamaguchi, M. *see* Himeno, A. 88055
Yamaguchi, M. *see* Honda, T. 64489
Yamaguchi, M. *see* Ishiguro, H. 75416
Yamaguchi, M. *see* Kiehl, R.A. 103912
Yamaguchi, M. *see* Kim, Y.H. 64466
Yamaguchi, M. *see* Miki, A. 121871
Yamaguchi, M. *see* Nagasawa, H. 63562
Yamaguchi, M. *see* Nagayoshi, H. 105621
Yamaguchi, M. *see* Ono, M. 95562
Yamaguchi, M. *see* Tanaka, N. 68842
Yamaguchi, M. *see* Yamamoto, T. 78320
Yamaguchi, R. *see* Matsumura, T. 73053
Yamaguchi, S., Enomoto, A., Sato, I., Igarashi, Y. High-power test of a traveling-wave-type RF-pulse compressor 100484
Yamaguchi, S., Imai, Y., Kimura, S., Tsunetsugu, H. New module structure using flip-chip technology for high-speed optical communication ICs 82209
Yamaguchi, S., Kawakami, Y., Fujita, S., Fujita, S., Yamada, Y., Mishina, T., Masumoto, Y. Recombination dynamics of localized excitons in a CdSe/ZnSe/ZnS$_x$Se$_{1-x}$ single-quantum-well structure 94550
Yamaguchi, S., Tomimuro, H., Ohno, Y. High speed and compact pin grid array package for MCMs 92270
Yamaguchi, S., Tomimuro, H., Ohno, Y., Hino, S. Packaging technology for high speed multichip modules with a copper polyimide thin film multilayer substrate 94138
Yamaguchi, S., Viands, C.A., Potember, R.S. STM imaging and surface modifications on thin films and single crystals of the conducting metal-organic complex: Cu(2,5-DM-DCNQI)$_2$ 74308
Yamaguchi, S., Yamamoto, J., Motojima, O. A new cable-in-conduit conductor magnet with insulated strands 95600
Yamaguchi, S. *see* Imagawa, S. 95515
Yamaguchi, S. *see* Jungemann, C. 106035
Yamaguchi, S. *see* Miyake, M. 66206
Yamaguchi, S. *see* Ohtsu, S. 107950
Yamaguchi, S. *see* Oku, T. 114811
Yamaguchi, S. *see* Sasaki, S. 119226
Yamaguchi, S. *see* Satow, T. 95514
Yamaguchi, S. *see* Senba, T. 95438
Yamaguchi, S. *see* Soeda, T. 102106
Yamaguchi, S. *see* Soramoto, S. 88967
Yamaguchi, S. *see* Watanabae, T. 80864
Yamaguchi, S. *see* Yamamoto, Y. 96623
Yamaguchi, T., Iida, Y., Furukawa, A., Ishizuka, Y., Nozaki, H., Manabe, S., Tango, H., Yoshida, O. Characteristics of a-Si:H films prepared by a novel laminar flow photo-chemical vapor deposition method 92888
Yamaguchi, T., Kaneko, Y., Jayatissa, A.H., Aoyama, M. Thickness change in an annealed amorphous silicon film detected by spectroscopic ellipsometry 105539
Yamaguchi, T., Kawase, Y., Hayashi, Y. Dynamic transient analysis of vector controlled motors using 3-D finite element method 71254
Yamaguchi, T., Sasaki, T., Nikoh, H. Control of RIE-induced surface damage and junction leakage current in field isolation process 105672
Yamaguchi, T., Soyama, Y., Hosokawa, H., Tsuneta, K., Hirai, H. Improvement of settling response of disk drive head positioning servo using mode switching control with initial value compensation 64406
Yamaguchi, T., Tanaka, H., Koga, Y. Development of 3D-measuring system by image processing–application to dimensional inspection of small molded plastic electronic parts 60695
Yamaguchi, T., Yamamoto, Y., Tanaka, T., Demizu, Y., Yoshida, A. (Cd,Zn)S thin films prepared by chemical bath deposition for photovoltaic devices 113411
Yamaguchi, T. *see* Fuji, H. 116012
Yamaguchi, T. *see* Fujino, S. 68870
Yamaguchi, T. *see* Gong, X.Y. 92751
Yamaguchi, T. *see* Higuchi, T. 82029
Yamaguchi, T. *see* Hokosaki, M. 63512
Yamaguchi, T. *see* Ishizuka, Y. 92889
Yamaguchi, T. *see* Ishizuka, Y. 94424
Yamaguchi, T. *see* Jayatissa, A.H. 83802
Yamaguchi, T. *see* Kawase, Y. 71252
Yamaguchi, T. *see* Kawase, Y. 102635
Yamaguchi, T. *see* Masuda, T. 89254
Yamaguchi, T. *see* Mengchun Xie 60908
Yamaguchi, T. *see* Nakahata, A. 96999
Yamaguchi, T. *see* Nakamura, S. 109232
Yamaguchi, T. *see* Ohta, H. 72557
Yamaguchi, T. *see* Sawai, T. 83508
Yamaguchi, T. *see* Tanaka, T. 72940
Yamaguchi, T. *see* Uchiyama, H. 79469
Yamaguchi, T. *see* Yagi, R. 106681
Yamaguchi, T. *see* Yamamoto, Y. 113501
Yamaguchi, T. *see* Yoshida, S. 64400
Yamaguchi, Y., Oashi, T., Eimori, T., Iwamatsu, T., Miyamoto, S., Suma, K., Tsuruda, T., Morishita, F., Hirose, M., Hidaka, H., Arimoto, K., Fujishima, K., Inoue, Y., Nishimura, T., Miyoshi, H. Features of SOI DRAM's and their potential for low-voltage and/or giga-bit scale DRAM's 93358
Yamaguchi, Y., Sengoku, M., Motooka, S. Using a van-mounted FM-CW radar to detect corner-reflector road-boundary markers 88702
Yamaguchi, Y. *see* Inomata, K. 76393
Yamaguchi, Y. *see* Kanematsu, K. 64304
Yamaguchi, Y. *see* Kanno, R. 121840
Yamaguchi, Y. *see* Kasahara, H. 119294

Yamaguchi, Y. *see* Kondo, H. 120938
Yamaguchi, Y. *see* Muraguchi, M. 118748
Yamaguchi, Y. *see* Nagasawa, H. 105217
Yamaguchi, Y. *see* Shiraishi, H. 64293
Yamaguchi, Y. *see* Tamura, H. 72510
Yamaguchi, Y. *see* Tsuboi, S. 74657
Yamaguchi, Y. *see* Yamada, H. 65856
Yamaguchi, Y. *see* Yamada, H. 83375
Yamaguchi, Y. *see* Yamada, H. 107876
Yamaguchi, Y. *see* Yonenaka, K. 72219
Yamaguchi, S. *see* Hamano, Y. 76317
Yamaha, T., Naito, M., Hotta, T. Roles of WSi and TiN on via electromigration resistance in aluminum based interconnections 63475
Yamaha, T. *see* Hirade, S. 94987
Yamaha, T. *see* Naito, M. 94832
Yamahata, S. *see* Ida, M. 63630
Yamahata, S. *see* Ito, H. 84351
Yamahata, S. *see* Ito, H. 84352
Yamahata, S. *see* Ito, H. 84353
Yamahata, S. *see* Nakamura, M. 99484
Yamai, N. *see* Onoye, T. 114003
Yamaikin, V.E. *see* Alishev, Ya.V. 108035
Yamaji, A. *see* Yamashita, H. 71250
Yamaji, H. *see* Yamada, H. 113015
Yamaji, K. *see* Hasegawa, T. 81015
Yamaji, K. *see* Hasegawa, T. 91105
Yamaji, K. *see* Tadokoro, M. 121753
Yamaji, M. *see* Sonoda, K. 115119
Yamaji, T. *see* Kojima, M. 102918
Yamakage, Y. *see* Nagamachi, S. 72951
Yamakami, T. Polynomial games and determinacy 82388
Yamakata, M. *see* Hamaya, N. 90247
Yamakawa, H. *see* Kimoto, T. 66555
Yamakawa, H. *see* Maeda, T. 102242
Yamakawa, H. *see* Maeda, T. 102797
Yamakawa, K., Aoyama, M., Itoh, T., Spielmann, C. All-solid-state mirror-dispersion-controlled sub-10fs Ti:sapphire laser 107187
Yamakawa, K., Guo, T., Korn, G., Le Blanc, C., Raksi, F., Rose-Petruck, C.G., Squier, J.A., Yakovlev, V.V., Barty, C.P.J. Techniques for controlling gain narrowing during ultrashort pulse amplification 107442
Yamakawa, K., Isei, K., Honda, N., Ouchi, K., Iwasaki, S. Permeability of microstrip thin films of various materials 75100
Yamakawa, K. *see* Arakawa, K. 117669
Yamakawa, K. *see* Barty, C.P.J. 65135
Yamakawa, K. *see* Barty, C.P.J. 96233
Yamakawa, M. *see* Tamegai, N. 77953
Yamakawa, O. *see* Murata, T. 66792
Yamakawa, S., Kobayashi, T., Kinoshita, T., Sasaki, K., Tanaka, N., Okamoto, H. Frequency doubling waveguide on a novel organic nonlinear optical crystal substrate 76259
Yamakawa, S. *see* Nitta, Y. 73370
Yamakawa, S. *see* Okamoto, K. 63501
Yamakawa, S. *see* Ueno, H. 63798
Yamakawa, T. *see* Nakamura, S. 121002
Yamaki, J. *see* Shodai, T. 81677
Yamaki, S. *see* Ito, T. 100752
Yamaki, T. *see* Asai, K. 94334
Yamakita, J. *see* Asai, M. 116874
Yamakita, J. *see* Inai, H. 98379
Yamakita, J. *see* Wakabayashi, H. 76398
Yamakoshi, T. *see* Takahata, K. 95516
Yamakoshi, Y. *see* Kenjo, T. 81807
Yamaliev, K.N. *see* Galiulin, R.M. 107673
Yamamichi, N. *see* Yokota, K. 99547
Yamamori, H. *see* Kaneko, S. 101604
Yamamori, M., Fukuda, S. PLL frequency synthesizer LSI for digital cellular phones 88140
Yamamoto, A., Shintomi, T., Kimura, N., Doi, Y., Haruyama, T., Higashi, N., Hirabayashi, H., Kawamata, H., Seog-Whan Kim, Kobayashi, T.M., Makida, Y., Ogitsu, T., Ohuchi, N., Tanaka, K., Terashima, A., Tsuchiya, K., Yamaoka, H., Brianti, G., Leroy, D., Perin, R., Mizumaki, S., Kato, S. Test results of a single aperture 10 tesla dipole model magnet for the Large Hadron Collider 89625
Yamamoto, A., Yamauchi, Y., Ogawa, T., Ohkubo, M., Hashimoto, A. Nitridation of GaAs (111)B substrates and heteroepitaxial growth of InN on the nitrided substrates 104069
Yamamoto, A. *see* Ando, Y. 81917
Yamamoto, A. *see* Bunce, G. 100643
Yamamoto, A. *see* Misawa, T. 121318
Yamamoto, A. *see* Naihao Song 89627
Yamamoto, A. *see* Noda, M. 109870
Yamamoto, A. *see* Yamaoka, H. 90189
Yamamoto, C. *see* Kawano, T. 101058
Yamamoto, E. *see* Awaya, N. 95175
Yamamoto, E. *see* Ishida, A. 104074
Yamamoto, E. *see* Ito, M. 69115
Yamamoto, E. *see* Miyajima, H. 79359
Yamamoto, E. *see* Ochi, H. 117003
Yamamoto, E. *see* Ohtomo, T. 100233
Yamamoto, E. *see* Sanagi, M. 93785
Yamamoto, F. *see* Temmyo, J. 119443
Yamamoto, G. *see* Nakai, K. 73528
Yamamoto, G. *see* Nakai, K. 83209
Yamamoto, H. Rate-distortion theory for a triangular communication system 66228
Yamamoto, H. Source coding theory for a triangular communication system 66285
Yamamoto, H., Fujisaki, A., Kikuchi, S. MCM and bare chip technology for a wide range of computers 114481
Yamamoto, H., Fujiwara, T., Takata, T., Kasami, T. Evaluation of block error probability of trellis codes 66397
Yamamoto, H., Funato, S., Sugiyama, T., Johnson, R.E., Norwood, R.A., Jung, J., Kinoshita, T., Sasaki, K. Linear and nonlinear optical properties of a new organic crystal, N-(4-aminobenzenesulfonyl) acetamide 65488
Yamamoto, H., Funato, S., Sugiyama, T., Johnson, R.E., Norwood, R.A., Kinoshita, T., Sasaki, K. A four-layer optical waveguide device using isopropyl-4-acetylphenyl urea (IAPU) 76258
Yamamoto, H., Ganke, T., Miki, H., Sugimoto, K. Operation and maintenance technics of small PAFC 91730
Yamamoto, H., Kumanbara, T., Kojima, T., Tomii, K. Magnetic properties of Sm-Nd-Fe-Co-N compounds and their bonded magnets 64469
Yamamoto, H., Saiga, N. Temperature-corrected quartz-crystal microbalance for real-time film thickness monitoring in vacuum evaporation 119871
Yamamoto, H., Sohtome, H., Hoshiai, T., Isogai, H., Mori, S., Masuyama, S., Matsubara, Y. Small size of YBaCuO bulk current lead 84868
Yamamoto, H., Sugiyama, T., Jung, J., Kinoshita, T., Sasaki, K. Waveguide SHG devices using thin film crystals 85048
Yamamoto, H., Takeshita, F., Terashima, K., Kubo, Y., Goto, Y., Sawada, S., Yano, S. Liquid crystalline compounds having 1,2,3-trifluorophenyl substituent for AM-LCDs with low-voltage IC driver 79625
Yamamoto, H. *see* Fujikata, J.-I. 115629
Yamamoto, H. *see* Hotta, K. 95359
Yamamoto, H. *see* Ichikawa, S. 90112
Yamamoto, H. *see* Kinoshita, K. 77983
Yamamoto, H. *see* McArdle, N. 85177
Yamamoto, H. *see* Matsukiyo, H. 64923
Yamamoto, H. *see* Murata, T. 77979
Yamamoto, H. *see* Naruse, M. 85192
Yamamoto, H. *see* Okabe, K. 109409
Yamamoto, H. *see* Sonegawa, T. 106297
Yamamoto, H. *see* Sonegawa, T. 113461
Yamamoto, H. *see* Suzuki, T. 79156
Yamamoto, H. *see* Tsukamoto, H. 94892
Yamamoto, H. *see* Ueno, Y. 98362
Yamamoto, H. *see* Zhao, X.D. 62815
Yamamoto, I. *see* Nohara, B.T. 90825
Yamamoto, I. *see* Suzuki, H. 61888
Yamamoto, I. *see* Yamashita, Y. 90149
Yamamoto, J. *see* Hanawa, S. 95571
Yamamoto, J. *see* Imagawa, S. 95515
Yamamoto, J. *see* Kim, S.W. 95406
Yamamoto, J. *see* Kita, E. 81350
Yamamoto, J. *see* Migitaka, S. 105810
Yamamoto, J. *see* Mito, T. 95525
Yamamoto, J. *see* Nishimura, A. 92982
Yamamoto, J. *see* Nishioka, T. 91192
Yamamoto, J. *see* Satow, T. 95514
Yamamoto, J. *see* Senba, T. 95438
Yamamoto, J. *see* Sumiyoshi, F. 95561
Yamamoto, J. *see* Takahata, K. 95516
Yamamoto, J. *see* Uchino, S.-I. 105794
Yamamoto, J. *see* Yamada, S. 102176
Yamamoto, J. *see* Yamaguchi, S. 95600
Yamamoto, J.S., Violaro, F. A joint vector quantisation in CELP-based coders 78274
Yamamoto, K. An integration of Internet messages 98623
Yamamoto, K. Angular rate sensor for navigation system 122058
Yamamoto, K., Asahi, H., Hayashi, T., Asami, K., Gonda, S. Metalorganic molecular beam epitaxy growth and etching of GaSb on flat and high-index surfaces using trisdimethylaminoantimony 103874
Yamamoto, K., Kokubo, A., Ohno, M., Sakai, K., Takagi, K. Nonlinear piezoelectricity of PZT ceramics and acoustic phase conjugate waves 84682
Yamamoto, K., Maemura, K., Komaru, M., Kasai, N., Oku, T., Sasaki, Y., Tanino, N. A 3.3 V, 1W GaAs one-chip power amplifier MMIC for cellular phones 62337
Yamamoto, K., Maemura, K., Ohta, Y., Kasai, N., Noda, M., Yuura, H., Yoshii, Y., Nakayama, M., Ogala, N., Takagi, T., Otsubo, M. A GaAs RF transceiver IC for 1.9 GHz digital mobile communication systems 78534
Yamamoto, K., Ogata, T. High efficiency power feed equipment using series resonant constant current converter for submarine optical-fiber transmission systems 99489
Yamamoto, K., Shimono, T., Okada, T., Kawazawa, Y., Tatsuno, T. A point-of-use purification method of HF chemicals for VLSI manufacturing 63364
Yamamoto, K., Shinohara, K. Analysis of AC servo motor driven by PWM inverter with switching dead-time and compensation for output voltage deviation 121432
Yamamoto, K., Takahashi, M., Yamada, Y., Masegi, T., Onoda, H., Kuriyama, T., Nakagome, H., Nakade, M., Okuma, T., Hara, T. 1 kArms Bi-2223 superconducting current lead system for the current limiter 91233
Yamamoto, K., Tsuru, T. Time-dependent temperature calculation of aluminum line applied with electrical-overstress pulses 94814
Yamamoto, K., Yokomakura, M., Inohara, S., Nonomura, K. A 14-in color flat-panel display using filament cathodes 89384
Yamamoto, K. *see* Asahi, H. 96276
Yamamoto, K. *see* Dilmanian, F.A. 90434
Yamamoto, K. *see* Fukuyama, T. 83684
Yamamoto, K. *see* Geunbae Lim 110872
Yamamoto, K. *see* Hara, K. 74158
Yamamoto, K. *see* Hayashi, T. 94746
Yamamoto, K. *see* Hazumi, M. 100854
Yamamoto, K. *see* Horiuchi, T. 60826
Yamamoto, K. *see* Ito, S. 111772
Yamamoto, K. *see* Kanda, T. 72263
Yamamoto, K. *see* Kanzawa, Y. 114878
Yamamoto, K. *see* Kato, N. 91711
Yamamoto, K. *see* Kishioka, K. 116099
Yamamoto, K. *see* Kitaoka, Y. 65279
Yamamoto, K. *see* Kitaoka, Y. 96161
Yamamoto, K. *see* Koyanagi, K. 95535
Yamamoto, K. *see* Kurosawa, I. 94984
Yamamoto, K. *see* Maeda, S. 80425
Yamamoto, K. *see* Matsuse, K. 121577
Yamamoto, K. *see* Naito, J. 69981
Yamamoto, K. *see* Nakayama, M. 83431
Yamamoto, K. *see* Naraki, T. 78405
Yamamoto, K. *see* Noyori, Y. 89338
Yamamoto, K. *see* Ochiai, Y. 62840
Yamamoto, K. *see* Ohtsu, S. 71443
Yamamoto, K. *see* Sasaki, I. 89292
Yamamoto, K. *see* Sekioka, S. 111591
Yamamoto, K. *see* Shimodaira, Y. 89303
Yamamoto, K. *see* Shinmoto, T. 102161
Yamamoto, K. *see* Sirasawa, H. 73125
Yamamoto, K. *see* Tanaka, S. 83532
Yamamoto, K. *see* Terashima, M. 85213
Yamamoto, K. *see* Terashima, M. 97894
Yamamoto, K. *see* Toraichi, K. 77486
Yamamoto, K. *see* Washio, H. 89339
Yamamoto, K. *see* Yamada, H. 107876
Yamamoto, M., Itaya, Y., Sugie, T. 1.3-μm laser diodes with spot-size converter for access networks 107262
Yamamoto, M., Itoh, K. Power analysis on triplate-type slot-coupled microstrip antenna 117004
Yamamoto, M., Kobayashi, I., Hirose, T., Bruck, S.M., Tsuboi, N., Mino, Y., Okafuji, M., Tamura, T. High performance Al alloy for high aperture ratio a-Si TFT-LCD 84613
Yamamoto, M., Kobayashi, I., Hirose, T., Tsuboi, N., Mino, Y., Okafuji, M., Tamura, T. High performance TFT-LCD using low resistivity bus-lines 100234
Yamamoto, M., Nakamura, N., Yi Zhao, Hasegawa, N., Watanabe, N. Magnetic anisotropy caused by the directivity of Ni grown in amorphous Ni-P alloy due to abrasion 75079
Yamamoto, M. *see* Arai, K. 105878
Yamamoto, M. *see* Chen, K.J. 61856
Yamamoto, M. *see* Chen, K.J. 62238
Yamamoto, M. *see* Fuji, H. 95423
Yamamoto, M. *see* Fujita, H. 80892
Yamamoto, M. *see* Hagiwara, Y. 100254
Yamamoto, M. *see* Hanna, J. 92875
Yamamoto, M. *see* Hayashida, H. 91107
Yamamoto, M. *see* Higashiwaki, M. 72763
Yamamoto, M. *see* Higo, T. 79852
Yamamoto, M. *see* Iida, T. 109590
Yamamoto, M. *see* Itoh, M. 85529
Yamamoto, M. *see* Kamiyama, N. 78117
Yamamoto, M. *see* Kamiyama, N. 118161
Yamamoto, M. *see* Kondo, Y. 107264
Yamamoto, M. *see* Mori, R. 63341
Yamamoto, M. *see* Nagata, Y. 80455
Yamamoto, M. *see* Okamoto, H. 75919
Yamamoto, M. *see* Okamoto, H. 78888
Yamamoto, M. *see* Okamoto, H. 96432
Yamamoto, M. *see* Sato, K. 100751
Yamamoto, M. *see* Satoh, K. 81546
Yamamoto, M. *see* Shimizu, N. 103402
Yamamoto, M. *see* Suzaki, Y. 88593
Yamamoto, M. *see* Tode, H. 78190
Yamamoto, M. *see* Waho, T. 61712
Yamamoto, M. *see* Waho, T. 73312
Yamamoto, M. *see* Yamada, S. 72770
Yamamoto, M. *see* Yoshikawa, T. 84157
Yamamoto, M. *see* Yoshioka, Y. 71467
Yamamoto, M. *see* Zamkotsian, F. 119195
Yamamoto, N. A micro-fluorescent/diffracted X-ray spectrometer with a micro-X-ray beam formed by a fine glass capillary 115311
Yamamoto, N., Murakami, J., Tadokoro, Y. A novel method for automatic measurement of eyeblinks 87010
Yamamoto, N. *see* Alexandrof, V.A. 100628
Yamamoto, N. *see* Do, L.M. 85304
Yamamoto, N. *see* Eun-Mi Han 75740
Yamamoto, N. *see* Han, E.M. 85303
Yamamoto, N. *see* Kurokawa, S.-I. 89928
Yamamoto, N. *see* Minoda, H. 82707
Yamamoto, N. *see* Mitsui, T. 105183
Yamamoto, N. *see* Nishio, H. 106626
Yamamoto, N. *see* Noda, S. 95626
Yamamoto, N. *see* Shintake, T. 100531
Yamamoto, N. *see* Sugiura, H. 72752
Yamamoto, N. *see* Tenenbaum, P. 89675
Yamamoto, N. *see* Wada, K. 107254

Yamamoto, O., Hara, T., Matsuura, H., Konishi, T. Designing effective rib on cylindrical insulator considering SEEA charge accumulation in vacuum 81127
Yamamoto, O., Hara, T., Matsuura, H., Tanabe, Y., Konishi, T. Effects of corrugated insulator on electrical insulation in vacuum 94184
Yamamoto, O., Watanabe, S., Ueno, H., Imanishi, N., Takeda, Y., Sammes, N., Phillipps, M.B. Gd$_{1-x}$A$_x$MnO$_3$ and Gd$_{1-x}$A$_x$CoO$_3$ (A=Ca,Sr) for the electrode of solid oxide fuel cells 81791
Yamamoto, O. *see* Hara, T. 70940
Yamamoto, O. *see* Hara, T. 91209
Yamamoto, O. *see* Hayashi, K. 81813
Yamamoto, O. *see* Ikuina, K. 94139
Yamamoto, O. *see* Mizutani, Y. 81780
Yamamoto, O. *see* Sammes, N.M. 81797
Yamamoto, O. *see* Ting-Lian Wen 81796
Yamamoto, O. *see* Dokiya, M. *(editor)* 72057
Yamamoto, R. *see* Kyuno, K. 75195
Yamamoto, R.M., Bowers, J.M., Harvey, A.R., Holmes, R.M., James, G.F., Libkind, M.A., Martin, R.W., Mullins, L.E., Thomas, J.N., Wong, W.J., Aronson, S.H., Kahn, S.A., Kroon, P.J., Shea, T.K., Schlueter, R.D., Sondheim, W.E. The PHENIX detector magnet subsystem 90187
Yamamoto, R.M. *see* Harvey, A.R. 90188
Yamamoto, R.M. *see* Swan, J.M. 90057
Yamamoto, S. Undersea lightwave systems 78674
Yamamoto, S., Andou, T., Kurisu, H., Matsuura, M., Doi, T., Tamari, K. Recording characteristics of Co-γFe$_2$O$_3$ perpendicular magnetic recording media 64426
Yamamoto, S., Ara, T., Sugiura, M., Sawaki, J., Matsuse, K. A design method of two-degree-of-freedom PID position controller for linear servo motor drives 112441
Yamamoto, S., Iida, H., Miura, S., Kanno, I. Development of a 2-dimensional gamma ray position sensitive detector for PET 90323
Yamamoto, S., Nakamura, J., Migitaka, M. High-mobility thin-film transistor fabricated using hydrogenated amorphous silicon deposited by discharge of disilane 92812
Yamamoto, S., Okuda, N., Murai, T. Electrical technology for water treatment plants 71959
Yamamoto, S., Sato, K., Kurisu, H., Matsuura, M. Co-Cr films prepared by sputtering using electron cyclotron resonance microwave plasma 61357
Yamamoto, S., Sato, K., Kurisu, H., Matsuura, M., Hirono, S., Maeda, Y. Perpendicular Co-Cr magnetic recording media prepared by sputtering using ECR microwave plasma 115772
Yamamoto, S. *see* Abe, M. 81965
Yamamoto, S. *see* Ara, T. 91501
Yamamoto, S. *see* Fujimoto, K. 109473
Yamamoto, S. *see* Iinuma, K. 64119
Yamamoto, S. *see* Kawasaki, R. 78039
Yamamoto, S. *see* Korechika, T. 122056
Yamamoto, S. *see* Kurisu, H. 82660
Yamamoto, S. *see* Kuriyama, K. 114618
Yamamoto, S. *see* Miwa, S. 89450
Yamamoto, S. *see* Onaka, K. 119595
Yamamoto, S. *see* Rudolph, P. 92668
Yamamoto, S. *see* Shimatani, N. 114892
Yamamoto, S. *see* Sugiura, M. 91807
Yamamoto, S. *see* Takazawa, I. 84128
Yamamoto, S. *see* Tanaka, M. 97363
Yamamoto, S. *see* Tomobe, K. 104517
Yamamoto, S. *see* Yamada, K. 89502
Yamamoto, S.-I. *see* Okumura, T. 63116
Yamamoto, S.Y., Vier, D.C., Schultz, S. High resolution contact recording and diagnostics with a raster-scanned MR head 115714
Yamamoto, T. Fracture process and characteristics of acoustic emission in static load tests for notched FRP plates 61501
Yamamoto, T., Bekki, K., Sawa, K. A study on brush wear under commutation arcs in gasoline 112001
Yamamoto, T., Inoue, M., Isamoto, K., Hirano, T., Fujii, T. Magneto-optical Faraday effect of discrete magnetic films with one-dimensional quasi-random array structures 106503
Yamamoto, T., Itoh, H., Mori, M., Mori, N., Abe, T. Application of mica glass-ceramics as gas-sealing materials for SOFC 81774
Yamamoto, T., Morizumi, Y., Okamoto, M., Tanaka, Y., Fukuoka, N., Hatoh, H. Pretilt-angle control of liquid-crystal alignment by using projections on substrate surfaces for dual-domain TN-LCD 110300
Yamamoto, T., Nakamura, N., Ono, T., Takayanagi, N., Hirose, H., Nagata, K., Funada, S., Miyazawa, K., Satoh, A., Saitoh, M. Multimedia time division multiplexer 98895
Yamamoto, T., Sawa, K. Influence of oxygen concentration and humidity on palladium oxide formation by a mechanochemical reaction 62419
Yamamoto, T., Suganuma, H., Saitoh, Y., Maruyama, T., Inoue, T. Excimer-type electroluminescence and carrier-transporting properties of electron-accepting π-conjugated polymers 106945
Yamamoto, T., Suzuki, Y., Sugimura, H., Nakagiri, N. SiO$_2$/Si system studied by scanning capacitance microscopy 84033
Yamamoto, T., Yamaguchi, M., Hirabayashi, K., Matsuo, S., Amano, C., Nakano, Y., Fukushima, S., Kurokawa, T., Koyabu, K. Digital free-space photonic switching modules using exciton absorption reflection switch (EARS) arrays 78320
Yamamoto, T. *see* Abe, K. 90317
Yamamoto, T. *see* Chonan, S. 84725
Yamamoto, T. *see* Funato, S. 105772
Yamamoto, T. *see* Hisano, K. 69554
Yamamoto, T. *see* Homma, A. 69608
Yamamoto, T. *see* Honda, K. 70666
Yamamoto, T. *see* Imai, T. 116415
Yamamoto, T. *see* Inaba, N. 64454
Yamamoto, T. *see* Itoh, H. 81815
Yamamoto, T. *see* Kikuchi, M. 106704
Yamamoto, T. *see* Kobayashi, H. 65367
Yamamoto, T. *see* Kobayashi, T. 64620
Yamamoto, T. *see* Mori, M. 81839
Yamamoto, T. *see* Nakagiri, N. 63112
Yamamoto, T. *see* Nakagomi, S. 85272
Yamamoto, T. *see* Ochiai, B.Y. 84365
Yamamoto, T. *see* Ohmori, H. 75099
Yamamoto, T. *see* Ooba, N. 85046
Yamamoto, T. *see* Sasada, I. 64463
Yamamoto, T. *see* Seki, M. 109915
Yamamoto, T. *see* Shoji, M. 115665
Yamamoto, T. *see* Sumiyoshi, F. 95561
Yamamoto, T. *see* Suzuki, H. 84914
Yamamoto, T. *see* Tabe, M. 114942
Yamamoto, T. *see* Tadokoro, M. 121753
Yamamoto, T. *see* Takada, J. 68259
Yamamoto, T. *see* Takebe, T. 72821
Yamamoto, T. *see* Tanaka, S. 95775
Yamamoto, T. *see* Watanabe, T. 61285
Yamamoto, T. *see* Yamada, Y. 83822
Yamamoto, Y. Squeezing and controlled spontaneous emission in semiconductor lasers 65294
Yamamoto, Y., Hayafuji, N., Fujii, N., Kadoiwa, K., Yoshida, N., Sonoda, T., Takamiya, S. Donor passivation in n-AlInAs layers by fluorine 63774
Yamamoto, Y., Isshiki, H., Nakamura, T. Instantaneous measurement of electrical parameters in a palm during electrodermal activity 70119
Yamamoto, Y., Yamaguchi, S., Yamada, N., Matsumoto, T., Kondo, Y. Deterioration of the frequency-conversion efficiency of a LiTaO$_3$ waveguide device with nonlinear quasi-phase-matched second-harmonic generation 96623
Yamamoto, Y., Yamaguchi, T., Demizu, Y., Tanaka, T., Yoshida, A. Fabrication and characterization of CuIn(S$_x$Se$_{1-x}$)$_2$ thin films deposited by r.f. sputtering 113501
Yamamoto, Y. *see* Cao, H. 107411
Yamamoto, Y. *see* Chuang, I.L. 64857
Yamamoto, Y. *see* Hoshino, T. 102651
Yamamoto, Y. *see* Huang, D. 83819
Yamamoto, Y. *see* Iwatsuki, M. 62663
Yamamoto, Y. *see* Kato, H. 71624
Yamamoto, Y. *see* Katsuyama, T. 85037
Yamamoto, Y. *see* Katsuyama, Y. 99488
Yamamoto, Y. *see* Kikuchi, Y. 106640
Yamamoto, Y. *see* Kim, J. 116255
Yamamoto, Y. *see* Matsukura, N. 84731
Yamamoto, Y. *see* Mori, T. 95389
Yamamoto, Y. *see* Mori, T. 119647
Yamamoto, Y. *see* Nagayoshi, H. 63268
Yamamoto, Y. *see* Nagayoshi, H. 105621
Yamamoto, Y. *see* Shinohara, K. 121183
Yamamoto, Y. *see* Sugie, T. 95292
Yamamoto, Y. *see* Tobe, M. 87620
Yamamoto, Y. *see* Uesu, Y. 107567
Yamamoto, Y. *see* Yamada, N. 76171
Yamamoto, Y. *see* Yamaguchi, T. 113411
Yamamoto, Y. *see* Yoshida, Y. 91106
Yamamoto, Y. *see* Ystesund, K. 110032
Yamamuka, M., Kawahara, T., Yuuki, A., Ono, K. Reaction mechanism and electrical properties of (Ba,Sr)TiO$_3$ films prepared by liquid source chemical vapor deposition 72870
Yamamuka, M. *see* Horikawa, T. 113935
Yamamuka, M. *see* Horikawa, T. 115444
Yamamura, H., Kohno, R. Analysis of CDMA with multi-dimensional coded modulation in fading channel 68066
Yamamura, I. *see* Sugino, T. 63106
Yamamura, K. An algorithm for representing non-separable functions by separable functions 92574
Yamamura, K., Sekiguchi, T. Homotopy methods for finding stable operating points of nonlinear resistive circuits 113709
Yamamura, K., Tokue, A., Kawata, H. Finding all solutions of nonlinear resistive circuits by interval analysis 113710
Yamamura, K. *see* Atarasi, H.O. 83509
Yamamura, K. *see* Hazumi, M. 100854
Yamamura, N. *see* Matsunami, S. 102078
Yamamura, S. *see* Tada, H. 96250
Yamamura, T., Tagawa, H., Saito, T., Mizusaki, J., Kamitani, K., Hirano, K., Ehara, S., Takagi, T., Hishinuma, Y., Sasaki, H., Sogi, T., Nakamura, Y., Hashimoto, K. Reaction kinetics at the nickel pattern electrode on YSZ and its dependence on temperature 81826
Yamamura, T. *see* Fujii, N. 108956
Yamamura, T. *see* Matsuhisa, Y. 87063
Yamamura, T. *see* Ohnishi, N. 67317
Yamamura, T. *see* Tohjo, H. 77856
Yamamuro, K. *see* Tachiki, M. 75035
Yamana, M. *see* Yoshino, H. 105775
Yamanaka, A. *see* Inoue, K. 94466
Yamanaka, C. *see* Asakawa, M. 96555
Yamanaka, C. *see* Chen, J. 96531
Yamanaka, C. *see* Fujita, M. 96451
Yamanaka, C. *see* Furukawa, H. 96508
Yamanaka, C. *see* Goto, M. 96511
Yamanaka, C. *see* Kiriyama, H. 96696
Yamanaka, C. *see* Miyamoto, S. 69601
Yamanaka, C. *see* Ohigashi, N. 110518
Yamanaka, C. *see* Srinivasan, N. 85706
Yamanaka, C. *see* Srinivasan, N. 116663
Yamanaka, C. *see* Uchida, S. 81132
Yamanaka, C. *see* Yasuda, H. 76313
Yamanaka, F. *see* Hayakawa, T. 107299
Yamanaka, H. Graphical solution of dielectric constant measurement by the standing wave method 100272
Yamanaka, H., Saito, H., Yamada, H., Kondoh, H., Notani, H., Matsuda, Y., Oshima, K. Shared multibuffer ATM switches with hierarchical queueing and multicast functions 109311
Yamanaka, H. *see* Huard, J.-F. 108860
Yamanaka, H. *see* Kitamura, T. 116098
Yamanaka, H. *see* Nishii, J. 106853
Yamanaka, J. *see* Avrillon, S. 80033
Yamanaka, J. *see* Avrillon, S. 100851
Yamanaka, J. *see* Ikeda, H. 69863
Yamanaka, J. *see* Ikeda, H. 100804
Yamanaka, J. *see* Saitoh, Y. 80027
Yamanaka, J. *see* Saitoh, Y. 100838
Yamanaka, J. *see* Sugiki, T. 67194
Yamanaka, J. *see* Tsuboyama, T. 100836
Yamanaka, K. *see* Asano, K. 79685
Yamanaka, K. *see* Cho, H. 89574
Yamanaka, K. *see* Cho, H. 104216
Yamanaka, K. *see* Hirakawa, K. 105263
Yamanaka, K. *see* Ishii, S. 61950
Yamanaka, K. *see* Katori, K. 109013
Yamanaka, K. *see* Nishino, H. 111348
Yamanaka, K. *see* Sato, H. 82789
Yamanaka, K. *see* Vosseburger, M. 62814
Yamanaka, K. *see* Vosseburger, M. 114726
Yamanaka, K. *see* Wang, S. 114779
Yamanaka, M. *see* Kiriyama, H. 96696
Yamanaka, M. *see* Matsuura, H. 83491
Yamanaka, M. *see* Srinivasan, N. 116663
Yamanaka, N., Oki, E. Flexible multi-QoS logical ATM network (Full-Net) 87561
Yamanaka, N., Pitcho, F., Sato, H. Performance evaluation of an ATM connection with several cell flow components 77705
Yamanaka, N., Shiomoto, K., Hasegawa, H. ALPEN: a simple and flexible ATM network based on multi protocol emulation at edge nodes 67843
Yamanaka, N. *see* Doi, Y. 98998
Yamanaka, N. *see* Genda, K. 78314
Yamanaka, N. *see* Genda, K. 118716
Yamanaka, N. *see* Kasukawa, A. 85515
Yamanaka, N. *see* Kasukawa, A. 85518
Yamanaka, N. *see* Kurimoto, T. 109304
Yamanaka, N. *see* Matsumura, T. 73053
Yamanaka, N. *see* Oki, E. 77601
Yamanaka, N. *see* Oki, E. 98901
Yamanaka, N. *see* Oki, E. 108754
Yamanaka, N. *see* Sakasai, K. 80085
Yamanaka, N. *see* Sakasai, K. 100876
Yamanaka, N. *see* Sato, Y. 77863
Yamanaka, N. *see* Yokouchi, N. 65199
Yamanaka, N. *see* Yokouchi, N. 107265
Yamanaka, R. *see* Kobayashi, H. 114010
Yamanaka, R. *see* Srinivasan, N. 85706
Yamanaka, S. Residential photovoltaic power system 71183
Yamanaka, S., Ueda, T., Yamada, K., Takahashi, K., Takahashi, K., Yusa, K. Development of high-voltage CMOS driver for PDPs and VFDs 79632
Yamanaka, S. *see* Goto, T. 83384
Yamanaka, S. *see* Hayashi, K. 94278
Yamanaka, S. *see* Hayashi, K. 94783
Yamanaka, T. Laser triggered lightning–scenarios and issues 81159
Yamanaka, T., Shimomura, N., Ino, S. Observation of the growth modes of In on Ga-covered Si(111) surfaces by using ultra-high-vacuum scanning electron microscopy 72848
Yamanaka, T., Wakita, K., Yokoyama, K. Potential chirp-free characteristics (negative chirp parameter) in electroabsorption modulation using a wide tensile-strained quantum well structure 74389
Yamanaka, T. *see* Fang, S.J. 62681
Yamanaka, T. *see* Kim, E.S. 76257
Yamanaka, T. *see* Kiriyama, H. 96696
Yamanaka, T. *see* Kitamura, T. 105733
Yamanaka, T. *see* Shimizu, A. 84072
Yamanaka, T. *see* Uchida, S. 81132
Yamanaka, T. *see* Yasuda, H. 76313
Yamanaka, T. *see* Yoshida, H. 65124
Yamanaka, Y., Miyamoto, S., Shinozuka, T., Morinaga, N. Characteristics of electromagnetic disturbance from microwave ovens and interference with digital radio communications systems 68116
Yamanaka, Y. *see* Shinozuka, T. 99392
Yamanaka Yasushi *see* Yasushi Yamanaka
Yamanashi, H., Kanno, T., Etoh, A., Kando, M. Deposition of silicon compound thin films in DC discharge plasma using hydrogen-hexamethyldisilane gas mixture 92852
Yamanashi, M. A new approach to optimum design in thermoelectric cooling systems 121906
Yamane, H. *see* Awaji, S. 95404
Yamane, H. *see* Motomitsu, T. 66241
Yamane, I. *see* Ohmori, C. 90025

Yamane, K., Ohtsuka, K. New models of gas insulated transformer series 121549
Yamane, K. *see* Tanaka, S. 80686
Yamane, M., Sasaki, K., Abe, Y., Kawamura, M., Noya, A. Study on the reason of heat-proof property and the reduction of oxide thickness of Ta_2N anodized capacitor 93955
Yamane, M. *see* Kamozaki, K. 67977
Yamane, M. *see* Yoshino, T. 76026
Yamane, N., Morikawa, Y., Hamada, H. Improvement of image quality of extrapolative prediction-discrete sine transform coding 98303
Yamane, T., Ikeda, T., Orita, T., Tateishi, T. Fluid dynamics of turbo pumps for artificial hearts 90607
Yamane, T. *see* Yamada, S. 93390
Yamane, Y. *see* Misawa, T. 121318
Yamani, Z. *see* Thompson, W.H. 114937
Yamanishi, K.-I. *see* Hiramatsu, K. 82729
Yamanishi, M., Watanabe, K., Jikutani, N., Ueda, M. Sub-Poissonian photon-state generation by Stark-effect blockade of emissions in a semiconductor diode driven by a constant-voltage source 64964
Yamano, C. *see* Takizawa, Y. 108233
Yamano, H. *see* Hyuk-Joo Kwon 92732
Yamano, K. Development of rail fastening robot–labor saving in railroad maintenance 60525
Yamano, K. *see* Fujimaki, H. 63911
Yamano, K. *see* Kobayashi, K. 93278
Yamano, M., Ghorayeb, S.R. A new approach to ultrasonic image reconstruction 113594
Yamano, N., Matsumoto, K., Ishida, H., Ando, H., Ito, S. 7.2 kV high performance switchgear 121792
Yamano, Y., Fukuchi, Y. Decrease in ac partial discharges on insulating materials by use of dye additives 84704
Yamano, Y. *see* Tsurumizu, T. 64057
Yamanoi, Y., Tanaka, K.H., Takasaki, M., Saito, Y., Yahata, K., Kato, K., Ito, S., Iwanaga, K., Sinozuka, N., Tsukada, S. Development of radiation-resistant magnet coils for high-intensity beam lines. II. Completely inorganic insulated coils 90050
Yamanouchi, K., Aoki, K., Tsuji, T., Wagatsuma, Y. 10 GHz surface acoustic wave filters with narrow-gap interdigital transducer structure 84734
Yamanouchi, K., Odagawa, H., Meguro, T. 5 GHz low-loss SAW filters 84748
Yamanouchi, K., Terashima, T. 2 GHz range low loss IIDT filters using narrow gap IDT structure and new cross-over techniques 104667
Yamanouchi, K. *see* Hayden, R.K. 74394
Yamanouchi, K. *see* Meguro, T. 104666
Yamanouchi, K. *see* Odagawa, H. 84741
Yamanouchi, K. *see* Takeuchi, M. 111355
Yamanouchi, K. *see* Takeuchi, Y. 104669
Yamanouchi, Y., Noguchi, H., Enami, K., Kato, D., Abe, K. Real-time locus indication system for a flying golf ball 99739
Yamanouchi, Y. *see* Hayashi, M. 109882
Yamanoue, Y. *see* Mitsumine, H. 109960
Yamao, T. *see* Gupta, S. 110177
Yamao, Y. *see* Ito, S. 118892
Yamaoka, A. *see* Osorio, P. 99871
Yamaoka, H., Yamamoto, A., Makida, Y., Kimura, N., Tanaka, K., Hirabayashi, H., Ruber, R., Calen, H., Takasu, N., Doi, T., Abe, S. A thin superconducting solenoid magnet for the WASA detector 90189
Yamaoka, H. *see* Naihao Song 89627
Yamaoka, H. *see* Yamamoto, A. 89625
Yamaoka, K., Sakai, Y. A packet routing based on game theory 77780
Yamaoka, K., Yoshida, T., Sakai, Y., Ichikawa, A. Media synchronization method for motion video based on buffer control 77841
Yamaoka, K. *see* Ahmadi, M.R. 77779
Yamaoka, K. *see* Fujiwara, N. 111681
Yamaoka, K. *see* Ichikawa, A. 99750
Yamaoka, K. *see* Kobayashi, S. 90168
Yamaoka, M. *see* Susaki, Y. 71379
Yamaoka, M. *see* Susaki, Y. 121548
Yamaoka, S. *see* Iwasawa, C. 81820
Yamaoka, S. *see* Nagata, M. 81765
Yamaoka, T. *see* Tamaoki, N. 95638
Yamaoka, Y., Saito, T., Sato, Y., Morita, R., Yamashita, M. Dynamics of third-order nonlinearity of nonresonant organic solutions by femtosecond pump-probe spectroscopy 85585
Yamaoka, Y. *see* Morigami, M. 94866
Yamaoka, Y. *see* Saito, T. 116665
Yamasa, Y. *see* Haryu, K. 117066
Yamasaki, A., Chulsoon Kim, Morishita, R., Tajima, Y., Gondo, S. Sinusoidal signal generator for the study of dynamic behavior of biosensors 79585
Yamasaki, A. *see* Fujita, S. 100239
Yamasaki, H. *see* Horinouchi, S. 85674
Yamasaki, H. *see* Horinouchi, S. 116724
Yamasaki, H. *see* Tsuji, K. 81913
Yamasaki, J. *see* Soeda, M. 75111
Yamasaki, J. *see* Takajo, M. 64198
Yamasaki, J. *see* Yano, N. 115549
Yamasaki, K. *see* Harada, K. 121545
Yamasaki, K. *see* Hino, S. 78327
Yamasaki, M. *see* Kabuo, H. 61946
Yamasaki, M. *see* Kabuo, H. 93477
Yamasaki, M. *see* Sato, K. 74953
Yamasaki, S., Mizutani, N., Matsuda, N., Kawai, J., Takada, Y., Uehara, G., Kado, H. Fabrication and characterization of the SQUID with Nb/Al-AlO_x-Al/Nb edge junctions 84894
Yamasaki, S., Terayama, K., Yano, J. Poly(p-phenylene terephthalamide) film immobilizing oligomer species as a colored matrix for three-color electrochromic displays 115989
Yamasaki, S. *see* Tanaka, Y. 110183
Yamasaki, T., Nakamura, K. New M16C Series 16 b microcomputers 104572
Yamasaki, T. *see* Nakamura, K. 73405
Yamasaki, T. *see* Terakura, K. 82706
Yamasaki, Y. *see* Far, B.H. 109300
Yamasawa, A. *see* Kawahito, S. 110119
Yamasawa, K. *see* Hidaka, M. 121520
Yamasawa, K. *see* Inoue, N. 121159
Yamasawa, K. *see* Karasawa, K. 115737
Yamasawa, K. *see* Kurota, G. 114351
Yamasawa, K. *see* Mikoshiba, T. 100316
Yamashiki, T. *see* Beniya, N. 121814
Yamashina, H. *see* Okumura, S. 92310
Yamashina, M., Hagino, T., Tanaka, T. A study on mobile multi-media terminal construction for PHS 67981
Yamashina, M. *see* Iima, T. 61705
Yamashina, M. *see* Iima, T. 93206
Yamashina, M. *see* Izumikawa, M. 61895
Yamashina, M. *see* Izumikawa, M. 93378
Yamashina, M. *see* Mizuno, M. 61853
Yamashina, M. *see* Mizuno, M. 73194
Yamashiro, T. *see* Adachi, K. 80867
Yamashiro, Y., Yonesu, A., Hashi, S., Ishiyama, K., Arai, K.I. Magnetic properties of 3%Si-Fe thin sheets annealed in Ar atmosphere 64210
Yamashiro, Y. *see* Bi, X.F. 115571
Yamashiro, Y. *see* Hashi, S. 115580
Yamashita, A. Capacitance-voltage hysteresis of an electrolyte-GaAs Schottky contact associated with field-enhanced trapping of hot electrons 94643
Yamashita, A., Amano, T., Hirayama, Y., Itoh, N., Katoh, S., Mano, T., Toyokawa, K. A document recognition system and its applications 108569
Yamashita, A., Kawamura, R., Hadama, H. Dynamic VP rearrangement in an ATM network 77798
Yamashita, A. *see* Handa, S. 66262
Yamashita, A. *see* Ohsawa, I. 61484
Yamashita, E. *see* Georgieva, N. 97238
Yamashita, E. *see* Ishikawa, T. 73780
Yamashita, E. *see* Ishikawa, T. 93855
Yamashita, E. *see* Kishi, N. 95692
Yamashita, E. *see* Ma, Z. 93659
Yamashita, E. *see* Yongxi Qian 97364
Yamashita, E. *see* Yongxi Qian 114224
Yamashita, E. *see* Zhewang Ma 97233
Yamashita, H., Cingoski, V., Mikami, M., Kaneda, K. Visual computing concept in finite element analysis 107740
Yamashita, H., Yamaji, A., Cingoski, V., Kaneda, K. A novel tetrahedral mesh generation method for rotating machines including end-coil region 71250
Yamashita, H. *see* Cingoski, V. 65649
Yamashita, H. *see* Cingoski, V. 65703
Yamashita, H. *see* Durikovic, R. 87106
Yamashita, H. *see* Fujiwara, S. 92012
Yamashita, H. *see* Ishihara, T. 78206
Yamashita, H. *see* Ishihara, T. 98857
Yamashita, H. *see* Izaki, K. 91966
Yamashita, H. *see* Maruyama, K. 100989
Yamashita, H. *see* Tanaka, N. 69283
Yamashita, H. *see* Tomonaga, H. 99024
Yamashita, H. *see* Yamazawa, K. 64044
Yamashita, I., Shimoura, K., Seikai, S. Er^{3+} doped fibre pre-amplifier with subsidiary EDF for application in WDM systems using two separate wavelength bands of 1.53 and 1.55 μm 99560
Yamashita, I., Shimoura, K., Seikai, S., Fukuoka, T. Er^{3+} doped fibre amplifier operating at wavelengths of 1.55 and 1.60 μm 75829
Yamashita, J. *see* Mochida, T. 81253
Yamashita, J.-I. *see* Mochida, T. 121331
Yamashita, K. Foundation of image compression technology 67352
Yamashita, K., Deki, H., Miyazaki, S., Hirose, M. Modulation doping in a-Si:H/a-Ge:H multilayer structures 94685
Yamashita, K. *see* Adachi, N. 67564
Yamashita, K. *see* Azegami, K. 61785
Yamashita, K. *see* Harima, Y. 94580
Yamashita, K. *see* Kamoto, T. 61868
Yamashita, K. *see* Kita, T. 62857
Yamashita, K. *see* Minamihara, S. 79165
Yamashita, K. *see* Nakachi, K. 117778
Yamashita, K. *see* Nakachi, T. 114054
Yamashita, K. *see* Nakama, T. 70688
Yamashita, K. *see* Ohmura, M. 94283
Yamashita, M., Kameda, T. Computing functions on asynchronous anonymous networks 78083
Yamashita, M., Sone, H., Morita, R. Proposal for generation of a coherent pulse ultra-broadened from near-infrared to near-ultraviolet and its monocyclization 116402
Yamashita, M., Wajiki, A., Mito, A., Chen Lingbing, Morinaga, A., Tako, T. Anisotropy of χ^3 of tin-phthalocyanine deposition film 76166
Yamashita, M. *see* Ishida, M. 92704
Yamashita, M. *see* Itoh, T. 106788
Yamashita, M. *see* Kato, I. 104161
Yamashita, M. *see* Morita, R. 75505
Yamashita, M. *see* Morita, R. 107528
Yamashita, M. *see* Nankaku, N. 98875
Yamashita, M. *see* Saito, T. 116665
Yamashita, M. *see* Sato, N. 88747
Yamashita, M. *see* Shiroshita, T. 78232
Yamashita, M. *see* Sugiura, A. 118805
Yamashita, M. *see* Takai, M. 73990
Yamashita, M. *see* Takai, M. 83740
Yamashita, M. *see* Yamaoka, Y. 85585
Yamashita, N. *see* Tseng, P. 92547
Yamashita, O. *see* Iima, Y. 98892
Yamashita, R. *see* Oda, T. 112638
Yamashita, S., Hotate, K. Multiwavelength erbium-doped fibre laser using intracavity etalon and cooled by liquid nitrogen 85395
Yamashita, S. *see* Asano, T. 74028
Yamashita, S. *see* Ishikawa, Y. 73664
Yamashita, S. *see* Rudolph, P. 92668
Yamashita, S. *see* Sato, A. 114578
Yamashita, S. *see* Takushima, Y. 65100
Yamashita, T., Hattori, N., Hasemi, A. Development of the optical fiber transfer system for TTNet 118659
Yamashita, T., Matsomoto, T., Shimada, T., Akebi, Y., Kubo, M., Fujioka, K., Tsubota, K., Yoshimura, Y., Takafuji, Y., Awane, K. A very small poly-Si TFT-LCD for HDTV projectors 88839
Yamashita, T., Tachiki, M. Single-crystal switching gates fabricated using cuprate superconductors 106686
Yamashita, T. *see* Awai, I. 93746
Yamashita, T. *see* Chen, J. 64550
Yamashita, T. *see* Matsuo, H. 91206
Yamashita, T. *see* Mizugaki, Y. 83055
Yamashita, T. *see* Nozue, T. 115910
Yamashita, T. *see* Onomi, T. 115916
Yamashita, T. *see* Otomo, S. 75196
Yamashita, T. *see* Satoh, N. 90346
Yamashita, T. *see* Satoh, N. 101117
Yamashita, T. *see* Shiono, K. 98609
Yamashita, T. *see* Tang, K. 115829
Yamashita, Y. Sub-0.1 μm patterning with high aspect ratio of 5 achieved by preventing pattern collapse 63509
Yamashita, Y., Namba, K., Nakato, Y., Nishioka, Y., Kobayashi, I. Spectroscopic observation of interface states of ultrathin silicon oxide 63169
Yamashita, Y., Wada, T., Miyai, H., Katayama, T., Tuji, S., Yamamoto, I., Saito, K. An altazimuthal counter telescope with a magnet spectrometer tracing Cygnus X–3 90149
Yamashita, Y. *see* Katsuki, A. 112884
Yamashita, Y. *see* Kobayashi, H. 94605
Yamashita, Y. *see* Kobayashi, H. 95091
Yamashita, Y. *see* Morigami, M. 94866
Yamashita, Y. *see* Otsu, T. 78605
Yamashita, Y. *see* Shibata, T. 62113
Yamashita, Y. *see* Shibata, T. 73611
Yamashita, Y. *see* Tsuboi, S. 74657
Yamashita, Y. *see* Watanabe, S. 106266
Yamata, A., Ohta, M. Super low bit-rate video coding using video templates 117554
Yamataka, K. *see* Morita, H. 99690
Yamatani, T. *see* Nakanishi, H. 110295
Yamato, K. *see* Kamiura, N. 61829
Yamato, K. *see* Yoshio, M. 81705
Yamauchi, A. *see* Kinoshita, H. 92808
Yamauchi, D. *see* Goel, J. 83466
Yamauchi, E. *see* Hasegawa, K. 78271
Yamauchi, H., Matsuzawa, A. A signal-swing suppressing strategy for power and layout area savings using time-multiplexed differential data-transfer scheme 104648
Yamauchi, H., Okada, S., Miyamoto, H., Kanaya, M., Habata, N. A single-chip video CD decoder LSI 79144
Yamauchi, H. *see* Karppinen, M. 106663
Yamauchi, H. *see* Shoji, M. 115665
Yamauchi, H. *see* Suguri, K. 77531
Yamauchi, H. *see* Tashiro, Y. 78270
Yamauchi, H. *see* Wu, W. 80218
Yamauchi, H. *see* Zheng Guoqing 75322
Yamauchi, J., Saito, O., Sekiguchi, M., Nakano, H. Polarization dependence of pure bending loss in slab optical waveguides 95715
Yamauchi, J., Shibayama, J., Saito, O., Uchiyama, O., Nakano, H. Improved finite-difference beam-propagation method based on the generalized Douglas scheme and its application to semivectorial analysis 116976
Yamauchi, J., Shibayama, J., Sekiguchi, M., Nakano, H. Improved multistep method for wide-angle beam propagation 106835
Yamauchi, J. *see* Nakano, H. 117082
Yamauchi, K., Mori, K., Nakayama, M., Itoh, Y., Mitsui, Y., Ishida, O. A novel series diode linearizer for mobile radio power amplifiers 88284
Yamauchi, K. *see* Kurata, K. 96299
Yamauchi, M. *see* Shirai, S. 89277
Yamauchi, M. *see* Someya, T. 62992
Yamauchi, M. *see* Wakatsuki, N. 106393
Yamauchi, R. *see* Okude, S. 75446
Yamauchi, R. *see* Suzaki, S. 85098
Yamauchi, T. Trends of computer technology 101947
Yamauchi, T., Morooka, Y., Ozaki, H. A low power and high speed data transfer scheme with

asynchronous compressed pulse width modulation for AS-Memory 61893
Yamauchi, T., Morooka, Y., Ozaki, H. A low power and high speed data transfer scheme with asynchronous compressed pulse width modulation for AS-memory 93376
Yamauchi, T. *see* Murabayashi, F. 73459
Yamauchi, T. *see* Sasada, I. 64463
Yamauchi, T. *see* Sasagawa, K. 112888
Yamauchi, T. *see* Shimoyama, K. 74641
Yamauchi, T. *see* Wei Chen 71885
Yamauchi, T. *see* Wei Chen 122071
Yamauchi, Y. *see* Fukuda, I. 81708
Yamauchi, Y. *see* Kaku, S. 104347
Yamauchi, Y. *see* Uwai, K. 105694
Yamauchi, Y. *see* Yamamoto, A. 104069
Yamaura, H., Tamaki, J., Miura, N., Yamazoe, N. NO_x sensing properties of metal titanate based semiconductor sensor at elevated temperature 89182
Yamaura, H. *see* Kawahara, K. 86983
Yamaura, S. *see* Ando, H. 103859
Yamaura, S. *see* Ishii, Y. 68747
Yamawaki, H., Saito, T. Detection of ultrasonic longitudinal and shear waves using optical heterodyne interferometer 89577
Yamawaki, H., Saito, T., Fukuhara, H., Masuda, C., Tanaka, Y. Noncontact ultrasonic imaging of subsurface defects using a laser-ultrasonic technique 82790
Yamawaki, K. *see* Saraie, J. 74217
Yamawaki, M., Kawashima, H., Murata, N., Andoh, F., Sugawara, M., Fujita, Y. A pixel size shrinkage of amplified MOS imager with two-line mixing 69248
Yamawaki, M. *see* Itsumi, M. 94772
Yamawaki, M. *see* Sekiguchi, T. 74800
Yamawaki, M. *see* Watabe, K. 106210
Yamawaki, N. *see* Kosako, H. 60863
Yamawaki, T. *see* Nitta, Y. 71717
Yamazaki, A., Tutumi, Y., Yonezawa, T. Relation between pulse generating phase and that of the adjacent pulse at tree discharge 70923
Yamazaki, A. *see* Dosaka, K. 61894
Yamazaki, A. *see* Dosaka, K. 73335
Yamazaki, A. *see* Dosaka, K. 93377
Yamazaki, A. *see* Shimizu, T. 73431
Yamazaki, A. *see* Ueno, S. 112878
Yamazaki, H. *see* Homma, A. 69608
Yamazaki, H. *see* Imada, S. 75146
Yamazaki, H. *see* Maruyama, K. 100989
Yamazaki, I., Akiba, T., Tamochi, R., Kumada, T. Microscopy and analysis of wafer particles using a semiconductor defect review system 60693
Yamazaki, J. *see* Aizawa, K. 69285
Yamazaki, J. *see* Hama, H. 96460
Yamazaki, J. *see* Kimura, K. 96474
Yamazaki, J. *see* Nakamura, E. 89632
Yamazaki, J. *see* Nakano, Y. 119739
Yamazaki, K. On a new detection scheme of optical PPM signal 68389
Yamazaki, K. An impurity concentration observation on metal-oxide-semiconductor cross-section by scanning tunneling spectroscopy-atomic force microscopy 94623
Yamazaki, K. Generalization of 3D eddy current analysis for moving conductors due to coordinate systems and gauge conditions 96947
Yamazaki, K. Modification of 2D nonlinear time-stepping analysis by limited 3D analysis for induction machines 102718
Yamazaki, K., Tanabe, K., Ouchi, K. Application of magnetic field measurement to noncontacting voltage presence detector for high voltage transmission facilities 121082
Yamazaki, K. *see* Aoyama, H. 110358
Yamazaki, K. *see* Hisamune, K. 71070
Yamazaki, K. *see* Ishikura, M. 108853
Yamazaki, K. *see* Nojiri, K. 84160
Yamazaki, K. *see* Saitoh, W. 105979
Yamazaki, K. *see* Satow, T. 95514
Yamazaki, K. *see* Ushio, M. 71810
Yamazaki, K. *see* Watanabe, H. 111535
Yamazaki, K. *see* Yamada, T. 61835
Yamazaki, M. *see* Katoh, T. 118330
Yamazaki, M. *see* Terashima, Y. 91231
Yamazaki, O., Takahashi, S.-I. Complex coefficient reference networks with transmission zeros on imaginary axis 62032
Yamazaki, R. A method to remove phase ambiguities for diversity combining of QPSK coherent detection in land mobile channels 78484
Yamazaki, R. *see* Kato, H. 70482
Yamazaki, S., Negishi, T., Nakane, H., Hayashi, N., Yoshizawa, S. A method to evaluate cracks in a superconductive cylinder used to shield weak magnetic fields 104250
Yamazaki, S., Negishi, T., Nakane, H., Tanaka, A. Simultaneous measurement of electric and magnetic properties of a spherical sample 69431
Yamazaki, S. *see* Hatakeyama, I. 78680
Yamazaki, S. *see* Hayashi, M. 64942
Yamazaki, S. *see* Hoshi, H. 100229
Yamazaki, S. *see* Inushima, T. 83871
Yamazaki, S. *see* Katoh, H. 109589
Yamazaki, S. *see* Kawai, N. 109224
Yamazaki, S. *see* Moriyama, S. 109853
Yamazaki, S. *see* Nakahara, S. 108916
Yamazaki, S. *see* Nyu, T. 78857
Yamazaki, S. *see* Shimizu, M. 95281
Yamazaki, S. *see* Uchida, T. 61199
Yamazaki, T., Bjorkman, C.H., Miyazaki, S., Hirose, M. Local structure of ultra-thin (3-25 nm) SiO_2 thermally grown on Si(100) and (111) surfaces 63303
Yamazaki, T., Hu, J., Nakamura, K., Ueha, S. Trial construction of a noncontact ultrasonic motor with an ultrasonically levitated rotor 91566
Yamazaki, T., Kawasa, S., Hirano, Y., Sugiyama, R., Murase, F., Fujiwara, T. Earth observation data receiver equipment for NASDA 78597
Yamazaki, T., Oki, H., Okada, T. Remote installation service 87677
Yamazaki, T., Suzuki, H., Yoshida, H., Nakamura, K., Kuhara, S., Kimura, T., Takeda, M. A high performance 0.4 μm BiCMOS technology for 16 Mb fast SRAMs 63961
Yamazaki, T., Yoshino, Y., Yoshizawa, T., Yamabuchi, T., Terayama, K., Shimazaki, T., Mizuguchi, T. Pattern formation of sputtered films by deposition through mask 113466
Yamazaki, T. *see* Aoyama, T. 94771
Yamazaki, T. *see* Aoyama, T. 114931
Yamazaki, T. *see* Deura, M. 84593
Yamazaki, T. *see* Hayakawa, K. 96456
Yamazaki, T. *see* Ikeuchi, K. 88667
Yamazaki, T. *see* Kuhara, S. 73351
Yamazaki, T. *see* Kurokawa, M. 77536
Yamazaki, T. *see* Madihian, M. 99333
Yamazaki, T. *see* Niestroj, A. 80008
Yamazaki, T. *see* Ohgaki, H. 96495
Yamazaki, T. *see* Ohgaki, H. 107392
Yamazaki, T. *see* Qi, W. 83560
Yamazaki, T. *see* Yamazaki, Y. 81773
Yamazaki, T. *see* Yokoyama, M. 96469
Yamazaki, T. *see* Yoshida, H. 84230
Yamazaki, Y., Akai, K., Akasaka, N., Ezura, E., Kageyama, T., Naito, F., Shintake, T., Takeuchi, Y. An accelerator resonantly coupled with an energy storage (ARES) for the KEKB 100469
Yamazaki, Y., Komatsu, N. A feature extraction method for personal identification system based on individual characteristics 76850
Yamazaki, Y., Komatsu, N. An extraction of individual characteristics based on categorized handwriting information 108432
Yamazaki, Y., Namikawa, T., Oishi, N., Yamazaki, T. Relaxation of thermal stresses in planar SOFC stacks 81773
Yamazaki, Y., Ochiai, M., Holz, A., Hara, T. Application of neural network algorithm to CAD of magnetic systems 113659
Yamazaki, Y., Saito, T., Mitsubori, K. Bifurcation and periodic response from a hysteresis chaos generator 113706
Yamazaki, Y., Su-Jin Kim, Ochiai, M. Study on CAD system for magnetic micromachines 112021
Yamazaki, Y. *see* Akai, K. 100663
Yamazaki, Y. *see* Akasaka, N. 100664
Yamazaki, Y. *see* Fujita, M. 96451
Yamazaki, Y. *see* Hayakawa, K. 96456
Yamazaki, Y. *see* Kageyama, T. 100671
Yamazaki, Y. *see* Kamata, T. 76225
Yamazaki, Y. *see* Naito, F. 100687
Yamazaki, Y. *see* Sekito, T. 95701
Yamazaki, Y. *see* Takeuchi, Y. 100684
Yamazaki, Y. *see* Yamada, K. 81971
Yamazato, T., Katayama, M., Ogawa, A. Performance analysis of DS/SSMA with error correcting code in Rayleigh fading channel 77698
Yamazato, T., Sato, T., Okada, H., Nishida, K., Katayama, M., Ogawa, A. Performance analysis of CDMA ALOHA 99310
Yamazato, T., Sato, T., Okada, K., Katayama, M., Ogawa, A. Throughput and delay analysis of DS/SSMA unslotted ALOHA by non-perfect capture 68069
Yamazato, T. *see* Ichiba, M. 87965
Yamazato, T. *see* Ichiba, M. 118763
Yamazato, T. *see* Ishiguro, T. 99390
Yamazato, T. *see* Jamalipour, A. 78612
Yamazato, T. *see* Nakamura, H. 117140
Yamazato, T. *see* Nakamura, K. 97451
Yamazato, T. *see* Okada, H. 99105
Yamazato, T. *see* Okuda, S. 88123
Yamazato, T. *see* Okuda, S. 117243
Yamazato, T. *see* Sato, T. 68034
Yamazato, T. *see* Sato, T. 78365
Yamazato, T. *see* Sato, T. 118941
Yamazato, T. *see* Wada, T. 67515
Yamazato, T. *see* Wada, T. 118024
Yamazato, T. *see* Yabumoto, Y. 68342
Yamazawa, K., Sugiura, K., Machidori, W., Yamashita, H. Observation of prebreakdown light emission phenomena in liquid nitrogen 64044
Yamazawa, K., Yagi, Y., Yachida, M. Visual navigation with omnidirectional image sensor HyperOmni Vision 69321
Yamazoe, M. *see* Hayeiwa, K. 109343
Yamazoe, N. *see* Ando, M. 79598
Yamazoe, N. *see* Chao-Nan Xu 100160
Yamazoe, N. *see* Geyu Lu 100161
Yamazoe, N. *see* Hyodo, T. 112281
Yamazoe, N. *see* Yamaura, H. 89182
Yamin, H. *see* Aurbach, D. 81660
Yamin, H. *see* Nimberger, A. 112191
Yaming Sun *see* Sun Yaming
Yamnahakki, A. *see* Degond, P. 105864
Yamozoe, K. *see* Fettweis, G. 109283
Yampolski, Y.M. *see* Galushko, V.G. 120759
Yampolsky, Yu.M. *see* Bulgakov, S.A. 85868
Yan, A., Ganz, A., Krishna, C.M. A distributed adaptive protocol providing real-time services on WDM-based LANs 78908
Yan, A., Ganz, A., Krishna, C.M. A distributed adaptive protocol providing real-time services on WDM-based LANs 87798
Yan, B. *see* Eliat, A. 94573
Yan, C. *see* Yi, S.I. 94218
Yan, C. *see* Zhiquan, Y. 102547
Yan, C.H., Lew, A.Y., Yu, E.T., Tu, C.W. P_2–induced P/As exchange on GaAs during gas-source molecular beam epitaxy growth interruptions 103870
Yan, C.H., Tu, C.W. Study on improving $In_xGa_{1-x}As/In_yGa_{1-y}P$ heterointerfaces in gas-source molecular beam epitaxy 82690
Yan, C.H., Tu, C.W. Synthesis of highly strained $In_yGa_{1-y}P/In_xGa_{1-x}As/In_yGa_{1-y}P$ quantum well structures with strain compensation 103928
Yan, D., Ho, P. Code acquisition in a CDMA system based on Barker sequence and differential detection 87967
Yan, F. *see* Wu, X.L. 83959
Yan, H., Kwok, R.W.M., Wong, S.P. XPS studies on SiC thin layers formed by ion implantation with a metal vapor vacuum arc ion source 61302
Yan, H., Kwok, R.W.M., Wong, S.P. Formation and characterization of SiC-Si heterojunction by carbon implantation with a MEVVA ion source 84075
Yan, H., Theofanous, T.G. The prediction of direct containment heating 121296
Yan, H., Wang, Q., Awai, I. Resonant frequency shift in a MSSW-SER with excitation power 106635
Yan, H. *see* Man, W.K. 92794
Yan, H. *see* Pilch, M.M. 121293
Yan, H. *see* Prasannan, B. 70788
Yan, J., Beshai, M. Designing an ATM-based broadband network: an overview 77600
Yan, J., Gilmer, D.C., Campbell, S.A., Gladfelter, W.L., Schmid, P.G. Structural and electrical characterization of TiO_2 grown from titanium tetrakis-isopropoxide (TTIP) and TTIP/H_2O ambients 82741
Yan, J., Han, L.K., Kwong, D.L. Highly reliable chemical vapor deposited stacked oxynitride gate dielectrics fabricated by in situ rapid thermal multiprocessing 61371
Yan, J. *see* Bhat, M. 63720
Yan, J. *see* Eidensten, L. 111794
Yan, J. *see* Han, L.K. 63721
Yan, J. *see* Monahan, K. 115079
Yan, K.P. *see* Wittpahl, V. 96043
Yan, K.T., Forbes, L. Design for and the control of the channel and 1/f noise in GaAs MESFET's 74768
Yan, K.T., Forbes, L. A model for the 1/f noise corner frequency of FETs on semi-insulating substrates based on bulk phenomena: Theory and experiments 74771
Yan, K.T. *see* Forbes, L. 73573
Yan, L.L. *see* Shingyang Zhu 84580
Yan, M.F., Ling, H.C. Low sintering temperature, high dielectric constant and small temperature coefficient dielectric compositions 62383
Yan, M.F. *see* Miller, A.E. 75436
Yan, M.L. *see* Lai, W.Y. 106587
Yan, M.X.H., Karp, J.S. A fully automated algorithm for estimating attenuation length in 3D from projection data 90437
Yan, S.L. *see* Chen, L. 64558
Yan, T.-Y. *see* Tan, H.H. 109451
Yan, T.X.J., Nix, A.R., Hammuda, H. A new method of evaluating microcellular system capacity using deterministic propagation models 88165
Yan, T.X.J., Nix, A.R., Hammuda, H. The effects of modulation and urban shielding on microcellular system capacity 109485
Yan, W., Dawson, F.P. Circuit based models for understanding breakdown in a high pressure vortex waterwall argon arc lamp 112592
Yan, W. *see* Kanold, P. 99756
Yan, W. *see* Selinger, Th. 68892
Yan, W.-M. *see* Chung, K.-L. 72562
Yan, Y. *see* Byrne, B. 69780
Yan, Y. *see* Cai, Y. 79973
Yan, Y. *see* Kushawaha, V. 65128
Yan, Y. *see* Mennell, J. 69569
Yan, Y. *see* Wu, M. 117729
Yan, Y.T., Irwin, J., Cai, Y., Chen, T., Ritson, D. Swamp plots for dynamic aperture studies of PEP-II lattices 79977
Yan, Y.T. *see* Donald, M.H.R. 79978
Yan, Z., Xiang, N.D., Zhang, B.M., Wang, S.Y., Chung, T.S. A hybrid decoupled approach to optimal power flow 70732
Yan, Z. *see* Gao, N. 64103
Yan, Z. *see* Xin-Hong Hang 69447
Yan, Z.C., Goovaerts, E., Schoemaker, D., Van Hoof, C., Borghs, G. Time-resolved Stark-shift measurement of the switching time in a bistable resonant tunneling light emitting diode 116277
Yan, Z.X. *see* Deen, M.J. 84335
Yan Aru, Chen Zhongmin, Song Xiaoping, Wang Xiaotian Effect of MgO additive on coercivity, thermal stability and microstructure of Nd-Fe-B magnets 95351
Yan Aru *see* Aru Yan
Yan Chen *see* Wickboldt, P. 92837

Yan Chen *see* Chen Yan
Yan Cheung Shun *see* Shun Yan Cheung
Yan Chi *see* Chi Yan
Yan Chongguang The lightening protection device for electronic automotive weighbridge 100347
Yan Deng *see* Wakabayashi, T. 67434
Yan Dong *see* Chen Yihong 76892
Yan Feng *see* Feng Yan
Yan Fengqin *see* Song Junshou 111691
Yan Gao, Senzu Yang, Huabing Wang, Lin Kang, Zhengming Ji, Jianpin Zuo, Lin Wang, Yin Hang, Stepantsov, E. Properties of $YBa_2Cu_3O_{7-x}$ grain boundary junctions on bicrystal substrates at millimeter waveband 73698
Yan Gao *see* Jin, J.S. 66901
Yan Guirong *see* He Yubin 71257
Yan Han *see* Han Yan
Yan Hong *see* Hong Yan
Yan Houmin *see* Houmin Yan
Yan Huang *see* Xinhua Zhuang 108493
Yan Huang *see* Huang Yan
Yan Jie *see* Rong Gang 120206
Yan Jin-Tai *see* Jin-Tai Yan
Yan Jue *see* Zhu Guo-Hong 80215
Yan Jurang *see* Jurang Yan
Yan Kuin Su *see* Chun Hsing Liu 72836
Yan Kwan Ngok *see* Kwan Ngok Yan
Yan Lei Research on cylindrical or global capacitance sensor for dynamic gap measurement 79308
Yan Li *see* Chen Zhenning 112246
Yan Li *see* Shulian Zhang 79345
Yan Li *see* Li Yan
Yan Liemin *see* Chen Shanzhi 108752
Yan Lin Hoang *see* Hoang Yan Lin
Yan Liu *see* Petri, I. 115831
Yan Liu *see* Liu Yan
Yan Luguang *see* Luguang Yan
Yan Luo *see* Guohui Li 84100
Yan Man *see* Man Yan
Yan Maosong *see* Zhang Shaohua 81330
Yan Meng, Kon Max Wong, Lazaris-Brunner, K. An improved cyclic adaptative beamforming (CAB) algorithm for a multiple agile beam mobile communication system 119070
Yan Ming Li Fluorescent lamp discharge models–critical issues 71882
Yan Mu-Tyan *see* Mu-Tyan Yan
Yan Nie *see* Nie Yan
Yan Ningning *see* Brunner, H. 61084
Yan Ningning *see* Ningning Yan
Yan Rong *see* Rong Yan
Yan Rong-Liang *see* Ren Di-Yuan 95003
Yan Rongliang *see* Rongliang Yan
Yan Shi *see* Shi Yan
Yan Sun, Siegman, A.E. Optical mode properties of laterally offset gain and index guiding structures 65957
Yan Sun *see* Sun Yan
Yan Tak Woon *see* Tak Woon Yan
Yan Voon, L.C.Lew *see* Lew Yan Voon, L.C.
Yan Wang, Feng Yun, Xianbo Liao, Guanglin Kong Photovoltaic actions in MPS structure [Al(Au)/Si/p-Si] 85277
Yan Wang *see* Zhiliang Hong 82974
Yan Wei *see* Wei Yan
Yan Weili *see* Gu Junhua 107735
Yan Weili *see* Wang Youhua 71580
Yan Weili *see* Wang Youhua 102904
Yan Weili *see* Wang Zhe 102905
Yan Weili *see* Wu Qing 71583
Yan Weili *see* Wu Qing 107801
Yan Weili *see* Yang Qingxin 106620
Yan Weili *see* Zhang Huijuan 102903
Yan Weili *see* Weili Yan
Yan Wenhua *see* Lin Xianshu 71027
Yan Xiao-Ping, Ye Pei-Da Buffer capacity analysis under the influence from timing jitter in SDH system 118007
Yan Xiao-Ping, Ye Pei-Da Survivability study of SDH self-healing ring 119262
Yan Xiaolin *see* Wang Huacen 120038
Yan Xiaopu *see* Xiaopu Yan
Yan Xinshui *see* Grimaldi, M.G. 113331
Yan Xinxiang *see* Xinxiang Yan
Yan Xiong *see* Xiong Yan
Yan Xu *see* Haykin, S. 110829
Yan Yang *see* Liu Shenggang 107929
Yan Yangguang *see* Ruan Xinbo 121751
Yan Yanguang *see* Ding Luo 121749
Yan Yao *see* Jian Song 88520
Yan Yao *see* Yao Yan
Yan Yi, Dong Shuyi Experimental study of scattering characteristics of background target at 3 mm wave band 70550
Yan Yiming *see* Ding Xunliang 69906
Yan Yin, Schulte, E., Ekelof, T. Recovery of CTF beam signals from a strong wakefield background 100588
Yan Yin *see* Yin Yan
Yan Yingbai *see* Yingbai Yan
Yan Yingchao *see* Yingchao Yan
Yan Yixun *see* Wang Kangwen 95888
Yan Yixun *see* Zhu Zhencai 75603
Yan Yong *see* Yong Yan
Yan Yong-Mei, Shen Qihua, Cai Yushuang Analysis of effect of SnO_2 film form on its gas sensitivity by X-ray diffraction 69343
Yan Yonghe *see* Zhao Jijiu 119972
Yan Yuan *see* Zhu Wenyong 100147
Yan Zhang *see* Xianjun Zeng 93230
Yan Zhang *see* Zheng Mei 107719
Yan Zhang *see* Zhang Yan
Yan Zhu, Hong Yan Computerized tumour boundary detection using a Hopfield neural network 69962
Yan Zijun *see* Zijun Yan
Yan Zou *see* Zou Yan
Yan-Da Li *see* Fa-Long Luo 76905
Yan-Da Li *see* Xian-Da Zhang 66828
Yan-Fei Liu, Sen, P.C. Large-signal modeling of hysteretic current-programmed converters 61622
Yan-Fei Liu *see* Moschopoulos, G. 121569
Yan-Feng Chen *see* Li Sun 75027
Yan-Feng Chen *see* Tao Yu 115410
Yan-Feng Chen *see* Wen-Hui Ma 64073
Yan-Hua Chaing *see* Yung-Hsiang Chen 69581
Yan-Kuen Wu *see* Sy-Ming Guu 103683
Yan-Kuin Su *see* Chih-Chin Yang 63575
Yan-Kuin Su *see* Shoon-Jinn Chang 106996
Yan-Pei Wu *see* Jiann-Horng Tsay 84361
Yan-Pei Wu *see* Jiann-Horng Tsay 115182
Yan-Qing Lu *see* Xiang-Fei Chen 96621
Yan-Qing Lu *see* Ya-Lin Lu 107585
Yan-Zuo Sun *see* Sun Yan-Zuo
Yana, K. *see* Nakamitsu, T. 70085
Yanaga, O. *see* Naraki, T. 78405
Yanagawa, N. *see* Sadamoto, M. 92902
Yanagawa, N. *see* Saitoh, K. 102991
Yanagawa, R. *see* Okajima, Y. 93362
Yanagawa, S., Ishihara, H., Ohtomo, M. Analytical method for determining equivalent circuit parameters of GaAs FETs 114282
Yanagawase, A. *see* Tamaki, S. 73406
Yanagi, H., Doumi, S., Sasaki, T., Tada, H. Epitaxial growth of C_{60} crystals vapor-deposited on a KI (001) surface 113337
Yanagi, H., Tamura, N., Taira, S., Furuta, H., Douko, S., Schnurpfeil, G., Wohrle, D. An optimal design for photovoltaic properties of two-layer organic solar cells using phthalocyanine and perylene derivatives 81907
Yanagi, H. *see* Toda, Y. 116219
Yanagi, K. *see* Yongxi Qian 114224
Yanagi, N. *see* Imagawa, S. 95515
Yanagi, N. *see* Mito, T. 95525
Yanagi, N. *see* Satow, T. 95514
Yanagi, N. *see* Senba, T. 95438
Yanagi, N. *see* Takahata, K. 95516
Yanagi, S., Wada, T., Sasabe, H., Sasaki, K. Linear and nonlinear optical properties of soluble metallophthalocyanines 85635
Yanagi, S. *see* Noguchi, K. 60699
Yanagi, S. *see* Noguchi, K. 119661
Yanagi, Y. *see* Itoh, Y. 115883
Yanagi, Y. *see* Tsuchimoto, M. 64516
Yanagida, H. *see* Kunishima, Y.N. 62765
Yanagida, H. *see* Kunishima, Y.N. 89194
Yanagida, H. *see* Sang-Jin Jung 79599
Yanagida, H. *see* Traversa, E. 79379
Yanagida, K. *see* Mizuno, A. 89757
Yanagida, M. *see* Kobayashi, H. 108736
Yanagida, N., Takahashi, H., Takamatsu, Y. Multiple fault diagnosis in sequential circuits using sensitizing sequence pairs 93239
Yanagida, N. *see* Takahashi, H. 61834
Yanagida, T. *see* Kaneko, S. 88139
Yanagida, Y. *see* Sakurada, S. 64222
Yanagihara, M., Tamura, A. Ni/Ti/Pt ohmic contacts to p-GaAs for the heterojunction bipolar transistor process 74705
Yanagihara, M. *see* Sakai, H. 73805
Yanagihara, Y., Hama, H. A study of extraction of activation areas on PET images 69999
Yanagihara, Y., Kakizaki, T., Arakawa, K., Umeno, A. A multi-modal teaching-advisory system using complementary operator and sensor information 110146
Yanagimachi, A. Digital foundation puts HDTV in multimedia vanguard 88832
Yanagimachi, A. *see* Isobe, T. 109225
Yanagisawa, E. *see* Tomita, N. 64580
Yanagisawa, E. *see* Tomita, N. 84920
Yanagisawa, H., Sasaki, K., Abe, Y., Noya, A. Diffusion barrier effects of Al_3Zr/Zr bilayered films interposed between Al and Si 74630
Yanagisawa, H. *see* Morita, R. 107528
Yanagisawa, K. *see* Aramaki, S. 64018
Yanagisawa, K. *see* Fukuzawa, K. 110165
Yanagisawa, K. *see* Ito, M. 69115
Yanagisawa, K. *see* Itoh, N. 69276
Yanagisawa, K. *see* Kaneko, S. 112168
Yanagisawa, K. *see* Kuwano, H. 63982
Yanagisawa, K. *see* Mino, M. 61613
Yanagisawa, K. *see* Miyajima, H. 79359
Yanagisawa, K. *see* Xuechuan Shan 115377
Yanagisawa, M. *see* Akahori, Y. 78678
Yanagisawa, M. *see* Hashimoto, M. 115700
Yanagisawa, M. *see* Nakasuga, Y. 116284
Yanagisawa, M. *see* Terui, H. 107019
Yanagisawa, T., Kageyama, T., Okamura, K., Kusunoki, K., Taguchi, T., Abe, M., Kaneko, H. Transient analysis of converter-fed adjustable-speed generator-motor for the pumped storage power plant 81348
Yanagisawa, T. *see* Sasaki, I. 89292
Yanagisawa, T. *see* Shinsho, E. 114112
Yanagisawa, T. *see* Watanabe, E. 114086
Yanagisawa, Y. *see* Ogasawara, M. 61879
Yanagita, K. *see* Nakajima, K. 68741
Yanagita, Y. *see* Ishikawa, J. 64408
Yanagitani, A. *see* Tanaka, Y. 75280
Yanagiwara, M. *see* Fan Zong-Huai 64151
Yanagiwara, M. *see* Jianfei, X. 75001
Yanaka, K. *see* Tashiro, Y. 78270
Yanaki, T. *see* Hoshino, T. 95216
Yanan Bai *see* Bai Yanan
Yanari, T. *see* Toda, K. 81527
Yanase, A., Segawa, Y. Nucleation and morphology evolution in the epitaxial growth of CuCl on MgO(001) and CaF_2(111) 92716
Yanase, S. *see* Honda, N. 64456
Yanase, S. *see* Kojima, M. 102918
Yanase, S. *see* Wakiwaka, H. 114350
Yanashima, K. *see* Honda, T. 94680
Yanashima, K. *see* Inoue, K. 74177
Yanashima, K. *see* Mitsui, T. 105183
Yanashima, K. *see* Toda, A. 96333
Yanbiao Liao Optical fiber sensor network for gasoline tanks 79496
Yanbiao Liao, Shurong Lai, Huafeng Zhao All optical fiber temperature sensor with polarization modulation 79478
Yanbiao Liao *see* Xiaodan Jin 79495
Yanbiao Liao *see* Yong Wang 89130
Yanbiao Liao *see* Liao Yanbiao
Yanbiao Mei *see* Mei Yanbiao
Yanbin Zhu *see* Zhu Yanbin
Yanbing Li *see* Li Yanbing
Yancao Zhang *see* Zhang Yancao
Yanchev, I.Y. *see* Trifonova, E. 82584
Yanchev, I.Y. *see* Trifonova, E.P. 92675
Yanchu Xu, Nashif, A. Measurement, analysis and modeling of the dynamic properties of materials 104244
Yanda Li *see* Hui Luo 117439
Yanda Li *see* Li Yanda
Yandong He, Mingzhen Xu, Changhua Tan, Yangyuan Wang Capacitance characteristics of the MOS structure with Fowler-Nordheim tunneling current 84011
Yandong He *see* Mingzhen Xu 84010
Yandong He *see* He Yandong
Yanfeng Cheng *see* Cheng Yanfeng
Yanfeng Liu *see* Jinliang Yuan 84101
Yang, A.T. *see* Kerns, K.J. 62059
Yang, A.T. *see* Kerns, K.J. 82852
Yang, B. Asymptotic convergence analysis of the projection approximation subspace tracking algorithms 86187
Yang, B., Ishikawa, Y., Miki, T., Doumae, Y., Tomizono, T., Isshiki, M. Preparation and photoluminescence study of high purity CdTe single crystals 74186
Yang, B. *see* Burov, V. 79827
Yang, B. *see* Lumpkin, A. 100539
Yang, B. *see* Lumpkin, A. 100540
Yang, B. *see* Lumpkin, A. 100541
Yang, B. *see* Lumpkin, A. 100580
Yang, B.J. *see* Shen, D.Z. 76110
Yang, C., Sivertsen, J.M., Judy, J.H. Angular dependence of the coercivity in magnetic recording media 115775
Yang, C.-F., Hwang, J.-T., Lee, T.-H., Yang, J.-S., Lin, C.-T. Effects of magnetic field induction and ground potential rise on pilot wire relay system operations 70977
Yang, C.-H., Chu, Y.-S., Chen, K.-J. Study of coordination capability for executing parallel FSMs in a high-speed transport protocol 98468
Yang, C.-H. *see* Liao, Y.-P. 64769
Yang, C.-N. *see* Laih, C.-S. 108171
Yang, C.C., CHoong-Wen Lay, Ming-Shan Lin, Ding-Wei Huang All-optical switching and passive mode-locking based on non-linear polarization rotation in a semiconductor quantum well amplifier 116514
Yang, C.C., Rodriguez, J.J. Saturation clipping in the LHS and YIQ color spaces 67337
Yang, C.C. *see* Aust, M.V. 83435
Yang, C.C. *see* Chih-Wei Hsu 76007
Yang, C.C. *see* Ciarallo, F.W. 82286
Yang, C.C. *see* Jian-Jang Huang 65304
Yang, C.C. *see* Ming-Shan Lin 65206
Yang, C.D. *see* Ku, T.K. 62573
Yang, C.D. *see* Lee, D.T. 113687
Yang, C.H. *see* Fu-Cheng Wang 105309
Yang, C.H. *see* Yang, M.J. 84458
Yang, C.H. *see* Zhang, W.E. 105952
Yang, C.I. *see* Chen, D.J. 87747
Yang, C.L. *see* Zhang, Y.-F. 66043
Yang, C.M., Atwater, H.A. Selective solid phase crystallization for control of grain size and location in Ge thin films on silicon dioxide 72800
Yang, C.M. *see* Min, K.S. 62836
Yang, C.Q. PACS: the core of next generation PCS 119078
Yang, C.S. *see* Gwoboa Horng 117233
Yang, C.Y. *see* Yong Cao 81652
Yang, D., Ruixing Fan, Liben Li, Duanlin Que, Sumino, K. Donor formation in nitrogen doped silicon 94234
Yang, D. *see* Cai, L. 114856
Yang, D.-K. *see* Pfeiffer, M. 85142
Yang, D.K. *see* Doane, J.W. 85117
Yang, D.K. *see* Fritz, W.J. 85143
Yang, D.P. *see* Zhang, Y.D. 64217
Yang, D.X.D., Fowler, B., El Gamal, A. A 128×128 pixel CMOS area image sensor with multiplexed pixel level A/D conversion 119725
Yang, D.Y. *see* Sayah, J.Y. 113638

Yang, E.-H. *see* Zhu, B. 86504

Yang, E.S. *see* Hsu, C.C. 95063

Yang, E.S. *see* Tchilatilov, D. 114859

Yang, E.S. *see* Yang, Y.F. 84616

Yang, E.S. *see* Yue-Fei Yang 114290

Yang, E.X. *see* Hossain, Z. 113724

Yang, F., Enz, C., van Ruymbeke, G. Design of low-power and low-voltage log-domain filters 104690

Yang, F. *see* Liu, Y. 98830

Yang, F.S. *see* Marhic, M.E. 107611

Yang, G., Shang, P., Jones, I.P., Abell, J.S., Gough, C.E. Doping studies on the orthorhombic to monoclinic phase transformation in $Bi_2Sr_2CaCu_2O_y$ 75313

Yang, G., Vos, G., Cho, H. I/Q modulator image rejection through modulation pre-distortion 117137

Yang, G.-C., Kwong, W.C. Spatial signature patterns for parallel transmission in optical networks 99535

Yang, G.-C. *see* Kwong, W.C. 99527

Yang, G.M. *see* Kim, J.-H. 105576

Yang, G.S., Aslam, D.M. Single-structure heater and temperature sensor using a p-type polycrystalline diamond resistor 69024

Yang, G.Y. *see* Watson, A.B. 108537

Yang, G.Z., Burger, P., Firmin, D.N., Underwood, S.R. Structure adaptive anisotropic image filtering 80277

Yang, H. *see* Eggers, M. 69338

Yang, H.-N., Zhao, Y.-P., Wang, G.-C., Lu, T.-M. Noise-induced roughening evolution of amorphous Si films grown by thermal evaporation 61390

Yang, H.-N. *see* Jiang, Q. 64285

Yang, H.-N. *see* Zhao, Y.-P. 84126

Yang, H.-P. *see* Wu, T.-F. 71889

Yang, H.-T. *see* Yang, P.-C. 101994

Yang, H.-Y. *see* Wang, J.-S. 95703

Yang, H.D. *see* Meen, T.H. 75314

Yang, H.H., Amari, S. A stochastic natural gradient descent algorithm for blind signal separation 108368

Yang, H.Hua *see* Hua Yang, H.

Yang, H.S. *see* Chun, D.N. 77415

Yang, H.S. *see* Lim, K.M. 86659

Yang, H.Y., Wang, M.L. An optical fiber sensor system embedded in a non-circular cross-sectioned member 69202

Yang, H.Y. *see* Liaw, S.K. 119237

Yang, H.Y.D. Photonic band structures for a class of 2D periodic dielectric materials 85849

Yang, H.Y.D. 3-D integral equation analysis of guided and leaky waves on a thin-film structure with 2-D material gratings 85942

Yang, H.Z., Fan, C.Z., Wang, H., Liu, R.S. Simulated annealing algorithm with multi-molecule: an approach to analog synthesis 74791

Yang, I. *see* Chandrakasan, A. 82842

Yang, I.Y. *see* Smith, H.I. 115095

Yang, J., Huang, S.C., Lin, K.P., Czernin, J., Wolfenden, P., Dahlbom, M., Hoh, C.K., Phelps, M.E. A new axial smoothing method based on elastic mapping 90440

Yang, J., Mega, M., Huang, S.C., Lin, K.P., Toga, A., Small, G., Phelps, M.E. Investigation of partial volume correction methods for brain FDG-PET studies [MRI application] 101320

Yang, J., Ozawa, S. Recovery of 3-D road plane based on 2-D perspective image analysis and processing 117854

Yang, J. *see* Cohn, M. 76640

Yang, J. *see* Dobson, K. 86091

Yang, J. *see* Guha, S. 112342

Yang, J. *see* Kushner, M.J. 60557

Yang, J. *see* Mao, O. 64220

Yang, J. *see* Mao, O. 64238

Yang, J. *see* Mao, O. 64323

Yang, J. *see* Mao, O. 115515

Yang, J. *see* Xixiang Xu 92903

Yang, J. *see* Xixiang Xu 102969

Yang, J.-F. *see* Chan, D.-Y. 98962

Yang, J.-M., Park, J.-S. Performance analysis of FH/CPFSK system with the thermal noise and the partial-band noise jamming on the Rayleigh fading channel 118928

Yang, J.-S. *see* Yang, C.-F. 70977

Yang, J.B. *see* Wang, J. 72210

Yang, J.C.-Y., Clarke, D.W. Control using self-validating sensors 99965

Yang, J.F. *see* Fan, C.P. 97802

Yang, J.H. *see* Du, J.F. 95895

Yang, J.H. *see* Li, S.Y. 84359

Yang, J.J. *see* Yang, S.H. 105643

Yang, J.S. *see* Chang, C.R. 106490

Yang, J.S. *see* Ching-Ray Chang 115569

Yang, J.U. *see* Hwang, I.G. 119425

Yang, J.W., Chen, Q., Sun, C.J., Lim, B., Anwar, M.Z., Khan, M.A., Temkin, H. InGaN-GaN based light-emitting diodes over (111) spinel substrates 85307

Yang, J.W. *see* Asif Khan, M. 116539

Yang, J.W. *see* Chen, Q. 95041

Yang, J.W. *see* Chernyak, L. 114635

Yang, J.W. *see* Khan, M.A. 84466

Yang, J.W. *see* Khan, M.A. 115246

Yang, J.W. *see* Schmitz, A.C. 105451

Yang, J.W. *see* Schmitz, A.C. 114805

Yang, J.W. *see* Smith, M. 62736

Yang, J.W. *see* Sun, C.J. 94321

Yang, J.Y. *see* Chang, K.M. 94763

Yang, J.Y. *see* Lim, B.W. 75690

Yang, K., Gutierrez-Aitken, A.L., Zhang, X., Bhattacharya, P., Haddad, G.I. An HSPICE HBT model for InP-based single HBTs 105893

Yang, K., Helleseth, T., Kumar, P.V., Shanbhag, A.G. On the weight hierarchy of Kerdock codes over Z_4 97562

Yang, K., Zhang, R., Shen, B., Qin, L.H., Chen, Z.Z., Zheng, Y.D., Huang, Z.C., Chen, J.C. Structural and optical characterization of GaN films grown by metalorganic chemical vapor deposition 105188

Yang, K. *see* Gutierrez-Aitken, A.L. 109619

Yang, K.H., Lee, C.W. Adaptive prediction scheme for motion vectors 67116

Yang, K.H., Tajima, K., Takenaka, A., Takano, H. Charge trapping properties of uv-exposed polyimide films for the alignment of liquid crystals 64826

Yang, L., Albregtsen, F. Fast and exact computation of Cartesian geometric moments using discrete Green's theorem 77410

Yang, L., Chang, K.W., Trott, G., Ratowsky, R., Deri, R.J., Kallman, J.S. Micro-size ball lenses for micro-optics: Theory and experiment 95697

Yang, L. *see* Babic, D.I. 107274

Yang, L. *see* Carlson, D.E. 112360

Yang, L. *see* Vasseghi, N. 73439

Yang, L.X. *see* Steinchen, W. 69519

Yang, M. *see* Schlaberg, H.I. 100401

Yang, M.J., Fu-Cheng Wang, Yang, C.H., Bennett, B.R., Do, T.Q. A composite quantum well field-effect transistor 84458

Yang, M.J. *see* Fu-Cheng Wang 105309

Yang, M.M., Lal, B.B., Sullivan, M., Sordello, C., Chao, J.L., Russak, M.A. Improved recording performance and optimized durability of thin film disks with zone carbon overcoats 115690

Yang, M.M. *see* Lal, B.B. 115760

Yang, N.-L. *see* Priestley, R. 116732

Yang, O.-S., Song-Cheol Hong, Young-Se Kwon Integration of microlensed LED and double heterojunction bipolar transistors for transmitter OEIC 107027

Yang, P.-C., Yang, H.-T., Huang, C.-L. Scheduling short-term hydrothermal generation using evolutionary programming techniques 101994

Yang, Q., Butler, C. A 3-D noncontact trigger probe for coordinate measuring machines 100073

Yang, Q. *see* Wang, G. 96288

Yang, Q. *see* Zhang, K. 110195

Yang, Q.M. *see* Ciureanu, M. 71652

Yang, Q.S. *see* Chen, G.H. 106689

Yang, Q.S. *see* Zhao, S.P. 95493

Yang, R. *see* Pitas, I. 77270

Yang, R.H., Lim, Y.C. Optimum FIR filter design on a sparse frequency grid 93598

Yang, R.H., Lim, Y.C. A dynamic frequency grid allocation scheme for the efficient design of equiripple FIR filters 104706

Yang, R.Q. Electron transfer efficiency in quantum well waveguide couplers 95087

Yang, R.Q., Pei, S.S. Novel type-II quantum cascade lasers 75928

Yang, R.Q., Yucai Zhou, Pei, S.S. Re-examination of multiple-quantum-barrier for semiconductor heterostructure lasers 116512

Yang, R.Q. *see* Malin, J.I. 65334

Yang, R.Q. *see* Malin, J.I. 96263

Yang, S., Chang, K.-C. Modular neural net architecture for automatic target recognition 119290

Yang, S., Yao, J.G. Impact of crosstalk induced beat noise on the size of semiconductor laser amplifier based optical space switch structures 76040

Yang, S.-H. *see* Winick, K.A. 86044

Yang, S.H., Lan, C.Y., Pang, S.L., Chang, B.J., Lu, K.L., Liu, J.S., Yang, J.J. The effect of the effective channel length induced by plasma etching 105643

Yang, S.H. *see* Tian, S. 94694

Yang, S.J. *see* Peng, C.K. 92720

Yang, S.M., Bian, J.J. Vibration suppression experiments on composite laminated plates using an embedded piezoelectric sensor and actuator 106392

Yang, S.W. *see* Chen, S.T. 90599

Yang, S.Y. *see* Lee, M.C. 69493

Yang, T., Lin-Bao Yang, Xiu-Ping Yang Application of a cellular neural network to facial expression animation and high-level image processing 86330

Yang, T., Wagner, B.K., Chaichimansour, M., Park, W., Wang, Z.L., Summers, C.J. Molecular-beam epitaxy growth of strontium thiogallate 82683

Yang, T., Yei, J. Optimal solutions for a dynamic bandwidth allocation scheme in high-speed networks 98435

Yang, T. *see* Chen, L. 64558

Yang, T. *see* Ni, J. 108923

Yang, T. *see* Shah, S.L.A. 77609

Yang, T.-C. *see* Abdel-Ati, W.L.N. 63365

Yang, T.-C. *see* Wang, H.-J. 86264

Yang, T.B. *see* Lin, H.Y. 91553

Yang, T.C. Applying a sequential loop-closure method to power system stabilizer design 121003

Yang, T.S., Kook, T., Taylor, J.A., Josephson, W., Spak, M., Dammel, R.R. Enhanced i-line lithography using AZ© BARLi© coating 105820

Yang, T.T., Yip, K.Y. Use of wireless wide area packet data networks as a solution to land-based positioning and navigation 88768

Yang, W. *see* Abdallah, C. 105060

Yang, W. *see* Martinez, D. 108613

Yang, W. *see* Pendekanti, R. 120481

Yang, W.-G. *see* Gu, Y.-M. 66551

Yang, W.-Y. *see* Wen, J.-H. 68152

Yang, W.C., Lu, J.H., Lee, J.D., Jian, J.F., Cho, R.N., Horng, H.E. Physics of high-T_c Josephson junctions and SQUIDs 64549

Yang, W.H. *see* Chen, C.H. 110791

Yang, W.P. *see* Lee, C.H. 118913

Yang, W.Q. Calibration of capacitance tomography systems: a new method for setting system measurement range 79293

Yang, W.Q. Charge injection compensation for charge/discharge capacitance measuring circuits used in tomography systems 89461

Yang, W.Q., Adam, M.S., Watson, R., Beck, M.S. Monitoring water hammer by capacitance tomography 110444

Yang, W.Q., Szuster, K. A long-distance high-speed serial link for process tomography systems 68981

Yang, W.S., Jung Ho Je Effects of secondary pretreatments of substrate on the nucleation of diamond film 105607

Yang, W.T. *see* Liou, Y. 75200

Yang, X., Brillson, L.J., Raisanen, A.D., Vanzetti, L., Bonanni, A., Franciosi, A. Internal photoinjection and deep level luminescence at ZnSe/GaAs heterointerfaces 83891

Yang, X. *see* Arodzero, A. 80036

Yang, X.-F. *see* Norem, J. 100593

Yang, X.D. *see* Defez, E. 97926

Yang, X.D. *see* Xing, M. 77298

Yang, X.H. *see* Song, J.J. 96330

Yang, X.L. *see* Liu, Z. 65070

Yang, X.M. *see* Wu, J.W. 95104

Yang, X.Q. *see* Goh, C.J. 72558

Yang, X.Q. *see* Lee, H.S. 81701

Yang, X.Q. *see* Studniarski, M. 60902

Yang, X.Q. *see* Thurston, T.R. 91714

Yang, Y., Hughes, T., Spiller, D.M., Beduz, C., Penny, M., Scurlock, R.G., Haldar, P., Sokolowski, R.S. Measurements of the self-field a.c. losses in PbBi2223 tapes with different core/sheath configurations 106671

Yang, Y., Pei, Q., Heeger, A.J. Efficient blue light-emitting diodes from a soluble poly(p-phenylene): internal field emission measurement of the energy gap in semiconducting polymers 96023

Yang, Y., Welch, L.R. A new spectral shaping scheme without subcarriers 66729

Yang, Y. *see* Beduz, C. 81919

Yang, Y.-H., Harnishfeger, D., Kawamoto, E. Silicon precipitate nodules on BiCMOS processing 94850

Yang, Y.-R., Chen, Y.C. MPEG-based coding algorithm for 3D-TV 68862

Yang, Y.-S., Lee, T.-H., Liang, L.-S., Hsia, Y.-S., Chang, C.-J., Cheng, S.-Y. An application on B-ISDN for code and configuration download 98793

Yang, Y.E. *see* Ding, K.H. 111265

Yang, Y.F., Hsu, C.C., Yang, E.S. Integration of GaInP/GaAs heterojunction bipolar transistors and high electron mobility transistors 84616

Yang, Y.F. *see* Hsu, C.C. 95063

Yang, Y.F. *see* Tchilatilov, D. 114859

Yang, Y.H. *see* Huang, C. 83527

Yang, Y.H. *see* Huang, C. 84554

Yang, Y.H. *see* Lai, L.L. 90931

Yang, Y.H. *see* Lai, L.L. 91103

Yang, Z., Homewood, K.P. Effect of annealing temperature on optical and structural properties of ion-beam-synthesized semiconducting $FeSi_2$ layers 62780

Yang, Z., Li, L.K., Wang, W.I. High-quality GaN and AlN grown by gas-source molecular beam epitaxy using ammonia as the nitrogen source 82695

Yang, Z. *see* Fletcher, N.R. 69877

Yang, Z. *see* Guarin, F.J. 61243

Yang, Z. *see* Nohavica, D. 103903

Yang, Z. *see* Sou, I.K. 114896

Yang, Z.J. *see* Wang, Z.L. 65539

Yang, Z.Q. *see* Zhang, C. 75295

Yang, Z.Y. *see* Li, Z.F. 113447

Yang Bailing *see* Sang Fengting 107095

Yang Baotai *see* Kong Xiangzhong 69821

Yang Bi-Ke *see* Bi-Ke Yang

Yang Bin *see* Bin Yang

Yang Bing *see* Chen, J.C. 92719

Yang Bing *see* Zhang Maojun 98103

Yang Bingchuan *see* Bingchuan Yang

Yang Bingen *see* Bingen Yang

Yang Bingxin *see* Pang Wenning 69822

Yang Boling *see* Sun Long 116319

Yang Boting *see* Boting Yang

Yang Chang-Fa *see* Chang-Fa Yang

Yang Chang-Kwang *see* Chang-Kwang Yang

Yang Changxi *see* Changxi Yang

Yang Changyong *see* Changyong Yang

Yang Che-Liang *see* Che-Liang Yang

Yang Chen *see* Chen Yang

Yang Chen-Kuei *see* Chen-Kuei Yang

Yang Chen-Yang *see* Chen-Yang Yang

Yang Cheng-Fa *see* Cheng-Fa Yang

Yang Chi-Ching *see* Chi-Ching Yang

Yang Chih-Chin *see* Chih-Chin Yang

Yang Chih-Kong Ken *see* Chih-Kong Ken Yang
Yang Chin-Cheng *see* Chin-Cheng Yang
Yang Ching-Chyuan *see* Ching-Chyuan Yang
Yang Ching-Mei *see* Ching-Mei Yang
Yang Ching-Yung *see* Ching-Yung Jin Yang
Yang Choong Jin *see* Choong Jin Yang
Yang Choong-Jin *see* Choong-Jin Yang
Yang Chuang-Hen *see* Chuang-Hen Yang
Yang Chunming, Kong Fanpeng, Zhang Xudong, Huang Ying, Ge Yaozhong Study on the discrimination method of operation state for high voltage transmission lines 81068
Yang Ciann-Dong *see* Ciann-Dong Yang
Yang Daoqi *see* Daoqi Yang
Yang Deqing, Chen Ergang, Mu Chongjun The development of a field emission gun with high brightness and small beam spot 94180
Yang Dooyoung *see* Dooyoung Yang
Yang En-Hui *see* En-Hui Yang
Yang Eui Hyeok *see* Eui Hyeok Yang
Yang Fangchun *see* Long Xindian 118550
Yang Fangchun *see* Fangchun Yang
Yang Fengfang *see* Fengfang Yang
Yang Fengyuan *see* Fengyuan Yang
Yang Fuji *see* Fuji Yang
Yang Fusheng *see* Liao Wangcai 110841
Yang Ganing *see* Ganing Yang
Yang Gao, McLellan, J.F., Schleppe, J.B. An optimized fast ambiguity search method for ambiguity resolution on the fly 68759
Yang Gengxing *see* Gengxing Yang
Yang Guang *see* Guang Yang
Yang Guoguang *see* Jing Xiaofeng 95681
Yang Guozhen *see* Jin Kuijuan 113364
Yang Guozhen *see* Guozhen Yang
Yang Guu-Chang *see* Guu-Chang Yang
Yang Gye Mo *see* Gye Mo Yang
Yang Hai-Won *see* Hai-Won Yang
Yang Haifeng *see* Haifeng Yang
Yang Haiqing, Panda, S.K., Liang Yung Chii Performance comparison of feedback linearization control with PI control for four-quadrant operation of switched reluctance motors 71759
Yang Haiqing, Panda, S.K., Liang Yung Chii Performance comparison of sliding mode control with PI control for four-quadrant operation of switched reluctance motors 112452
Yang Haiqing *see* Haiqing Yang
Yang Haiyun *see* Haiyun Yang
Yang Hee Soo *see* Hee Soo Yang
Yang Hong *see* Hong Yang
Yang Hong-Kui *see* Hong-Kui Yang
Yang Hong-Tzer *see* Hong-Tzer Yang
Yang Honghua *see* Honghua Yang
Yang Hongqiong *see* Chen Lingyan 120193
Yang Hongru, Friel, G.J., Hanna, D.C. Diode pumped Kerr-lens mode-locked Nd:YLF laser 65150
Yang Hongsheng *see* Ma Jianglei 65972
Yang Hoon-Gee *see* Hoon-Gee Yang
Yang Hua *see* Hua Yang
Yang Huai-Jiang *see* Huai-Jiang Yang
Yang Huaijiang, Shen Ke, Weng Zhaoheng, Zhou Liwei The feedforward NN identification of chaotic optical systems 116715
Yang Huazhong, Fan Chongzhi, Wang Hui, Liu Runsheng Analog synthesis from behavioral descriptions in S-domain 106123
Yang Hui *see* Hui Yang
Yang Hui-Jen *see* Hui-Jen Yang
Yang Humin *see* Bao Yonggang 97804
Yang Hung Y.David *see* Hung Y. David Yang
Yang Hyun Suk *see* Hyun Suk Yang
Yang Hyung Kook *see* Hyung Kook Yang
Yang In-Sang *see* In-Sang Yang
Yang Jac-Woo *see* Jac-Woo Yang
Yang Jae Suk *see* Jae Suk Yang
Yang Jae-Woo *see* Jae-Woo Yang
Yang Jar-Ferr *see* Jar-Ferr Yang
Yang Ji Cheng *see* Ji Cheng Yang
Yang Ji Yi *see* Ji Yi Yang
Yang Ji-Chen, Leong Chew Weng, Goh Jing Sua, Yew Chee Kiang Effects of mold compound properties on lead-on-chip (LOC) package reliability during IR reflow 112917
Yang Ji-Yi *see* Ji-Yi Yang
Yang Jian-Dong *see* Jian-Dong Yang
Yang Jiangjun *see* Tang Jianming 85448
Yang Jianhua, Deng Julong, Wang Zhiliang The comparability of grey units 113155
Yang Jianhua, Yang Pinghua, Meng Guangyao A fully solid-state SO_x (x=2,3) gas sensor utilizing Ag-β″-alumina as solid electrolyte 110272
Yang Jianjun, Ruan Shuangchen, Wang Shuicai, Hou Xun, Feng Shan Theory and experiment on the cavity for low repetition rate of Ti:sapphire regenerative amplifier 96236
Yang Jianjun *see* Tang Jianming 85449
Yang Jianjun *see* Wang Shuicai 96182
Yang Jianwen *see* Gao Shengquan 95894
Yang Jianyi *see* Jiang Xiaoqing 97232
Yang Jicheng *see* Jicheng Yang
Yang Jie *see* Chen Qijin 83804
Yang Jie *see* Wei Zhiyi 75875
Yang Jin *see* Jin Yang
Yang Jin Sung *see* Jin Sung Yang
Yang Jin-Shyr *see* Jin-Shyr Yang
Yang Jinan *see* Qiu Bensheng 86234
Yang Jinbai The configuration and function of security and stability control system for South China interconnected power network 91045
Yang Jingan On fusing multiple needle maps for recovering 3D absolute depth 117593
Yang Jingang Recursive algorithm for visual motion analysis based on IEKF 108401
Yang Jingkang *see* Kong Xiangzhong 69821
Yang Jingmin *see* Wang Hongwei 63206
Yang Jingming *see* Zhang Pengfei 84060
Yang Jinn-Moon *see* Jinn-Moon Yang
Yang Jui-Ching *see* Jui-Ching Yang
Yang Jun *see* Xu Qiyang 120830
Yang Jun *see* Jun Yang
Yang Jungwook *see* Jungwook Yang
Yang Junyou, Tang Renyuan, Wang Chengyuan, Zhou Meiwen, Chen Yongbin New preventive measures against stray field of heavy current carrying conductors 71392
Yang Juping *see* Juping Yang
Yang Jyh-Shinn *see* Jyh-Shinn Yang
Yang Kaiyuan *see* Kaiyuan Yang
Yang Kecheng *see* Xu Qiyang 120830
Yang Ki-Gon *see* Ki-Gon Yang
Yang Kim Jin *see* Jin Yang Kim
Yang Kum-Khiong *see* Kum-Khiong Yang
Yang Kwang Ho *see* Kwang Ho Yang
Yang Kwang-Ho *see* Kwang-Ho Yang
Yang Kyounghoon *see* Kyounghoon Yang
Yang Lei *see* Hu Xuemin 99005
Yang Li, Yang-Tse Cheng Electrochemical study of amorphous La-Ni thin film electrodes 71653
Yang Li-Wu *see* Li-Wu Yang
Yang Lianxiang *see* Steinchen, W. 69509
Yang Lianxiang *see* Lianxiang Yang
Yang Libing, Gao Shunshou Numerical simulation of high voltage pulsed power conditioning systems 113688
Yang Lieliang, Li Chengshu, Nie Tao A fault-tolerant data transmission model based on redundant residue number system 66376
Yang Lieliang *see* Wu Xingyao 117918
Yang LiFeng *see* LiFeng Yang
Yang Lijia *see* Lijia Yang
Yang Lin *see* Zhang Yueqiu 61541
Yang Lin-Bao *see* Lin-Bao Yang
Yang Liuyang *see* Liuyang Yang
Yang Liyou *see* Liyou Yang
Yang Meng *see* Meng Yang
Yang Ming *see* Ming Yang
Yang Ming-Jen *see* Ming-Jen Yang
Yang Ming-Ju *see* Ming-Ju Yang
Yang Ming-Ta *see* Ming-Ta Yang
Yang Mohshi *see* Mohshi Yang
Yang Moshi *see* Moshi Yang
Yang Ning, Feng Zhihong, Zhou Shuangxi Seeking and application of a pair of multiple load flow solution 90953
Yang Ning *see* Zhou Shuangxi 120979
Yang Oh *see* Oh Yang
Yang Pai-Chuan *see* Pai-Chuan Yang
Yang Pin *see* Zhao Shixia 98873
Yang Ping *see* Ping Yang
Yang Pinghua *see* Yang Jianhua 110272
Yang Qi Xiang Fast algorithms for Calderon-Zygmund singular integral operators 66745
Yang Qiguang *see* Qiguang Yang
Yang Qimin *see* Zhang Wenbi 96844
Yang Qing *see* Qing Yang
Yang Qingxin, Yan Weili, Cheng Zhiguang Analysis for power loss in electric ferrite and steel sheet cores 106620
Yang Qingxin *see* Gu Junhua 107735
Yang Qingxin *see* Wang Zhe 102905
Yang QingXin *see* Wu Qing 107801
Yang Qingxin *see* Zhang Huijuan 102903
Yang Qixun Development trend of integrated protection and control in power substations 91690
Yang Qixun *see* Zhang Zhongli 80771
Yang Rui *see* Wang Ming 118336
Yang Rui *see* Rui Yang
Yang Ruikang *see* Ruikang Yang
Yang Sang Sik *see* Sang Sik Yang
Yang Senzu *see* Senzu Yang
Yang Seung-Hak *see* Seung-Hak Yang
Yang Shangjin *see* Huang Wenzhong 96202
Yang Shangjing *see* Wu Deyong 65012
Yang Sheng-Hui *see* Sheng-Hui Yang
Yang Shi-qing *see* Zhang Huai-wu 115703
Yang Shiqing *see* Zhang Huaiwu 116009
Yang Shiyou, Bai Yanan, Tang Renyuan, Liang Yin Shape optimization of pole shoes in harmonic exciting synchronous generator using a stochastic algorithm 111923
Yang Shiyou, Li Yan, Bai Yanan, Tang Renyuan, Li Bingcai Study on large salient pole synchronous generator with multisection pole arc shoes using field optimization technique 102676
Yang Shiyou *see* Tang Renyuan 71283
Yang Shiyuan *see* Long Wangning 104415
Yang Shizhong, Wu Yongxiang, Tang Chaowei, Fei Huaipu An analysis of passive nonlinear delay locked protection circuit 104741
Yang Shuanke *see* Shuanke Yang
Yang Shui-Yuan *see* Shui-Yuan Yang
Yang Shuren *see* Li Jiandong 109272
Yang Shuren *see* Liu Baolin 75918
Yang Shuzi, Hu Yihuai, Shi Tielin Computer integrated monitoring and controlling system for mechanical equipment condition 110020
Yang Shuzi *see* Feng Zhaozhi 93286
Yang Songzhang *see* Lu Jianwei 120930
Yang Soon-Sung *see* Soon-Sung Yang
Yang Sung Hoon *see* Sung Hoon Yang
Yang Sung-Moon *see* Sung-Moon Yang
Yang Tai-Jan *see* Tai-Jan Yang
Yang Tao, Chance, L., Baoren Liu Full scale fruit vision sorting system design–factors and considerations 82320
Yang Tao *see* Kislinskii, Yu.V. 84909
Yang Tao *see* Tao Yang
Yang Tianju *see* Wang Sheng 105006
Yang Tianjuh, Chen Jyhshinn, Chiang Chengder, Wu Taibor Donor-doping effect in the growth of $Hg_{1-x}Cd_xTe$ heterolayers by slider liquid phase epitaxy 62756
Yang Tianlu, Zhou Wenzhen, Fu Shinian, Shi Xiuzhen, Ma Youwu, Shi Yijin, Liu Weiren Progress in the injector for FEL at CIAE 96482
Yang Tianlu *see* Wang Sheng 69659
Yang Wandong *see* Wen Yanhong 98722
Yang Wang, Bhattacharya, P. On parameter-dependent connected components of gray images 86357
Yang Wang *see* Baldwin, N.J. 80281
Yang Wei *see* Wei Yang
Yang Wei Dong *see* Wei Dong Yang
Yang Wei-Pang *see* Wei-Pang Yang
Yang Wei-Ping *see* Wei-Ping Yang
Yang Wei-Qin *see* Jiang Hong 101480
Yang Wen-Hao *see* Wen-Hao Yang
Yang Wen-Luh *see* Wen-Luh Yang
Yang Wenying *see* Jia Yirong 64834
Yang Wonho *see* Wonho Yang
Yang Wu *see* Lin Zhang 61452
Yang Xia *see* Hongfa Luan 84073
Yang Xiahua *see* Xiahua Yang
Yang Xiang *see* Xiang Yang
Yang Xianglin *see* Chen Haijuan 116405
Yang Xianglin *see* Wang Faqiang 116713
Yang Xiangyang *see* Xiangyang Yang
Yang Xiao-Ming *see* Xiao-Ming Yang
Yang Xiaolong *see* Xu Guanfeng 65522
Yang Xiaoping *see* Xiaoping Yang
Yang Xiaoxian, Lu Can Programmable control of central signal system in power substation 121816
Yang Xin *see* Xin Yang
Yang Xinagyang *see* Xinagyang Yang
Yang Xinmin *see* Xinmin Yang
Yang Xiu-Ping *see* Xiu-Ping Yang
Yang Xiufang Millimeter-wave (8 mm) scalar network measurements 69483
Yang Xu *see* Miller, S.A. 74903
Yang Xue Dong *see* Xue Dong Yang
Yang Xuguang *see* Xuguang Yang
Yang Xuhua, Furuhashi, T., Obata, K., Uchikawa, Y. Selection of features for signature verification using the genetic algorithm 108522
Yang Xun *see* Xun Yang
Yang Yajie *see* Yajie Yang
Yang Yan *see* Yan Yang
Yang Yang, Qibing Pel Voltage controlled two color light-emitting electrochemical cells 64952
Yang Yang *see* Yang Yang
Yang Yanming *see* Yin Zejie 90403
Yang Yanming *see* Yin Zejie 90404
Yang Yanqiang *see* Yanqiang Yang
Yang Yao-Chao *see* Yao-Chao Yang
Yang Yaochao *see* Yaochao Yang
Yang Yatao *see* Yatao Yang
Yang Yawen *see* He Suyou 99851
Yang Ye *see* Ye Yang
Yang Yee-Pien *see* Yee-Pien Yang
Yang Yeon-Dae *see* Yeon-Dae Yang
Yang Yi *see* Yang Yukan 103857
Yang Yi *see* Yi Yang
Yang Yi-Han *see* Ren Jian-Wen 101769
Yang Yi-Han *see* Zhou Qing-Jie 91474
Yang Yibing *see* Yibing Yang
Yang Yihan *see* Li Qun 121551
Yang Ying *see* Hu Xuemin 99005
Yang Ying-Kuei *see* Ying-Kuei Yang
Yang Yingbai *see* Wang Wenlu 98174
Yang Yintang, En Yunfei, Sun Qing Calculation of electron power absorption in microwave ECR plasma 104100
Yang Yiqian, Ma Hezhong, Wang Junkui Experimental studies of dynamic mechanical properties of glass fiber reinforced plastics 72964
Yang Yizhou *see* Yizhou Yang
Yang Yong-Xia *see* Yong-Xia Yang
Yang Yongfeng *see* Wang Jicheng 90162
Yang Yonggao, He Qing Design and implementation of gateway based on IP protocol 98712
Yang Yongkang Research on inter-provincial power system interconnection and electric power exchange project 111516
Yang Yongsheng *see* Quan Taifan 108241
Yang Yongzhu, Du Qingfu Expansion of the memory and communication in TP-801A SBC 61943
Yang Yoon Gi *see* Yoon Gi Yang
Yang You-Tang *see* Jiang Hong 101480
Yang Yuanyuan *see* Yuanyuan Yang
Yang Yue *see* Tang Chuanxiang 69666
Yang Yue *see* Yue Yang
Yang Yue-Fei *see* Yue-Fei Yang
Yang Yueh Ou *see* Yueh Ou Yang
Yang Yueh-Ru *see* Yueh-Ru Yang
Yang Yukan, Li Wenming, Lu Lei, Yang Yi, Xu Lixing, Xiong Xin, Wang Shanli, Huang Helan

Hot wall epitaxy grown n-PbTe(100)/p-Si(100) heterojunction 103857
Yang Yung-Yuan *see* Yung-Yuan Yang
Yang Yunping *see* Yunping Yang
Yang Zemo *see* Zemo Yang
Yang Zhao, Danhong Huang, Cunkai Wu Lasing without inversion in double quantum wells controlled by a DC field 96283
Yang Zhao *see* Sun, Y. 65707
Yang Zhen-Guo *see* Zhen-Guo Yang
Yang Zhenhua, Wu Yupu Simulation of the optical klystron physics on HLS 116575
Yang Zhenming *see* Pan Laigen 96109
Yang Zhilian *see* Zhilian Yang
Yang Zhiping *see* Sun Yuanzhang 80906
Yang Zhiping *see* Sun Yuanzhang 111499
Yang Zhiping *see* Sun Yuanzhang 111527
Yang Zhixin, Li Naihu, Chen Heng Quasi real-time dynamic simulation for DTS of East China Power System 91039
Yang Zhixing *see* Wang Zhaocheng 108812
Yang Zhixing *see* Wang Zhaocheng 118797
Yang Zhixing *see* Zhixing Yang
Yang Zhiyong, Songde, M.A., Mao Lin Qiu Marginal effect, exchange interactions and phase transitions--a phenomenological approach to salient maps and illusory contours 86672
Yang Zi-Jiang *see* Zi-Jiang Yang
Yang Zishao *see* Zishao Yang
Yang Zongkal *see* Chen Wenge 101568
Yang Zongquan, Wang Yongzhong, Li Zhongrun, Zhang Cheng, Hua Ling, Zeng Dechang, Qiao Guiwen, Ulyashin, A., Gorolchuk, I. The enhancement in critical current density of $YBa_2Cu_3O_{7-y}$ by water vapor treatment 95444
Yang-Chiu Liu Advanced technologies in coal-fired power generation 81194
Yang-Han Lee *see* Jyh-Horng Wu 88455
Yang-Hann Kim *see* Young-Key Kim 100402
Yang-Ho Choi *see* Zhang, P. 78439
Yang-Kyun Shin *see* Ahn, D. 93726
Yang-Ming Zhu *see* Hai-Ming Wu 82756
Yang-Tse Cheng *see* Yang Li 71653
Yang-Tung Huang *see* Jen-Tsorng Chang 76289
Yang-Tung Huang *see* Jiun-Shiou Deng 99034
Yang-Tung Huang *see* Yeong-Her Chen 76538
Yang-Woo Park *see* Chae-Soo Lee 86620
Yang-Woo Park *see* Eung-Joo Lee 68846
yang-Woo park *see* Kyeong-Man Kim 98235
Yangguang Yan *see* Yan Yangguang
Yanghee Choi, Jac-Woo Yang R&D activities on multimedia communications in Korea 78228
Yanghee Choi *see* Eunyong Ha 99260
Yanghee Choi *see* Hong Seong Chang 78501
Yanghee Choi *see* Hong Seong Chang 78601
Yanghee Choi *see* Hong Seong Chang 118878
Yanghee Choi *see* Jangyeon Park 77706
Yanghee Choi *see* Minho Song 87490
Yanghee Choi *see* Minho Song 88227
Yanghee Choi *see* Minho Song 99261
Yanghee Choi *see* Minho Song 109150
Yanghee Choi *see* Minho Song 118883
Yangping, W. Study on the propagating pulse broadening in non-linear dispersive optical fiber 64666
Yangqin Zhan *see* Zhan Yangqin
Yangqing Pu *see* Hesketh, P.J. 95232
Yangshen Sun *see* Sun Yangshen
Yangsoo Lee, Hyang-Beom Lee, Song-Yop Hahn, Ki-Sik Lee Temperature analysis of induction motor with distributed heat sources by finite element method 102722
Yanguang Yan *see* Yan Yanguang
Yangxian Li, Yulin Ju, Caichi Liu, Yuesheng Xu, Hongmei Wang, Junzhong Cao Inhibition of neutron irradiation on oxidation stacking faults in the surface of Si wafer 83821
Yangxian Li, Yulin Ju, Junzhong Cao, Hongmei Wang, Desheng Cui Study on resistivity stability of NTDFZSi at high temperature 83820
Yangxian Li *see* Li Yangxian
Yangyuan Wang *see* Binghui Li 84455
Yangyuan Wang *see* Jinfeng Kang 82278
Yangyuan Wang *see* Lichun Zhang 95170
Yangyuan Wang *see* Mingzhen Xu 84010
Yangyuan Wang *see* Pingxi Ma 84356
Yangyuan Wang *see* Xing Zhang 84578
Yangyuan Wang *see* Xing Zhang 84602
Yangyuan Wang *see* Yandong He 84011
Yangyuan Wang *see* Wang Yangyuan
Yangzhen Zou, Changjia Chen MCU system software in video conference network 118537
Yanhe Li *see* Li Yanhe
Yanhong Fu *see* Fu Yanhong
Yanhong Wen *see* Wen Yanhong
Yanhong Yuan, Zeyi Wang An extractor for 3-D parasitic capacitance and resistance 84536
Yanhua Zhang *see* Zhang Yanhua
Yaning, C. *see* Jiancheng, X. 114642
Yaniv, Z. *see* Pfeiffer, M. 85142
Yanjie Chai *see* Zhixing Yang 119205
Yanjie Chai *see* Chai Yanjie
Yanjin Li *see* Li Yanjin
Yankee, S., Bouldin, D. Stepped current stressing of line/stud structures 63486
Yankelevich, D.R., Pretre, P., Knoesen, A., Taft, G., Murnane, M.M., Kapteyn, H.C., Twieg, R.J. Molecular engineering of polymer films for amplitude and phase measurements of Ti:sapphire femtosecond pulses 119908
Yankelevich, D.R. *see* Hill, R.A. 64604
Yankelevich, D.R. *see* Hill, R.A. 78799
Yankov, R.A. *see* Skorupa, W. 74092
Yanlong Che *see* Haosheng Fei 116676
Yanmao Deng *see* Dade Zhao 73768
Yanmao Deng *see* Fangshi Xue 83396
Yanmao Deng *see* Deng Yanmao
Yanmei Gao *see* Qingquan Han 83212
Yanmei Han, Shulian Zhang, Kelan Li Preventing output power rise and fall in an extra-shortened He-Ne laser by equal-spacing mode split technology 116298
Yanming, X. *see* Jing, F. 76524
Yanming Feng, Shaowei Han A long-range dynamic GPS positioning system and its test results 68781
Yanming Liu, Antos, A.J., Newhouse, M.A. Large effective area dispersion-shifted fibers with dual-ring index profiles 75473
Yanming Liu *see* Da Silva, V.L. 75475
Yanming Mi *see* Wei Zhao 95969
Yanming Wei *see* Wei Yanming
Yanming Yang *see* Yang Yanming
Yanming Zhang *see* Zhang Yanming
Yann, S.I., Kiat, Y.C. Lossless compression of multispectra satellite images using neural networks 98129
Yann Soon Ing *see* Soon Ing Yann
Yann-Chang Huang, Hong-Tzer Yang, Ching-Lien Huang Design of robust transformer fault diagnosis system using evolutionary fuzzy logic 121544
Yann-Chang Huang *see* Hong-Tzer Yang 81033
Yann-Hang Lee, Randy Chow, Cheung, S.E. Circular window control schemes in fast packet switches 108774
Yann-Jong Hwang, Chow, L.R., Huang, H.C. A knowledge-based approach to the evaluation of fault trees 60704
Yannakakis, M. *see* Lee, D. 93199
Yano, E. *see* Nozaki, K. 63502
Yano, F., Hiraoka, A., Itoga, T., Kojima, H., Kanehori, K., Mitsui, Y. Influence of ion-implantation on native oxidation of Si in a clean-room atmosphere 105625
Yano, H. *see* Hayashi, N. 118332
Yano, H. *see* Kameyama, K. 122037
Yano, J. *see* Yamasaki, S. 115989
Yano, K., Ishii, T., Sano, T., Mine, T., Murai, F., Seki, K. Single-electron-memory integrated circuit for giga-to-tera bit storage 73397
Yano, K., Kuroda, R., Shimada, Y., Shido, S., Kyogaku, M., Matsuda, H., Takimoto, K., Eguchi, K., Nakagiri, T. Information storage using conductance change of Langmuir-Blodgett film and atomic force microscope/scanning tunneling microscope 62656
Yano, K., Sasaki, Y., Rikino, K., Seki, K. Top-down pass-transistor logic design 61854
Yano, K. *see* Hasegawa, K. 78271
Yano, K. *see* Jinzhu Li 119482
Yano, K. *see* Tanaka, S. 81107
Yano, K. *see* Ueda, T. 63440
Yano, M. *see* Kawada, M. 115702
Yano, M. *see* Nakagawa, G. 72292
Yano, M. *see* Nakagawa, G. 78930
Yano, M. *see* Sasaki, S. 95686
Yano, N., Furukawa, S., Oka, K., Ogasawara, I., Yamasaki, J., Humphrey, F.B. Large Barkhausen discontinuity of Co-Fe-Si-B amorphous films sputtered on polymer substrate 115549
Yano, N. *see* Murakami, H. 73300
Yano, S. Unified scan design with scannable memory arrays 61905
Yano, S., Fujita, H., Soramasu, N., Mito, Y., Terasawa, K., Baba, S. Bone density measuring equipment 90318
Yano, S., Goto, T., Itoh, T. Excitonic optical nonlinearity of CuCl microcrystals in a NaCl matrix 76107
Yano, S. *see* Edamatsu, K. 74303
Yano, S. *see* Mitsumine, H. 109960
Yano, S. *see* Yamamoto, H. 79625
Yano, T. *see* Esmailzadeh, R. 118983
Yano, Y. *see* Batygin, Y. 90090
Yano, Y. *see* Fujihira, T. 106128
Yano, Y. *see* Kozu, S. 73423
Yano, Y. *see* Nakagawa, T. 100786
Yano, Y. *see* Okamura, H. 119991
Yanoauchi, T. *see* Nishida, N. 115802
Yanovitskaya, Z.S., Pchelyakov, O.P., Neisvestnyi, I.G. Monte-Carlo modeling and kinetic analysis of surface microrelief evolution during nanostructures formation by MBE 104007
Yanovskii, V.V. *see* Savvin, Yu.N. 116210
Yanovsky, F.J. Simulation study of 10 GHz radar backscattering from clouds, and solution of the inverse problem of atmospheric turbulence measurements 70485
Yanovsky, V.P. *see* Kosterev, N.V. 70970
Yanow, G., Sohus, A., Payne, B. "Winds of Change" a multi-media tool to aid teachers in teaching global climate 103330
Yanpeng Guo A 3 V IF I/Q transceiver for GSM/DCS1800 119042
Yanping Guo, Uberall, H. Short pulse scattering from wires and chaff clouds 97056
Yanqiang Yang *see* Haosheng Fei 116676
Yanrong Song *see* Song Yanrong
Yanrong Zhang *see* Zhang Yanrong
Yanru Ren *see* Weinstein, R. 115967
Yanru Zhong *see* Jian Liu 83760
Yansen Du *see* Du Yansen
Yansheng Luo, Lam, T.T., Jian-Gang Zhu, Hua-Ching Tong, Rottmayer, R. Magnetic force microscopy study of submicron track width recording in thin-film media 64429
Yansheng Luo *see* Jian-Gang Zhu 64428
Yansheng Xu, Bosisio, R.G. A comprehensive study of general bianisotropic waveguides with the use of coupled-mode analysis 97255
Yansheng Xu *see* Maurin, D. 69002
Yanson, N.B., Pavlov, A.N., Balanov, A.G., Anishchenko, V.S. Reconstructing a mathematical model as applied to an electrocardiogram 120452
Yantorno, R. *see* Wonho Yang 87321
Yants, V. *see* Elliott, S.R. 80104
Yanushkevich, K.I. *see* Petrakovskii, G.A. 105211
Yanushkvich, V.A. *see* Anishchik, V.M. 113409
Yanwei Ma, Zutang Wang, Haozhuan Lin An investigation of hot pressing of Ag-clad Bi(2223) superconducting tapes 106670
Yanwei Wu *see* Wu Yanwei
Yanwen Liu *see* Liu Yanwen
Yanxiang Zheng *see* Zhigang Liu 118626
Yanxin Zhang *see* Zhang Yanxin
Yanyuan Liu *see* Liu Yanyuan
Yanyun Wang *see* Huimin Liu 85658
Yao, D.D. *see* Connors, D.P. 92172
Yao, D.D. *see* Connors, D.P. 92173
Yao, D.H. *see* Lee, J.L. 94851
Yao, D.H. *see* Sullivan, T.D. 63468
Yao, D.H. *see* Sullivan, T.D. 115021
Yao, G.Q. *see* Jia, Y.Q. 64910
Yao, H. *see* Hayashi, T. 76234
Yao, H.-W., Wang, C., Zaki, K.A. Analysis of quarter wavelength ceramic combline filters 83317
Yao, H.-W. *see* Levy, R. 83314
Yao, H.H. *see* Keil, N. 95811
Yao, J.C. *see* Yu, S.J. 72515
Yao, J.G. *see* Yang, S. 76040
Yao, K., Galerne, P., Michel, J., Fracasso, B. Optical contour enhancement using a modified gradient filter 66974
Yao, K. *see* Keryer, G. 77189
Yao, K. *see* Lorenzelli, F. 93436
Yao, K. *see* Wang, A. 90611
Yao, K. *see* Wang, A. 108207
Yao, K. *see* Wang, A. 117295
Yao, L.J. *see* Cao, J. 108846
Yao, M., Gao, L., Parker, K.J. Quantitative analysis of blue noise mask generation 86933
Yao, M., Haiyun Tang, Fukazawa, M., Jianhui Zhou, Vahala, K., Newkirk, M., Miller, B. All-optical clock recovery from NRZ data using a nonlinear loop clock generator 75848
Yao, M., Parker, K.J. Application of blue noise mask in color halftoning 86932
Yao, M., Parker, K.J. The Blue-Noise Mask and its comparison with error diffusion in color halftoning 87222
Yao, N. *see* Mansky, P. 63487
Yao, R., Msaki, P., Bentourkia, M., Lecomte, R. Effects of energy space smoothing and projection space normalization on multispectral PET image quality 90357
Yao, R., Msaki, P., Cadorette, J., Bentourkia, M., Lecomte, R. Improvement of image quality in multispectral PET by energy space smoothing and detector space normalization 101102
Yao, R. *see* Lecomte, R. 90351
Yao, R. *see* Lecomte, R. 90426
Yao, S., He, Z.Y. The representation of multicomponent chirp signals using frequency-shear distribution 66635
Yao, T., Zhu, Z., Wu, Y.H., Song, C.D., Nishiyama, F., Kimura, K., Kajiyama, H., Miwa, S., Yasuda, T. Nitrogen doping and carrier compensation in p-ZnSe 74194
Yao, T. *see* Adachi, K. 61164
Yao, T. *see* Kuo, L.H. 103830
Yao, T. *see* Yi-Hong Wu 63020
Yao, T. *see* Yoshimura, M. 63374
Yao, T. *see* Yoshimura, M. 94569
Yao, X. *see* Liu, H.L. 96737
Yao, X. *see* Liu, Y. 110254
Yao, X. *see* Ruskell, T.G. 84188
Yao, X. *see* Zhu, W. 61351
Yao, X.S., Maleki, L. Optoelectronic oscillator for photonic systems 73153
Yao, X.S., Maleki, L. Optoelectronic microwave oscillator 96702
Yao, X.W. *see* Du, Y.C. 94737
Yao, Y.D., Huang, D.R., Hsieh, C.C., Chiang, D.Y., Wang, S.J. Simulation study of the magnetic coupling between radial magnetic gears 95393
Yao, Y.D., Huang, D.R., Lin, S.M., Wang, S.J. Theoretical computations of the magnetic coupling between magnetic gears 65682
Yao, Y.D., Liou, Y., Huang, J.C.A., Liao, S.Y., Klik, I., Chang, C.P., Lo, C.K. Fabrication and characterization of $\mathrm{Co}(1\bar{1}00)/\mathrm{Mo}(211)$ and $\mathrm{Co}(11\bar{2}0)/\mathrm{Mo}(100)$ bilayered films on MgO 113378
Yao, Y.D. *see* Bai, S.N. 75265
Yao, Y.D. *see* Chang, W.C. 64322
Yao, Y.D. *see* Ching-Ray Chang 115569
Yao, Y.D. *see* Hsu, J.H. 115531
Yao, Y.D. *see* Klik, I. 64225
Yao, Y.D. *see* Klik, I. 115782
Yao, Y.D. *see* Liou, Y. 75200

Yao, Y.D. *see* Wu, K.T. 75142
Yao, Y.X., Schaefers, J., Darouach, M. Robust fault detection based on factorization approach 108272
Yao, Z., Neacsu, D.O., Rajagopalan, V. Exact linearization for advanced reactive power compensators 121006
Yao, Z. *see* Rajagopalan, V. 104325
Yao, Z.-Q., Harrison, H.B., Dimitrijev, S., Yeow, Y.T. Characteristics of ultrathin dielectric films (<5 nm) grown or annealed in a nitric oxide ambient using rapid thermal processing 84066
Yao Bi, J.L., Nicolas, L., Nicolas, A. Vector absorbing boundary conditions for nodal or mixed finite elements 65778
Yao Danya, Peng Lihui, Zhang Baofen Simulation on the sensitivity field of the electrical capacitance transducer for process tomography [two-phase flow measurement] 110443
Yao Daping *see* Daping Yao
Yao Demiao *see* Demiao Yao
Yao Dezhong The equivalent source technique and cortical imaging 101364
Yao Dezhong Fast interpolation of n-dimensional signal by subsequence FFT 117337
Yao Feng-Hui *see* Feng-Hui Yao
Yao Fuqiang, Hu Xinlin Researches on development strategy for communication counter-countermeasures 107930
Yao Heping The communication protocol of computer network in power system–ICCP protocol 80913
Yao Huang Ching *see* Ching Yao Huang
Yao Jianquan *see* Ning Jiping 116452
Yao Jun *see* Shu Xiaojian 116576
Yao Jung *see* Ding Wu 116577
Yao Kailun *see* Gang Guojia 104034
Yao Li, Szu, H.H., Yunlong Sheng, Caulfield, H.J. Wavelet processing and optics 66944
Yao Li, Ting Wang Distribution of light power and optical signals using embedded mirrors inside polymer optical fibers 106799
Yao Li, Ting Wang, Linke, R.A. A beam-steering opto-electronic cross-bar interconnect using VCSEL arrays 88554
Yao Li, Tongli Wei, Jiang Zheng, Keqiang Shen, Meifang Gao Cryogenic behaviors of polysilicon emitter bipolar transistors and ECL circuits 95172
Yao Li *see* Li Yao
Yao Liang Combinatorial optimization by Hopfield networks using adjusting neurons 113181
Yao Luogu A limited vocabulary speaker-dependent marketable English speech recognition system 117267
Yao Minyan *see* Minyan Yao
Yao Qindong *see* Wu Zheng 117813
Yao Qingdong *see* Han Yan 109908
Yao Qixiang *see* Qixiang Yao
Yao Ruoping *see* Miao Lijie 102634
Yao Ruoping *see* Ruoping Yao
Yao Shee *see* Shee Yao
Yao Wei-Jen *see* Wei-Jen Yao
Yao Xi *see* Kong Lingbing 69112
Yao Xi *see* Sun Ping 64094
Yao Xi *see* Xi Yao
Yao Yan *see* Ren Zhijun 118813
Yao Yan *see* Wang Zhaocheng 108812
Yao Yan *see* Wang Zhaocheng 118797
Yao Yan *see* Wang Zhaocheng 119086
Yao Yan *see* Xiao Weimin 118040
Yao Yan *see* Xu Xibin 117934
Yao Yan *see* Zhao Ming 118814
Yao Yan *see* Zhao Ming 119048
Yao Yan *see* Yan Yao
Yao Ying, Liang Honglin Relationship between resistance and detectivity of photoconductive HgCdTe detectors 96002
Yao Yongyang *see* Wang Jingyu 109371
Yao Yuliang *see* Chen Jun 119925
Yao Zhao, Xiaofang Tang, Baozong Yuan A new iterated transformation theory for image compression 86815
Yao Zhixin, Pan Boliang, Qian Yujun, Wang Junying, Jin Yongxing A practical 10 W CuBr laser 65032
Yao Ziwen *see* Ziwen Yao
Yao-Chao Yang *see* Blennemann, H. 60655
Yao-Ching Liu, Douligeris, C. Static vs. adaptive feedback congestion controller for ATM networks 77605
Yao-Gang Liu *see* Ke-Ming Wang 85038
Yao-Guo Xue *see* Tian-Ying Li 74010
Yao-Huang Kao, Hung-Yih Wang Method predicts the performance of wideband VCOs 104818
Yao-Huang Kao *see* Hung-Tser Lin 68446
Yao-Kun Qin Millimeter wave dielectric lens antennas with scanning reflector for guidance systems 76587
Yao-Ping Chen *see* Chung-Ping Chen 82870
Yao-Tsung Tsai, Bay-Ann Yuan, Jian-Ming Shyu An algorithm to extract circuit and physical models of a-Si TFT 84366
Yao-Wen Chang, Wong, D.F., Wong, G.K. Universal switch-module design for symmetric-array-based FPGAs 61792
Yao-Wen Chang *see* Chung-Ping Chen 82863
Yao-Wen Chang *see* Kuo, J.B. 74668
Yaochao Yang, Brews, J.R. Guidelines for high-performance electronic package interconnections approach for strong coupling 60614
Yaochao Yang, Brews, J.R. Design trade-offs for the last stage of an unregulated, long-channel CMOS off-chip driver with simultaneous switching noise and switching time considerations 95182
Yaochao Yang, Brews, J.R. Design for velocity saturated, short-channel CMOS drivers with simultaneous switching noise and switching time considerations 104438
Yaohui Zhang, Klann, R., Ploog, K.H., Grahn, H.T. Quenching of the spontaneous current oscillations in GaAs/AlAs superlattices under domain formation 94522
Yaohui Zhang, Xiaoping Yang, Wei Liu, Penghua Zhang, Desheng Jiang Novel sequential tunneling due to Γ-X resonance in GaAs/AlAs superlattices 62852
Yaohui Zhang *see* Baoquan Sun 83958
Yaoi, T. *see* Negoro, Y. 106637
Yaoi, T. *see* Okabe, A. 115712
Yaojiang, Z. *see* Shanjia, X. 73650
Yaojing Li *see* Li Yaojing
Yaolin Wang *see* Zhoughe Jin 84666
Yaoming Wang *see* Wang Yaoming
Yaonan Liu *see* Liu Yaonan
Yaorong Ge, Fitzpatrick, M. Extraction of maximal inscribed disks from discrete Euclidean distance maps 86429
Yaorong Wang *see* Wang Yaorong
Yaoting Zhu *see* Zhu Yaoting
Yaoxing Guan *see* Guan Yaoxing
Yaoxue Zhang *see* Zhang Yaoxue
Yaoyu Wang *see* Wang Yaoyu
Yaozhong Ge *see* Ge Yaozhong
Yaozhong Wang *see* Wang Yaozhong
Yaozhu Yin *see* Binquan Wang 117564
Yaozu Yin *see* Guoqiang Li 106895
Yaozu Yin *see* Haifeng Peng 86974
Yaozu Yin *see* Liren Liu 85207
Yaozu Yin *see* Ning Wang 64853
Yap, A., Vo, T., Wijaya, H. A fiber optic acoustic sensor based on the Sagnac interferometer 79762
Yap, D., Ng, W.W., Bohmeyer, D.M., Hsu, H.P., Yen, H.W., Tabasky, M.J., Negri, A.J., Mehr, J., Armiento, C.A., Haugsjaa, P.O. RF optoelectronic transmitter and receiver arrays on silicon waferboards 85344
Yap, D. *see* Haugsjaa, P. 72296
Yap, D. *see* Koehler, S.D. 65003
Yap, J.T. *see* Wernick, M.N. 101330
Yap, M.T. *see* Cheng, T.H. 77680
Yap, Y.K., Inagaki, M., Nakajima, S., Mori, Y., Sasaki, T. High-power fourth- and fifth-harmonic generation of a Nd:YAG laser by means of $CsLiB_6O_{10}$ 107609
Yap-Peng Tan, Ramadge, P.J., Kulkarni, S.R. Detection, tracking and profile estimation of multiple moving objects 86873
Yaparpalvi, R., Fontenla, D.P., Lio Yu, Lai, P.P., Vikram, B. Radiation therapy of breast carcinoma: confirmation of prescription dose using diodes 80465
Yaparpalvi, R. *see* Fontenla, D.P. 110914
Yaping Du, Cheng, T.C., Farag, A.S. Principles of power-frequency magnetic field shielding with flat sheets in a source of long conductors 107933
Yaping Du *see* Farag, A.S. 102909
Yapsir, A.S. *see* Chen, B.A. 84579
Yaqing Tu *see* Tu Yaqing
Yaqub, M., Zubair, S.M. Thermodynamic analysis of capacity-control schemes for refrigeration and air-conditioning systems 71922
Yarahoglu, G.G., Atalar, A., Koymen, H. Fresnel Lamb wave and V-groove lenses with tunable mode selectivity 106466
Yarai, A., Yokoyama, Y., Nakanishi, T. High-speed photothermal tomographic imaging instrument with arrayed detection probes optimized by numerical analysis from viewpoint of mutual electrical interference between probes 119677
Yarai, A. *see* Nakanishi, T. 92980
Yaramishev, S.G. *see* Kolomiets, A.A. 90006
Yarba, V.A. *see* Harding, D.J. 89795
Yarba, V.A. *see* Harding, D.J. 89796
Yarborough, R., Saunier, P., Hua Quen Tserng Performance comparison of 1 watt Ka-band MMIC amplifiers using pseudomorphic HEMTs and ion-implanted MESFETs 83422
Yarbrough, T., Andreasen, L. ADSI on the rise [analog display services interface protocol] 118682
Yarbrough, W. *see* Olasupo, K.R. 94959
Yard, G. *see* Meinertzhagen, A. 84007
Yardim, A., Karam, L.J., McClellan, J.H., Cain, G.D. Performance of complex Chebyshev approximation in delay-root-Nyquist filter design 117522
Yardim, A. *see* Allen, G.H. 93589
Yardim, A. *see* Laakso, T.I. 93580
Yardim, A. *see* Sabel, L.P. 73164
Yardim, A. *see* Sabel, L.P. 78519
Yardimci, Y., Cadzow, J.A. Direction-of-arrival estimation in the presence of sensor model errors 108384
Yardley, J. *see* Liu, Y.S. 116287
Yardley, J.T., Eldada, L., Norwood, R.A., Stengel, K.M.T., Shacklette, L.W., Chengjiu Wu, Chuck Xu Toward the practical application of polymeric interconnection technology 85045
Yardley, J.T., Eldada, L., Norwood, R.A., Stengel, K.M.T., Shacklette, L.W., Chengjiu Wu, Xu, C. Design and characterization of organic channel waveguides 106839
Yardley, J.T. *see* Eldada, L. 85052
Yaremchuk, A. On a choice of the optimum sounding signal for time-delay spectrometry 68732
Yariv, A. *see* Eliyahu, D. 96172
Yariv, A. *see* Feng, J. 65261
Yariv, A. *see* Marshall, W.K. 65178
Yariv, A. *see* Marshall, W.K. 119254
Yariv, A. *see* Orlov, S. 116784
Yariv, A. *see* Salvatore, R.A. 65347
Yarkin, D.G. *see* Kazanskii, A.G. 62771
Yarkin, D.G. *see* Kazanskii, A.G. 94400
Yarlykov, M.S., Chizhov, O.P. Suboptimum algorithms for reception and integrated processing of quasicoherent signals from a satellite radionavigation system 109832
Yarmakhov, I.G. Electromagnetic scattering by unclosed sheets and by slots in conducting and impedance screens 65820
Yarmakhov, I.G. A study of thin-shell models of electromagnetic diffraction by conducting and dielectric bodies 111074
Yarman-Vural, F.T., Atici, A. A heuristic algorithm for optical character recognition of Arabic script 86519
Yarmarkin, V.K. *see* Lemanov, V.V. 64165
Yarmarkin, V.K. *see* Lemanov, V.V. 113358
Yarmoff, J.A. *see* Simpson, W.C. 94325
Yarmolik, V.N., Mikityuk, V.G. A new efficient memory testing algorithm 93393
Yarmolik, V.N., Murashko, I.A. A concept for the design of a test pattern generator for built-in VLSI self-testing 95118
Yarmolik, V.N. *see* Mikitjuk, V.G. 73342
Yarmolik, V.N. *see* van de Goor, A.J. 104549
Yarmovski, Y. *see* Kedem, K. 98182
Yarn, K.F. GaAs three-terminal double delta-doped triangular barrier switch prepared by molecular beam epitaxy 74703
Yarn, K.F. *see* Sze, P.W. 82590
Yarnall, R. One percent resistors–but are they? 104888
Yaron, O. *see* Shaked, D. 67413
Yaropolov, A.I. *see* Varfolomeev, S.D. 110224
Yaroshchuk, O., Reznikov, Yu., Pelzl, G. Two types of hologram recording in liquid crystals introduced into porous glasses 85747
Yaroslavsky, L. *see* Shuqing Zhang 110731
Yaroslavsky, L.P. *see* Moreno, I. 117707
Yarovitskii, A.V. *see* Vasil'ev, V.V. 107329
Yarovoi, T.V. *see* Varfolomeev, A.A. 96542
Yarovoi, V.V. *see* Ergakov, K.V. 75886
Yarovoy, V. *see* Ergakov, K. 116685
Yaru Wang *see* Wang Yaru
Yarwood, M. *see* Vincent, N. 111207
Yarygin, N. *see* Andriischin, A. 100413
Yarygin, S.N. *see* Sobenin, N.P. 96441
Yarygina, V. *see* Kulagin, Yu. 116322
Yasaka, H., Sanjoh, H., Ishii, H., Yoshikuni, Y., Oe, K. Finely tunable 10-Gb/s signal wavelength conversion from 1530 to 1560-nm region using a super structure grating distributed Bragg reflector laser 68485
Yasaka, H., Sanjoh, H., Ishii, H., Yoshikuni, Y., Oe, K. Repeated wavelength conversion of 10 Gb/s signals and converted signal gating using wavelength-tunable semiconductor lasers 78889
Yasaka, H., Yoshikuni, Y., Sato, K., Ishii, H., Sanjoh, H. Multiwavelength light source with precise frequency spacing using mode-locked semiconductor laser and arrayed waveguide grating filter 85497
Yasaka, H. *see* Okamoto, H. 68439
Yasaka, H. *see* Okamoto, H. 78888
Yasaka, H. *see* Okamoto, H. 109611
Yasaka, H. *see* Zamkotsian, F. 119195
Yasaki, T. *see* Mojtahedi, H.A. 120514
Yase, K., Sumimoto, S.-S., Matsuda, H., Kato, M. Formation mechanism of thin solid films of Alq3 on several substrates 72896
Yase, K. *see* Ara-Kato, N. 72811
Yaseen, N.M. *see* Al-Bustani, A. 115130
Yaseen, R. *see* Rutz, W.L. 70730
Yashe Liu *see* Liu Yashe
Yashiki, K. *see* Naniwae, K. 74156
Yashima, H., Wang, Q., Bhargava, V.K. Performances of chip coding in FFH SSMA systems 99107
Yashima, M., Takuma, T., Kawamoto, T. Basic study on hybrid-gas-insulated transmission line (H-GIL) 81070
Yashima, Y., Shimizu, A., Kotera, H. An HDTV parallel coding method based on image division 68893
Yashima, Y. *see* Tashiro, Y. 78270
Yashin, A.N. Manifestation of irreversible relaxation in multiplication of binary numbers by the photon echo method 65524
Yashin, V.E. Problems of SBS phase conjugation application in large scale fusion lasers facilities 85616
Yashin, Y.P. *see* Drescher, P. 105007
Yashiro, H. *see* Matsushima, I. 75812
Yashiro, H. *see* Onoue, K. 61146
Yashiro, H. *see* Onoue, K. 103821
Yashiro, K. *see* Kitamura, T. 105733
Yashiro, S. *see* Suzuki, T. 109236
Yashiro, Z. *see* Ohnishi, H. 98992
Yasillo, N.J. *see* Aarsvold, J.N. 110700
Yasillo, N.J. *see* Mintzer, R.A. 101258
Yasinskii, M. *see* Kravchuk, V. 85158

Yaskin, A.A. *see* Gaisler, V.A. 105322
Yasko, R.N. A summary of the types of failure analyses infrequently encountered in the maintenance of a high volume, surface mount technology (SMT) production line 92320
Yasohama, K. *see* Kasahara, H. 95568
Yasoshima, H. *see* Kabuo, H. 61946
Yasoshima, H. *see* Kabuo, H. 93477
Yassein, I. *see* Arafa, B.A. 102201
Yassievich, I.N., Schmalz, K., Odnoblyudov, M.A., Kagan, M.S. Two-dimensional A^+ states in boron doped SiGe quantum structures 62965
Yassievich, I.N. *see* Bresler, M.S. 75720
Yassievich, I.N. *see* Ganichev, S.D. 62679
Yassin, G., Padman, R., Withington, S. Finline mixers for imaging arrays 68819
Yassin, G., Withington, S. Loss in normal and superconducting millimetre-wave and submillimetre wave microstrip transmission line 62148
Yassin, I. *see* Shehata, S.A.M. 91026
Yassin, I. *see* Swidan, M.A. 101988
Yassine, A. *see* Lerasle, F. 67307
Yastrebkov, V.N. *see* Shunin, G.E. 89055
Yasu, M. *see* Mino, S. 64999
Yasu, M. *see* Mino, S. 96061
Yasuda, A., Suzuki, O., Zhu, P., Wei, W., Fan, C., Chiba, H., Kawamura, M. Data transmission to ships and local positioning system using the Japanese domestic geostationary satellites 88781
Yasuda, A., Takanashi, H., Matsui, E., Kataoka, N., Nito, K., Shirochi, Y. A wobbling device using ferroelectric liquid crystals for high resolution projectors 89250
Yasuda, A., Yu, F., Namie, H. The evaluation of positioning accuracy against transmission delay of DGPS correction data 78593
Yasuda, A. *see* Arai, T. 87649
Yasuda, A. *see* Namie, H. 88745
Yasuda, A. *see* Suzuki, O. 87652
Yasuda, A. *see* Tanimoto, H. 73547
Yasuda, A. *see* Yu, F. 88746
Yasuda, E. *see* Asakawa, M. 96555
Yasuda, E. *see* Fujita, M. 96451
Yasuda, H., Ide, T., Kawamura, Y., Suzuki, K. Integration of an SNA network into a TCP/IP network environment 87760
Yasuda, H., Otogawa, A., Momona, M., Takenaka, H. Research on the customer information network 102037
Yasuda, H., Uchida, S., Shimada, Y., Motokoshi, S., Tsubakimoto, K., Yamanaka, C., Fujita, H., Izawa, Y., Yamanaka, T., Kawasaki, Z., Ishikubo, Y., Adachi, M. Fundamental experiments on laser triggered lightning–plasma generation under winter thunderstorms 76313
Yasuda, H. *see* Amine, K. 71635
Yasuda, H. *see* Uchida, S. 81132
Yasuda, I., Hishinuma, M. Electrochemical properties of doped lanthanum chromites as interconnectors for solid oxide fuel cells 71688
Yasuda, I., Hishinuma, M. Mathematical analysis of stress distribution in acceptor-doped lanthanum chromites under an oxygen potential gradient 81841
Yasuda, I., Torii, S., Ebihara, D., Hattori, T. The characteristics of high-Tc superconducting variable reluctance linear actuator 91702
Yasuda, I. *see* Hishinuma, M. 81763
Yasuda, K., Kishimoto, T., Kaizu, K., Kaneko, Y., Kawauchi, M., Oka, H. Small planar packaging system with field-replaceable switching MCMs 88041
Yasuda, K., Minamide, M., Kawamoto, K., Maejima, T. MOVPE growth of (100) CdZnTe layers using DiPZn 74175
Yasuda, K. *see* Chiba, Y. 98990
Yasuda, K. *see* Kanai, Y. 90789
Yasuda, K. *see* Miao, Z. 70784
Yasuda, K. *see* Min Zhao 121074
Yasuda, K. *see* Ooishi, T. 61899
Yasuda, K. *see* Ooishi, T. 93614
Yasuda, K. *see* Zhou, D. 121255
Yasuda, K. *see* Zhou, Y. 101745
Yasuda, M., Murakami, N., Saitoh, M. Introduction of CAD system used for GS8600 and GS8400 61565
Yasuda, M. *see* Kadota, Y. 82401
Yasuda, M. *see* Tsuneoka, M. 73843
Yasuda, N. *see* Morita, Y. 67827
Yasuda, N. *see* Satake, H. 94619
Yasuda, S. *see* Hasegawa, T. 91105
Yasuda, S. *see* Nishi, T. 78625
Yasuda, T. Chaos and its stochastic aspects 60828
Yasuda, T., Yasui, T., Zhang Baoping, Segawa, Y. Direct observation of nitrogen acceptor passivation in ZnSe by hydrogen plasma 74241
Yasuda, T. *see* Baoping Zhang 61163
Yasuda, T. *see* Fujii, S. 101427
Yasuda, T. *see* Fujiwara, H. 94542
Yasuda, T. *see* Kuo, L.H. 103830
Yasuda, T. *see* Morgan, B.A. 63122
Yasuda, T. *see* Yao, T. 74194
Yasuda, Y., Yasuno, T., Katayama, F., Toida, T., Sakata, H. Image database system featuring graceful oblivion 109231
Yasuda, Y. *see* Andres, F. 109247
Yasuda, Y. *see* Andres, F. 109891
Yasuda, Y. *see* Horii, Y. 88013
Yasuda, Y. *see* Iwano, H. 104025
Yasuda, Y. *see* Nagata, T. 88046
Yasuda, Y. *see* Pahala Pasaribu, D. 87137
Yasuda, Y. *see* Shinoda, H. 105466
Yasuda, Y. *see* Yasuno, T. 77513
Yasugi, N. *see* Mizoshiri, I. 90304
Yasuhara, N., Funaki, H., Matsudai, T., Nakagawa, A. Experimental verification of large current capability of lateral IEGTs on SOI 105996
Yasuhara, N. *see* Funaki, H. 105936
Yasui, H. *see* Hirota, A. 81362
Yasui, I. *see* Taga, N. 94374
Yasui, K. Efficient and stable operation of a high-brightness cw 500-W Nd:YAG rod laser 75883
Yasui, K., Fujita, H., Ninagawa, N., Akahane, T. Low temperature growth of microcrystalline SiC films by confined plasma CVD method 104164
Yasui, K., Konno, S., Kojima, T. CW/Q-switched 40-W green beam generation by frequency doubling with a $KTiOPO_4$ crystal 96201
Yasui, K., Nakagawa, T., Sandoh, H. An automatic-repeat request policy for a data transmission system with three types of error probabilities 98466
Yasui, K., Yoshida, H., Harada, T., Akahane, T. Growth of zincblende GaN films by electron cyclotron resonance plasma enhanced chemical vapor deposition 104067
Yasui, K. *see* Hashimoto, A. 102313
Yasui, T., Araki, T., Suzuki, N. An intermittent frequency offset lock of a transverse Zeeman laser to an iodine stabilized He-Ne laser 96107
Yasui, T. *see* Baoping Zhang 61163
Yasui, T. *see* Morgan, B.A. 63122
Yasui, T. *see* Yasuda, T. 74241
Yasui, Y. *see* Kusunoki, H. 67098
Yasui, Y. *see* Shimizu, Y. 91413
Yasuike, K. *see* Miyamoto, S. 69601
Yasujima, A. *see* Shiomi, S. 84818
Yasukawa, H. Frequency domain adaptive digital filter for spectrum extrapolation of band limited speech 76889
Yasukawa, Y., Takita, K., Hiue, H., Itoh, I., Mimura, M., Iwashita, K., Tanaka, Y., Iwakuma, E., Funaki, K., Takeo, M., Yamafuji, K. Development of 2 kA high-temperature-superconductor current lead system for AC applications 95549
Yasukawa, Y. *see* Yamada, S. 102176
Yasukevich, A.S. *see* Karpushko, F.V. 111301
Yasukevich, A.S. *see* Sinitsyn, G.V. 85725
Yasumori, T. *see* Matsubara, I. 102197
Yasumoto, E. *see* Taniguchi, N. 81744
Yasumoto, E. *see* Taniguchi, N. 81786
Yasumoto, M. *see* Kobayashi, A. 96534
Yasumoto, M. *see* Okuma, S. 107400
Yasumoto, M. *see* Tomimasu, T. 76063
Yasumoto, M. *see* Tomimasu, T. 107395
Yasunaga, T. *see* Ito, D. 95397
Yasuno, T., Suzuki, S., Yasuda, Y. Object surface representation using occlusion analysis of spatio-temporal images 77513
Yasuno, T. *see* Mori, T.Y. 86828
Yasuno, T. *see* Yasuda, Y. 109231
Yasuo, T. *see* Miyake, Y. 81757
Yasuo Cho, Kirihara, A., Saeki, T. Development of nonlinear dielectric microscope and its application to measurement of ferroelectric polarization 110326
Yasuo Kuga *see* Tsz-King Chan 70453
Yasuoka, A. *see* Haraguchi, Y. 93353
Yasuoka, A. *see* Mazumder, M.K. 94620
Yasuoka, A. *see* Sato, H. 93352
Yasuoka, A. *see* Teramoto, A. 93391
Yasuoka, A. *see* Wakamiya, W. 115039
Yasuoka, K. Ternary decision diagrams 61517
Yasuoka, K. *see* Hara, K. 80005
Yasuoka, K. *see* Okita, Y. 75820
Yasuoka, Y. *see* Kobayashi, H. 117072
Yasuoka, Y. *see* Nozue, T. 115910
Yasuoka, Y. *see* Uchida, T. 106067
Yasushi Yamanaka *see* Hiroshi Fujii 87949
Yasutake, M. *see* Hattori, T. 114830
Yasutomi, F. *see* Chiba, N. 92307
Yasutomi, S., Mori, H., Kotani, S. Finding pedestrians by estimating temporal-frequency and spatial-period of the moving objects 77097
Yasutsune, H. *see* Hirachi, K. 121565
Yasuura, H. *see* Akaboshi, H. 104592
Yat-Hong Sung Johnny *see* Johnny Yat-Hong Sung
Yata, S. Polyacene (PAS) batteries 112289
Yatagai, T., Kawai, S., Huang, H. Optical computing and interconnects 75629
Yatagai, T. *see* Arima, H. 86993
Yatagai, T. *see* Feng Lei 86994
Yatagai, T. *see* Harada, K. 85097
Yatagai, T. *see* Hongxin Huang 75627
Yatagai, T. *see* Hongxin Huang 85211
Yatagai, T. *see* Jianping Ding 87242
Yatagai, T. *see* Mori, M. 86992
Yatagai, T. *see* Yoshikawa, N. 85776
Yatao Yang, Wallace, P.A., Campbell, M. Distributed optical fiber chemical sensor 79494
Yates, D.J., Nahum, E.M., Kurose, J.F., Towsley, D. Networking support for large scale multiprocessor servers 77732
Yates, E.R. *see* Merritt, S.W. 88481
Yates, G.J., King, N.S.P., Thomas, M.C. Measured responsivities of generation II and hybrid image intensifiers 74081
Yates, G.J. *see* Thomas, M.C. 79521
Yates, G.J. *see* Thomas, M.C. 79522
Yates, J., Lacey, J., Everitt, D., Summerfield, M. Limited-range wavelength translation in all-optical networks 88581
Yates, J.M., Lacey, J.P.R., Everitt, D.E., Summerfield, M.A. Performance of all-optical WDM networks using four-wave mixing wavelength translators 78752
Yates, J.T., Jr. *see* Ukraintsev, V.A. 106253
Yates, K. *see* Mizell, G. 96198
Yates, M. *see* Hamada, T. 118497
Yates, R. *see* Saquib, M. 108345
Yates, R.B. *see* Brown, C.I. 61923
Yates, R.B. *see* Williams, C.B. 81491
Yates, R.B. *see* Williams, C.B. 91568
Yates, R.D. *see* Andersin, M. 109554
Yates, R.D. *see* Chen-Nee Chuah 88372
Yates, R.D. *see* Ching Yao Huang 118900
Yates, R.D. *see* Narasimhan, P. 68078
Yates, R.D. *see* Narasimhan, P. 87478
Yates, R.D. *see* Rose, C. 67673
Yates, R.D. *see* Rose, C. 109421
Yates, R.E. *see* Warnquist, M.A. 90638
Yates, R.K., Lemay, J. The impact of local competition on universal service policies 87981
Yates, R.S. Lighting education–what is the need? 122066
Yatim, B. *see* Aziz, A.Z.A. 86662
Yatsenko, N.A. Principal trends in development of gas lasers with RF excitation 107080
Yatsenko, N.A. Gas discharge lasers with combined pumping 107107
Yatsenko, N.A. *see* Raizer, Yu.P. 107100
Yatsenko, Y. *see* Brunner, H. 72710
Yatsenko, Yu.P. *see* Dianov, E. 85695
Yatskevich, V.I. *see* Tamelo, A.A. 73817
Yatskiv, D.Y. *see* Grabovskil, V.V. 65170
Yatskiv, D.Ya. *see* Bondar, M.V. 76081
Yatskiv, D.Ya. *see* Grabovski, V.V. 96598
Yatsuda, H., Eimura, T. Flip-chip assembly technique for SAW devices 84753
Yatsuda, H., Oguri, M., Horishima, T. Miniature SAW filters in GHz range 68222
Yatsui, K. *see* Komi, T. 116328
Yatsui, K. *see* Miyamoto, S. 69601
Yatsui, K. *see* Sonegawa, T. 106297
Yatsui, K. *see* Sonegawa, T. 113461
Yatsuka, H. *see* Ninomiya, T. 99097
Yatsuka, H. *see* Takimoto, Y. 87750
Yatsuo, T. *see* Kawase, D. 105588
Yatsuo, T. *see* Onuki, J. 105736
Yatsuzuka, K., Higashiyama, Y., Asano, K. Electrification of polymer surface caused by sliding ultrapure water 92964
Yatsuzuka, K. *see* Asano, K. 79685
Yatsuzuka, M., Nakayama, M., Hashimoto, Y., Azuma, K., Nobuhara, S., Ishihara, O. Temporal evolution of anode and cathode plasmas in a vircator diode 62593
Yatsuzuka, M. *see* Young, D. 62591
Yatsuzuka, Y., Oyamada, S., Iizuka, S. An object-oriented platform for quality maintenance systems and its implementation for fax quality evaluation 77916
Yau, D.K.Y. *see* Lam, S.S. 117857
Yau, H.-F. *see* Wen, C.-J. 98347
Yau, J.K.F., Savvides, N., Sorrell, C.C. Influence of mechanical strain on critical current density and microstructure of silver-sheathed Bi(Pb)2223 superconducting tapes 106649
Yau, M.H. *see* Ting, H.F. 108876
Yau, S.-T. *see* Chung, F.R.K. 103558
Yau, S.F., Srivastava, D., Tso, S.W. Image coding using generalized optimal subband decomposition and vector quantization 67065
Yau, S.F., Wong, S.H. A linear extrapolator for limited angle tomography 110787
Yau, V., Pawlikowski, K. A conflict-free traffic assignment algorithm using forward planning 87507
Yau Chor-Tung *see* Chor-Tung Yau
Yau Hon-Fai *see* Hon-Fai Yau
Yau Sze Fong *see* Sze Fong Yau
Yau Wei Yun *see* Wei Yun Yau
Yau-Hwang Kuo *see* Chang-Shing Lee 108457
Yau-Hwang Kuo *see* Chang-Shing Lee 117791
Yau-Hwang Kuo *see* Chao-Lieh Chen 104578
Yau-Tarng Juang *see* Shin-Lun Tung 97648
Yaung, D.N. *see* Hwang, J.D. 61183
Yavas, O. *see* Oltra, R. 94795
Yavatkar, R. *see* Bettati, R. 118531
Yaver, H. *see* Goulding, F.S. 100958
Yaver, H. *see* Maier, M.R. 90245
Yaver, H. *see* Maier, M.R. 100940
Yaver, H. *see* Turko, B.T. 90204
Yaver, H. *see* Turko, B.T. 100966
Yavich, B.S. *see* Drescher, P. 105007
Yavich, B.S. *see* Timofeev, F.N. 63319
Yavor, S.Ya. *see* Naidenov, V.O. 79928
Yavorskii, I.N. *see* Panacyuk, O.N. 113073
Yavuz, H. *see* Sahin, B. 81914
Yavuz Oruc, A., Huang, H.M. Crosspoint complexity of sparse crossbar concentrators 98397
Yaw-Wen Lin *see* Shiuh-Jer Huang 68988
Yaw-Wu Chen *see* Hsi-Ching Chen 81513
Yaw-Wu Chen *see* Wen-Ying Chang 81514
Yawen Yang *see* Yang Yawen
Yaworski, H.G., Craig, G., Roberts, D. The use of silicone gels for jointing power cables 121215
Yaxin Wang *see* Lamouri, A. 74034
Yaxiong Gou *see* Gou Yaxiong

Yaylali, I., Kocak, H., Jayakar, P. Detection of seizures from small samples using nonlinear dynamic system theory 80401
Yaz, E.E. *see* Amiradozi, J. 70781
Yaz, E.E. *see* Amirazodi, J. 121118
Yazami, R., Deschamps, M. High reversible capacity carbon-lithium negative electrode in polymer electrolyte 81673
Yazawa, M. *see* Hiruma, K. 82652
Yazawa, T., Tasaki, K., Tosaka, T., Kurusu, T., Nomura, S., Maeda, H., Ohkuma, T., Nakaade, M., Hara, T. AC loss reduction of a 6.6 kV superconducting fault current limiter 102053
Yazawa, T. *see* Ishii, M. 100808
Yazawa, T. *see* Kobayashi, M. 80004
Yazawa, T. *see* Koyanagi, K. 95535
Yazawa, T. *see* Nakajima, C. 70882
Yazawa, T. *see* Tasaki, K. 102263
Yazawa, Y. *see* Kitatani, T. 112391
Yazawa, Y. *see* Kondow, M. 103881
Yazawa, Y. *see* Nakahara, K. 96401
Yazawa, Y. *see* Uchida, Y. 104024
Yazdanpanah, A. *see* Gillibrand, D. 112634
Yazdi, N. *see* Selvakumar, A. 74936
Yazgan, E. *see* Saka, B. 66090
Yazhen Wang Jump and sharp cusp detection by wavelets with applications to estimation of functions with jumps 103554
Yazidi, M.El *see* El Yazidi, M.
Yazlyeva, A.I. *see* Slobodchikov, S.V. 63166
Yazlyeva, A.I. *see* Slobodchikov, S.V. 114682
Yazynin, I. Beam extraction with using volume reflection effect in crystals 100731
Yckache, K. *see* Sagnes, B. 114831
Ye, A.L., Peng, G.D., Chu, P.L. Characterisation and optimisation of mechanical properties of BISPEC fibre devices 75467
Ye, C. *see* Polla, D.L. 69178
Ye, F.Q., Pekar, J.J., Jezzard, P., Duyn, J., Frank, J.A., McLaughlin, A.C. Perfusion imaging of the human brain at 1.5 T using a single-shot EPI spin tagging approach 120338
Ye, H. *see* DeGroat, R.D. 86186
Ye, H. *see* Wang, H.B. 75348
Ye, J. *see* Dube, P. 107594
Ye, J. *see* Takac, M.T. 115057
Ye, L. *see* Koh, S. 96055
Ye, P., Chen, D.S., Li, K.K., David, A.K. A novel algorithm for high-resistance earth-fault distance protection 121228
Ye, P. *see* Xiang, J. 94788
Ye, P.D., Weiss, D., Gerhardts, R.R., Von Klitzing, K., Eberl, K., Nickel, H. Magnetotransport in periodic magnetic fields 105261
Ye, P.X. *see* Dou, S.X. 116730
Ye, Q. *see* Hsueh, A. 98952
Ye, Q. *see* Shivakumar, P.N. 61709
Ye, R. *see* Tsou, H.S. 115451
Ye, R. *see* Tzou, H.S. 95306
Ye, R. *see* Tzou, H.S. 115458
Ye, S. *see* Mansour, R.R. 95621
Ye, Y. *see* Lue, B. 85568
Ye, Y. *see* Ma, D.X. 114917
Ye, Z., Sakai, T., Noreus, D., Rosen, E., Barring, N.E. Test of Ni-MH batteries made by a dry powder process 71656
Ye, Z. *see* Sakai, T. 71671
Ye, Z.-G., Burkhardt, E., Rivera, J.-P., Schmid, H. Uniaxial stress-induced phase transition, piezo-optical effect and optical domain studies in Cr-Cl boracite 106363
Ye Bo *see* Bo Ye
Ye Chao *see* Chao Ye
Ye Chen *see* Neff, J. 99033
Ye Cheng, Feng Zhiming, Xiang Yingxu, Xin Rubin, Jin Feng Poling properties of doped films of transparent nitrophenyltriazole in glassy polymer 85681
Ye Feng, Wang Yifang HIRFL status and HIRFL-CSR proposal 89698
Ye Feng *see* Zhang Wenzhi 120039
Ye Gu *see* Gu Ye
Ye Hoon Lee, Sang Wu Kim Adaptive data transmission scheme for DS/SSMA system in bandlimited Rayleigh fading channel 68211
Ye Hua, Luo Yongjian, Lin Zhencai, Luo Guixiang A digital phase-locked 8 mm band solid state source 73708
Ye Hua *see* Zhang Guangzhao 69485
Ye Jianguo, Xie Kanglin The development of remote control receiver 119386
Ye Jiaxiong *see* Fu Guangjie 77349
Ye Jiaxiong *see* Jiaxiong Ye
Ye Jingbo A software method to implement network dynamic reconstruction 77974
Ye Jinghan *see* Jinghan Ye
Ye Jinhan *see* Jinhan Ye
Ye Jinxiang *see* Chen Jun 119925
Ye Jun Research on x-y precision micropositioner 106376
Ye Jun *see* Jun Ye
Ye Li, Zhi Ding Global convergence of fractionally spaced Godard (CMA) adaptive equalizers 67500
Ye Lun *see* Lun Ye
Ye Ning *see* Ning Ye
Ye Pei-Da *see* Yan Xiao-Ping 118007
Ye Pei-Da *see* Yan Xiao-Ping 119262
Ye Peida *see* Xu Yongming 118009
Ye Peida *see* Peida Ye
Ye Peixian *see* Peixian Ye
Ye Shanghui *see* Zhang Jianhua 82560
Ye Shen *see* Shen Ye
Ye Shenghua *see* Shenghua Ye
Ye Shixun A comprehensive description on power distribution system and development of its automation 91160
Ye Tianchun *see* Tianchun Ye
Ye Wanzhou *see* Wanzhou Ye
Ye Wei *see* Bao Zheng 68621
Ye Weichum *see* Weichum Ye
Ye Weichun *see* Weichun Ye
Ye Xia *see* Chiussi, F.M. 77666
Ye Xia *see* Chiussi, F.M. 87345
Ye Xiao-Guang *see* Xiao-Guang Ye
Ye Xiaodong *see* Xiaodong Ye
Ye Xinhua *see* Xinhua Ye
Ye Xiong-Ying *see* Li Yong 74865
Ye Xiongying *see* Xiongying Ye
Ye Xunchun *see* Tianchun Ye 84492
Ye Yang *see* Fang Ming 80827
Ye Yibin *see* Yibin Ye
Ye Yidong *see* Feng Guoying 107209
Ye Yizheng *see* Yizheng Ye
Ye Yukang *see* Yukang Ye
Ye Zhenhuan *see* Dong Jinxing 65015
Ye Zhijian *see* Zhijian Ye
Ye Zhizhen High resolution TEM characterization of silicon epitaxial layers grown at very low temperature under low pressure by ultrahigh vacuum/chemical vapor deposition 113485
Ye Zhongxing *see* Zhongxing Ye
Ye Zifeng, Liu Baige, Liu Xiaoting, Shen Zhe, Zhou Jianjun, Zhang Qingfan An on-line holographic method for measurement of particle distribution of an atomized rotating field 100400
Ye Zuxiang *see* Zuxiang Ye
Ye-In Chang, Jui-Hsiang Chen A hybrid approach to design correct communication protocols 77725
Yea, B., Monishi, R., Osaki, T., Abe, S., Tanioka, H., Sugahara, K. Analysis of the sensing mechanism of tin dioxide thin film gas sensors using the change of work function in flammable gas atmosphere 110271
Yeadon, N., Garcia, F., Hutchison, D., Shepherd, D. Continuous media filters for heterogeneous internetworking 87921
Yeadon, N., Garcia, F., Hutchison, D., Shepherd, D. Filters: QoS support mechanisms for multipeer communications 109205
Yeadon, N., Mauthe, A., Garcia, F., Hutchison, D. QoS filters: addressing the heterogeneity gap 78210
Yeadon, N. *see* Garcia, F. 98897
Yeager, E.B. *see* Kanamura, K. 121874
Yeager, K. R&D and the dimensions of value 60501
Yean-Kuen Fang *see* Chii-Wen Chen 74724
Yean-Kuen Fang *see* Kuen-Hsien Wu 92703
Yean-Yow Hwang *see* Cong, J. 82881
Yeap, C.-F. *see* Hasnat, K. 94956
Yeap, T.H. *see* Petriu, E.M. 62094
Yeap Soon Aun *see* Soon Aun Yeap
Yearby, K.H. *see* Miguel Vieira Monteiro, A. 77918
Yeargan, J.R. *see* Hagler, M.O. 112764
Yearl, H.Y. *see* Joon, S.Y. 119034
Yearl Han Young *see* Young Yearl Han
Yearn-Ik Choi *see* Chong-Man Yun 74723
Yearn-Ik Choi *see* Chong-Man Yun 84370
Yearn-Ik Choi *see* Doo-Young Kim 94902
Yearn-Ik Choi *see* Jae-Hyung Kim 74764
Yearn-Ik Choi *see* Seong-Dong Kim 94947
Yearn-Ik Choi *see* Seung-Youp Han 74676
Yearn-Ik Choi *see* Seung-Youp Han 84294
Yearwood, J. *see* Subic, A. 72116
Yeat Chen Li *see* Li Yeat Chen
Yeates, P.D. *see* Park, Y.K. 78685
Yeates, P.D. *see* Park, Y.K. 99577
Yeatman, E.M. An integrated optical technology based on sol-gel glasses on silicon: the NODES project 95802
Yeaton, A. *see* Tarr, N.G. 120553
Yeatts, J. *see* Saaski, E.W. 80677
Yebin Wang *see* Chuangtian Chen 107555
Yeck, M.M. *see* Holling, G.H. 83013
Yeck, M.M. *see* Holling, G.H. 84518
Yeddanapudi, M. *see* Kirubarajan, T. 111069
Yee, A.L. *see* Busta, H.H. 83755
Yee, D. *see* Henderson, T. 89790
Yee, D.S. *see* Chen, B.A. 84579
Yee, D.S. *see* Kim, D.S. 116483
Yee, G. *see* Enright, T. 114389
Yee, I.H. *see* Cho, C.H. 119104
Yee, J. *see* Monahan, K. 115079
Yee, K.F. *see* Jiunn-Yann Tsai 84396
Yee, R. The SHARC architecture for DSP multiprocessing 93409
Yee, R. *see* Stockstad, T. 104343
Yee, S. *see* Wang, W.-C. 79463
Yee, S.R. *see* Griffin, P.M. 98297
Yee, W.M., Shore, K.A. Lasing threshold calculations for mid- and far-infrared intersubband semiconductor lasers 107224
Yee, W.M., Shore, K.A. Laser diode phase conjugate mirrors and optical repeaters 107226
Yee, Y.H. *see* Kim, D.S. 114755
Yee, Y.H. *see* Kim, D.S. 116483
Yee, Y.H. *see* Sungkyu Yu 85573
Yee Hong Leung *see* Smith, J.J. 109813
Yee Kwok Chee *see* Chee Yee Kwok
Yee Lun Chor *see* Lun Chor Yee
Yee Mei-Ling *see* Mei-Ling Yee
Yee Soung Ryong *see* Soung Ryong Yee
Yee Youngjoo *see* Youngjoo Yee
Yee-Hsiang Chang *see* Cohen, R. 98564
Yee-Pien Yang *see* Yu-Chin Tsui 69968
Yeeloy Lam *see* Bhattacharya, P. 107270
Yefan Li *see* Li Yefan
Yefei Zhou *see* Zhou Yefei
Yeger, A. *see* Kaidanov, F.G. 111654
Yegna Narayanan, S.S., Ananthakrishnan, P., Hangari, V.U. Simulation of fault performance of a diesel engine driven brushless alternator through PSPICE 111919
Yegna Narayanan, S.S., Ananthakrishnan, P., Hangari, V.U. Performance analysis of a diesel engine driven brushless alternator with combined AC and thyristor fed DC loads through PSPICE 111920
Yegna Narayanan, S.S., Murthy, B.K., Bose, S., Sridhara Rao, G. Analysis and control of power fluctuations in a wave energy operated Wells turbine driven grid connected induction generator 81347
Yegna Narayanan, S.S., Murthy, B.K., Bose, S., Sridhara Rao, G. Dynamic analysis of a grid-connected induction generator driven by a wave-energy turbine 111954
Yegna Narayanan, S.S., Murthy, B.K., Sridhara Rao, G. Dynamic analysis of a grid-connected induction generator driven by a wave-energy turbine through hunting networks 111956
Yegnanarayana, B. On timing in time-frequency analysis of speech signals 66569
Yegnanarayana, B. *see* Raghu, P.P. 108587
Yegnanarayana, B. *see* Sekhar, C.C. 108214
Yegnanarayanan, S., Trinh, P.D., Jalali, B. Recirculating photonic filter: a wavelength-selective time delay for phased-array antennas and wavelength code-division multiple access 64880
Yegnanarayanan, S. *see* Coppinger, F. 95940
Yegnanarayanan, S. *see* Trinh, P.D. 64761
Yegorov, I.V. *see* Kaikkonen, P. 80598
Yegoyantc, P.A. *see* Ikonnikov, V.K. 107086
Yegui Xiao, Kobayashi, Y., Tadokoro, Y. A novel memoryless nonlinear gradient algorithm for a second-order adaptive IIR notch filter 108358
Yeh, C., Bergman, L. Pulse shepherding in nonlinear fiber optics 116021
Yeh, C.-C. *see* Jeng, Y.-J. 97416
Yeh, C.-F., Lin, S.-S. Novel low-stress $SiO_{2-x}F_x$ film deposited by room-temperature liquid-phase deposition method 74922
Yeh, C.C. *see* Lee, C.H. 63276
Yeh, C.C. *see* Lee, C.H. 94273
Yeh, C.P. *see* Hu, K.X. 114489
Yeh, C.S., Luo, J., Lewicki, L., Hwang, K.W., Huang, C., Chen, H., Kao, C.Y., Mendel, R. Compact MOSFET modeling for mixed-signal design 106050
Yeh, C.S. *see* Phanse, A.M. 63969
Yeh, E.-C., Sumic, Z., Venkata, S.S. Intelligent primary router for underground residential distribution design 91151
Yeh, E.-C., Tram, H. Information integration in computerized distribution system planning 121139
Yeh, E.-C., Venkata, S.S., Sumic, Z. Improved distribution system planning using computational evolution 70870
Yeh, E.C. *see* Chien Sheng Wang 120517
Yeh, G. *see* Carpenter, R.B., Jr. 91995
Yeh, G.K., Burr, J.B., Bagchi, K.K., Peterson, A.M. CASCADE: a computer-aided tool for low energy high-performance multi-DSP VLSI system design 97816
Yeh, H.-Y. *see* Hills, A. 108991
Yeh, K.-H., Lu, H.-C. Shape parameter in the two-dimensional low-pass FIR digital filters design by transformation 114098
Yeh, M.-H. *see* Pei, S.-C. 117375
Yeh, M.-L. *see* Liou, W.R. 74696
Yeh, M.H. *see* Wang, J.P. 72890
Yeh, N.H. *see* Ahn, T.W. 114141
Yeh, P. *see* Eblen, J.P., Jr. 90703
Yeh, R., Pister, K.S.J. Measurement of static friction in mechanical couplings of articulated microrobots 74980
Yeh, R. *see* Chang, F.I. 74976
Yeh, R.T. *see* Mills, S.F. 111009
Yeh, S. *see* Mills, S.F. 111009
Yeh, S.-M., Su, C.S. UV induced thermoluminescence in rare earth oxide doped phosphors: possible use for UV dosimetry 106955
Yeh, S.-N. *see* Shih, C.-F. 121036
Yeh, S.L. *see* Huang, M.J. 96756
Yeh, S.T. *see* Chan, C.H. 100443
Yeh, S.Y., Alinger, M.A., Betta, C.E., Will, T.J. Designing concurrent processes for integrated services deployment 77878
Yeh, S.Y., Rosen, C.W., Kittredge, B.J. Design and applications of global networking infrastructure 78142
Yeh, T. *see* Lin, C.L. 106580
Yeh, T. *see* Wang, G. 115637
Yeh, T.-S. *see* Liu, C.-T. 111432
Yeh, T.H. *see* Chang, K.M. 94763
Yeh, T.R. *see* Chia, W.M. 104233
Yeh, T.R. *see* Chia, W.M. 110499
Yeh, T.T., Mattingly, G.E. Laser Doppler velocimeter studies of the pipeflow produced by a generic header 79759

Yeh, W.-K., Chen, M.-C., Wang, P.-J., Liu, L.-M., Lin, M.-S. Deposition properties of selective tungsten chemical vapor deposition 113439
Yeh, W.K. *see* Chang, T.C. 61190
Yeh, Y.-H. *see* Lai, J.-T. 64958
Yeh, Y.C. Triple-triple redundant 777 primary flight computer 80569
Yeh Char-Yuan *see* Char-Yuan Yeh
Yeh Chaur Ching *see* Chaur Ching Yeh
Yeh Chen-Chu *see* Chen-Chu Yeh
Yeh Chin-Chih *see* Chin-Chih Yeh
Yeh Ching-Fa *see* Ching-Fa Yeh
Yeh H-Jane *see* H-Jane Yeh
Yeh Ia Hsun *see* Ia Hsun Yeh
Yeh Jang-Hun *see* Jang-Hun Yeh
Yeh Jihhsien *see* Lee Chingting 82653
Yeh Jinn-Wang *see* Jinn-Wang Yeh
Yeh Jui-Ming *see* Jui-Ming Yeh
Yeh Ming-Chieh *see* Ming-Chieh Yeh
Yeh Nan-Hsiung *see* Nan-Hsiung Yeh
Yeh Pen-Shu *see* Pen-Shu Yeh
Yeh Pochi *see* Pochi Yeh
Yeh Quey-Jen *see* Quey-Jen Yeh
Yeh Sheng-Nian *see* Sheng-Nian Yeh
Yeh Shih-Hsien *see* Shih-Hsien Yeh
Yeh Shu-Ming *see* Shu-Ming Yeh
Yeh Shuting *see* Shuting Yeh
Yeh Ta-Hsun *see* Ta-Hsun Yeh
Yeh Trai-Ming *see* Trai-Ming Yeh
Yeh Tzeng-Shong *see* Tzeng-Shong Yeh
Yeh Wen-Kuan *see* Wen-Kuan Yeh
Yeh Yuxu *see* Yuxu Yeh
Yeh-Ning Jou *see* Ming-Jer Chen 61708
Yehia, H., Itakura, F. A method to combine acoustic and morphological constraints in the speech production inverse problem 76866
Yehia, S.El Badawy *see* El Badawy Yehia, S.
Yei, J. *see* Yang, T. 98435
Yei-Chung Lee, Che-Ho Wei A pseudo-2D adaptive decision feedback equalizer for high density magnetic recording system 75267
Yeldener, S., Kondoz, A.M., Evans, B.G. Two-band excited linear predictive speech coding for mobile satellite communication systems 98951
Yelland, C., Sibbett, W. Stable 4 W CW solid-state green source pumped by fibre-coupled diode-laser arrays 65161
Yelland, C. *see* Gritten, M.P. 65162
Yelland, J. Residential demand side management (RDSM) 70701
Yellapantula, R.V. *see* Tahernezadhi, M. 119074
Yellepeddy, V. *see* Moganti, M. 62472
Yellin, D., Vardy, A., Amrani, O. Combined decision feedback equalization and coding for high SNR channels 66414
Yellin, S. *see* Abe, K. 69708
Yellin, S. *see* Abe, K. 69726
Yelon, A. *see* Ababou, Y. 114605
Yelon, A. *see* Ciureanu, P. 64287
Yelon, A. *see* Ciureanu, P. 115475
Yelon, A. *see* Ivanov, D.V. 119659
Yelon, A. *see* Izquierdo, R. 92927
Yelon, A. *see* Lecours, A. 100166
Yelon, W.B., Hu, Z., Chang, W.C., Lu, S.L. Neutron diffraction structural analysis of $Y_2Fe_{15}T_2C$ (T=Al,Ga,Si) alloys 115543
Yelon, W.B., Hu, Z., Chen, M., Luo, H., Ezekwenna, P.C., Marasinghe, G.K., James, W.J., Buschow, K.H.J., Middleton, D.P., Pourarian, F. Neutron diffraction and magnetic studies of $Nd_2Fe_{17-x}T_x$, (T=Si, Mn) alloys 115547
Yelon, W.B., Hu, Z., James, W.J., Marasinghe, G.K. Site affinity of substituents in $Nd_2Fe_{17-x}T_x$ (T=Cu,Zr,Nb,Ti,V) alloys 75101
Yelon, W.B. *see* Hu, Z. 64318
Yelon, W.B. *see* Hu, Z. 75134
Yelon, W.B. *see* Hu, Z. 115510
Yelon, W.B. *see* Luo, H. 75135
Yelon, W.B. *see* Luo, H. 115511
Yelon, W.B. *see* Marasinghe, G.K. 64214
Yelon, W.B. *see* Menon, L. 75144
Yeltsov, A.V. *see* Baklanov, A.I. 100099
Yelundur, V. *see* Turbini, L.J. 104959
Yelverton, J.N. Wireless avionics 70354
Yemez, Y. *see* Aydin, T. 108500
Yemini, S.A., Kliger, S., Mozes, E., Yemini, Y., Ohsie, D. High speed and robust event correlation 67674
Yemini, Y. *see* Florissi, D. 118518
Yemini, Y. *see* Yemini, S.A. 67674
Yen, C.E., Tittmann, B.R. Guided wave sensor for in-situ high temperature process monitoring 111393
Yen, C.E. *see* Tittmann, B.R. 82809
Yen, H.C. *see* Lai, R. 104878
Yen, H.W. *see* Haugsjaa, P. 72296
Yen, H.W. *see* Yap, D. 85344
Yen, J. Binary image scaling by piecewise polynomial interpolation 67018
Yen, J. *see* Chih-Wei Chang 110690
Yen, J.C., Zhang, Q., Mondry, M.J., Chavarkar, P.M., Hu, E.L., Long, S.I., Mishra, U.K. Monolithic integrated resonant tunneling diode and heterostructure junction field effect transistor logic circuits 61798
Yen, J.C., Zhang, Q., Mondry, M.J., Chavarkar, P.M., Hu, E.L., Long, S.I., Mishra, U.K. Monolithic integrated resonant tunneling diode and heterostructure junction field effect transistor circuits 115370
Yen, K.Y. *see* Wang, B.H. 68522
Yen, K.Y. *see* Wang, B.H. 78939
Yen, K.Y. *see* Way, W.I. 119200
Yen, N.-Y. *see* Su, S.-L. 99131
Yen, N.D. *see* Oettli, W. 82488
Yen, P.T. *see* Quang, V.X. 106958
Yen, S. *see* Agnello, M. 110583
Yen, Y.T. *see* Desai, M.P. 82844
Yen Fu, Yimin Hsu, Chhabra, D., Li-Yan Zhu, Wachenschwanz, D. The performance of dual-stripe magnetoresistive heads in near contact 115730
Yen Huan-Chun *see* Huan-Chun Yen
Yen Jia-Yush *see* Jia-Yush Yen
Yen Jung-Liang *see* Jung-Liang Yen
Yen Kuo Hsin *see* Kuo Hsin Yen
Yen Ming-Ching *see* Ming-Ching Yen
Yen Nan-Yang *see* Nan-Yang Yen
Yen Shih-Shong *see* Shih-Shong Yen
Yen Shun Tung *see* Shun Tung Yen
Yen Shun-Tung *see* Shun-Tung Yen
Yen Sung-Ming *see* Sung-Ming Yen
Yen Wei *see* Guang-Way Jang 116102
Yen Wei *see* Wei Yen
Yen Yi-Fen *see* Yi-Fen Yen
Yen Zhuangzhi A camera calibration method for stereoscopic disparity metrology 98270
Yen-Feng Hsu *see* Ching-Yin Lee 121473
Yen-Hao Tseng, Jenq-Neng Hwang, Sheehan, F.H. 3-D heart contour delineation and motion tracking of ultrasound images using continuous distance transform neural networks 110782
Yen-Jen Lee, Du, D.H.C., Wei-Hsiu Ma SESAME: a Scalable and ExtenSible Architecture for Multimedia Entertainment 109217
Yen-Jen Oyang *see* Meng-Huang Lee 68855
Yen-Jen Oyang *see* Meng-Huang Lee 68856
Yen-Juan Chao *see* Chen-Yi Lee 77109
Yen-Kuang Chen, Kung, S.Y. A multi-module minimization neural network for motion-based scene segmentation 108627
Yen-Kuang Kuo, Bimbaum, M., Stultz, R.D. $Ho{:}YVO_4$ and $Ho{:}YLiF_4$ solid-state saturable absorber Q-switches for 2-μm $Tm,Cr{:}Y_3Al_5O_{12}$ laser 65403
Yen-Liang Chen *see* Wen-Jyi Hwang 77284
Yen-Wei Chen, Nakao, Z., Arakaki, K., Tamura, S. Reconstruction of neutron penumbral images by a genetic algorithm with Laplacian constraint 108624
Yen-Wei Chen, Nakao, Z., Iguchi, M. Image restoration by a constrained genetic algorithm 67187
Yen-Wei Chen, Nakao, Z., Iguchi, M., Tamura, S. Evolutionary reconstruction of coded images 86861
Yen-Wei Chen, Nakao, Z., Xue Fang A parallel genetic algorithm based on the island model for image restoration 108625
Yen-Wei Chen *see* Nakao, Z. 108454
Yen-Wei Chen *see* Nakao, Z. 108455
Yen-Wen Chen *see* Wu, J.-L.C. 87286
Yenchieh Huang, Byer, R.L. A dielectric-based, GeV/m crossed-laser-beam electron linear accelerator 69602
Yenen, B. *see* Tarim, N. 113696
Yener, A., Rose, C. Paging strategies for highly mobile users 118999
Yener, B. *see* Ofek, Y. 87469
Yeng-Neng Hsieh *see* Lih-Shan Chen 112890
Yenn-Ming Tzeng, Jaw-Shyang Wu, Chao-Shen Chen, Tsung-En Lee The application of AM/FM system to distribution system service restoration 91125
Yenn-Ming Tzeng *see* Chao-Shun Chen 91134
Yentang Lyu *see* Lyu Yentang
Yentis, R., Jr., Zaghloul, M.E. VLSI implementation of locally connected neural network for solving partial differential equations 93644
Yeo, B.-L., Liu, B. Visual content highlighting via automatic extraction of embedded captions on MPEG compressed video 86317
Yeo, C.K. *see* Choa, V. 60433
Yeo, H., Hu, Y.H. A novel matching criterion and low power architecture for real-time block based motion estimation 108608
Yeo, I.-S., Liao, C.-N., Ho, P.S., Kawasaki, H. Stress relaxation and microstructural change in passivated Al(Cu) lines during isothermal annealing 114999
Yeo, I.-S. *see* Ho, P.S. 63472
Yeo, I.-S. *see* Ho, P.S. 84234
Yeo, J.-H., Nam, J.L., Oh, S.H., Moon, J.T., Koh, Y.B., Smith, N.P., Smout, A. Improved overlay measurement of CMP processed layers [lithography] 115069
Yeo, J.-H., Nam, J.L., Oh, S.H., Moon, J.T., Koh, Y.B., Smith, N.P., Smout, A. Improved overlay reading on MLR structures 115070
Yeo, J.S., Youden, K.E., Huang, T.F., Hesselink, L., Harris, J.S., Jr. Homoepitaxial and heteroepitaxial growth of $Sr_{0.61}Ba_{0.39}Nb_2O_6$ thin films by pulsed laser deposition 92695
Yeo, K.S. *see* Lee, S.T. 93620
Yeo, S.P., Teo, S.G. Application of least-squares boundary residual method to the analysis of a thin circular iris in a TE_{11}-mode circular waveguide 73638
Yeo, S.P. *see* Abouzahra, M.D. 114196
Yeo, T.S., Lay, W.L., Lu, Y.H., Ng, W.E., Lim, I., Zhang, C.B. Improved multiple look technique 111103
Yeo, T.S., Leong, M.S., Kooi, P.S. A parametric study on the normalized susceptance of cascaded multiple and symmetrical irises using a modified break-point technique 73662
Yeo, T.S. *see* Leong, M.S. 97230
Yeo, T.S. *see* Lu, Y.H. 111337
Yeo Boon-Lock *see* Boon-Lock Yeo
Yeo Chai Kiat *see* Soon Ing Yann 98138
Yeo Chai Kiat *see* Chai Kiat Yeo
Yeo Derek *see* Derek Yeo
Yeo Dong-Hun *see* Dong-Hun Yeo
Yeo Hangu *see* Hangu Yeo
Yeo In-Seok *see* In-Seok Yeo
Yeo Jaehyun *see* Jaehyun Yeo
Yeo Lik Wee *see* Soon, W.B.H. 118692
Yeoh Eng Hong, Chong Aik Kean, Tay, R. A new interlayer dielectric (ILD) cracking mechanism in ceramic packaged multilayered CMOS devices 74840
Yeoh Teong-San *see* Teong-San Yeoh
Yeol Lee Soo *see* Soo Yeol Lee
Yeom Geun-Young *see* Geun-Young Yeom
Yeon Lee Kwon *see* Kwon Yeon Lee
Yeon Moon Byeong *see* Byeong Yeon Moon
Yeon Park Jee *see* Jee Yeon Park
Yeon Park Seo *see* Seo Yeon Park
Yeon Seon Lee, Nam Kim, Seong Gyoon Park, Jong Tae Ihm Implementation of multi-level phase gratings for the optical interconnection using liquid crystal television 85138
Yeon Seung Ryu, Kern Koh A dynamic buffer management technique for minimizing the necessary buffer space in a continuous media server 98852
Yeon Wan Koh *see* Ho Jin Jeong 69211
Yeon-Cheol Heo, Byung Gook Park, Jong Duk Lee The effect of guard line on plasma damage 105642
Yeon-Dae Yang *see* Yong-Wan Park 118899
Yeon-Seal Ku *see* Ho-Yong Song 108791
Yeon-Seol Koo *see* Han-Kyoung Kim 98588
Yeon-Seol Koo *see* Han-Kyoung Kim 109309
Yeon-Sung Choi *see* Dong-Wook Kim 77291
Yeong Gil Shin *see* Byeong-Seok Shin 86692
Yeong Jee Chung *see* Dong Do Lee 118030
Yeong Kim Jae *see* Jae Yeong Kim
Yeong Weon Hwang *see* Hyeun Tae Lee 67597
Yeong-Dae Kim, Hyeong-Gyu Lim, Moon-Won Park Search heuristics for a flowshop scheduling problem in a printed circuit board assembly process 72240
Yeong-Her Chen, Yang-Tung Huang Coupling-efficiency analysis and control of dual antiresonant reflecting optical waveguides 76538
Yeong-Ho Ha *see* Chae-Soo Lee 86620
Yeong-Ho Ha *see* Eung-Joo Lee 68846
Yeong-Ho Ha *see* Han-Kyu Lee 77512
Yeong-Ho Ha *see* Kun-Woen Song 67378
Yeong-Ho Ha *see* Kyeong-Hoon Do 86342
Yeong-Ho Ha *see* Kyeong-Man Kim 98235
Yeong-Jeu Sun, Jer-Guang Hsieh A note on the circular bound of polynomial zeros 72407
Yeong-Jeu Sun, Jui-Hong Horng, Jer-Guang Hsieh Annular bounds for the zeros of a family of complex-coefficient polynomials 73007
Yeong-Kang Lai, Liang-Gee Chen, Hsu-Tung Chen, Mei-Juan Chen, Yung-Pin Lee, Po-Cheng Wu A novel video signal processor with programmable data arrangement and efficient memory configuration 104582
Yeong-Kang Lai *see* Hsu-Tung Chen 109162
Yeong-Lin Lai, Chang, E.Y., Chun-Yen Chang, Chen, T.K., Liu, T.H., Wang, S.P., Chen, T.H., Lee, C.T. 5 mm high-power-density dual-delta-doped power HEMT's for 3 V L-band applications 62237
Yeong-Maw Chen *see* Chou, B.C.S. 88989
Yeong-Ruey Shieh, Cheng- Wen Wu DC control and observation structures for analog circuits 62057
Yeongseuk Kim *see* Jaechun Han 83103
Yeou-Jyh Tsai *see* Enge, P. 99681
Yeou-Jyh Tsai *see* Lawrence, D. 68772
Yeou-Kuang Tzeng, Ching-Tsai Pan, Wang, T.C. A fixed structure sliding mode control of the low-power consumption Maglev system for high speed transportation 71831
Yeoul Yun Tae *see* Tae Yeoul Yun
Yeow, E. *see* Severns, R. 71818
Yeow, Y.T. *see* Tanner, P.G. 105667
Yeow, Y.T. *see* Yao, Z.-Q. 84066
Yeow Yew-Tong *see* Yew-Tong Yeow
Yeralan, S. *see* Balaban, M. 117613
Yeremian, A.D., Miller, R.H. Next linear collider test accelerator injector upgrade 100437
Yeremian, A.D. *see* Tang, H. 90106
Yeremin, A. Recent advances in methods of moments for solving 3D industrial CEM problems 96913
Yeremka, V.D., Mospan, L.P. Orbitron maser of the millimeter and the submillimeter wave ranges with field emission cathode 75778
Yeremka, V.D. *see* Poplavko, Y.M. 64086
Yermakov, A.I. Determination of the intensity of the discrete part of the power spectrum of a radio pulsed signal using the dispersion of its random phase 85889

Yerofeev, Yu.N. Reconstruction of a time interval when the measurement output pulse is arbitrarily delayed 108236
Yerokhin, V.F., Zhartovskii, S.V. Protocol of insistent q-access with carrier check in settling conflicts at the physical level 108827
Yeru, I.I. Quasioptical systems of coherent reception in the terahertz range (an overview) 79115
Yesha, Y. *see* Flater, D. 67741
Yeshu Yuan *see* Yuan Yeshu
Yesilyurt, S., Ghaddar, C.K., Cruz, M.E., Patera, A.T. Bayesian-validated surrogates for noisy computer simulations: application to random media 92632
Yeuan-Kuen Lee *see* Ling-Hwei Chen 97889
Yeuming, C., Zhiyun, Z., Yongchao, S., Sukun, X. The stability analysis and design of high-order $\Sigma\Delta$ modulators 114041
Yeun-Bae Kim, Shibata, M., Ehara, T. Agent-based broadcasting with video indexing 109851
Yeun-Cheul Jeung *see* Sang-Sung Han 68311
Yeun-Cheul Jeung *see* Tong-Ha Kim 88857
Yeung, C.K., Wei, V.K.W. A fixed-assignment-FDMA/multicarrier-CDMA hybrid system for statistical multiplexing 67565
Yeung, D., Chen, N., Ferguson, R.D.G., Lee, L.I., Kun, L.E. Three-dimensional reconstruction of arteriovenous malformations from multiple stereotactic angiograms 120390
Yeung, D., Kubiatowicz, J., Agarwal, A. MGS: a multigrain shared memory system 77939
Yeung, D.K. *see* Palta, J.R. 90593
Yeung, F. *see* Chan, C. 83558
Yeung, G.K., Gardner, W.A. Search-efficient methods of detection of cyclostationary signals 66818
Yeung, K.H. Approximation to expected message delay of polling systems 118041
Yeung, K.H. *see* Ng, K.W. 99796
Yeung, K.L., Nanda, S. Optimal mobile-determined micro-macro cell selection 88334
Yeung, K.L., Yum, T.-S.P. A comparative study on location tracking strategies in cellular mobile radio systems 78448
Yeung, K.L., Yum, T.-S.P. Optimal prioritized handoff in linear microcellular radio systems 78458
Yeung, K.L., Yum, T.-S.P. Channel assignment optimization for cellular mobile networks 78580
Yeung, K.S. *see* Kwan, C.M. 91523
Yeung, P.H. *see* Yeung, T.S. 94111
Yeung, R.W. *see* Man Yiu Chan 66428
Yeung, R.W. *see* Roche, J.R. 66355
Yeung, S.K. *see* Petriu, E.M. 108349
Yeung, S.P., Georges, J.B., Cutrer, D.M., Ta-Chung Wu, Lau, K.Y. Millimeter wave signal transmission using uncoated telecommunications-grade distributed feedback lasers 78824
Yeung, S.P., Georges, J.B., Cutrer, D.M., Ta-Chung Wu, Lau, K.Y. Optical transmission of narrow-band mm-wave signals using telecommunications-grade DFB lasers 119150
Yeung, S.P. *see* Georges, J.B. 78946
Yeung, S.P. *see* Georges, J.B. 99502
Yeung, S.P. *see* Georges, J.B. 99582
Yeung, S.P. *see* Reynolds, J.S. 101085
Yeung, T.S., Yuen, M.M.F. Implementation study of intelligent system for IC transfer molding process 60619
Yeung, T.S., Yuen, M.M.F., Kwok, W.M., Kuah, T.H., Yeung, P.H. Development of initial machine setting program for IC transfer molding process 94111
Yeung Dit-Yan *see* Dit-Yan Yeung
Yeung Minerva *see* Minerva Yeung
Yevdokimov, Yu.M., Salyanov, V.I., Semenov, S.V. Analytical capacity of the DNA liquid-crystalline dispersions as biosensing units 110227
Yevdokimov, Yu.M. *see* Skuridin, S.G. 110228
Yevgen'ev, A.O. *see* Fursey, G.N. 73955
Yevick, D. Some recent advances in field propagation techniques 97258
Yevick, D. *see* Bardyszewski, W. 95813
Yevick, D. *see* Daly, M.G. 85074
Yevick, D. *see* Yu, J. 85105
Yevtushenko, N. *see* Petrenko, A. 118103
Yevtushenko, O.M. *see* Bass, F.G. 74386
Yevtushenko, V.N. *see* Gnativ, L.A. 72420
Yew, J.Y., Chen, L.J., Nakamura, K. Epitaxial growth of $NiSi_2$ on (111)Si inside 0.1-0.6 μm oxide openings prepared by electron beam lithography 92736
Yew, L.T. *see* Yusof, N.B.M. 92176
Yew, T.-R. *see* Hwang, H.L. 83793
Yew, T.L. *see* Lu, G. 86348
Yew, T.R. *see* Wang, K.C. 61322
Yew Chee Kiang *see* Yang Ji-Chen 112917
Yew Chuan Kuan *see* Ngoi, B.K.A. 72220
Yew Tai Chieng, Cowle, G.J., Minasian, R.A. Optimization of wavelength tuning of erbium-doped fiber ring lasers 85391
Yew Tee Lim *see* Lim Yew Tee
Yew-Hock Ang, Tze-Liang Chiam A genetic K-Means clustering algorithm for face recognition 87017
Yew-Huey Liu, Dantzig, P., Wu, C.E., Challenger, J., Ni, L.M. A distributed web server and its performance analysis on multiple platforms 87425
Yew-Tong Yeow *see* Tanner, P. 114960
Yewen Cao *see* Cao Yewen
Ygge, F. *see* Hagg, S. 70707
Yi, H. *see* Kim, S. 105240
Yi, H.J., Diaz, J., Eliashevich, I., Lukas, G., Kim, S., Wu, D., Erdthmann, M., Jelen, C., Slivken, S., Wang, L.J., Razeghi, M. Comparison of gain and threshold current density for InGaAsP/GaAs (λ=808 nm) lasers with different quantum well thickness 75941
Yi, H.R., Winkler, D., Claeson, T. Tunneling through grain boundaries of $YBa_2Cu_3O_7$ step-edge junctions 64531
Yi, J. *see* Choi, M.Y. 115946
Yi, J. *see* Yubazaki, N. 106122
Yi, J.H., Park, K.H., Kim, S.H., Kwak, Y.K., Abdelfatah, M., Busch-Vishniac, I. Robust force control for a magnetically levitated manipulator using flux density measurement 89469
Yi, J.H. *see* Park, K.H. 82166
Yi, J.Y., Platt, C.L., Rudee, M.L., Berkowitz, A.E., Cheeks, T.L. Sputter deposited Co/CoO composite materials 64272
Yi, J.Y. *see* Hirata, G.A. 82717
Yi, K.-W., Kakimoto, K., Eguchi, M., Noguchi, H. Oxygen transport mechanism in Si melt during single crystal growth in the Czochralski system 113274
Yi, S.-Y., Chae, H.-B., Lee, S.-H., Kim, E.-S. An optical object recognition system using log-polar coordinate transform of power spectrum and NJTC 117665
Yi, S.I., Widdra, W., Yan, C., Weinberg, W.H. Atomic hydrogen adsorption on Si(100)-(2×1) with preadsorbed acetylene: structure, bonding, and chemical reactions 94218
Yi, X., Mai, Z., Zhao, X., Zhou, F., Liu, L. High T_c superconducting linear array IR detectors using $YBa_2Cu_3O_{7-\delta}$ thin films 79409
Yi, Y. *see* Linton, D.G. 113029
Yi Aiping *see* Liu Jinru 116344
Yi Aiping *see* Zhao Xueqing 65013
Yi Bian GPS signal selective availability–modelling and simulation for FAA WAAS IV&V 68771
Yi Bian, O'Reilly, J. An accelerated search algorithm for punctured convolutional codes 86063
Yi Cai *see* Cai Yi
Yi Chaehag *see* Chaehag Yi
Yi Chang-Han *see* Chang-Han Yi
Yi Changlian *see* Changlian Yi
Yi Chen Kuang *see* Kuang Yi Chen
Yi Chen Zhi *see* Chen Zhi Yi
Yi Chiu, Stancil, D.D., Schlesinger, T.E. Large electro-optic coefficient observed in ion-exchanged potassium titanyl phosphate waveguides 95751
Yi Chu, Fang, W.-H., Chang, S.-H. Two-dimensional harmonic retrieval via forward-backward multiple-block rotational invariance structures 97865
Yi Chu, WeN-Hsien Fang, Ming-Huang Huang A signal enhanced state space approach for the estimation of two-dimensional frequencies 117434
Yi Chul-Un *see* Chul-Un Yi
Yi Dong *see* Dong Yi
Yi Gyu-Chul *see* Gyu-Chul Yi
Yi Hao, Zhang Duan Teletext Integrated Service Data Broadcasting 67725
Yi He *see* He Yi
Yi Hsuan, Coffey, J.T., Collins, O.M. The optimal erasing strategy for concatenated codes 66448
Yi Hu Preparation of stabilized $Pb(Zn_{1/3}Nb_{2/3})O_3$ (PZN) films by the sol-gel method 104077
Yi Huang *see* Huang Yi
Yi Jae-Woong *see* Jae-Woong Yi
Yi Jae-Yel *see* Jae-Yel Yi
Yi Jeong hyun *see* Jeong hyun Yi
Yi June Ho *see* June Ho Yi
Yi Kechu *see* Kechu Yi
Yi Kyung-Soo *see* Kyung-Soo Yi
Yi Kyungwoo *see* Kakimoto, K. 82575
Yi Lai Yi *see* Lai Yi Yi
Yi Leu Len *see* Len Yi Leu
Yi Li *see* Li Yi
Yi Liang Jia *see* Jia Yi Liang
Yi Lin *see* Lin Yi
Yi Liu Calibrating an industrial microwave six-port instrument using the artificial neural network technique 69473
Yi Liu *see* Zhiping Yu 84464
Yi Liu *see* Liu Yi
Yi Liu Ling *see* Ling Yi Liu
Yi Long *see* Long Yi
Yi Luo, Wen Wang, Tong Li, Bin He, Xiaohang Du Fabrication of 1.3 μm InGaAsP/InP gain-coupled DFB lasers with absorptive grating using LPE technique 107343
Yi Ping Wang *see* Wang Yi Ping
Yi Qian, Tipper, D., Medhi, D. A nonstationary analysis of bandwidth access control schemes for heterogeneous traffic in B-ISDN 87866
Yi Qian *see* Jun Hu 81928
Yi Qin *see* Qin Yi
Yi Sang-Bae *see* Sang-Bae Yi
Yi Sang-Yun *see* Sang-Yun Yi
Yi Shi *see* Shi Yi
Yi Siong-Hun *see* Siong-Hun Yi
Yi Sionghun *see* Sionghun Yi
Yi Su *see* Su Yi
Yi Sung *see* Sung Yi
Yi Wang, Grimm, R.C., Felmlee, J.P., Riederer, S.J., Ehman, R.L. Algorithms for extracting motion information from navigator echoes 101225
Yi Wang *see* Wang Yi
Yi Wu, Suter, D. A comparison of methods for scene change detection in noisy image sequence 67140
Yi Wu, Suter, D. Noisy image sequence registration and segmentation 86988
Yi Wu *see* Wu Yi
Yi Xianmin *see* Xianmin Yi
Yi Xiao *see* Xiao Yi
Yi Xie, Yitai Qian, Wenzhong Wang, Shuyuan Zhang, Yuheng Zhang A benzene-thermal synthetic route to nanocrystalline GaN 92661
Yi Xin Zhang, Tonello, O. Computer controlled impulse test and measurement system 109994
Yi Xu *see* Xu Yi
Yi Xu Dao *see* Dao Yi Xu
Yi Xun, Cheng Shixin, Xiao Guozhen Two new models of block cipher 108150
Yi Yan *see* Yan Yi
Yi Yang, Shanhua Xue, Shiyong Liu, Jinman Huang, Jiacong Shen Fabrication and characteristics of ZnS nanocrystals/polymer composite doped with tetraphenylbenzidine single layer structure light-emitting diode 85308
Yi Yang *see* Yang Yi
Yi Yang Ji *see* Ji Yi Yang
Yi Yi Lai *see* Lai Yi Yi
Yi Zhang *see* Hein, M.A. 83398
Yi Zhang Xin *see* Xin Yi Zhang
Yi Zhao *see* Yamamoto, M. 75079
Yi Zhou *see* Zhou Yi
Yi-Bing Lin Signaling System Number 7 108985
Yi-Bing Lin, Chlamtac, I. Heterogeneous personal communications services: integration of PCS systems 109459
Yi-Bing Lin, Fishwick, P.A. Asynchronous parallel discrete event simulation 77554
Yi-Bing Lin *see* Akyildiz, I.F. 99381
Yi-Bing Lin *see* Noerpel, A.R. 68088
Yi-Bing Lin *see* Noerpel, A.R. 78369
Yi-Chang Cheng, Erl-Huei Lu, To Chang, Po-Chiang Lu A new step-by-step decoder for double-error-correcting primitive binary BCH codes in normal basis 61736
Yi-Chen Cheng *see* Yuo-Hsien Shiau 83832
Yi-Cheng Lin, Chow, L.R. Generation of solved instances of multiconstraint knapsack problem and its applications to private key cipher 108119
Yi-Cheng Lin, Sarabandi, K. A coherent scattering model for forest canopies based on Monte Carlo simulation of fractal generated trees 120916
Yi-Chi Shih, Delaney, M., Kato, E., Isobe, R. MMIC applications to satellite communications 83519
Yi-Chiun Chen, Lee, C.C. Superconductor RF filtering and CDMA capacity 88226
Yi-Chung Chao *see* Enge, P. 99681
Yi-Chung Chao *see* Lawrence, D. 68772
Yi-Chung Lin *see* Tung-Hui Chiang 66588
Yi-Chyun Tseng, Linebarger, D.A. Efficient linear-quadratic filtering 66836
Yi-De Zhang *see* Zhao-Hua Cheng 75086
Yi-Ding Wang *see* Wang Yi-Ding
Yi-Fen Yen *see* Penttila, S.I. 120006
Yi-Feng Hung, Leachman, R.C. A production planning methodology for semiconductor manufacturing based on iterative simulation and linear programming calculations 60564
Yi-Han Yang *see* Yang Yi-Han
Yi-Hong Wu, Arai, K., Yao, T. Temperature dependence of the photoluminescence of ZnSe/ZnS quantum-dot structures 63020
Yi-Hsun Ethan Cheng, Chun-Shin Lin Application of dynamic radial basis function networks on image histogram clustering 77119
Yi-Jen Chan *see* Chun-Yi Chai 63113
Yi-Jen Chan *see* Chun-Yi Chai 63114
Yi-Jen Chan *see* Ming-Ta Yang 95035
Yi-Jen Chan *see* Ming-Ta Yang 95045
Yi-Jen Chiu, Berger, T. Video compression using fax techniques 86748
Yi-Kan Cheng, Chin-Chi Teng, Dharchoudhury, A., Rosenbaum, E., Sung-Mo Kang iCET: a complete chip-level thermal reliability diagnosis tool for CMOS VLSI chips 84591
Yi-Kan Cheng, Rosenbaum, E., Sung-Mo Kang ETS-A: a new electrothermal simulator for CMOS VLSI circuits 74833
Yi-Kan Cheng, Sung-Mo Kang Fast thermal analysis for CMOS VLSIC reliability 115346
Yi-Kan Cheng *see* Chin-Chi Teng 84248
Yi-Kan Cheng *see* Chin-Chi Teng 95192
Yi-Kwang Hu *see* Lee, C.L. 109916
Yi-Man Wang *see* Qi-Lue Chen 74047
Yi-Mo Zhang, Yu-Wen Qin, Zhan-Hua Huang, Bao-Zhen Ge, Hong Zhang Multi-channel real-time joint transform correlator 117819
Yi-Pin Wang, Stark, W.E. On the performance of partial-response DS/SS systems in a specular multipath environment 68127
Yi-Pin Wang *see* Koorapaty, H. 109487
Yi-Ping Cheng *see* Shih-Dean Kao 99850
Yi-Ping Hung *see* Chu-Song Chen 67071
Yi-Ping Hung *see* Chu-Song Chen 79016
Yi-Ping Hung *see* Jun-Wei Hsieh 87052
Yi-Ping Hung *see* Lin-Gwo Liou 86823
Yi-Ping Zeng *see* Jin-Min Li 69147
Yi-Sheng Zhu, Wai-Kai Chen An analytic method for the design of a constant resistance multiplexer 93545

Yi-Yao Chen *see* Chen Yi-Yao
Yi-Zhong Lin, Siu Sun Cheng Stability criteria for two partial difference equations 103784
Yi-Zhong Wang *see* Jifan Hu 75147
Yianilos, P.N. *see* Cox, I.J. 86384
Yiao-Tee Hsia, Donovan, M.J. Design and tribology of pseudo-contact recording heads 106597
Yiao-Tee Hsia, Rottmayer, R., Donovan, M.J. A new wear measurement technique for pseudo-contact magnetic recording heads 115753
Yibao Xin *see* Xin Yibao
Yibao Xing *see* Shengshi Zhu 102234
Yibin Ye, Roy, K. Low-power circuit design using adiabatic switching principle 93246
Yibin Ye, Roy, K. Energy recovery circuits using reversible and partially reversible logic 104463
Yibin Zheng, Doerschuk, P.C. Iterative reconstruction of three-dimensional objects from averaged Fourier-transform magnitude: solution and fiber X-ray scattering problems 98022
Yibing Yang *see* Tsui, H.T. 86875
Yicai Shi *see* Shi Yicai
Yicai Sun, Junsheng Shi, Qinghao Meng Measurement of sheet resistance of cross microareas using a modified van der Pauw method 69433
Yicheng Jiang *see* Jiang Yicheng
Yicheng Lu, Butler, C., McKenzie, J., Kuiwei Zhang A compact two dimensional optical fibre displacement sensor 110196
Yicheng Lu *see* Zu, L. 94130
Yichuang Sun, Fidler, J.K. Determination of the impedance matching domain of passive LC ladder networks: theory, and implementation 61578
Yichuang Sun, Fidler, J.K. Design of current-mode multiple output OTA and capacitor filters 83204
Yichuang Sun, Fidler, J.K. Analysis of current conveyor error effects in signal-processing circuits 83265
Yichuang Sun, Fidler, J.K. Structure generation of current-mode two integrator loop dual output-OTA grounded capacitor filters 114061
Yichun Bai *see* Bai Yichun
Yichun Guan *see* Guan Yichun
Yici Cai *see* Xianlong Hong 83057
Yidong Feng, Guangqiong Zhang Fault tolerant techniques for a water turbine runner control system 71175
Yidong Ye *see* Ye Yidong
Yie He, Harris, R., Napadenski, G., Maseeh, F. A virtual prototype manufacturing software system for MEMS 74897
Yiengwattananon, T., Chamnongthai, K. A method of autonomous vehicle guidance by using white dash-line recognition 86877
Yifan Gong *see* Siohan, O. 97638
Yifan Guo *see* Bongtae Han 72290
Yifan Zhao, Lipo, T.A. An approach to modeling and field-oriented control of a three phase induction machine with structural imbalance 71747
Yifang Wang *see* Wang Yifang
Yifei Ma *see* Ma Yifei
Yifeng Chen *see* Chen Yifeng
Yifeng Zhou *see* Zonguang Yu 83178
Yigang Xu *see* Zhoughe Jin 84666
Yigang Xu *see* Xu Yigang
Yigit, K.S. *see* Sopian, K. 71920
Yigong Zhao *see* Zhao Yigong
Yih, P.H., Saxena, V., Steckl, A.J. 6H-SiC reactive ion etching conditions for the fabrication of semiconductor devices 105714
Yih, S.-J., Cheng, M., Feng, W.-S. Multilevel barrel shifter for CORDIC design 73447
Yih Huang, McKinley, P.K. A generic protocol for multipoint connections under link-state routing 87706
Yih Shiuh-Ren *see* Shiuh-Ren Yih
Yih Shuih-Jong *see* Shuih-Jong Yih
Yih-Chyun Jenq Discrete-time method for signal-to-noise power ratio measurement 66676
Yih-Fang Huang, Gollamudi, S. Set-membership identification for adaptive equalization 97694
Yih-Fang Huang *see* Gollamudi, S. 117420
Yih-Fang Huang *see* Seung-Jin Choi 90895
Yihan Yang *see* Yang Yihan
Yihau Li *see* Li Yihau
Yihe Sun *see* Xingjun Wu 97595
Yihong Chen *see* Chen Yihong
Yihong Gong, Chua Hock Chuan, Zhu Yongwei, Sakauchi, M. A generic video parsing system with a Scene Description Language (SDL) 67360
Yihong Qi, Currie, B., Wutu Wang, Chung, P.Y., Chen Wu, Litva, J. Measurement and simulation of radio wave propagation in two indoor environments 97118
Yihong Qin *see* Qin Yihong
Yihuai Hu *see* Hu Yihuai
Yii-Yen Chen *see* Ching-Yin Lee 121473
Yiin, L., Stuber, G.L. Noncoherently detected trellis-coded partial response CPM on mobile radio channels 99360
Yiin Lihbor *see* Lihbor Yiin
Yijia Zhu *see* Zhu Yijia
Yijiang Chen Stable chirped black solitary waves in dispersive media with intensity-dependent gain and loss 65437
Yijiang Chen Bright and black paired soliton states in birefringent optical fibers 95694
Yijin Shi *see* Shi Yijin
Yijing Jiang *see* Jiang Yijing
Yijun Xiong, Bruneel, H. An analytic approach to obtain tail distributions of buffer contents and delay in a discrete-time single-server queue with bursty arrivals 77589
Yijun Yu *see* Yu Yijun
Yikui Zhang *see* Zhang Yikui
Yikun Lin, Xizhang Luo, Xingshi Zheng Miniature optically pumped far-infrared laser 75790
Yikun Lin *see* Jiayin Qin 75801
Yikun Lin *see* Lin Yikun
Yil Kwon Soon *see* Soon Yil Kwon
Yilbas, B.S., Yilbas, Z. An optical method to measure the pulsed laser output power intensity distribution in the focal region 107444
Yilbas, Z. *see* Yilbas, B.S. 107444
Yilcai Su *see* Zheng Li 104414
Yildirim, B.S., El-Sharawy, E.A. Analysis of a magnetically-shielded cellular phone antenna using finite-difference time-domain method 85987
Yildirim, M., Gurbulak, B., Abay, B., Efeoglu, H., Tuzemen, S., Yogurtcu, Y.K. Temperature dependence of galvanomagnetic properties for Er-doped and undoped *n*-type InSe 114674
Yildirim, M. *see* Abay, B. 105213
Yildirim, O. The modified Rayleigh-Gans approach and scattering waves 120730
Yildirim, S. *see* Sorba, L. 105461
Yildirim, T., Marsland, J.S. A conic section function network synapse and neuron implementation in VLSI hardware 104760
Yildiz, C. *see* Coskun, O. 65802
Yili Guo *see* Zhijian Zhang 78949
Yili Guo *see* Guo Yili
Yiliang Tang *see* Tang Yiliang
Yilin Chang *see* Yingyi Tan 117786
Yilin Zhao, Kirson, A.M., Seymour, L.G. A configurable automatic vehicle location system 99688
Yilmaz, A., English, M.J. Adaptive non-linear filtering of ECG signals: dynamic neural network approach 70126
Yilmaz, G., Oztas, H., Kalenderli, O. A study on testing of heated power cables at impulse voltage 81093
Yilmaz, H. *see* Williams, R.K. 105991
Yilmaz, S. *see* Goebel, R. 99999
Yilong Lu, Fernandez, F.A. Modal analysis of multi-quantum-well waveguides using the vector finite element method 64745
Yilong Lu, Jianling Ying, Tat-Kee Tan, Arichandran, K. Electromagnetic and thermal simulations of 3-D human head model under RF radiation by using the FDTD and FD approaches 70272
Yilu Liu, Zaffanella, L.E. Calculation of electric field and audible noise from transmission lines with non-parallel conductors 91166
Yilun Shang *see* Shang Yilun
Yim, C. *see* Lim, H. 104503
Yim Chooen Sik *see* Chooen Sik Yim
Yim Chu-Hwan *see* Chu-Hwan Yim
Yim Chuhwan *see* Chuhwan Yim
Yim Chung Hyuk *see* Chung Hyuk Yim
Yim Jong Hyung *see* Jong Hyung Yim
Yim Kangbin *see* Kangbin Yim
Yim Tae-Soo *see* Tae-Soo Yim
Yimei Zhu *see* Nguyen, T.D. 64473
Yimen Zhang, Yongjun Wu, Yuming Zhang Analytical model of the kink effect related to interface traps in $In_{0.52}Al_{0.48}As/In_xGa_{1-x}As$ MODFETs $(x>0.53)$ 84495
Yimin, L. *see* Wenge, C. 79011
Yimin, Z., Dehang, J. A weight perturbation algorithm of the covariance matrix 76919
Yimin Cheng, Yixiao Wang, Zonghui Zhang, Qibin Sun, Longxiang Sun Recognition of partially occluded objects using neural networks 86811
Yimin Guo, Kochan Ju Readback signal comparison between DSMR & SAL/MR heads 115716
Yimin Hsu *see* Yen Fu 115730
Yimin Huang, Chenhsin Lien Voltage-tunable far-infrared photodetector with a very large tuning range 69129
Yimin Li *see* Li Yimin
Yimin Mao *see* Mao Yimin
Yimin Shi *see* Shi Yimin
Yimin Wang *see* Wang Yimin
Yimin Zhang, Zemanian, A.H. A simple formula for the concentration of charge on a three-dimensional corner of a conductor 76337
Yimin Zhao *see* Zhao Yimin
Yimin Zhu *see* Meigooni, A.S. 80456
Yiming Gong *see* Chakravarty, S. 61822
Yiming Li *see* Li Yiming
Yiming Pi *see* Pi Yiming
Yiming Wang *see* Shurong Li 94914
Yiming Yan *see* Yan Yiming
Yimo Zhang *see* Zhang Yimo
Yin, A. *see* Xin, S.H. 82699
Yin, G. A tool for aiding circuit design 93031
Yin, G.Y. *see* Kasapi, A. 65113
Yin, G.Y. *see* Lemoff, B.E. 65021
Yin, G.Z. *see* Ma, D.X. 114917
Yin, J., Zhang, D., Wu, P., Yu, J., Li, Y. Novel architecture of harmonic filter 106407
Yin, J., Zhu, S., Gao, W., Wang, Y. Relationship between temporal coherence and laser parameters in a two-longitudinal-mode HeNe laser 96096
Yin, J. *see* Mao, Y. 111360
Yin, J. *see* Zhang, C. 106411
Yin, J.H., Zhang, X., Velastin, S.A., Davies, A.C. Incident detection in pedestrian traffic using image processing 98246
Yin, L.S. Use of disk-based systems in a television station 109950
Yin, Q. *see* Lo, K.L. 101717
Yin, S. *see* Yu, F.T.S. 86970
Yin, W.Y. The features of Mueller scattering matrix for two penetrable composite Faraday chiral cylinders 116865
Yin, X.H. *see* Yoshino, K. 82776
Yin, X.T., Zhang, D., Wu, P., Yu, J. Quasi-harmonic interdigital transducers 106434
Yin, Y. *see* Liu, L. 77366
Yin Aiguo *see* Aiguo Yin
Yin Bo The design and analysis of a new DBLP algorithm for lowering cells loss probability 118019
Yin Bo *see* Hou Xiao Hui 118551
Yin Chaoqing Deadlock and deadlock-avoidance in place interconnected and controlled Petri net 60850
Yin Chengyun *see* Chengyun Yin
Yin Fang-Fang *see* Fang-Fang Yin
Yin Guanxi *see* Huang Jiying 76423
Yin Hang *see* Yan Gao 73698
Yin Heling *see* Zhou Huaichun 121359
Yin Huiqi *see* Huiqi Yin
Yin Jia Hong *see* Jia Hong Yin
Yin Jianhua *see* Tian Jie 112111
Yin Jiming *see* Jiming Yin
Yin Jun *see* Jun Yin
Yin Liang *see* Liang Yin
Yin Lin *see* Lin Yin
Yin Nanying *see* Nanying Yin
Yin Rui, Chi Yongchun, Wan Fang Quark magnetic resonance and magnetic resonance therapy of cancer 80436
Yin Shi *see* Shi Yin
Yin Shizhuo *see* Shizhuo Yin
Yin Shujun *see* Shujun Yin
Yin Songyan *see* Songyan Yin
Yin Suozhu *see* Lin Jiming 118766
Yin Taoye *see* Cheng Muhua 70239
Yin Wenyan, Wan Wei, Wang Wenbing The propagational characteristics of guided waves in inhomogeneous bianisotropic parallel-plate waveguides 97276
Yin Wenyan *see* Wenyan Yin
Yin Wu-Liang *see* Wang Hua-Xiang 79305
Yin Yan Attractors and error estimates for discretizations of incompressible Navier-Stokes equations 113253
Yin Yan *see* Yan Yin
Yin Yaozhu *see* Yaozhu Yin
Yin Yaozu *see* Yaozu Yin
Yin Yonghya *see* Liu Zhaoxu 111519
Yin Yuan-Zhao *see* Yuan-Zhao Yin
Yin Yuexin *see* Yuexin Yin
Yin Zejie, Yang Yanming, Lu Wenlian, Wei Qihang A new system for three-dimensional kinematic trajectory acquisition and analysis. II. Digital orthogonal integration phase-detection technique 90404
Yin Zejie, Yang Yanming, Wei Qihang, Lu Wenlian A new system for three-dimensional kinematic trajectory acquisition and analysis. I. The application of an ultrasonic technique to human gait analysis 90403
Yin-Chen Lu *see* Bo Lu 96284
Yin-Pin Wang, Lee, W.-I., Tseung-Yuen Tseng Degradation phenomena of multilayer ZnO-glass varistors studied by deep level transient spectroscopy 104891
Yin-Tsung Hwang *see* Ching-Long Su 83232
Yin-Tsung Hwang *see* Ching-Long Sue 108264
Yin-Xiu Li *see* Yokota, T. 103687
Yinan Shen *see* Salinas, J. 104440
Yinbao Chen, Shinian Fu, Zhibin Huang, Zhenhai Zhang Nonlinear space charge effect of Gaussian type bunched beam in linac 89883
Yinbao Chen *see* Shinian Fu 76059
Yinbao Chen *see* Zhibin Huang 89884
Yinchao Chen, Mittra, R., Harms, P. Finite-difference time-domain algorithm for solving Maxwell's equations in rotationally symmetric geometries 76528
Yinchao Chen *see* Kunquan Sun 75151
Yinchieh Lai *see* Chih-Hung Chien 85607
Yinfeng Liu *see* Liu Yinfeng
Ying, S.J. *see* Pace, P.E. 120607
Ying, T.F., Chen, C.M., Liao, C.P., Wu, M.D., Huang, D.R. An efficient design to reduce the flux leakage of a spindle motor 71373
Ying, T.H. *see* Wang, T.K. 100807
Ying, W.B., Mizokawa, Y., Yu, Y.B., Kamiura, Y., Iida, M., Kawamoto, K. Annealing behavior of phosphorus in native oxide films on heavily phosphorus doped silicon 105542
Ying, W.B. *see* Mizokawa, Y. 105580
Ying, Z., Kildal, P.S. Improvements of dipole, helix, spiral, microstrip patch and aperture antennas with ground planes by using corrugated soft surfaces 76610
Ying, Z. *see* Rossini, A.J. 92343
Ying Chaofu, Chen Xujian, Wang Hui Making large viewing angle rainbow hologram using a fibre-bundle beam translator 65566
Ying Chongfu *see* Chongfu Ying

Ying Dai, Nakano, Y. Face-texture model based on SGLD and its application in face detection in a color scene 67458
Ying Dai, Nakano, Y., Miyao, H. A study of face recognition with the low quality images 87258
Ying Ding *see* Guangming Wang 64949
Ying Fang *see* Wong, H.H. 70765
Ying Fu *see* Wenlan Xu 69174
Ying Fu *see* Fu Ying
Ying Gao *see* Jiachang Liang 62750
Ying Gao *see* Gao Ying
Ying Guang Shi The generalized Markov-Stieltjes inequality for Birkhoff quadrature formulas 103770
Ying Guo, Min-Cai He, Chang-Qing Chen, Zhi-Wei Liu A novel photodetector with new internal gain and short response time 79401
Ying Guo *see* Guo Ying
Ying Hao *see* Hao Ying
Ying Hongzheng A comparison test for lightning rod and lightning eliminator [for power systems] 121240
Ying Huang *see* Wan, C.C. 63024
Ying Huang *see* Huang Ying
Ying Jiang *see* De Oliveira, M.M. 91028
Ying Jianling *see* Jianling Ying
Ying Kan Wai *see* Wai Ying Kan
Ying Kuo Ming *see* Ming Ying Kuo
Ying Li, Baba, M., Miyamoto, Y., Matsuoka, M. Measurement of scattered light pulse by two photon interference 119913
Ying Li, Kawai, J., Ebinuma, Y., Fujiwara, Y. Behaviors of space charge in polyethylene sheet with water tree 64122
Ying Li, Kawai, J., Ebinuma, Y., Fujiwara, Y., Aihara, M. Space charge behaviors in polyethylene degraded by water tree–influence of moisture contents on the space charge behaviors 106371
Ying Li *see* Baba, M. 119912
Ying Li *see* Li Ying
Ying Liu, Gangshan Zhang, Changxin Fan An image coding scheme with activity-based macro block classification and half-pixel precision motion estimation 117784
Ying Liu *see* Madhavan, S. 72851
Ying Liu *see* Liu Ying
Ying Long-An *see* Feng Hui 103541
Ying Sun *see* Sun Ying
Ying Wang, Herron, N. X-ray photoconductive nanocomposites 106936
Ying Wu *see* Ping Wang 100697
Ying Wu *see* Yong Gao 64921
Ying Wu *see* Wu Ying
Ying Wu Lian *see* Shiuan Huei Lin 96705
Ying Xiao *see* Xiao Ying
Ying Xiong *see* Xiong Ying
Ying Xu *see* Xu Ying
Ying Yang *see* Yang Ying
Ying Yao *see* Yao Ying
Ying Zha *see* Zha Ying
Ying Zhang, Oehrlein, G.S., Bell, F.H. Fluorocarbon high density plasmas. VII. Investigation of selective SiO$_2$-to-Si$_3$N$_4$ high density plasma etch processes 94761
Ying Zhang *see* Zhang Ying
Ying Zhu *see* Howard, J. 104784
Ying Zhu *see* Li, J.K.-J. 69926
Ying-Che Luo *see* Shui-Jinn Wang 94893
Ying-Chen Chao *see* Po-Tao Chu 105674
Ying-Chien Tsai *see* Tsai Ying-Chien
Ying-Chung Chen, Gun-Man Lo, Ming-Yuan Su Influence of manganese on the room-temperature resistivity of lanthanum-doped BaTiO$_3$ 74284
Ying-Chung Chen *see* Chien-Chuan Cheng 104091
Ying-Fei Chen *see* Chen Ying-Fei
Ying-Kit Lee, Wing Shing Wong Location update by binary cutting of ID 78386
Ying-Kuei Yang *see* Wen-Ying Chang 81514
Ying-Kwun Chang *see* Chang Ying-Kwun
Ying-li Liu *see* Liu Ying-li
Ying-li Tian, Hung-tat Tsui A method of shape and reflectance recovery from color image sequences 87027
Ying-Lin Yu *see* Jie Liu 98037
Ying-Ling Liu *see* Ging-Ho Hsiue 85646
Ying-Lun Fok, Chan, J.C.K., Chin, R.T. Automated analysis of nerve-cell images using active contour models 80273
Ying-Ning Peng *see* Qing-Guang Liu 68622
Ying-Sheng Huang *see* Der-Yuh Lin 94496
Ying-Ta Ho *see* Jong-Jy Shyu 98146
Ying-Tian Long *see* Ru-J. Hung 90673
Ying-Tso Lin *see* Sien Chi 116692
Ying-Tsong Loh *see* Fujishiro, F. 84431
Ying-Xue Li *see* Li Ying-Xue
Ying-Yi Hong *see* Hong Ying-Yi
Ying-Yu Tzou DSP-based robust control of an AC induction servo drive for motion control 121981
Ying-Yu Tzou, Wen-Ao Lee, Shiu-Yung Lin Dual-DSP sensorless speed control of an induction motor with adaptive voltage compensation 121932
Ying-Yu Tzou *see* Meng-Yueh Chang 121713
Ying-Yu Tzou *see* Shih-Liang Jung 81571
Ying-Yu Tzou *see* Shih-Liang Jung 121697
Yingan Song *see* Song Yingan
Yingbai Yan *see* Guoliang Huang 108439
Yingbai Yan *see* Shifu Yuan 106762
Yingbai Yan *see* Shifu Yuan 116151
Yingbai Yang *see* Yang Yingbai
Yingbo Hua, Meraim, K.A., Wax, M. Blind system identification using minimum noise subspace 117926
Yingbo Hua *see* Baqai, F.A. 86215
Yingcai Bai *see* Bai Yingcai
Yingchao Yan, Faber, A.J., de Waal, H. Er^{3+} phosphate glass optical waveguide amplifiers at 1.5 μm on silicon 96169
Yingchun Li, Patzold, M., Killat, U., Laue, F. An efficient deterministic simulation model for land mobile satellite channels 109535
Yingchun Li *see* Patzold, M. 116902
Yingduo Han *see* Qi Chen 70662
Yingduo Han *see* Han Yingduo
Yinghai Zhang *see* Zhang Yinghai
Yinghua Min, Zhuxing Zhao, Zhongcheng Li Boolean process–an analytical approach to circuit representation. II 61830
Yinghua Min, Zhuxing Zhao, Zhongcheng Li An analytical delay model based on Boolean process 93026
Yinghua Min *see* Min Yinghua
Yinghua Zhang *see* Zhang Yinghua
Yinging Peng *see* Peng Yinging
Yingjian Chen, Li Tang, Laughlin, D.E., Kryder, M.H. Thermal activation and switching in c-axis aligned barium ferrite thin film media 115584
Yingjian Chen, Xiaoyu Sui, Kryder, M.H. Effects of grain isolation on magnetic properties of c-axis uniaxially in-plane oriented barium hexaferrite thin films 84808
Yingjian Wang *see* Wang Yingjian
Yingjie Gao, Wolff, I. A new miniature magnetic field probe for measuring three-dimensional fields in planar high-frequency circuits 79671
Yingjie Gao, Wolff, I. A simple electric near field probe for microwave circuit diagnostics 93760
Yingjie Li, Feuerstein, M., Perini, P., Reudink, D. Gain improvement of a cellular base station multibeam antenna 117069
Yingjun Li *see* Li Yingjun
Yingli Liu *see* Liu Yingli
Yingli Wen, Cinquemani, P.L. Performance of reduced wall EPR insulated medium voltage power cables. II. Mechanical characteristics 121165
Yingli Wen *see* Cinquemani, P.L. 121164
Yinglin Song *see* Hongyao Xu 76119
Yinglin Song *see* Song Yinglin
Yingling He *see* He Yingling
Yinglu Zhang *see* Zhang Yinglu
Yingnian Wu *see* Song Chun Zhu 86440
Yingning, P. *see* Yongliang, W. 78989
Yingping Wang *see* Wang Yingping
Yingqin Zong *see* Zong Yingqin
Yingsong Song *see* Song Yingsong
Yingxu Xiang *see* Xiang Yingxu
Yingxue Li *see* Li Yingxue
Yingyi Tan, Yilin Chang Wavelet transform coding of image sequences with variable bit rate 117786
Yingzheng Ruan *see* Ruan Yingzheng
Yining Lu *see* Yongan Shui 106428
Yinming Dal *see* Luguang Yan 95554
Yinong Rao *see* Rao Yinong
Yinqing Zhou *see* Zhou Yinqing
Yinsheng Tang *see* Tang Yinsheng
Yintang Yang *see* Yang Yintang
Yinwei Zhan *see* Zhan Yinwei
Yinyi Lin, Char-Yuan Yeh A generalized Viterbi algorithm for detection of partial response recording systems 115818
Yinyi Lin, Nae Woei Huang Automatic gain control and timing recovery on the partial-response maximum-likelihood recording channel 75273
Yinyi Lin *see* Pi-Hai Liu 115820
Yioultsis, T.V., Tsiboukis, T.D. Multiparametric vector finite elements: a systematic approach to the construction of three-dimensional, higher order, tangential vector shape functions 65962
Yioultsis, T.V., Tsiboukis, T.D. A systematic approach to the construction of higher order vector finite elements for three-dimensional electromagnetic field computation 76331
Yioultsis, T.V., Tsiboukis, T.D. Development and implementation of second and third order vector finite elements in various three-dimensional electromagnetic field problems 107733
Yip, C.Y.J. *see* Banik, J. 113819
Yip, G.L., Noutsios, P.C., Chen, L. Improved propagation-mode near-field method for refractive-index profiling of optical waveguides 64726
Yip, J. *see* Liu, B. 64402
Yip, K.L., Whiting, B.R., Kocher, T.E., Trauernicht, D.P., Van Metter, R.L. Understanding the relative sensitivity of radiographic screens to scattered radiation 120386
Yip, K.Y. *see* Yang, T.T. 88768
Yip, P. *see* Li, J. 119269
Yip, S.W., Prieto, T.E. A system for force distribution measurement beneath the feet 69920
Yip Gar Lam *see* Gar Lam Yip
Yip Hoi-Man *see* Hoi-Man Yip
Yip Kun-Wah *see* Kun-Wah Yip
Yip Wai-Yeung *see* Wai-Yeung Yip
Yip Yung *see* Yung Yip
Yip-Chi Lee *see* Shu, C. 116548
Yip-Wah Chung *see* Cutiongco, E.C. 115838
Yiping Huang *see* Aizhen Li 84024
Yiping Shao, Cherry, S.R., Siegel, S., Silverman, R.W. A study of inter-crystal scatter in small scintillator arrays designed for high resolution PET imaging 90349
Yiping Shao, Cherry, S.R., Siegel, S., Silverman, R.W. A study of inter-crystal scatter in small scintillator arrays designed for high resolution PET imaging 101110
Yiping Shao, Cherry, S.R., Siegel, S., Silverman, R.W., Majewski, S. Evaluation of multi-channel PMT's for readout of scintillator arrays [PET application] 101120
Yiping Shao *see* Cherry, S.R. 90348
Yiping Shao *see* Siegel, S. 90207
Yiping Shao *see* Siegel, S. 100926
Yiping Wang, Cruz, J.R. Augmented antenna arrays for CDMA cellular systems 109547
Yiping Zeng *see* Zeng Yiping
Yiqi Zhuang *see* Zhuang Yiqi
Yiqian Wu *see* Wang, E.L. 115747
Yiqian Yang *see* Yang Yiqian
Yiqiand Zhuang *see* Zhuang Yiqiand
Yiqiang Chen, Boon-Teck Ooi Advanced static VAr compensator using multimodules of multilevel converters with equalization control of DC voltage levels 121008
Yiqun Li, Bingchu Cai, Xianglin Zeng, Dong Xu Magnetic properties and crystal structure of FeTaAlN soft magnetic materials for MIG head 64256
Yirong Cheng *see* Cheng Yirong
Yirong Jia *see* Qingquan Han 83212
Yirong Jia *see* Jia Yirong
Yishay, O. Function multiplexing minimizes pin count requirements 73435
Yisheng Chen *see* Chen Yisheng
Yishian Chiou, Likarn Wang Effect of optical amplifier noise on laser linewidth requirements in long haul optical fiber communication systems with Costas PLL receivers 119184
Yisong Dai An improvement on noise criterion used as a reliability screening parameter for BJTs and experimental results 63619
Yisong Zheng *see* Zheng Yisong
Yit-Tsong Chen *see* Pakhomov, A. 116698
Yitai Qian *see* Chengyun Wang 72740
Yitai Qian *see* Qianwang Chen 74259
Yitai Qian *see* Yi Xie 92661
Yiu Chan Man *see* Man Yiu Chan
Yiu Chinghong *see* Chinghong Yiu
Yiu Ko Paul Kai *see* Paul Kai Yiu Ko
Yiu Kwok Tham, Hume, J.N.P. Approximation model for multi-service transmission 87402
Yiu-Fai Chan *see* Donnelly, K. 74851
Yiu-Man Wong *see* Dautartas, M.F. 99506
Yiu-Wing Leung Admission control for variable bit rate video in Banyan switches 77571
Yiu-Wing Leung Power control in cellular networks subject to measurement error 88289
Yiu-Wing Leung Tight bounds for the maximum throughput of time-multiplex switches 117986
Yiwei Lu *see* Collins, R.W. 92882
Yiwu Li *see* Li Yiwu
Yixiang Shao *see* Shao Yixiang
Yixiang Zhang *see* Zhang Yixiang
Yixiao Wang *see* Yimin Cheng 86811
Yixin Chen *see* Chen Yixin
Yixin Jin *see* Jin Yixin
Yixin Ni *see* Fang Ming 80827
Yixin Ni *see* Ni Yixin
Yixin Yu *see* Yu Yixin
Yixin Zhu, Ping Yang, Basu, K. Overload control in finite buffer message system with general distributed service time 118045
Yixin Zhu *see* Grandhi, S.A. 118953
Yixun Yan *see* Yan Yixun
Yiyuan, C. *see* Jun, C. 76391
Yiyuan Chen *see* Xiaowei Zhu 73692
Yiyuan Chen *see* Chen Yiyuan
Yizheng Ye *see* Xianjun Zeng 93230
Yizheng Ye *see* Yah Zhang 83097
Yizhi Gao *see* Gao Yizhi
Yizhi Gu *see* Gu Yizhi
Yizhou Yang *see* Tiwari, R.C. 113030
Yizhu Sun *see* Sun Yizhu
Yizhuan Yu *see* Yu Yizhuan
Yla-Oijala, P. *see* Somersalo, E. 100468
Ylasaari, S. *see* Rossi, S. 60709
Ylasaari, S. *see* Rossi, S. 61492
Yli-Hietanen, J., Kalliojarvi, K., Astola, J. Low-complexity angle of arrival estimation of wideband signals using small arrays 117488
Yli-Jaaski, A., Ade, F. Grouping symmetrical structures for object segmentation and description 67406
Yli-Rantala, E., Ojala, T., Vuorimaa, P. Vector quantization of residual images using self-organizing map 108588
Ylitalo, J. A fast ultrasonic synthetic aperture imaging method: application to NDT 101624
Ylonen, T. SSH–secure login connections over the Internet 118142
Yngvesson, K.S. *see* Dai, D. 62301
Yngvesson, K.S. *see* Verevkin, A.A. 105288
Yngvesson, S. *see* Basco, R. 62284
Yo Hwan Koh *see* Kwang Myoung Rho 95001
Yo Sub Kim *see* Chan Seek Yoo 78462
Yo-Hwan Koh *see* Jae-Hoon Choi 115205
Yo-Hwan Koh *see* Jung-Won Suh 73385
Yo-Ping Huang, Hung-Chi Chu Practical consideration for grey modeling and its application to image processing 117840

Yo-Shen Lin *see* Shey-Shi Lu 62257
Yo-Sheng Lin, Shey-Shi Lu High-breakdown-voltage Ga$_{0.51}$In$_{0.49}$P channel MESFET's grown by GSMBE 106070
Yoan Shin *see* Du-Hern Lee 108783
Yob Bum Hou *see* Myung Soo Han 92749
Yocky, D.A. Artifacts in wavelet image merging 117582
Yocom, P.N. *see* Tran, T.K. 75714
Yocum, P. *see* Sholley, M. 88699
Yoda, H., Iwasaki, H., Kobayashi, T., Tsutai, A., Sahashi, M. Dual-element GMR/inductive heads for gigabits density recording using CoFe spin-valves 115704
Yoda, I. Automatic generation of directional erosion and dilation sequence by genetic algorithms 87001
Yoda, K., Saito, Y. A wavelet transform approach to inverse problems of Vandermonde systems 107714
Yoda, M., Shiota, Y. Basic study on avoidance motions for human behaviors 112008
Yoda, M. *see* Maekawa, T. 80002
Yoda, M. *see* Maekawa, T. 90154
Yoda, N. *see* Tohjo, H. 77856
Yoda, O. *see* Murakami, K. 113344
Yoda, S. *see* Sato, K. 86836
Yoder, A. *see* Wadge, B. 109095
Yoder, C. *see* Miller, S.D. 110980
Yoder, J.-D., Baumgartner, E.T., Skaar, S.B. Initial results in the development of a guidance system for a powered wheelchair 110945
Yoder, J.D., Skaar, S.B. Cue verification for an automatically-guided wheelchair system 90615
Yoder, L.A. *see* Florence, J.M. 89235
Yoder, M.A. *see* Schodorf, J.B. 117301
Yoder, M.N. Wide bandgap semiconductor materials and devices 105091
Yoder, R.C. *see* Muirhead, C.R. 70295
Yodh, A.G. *see* Boas, D.A. 120405
Yodo, T., Tamura, M. Initial growth of GaAs on Si(111) substrates by molecular beam epitaxy 62758
Yodoshi, K. *see* Bessho, Y. 65252
Yoerger, D. *see* Burian, E. 90822
Yoganathan, A.P. *see* Cape, E.G. 80477
Yoganathan, A.P. *see* Grimes, R.Y. 80357
Yoganathan, M., Choyke, W.J., Devaty, R.P., Neudeck, P.G. Free to bound transition-related electroluminescence in 3C and 6H SiC p$^+$-n junctions at room temperature 94477
Yoganathan, M. *see* Steckl, A.J. 75697
Yogesan, K., Albregtsen, F., Danielsen, H.E. Gray level variance matrix: a new approach to higher order statistical texture analysis 97983
Yogev, E. *see* Schnaider, B. 82875
Yogi, R. *see* Guo, Y. 88241
Yogi, T. *see* Roshko, A. 64297
Yogiashi, K. *see* Suzuki, H. 103121
Yogurtcu, Y.K. *see* Abay, B. 105213
Yogurtcu, Y.K. *see* Yildirim, M. 114674
Yoh, K. Observation of multiple current peaks of hot electrons by emission of multiple-phonons in InAs/AlSb resonant tunneling heterostructures 63804
Yoh, K., Koizumi, R., Hashimoto, N., Ikeda, S. A novel high performance transistor: β-MOSFET 84439
Yoh-Han Pao *see* Djukanovic, M. 70799
Yoh-Han Pao *see* Gwang-Hoon Park 82657
Yohannes, T., Inganas, O. Photoelectrochemical energy conversion at the conjugated polymer/redox polymer electrolyte interface 102938
Yokata, T. *see* Sasaki, M. 82325
Yoke Lin Tan, Youyi Wang Transient stability improvement of power systems using nonlinear excitation, phase shifter and adaptive control law 80828
Yoko, H., Kuma, H. A study of presentation rate of speech letter sequence 97588
Yoko, T. *see* Terashima, K. 85691
Yoko, T. *see* Zhao, G. 92786
Yokochi, K. *see* Yokota, K. 99547
Yokochi, T. *see* Nashiki, M. 91470
Yokogawa, K. *see* Kamigaki, Y. 114823
Yokogawa, T. *see* Ohkawa, K. 72786
Yokogawa, T. *see* Yoshii, S. 65264
Yokohama, I. *see* Asobe, M. 85661
Yokohama, I. *see* Asobe, M. 88598
Yokohama, I. *see* Asobe, M. 99556
Yokohama, I. *see* Yokoo, A. 85636
Yokohama, M. *see* Xuechuan Shan 115377
Yokohata, E. *see* Ogawa, Y. 68265
Yokohira, T. *see* Inoue, T. 61763
Yokoi, H., Mizumoto, T., Maru, K., Fuke, N., Naito, Y. Direct bonding between InP substrate and magnetooptic waveguides 94747
Yokoi, K., Komoriya, K., Tanie, K. The MEL coupled tendon-drive manipulator 110394
Yokoi, K. *see* Omura, M. 94821
Yokoi, K. *see* Uota, T. 78161
Yokoi, M. *see* Ikeda, Y. 104237
Yokoi, M. *see* Matsumura, T. 83418
Yokoi, T. *see* Azuma, M. 94239
Yokoi, Y. Technical considerations for the gas corrosion testing. II. A method of flowing mixed gas corrosion test 61493
Yokoi, Y. *see* Minato, Y. 91063
Yokokawa, H., Horita, T., Sakai, N., Kawada, T., Dokiya, M., Nishiyama, H., Aizawa, M. Role of oxygen at perovskite interfaces [in SOFC materials] 81846
Yokokawa, H. *see* Horita, T. 71679
Yokokawa, H. *see* Horita, T. 81831
Yokokawa, H. *see* Nishiyama, H. 102966
Yokokawa, H. *see* Rak-Hyun Song 81776
Yokokawa, H. *see* Sakai, N. 81838
Yokokawa, H. *see* Van Herle, J. 81857
Yokokawa, H. *see* Yamada, K. 81971
Yokokawa, S. *see* Chang, Y. 62207
Yokokawa, S. *see* Chang, Y. 114228
Yokomakura, M. *see* Yamamoto, K. 89384
Yokomichi, H. *see* Takeda, K. 94404
Yokomizo, H. *see* Mizuno, A. 89757
Yokomizo, H. *see* Sakaki, H. 89929
Yokomizo, H. *see* Yonehara, H. 89802
Yokomizo, S. *see* Fukuhara, S. 121201
Yokomizu, Y., Matsumura, T., Henmi, R., Kito, Y. Total voltage drops in electrode fall regions of SF$_6$, argon and air arcs in current range from 10 to 20000 A 64069
Yokomizu, Y. *see* Ichiyanagi, K. 81338
Yokomizu, Y. *see* Kato, T. 121085
Yokomizu, Y. *see* Shimizu, H. 102269
Yokomizu, Y. *see* Tang, Y.J. 64520
Yokomizu, Y. *see* Yue-Jin Tang 71383
Yokomori, T. *see* Yuzue, M. 99350
Yokono, T. *see* Kamitani, A. 84883
Yokoo, A., Tomaru, S., Yokohama, I., Kobayashi, H., Itoh, H., Kaino, T. A new growth method and applications of highly efficient organic nonlinear optical materials 85636
Yokoo, A. *see* Kaino, T. 76249
Yokoo, H. An adaptive data compression method based on context sorting 86222
Yokoo, H., Takahashi, M. Data compression by context sorting 76719
Yokoo, K. Does the vacuum microelectronics provide tube rebirth? 114511
Yokoo, K., Ishihara, T. Field emission monotron for THz emission 74002
Yokoo, K., Koshita, G., Hanzawa, S., Abe, Y. Experiments of highly emissive MOS electron tunneling cathode 74049
Yokoo, K., Koshita, G., Hanzawa, S., Abe, Y., Neo, Y. Experiments of highly emissive metal-oxide-semiconductor electron tunneling cathode 83714
Yokoo, K. *see* Ishihara, T. 62580
Yokosawa, A. *see* Huang, H. 119985
Yokoshima, S. *see* Yamaguchi, M. 113512
Yokosuka, H., Naidu, H., Hosoya, H., Kikuchi, Y. Multifiber optical components for subscriber networks 119224
Yokota, A. *see* Komura, H. 100342
Yokota, D. *see* Yoshida, K. 103117
Yokota, H. *see* De Melo, M.T. 93736
Yokota, J., Horikoshi, J., Suzuki, H. MLSE multiple co-channel interference canceling with channel estimation for future mobile radios 88365
Yokota, K., Kondoh, J., Shimada, R. Power and capacity reduction scheme for tokamak poloidal field power supply using superconducting coils 106726
Yokota, K., Yokochi, K., Kawaguchi, K., Yamamichi, N. ATM subscriber network system 99547
Yokota, K. *see* Sakaguchi, M. 74542
Yokota, K. *see* Sakaguchi, M. 105555
Yokota, T., Gen, M., Yin-Xiu Li Genetic algorithm for non-linear mixed integer programming problems and its applications 103687
Yokota, T. *see* Fujiwara, N. 111681
Yokota, T. *see* Jai Ho Choi 105573
Yokota, T. *see* Nakada, K. 121235
Yokota, T. *see* Yamagata, Y. 81594
Yokota, T. *see* Yamagata, Y. 81596
Yokota, T.T. *see* Swan, J.M. 90057
Yokota, Y., Usui, S. A method for estimating coding gain of subband filter considering higher order statistic 108170
Yokota, Y. *see* Ishikawa, S. 110859
Yokota, Y. *see* Iwata, Y. 107809
Yokota, Y. *see* Nugraha 113278
Yokotani, A., Takezoe, N., Kurosawa, K., Igarashi, T., Matsuno, H. A single precursor photolithic chemical vapor deposition of silica film using a dielectric barrier discharge xenon excimer lamp 104086
Yokote, S. *see* Matsuzaki, S.-I. 103149
Yokotsuka, T. *see* Yokoyama, T. 92715
Yokouchi, K. *see* Owada, T. 114474
Yokouchi, K.-I., Araki, T., Nagatomo, T., Omoto, O. Epitaxial growth of GaN films on silicon substrates by MOVPE 104066
Yokouchi, N., Yamanaka, N., Iwai, N., Kasukawa, A. Low threshold 1.3 μm-GaInAsP/InP tensile-strained quantum well lasers with buried heterostructure 65199
Yokouchi, N., Yamanaka, N., Iwai, N., Kasukawa, A. 1 mA-threshold operation of 1.3 μm tensile-strained GaInAsP/InP MQW lasers 107265
Yokouchi, N. *see* Kasukawa, A. 85515
Yokouchi, N. *see* Kasukawa, A. 85518
Yokouchi, N. *see* Uchiyama, S. 65343
Yokoya, A. *see* Konishi, H. 69911
Yokoya, K. *see* Fang, S.X. 79896
Yokoya, K. *see* Shintake, T. 89604
Yokoya, N. *see* Suzuki, S. 87018
Yokoyama, A., Sato, K., Yoshigahara, T., Inokuchi, S. Realtime range imaging using an adjustment-free PhotoVLSI: silicon rangefinder 110213
Yokoyama, A. *see* Kobayashi, T. 111460
Yokoyama, A. *see* Nagata, M. 101966
Yokoyama, A. *see* Shirakata, S. 72933
Yokoyama, A. *see* Takahashi, T. 64114
Yokoyama, F. *see* Kozu, J. 115758
Yokoyama, H. *see* Itoh, J. 73997
Yokoyama, H. *see* Itoh, J. 83748
Yokoyama, H. *see* Nakamura, H. 77831
Yokoyama, H. *see* Shinohara, M. 105853
Yokoyama, J. *see* Hisamune, K. 71070
Yokoyama, K., Seki, S. High performance design for InP-based strained-layer quantum well laser diodes 65371
Yokoyama, K. *see* Fukano, H. 116546
Yokoyama, K. *see* Kuriyama, K. 114627
Yokoyama, K. *see* Seki, S. 96292
Yokoyama, K. *see* Yamanaka, T. 74389
Yokoyama, M., Kawai, M., Yamada, K., Sei, N., Hamada, S., Sugiyama, S., Ohgaki, H., Mikado, T., Noguchi, T., Suzuki, R., Chiwaki, M., Ohdaira, T., Yamazaki, T. Study of stored current limitation on the storage ring NIJI-IV 96469
Yokoyama, M. *see* Chun Hsing Liu 72836
Yokoyama, M. *see* Hiramoto, M. 116247
Yokoyama, M. *see* Li, J.W. 85260
Yokoyama, M. *see* Nakamura, N. 100620
Yokoyama, M. *see* Su, S.H. 85291
Yokoyama, M. *see* Su, Y.K. 84426
Yokoyama, M. *see* Tsushima, H. 85248
Yokoyama, N., Muto, S., Imamura, K., Takatsu, M., Mori, T., Sugiyama, Y., Sakuma, Y., Nakao, H., Adachihara, T. Quantum functional devices for advanced electronics 63824
Yokoyama, N. *see* Kiehl, R.A. 103912
Yokoyama, N. *see* Nakajima, A. 113489
Yokoyama, N. *see* Shoji, H. 96278
Yokoyama, N. *see* Shoji, H. 116493
Yokoyama, N. *see* Takauchi, H. 82721
Yokoyama, N. *see* Wirner, C. 105860
Yokoyama, R. *see* Kermanshahi, B. 102028
Yokoyama, R. *see* Miao, Z. 70784
Yokoyama, R. *see* Min Zhao 121074
Yokoyama, R. *see* Niimura, T. 70733
Yokoyama, R. *see* Zhou, D. 121255
Yokoyama, R. *see* Zhou, Y. 101745
Yokoyama, S., Minato, T., Imai, Y., Inaguchi, T., Kim, T.H., Umemura, T., Ogitsu, T., Mizuno, H. Cryogen free conduction cooled NbTi superconducting magnet for a X-band klystron 95542
Yokoyama, S. *see* Alay, J.L. 94607
Yokoyama, S. *see* Goto, H. 72864
Yokoyama, S. *see* Nakada, K. 121235
Yokoyama, S. *see* Ogitsu, T. 100449
Yokoyama, S. *see* Sasase, M. 113457
Yokoyama, S. *see* Sekioka, S. 111591
Yokoyama, S. *see* Taniguchi, H. 121236
Yokoyama, T., Yokotsuka, T., Sumita, I., Nakajima, M. Surface morphology induced by homoepitaxial growth on a vicinal Si(111) surface 92715
Yokoyama, T. *see* Igarashi, J. 89505
Yokoyama, T. *see* Ito, N. 97880
Yokoyama, T. *see* Kawamura, A. 71821
Yokoyama, T. *see* Ohmaru, M. 90310
Yokoyama, T. *see* Takimoto, Y. 87750
Yokoyama, T. *see* Wu, H. 117906
Yokoyama, Y., Inoue, A. Ferromagnetic decagonal Mn-Al-Ce-B-Fe quasicrystals with high coercive force 64273
Yokoyama, Y., Shinomura, A., Shirai, F. Experiment on joint use of multimedia communication with NTT Corporation 87908
Yokoyama, Y. *see* Fukuda, T. 77302
Yokoyama, Y. *see* Saotome, Y. 92353
Yokoyama, Y. *see* Yarai, A. 119677
Yokozawa, A., Ohtake, H., Samukawa, S. Simulation of a pulse time-modulated bulk plasma in Cl$_2$ 74551
Yokozawa, M. High-definition TV rear projector using LCD panels 68897
Yokozawa, M. *see* Fujikake, H. 75618
Yokozawa, S., Yoshimi, M. High reliability of service execution in SCP in distributed control environment for IN 78145
Yokozeki, S. *see* Asano, A. 87236
Yolshin, A.N., Shevelin, P.Yu., Batalov, N.N., Molchanova, N.G. An electron-conducting CuCl-CuCl$_2$ ionic melt as a prospective cathodic material for thermal secondary batteries 112224
Yolshin, A.N. *see* Zakharov, V.V. 112192
Yolshin, A.N. *see* Zheltonozhko, O.V. 112242
Yom, I.-B. *see* Chung, K.-W. 114230
Yom, S.S. *see* Eun Kyu Kim 63217
Yom, S.S. *see* Maeng Ho Son 104119
Yom, S.S. *see* Wang, C.H. 106348
Yom, S.S. *see* Yoon, Y.S. 61399
Yoma, N.B., McInnes, F., Jack, M. Robust speech pulse detection using adaptive noise modelling 97585
Yon Kim Jae *see* Jae Yon Kim
Yon Ryu Jai *see* Jai Yon Ryu
Yon-Tack Chung *see* Hoon-Goo Lee 80807
Yonaga, S. *see* Tamura, J. 121453
Yonai, T. *see* Minakata, M. 95819
Yonas, H. *see* Herron, J.M. 110868
Yoneama, M.L. *see* Likhachev, V.P. 100816
Yoneda, E. *see* Ise, T. 102801
Yoneda, E.S. *see* Tasaki, K. 102263

Yoneda, H. *see* Aikawa, Y. 85253
Yoneda, H. *see* Ise, T. 115961
Yoneda, H. *see* Siozawa, K. 74559
Yoneda, I. *see* Hatakeyama, I. 78680
Yoneda, I. *see* Itoh, M. 112915
Yoneda, I. *see* Itoh, M. 116242
Yoneda, I. *see* Nagahori, T. 119217
Yoneda, K. Improvement of accuracy of the 3-D electron trajectory calculation using both of finite element method and boundary element method 96960
Yoneda, K., Fujine, S., Yoshii, K., Kobayashi, H. Development of a fast, thermal neutron, and gamma ray component discriminator 110506
Yoneda, K. *see* Fujine, S. 110364
Yoneda, K. *see* Kamata, M. 110311
Yoneda, K. *see* Kobayashi, H. 114841
Yoneda, K. *see* Yumiba, K. 103526
Yoneda, M. *see* Fujiwara, N. 74554
Yoneda, M. *see* Fujiwara, N. 74573
Yoneda, M. *see* Maruyama, T. 74556
Yoneda, M. *see* Ogino, S. 105623
Yoneda, R. *see* Ogino, S. 74553
Yoneda, S. *see* Kokubun, Y. 116191
Yoneda, T. *see* Hara, T. 114825
Yoneda, Y. *see* Kasai, J. 103454
Yoneda, Y. *see* Miyashita, E. 75240
Yoneda, Y. *see* Owada, T. 114474
Yonehara, G.N. *see* Graves, B.R. 107064
Yonehara, H., Pac, C. Photoelectrical properties of double-layer organic solar cells using C_{60} and phthalocyanines 102984
Yonehara, H., Suzuki, H., Nagafuchi, T., Kodaira, M., Aoki, T., Tani, N., Hayashi, S., Ueyama, Y., Kaneda, T., Sasaki, Y., Abe, H., Yokomizo, H. Development of the pulse magnets for the booster synchrotron of SPring-8 89802
Yonehara, H. *see* Nakamura, E. 89632
Yonehara, T., Sakaguchi, K., Sato, N. Epitaxial layer transfer by bond and etch-back of porous silicon 63153
Yonekawa, H. Medical imaging and medical image compression 70032
Yonekubo, S., Kamimura, K., Onuma, Y. Polycrystalline SiC thin films prepared by microwave plasma chemical vapor deposition 104163
Yonekubo, S., Kamimura, K., Onuma, Y. Thermoelectric power of polycrystalline Si films prepared by microwave plasma chemical vapour deposition 114593
Yonekubo, S. *see* Kobayashi, J. 104162
Yonekura, N. Baseband controller LSI for wireless LAN 98753
Yonekura, Y. *see* Tsuchida, T. 120371
Yonemori, G. *see* Murai, S. 61827
Yonemori, H., Ishii, H., Yoshida, M., Nakaoka, M. Three-phase ZVS-PWM inverter system with transformer-assisted quasi-resonant DC link and its feasible comparative evaluations 121582
Yonemura, R. *see* Kashihara, T. 103148
Yonenaga, I. Upper yield stress of Si crystals at high temperatures 113272
Yonenaga, K., Kuwano, S., Norimatsu, S., Shibata, N. A novel optical duobinary transmission system with no receiver sensitivity degradation 68510
Yonenaka, K., Matsukiyo, K., Matsushima, H., Yoshino, T., Yamaguchi, Y. Engineering specification on-line system RESPONSE 72219
Yoneoka, M., Nagai, K., Mishima, T., Ishii, K., Kita, T., Oda, N. A satellite communications system for Osaka Gas Company 109572
Yoneoka, S. *see* Ohwe, T. 115682
Yoneoka, Y. *see* Kobayashi, S. 63429
Yonesu, A. *see* Yamashiro, Y. 64210
Yoneta, M., Ohishi, M., Kobashi, H., Saito, H. Photoactive defect-related I_v luminescence line observed in ZnSe/GaAs layers grown by molecular beam epitaxy 74181
Yoneta, M. *see* Ohishi, M. 74226
Yoneya, T. *see* Kawamura, M. 99799
Yoneyama, H. *see* Kuwabata, S. 112287
Yoneyama, K., Ishii, H. Correlated multiserver queue with instantaneous jockeying 118057
Yoneyama, K. *see* Haryu, K. 117066
Yoneyama, M. *see* Ogita, K. 91957
Yoneyama, M. *see* Otsuji, T. 110043
Yoneyama, M. *see* Watabe, K. 98111
Yoneyama, T. *see* Akashi, E. 85991
Yoneyama, T. *see* Artuzi, W.A., Jr. 116070
Yoneyama, T. *see* Fujiwara, N. 111681
Yoneyama, T. *see* Ishikawa, Y. 89466
Yoneyama, T. *see* Jifu Huang 73652
Yoneyama, T. *see* Suto, K. 61179
Yonezawa, E. *see* Edo, M. 115376
Yonezawa, H., Arimoto, K., Kimura, K., Tanpo, Y., Inoue, T. Development and application of thyristor-switched-capacitor type static VAr compensator 80893
Yonezawa, I. *see* Nishio, T. 71809
Yonezawa, K. *see* Sakamoto, Y. 71649
Yonezawa, M. *see* Sato, T. 102898
Yonezawa, N., Sugiyama, Y., Kozu, S., Daito, M., Morita, H., Inoue, Y. 32-bit multimedia RISC microprocessor V830 73453
Yonezawa, T. *see* Okamoto, K. 118691
Yonezawa, T. *see* Yamazaki, A. 70923
Yonezawa, Y., Kubo, T., Yoshikawa, M., Sarazan, R.D. A three channel microprocessor-based, optical telemetry system for electrocardiogram and blood pressure measurement 80201
Yonezawa, Y., Matsuda, K., Morimoto, A., Shimizu, T. Preparation of Bi-iron-garnet films on platinized Si substrate with Bi-substituted Y-iron-garnet template layer 113451
Yonezawa, Y. *see* Araki, H. 89358
Yonezawa, Y. *see* Kobayashi, H. 102463
Yonezawa, Y. *see* Masuda, A. 105658
Yonezawa, Y. *see* Masuda, A. 114629
Yonezawa, Y. *see* Minamikawa, T. 104127
Yonezu, H. *see* Hosono, K. 62101
Yonezu, H. *see* Satow, T. 95514
Yonezu, H. *see* Tsuji, K. 62131
Yonezu, I. *see* Satoh, K. 81734
Yong, A. *see* Markhauser, C.P. 98337
Yong, C.K. *see* Sloan, R. 83306
Yong, C.T. *see* Tan, K.T. 73572
Yong, F. *see* Xiaohong, T. 73143
Yong, F. *see* Zhu, B. 97613
Yong, J. *see* Girard, T.A. 80093
Yong, K. *see* Hu, R.L.-R. 119081
Yong, W. *see* Xudong, Z. 107654
Yong, Y.-K., Zhang, Z., Hou, J. Accuracy of crystal plate theories for high-frequency vibrations in the range of the fundamental thickness shear mode 106380
Yong Bae Kim, Nam Zin Cho Determination of equivalent plutonium content in MOX fuel assemblies 81272
Yong Cai *see* Cai Yong
Yong Cao, Gang Yu, Heeger, A.J., Yang, C.Y. Efficient, fast response light-emitting electrochemical cells: electroluminescent and solid electrolyte polymers with interpenetrating network morphology 81652
Yong Chaw Koh *see* Chaw Koh Yong
Yong Cheng *see* Cheng Yong
Yong Choe Il *see* Il Yong Choe
Yong Choo Soo *see* Choo Soo Yong
Yong Chun Kim *see* Kwangsoo No 75036
Yong Chung Gil *see* Gil Yong Chung
Yong Dai, Yuan, J.S., Jiling Song, Campbell, P. Scalable bipolar transistor model including quasi-saturation effect for BiCMOS application 105926
Yong Deak Kim *see* Sun Jung Choi 69402
Yong Duck Seo *see* Seong Ho Kang 89166
Yong Eui Lee, Jae Bin Lee, Young Jin Kim, Hyung Kook Yang, Jong Chul Park, Hyeong Joon Kim Microstructural evolution and preferred orientation change of radio-frequency-magnetron sputtered ZnO thin films 92810
Yong Gao, Chunshan Shi, Ying Wu Luminescence properties of SrB_4O_7:Eu,Tb phosphors 64921
Yong Gao, Guo-zheng Li, Xi-ding Liu, En-ke Liu, Xiang-jiu Zhang, Xue-kun Lu, Xun Wang SiGe optical waveguide modulators based on the plasma dispersion effect 64807
Yong Gao *see* Gao Yong
Yong Gun Shul, Kyeong Taek Jung, Gyoujin Cho, Jae-Suk Lee, Wada, T., Sasabe, H., Mie-Won Jung, Moon-Gun Choi Stable second-order nonlinear optical properties of sol-gel systems; incorporated Disperse Red 1 into the silica network by covalent bonding 85653
Yong Guo *see* Guo Yong
Yong Ho Shin *see* Cheng-Chang Lu 86077
Yong Hoon Lee *see* Hyuk Jun Oh 114129
Yong Hoon Lee *see* Jongkwan Song 62040
Yong Hoon Lee *see* Jongkwan Song 66799
Yong Hoon Lee *see* Woo Jin Oh 97664
Yong Hoon Lee *see* Young-Seog Song 76930
Yong Hu, Bogy, D.B. Spacing modulation of a slider flying across a transition between landing and data zones 115742
Yong Hu *see* O'Hara, M.A. 115751
Yong Huang *see* Yongsheng Wang 99431
Yong Huang *see* Huang Yong
Yong Hyen Pahk *see* Saewoong Bahk 77778
Yong Hyub Won *see* Seon Gyu Han 116108
Yong Hyun Lee *see* Jae Sung Lee 84239
Yong Il Jun *see* Moung Ho Lee 88032
Yong Je Lim, Kyung-Im Son, Heung-Joon Park, Soma, M. A statistical approach to the estimation of delay-dependent switching activities in CMOS combinational circuits 82868
Yong Jeon Min *see* Min Yong Jeon
Yong Ji *see* Ji Yong
Yong Jin Chun, Nakajima, S., Kawabe, M. Array of the self-organized InGaAs quantum dots on GaAs (311)B substrates by atomic hydrogen-assisted molecular beam epitaxy 103848
Yong Kang Kwang *see* Kwang Yong Kang
Yong Keun Chang *see* Sang Mok Chang 79596
Yong Kim *see* Chang-Sik Son 83862
Yong Kim *see* Dae-Il Oh 109911
Yong Kim *see* Leon, R. 105384
Yong Kim *see* Pill-Soo Kim 75291
Yong Kim *see* Seong-Il Kim 92697
Yong Kim *see* Tae-Geun Kim 105314
Yong Kok-Jung *see* Kok-Jung Yong
Yong Kon An *see* Morishita, S. 113553
Yong Lee Jae *see* Jae Yong Lee
Yong Lee Jeong *see* Jeong Yong Lee
Yong Lee Ki *see* Ki Yong Lee
Yong Lee Moon *see* Moon Yong Lee
Yong Lee Sang *see* Sang Yong Lee
Yong Lee Woo *see* Woo Yong Lee
Yong Li *see* Yue Yang 63987
Yong Li *see* Li Yong
Yong Lim Kia *see* Kia Yong Lim
Yong Liu, Zakhor, A., Zuniga, M.A. Computer-aided phase shift mask design with reduced complexity 63498
Yong Liu *see* Bardyszewski, W. 95813
Yong Liu *see* Blostein, S.D. 68095
Yong Moon, Deog-Kyoon Jeong An efficient charge recovery logic circuit 61812
Yong Moon, Deog-Kyoon Jeong An efficient charge recovery logic circuit 93280
Yong Myung Cho *see* Kyu-Tae Kim 109976
Yong Nam Kie *see* Kie Yong Nam
Yong Ohk Chin *see* Kil Nam Oh 77560
Yong Ohk Chin *see* Kil Nam Oh 109362
Yong Park Chan *see* Chan Yong Park
Yong Park Hae *see* Hae Yong Park
Yong Pyung Kim, Gyu Ug Kim, Young Woo Lee, Hong Sik Kim XeCl laser pumped distributed feedback dye lasers 65056
Yong Pyung Kim *see* Gyu Ug Kim 107200
Yong Qian *see* Qian Yong
Yong Sang Joh *see* Chae Deok Lee 92748
Yong Seo Koo *see* Jae Yeong Kim 94899
Yong Shang *see* Shang Yong
Yong Sheng *see* Sheng Yong
Yong Shin Koo *see* Koo Yong Shin
Yong Sun, Nishitani, R., Miyasato, T. Study of hydrogen ion bombardment effect on the growth of Si:H films prepared by hydrogen plasma sputtering of silicon 92803
Yong Sung Gun *see* Gun Yong Sung
Yong Sung Jang *see* Gi Ho Yun 76532
Yong Sung Jang *see* Jae Ho Yoo 73658
Yong T. Kim *see* Sung J. Jang 95002
Yong Tae Kim, Chang Woo Lee Dielectric properties of $PbTiO_3$ thin film capacitors deposited on tungsten nitride/tungsten bilayers 75059
Yong Tae Kim, Chang Woo Lee Improvement in the electrical properties of a $(Ba,Sr)TiO_3$ capacitor by inserting a TiN layer between polycrystalline Si and Pt bottom electrodes 115429
Yong Taek Jeoung *see* Myung Soo Han 104014
Yong Tai Lee *see* Young Yun Chun 64760
Yong Tang *see* Tang Yong
Yong Up Lee *see* Seong Ro Lee 117338
Yong Wan Kim, Dong Joo Shin, Jong Woon Choi, Young Boong Chung, In Won Lee Development and characterization of a calorimeter for laser power measurement 110408
Yong Wang G.T.D. analysis of radiation from magnetic line source on dielectric-coated cylinder 76555
Yong Wang, Chen, L.P., Liu, J.M. Noise characterization of mode-locked laser pulses using second harmonic generation 65148
Yong Wang, Davis, F.W. Radar backscatter components from ponderosa pine forests 120911
Yong Wang, Day, J.L., Davis, F.W. Sensitivity of modeled C-band backscatter from loblolly pine forests to surface soil roughness and moisture 120913
Yong Wang, Minyan Yao, Yanbiao Liao Selection of optimal working wavelengths and bandwidths for dual-wavelength optical fiber pyrometer 89130
Yong Wang *see* Chen, L.P. 65450
Yong Whanki *see* Whanki Yong
Yong Woon Choi, Takahashi, Y., Maekawa, S. Determination of distance and attitude using triangular pyramid slit-ray projection 79696
Yong Xie *see* Changdong Liu 109213
Yong Xu *see* Xu Yong
Yong Xue, Llewellyn-Jones, D.T., Lawrence, S.P. Solar irradiance determination by using ATSR-2 data 111189
Yong Xue *see* Miller, R.E. 109034
Yong Xuerong *see* Xuerong Yong
Yong Yan *see* Dezhong Hong 87109
Yong Yan *see* Dezhong Hong 117702
Yong Zhou *see* Qing-Yu Fan 90563
Yong Zhu *see* Jiasen Zhang 107598
Yong Zhu *see* Zhu Yong
Yong Zou *see* Zou Yong
Yong-Bae Jung *see* Chang-Eob Kim 102723
Yong-Beum Yoon *see* Heung-Jae Lee 102102
Yong-Chae Jung, Gyu-Hyeong Cho Low-loss quasi-parallel resonant DC link inverter with advanced PWM capability 93127
Yong-Chae Jung, Gyu-Hyeong Cho Low loss and high speed IGBT gate driver using the reverse current limiting technique of diode recovery for a hard switching inverter 104341
Yong-Cheol Kang, Sung-Soo Kim, Jong-Keun Park, Sang-Hee Kang, Kwang-Ho Kim Hardware implementation and error analysis of an algorithm for compensating the secondary current of iron-cored current transformers 102784
Yong-Cheol Kang *see* Kyung-Rae Cho 81182
Yong-Chien Ling *see* Woei-Kwo Kuo 61304
Yong-Ching Lim, Rui Yang, Bede Liu The design of cascaded FIR filters 114125
Yong-Chul Chae Longitudinal coupling impedance of a hole in an infinite plane screen 89856
Yong-Chul Chae Investigation of resistive wall instability in the 7-GeV APS storage ring 89857
Yong-Chul Chae, Decker, G. Advanced photon source insertion device field quality and multipole error specification 89899
Yong-Chul Park *see* Jung-Hyun Hwang 108477
Yong-Feng Wang *see* Zhi-Liang Chen 87626
Yong-Gie Choi *see* Changyeol Lee 74962
Yong-Gon Lim *see* Jeom-Soo Lew 88727

Yong-Gyoo Kim, Kee Hoon Kang, Kee Sool Gam Reproducibility of the gold melting point of the type S thermocouple by the wire-bridge method with change of the heating rate 99943
Yong-Ha Kim *see* Kil-Young Song 80750
Yong-Hee Lee *see* Hyun-Eoi Shin 107288
Yong-Ho Cha, Young Il Kang, Chang Hee Nam Generation of sub-30-fs pulses from a Kerr-lens mode-locked Ti:sapphire laser 107215
Yong-Ho Oh *see* Doh Hoon Kim 84265
Yong-Hong Wang, Lian-Kuan Chen, Kwok-Wai Cheung Performance improvement with slot reuse on a high speed multiaccess network 118450
Yong-Hoon Cho *see* Il-Jong Kim 74346
Yong-Hoon Lee *see* Dhong-Woon Jang 118743
Yong-Hwa Jeong, Chang-Hoi Ahn Dynamic characteristic analysis of electromagnetic oil pump system 107825
Yong-Hwan Park *see* Ick-Ho Whang 76891
Yong-Hyun Lee *see* Hyuk-Joo Kwon 92732
Yong-Jik Park, Yujun Mo, Jong-Jean Kim Raman spectroscopic study of surface layer in fluorine-implanted Si 114562
Yong-Jin Cho *see* Han, Y.J. 117615
Yong-Jin Choi, Jin-Suk Wang Stability analysis of a satellite power system voltage-temperature (V/T) limit circuit 101490
Yong-Jin Lee, Tai-Yun Kim Two-phase heuristic algorithm for delay constrained minimal cost loop problem 77980
Yong-Jin Song, Seung-Ki Joo Magnetoresistance characteristics of (NiFe/Ni/NiFe)/Cu multilayers 115647
Yong-Jin Song, Seung-Ki Joo Magnetoresistance and magnetic anisotropy of permalloy based multilayers 115651
Yong-Joo Kim *see* Don-Ha Hwang 81390
Yong-Kweon Kim *see* Jong-Woo Shin 74974
Yong-Kweon Kim *see* Sang-Wook Lee 119839
Yong-Lin Lai *see* Chun-Yi Chai 63113
Yong-Lin Lai *see* Chun-Yi Chai 63114
Yong-Mei Wang *see* Li-Qun Gu 106903
Yong-Mei Yan *see* Yan Yong-Mei
Yong-Min Hur, In-Chil Lim Efficient robust path delay fault test generation for combinational circuits using the testability measure 83040
Yong-Ming Chen *see* Domash, L.H. 96837
Yong-Moo Chang, Hyung-Boo Kang Basic study on laser triggered lightning–the generation of plasma channel by CO_2 laser 81143
Yong-Nam Kim *see* Yoo-Sang Hwang 106317
Yong-Nam Koh *see* Tae-Sung Jung 73344
Yong-Oak Chin *see* Young-Il Kim 99259
Yong-Peel Wang *see* Hyeng-Hwan Chong 101776
Yong-Pil Seo *see* Chul-Hwan Kim 70930
Yong-Ping Zheng, Mak, A.F.T. An ultrasound indentation system for biomechanical properties assessment of soft tissues in-vivo 101297
Yong-Qing Cheng, Collins, R.T., Hanson, A.R., Riseman, E.M. Triangulation without correspondences 77313
Yong-Qing Cheng *see* Xiaoguang Wang 86390
Yong-San Yoon, Hyuk Kim Feedforward neuro-controlled active suspension using frequency and time-mixed shape performance index. Part 1: Control logic and performance 71862
Yong-Sang Kim *see* Kwon-Young Choi 95043
Yong-Seok Cho *see* Deuk-Gi Min 101917
Yong-Sik Youn, Gyu-Hyeong Cho Regenerative signal amplifying gate driver of self-excited electronic ballast for high pressure sodium (HPS) lamp 122077
Yong-Soo Cho *see* Won-Gi Jeon 84824
Yong-Suk Kim *see* Kyeong-Hoon Do 86342
Yong-Sung Jin *see* Sang-Yun Yi 64728
Yong-Tae Han *see* Sung-Chul Han 109963
Yong-Wan Park, Een-Kee Hong, Tae-Young Lee, Yeon-Dae Yang, Seung-Moon Ryu Radio characteristics of PCS using CDMA 118899
Yong-Wan Park, Seung-Moon Ryu, Byeong-Chul Ahn, An-Na Choi System overview for KMT-PCS based on CDMA 78438
Yong-Wan Park *see* Byeong-Chul Ahn 68295
Yong-Woo Lee *see* Nung-Pyo Hong 103431
Yong-Wook Kim *see* Sang-Wook Lee 119839
Yong-Woon Kim, Jung-Bong Suk Performance improvement in Manhattan street network with deflection routing 78072
Yong-Xia Yang, Akiyama, T., Matsui, M. A novel transient analysis method for resonant converters based on state-averaging technique 71536
Yong-Yoong Chai, Johnson, L.G. A 2×2 analog memory implemented with a special layout injector 73577
Yong-Zhen Huang, Zhong Pan, Rong-Han Wu Analysis of the optical confinement factor in semiconductor lasers 65218
Yongacoglu, A. *see* D'Amours, C. 88320
Yongan Li *see* Li Yongan
Yongan Shui, Qiang Xue The piezoelectric coupling of 2-2 composite transducers 106470
Yongan Shui, Yining Lu A complex impedance model for SAW and LSAW propagation in periodic grating 106428
Yong'an Zhang *see* Zhang Yong'an
Yongbi, M.N., Shujun Ding, Dunn, J.F. A modified sub-second fast-STEAM sequence incorporating bipolar gradients for in vivo diffusion imaging 90385
Yongbiao Qian *see* Qian Yongbiao
Yongbin Chen *see* Chen Yongbin
Yongbing Wan, Chen, J.C. Fading distribution of diversity techniques with correlated channels 99192
Yongcai Mao *see* Mao Yongcai
Yongchang Jiao *see* Jiao Yongchang
Yongchang Zhu, Takada, T., Demin Tu Multi-needle electrodes surface discharge behavior observed by Pockels effect technique 64047
Yongchang Zhu, Takada, T., Inoue, Y., Demin Tu Dynamic observation of needle-plane surface-discharge using the electro-optical Pockels effect 84679
Yongchao, S. *see* Yeuming, C. 114041
Yongcheng Tu *see* Miron, D.B. 93034
Yongchul Ahn *see* Zook, J.D. 89117
Yongchun Chi *see* Chi Yongchun
Yongdae Kim *see* Sangjoon Park 66429
Yongdong, Z. *see* Yubin, G. 74076
Yongdong Jin, Mohsen Kavehrad An optical cross-connect system as a high-speed switching core and its performance analysis 78903
Yongdong Zhou *see* Zhou Yongdong
Yongduek Seo, Ki Sang Hong Multi-frame-based pyramidal approach and target tracking for robust egomotion estimation 87040
Yongduo Shi *see* Shi Yongduo
Yongfa Kong *see* Jiachun Deng 85684
Yongfeng Luo *see* Luo Yongfeng
Yongfeng Yang *see* Yang Yongfeng
Yonggang Bao *see* Bao Yonggang
Yonggao Yang *see* Yang Yonggao
Yonggwan Won, Gader, P.D. A comparison of linear and morphological shared-weight neural networks 77355
Yonghai Gu, Tho Le-Ngoc Adaptive combined DFE/MLSE techniques for ISI channels 86278
Yonghao Sun, Kagawa, Y. Identification of electric charge distribution using dual reciprocity boundary element models 107743
Yonghe Yan *see* Yan Yonghe
Yongho Cho, Songcheol Hong, Youngse Kwon Monolithic VCO using a novel active inductor 82993
Yongho Cho, Songcheol Hong, Youngse Kwon Monolithic VCO using a novel active inductor 83447
Yonghong Chen *see* Chen Yonghong
Yonghong Jiang *see* Jiang Yonghong
Yonghong Long *see* Long Yonghong
Yonghoug, H., Shiyi, M., Moreira, A. An extended chirp scaling algorithm for airborne squint SAR processing 78988
Yonghua Liu, Ciric, I.R. Prediction-correction method for electromagnetic imaging with current reconstruction 108418
Yonghua Liu *see* Ciric, I.R. 65817
Yonghua Peng *see* Fang Ming 80827
Yonghua Song *see* Danfeng Xu 73579
Yonghua Song *see* Song Yonghua
Yonghwan Kim, San-qi Li Timescale of interest in traffic measurement for link bandwidth allocation design 87397
Yonghya Yin *see* Yin Yonghya
Yongjan Luo *see* Luo Yongjan
Yongji Wang *see* Wang Yongji
Yongjian Luo *see* Luo Yongjian
Yongjian Qiu *see* Qiu Yongjian
Yongjian Yu, Torre, A., Shunji Huan Partially correlated K-distribution for multi-look polarimetric SAR imagery 111336
Yongjun Wu *see* Yimen Zhang 84495
Yongkang, J., Zheng, B., Huan, W. A new calibration technique with signal sources for position, gain and phase uncertainty of sensor array 79216
Yongkang Yang *see* Yang Yongkang
YongKook Lee, HoWon Moon, YoungJoong Yoon, HanKyu Park Slot coupled stacked microstrip patch array 76653
Yongkyu Kim *see* Hyun Meen Jung 118690
Yongli Li *see* Li Yongli
Yongliang, W., Yingning, P., Zheng, B. Space-time adaptive processing for airborne radar with array antennas placed arbitrarily in direction 78989
Yonglie Qin *see* Qin Yonglie
Yonglin Zhang *see* Zhang Yonglin
Yongling Wang *see* Huiting Chen 61321
Yonglu You *see* You Yonglu
Yongmei Chunyu *see* Chunyu Yongmei
Yongmin Hu *see* Zongfu Jiang 95926
Yongmin Kim *see* Cabral, J.E., Jr. 90668
Yongmin Kim *see* Chalana, V. 80267
Yongmin Kim *see* Ritchie, C.J. 69978
Yongmin Kim *see* Ritchie, C.J. 80271
Yongmin Kim *see* Xinyu Wang 80276
Yongmin Zhang, Ce Liu, Shen, L.C. The performance evaluation of MWD logging tools using magnetic and electric dipoles by numerical simulations 90758
Yongming Li, Hongyi Chen, Zheng Yu The design of an LPC speech synthesizer 97596
Yongming Li, Hongyi Chen, Zheng Yu, Tong Chu, Kun Bian MALU–an ALU with single period multiplication 93232
Yongming Wang, Zailu Huang A simple approach to the cell loss probability in ATM networks 117951
Yongming Xu *see* Xu Yongming
Yongnian Huang *see* Huang Yongnian
Yongping Li *see* Li Yongping
Yongping Lu *see* Lu Yongping
Yongping Shen *see* Shen Yongping
Yongqiang Sun *see* Minglu Li 98870
Yongqiang Wang, San-Xia Gong, Hong Jiang, Qing Jiang Domain pinning and electric fatigue of ferroelectric ceramics 106325
Yongqin Hui *see* Hui Yongqin
Yongquan Shi *see* Shi Yongquan
Yongseok Yoon *see* Jaehong Park 77658
Yongseok Yoon *see* Koohong Kang 77614
Yongseok Yoon *see* Koohong Kang 108788
Yongshan Liu *see* Liu Yongshan
Yongsheng Niu *see* Niu Yongsheng
Yongsheng Wang, Xiangpeng Li, Yong Huang Navigation system of pilotless aircraft via GPS 99431
Yongsheng Wang *see* Xiangpeng Li 88416
Yongsheng Wang *see* Xiaorong Sun 90701
Yongsheng Xie *see* Xie Yongsheng
Yongsheng Yang *see* Yang Yongsheng
Yongsheng Zhao *see* Zhao Yongsheng
Yongshi Wu *see* Wu Yongshi
Yongtan Liu *see* Liu Yongtan
Yongtian Wang, Sijiong Zhang, Macdonald, J. Ray tracing and wave aberration calculation for diffractive optical elements 116747
Yongwei Sheng *see* Zong-Guo Xia 111101
Yongwei Zhu *see* Zhu Yongwei
YongWoo Lee, DuckChul Lee, DonChan Cho, NungPyo Hong, WangKon Kim, JinWoong Hong The dielectric characteristics of insulating alkylbenzene oils for ultra high voltage cables due to aging times 70918
Yongwoon Moon *see* Daehyoung Hong 68180
Yongwoong Uhm *see* Uhm Yongwoong
Yongxi Qian, Yamashita, E. A 60 GHz imaging array using CPW-fed twin-slots on multilayered substrates 97364
Yongxi Qian, Yanagi, K., Yamashita, E. Characterization of a folded stepped impedance resonator for miniature microstrip bandpass filter applications 114224
Yongxiang, L., Yun, L., Chongruo, W., Aifen, M. Homogeneous dopants of $BaTiO_3$ ultrafine powders by hydrothermal method 61441
Yongxiang Wu *see* Wu Yongxiang
Yongxin Xiao *see* Xiao Yongxin
Yongxing Jin *see* Jin Yongxing
Yongyang Yao *see* Yao Yongyang
Yongyao Xia *see* Yoshio, M. 112283
Yongynan Yu *see* Yu Yongynan
Yongzhao Wang *see* Wang Yongzhao
Yongzheng Zhang Prediction of traffic fluctuation in telephone networks with neural networks 118298
Yongzhong Huo, Qing Jiang Effect of polarization switch upon stress in thickness vibration of a ferroelectric plate 64076
Yongzhong Huo, Qing Jiang Mixture theory of domain switching in ferroelectric ceramics 95276
Yongzhong Song Chaotic waveform relaxation methods for dynamical systems 82545
Yongzhong Song, Shuanghua Dai Multi-parameters overrelaxation (MPOR) method for solving linear systems 82535
Yongzhong Wang *see* Wang Yongzhong
Yongzhong Wei *see* Hongyu Chen 112257
Yongzhu Yang *see* Yang Yongzhu
Yongzhuang Li The study of torsional impact on turbine-generator shaft using EMTP and supplementary programs 111880
Yongzhuang Li *see* Li Yongzhuang
Yonngjik Lee, Kyu-Woong Hwang Selecting good speech features for recognition 66584
Yonug-Moon Park, Gwang-Won Kim, Lee, K.Y. Power system transient stability analysis using Kohonen layer 101716
Yoo, B.K. *see* Song, Y.J. 118568
Yoo, C.S. *see* Li, D.C. 63488
Yoo, D.S. *see* Lee, J.-K. 107007
Yoo, D.W. *see* Cho, J.G. 121760
Yoo, J., Chung, H., Ko, J., Kim, H., Sha, J. Fabrication of superconducting joints between PIT processed Bi-2223/Ag tapes by single and multiple press and reaction annealing 115885
Yoo, K.-H., Park, J.W., Choi, J.B., Lee, H.K., Lee, J.J., Kim, T.W. Width dependence of quantum lifetimes in $GaAs/Al_xGa_{1-x}As$ heterostructures 83911
Yoo, S., Collica, L., Kim, M. Conformance testing of ATM adaptation layer protocol 118109
Yoo, S.B. *see* Lee, B.K. 71422
Yoo, S.J.B. Wavelength conversion technologies for WDM network applications 78879
Yoo, S.J.B., Caneau, C., Bhat, R., Koza, M.A. Transparent wavelength conversion by difference frequency generation in AlGaAs waveguides 78782
Yoo, S.J.B., Caneau, C., Bhat, R., Koza, M.A., Rajhel, A., Antoniades, N. Wavelength conversion by difference frequency generation in AlGaAs waveguides with periodic domain inversion achieved by wafer bonding 65465
Yoo, S.J.B., Caneau, C., Bhat, R., Koza, M.A., Rajhel, A., Antoniades, N. Polarization-independent, multichannel wavelength conversion by difference frequency generation in quasi-phase-matched AlGaAs waveguides 107522

Yoo, S.J.B., Gamelin, J., Bhat, R., Caneau, C., Koza, M.A., Lee, T.P. High-speed 1.5-μm asymmetric Fabry-Perot modulators 64816
Yoo, S.J.B. *see* Antoniades, N. 109658
Yoo, S.J.B. *see* Bala, K. 88052
Yoo, S.S., Rodricks, B., Faurie, J.P., Sivananthan, S., Montano, P.A. Performance of MBE grown CdTe photoconductor arrays for hard X-ray detection 80142
Yoo, Y.G. *see* Kim, W.T. 115530
Yoo Chan Jung *see* Ki Hyung Kim 62676
Yoo Chan Seek *see* Chan Seek Yoo
Yoo Changsik *see* Changsik Yoo
Yoo Choul Sung *see* Choul Sung Yoo
Yoo Do Joon *see* Do Joon Yoo
Yoo Dong-Wook *see* Dong-Wook Yoo
Yoo Hah Young *see* Hah Young Yoo
Yoo Han-Ill *see* Han-Ill Yoo
Yoo Hong Min, Choon Sup Yoon, Kwang-Sup Lee, Kyoung-Soo Kim Fabrication and electro-optic properties of organic salt/silica hybrid thin films 84938
Yoo Hyuck *see* Hyuck Yoo
Yoo Hyung Joun *see* Hyung Joun Yoo
Yoo Ilan-Ill *see* Ilan-Ill Yoo
Yoo Jae Ho *see* Jae Ho Yoo
Yoo Jei-Hwan *see* Jei-Hwan Yoo
Yoo Ji-Yoon *see* Ji-Yoon Yoo
Yoo Jinn-Chou *see* Jinn-Chou Yoo
Yoo Jiyoon *see* Kim, S. 111847
Yoo Keon-Ho *see* Keon-Ho Yoo
Yoo Kwan-Hee *see* Kwan-Hee Yoo
Yoo Kyung-Hwa *see* Kyung-Hwa Yoo
Yoo Myeong Ho *see* Myeong Ho Yoo
Yoo Sang Shin *see* Sang Shin Yoo
Yoo Sang-Bong *see* Sang-Bong Yoo
Yoo Sangsin *see* Sangsin Yoo
Yoo Seung-Moon *see* Seung-Moon Yoo
Yoo Sun Kook *see* Sun Kook Yoo
Yoo Sun-Kook *see* Sun-Kook Yoo
Yoo Tae-Whan *see* Tae-Whan Yoo
Yoo Won Jong *see* Won Jong Yoo
Yoo-Sang Hwang, Su-Hyon Paek, Joo-Hyon Lee, Chi-Son Park, Jin-Seog Choi, Jae-Kyung Jung, Yong-Nam Kim Formation and characteristics of lead lanthanum zirconium titanate thin films formed by using the r.f. sputtering method 106317
Yoo-Sok Saw, Grant, P.M., Hannah, J.M., Mulgrew, B. Radial basis function video rate estimator for constant bit rate MPEG coders 117740
Yooh, J.H., Wei, V.K. On synchronizing and detecting multi-carrier CDMA signals 68068
Yook, J.G., Katehi, L.P.B., Simons, R.N., Shalkhauser, K. Experimental and theoretical study of parasitic leakage/resonance in a K/Ka-based MMIC package 83477
Yookun Cho *see* Donghee Lee 67596
Yoon, B.J. *see* Lee, K.W. 107811
Yoon, C.G. *see* Lee, S.Y. 99303
Yoon, C.K. *see* Seo, J.S. 106118
Yoon, D. *see* Run-Han Wang 115761
Yoon, D.Y. *see* Hwang, N.M. 61336
Yoon, D.Y. *see* Hwang, N.M. 61337
Yoon, D.Y. *see* Hwang, N.M. 72744
Yoon, D.Y. *see* Kikuchi, H. 69400
Yoon, G.W. *see* Han, L.K. 63722
Yoon, G.Y., Jitsuno, T., Nakatsuka, M., Daido, H., Kato, Y., Nakai, S. Beam profile control of line focus for X-ray laser experiment 85556
Yoon, H., Gutierrrez-Aitken, A.L., Bhattacharya, P., Lourdudoss, S. Design and characterization of 1.55 μm InP-based MQW ridge and buried heterostructure lasers with low threshold currents and high modulation bandwidths 65193
Yoon, H. *see* Bhattacharya, P. 107270
Yoon, H. *see* Kwon, B. 98440
Yoon, H. *see* McGregor, D.S. 80153
Yoon, H. *see* McGregor, D.S. 92663
Yoon, J.-S. *see* Cheung, T.-S. 75011
Yoon, J.-S. *see* Cheung, T.-S. 115366
Yoon, J.K. *see* Chung, H.T. 82577
Yoon, J.K. *see* Park, Y.J. 62753
Yoon, K.S. *see* Hwang, I.G. 119425
Yoon, K.S. *see* Jai-Sop Hyun 104693
Yoon, K.S. *see* Lee, M.C. 69493
Yoon, M., Huang, J.Y., Jang, J.S., Kwon, M., Lee, T., Nam, S.H. Commissioning of the PLS 2 GeV storage ring 79864
Yoon, M. *see* Kwon, M. 100689
Yoon, M. *see* Mochrie, S.G.J. 94215
Yoon, S.F., Miao, Y.B., Radhakrishnan, K. Molecular beam epitaxial growth of high quality InAlAs on InP (100) substrates at very high arsenic pressures 103970
Yoon, S.F., Miao, Y.B., Radhakrishnan, K. Silicon doping in $In_{0.52}Al_{0.48}As$ layers grown by molecular beam epitaxy: characterization of material properties 114888
Yoon, S.F., Miao, Y.B., Radhakrishnan, K., Duan, H.L. Mobility enhancement in MBE-grown $In_xGa_{1-x}As/In_{0.52}Al_{0.48}As$ modulation-doped heterostructures 62795
Yoon, S.F., Miao, Y.B., Radhakrishnan, K., Swaminathan, S. On the substrate temperature dependence of the properties of $In_{0.52}Al_{0.48}As/InP$ structures grown by molecular beam epitaxy 104019
Yoon, S.F. *see* Liu, Y.J. 104129
Yoon, S.F. *see* Zhang, D.H. 83919
Yoon, S.H., Rao, S.S. Multiuser detection in CDMA based on the annealed neural network 108807
Yoon, T., Jalali, B. 622 Mbit/s CMOS limiting amplifier with 40 dB dynamic range 113762
Yoon, T.S. *see* See, S.K. 89399
Yoon, Y. Optimized compensation transaction for mobile telecommunication systems 78569
Yoon, Y. Optimized compensation transaction for mobile telecommunication systems 88147
Yoon, Y.C., Leib, H. Matched filtering in improper complex noise and applications to DS-CDMA 98418
Yoon, Y.C., Leib, H. Matched filters with interference suppression capabilities for DS-CDMA 118785
Yoon, Y.C. *see* Park, K.S. 99747
Yoon, Y.S. Si-buffer pinholes in the SEPOX (selective poly oxidation) process 114939
Yoon, Y.S., Kim, K.H., Jang, H.G., Jung, H.J., Koh, S.K. Characteristics of Cu thin films on a glass substrate by partially ionized beam deposition at room temperature 95636
Yoon, Y.S., Yom, S.S., Kim, T.W., Lee, D.U., Kim, C.O. Improvement of the crystallinity in $PbTiO_3$ films grown on indium tin oxide-coated glass by metalorganic chemical vapor deposition using the continuous cooling process 61399
Yoon, Y.S. *see* Kim, T.W. 94579
Yoon, Y.S. *see* Koh, S.K. 94828
Yoon, Y.S. *see* Ryoo, J.S. 115395
Yoon Byeongnam *see* Byeongnam Yoon
Yoon Byung-Do *see* Byung-Do Yoon
Yoon Byung-Nam *see* Byung-Nam Yoon
Yoon Chang Woo *see* Chang Woo Yoon
Yoon Cheon Byoung *see* Byoung Yoon Cheon
Yoon Cheong Ku *see* Cheong Ku Yoon
Yoon Choon Sup *see* Choon Sup Yoon
Yoon Dae Sung *see* Dae Sung Yoon
Yoon Doh Sang *see* Doh Sang Yoon
Yoon Dong-Jin *see* Dong-Jin Yoon
Yoon Doo Man *see* Doo Man Yoon
Yoon Euijoon *see* Euijoon Yoon
Yoon Gi Yang, Nam Ik Cho, Sang Uk Lee Fast blind equalization by using frequency domain block constant modulus algorithm 97703
Yoon Han-Sub *see* Han-Sub Yoon
Yoon Hee Soo *see* Hee Soo Yoon
Yoon Hwang Seok *see* Seok Yoon Hwang
Yoon Hwang-Gyu *see* Hwang-Gyu Yoon
Yoon Hyung-Sup *see* Hyung-Sup Yoon
Yoon Hyunsoo *see* Hyunsoo Yoon
Yoon Jaeseog *see* Jaeseog Yoon
Yoon Ji Taek *see* Ji Taek Yoon
Yoon Jong-Gul *see* Jong-Gul Yoon
Yoon Jong-Hwan *see* Jong-Hwan Yoon
Yoon Joong-Suk *see* Joong-Suk Yoon
Yoon Kang *see* Matthews, P. 100511
Yoon Key-Jeong *see* Key-Jeong Yoon
Yoon Kim Byoung *see* Byoung Yoon Kim
Yoon Kim Dong *see* Dong Yoon Kim
Yoon Koo Ja *see* Ja Yoon Koo
Yoon Kwang Sub *see* Kwang Sub Yoon
Yoon Kwangho *see* Kwangho Yoon
Yoon Kyoo Jhee *see* Chong Hwa Seo 85536
Yoon Kyung-Hoon *see* Kyung-Hoon Yoon
Yoon Lee Sang *see* Sang Yoon Lee
Yoon Sang-Baeck *see* Sang-Baeck Yoon
Yoon Sangho *see* Sangho Yoon
Yoon Seok Hyun *see* Seok Hyun Yoon
Yoon Seok-Jin *see* Seok-Jin Yoon
Yoon Soo Young *see* Soo Young Yoon
Yoon Yong-Beum *see* Yong-Beum Yoon
Yoon Yong-San *see* Yong-San Yoon
Yoon Yongseok *see* Yongseok Yoon
Yoon YoungJoong *see* YoungJoong Yoon
Yoon Yung Sup *see* Yung Sup Yoon
Yoon-Ha Jeong *see* Jeong-Soo Lee 105851
Yoon-Ho Kim *see* Byung-Do Yoon 112456
Yoon-Ho Kim *see* Eun-Soo Kim 121625
Yoon-Ho Song *see* Jin Hyeok Kim 63662
Yoon-Ho Song *see* Seo-Yoon Kim 63710
Yoon-Seok Han *see* Young-Seok Kim 121455
Yoon-Soo Kim *see* Seung-Ho Ahn 115017
Yoon-Sub Shim *see* Seung-Jong Park 118960
Yoong Whang Hwe *see* Hwe Yoong Whang
Yoonhee Kim *see* Sung-Yong Park 109100
Yoonho Kim *see* Yung Park 75022
Yoonho Kim *see* Yung Park 106349
Yoonhyuk Kim *see* Changyeol Lee 74962
Yoonjong Huh, Dooyoung Yang, Yungkwon Sung Analysis of circuit degradation due to hot-carrier effects in 64 Mb DRAMs 113936
Yoonsan Chun *see* Hernsoo Hahn 87260
Yoonseon Song *see* Jong-Moon Kim 73605
Yoonsik Choe *see* Chee Sun Won 98058
Yoonsik Choe *see* Jihyung Kim 86851
Yooseok Chung *see* Jeong Eui Yun 69564
Yopshida, S. *see* Makino, A. 95341
Yordanova, S.T. *see* Kolev, N.P. 110029
Yorgensen, R.S. *see* Holley, W.H. 112388
Yorgov, V. *see* Buyuklieva, S. 117246
Yorgov, V.Y. *see* Tonchev, V. 97570
Yorino, N. *see* Cheng Haozhong 80801
Yorino, N. *see* Ishikawa, F. 101751
Yorino, N. *see* Nagata, T. 80775
Yorino Naoto *see* Naoto Yorino
York, E.Von *see* Von York, E.
York, J. *see* Gogineni, S. 60468
York, P. *see* Garbuzov, D. 96260
York, P.K. *see* Garbuzov, D.Z. 107326
York, P.K. *see* Martinelli, R.U. 69364
York, P.K. *see* Riris, H. 97878
York, R.A. Scanning oscillator arrays for low cost transceivers 88104
York, R.A. *see* Alexanian, A. 93790
York, R.A. *see* Fuchs, J. 99638
York, R.A. *see* Heng-Chia Chang 93801
York, R.A. *see* Ram, R.J. 97369
York, R.A. *see* Tsai, H.S. 73643
York, R.A. *see* Tsai, H.S. 73767
York, R.C., Blosser, T., Grimm, T., Johnson, D., Lawton, D., Marti, F., Vincent, J., Wu, X., Zeller, A.F. Proposed upgrade of the NSCL 79810
York, R.J. *see* Mamun, A.Z. 63085
York, R.L. *see* Swenson, D.R. 90095
York, T. *see* Williams, P. 99840
York, T.A. *see* Srisuchinwong, B. 76761
York, T.H. *see* Tyrrell, G.C. 92866
Yoroizawa, I. *see* Hongo, S. 66942
Yorozu, S. *see* Tahara, S. 115915
Yoshiba Humihiko *see* Cao Guangyi 112310
Yoshida, A., Deguchi, M., Kitabatake, M., Hirao, T., Matsuo, J., Toyoda, N., Yamada, I. Atomic level smoothing of CVD diamond films by gas cluster ion beam etching 94784
Yoshida, A., Maeda, K., Ikeda, S., Ganjoo, A. Preparation of ZnO thin films using undulator and ArF excimer laser 82733
Yoshida, A., Utsumi, K., Ganjoo, A. Si epitaxial growth at low temperatures using remote plasma process 104026
Yoshida, A. *see* Ganjoo, A. 94394
Yoshida, A. *see* Higashida, Y. 110730
Yoshida, A. *see* Hyuk-Joo Kwon 92732
Yoshida, A. *see* Ichimura, Y. 75947
Yoshida, A. *see* Kanade, T. 86382
Yoshida, A. *see* Murakami, Y. 66010
Yoshida, A. *see* Takauchi, H. 82721
Yoshida, A. *see* Tanaka, T. 72940
Yoshida, A. *see* Yamaguchi, T. 113411
Yoshida, A. *see* Yamamoto, Y. 113501
Yoshida, C. *see* Takauchi, H. 82721
Yoshida, E., Nakazawa, M. 80~200 GHz erbium doped fibre laser using a rational harmonic mode-locking technique 96133
Yoshida, E. *see* Nakazawa, M. 75860
Yoshida, E. *see* Nakazawa, M. 85393
Yoshida, E. *see* Nakazawa, M. 85394
Yoshida, E. *see* Tamura, K. 99561
Yoshida, F. *see* Hirata, K. 70853
Yoshida, H., Sasaki, T., Nakamura, K., Ohashi, M. Reflector parameters for high reflectance and high contrast ratio with White-Taylor reflective display 106873
Yoshida, H., Suzuki, H., Kinoshita, Y., Imai, K., Akimoto, T., Tokashiki, K., Madihian, M., Yamazaki, T. A premetal BPSG filled deep trench isolation technology for ECL-BiCMOS LSIs using CMP 84230
Yoshida, H., Yoshida, K., Yamanaka, T., Nakai, S. Long life operation of xenon-gas flashlamps for high-repetition rate solid state lasers 65124
Yoshida, H. *see* Amurohka, H. 100892
Yoshida, H. *see* Asada, H. 108478
Yoshida, H. *see* Asada, H. 118513
Yoshida, H. *see* Fujima, I. 119864
Yoshida, H. *see* Ichimura, M. 105165
Yoshida, H. *see* Kuhara, S. 73351
Yoshida, H. *see* Madihian, M. 99333
Yoshida, H. *see* Mochizuki, J. 89385
Yoshida, H. *see* Mori, Y. 85615
Yoshida, H. *see* Nakano, K. 119888
Yoshida, H. *see* Nishio, T. 119211
Yoshida, H. *see* Shibata, T. 65586
Yoshida, H. *see* Shibata, T. 110377
Yoshida, H. *see* Suzuki, S. 119035
Yoshida, H. *see* Suzuki, T. 71502
Yoshida, H. *see* Wu, Y. 68426
Yoshida, H. *see* Yamazaki, T. 63961
Yoshida, H. *see* Yasui, K. 104067
Yoshida, H. *see* Yoshida, K. 107460
Yoshida, I., Katsueda, M., Sekine, K., Nagata, M. A Si power MOS amplifier for PCN mobile telephones 88257
Yoshida, J., Akahori, Y., Ikeda, M., Uchida, N., Kozen, A. Sensitivity limits of long-wavelength monolithically integrated p-i-n JFET photoreceivers 64998
Yoshida, J., Kishino, K., Jang, D.H., Nahm, S., Nomura, I., Kikuchi, A. Self-organization mechanism of GaInP quantum wires in $(GaP)_m/(InP)_m$ short-period binary superlattices for GaInP/AlInP multi-quantum-wire (MQWR) lasers 65235
Yoshida, J. *see* Fukano, H. 116546
Yoshida, J. *see* Sato, R. 84900
Yoshida, K., Hara, M., Hirayama, Y., Sugita, Y. Computer simulation of ultrahigh-density perpendicular magnetic recording 75227
Yoshida, K., Hirao, T., Kamimura, T., Ochi, K., Kaku, S., Yoshida, H., Fujita, H., Tani, F., Sunagawa, M., Okamoto, Y. In-situ optical coatings on subsurface-damage removed substrate 107460
Yoshida, K., Kusama, A., Harada, Y., Nakata, Y. Evaluation method of generator regulating capability based on equivalent gain theory 80884
Yoshida, K., Maeoka, T., Ishii, T., Handa, H., Ninomiya, T. A novel zero-voltage-switched half-bridge converter with active current-clamped transformer 121623

Yoshida, K., Morikawa, T. Fabrication and characterization of side-hole single-mode optical fibers 106789
Yoshida, K., Onoue, T., Kiss, T., Shimakage, H., Zhen Wang Evaluation of the residual surface resistance of high-T_c superconducting Y-Ba-Cu-O thin films 64530
Yoshida, K., Onoue, T., Kiss, T., Shimakage, H., Zhen Wang Weakly coupled grain model for the residual surface resistance of $YBa_2Cu_3O_x$ thin films 115888
Yoshida, K., Satoh, T., Enomoto, N., Yagi, T., Hihara, H., Oku, M. Fabrication of optical fiber preform by CIP forming technique 95677
Yoshida, K., Shimada, M., Matsukawa, M., Sborchia, C., Stepanov, B., Stoner, J., Nozawa, M. Design of the outer poloidal field coil system for ITER 95513
Yoshida, K., Takami, H., Yokota, D., Nishitani, M., Sonoda, A. Trajectory control of controlled-PM linear synchronous motor magnetic levitation vehicle–FEM dynamics simulations and experiments in mass-reduced-control mode 103117
Yoshida, K., Yagi, T. Hybridized fabrication of optical fibers by extrusion forming process 106783
Yoshida, K., Young Jung Kim, Ju Lee 3-D FEM field analysis in controlled-PM LSM for Maglev vehicle 112568
Yoshida, K. *see* Chen Lee 87449
Yoshida, K. *see* Ikesue, A. 107218
Yoshida, K. *see* Ito, H. 76125
Yoshida, K. *see* Kobayashi, S. 68102
Yoshida, K. *see* Kurisu, M. 78297
Yoshida, K. *see* Maruyama, K. 100989
Yoshida, K. *see* Matsuno, Y. 91728
Yoshida, K. *see* Matsushita, S.I. 74248
Yoshida, K. *see* Mitsuhashi, T. 115289
Yoshida, K. *see* Nakamura, T. 72269
Yoshida, K. *see* Saeki, T. 73369
Yoshida, K. *see* Takahashi, N. 64186
Yoshida, K. *see* Tanaka, N. 109282
Yoshida, K. *see* Tanizawa, M. 99446
Yoshida, K. *see* Tsuchiya, R. 115655
Yoshida, K. *see* Yoshida, H. 65124
Yoshida, M. MOSFET carrier mobility model based on gate oxide thickness, threshold and gate voltages 115180
Yoshida, M., Fujii, A., Ohmori, Y., Yoshino, K. Three-layered multicolor organic electroluminescent device 96008
Yoshida, M. *see* Akiyama, N. 89495
Yoshida, M. *see* Fujii, A. 85302
Yoshida, M. *see* Fujii, A. 96017
Yoshida, M. *see* Harashima, K. 93049
Yoshida, M. *see* Hosaka, S. 75405
Yoshida, M. *see* Hosaka, S. 84945
Yoshida, M. *see* Kirihata, T. 61897
Yoshida, M. *see* Kirihata, T. 93380
Yoshida, M. *see* Lindert, N. 63747
Yoshida, M. *see* Manabe, Y. 76237
Yoshida, M. *see* Miyazaki, T. 96134
Yoshida, M. *see* Ohmori, Y. 75741
Yoshida, M. *see* Ohmori, Y. 85289
Yoshida, M. *see* Ohmori, Y. 96018
Yoshida, M. *see* Okuno, R. 90606
Yoshida, M. *see* Shintani, T. 95663
Yoshida, M. *see* Suzuki, Y. 82766
Yoshida, M. *see* Uchida, H. 81823
Yoshida, M. *see* Wann, C.H. 106033
Yoshida, M. *see* Watanabe, Y. 61898
Yoshida, M. *see* Watanabe, Y. 93381
Yoshida, M. *see* Yamagata, Y. 73452
Yoshida, M. *see* Yonemori, H. 121582
Yoshida, M. *see* Yoshimura, T. 82771
Yoshida, N., Koike, S., Kukutsu, N., Kashiwa, T. Formulation of anisotropic medium in spatial network methods—summary 85787
Yoshida, N., Toyoda, H., Igasaki, Y., Mukohzaka, N., Kobayashi, Y., Hara, T. A non-pixelized electrically-addressed spatial light modulator (SLM) by combining an optically-addressed SLM with a CRT 85131
Yoshida, N. *see* Igasaki, Y. 85132
Yoshida, N. *see* Itoh, M. 94416
Yoshida, N. *see* Kashiwa, T. 62356
Yoshida, N. *see* Kashiwa, T. 73785
Yoshida, N. *see* Koide, T. 61549
Yoshida, N. *see* Miyashita, M. 96051
Yoshida, N. *see* Ohska, T.K. 100980
Yoshida, N. *see* Sanada, M. 105727
Yoshida, N. *see* Sasaki, H. 63772
Yoshida, N. *see* Toyoda, H. 87245
Yoshida, N. *see* Yamamoto, Y. 63774
Yoshida, O. *see* Endo, K. 95367
Yoshida, O. *see* Ichinose, H. 95988
Yoshida, O. *see* Ihara, H. 94236
Yoshida, O. *see* Ishizuka, Y. 92889
Yoshida, O. *see* Tanaka, N. 69283
Yoshida, O. *see* Yamaguchi, T. 92888
Yoshida, R. *see* Ohbuchi, R. 101137
Yoshida, S., Hanada, T., Tanabe, S., Soga, N. Blue photoluminescence from Si-doped amorphous silica films by RF sputtering 75706
Yoshida, S., Kohno, T., Saegusa, S., Terayama, T., Yoshida, T., Hirai, H., Hamada, Y., Yamaguchi, T. Non-symmetrical three-lobe bearing spindle technology: a drive technology to increase aerial density 64400
Yoshida, S., Kuwano, S., Takachio, N., Iwashita, K. 10 Gbit/s×10-channel WDM transmission experiment over 1200 km with repeater spacing of 100 km without gain equalization or pre-emphasis 68521
Yoshida, S., Sasaki, M. In situ selective area growth of GaAs, AlAs, and AlGaAs using MOMBE 103931
Yoshida, S., Sasaki, M., Ishikawa, T. The effect of EB irradiation with and without hot-jet Cl_2 on an ultra-thin GaN layer for selective etching 105626
Yoshida, S., Ushirokawa, A. Capacity evaluation of CDMA-AIC: CDMA cellular system with adaptive interference cancellation 68199
Yoshida, S. *see* Doi, T. 70054
Yoshida, S. *see* Fujimaki, A. 115921
Yoshida, S. *see* Hacke, P. 113369
Yoshida, S. *see* Hirabayashi, Y. 106980
Yoshida, S. *see* Matoba, N. 78424
Yoshida, S. *see* Mizuguchi, H. 68284
Yoshida, S. *see* Murashita, K. 86094
Yoshida, S. *see* Murata, H. 68195
Yoshida, S. *see* Murata, H. 109514
Yoshida, S. *see* Ohshima, T. 106043
Yoshida, S. *see* Okumura, H. 105138
Yoshida, S. *see* Okumura, H. 105629
Yoshida, S. *see* Tsutsumi, M. 64493
Yoshida, S. *see* Tsutsumi, M. 93667
Yoshida, S. *see* Yoshikawa, M. 84008
Yoshida, S. *see* Yoshikawa, M. 105515
Yoshida, S. *see* Nakashima, S. *(editor)* 103286
Yoshida, T., Cooklev, T., Nishihara, A., Fujii, N. Design of non-separable 3-D QMF banks using McClellan transformations 73556
Yoshida, T., Jyo, Y., Omatu, S. Extraction of edge information by Kohonen's networks 80599
Yoshida, T., Nagatake, T., Kobayashi, M., Yoshikawa, A. Reduction of p-ZnTe/p-ZnSe valence band discontinuity by a Ga_2Se_3 interfacial layer 74334
Yoshida, T., Sato, K., Ono, T. 3.3 V single power supply 16 Mbit flash EEPROM 73330
Yoshida, T. *see* Ichikawa, A. 99750
Yoshida, T. *see* Ichikawa, Y. 102990
Yoshida, T. *see* Ichiki, T. 61352
Yoshida, T. *see* Ichiya, Y. 87603
Yoshida, T. *see* Kahara, T. 71206
Yoshida, T. *see* Kawase, M. 95094
Yoshida, T. *see* Kikuchi, M. 106704
Yoshida, T. *see* Kubota, M. 109902
Yoshida, T. *see* Manabe, T. 88129
Yoshida, T. *see* Matsuoka, Y. 115388
Yoshida, T. *see* Morinaga, K. 109737
Yoshida, T. *see* Nozaki, A. 79588
Yoshida, T. *see* Okura, K. 117855
Yoshida, T. *see* Sakai, H. 73805
Yoshida, T. *see* Senoo, M. 111740
Yoshida, T. *see* Shoji, M. 115665
Yoshida, T. *see* Someya, Y. 81755
Yoshida, T. *see* Takahashi, K. 93901
Yoshida, T. *see* Takahata, K. 95516
Yoshida, T. *see* Yamaoka, K. 77841
Yoshida, T. *see* Yoshida, S. 64400
Yoshida, T. *see* Yoshioka, Y. 113311
Yoshida, Y. Reduction of charge-up damage in magnetron RIE 63356
Yoshida, Y. Fuzzy decision processes with time-average fuzzy rewards 92410
Yoshida, Y., Hirose, M., Irokawa, H., Yamamoto, Y., Takeda, M. Development of a 500 kV high-voltage, high-capacity thyristor valve 91106
Yoshida, Y., Ito, Y., Hirabayashi, I., Nagai, H., Takai, Y. Surface morphology and growth mechanism of $YBa_2Cu_3O_{7-y}$ films 92698
Yoshida, Y., Satoh, M., Hashimoto, T., Irokawa, H., Takeuchi, H., Oue, M., Naito, H. Verification and testing of DC power-transmission equipment 91110
Yoshida, Y., Sugihara, H., Hatano, M., Koan, T., Oue, T., Hosokawa, N. Transformer and reactor development for DC power-transmission systems 91108
Yoshida, Y., Takahata, K., Hatano, M., Takatsuka, K., Tsuchie, E. Development of 500 kV DC gas insulated switchgear 91683
Yoshida, Y. *see* Aoki, T. 81499
Yoshida, Y. *see* Demachi, K. 64513
Yoshida, Y. *see* Higashida, Y. 110730
Yoshida, Y. *see* Ishikawa, S. 110859
Yoshida, Y. *see* Kozawa, T. 89681
Yoshida, Y. *see* Miyoshi, Y. 92891
Yoshida, Y. *see* Murata, K. 98573
Yoshida, Y. *see* Ogata, A. 79850
Yoshida, Y. *see* Uehigashi, K.-I. 73451
Yoshida, Y. *see* Uesaka, M. 91775
Yoshidaya, H., Murakami, K. Investigation on high performance SLD 116268
Yoshie, K., Iijima, H., Takayama, N., Iinuma, T. Digital audio QPSK demodulator LSI for television broadcasting by satellite 79118
Yoshifuji, N. *see* Kon, H. 70924
Yoshifuji, N. *see* Kon, H. 91178
Yoshigahara, T. *see* Yokoyama, A. 110213
Yoshigoe, A. *see* Urisu, T. 114976
Yoshihara, K. *see* Liu, J. 100500
Yoshihara, K. *see* Miyagi, T. 114331
Yoshihara, K. *see* Tosa, M. 94156
Yoshihara, K. *see* Tsurumi, H. 78488
Yoshihara, K. *see* Umeda, T. 73518
Yoshihara, O. *see* Kobayashi, Y. 119910
Yoshihara, T. *see* Tsuboi, S. 74657
Yoshihashi, M. *see* Matsuda, K. 96998
Yoshihashi, N., Sasase, I. Effects of speedup factor and input buffer control policy on the waiting time in packet switch 98436
Yoshihiro, M. *see* Ohta, N. 75231
Yoshii, A. *see* Taniyama, H. 63577
Yoshii, H. *see* Kakimoto, F. 69777
Yoshii, I., Kohno, R. Bearing estimation for wide-band signals in a multipath channel 117344
Yoshii, J. *see* Katsouleas, T. 100571
Yoshii, K., Kaji, H., Taki, Y., Tanimoto, H., Ono, Y. Infrared therapeutic apparatus 90566
Yoshii, K., Kobayashi, H. Correction of fast neutron scattered components from fast neutron radiography images 104235
Yoshii, K., Kobayashi, H. Characterization of the YAYOI fast neutron radiography field 110610
Yoshii, K. *see* Nakajima, T. 104238
Yoshii, K. *see* Yoneda, K. 110506
Yoshii, M. *see* Machida, S. 79814
Yoshii, M. *see* Sakai, I. 100718
Yoshii, M. *see* Shinto, K. 90092
Yoshii, S., Yokogawa, T., Tsujimura, A., Sasai, Y., Merz, J.L. Demonstration of blue vertical-cavity surface-emitting laser diode 65264
Yoshii, S. *see* Ohkawa, K. 72786
Yoshii, T. *see* Anzaki, T. 84389
Yoshii, T. *see* Saeki, T. 73369
Yoshii, T. *see* Shimada, M. 104252
Yoshii, Y. *see* Nakayama, M. 83431
Yoshii, Y. *see* Yamamoto, K. 78534
Yoshiiwa, M., Kageyama, H., Shirota, Y., Wakaya, F., Gamo, K., Takai, M. Novel class of low molecular-weight organic resists for nanometer lithography 115109
Yoshikado, S. *see* Huitian Wang 65440
Yoshikado, S. *see* Wang, H. 107535
Yoshikawa, A., Nagasaka, Y., Suzumura, N. Human face recognition by various orthogonal transforms 67050
Yoshikawa, A. *see* Ishiguro, H. 75416
Yoshikawa, A. *see* Miyachi, M. 74201
Yoshikawa, A. *see* Nagai, H. 107205
Yoshikawa, A. *see* Takayama, T. 65272
Yoshikawa, A. *see* Takayama, T. 116270
Yoshikawa, A. *see* Yamada, T. 83858
Yoshikawa, A. *see* Yoshida, T. 74334
Yoshikawa, H., Hasegawa, S., Yamagishi, F., Nakashima, M. Design of an optical pickup using double holographic lenses 96799
Yoshikawa, H., Tamai, J. Holographic image compression by motion picture coding 96744
Yoshikawa, H. *see* Deguchi, K. 110665
Yoshikawa, H. *see* Kajiki, Y. 100182
Yoshikawa, H. *see* Kubota, Y. 118386
Yoshikawa, H. *see* Mizuno, A. 89757
Yoshikawa, H. *see* Sakaki, H. 89929
Yoshikawa, J. *see* Shimbo, M. 94775
Yoshikawa, K., Hirabayashi, I., Ikeda, H., Yoshizaki, R. Preparation and superconducting properties of Bi2223 thick films by the doctor-blade process 84872
Yoshikawa, K. *see* Iwano, H. 104025
Yoshikawa, K. *see* Takahashi, Y. 104334
Yoshikawa, K. *see* Yoshino, K. 86852
Yoshikawa, M., Itoh, H., Ohshima, T., Nashiyama, I., Okumura, H., Yoshida, S. Effects of gamma-ray irradiation on formation of oxide-trapped charges in SiC MOS capacitors 105515
Yoshikawa, M., Saitoh, K., Ohshima, T., Itoh, H., Nashiyama, I., Yoshida, S., Okumura, H., Takahashi, Y., Ohnishi, K. Depth profile of trapped charges in oxide layer of 6H-SiC metal-oxide-semiconductor structures 84008
Yoshikawa, M. *see* Fukui, S. 101854
Yoshikawa, M. *see* Higashi, S. 80878
Yoshikawa, M. *see* Hirata, A. 82745
Yoshikawa, M. *see* Itoh, Y. 115883
Yoshikawa, M. *see* Kusakari, T. 71609
Yoshikawa, M. *see* Mori, Y. 115391
Yoshikawa, M. *see* Nomura, T. 92753
Yoshikawa, M. *see* Ohnishi, K. 95207
Yoshikawa, M. *see* Ohshima, T. 106043
Yoshikawa, M. *see* Tsuchimoto, M. 64516
Yoshikawa, M. *see* Unno, Y. 80035
Yoshikawa, M. *see* Unno, Y. 100858
Yoshikawa, M. *see* Yonezawa, Y. 80201
Yoshikawa, M. *see* Yoshimura, N. 109594
Yoshikawa, N., Itoh, M., Yatagai, T. Adaptive computer-generated hologram with hybrid feedback system 85776
Yoshikawa, N., Kitagawa, K., Takakura, S., Takakado, S. An experiment for head positioning system using submicron track-width GMR head 115796
Yoshikawa, N. *see* Huitian Wang 65440
Yoshikawa, N. *see* Makioka, S. 62321
Yoshikawa, N. *see* Makioka, S. 73792
Yoshikawa, N. *see* Makioka, S. 88197
Yoshikawa, N. *see* Wang, H. 107535
Yoshikawa, S., Yamaguchi, K., Hayashi, K., Suzuki, K., Enomoto, Y. Microwave properties of $Y_1Ba_2Cu_3O_{7-x}$ step-edge Josephson junction series arrays 104828
Yoshikawa, S. *see* Blue, C.T. 64091
Yoshikawa, S. *see* Ishitani, H. 110282
Yoshikawa, S. *see* Noge, S. 104112
Yoshikawa, S. *see* Saijyou, K. 89576

Yoshikawa, T., Kato, T. Roundoff noise reduction for state-space digital filter with cascade form 117305
Yoshikawa, T., Nishino, S., Saraie, J. Sublimation growth of cubic SiC bulk 104133
Yoshikawa, T., Sugimoto, Y., Sakata, Y., Takeuchi, T., Yamamoto, M., Hotta, H., Kohmoto, S., Asakawa, K. Smooth etching of various III/V and II/VI semiconductors by Cl$_2$ reactive ion beam etching 84157
Yoshikawa, T. *see* Geshiro, M. 64763
Yoshikawa, T. *see* Kuksenkov, D.V. 85525
Yoshikawa, T. *see* Wakiwaka, H. 70554
Yoshiki, M. *see* Ida, S. 63444
Yoshikuni, Y. Semiconductor optical devices for WDM networks 68415
Yoshikuni, Y. *see* Okamoto, H. 68439
Yoshikuni, Y. *see* Okamoto, H. 78888
Yoshikuni, Y. *see* Yasaka, H. 68485
Yoshikuni, Y. *see* Yasaka, H. 78889
Yoshikuni, Y. *see* Yasaka, H. 85497
Yoshikuni, Y. *see* Zamkotsian, F. 119195
Yoshimaru, M., Matsuhashi, H. Moisture resistance of annealed borophosphosilicate glass films for very large scale integrated circuit applications 115398
Yoshimaru, M. *see* Ino, M. 61380
Yoshimaru, M. *see* Ogihara, H. 73331
Yoshimaru, N. *see* Ida, J. 74617
Yoshimatsu, H. *see* Onishi, S. 89365
Yoshimatsu, N. *see* Fujii, T. 73450
Yoshimi, K. *see* Munaka, T. 99964
Yoshimi, M. *see* Fuse, T. 73250
Yoshimi, M. *see* Kikuchi, T. 70943
Yoshimi, M. *see* Koizumi, H. 71197
Yoshimi, M. *see* Swarup, K.S. 70654
Yoshimi, M. *see* Yokozawa, S. 78145
Yoshimi, T. *see* Shabani, M.B. 74597
Yoshimi, U. *see* Fukushima, I. 91960
Yoshimoto, H. *see* Tokuchi, A. 91640
Yoshimoto, K. *see* Fujii, A. 96017
Yoshimoto, K. *see* Ohyama, H. 105874
Yoshimoto, M. *see* Fujii, T. 92838
Yoshimoto, M. *see* Hyun-Kwon Ha 61423
Yoshimoto, M. *see* Matsuura, H. 74487
Yoshimoto, M. *see* Myung Bok Lee 61261
Yoshimoto, N., Shibata, Y., Oku, S., Kondo, S., Noguchi, Y., Wakita, K., Naganuma, M. Fully polarisation independent Mach-Zehnder optical switch using a lattice-matched InGaAlAs/InAlAs MQW and high-mesa waveguide structure 99460
Yoshimoto, S., Ezura, E., Akai, K., Takashima, T. Experiment of the RF feedback using a parallel comb filter 100605
Yoshimoto, S. *see* Duk-Kyu Park 68117
Yoshimoto, S. *see* Fukumoto, S. 99164
Yoshimoto, S. *see* Fukumoto, S. 99297
Yoshimoto, S. *see* Kanazawa, A. 99299
Yoshimura, E.M. *see* Srivastava, J.K. 95971
Yoshimura, H. *see* Kitamura, T. 95955
Yoshimura, H. *see* Naruse, H. 109947
Yoshimura, K. Renewal work of 66 kV substation for Kyorin University 121812
Yoshimura, K. *see* Aronstein, D. 69717
Yoshimura, K. *see* Kawamura, K. 78350
Yoshimura, K. *see* Kichimi, H. 69718
Yoshimura, K. *see* Kimura, Y. 61463
Yoshimura, K. *see* Tsuji, M. 116963
Yoshimura, M., Oe, S. Texture image segmentation by genetic algorithms 98341
Yoshimura, M., Oe, S., Shinohara, Y. Texture segmentation method considering optimum number of segmentation areas by using neural networks 108516
Yoshimura, M., Shinabe, S., Yao, T. Growth and annihilation of nickel silicide studied by scanning tunneling microscopy 94569
Yoshimura, M., Takahashi, E., Yao, T. Initial stages of the nitridation of the Si(111) surface observed by scanning tunneling microscopy 63374
Yoshimura, M. *see* Hama, H. 95296
Yoshimura, M. *see* Kawakyu, K. 88240
Yoshimura, M. *see* Ozeki, T. 85017
Yoshimura, M. *see* Sasaki, T. 76260
Yoshimura, M. *see* Yosoi, M. 120231
Yoshimura, N., Takahashi, T., Yoshikawa, M., Kadowaki, N., Ikegami, T. HDTV transmission experiment using N-Star 109594
Yoshimura, N., Xinsheng, W., Kumagai, S., Shikimura, A., Hasegawa, S. The influence of acid rain on the resistance to tracking of polymer insulating materials 64156
Yoshimura, N. *see* Fan Zong-Huai 64151
Yoshimura, N. *see* Jianfei, X. 75001
Yoshimura, N. *see* Xinsheng, W. 64128
Yoshimura, N. *see* Yuan Changmin 64124
Yoshimura, R. *see* Tada, T. 114953
Yoshimura, S. *see* Hashizume, K. 112304
Yoshimura, S. *see* Joon-Seong Lee 95224
Yoshimura, S. *see* Kiriyama, T. 74882
Yoshimura, S. *see* Maekawa, T. 74057
Yoshimura, T., Akiyama, N., Yoshida, M. Study for crack detecting technique on ferrite ceramics by scanning detecting FID 82771
Yoshimura, T., Kohinata, N., Morita, J. Pre-filtering effect in an iterative deconvolution method and its application to signal recovery in fiber-optic distributed temperature sensors 79507
Yoshimura, T., Kondoh, H., Matsuda, Y., Sumi, T. A 622-Mb/s bit/frame synchronizer for high-speed backplane data communication 73517
Yoshimura, T. *see* Fujimura, N. 95310
Yoshimura, T. *see* Miwa, M. 107678
Yoshimura, T. *see* Sakurai, A. 68203
Yoshimura, Y. *see* Aronstein, D. 69717
Yoshimura, Y. *see* Kichimi, H. 69718
Yoshimura, Y. *see* Yamashita, T. 88839
Yoshinaga, H., Kashiwabara, Y., Abe, B., Shibata, K. A technique for deriving noise-parameters of millimeter-wave low-noise HEMTs and its application to MMIC LNA design 83446
Yoshinaga, H., Kashiwabara, Y., Abe, B., Shibata, K. A technique for deriving noise-parameters of millimeter-wave low-noise HEMTs and its application to MMIC LNA design 84465
Yoshinaga, H. *see* Kikushima, K. 68489
Yoshinaga, H. *see* Kikushima, K. 98909
Yoshinaga, J. *see* Hongo, H. 105440
Yoshinaga, K., Hisha, H., Sakabe, S. Power engineering education utilizing satellite communications and computer networks 72104
Yoshinaga, Y. *see* Kobatake, H. 80262
Yoshinari, K., Michihiko, M., Katsuo, I. Three dimensional motion estimation of a human body using a difference image sequence 86826
Yoshino, A. *see* Tanigawa, T. 93359
Yoshino, H., Itani, T., Hashimoto, S., Yamana, M., Samoto, N., Kasama, K. A study on halation reduction for single layer DUV resist processing 105775
Yoshino, H. *see* Ishii, S. 119445
Yoshino, H. *see* Ishikawa, Y. 71194
Yoshino, H. *see* Saeki, T. 73369
Yoshino, H. *see* Terashima, Y. 91231
Yoshino, J. *see* Mitsui, T. 105183
Yoshino, K. Novel properties of new types of conducting and insulating polymers and their composites 61451
Yoshino, K., Yin, X.H., Tada, K., Kawai, T., Hamaguchi, M., Araki, H., Sugimoto, R., Uchikawa, N., Asanuma, T., Kawahigashi, M., Kato, H. Novel properties of new type conducting and insulating polymers and their composites 82776
Yoshino, K., Yoshikawa, K., Kawashima, T., Aoki, Y. Gesture estimation using color combination 86852
Yoshino, K., Zakhidov, A.A., Kajii, H., Araki, H., Tada, K., Noguchi, T., Ohnishi, T., Yakushi, K. Multiphase superconductivity in OO-PPV/C$_{60}$ composite doped by alkali metals. Low-field microwave absorption and SQUID study 106650
Yoshino, K. *see* Fujii, A. 85302
Yoshino, K. *see* Fujii, A. 96017
Yoshino, K. *see* Futako, W. 92894
Yoshino, K. *see* Hamaguchi, M. 85287
Yoshino, K. *see* Hamaguchi, M. 116248
Yoshino, K. *see* Kobayashi, J. 95833
Yoshino, K. *see* Kobayashi, J. 95842
Yoshino, K. *see* Kuwano, S. 88648
Yoshino, K. *see* Mino, S. 64999
Yoshino, K. *see* Morigaki, K.-I. 112218
Yoshino, K. *see* Ohmori, Y. 75741
Yoshino, K. *see* Ohmori, Y. 85289
Yoshino, K. *see* Ohmori, Y. 96018
Yoshino, K. *see* Onoda, M. 61453
Yoshino, K. *see* Tada, K. 94916
Yoshino, K. *see* Toda, K. 69517
Yoshino, K. *see* Uto, S. 64819
Yoshino, K. *see* Wakita, K. 95827
Yoshino, K. *see* Yoshida, M. 96008
Yoshino, M., Inoue, K. Polarisation-insensitive LD wavelength conversion using a loop configuration with a filtering function 107244
Yoshino, M., Okuno, R., Nagamune, A., Nishifuji, K. Next generation on-line ultrasonic testing system, using real-time chirp pulse compression processing 113592
Yoshino, M. *see* Saitoh, R. 105977
Yoshino, S., Motoyama, Y. An efficient satellite channel assignment method for demand-assignment SS-TDMA systems 119102
Yoshino, S. *see* Kato, T. 64196
Yoshino, T., Haneishi, M. A two-wavelength loss-compensated fiber-optic photoelastic pressure sensor 79493
Yoshino, T., Hosono, Y., Sasaki, Y., Yamane, M., Komatsu, N., Uehara, K. 1.6 μm high power pulsed laser diode module 76026
Yoshino, T., Kunimori, H., Takahashi, F. Crustal deformation monitoring system for the Tokyo metropolitan area. Satellite laser ranging system for the Key Stone Project. Satellite laser ranging in the Key Stone Project 101534
Yoshino, T., Takahashi, F., Takahashi, Y., Imae, M., Kurihara, N., Kunimori, H. Crustal deformation monitoring system for the Tokyo metropolitan area. Future aspects of the Key Stone Project 101546
Yoshino, T. *see* Amagai, J. 101542
Yoshino, T. *see* Hama, S. 101530
Yoshino, T. *see* Imae, M. 101522
Yoshino, T. *see* Imae, M. 101529
Yoshino, T. *see* Kaneko, A. 101543
Yoshino, T. *see* Katagiri, S. 99708
Yoshino, T. *see* Kurihara, N. 101523
Yoshino, T. *see* Kurihara, N. 101545
Yoshino, T. *see* Takaba, H. 101526
Yoshino, T. *see* Takahashi, Y. 69427
Yoshino, T. *see* Yonenaka, K. 72219
Yoshino, Y. *see* Nakagawara, O. 84674
Yoshino, Y. *see* Yamazaki, T. 113466
Yoshinobu, T., Oba, N., Tanaka, H., Iwasaki, H. High-speed and high-precision chemical-imaging sensor 79539
Yoshinobu, T. *see* Inoue, S. 70121
Yoshinobu, T. *see* Oba, N. 69243
Yoshio, I. *see* Nakanishi, I. 117431
Yoshio, M., Noguchi, H., Nakamura, H., Suzuoka, K. Preparation of cathode materials for lithium batteries by melt impregnation method. III. Preparation of lithium-manganese composite oxide, Li$_{0.33}$MnO$_2$, as a 3V cathode material 71620
Yoshio, M., Yamato, K., Itoh, J., Noguchi, H., Osada, M., Mouri, T. Performance of the LiMn$_x$Ni$_{1-x}$O$_2$ electrode 81705
Yoshio, M., Yongyao Xia, Ikeda, K., Noguchi, H. Dependence of battery performance of spinel Li$_{1+x}$Mn$_2$O$_4$ on the preparation method 112283
Yoshioka, H. *see* Kubota, Y. 109942
Yoshioka, J. *see* Nakanishi, E. 99351
Yoshioka, K. *see* Sakamoto, S. 106707
Yoshioka, M. *see* Nakanishi, T. 114507
Yoshioka, M. *see* Okugi, T. 100782
Yoshioka, S. *see* Kuroda, T. 73425
Yoshioka, S. *see* Kuroda, T. 104515
Yoshioka, S. *see* Matsuyama, K. 88005
Yoshioka, S. *see* Nagashima, H. 73383
Yoshioka, S. *see* Unekawa, Y. 78296
Yoshioka, T., Nankai, S. Disposable biosensor based on bioelectrochemistry 89178
Yoshioka, T. *see* Noborio, M. 89430
Yoshioka, T. *see* Sato, K. 74953
Yoshioka, Y., Hashimoto, T., Shigesada, Y., Yoshida, T. Real-time ellipsometric measurement during growth of (Al$_x$Ga$_{1-x}$)$_{0.52}$In$_{0.48}$P thin films 113311
Yoshioka, Y., Konishi, S., Eguchi, N., Yamamoto, M., Endo, K., Maruyama, K., Hino, K. Self-commutated static flicker compensator for arc furnaces 71467
Yoshisato, Y. *see* Suzuki, H. 84914
Yoshitaka, H. *see* Tamura, T. 74992
Yoshitake, A., Ishihara, Y., Todaka, T., Harada, K., Hirata, K. Dynamic analysis of a linear oscillatory actuator under feedback control 107823
Yoshitake, M. *see* Kuribayashi, K. 64017
Yoshitake, M. *see* Nosaka, T. 114510
Yoshitake, M. *see* Ogawa, S. 75374
Yoshitani, T. *see* Miyamoto, Y. 75210
Yoshitani, T. *see* Miyamoto, Y. 115638
Yoshitani, T. *see* Miyamoto, Y. 115645
Yoshitomi, D. *see* Nabekawa, Y. 65030
Yoshitomi, D. *see* Nabekawa, Y. 116426
Yoshitomi, J., Mukai, H., Uno, N., Ichikawa, T. Research on oxide superconducting wires for application to power apparatuses 84871
Yoshitomi, T. *see* Momose, H.S. 84437
Yoshitomi, T. *see* Sasaki, H. 94954
Yoshiue, T., Koyama, T., Hayakawa, Y., Kumagawa, M. Growth of InGaSb ternary bulk single crystals by the Czochralski method with precise temperature control 72743
Yoshiwara, Y. *see* Shirai, S. 89277
Yoshizaki, R. *see* Yoshikawa, K. 84872
Yoshizaki, S. *see* Tsutsumi, N. 85648
Yoshizawa, A., Watanabe, E., Moriya, T. Ultrasonic measurement of three-dimensional structure of electrical trees using characteristics of tree structure 115403
Yoshizawa, J. *see* Noda, K. 89755
Yoshizawa, M. *see* Barros, A.K. 93544
Yoshizawa, M. *see* Nakajima, T. 64575
Yoshizawa, M. *see* Noda, K. 89755
Yoshizawa, M. *see* Shikano, K. 82792
Yoshizawa, S., Kubotera, S., Kobayashi, I. KC6402A duplex radio modem 118689
Yoshizawa, S. *see* Haseyama, S. 85903
Yoshizawa, S. *see* Kojima, M. 82770
Yoshizawa, S. *see* Yamazaki, S. 104250
Yoshizawa, T. *see* Otani, Y. 79694
Yoshizawa, T. *see* Tsuda, H. 64823
Yoshizawa, T. *see* Yamazaki, T. 113466
Yoshizawa, Y., Yamaguchi, H., Ooishi, N., Suzuki, H., Suzuki, S. The study of countrate stability of photomultiplier tube with different types of voltage dividers 83268
Yoshizawa, Y., Yamaguchi, H., Ooishi, N., Suzuki, H., Suzuki, S. The study of countrate stability of photomultiplier tube with different types of voltage dividers 100950
Yoshizuka, H. *see* Wang, Z.-C. 75009
Yoshizumi, Y. *see* Yamada, Y. 90603
Yoshmura, K., Kumamaru, N., Shudo, K. Determination of the priority in the analysis of two-KANJI word 66585
Yosida, M. *see* Shinozaki, T. 68925
Yosino, T. *see* Miki, C. 101544
Yosoi, M., Akimune, H., Daito, I., Fujiwara, M., Hirata, S., Inomata, T., Kamigaito, O., Kawabata, M., Noro, T., Sakemi, Y., Takahashi, T., Tamii, A., Toyama, S., Yamagoshi, A., Yoshimura, M., Sakaguchi, H. Focal plane polarimeter for the Grand Raiden at RCNP 120231
Yost, A.A., Bauer, P.H. Robust asymptotic stability of 2-D shift-variant discrete state-space systems 86196
Yost, F.G. *see* Hosking, F.M. 92186

Yost, F.G. *see* Hosking, F.M. 104935
Yost, F.G. *see* Hosking, F.M. 104943
Yost, F.G. *see* Hosking, F.M. 104952
Yost, F.G. *see* Stevenson, J.O. 94038
Yost, F.G. *see* Weiser, M.W. 82192
Yost, M.G. *see* Wilson, B.W. 90621
Yost, S.A., Bauer, P.H., Balemarthy, K. On the stability preserving property of the double bilinear transformation on a class of 2-D transfer functions 66771
Yost, S.A., Bouer, P.H. Stability of shift-variant difference equations with application to adaptive digital filters 113254
Yost, T. *see* Jemison, W.D. 85170
Yost, T.A., Herczfeld, P.R., Rosen, A. MMIC and fiber optic delay line hybrid transversal filter 93923
Yost, T.A., Herczfeld, P.R., Rosen, A., Bharj, S., Sperlow, S., Bachtle, D., Sarnoff, D., Sterzer, F., Mawhinney, D. Hybrid transversal filter utilizing MMIC and optical fiber delay lines 73766
Yostyuk, S.V. *see* Mankelevich, Y.A. 92846
Yotsuyanagi, M. *see* Hasegawa, H. 73477
You, C.-W. *see* Lee, S.-M. 118806
You, F., Embabi, S.H.K., Sanchez-Sinencio, E. The limitation of CMRR in low voltage operational amplifier with N-P input pairs 104376
You, H. *see* Bashir, R. 63902
You, H. *see* Jian, G. 78990
You, J., Zhu, W.P., Cohen, H.A., Pissaloux, E. Fast object recognition by parallel image matching on a distributed system 87096
You, J., Zhu, W.P., Pissaloux, E., Cohen, H.A. A distributed object recognition system 66977
You, J.-H., Cho, Y.-S., Shin, C.-C. Class-B high efficiency power amplifier by harmonic tuning with optimum load impedance 113776
You, J.U. *see* Chung, M.Y. 78111
You, Y., Fuchs, E.F., Lin, D., Barnes, P.R. Reactive power demand of transformers with DC bias 81529
You, Y. *see* Daido, H. 96101
You, Y. *see* Xu, W. 108257
You, Y.C., Choi, J.S., Do, Y.R., Kim, T.W., Park, H.L. Tunable color emission in a Ba$_{1-x}$Sr$_x$Y$_2$S$_4$:Eu^{2+} phosphor 95979
You, Y.H., Lee, Y.C., Moon, T.H., Kang, C.E. Parallel code acquisition technique for preamble search in the CDMA reverse link 77701
You, Z.P. *see* Li, B. 81901
You Cheol Woo *see* Cheol Woo You
You Cheolwoo *see* Cheolwoo You
You Fan *see* Fan You
You Gwon-Jong *see* Gwon-Jong You
You Wan-Sik *see* Wan-Sik You
You Xu *see* Xijuan Zhang 75158
You Yonglu *see* Huang Wenzhong 96202
You Yonglu *see* Wu Deyong 65012
You Yu-Li *see* Yu-Li You
You Zhang *see* Zhang You
You Zhaoyong *see* Zhaoyong You
You Zhipu *see* Zhipu You
You-Hua Qian *see* Shi-Ming Zhou 84811
You-Suk Bae, Sang-Il Jin, Sang-Gil Shin, Soo-Young Lee, Cheol Hoon Park, Sang-Yung Shin Multiple fractional Fourier transforms for large-scale optical implementation of adaptive neural networks 85214
You-Tang Yang *see* Yang You-Tang
You-Wei Zhang *see* Wen-Hua Cao 84988
You-Wei Zhang *see* Wen-Hua Cao 116031
Youan-Yang Chiou The present status and prospects of Taipower's research and development activities 101818
Youbin Fang *see* Jiaxiong Ye 116588
Youbin Feng *see* Feng Youbin
Youcef-Toumi, K. *see* Sakuta, S. 79698
Youden, K.E. *see* Yeo, J.S. 92695
Youdou Zheng *see* Shulin Gu 82759
Youdou Zheng *see* Xiaodong Huang 82669
Youdou Zheng *see* Zheng Youdou
Youfa, W., Qi, W., Jiashan, B. Submillimeter bistability and multi-stability in antiferromagnets 76523
Youfa Wang *see* Wang Youfa
Youfang Xu *see* Xu Youfang
Youfeng Zheng, Jian-Gang Zhu Micromagnetics of spin valve memory cells 115869
Yougang Gao *see* Gao Yougang
Youheng Wang *see* Wang Youheng
Youhong Lu *see* Morris, J.M. 76970
Youhua Qian *see* Zhiping He 114866
Youhua Wang *see* Wang Youhua
Youhyeon Jeong, Sionghun Yi A development of the stand-alone Audiotex system 117282
Youjin Yuan *see* Yuan Youjin
Youlan Zhu *see* Wei Cai 92650
Youli Li *see* Zhiyu Wen 69102
Youliang Wu *see* Wu Youliang
Youlin Hu *see* Zhiyi Zhang 100060
Youlin Li *see* Bhushan, B. 75244
Youman Deng *see* Deng Youman
Youmans, B. *see* Fitzpatrick, C. 79310
Youmans, D.G., Corbett, F., Dryden, G., Kovacs, M. Theoretical and Monte Carlo analyses of the range-Doppler imaging capabilities of mode-locked CO$_2$ ladars 109803
Youmans, R.J. *see* Kingsley, L.E. 101634
Youmin Zhang *see* Zhang Youmin
Youming Chen, Major, L., Kushawaha, V. Efficient laser operation of diode-pumped Nd:KGd(WO$_4$)$_2$ crystal at 1.067 μm 85440
Youn, D.H. *see* Kim, K.M. 76929
Youn, D.H. *see* Park, Y.C. 109695
Youn, K.-J., Kim, B., Lee, C.-S., Maeng, S.-J., Lee, J.-J., Pyun, K.-E., Park, H.-M. Low dissipation power and high linearity PCS power amplifier with adaptive gate bias control circuit 93836
Youn, M. *see* Kim, Y.D. 69812
Youn, M.-J. *see* Moon, G.-W. 104298
Youn, M.J. *see* Baik, I.C. 121456
Youn Chan-Hyun *see* Chan-Hyun Youn
Youn Chang Joo *see* Chang Joo Youn
Youn Dae Hee *see* Lee Ki Seung 66600
Youn Dae Hee *see* Dae Hee Youn
Youn Dae-Hee *see* Dae-Hee Youn
Youn Jung Min *see* Jung Min Youn
Youn Kwae Jeong *see* Jin Kyu Choe 109289
Youn Myung-Joong *see* Myung-Joong Youn
Youn Park Moo *see* Moo Youn Park
Youn Sim Dong *see* Dong Youn Sim
Youn Soo Park, Hyung Kun Kim, Min Gi Kwak, Kyung Dong Jang, Sang Yoon Lee, Sang Ho Sohn Electro-optical properties of ZnS:TbF$_3$ thin film electroluminescent devices fabricated by a sputtering deposition method 85290
Youn Soo Park *see* Min Gi Kwak 85292
Youn Soo Park *see* Nyung Kun Kim 85288
Youn SunHyun *see* SunHyun Youn
Youn Yong-Sik *see* Yong-Sik Youn
Youn Young Earmme *see* Hyouk Lee 72286
Youn Young Sik *see* Young Sik Youn
Youn-Bok Shin *see* Sang-Sung Han 68311
Youn-Long Lin *see* Tsung-Yi Wu 113877
Youn-Sig Lee *see* Sookyung Kim 109946
Younes, C.M. *see* Tsang, R.S. 72927
Younes, M.A. Determination of the roughness profile amplitude and wavelength: a facet model approach 79707
Young, A., Moti Yung Cryptovirology: extortion-based security threats and countermeasures 76753
Young, A., Yung, M. The dark side of "black-box" cryptography or: Should we trust Capstone? 97528
Young, A. *see* Ho, T.H. 103457
Young, A.A. *see* Jinah Park 80266
Young, A.P., Wieder, H.H. Influence of surface and interface states on the electrical properties of an Al$_{0.2}$Ga$_{0.8}$As/In$_{0.18}$Ga$_{0.82}$As δ-modulation-doped heterostructure 83914
Young, A.T. *see* Pickard, D.S. 69695
Young, B.A. *see* Cabrera, B. 100819
Young, B.A. *see* Penn, M.J. 79997
Young, B.K.F. *see* Dunn, J. 100901
Young, C.L., Guan, Y., Zory, P.S., Mawst, L., Bhattacharya, A., Botez, D. Unusual temperature dependence of quantum well lasers 65200
Young, C.L. *see* Hsu, C.F. 96251
Young, C.L. *see* Zory, P.S. 64916
Young, D., Ishihara, O., Yatsuzuka, M. Effects of electron beam pinching on microwave emission in a vircator 62591
Young, D. *see* Enge, P. 88759
Young, D. *see* Thorsteinsson, S. 68755
Young, D. *see* Wagner, W.E., III 113482
Young, D.B. *see* Hu, S.Y. 65266
Young, D.B. *see* Wipiejewski, T. 65323
Young, D.B. *see* Wipiejewski, T. 85509
Young, D.B. *see* Wipiejewski, T. 85526
Young, D.J. *see* Horwill, C. 81649
Young, D.J. *see* Hu, L. 71813
Young, D.J. *see* Luckett, M.J. 81011
Young, E. Observations of the effects of the beam-beam interaction on the orbits of stored beams in CESR 89835
Young, E., Edwards, J. An investigation into using C40 networks for real-time image processing 99894
Young, E.T. *see* Barber, H.B. 101212
Young, E.T. *see* Marks, D.G. 80353
Young, E.T. *see* Marks, D.G. 101240
Young, F.C., Boller, J.R., Stephanakis, S.J. Absolute calibration of nuclear activation diagnostics for intense pulsed ion beams 89639
Young, F.C., Neri, J.M., Boller, J.R., Hinshelwood, D.D., Jones, T.G., Oliver, B.V., Ottinger, P.F., Stephanakis, S.J., Fisher, R.C., Greenly, J.B. Development of an applied-magnetic-field diode for ion-beam-transport experiments 120123
Young, F.C., Stephanakis, S.J., Goodrich, P.J., Mosher, D. Properties of intense ion beams from pinch-beam diodes 69639
Young, F.C. *see* Hinshelwood, D.D. 69638
Young, G., Clarke, D. Video delivery over copper pair and its role relative to fiber 87980
Young, G.J. *see* Attas, E.M. 102404
Young, G.R. Monolithic electronics for nuclear and high-energy physics experiments 110612
Young, G.R. *see* Britton, C.L., Jr. 80132
Young, G.R. *see* Britton, C.L., Jr. 100979
Young, G.R. *see* Britton, C.L., Jr. 110617
Young, G.R. *see* Ericson, M.N. 90206
Young, G.R. *see* Ericson, M.N. 100924
Young, G.R. *see* Simpson, M.L. 90214
Young, G.R. *see* Simpson, M.L. 100938
Young, G.S. *see* Beal, R.C. 111236
Young, G.S. *see* Sikora, T.D. 111235
Young, H.C. *see* Hansen, P.B. 85499
Young, I.R. *see* Burl, M. 120347
Young, I.R. *see* Eastham, J.F. 101305
Young, J. *see* Jones, W. 101114
Young, J. *see* Nassar, E. 111277
Young, J.F. *see* Lim Nguyen 65097
Young, J.F. *see* Lim Nguyen 78926
Young, J.F. *see* Nguyen, L. 68392
Young, J.H., Tutor, J.C., Harris, E.P., Lin, C. Microcomputer monitoring and control of bulk tobacco curing barns 119533
Young, J.K. *see* Ahn, T.W. 114141
Young, J.L. A higher order FDTD method for EM propagation in a collisionless cold plasma 107928
Young, J.S. *see* Kozlowski, D.A. 65190
Young, K.C., Ramsdale, M.L., Rust, A. Dose and image quality in mammography with an automatic beam quality system 80255
Young, L. RF filters for mobile communication base stations 68091
Young, L.M. *see* Billen, J.H. 89725
Young, L.M. *see* Krawczyk, F.L. 89949
Young, L.M. *see* Takeda, H. 89726
Young, M., Pickup, E., Deloughry, R., Hartley, T., Nixon, S.A., Barratt, L. Development of a variable density flowmeter for an industrial application using tomographic imaging 100399
Young, M. *see* Dixson, R. 115084
Young, M. *see* Drapela, T.J. 116030
Young, M. *see* Vachet, G. 115327
Young, M. *see* Wei Xia 63874
Young, M. *see* Williams, D.H. 64681
Young, M.C. *see* Raybon, G. 109609
Young, M.G., Koren, U., Miller, B.I., Chien, M., Koch, T.L., Tennant, D.M., Feder, K., Dreyer, K., Raybon, G. A six wavelength laser array with integrated amplifier and modulator 68418
Young, M.G. *see* Eskildsen, L. 85519
Young, M.Y.T. *see* Martin, R.A. 110298
Young, N. *see* Khuller, S. 103647
Young, N.D. *see* Brotherton, S.D. 84605
Young, P. Management systems–users tales and product promises 87579
Young, P. The Internet crunch 118468
Young, P. *see* De Graaf, C. 93369
Young, P. *see* Garvey, D.W. 106804
Young, P.H. Design considerations for fiber optic transport of PCS signals 99145
Young, R. *see* Bangham, J.A. 77269
Young, R.C.D. *see* Budgett, D.M. 98289
Young, R.M., Schreurs, J.J. Evidence of supersonic flow in an arc-heated diamond film deposition reactor 61312
Young, R.M. *see* Hunt, B.D. 75354
Young, R.W., Sr., Lai, J.S., Ott, G.W., Jr., White, C.P., Adams, D.J., McKeever, J.W., Bailey, J.M. Calculation of the required heat sink thermal resistance of a three-phase SPWM inverter driving an induction motor 71806
Young, R.W., Sr. *see* Jih-Sheng Lai 71541
Young, S. A review of large-vocabulary continuous-speech 108204
Young, S. *see* Kozlowski, D.A. 65305
Young, S. *see* Pauley, J. 102896
Young, S. *see* Wu, C.-H. 98563
Young, S.D. *see* Jones, D.R. 70424
Young, S.J. *see* Gales, M.J.F. 108227
Young, S.J. *see* Jones, G.J.F. 97653
Young, S.J. *see* Jones, K.S. 76873
Young, S.S. Optimized target localization in stereotactic radiosurgery using real-time digital portal images 110889
Young, T. Thyristor traction rectifiers engineering and hype 91859
Young, T. *see* Altermatt, P.P. 121878
Young, T. *see* Daulton, M. 92069
Young, T.F., Liu, J.F., Wu, C.C., Fu, G.H., Chen, C.S. Study of Ag thin films deposited on porous silicon 63090
Young, T.K. *see* Ping-Chung Li 104300
Young, W. WDM laser array packaging: electrical and optical issues 68410
Young, W., Bahadur, B., Lewis, D., Wan, K. Performance of polymer-dispersed suspended particle cells 89416
Young, W. *see* Deis, G. 106719
Young, W.C. *see* Lee, T.-P. 78880
Young, W.R., Jr. Electric vehicles of yesterday carry us into tomorrow 71852
Young, W.R., Jr. Photovoltaics and the automobile 71873
Young, W.R., Jr. Tracking electric vehicles with GPS 109839
Young, W.R., Jr., Wilson, W. Efficient electric vehicle lighting using LEDs 112574
Young, W.S., Andersen, J.J., Williams, D.W., Duncan, M.M., Dumanowski, J.E. Reducing process hazardous waste–a CA example 72390
Young, W.T. *see* Ponce, F.A. 82629
Young Ahn Ho *see* Ho Young Ahn
Young Bae Jun, Neggers, J., Hee Sik Kim Normal L-fuzzy ideals in semirings 113116
Young Bong Kang, Hu, G.Y., O'Connell, R.F., Jai Yon Ryu Effect of stray capacitances on single electron tunneling in a turnstile 95085
Young Boong Chung *see* Yong Wan Kim 110408
Young Bum Koh *see* Kyeong Koo Chi 74552
Young Bum Koh *see* Won Jong Yoo 74562
Young Byun, den Beer, W., Moshi Yang, Tieer Gu A novel amorphous silicon thin film transistor for AMLCDs 63707

Young Chang Jo, Sung Hwan Kim, Pyung Choi One port resistor cell for CMOS analog integrated circuits 84596
Young Choi Tae *see* Tae Young Choi
Young Choi Tao *see* Tao Young Choi
Young Chul Kim, Gyu Sang Lee A VLSI pulse-mode digital multilayer neural network for pattern classification: architecture and computational behaviors 62099
Young Chung Min *see* Min Young Chung
Young Earmme Youn *see* Youn Young Earmme
Young Eom Sang *see* Sang Young Eom
Young Guon Kim *see* Guang Sup Cho 84256
Young Han Kim Analysis of a finite buffer with service interruption in a network interface unit 87278
Young Han Kim *see* Sang Mok Chang 79596
Young Hee Byun, Den Boer, W., Mohshi Yang, Tieer Gu An amorphous silicon TFT with annular-shaped channel and reduced gate-source capacitance 63659
Young Hee Lee *see* Hyeun Tae Lee 67597
Young Hee Lee *see* Keunjoo Kim 74606
Young Heon Jeong, Sun Mog Hong Underwater target discrimination using a sequential hypothesis test 70585
Young Hwan Kim *see* Dong-Hahk Lee 77378
Young Il Choi *see* Hong Kyu Lee 110629
Young Il Kang *see* Yong-Ho Cha 107215
Young Jang Dae *see* Dae Young Jang
Young Jim Sim *see* Bong Hwan Lee 67847
Young Jin Jeon *see* Sang-Soo Choi 63497
Young Jin Kim, Kunwoon Lee Sampling of inspection points for free-form surfaces 99856
Young Jin Kim *see* Yong Eui Lee 92810
Young Jong Lee *see* Chul Sung Kim 64316
Young Joon Im, Chang Min Kim Analysis of planar optical waveguides using incident angle of complex number 106825
Young Joon Song, Jae Jung Kim, Young Yearl Han Design of improved GMSK quadrature modulator 119051
Young Jun Cha, Chong Suck Rim Development of a very fast multilayer router for multi-chip module design 62518
Young June Park *see* Jin Yang Kim 84441
Young Jung Kim *see* Yoshida, K. 112568
Young Ki Cho *see* Jong Ig Lee 65969
Young Ki Cho *see* Lee, J.H. 85943
Young Ki Kim *see* Dutta, A. 77801
Young Kil Kim *see* Sangsin Na 76725
Young Kil Kim *see* Kim Young Kil
Young Kim Che *see* Che Young Kim
Young Kim Jae *see* Jae Young Kim
Young Kim Jin *see* Jin Young Kim
Young Kuk *see* Mang, K.M. 63173
Young Kwan Kim *see* Dong-Myung Shin 76160
Young Kwon *see* Zemo Yang 112923
Young Lee Bo *see* Bo Young Lee
Young Lee Chan *see* Chan Young Lee
Young Lee Kie *see* Kie Young Lee
Young Li-Feng *see* Li-Feng Young
Young Man Cho *see* Diggavi, S.N. 78450
Young Min Jhon *see* Kyung Ha Lee 63744
Young Min Kim *see* Jong Pil Kong 67377
Young Min Kim *see* Kim Young Min
Young Min Park *see* Seung Kee Song 105197
Young Mo Chung *see* Ji Sung Oh 117956
Young Mok Ahn, Hoi Rin Kim, Kyu Woong Hwang Development of a simple VQ-based pre-processor 97622
Young Park Soo *see* Soo Young Park
Young Rhee Man *see* Man Young Rhee
Young Ruey-Ling *see* Ruey-Ling Young
Young S. Cho *see* Soon T. Hwang 61348
Young Seok Baek, Han Jin Cho, Inhag Park, Kyung Soo Kim VHDL modeling considering routing delay in antifuse-based FPGAs 104444
Young Seok Baek *see* Seong-Bong Lee 104274
Young Shik Moon *see* Jong Myeon Jeong 87102
Young Shik Moon *see* Jong Myeon Jeong 98240
Young Sik Youn, Chong Kwan Un Performance analysis of cut-through buffered banyan networks with finite buffer size 78282
Young Su Han, Sang Bae Kim Optimum design of 1.55 μm RWG laser diode using equivalent circuit model 65359
Young Sun Kim *see* Byung Chun Jeon 78293
Young Sun Kim *see* Byung Chun Jeon 98720
Young Sun Ryu *see* Myung Soo Han 104014
Young Sung Soh Real time vehicle identification by signal processing 97911
Young Tae Han, Jong-Seog Koh, Soon Hong Kwon, Sun Kook Yoo, Dae Hee Youn Design and implementation of the MPEG-2 multi-channel audio decoder 79196
Young Tae Kim, Hee Jun Kim A development of simulator for satellite power system 90716
Young Tae Kim, Hyung Hwa Ko A new FSVQ with multi next-state functions for image coding 77280
Young Tae Park, Jin Sung Yang Automatic partial shape recognition system using adaptive resonance theory 86619
Young Um Ki *see* Ki Young Um
Young Whan Lee *see* Chae Hun Chung 99156
Young Woo Lee *see* Yong Pyung Kim 65056
Young Yearl Han *see* Young Joon Song 119051
Young Yoo Hah *see* Hah Young Yoo
Young Yoon Soo *see* Soo Young Yoon
Young Yun Chun, Yong Tai Lee, Hyung Jong Lee, Suck Jong Chung Birefringence reduction in a high boron-doped silica-on-silicon planar optical waveguide 64760
Young-Bae Park, Shi-Woo Rhee, Imaizumi, Y., Urisu, T. Structural changes of silicon dioxide films caused by synchrotron irradiation 95241
Young-Bae Park *see* Dong-Hwan Kim 113420
Young-Bin Kwon *see* Min-Ki Kim 67489
Young-Bok Byun *see* Hee-Je Kim 107214
Young-Bum Koh *see* Zhong-Tao Jiang 115101
Young-Bum Lim *see* Chul-Hwan Kim 81079
Young-Chang Chang, Reid, J.F. RGB calibration for color image analysis in machine vision 108702
Young-Cheol Lim, Young-Gook Jung, Suk-Hwan Na, Chan-Hak Choi, Young-Hak Chang, Seung-Hak Yang A study on DSP based power analyzing and control system by analysis of 3-dimensional space current co-ordinates 102686
Young-Chul Jung, Wado, H., Ohtani, K., Ishida, M. High quality epitaxial Si films onto γ-Al_2O_3(111)/Si(111) substrates using Al predeposition layers 61257
Young-Dal Kim *see* Hong-In Chae 93970
Young-Eun Kim, Heuk Park, Jang-Joo Kim Enhanced quantum efficiency in polymer electroluminescence devices by inserting a tunneling barrier formed by Langmuir-Blodgett films 96006
Young-Gon Kim, Bongtae Han, Shin Choi, Myung-Ki Kim Bottom leaded plastic (BLP) package: a new design with enhanced solder joint reliability 112935
Young-Gook Jung *see* Young-Cheol Lim 102686
Young-Guk Kim *see* Jung-Ki Hong 83295
Young-Gwan Kim *see* Jung-Suk Goo 63672
Young-Ha Kim *see* Kil-Yeong Song 101775
Young-Hak Chang *see* Young-Cheol Lim 102686
Young-Han Kim *see* Du-Hern Lee 108783
Young-Hie Lee *see* In-Gil Park 74993
Young-Ho Cho *see* Changyeol Lee 74962
Young-Ho Lim *see* Tae-Sung Jung 73344
Young-Ho Park *see* Hee-Joong Yun 63139
Young-Huei Hong, Ching-Tsai Pan, Wen-Wei Lin A non-iterative algorithm for fast calculation of a voltage stability index 80765
Young-Hui Kim *see* Ho-Sang Ham 73866
Young-Hun Lim, Varadan, V.V., Varadan, V.K. Finite element modeling of the dynamic response of a MEMS sensor 79369
Young-Hun Lim, Varadan, V.V., Varadan, V.K. Finite element modeling of the transient response of smart structures 104187
Young-Hwan Kim *see* Sang-Ho Lee 114080
Young-Hwan Lim ComBiStation: a computer platform for a distributed multimedia computing environment 109271
Young-Hwan Lim *see* Doohyun Kim 109174
Young-Hwan Lim *see* Kyungshik Lim 108862
Young-Hwan Moon *see* Kyung-Sun Choi 102480
Young-Hyun Moon An EMM approach to derive an energy integral for the direct method of stability analysis in power systems 80766
Young-Hyun Moon, Baik Kim, Eung-Hyuk Lee A study on the identical basis of static voltage stability analysis methods in power systems 101676
Young-Hyun Moon, Young-Jin Kim, Byung-Kon Choi, Eung-Hyuk Lee, Tae-Hoon Roh A study on direct stability analysis of electric power systems with the consideration of generator damping coefficients 101727
Young-Il Kang, Sung-Hyun Yun, Hyuck Yoo, Tai-Yun Kim A business data communication platform on public networks 67791
Young-Il Kim, Kyoung-Joon Lee, Yong-Oak Chin Effect of handoff area variation on PCS system traffic 99259
Young-Jin Han, Chang-Min Kim Bending loss of circularly-bent optical waveguides by FD-BPM in cylindrical coordinates 85039
Young-Jin Kim *see* Young-Hyun Moon 101727
Young-Jin Shin *see* Myung-Ryul Choi 86155
Young-Jin Sim *see* Chulhun Seo 64746
Young-Jin Song *see* Byeong-Chan Kim 84249
Young-Jo Kim, Young-Seok Kim Implementation of binary position controller with continuous inertial external loop for BLDC motor 81480
Young-Joo An, Jin-Woo Ahn, Cheol-Je Joe, Young-Moon Hwang Proper excitation voltage and fixed switching angle control scheme for SRM drive 81924
Young-Joo An *see* Jin-Woo Ahn 71760
Young-Joon Choi *see* Jaekyun Moon 75271
Young-Joon Choi *see* Mal-Rey Lee 81287
Young-Joon Choi *see* Tae-Sung Jung 73344
Young-June Park *see* Dae-Gwan Kang 84595
Young-Kee Song *see* Byeongdo Kang 117977
Young-Key Kim, Yang-Hann Kim A three accelerometer method for the measurement of flow rate in pipe 100402
Young-Kil Kim *see* Jeom-Soo Lew 88727
Young-Kil Shin Numerical prediction of operating conditions for magnetic flux leakage inspection of moving steel sheets 92313
Young-Kil Shin, Yushi Sun, Lord, W. Numerical techniques for solving magnetostatic problems involving motion and non-uniform geometry 96933
Young-Kwon Hahm Metric of TCM decoder robust to error propagation in decision-feedback equaliser for fading ISI channels 117196
Young-Kwon Hahm *see* Dong-Doo Lee 78437
Young-Man Ahn *see* Seong-Sue Kim 115618
Young-Mi Ohk, Do-Nyon Kim, Joo-Hong Jeong A digital optical CATV decoder ASIC 68911
Young-Moon Hwang *see* Jin-Woo Ahn 71760
Young-Moon Hwang *see* Jin-Woo Ahn 103070
Young-Moon Hwang *see* Young-Joo An 81924
Young-Moon Park, Myeon-Song Choi, Lee, K.Y. A neural network-based power system stabilizer using power flow characteristics 80917
Young-Moon Park, Myoen-Song Choi, Jeong-Woo Lee, Lee, K.Y. An auxiliary LQG/LTR robust controller design for cogeneration plants 81309
Young-Moon Park, Seung-Ho Hyun, Jin-Ho Lee, Heung-Jae Lee An inverse neuro power system stabilizer using pole shifting control technique 101889
Young-Moon Park, Un-Chul Moon, Lee, K.Y. A self-organizing power system stabilizer using fuzzy auto-regressive moving average (FARMA) model 80918
Young-Moon Park, Wook Kim A study on the power system stabilizer using discrete-time adaptive sliding mode control 80914
Young-Moon Park *see* Heung-Jae Lee 102102
Young-Moon Park *see* Kwang-Ho Lee 70686
Young-Moon Park *see* Kwang-Ho Lee 101873
Young-Nam Han *see* Jong-Young Park 99307
Young-Se Kwon *see* Hyunchol Shin 93930
Young-Se Kwon *see* Yang, O.-S. 107027
Young-Seog Song, Yong Hoon Lee Efficient design of 2-D FIR fan filters using new formulas for McClellan transform parameters 76930
Young-Seok Kim, Yoon-Seok Han, Wan-Sik You Disturbance observer with binary control theory 121455
Young-Seok Kim *see* Young-Jo Kim 81480
Young-Shying Chen *see* Sheng-Lyang Jang 74717
Young-Si Kim *see* Kyu-Ouk Lee 118714
Young-Sik Baek, Jin-Hee Han Fast economic dispatch solution with piecewise quadratic cost function using Lagrangian multiplier 101953
Young-Sik Baek *see* Jung-Nyun Kim 80794
Young-Sik Kim, Jin-Soo Sohn, Suk-Hyun Shin The service creation and deployment of virtual private network service in Korea Telecom 77866
Young-So Cho *see* Sun-Moo Kang 87865
Young-Soo Kim *see* Dae-Hyun Han 69662
Young-Soo Kim *see* Dae-Hyun Han 89471
Young-Soo Kwon, Dou-Yol Kang, Hino, T. Diffusion of electron in Langmuir-Blodgett ultra-thin films 74507
Young-Su Han *see* Sang-Ki Yun 85463
Young-Su Kim *see* Chang-Joo Kim 99155
Young-Tae Park, Seok-Myeong Jang Development of the precision AC/DC power measuring system on the basis of thermal converters 79643
Young-Taek Seo, Chul-Soo Oh A design of vertical axis wind power generating system combined with Darrieus-Savonius for adaptation of variable wind speed 81363
Young-Tseng Hou *see* Cheng-Shong Wu 118012
Young-Wan Choi, Kwangjoon Kim, O-Kyun Kwon, Kyung-Sook Hyun, El-Hang Lee Logical and relational operations of nonbiased optical bistable devices 85208
Young-Woo Kim *see* Sung-Nam Kim 108195
Young-Wook Kim *see* Se-Chul Chu 99691
Youngbeom Jang, Kim, S.P. Block digital filter structures and their finite precision responses 83239
Youngblood, D.H. *see* Utsunomiya, H. 69766
Youngblood, E. *see* Min, K. 97173
Youngchan Moon, Sangwon Yun, Iksoo Chang Analysis of multiple coupled microstrip lines on a magnetized ferrite substrate 104777
Youngdahl, C.A. *see* Balachandran, U. 91234
Younger, M.E. *see* Deluca, C.C. 97969
Younghee Kim *see* Bumsoo Han 79911
Younghee Kim *see* Keeman Kim 79771
Youngho Lee, Elcan, A. Simulation modeling for process reengineering in the telecommunications industry 98523
Youngho Lee *see* Sherali, H.D. 72531
Youngjik Lee *see* Jae-Woo Yang 86128
Youngjin Sim *see* Chan-Hyun Youn 78188
Youngjin Sim *see* Sungkeun Lee 67868
Youngjoo Seo *see* Hangseop Lee 97614
Youngjoo Yee, Kukjin Chun, Jong Duk Lee, Chang-Jin Kim Polysilicon surface-modification technique to reduce sticking of microstructures 84627
YoungJoong Yoon *see* YongKook Lee 76653
Youngju Lee, Shtessel, Y.B. Comparison of a feedback linearization controller and sliding mode controllers for a permanent magnet stepper motor 71361
Youngkung Kim *see* Sungkeun Lee 67868
Youngkwon Ryu, Iickho Song, Kwang Soon Kim, Jinsoo Bae Estimation of channel states for adaptive code rate change in DS-SSMA communication systems .2. Estimation of fading environment 78408
Youngkwon Ryu, Iickho Song, Taejöo Chang, Suk Chan Kim Estimation of channel states for adaptive code rate change in DS-SSMA communication systems .1. Estimation of effective number of users 78407

Youngkwon Ryu, Suk Chan Kim, Iickho Song, Seong Ill Park, Hyung Myung Kim Adaptive change of code rate in DS-SSMA communication systems 87376
Youngkyun Kim, Sungjo Kim, Mintaig Kim The derivation of a new blind equalization algorithm 98359
Youngmi Kwon, Chong Sang Kim A self-healing method for ATM point-to-multipoint connections networks 108790
Youngmi Kwon, Taewoon Kang Design of ILMI functions in B-NT system 77884
Youngmin Hur *see* Sungho Kang 73255
Youngmin Kim, Neikirk, D.P. Micromachined Fabry-Perot cavity pressure transducer with optical fiber interconnects 79505
Youngnam Han *see* Kwangsik Kim 68223
Youngs, I.J. NAMAS-accredited microwave permittivity/permeability measurement system 89476
Youngs, L., Billus, G., Jones, A., Paramanandam, S. The UltraSPARC-I microprocessor design for manufacturing performance 61931
Youngs, L. *see* Billus, G. 61933
Youngs, L. *see* Paramanandam, S. 61891
Youngse Kim Equilibrium selection in n-person coordination games 103575
Youngse Kwon *see* Taehee Cho 69157
Youngse Kwon *see* Yongho Cho 82993
Youngse Kwon *see* Yongho Cho 83447
Youngseok Suh *see* Jin-Ho Shin 93794
Youngsik Kim *see* Joonwoo Lee 94925
Youngsong Mun *see* Jongchan Lee 118871
Youngsong Mun *see* Moonho Lee 77674
Youngsong Mun *see* Moonho Lee 98388
Youngsong Mun *see* Moonho Lee 118893
Youngsoo Kim *see* Sangwon Kang 76860
Youngsun Kim *see* Kijin Baek 78116
Youngsun Kim *see* Yu-Hyun Kim 77623
Youngsun Lee *see* Sanggyu Park 98162
Youngtae Kim *see* Jong Cheol Shin 82998
Youngtaek Jin *see* Donghee Lee 67596
Youngwoo Kwon, Deakin, D.S., Sovero, E.A., Higgins, J.A. High-performance Ka-band monolithic low-noise amplifiers using 0.2-μm dry-recessed GaAs PHEMTs 73791
Youngwoo Yun *see* Sungkwon Hong 66552
Younho Cho, Rose, J.L. Guided waves in a water loaded hollow cylinder 82798
Younis, M.F., Sinha, P., Marlowe, T.J., Stoyenko, A.D. Performance enhancement of various real-time image processing techniques via speculative execution 66890
Younosuke, F. *see* Ando, F. 109260
Younse, J.M. Projection display systems based on the digital micromirror device (DMD) 79630
Younsi, A. *see* Messaoudi, R. 115408
Youqin Huang *see* Huang Youqin
Yourd, R. *see* Henderson, T. 89790
Yourd, R.B. *see* Zisman, M.S. 79959
Yourdon, E. Guarding the code [Internet security] 67822
Youren An *see* An Youren
Yourke, H. *see* Ziegler, J.F. 72394
Yourong Luo *see* Hongyu Chen 112257
Yousaf, M. *see* Ashenford, D.E. 81888
Yousef, H.A., Khalil, H.M. A fuzzy logic-based control of series DC motor drives 71781
Yousefi-Koma, A., Sasiadek, J.Z., Vukovich, G. Control of the flexible arm space based robot using piezoelectric transducers 106406
Yousefizadeh, H. *see* Shayanfar, H.A. 101750
Yousen Xu *see* Xu Yousen
Yousfi, M. *see* Lamrous, O. 65035
Yousfi, M. *see* Maulat, C. 81608
Yousheng Yuan *see* Yuan Yousheng
Youshu-Huang, Weian-Zhu, Qingyi He, Guolin-Lu, Peng-Lin Study of a MOS imaging sensor with PIN structure 89152
Yousif, S.M. *see* King, R.L. 92093
Youssef, A. *see* Abdel-Wahab, H. 112811
Youssef, A. *see* Maly, K. 109249
Youssef, A.-B.M. *see* Kadah, Y.M. 101189
Youssef, A.M., Tavares, S.E. Spectral properties and information leakage of multi-output Boolean functions 66212
Youssef, G.M. *see* Benati, A. 121897
Youssef, H.K.M. Time variant thermal performance of high current-high voltage insulation in power systems 102210
Youssef, M. *see* Nagai, N. 80880
Youssef, M. *see* Nagai, N. 102923
Youssef, N.N. *see* Cameron, W.L. 70461
Yousuf, M., Rajan, K.G., Sahu, P.C., Shekar, N.V.C., Subramanian, N., Sekar, M. High resolution powder X-ray diffraction measurements in Guinier geometry using a diamond anvil cell 120235
Yousuf, M.I. *see* Pei, J. 111392
Youtang Wang *see* Wang Youtang
Youtkus, D.J. *see* Alonso, T. 98119
Youtsey, C. *see* Amersfoort, M.R. 75660
Youtsey, C. *see* Kolagunta, V.R. 84314
Youtsey, C. *see* Soole, J.B.D. 106926
Youtsey, C. *see* Soole, J.B.D. 106928
Youwei Wu *see* Wu Youwei
Youwei Zhang *see* Zhang Youwei
Youwen Zhang *see* Zhang Youwen
Youwu Ma *see* Ma Youwu
Youxin Xie *see* Xie Youxin
Youxin Zhao *see* Zhao Youxin
Youxiong Zhao *see* Zhao Youxiong
Youxun Lei *see* Lei Youxun
Youyi Wang, Guoxiao Guo, Hill, D.J. Nonlinear decentralized coordinated control for multimachine power systems 70763
Youyi Wang, Guoxiao Guo, Hill, D.J., Gao, L. Nonlinear decentralized control for multimachine power system transient stability enhancement 101900
Youyi Wang *see* Kia Yong Lim 101773
Youyi Wang *see* Lihua Xie 76902
Youyi Wang *see* Yoke Lin Tan 80828
Yovchev, I.G., Spassovsky, I.P., Nikolov, N.A., Dimitrov, D.P., Messina, G., Raimondi, P., Barroso, J.J., Correa, R.A. Numerical simulation of high-power virtual-cathode reflex triode driven by repetitive short pulse electron gun 105025
Yow, E. *see* Koopman, N. 94055
Yow Kin Choong *see* Kin Choong Yow
Yow Thim Lam *see* Lam Yow Thim
Yow-Chyi Lieu *see* Jiann-Fuh Chen 71503
Ypma, A. *see* Diepenhorst, M. 62138
Ypsilantis, T., Gougas, A., Hatzifotiadou, D., Seguinot, J. A long base line RICH with a 27 kton water target and radiator for detection of neutrino oscillations 69752
Ypsilantis, T. *see* Seguinot, J. 69714
Ystesund, K., LeGalley, R., Koyama, K., Yamamoto, Y., Kyriakopoulos, N. Cooperative feasibility test of remote monitoring of unattended sensors 110032
Ytrehus, O. *see* Hole, K.J. 66296
Ytterdal, T., Hurt, M., Shur, M., Park, H., Tsai, R., Peatman, W.C.B. High-temperature characteristics of 2-D MESFETs 63757
Ytterdal, T. *see* Fjeldly, T.A. 84435
Ytterdal, T. *see* Kie Young Lee 63787
Ytterdal, T. *see* Peatman, W.C.B. 84479
Yu, A., O'Mahony, M.J. Modelling of laser-controlled erbium-doped fiber amplifiers 75847
Yu, B. Minimax redundancy through accumulated estimation error 66195
Yu, B. A statistical analysis of adaptive quantization based on causal past 66213
Yu, B. *see* Kern, A. 71952
Yu, B. *see* Kern, A. 103195
Yu, B. *see* Lin, Z. 72600
Yu, B.D. *see* Oshiyama, A. 61241
Yu, B.K. *see* Evans, J.W. 72347
Yu, C., Minvielle, A., Spanos, C.J. SEM characterization of etch and develop contributions to poly CD error 115060
Yu, C. *see* Lee, A.P. 64004
Yu, C.-I. *see* Hsu, I. 100592
Yu, C.-Y. *see* Liu, F.-Y. 110792
Yu, C.C. *see* Ku, N.C. 115514
Yu, C.C. *see* Ng, D.H.L. 75112
Yu, C.C. *see* Ng, H.T. 113596
Yu, C.G. *see* Park, J.T. 115352
Yu, C.I. *see* Hsu, I. 89890
Yu, C.I. *see* Hsu, I. 100554
Yu, C.M. *see* Lee, S.B. 110087
Yu, C.T. *see* Lai, W.Y. 106587
Yu, C.X. *see* Namiki, S. 65075
Yu, D. *see* Chang, W. 101280
Yu, D.G. *see* Hu, E.L. 94808
Yu, D.U.L. *see* Conway, P.H. 93524
Yu, E.T. *see* Yan, C.H. 103870
Yu, E.W.M. *see* Chan, C.-F. 66568
Yu, E.W.M. *see* Chan, C.-F. 76839
Yu, F., Yasuda, A. A study on the positioning accuracy against the satellites allocation in kinematic GPS 88746
Yu, F. *see* Yasuda, A. 78593
Yu, F.-F. *see* Wu, W.-R. 99106
Yu, F.T.S., Gregory, D.A. Optical pattern recognition: architectures and techniques 64841
Yu, F.T.S., Lu, M., Lu, G., Yin, S., Hudson, T.D., McMillen, D.K. Optimum target detection using a spatial-domain bipolar composite filter with a joint transform correlator 86970
Yu, F.T.S. *see* Feng Zhao 115978
Yu, F.T.S. *see* Jianzhong Zhang 65568
Yu, F.T.S. *see* Jutamulia, S. 99493
Yu, F.T.S. *see* McClain, J.L., Jr. 75602
Yu, F.T.S. *see* Mingzhe Lu 117762
Yu, F.T.S. *see* Serrano-Heredia, A. 116138
Yu, G. *see* Wang, W. 74066
Yu, H.T., Shao, K.R., Langru Li Edge-nodal coupled method for computing 3D eddy current problems 107791
Yu, H.T., Shao, K.R., Lavers, J.D. A finite element method for computing 3D eddy current problems 116824
Yu, H.T., Shao, K.R., Zhou, K.D., Lavers, J.D., Jinxing Shen Upwind-linear edge elements for 3D moving conductor eddy current problems 65688
Yu, I.H. *see* Kwon, M. 100689
Yu, J., Namba, Y., Shiokawa, M. Fractal roughness characterization of superground Mn-Zn ferrite single crystals 115590
Yu, J., Rolland, C., Yevick, D., Somani, A., Bradshaw, S. Phase-engineered III-V MQW Mach-Zehnder modulators 85105
Yu, J. *see* Che-Liang Yang 68257
Yu, J. *see* Jin, C. 74246
Yu, J. *see* Numajiri, K. 104155
Yu, J. *see* Venkatesh, B. 73350
Yu, J. *see* Yin, J. 106407
Yu, J. *see* Yin, X.T. 106434
Yu, J. *see* Zhao, J. 74247
Yu, J. *see* Zhao, K. 94182
Yu, J.K. *see* Chai, J.S. 100809
Yu, J.S. *see* Shi, B. 113245
Yu, J.X. *see* Kian-Lee Tan 87707
Yu, K. *see* Craven, D. 74919
Yu, K.K. *see* Chou, Y.C. 106089
Yu, L.H. *see* Solomon, L. 96475
Yu, L.M. *see* Peremans, A. 107401
Yu, L.S. *see* Liu, Q.Z. 64762
Yu, M.K., Sloboda, R.S., Mansours, F. Measurement of photon beam backscatter from collimators to the beam monitor chamber using target-current-pulse-counting and telescope techniques 90574
Yu, M.L. *see* Chang, T.H.P. 114548
Yu, M.L. *see* Kratschmer, E. 76349
Yu, M.R. *see* Xun Wang 63301
Yu, N. *see* Fabbricatore, P. 90191
Yu, O.T.W., Leung, V.C.M. Signaling network architecture and transaction protocols to support realtime connection rerouting in ATM/B-ISDNs 87505
Yu, O.T.W., Leung, V.C.M. Extending B-ISDN to support user terminal mobility over an ATM-based personal communications network 87861
Yu, O.T.W., Leung, V.C.M. B-ISDN architectures and protocols to support wireless personal communications internetworking 87871
Yu, O.T.W., Leung, V.C.M. Self-tuning prioritized call handling mechanism with dynamic guard channels for mobile cellular systems 118970
Yu, O.Z. *see* Liu, S. 80767
Yu, P. *see* Cheung, R. 121756
Yu, P. *see* Liao, H.B. 92849
Yu, P. *see* Sou, I.K. 114896
Yu, P.C., Hae-Seung Lee A 2.5 V 12 b 5 MSample/s pipelined CMOS ADC 73491
Yu, P.K.L. *see* Lam, B.C. 75987
Yu, P.K.L. *see* Liu, Y.Z. 75994
Yu, P.K.L. *see* Rao, H.G. 68406
Yu, P.K.L. *see* Suzuki, T. 83299
Yu, P.K.L. *see* Welstand, R.B. 64806
Yu, P.S. *see* Aggarwal, C. 78167
Yu, P.S. *see* Aggarwal, C.C. 99749
Yu, P.S. *see* Aggarwal, C.C. 99788
Yu, P.S. *see* Kun-Lung Wu 98850
Yu, P.S. *see* Ming-Syan Chen 66238
Yu, P.S. *see* Ming-Syan Chen 67359
Yu, Q., Round, S.D., Norum, L.E., Undeland, T.M. Dynamic control of a unified power flow controller 121081
Yu, Q., Sebo, S.A. Simplified magnetic field modeling and calculation of large air-core reactor coils 121550
Yu, Q. *see* Round, S.D. 70844
Yu, R. *see* Bowers, J.E. 109606
Yu, R.P.K. *see* Ip, H.H.S. 98292
Yu, R.Yu. *see* Allen, S.T. 93762
Yu, S., Eylon, S., Henestroza, E., Peters, C., Reginato, L., Vanecek, D., delaRama, F., Hipple, R., Stoker, J.D., Grote, D., Deadrick, F. Heavy ion fusion 2 MV injector 89736
Yu, S., Gulari, E., Kanicki, J. Selective deposition of polycrystalline silicon thin films at low temperature by hot-wire chemical vapor deposition 61372
Yu, S. *see* Abraham, W. 89701
Yu, S. *see* Berthod, M. 77209
Yu, S. *see* Giordanot, G. 89673
Yu, S. *see* Houck, T. 110481
Yu, S. *see* Jervis, B.W. 70130
Yu, S. *see* Reginato, L. 83758
Yu, S. *see* Westenskow, G. 83757
Yu, S.-G., Lee, Y.-S., Shin, D.-J., Koo, C.-S., Ryu, H.-G. Design of high-speed direct digital frequency synthesizer including D/A converter 100172
Yu, S.C., Baek, J.S., Nakagawa, S., Naoe, M. Underlayer thickness dependence of magnetic properties of $Co_{83}Cr_{17}/Co_{96}Zr_4$ double layer by FTS system 106525
Yu, S.C. *see* Kim, W.T. 115530
Yu, S.C.M., Tso, C.P., Liew, R. Analysis of thin film thickness determination in two-phase flow using a multifiber optical sensor 89486
Yu, S.F. Dynamic behavior of vertical-cavity surface-emitting lasers 75999
Yu, S.F., Lo, C.W. Influence of transverse modes on the dynamic response of vertical cavity surface emitting lasers 85457
Yu, S.J., Yao, J.C. On vector variational inequalities 72515
Yu, S.K., Nahmias, C. Segmented attenuation correction using artificial neural networks in positron tomography 120350
Yu, S.S. *see* Friedman, A. 89692
Yu, S.S. *see* Henestroza, E. 89674
Yu, S.S. *see* Henestroza, E. 89707
Yu, S.S. *see* Tauschwitz, A. 96956
Yu, S.W. *see* Lee, B.H. 98794
Yu, T. *see* Guo, X.L. 106824
Yu, T. *see* Xiong, S.B. 75524
Yu, T. *see* Xiong, S.B. 82723
Yu, T.-H. Color image enhancement in a new color space 86557
Yu, T.-H. *see* Wu, T.-F. 71889
Yu, T.-K. *see* Orlowski, M. 74820
Yu, T.-L. *see* Ker, M.-D. 115362
Yu, T.-L. *see* Ming-Dou Ker 84576
Yu, T.C.B., Collings, N. Optical neural systems with SASLM1: initial demonstrations 85226

Yu, T.U. *see* Colver, G.M. 107806
Yu, W.-Y. *see* Ryu, S.R. 105372
Yu, W.Y. *see* Jonker, B.T. 74336
Yu, X., Juha, Y.-J. Contoured guided 3D segmentation for medical images 101057
Yu, X., Wu, D., He, B. Development of a X-window based bioelectric mapping software system 70153
Yu, X. *see* Beaven, S.G. 108553
Yu, X. *see* Mehdi, N. 70154
Yu, X. *see* Weide, K. 115031
Yu, X.-J. *see* Xu, S.-H. 83986
Yu, X.J. *see* Lu, E.D. 83985
Yu, X.J. *see* Lu, E.D. 114943
Yu, X.Y. *see* Fujiwara, Y. 75197
Yu, Y., Harrell, J.W. FMR determination of damping constants in magnetic tapes 106568
Yu, Y., Hwang, S.W. Analysis of a basic single-electron logic-cell considering three-dimensional joint probability distribution 115263
Yu, Y. *see* Chung, M. 80031
Yu, Y. *see* Feng, W. 65505
Yu, Y. *see* Medaule, D. 84380
Yu, Y. *see* Wang, Z. 117805
Yu, Y. *see* Zhao, J. 89924
Yu, Y.-C., Chang, T.-Y. Testable on-the-fly carry-save multiplier by alternating input data 113908
Yu, Y.B. *see* Mizokawa, Y. 105580
Yu, Y.B. *see* Ying, W.B. 105542
Yu, Y.S. *see* Hwang, S.W. 106085
Yu, Y.Z. *see* Shi, R.F. 76226
Yu, Z. A temperature match based optimization method for daily load prediction considering DLC effect 70791
Yu, Z., Nikkel, P., Hathcock, S., Lu, Z., Shaw, D.M., Anderson, M.E., Collins, G.J. Measurement and control of a residual oxide layer on $TiSi_2$ films employed in ohmic contact structures 94589
Yu, Z. *see* Boney, C. 85508
Yu, Z. *see* Fu, P. 96618
Yu, Z. *see* Jacobsen, E.R. 69762
Yu, Z.Q., Wang, S.S., Wei, H.J., Chu, M.L., Teng, P.K. A study of small gap microstrip gas chamber 69827
Yu, Z.X. *see* Huang, X.G. 107656
Yu, Z.Z. *see* Lyon, G.M. 99839
Yu Anbin *see* Anbin Yu
Yu Baosheng, Wang Weicheng Fault analysis of partial system sectionalizing and substation shutdown caused by misoperation of protective relaying for 220 kV breaker in Hadong substation 121817
Yu Bin *see* Bin Yu
Yu Byoung-Gon *see* Byoung-Gon Yu
Yu Byung-Yong *see* Byung-Yong Yu
Yu Cao, Prince, T.A., Terebey, S., Beichman, C.A. Parallelization and algorithmic enhancements of high-resolution IRAS image construction 108440
Yu Chang-Tai *see* Chang-Tai Yu
Yu Changjun *see* Quan Taifan 108241
Yu Chao-Tang *see* Chao-Tang Yu
Yu Chen-Cheh *see* Chen-Cheh Yu
Yu Cheng Lin *see* Hesketh, P.J. 95232
Yu Chih-Ho *see* Chih-Ho Yu
Yu Chong K. *see* Chong K. Yu
Yu Chul-Ro *see* Chul-Ro Yu
Yu Congxuan *see* Xu Hongyao 106818
Yu Daoqi *see* Daoqi Yu
Yu Daren, Mao Zhiwei, Xu Jiyu Dynamic characteristic of primary frequency regulation of turbogenerator 121426
Yu Daren, Xu Jiyu The effects of governor on the stability of turbogenerator 80789
Yu Dawei *see* Dawei Yu
Yu Dingli *see* Dingli Yu
Yu Erkeng *see* Wang Feng 70804
Yu Erkeng *see* Wang Feng 111545
Yu Erkeng *see* Wang Haizhong 81349
Yu Erkeng *see* Wang Haizhong 91388
Yu Erkeng *see* Wang Mingjun 121125
Yu Erkeng *see* Xie Kai 121061
Yu Erkeng *see* Zhu Wendong 70741
Yu Feng Yu *see* Yu Yu Feng
Yu Gan *see* Gan Yu
Yu Gang *see* Lin Weimin 111713
Yu Gang *see* Gang Yu
Yu Guang-Hui *see* Sun Hong-Bo 107261
Yu Guofen *see* Guofen Yu
Yu Guolin *see* Guolin Yu
Yu Gwo-Jong *see* Gwo-Jong Yu
Yu Gyun Shin *see* Byung Hyug Roh 113942
Yu Haijun, Cheng Nian'an, Tao Zucong The criterion of the configuration design in foilless diode 116574
Yu Haitao, Shao Keran, Zhou Zeding Upwind-linear edge elements method 65740
Yu Haiwu *see* Meng Shaoxian 107483
Yu Hen Hu *see* Chi-Yu Mao 72525
Yu Hen Hu *see* Hangu Yeo 99760
Yu Hongbin Width-time high-speed A/D converter design based on microcomputer 61982
Yu Hu *see* Hu Yu
Yu Hua *see* Hua Yu
Yu Huang *see* Wang Mingchang 96498
Yu Huei Wu *see* Rong Tay Hsu 63779
Yu Hyek-Jae *see* Hyek-Jae Yu
Yu Hyung-Joun *see* Hyung-Joun Yu
Yu Jian-Ping, Zhao Yu-Biao, Wang Xin-Mei On neural decoding for some cyclic codes 66455
Yu Jianjun, Guo Wenyuan, Gao Liangyu Study on applications of two kinds of fluoride materials in SF_6 self-energy arc quenching 64070
Yu Jianping, Ma Jianfeng, Wang Xinmei A new algorithm for neural soft-decision decoding some cyclic codes 108124
Yu Jianping, Zhu Hongwen A property of some cyclic codes about its soft-decision decoding 86078
Yu Jihui *see* Huang Jian 96924
Yu Jihui *see* Huang Jian 107766
Yu Jihui *see* Huang Jian 107774
Yu Jihui *see* Li Ronglin 66073
Yu Jihui *see* Li Ronglin 107711
Yu Jilai, Liu Zhuo GPFC model based line power flow control of power system 80942
Yu Jilai *see* Gao Zhongwen 80912
Yu Jilai *see* Gao Zhongwen 91048
Yu Jin *see* Wang Lifang 115969
Yu Jinxiang, Ren Xiaotang, Song Zhizhong A versatile pocket PIG ion source with permanent magnet 90116
Yu Jinyue *see* Jinyue Yu
Yu Jong-Won *see* Jong-Won Yu
Yu Jung-Shik *see* Jung-Shik Yu
Yu Kee-Ho *see* Kee-Ho Yu
Yu Kin Man *see* Kin Man Yu
Yu Kyung Wan *see* Kyung Wan Yu
Yu Lapy, V. *see* Krasny, L.G. 70508
Yu Leung *see* Leung Yu
Yu Li The symmetry group and harmonic potentials of a generalized multipole 65715
Yu Li *see* Li Yu
Yu Linhua *see* Linhua Yu
Yu Lio *see* Lio Yu
Yu Liu, Takahashi, H., Nakajima, M. Compression of animation using 3D structure runlength coding 108482
Yu Liyun *see* Liyun Yu
Yu Mao *see* Mao Yu
Yu Mingbin *see* Mingbin Yu
Yu Mingyan *see* Mingyan Yu
Yu Nan-Ying *see* Nan-Ying Yu
Yu Ning *see* Ning Yu
Yu Ning Mei *see* Ning Mei Yu
Yu Pao-Ta *see* Pao-Ta Yu
Yu Pei Ma, Wikswo, J.P., Jr. Techniques for depth-selective, low-frequency eddy current analysis for SQUID-based nondestructive testing 61475
Yu Ping *see* Ping Yu
Yu Qicheng *see* Qicheng Yu
Yu Qin, Shanshan Du Control of single phase power factor pre-regulator for an on-line uninterruptible power supply using fuzzy logic inference 71451
Yu Qin, Shanshan Du Harmonic current compensation with a DSP based active filter for line interactive UPS 91632
Yu Qin *see* Qin Yu
Yu Qingjian *see* Qingjian Yu
Yu Qingkui *see* Qingkui Yu
Yu Qinrong *see* Qinrong Yu
Yu Rang-Chen *see* Rang-Chen Yu
Yu Rongjin *see* Hong Peizhi 64740
Yu Rongjin *see* Liu Lijie 64743
Yu Ruai *see* Ruai Yu
Yu Ruan, Jinhui Zhai High performance holographic frequency domain optical storage 115998
Yu Ruan *see* Ruan Yu
Yu Sheng-Wang *see* Sheng-Wang Yu
Yu Shi *see* Patzold, M. 68170
Yu Shiann-Jeng *see* Shiann-Jeng Yu
Yu Shinn-Sheng *see* Shinn-Sheng Yu
Yu Shiuh-Sheng *see* Shiuh-Sheng Yu
Yu Shouwen, Xu Qianjun Edge effect stresses in multilayer film within micromechanical-electronic system 106291
Yu Sok-Jin *see* Sok-Jin Yu
Yu Song *see* Xian-Da Zhang 66828
Yu Songyu *see* Fu Liyan 98195
Yu Soon Jae *see* Soon Jae Yu
Yu Sun *see* Yuan Tang 115216
Yu Sungkyu *see* Sungkyu Yu
Yu Tan *see* Long Xindian 118550
Yu Tan *see* Tan Yu
Yu Tao *see* Tao Yu
Yu Tian-Hu *see* Tian-Hu Yu
Yu Tiejun *see* Tiejun Yu
Yu Tong Lai *see* Tong Lai Yu
Yu Tufa *see* Tufa Yu
Yu Wai Man Y K L *see* Honary, B. 86062
Yu Wang Intersection of offsets of parametric surfaces 82499
Yu Wang *see* Feleppa, E.J. 90372
Yu Wang *see* Shi-Ming Zhou 84811
Yu Wanming *see* Wanming Yu
Yu Wei *see* Guangming Wang 64949
Yu Wei *see* Hai-Ming Wu 82756
Yu Wei *see* Wei Yu
Yu Wei-Feng *see* Wei-Feng Yu
Yu Weidong *see* Weidong Yu
Yu Weimin *see* Weimin Yu
Yu Wenn *see* Wenn Yu
Yu Wenqian *see* Wenqian Yu
Yu Wenxian, Hu Weidong, Guo Guirong Self-organizing fuzzy classification of radar weak targets 99661
Yu Wenxian *see* Wang Feixue 98213
Yu Wong Huang *see* Weerasooriya, S. 115822
Yu Xia *see* Krauter, B. 84557
Yu Xiangdong *see* Xiangdong Yu
Yu Xiao Mei *see* Xiao Mei Yu
Yu Xiaohan *see* Gu Jiahui 69702
Yu Xiaojiang *see* Xiaojiang Yu
Yu XingHuo *see* XingHuo Yu
Yu Xinhua *see* Hu Xuemin 99005
Yu Xinsheng *see* Xinsheng Yu
Yu Xiongnan *see* Cui Ningzhou 97826
Yu Xu *see* Xiangyang Yang 95650
Yu Xu *see* Yunqi Liu 79592
Yu Xue-Feng *see* Ren Di-Yuan 95003
Yu Yijun, Xue Yusheng Direct estimation and faster calculation of swing mode eigenvalues of large power systems 80770
Yu Yijun, Xue Yusheng Generation limits on transient stability calculated with IEEAC method 80803
Yu Ying-Lin *see* Ying-Lin Yu
Yu Yixin, Li Guoqing, Dai Hongwei Basic theories and methods on voltage stability of power systems 111457
Yu Yixin *see* Dai Hongwei 81040
Yu Yixin *see* Wang Yaoyu 81057
Yu Yixin *see* Wang Yaoyu 91035
Yu Yizhuan *see* Wang Qian 111503
Yu Yongjian *see* Yongjian Yu
Yu Yongynan, Li Xinran, Wang Xianzheng The fuzzy time series model of electrical load forecast 121072
Yu Yu Feng, Kozak, J. On G^2 continuous interpolatory composite quadratic Bezier curves 92577
Yu Yuan-Pin *see* Yuan-Pin Yu
Yu Yulan *see* Zhao Jijiu 119972
Yu Yunjia *see* Yunjia Yu
Yu Zanxun, Chen Xueyun The study of decentralized variable structure stabilizer for multimachine power system 111526
Yu Zhao *see* Zhao Yu
Yu Zhen-xin *see* Zhen-xin Yu
Yu Zheng *see* Zheng Yu
Yu Zheng Jiang *see* Jiang Yu Zheng
Yu Zhenggang *see* Pan Qing 65157
Yu Zhenrui, Geng Xinhua, Sun Zhonglin, Xu Wenyuan Accelerated degradation tests of large area a-Si solar cells 112403
Yu Zhenxin *see* Wei Zhiyi 75875
Yu Zhiping, Zhao Jing The non-piecewise-linear autonomous system. I. More details on the periodic waveforms 83270
Yu Zhiping, Zhao Jing The non-piecewise-linear autonomous system. II. The complex bifurcation structure 83271
Yu Zhiping *see* Zhiping Yu
Yu Zhiqiang *see* Li Maotang 111122
Yu Zhong *see* Zhong Yu
Yu Zhonghai *see* Zhonghai Yu
Yu Zhongqiang, Wang Shunshin, Wei Hornjer, Chu Minglee, Teng Pingkun Study of micro strip gas chamber 120207
Yu Zhongyuan *see* Chen Lujun 116714
Yu Zhu, Ishimaru, Y., Takahashi, N., Shimizu, M. Al composition dependence of Schottky barrier heights and conduction band offsets of $Al_xIn_{1-x}P/Ga_{0.47}In_{0.53}As$ on InP 94586
Yu Zonguang *see* Zonguang Yu
Yu Zuwei *see* Zuwei Yu
Yu-an Chen *see* Bagrodia, R. 78020
Yu-An Chen *see* Bagrodia, R.L. 93077
Yu-Biao Zhao *see* Zhao Yu-Biao
Yu-Chang Hsu *see* Guan-Chyun Hsieh 81578
Yu-Cheng Lin *see* Kuen-Fwu Fuh 97244
Yu-Chin Hsu *see* How-Rern Lin 63940
Yu-Chin Hsu *see* Mike Tien-Chien Lee 83079
Yu-Chin Tsui, Liang-Wey Chang, Yee-Pien Yang The study of a non-invasive near-infrared technology for blood glucose measurements 69968
Yu-Chong Tai *see* Fukang Jiang 79540
Yu-Chong Tai *see* Gupta, B. 69114
Yu-Chong Tai *see* Jin-Biao Huang 69090
Yu-Chong Tai *see* Jin-Biao Huang 119600
Yu-Chu Chang *see* Wen-Jyi Hwang 77284
Yu-Chu Tseng *see* Ming-Kwei Lee 89093
Yu-Chuan Chen, Xiang-Yang Zheng, Tian-Shu Lai, Xiang-Shao Xu, Dang Mo, Wei-Zhu Lin Resonators for self-mode-locking Ti:sapphire lasers without apertures 116582
Yu-De Lin, Jyh-Wen Sheen, Tzuang, C.-K.C. Analysis and design of feeding structures for microstrip leaky wave antenna 108091
Yu-De Lin *see* Jyh-Wen Sheen 76536
Yu-De Lin *see* Jyh-Wen Sheen 85932
Yu-Dong Li *see* Li Yu-Dong
Yu-Feng Tai, Shiao-Min Tseng Novel fiber modal filters 64888
Yu-Guang Chen *see* Kuo, J.B. 74668
Yu-Hai Zhang *see* Zhang Yu-Hai
Yu-Hsiung Wang *see* Ming-Kwei Lee 94862
Yu-Hua Lee, Shi-Jinn Horng The chessboard distance transform and the medial axis transform are interchangeable 77290
Yu-Hua Lee, Shi-Jinn Horng, Tzong-Wann Kao, Shung-Shing Lee Optimal parallel algorithms for computing the chessboard distance transform and the medial axis transform on RAP 77458
Yu-Hung Liao *see* Shen Iuan Liu 104677
Yu-Hung Liao *see* Shen-Iuan Liu 93177
Yu-Hyun Kim, Changhwan Oh, Youngsun Kim, Go-Bong Choi A study of priority control method in VP-based ATM networks 77623

Yu-Jane Mei *see* Ting-Chang Chang 61324
Yu-Jane Mei B *see* Ting-Chang Chang 64906
Yu-Jin Wang *see* Lin, J.C. 70213
Yu-Kuang Hu Ben *see* Ben Yu-Kuang Hu
Yu-Kwong Kwok, Karlapalem, K., Ahmad, I., Ng Moon Pun Design and evaluation of data allocation algorithms for distributed multimedia database systems 109208
Yu-Li You, Kaveh, M. Blind equalization by alternating minimization for applications to mobile communications 78451
Yu-Li You, Wenyuan Xu, Tannenbaum, A., Kaveh, M. Behavioral analysis of anisotropic diffusion in image processing 117847
Yu-Liang Wu *see* Chih-Chang Lin 104524
Yu-Lin Li *see* Qing-Yu Fan 90563
Yu-lin Li *see* Li Yu-lin
Yu-Ling Lai, Hadjidimos, A., Houstis, E.N. A generalized Schwarz splitting method based on Hermite collocation for elliptic boundary value problems 103783
Yu-Lung Hsieh, Gullberg, G.T., Zeng, G.L., Huesman, R.H. Image reconstruction using a generalized natural pixel basis 101291
Yu-Ming Tu *see* Chun-Lin Liao 93660
Yu-Shen Zhang, Lay, T. Global surface wave phase velocity variations 80603
Yu-Sheng Lin, Shung, C.B. Queue management for shared buffer and shared multi-buffer ATM switches 88029
Yu-Sun Liu, Hughes, B. A new universal random coding bound for the multiple-access channel 66462
Yu-Wen Chang, Geraniotis, E. Accurate computations of cell coverage areas for CDMA hard and soft handoffs 109474
Yu-Wen Qin *see* Yi-Mo Zhang 117819
Yu-Xian Zhang *see* Zhang Yu-Xian
Yu-Xiang Zheng *see* Shi-Ming Zhou 84811
Yu-Yuan Tai *see* Shih-Dean Kao 99850
Yuag-Gil Kim *see* Jaekyun Moon 75271
Yuan, B. *see* Zhao, Y. 67060
Yuan, C., Salagaj, T., Gurary, A., Kroll, W., Stall, R.A., Hwang, C.-Y., Schurman, M., Li, Y., Mayo, W.E., Krishnankutty, S., Kolbas, R.M., Pearton, S.J. The growth of p-type epitaxial GaN films on sapphire substrates in a production scale multi-wafer rotating disc MOCVD reactor 104063
Yuan, C., Salagaj, T., Kroll, W., Stall, R.A., Schurman, M., Hwang, C.-Y., Li, Y., Mayo, W.E., Lu, Y., Krishnankutty, S., Kolbas, R.M. Effect of shroud flow on high quality $In_xGa_{1-x}N$ deposition in a production scale multi-wafer-rotating-disc reactor 61205
Yuan, C., Skinner, M.P., Kaneko, E., Mitsumori, L.M., Hayes, C.E., Raines, E.W., Nelson, J.A., Ross, R. Magnetic resonance imaging to study lesions of atherosclerosis in the hyperlipidemic rabbit aorta 69989
Yuan, C. *see* Cole, M.W. 83976
Yuan, C. *see* Pearton, S.J. 63215
Yuan, C. *see* Pearton, S.J. 114890
Yuan, C. *see* Smith, S.R. 105299
Yuan, C. *see* Steckl, A.J. 103993
Yuan, C. *see* Zolper, J.C. 74520
Yuan, C.-M. *see* Lucas, K.D. 115077
Yuan, D. *see* Kuo, T. 100702
Yuan, H.X., Perera, A.G.U. Space-charge-limited conduction in Si n^+-i-n^+ homojunction far-infrared detectors 69140
Yuan, H.X. *see* Perera, A.G.U. 69160
Yuan, J., de Sampaio, R.J.B., Evans, D.J. Applications of QZ decomposition 113236
Yuan, J. *see* Savoie, J.M. 108921
Yuan, J.S., Ning, J.H. Analysis of abrupt and linearly-graded HBTs with or without a setback layer 94941
Yuan, J.S. *see* Gu, Y. 106051
Yuan, J.S. *see* Ning, J.H. 105925
Yuan, J.S. *see* Panchapakesan, C. 63641
Yuan, J.S. *see* Phanse, A. 104409
Yuan, J.S. *see* Phanse, A.M. 63969
Yuan, J.S. *see* Yong Dai 105926
Yuan, J.S. *see* Yuhua Gu 105962
Yuan, J.Y., Iusem, A.N. Preconditioned conjugate gradient method for generalized least squares problems 72604
Yuan, R. *see* Xie, H. 68288
Yuan, S., Wu, M., Cheng, G., Jin, G. Optical morphological hit-or-miss transform for pattern recognition of gray-scale image 117730
Yuan, S. *see* Kim, Y. 114737
Yuan, S. *see* Wu, M. 117729
Yuan, S.W., Thayamballi, P., Hua-Ching Tong Track-edge read-write effect of inductive/MR dual element heads 115724
Yuan, S.W. *see* Jian-Gang Zhu 75252
Yuan, S.X. *see* Guo, S.P. 63218
Yuan, S.X. *see* Zhang, J.M. 105538
Yuan, T.D. Thermal performance characteristic comparison between flip-chip wirebond ceramic multichip modules 62523
Yuan, T.D. Computational modelling of flow bypass effects on straight fin heat sink in rectangular duct 103449
Yuan, V. *see* Johnson, K.F. 89732
Yuan, V.W., Sander, O.R., Connolly, R.C., Gilpatrick, J.D., Johnson, K.F., Lysenko, W.P., Rusthoi, D.P., Smith, M., Weiss, R. Unexpected matching insensitivity in DTL of GTA accelerator 89733
Yuan, V.W. *see* Johnson, K.F. 100583
Yuan, X.-J., Marsland, J.S. Study of oxide field and electron energy dependence of interface-state generation in MOS structure by electron injection from Al gate and Si substrate 84026
Yuan, X.Y. *see* Gan, Y.P. 72285
Yuan, Y. *see* Bansky, J. 89034
Yuan, Y. *see* Chen, J.X. 84342
Yuan, Y. *see* Dai, Y.H. 60965
Yuan, Y. *see* Zhang, X. 116534
Yuan, Z., Vansteenkiste, C. An approach to validation of stochastic dynamic models with initial state uncertainty 97831
Yuan Bao-Zong *see* Bao-Zong Yuan
Yuan Baozong *see* Xue Jian 92422
Yuan Baozong *see* Zhou, X.Q. 98154
Yuan Baozong *see* Baozong Yuan
Yuan Bay-Ann *see* Bay-Ann Yuan
Yuan Bin, Ma Weixin, Li Donghui, Hu Jianjun Studies on the dynamical simulation part of DTS for Guangdong power system 80792
Yuan Changmin, Yoshimura, N., Lim Jangseob, Miyata, H., Niwa, T. Interface effect on treeing deterioration in XLPE/EX composite materials 64124
Yuan Chunwei *see* Wang Guangming 64986
Yuan Dongfeng *see* Wu Jianhui 116918
Yuan Hong *see* Hong Yuan
Yuan Hsieh SiteCity: a semi-automated site modelling system 86420
Yuan Hu, Carlson, B.S. A unified algorithm for the estimation and scheduling of data flow graphs 82833
Yuan Hu *see* Chengyun Wang 72740
Yuan Huijuan *see* Wu Liying 79560
Yuan Jenq-Tay *see* Jenq-Tay Yuan
Yuan Ji Pei, Li, W.M., Jiang, D.M., Wang, X.Q. A pulse septum magnet with low outgassing rate 100741
Yuan Jianping *see* Jianping Yuan
Yuan Jiansheng *see* Jiansheng Yuan
Yuan Jianwei *see* Xu Minghou 121362
Yuan Jin Yun *see* Jin Yun Yuan
Yuan Jinliang *see* Jinliang Yuan
Yuan Jinsha *see* Cui Xiang 102806
Yuan Jinsha *see* Li Lin 65700
Yuan Jiren *see* Jiren Yuan
Yuan Jun *see* Jun Yuan
Yuan Li *see* Li Yuan
Yuan Li-Pen *see* Li-Pen Yuan
Yuan Libo *see* Ruan Shunling 95698
Yuan Lin Zhang, Tai Peng Wang Repairable consecutive-2-out-of-n:F system 60712
Yuan Liu Zhi *see* Liu Zhi Yuan
Yuan Naichang *see* Naichang Yuan
Yuan Ping *see* Liu Zhanwen 110531
Yuan Qingyun *see* Lou Dianqiang 121821
Yuan Ren Shang *see* Shang Yuan Ren
Yuan Shi *see* Pan. J.J. 65071
Yuan Shi *see* Pan, J.J. 68404
Yuan Shi *see* Thirstrup, C. 65090
Yuan Shifu *see* Shifu Yuan
Yuan Shixin *see* Shixin Yuan
Yuan Sun *see* Kaya, I. 77549
Yuan Tang, Jian Chen, Chi Chang, Liu, D., Haddad, S., Yu Sun, Wang, A., Ramskey, M., Ming Kwong, Kinoshita, H., Wei-Han Chan, Jih Lien Different dependence of band-to-band and Fowler-Nordheim tunneling on source doping concentration of an n-MOSFET 115216
Yuan Tangci, Li Junqi On several problems in power network dispatch of electric power market 80873
Yuan Taur CMOS technology evolution: from 1 μm to 0.1 μm 84581
Yuan Wang Generalized input-output equations and nonlinear realizability 82365
Yuan Wang Feng *see* Wang Feng Yuan
Yuan Xiabu *see* Xiabu Yuan
Yuan Xiao *see* Liu Jinru 116344
Yuan Xiao *see* Zhao Xueqing 65013
Yuan Xiao-Jie *see* Xiao-Jie Yuan
Yuan Xiao-Ming *see* Xiao-Ming Yuan
Yuan Xiaodong *see* Huang Wenzhong 96202
Yuan Xin *see* Liu Jianye 101482
Yuan Xin *see* Xin Yuan
Yuan Xing Lee, Deng, R.H., Eng Hean Koh An on-the-fly decoding technique for Reed-Solomon codes 117199
Yuan Xing Lee, Krachkovskv, V., Bin Liu Modulation codes for precoded partial response channels 115819
Yuan Xing Lee *see* Krachkovsky, V.Yu. 117183
Yuan Xing Li, Sin Yun Hsu, Tsao, T. Codes for combating non-linearity in partial response channels 76768
Yuan Xingchao *see* Xingchao Yuan
Yuan Xu Jian *see* Xu Jian Yuan
Yuan Xu Pei *see* Xu Pei Yuan
Yuan Yan *see* Yan Yuan
Yuan Yanhong *see* Yanhong Yuan
Yuan Yeshu *see* Quan Taifan 108241
Yuan Youjin *see* Rao Yinong 69605
Yuan Youjin *see* Rao Yinong 69665
Yuan Youjin *see* Rao Yinong 120071
Yuan Yousheng *see* Wei Qidong 112421
Yuan Yuchun *see* Zhu Zhenqing 80802
Yuan Zhao Guang *see* Guang Yuan Zhao
Yuan Zhenyu, Ma Jianwei, Cui Dafu, Chen Zhenghao Photovoltaic, bicolor GaAs/AlGaAs quantum well infrared detector 110151
Yuan-Chi Chang, Zon-Yin Shae, Willebeek-LeMair, M.H. Multiparty videoconferencing using IP multicast 87873
Yuan-Ching Lue *see* Zheng-Ming Ge 120618
Yuan-Jui Chia *see* Chan-Shin Chou 99944
Yuan-Kuang Tu, Wei Lin, Jy-Wang Liaw, Hwang, C.J. Recent developments in photonic devices for telecommunication applications in Taiwan 119199
Yuan-Kuang Tu *see* Rong-Heng Yuang 119683
Yuan-Liang Wang, Bian, W., Zhu, Y., Suenaga, M., Thurston, T.R. Powder synthesis and fabrication of Ag-sheathed Bi-2223 tapes 64509
Yuan-Min Li *see* Essick, J.M. 105247
Yuan-Pei Lin, Vaidyanathan, P.P. Two-dimensional linear phase cosine modulated filter banks 117426
Yuan-Pin Yu *see* Martinez, R. 109257
Yuan-Sun Chu, Ching-Lung Chang, Lian-Jyi Lin, Kim-Joan Chen ATM AAL-2 chip design for video applications over ATM network 119426
Yuan-Sun Chu *see* Cheng-Shong Wu 118012
Yuan-Sun Chu *see* Tain-Lieng Kao 118512
Yuan-Tai Du *see* Hong Zhou 94554
Yuan-Tung Cheng *see* Hong-Twu Chen 97342
Yuan-Tzone Hsieh *see* Jung-Shyr Wu 109045
Yuan-Tzu Ting *see* Chauchin Su 72243
Yuan-Tzu Ting *see* Lih-Wen Laih 84360
Yuan-Yih Hsu, Chuan-Sheng Liu, Tain-Syh Luor, Chung-Liang Chang, Ah-Shing Liu, Yung-Tien Chen, Chiang-Tsung Huang Experience with the identification and tuning of excitation system parameters at the second nuclear power plant of Taiwan power company 71065
Yuan-Yih Hsu *see* Lin-Her Jeng 80948
Yuan-Zhao Yin Chaotic characteristics of electron motion in the static magnetic fields and self-fields of the electron beam 76347
Yuanda Shang *see* Shang Yuanda
Yuandong Ji *see* Hobbs, B.F. 70833
Yuane Qiu PandaPE: an efficient parasitic parameter extractor 82887
Yuanfang Huang *see* Huang Yuanfang
Yuanfu Zhao, Yuhong Hu, Rongliang Yan, Guoqiang Zhang, Diyuan Ren A thermal field oxidation process for ionizing radiation hardness 94736
Yuanfu Zhao *see* Guoqiang Zhang 84391
Yuang, M.C., Liu, J.C. PACCI: a high-performance MAC protocol for client-server-based gigabit LANs and MANs 67583
Yuang, M.C. *see* Chen, Y.G. 77792
Yuang, M.C. *see* Chen, Y.G. 118334
Yuang, R.-H., Chien, Y.-J., Shieh, J.-L., Chyi, J.-I. High-speed GaAs metal-semiconductor-metal photodetectors with recessed metal electrodes 89085
Yuang Rong-Heng *see* Rong-Heng Yuang
Yuang-Ming Hsu, Swartzlander, E.E., Jr. VLSI concurrent error correcting adders and multipliers using time shared TMR 61730
Yuang-Shung Lee, Kou-Cheng Hsu Shaft torsional oscillation of induction machine including saturation and hysteresis of magnetizing branch with an inertia load 71331
Yuanhua Deng, Goong Chen, Wei-Ming Ni, Jianxin Zhou Boundary element monotone iteration scheme for semilinear elliptic partial differential equations 103785
Yuankai Deng *see* Deng Yuankai
Yuankun Sun *see* Sun Yuankun
Yuanliang Ma *see* Renbiao Wu 108082
Yuanlong, M. *see* Yubin, G. 74076
Yuanlong Cai *see* Cai Yuanlong
Yuanlong Mo *see* Mo Yuanlong
Yuanlong Shen An improved method for symbolic reliability analysis 67780
Yuanlong Shen Computerization of the R-ABC algorithm 82886
Yuanlu Zhang *see* Zhang Yuanlu
Yuanyuan Yang A class of interconnection networks for multicasting 77618
Yuanyuan Yang, Masson, G.M. The necessary conditions for Clos-type nonblocking multicast networks 77775
Yuanzhang Sun, Chunxiao Sun, Zhifang Wang, Qiang Lu Voltage security enhancement using ASVG nonlinear control 80820
Yuanzhang Sun *see* Sun Yuanzhang
Yuanzhang Wang *see* Wang Yuanzhang
Yuanzhao, Y., Hejun, Y. Chaotic characteristics of electron motion in a plasma wave wiggler 76045
Yuanzhong Zhou *see* Shu Qin 105562
Yuasa, K., Nishimura, K., Hara, Y., Dobashi, Y. A low power consumption fluorescent lamp for LCD backlighting 112596
Yuasa, M. *see* Deffner, G. 89395
Yuasa, S., Otani, Y., Miyajima, H., Sakuma, A. Magnetic properties of bcc $FeRh_{1-x}M_x$ systems 64194
Yuasa, S. *see* Aigarabel, P.A. 64247
Yuasa, T., Watanabe, Y., Tamura, A., Ogata, T., Kuronuma, O., Akatsuka, T., Kamada, H. Development of interactive data processing system for in vivo ESR-CT imaging of bioradicals with L-band microwaves 70036
Yuasa, T. *see* Kobayashi, H. 114841
Yuasa, T. *see* Takeda, T. 69943
Yuasa, W. *see* Okamura, Y. 91794
Yuasa, Y. *see* Ishii, S. 119445

Yuasa, Y. *see* Izutani, S. 71032
Yuba, T. *see* Liming Wang 76165
Yuba, Y. *see* Sakakibara, K. 117165
Yubazaki, N., Otani, M., Muto, A., Ashida, T., Yi, J., Shi, Y., Hirota, K. Virtual paging fuzzy inference chip using interpolation algorithm 106122
Yubin, G., Yongdong, Z., Yuanlong, M., Jiahong, S. Research on mm-wave double staggered ladder coupling chain 74076
Yubin Gong *see* Wenxiang Wang 104805
Yubin He *see* He Yubin
Yubin Wu *see* Wu Yubin
Yubing Jia *see* Jia Yubing
Yucai Feng *see* Feng Yucai
Yucai Zhou *see* Yang, R.Q. 116512
Yuce, H.H. *see* Kurkjian, C.R. 84968
Yuce, H.H. *see* Kurkjian, C.R. 84972
Yucel, H., Cetiner, M.A., Demirel, H. Dependence of photon interaction depth on linear attenuation coefficient in high pure germanium detectors 69847
Yucheng Feng *see* Feng Yucheng
Yuchi Lin, Wei Gao, Kiyono, S. A self-calibration method for two dimensional displacement sensor 100329
Yuchu Lu *see* Lu Yuchu
Yuchuan Chen *see* Chen Yuchuan
Yuchui Jin *see* Jin Yuchui
Yuchun Yuan *see* Yuan Yuchun
Yucong Gu *see* Jinkang Zhu 68212
Yucong Gu *see* Gu Yucong
Yucui Li Field and imaging properties of two orthogonally polarized Gaussian optical beams with a nonlinear parabolic graded-index rod lens 65435
Yucui Li, Zhihao Chen Effects of nonlinear interaction on field and imaging properties of two orthogonally polarized beams with a nonlinear defocusing graded-index rod lens 96608
Yuda, M. *see* Aisawa, S. 88462
Yuda Hu *see* Hu Yuda
Yudasaka, I. *see* Hashizume, T. 89266
Yudasaka, I. *see* Matsuo, M. 89373
Yudelev, M. *see* Maughan, R.L. 101417
Yudin, G.Yu. *see* Kryuchin, A.A. 106772
Yudin, I. *see* Zhidkov, E.P. 85800
Yudin, L.I. *see* Mikhailov, V.G. 79828
Yudin, S. *see* Palto, S. 84689
Yudin, V.A. *see* Khattatov, B.V. 120783
Yudin, Yu.V. *see* Grigoriev, D.N. 120128
Yudong Hao *see* Hao Yudong
Yudong Li *see* Li Yudong
Yudong Liu *see* Reynoso, V.C.S. 74442
YuDong Ming *see* Hesketh, P.J. 95232
Yudong Zhu, Drangova, M., Pelc, N.J. Fourier tracking of myocardial motion using cine-PC data 70011
Yue, J. *see* Zheng, S. 105973
Yue, J.T. *see* Peng Fang 84585
Yue, J.T. *see* Pramanick, S. 115009
Yue, O.-C. *see* Wong, W.S. 99304
Yue, T.M., Jiang, C.Y., Xu, J.H., Lau, W.S. Laser fantasy: from machining to welding 85780
Yue, W. Analysis of channel capture effect in mobile packet radio networks 109470
Yue, W., Matsumoto, Y. Probability distribution of delay in cellular mobile networks with hand-off 99301
Yue, Y., Liou, J.J., Batarseh, I. An analytical insulated-gate bipolar transistor (IGBT) model for steady-state and transient applications under all free-carrier injection conditions 95004
Yue, Y., Liou, J.J., Batarseh, I. An analytical model for the insulated-gate bipolar transistor under all free-carrier injection conditions 105961
Yue, Y., Liou, J.J., Ortiz-Conde, A., Garcia Sanchez, F. Modeling high-level free carrier injection in advanced bipolar junction transistors 94913
Yue, Y., Liou, J.J., Ortiz-Conde, A., Sanchez, F.G. A comprehensive study of high-level free-carrier injection in bipolar junction transistors 94918
Yue, Y. *see* Liou, J.J. 94932
Yue, Y. *see* Liou, J.J. 95037
Yue Bing *see* Zhang Yimo 117816
Yue Chen, Chuang, J.C.-I. The effects of time delay spread on TCM in portable radio environments 68197
Yue Chen, Chuang, J.C.-I. The effects of time delay spread on TCM in portable radio environments 99335
Yue Chen, Chuang, J.C.-I. Comparison of QPSK and TCM schemes in frequency-selective fading channels 108182
Yue Chen, Chuang, J.C.-I. Blind equalization and its application to the PACS system 119079
Yue Chen *see* Ralph, S.E. 116203
Yue Hao *see* Hao Yue
Yue Huan *see* Huan Yue
Yue Jinjie *see* Zhang Jiayan 110400
Yue Kuo, Kozlowski, P.M. Polycrystalline silicon formation by pulsed rapid thermal annealing of amorphous silicon 94666
Yue Li *see* Lipo, T.A. 91437
Yue Liu *see* Liu, Y.S. 116287
Yue Liu *see* Liu Yue
Yue Luo *see* Luo Yue
Yue Ma *see* Ma Yue
Yue On-Ching *see* On-Ching Yue
Yue Ping Tang, Song Yue Tang Transient analysis of tapered lines based on the method of series expansion 116949
Yue Tang Song *see* Song Yue Tang
Yue Wang, Adah, T., Freedman, M.T., Mun, S.K. MR brain image analysis by distribution learning and relaxation labeling 70020
Yue Wang *see* Chi-Ming Lau 70084
Yue Wang *see* Xingling Zhou 85796
Yue Wu *see* Wu Yue
Yue Xuedong *see* Sun Luorui 90139
Yue Yang, Xiongying Ye, Zhaoying Zhou, Wei Fang, Yong Li A thermally actuated micropump 63987
Yue Yang *see* Yang Yue
Yue Zhang, Ghosal, S., Casstevens, M.K., Burzynski, R. Photorefractive composite materials with bi-functional charge transporting second-order nonlinear optical chromophores 84941
Yue Zhi-Jian *see* Zhi-Jian Yue
Yue-Dar Jou *see* Chung-Ming Kuo 87187
Yue-Fei Yang, Chung-Chi Hsu, Yang, E.S., Hai-Jiang Ou A high-frequency GaInP/GaAs heterojunction bipolar transistor with reduced base-collector capacitance using a selective buried sub-collector 114290
Yue-Huei Wu *see* Ming-Jer Kao 95036
Yue-Jin Tang, Shimizu, H., Kato, T., Hayakawa, N., Yokomizu, Y., Matsumura, T., Okubo, H., Kito, Y., Miyake, S., Kumano, T., Hatano, M., Satoh, K., Satoh, W. Performance of a 3000/6000 V, 1000 kVA class superconducting transformer developed for a prospective power transmission model system integrated under superconducting environment (PROMISE) 71383
Yue-Jin Tang *see* Shimizu, H. 102269
Yue-Liang Zhou *see* Zhou Yue-Liang
yue-qiu Han *see* Han yue-qiu
Yuechun Zhang *see* Jun Li 67387
Yuefei Wu, Anjanappa, M.A. Modeling of embedded magnetostrictive particulate actuators 113558
Yuefeng Liao *see* Shakal, A. 102620
Yuegong Zhang *see* Zhang Yuegong
Yueh, F.Y. *see* Singh, J.P. 89556
Yueh, S.H., Kwok, R., Shu-Hsiang Lou, Wu-Yang Tsai Sea ice identification using dual-polarized Ku-band scatterometer data 111293
Yueh, S.H., Wilson, W.J., Li, F.K. Modelling of wind direction signals in polarimetric sea surface brightness temperatures 120792
Yueh, S.H. *see* Nghiem, S.V. 120857
Yueh Chaur-Jou *see* Chaur-Jou Yueh
Yueh Liang Chung *see* Din Ping Tsai 95680
Yueh Liang Chung *see* Din Ping Tsai 116044
Yueh Ou Yang *see* Hon-Fai Yau 117841
Yueh-Huang Chang *see* Jieh-Tsorng Wu 74843
Yueh-Ru Yang, Chern-Lin Chen A self-excited half-bridge series-resonant ballast with automatic input current shaping 122070
Yuehua Zhou *see* Zhou Yuehua
Yuehui Jin *see* Jin Yuehui
Yuei-An Liou, England, A.W. Annual temperature and radiobrightness signatures for bare soils 90755
Yuejin Li *see* Li Yuejin
Yueli Tang *see* Tang Yueli
Yuelian Chen *see* Luguang Yan 95554
Yuelin Li, Pretzler, G., Fill, E.E., Nilsen, J. Temporally and spatially resolved investigation of the J=0-1 and J=2-1, 3p-3s laser emissions in neonlike germanium 65016
Yuelin Li *see* Moreno, J.C. 75818
Yuelin Li *see* Prag, A.R. 65020
Yuelin Wang *see* Wang Yuelin
Yuelin Wei *see* Wei Yuelin
Yuemin Cai *see* Tie Liu 118796
Yuen, C., Balderrama, E., Findley, W., Kirby, L., Lee, J., Sturzu, P. A 20 GHz MMIC power module for transmit phased array applications 93879
Yuen, H. DM-like differential chain code for handwriting and line graphics 67162
Yuen, H., Hanzo, L. Wireless multi-level graphical correspondence 78443
Yuen, H., Hanzo, L. A novel coding scheme for the transmission of on-line handwriting 86066
Yuen, H., To, T.P.J. Efficient variable rate vector quantization using quadtree segmentation 67362
Yuen, H. *see* Li, C.K. 67365
Yuen, H.P. Quantum amplifiers, quantum duplicators and quantum cryptography 97403
Yuen, K.S.Y. *see* Lam, T.S. 86827
Yuen, M., Wu, H.R. Performance comparison of loop filtering in generic MC/DPCM/DCT video coding 86592
Yuen, M.M.F. *see* Yeung, T.S. 60619
Yuen, M.M.F. *see* Yeung, T.S. 94111
Yuen, N., Friedlander, B. Asymptotic performance analysis of ESPRIT, higher order ESPRIT, and virtual ESPRIT algorithms 117320
Yuen, P.C., Feng, G.C. A novel method for parameter estimation of digital arc 98220
Yuen, P.C., Wong, Y.Y., Tong, C.S. Enhanced snakes algorithm for contour detection 77422
Yuen, S.M. *see* Lam, K.P. 93490
Yuen, T.D.B. *see* Darvell, B.W. 79237
Yuen, W. *see* Li, G.S. 65319
Yuen, W. *see* Vail, E.C. 116470
Yuen, W. *see* Wu, Y.A. 65321
Yuen, W.K. *see* Lee, Y.C. 96386
Yuen, W.T. *see* Tang, P.J.P. 114775
Yuen Kam Pooi *see* Pooi Yuen Kam
Yuen Teo Chang *see* Chang Yuen Teo
Yuen Won Chung *see* Chung Yuen Won
Yuen-Shung Chieh, Krusius, J.P., Green, D., Ozturk, M. Ultra-low resistance W/$\mathrm{Si}_{1-x}\mathrm{Ge}_x$/Si source-drain contacts 63461
Yuen-Shung Chieh, Krusius, J.P., Green, D., Ozturk, M. Low-resistance bandgap-engineered W/$\mathrm{Si}_{1-x}\mathrm{Ge}_x$/Si contacts 84222
Yueping Tang *see* Zheng Li 104414
Yueqiu Zhang *see* Zhang Yueqiu
Yuesheng Ling *see* Liyun Rao 107716
Yuesheng Xu, Yunhe Zhao An extrapolation method for a class of boundary integral equations 61071
Yuesheng Xu *see* Yangxian Li 83821
Yuesheng Xu *see* Xu Yuesheng
Yueuan, W. *see* Chen Huitang 110365
Yuewei Wang, Liu, J.C.L., Du, D.H.C., Hsieh, J. Video file allocation over disk arrays for video-on-demand 99787
Yuexian Zhong *see* Zhong Yuexian
Yuexin Wu *see* Wu Yuexin
Yuexin Yin, Wu, A.Y. Transient response of electric drives under utility upset conditions 91993
Yufei Bao, Sneh, A., Hsu, K., Johnson, K.M., Jian-Yu Liu, Miller, C.M., Monta, Y., McClain, M.B. High-speed liquid crystal fiber Fabry-Perot tunable filter 95864
Yufei Bao, Sneh, A., Hsu, K., Johnson, K.M., Jian-Yu Liu, Miller, C.M., Morita, Y. High-speed liquid crystal fiber Fabry-Perot tunable filter 75659
Yufei Chen, Evans, J.W. Thermal management of lithium/polymer-electrolyte batteries for electric vehicle application 81961
Yufei Chen, Evans, J.W. Thermal analysis of lithium-ion batteries 121858
Yufei Chen, Evans, J.W. Cool-down time of solid oxide fuel cells intended for transportation application 121867
Yufeng Li, Menon, A., Goglia, P. A flat-head/bump-disk apparatus for evaluating the accuracy of a flying height tester 115692
Yufeng Li *see* Li Yufeng
Yufeng Mu *see* Mu Yufeng
Yufeng Qiu *see* Qiu Yufeng
Yufera, A., Rueda, A. A switched-current incremental A/D converter 104634
Yufera, A., Rueda, A. A SI incremental A/D converter for IC sensor interfaces 110076
Yuferev, S. BIE-BLA formulation of 3-D skin effect problems for an arbitrary time dependence of an electromagnetic field source 107760
Yuferev, S., Ida, N. Application of approximate boundary conditions to electromagnetic transient scattering problems 65814
Yuferev, S., Yufereva, J. A new boundary element formulation of coupled electromagnetic and thermal skin effect problems for non-harmonic regimes of current passage 62369
Yuferev, S. *see* Ida, N. 107864
Yuferev, S. *see* Kost, A. 65697
Yufereva, J. *see* Yuferev, S. 62369
Yugami, J. *see* Kawahara, T. 73347
Yugami, N. *see* Kozawa, T. 89681
Yugami, N. *see* Shibata, K. 62542
Yugang Gan *see* Gan Yugang
Yuge, T. *see* Noguchi, K. 60699
Yuge, T. *see* Noguchi, K. 119661
Yugeng Xi *see* Weimin Yun 103680
Yugeng Xi *see* Xi Yugeng
Yuguang Luo *see* Kangsheng Chen 62618
Yuguo Mu *see* Mu Yuguo
Yuh, E.L., Harris, J.G.E., Eckhause, T., Wong, K.C., Gwinn, E.G., Kroemer, H., Allen, S. Far-infrared studies of induced superconductivity in quantum wells 105371
Yuh Hsu Ken *see* Ken Yuh Hsu
Yuh-Fwu Chou *see* Chau-Hwang Lee 116393
Yuh-Jen Cheng, Fanning, C.G., Siegman, A.E. Experimental observation of a large excess quantum noise factor in the linewidth of a laser oscillator having nonorthogonal modes 85452
Yuh-Jen Cheng *see* Fanning, G. 65140
Yuh-Kuang Tseng *see* Chung-Yu Wu 113924
Yuh-Lin Chang, Alonso, R. Developing a multimedia toolbox for the Khoros system 67901
Yuh-Lin Chang, Wenjun Zeng, Kamel, I., Alonso, R. Integrated image and speech analysis for content-based video indexing 99793
Yuh-Maoh Sun, Wen-Jang Jiang, Meng-Chyi Wu Optical properties of GaSb alloys and photodiodes grown by liquid-phase epitaxy 95961
Yuh-Ming Ferng, Chien-Hsiung Lee Assessment of the simulation capability of RELAP5/MOD3 compared with IIST tests for loss of the residual heat removal system during midloop operation 121327
Yuh-Ming Ferng, Tay-Jian Liu, Chien-Hsiung Lee RELAP5/MOD3 simulation of the station blackout experiment conducted at the IIST facility 121329
Yuh-Ming Huang *see* Ja-Ling Wu 108475
Yuh-Ming Huang *see* Jiun-Jie Huang 108421
Yuh-Sheng Jean, Ching-Yuan Wu A new extraction algorithm for the metallurgical channel length of conventional and LDD MOSFETs 63739
Yuhaku, S. *see* Tomura, Y. 104979
Yuhan, A.H. Telecommunications management network system modeling technology in a multi-vendor environment for a maximum interoperability 77883

Yuhara, A. *see* Shiba, T. 84740
Yuhara, A. *see* Shiba, T. 109329
Yuhara, T. *see* Komachiya, M. 100050
Yuhas, C.M. *see* Bernstein, L. 118267
Yuheng, P., Songyan, C., Weiyou, C. Modified-doping and large number of wells in strained multi-quantum-well lasers 65195
Yuheng Peng *see* Peng Yuheng
Yuheng Shi *see* Shi Yuheng
Yuheng Xu *see* Xu Yuheng
Yuheng Zhang *see* Qianwang Chen 74259
Yuheng Zhang *see* Shuyuan Zhang 94590
Yuheng Zhang *see* Yi Xie 92661
Yuhong Hu *see* Guoqiang Zhang 84391
Yuhong Hu *see* Yuanfu Zhao 94736
Yuhong Li *see* Li Yuhong
Yuhua Cheng, Fjeldly, T.A. Unified physical I-V model including self-heating effect for fully depleted SOI/MOSFET's 94958
Yuhua Cheng, Min-Chie Jeng, Zhihong Liu, Kai Chen, Mansun Chan, Chenming Hu, Ping Keung Kox An investigation on the robustness, accuracy and simulation performance of a physics-based deep-submicronmeter BSIM model for analog/digital circuit simulation 114142
Yuhua Cheng *see* Kai Chen 95012
Yuhua Gu, Yuan, J.S. Gate-oxide thickness effects on hot-carrier-induced degradation in n-MOSFETs 105962
Yuhua Peng *see* Peng Yuhua
Yuhua Tao *see* Tao Yuhua
Yuhya, S., Hiraoka, M. Prototype fabrication of a superconducting magnet using Bi-2212 Ag-sheathed tape 84919
Yuhya, S. *see* Fukunaga, T. 84870
Yui, K. *see* Qiao, X. 104116
Yui, Y. *see* Baumbaugh, B. 80030
Yui Man Lui, Heng-Da Cheng A new peak selection criterion based on minimizing the classification error 117744
Yuille, A. *see* Song Chun Zhu 117557
Yuille, A.L. *see* Epstein, R. 117685
Yuin-Hong Liu Low frequency oscillation and torsional vibration 80761
Yuin-Hong Liu A preliminary study on parallel paths flow control [power system load flow] 80844
Yuin-Hong Liu *see* Liu Yuin-Hong
Yujiang Wang *see* Qihua Shen 89188
Yujie Han *see* Han Yujie
Yujin Chung *see* Jin-Ho Shin 93794
Yujin Qi *see* Qi Yujin
Yujiri, L., Harnett, L.N. A novel passive millimeter wave traffic sensor 100107
Yujiri, L. *see* Dow, G.S. 89157
Yujun Fang, Moore, R.K. Inflight vertical antenna patterns for SIR-C from Amazon rain-forest observations 111127
Yujun Mo *see* Yong-Jik Park 114562
Yujun Qian *see* Qian Yujun
Yuk, T.I. *see* Lo, F.L. 87854
Yuk, T.I. *see* Lo, F.L. 118037
Yuk, T.I. *see* Lo, F.L. 118772
Yuk Chow Lee Relative loading in brachytherapy for the uterine cervix using a high dose rate stepping source 120489
Yuk Jong Seol *see* Jong Seol Yuk
Yuk Tak Chow *see* Kin Seng Chiang 64752
Yuk Tong Lee *see* Dewey, R. 109556
Yuk-Lun Chan, Weihua Zhuang Modified TH-precoding with constant amplitude for indoor wireless system using QPSK 108116
Yukan Yang *see* Yang Yukan
Yukang Ye, Tufa Yu, Siang Bing Wu DC-40 GHz MMIC switches 83528
Yukawa, K. *see* Ishide, A. 80556
Yukawa, M., Asaoka, M., Takahara, K., Ohshiro, T., Kurokawa, K. Estimation of photovoltaic module temperature rise 121890
Yukawa, T., Khalid, M., Uchiyama, M., Inooka, H., Ohashi, T., Obinata, G., Kagaya, H., Shimada, Y. Modular hybrid functional electrical stimulation system 80494
Yukawa, T. *see* Ugai, Y. 106872
Yukich, J.N. *see* Raman, G. 116237
Yukimatsu, K.-I. *see* Hino, S. 78327
Yukimura, K. *see* Sakakibara, S. 107487
Yukino, T., Nagai, T. Verification of transmission-line fault section locating equipment 70999
Yukseker, O. *see* Jones, L.A. 84186
Yuksel, M.E., Kara, S., Taspinar, N. Time-dependent ARMA modeling of continuous wave ultrasonic Doppler signals 120402
Yukun Lin *see* Lin Yukun
Yukun Tsai *see* Bajaj, S. 98680
Yukun Tsai *see* Doverspike, R. 98681
Yukutake, S. *see* Ohkuma, S. 93356
Yul Choi Chung *see* Chung Yul Choi
Yulan Liu *see* Liu Yulan
Yulan Tan *see* Bu-Xin Xu 95544
Yulan Yu *see* Yu Yulan
Yuldashev, A.A. *see* Abdurakhmanov, A. 119867
Yuldashev, M.B. *see* Fominykh, V.I. 69875
Yuldashev, N.Kh. *see* Aiibzhonov, M. 114611
Yuldashev, O.I. *see* Zhidkov, E.P. 85800
Yuldashev, Sh.U. *see* Khabibulaev, P.K. 81915
Yuldasheva, M.B. *see* Zhidkov, E.P. 85800
Yule, T.J. *see* Micklich, B.J. 80138
Yule Zhong *see* Zhong Yule
Yuliang Gao *see* Gao Yuliang
Yuliang He, Hong Liu, Mingbin Yu, Xiao Mei Yu The structure characteristics and piezoresistance effect in hydrogenated nanocrystalline silicon films 113455
Yuliang He *see* Mingbin Yu 83805
Yuliang Liu *see* Liu Yuliang
Yuliang Yao *see* Yao Yuliang
Yulin, A.V. *see* Kurin, V.V. 75361
Yulin, S.A. *see* Artyukov, I.A. 69907
Yulin Ju *see* Yangxian Li 83820
Yulin Ju *see* Yangxian Li 83821
Yulin Ju *see* Ju Yulin
Yuling Wang *see* Xunchun Li 94855
Yulong Shao Functional testability measures based on information flow 113932
Yulong Shao, Zhaoda Zhu A new method of phase unwrapping for InSAR 119318
Yulu Qi *see* Qi Yulu
Yum, E. *see* Aldridge, B. 63950
Yum, T.-S. *see* Leung, Y.-W. 78136
Yum, T.-S.P. *see* Chan, K.-M. 98511
Yum, T.-S.P. *see* Yeung, K.L. 78448
Yum, T.-S.P. *see* Yeung, K.L. 78458
Yum, T.-S.P. *see* Yeung, K.L. 78580
Yum, T.S. *see* Wong, W.S. 99304
Yum Bong-Jin *see* Bong-Jin Yum
Yum Jae Hoon *see* Jae Hoon Yum
Yumashev, K.V., Prokoshin, P.V., Malyarevich, A.M., Mikhailov, V.P. Kinetics of nonlinear absorption in a reduced strontium titanate single crystal under picosecond excitation conditions 85577
Yumei Rao *see* Rao Yumei
Yumei Wei *see* Wei Yumei
Yumei Wen *see* Wen Yumei
Yumiba, H., Satoh, K., Imagawa, H., Suzuki, T., Tanaka, T. Advanced intelligent network technologies for the next-generation communications switching system: NS8000 series 98822
Yumiba, K., Yoneda, K. Prior assessment system of chemical product related to product safety 103526
Yumiba, T. *see* Matsushima, T. 121870
Yumin Feng *see* Zhigang Liu 118626
Yumin Gao *see* Gao Yumin
Yumin Wan *see* Wan Yumin
Yumin Wang *see* Wang Yumin
Yumine, M. *see* Fukui, Y. 89371
Yuming Cui *see* Delong Zhang 116420
Yuming Gao *see* Gao Yuming
Yuming Geo *see* Geo Yuming
Yuming Liu, Moylan, P.J. An approach to estimating the traffic of a dynamic packet-switched network 87287
Yuming Lu, Brodersen, R. Unified power control, error correction coding and scheduling for a CDMA downlink system 88109
Yuming Zhang *see* Yimen Zhang 84495
Yumoto, H., Onozumi, S., Kato, Y., Ishihara, M., Kishi, K. VLS growth of ITO whiskers prepared by the electron shower method 61155
Yumoto, H. *see* Ishihara, M. 113500
Yumoto, M. *see* Uesaka, Y. 110798
Yun, B.I., Lee, S., Choi, U.J. A modified boundary integral method on open arcs in the plane 61082
Yun, D.Y.Y., Chen-Garcia, H.M. Sharing computational resources and medical images via ACTS-linked networks 88437
Yun, D.Y.Y., Chen, H.-M. Satellite network in remote cooperative image-based applications 109593
Yun, D.Y.Y. *see* Tse Cheng 98001
Yun, E.J., Win, W., Walser, R.M. Complex anisotropies in sputtered $Co_{90}Fe_{10}$ alloy thin films 64230
Yun, E.J. *see* Rengarajan, S. 115625
Yun, E.J. *see* Win, W. 64228
Yun, H.-J., Kim, J.C., Kim, Y.H., Ahn, C. Constrained-VBR hierarchical coding of DTV and HDTV 68878
Yun, K., Park, D., Shin, H. Partitioning for hardware-software codesign 113920
Yun, K.Y. Automatic synthesis of extended burst-mode circuits using generalized C-elements 113876
Yun, K.Y., Beerel, P.A., Arceo, J. High-performance two-phase micropipeline building blocks: double edge-triggered latches and burst-mode select and toggle circuits 113909
Yun, K.Y. *see* Beerel, P.A. 113875
Yun, L. *see* Yongxiang, L. 61441
Yun, L.-S. *see* Chen, K. 101182
Yun, M. *see* Pan, M. 105826
Yun, N.T., Kim, H.K., Kim, H.C., Kim, I.T. An in-line gun with a double-slot beam-forming region developed for flat square 110° CRTs 83723
Yun, S.-M. *see* Kim, J.-H. 63465
Yun, S.I. *see* Ju, J.J. 107164
Yun, T.Y., Park, M.S., Han, J.H., Watanabe, I., Makita, K. 10-gigabit-per-second high-sensitivity and wide-dynamic-range APD-HEMT optical receiver 99570
Yun, W.S. *see* Kim, S.H. 113460
Yun, X.P. *see* Bachmann, E.R. 88790
Yun, Z.Q., Tan, B.D., Huang, J. A comparison of different transfer matrices for the calculation of an inverse problem using BEM 101387
Yun, Z.Q., Tan, B.D., Huang, J. Alternative vector potential formulations for magnetostatics 107752
Yun Caihua *see* Yun Xiaohua 62230
Yun Chong-Man *see* Chong-Man Yun
Yun Chun Young *see* Young Yun Chun
Yun Dazhen *see* Dazhen Yun
Yun Dong Hyun *see* Dong Hyun Yun
Yun Feng, Zong Hua, Min Hao, Tong Jiarong, Tang Pushan On hardware implementation of VLSI mask verification algorithms 63862
Yun Feng *see* Feng Yun
Yun Gi Ho *see* Gi Ho Yun
Yun Gi-Ho *see* Gi-Ho Yun
Yun Gong, Fan, M.K.H. An exterior path following method on semidefinite programming 113185
Yun Hee Cho *see* Byung Hyug Roh 113942
Yun Hee-Joong *see* Hee-Joong Yun
Yun Hi Lee *see* Chang Gi Ko 114513
Yun Hi Lee *see* Min Gi Kwak 85292
Yun Hi Lee *see* Nyung Kun Kim 85288
Yun Hsu Sin *see* Sin Yun Hsu
Yun Il Dong *see* Il Dong Yun
Yun Jeong Eui *see* Jeong Eui Yun
Yun Jeong Mi *see* Mi Yun Jeong
Yun Kim Tai *see* Tai Yun Kim
Yun Lee Kang *see* Kang Yun Lee
Yun Lee Sang *see* Sang Yun Lee
Yun Liang, Kruge, R.A. Response to "Comment on 'Dual-slice spiral versus single-slice spiral scanning: Comparison of the physical performance of two computed tomography scanners'" [Med. Phys. **23**, 205-220 (1996)] 120392
Yun Liu *see* Qingchun Zhao 85694
Yun Long Lay, Rong Seng Chang, Ter-Chin Chern, Hui-Jen Yang Testing of small germanium plano-convex lens using neural networks 100359
Yun Long Lay *see* Rong Seng Chang 76291
Yun Nian Bair *see* Bair Yun Nian
Yun Sang Won *see* Sang Won Yun
Yun Sang-Ki *see* Sang-Ki Yun
Yun Sangwon *see* Sangwon Yun
Yun Seek-Min *see* Seek-Min Yun
Yun Seok Hyun *see* Seok Hyun Yun
Yun Seong Jin *see* Seong Jin Yun
Yun Sung Jae *see* Sung Jae Yun
Yun Sung-Hyun *see* Sung-Hyun Yun
Yun Sup Shin *see* Hong Jin Kong 65172
Yun Tae Yeoul *see* Tae Yeoul Yun
Yun Teak Hwang *see* Hong Seub Kim 82703
Yun Wang *see* Leobandung, E. 63820
Yun Wang *see* Wang Yun
Yun Wang Hui *see* Hui Yun Wang
Yun Weimin *see* Weimin Yun
Yun Xiaohan *see* Xiaohan Yun
Yun Xiaohua, Yun Caihua, Zhou Baihua, Zhang Guochun MM-wave wide-band ultralinear sweep source 62230
Yun Yau Wei *see* Wei Yun Yau
Yun Youngwoo *see* Youngwoo Yun
Yun Yuan Jin *see* Jin Yun Yuan
Yun Yusik *see* Yusik Yun
Yun Zhenqing *see* Huang Jian 96924
Yun Zhenqing *see* Huang Jian 102810
Yun Zhenqing *see* Huang Jian 107766
Yun Zhenqing *see* Huang Jian 107774
Yun-Hi Lee *see* Heung-Woo Park 114512
Yun-Hsin Liao *see* Da-Yuan Shih 112936
Yun-Jeong Song Improved disparity estimation algorithm with MPEG-2's scalability for stereoscopic sequences 109879
Yun-Jiang Rao, Jackson, D.A. Recent progress in fibre optic low-coherence interferometry 89115
Yun-Ko Chien *see* Kimblin, C.W. 91680
Yun-Ko Chien *see* Shea, J.J. 62550
Yun-Ko Chien *see* Shea, J.J. 71589
Yun-Ling Lou *see* Chang, C.Y. 111171
Yun-Phil Eo *see* Seok-Hee Hwang 83794
Yun-Sang Oh, Sang-Jin Lee, Kyeong-Dal Choi, Kang-Sik Ryu, Tae-Kuk Ko The design, construction and operational characteristics of the superconducting persistent current switch 75371
Yun-Sang Oh *see* Sang-Jin Lee 81156
Yun-Sang Oh *see* Sang-Jin Lee 106716
Yun-Shan Chang, Li, S.S. Modeling and parameter extraction of gate-all-around nMOS/SOI transistors in the linear region 74716
Yun-Sie Lim *see* Han-Seok Lee 97830
Yunakovskii, A.D. *see* Fil'chenkov, S.E. 83298
Yunan Sun *see* Sun Yunan
Yunbo Zhou *see* Zhou Yunbo
Yuncai Wang *see* Wang Yuncai
Yunck, T.P. *see* Kursinski, E.R. 70484
Yunfei En *see* En Yunfei
Yunfeng Zhao *see* Zhao Yunfeng
Yung, A.K.N. *see* Hon-Tat Hui 107986
Yung, E.K.N. *see* Chan, S.Y. 73116
Yung, E.K.N. *see* Chan, S.Y. 93153
Yung, E.K.N. *see* Chen, R.S. 114292
Yung, E.K.N. *see* Hui, H.T. 108001
Yung, E.K.N. *see* Weigan Lin 97245
Yung, E.K.N. *see* Zhang, D.G. 73620
Yung, M. *see* Bellare, M. 117161
Yung, M. *see* Cramer, R. 76821
Yung, M. *see* Jakobsson, M. 97501
Yung, M. *see* Mayer, A. 87795
Yung, M. *see* Young, A. 97528
Yung, N.H.C., Lai, A.H.S. Performance evaluation of a feature-preserving filtering algorithm for removing additive random noise in digital images 117573
Yung, N.H.C., Lai, A.H.S., Poon, K.M. Modified CPI filter algorithm for removing salt-and-pepper noise in digital images 86555
Yung, W.K.C. An integrated model for manufacturing process improvement 94042

Yung Chii Liang *see* Liang Yung Chii
Yung Chongzhi, Dai Guorui, Wang Liding, Sun Liangyan An analysis of oscillation period in self-heating sensor resistance 69367
Yung Hao Lin, Chao Sung Lai, Chung Len Lee, Tan Fu Lei, Tien Sheng Chao Nitridization of the stacked poly-Si gate to suppress the boron penetration in pMOS 74489
Yung Hwan Oh *see* Hwan Jin Choi 66599
Yung Hwan Oh *see* Sung Joo Kim 97608
Yung Hyun Moon, In Sung Lee, Eung Hyuk Lee, Tae Hoon Roh The derivation of the energy function reflecting generator governor second order complete model 111530
Yung Liou Textured diamond growth by microwave plasma chemical vapor deposition 61323
Yung Mok Baek, Jong Won Seek, Sung Il Chien, Chan Sik Hwang The vectorization and recognition of circuit symbols for electronic circuit drawing management 82832
Yung Moti *see* Moti Yung
Yung Park, Yoonho Kim The dielectric temperature characteristic of additives modified barium titanate having core-shell structured ceramics 75022
Yung Park, Yoonho Kim, Ho-Gi Kim The effect of stress on the dielectric-temperature characteristics of core-shell grain structure 106349
Yung Sup Yoon *see* Kyoung Won Kim 110170
Yung Sup Yoon *see* Seong Jun Kang 84683
Yung Yip *see* Pan, T. 115713
Yung-An Kao *see* Sau-Gee Chen 62042
Yung-Chang Lee *see* Berseth, W. 85202
Yung-Cheng Chang, Lih-Hsing Hsu On minimal cost-reliability ratio spanning trees and related problems 113111
Yung-Cheng Lee, Swirhun, S.E., Fu, W.S., Keyser, T.M., Jewell, J.L., Quinn, W.E. Thermal management of VCSEL-based optoelectronic modules 96300
Yung-Cheng Lee *see* Morozov, V.N. 116282
Yung-Chieh Hsieh, Gadetsky, S.N., Mansuripur, M., Takahashi, M. A dynamic study of domain formation mechanism during thermomagnetic recording based on micro-Hall effect measurements 75236
Yung-Gil Kim *see* Sookyung Kim 109946
Yung-Gu Zoo *see* Hyun-Eoi Shin 107288
Yung-Hoo Sheen *see* Sang-Lak Lee 99790
Yung-Hsiang Chen, Kuo-Tsai Chen, Yan-Hua Chaing Plate-damping measurements in a single reverberation room 69581
Yung-Hwan Oh *see* Sang-Mun Chi 108202
Yung-Joon Hah *see* Tae-Woo Lee 91291
Yung-Kuang Chen, Shien-Kuei Liaw, Wann-Yih Guo, Sien Chi Multiwavelength erbium-doped power limiting amplifier in all-optical self-healing ring network 68490
Yung-Kuang Chen *see* Shien-Kuei Liaw 75866
Yung-Kwon Sung *see* Bok-Gil Choi 79283
Yung-Ming Hou *see* Lin, J.C. 71046
Yung-Pin Lee *see* Yeong-Kang Lai 104582
Yung-Sheng Chen *see* Bor-Tow Chen 108456
Yung-Sung Son *see* Sang-Yun Yi 64728
Yung-Te Lai, Pan, K.-R.R., Pedram, M. OBDD-based function decomposition: algorithms and implementation 93222
Yung-Tien Chen *see* Yuan-Yih Hsu 71065
Yung-Yaw Chen, Da-Ching Lu, Win-Li Lin, Chi-Hung Chen Estimation of power intensity distribution with artificial neural network for ultrasound hyperthermia 80435
Yung-Yuan Yang *see* Varada, S. 109039
Yungkwon Sung *see* Yoonjong Huh 113936
Yungsoo Jang *see* Kyungho Lee 93943
Yungtaek Jang, Erickson, R.W. Design and experimental results of a 6 kW single-switch three-phase high power factor rectifier using multi-resonant zero current switching 71445
Yungtaek Jang *see* Maksimovic, D. 81572
Yunguang Zheng *see* Zheng Yunguang
Yunguaug Zheng *see* Shurong Li 94914
Yunhe Zhao *see* Yuesheng Xu 61071
Yunhong Ma, Smedley, K.K. Switching flow graph nonlinear modeling method for multi-state switching converters 71411
Yunhong Ma *see* Zheren Lai 71459
Yunhua Shi *see* Shi Yunhua
Yunhyun Cho *see* Cho Yunhyun
Yuning Duan *see* Duan Yuning
Yuning Sun, Xiaming Wang, WanChun Shi An object-oriented intelligent computer-integrated IC test software system 82836
Yunjia Yu *see* Luguang Yan 95554
Yunjiang Pan *see* Pan Yunjiang
Yunkang Liu On the θ-method for delay differential equations with infinite lag 72683
Yunliang Cai *see* Cai Yunliang
Yunlong Sheng *see* Goncalves Neto, L. 116765
Yunlong Sheng *see* Neto, L.G. 95850
Yunlong Sheng *see* Roberge, D. 117756
Yunlong Sheng *see* Yao Li 66944
Yunlong Sun *see* Barcey, R. 115306
Yunlu Zou, Pedrini, G., Tiziani, H. Surface contouring in a video frame by changing the wavelength of a diode laser 76283
Yunlun Chen *see* Chen Yunlun
Yunmian Ling *see* Ling Yunmian
Yunmo Chung *see* Chae Gon Oh 104569
Yunn, B. *see* Liu, H. 90083
Yunn, B.C. Dark currents for CEBAF linacs 89874
Yunn, B.C., Rui Li, Simrock, S. RESOLVE at CEBAF 89946
Yunnghee Kim *see* Asai, M. 79148
Yunoshev, S.P. *see* Bityutskii, O.I. 60685
Yunpeng, L. *see* Enze, L. 73931
Yunpeng Liu *see* Liu Yunpeng
Yunping Chen *see* Chen Yunping
Yunping Li *see* Li Yunping
Yunping Yang *see* Dongsheng Wang 69499
Yunqi Liu, Qu Liang, Yu Xu, Fushen Chen, Daoben Zhu Synthesis of an amphiphilic metalloporphyrin and a novel gas sensor fabricated with Langmuir-Blodgett films 79592
Yunqi Liu *see* Xuezhong Jiang 75767
Yunqing Cai *see* Cai Yunqing
Yunqing Jiang *see* Jiang Yunqing
Yunrong Wei *see* Wei Yunrong
Yuntao Cui, Weng, J. Learning-based object segmentation for fovea images 86805
Yunteng Huang, Temes, G.C., Ferguson, P.F. Reduced nonlinear distortion in circuits with correlated double sampling 104296
Yunteng Huang, Temes, G.C., Ferguson, P.F. Novel high-frequency track-and-hold stages with offset and gain compensation 104745
Yunus, D. *see* Nion Sock Chang 117053
Yunus, H.I., Bass, R.M. Comparison of VSI and CSI topologies for single-phase active power filters 121729
Yunxian Huang, Wei Yan Dynamic control of communication systems based on simple recurrent neural networks 118000
Yunxiang Hong *see* Zheyuan Zhang 84481
Yunxiang Zhang *see* Dongsheng Wang 69499
Yunxin Zhao *see* Xinhua Zhuang 108493
Yunyong Wang *see* Wang Yunyong
Yunzian Song *see* Song Yunzian
Yuo-Hsien Shiau, Yi-Chen Cheng Boundary effect induced nonhysteretic transition caused by saddle-node bifurcation on a limit cycle in n-GaAs 83832
Yup Jun Sang *see* Sang Yup Jun
Yupherov, V.B. *see* Sidorenko, V.D. 95552
Yupinov, Y. *see* Valentinov, A. 89926
Yupongchaey, N. *see* Sriyudthsak, M. 79578
Yupu Liu *see* Liu Yupu
Yupu Wu *see* Wu Yupu
Yuqi Jin *see* Jin Yuqi
Yuqian Duan *see* Duan Yuqian
Yuqin Cai *see* Cai Yuqin
Yuqing Chai *see* Chai Yuqing
Yuqing Peng *see* Peng Yuqing
Yuqiu Gu *see* Gu Yuqiu
Yuqu Gu *see* Gu Yuqu
Yuquan Hao *see* Peigang Li 84758
Yura, H.T., Hanson, S.G. Effects of receiver optics contamination on the performance of laser velocimeter systems 116788
Yura, H.T., Hanson, S.G., Lading, L. Comparison between the time-of-flight velocimeter and the laser Doppler velocimeter for measurements on solid surfaces 107683
Yura, S. *see* Takai, M. 83740
Yurchenko, N.I. *see* Borovich, B.L. 116373
Yurchenko, S. *see* Sbiaa, R. 115614
Yurchenko, Y.S. *see* Grishin, Y.P. 66724
Yurchevskii, E.B. *see* Mamet, A.P. 121335
Yurdakul, A., Dundar, G. A new hybrid algorithm for the over-the-cell routing problem 113636
Yuren Xia *see* Xia Yuren
Yur'ev, M.S. *see* Dutov, A.I. 85358
Yur'ev, M.S. *see* Dutov, A.I. 85367
Yur'ev, M.S. *see* Dutov, A.I. 107082
Yur'ev, M.S. *see* Dutov, A.I. 116354
Yur'ev, V.A. *see* Astaf'ev, O.V. 62694
Yur'ev, V.F. *see* Alishev, Ya.V. 108035
Yurevich, N.M. *see* Nazarov, A.A. 98488
Yurevich, V. *see* Faschingbauer, U. 110557
Yuri, M., Yagi, K., Yamada, T., Onuki, H. Polarization characteristics of polarizing undulator radiation installed in the electron storage ring NIJI-II 89633
Yuri, M. *see* Saito, T. 85273
Yuri, M. *see* Takayama, T. 65272
Yuri, M. *see* Takayama, T. 116270
Yuri Kim *see* Bumsoo Han 79911
Yuri Kim *see* Keeman Kim 79771
Yurke, B. *see* Greywall, D.S. 63972
Yurkevich, B.M. *see* Veiko, V.P. 104103
Yurkevich, V.M. Miniature unit for measuring the loss-angle tangent in the insulation of high-voltage equipment 68970
Yurkevich, V.M. Unit for measuring distances to charged cables 81102
Yurkevich, V.M. Contactless high-voltage measurement 119822
Yurkin, A.M. *see* Antsigin, V.D. 96686
Yurkina, A.Yu. *see* Galkin, S.L. 88503
Yurkov, M.V. *see* Brefeld, W. 96530
Yurkov, M.V. *see* Dolbilov, G.V. 94192
Yurkov, M.V. *see* Dolbilov, G.V. 96490
Yurkov, M.V. *see* Fateev, A.A. 89608
Yurkov, M.V. *see* Rossbach, J. 85546
Yurkov, M.V. *see* Saldin, E.L. 96519
Yurkov, M.V. *see* Saldin, E.L. 96539
Yurkov, M.V. *see* Saldin, E.L. 96549
Yurkov, M.V. *see* Saldin, E.L. 96550
Yurkov, M.V. *see* Saldin, E.L. 107393
Yurmanov, V.A., Amosov, M.M., Mamet, V.A. The water chemistry of VVER reactors during shutdowns of power-generating unit 121281
Yurong Ma *see* Ma Yurong
Yurovskii, Yu.F. *see* Vavriv, D.M. 117366
Yurre, T.A. *see* Kamanin, A.V. 105557
Yuryshev, N.N. Chemically pumped oxygen–iodine laser 85374
Yuryshev, N.N. *see* Pazyuk, V.S. 116320
Yuryzhev, A.S. *see* Boriskin, A.S. 71216
Yusa, K. *see* Hashimoto, Y. 73174
Yusa, K. *see* Hashimoto, Y. 73176
Yusa, K. *see* Kitamura, K. 73175
Yusa, K. *see* Yamanaka, S. 79632
Yushan Luo *see* Luo Yushan
Yushan Tan *see* Wenyi Chen 67161
Yushan Tan *see* Tan Yushan
Yushchenko, A.G. *see* Poplavko, Y.M. 64086
Yushen Zhao *see* Jian Fang 76583
Yusheng, C. *see* Hanqing, Y. 76526
Yusheng, C. *see* Jingfu, B. 73679
Yusheng Shan *see* Shan Yusheng
Yusheng Shen *see* Tianshu Zhang 100158
Yusheng Tang *see* Tang Yusheng
Yusheng Xue *see* Xue Yusheng
Yushi Fei *see* Fei Yushi
Yushi Sun *see* Young-Kil Shin 96933
Yushi Sun *see* Zuorong Zhang 61503
Yushin, N.K. *see* Ivanov, P.A. 104055
Yushin, N.K. *see* Maltsev, A.A. 103818
Yushkevich, A.A. A note on asymptotics of discounted value function and strong 0-discount optimality 113097
Yushkov, G.Yu. *see* Nikolaev, A.G. 114500
Yushkov, Yu.G. *see* Boyarchuk, K.A. 101578
Yushkova, O.V. Restoration of the parameters of a stratified medium 107849
Yushu Liu *see* Liu Yushu
Yushu Zhan *see* Zhan Yushu
Yushuang Cai *see* Qihua Shen 89188
Yushuang Cai *see* Cai Yushuang
Yusik Yun *see* Seungwon Choi 78461
Yusim, A. *see* Delfyett, P.J. 96231
Yusof, N.B.M., Yew, L.T. OLSPCS application in Malaysian based semiconductor manufacturing companies 92176
Yusupova, R.D. *see* Mirzabaev, M. 102518
Yuta, H. *see* Abe, K. 69708
Yuta, H. *see* Abe, K. 69726
Yuta, H. *see* Hara, H. 100880
Yuta, H. *see* Takamatsu, H. 80041
Yuta, H. *see* Takamatsu, H. 100907
Yuta, S. *see* Ohya, A. 80689
Yutani, A., Shiraki, Y. Transport properties of n-channel Si/SiGe modulation-doped systems with varied channel thickness: effect of the interface roughness 74354
Yutani, A. *see* Nayak, D.K. 106032
Yutanova, E.Yu. *see* Bespalov, V.G. 75794
Yutao Chen *see* Chen Yutao
Yutao Feng *see* Gelenbe, E. 120308
Yutao Zhu *see* Zhu Yutao
Yutian Sun *see* Sun Yutian
Yutian Wang *see* NuoFu Chen 113374
Yutian Wang *see* Wang Yutian
Yuuki, A. *see* Horikawa, T. 113935
Yuuki, A. *see* Horikawa, T. 115444
Yuuki, A. *see* Nishioka, Y. 73337
Yuuki, A. *see* Yamamuka, M. 72870
Yuung-Jih Chen, Shi-Jinn Horng Efficient operations of mathematical morphology on binary images 97925
Yuura, H. *see* Nakayama, M. 83431
Yuura, H. *see* Yamamoto, K. 78534
Yuuzu, T. *see* Kaneda, A. 90564
Yuuzu, T. *see* Sugata, F. 90565
Yuvarajan, S. *see* DaFeng Weng 70657
Yuwen Qin *see* Xinlin Qing 61499
Yuwen Zhang *see* Zhang Yuwen
Yuwono Budi *see* Budi Yuwono
Yuxia Zheng *see* Zheng Yuxia
Yuxiang Ma *see* Ma Yuxiang
Yuxiang Shi *see* Shi Yuxiang
Yuxiang Zheng *see* Zheng Yuxiang
Yuxing Peng *see* Peng Yuxing
Yuxing Zhang *see* Zhang Yuxing
Yuxu Yeh, Qingji Zeng Exact solution to the electric field of the double-sided electrode structure in a lead lanthanum zirconated titanate transverse electro-optic modulator 95815
Yuya, S. *see* Katagiri, K. 64521
Yuyin Zhao *see* Zhao Yuyin
Yuying Li, Santosa, F. A computational algorithm for minimizing total variation in image restoration 77265
Yuying Li *see* Coleman, T.F. 92546
Yuyun Liao, Walker, D.M.H. Optimal voltage testing for physically-based faults 104487
Yuza, H. *see* Mesaki, Y. 89294
Yuzaki, H. *see* Morikawa, R. 88968
Yuzawa, K. *see* Suzuki, T. 79156
Yuzhakov, A.A. *see* Nazarov, A.A. 82410
Yuzhakov, A.A. *see* Zorkaltsev, A.V. 110048
Yuzhang Liu, Tan Yu, Fangchun Yang, Junliang Chen Personal service: really putting the telephone users in the driver's seats 118555
Yuzhang Liu *see* Liu Yuzhang
Yuzhe Chen *see* Rosser, S.G. 112943
Yuzhen Li *see* Li Yuzhen

Yuzhen Shen, Qirong Xing, Jiying Shi, Qingyue Wang Reshaping high-power ultrashort laser pulses by use of self-focusing 107494
Yuzhen Shen, Qirong Xing, Jiying Shi, Qingyue Wang Study of saturated chirped-pulse amplification and recompression 107495
Yuzhen Shen *see* Shen Yuzhen
Yuzheng Ding *see* Gong, J. 61559
Yuzheng Lin *see* Lin Yuzheng
Yuzhi Zhang *see* Bahar, E. 90754
Yuzhuo Zhong *see* Zhong Yuzhuo
Yuzue, M., Yokomori, T. iOX100 digital cordless system application to data communication services 99350
Yvert, B., Bertrand, O., Echallier, J.F., Pernier, J. Improved dipole localization using local mesh refinement of realistic head geometries: an EEG simulation study 110825
Yvinec, Y., Thiesse, B. Estimating the fundamental matrix from phase based 2D disparity 86833
Yvon, K. Hydrogen, a versatile energy carrier: are hydrogen stores the energy stores of the future? 103048
Yvon, K. Hydrogen, a versatile energy carrier: new metal hydrides for storage of hydrogen 103049
Ywh-Ren Tsai *see* Chyi-Nan Wu 98416
Yzuel, M.J., Hild, R., Campos, J., Escalera, J.C. Study of the influence of nonuniform pupils in photolithographic systems through the Apparent Transfer Function 116195
Yzuel, M.J. *see* Ahouzi, E. 98160
Yzuel, M.J. *see* Ahouzi, E. 108647
Yzuel, M.J. *see* Corbalan, M. 67385
Yzuel, M.J. *see* Hild, R. 85242
Yzuel, M.J. *see* Millan, M.S. 117536
Yzuel, M.J. *see* Moreno, I. 86976
Yzuel, M.J. *see* Moreno, I. 117707
Yzuel, M.J. *see* Styczynski, K. 77394

Zaag, P.J.van der *see* van der Zaag, P.J.
Zaamout, M.S. *see* Najjar, Y.S.H. 71148
Zabalawi, I.H. *see* El-Naqa, I.M. 101207
Zaban, A. *see* Aurbach, D. 81660
Zaban, A. *see* Mengeritsky, E. 102950
Zabberoni, F. *see* Freschi, G. 98842
Zabel, H. *see* Ankner, J.F. 64364
Zabel, H. *see* Spoddig, D. 64370
Zabel, I.H.H., Jezek, K.C., Gogineni, S.P., Kanagaratnam, P. Search for proxy indicators of young sea ice thickness 80666
Zabel, T.H. *see* Ziegler, J.F. 79837
Zabele, S., Rohall, S.L., Vinciguerra, R.L. High performance infrastructure for visually-intensive CSCW applications 67740
Zabele, S. *see* Koifman, A. 87470
Zabierowski, J. *see* Calen, H. 120194
Zabih, R., Miller, J., Mai, K. Video browsing using edges and motion 86413
Zabin, A. *see* Al-Nashash, H. 80383
Zabinski, J.S. *see* Voevodin, A.A. 82722
Zabinski, J.S. *see* Voevodin, A.A. 92807
Zablotney, J. Software simulates military communications 90877
Zabludowski, A. *see* Bujnowski, S. 88034
Zabludowski, A. *see* Bujnowski, S. 88035
Zabrodin, I.G. *see* Gorbunov, A.A. 92917
Zabudskii, E.E. *see* Brigadnov, I.Yu. 69388
Zacatelco, L.H.C., Merino, L.R.M.M.D., Ortiz, M.E.C.M.I.M., Flores-Verdad, G.E. AnGeLa: a smart tool for the automatic layout generation of analog cells 73068
Zaccanti, G. *see* Gai, M. 111225
Zaccaria, R. *see* Giuffrida, F. 108865
Zaccaria, R. *see* Piaggio, M. 119876
Zaccarini, F. *see* Paraboni, A. 99439
Zaccherini, C. *see* Morgan, S. 115016
Zacek, J. Simulation of power semiconductor systems as an educational tool 61632
Zach, F.C. *see* Ertl, H. 61603
Zach, F.C. *see* Kolar, J.W. 71444
Zach, F.C. *see* Kolar, J.W. 121674
Zacharakis, V. *see* Ferzali, W. 68320
Zachariah, K.J. *see* Finch, J.W. 121436
Zachariah, K.J. *see* Flynn, D. 81393
Zachariah, M.R. *see* Amato-Wierda, C. 61417
Zachariah, S.G., Sanders, J.E., Turkiyyah, G.M. Automated hexahedral mesh generation from biomedical image data: applications in limb prosthetics 80487
Zacharias, M., Blaesing, J., Loehmann, M., Christen, J. Formation of Ge nanocrystals in amorphous GeO$_x$ and SiGeO$_x$ alloy films 94277
Zacharias, R.A. *see* Poggio, A.J. 70389
Zachariou, A. *see* Barnham, K. 102982
Zachary, L. *see* Cappa, P. 69518
Zachary, W.W. *see* Mahmood, M.F. 85029
Zachary, W.W. *see* Mahmood, M.F. 116626
Zachau-Christiansen, B. *see* Juhl, M. 81806
Zachau-Christiansen, B. *see* West, K. 81682
Zachco, R. *see* Baratella, P. 101712
Zachos, N., Kosmatopoulos, C., Laopoulos, T. A wireless network of remote measuring stations: application in water level monitoring 68045
Zaciu, R., Lamba, C., Burlacu, C., Nicula, G. Image compression using an overcomplete discrete wavelet transform 108425
Zackrisson, B., Karlsson, M. Matching of electron beams for conformal therapy of target volumes at moderate depths 90589
Zada, F. *see* ElKonyaly, E.H. 88683
Zadorozhnii, V.I., Kornienko, N.E., Konopaltseva, L.I., Sytcheva, A.M., Chubinskii, N.V. Wide-band tunable and multiple noncritical phase-matchings in nonlinear optics 96687
Zadorozhnyi, A.I. *see* Kuranov, V.P. 109824
Zaengl, W. *see* Piemontesi, M. 75051
Zafalon, R., Guardiani, C., Rossi, M.C., Rambaldi, R. Forward power annotation on physical layout floor-plan 115344
Zafar, S. *see* Attar, G. 112369
Zafarana, R. *see* Scandurra, A. 112913
Zafeiriou, E., Wurz, D. Numeric simulation of heat transfer processes in rotating regenerators 111765
Zaffanella, L.E. *see* Yilu Liu 91166
Zaffaroni, A. *see* Jeyakumar, V. 82462
Zafiriou, E., Chiou, H.-W., Adomaitis, R.A. Nonlinear model based run-to-run control for rapid thermal processing with unmeasured variable estimation 63207
Zafirova, B. *see* Andreev, A. 75450
Zafra, P.M.R. *see* Gass, S.I. 113087
Zagan, Z. *see* Magdziarz, A. 82128
Zaganiaris, A. *see* Ferrero, U. 98911
Zaganiaris, A. *see* Olsen, B.T. 78788
Zaganiaris, A. *see* Olsen, B.T. 98910
Zaganidis, N. *see* Akesson, T. 69833
Zagar, B. *see* Ferrara, K.W. 69980
Zagar, B.G. Very high resolution laser interferometer for strain gage 69508
Zagarij, L.B., Vidaj, Y.T. The effect of different factors on the nonproportionality of the light yield of scintillators 100886
Zagarij, L.B., Vinograd, E.L., Vidaj, Y.T. Elongate X-ray detectors for application in security inspection systems 120184
Zagarij, L.B. *see* Viday, Y.T. 100884
Zagarino, P. *see* Thomas, M.C. 79521
Zagarino, P. *see* Thomas, M.C. 79522
Zaghib, K., Tatsumi, K., Abe, H., Ohsaki, T., Sawada, Y., Higuchi, S. Optimization of electrochemical properties of graphite whisker for use as negative electrode in lithium ion rechargeable batteries by control of whisker dimensions 81668
Zaghib, K. *see* Tatsumi, K. 81666
Zaghloul, A.I. *see* Williams, A.E. 88238
Zaghloul, A.I. *see* Williams, A.E. 119124
Zaghloul, M.E. *see* Ali, H.H. 73615
Zaghloul, M.E. *see* Milanovic, V. 104881
Zaghloul, M.E. *see* Yentis, R., Jr. 93644
Zagidulin, R.V. Certain topographic aspects of the magnetic fields of discontinuities 113584
Zagidulin, R.V. Calculation of classification features of continuity defects of finite extent in ferromagnetic articles 113599
Zagidullin, M.V., Nikolaev, V.D., Svistun, M.I., Safonov, V.S., Ufimtsev, N.I. The study of buffer gas mixing with active gas on chemical oxygen-iodine laser performance with jet type SOG 107061
Zagidullin, M.V., Nikolaev, V.D., Svistun, M.I., Ufimtsev, N.I. Predicted and measured output parameters of high pressure jet SOG 116323
Zaginaylov, G.I. *see* Gandel', Yu.V. 62606
Zago, M.G. *see* Garcia, A.V. 102081
Zagolski, F. *see* Demarez, D.V. 120907
Zagozdzon-Wosik, W., Korablev, K., Rusakova, I., Simons, D., Shi, J.I., Chi, P., Wolfe, J.C. Formation of shallow junctions during rapid thermal processing from electron-beam deposited boron sources 114901
Zagumennyi, A.I., Mikhailov, V.A., Shcherbakov, I.A. Crystals for end-diode-pumped lasers 96189
Zagumennyi, A.I., Zavartsev, T.D., Studenikin, P.A., Shcherbakov, I.A., Umyskov, F., Popov, P.A., Ufimtsev, V.B. GdVO$_4$ crystals with Nd^{3+}, Tm^{3+}, Ho^{3+}, Er^{3+} ions for diode pumped microchip laser 96216
Zagumennyi, A.I. *see* Awad, H.R.I. 107186
Zagumennyi, A.I. *see* Kozlov, V.A. 96224
Zagumennyi, A.I. *see* Umyskov, A.F. 85444
Zagumennyi, A.I. *see* Umyskov, A.F. 116450
Zagumennyi, A.I. *see* Zavartsev, Yu.D. 75887
Zagwijn, P.M. *see* Nishiyama, A. 61209
Zah, C.E., Amersfoort, M., Favire, F., Rajhel, A., Lin, P.S.D., Andreadakis, N.C., Bhat, R., Caneau, C., Koza, M.A., Pathak, B., Gamelin, J., Lee, T.P. InP-based multiwavelength laser arrays with integrated combiners for WDM systems 68417
Zah, C.E., Amersfoort, M.R., Pathak, B., Favire, F., Lin, P.S.D., Rajhel, A., Andreadakis, N.C., Bhat, R., Caneau, C., Koza, M.A. Wavelength accuracy and output power of multiwavelength DFB laser arrays with integrated star couplers and optical amplifiers 76034
Zah, C.E., Bhat, R., Lee, T.P. High-temperature operation of AlGaInAs/InP lasers 1994 65225
Zah, C.E. *see* Gamelin, J. 88652
Zah, C.E. *see* Lee, T.-P. 78880
Zahab, A., Firlej, L., Brocard, F., Kirova, N. Field-induced metal diffusion into C$_{60}$ thin films 62699
Zaharescu, T., Caramitu, L., Iliescu, F. Influence of thermal ageing on electrical properties of ethylene-propylene elastomers 64029
Zahariev, A.L. *see* Dimitrov, D.A. 99917
Zaharov, L., Jr. *see* Stepanov, G.V. 85261
Zahar'yash, T.I. *see* Ovsyuk, V.N. 64931
Zahawi, B.A.T.Al *see* Al Zahawi, B.A.T.
Zahedi, A. Technical problems in relation to an entirely renewable energy-based electricity supply system 102360
Zahedi, E., Farahani, H. Graphical simulation of artificial hand motion with fuzzy EMG pattern recognition 120527
Zaheer-Udden, M. *see* Zheng, G.R. 71919
Zaherdoust, P. *see* Bizjak, G. 90962
Zaherdoust, P. *see* Lerch, E. 111442
Zahid Mahmud *see* Wong, C.C. 74987
Zahirniak, D.R., DeSimio, M.P. Time series prediction: statistical and neural techniques 92424
Zahka, J. *see* Parekh, B. 84195
Zahka, J. *see* Parekh, B. 94803
Zahn, B. *see* Fink, H. 91686
Zahn, D.R.T. *see* Drews, D. 74182
Zahn, D.R.T. *see* Schneider, A. 74465
Zahn, G. *see* Libeyre, P. 95518
Zahn, M., Mountanous, P. MPEG-2 and SDI form backbone of new global video standard 109901
Zahn, M. *see* Washabaugh, A.P. 71376
Zahn, R., Schlott, M. Active antenna for X-band space SAR 68653
Zahn, R.W. The design of a future X-band synthetic aperture radar 68631
Zahn, U.von *see* von Zahn, U.
Zahnow, D. *see* Gialanella, L. 100639
Zahorian, S.A., Zongyao Zhou, Correal, N.S. Comparison of minimum misclassification error (MME) networks with least mean square error (LMS) networks 76911
Zahorian, S.A. *see* Norton, C.A., III 76843
Zahorian, S.A. *see* Nossair, Z.B. 76844
Zahorowski, W., Whittlestone, S. A fast portable emanometer for field measurement of radon and thoron flux 101574
Zahraman, K. *see* Gibart, P. 112394
Zahzouh *see* Mathoorasing, D. 119134
Zahzouh, M., Rumelhard, C., Krakowski, M. Nonlinear simulation and measurement of microwave fibre-optic links 109689
Zai-Guang Li *see* Jun Li 73976
Zaidan, M.Y., Barnes, C.F., Wicker, S.B. Applications of TCM with σ-tree constellations over the AWGN channel 66315
Zaidi, H. Organ volume estimation using SPECT 80336
Zaidi, H. *see* Csapo, E. 62403
Zaidi, M.K. *see* Mincher, B.J. 120561
Zaidi, S.H. *see* Dixson, R. 115280
Zaidi, S.M.H. *see* Singh, R.K. 60786
Zaidi, Z.H. *see* Khan, Z.H. 105202
Zaidman, E.G., Jensen, K.L., Kodis, M.A. Field emitter array analysis for the design of inductive output amplifiers 62624
Zaidman, E.G., Jensen, K.L., Kodis, M.A. A, B, and C characterization of gated FEAs for RF device performance 73998
Zaidman, E.G., Jensen, K.L., Kodis, M.A. A, B, and C characterization of gated field emission arrays for radio frequency device performance 83745
Zaidman, E.G., Jensen, K.L., Phillips, P.M., Kodis, M.A. Boundary element simulation of electron trajectories for a field emitter 105013
Zaidman, E.G. *see* Freund, H.P. 105074
Zaidman, E.G. *see* Freund, H.P. 105078
Zaidman, E.G. *see* Jensen, K.L. 73929
Zaidman, E.G. *see* Jensen, K.L. 83734
Zaidman, E.G. *see* Jensen, K.L. 83735
Zaidman, E.G. *see* Jensen, K.L. 104995
Zaidman, E.G. *see* Kodis, M.A. 62625
Zaidman, E.G. *see* Kodis, M.A. 83744
Zaidman, E.G. *see* Kodis, M.A. 105009
Zaidman, E.G. *see* Phillips, P.M. 74056
Zaifu Wei *see* Wei Zaifu
Zaifu Zhang, McLeod, R.D. An efficient multiple scan chain testing scheme 93305
Zaifu Zhang, McLeod, R.D., Bridges, G.E. Statistical estimation of delay fault detectabilities and fault grading 61819
Zaifu Zhang, Wieler, R., Jonatschick, G., Poskar, H. Synthesizing testability features into a design with the Synopsys Test Compiler 73047
Zaiguang Li *see* Li Zaiguang
Zaike, K. *see* Kurioka, H. 70980
Zaikin, A.E. *see* Grinev, A.Iu. 66163
Zaikin, A.E. *see* Levin, A.V. 107641
Zaikin, A.P. Self-wave processes in a wide-aperture laser with an additional nonlinear component 85559
Zailer, I., Frost, J.E.F., Chabasseur-Molyneux, V., Ford, C.J.B., Pepper, M. Crosslinked PMMA as a high-resolution negative resist for electron beam lithography and applications for physics of low-dimensional structures 105748
Zailu Huang *see* Shugong Xu 117969
Zailu Huang *see* Shugong Xu 118021
Zailu Huang *see* Yongming Wang 117951
Zailu Huang *see* Huang Zailu
Zaima, E. *see* Okabe, S. 81612
Zaima, E. *see* Okabe, S. 102796
Zaima, E. *see* Okabe, S. 102897
Zaima, E.-I., Mochizuki, A., Fukiyama, N., Hojo, J.-I., Ishii, M. Observation of lightning by time-of-

arrival type lightning location system (LPATS) 121249
Zaima, S. *see* Iwano, H. 104025
Zaima, S. *see* Shinoda, H. 105466
Zain, A.A., Rajan, B.S. Reed-Solomon group codes 66491
Zainal, Z., Hussein, M.Z., Ghazali, A. Cathodic electrodeposition of SnS thin films from aqueous solution 94438
Zaini, M. *see* Paliwal, B.R. 120505
Zainud-Deen, S.H. On null steering in rectangular planar array using external elements 97379
Zainud-Deen, S.H., Awadalla, K.H., Sharshar, H.A. Analysis of normal mode helical antenna on finite ground plane 97347
Zaiping Nie *see* Xiaoguang Chen 70451
Zaiping Nie *see* Nie Zaiping
Zaitsev, A. *see* Alvsvaag, S.J. 90124
Zaitsev, A. *see* Werner, M. 83972
Zaitsev, A.M. *see* Popovici, G. 84090
Zaitsev, B.D., Ermolenko, A.V., Fedorenko, V.A., Kuznetsova, I.E. New devices for processing of powerful short-duration single microwave pulses 89473
Zaitsev, B.D., Fedorenko, V.A., Kuznetsova, I.E. Control properties of nonlinear acoustic materials 84695
Zaitsev, E.V. *see* Barysheva, N.M. 116331
Zaitsev, K.N. *see* Mikerov, V.I. 88928
Zaitsev, M.V., Levchenko, E.V., Arkad'ev, B.A. Selection of the steam turbine alternative depending on the operating conditions 71142
Zaitsev, M.V. *see* Drizhuk, A.G. 64968
Zaitsev, M.V. *see* Drizhuk, A.G. 75744
Zaitsev, M.V. *see* Drizhuk, A.G. 96030
Zaitsev, M.V. *see* Drizhuk, A.G. 107011
Zaitsev, N.I. *see* Volkov, A.B. 114538
Zaitsev, S. *see* Ledentsov, N.N. 63081
Zaitsev, S.V. *see* Georgievski, A.M. 85570
Zaitsev, S.V. *see* Kop'ev, P.S. 107351
Zaitsev, S.Y. *see* Ksenevich, T.I. 69328
Zaitsev, V.V., Zaitsev, V.V. Analysis of MAP speckle suppression algorithms 111085
Zaitsev, V.V. *see* Zaitsev, V.V. 111085
Zaitseva, N.P. *see* Esengaliev, A.B. 106309
Zaitseva, N.V. *see* Afanas'ev, V.P. 95266
Zaitseva, N.V. *see* Lemanov, V.V. 113358
Zaitseva, N.V. *see* Osipov, A.P. 110226
Zaitsu, T., Ninomiya, T., Shoyama, M., Tanaka, H. PWM-controlled current-mode resonant converter using an active-clamp technique 121571
Zaitsu, T., Shigehisa, T., Shoyama, M., Ninomiya, T. Piezoelectric transformer converter with PWM control 61607
Zaiwang Dong *see* Dong Zaiwang
Zaixuan Zhang *see* Zhang Zaixuan
Zaizhong Sang *see* Sang Zaizhong
Zajac, A., Sassano, A. Two SAW filters for wireless phone systems: CDMA and DECT 99146
Zajac, A. *see* Zendzian, W. 107170
Zajac, G.W. *see* Busta, H.H. 83755
Zajac, M. *see* Juszczyk, W. 102880
Zajac, M. *see* Magiera, L. 116774
Zajac, W. *see* Orzel, S. 112543
Zajac, W. *see* Szelag, A. 112530
Zajakin, O.A. *see* Belopukhov, V.N. 110361
Zajakin, O.A. *see* Belopukhov, V.N. 119632
Zajc, B., Zemva, A. Test generation for technology-specific faults in multi-output combinational modules 113926
Zajc, B. *see* Zemva, A. 61870
Zajc, M. *see* Tasic, J.F. 113239
Zajdel, R. Neural networks and fuzzy logics systems. II 114176
Zajicek, J. *see* Job, C. 73102
Zajtchuk, R., Goeringer, F., Mun, S.K. *(editors)* Proceedings of the National Forum: Military Telemedicine On-Line Today Research, Practice, and Opportunities 72073
Zakarevichius, R.A. *see* Balevichius, S. 75379
Zakaria, W.S., Alwash, S.R., Shaltout, A.A. A novel double-circuit-rotor balanced induction motor for improved slip-energy recovery drive performance. I. Modeling and simulation 112467
Zakaria, W.S., Shaltout, A.A., Alwash, S.R. A novel double-circuit-rotor balanced induction motor for improved slip-energy recovery drive performance. II. Experimental verification and harmonic analysis 112468
Zakaria, W.S. *see* Alwash, S.R. 91829
Zakarian, A. *see* Kusiak, A. 72346
Zakarin, E. *see* Gitelson, A. 120885
Zakel, E. *see* Aschenbrenner, R. 82264
Zakel, E. *see* Aschenbrenner, R. 94119
Zakharchenko, I.N. *see* Alyoshin, V.A. 115421
Zakharchenko, R.V. *see* Vorobiev, Y.V. 94281
Zakharchenko, V.N. *see* Vorobiev, Y.V. 94281
Zakharchenko, Y.F., Torgoashov, G.V., Gulyaev, Y.V., Sinitsyn, N.I., Nefedov, I.S., Zhbanov, A.I., Il'in, E.M. Two-stage distributed amplifier on field emitter arrays 83742
Zakharchenko, Yu.F., Torgashov, G.V., Gulyaev, Yu.V., Sinitsyn, N.I., Nefedov, I.S., Zhbanov, A.I., Il'in, E.M. Two-stage distributed amplifier on field emitter arrays 74004
Zakharchenko, Yu.F. *see* Chernozatonskii, L.A. 73941
Zakharchenko, Yu.F. *see* Chernozatonskii, L.A. 83709
Zakharchenya, B.P. *see* Bresler, M.S. 75720
Zakharenko, A.B. *see* Lopukhina, E.M. 71308
Zakharenkov, L.F. *see* Kozlovskii, V.V. 84083
Zakharov, A.P. *see* Arkhipov, I.I. 62684
Zakharov, A.P. *see* Lomidze, M.A. 74544
Zakharov, G.A. *see* Gulamova, M.A. 81874
Zakharov, V.A. Demagnetization factors in a system of magnetic bodies 64275
Zakharov, V.A. *see* Gorkunov, E.S. 115653
Zakharov, V.M. *see* Bukharaev, R.G. 67185
Zakharov, V.P. *see* Prokhorov, A.M. 70216
Zakharov, V.V., Arhipov, G.G., Batalov, N.N., Yolshin, A.N. Powerful high-temperature Li-NiCl$_2$ primary battery 112192
Zakharov, Yu. Testing of relief with the submicron accuracy by Lippmann-Bragg holography 85746
Zakharov, Yu., Kodanev, V. Underwater acoustic data transmission in shadow zones with pseudorandom waveforms 67934
Zakharova, A., Vasko, F.T. Population inversion in narrow-gap heterostructures due to the interband tunneling 83894
Zakharova, A. *see* Gergel, V. 114725
Zakhary, S.Z. *see* Sackey, T. 80832
Zakhar'yash, V.F., Klement'ev, V.M., Malinin, S.A., Timchenko, B.A., Khamoyan, A.G. A compact waveguide submillimeter laser with an optical pump 85380
Zakhar'yash, V.F. *see* Bagaev, S.N. 116349
Zakharyash, V.F. *see* Bagayev, S.N. 96113
Zakhidov, A.A. *see* Yoshino, K. 106650
Zakhidov, R.A., Kiseleva, E.I., Orlova, N.I., Tadzhiev, U.A. Numerical modeling of wind flow conditions and wind-electric plant operation 81360
Zakhidov, R.A., Kiseleva, E.I., Orlova, N.I., Tadzhiev, U.A. Operation of horizontal wind electric plants in regions of the arid zone 102528
Zakhleniuk, N.A. *see* Kochelap, V.A. 105089
Zakhor, A. Emerging video compression technologies 86313
Zakhor, A. *see* Chang, E. 87922
Zakhor, A. *see* Motamed, M. 93531
Zakhor, A. *see* Motamed, M. 114016
Zakhor, A. *see* Taubman, D. 97898
Zakhor, A. *see* Yong Liu 63498
Zaki, A.M., Eskander, M.N. Matching of photovoltaic motor-pump systems for maximum efficiency operation 92008
Zaki, A.M. *see* Eskander, M.N. 112646
Zaki, K.A. *see* Chi Wang 97241
Zaki, K.A. *see* Levy, R. 83314
Zaki, K.A. *see* Yao, H.-W. 83317
Zaki, M., Bonsall, A., Batarseh, I. Performance characteristics for the series-parallel resonant converter 71552
Zaki, M., Ghalwash, A., Elkouny, A.A. CNN: a speaker recognition system using a cascaded neural network 86147
Zaki Ewiss, M.A., Abu Mansoor, S.A. Electrical, IR spectroscopy, and DTA studies of some sodium tetraborate glasses containing vanadium oxide 105206
Zako, A., Miyauchi, Y., Koga, A., Tomimasu, T. A hybrid type undulator for far infrared FELs at the FELI 96484
Zako, A. *see* Kobayashi, A. 96534
Zako, A. *see* Miyauchi, Y. 96464
Zako, A. *see* Tomimasu, T. 76063
Zako, A. *see* Tomimasu, T. 107395
Zakosarenko, V. *see* Schultze, V. 95485
Zakrevskii, V.A. *see* Berezhansky, V.B. 95295
Zakrzewska, K. *see* Radecka, M. 72899
Zakrzewski, A. *see* Suski, T. 74227
Zakrzewski, J. A new magnetoelastic transducer for torque and force measurement 110125
Zakrzewski, K., Tomczuk, B. Magnetic field analysis and leakage inductance calculation in current transformers by means of 3-D integral methods 71393
Zakrzewski, K., Tomczuk, B. 3D magnetic field distribution of yoke flux in three-phase transformers without ferromagnetic tanks 81524
Zaks, S. *see* Gerstel, O. 87508
Zakutin, V.V. *see* Dovbnya, A.N. 90081
Zakutin, V.V. *see* Tur, Yu.D. 89603
Zaldo, C. *see* Alfonso, J.E. 75520
Zaldo, C. *see* Alfonso, J.E. 92867
Zalesskii, V.B. *see* Vetokhin, S.S. 89110
Zalesskii, V.G. *see* Bursian, E.V. 116718
Zalessky, V.B., Pilipovich, V.A., Korzhik, M.V., Missevich, O.V., Fyodorov, A.A., Lopatik, A.R., Gorodishenin, N.L., Shvarkov, D.S., Dolgopolov, A.V., Shagin, P.M., Singovsky, A.V., Sugoniaev, V.P., Peigneux, J.-P., Mendiburu, J.P., Nedelec, P., Sillou, D., Vialle, J.P. PbWO$_4$ scintillators with new avalanche photodiode readout for high-energy physics 80056
Zalessky, V.B., Pilipovich, V.A., Korzhik, M.V., Missevich, O.V., Fyodorov, A.A., Lopatik, A.R., Gorodishenin, N.L., Shvarkov, D.S., Dolgopolov, A.V., Shagin, P.M., Singovsky, A.V., Sugoniaev, V.P., Peigneux, J.-P., Mendiburu, J.P., Nedelec, P., Sillou, D., Vialle, J.-P. PbWO$_4$ scintillators with new avalanche photodiode readout for high-energy physics 100890
Zaleta, D., Patra, S., Ozguz, V., Ma, J., Lee, S.H. Alignment tolerancing of free-space MCM-to-MCM optical interconnects 85343
Zalevsky, I.D. *see* Avetisjan, G.H. 99978
Zalevsky, I.D. *see* Chelny, A.A. 96314
Zalevsky, Z., Mendlovic, D. Fractional Wiener filter 95923
Zalevsky, Z., Mendlovic, D. Fractional Radon transform: definition 98265
Zalevsky, Z., Mendlovic, D., Ferreira, C. Invariant pattern recognition filter based on the wavelet transform 117539
Zalevsky, Z., Ouzieli, I., Mendlovic, D. Wavelet-transform-based composite filters for invariant pattern recognition 86894
Zalevsky, Z. *see* Garcia, J. 98015
Zalevsky, Z. *see* Lohmann, A.W. 86961
Zalevsky, Z. *see* Mendlovic, D. 67448
Zalevsky, Z. *see* Mendlovic, D. 98013
Zalevsky, Z. *see* Mendlovic, D. 117537
Zalewski, W. *see* Nazarko, J. 102119
Zalicki, P. *see* Wahl, E.H. 72929
Zalik, B., Guid, N., Clapworthy, G. Constraint-based object modelling [CAD] 72222
Zalis, K. Dielectric diagnostics in service–from databases to expert systems 102647
Zalkikar, J.N. *see* Papadopoulos, A.S. 113031
Zalkikar, J.N. *see* Tiwari, R.C. 113030
Zallat, J. *see* Zouak, M. 68614
Zalloua, P. ATM inverse multiplexing: Time for IMA 118704
Zalm, P.C. *see* Oostra, D.J. 105556
Zalnoski, J. *see* Black, A. 112977
Zalucki, Z. *see* Janiszewski, S. 62562
Zaluska, E. *see* Bergamaschi, F.A. 88710
Zaluzny, M., Bondarenko, V. Influence of the depolarization effect on third-harmonic generation in quantum wells 65504
Zalyubovskii, I.I., Koba, V.S., Kovtun, V.E., Kuznichenko, A.V., Lebedev, V.N., Markley, F., Seminozhenko, V.N., Senchishin, V.G. Improving the radiation resistance of polystyrene scintillators 69797
Zama, F. *see* Baronio, A. 87149
Zama, H., Furen Wang, Koyama, S., Shiohara, Yu., Morishita, T. Surface characterization of YBa$_2$Cu$_3$O$_x$(001) single-crystal substrates for homoepitaxial growth 64500
Zama, T. *see* Saito, T. 79427
Zamalin, E.Yu., Gridneva, G.N. The effect of reactive ion etching on the porosity and charge of silicon dioxide films 63378
Zaman, P., Patrikar, S.J., Goel, M., Bharadwaj, V., Das, A., Sharma, D.K., Vasi, J. RADCAP: A MOS capacitor simulator for radiation effects 106179
Zaman, P. *see* Ekbote, S. 106011
Zamani, J.S. Computer simulation of converter fed synchronous machine drives containing space harmonics 112479
Zamani, M., Savvidis, E. A real-time personal neutron dosemeter based on PIPS diodes and a double layer neutron converter 70277
Zamaraev, B.D. *see* Roenko, A.N. 120882
Zamaraev, B.D. *see* Vasilyev, Yu.F. 120662
Zambo, R. *see* Cleland, J. 98866
Zamboni, R. *see* Cacialli, F. 75759
Zamboni, R. *see* Sberveglieri, G. 69370
Zambonin, P.G. *see* De Benedetto, G.E. 110240
Zamborsky, E. BGAs in the assembly process 82202
Zambrano, E. *see* Shvartsberg, B. 121802
Zambrano Duque, C. *see* Torre Stella, M. 103191
Zambusi, M. *see* Geraci, A. 69888
Zambusi, M. *see* Geraci, A. 100923
Zamdmer, A.N. *see* Verghese, S. 95944
Zamir, R., Berger, T. Remote coding of correlated sources with high resolution 66358
Zamir, R., Feder, M. On lattice quantization noise 76787
Zamir, R., Feder, M. Information rates of pre/post-filtered dithered quantizers 97543
Zamiri-Jafarian, H., Pasupathy, S. Adaptive state allocation in MLSE for Rayleigh fading channels 108387
Zamkotsian, F., Sato, K., Okamoto, H., Kishi, K., Kotaka, I., Yamamoto, M., Kondo, Y., Yasaka, H., Yoshikuni, Y., Oe, K. Monolithic integration of MQW modulators on an optical multiplexer on InP for 100 Gb/s transmission 119195
Zammattio, S. *see* Phillips, W.A. 62304
Zammit, M.J. *see* Gebizlioglu, O.S. 88460
Zammit, U. *see* Wright, O.B. 83875
Zamora, I. *see* Mazon, A.J. 71011
Zamora, I. *see* Minambres, J.F. 121143
Zamora, L.E. *see* Gonzalez, J.M. 84788
Zampa, N. *see* Arfelli, F. 110579
Zampa, N. *see* Barbiellini, G. 69722
Zampa, N. *see* Beole, S. 110562
Zampardi, P.J., Dee-Son Pan Delay of Kirk effect due to collector current spreading in heterojunction bipolar transistors 105919
Zampardi, P.J. *see* Hanington, G. 94917
Zampardi, P.J. *see* Ho, M.C. 62271
Zampardi, P.J. *see* Ruai Yu 119164
Zamperoni, P. *see* Cortelazzo, G. 67029
Zampieri, A. *see* Benotto, F. 69866
Zampieri, P. *see* Foroni, R. 110670
Zampieri, S. *see* Pauer, F. 72697
Zampini, A., Sandford, H., Cardin, W., O'Leary, M. Diazonaphthoquinone-5-sulfonate composition variants: Synthesis and properties [photoresists] 105802
Zan, R. *see* Parise, G. 80977
Zana, M. *see* Sakamoto, Y. 90391

Zanadvorov, N.P. *see* Zhulin, V.I. 96486
Zanasi, F.A. *see* Kouvatsos, D.D. 77586
Zanatta, L.C., Jr. *see* Kastrup, O. 121243
Zanca, M. *see* Bonny, J.-M. 120342
Zanchetta, P. *see* Dell'Aquila, A. 91650
Zanchetta, P. *see* Dell'Aquila, A. 121966
Zanchi, C., Parra, T., Escotte, L., Graffeuil, J. Enhanced design of a floating broad-band lossless tunable HBT monolithic active inductor 93865
Zanchi, C., Parra, T., Graffeuil, J. A tunable lossless HBT broadband monolithic microwave floating active inductor 62308
Zanden, K.Van der *see* Van der Zanden, K.
Zander, J. Radio resource management—an overview 109393
Zander, J. *see* Andersin, M. 88311
Zander, J. *see* Frodigh, M. 88308
Zander, W. *see* Schoning, M.J. 89046
Zandi, A. *see* Gormish, M.J. 86754
Zandian, M. *see* Motamedi, M.E. 100116
Zandler, G. *see* Fischler, W. 63109
Zandy, V.C. *see* Hong, T. 66881
Zane, R., Maksimovic, D. Nonlinear-carrier control for high-power-factor rectifiers based on flyback, Cuk or Sepic converters 71458
Zane, R., Maksimovic, D. Modeling of high-power-factor rectifiers based on switching converters with nonlinear-carrier control 121770
Zanella, P. *see* Rossetto, G. 61265
Zanello, D. *see* Carugno, G. 100803
Zanetta, L. *see* Plebani, S. 67940
Zanetta, L.C., Jr., Tahan, C.M.V., Esmeraldo, P.C., Amon, J., Costa, L.S., Maia, M. Single phase reclosing in UHV long lines for Amazon transmission system 111621
Zanetta, L.C., Jr. *see* Martinez, M.L.B. 111678
Zanette, G. *see* Tinazzi, M. 90520
Zanetti, A.M. *see* Belforte, S. 90230
Zanetti, A.M. *see* Belforte, S. 100984
Zanetti, E.M. *see* Audenino, A.L. 90402
Zanettin, A. Transporting voice over packet networks 67797
Zanevskii, Yu.V., Fateev, O.V., Geltenbort, P. Study of a gas microstrip detector 100902
Zanevskii, Yu.V. *see* Kheiker, D.M. 69882
Zanforlin, L. *see* Abbate, M. 120543
Zang, M. *see* Wu, J. 63088
Zang, Z., Deriche, R., Faugeras, O., Luong, Q.-T. A robust technique for matching two uncalibrated images through the recovery of the unknown epipolar geometry 98144
Zang-Hee Cho *see* Chung-Ming Chen 101176
Zangani, M. *see* Bianchi, G. 77794
Zangara, L. *see* d'Ouville, T.T. 115359
Zangari, G. *see* Callegaro, L. 106496
Zangaro, R.A., Silveira, L., Jr., Manoharan, R., Zonios, G., Itzkan, I., Dasari, R.R., Van Dam, J., Feld, M.S. Rapid multiexcitation fluorescence spectroscopy system for in vivo tissue diagnosis 110761
Zanger, E., Muller, R., Kotteritzsch, M., Gries, W. Development of a stable external resonant ring doubler for single mode cw laser systems: optical design and product application 107531
Zanghieri, L. *see* Mutti, P. 94262
Zangrando, D., Walker, R.P. A stretched wire system for accurate integrated magnetic field measurements in insertion devices 100280
Zangrando, D. *see* Bulfone, D. 76053
Zangrando, D. *see* Walker, R.P. 96521
Zangrando, D. *see* Walker, R.P. 100451
Zangwill, A. *see* Luse, C.N. 64181
Zangwill, A., Jesson, D., Chambliss, D., Clarke, R. *(editors)* Evolution of Epitaxial Structure and Morphology. Symposium 112703
Zani, C.R., Fernandez, P.C. Transient overvoltage and overcurrent studies using EMTP to evaluate the feasibility of simultaneous energization of TSC and filters of Furnas SVC located in Bandeirantes substation–a comparison and validation of digital transient simulations by means of site measurements 111489
Zanichelli, F. *see* Adorni, G. 117794
Zanichelli, F. *see* Sillitoe, I. 80695
Zaninelli, D. *see* Berizzi, A. 80799
Zaninelli, D. *see* Berizzi, A. 111458
Zanini, V. *see* Lui, A. 119623
Zanino, R. Advances and issues in the finite element fluid modeling of the tokamak scrape-off layer 82569
Zanino, R. *see* Franzoni, G. 110417
Zaninovich, J. *see* Maier, M.R. 90245
Zaninovich, J. *see* Maier, M.R. 100940
Zankowsky, D. Electro-optic modulators keep pace with data rates 75583
Zankowsky, D. Frame grabbers transfer image data to computers 108687
Zanming Wang *see* Schulze, D. 71939
Zanne, C. *see* Malleus, P. 91667
Zanne, C. *see* Malleus, P. 91668
Zannella, S. *see* Hlasnik, I. 95412
Zannella, S. *see* Majoros, M. 95413
Zannella, S. *see* Varesi, E. 115905
Zanni, L. *see* Galligani, E. 92588
Zannier, U. *see* Darbo, G. 72471
Zannoli, S. A D/A convertor with delta-sigma architecture 61984
Zannoli, S. The Philips Semiconductor SAA 7178 digital signal coder 66930
Zannoli, S. High-performance digital storage oscilloscopes (DSO) 69381
Zannoli, S. The Integrated Device Technology sequential access RAM, SARAM 73373
Zannoli, S. PADS software: a PCB design tool 73861
Zannoli, S. An Ethernet LAN controller 78070
Zannoli, S. Logic state analysers 88952
Zannoli, S. A/D conversion at 10 bit, 20 MSps 104626
Zannoli, S. Switched electronic supplies 113718
Zannoli, S. 32-bit RISC microprocessors 113973
Zannoli, S. DSP for wireless communication 113974
Zannoli, S. A multifunction PCMCIA interface chip 114046
Zannoli, S. A switch for Ethernet applications 118376
Zannoli, S. Noise and vibration analysis 119530
Zannoli, S. Fibre optic cable testing 119787
Zannoni, M. *see* Bonelli, G. 99697
Zannoti, S. Touchscreen technology 119793
Zanobetti, D. *see* Borghetti, A. 102430
Zanoli, S. *see* Zingaretti, P. 66897
Zanoli, S.M. *see* Tascini, G. 117793
Zanon, E.R., Testezlaf, R., Matsura, E.J. A data acquisition system for sprinkler uniformity test 119534
Zanoni, E., de Bortoli, E., Meneghesso, G., Neviani, A., Vendrame, L., Paccagnella, A., Canali, C. A new degradation mechanism induced by DX-centers in AlGaAs/InGaAs PM-HEMTs 63760
Zanoni, E., Meneghesso, G., De Bortoli, E., Vendrame, L., Sala, D., Vanzi, M. Failure mechanisms of AlGaAs/InGaAs pseudomorphic HEMTs 95074
Zanoni, E. *see* Asti, S. 115162
Zanoni, E. *see* Meneghesso, G. 63759
Zanoni, E. *see* Meneghesso, G. 84473
Zanoni, E. *see* Meneghesso, G. 106052
Zanoni, E. *see* Paccagnella, A. 95203
Zanotti, J.-P. Weight behavior of irreducible cyclic BWD-codes 66545
Zanotti, L. *see* Alessandrello, A. 80100
Zanotti, L. *see* Gilioli, E. 61160
Zanotti, L. *see* Mucchino, C. 61159
Zanotti-Fregonara, C. *see* Nasi, L. 72865
Zant, H.S.J.van der *see* van der Zant, H.S.J.
Zante, A. *see* Whitham, K. 79804
Zante, A. *see* Whitham, K. 89719
Zanthier, C. v. *see* Meidinger, N. 106053
Zanthier, C. v. *see* Soltau, H. 110553
Zanthier, C.von *see* von Zanthier, C.
Zanxun Yu *see* Yu Zanxun
Zanzi, P. *see* Turconi, G. 98552
Zanzig, L. Einsatz alternativer Depositionsmethoden zur Herstellung amorpher Siliziumlegierungen. (Alternative deposition methods for the preparation of amorphous silicon alloys) 61392
Zapaeva, N. *see* Chtchoupak, O.S. 101414
Zapantes, G. *see* Kalogeras, A. 67759
Zaparov, Sh.E. *see* Brudanin, V.B. 110622
Zapata, E.L. *see* Antelo, E. 93471
Zapata, E.L. *see* Boo, M. 108166
Zapata, E.L. *see* Bruguera, J.D. 104594
Zapata, E.L. *see* Garcia, I. 98095
Zapata, I., Bartussek, R., Sols, F., Hanggi, P. Voltage rectification by a SQUID ratchet 106690
Zapevalov, V.E. *see* Tsimring, Sh.E. 96958
Zapfe, K., Braun, B., Gaul, H.-G., Grieser, M., Povh, B., Rall, M., Steffens, E., Stock, F., Tonhauser, J., Montag, C., Rathmann, F., Fick, D., Haeberli, W. A high density polarized hydrogen gas target for storage rings 120083
Zapfe, K. *see* Rathmann, F. 119987
Zapico, J.A. *see* Toth, F.N. 119604
Zapolin, R.E., Beeuwkes, R., III, Smith, M.A. Microprocessor-based fuel cell test add-ons update traditional laboratory equipment safety and performance 112315
Zapolsky, A.F. *see* Borisov, V.P. 116326
Zaporozhchenko, V.A., Tylets, N.A. Time locking of optical pulses to an external signal in pulsed lasers with active mode locking 85353
Zaporozhets, A.A., Levy, M.F. Modelling of radiowave propagation in urban environment with parabolic equation method 97144
Zaporozhets, T.A. *see* Westcott, B.S. 66078
Zapotocny, J. *see* Broum, M. 88775
Zappa, F., Lacaita, A.L., Cova, S.D., Lovati, P. Solid-state single-photon detectors 79404
Zappa, F., Lovati, P., Lacaita, A. Temperature dependence of electron and hole ionization coefficients in InP 105173
Zappa, F. *see* Cova, S. 69116
Zappa, F. *see* Ghioni, M. 78836
Zappa, F. *see* Lacaita, A. 85275
Zappala, D. *see* Wagenblast, K.H. 95473
Zappatore, S. *see* Bolla, R. 87476
Zappatore, S. *see* Bolla, R. 99245
Zappe, H.P., Hofstetter, D. A monolithic optical displacement measurement microsystem 74958
Zappe, H.P. *see* Hofstetter, D. 100361
Zappe, H.P. *see* Hofstetter, D. 110409
Zappe, H.P. *see* Liu, Q.Z. 64762
Zappelli, L. *see* De Leo, R. 65912
Zappelli, L. *see* Rozzi, T. 116995
Zappettini, A. *see* Fornari, R. 61158
Zappettini, A. *see* Fornari, R. 94370
Zappi, O. *see* Brivio, R. 121388
Zappia, M. *see* Favaro, M.L. 105185
Zapryagaev, I.A. *see* Kozyrev, E.V. 79766
Zapryagaev, I.A. *see* Kozyrev, E.V. 114520
Zaquine, R. *see* Murgulescu, M.-H. 62156
Zarabadi, S.R., Castillo-Borelly, P.E., Johnson, J.D. An angular rate sensor interface IC 119625
Zarabi, M.J. *see* Bhattacharyya, A.B. 101436
Zarand, P. Effect of thermal and dosimetric history on the accuracy of LiF:Mg,Ti and $CaSO_4$:Dy 120569
Zarandy, A. *see* Chua, L.O. 93636
Zaraska, W. *see* Gandurska, J. 69348
Zaraska, W. *see* Kulawik, J. 114451
Zarbock, D. *see* Ban, J. 69810
Zarcone, M.J. *see* Jacobsen, F.M. 84184
Zardini, C. *see* Balocco, D. 71415
Zardini, C. *see* Balocco, D. 120633
Zare, A. *see* Saliminia, A. 65029
Zare, R.N. *see* Wahl, E.H. 72929
Zarebski, J. Analysis of electrothermal transients in electronic circuits 113635
Zarebski, J. Electrothermal large-signal models of selected semiconductor devices 115126
Zaremba, A. Effects of e-mail availability on the informal network 72181
Zaremba, E. *see* Heisz, J.M. 74341
Zaremba, S. *see* Jongen, Y. 69622
Zaremba, S. *see* Jongen, Y. 101424
Zarembinski, S. *see* Chen, Y.F. 84911
Zarembo, S.N. *see* Zheltonozhko, O.V. 112242
Zarembovitch, A. *see* Palmier, D. 106320
Zaretski, A.I. *see* Bel'kov, S.A. 85699
Zaretskii, Y.D. *see* Guzik, V.F. 113235
Zargari, M., Leung, J., Wong, S.S., Wooley, B.A. A BiCMOS active substrate probe card technology for digital testing 73576
Zari, M.C., Zwilling, A.F., Hess, D.A., Snow, K.W., Anderson, C.S., Chiang, D. Personnel identification system utilizing low probability of intercept (LPI) techniques for covert operations 120940
Zaring, C. *see* Persson, L. 105730
Zaring, C. *see* Persson, L. 114987
Zarka, A. *see* Aman, J. 99822
Zarki, M.E. *see* Liu, H. 118278
Zarki, M.El *see* El Zarki, M.
Zarkov, J. Raising of the technical perfection of the relay protection of 27.5 kV electric traction network of high speed mainlines 112549
Zarkow, J.I., Guda, A.N., Kacprzak, J., Drazek, Z. Analysis and planning of energy consumption in traction network using statistic data 112550
Zarlingo, S.P. New insights for the specification of copper alloy strip metals for connectors 114380
Zarnik, M.S., Taskov, M.P., Macek, S. The realisation of a highly stable VCTCXO 61684
Zarnikau, J., Guermouche, S., Schmidt, P. Can different energy resources be added or compared? 71033
Zarnowski, J., Carbone, J., Pace, M. Scientific CMOS CID imagers 100120
Zarnowski, J. *see* Carbone, J. 100128
Zarrabizadeh, M.H., Sousa, E.S. Synchronization for an indoor wireless communication system utilizing TDMA and commutation signaling 99080
Zarrabizadeh, R.H., Sousa, E.S. A rapid synchronization scheme for DS-SS packet data transmission 78363
Zarraoa, N., Sardon, E. Test of GPS for permanent ionospheric TEC monitoring at high latitudes 80624
Zarrop, M.B. *see* Jenssen, A.C. 103515
Zarrow, P., Hall, S. Screen printing for BGAs 112947
Zarrow, P. *see* Belmonte, J. 114429
Zartov, G. *see* Panajotov, K. 85240
Zarubin, L.I. *see* Vainberg, V.V. 105133
Zarukin, A.I., Titova, G.V., Shirokov, A.A. A device to recognize color of test strips in blood sugar express analysis 69924
Zaryankin, A.E., Paramonov, A.N., Shaban, F. Improving the diffuser systems for the exhaust hoods of steam and gas turbines 102453
Zasadny, K.R. *see* Chiao, P. 101322
Zasadzinski, M. *see* Frapard, B. 78618
Zaslavski, A.J. Turnpike theorem for a class of set-valued mappings 82461
Zaslavskii, V.M. *see* Abdullin, E.N. 89903
Zaslavsky, A. *see* Lin, S.-Y. 74358
Zaslavsky, J. *see* Ajinenko, I. 90197
Zastrow, H. *see* Eichhorst, M. 81410
Zasypkin, E.V., Moiseev, M.A., Gachev, I.G., Antakov, I.I. Study of high-power Ka-band second-harmonic gyroklystron amplifier 105042
Zatopek, J. *see* Burgett, W. 79856
Zatsepin, G.T. *see* Elliott, S.R. 80104
Zaugg, T. *see* Bolme, G.O. 89706
Zaulin, I.A. *see* Ponomarenko, V.P. 73159
Zaumseil, P. *see* Kuhne, H. 103836
Zavacky, J. *see* Mihalik, J. 117742
Zavada, J.M. *see* Casey, H.C., Jr. 64976
Zavada, J.M. *see* Dahua Zhang 85259
Zavada, J.M. *see* Dahua Zhang 85262
Zavada, J.M. *see* Lee, J.W. 114907
Zavada, J.M. *see* MacKenzie, J.D. 113287
Zavada, J.M. *see* Pearton, S.J. 74521
Zavada, J.M. *see* Pearton, S.J. 84080
Zavada, J.M. *see* Pearton, S.J. 92725
Zavada, J.M. *see* Pearton, S.J. 94876
Zavadil, B. *see* Dabbs, B. 70860

Zavadskii, Y.I., Chernokozhin, V.V., Kouznetsov, Y.A. Comparative analysis of information capacity for space surveillance systems in 3-5 and 8-14 μm spectral ranges 100091
Zavadskii, Y.I. *see* Chernokozhin, V.V. 99977
Zavadtzev, A.A. *see* Sobenin, N.P. 96441
Zavaljevski, A., Dhawan, A.P., Kelch, D.J., Riddell, J., III Adaptive hyperspectral small target detection 66896
Zavalov, Yu.N. *see* Dembovetsky, V.V. 116368
Zavalov, Yu.N. *see* Galushkin, M.G. 107044
Zavalov, Yu.N. *see* Galushkin, M.G. 107045
Zavalov, Yu.N. *see* Galushkin, M.G. 107125
Zavalova, V.E. *see* Galushkin, M.G. 85366
Zavalova, V.E. *see* Galushkin, M.G. 107125
Zavalova, V.Ye. *see* Dembovetsky, V.V. 116368
Zavalova, V.Ye. *see* Galushkin, M.G. 107044
Zavalova, V.Ye. *see* Galushkin, M.G. 107045
Zavaritskaya, T.N. *see* Aleshchenko, Yu.A. 74360
Zavarsky, P., Fujii, N. Moment functions for fast discrete Wigner trispectrum 66621
Zavartsev, T.D. *see* Zagumennyi, A.I. 96216
Zavartsev, Yu.D., Zagumennyi, A.I., Osiko, V.V., Studenikin, P.A., Umyskov, A.F. Crystals of Cr^{3+}:Yb^{3+}:Ln^{3+}:YSGG as active media of solid-state lasers 75887
Zavartsev, Yu.D. *see* Awad, H.R.I. 107186
Zavartsev, Yu.D. *see* Kozlov, V.A. 96224
Zavartsev, Yu.D. *see* Umyskov, A.F. 85444
Zavartsev, Yu.D. *see* Umyskov, A.F. 116450
Zavattini, E. *see* De Riva, A.M. 96579
Zavattini, G. *see* De Riva, A.M. 96579
Zavattini, G. *see* Del Guerra, A. 90352
Zavattini, G. *see* Del Guerra, A. 101112
Zavbi, R., Duhovnik, J. The analytic hierarchy process and functional appropriateness of components of technical systems 112854
Zaveri, H.P. *see* Williams, W.J. 77130
Zavertyaev, M.V. *see* Aleev, A.N. 120186
Zaveryukhin, B.N., Ismailov, Kh.K., Muminov, R.A., Zaveryukhina, N.N., Tursunkulov, O. Acoustically stimulated adhesion of copper films to silicon 114808
Zaveryukhina, N.N. *see* Zaveryukhin, B.N. 114808
Zavidovique, B. *see* Collin, B. 86359
Zavidovique, B. *see* Kraljic, I.C. 95168
Zaviska, O., Reichel, H. Use of superconducting magnetic energy storage for active power control 121267
Zavjalov, M.A. *see* Gielkens, S.W.A. 85381
Zavodinsky, G., Kuyanov, I.A. Local-density approximation study of p-Si/n-Si nanoscale junctions 114703
Zavodinsky, V.G. Effects of electrically active impurities on the bond energy in silicon: ab initio total energy cluster study 61288
Zavolov, Yu.N. *see* Galushkin, M.G. 85366
Zavorotny, V.U. *see* Smirnov, A.V. 120832
Zavosh, F., Aberle, J.T. Improving the performance of microstrip-patch antennas 108017
Zavosh, F. *see* Kokotoff, D.M. 68603
Zavracky, P.M., McClelland, B., Wang, J., Hartley, F.T. Tunneling tip protection for a bulk micromachined accelerometer 80554
Zavracky, P.M., McClelland, B., Warner, K., Jianchao Wang, Hartley, F., Dolgin, B. Design and process considerations for a tunneling tip accelerometer 119663
Zavracky, P.M., McGruer, N., Warner, K., McClelland, R., Jenkins, G. The MEMS program at Northeastern University 84655
Zavracky, P.M., McGruer, N., Warner, K., McClelland, R., Jenkins, G. The MEMS program at Northeastern University 92078
Zavracky, P.M., Vu, B. Patterned eutectic bonding with Al-Ge thin films for MEMS 74871
Zavracky, P.M. *see* Hartley, F.T. 63986
Zavracky, P.M. *see* Vu, Q.-B. 63281
Zavriyev, A. *see* Mandl, A. 96124
Zavriyev, A. *see* Mandl, A. 116387
Zavrtanik, M. *see* Krizan, P. 69125
Zavrtanik, M. *see* Krizan, P. 69746
Zavrtanik, M. *see* Krizan, P. 100843
Zavtrak, S.T., Volkov, I.V. Sound amplification by stimulated emission of radiation (saser) with cylindrical resonator 111368
Zawadzki, C. *see* Keil, N. 95811
Zawadzki, P. *see* Coleridge, P.T. 82686
Zawadzki, P. *see* Sachrajda, A.S. 62935
Zawadzki, P. *see* Thompson, A.G. 92761
Zawarzin, V. *see* Worstell, W. 101338
Zayats, A.V. *see* Aksipetrov, O.A. 74433
Zayavlin, V.P. *see* Kagan, M.B. 81870
Zayavlin, V.P. *see* Letin, V.A. 120632
Zayed, H.A. Effect of γ-irradiation on the optical and electrical properties of amorphous InSe thin films 74292
Zayed, H.A. Optical properties of AgBiSe$_2$ thin films 83883
Zayegh, A. *see* Chen, Z. 81134
Zayhowski, J.J. Microchip lasers create light in small spaces 65119
Zayhowski, J.J. Ultraviolet generation with passively Q-switched microchip lasers 65121
Zaytseva, A. *see* Palkin, E.A. 66080
Zazanis, M.A. *see* Gang Bao 92408
Zaznobina, E. *see* Ososkov, G.A. 90194
Zaznobina, E.G. *see* Galkin, I.A. 120760
Zazo, M. *see* Torres, L. 64338
Zazula, D. *see* Viher, B. 110833
Zazula, J.M., Gyr, M., Stevenson, G.R., Weisse, E. A new concept in the design of the LHC beam dump 100424
Zbasnik, J. *see* Deis, G. 106719
Zbasnik, J.P., Martovetsky, N.N., Hibbs, S.M., Schultz, J.H., Pillsbury, R.D., Jr., Citrolo, J.C. TPX superconducting cable-in-conduit 1995 design and development progress 106715
Zbasnik, J.P. *see* Chaplin, M.R. 106727
Zbinden, A.M. *see* Michel, C. 101470
Zborowski, J.T., Vigliante, A., Moss, S.C., Golding, T.D. Interface properties of (In,Ga)Sb/InAs heterostructures 74322
Zborowski, J.T. *see* Meyer, J.R. 63108
Zdansky, K., Santana, J., Jones, B.K., Sloan, T. Modeling of particle detectors based on semi-insulating GaAs 120147
Zdansky, K. *see* Jones, B.K. 114602
Zdansky, K. *see* Santana, J. 120145
Zdravkovic, Z., Vukelja, P., Mrvic, J. The influence of lightning stroke and tower parameters on the tower voltage during the lightning stroke 81111
Zdravomyslov, M.V., Ashkhotov, O.G. A multichannel stabilized power supply unit 104301
Zdrok, S.A. *see* Semkov, S.K. 121849
Ze-Min Lin *see* Qi-Lian Liang 108362
Ze-Min Liu *see* Liu Ze-Min
Ze-Nian Li, Gongzhu Hu Analysis of disparity gradient based cooperative stereo 117843
Zeakes, J.S., Elshabini-Riad, A., Murphy, K.A. Extrinsic Fabry-Perot interferometric hydrogen gas sensor 100168
Zeballos, E.Cerron *see* Cerron Zeballos, E.
Zebda, Y., Qasaimeh, O. A modified diffusivity-mobility relation 105092
Zeberli, J.-F. *see* Clot, P. 112959
Zebo Peng *see* Eles, P. 113684
Zeboulon, A. *see* Gallot, G. 76212
Zebrev, G.I. *see* Emelianov, V.V. 74739
Zebrev, G.I. *see* Emelianov, V.V. 106017
Zebulum, R.S., Vellasco, M., Pacheco, M.A., Guedes, K. A multi-step hourly load forecasting system using neural nets 91057
Zecevic, A.I. *see* Amano, M. 101735
Zech, D. *see* Rossel, C. 79287
Zech, G. *see* Schmidt, S. 65644
Zech, H. Measurement technique for pump and signal background absorption of erbium doped fibres [reply] 75830
Zech, K. *see* Santori, M. 108828
Zechang Zhang *see* Surong Zhao 62641
Zecher, S. *see* Oldendorf, M. 90460
Zechun Cao *see* Cao Zechun
Zecun Zhou *see* Zhou Zecun
Zedel, L., Hay, A.E., Cabrera, R., Lohrmann, A. Performance of a single-beam pulse-to-pulse coherent Doppler profiler 88733
Zeding Zhou *see* Zhou Zeding
Zedlitz, R. *see* Heintze, M. 92893
Zee, F. *see* Langenbacher, H. 104757
Zee, J.W.Van *see* Van Zee, J.W.
Zeeb, E. *see* Reiner, G. 85493
Zeek, Z. *see* Backus, S. 65134
Zeevi, Y.Y. *see* Stanhill, D. 117324
Zegadi, A., Yakushev, M.V., Ahmed, E., Pilkington, R.D., Hill, A.E., Tomlinson, R.D. A photoacoustic study on the effect of Se content on defect levels in CuInSe$_2$ single crystals 94453
Zegadi, A. *see* Ahmed, E. 74515
Zegadi, L. *see* Rousseau, J.J. 115587
Zegarski, B.R. *see* Opila, R.L. 62441
Zegenhagen, J. *see* Moser, H.O. 79772
Zeger, K. *see* Hamkins, J. 66314
Zeger, K. *see* Linder, T. 66433
Zeger, K. *see* Linder, T. 86080
Zeger, K. *see* Lugosi, G. 66952
Zeger, K. *see* Mehes, A. 66437
Zeggel, T., Bryngdahl, O. Adaptive halftoning based on iterative convolutions 108542
Zeghbroeck, B.van *see* van Zeghbroeck, B.
Zegrya, G.G., Andreev, A.D. Calculation of the threshold characteristics of the mid-infrared laser based on type II heterostructure with QWs 96261
Zegrya, G.G. *see* Mikhailova, M.P. 62831
Zegura, E.W., Calvert, K.L., Bhattacharjee, S. How to model an internetwork 87787
Zeh, R. *see* Orth, A. 107260
Zeh, R. *see* Orth, A. 107325
Zehe, A. *see* Brueckner, V. 110352
Zehentner, J. *see* Machac, J. 93681
Zehentner, J. *see* Machac, J. 114201
Zehl, A. *see* Geib, R. 67535
Zehl, A. *see* Geib, R. 67924
Zehnder, A. *see* Hajdas, W. 100754
Zehnder, U. *see* Waag, A. 92708
Zehner, W.J., Thompson, R.L. Methods of estimating allowable motion perturbations in side-scan sonar systems 88732
Zehr, E.P. *see* Stein, R.B. 110657
Zehren, J.C. *see* Michel, D. 66131
Zehren, J.C. *see* Stubenrauch, C.F. 108058
Zeichen, G. *see* Gander, H. 93431
Zeid, S.A. *see* Adly, A.A. 115846
Zeides, F. *see* Roman, I. 113611
Zeidler, H.C. *see* Kollmann, K. 62120
Zeidler, J., Schlosser, M., Ittner, A., Posthoff, C. Fuzzy decision trees and numerical attributes 113090
Zeidler, J.R. *see* Staley, T.L. 108114
Zeidler, T. *see* Ankner, J.F. 64364
Zeidler, T. *see* Kleinefeld, T. 64353
Zeidman, B. *see* Jones, C.E. 110529
Zeigler, J. *see* Teodorescu, R. 95546
Zeigler, R. *see* Shea, J.J. 62550
Zeigler, R.R., Jr. Testing and analysis of frequency aging [crystals] 95313
Zeijl, H.W.van *see* van Zeijl, H.W.
Zeijts, J.van *see* van Zeijts, J.
Zeilberger, D. *see* Foata, D. 72474
Zeiler, W., Di Pasquale, F., Bayvel, P., Midwinter, J.E. Modeling of four-wave mixing and gain peaking in amplified WDM optical communication systems and networks 109647
Zeiler, W. *see* Rothnie, D.M. 78718
Zeilinger, A. *see* Mattle, K. 76680
Zeilinger, A. *see* Weinfurter, H. 117115
Zeilinger, W. *see* Murtagh, F. 77080
Zeimetz, B., Dou, S.X., Liu, H.K. Improved critical current of superconducting Bi2223-Ag tapes for current lead application by addition of 'large' silver particles 115898
Zeimetz, B. *see* Wang, W.G. 113536
Zein El Din, A.S. *see* Lashine, A.E. 61629
Zeindl, H.P., Nilsson, S. Influence of MBE growth parameters on the luminescence properties of Si$_{1-x}$Ge$_x$ quantum wells 61214
Zeindl, H.P., Nilsson, S., Bugiel, E. Diffusion phenomena in MBE grown Si/SiGe single quantum wells studied by PL and TEM measurements 62844
Zeindl, H.P., Nilsson, S., Jagdhold, U., Klatt, J., Kurps, R., Kruger, D., Bugiel, E. Influence of interdiffusion and surfactants on Si/SiGe heterointerfaces 114733
Zeindl, H.P. *see* Ehwald, K.-E. 82665
Zeindl, H.P. *see* Nilsson, S. 114757
Zeineddine, T. *see* Adnan Al-Alaoui, M. 120468
Zeinert, A., Barthou, C., Benalloul, P., Benoit, J. Transient measurements of the excitation efficiency in ZnS-based thin film electroluminescent devices 96009
Zeinert, A. *see* Zellama, K. 94673
Zeino, H., Misson, M. Adaptive infrared time division multiple access (AIR TDMA) for an in-house wireless hybrid LAN 87838
Zeira, A. *see* Friedlander, B. 66616
Zeira, A. *see* Friedlander, B. 79021
Zeiske, K. *see* Riehle, F. 68962
Zeiske, U. *see* Kunzmann, S. 69705
Zeitelhack, K., Stolz, A., Bauer, B., Erbe, C., Friese, J., Gernhaeuser, R., Kastenmueller, A., Kienle, P., Koerner, H.-J., Maier-Komor, P., Muench, M., Winkler, S. A two-dimensional position sensitive microstrip gas chamber for single VUV photons 69712
Zeitelhack, K. *see* Gernhaeuser, R. 69126
Zeitler, E. *see* Oldendorf, M. 90460
Zeitler, R. Digital correlator for measuring the velocity of solid surfaces 110066
Zeitlin, A.D., Love, W.D., Cieplak, J.J. Enhancements to the next generation collision avoidance system: opportunities for greater safety and efficiency 70361
Zeitoun, P. *see* Benredjem, D. 107037
Zeitoun, P. *see* Rus, B. 116314
Zeitoun, P. *see* Zhang, J. 96102
Zeitoun, Ph., Carillon, A., Demir, A., Fill, E., Holden, M., Jaegle, P., Jamelot, G., Klisnick, A., Krishnan, J., Lewis, C., Nantel, M., McPhee, A., Rus, B., Schlogl, D., Tallents, G. Reduction of X-ray laser driver energy 75781
Zeitoun-Fakiris, A. *see* Boussoukaya, M. 62172
Zeitouni, O. *see* Kulkarni, S.R. 66632
Zeitz, W.D. *see* Oldekop, E. 74222
Zeitzoff, P.M. *see* Vuong, H.-H. 63251
Zeitzoff, P.M. *see* Vuong, H.-H. 74540
Zejda, J., Cerny, E., Shenoy, S., Rumin, N.C. Bounding switching activity in CMOS circuits using constraint resolution 73228
Zejia Jiang *see* Jiang Zejia
Zejian Liu *see* Liu Zejian
Zejie Yin *see* Yin Zejie
Zejin Liu *see* Zongfu Jiang 95926
Zejl, H.Van *see* Van Zejl, H.
Zejun Hu *see* Hu Zejun
Zekentes, K., Becourt, N., Androulidaki, M., Tsagaraki, K., Stoemenos, J., Bluet, J.M., Camassel, J., Pascual, J. Gas source molecular beam epitaxy of β-SiC on Si substrates 113319
Zekry, A., Al-Mazroo, A.Y. A distributed SPICE-model of a solar cell 71695
Zel, G.L.Van Der *see* Van Der Zel, G.L.
Zel, V.M.Van der *see* Van der Zel, V.M.
Zela, F.De *see* De Zela, F.
Zelaya de La Parra, H. *see* Bird, I.G. 122003
Zelaya-Angel, O. *see* Alvarez-Fregoso, O. 105159
Zelaya-Angel, O. *see* Lozada-Morales, R. 114651
Zelaya-Angel, O. *see* Ramirez-Bon, R. 74139
Zelaya-De La Parra, H. *see* Best, R.A. 70685
Zelaya-De La Parra, H. *see* Elmas, C. 121979
Zel'dovich, B.Ya. *see* Anderson, D.Z. 75487
Zel'dovich, B.Ya. *see* Bolshtyansky, M.A. 70057
Zel'dovich, B.Ya. *see* Tabiryan, N.V. 96629
Zeldovich, O. *see* Artemiev, V. 80101
Zelenika, D., Kovacevic, G., Vrbanic, V., Pogacnik, E. Telecommunications network with intelligent nodes 67896
Zelenin, I.A., Kasherininov, P.G., Khartsiev, V.E. New devices for controlling the energy of laser radiation 64795

Zelenin, V.V. *see* Rastegaeva, M.G. 105742
Zeleniuc, O. *see* Miron, D. 71918
Zelenka, R.E., Clark, R.E., Zirkler, A., Saari, R., Branigan, R.G. Development and flight test of terrain-referenced guidance with ladar forward sensor 90687
Zelenokhat, N.I., Bargouty, K.S., Levchenko, C.A. Estimation of oscillations under electromechanical transient conditions under electromechanical transient conditions in large electrical power systems 101822
Zelenskaya, O.V. *see* Nagornaya, L.L. 80051
Zelenskaya, O.V. *see* Nagornaya, L.L. 100997
Zelenskaya, O.V. *see* Sysoeva, E.P. 80050
Zelenskaya, O.V. *see* Sysoeva, E.P. 100888
Zelenski, A.N. Present and future of polarized ion sources 110528
Zelenski, A.N., Levy, C.D.P., Jayamanna, K., McDonald, M., Schmor, P.W., van Oers, W.T.H., Welz, J., Wight, G.W., Dutto, G., Mori, Y., Sakae, T. The TRIUMF high-current DC optically-pumped polarized H$^-$ ion source 90070
Zelenski, A.N., Levy, C.D.P., van Oers, W.T.H., Schmor, P.W., Welz, J., Wight, G.W. Spin-exchange polarization study at the TRIUMF OPPIS 120077
Zelenskiy, G.K. *see* Salunin, N.I. 95424
Zelenskiy, G.K. *see* Vedernikov, G.P. 95421
Zelensky, A.A. *see* Kulemin, G.P. 80594
Zelensky, A.A. *see* Kulemin, G.P. 80612
Zelensky, D.K. *see* Adamenkov, A.A. 116321
Zelenstov, Yu.A., Starostin, V.N. Investigation of the possibility of minimizing the temperature instability of the initial unbalance of a bridge circuit 89011
Zelentsov, Yu.A., Volokhov, I.V., Peskov, Ye.V. The use of multilayer films for thin film strain gauges in the high-temperature sensitive elements of pressure sensors 89014
Zelezny, V. *see* Kocka, J. 94293
Zelezny, V. *see* Sutter, P. 61215
Zelikson, M., Weiser, K., Chack, A., Kanicki, J. Direct determination of the quadratic electro-optic coefficient in an a-Si:H based waveguide 95711
Zelinskiy, D.I. Analyzing the noise immunity of the frequency-phase reception method when the subchannel transmission coefficients are not identical 76692
Zelinsky, A., Heinzmann, J. Real-time visual recognition of facial gestures for human-computer interaction 117907
Zelinsky, A. *see* Bulyak, E. 80149
Zelinsky, A. *see* Efimov, S. 79962
Zelinsky, A.Yu. *see* Grigor'ev, Yu.N. 79961
Zeljic, M. *see* Jevtic, M. 91430
Zelkowitz, M.V. Software engineering technology infusion within NASA 101471
Zellama, K., Nedialkova, L., Bounouh, Y., Chahed, L., Benlahsen, M., Zeinert, A., Paret, V., Theye, M.L. Hydrogen incorporation in device-quality a-Si:H deposited at low temperature 94673
Zeller, A.F. *see* York, R.C. 79810
Zeller, H.R. *see* Eicher, S. 105931
Zeller, H.R. *see* Eicher, S. 113725
Zeller, J. *see* Osinski, M. 96027
Zeller, J. *see* Osinski, M. 116264
Zeller, P. *see* Peuser, P. 107167
Zellouf, D. *see* Jayet, Y. 92987
Zelmon, D. *see* Fenimore, D.L. 107592
Zelmon, D.E. *see* Singh, N.B. 82580
Zelnio, E., Garber, F. A characterization of ATR performance evaluation 119265
Zelnio, E.G. *see* Jian Li 68553
Zeltser, A.M., Smith, N. Giant magnetoresistance in evaporated NiFe/Cu and NiFeCo/Cu multilayers 75194
Zeltser, A.M., Smith, N. Giant magnetoresistance in evaporated Ni-Fe/Cu and Ni-Fe-Co/Cu multilayers 84817
Zeltser, N. *see* Ivensky, G. 71438
Zeltwanger, H. CAN in industrial applications 77949
Zeman, J., Zigone, M., Rikken, G.L.J.A., Martinez, G. Luminescence and Raman scattering from porous silicon under high hydrostatic pressure: a test for the present models of luminescence 94252
Zeman, V. *see* Vrba, K. 83211
Zemanian, A.H. *see* Yimin Zhang 76337
Zemel, J.N. *see* Furlan, R. 74879
Zemin Liu *see* Hua Nan 108786
Zemin Liu *see* Hua Nan 118013
Zemin Liu *see* Zhifeng Jiang 108785
Zemin Liu *see* Zhifeng Jiang 117972
Zemin Liu *see* Liu Zemin
Zeming Jiang *see* Jiang Zeming
Zeming Xie *see* Xie Zeming
Zemke, D., Leister, H.J., Muller, G. Growth of InP bulk crystals by VGF: a comparative study of dislocation density and numerical stress analysis 92679
Zemliak, A., Khotiaintsev, S., Celaya, C. Nonlinear analysis pulse-mode IMPATT diode output characteristics 93849
Zemliak, A., Khotiaintsev, S., Celaya, C., Romero, I. Modelling and analysis of pulsed IMPATT-diode dynamic characteristics 114298
Zemliak, A., Khotiaintsev, S., Romero, I., Celaya, C. Mathematical models and dynamic characteristics for pulsed IMPATT diode 93832
Zemlyakov, V.A., Chibisov, V.A. Wide-field devices for orientation with respect to the Sun 111043
Zemlyanskii, A.V. *see* Aleshin, N.P. 113004
Zemmouri, J. *see* Fettouhi, N.E. 76208
Zemo Yang, Young Kwon Validation study of compact thermal resistance models of IC packages 112923
Zemor, G. *see* Cohen, G. 72505
Zemor, G. *see* Cohen, G. 108155
Zemp, R. *see* Bender, M. 91944
Zemskova, S.M. *see* Bessergenev, V.G. 104131
Zemtsovskii, S.I. *see* Bogdanov, Yu.I. 105483
Zemva, A., Zajc, B. Test generation for multi-output combinational modules 61870
Zemva, A. *see* Zajc, B. 113926
Zen, M. *see* Bellutti, P. 84610
Zen, M. *see* Bellutti, P. 114971
Zen, M. *see* Lui, A. 119623
Zen, M. *see* Paccagnella, A. 63755
Zen Chen *see* Ja-Chen Lin 77232
Zen Chen *see* Jen-Bin Huang 117546
Zen Chen *see* Jenn-Yih Lin 108485
Zen Chen *see* Tsorng-Lin Chia 87211
Zen Shen Wen *see* Wen Zen Shen
Zenba, H. *see* Nagashima, S. 69793
Zenczak, M. *see* Nowakowski, R. 102154
Zenczak, M. *see* Sikora, R. 72133
Zenczak, M. *see* Sikora, R. 101399
Zender, C. *see* Pfeiffer, W. 81642
Zendzian, W., Jabzynski, J.K., Kopczynski, K., Mierczyk, Z. Investigations of single frequency generation in passively Q-switched Nd:YAG laser end pumped by 10 W fiber coupled diode bar 107211
Zendzian, W., Jankiewicz, Z., Jabczynski, J.K., Skrczakowski, M., Zajac, A. Performance investigation of lamp pumped pulsed Cr:Tm:Ho:YAG laser 107170
Zendzian, W. *see* Jabczynki, J.K. 85435
Zendzian, W. *see* Jabczynski, J.K. 107166
Zendzian, W. *see* Jabczynski, J.K. 107681
Zeneli, D., Tavlet, M., Coninckx, F. Response of radiophotoluminescence dosemeters irradiated at cryogenic temperatures 111000
Zeng, A., Jackson, M.K., Van Hove, M., De Raedt, W. Electrooptic characterization of modulation-doped field-effect transistors with monolithically-integrated test fixtures 107020
Zeng, A., Shah, S.A., Jackson, M.K. Reduced invasiveness of noncontact electrooptic probes in millimeter-wave optoelectronic characterization 95812
Zeng, A. *see* Shah, S.A. 93688
Zeng, A. *see* Shah, S.A. 108249
Zeng, D.C. *see* Zhang, C. 75295
Zeng, G., Ma, X. An implementation of 4-dimensional, trellis-coded, 48-ary QAM modem using Motorola's DSP56001 88000
Zeng, G.L., Gullberg, G.T. Does truncation always result in an under-determined problem? An SVD study 101156
Zeng, G.L., Gullberg, G.T., Foresti, S.A. Eigen analysis of cone-beam scanning geometries 80242
Zeng, G.L. *see* Gullberg, G.T. 80308
Zeng, G.L. *see* Gullberg, G.T. 101323
Zeng, G.L. *see* Hsieh, Y.-L. 101151
Zeng, G.L. *see* Hsieh, Y.-L. 101158
Zeng, G.L. *see* Weng, Y. 80229
Zeng, G.L. *see* Weng, Y. 101173
Zeng, G.L. *see* Weng, Y. 101177
Zeng, G.L. *see* Yu-Lung Hsieh 101291
Zeng, H., Wang, C. A real-time multi-processor system for signal analysis and synthesis application 97589
Zeng, H.C., Chong, T.C., Lim, L.C., Kumagai, H., Hirano, M. Two-level growth of potassium niobate KNbO$_3$ single crystals: a new growth method for ABO$_3$-type materials 61143
Zeng, H.H., Lang Tong Connections between the least-squares and the subspace approaches to blind channel estimation 76991
Zeng, H.H. *see* Shiyu Zeng 117120
Zeng, H.H. *see* Shiyu Zeng 117923
Zeng, J. *see* Chen, X.B. 63514
Zeng, L. *see* Cavus, A. 75705
Zeng, L. *see* Matsumoto, H. 88896
Zeng, Q.Y. *see* Tso, S.K. 80822
Zeng, R.W., Hurst, P.J. A comparison of noise-shaping clock generators for switched-capacitor filters 104403
Zeng, S.H. *see* Lai, P.T. 63136
Zeng, W., Jiang, S.S., Ferrari, C., Gennari, S., Salviati, G. Observation of (100) misfit dislocations in In$_{0.06}$Ga$_{0.94}$As/GaAs heterostructure by synchrotron radiation topography 92723
Zeng, W. *see* Weerackody, V. 88216
Zeng, X., Bowron, P., Muhieddine, A.A. IMD prediction techniques for active filters 83213
Zeng, X., Tse, C.K., Tang, P.S. Total charge injection cancellation scheme for high precision second-generation switched-current circuits 114139
Zeng, X. *see* Lai, P.T. 63136
Zeng, X.C., Wang, S.Y., Xing, D.Z., Gao, Y., Liu, A.G., Tang, B.Y., Chu, P.K. Improving the impact energy by using auxiliary electrode in a cylindrical bore 114894
Zeng, X.T., Wong, H.K. Effects of discharge pressure on the properties of Ag/Ni superlattices prepared by facing-target sputtering 75199
Zeng, Y.P. *see* Pan, D. 110147
Zeng Dechang *see* Yang Zongquan 95444
Zeng Hong *see* Ling Min 91602
Zeng Hongjun *see* Hongjun Zeng
Zeng Huaqing *see* Huaqing Zeng
Zeng Jianchao *see* Jianchao Zeng
Zeng Jilun *see* Zhang Huaitao 81321
Zeng Lieguang *see* Xia Shu 118712
Zeng Lieguang *see* Zhang Xiaoru 98389
Zeng Lieguang *see* Zhang Xiaoru 118011
Zeng Lieguang *see* Zhou Guojun 118720
Zeng Lijiang *see* Lijiang Zeng
Zeng Linghai *see* Xu Yigang 84180
Zeng Mao *see* Mao Zeng
Zeng Min *see* Li Xinyuan 90924
Zeng Nanchao *see* Wang Mingxin 91124
Zeng Qing-Ming *see* Li Yu-Dong 107022
Zeng Qingji *see* Qingji Zeng
Zeng Quan *see* Quan Zeng
Zeng Shiquan *see* Cheng Muhua 70239
Zeng Shiyu *see* Shiyu Zeng
Zeng Weining *see* Weining Zeng
Zeng Wenjun *see* Wenjun Zeng
Zeng Wenlong *see* Wenlong Zeng
Zeng Xiandi *see* Xiandi Zeng
Zeng Xianglin *see* Xianglin Zeng
Zeng Xianjun *see* Xianjun Zeng
Zeng Xiaodong *see* Zhan Yushu 79717
Zeng Xiaoqiang *see* Xiaoqiang Zeng
Zeng Xuegang Recent advances in microwave nonlinear circuit theory 93768
Zeng Yi-Ping *see* Yi-Ping Zeng
Zeng Yiping *see* Wang Xiaoliang 103929
Zeng Zhaohua, Lin Jiming, Ban Liangeng, Jiang Weiping, Chen Leping Very fast transient overvoltages (VFTO) and a study of a practical case 71600
Zeng Zheng, Wu Wengang, Luo Jinsheng Numerical simulation of nonuniform base doping effects on performance of AlGaAs/GaAs HBTs 115164
Zeng Zheng *see* Wanrong Zhang 84340
Zeng Zheng *see* Wu Wengang 62776
Zeng Zheng *see* Zheng Zeng
Zeng-Fu Wang *see* Takeuchi, Y. 86650
Zeng-Jun Xiang, Guang-Guo Bi A new lattice polynomial perceptron and its applications to frequency-selective fading channel equalization and ACI suppression 88288
Zeng-Jun Xiang *see* Schlegel, C. 119020
Zengchang Zhang *see* Zhang Zengchang
Zenger, C. *see* Balder, R. 61126
Zengerle, R., Hubner, B., Greus, C., Burkhard, H., Ries, R., Janning, H., Kuphal, E. Modulation characteristics of a DFB-laser with integrated spot-size converter for efficient laser fibre coupling 107263
Zengerle, R. *see* Ulrich, J. 84645
Zengfu Song *see* Wei Zhao 95969
ZengFu Wang, Ohnishi, N. 3-D reconstruction based on projective invariants 87030
Zenghai Li, Bisognano, J.J. Functional dependence of wakefunctions for v<c 89999
Zenghu Chang *see* Chang Zenghu
Zenghuang Liu *see* Liu Zenghuang
Zengji Liu *see* Liu Zengji
Zengjun Xiang *see* Schlegel, C. 67551
Zengquan Xue *see* Xue Zengquan
Zengquan Zhang *see* Zhang Zengquan
Zengwei Jin *see* Jin Zengwei
Zengyao Fei *see* Fei Zengyao
Zengyu Zheng *see* Bo Ye 82828
Zengyu Zheng *see* Bo Ye 83056
Zeni, L. *see* Bernini, R. 83792
Zeni, L. *see* Cutolo, A. 69527
Zeni, L. *see* Cutolo, A. 75880
Zeni, L. *see* Daliento, S. 114580
Zeni, L. *see* De Venuto, D. 115313
Zenios, S.A. *see* Iusem, A.N. 72551
Zenkevich, P.R. *see* Kolomiets, A.A. 90006
Zennaro, M. *see* Jackiewicz, Z. 72671
Zenno, Y. *see* Fujita, M. 109932
Zeno, K. *see* Blaskiewicz, M. 79925
Zenobi, M. *see* Franco, P. 76185
Zenobio, D.Di *see* Di Zenobio, D.
Zenoni, A. *see* Agnello, M. 110583
Zenteno, L.A., Boyain, A.R., Martinez, A., Starodumov, A. Polarisation spectrum of double-clad fiber lasers 65076
Zenteno, L.A. *see* Starodumov, A.N. 119920
Zentgraf, A., Gaertner, K., Schippel, S., Gaiduk, P.I. Influence of damage on the formation of CoSi$_2$ by Co implantation 94671
Zenth, K., Poulsen, C., Bjarklev, A. Point-to-point UV-written planar waveguides components 95724
Zentner, A. *see* Barak, J. 73388
Zentner, A. *see* Barak, J. 104553
Zentner, E. New polyphase codes for radar pulse compression 90885
Zentner, E. *see* Bartolic, J. 76597
Zentner, R., Bartolic, J. Synthesis of the broadband line transformer matching network 76511
Zentner, R. *see* Bonefacic, D. 76572
Zentner, S. Satellite TDMA system synchronization modes and their application 78619
Zepernick, H.-J. Modal analysis of linear nonbinary block codes used on stochastic finite state channels 66371
Zepu Mao *see* Mao Zepu
Zequn Mei, Holder, H. A thermal fatigue failure mechanism of 58Bi-42Sn solder joints 83594

Zequn Mei, Holder, H.A., Vander Plas, H.A. Low-temperature solders 103420
Zequn Mei *see* Vander Plas, H.A. 103421
Zerai, A.A., Bucklew, J.A. Poisson approximation for excursions of adaptive algorithms 66730
Zerbetto, S.C., Zink, L.R., Evenson, K.M., Vasconcellos, E.C.C. New N_2H_4 far-infrared laser lines and their frequencies 75798
Zerbetto, S.C., Zink, L.R., Evenson, K.M., Vasconcellos, E.C.C. Frequency measurements of 3 to 11 THz laser lines of CH_3OH 75799
Zerbino, L.M. *see* Grosz, S.I. 119728
Zerguine, A., Cowan, C.F.N., Bettayeb, M. LMS-LMF adaptive scheme for echo cancellation 107951
Zerhouni, E. *see* Pisupati, C. 110717
Zerhouni, O. *see* Cohen, S. 120117
Zerlaut, G. *see* Osterwald, C.R. 103030
Zerlaut, G. *see* Osterwald, C.R. 112356
Zerlauth, S. *see* Ullrich, B. 76238
Zern, A. *see* Bauer, J. 95383
Zern, A. *see* Kronmuller, H. 106510
Zernic, M. *see* Hoder, D. 88436
Zernov, A. *see* Calen, H. 120194
Zeroug, S., Stanke, F.E., Burridge, R. A complex-transducer-point model for finite emitting and receiving ultrasonic transducers 111369
Zerov, V.Y., Leonov, V.N., Khrebtov, I.A., Seinbeiss, E., Michalke, W. Semiconductor GdBaCuO bolometer based on the magnetic screening effect 100000
Zerovnik, J. *see* Kuonen, P. 99353
Zerroug, M., Nevatia, R. Three-dimensional part-based descriptions from a real intensity image 77168
Zerroug, M., Nevatia, R. From an intensity image to 3D segmented descriptions 117677
Zerrouk, B., Greiner, A., Reibaldi, V., Potter, F., Derieux, A., Marbot, R., Neramzadeh, R. The HIC high speed link technology and associated router 98515
Zerrouk, D. *see* Dilhac, J.-M. 106237
Zerubia, J. *see* Berthod, M. 77209
Zerubia, J. *see* Merlet, N. 70541
Zerubia, J. *see* Shekarforoush, H. 86425
Zervakis, M.E. Generalized maximum a posteriori processing of multichannel images and applications 67020
Zervas, M.N. *see* Barcelos, S. 78797
Zervas, M.N. *see* Barcelos, S. 84991
Zervas, M.N. *see* Barcelos, S. 99591
Zervas, M.N. *see* Laming, R.I. 78820
Zervas, M.N. *see* Loh, W.H. 78943
Zervos, A. *see* Mirasgedis, S. 111707
Zerwas, D. *see* Braunschweig, W. 120173
Zesar, K. *see* Sinclair, D. 86788
Zesheng Tang *see* Ming Wan 98255
Zeto, R.J. *see* Mihailovich, R.E. 95223
Zetsche, F. Experience with the fast polarimeter at HERA 119997
Zetterberg, P. A comparison of two systems for down link communication with antenna arrays at the base 118834
Zetterling, C.-M., Harris, C.I., Ostling, M., Afanas'ev, V.V. The influence of dry cleaning techniques on thermal oxides grown on 4H and 6H p-type SiC 105710
Zetterling, C.-M., Ostling, M. A novel UMOS capacitor test structure for SiC devices 94629
Zettl, A. *see* Collins, P.G. 105004
Zettler, J.-T. *see* Knorr, K. 103907
Zettler, J.-T. *see* Richter, W. 104023
Zettler, J.-T. *see* Zorn, M. 105147
Zetzsche, C. *see* Krieger, G. 77268
Zeuner, M., Meichsner, J., Neumann, H., Scholze, F., Bigl, F. Design of ion energy distributions by a broad beam ion source 100787
Zeungnam Bien *see* Kil Jae Lee 97952
Zevgolatakos, E. *see* Adam, W. 69709
Zexiang Cai *see* Cai Zexiang
Zexin Zhou *see* Zhou Zexin
Zeyen, C.M.E., Rem, P.C. Optimal Larmor precession magnetic field shapes: application to neutron spin echo three-axis spectrometry 69876
Zeyfang, E. *see* Mayerhofer, W. 107111
Zeyi Wang *see* Yanhong Yuan 84536
Zezula, I. Simulation study in the growth curve model 92394
Zgainski, F.-X., Coulomb, J.-L., Marechal, Y., Claeyssen, F., Brunette, X. A tool box for 3-D mesh generation in electromagnetism and electromechanical engineering 65635
Zgainski, F.-X., Coulomb, J.-L., Marechal, Y., Claeyssen, F., Brunotte, X. A new family of finite elements: the pyramidal elements 65638
Zgainski, F.-X., Marechal, Y., Coulomb, J.-L., Vanti, M.G., Raizer, A. An a priori indicator of finite element quality based on the condition number of the stiffness matrix 92648
Zgainski, F.X. *see* Coulomb, J.-L. 103792
Zgainski, F.X. *see* Migliano, A.C.C. 106629
Zgainski, F.X. *see* Nekhoul, B. 70988
Zgonc, K., Achenbach, J.D. A neural network for crack sizing trained by finite element calculations 113563
Zgonik, M. *see* Bosshard, Ch. 85655
Zgonik, M. *see* Cudney, R.S. 115411
Zgonik, M. *see* Fousek, J. 106361
Zgonik, M. *see* Medrano, C. 85609
Zgonik, M. *see* Nakagawa, K. 85726
Zgraja, J. *see* Urbanek, P. 112607
Zguris, G.C. A review of physical properties of separators for valve-regulated lead/acid batteries 112266
Zha, H.B., Muramatsu, S., Nagata, T. Discontinuity-preserving 3-D shape recovery for geometrical feature inference 97930
Zha, H.B. *see* Hara, K. 97991
Zha, X., Fuchs, H.V., Spah, M. Measuring of the effective absorption degree in small rooms 119956
Zha Guanhua *see* Gao Wanrong 100354
Zha Hong-Bin *see* Hong-Bin Zha
Zha Hongbin *see* Hongbin Zha
Zha Kaide *see* Wang Xiangyang 79481
Zha Ying *see* Wang Xiangyang 79481
Zhadin, M.N. *see* Wright, J.J. 101391
Zhai, H.Y. *see* Chen, G.H. 106689
Zhai, W., Kelly, P., Gong, W.-B. Genetic algorithms with noisy fitness 72529
Zhai Hongchen, Peng Chaoqun, Fang Zhiliang, Liu Fulai, Lu Mingzhe, Mu Guoguang An optoelectronic morphological system using Fourier holographic filter 99895
Zhai Jinhui *see* Jinhui Zhai
Zhai Qun *see* Qun Zhai
Zhai Xianghua, Wang Bingkui, Xin Zong, Huang Deyin Nonlinear optical properties of corona poled polymer films 76105
Zhaiguang Li *see* Li Zhaiguang
Zhakov, S.V. *see* Raevskii, E.I. 75091
Zhan, M. *see* Zhao, J. 89924
Zhan Borning *see* Deng Youman 111596
Zhan Changqing *see* Changqing Zhan
Zhan Daoyong, Wang Lining, Zhou Hongbin The channel capacity of CDMA mobile communication system 88134
Zhan He, Nose, T., Sato, S. Diffraction and polarization properties of a liquid crystal grating 95840
Zhan Mingchuah *see* Zhao Jijiu 119972
Zhan Qiming *see* Qiming Zhan
Zhan Sui *see* Sui Zhan
Zhan Wen-Shan *see* Wen-Shan Zhan
Zhan Wenlong *see* Wang Jinchuan 69823
Zhan Wenshan *see* Wenshan Zhan
Zhan Xingzhi *see* Xingzhi Zhan
Zhan Xuedong *see* Xuedong Zhan
Zhan Yangqin *see* Hu Hongzhang 95739
Zhan Yinwei A C^2 interpolation scheme over triangulations 60925
Zhan Yushu, Huang Yongnian, Ren Jun, Wang Yingping, Zeng Xiaodong, Zhou Zhikui A new type of technology to diagnose the interior ballistic velocity 79717
Zhan-Hua Huang *see* Yi-Mo Zhang 117819
Zhang, A. *see* Wen, J. 94950
Zhang, B., Bennett, W.R., Gao, C., Rauch, G.C., Blachere, J.R. CoCrTa/CoCrPtTa double-layer films for magnetic recording 115600
Zhang, B. *see* Gao, C. 115757
Zhang, B. *see* Lin, H. 104644
Zhang, B. *see* Morales, M.P. 115601
Zhang, B.C. *see* Zhao, K. 94182
Zhang, B.H., Bo, Z.Q., Aggarwal, R.K., Johns, A.T., Ge, Y.Z. The design and application of optimal reclosure device 111659
Zhang, B.J., Hu, E.Q., Chen, X.Z., Zhou, K.D., Li, L.R. Calculation and analysis of effect of winding structure on electromagnetic force in the end region of turbine generator 102639
Zhang, B.J. *see* Hu, E.Q. 96909
Zhang, B.M. *see* Yan, Z. 70732
Zhang, B.R. *see* Jia, Y.Q. 64910
Zhang, C., Lerch, M.L.F., Martin, A.D., Simmonds, P.E., Eaves, L. Effect of electron-plasmon coupling on resonant tunneling in a double barrier heterostructure 63805
Zhang, C., Wang, Y.Z., Zeng, D.C., Yang, Z.Q., Li, Z.R., Qiao, G.W., Fang, J.R., Chuang, Y.C. Mechanism of texture formation during heat-treatment process in Ag-sheathed Bi-2223 tapes 75295
Zhang, C., Yin, J., Lin, Q., Shui, Y. Adaptive filter based on SAW injection-locked oscillator 106411
Zhang, C. *see* Brunner, O. 79953
Zhang, C. *see* Friedman, D. 109582
Zhang, C. *see* Stoffel, N. 112966
Zhang, C. *see* Varghese, P. 110007
Zhang, C. *see* Xu, W. 74315
Zhang, C.B. *see* Lu, Y.H. 111337
Zhang, C.B. *see* Yeo, T.S. 111103
Zhang, C.H. *see* Pan, D. 110147
Zhang, C.R. *see* Tao, Y.M. 73706
Zhang, C.S. *see* Tang, I.T. 92870
Zhang, C.Y. Robust estimation and image combining 77094
Zhang, D., Elmasry, M.I. A digital perceptron learning implementation with look-up table feedback layer 73601
Zhang, D., Nomura, Y., Fujii, S. Measurement error analysis on position, size and moving velocity of an object image 108693
Zhang, D. *see* Collins, D.M. 105713
Zhang, D. *see* Hampel, G. 83343
Zhang, D. *see* Kolbas, R.M. 85474
Zhang, D. *see* Shields, V.B. 119777
Zhang, D. *see* Yin, J. 106407
Zhang, D. *see* Yin, X.T. 106434
Zhang, D.G., Yung, E.K.N., Ding, H.Y. Dispersion characteristics of a novel shielded periodic meander line 73620
Zhang, D.H., Yoon, S.F., Radhakrishnan, K., Han, Z.Y. Photoluminescence and dark current of p-doped InGaAs/$Al_xGa_{1-x}As$ strained multiple quantum wells 83919
Zhang, D.H. *see* Li, C.Y. 103853
Zhang, D.H. *see* Ma, H.L. 94376
Zhang, D.H. *see* Wang, J.J. 62769
Zhang, F.-P. *see* Xu, S.-H. 83986
Zhang, F.C., Singh, J., Bhattacharya, P.K. Surface phenomena and kinetics of $Si_{1-x}Ge_x/Si$ ($0\leq x<1$) growth by molecular beam epitaxy using Si_2H_6 and Ge/GeH_4 82700
Zhang, F.L. *see* Xun Wang 63301
Zhang, F.P. *see* Lu, E.D. 83985
Zhang, F.P. *see* Lu, E.D. 114943
Zhang, F.W. *see* Feng, J.Y. 83841
Zhang, G. *see* Braun, B. 116458
Zhang, G. *see* Fluck, R. 65154
Zhang, G. *see* Fluck, R. 107222
Zhang, G. *see* Honninger, C. 116461
Zhang, G. *see* Jung, I.D. 116708
Zhang, G. *see* Kopf, D. 96227
Zhang, G. *see* Siegner, U. 114638
Zhang, G. *see* Tsang, L. 80593
Zhang, G. *see* Wu, Q. 121302
Zhang, G. *see* Zhou, C. 86939
Zhang, G.J. *see* Horinouchi, S. 76150
Zhang, G.J. *see* Horinouchi, S. 76261
Zhang, G.J. *see* Horinouchi, S. 85674
Zhang, G.J. *see* Horinouchi, S. 116724
Zhang, G.J. *see* Wu, Q. 121303
Zhang, G.M. Higher order nonlinear response in random resistor networks: numerical studies for arbitrary nonlinearity 61591
Zhang, G.M. *see* Liu, Y.W. 90115
Zhang, G.Z. *see* Katsuragawa, M. 96644
Zhang, H., Knightly, E.W. A new approach to support delay-sensitive VBR video in packet-switched networks 118214
Zhang, H. *see* Bennett, J.C.R. 118054
Zhang, H. *see* Boshra, M. 86779
Zhang, H. *see* Brucknor, V. 116240
Zhang, H. *see* Ma, Q. 118163
Zhang, H. *see* Parris, C. 77800
Zhang, H. *see* Velikov, D. 115046
Zhang, H. *see* Velikov, D. 115085
Zhang, H. *see* Wang, Y. 107645
Zhang, H. *see* Zou, Y.F. 92677
Zhang, H.W., Wang, H.C., Kim, H.J. Analysis of a new coupled thin-film shield-biased magnetoresistive head 64391
Zhang, H.Y., He, X.H., Shih, Y.H., Schurman, M., Peng, Z.C., Stall, R.A. The study of nonlinear optical effects of GaN and AlGaN epitaxial films 116707
Zhang, J., Cao, L.J. The study on flow electrification of oil-cellulose insulating system in large power transformer 81509
Zhang, J., Fill, E.E., Li, Y., Schlogel, D., Steingruber, J., Holden, M., Tallents, G.J., Demir, A., Zeitoun, P., Danson, C., Norreys, P.A., Walsh, F., Key, M.H., Lewis, C.L.S., McPhee, A.G. High-gain X-ray lasing at 11.1 nm in sodiumlike copper driven by a 20-J, 2-ps Nd:glass laser 96102
Zhang, J., Lees, A.K., Taylor, A.G., Raisbeck, D., Shukla, N., Fernandez, J.M., Joyce, B.A., Pemble, M.E. In-situ monitoring of Si and SiGe growth on Si(001) surfaces during gas-source molecular beam epitaxy using reflectance anisotropy 103864
Zhang, J., Mathew, R., Oghanna, W. Analysis of two-dimension saturation for simulation in DC traction motors 112565
Zhang, J., Raisanen, A.V. Improving the CAD of SRD frequency multipliers 93806
Zhang, J., Taylor, A.G., Lees, A.K., Fernandez, J.M., Joyce, B.A., Raisbeck, D., Shukla, N., Pemble, M.E. Dynamic changes in reflectance anisotropy from the Si(001) surface during gas-source molecular-beam epitaxy 61290
Zhang, J., White, R.M. Topological coupling in spin valve type multilayers 115631
Zhang, J. *see* Cathignol, D. 111374
Zhang, J. *see* Chuangtian Chen 65518
Zhang, J. *see* Daido, H. 96101
Zhang, J. *see* Fernandez, J.M. 103925
Zhang, J. *see* Joyce, B.A. 103922
Zhang, J. *see* King, T.L. 107829
Zhang, J. *see* Matsumura, A. 62821
Zhang, J. *see* Naji, O. 103867
Zhang, J. *see* Tompkins, M.W. 107830
Zhang, J. *see* Xiong, S. 84444
Zhang, J. *see* Zhu, W. 90342
Zhang, J. *see* Baldwin, G.L. *(editor)* 72053
Zhang, J.-G. Novel all-optical time-division multiple-access technique for multirate data communications 68492
Zhang, J.-G. Address codes for use in all-optical CDMA systems 78872
Zhang, J.-G. High-speed optical fiber networks using code division multiple access for future real-time computer communications 98701
Zhang, J.-G. *see* Bechinger, C. 95814
Zhang, J.-Y. *see* Rossi, M. 104714
Zhang, J.F. *see* Al-kofahi, I.S. 95029
Zhang, J.F. *see* Cui, J.B. 82747
Zhang, J.L. *see* Weerasooriya, S. 115801
Zhang, J.M., Li, X.C., Qu, C.K. Error bounds for asymptotic solutions of second-order linear difference equations 72684

Zhang, J.M., Shen, S.C., Guo, S.P., Yuan, S.X. Annealing effects of As$^+$-implanted CdTe epilayers 105538
Zhang, J.M. *see* Guo, S.P. 63218
Zhang, J.M. *see* Koshka, J. 114583
Zhang, J.M. *see* Wang, H.B. 75348
Zhang, J.P., Chu, D.Y., Wu, S.L., Bi, W.G., Tiberio, R.C., Tu, C.W., Ho, S.T. Directional light output from photonic-wire microcavity semiconductor lasers 85522
Zhang, J.P. *see* Brehmer, D.E. 63561
Zhang, J.P. *see* Wang, M.G. 107355
Zhang, J.Q., Zhao Xinmin, Sun Jianwei An automatic compensation algorithm of quasi-synchronous sampling for distorted power measurement 111700
Zhang, J.Q., Zhao Xinmin, Sun Jinwei, Hu Xiao Sinewave fit algorithm based on total least-squares method 117414
Zhang, J.R., Gu, B.X. Magnetic properties of amorphous $Nd_4(Fe_{1-x}Cr_x)_{77.5}B_{18.5}$ alloy 95352
Zhang, J.S. *see* Lo, T.C. 84567
Zhang, J.Y. *see* Shen, D.Z. 76110
Zhang, J.Z., Dong, W., Wang, Y.Y. Theoretical and experimental investigations on microstrip active array antennas and power combiners 76651
Zhang, K., Butler, C., Yang, Q., Lu, Y. A fibre optic sensor for the measurement of surface roughness and displacement using artificial neural networks 110195
Zhang, K. *see* Gong, L. 82004
Zhang, K. *see* Gong, L. 101398
Zhang, K. *see* Tran, A.T.T.D. 89053
Zhang, K.X., Osburn, C.M., Hames, G., Parker, C., Bayoumi, A. A 0.25 μm MOSFET technology using in-situ rapid thermal gate dielectrics 63718
Zhang, L., Manthiram, A. Fabrication and magnetic properties of chains composed of spherical iron particles 115524
Zhang, L., Myslinski, P., Chrostowski, J., Hua, H., Berolo, O., Lee, J., Harlow, F. Ten-GHz MMIC predistortion circuit for improved dynamic range of broadband analog fiber-optic link 78660
Zhang, L., O'Hara, T.J., Michal, M.G. Microstructure of hydride alloy and its effects on cyclic performance of nickel-metal hydride batteries 71644
Zhang, L. *see* Choi, T. 78012
Zhang, L. *see* Goodson, T. 85683
Zhang, L. *see* Harper, P. 65460
Zhang, L. *see* Huhse, D. 116466
Zhang, L. *see* Lobo Ribeiro, A.B. 69212
Zhang, L. *see* Mitzel, D.J. 87792
Zhang, L. *see* Molony, A. 68482
Zhang, L. *see* Prasannan, B. 70788
Zhang, L. *see* Rao, Y.J. 69206
Zhang, L. *see* Rao, Y.J. 119714
Zhang, L. *see* Rao, Y.T. 69208
Zhang, L. *see* Schmidt, P.V. 90179
Zhang, L. *see* Wang, M.C. 65716
Zhang, L. *see* Watthanasarn, C. 112069
Zhang, L. *see* Watthanasarn, C. 121763
Zhang, L. *see* Williams, J.A.R. 75445
Zhang, L. *see* Zheng, Q. 116710
Zhang, L.-T. *see* Zhao, Y.-G. 107323
Zhang, L.H. *see* Jones, K.S. 62680
Zhang, L.M., Ackerman, D.A., Hybertsen, M.S. Side mode suppression ratio for 1.3 μm loss coupled DFB lasers with large loss coupling coefficient 96362
Zhang, L.M. *see* Ackerman, D.A. 68907
Zhang, L.M. *see* Ackerman, D.A. 96360
Zhang, L.S., Sheriff, R.E., Hu, Y.F. Simulation of traffic characteristics of non-geostationary satellite systems 119106
Zhang, L.S., Sun, X.L. An algorithm for minimizing a class of locally Lipschitz functions 82487
Zhang, L.S. *see* Giancristofaro, D. 88183
Zhang, L.Y. *see* Liu, H.L. 96737
Zhang, L.Z. *see* Jia, Y.Q. 64910
Zhang, M. *see* Conn, D. 106856
Zhang, M. *see* He, J. 99019
Zhang, M.J., Zhang, S., Zheng, J.G. The dependence of residual stress and warps of Si wafers on the process technique 95102
Zhang, M.Q. *see* Hui, S.Y.R. 61531
Zhang, M.T., Lee, F.C. Commutation analysis of self-driven synchronous rectifiers in an active-clamp forward converter 121644
Zhang, M.T., Watson, R., Lee, F.C., Roudet, J., Schanen, J.-L., Clavel, E. Characterization and analysis of electromagnetic interference in a high frequency AC distributed power system 121732
Zhang, N. *see* Zhang, Q.-X. 99644
Zhang, N.F., Postek, M.T., Larrabee, R.D., Carroll, L., Keery, W.J. A new algorithm for the measurement of pitch in metrology instruments [lithography] 115058
Zhang, P., Myung-Sung Lee, Yang-Ho Choi, Jong-Taek Oh The interference analysis of a direct sequence spread-spectrum cellular radio system 78439
Zhang, Q., Gomi, M., Itoh, T., Abe, M. Ferrite plating of Fe_3O_4 films on expanded polytetrafluoroethylene modified by Xe excimer lamp 75148
Zhang, Q., Lewin, P.A. PVDF polymers: imaging transducers and ultrasonic hydrophone probes 110768
Zhang, Q. *see* Basseville, M. 111788
Zhang, Q. *see* Brown, R.D. 109726
Zhang, Q. *see* Dixon, G.J. 65517
Zhang, Q. *see* Kobayashi, Y. 98560
Zhang, Q. *see* Lewin, P.A. 90570
Zhang, Q. *see* Trullemans, A.-M. 73236
Zhang, Q. *see* Yen, J.C. 61798
Zhang, Q. *see* Yen, J.C. 115370
Zhang, Q.-X., Zhang, N. A parallel signal processing system for HF ground wave radar 99644
Zhang, Q.D. *see* Chen, S.X. 115781
Zhang, Q.D. *see* Liu, Z.J. 115792
Zhang, Q.J., Schwarz, K.-P. Estimating double difference GPS multipath under kinematic conditions 68764
Zhang, Q.J. *see* Khazaka, R. 65923
Zhang, Q.J. *see* Kolbehdari, M.A. 116802
Zhang, Q.M., Xuecang Geng Electric field forced vibration of a periodic piezocomposite plate with laminated structure and reflection and transmission of a plane wave at the fluid-composite interface 106354
Zhang, Q.M. *see* Fernandez, J.F. 72978
Zhang, Q.T. Outage probability in cellular mobile radio due to Nakagami signal and interferers with arbitrary parameters 68113
Zhang, Q.T. Some closed-form solutions to the equal gain combiner over Rayleigh fading channels 119038
Zhang, Q.T., Tan, L. Performance optimization of asynchronous FFH SSMA systems over multipath Rayleigh channels subject to practical constraints 118802
Zhang, R., Celik-Butler, Z. Detection of via electromigration in VLSI circuit metallizations by 1/f noise measurements 105728
Zhang, R., Davis, P., Hairapetian, G., Hogan, M., Joshi, C., Lampel, M., Park, S., Pellegrini, C., Rosenzweig, J., Travish, G. Initial operation of the UCLA plane wave transformer (PWT) linac 89605
Zhang, R., Hiti, S., Lee, F.C., Boroyevic, D. A three-phase ZVT boost rectifier with improved analog controller 121612
Zhang, R. *see* Davis, P. 89606
Zhang, R. *see* Lampel, M. 89679
Zhang, R. *see* Liu, J.I. 105688
Zhang, R. *see* Shi, Y. 83943
Zhang, R. *see* Yang, K. 105188
Zhang, R.Q., Wang, W.L., Esteve, J., Bertran, E. Structural modeling of the possible growth of oriented textured single-crystal diamond film on a silicon (111) surface 92768
Zhang, S., Burns, A. Guaranteeing synchronous message sets in FDDI networks 87780
Zhang, S., Franke, J.E., Niemczyk, T.M., Haaland, D.M., Cox, J.N., Banerjee, I., Gee, J., Dang, T., Puich, M. Multivariate classification of BPSG thin films using Mahalanobis distances 60689
Zhang, S., Kiyono, S., Uda, Y., Mito, M. Development of measurement system of angular profile of the polygon mirror surface 89496
Zhang, S., Nagarajan, R., Petersen, A., Bowers, J. 40 Gbit/s fiber optic transmission systems: are solitons needed? 109613
Zhang, S., Sakamoto, Y., Kawashima, T. Multiresolution image segmentation by adaptive region growing 86985
Zhang, S., Wright, G., Kingston, M.A., Rolfe, P. Improved performance of intravascular pO_2 sensor incorporating poly(MPC-co-BMA) membrane 101064
Zhang, S. *see* Levy, P.M. 75207
Zhang, S. *see* Zhang, M.J. 95102
Zhang, S. *see* Zhao, S. 116423
Zhang, S.-L. *see* Cardenas, J. 92706
Zhang, S.L., D'Heurle, F.M. Precisions on reaction monitoring from in-situ resistance measurements: relations between such measurements and actual reaction kinetics 110321
Zhang, S.L., O'Reilly, J.J. Modelling of stimulated Brillouin scattering effects on optical fibre supported millimeter-wave systems 88518
Zhang, S.M. *see* Chen, J.X. 84342
Zhang, S.Y. Review of longitudinal perturbation formalism 90008
Zhang, S.Y., Shan, Z.S., Liu, Y., Sellmyer, D.J., Zhao, T.Y., Zhao, J.G., Shen, B.G. High coercivity SmFeSiC films fabricated by multilayer sputtering 115851
Zhang, S.Y. *see* Blaskiewicz, M. 79926
Zhang, S.Y. *see* Fu, S.W. 111371
Zhang, S.Z., Margalit, N.M., Reynolds, T.E., Bowers, J.E. 1.55 μm vertical cavity laser transmission over 200 km at 622 Mbit/s 96406
Zhang, T., Kato, Y., Daido, H. Numerical study of fourth-harmonic generation of a picosecond laser pulse with time predelay 76265
Zhang, T. *see* Cheung, W.N. 85317
Zhang, T. *see* Dahua Zhang 85262
Zhang, T. *see* Inoue, A. 115582
Zhang, T. *see* Sang, N. 108660
Zhang, T. *see* Taubin, G. 66789
Zhang, T. *see* Zou, Y.F. 92677
Zhang, T.-C. *see* Marin, F. 96321
Zhang, T.B., Marshall, T.C. Electron orbits in the microwave inverse FEL accelerator (MIFELA) 107378
Zhang, T.B., Marshall, T.C. A microwave inverse Cherenkov accelerator (MICA) 110478
Zhang, T.B., Marshall, T.C., LaPointe, M.A., Hirshfield, J.L., Ron, A. Microwave inverse Cerenkov accelerator 110515
Zhang, T.H. *see* Sadwick, L.P. 74052
Zhang, W. Backward and forward scattering by the melting layer composed of oblate spheroidal hydrometeors at 5-100 GHz 65840
Zhang, W., Ning, Y.N., Palmer, A.W., Grattan, K.T.V. Effect of coupling condition on vibration-induced noise in fiber lead used in an optical current measurement system 100086
Zhang, W., Salonen, E.T. Bistatic scattering of radiowaves by a melting layer of precipitation 97094
Zhang, W. *see* Adzic, G.D. 71642
Zhang, W. *see* Billinton, R. 80784
Zhang, W. *see* Billinton, R. 121034
Zhang, W. *see* Forsyth, E.B. 100721
Zhang, W. *see* Kanold, P. 99756
Zhang, W. *see* Mane, V. 89987
Zhang, W. *see* Mukerjee, S. 71643
Zhang, W. *see* Selinger, Th. 68892
Zhang, W. *see* Shi, Z. 92775
Zhang, W. *see* Zheng, G.F. 81903
Zhang, W. *see* Zhuang, B. 107647
Zhang, W.E., Fu-Cheng Wang, Yang, C.H. Design and modeling of a new silicon-based tunneling field-effect transistor 105952
Zhang, W.E. *see* Fu-Cheng Wang 105309
Zhang, W.X. Antenna theory and applications in China 66030
Zhang, W.X. *see* Shi, W.M. 114261
Zhang, W.X. *see* Tsang, K.F. 97254
Zhang, X., Gutierrez-Aitken, A.L., Klotzkin, D., Bhattacharya, P., Caneau, C., Bhat, R. 0.98 μm multiquantum well tunnelling injection lasers with ultra-high modulation bandwidths 107245
Zhang, X., Haddad, G.I., Sun, J.P., Kushaa, A., Sung, C.Y., Norris, T. Population inversion in step quantum wells at 10 μm wavelength 62907
Zhang, X., Haralick, R.M., Ramesh, V., Bedekar, A.S. A Bayesian corner detector: theory and performance evaluation 77154
Zhang, X., Ho, J.R., Grigoropoulos, C.P. Excimer laser induced heating, melting, and mass diffusion in crystal silicon in nanosecond and nanometer scale 105553
Zhang, X., Iwakura, H. Design of IIR Nyquist filters with zero intersymbol interference 114118
Zhang, X., Jorgensen, B.F. Analysis of polarization-insensitive optical phase conjugation in a dispersion-shifted fiber 76186
Zhang, X., Lin, J., Zhou, X., Daryoush, A. Characterization of phase noise in HBT based microwave oscillators 73693
Zhang, X., Shinada, Y. A second-order active bandpass filter with complex coefficients and its applications to the Hilbert transform 114073
Zhang, X., Walker, D., Saxler, A., Kung, P., Xu, J., Razeghi, M. Observation of inversion layers at AlN-Si interfaces fabricated by metal organic chemical vapour deposition 94633
Zhang, X., Yuan, Y., Gutierrez-Aitken, A., Bhattacharya, P. GaAs-based multiple quantum well tunneling injection lasers 116534
Zhang, X. *see* Chang, Z. 90243
Zhang, X. *see* Daryoush, A.S. 88583
Zhang, X. *see* Desu, S.B. 104146
Zhang, X. *see* Grant, P.W. 61004
Zhang, X. *see* Gutierrez-Aitken, A.L. 109619
Zhang, X. *see* Han, X. 68706
Zhang, X. *see* Hu, Z. 64318
Zhang, X. *see* Kung, P. 100008
Zhang, X. *see* Kung, P. 113291
Zhang, X. *see* Mammone, R.J. 100143
Zhang, X. *see* Saxler, A. 100009
Zhang, X. *see* Wang, Y. 107645
Zhang, X. *see* Yang, K. 105893
Zhang, X. *see* Yin, J.H. 98246
Zhang, X. *see* Zhao, S. 116423
Zhang, X.-C., Jin, Y. Generation of THz radiation from semiconductors 97322
Zhang, X.-C. *see* Sun, F.G. 69468
Zhang, X.-C. *see* Wu, Q. 69109
Zhang, X.-C. *see* Wu, Q. 79684
Zhang, X.-C. *see* Wu, Q. 95822
Zhang, X.-C. *see* Wu, Q. 110340
Zhang, X.-D. *see* Lee, J.-H. 85462
Zhang, X.-J. *see* Beard, W.T., Jr. 82303
Zhang, X.-M., Zheng, Y. Auto-correlations and new bounds on the nonlinearity of Boolean functions 76833
Zhang, X.C. Generation and detection of terahertz electromagnetic pulses from semiconductors with femtosecond optics 74253
Zhang, X.H. *see* Lucas, J. 115990
Zhang, X.K. *see* Sung, C.Y. 63079
Zhang, X.K. *see* Sung, C.Y. 116564
Zhang, X.K. *see* Wu, X.L. 83959
Zhang, X.M. *see* Fernandez, J.M. 103925
Zhang, X.R. *see* Fu, S.W. 111371
Zhang, X.X., Bass, M., Chai, B.H.T., Johnson, P.J., Oles, J.C. Lamp-pumped laser performance of Nd^{3+}:$Sr_5(PO_4)_3F$ operating both separately and simultaneously at 1.059 and 1.328 μm 96183
Zhang, X.X., Hernandez, J.M., Kroll, E.C., Ziolo, R., Tejada, J. Low temperature magnetic relaxation and quantum tunneling in nanocrystalline particles 75162
Zhang, X.X. *see* Sole, R. 64339
Zhang, X.X. *see* Sun, D.C. 61275

Zhang, X.Y. *see* Lu, E.D. 83985
Zhang, X.Y. *see* Lu, E.D. 114943
Zhang, Y., Ichinose, H., Ito, K., Ishida, Y., Nakanose, M. Grain boundary structure and growth sequence of diamond thin film 92830
Zhang, Y., Leung, H., Lo, T., Litva, J. Distributed sequential nearest neighbour multitarget tracking algorithm 109743
Zhang, Y., Miller, R., Ryder, D.M., Thomson, E.T. Industrial applications of photoconductive high voltage switch 81562
Zhang, Y., Po, L.-M. Fractal image coding in multidimensional color space using weighted vector distortion measure 86704
Zhang, Y., Tavrin, Y., Krause, H.-J., Bousack, H., Braginski, A.I., Kalberkamp, U., Matzander, U.H., Burghoff, M., Trahms, L. Applications of high-temperature SQUIDs 64553
Zhang, Y. *see* Brown, R.D. 109726
Zhang, Y. *see* Burghoff, M. 101073
Zhang, Y. *see* El-Bakry, A.S. 72517
Zhang, Y. *see* El-Bakry, A.S. 82508
Zhang, Y. *see* Liao, G. 68654
Zhang, Y. *see* Szymanski, J.J. 110589
Zhang, Y. *see* Tapia, R. 103763
Zhang, Y. *see* Wang, L. 95625
Zhang, Y. *see* Wrobel, M.C. 101007
Zhang, Y.-F., Yang, C.L. An effective method of far-field reconstruction from Fresnel field 66043
Zhang, Y.-Q., Lee, X. Feature-based motion estimation 98181
Zhang, Y.-S. *see* Zhao, Y.-G. 107323
Zhang, Y.D., Budnick, J.I., Hines, W.A., Yang, D.P. Study of the nitrogen diffusion mechanism in R_2Fe_{17} 64217
Zhang, Y.D. *see* Shen, N.X. 64321
Zhang, Y.G., Li, A.Z., Chen, J.X. Improved performance of InAlAs-InGaAs-InP MSM photodetectors with graded superlattice structure grown by gas source MBE 69185
Zhang, Y.G., Li, X.L., Li, A.Z., Milnes, A.G. Characterization of Schottky contacts on n type 6H-SiC 105478
Zhang, Y.G. *see* Chen, J.X. 103897
Zhang, Y.H. *see* Chen Qianwang 61311
Zhang, Y.J. A survey on evaluation methods for image segmentation 86355
Zhang, Y.J., Ho, S.L., Xie, G.D., Wong, H.C. 3D magnetostatic field computation of a permanent magnet disc-type generator using scalar potential method 102641
Zhang, Y.L., Xie, X.S., Mo, D., Pun, E.Y.B., Shi, L.P. Growth and photorefractive properties of Mn-doped $(KNa)_{0.1}(Sr_{0.6}Ba_{0.4})_{0.9}Nb_2O_6$ crystals 75386
Zhang, Y.M. *see* Baldini, A. 62650
Zhang, Y.M. *see* Terzioglu, E. 115923
Zhang, Y.P., Hwang, Y., Sheng, J.H. Propagation characteristics of UHF simulcast signals in tunnel environments 116917
Zhang, Y.X. *see* Sun, H.B. 65231
Zhang, Y.Z. *see* Sadwick, L.P. 74052
Zhang, Z., Daping Yao, Shang, J.K. Fatigue crack initiation in solder joints 82176
Zhang, Z., Hammel, P.C., Moore, G.J. Application of a novel rf coil design to the magnetic resonance force microscope 119620
Zhang, Z., Hintz, K.J. OGUPSA sensor scheduling architecture and algorithm 117353
Zhang, Z., Kulakov, M.A., Bullemer, B., Eisele, I., Zotov, A.V. Epitaxial growth of ultrathin Si caps on Si(100):B surface studied by scanning tunneling microscopy 82671
Zhang, Z., Yagi, T. Regenerative amplification of femtosecond pulses at 745 nm in Ti:sapphire 65115
Zhang, Z., Zhu, Y., Zhu, G., Cao, H., Xue, D. Hybrid fractal image coding method 86546
Zhang, Z. *see* Daping Yao 82177
Zhang, Z. *see* Eisele, K. 79756
Zhang, Z. *see* Fu, S.W. 111371
Zhang, Z. *see* Jin, S. 114864
Zhang, Z. *see* McLaren, P.G. 81140
Zhang, Z. *see* McLaren, P.G. 81146
Zhang, Z. *see* McLaren, P.G. 102261
Zhang, Z. *see* Mclaren, P.G. 102274
Zhang, Z. *see* Morin, T.L. 82470
Zhang, Z. *see* Rabalais, J.W. 61287
Zhang, Z. *see* Xue, D. 86552
Zhang, Z. *see* Yong, Y.-K. 106380
Zhang, Z.D. *see* Zhao, T. 75137
Zhang, Z.D. *see* Zhi-Qiang Jin 64319
Zhang, Z.G. *see* Feng, W. 65505
Zhang, Z.X., Pun, E.Y.B., Chung, P.S., Shen, Y.Q. Doped polymer films with high nonlinear refractive indices 69536
Zhang, Z.X. *see* Shiqiu Cheng 107369
Zhang, Z.Y. *see* Hu, Y.L. 79516
Zhang, Z.Z., Ansari, N. Structure and properties of generalized adaptive neural filters for signal enhancement 86959
Zhang Aihua *see* Aihua Zhang
Zhang Bainian *see* Li Yi 82542
Zhang Baocheng *see* Wang Lifang 115969
Zhang Baofen *see* Yao Danya 110443
Zhang Baoguo *see* Li Zuyu 69773
Zhang Baoping *see* Yasuda, T. 74241
Zhang Baoping *see* Baoping Zhang
Zhang Bi *see* Bi Zhang
Zhang Bin *see* Bin Zhang
Zhang Bing *see* Zhou Chunguang 92516
Zhang Bo Functional limit theorems for random sums 60825
Zhang Bo *see* Bo Zhang
Zhang Boming *see* Deng Youman 121105
Zhang Boming *see* Sun Hongbin 80944
Zhang Boming *see* Sun Hongbin 112150
Zhang Bufa *see* Gu Jiahui 69702
Zhang Bulin *see* Lin Gongping 91047
Zhang Buxin *see* Zhang Zaixuan 64664
Zhang Changshui *see* Ni Lin 98196
Zhang Chao *see* Chao Zhang
Zhang Cheng *see* Yang Zongquan 95444
Zhang Cheng-Jian The nonlinear stability of a class of multistage one-step multiderivative methods 103805
Zhang Chengwei *see* Kai Wu 64042
Zhang Chengxiang *see* Zheng Yisong 114710
Zhang Chongren *see* Xue Fangshi 62233
Zhang Chongren *see* Xue Fangshi 62285
Zhang Chongren *see* Chongren Zhang
Zhang Chuanli *see* Ren Lijuan 121534
Zhang Chun-Ping *see* Chun-Ping Zhang
Zhang Chunbin, Zhang Lu, Wu Dezhang ASE in large KrF amplifier 65033
Zhang Chunpin *see* Chen Xiaobo 65432
Zhang Chunping *see* Chunping Zhang
Zhang Chunyan *see* Chunyan Zhang
Zhang Congxia *see* Fan Laiyao 86164
Zhang Cunyan *see* Cunyan Zhang
Zhang Dahua *see* Dahua Zhang
Zhang Dairun About instantaneous reactive power theory in non-sinusoidal asymmetrical circuits 111449
Zhang Dan China sets 1000 MW wind power goal 102533
Zhang Danhong *see* Wang Guicheng 69862
Zhang Daoli *see* He Yubin 71257
Zhang Dawei *see* Gong Ping 95639
Zhang Dawei *see* Dawei Zhang
Zhang De-Heng *see* De-Heng Zhang
Zhang Defu *see* Chen Delai 67589
Zhang Delong *see* Delong Zhang
Zhang Diancheng *see* Qiu Bensheng 86234
Zhang Dili *see* Dili Zhang
Zhang Dixin, Liu Shiliang, Li Detian, Meng Yang, Li Wangkui Leak rate calibration with gas flow standard apparatus 94159
Zhang Dixin *see* Li Wangkui 94160
Zhang Dongbing *see* Dongbing Zhang
Zhang Donghong, Ruan Gang Extraction and utilization of process information from Si wafer maps 63832
Zhang Dongmo *see* Tian Peng 72561
Zhang Dongsheng *see* Dongsheng Zhang
Zhang Duan *see* Yi Hao 67725
Zhang E *see* Tan Dun 89489
Zhang Enguan, Xue Zhichun, Zhang Wenwei, Zhang Kaizhi, Deng Jianjun, Ding Bonan, Tao Zhuchong Long-pulse microwave radiation from large plane diode vircator 114530
Zhang Enyao *see* Tian Qian 79487
Zhang Fan *see* Fan Zhang
Zhang Feng, Cao Zechun Study on the electrical properties of single grain boundaries in $BaTiO_3$ ceramics 95270
Zhang Fulong *see* Fulong Zhang
Zhang Gangshan *see* Gangshan Zhang
Zhang Gengmin *see* Liu Yanwen 73921
Zhang Genxin The capacity calculation of CDMA mobile satellite communication system 119122
Zhang Guang-yin *see* Wang Zhong-he 85433
Zhang Guang-Yin *see* Guang-Yin Zhang
Zhang Guangqiong *see* Guangqiong Zhang
Zhang Guangyin *see* Chen Xiaobo 65432
Zhang Guangyin *see* Guangyin Zhang
Zhang Guangzhao, Ding Hanyi, Ye Hua, Luo Yongjan, Lin Zhencai Progress of the study of mm-wave electric-field cross-correlation spectra 69485
Zhang Guanshen *see* Guanshen Zhang
Zhang Guansheng *see* Chen Wei 99737
Zhang Guansheng *see* Wang Youhua 71580
Zhang Guansheng *see* Wang Youhua 102904
Zhang Guifu *see* Guifu Zhang
Zhang Guilin *see* Guilin Zhang
Zhang Guiyan *see* Geng Jihong 75785
Zhang Guo-Qiang *see* Ren Di-Yuan 95003
Zhang Guochun *see* Yun Xiaohua 62230
Zhang Guohao *see* Guohao Zhang
Zhang Guohu *see* Guohu Zhang
Zhang Guohua Temperature compensation of a capacitive pressure transducer 110093
Zhang Guoping *see* Fu Guangjie 77349
Zhang Guoping *see* Guoping Zhang
Zhang Guoqiang *see* Cui Xiang 102806
Zhang Guoqiang *see* Guoqiang Zhang
Zhang Guowei, Quan Wuyun, Liu Xiaowei, Li Feng, Xiao Qinglin, Chen Shifang, Wang Xilian, Liu Zhenmao Develop infrared thermopile detector made of Bi_2Te_3-Bi_2Se_3-Sb_2Te_3 pseudo-ternary thermoelectric materials 79429
Zhang Guung *see* Song Zhiping 121344
Zhang Hai-Yan *see* Hai-Yan Zhang
Zhang Haibin *see* Haibin Zhang
Zhang Haibo *see* Haibo Zhang
Zhang Haijun, Huang Wenhao, Tu Chengjie, Chu Jiaru Atomic force microscope with optical microscope and CCD monitor 69279
Zhang Hailan *see* Hailan Zhang
Zhang Haining, Dong Xiaoyi, Jin Fahong, Sheng Qiuqin, Gao Limo, Xia Shunbao A new electro-optic modulation based on electric voltage controlled self-focusing effect in BSO crystal 76099
Zhang Haitao, Qiu Zhengding Performance of a multiplexer for bursty input traffic in ATM network 117953
Zhang Hang, Renfors, M. A new symbol synchronizer with reduced timing jitter for QAM systems 77004
Zhang Hang, Renfors, M. A study on symbol synchronization for QAM systems 97419
Zhang Hang, Renfors, M. A study of performance of all-digital symbol synchronizers with polynomial interpolators 117933
Zhang Hanyi *see* Chai Yanjie 96317
Zhang Hanyi *see* Zhang Zhijian 99040
Zhang Hanyi *see* Hanyi Zhang
Zhang Heyong *see* Chen Haijuan 116405
Zhang Hong *see* Hong Zhang
Zhang Hong-Jun *see* Hong-Jun Zhang
Zhang Hong-Yong *see* Hong-Yong Zhang
Zhang Hongbin *see* Hongbin Zhang
Zhang Hongcai *see* Lu Zhengde 66534
Zhang Hongcai *see* Zhang Youmin 70301
Zhang Hongcheng *see* Hongcheng Zhang
Zhang Honghai *see* Honghai Zhang
Zhang HongJiang *see* HongJiang Zhang
Zhang Hongming *see* Zhang Shixun 91159
Zhang Hongxi *see* Hongxi Zhang
Zhang Hongyue *see* Chen Yihong 76892
Zhang Houqi *see* Zhang Shaohua 81330
Zhang Hu Da *see* Da Zhang Hu
Zhang Hua *see* Feng Wenquan 112047
Zhang Hua-Fang *see* Zhang Xin-Yuan 78982
Zhang Huai-wu, Yang Shi-qing, Liu Ying-li, Wang Hao-cai, Kim, H.J. Micromagnetics and signal analysis of shielded spin-valve multilayer 115703
Zhang Huaitao, Zeng Jilun, Shao Yixiang Study of HZT-1 steam turbine zero-dynamic optimal regulator 81321
Zhang Huaiwu, Yang Shiqing, Liu Yingli, Wang Haocai, Zhang Sijun Magneto-optical properties of double layer glass/Al/BiGaDyIG fine grain thin film 116009
Zhang Hui *see* Hui Zhang
Zhang Hui-Zhen *see* Hui-Zhen Zhang
Zhang Huifen *see* Sang Zaizhong 81142
Zhang Huijuan, Peng Yuqing, Shen Xueqin, Yan Weili, Yang Qingxin Numerical calculation and optimization of dynamic characteristics of electromagnets of AC vacuum contactor 102903
Zhang Huiyuan *see* Cao Kang 79691
Zhang Ji *see* He Jinliang 70984
Zhang Ji *see* Weihan Wu 70989
Zhang Jian, Liu Bo, Wu Liying, Sun Liankui, Gong Hai Optical integrated testing instrument for pipe interior parameter measurement and inspection 79257
Zhang Jian, Wang Jianhua, Luo Xianhan A 512-channel digital autocorrelation spectrometer for interstellar molecular line observation 119345
Zhang Jian *see* Liu Bo 67343
Zhang Jian *see* Wu Liying 79560
Zhang Jian *see* Jian Zhang
Zhang Jian-Guo *see* Jian-Guo Zhang
Zhang Jian-Ren *see* Jian-Ren Zhang
Zhang Jiandi *see* Jiandi Zhang
Zhang Jianfeng *see* Zheng Shaoren 118730
Zhang Jiangling *see* Jin Hai 117232
Zhang Jiangling *see* Jiangling Zhang
Zhang Jiangnan *see* Wang Changliang 78032
Zhang Jianguo *see* Jianguo Zhang
Zhang Jianhua, Ye Shanghui A feature-based integration method of a modeling system and finite element analysis 82560
Zhang Jianming *see* Wang Lei 81058
Zhang Jianquan *see* Tu Qinfen 65014
Zhang Jianxin *see* Jianxin Zhang
Zhang Jianzhong *see* Jianzhong Zhang
Zhang Jiaqin *see* Jiaqin Zhang
Zhang Jiasen *see* Jiasen Zhang
Zhang Jiayan, Yue Jinjie The design and applications of the automatic weighing system for automotive 110400
Zhang Jie *see* Huang Wenzhong 96202
Zhang Jihua *see* Jihua Zhang
Zhang Jin *see* Jin Zhang
Zhang Jin-Fa *see* Jin-Fa Zhang
Zhang Jing, Wang Tingbu The application of remote data unit in county load management automatic system 91049
Zhang Jing *see* Jing Zhang
Zhang Jing Bing Computer-aided visual inspection for integrated quality control 94095
Zhang Jingwen *see* Jingwen Zhang
Zhang Jinlin *see* Gu Jianzheng 76956
Zhang Jinlin *see* Wang Xiaozhen 62643
Zhang Jinsheng *see* Pan Jiazheng 71165
Zhang Jinshu *see* Jinshu Zhang
Zhang Jinxia *see* Hua Hui 69820
Zhang Jinyu *see* Chen Xianlu 91212
Zhang Jiqing *see* Jiqing Zhang
Zhang Jisheng *see* Jisheng Zhang
Zhang Jun *see* Fan Weibing 80586
Zhang Jun *see* Fang Zhenhe 99636
Zhang Jun *see* Jin Xiaomin 106858
Zhang Jun *see* Pan Qing 65157
Zhang Jun *see* Jun Zhang
Zhang Jun-Xian *see* Jun-Xian Zhang

Zhang Junxian *see* Shen Baogen 64476
Zhang Junzhou *see* Jiang Chun 75874
Zhang Kai *see* Kai Zhang
Zhang Kai-Ming *see* Kai-Ming Zhang
Zhang Kaizhi *see* Zhang Enguan 114530
Zhang Kan, Xiang Qiangsheng, Xu Anshi, Wu Deming, Xie Linzhen 12-channel, 240 km "WDM+EDFA" optical fiber transmission system 88544
Zhang Kan *see* Kan Zhang
Zhang Kecun *see* Kecun Zhang
Zhang Kejian *see* Sang Wenbin 105169
Zhang Keqian *see* Jin Xiaomin 106858
Zhang Kezhao *see* Kezhao Zhang
Zhang Kuan *see* Kuan Zhang
Zhang Kuanshou *see* Huang Maoquan 65159
Zhang Kuanshou *see* Kuanshou Zhang
Zhang Kuiwei *see* Kuiwei Zhang
Zhang Lan *see* Lan Zhang
Zhang Lanting *see* Mao Dali 104889
Zhang Lei *see* Wang Wei 73094
Zhang Li *see* Li Jinfu 104308
Zhang Li *see* Li Zhang
Zhang Lianbo *see* Lianbo Zhang
Zhang Liang, Hu Bo, He Songhua A global memory multiprocessor system with a programmable interconnection network 119314
Zhang Liang *see* Li Yimin 95938
Zhang Liangmin *see* Liangmin Zhang
Zhang Liangying *see* Kong Lingbing 69112
Zhang Liangying *see* Sun Ping 64094
Zhang Liangying *see* Liangying Zhang
Zhang Libing *see* Libing Zhang
Zhang Lichun *see* Zhao Baoying 105901
Zhang Lichun *see* Lichun Zhang
Zhang Lifen *see* Wang Mingchang 96498
Zhang Lifeng *see* Zhu Junbiao 62549
Zhang Liming, Wei Caiping, Zheng Shirong Algorithm design and analysis of image reconstruction from Compton backscatter 67351
Zhang Liming *see* Liming Zhang
Zhang Lin *see* Lin Zhang
Zhang Liyun *see* Xu Zhengshan 111695
Zhang Lu, Liu, J.Z., Chang, I.C., Shelton, R.N. Dissipative quantum-creep studies in single-crystal $La_2CuO_{4+\delta}$ 75327
Zhang Lu *see* Zhang Chunbin 65033
Zhang Maojun, Hu Xiaofeng, Yang Bing, Ku Xishu Fast algorithms for compositing multi-way compressed video 98103
Zhang Mian *see* Mian Zhang
Zhang Min *see* Min Zhang
Zhang Ming *see* Ming Zhang
Zhang Ming Fang *see* Ming Fang Zhang
Zhang Ming-Sheng *see* Ming-Sheng Zhang
Zhang Mingke *see* Zheng Yuxia 96181
Zhang minglian *see* Hao Jiankang 80733
Zhang Naitong *see* Sha Xuejun 118159
Zhang Ning *see* Ning Zhang
Zhang Peihong *see* Gong Guoli 64157
Zhang Pengfei, Hou Dongyan, Yang Jingming, Tsien Pei-Hsin, Tai-Chin Lo Formation and inhibition of morphological imperfections in infrared ZMR-SOI 84060
Zhang Penghua *see* Penghua Zhang
Zhang Ping *see* Li Xing Ming 118816
Zhang Ping *see* Xiang Jiying 119729
Zhang Ping *see* Ping Zhang
Zhang Pingwen Convergence of vortex methods in a bounded domain using linear finite elements 113249
Zhang Pu *see* Pu Zhang
Zhang Qi *see* Qi Zhang
Zhang Qi Lin *see* Bezotosny, V.V. 75916
Zhang Qi-Jun *see* Qi-Jun Zhang
Zhang Qi-Ming *see* Wu Xiao-Bo 79533
Zhang Qian *see* Qian Zhang
Zhang Qian-Yu *see* Qian-Yu Zhang
Zhang Qiang *see* Dai Jianming 75871
Zhang Qiang *see* Qiang Zhang
Zhang Qiguang *see* Tian Nailiang 96854
Zhang Qiming, Qian Sheng F-net oriented advanced integrated substation automation system 81644
Zhang Qiming *see* Qiming Zhang
Zhang Qin The accuracy determination in random simulation of reliability evaluation [of power systems] 111450
Zhang Qin *see* Qin Zhang
Zhang Qing *see* Qing Zhang
Zhang Qingfan *see* Ye Zifeng 100400
Zhang Qingxin *see* Qingxin Zhang
Zhang Qipei *see* Wu Zhongxi 80769
Zhang Qiren *see* Huang Wenzhong 96202
Zhang Qiren *see* Wu Deyong 65012
Zhang Qirui *see* Chen Bin 61513
Zhang Qishao *see* Shen Liying 97340
Zhang Qiudao *see* Chen Zhenning 112246
Zhang Qixin, Wu Jianqiang, Feng Youbin, Luo Jianwei, Qiang Xifu, Sun Shiyu, Li Zhongping Research on frequency tracking for an current feedback ultrasonic generator 80688
Zhang Qiyun *see* Chen Rong 82767
Zhang Quansheng *see* Zhang Zhijian 109315
Zhang Quing *see* Quing Zhang
Zhang Rong *see* Rong Zhang
Zhang Rongxiang, Meng Junyi, Wang Chunlin A new type of angle acceleration sensor 79343
Zhang Ruifang *see* Ruifang Zhang
Zhang Ruiming *see* Ruiming Zhang
Zhang Rumin *see* Rumin Zhang
Zhang Ruo *see* Ruo Zhang
Zhang Shao Ren *see* Guo Chuan Xiong 118304
Zhang Shaohua, Yan Maosong, Cheng Daoping, Zhang Houqi, Tao Yuhua, Wang Qinfen Systematic planning and optimization for gas turbine plants in Shanghai power system 81330
Zhang Shaojun *see* Sun Lianke 65116
Zhang Shaojun *see* Wang Qingpu 96162
Zhang Shaojun *see* Zhao Shengzhi 65149
Zhang Shaojun *see* Shaojun Zhang
Zhang Sheng *see* Sheng Zhang
Zhang Sheng-Liang *see* Sheng-Liang Zhang
Zhang Shenjun *see* Shenjun Zhang
Zhang Shi Ming *see* Shi Ming Zhang
Zhang Shi-Chang *see* Shi-Chang Zhang
Zhang Shi-Li *see* Shi-Li Zhang
Zhang Shichang, Peng Guanghua The design of TE_{01} to TE_{1n} mode converters 62212
Zhang Shichang *see* Luo Jirun 62619
Zhang Shixun, Zhang Hongming Analysis of large capacity underground transmission techniques 91159
Zhang Shiyu *see* Shiyu Zhang
Zhang Shuang-Shuang *see* Shuang-Shuang Zhang
Zhang Shudan *see* Huang Zhongping 73983
Zhang Shuhong *see* Shuhong Zhang
Zhang Shujing *see* Zhou Zigang 118453
Zhang Shukui, Wen Gujoqing, Zhou Pizhang, Wang Qingyue, Peng Hansheng Efficient second-harmonic generation of femtosecond Ti:sapphire laser pulses 116695
Zhang Shulian *see* Shulian Zhang
Zhang Shuqing *see* Shuqing Zhang
Zhang Shuqun *see* Shuqun Zhang
Zhang Shuying *see* Shuying Zhang
Zhang Shuyuan *see* Shuyuan Zhang
Zhang Shuzhang *see* Shuzhang Zhang
Zhang Sifu *see* Sifu Zhang
Zhang Sijing *see* Sijing Zhang
Zhang Sijiong *see* Sijiong Zhang
Zhang Sijun *see* Zhang Huaiwu 116009
Zhang Siyuan *see* Xue Dongfeng 95278
Zhang Suian, Cui Jie, Aoyagi, Y. Growth control of GaAs using short-pulse supersonic beam epitaxy 103862
Zhang Tan *see* Niu Yongsheng 104259
Zhang Tang, Shirata, Y., Ishizuka, O., Tanno, K. Design and implementation of a calibrating T-Model neural-based A/D converter 61968
Zhang Tao *see* Tao Zhang
Zhang Tiancai *see* Pan Qing 65157
Zhang Tianning *see* Tianning Zhang
Zhang Tianshu *see* Tianshu Zhang
Zhang Tianwen *see* Huang Qingming 97944
Zhang Tianxu, Peng Jiaxiong, Li Zongjie An adaptive image segmentation method with visual nonlinearity characteristics 86945
Zhang Tianxu, Sang Nong, Wang Guoyou, Li Xiaowen An effective method for identifying small objects on a complicated background 117838
Zhang Tianxu *see* Tianxu Zhang
Zhang Tong-Yi *see* Tong-Yi Zhang
Zhang Tonghe *see* Tonghe Zhang
Zhang Wang *see* Wang Zhang
Zhang Wanrong *see* Wanrong Zhang
Zhang Wei, Zhou Gongye, Wu Xiumin Design and implementation of the software for a digital storage oscilloscope system based on IBM PC computer 69380
Zhang Wei *see* Wei Zhang
Zhang Weilian, Wang Zhijun The generation of excess carriers in NTDFZSi at high temperature annealing process 63225
Zhang Weiping *see* Weiping Zhang
Zhang Wen *see* Liu Zhanwen 110531
Zhang Wen-Liang *see* Wen-Liang Zhang
Zhang Wen-Xing *see* Chen Shui-Sheng 73717
Zhang Wenbi, Yang Qimin, Zhong Liyun, Wang Zhengrong, Zhang Yong'an, Xiong Bingheng Study on the diffraction efficiency of embossed hologram 96844
Zhang Wenfeng, Gu Yucong, Zhu Jinkang Despreading techniques on IS-95 forward channels with synchronous system timing 119088
Zhang Wenhui *see* Wenhui Zhang
Zhang Wenjin *see* Wenjin Zhang
Zhang Wenjun *see* Wenjun Zhang
Zhang Wenlei, Wang Jianxiong Expert system for switching order and application of N–1 safety analysis in Hunan power system 111454
Zhang Wenlin *see* Wenlin Zhang
Zhang Wenmin *see* Gong Jun 63801
Zhang Wenqin *see* Wang Jie 80791
Zhang Wentao, Qiu Yufeng, Zheng Xujun GPS and its application in power system 91245
Zhang Wentao *see* Wu Shouyuan 91101
Zhang Wentao *see* Xu Zhengxiong 81074
Zhang Wenwei, Li Hong, Wang Huacen, Liu Chenjun, Ding Bonan Pulsed wire magnetic field alignment measurements on a high current induction cell 110336
Zhang Wenwei *see* Wang Huacen 120038
Zhang Wenwei *see* Zhang Enguan 114530
Zhang Wenxun *see* Wenxun Zhang
Zhang Wenzhi, Ye Feng Design of RF cavity for HIRFL–cooling storage ring 120039
Zhang Xi *see* Xi Zhang
Zhang Xia *see* Xia Zhang
Zhang Xian-Da *see* Xian-Da Zhang
Zhang Xianchi *see* Wang Xusheng 84763
Zhang Xianda *see* Xianda Zhang
Zhang Xiang-jiu *see* Xiang-jiu Zhang
Zhang Xiangdong *see* Xiangdong Zhang
Zhang Xiangjiu *see* Gao Yong 75522
Zhang Xiangjiu *see* Xiangjiu Zhang
Zhang Xiangkun *see* Xiangkun Zhang
Zhang Xiangyang *see* Zhou Wenzhen 107033
Zhang Xianmin *see* Xianmin Zhang
Zhang Xiao Mang *see* Xiao Mang Zhang
Zhang Xiao-Ping *see* Xiao-Ping Zhang
Zhang Xiao-Wen *see* Xiao-Wen Zhang
Zhang Xiao-yu, Guo Guang-can Quantum cryptography using coherent state 86076
Zhang Xiaobin *see* Chang Xianrong 80927
Zhang Xiaobo *see* Liu Ying 65298
Zhang Xiaobo *see* Liu Ying 96390
Zhang Xiaochun *see* Xiaochun Zhang
Zhang Xiaohong *see* Lei Qingquan 64121
Zhang Xiaolan *see* Xu Guijing 81344
Zhang Xiaolei *see* Xiaolei Zhang
Zhang Xiaomin *see* Feng Guoying 107209
Zhang Xiaoming, Jiang Dazhen, Lu Songlin Noisy image filtering algorithm based on block and minimum variance 67326
Zhang Xiaopin *see* Xu Yongming 118009
Zhang Xiaoping, Tian Lisheng, Peng Yinging Matched filters in time-scale domain and it's application in signal detection 97827
Zhang Xiaoqing An investigation on operating conditions of metal-oxide arresters under PT ferroresonance 91221
Zhang Xiaoru, Zeng Lieguang Parallel techniques for frame synchronous scrambler 98389
Zhang Xiaoru, Zeng Lieguang Performance analysis of BIP codes in SDH on Poisson distribution of errors 118011
Zhang Xiaoshen, Zhou Bin, Feng Yucai ATM LAN and internetting LANs 98710
Zhang Xiaoyu *see* Xiaoyu Zhang
Zhang Xihong *see* Zhou Zigang 118453
Zhang Xijuan *see* Xijuan Zhang
Zhang Xin Yi *see* Xin Yi Zhang
Zhang Xin-Yuan, Zhang Hua-Fang A Ka-band transmit-receive assembly for MMW FM and PM CW radar 78982
Zhang Xing, Shi Yongquan, Huang Chang Integrated device and circuit simulation of thin film deep submicron CMOS/SOI circuits 63939
Zhang Xing *see* Wei Liqiong 61800
Zhang Xing *see* Xing Zhang
Zhang Xinggan, Zhu Zhaoda A pulse compressor implementation with DSP for small TB product LFM waveform 97805
Zhang Xinggan *see* Xinggan Zhang
Zhang Xingyu *see* Wang Qingpu 96162
Zhang Xingyu *see* Zhao Shengzhi 65149
Zhang Xingyu *see* Xingyu Zhang
Zhang Xingzhen *see* Gao Wanrong 100354
Zhang Xinhui *see* Xinhui Zhang
Zhang Xining *see* Xining Zhang
Zhang Xinmin *see* Zhang Xiurong 96219
Zhang Xiongwei, Cheng Lixin, Chen Xianzhi Real-time implementation of 4.8/3.6/2.4/1.2 kb/s high quality multi-rate speech coding on TMS320C31 117283
Zhang Xiubin, Zhang Yinglu A method for expanding channels of distributed data acquisition system and its appraisal 79261
Zhang Xiupu *see* Xiupu Zhang
Zhang Xiurong, Zhang Xinmin, Zhu Rude, Wu Guang Zhao Suitable for LD pumping crystal-Nd^{3+}:$La_2Be_2O_5$ 96219
Zhang Xiwen, Tang Jiansong, Li Liben, Que Duanlin Generation and dissociation of the nitrogen-related donor in nitrogen-doped CZ-Si during heat treatments 83790
Zhang Xu Development prospects of global mobile satellite communications 88407
Zhang Xu *see* Wen Yanhong 98722
Zhang Xudong *see* Yang Chunming 81068
Zhang Xuejun *see* Xuejun Zhang
Zhang Xueli *see* Xueli Zhang
Zhang Xuemei *see* Xuemei Zhang
Zhang Xuexia *see* Xuexia Zhang
Zhang Xueyuan *see* Xueyuan Zhang
Zhang Xuezhen *see* Liu Zhanwen 110531
Zhang Ya-Dong *see* Ya-Dong Zhang
Zhang Yadong *see* Yadong Zhang
Zhang Yafei, Zhou Zhonghua, Sun Jianwei, Chen Guanghua Probable optimum hydrogen coverage of chemical vapor deposited diamond (111) surface 72872
Zhang Yafei *see* Yafei Zhang
Zhang Yah *see* Yah Zhang
Zhang Yan, Wang Shuxun, Li Shenghong 1½-dimension spectrum approach to quadratic phase coupling estimation 108242
Zhang Yan *see* Yan Zhang
Zhang Yancao *see* Gong Jun 63801
Zhang Yanhua *see* Wei Yan 79439
Zhang Yanming The practice and research of comprehensive automation for substations 81640
Zhang Yanrong *see* Zhenhui Tan 118798
Zhang Yanxin *see* Gao Shengquan 95894
Zhang Yaohui *see* Yaohui Zhang
Zhang Yaoxue *see* Di Shuo 117976
Zhang Yi *see* Yi Zhang
Zhang Yi Xin *see* Yi Xin Zhang

Zhang Yi-De *see* Yi-De Zhang
Zhang Yi-Mo *see* Yi-Mo Zhang
Zhang Yikui *see* Li Jinfu 104308
Zhang Yimen *see* Yimen Zhang
Zhang Yimin *see* Yimin Zhang
Zhang Yimo, Zhao Xiaodong, Yue Bing, Dai Xiaofang Mathematical morphological centroid scale-space optical-electronic hybrid image parallel transformation using the approach of optical frequency filtering by a complex-valued kernel 117816
Zhang Yimo *see* He Shunzhong 65485
Zhang Ying, Zhu Qiren, Pan Shoufu, Shi Guizhen Three-body recombination pumping scheme of Na-like Cu soft X-ray laser 107096
Zhang Ying *see* Ying Zhang
Zhang Yinghai *see* Liu Jie 117145
Zhang Yinghua *see* Wang Yimin 75872
Zhang Yinglu *see* Zhang Xiubin 79261
Zhang Yixiang *see* Pan Laigen 96109
Zhang Yong'an *see* Zhang Wenbi 96844
Zhang Yonglin, Bu Guixue 3-D shape measurement using shearing interferometry and virtual grating 79690
Zhang Yongmin *see* Yongmin Zhang
Zhang Yongzheng *see* Yongzheng Zhang
Zhang You Study and test of steam turbine fast valving for improving power system stability 111517
Zhang You *see* Wang Weixiang 92932
Zhang You-Wei *see* You-Wei Zhang
Zhang Youmin, Dai Guanzhong, Zhang Hongcai A SVD-based extended Kalman filter and application to flight state and parameter estimation of aircraft 70301
Zhang Youwei A new approach to optimization of information processing for multiobject-multidimension–method of dynamic programming to multitarget tracking 111415
Zhang Youwei *see* Jiang Taihui 117281
Zhang Youwen *see* Sun Chengxiu 106946
Zhang Yu-Hai, Zhu Ben-Ren On the sufficient conditions for the solvability of general algebraic inverse eigenvalue problems 103768
Zhang Yu-Shen *see* Yu-Shen Zhang
Zhang Yu-Xian *see* Sun Hong-Bo 107261
Zhang Yuan Lin *see* Yuan Lin Zhang
Zhang Yuanlu *see* Cui Xiang 102806
Zhang Yuanlu *see* Huang Jian 102810
Zhang Yue *see* Yue Zhang
Zhang Yuechun *see* Yuechun Zhang
Zhang Yuegong *see* Chen Gang 99239
Zhang Yueqiu, Yang Lin, Tong Jiarong, Tang Pushan Knowledge based IC-CAD software reuse 61541
Zhang Yuheng *see* Yuheng Zhang
Zhang Yuming *see* Yuming Zhang
Zhang Yunxiang *see* Yunxiang Zhang
Zhang Yuwen *see* Ji Peirong 91073
Zhang Yuxing *see* Gong Junjie 75066
Zhang Yuzhi *see* Yuzhi Zhang
Zhang Zaifu *see* Zaifu Zhang
Zhang Zaixuan, Zhang Buxin, Chen Yang, Chen Xiaozhu, Liu Tianfu Research of temperature effect on back-direction laser spontaneous Raman scattering in optical fiber 64664
Zhang Zechang *see* Zechang Zhang
Zhang Zengchang *see* Gang Guojia 104034
Zhang Zengquan *see* Li Chuandong 75870
Zhang Zhaoyi *see* Wang Ziyu 119209
Zhang Zhen *see* Zhen Zhang
Zhang Zheng De *see* Bezotosny, V.V. 75916
Zhang Zheng-Quan *see* Zheng-Quan Zhang
Zhang Zhengming *see* Zhengming Zhang
Zhang Zhengxian, Li Zhitang, Xu Jie, Lin Zhiyuan Make of the practicable broadband laser diode module and studies on its characteristics 75926
Zhang Zhengxian, Lin Zhiyuan, Li Zhitang, Xu Jie A 40 km fiber-optic microwave subcarrier multiplexing transmission system for multi-channel FM-TV 119212
Zhang Zhengyou *see* Zhengyou Zhang
Zhang Zhenhai *see* Zhenhai Zhang
Zhang Zhensheng *see* Zhensheng Zhang
Zhang Zheyuan *see* Zheyuan Zhang
Zhang Zhi-Li *see* Zhi-Li Zhang
Zhang Zhi-lin, Jiang Xue-yin, Xu Shao-hong, Nagatomo, T., Omoto, O. Threshold lowering and by intensity and efficiency enhancement by dopants in polymer emitting diodes 85306
Zhang Zhichou *see* Ding Wu 116577
Zhang Zhichou *see* Shu Xiaojian 116576
Zhang Zhihao *see* Hao Ruibing 98489
Zhang Zhijian, Guo Yili, Ma Min, Zhou Bingkun, Zhang Quansheng 155 Mb/s time division photonic switching system 109315
Zhang Zhijian, Guo Yili, Zhang Hanyi, Li Dejie, Zhou Bingkun A new structure of optical buffer and 2×622 Mb/s ATM photonic switching system 99040
Zhang Zhijian *see* Zhijian Zhang
Zhang Zhilin *see* Liu Zugang 64950
Zhang Zhiwei *see* Zheng Gang 79692
Zhang Zhiyi *see* Zhiyi Zhang
Zhang Zhiying *see* Zhiying Zhang
Zhang Zhong-Tai, Ouyang Lin, Tang Zi-Long Synthesis and characteristics of $La_{1-x}Sr_xMnO_3$ ceramics for cathode materials of SOFC 81800
Zhang Zhong-Xuan *see* Zhong-Xuan Zhang
Zhang Zhong-Ying *see* Zhong-Ying Zhang
Zhang Zhongfei *see* Zhongfei Zhang
Zhang Zhongjun *see* Chen Jianqin 103612
Zhang Zhongjun *see* Tie Jincheng 108303
Zhang Zhongjun *see* Xiong Gang 103386
Zhang Zhongli, Liu Wanshan, Yang Qixun, Qin Lijun Research on modeling ferromagnetic nonlinear elements in power system transient simulation 80771
Zhang Zhongping *see* Zhongping Zhang
Zhang Zhongyi *see* Zhongyi Zhang
Zhang Ziudao *see* Dong Baoguang 81716
Zhang Ziupu *see* Ziupu Zhang
Zhang Zonghui *see* Zonghui Zhang
Zhang Zunyun *see* Kou Huizhen 112637
Zhang Zuorong *see* Zuorong Zhang
Zhangchao Chen *see* Chen Zhangchao
Zhangda Lin *see* Iwakuro, H. 63332
Zhangda Lin *see* Qijin Chen 92815
Zhangda Lin *see* Lin Zhangda
Zhangehao Chen *see* Chen Zhangehao
Zhangguo Wang *see* Wang Zhangguo
Zhangxin Chen, Ewing, R.E., Lazarov, R. Domain decomposition algorithms for mixed methods for second-order elliptic problems 61096
Zhangzhen Zhu *see* Xunchun Li 94855
Zhanping Lai *see* Jinliang Yuan 84101
Zhanqiu Dong *see* Jun Yuan 108757
Zhanqiu Dong *see* Jun Yuan 108952
Zhanwen Liu *see* Liu Zhanwen
Zhanyi Hu, Song de Ma Uniform line parameterization 87255
Zhanyi Hu, Song De Ma The three conditions of a good line parametrization 98151
Zhanyi Hu, Songde Ma Uniform line parameterization 67034
Zhanyi Hu *see* Ce Wang 86674
Zhao, A. *see* Ma, D.X. 114917
Zhao, A.P., Raisanen, A.V. Accurate and detailed FDTD solution of microwave integrated circuits using the frequency shifting technique 83498
Zhao, B., Ting, C.H., Ta, L., Vasudev, P.K. Planarized Al processes for sub-half micron VLSI interconnect technology 84213
Zhao, B., Wang, S.-Q., Fiebig, M., Anderson, S., Vasudev, P.K., Seidel, T.E. Reliability and electrical properties of new low dielectric constant interlevel dielectrics for high performance ULSI interconnect 94839
Zhao, B. *see* Ichikawa, F. 106664
Zhao, B. *see* Small, M. 63473
Zhao, C., Chen, R.T. Performance optimization of three-dimensional optoelectronic interconnection for intra-multi-chip-module clock signal distribution 85035
Zhao, C.F., He, G.S., Bhawalkar, J.D., Park, C.K., Prasad, P.N. Two-photon pumped lasing dyes and their sol-gel glass/polymer composites 96126
Zhao, C.F. *see* He, G.S. 75851
Zhao, C.Y. *see* Hu, Y.Z. 61379
Zhao, C.Y. *see* Hu, Y.Z. 82752
Zhao, C.Z., Liu, E.K., Li, G.Z., Guo, L. Silicon-on-insulator optical intensity modulator based on waveguide-vanishing effect 106847
Zhao, E. *see* Herman, G.T. 67072
Zhao, G., Ghannouchi, F.M., Beauregard, F., Kouki, A.B. Digital implementations of adaptive feedforward amplifier linearization techniques 82967
Zhao, G., Kozuka, H., Yoko, T. Sol-gel preparation and photoelectrochemical properties of TiO_2 films containing Au and Ag metal particles 92786
Zhao, H. *see* Gulgazov, V. 116527
Zhao, J., Ahalt, S.C., Stribling, S.E. 3-D orientation vector estimation from satellite imagery 117645
Zhao, J., Chen, H.S., Teng, C.S. Investigation of charging damage induced V_t mismatch for submicron mixed-signal technology 93616
Zhao, J., Dong, C., Koch, E. Yet another simple Internet electronic payment system 118364
Zhao, J., Dou, K., Chen, Y., Jin, C., Sun, L., Huang, S., Yu, J., Xiang, W., Ding, Z. Temperature dependence of photoluminescence in CdS nanocrystals prepared by the sol-gel method 74247
Zhao, J., Geng, X., Yu, Y., Wang, B., Wang, C., Xu, J., Liu, W., Luo, H., Wang, Y., Zhan, M. The BEPC control system upgraded 89924
Zhao, J., Kamper, M.J., Van Der Merwe, F.S. A DSP program with hardware configuration 102633
Zhao, J., Wang, A., Altermatt, P.P., Wenham, S.R., Green, M.A. 24% efficient PERL silicon solar cell: recent improvements in high efficiency silicon cell research 103003
Zhao, J. *see* Auckland, D.W. 70951
Zhao, J. *see* Jin, C. 74246
Zhao, J.G. *see* Zhang, S.Y. 115851
Zhao, K., Geng, R.L., Wang, L.F., Zhang, B.C., Yu, J., Wang, T., Wu, G.F., Song, J.H., Chen, J.E. Design and construction of a DC high-brightness laser driven electron gun 94182
Zhao, L., Cangellaris, A.C. GT-PML: generalized theory of perfectly matched layers and its application to the reflectionless truncation of finite-difference time-domain grids 85845
Zhao, L., Chien, A.T., Lange, F.F., Speck, J.S. Microstructural development of $BaTiO_3$ powders synthesized by aqueous methods 75037
Zhao, L. *see* Marshall, T. 92746
Zhao, L.C. *see* Radhakrishna Rao, C. 92387
Zhao, M. *see* Kermanshahi, B. 102028
Zhao, O., DasGupta, S. Categorized vector quantization using a simplified distortion measure 97472
Zhao, Q., Fan, Z.X. Improving the laser resistance of Al mirror and Si window by depositing dielectric protection layers 107476
Zhao, Q.C. *see* Liu, H.L. 96737
Zhao, Q.X. *see* Holtz, P.O. 62743
Zhao, S., Wang, Q., Zhang, X., Sun, L., Zhang, S. Laser characteristics of a new crystal $Nd:Sr_5(PO_4)_3F$ at 1.059 μm 116423
Zhao, S. *see* Chalfoun, L. 112377
Zhao, S. *see* Friedsam, H. 89906
Zhao, S. *see* Wang, G. 110788
Zhao, S.-R., Halling, H. A new Fourier method for fan beam reconstruction 101178
Zhao, S.P., Taylor, S. Effect of oxide field on hot carrier induced degradation in CMOS gate oxide 74729
Zhao, S.P., Yang, Q.S. Dynamics of quasiparticles in a superconducting proximity bilayer 95493
Zhao, T., He, L. A study of gas mixtures for the ATLAS MDT 80037
Zhao, T., He, L. A study of gas mixtures for the Atlas MDT 100848
Zhao, T., Kou, X.C., Zhang, Z.D., Sun, K., Chuang, Y.C., De Boer, F.R. Magnetic properties of $R(Fe,Mn)_{11}Ti$ compounds 75137
Zhao, T., Sebo, S.A., Kasten, D.G. Calculation of single phase AC and monopolar DC hybrid corona effects 91165
Zhao, T.P. *see* Lu, E.D. 83985
Zhao, T.X. *see* Lu, E.D. 83985
Zhao, T.Y. *see* Zhang, S.Y. 115851
Zhao, W., Nandhakumar, N. Relative influence of camera alignment errors on 3D stereoscopic measurements 87148
Zhao, W., Tafazolli, R., Evans, B.G. Positioning assisted inter-segment handover for integrated GSM-satellite mobile system 88181
Zhao, X. *see* Clarke, E.M. 83173
Zhao, X. *see* Jusko, O. 79335
Zhao, X. *see* Schoenfeld, O. 63047
Zhao, X. *see* Yi, X. 79409
Zhao, X.-D. *see* Tsui, B.M.W. 101150
Zhao, X.-M. *see* Xia, Y. 115295
Zhao, X.D., Yamamoto, H., Chen, Z.M., Taniguchi, K. Comparison of resonance conditions in double-barrier structures and triple-barrier structures 62815
Zhao, X.D. *see* Tsui, B.M.W. 80227
Zhao, X.G. *see* Zhi-Qiang Jin 64319
Zhao, Y., Chen, M.J., Qu, M.X., Meng, X.L. A modified hybrid potential method based on curl×curl operator for three-dimensional eddy current field analysis 107788
Zhao, Y., Fleming, S. All-solid state and all-fibre blue upconversion laser 75862
Zhao, Y., Haggman, S.-G. Sensitivity to Doppler shift and carrier frequency errors in OFDM systems–the consequences and solutions 118974
Zhao, Y., Lipo, T.A. Modeling and control of a multi-phase induction machine with structural unbalance 111974
Zhao, Y., Lipo, T.A. Modeling and control of a multi-phase induction machine with structural unbalance 112469
Zhao, Y., Wang, J.S., Zhou, W., Tam, H.Y., Demokan, M.S. Statistical analysis of Raman cross talk in multichannel wavelength-division-multiplexed systems 78661
Zhao, Y., Yuan, B. A hybrid image compression scheme combining block-based fractal coding and DCT 67060
Zhao, Y. *see* Chen, M.J. 96953
Zhao, Y. *see* Chen, M.J. 104205
Zhao, Y. *see* Chen, M.J. 107759
Zhao, Y. *see* Fleming, S.C. 85011
Zhao, Y. *see* Meng, X.L. 96908
Zhao, Y. *see* Shen, S.C. 61234
Zhao, Y. *see* Shen, W.Z. 74451
Zhao, Y. *see* Shen, W.Z. 94519
Zhao, Y. *see* Xiong, S. 84444
Zhao, Y.-G., Zhang, Y.-S., Huang, X.-L., Zhang, L.-T., Chen, W.-X., Cong, L.-F., Jin, C.-Z., Hu, X.-W., Wang, W. Far-field and beam characteristics of vertical-cavity surface-emitting lasers 107323
Zhao, Y.-P., Wu, Y.-J., Yang, H.-N., Wang, G.-C., Lu, T.-M. In situ real-time study of chemical etching process of Si(100) using light scattering 84126
Zhao, Y.-P. *see* Yang, H.-N. 61390
Zhao, Y.C. *see* Du, Y.C. 94737
Zhao, Y.Q., Campbell, L.L. Equilibrium probability calculations for a discrete-time bulk queue model 72435
Zhao, Z. *see* Chan, H.L.W. 115430
Zhao, Z. *see* Sun, C. 70748
Zhao, Z.G., de Chatel, P.F., De Boer, F.R., Buschow, K.H.J. Magnetization processes of free- and fixed-single-crystal antiferromagnets 64184
Zhao, Z.G., Tang, N., Bruck, E., Buschow, K.H.J., De Boer, F.R. Magnetic properties of $DyCo_{10-x}Ni_xSi_2$ compounds 75136
Zhao, Z.X. *see* Chen, L. 64558
Zhao Aihua *see* Aihua Zhao
Zhao An Ping *see* An Ping Zhao
Zhao Bai-Ru *see* Kislinskii, Yu.V. 84909
Zhao Baoying, He Meihua, Luo Kui, Zhang Lichun Measurement of series resistances in polysilicon

emitter bipolar transistors for high speed VLSI 105901
Zhao Beijun *see* Beijun Zhao
Zhao Cangsang *see* Cangsang Zhao
Zhao Cezhou, Zhu Zhuoyun, Li Yaojing, Liu Enke, Li Guozheng, Liu Xiding Investigation of Si based GaAs/GaAlAs planar optical waveguide 95758
Zhao Cezhou *see* Gao Yong 75522
Zhao Cezhou *see* Li Guozheng 64741
Zhao Chanfeng *see* Chanfeng Zhao
Zhao Changsen *see* Bao Zhongxing 105209
Zhao ChangSheng *see* ChangSheng Zhao
Zhao Chaokang *see* Xu Hua 65401
Zhao Cheng-Lin, Liu Ze-Min, Zhou Zheng Blind equalization and parameters estimation of nonminimum phase channels using fourth order cumulants 117916
Zhao Chunhe *see* Chunhe Zhao
Zhao Chunhui, Sun Shenghe Adaptive ranked-order morphological filtering approach based on percentile 108370
Zhao Ci *see* Hu Hongzhang 95739
Zhao Dachun, Qu Zhongkai, Pan Xiaoren Growth dynamics and surface fine structure of ZnO ultrafine particle films 92848
Zhao Dade *see* Dade Zhao
Zhao Dai *see* Dai Zhao
Zhao Dongfeng, Li Bihaiy, Zheng Sumin Analysis of a slotted access channel with average cycle method 118815
Zhao Feng *see* Wang Guicheng 69862
Zhao Feng *see* Feng Zhao
Zhao Gongyun *see* Gongyun Zhao
Zhao Guang Yuan *see* Guang Yuan Zhao
Zhao Guiwen *see* Guiwen Zhao
Zhao Hanmin *see* Hanmin Zhao
Zhao Hao *see* Hao Zhao
Zhao He *see* Wu Shouyuan 91101
Zhao Hong, Tu Demin, Zhao Hongwei, Wang Xuan Laser inspection of defects in HV XLPE cable insulation 70916
Zhao Hong *see* Tian Feng 119870
Zhao Hong *see* Wu Youliang 98610
Zhao Hong *see* Hong Zhao
Zhao Hongwei *see* Liu Zhanwen 110531
Zhao Hongwei *see* Zhao Hong 70916
Zhao Hua *see* Hua Zhao
Zhao Huafeng *see* Huafeng Zhao
Zhao Hui *see* Hui Zhao
Zhao Ji *see* Ji Zhao
Zhao Jialong *see* Su Xi'an 96014
Zhao Jialong *see* Jialong Zhao
Zhao Jian, Chen Wenbo, Xiao Kuiying, Liang Ruobiao Analysis system for the detection of stable or transient noise and vibration 69573
Zhao Jianai *see* Jianai Zhao
Zhao Jiangao *see* Shen Baogen 64476
Zhao Jie *see* Li Guohui 105179
Zhao Jijiu, Geng Xiaosong, Yu Yulan, Wang Bingfeng, Wang Chunhong, Xu Jingwei, Liu Wei, Luo Huiying, Wang Yaru, Lii Jihua, Yan Yonghe, Zhan Mingchuah, Wang Youheng Upgrading at the BEPC control system 119972
Zhao Jilai *see* Ren Kehui 120933
Zhao Jing *see* Yu Zhiping 83270
Zhao Jing *see* Yu Zhiping 83271
Zhao Jinhua *see* Wang Jicheng 90162
Zhao Jinrong, Tao Xiaonong, Shi Yuxiang Application of dynamic link library in the integrated substation automation 81639
Zhao Jinrong *see* Tao Xiaonong 81637
Zhao Jun, Guo Shiping, Fang Jiaxiong Variable-frequency admittance spectra of HgCdTe-CdTe heterostructure 94471
Zhao Junhua Non-metallic inclusions in the sintered NdFeB magnet 115852
Zhao Keyu *see* Keyu Zhao
Zhao Kui *see* Wang Lifang 115969
Zhao Li *see* Li Zhao
Zhao Liang *see* Song Yunzian 112795
Zhao Liu, Karol, M.J., El Zarki, M., Eng, K.Y. A demand-assignment access control for multi-code DS-CDMA wireless packet (ATM) networks 88273
Zhao Lixin *see* Lixin Zhao
Zhao Manyong Analysis of the misoperation of CPU-based HV line protection system 111669
Zhao Min *see* Min Zhao
Zhao Ming, Wang Jing, Xu Xibin, Yao Yan The research on wireless ATM architecture 119048
Zhao Ming, Xu Xibin, Nie Hong, Yao Yan, Liu Xuming An optimum combining algorithm of space diversity diffuse channel 118814
Zhao Ming *see* Xu Xibin 117934
Zhao Ming *see* Zheng Qilun 61937
Zhao Qi, Duan Yuning Review of progress in the implementation of the ITS-90 at the NIM 119525
Zhao Qin *see* Cloutier, G. 69948
Zhao Qing-Tai *see* Qing-Tai Zhao
Zhao Qingchun *see* Qingchun Zhao
Zhao Qingtai *see* Wang Zhonglie 114555
Zhao Qun *see* Qun Zhao
Zhao Shengzhi, Wang Qingpu, Zhang Xingyu, Sun Lianke, Zhang Shaojun Laser characteristics of new sort of crystal Nd:S-VAP 65149
Zhao Shengzhi *see* Sun Lianke 65116
Zhao Shengzhi *see* Wang Qingpu 96162
Zhao Shengzhi *see* Shengzhi Zhao
Zhao Shixia, Ba Linfeng, Yang Pin Image grab and display for multimedia computer 98873
Zhao Shiyou *see* Shiyou Zhao
Zhao Shouan *see* Zhong Yule 119628
Zhao Shuang-Ren *see* Shuang-Ren Zhao
Zhao Shulai *see* Shulai Zhao
Zhao Shuqiang *see* Pan Yunjiang 111885
Zhao Shuqiang *see* Wang Jie 80791
Zhao Su *see* Fan Zhengfang 78981
Zhao Surong *see* Surong Zhao
Zhao Tiemin *see* Peng Yuheng 65297
Zhao Ting-jie *see* Ting-jie Zhao
Zhao Wei *see* Ma Shaojie 64776
Zhao Wei *see* Wei Zhao
Zhao Weiming *see* Liu Zugang 64950
Zhao Weiping *see* Weiping Zhao
Zhao Wenbiao, Shi Shongjiao, Guo Shanglai A hydroelectric integrated optimal control system based on $H\infty$ state feedback 111826
Zhao Wenqing *see* Chen Chunhong 106132
Zhao Wu Guang *see* Wu Guang Zhao
Zhao Xian Zhou *see* Da Zhang Hu 76422
Zhao Xianwu *see* Bao Fengqi 110252
Zhao Xiaodong *see* Zhang Yimo 117816
Zhao Xinmin *see* Niu Yongsheng 104259
Zhao Xinmin *see* Zhang, J.Q. 111700
Zhao Xinmin *see* Zhang, J.Q. 117414
Zhao Xinwei *see* Xinwei Zhao
Zhao Xuedong, Sun Shuqin Discussion to several methods for demodulation in flickermeter 79639
Zhao Xuegen *see* Xuegen Zhao
Zhao Xueqing, Liu Jingru, Yi Aiping, Yuan Xiao, Nie Lei Measurement of e-beam energy deposition in laser gas 65013
Zhao Xueqing *see* Liu Jinru 116344
Zhao Yang *see* Yang Zhao
Zhao Yao *see* Yao Zhao
Zhao Yi *see* Yi Zhao
Zhao Yifan *see* Yifan Zhao
Zhao Yigong, Zhu Hong Adaptive detection of man-made objects in natural background 108400
Zhao Yilin *see* Yilin Zhao
Zhao Yimin Some improvements on the fully distributed location registration strategy for UPCS 68318
Zhao Yongsheng *see* Liu Ying 96390
Zhao Youxin *see* Sun Hongbo 91071
Zhao Youxiong *see* Wang Jinchuan 69823
Zhao Yu, Shi Jiaoying, He Zhijun Synchronization-oriented placement and retrieval strategies for delay-sensitive media streams 78157
Zhao Yu-Biao *see* Yu Jian-Ping 66455
Zhao Yuanfu *see* Yuanfu Zhao
Zhao Yunfeng, Wang Guangxian, Ma Chao, Mu Yuguo A distributed SCADA system based on microcomputer [for power system automation] 80932
Zhao Yunhe *see* Yunhe Zhao
Zhao Yunxin *see* Yunxin Zhao
Zhao Yushen *see* Yushen Zhao
Zhao Yuyin *see* Xu Qiuxia 83751
Zhao Zhengdong, Feng Bin, Meng Luoming Design and implementation of BMP in IN service management system 118553
Zhao Zhiyong *see* Sun Yuanzhang 80906
Zhao Zhiyong *see* Sun Yuanzhang 111499
Zhao Zhong-Xian *see* Kislinskii, Yu.V. 84909
Zhao Zhuxing *see* Zhuxing Zhao
Zhao Ziyu *see* Ziyu Zhao
Zhao Zongqiang *see* Qin Jie 111500
Zhao Zongqiang *see* Qin Jie 121045
Zhao-Heng Weng, Huai-Jiang Yang, Ke Shen, Li-Wei Zhou Neural network system identification of chaotic optical systems with the chaos speedup BP algorithm 95884
Zhao-Heng Weng *see* De-Gui Sun 85219
Zhao-Hua Cheng, Bao-Gen Shen, Jun-Xian Zhang, Ming-Xi Mao, Ji-Jun Sun, Fa-Shen Li, Yi-De Zhang Mossbauer and X-ray diffraction studies of the phase composition of crystallized $Nd_xFe_{81.5-x}B_{18.5}$ alloys with $7 \leqslant x \leqslant 16$ 75086
Zhao-Hua Cheng *see* Jun-Xian Zhang 64320
Zhao-Ying Zhou *see* Zhou Zhao-Ying
Zhaobo Chen *see* Chen Zhaobo
Zhaocheng Wang *see* Wang Zhaocheng
Zhaoda, Z. *see* Xiaohui, Q. 78991
Zhaoda Zhu, Xiaohui Qiu, Zhishun She ISAR motion compensation using modified Doppler centroid tracking method 119316
Zhaoda Zhu *see* Jinsong Tang 119281
Zhaoda Zhu *see* Jinsong Tang 119282
Zhaoda Zhu *see* Jinsong Tang 119311
Zhaoda Zhu *see* Weidong Yu 119312
Zhaoda Zhu *see* Xiaodong Ye 119309
Zhaoda Zhu *see* Xiaohui Qiu 119315
Zhaoda Zhu *see* Xinggan Zhang 113931
Zhaoda Zhu *see* Yulong Shao 119318
Zhaoda Zhu *see* Zhu Zhaoda
Zhaodi Tian *see* Surong Zhao 62641
Zhaodu Zhu, Weidong Yu, Xinggan Zhang, Xiaohui Qiu A correction method for distortions in FM-CW imaging system 119313
Zhaodun Meng *see* Meng Zhaodun
Zhaogang Qian *see* Silver, B. 87623
Zhaoguo Wang *see* Wang Zhaoguo
Zhaoheng Weng *see* Weng Zhaoheng
Zhaohua Cheng *see* Cheng Zhaohua
Zhaohua Zeng *see* Zeng Zhaohua
Zhaohui Hu *see* Hu Zhaohui
Zhaohui Zheng *see* Zheng Zhaohui
Zhaoji Cheng *see* Cheng Zhaoji
Zhaoji Li *see* Li Zhaoji
Zhaojun Bai *see* Nguyen, T.V. 116946
Zhaojun Shi *see* Shi Zhaojun
Zhaolin Wu *see* Wu Zhaolin
Zhaoming Huang *see* Huang Zhaoming
Zhaoming Qian *see* Xiangning He 73086
Zhaoming Wang *see* Ruzhang Li 82838
Zhaopeng Xu *see* Xu Zhaopeng
Zhaoqi Bian *see* Bian Zhaoqi
Zhaoqing Chen *see* Rosser, S.G. 112943
Zhaowen Zhuang *see* Ming Xian 119279
Zhaoxing Ren *see* Ren Zhaoxing
Zhaoxu Liu *see* Liu Zhaoxu
Zhaoxu Ti *see* Ti Zhaoxu
Zhaoyi Hu *see* Hu Zhaoyi
Zhaoyi Lu *see* Lu Zhaoyi
Zhaoyi Zhang *see* Zhang Zhaoyi
Zhaoying Zhou *see* Yue Yang 63987
Zhaoying Zhou *see* Zhou Zhaoying
Zhaoyong You *see* Boting Yang 72560
Zhaoyu Chen *see* Chen Zhaoyu
Zhaozhi Feng *see* Feng Zhaozhi
Zharan, A.M. A remark on "Fuzzy θ-connectedness" 92467
Zharkov, V.V. *see* Belikov, S.V. 120187
Zharnikov, N. *see* Dittschar, A. 75081
Zharov, A.A. *see* Aliev, Yu.M. 64766
Zharov, A.A. *see* Korotkov, A.L. 64546
Zhartovakil, S.V. *see* Erokhin, V.F. 118082
Zhartovskii, S.V. *see* Yerokhin, V.F. 108827
Zhau Tiemin *see* Peng Yuheng 107267
Zhaug, W.-M., Hsia, R.P., Liang, C., Song, G., Domier, C.W., Luhmann, N.C., Jr. Novel low-loss delay line for broadband phased antenna array applications 117095
Zhavoronkov, N.A. *see* Vasil'chenko, Yu.V. 114545
Zhbanov, A.I. *see* Zakharchenko, Y.F. 83742
Zhbanov, A.I. *see* Zakharchenko, Yu.F. 74004
Zhdanov, D.D. *see* Gan, M.A. 64860
Zhdanov, M.S., Sheng Fang Three-dimensional quasi-linear electromagnetic inversion 101515
Zhdanov, S. *see* Schmidt, K.H. 69627
Zhdanov, V.P., Norton, P.R. Growth of oxide films on metal surfaces: transition from parabolic to linear kinetics 94748
Zhdanova, N.G. *see* Kagan, M.S. 114590
Zhe Chen *see* Chen Zhe
Zhe Ji *see* Xiang-Yuan Xiong 64208
Zhe Shen *see* Shen Zhe
Zhe Wang *see* Wang Zhe
Zhe-Xian Wan Some remarks on convolutional codes 66310
Zhefu Zhong *see* Zhong Zhefu
Zhelamsky, M.V. *see* Sidorenko, V.D. 95553
Zheleznykh, I.M. *see* Sadygov, Z.Y. 69130
Zheleznykh, I.M. *see* Sadygov, Z.Y. 89062
Zheleznykh, I.M. *see* Sadygov, Z.Y. 110602
Zhelezov, I.N. *see* Mikerov, V.I. 88928
Zheltikov, A.M., Koroteev, N.I., Naumov, A.N., Fedotov, A.B. Phase-matching effects in harmonic generation and nonlinear-optical frequency mixing in the plasma of optical breakdown 65426
Zheltikov, A.M. *see* Rebane, A.K. 65523
Zheltonozhko, O.V., Zarembo, S.N., Yolshin, A.N., Batalov, N.N. A laboratory model of a high-temperature lithium storage battery with a nitride separator 112242
Zheltonozhko, O.V. *see* Batalov, N.N. 112243
Zheltonozhko, O.V. *see* Obrosov, V.P. 112176
Zhen, B. *see* Kehu, Y. 76918
Zhen, L. *see* Liao, Y. 112464
Zhen Chen Xian *see* Xian Zhen Chen
Zhen Jinling *see* Huang Maoquan 65159
Zhen Li, Jiancheng Shi Snow mapping with SIR-C mulpolarization SAR in Tienshan Mountain 120821
Zhen Li *see* Li Zhen
Zhen Liu, Nain, P., Towsley, D. Bounds on finite horizon QoS metrics with application to call admission 87398
Zhen Liu *see* Altman, E. 109043
Zhen Wang, Kawakami, A., Uzawa, Y., Komiyama, B. Superconducting properties and crystal structures of single-crystal niobium nitride thin films deposited at ambient substrate temperature 75296
Zhen Wang *see* Kawakami, A. 83400
Zhen Wang *see* Kawakami, A. 115920
Zhen Wang *see* Tani, M. 115963
Zhen Wang *see* Tonouchi, M. 75336
Zhen Wang *see* Uzawa, Y. 83416
Zhen Wang *see* Uzawa, Y. 115919
Zhen Wang *see* Uzawa, Y. 115971
Zhen Wang *see* Yoshida, K. 64530
Zhen Wang *see* Yoshida, K. 115888
Zhen Wu, Shalis, E. Acoustic signature prediction of a combat vehicle using finite and boundary element methods 101651
Zhen Wu *see* Wu Zhen
Zhen Xiangyang *see* Lai Tianshu 65174
Zhen Zhang, En-Hui Yang An on-line universal lossy data compression algorithm via continuous codebook refinement. II. Optimality for phi-mixing source models 66283
Zhen Zhang, En-Hui Yang, Wei, V.K. On the redundancy of lossy source coding 66318
Zhen Zhang, Wei, V.K. An on-line universal lossy data compression algorithm via continuous codebook refinement. I. Basic results 66282

Zhen Zhang *see* Berger, T. 66287
Zhen Zhang *see* Wen-Shiung Chen 77285
Zhen Zhang *see* Xiang-Gen Xia 97456
Zhen Zhang *see* Zhongxing Ye 66352
Zhen-Guo Yang, Lauke, B., Singletary, J. Ultrasonic testing technique for small-calibre piping containing defects 113579
Zhen-Hua Li *see* Li Zhen-Hua
Zhen-Jun Wang, Wen, L.S., Xiang-Rong Chang, Gu, Y.S., Zhong-Zhuo Tian, Xiao, J.M. Oscillatory magnetic interlayer exchange coupling in Fe-N/TiN multilayers 64375
Zhen-Kang Shen *see* Guan Hua 66916
Zhen-Kang Shen *see* Zhi-Yong Li 119688
Zhen-Liang Shi, Weixiu Du, Driessen, P.F. A new multistage detector for synchronous CDMA communications 67558
Zhen-xin Yu *see* Wei-liang Li 62748
Zhen-Yuan Li *see* Li Zhen-Yuan
Zhenan Gu *see* Gu Zhenan
Zhenbiao Li *see* Li Zhenbiao
Zhencai Lin *see* Lin Zhencai
Zhencai Tian *see* Tian Zhencai
Zhencai Zhu *see* Zhu Zhencai
Zhencun Pan *see* Pan Zhencun
Zhendong Wu *see* Wu Zhendong
Zhenfeng Ding *see* Ding Zhenfeng
Zhenfeng Guo, Conrad, H. Effect of microstructure size on deformation kinetics and thermo-mechanical fatigue of 63Sn37Pb solder joints 82178
Zheng, B. Some simple energy based test criteria for improving talk-off immunity in DTMF receivers 87989
Zheng, B. *see* Qian, W. 80222
Zheng, B. *see* Yongkang, J. 79216
Zheng, B. *see* Yongliang, W. 78989
Zheng, D. Three-dimensional eddy current analysis by the boundary element method 107793
Zheng, D., Davey, K.R. A boundary element formulation for thin shell problems 65681
Zheng, D. *see* Li, J. 66769
Zheng, F.C. *see* Alkussayer, H.M. 109500
Zheng, G. *see* Campbell, M. 79483
Zheng, G. *see* Farag, A.S. 102909
Zheng, G.F., Zhang, W., Shi, Z., Gross, M., Sproul, A.B., Wenham, S.R., Green, M.A. 16.4% efficient, thin active layer silicon solar cell grown by liquid phase epitaxy 81903
Zheng, G.F. *see* Shi, Z. 92775
Zheng, G.R., Zaheer-Udden, M. Optimization of thermal processes in a variable air volume HVAC system 71919
Zheng, H.H., Balivada, A., Abraham, J.A. A novel test generation approach for parametric faults in linear analog circuits 106145
Zheng, J. *see* Aburdene, M.F. 67007
Zheng, J. *see* Takayanagi, T. 73424
Zheng, J. *see* Valavanis, K.P. 108483
Zheng, J. *see* Wen, J. 94950
Zheng, J.G., Xiaoqing Pan, Schweizer, M., Zhou, F., Weimar, U., Gopel, W., Ruhle, M. Growth twins in nanocrystalline SnO$_2$ thin films by high-resolution transmission electron microscopy 74278
Zheng, J.G. *see* Zhang, M.J. 95102
Zheng, J.H. *see* Kang, Y.Q. 105114
Zheng, J.P., Jow, T.R. A new charge storage mechanism for electrochemical capacitors and charge storage density vs. crystalline structure of metal oxides 121909
Zheng, J.P. *see* Jow, T.R. 121908
Zheng, J.Q. *see* Liao, H.B. 92849
Zheng, K. *see* Steele, B.C.H. 81851
Zheng, L. *see* Bhat, A.K.S. 121593
Zheng, Q., Zhang, L., Kobayashi, T. A stabilization mechanism for optical parametric frequency division based on insertion of a second-harmonic-generation element 116710
Zheng, Q. *see* Lauer, H.C. 118397
Zheng, R.L. *see* Bhat, A.K.S. 102848
Zheng, S., Park, D., Bui, N., Hu, C., Yue, J. A quick experimental technique in estimating the cumulative plasma charging current with MOSFET and determining the reliability of the protection diode in the plasma ambient 105973
Zheng, S.Q. Maximum independent sets of circular-arc graphs: simplified algorithm and proofs 92455
Zheng, S.Q., Latifi, S. Optimal simulation of linear multiprocessor architectures on multiply-twisted cube using generalized Gray Codes 86102
Zheng, S.Q., Lim, J.S., Iyengar, S.S. Routing using implicit connection graphs [VLSI design] 95153
Zheng, W.Q. *see* Glotin, F. 107383
Zheng, W.Q. *see* Peremans, A. 76201
Zheng, W.Q. *see* Peremans, A. 107401
Zheng, W.Z. *see* Li, W.B. 120557
Zheng, X. *see* Luo, X. 75795
Zheng, X.G., Hou, G.W., Kuriyaki, H., Hirakawa, K. The effect of an intermediate SnI$_4$-coating treatment on the critical transport current of the high-T$_c$ superconductor YBCO 64502
Zheng, Y. An authentication and security protocol for mobile computing 118076
Zheng, Y., Koebel, A., Petroff, J.F., Boulliard, J.C., Capelle, B., Eddrief, M. GaSe/Si(111) heteroepitaxy: the early stages of growth 72841
Zheng, Y. *see* Al-Omari, I.A. 64215
Zheng, Y. *see* Feng, J.Y. 83841
Zheng, Y. *see* Zhang, X.-M. 76833
Zheng, Y.D. *see* Chen, H. 82610
Zheng, Y.D. *see* Chen, H. 104012
Zheng, Y.D. *see* Liu, J.I. 105688
Zheng, Y.D. *see* Liu, J.L. 105324
Zheng, Y.D. *see* Shi, Y. 83943
Zheng, Y.D. *see* Yang, K. 105188
Zheng, Y.F. *see* Chia-Chun Huang 77449
Zheng, Y.F. *see* Huang, C.-C. 67404
Zheng, Y.X. *see* Wang, Y.D. 64372
Zheng, Z.J., Pantelis, C., Leung, C.H.C., Wong, M.T.H., Velakoulis, D. Spur filters for MRI brain images using conjugate transformation 70016
Zheng Bao *see* Qun Zhao 78973
Zheng Bao *see* Renbiao Wu 108082
Zheng Bao *see* Bao Zheng
Zheng Baodong A class of trap-door one-way mappings on a semigroup 108123
Zheng Baoyu *see* Baoyu Zheng
Zheng Bing *see* Bing Zheng
Zheng Chen, Tingao Tang A ferroelectric thin film capacitor C-V model 84726
Zheng Dai, Michalzik, R., Unger, P., Ebeling, K.J. Influences of gain coefficient nonlinearity on the operating characteristics of semiconductor traveling-wave amplifiers 65290
Zheng Dayue *see* Dayue Zheng
Zheng De Zhang *see* Zhang Zheng De
Zheng Gang, Cai Xiaoshu, Zhang Zhiwei, Wang Naining A new two-step on-line measurement to determine particle size distributions 79692
Zheng Gang *see* Gang Zheng
Zheng Guangzhao Image enhancement by using a photorefractive crystal Cu:KNSBN 77074
Zheng Guo-Xing *see* Guo-Xing Zheng
Zheng Guobao *see* Guobao Zheng
Zheng Guoqing, Kitaoka, Y., Asayama, K., Hamada, K., Yamauchi, H., Tanaka, S. NMR study of local hole distribution, spin fluctuation and superconductivity in Tl$_2$Ba$_2$Ca$_2$Cu$_3$O$_{10}$ 75322
Zheng Guowu *see* Guowu Zheng
Zheng Guozhen *see* Cai Yi 95990
Zheng Hai-Qun *see* Hai-Qun Zheng
Zheng Jian-Jun *see* Jian-Jun Zheng
Zheng Jiang *see* Jiang Zheng
Zheng Jiang Yu *see* Jiang Yu Zheng
Zheng Jun *see* Zheng Shaoren 118730
Zheng Junli *see* Sun Shouyu 106124
Zheng Kaifu *see* Zhou Jun 117733
Zheng Li, Yilcai Su, Yueping Tang High speed driving of a gain-switched laser diode with an exponential transmission line 104414
Zheng Lianxi *see* Lianxi Zheng
Zheng Lirong *see* Lirong Zheng
Zheng Liu *see* Liu Zheng
Zheng Maosheng *see* Luo Enze 73943
Zheng Maosheng *see* Luo Enze 73979
Zheng Mei, Xiao Ying, Sheng Jianni, Yan Zhang, Cheng Zhiguang New development of boundary element method 107719
Zheng Meite *see* Liu Zhaoxu 111519
Zheng Ming *see* Ming Zheng
Zheng Nanning *see* Jia Tianxu 98269
Zheng Peng Fang *see* Fang Zheng Peng
Zheng Qilun, Lan Bin, Zhao Ming, Huang Guanguang A design of high speed fuzzy controller 61937
Zheng Qilun *see* Ling Weixin 93288
Zheng Qingcheng *see* Dian-Tong Lu 94217
Zheng Qu *see* Qu Zheng
Zheng Quan *see* Quan Zheng
Zheng Ruiying *see* Wu Ying 73707
Zheng Shaoren, Zhang Jianfeng, Zheng Jun The implementation of SS7 in JSU-16000 118730
Zheng Shaoren *see* Zhu Xiangfeng 118732
Zheng Shengnan *see* Zhu Shengyun 110632
Zheng Shirong *see* Zhang Liming 67351
Zheng Shuxin *see* Wang Xia 119521
Zheng Sumin *see* Zhao Dongfeng 118815
Zheng Tang *see* Tanno, K. 93625
Zheng Tianxue, Chen Jingkuan, Chen Xuejun, Luo Yushan, Bi Qincheng, Wu Luchen, Wang Xiaowei, Liu Baosen, Chen Chunda In investigation on internal surface heat transfer in internally ribbed tubes of sliding-pressure operation one-through boiler's water wall 121363
Zheng Tongxin *see* Chen Xueqing 111484
Zheng Wang, Crowcroft, J. Bandwidth-delay based routing algorithms 87486
Zheng Wang, Crowcroft, J. Quality-of-service routing for supporting multimedia applications 108872
Zheng Wang *see* Crowcroft, J. 78026
Zheng Wei Xing *see* Wei Xing Zheng
Zheng Wei-Ming *see* Wei-Ming Zheng
Zheng Wei-Xing *see* Wei-Xing Zheng
Zheng Weijian, Zhu Xichen, Liang Hongling, Bao Hongzhen Study of LWIR photoconductive phenomenon of MCT at different temperature 96001
Zheng Wende *see* Wei Qidong 112421
Zheng Wu *see* Wu Zheng
Zheng Xiang-Yang *see* Xiang-Yang Zheng
Zheng Xiaosong *see* Wang Shaolin 66927
Zheng Xingshi, Li Yao, Luo Xizhang, Liu Min, Lin Yikun Interaction of Raman processes in miniature optically pumped far-infrared laser 65049
Zheng Xingshi, Luo Xizhang, Lin Chunguang, Liu Min, Lin Yukun Interaction enhancement and competition of Raman processes in optically pumped NH$_3$ submillimeter wave laser 75788
Zheng Xingshi *see* Xingshi Zheng
Zheng Xinjian, Wang Qiping The types and the formation mechanisms of AgNi contact morphology due to breaking arc erosion 62408
Zheng Xiulin *see* Liu Weidong 73936
Zheng Xuefan *see* Chen Xiaojian 62239
Zheng Xuefan *see* Sun Xiaopeng 73709
Zheng Xujun *see* Zhang Wentao 91245
Zheng Yanxiang *see* Yanxiang Zheng
Zheng Yibin *see* Yibin Zheng
Zheng Yisong, Lu Tianquan, Zhang Chengxiang, Wu Xuhong, Su Weihui Effective interaction of electrons in a single-heterostructure by exchange of the interface phonons 114710
Zheng Yong-Ping *see* Yong-Ping Zheng
Zheng Youdou *see* Chen Hao 84246
Zheng Youdou *see* Shi Yi 74109
Zheng Youdou *see* Youdou Zheng
Zheng Youfeng *see* Youfeng Zheng
Zheng Yu *see* Yongming Li 93232
Zheng Yu *see* Yongming Li 97596
Zheng Yu-Xiang *see* Yu-Xiang Zheng
Zheng Yunguang, Guo Weilian, Li Shurong Fabrication and characteristics analysis of low temperature silicon bipolar transistors 84343
Zheng Yunguaug *see* Yunguaug Zheng
Zheng Yuxia, Zhu Lian, Qian Leijia, Zhang Mingke, Fan Dianyuan Investigation of "Shengguang-II" main amplifier 96181
Zheng Yuxiang *see* Li Guozheng 64741
Zheng Zeng *see* Wengang Wu 84341
Zheng Zeng *see* Zeng Zheng
Zheng Zengyu *see* Zengyu Zheng
Zheng Zhaohui, Hu Saigui, Hu Jiandong Capacity improvement with base station antenna arrays in cellular CDMA 117067
Zheng Zhiguang Method of fixed position of switched center nodes on campus network's backbone adopting switched techniques 98713
Zheng Zhihang *see* Hui Xinbiao 88835
Zheng Zhihong *see* Zhu Hong 62568
Zheng Zhou *see* Qi-Lian Liang 108362
Zheng Zhou *see* Zhou Zheng
Zheng-Kang Shen *see* Lan Tao 66898
Zheng-Min Sun *see* Shi-De Cheng 89341
Zheng-Ming Ge, Yuan-Ching Lue, Fu-Neng Ku Dynamic analysis of a gyrocompass 120618
Zheng-Quan Zhang *see* Bing Xu 96217
Zhengcai Fu *see* Fu Zhengcai
Zhengchao Wei *see* Wei Zhengchao
Zhengde, W. *see* Xiaohong, T. 73143
Zhengde Lu *see* Lu Zhengde
Zhengding Qiu *see* Qiu Zhengding
Zhengdong Zhao *see* Zhao Zhengdong
Zhengfan, L. *see* Zhiyong, X. 73903
Zhengfan Li *see* Li Zhengfan
Zhengfang Fan *see* Fan Zhengfang
Zhengfang Ge *see* Thompson, R.B. 79568
Zhengfen Qiu *see* Qiu Zhengfen
Zhenggang Yu *see* Yu Zhenggang
Zhenghao Chen, Xudong Xiao, Au, S., Junming Zhou, Loy, M.M.T. Kinetics of thermal annealing in strained ultrathin Si/Ge superlattices on vicinal Si(100) studied by Raman scattering 105533
Zhenghao Chen *see* Xinhui Zhang 94511
Zhenghao Chen *see* Chen Zhenghao
Zhenghe Han *see* Lahtinen, M. 95414
Zhenghe Xu *see* Qingxia Liu 64284
Zhenghong Lee, Diaz, P.J., Bellon, E.M. Analysis of Fourier volume rendering 70102
Zhenghui Gou *see* Gou Zhenghui
Zhenghui Li *see* Weitang Li 80061
Zhenghui Li *see* Weitang Li 100828
Zhenghui Xue *see* Xue Zhenghui
Zhengjun Xiong *see* Gang Ding Peng 116392
Zhengkuan Jiao *see* Jiao Zhengkuan
Zhengkun Mi *see* Mi Zhengkun
Zhengli Zhou *see* Zhou Zhengli
Zhengmao Li *see* Lu Fan 68217
Zhengmao Li *see* Li Zhengmao
Zhengmao Wu *see* Wu Zhengmao
Zhengmin Sun *see* Shide Cheng 95846
Zhengmin Sun *see* Shide Cheng 116134
Zhengming Hu *see* Hu Zhengming
Zhengming Ji *see* Yan Gao 73698
Zhengming Wan, Dozier, J. A generalized split-window algorithm for retrieving land-surface temperature from space 90810
Zhengming Zhang Potentiostatic charging and current capability of carbon electrodes for Li-ion batteries 81672
Zhengpei Miao *see* Miao Zhengpei
Zhengping Ding, Kai Chang Modes and their stability of a symmetric two-element coupled negative conductance oscillator driven spatial power combining array 114227
Zhengping Wang *see* Wang Zhengping
Zhengqi Lu *see* Shieh, J.S. 86799
Zhengqing Qin *see* Qin Zhengqing
Zhengqiu Wang *see* Wang Zhengqiu
Zhengqui Wang *see* Wang Zhengqui
Zhengrong Liang, Jinghan Ye, Juihsi Cheng, Hanington, D.P. The inversion of the exponential Radon transform for quantitative brain SPECT 90386
Zhengrong Liang, Jinhan Ye, Juihsi Cheng, Harrington, D.P. Quantitative brain SPECT in three dimensions: an analytical approach without transmission scans 80226
Zhengrong Wang *see* Wang Zhengrong
Zhengshan Xu *see* Xu Zhengshan
Zhengwei Xu *see* Xu Zhengwei
Zhengwen Xiao *see* Jiangling Zhang 115778
Zhengxian Zhang *see* Zhang Zhengxian

Zhengxin Liu *see* Liu Zhengxin
Zhengxin Xu *see* Xu Zhengxin
Zhengxiong Xu *see* Xu Zhengxiong
Zhengxiu Fang *see* Fang Zhengxiu
Zhengya Cao *see* Xunchun Li 94855
Zhengyi Jin *see* Jin Zhengyi
Zhengyou Zhang Motion of a stereo rig: strong, weak and self calibration 86675
Zhengyu Dai *see* Dai Zhengyu
Zhengyuan Wang *see* Wuchen Wu 106026
Zhenhai Zhang *see* Yinbao Chen 89883
Zhenhai Zhu *see* Zhu Zhenhai
Zhenhe Fang *see* Fang Zhenhe
Zhenhong Jia *see* Jia Zhenhong
Zhenhua Dong *see* Dong Zhenhua
Zhenhua Yang *see* Yang Zhenhua
Zhenhuan Ye *see* Ye Zhenhuan
Zhenhui Tan, Zhang Yanrong Antiing multipath multiaddress interference technology in spread spectrum communications 118798
Zhenjia Lei *see* Lei Zhenjia
Zhenjiang, W. The failure analysis of ultrahigh frequency and low noise transistors in mass production 114289
Zhenkang Shen *see* Shen Zhenkang
Zhenlin Liu, Izumida, S., Chengyou Liu, Sarukura, N., Hikita, T., Segawa, Y., Itatani, T., Sugaya, T., Nakagawa, T., Sugiyama, Y. 1-GHz repetition-rate mode-locked Ti:sapphire laser using a saturable Bragg reflector 116446
Zhenmao Liu *see* Liu Zhenmao
Zhenmin Pang *see* Pang Zhenmin
Zhenming Fend *see* Fend Zhenming
Zhenming Guo *see* Guo Zhenming
Zhenming Xu *see* Xu Zhenming
Zhenming Yang *see* Yang Zhenming
Zhenning Chen *see* Chen Zhenning
Zhenning Liu, Eastham, A.R., Dawson, G.E., Webb, J.P. Artificial diffusion concept for moving conductor eddy current problems with edge elements 65687
Zhenping Chen *see* Ming Xian 119279
Zhenqian Wei *see* Haosheng Fei 116676
Zhenqing Liu *see* Liu Zhenqing
Zhenqing Yun *see* Yun Zhenqing
Zhenqing Zhu *see* Zhu Zhenqing
Zhenrui Yu *see* Yu Zhenrui
Zhensen Wu *see* Wu Zhensen
Zhensheng Chen *see* Chen Zhensheng
Zhensheng Zhang *see* Chipalkatti, R. 78862
Zhenwei Luo *see* Guangyi Wan 89161
Zhenwen Cui *see* Cui Zhenwen
Zhenxi Wang *see* Jifan Hu 75147
Zhenxiang Chen *see* Chen Zhenxiang
Zhenxiang Han *see* Han Zhenxiang
Zhenxin Yu *see* Yu Zhenxin
Zhenxing Liu *see* Baoquan Sun 83958
Zhenya He *see* Jung Wang 86170
Zhenyu Xu *see* Xu Zhenyu
Zhenyu Yuan *see* Yuan Zhenyu
Zhenyuan Wang, Klir, G.J., Wei Wang Monotone set functions defined by Choquet integral 72501
Zhenzhong Pan *see* Pan Zhenzhong
Zhenzhou Guo, Della Torre, E. Micromagnetic modeling of thin-film recording heads 64419
Zhenzhou Guo, Della Torre, E. Effect of head domain asymmetry on a recording track 64445
Zherebov, A.Yu. *see* Lachinov, A.N. 82774
Zheren Lai, Smedley, K.M., Yunhong Ma Time quantity one-cycle control for power factor correctors 71459
Zheru Chi, Hong Yan Feature evaluation and selection based on an entropy measure with data clustering 86975
Zherzdev, A.V. *see* Pietruszko, S.M. 94684
Zheshen Li *see* Xiaoyuan Hou 105649
Zheshen Li *see* Xun Wang 84198
Zhevako, V.V. *see* Baklanov, A.I. 100097
Zhevlakov, A.P. *see* Artemov, A.A. 107109
Zhevlakov, A.P. *see* Belyaev, A.A. 75811
Zhevlakov, A.P. *see* Belyaev, A.A. 116307
Zhevlakov, A.P. *see* Bespalov, V.G. 75794
Zhevlakov, A.P. *see* Bespalov, V.G. 116341
Zhevlakov, A.P. *see* Danilov, O.B. 116364
Zhewang Ma, Miyata, A., Yamashita, E. Analysis of compensated structures in planar transmission lines using the FDTD method incorporating triangular subcells 97233
Zheyuan Zhang, Yunxiang Hong Study of the relationship between the epitaxial layer quality and the characteristic of the current regulator devices 84481
Zhgoon, S. *see* Lauwers, J. 95489
Zhgoon, S.A., Lobov, G.D., Kislinskii, Yu.V., Kuzhakhmetov, A.R., Stepantsov, E.A. Phase locking up to 2.5 THz in grain-boundary Josephson junctions at 77 K 62300
Zhi, X. *see* Li, X.R. 108373
Zhi Chen *see* Dae-Gyu Park 114839
Zhi Ding Characteristics of band-limited channels unidentifiable from second-order cyclostationary statistics 67497
Zhi Ding Myopic channel identification: identifying unknown channels based on known pulse shapes 77557
Zhi Ding An outer-product decomposition algorithm for multichannel blind identification 117920
Zhi Ding *see* Ye Li 67500
Zhi Gang Peng *see* Kawakami, Y. 105131
Zhi Gang Wang, Nakamura, Y. Spin tunneling random access memory (STram) 115866
Zhi Hao Qu *see* Qu Zhi Hao
Zhi Jun *see* Jun Zhi
Zhi Lin *see* Lin Zhi
Zhi Wang Er *see* Wang Er Zhi
Zhi Yi Chen *see* Chen Zhi Yi
Zhi Yuan Liu *see* Liu Zhi Yuan
Zhi Zhou, Kok-Meng Lee Real-time motion control of a multi-degree-of-freedom variable reluctance spherical motor 91467
Zhi-Gong Wang, Berroth, M., Thiede, A., Rieger-Motzer, M., Hofmann, P., Hulsmann, A., Kohler, K., Raynor, B., Schneider, J., Briggmann, D. Circuit techniques for 10 and 20 Gb/s clock recovery using a fully balanced narrowband regenerative frequency divider with 0.3 μm HEMTs [SDH/SONET] 73504
Zhi-Guang Gu *see* Bing-Zong Li 84209
Zhi-Guang Gu *see* Hua Fang 84212
Zhi-Guo Liu *see* Tao Yu 115410
Zhi-He Zhou *see* Zhou Zhi-He
Zhi-Jian Li *see* Tjuatja, S. 107857
Zhi-Jian Mou Symmetry exploitation in digital interpolators/decimators 117325
Zhi-Jian Yue *see* Xiao-Ping Zhou 70169
Zhi-Jie Wang, Jun-Jie Shi, Zi-Xin Liu, Shao-Hua Pan Binding energy of a polaron in asymmetric polar semiconductor heterostructures 114704
Zhi-Li Zhang *see* Presti, F.L. 87403
Zhi-Li Zhang *see* Salehi, J.D. 78169
Zhi-Liang Chen, Jian-Ren Zhang, Yong-Feng Wang Telephone alarm ASIC CTH936 87626
Zhi-lin Zhang *see* Zhang Zhi-lin
Zhi-Pei Liang, Lauterbur, P.C. Constrained imaging: overcoming the limitations of the Fourier series 120290
Zhi-Pei Liang *see* Hanson, J.M. 101303
Zhi-Pei Liang *see* Hess, C.P. 86634
Zhi-Qiang Jin, Sun, X.K., Liu, W., Zhao, X.G., Xiao, Q.F., Sul, Y.C., Zhang, Z.D., Zhigang Wang Structure and magnetic properties of mechanical alloyed Nd-Fe-Ti compounds and their nitrides 64319
Zhi-Qiang Liu *see* Kitchen, L. 86690
Zhi-Qiang Liu *see* Tak-Keung Cheng 86639
Zhi-Qiang Peng *see* Peng Zhi-Qiang
Zhi-Quan Luo *see* Dam, W.C. 66243
Zhi-Quan Luo *see* Qu Jin 73559
Zhi-ren Qiu *see* Wei-liang Li 62748
Zhi-Wei Liu *see* Ying Guo 79401
Zhi-Yong Li, Zhen-Kang Shen, Wei-Ping Yang An estimation method based on wavelet transformation for infrared image noise 119688
Zhi-Yuan Shen, Wilker, C., Pang, P., Carter, C., III High-power HTS planar filters with novel backside coupling 73654
Zhi-Zhan Xu *see* Bing Xu 96217
Zhian Lin *see* Lin Zhian
Zhiben Gong *see* Gong Zhiben
Zhibiao Feng *see* Feng Zhibiao
Zhibin Huang, Yinbao Chen, Shinian Fu Emittance growth caused by bunched beam with nonuniform distributions in both longitudinal and transverse directions in linac 89884
Zhibin Huang *see* Shinian Fu 76059
Zhibin Huang *see* Yinbao Chen 89883
Zhibin Lei, Cooper, D.B. New, faster, more controlled fitting of implicit polynomial 2D curves and 3D surfaces to data 86422
Zhibin Zhu, Zieher, K.W. Design aspects of a 94 GHz extended interaction Klystron 62587
Zhibing Deng *see* Shulian Zhang 79345
Zhibo Xiao *see* Maosheng Hao 103831
Zhicheng Wang Code-excited iterated function prediction 117424
Zhichou Zhang *see* Zhang Zhichou
Zhichu Fang *see* Fang Zhichu
Zhichun Xue *see* Xue Zhichun
Zhidkov, A.A. Technology for developing algorithmic support for operative functions of the process control system of a power unit 71013
Zhidkov, E.P., Yuldasheva, M.B., Yudin, I., Yuldashev, O.I. Vector computer used for calculation of 3D magnetostatic fields 85800
Zhidong Lu, McClure, D., Tilkemeier, P. Simultaneous reconstruction of activity distribution and attenuation/scatter distribution in myocardial SPECT 101106
Zhifang Fan, Mohammad, S.N., Aktas, O., Botchkarev, A.E., Salvador, A., Morkoc, H. Suppression of leakage currents and their effect on the electrical performance of AlGaN/GaN modulation doped field-effect transistors 95067
Zhifang Wang *see* Yuanzhang Sun 80820
Zhifang Wang *see* Wang Zhifang
Zhifei Chen *see* Chen Zhifei
Zhifeng Jiang, Zemin Liu The fuzzy leaky bucket for policing mechanism in ATM networks 108785
Zhifeng Jiang, Zemin Liu An improved algorithm of usage parameter control in ATM networks 117972
Zhifeng Jiao *see* Jiao Zhifeng
Zhifeng Li *see* Xinfan Huang 62883
Zhifeng Li *see* Xinfan Huang 94531
Zhifeng Li *see* Li Zhifeng
Zhifeng Shao *see* Jianxun Mou 99924
Zhigang, C.A.O. *(editor)* ICCT'96. 1996 International Conference on Communication Technology Proceedings (Cat. No.96TH8118) 112732
Zhigang Cao *see* Lifang Li 119107
Zhigang Cao *see* Cao Zhigang
Zhigang Chen, Mitchell, M., Ming-Feng Shih, Segev, M., Garrett, M.H., Valley, G.C. Steady-state dark photorefractive screening solitons 65477
Zhigang Chen, Mitchell, M., Segev, M. Steady-state photorefractive soliton-induced Y-junction waveguides and high-order dark spatial solitons 65499
Zhigang Chen, Segev, M., Coskun, T.H., Christodoulides, D.N. Observation of incoherently coupled photorefractive spatial soliton pairs 116628
Zhigang Cu *see* Cu Zhigang
Zhigang Huang *see* Hui Ma 64102
Zhigang Liu, Yanxiang Zheng, Yumin Feng Personal multimedia desktop system (PMDS) 118626
Zhigang Qin, Veeraraghavan, M., La Porta, T.F. An improved mobile tracking and location procedure for ATM-based PCNs 78445
Zhigang Ruan *see* Ruan Zhigang
Zhigang Wang *see* Zhi-Qiang Jin 64319
Zhigang Xiang *see* Joy, G. 66971
Zhigang Zhu, Haojun Xi, Guangyou Xu Combining rotation-invariance images and neural networks for road scene understanding 108619
Zhigang Zhu *see* Xueyin Lin 77530
Zhigao Fang *see* Fang Zhigao
Zhigljavsky, A.A., Chekmasov, M.V. Comparison of independent, stratified and random covering sample schemes in optimization problems 60887
Zhiglo, V.F. *see* Dovbnya, A.N. 90081
Zhiguang Cheng *see* Cheng Zhiguang
Zhiguang Tian *see* Tian Zhiguang
Zhiguang Zheng *see* Zheng Zhiguang
Zhiguo Fan *see* Fan Zhiguo
Zhiguo Liu *see* Xinfan Huang 94531
Zhiguo Liu *see* Liu Zhiguo
Zhihang Zheng *see* Zheng Zhihang
Zhihao Chen *see* Yucui Li 96608
Zhihao Zhang *see* Zhang Zhihao
Zhihong Fang *see* Fang Zhihong
Zhihong Feng *see* Feng Zhihong
Zhihong Hu *see* Hu Zhihong
Zhihong Li *see* Li Zhihong
Zhihong Liu *see* Yuhua Cheng 114142
Zhihong Zheng *see* Zheng Zhihong
Zhihua Ling *see* Ling Zhihua
Zhihui Zhou *see* Kaisheng Hu 84493
Zhiji, M. *see* Guizhen, L. 76390
Zhijian Hou *see* Hou Zhijian
Zhijian Li *see* Liusheng Liu 83253
Zhijian Li *see* Ping Chen 94880
Zhijian Li *see* Qingxin Zhang 84174
Zhijian Li *see* Quanbo Zou 89519
Zhijian Li *see* Quanbo Zou 111361
Zhijian Li *see* Shurong Li 94914
Zhijian Li *see* Wei Lu 93637
Zhijian Li *see* Wei Lu 104769
Zhijian Tang *see* Tang Zhijian
Zhijian Ye *see* Dayue Zheng 69241
Zhijian Zhang, Yili Guo, Hanyi Zhang, Dejie Li, Bingkun Zhou Optical buffer in an asynchronous transfer mode photonic switching system 78949
Zhijian Zhang *see* Zhang Zhijian
Zhijiang Wang *see* Junbiao Zhu 114502
Zhijiang Wang *see* Wang Zhijiang
Zhijie Li *see* Li Zhijie
Zhijie Sun *see* Sun Zhijie
Zhijun He *see* He Zhijun
Zhijun Liu *see* Liling Xiao 65971
Zhijun Ren *see* Ren Zhijun
Zhijun Wang *see* Wang Zhijun
Zhikui Zhou *see* Zhou Zhikui
Zhilian Yang *see* Jin Zhang 84546
Zhiliang Fang *see* Fang Zhiliang
Zhiliang Hong, Xianguo Cao, Mucha, J. C-simulator for over-sampling $\Sigma\Delta$ A/D converters 83184
Zhiliang Hong, Yan Wang A low power OTA with adaptive biasing and common-mode compensation 82974
Zhiliang Wang *see* Wang Zhiliang
Zhilin, I. *see* Qingyue, H. 120455
Zhilin, V.M. *see* Aristov, V.Y. 114810
Zhilin Zhang *see* Zhang Zhilin
Zhimei Cheng *see* Cheng Zhimei
Zhimin Zhou *see* Zhou Zhimin
Zhiming Chen *see* Jian Liu 83760
Zhiming Feng *see* Feng Zhiming
Zhiming Huang *see* Adkins, C.A. 97011
Zhimov, V.V., Bormatova, L., Givargizov, E.I., Plekhanov, P.S., Son, U.T., Galdetsky, A.V., Belyavsky, B.A. Field emission properties of Au-Si eutectic 73972
ZhiNing Chen, Wei Hong, WenXun Zhang Electromagnetic scattering from a chiral cylinder–general case 85820
Zhiping He, Cristiano, F., Zuyao Zhou, Youhua Qian, Liangyao Chen, Chenglu Lin, Hemment, P.L.F., Shichang Zou Transmission electron microscopy and spectroscopic ellipsometry studies of damage layer induced by large tilt angle ion implantation 114866
Zhiping Jiang, Abraham, K.M. Preparation and electrochemical characterization of micron-sized spinel $LiMn_2O_4$ 71634
Zhiping Jiang *see* Zongfu Jiang 95926
Zhiping Song *see* Song Zhiping
Zhiping Yang *see* Yang Zhiping

Zhiping Yu, Dutton, R.W., Harrison, W.A., Yi Liu Dynamic trapping model for analysis of GaAs MESFETs and quantum well lasers 84464
Zhiping Yu *see* Dutton, R.W. 73038
Zhiping Yu *see* Yu Zhiping
Zhipu You *see* Wuyuan Lin 82975
Zhiqian Bo *see* Bo Zhiqian
Zhiqian Wang *see* Ben-Arie, J. 77307
Zhiqiang Ge *see* Ge Zhiqiang
Zhiqiang Lu *see* Lu Zhiqiang
Zhiqiang Yu *see* Yu Zhiqiang
Zhiqing Meng *see* Meng Zhiqing
Zhiqing Wen *see* Xiangyang Yang 95650
Zhiquan, Y., Yan, C., Lijun, X. Development of wind power generation in China 102547
Zhiqun Li *see* Begueret, J.B. 120266
Zhirnov, V.V., Choi, W.B., Cuomo, J.J., Kren, J.J. Diamond coated Si and Mo field emitters: diamond thickness effect 73969
Zhirnov, V.V., Voronin, A.B., Givargizov, E.I., Meshcheryakova, A.L. Emission stability and high current performance of diamond-coated Si emitters 73939
Zhirnov, V.V., Voronin, A.B., Givargizov, E.I., Meshcheryakova, A.L. Emission stability and high current performance of diamond-coated Si emitters 83703
Zhirnov, V.V. *see* Choi, W.B. 83705
Zhirnov, V.V. *see* Givargizov, E.I. 73940
Zhirnov, V.V. *see* Givargizov, E.I. 73968
Zhirnov, V.V. *see* Givargizov, E.I. 74031
Zhirnov, V.V. *see* Givargizov, E.I. 83702
Zhirnov, V.V. *see* Givargizov, E.I. 92664
Zhirnova, I.B. *see* Tokarev, A.B. 70411
Zhirong Wu *see* Liang Tang 121542
Zhishan Liu *see* Liu Zhishan
Zhishen Hong *see* Hong Zhishen
Zhisheng Niu, Kubota, F. A bursty transmission scheme for wireless ATM and its analysis 118948
Zhishun She *see* Zhaoda Zhu 119316
Zhitang Li *see* Li Zhitang
Zhitomirskii, V.E. *see* Timofeev, V.B. 62798
Zhiwei, Z. *see* Debiao, G. 76388
Zhiwei Kang *see* Xianlong Hong 83057
Zhiwei Liu *see* Liu Zhiwei
Zhiwei Mao *see* Mao Zhiwei
Zhiwei Xu *see* Kai Hwang 83166
Zhiwei Zhang *see* Zhang Zhiwei
Zhiwen Chen *see* Shuyuan Zhang 94590
Zhiwen Zhu *see* Zhong Liu 97360
Zhixian Jiao *see* Jiao Zhixian
Zhixiang Chen, Cunha, C., Homer, S. Finding a hidden code by asking questions 103580
Zhixin Yang *see* Yang Zhixin
Zhixin Yao *see* Yao Zhixin
Zhixing Yang, Yanjie Chai, Hui Yang, Fenghai Liu, Jiangde Pang, Xiaoming Liu, Pingsheng Tang, Chongcheng Fan 2.5 Gb/s repeaterless optical transmission over 200 km single mode fiber with EDFA 119205
Zhixing Yang *see* Jian Song 88520
Zhixing Yang *see* Jian Song 119177
Zhixing Yang *see* Yang Zhixing
Zhixiong Liu *see* Jiye Ximen 99755
Zhixiong Xiao *see* Xiao Zhixiong
Zhiyao Ma *see* Jiqun Shi 91745
Zhiye Chen *see* Chen Zhiye
Zhiyi Wei *see* Wei Zhiyi
Zhiyi Zhang, Grattan, K.T.V., Youlin Hu, Palmer, A.W., Meggitt, B.T. Prony's method for exponential lifetime estimations in fluorescence-based thermometers 100060
Zhiying Jiang *see* Jiang Zhiying
Zhiying Jin *see* Goldfarb, D. 113182
Zhiying Zhang *see* Swift, G. 81528
Zhiyong, X., Zhengfan, L. Electrical performance of multiconductor interconnects for MCM with perforated reference planes 73903
Zhiyong Geng *see* Geng Zhiyong
Zhiyong He *see* He Zhiyong
Zhiyong Liu *see* Liu Zhiyong
Zhiyong Yang *see* Yang Zhiyong
Zhiyong Zhao *see* Zhao Zhiyong
Zhiyong Zhong *see* Zhong Zhiyong
Zhiyu Wen, Long Fei, Xianxin Zhong, Youli Li A novel integrated silicon micro-mechanical/optical pressure sensor 69102
Zhiyuan Lin *see* Lin Zhiyuan
Zhiyun, Z. *see* Yeuming, C. 114041
Zhiyun Chen *see* Mingzhen Xu 84010
Zhiyun Chen *see* Chen Zhiyun
Zhiyun Hu *see* Hu Zhiyun
Zhiyun Ren, Schutze, H. Estimation of time-varying acoustic echo paths in double talking situations using a modified, stabilized FTF algorithm 66842
Zhiyun Zhuo *see* Zhuo Zhiyun
Zhizhan Xu *see* Xu Zhizhan
Zhizhang Chen *see* Chan, A.M.K. 107988
Zhizhen Ye *see* Ye Zhizhen
Zhizhi Xu *see* Xu Zhizhi
Zhizhong Guo *see* Guo Zhizhong
Zhizhong Song *see* Wenjun Zhang 74122
Zhizhong Song *see* Song Zhizhong
ZhiZhong Wang *see* Feng, D. 101193
Zhmerik, V.N., Ivanov, S.V., Maksimov, M.V., Kuznetsov, V.M., Ledentsov, N.N., Sorokin, S.V., Domrachev, S.N., Shmidt, N.M., Krestnikov, I.L., Kop'ev, P.S. Doping of ZnSe during molecular-beam epitaxy using a high-efficiency source of active nitrogen 74537
Zhmerik, V.N. *see* Drozdova, S.V. 92742
Zhmodikov, A.L. *see* Moskalenko, E.S. 83931
Zhmud, V.A. *see* Efimov, A.S. 119785
Zhmurkin, D.V., Gross, T.S., Buchwalter, L.P., Kaufman, F.B. Thermomechanical deformation of 1 μm thick Cu-polyimide line arrays studied by scanning probe microscopy 94812
Zhmurova, L.I. *see* Kulikov, V.N. 86472
Zhoa Hong, Cui Shihai, Wan Xuan, Tu Demin A laser scanning system for the inspection of contamination in XLPE compounds 64142
Zhogin, D.Yu. *see* Volkov, E.P. 102353
Zholents, A. *see* Cai, Y. 79973
Zholents, A. *see* Heim, J. 100442
Zholents, A. *see* Robin, D. 89812
Zholents, A. *see* Robin, D. 120014
Zholents, A.A. Beam-beam effects 120008
Zholents, A.A. *see* Shatilov, D.N. 89834
Zhong, J. *see* Kang, L. 79217
Zhong, L. *see* Rahman, M.F. 121929
Zhong, L. *see* Rahman, M.F. 121997
Zhong, M.M. *see* Chambless, L.E. 90468
Zhong, Q. *see* Mao, H. 81679
Zhong, S., Chin, F. Visual pattern-based motion estimation for video coding 86567
Zhong, S., Liu, H.K., Dou, S.X., Skyllas-Kazacos, M. Evaluation of lead-calcium-tin-aluminium grid alloys for valve-regulated lead/acid batteries 112265
Zhong, S., Szu, H., Chin, F., Shi, Q.-Y. Constraints in the wavelet transform domain for stereo vision correspondence matching 97873
Zhong, W. *see* Misra, D. 63322
Zhong, W.D., Dods, S., Lacey, J.P.R., Tucker, R.S. Reconfigurable multichannel add-drop multiplexer with improved performance 99035
Zhong, X.R. *see* Lin, L.Y. 82581
Zhong, Z. *see* Dilmanian, F.A. 90434
Zhong Bai *see* Bai Zhong
Zhong Cao, Jianen Guo, Ling Li, Peida Ye Bidirectional active bus and its applications in fiber networks 88457
Zhong Cao, Ling Li, Peida Ye Bidirectional amplifications in an EDFA with balanced input signals and pumps 96154
Zhong Chen *see* Lee, R. 97034
Zhong Cheng *see* Cheng Zhong
Zhong Di *see* Di Zhong
Zhong Erkuan *see* Erkuan Zhong
Zhong Fan, Mars, P. Application of artificial neural networks to effective bandwidth estimation in ATM networks 108782
Zhong Fan, Mars, P. Performance analysis of an ATM cell multiplexer with MMPP input and a neural connection admission control approach 118016
Zhong Fan *see* Fan Zhong
Zhong Guo-Qun *see* Guo-Qun Zhong
Zhong He *see* Clinthorne, N.H. 101210
Zhong Jia *see* Jia Zhong
Zhong Jian *see* Bai Jing 110767
Zhong Lei *see* Lei Zhong
Zhong Li Qing *see* Li Qing Zhong
Zhong Liang *see* Huang Shengguo 101493
Zhong Liang Sun *see* Rong, A.S. 93662
Zhong Liang Sun *see* Wen Bin Dou 62216
Zhong Lieping *see* Lieping Zhong
Zhong Liu, Zhiwen Zhu Semi-infinite quadratic optimization method for the design of array patterns with prescribed nulls 97360
Zhong Liyun *see* Zhang Wenbi 96844
Zhong Pan *see* Yong-Zhen Huang 65218
Zhong Pan *see* Pan Zhong
Zhong Shan *see* Lou Caiyun 85388
Zhong Wanxie *see* Wanxie Zhong
Zhong Weili *see* Weili Zhong
Zhong Wen De *see* Wen De Zhong
Zhong Xiang-Qun, Xia Tao, Shi Qing-Yun A new method of stereo vision based on single-view understanding 97939
Zhong Xiang-Xiang *see* Xiang-Xiang Zhong
Zhong Xiangqun *see* Xiangqun Zhong
Zhong Xianxin *see* Xianxin Zhong
Zhong Xiao-Xin *see* Wu Xiao-Bo 79533
Zhong Xingjun *see* Lin Zhian 73715
Zhong Yanru *see* Yanru Zhong
Zhong Yu *see* McEliece, R.J. 66210
Zhong Yuexian *see* Cao Kang 79691
Zhong Yule, Zhao Shouan, Liu Tao Drift characteristics of pH-ISFET output 119628
Zhong Yuzhuo *see* Su Jun 67920
Zhong Zhefu, Liu Shenggang The study of two radiating systems with a beamwaveguide or vacuum flexible elliptical waveguide for high power microwave applications 117030
Zhong Zhiyong, Wang Haocai, Chen Weiyuan Optimization design of Bi-substituted garnet film/metal reflective layer/glass multilayered magneto-optical disks 116010
Zhong-he Wang *see* Wang Zhong-he
Zhong-Kang Sun *see* Guan Hua 66916
Zhong-Liang Sun A base of millimeter waves technology in China–introduction to the State Key Laboratory of Millimeter Waves, Southeast University 73617
Zhong-Lie Wang *see* Qing-Tai Zhao 84109
Zhong-Tai Zhang *see* Zhang Zhong-Tai
Zhong-Tao Jiang, Seungbum Hong, Eunah Kim, Byeong-Soo Bae, Kwangsoo No, Chang Kwon Hwangbo, Sung-Chul Lim, Sang-Gyun Woo, Young-Bum Koh Optical property simulation of single-layer halftone phaseshifting masks for DUV microlithography 115101
Zhong-Xian Zhao *see* Zhao Zhong-Xian
Zhong-Xuan Zhang, He Du, Man Shek Lee A 360 MHz 3 V CMOS PLL with 1 V peak-to-peak power supply noise tolerance 73167
Zhong-Ying Zhang, Bao-Zong Yuan A modified DLT approach to camera calibration 87029
Zhong-Zhi Bai The monotone convergence of a class of parallel nonlinear relaxation methods for nonlinear complementarity problems 72736
Zhong-Zhu Liu *see* Guang-Jiong Dong 84987
Zhong-Zhuo Tian *see* Zhen-Jun Wang 64375
Zhongcheng Li *see* Yinghua Min 61830
Zhongcheng Li *see* Yinghua Min 93026
Zhongchun Liu *see* Jie He 84245
Zhongde Wang, Jullien, G.A., Miller, W.C. Fast computation of Chebyshev optimal nonuniform interpolation 77062
Zhongfei Zhang, Weiss, R., Hanson, A.R. Obstacle detection based on partial 3D reconstruction 77322
Zhongfeng Hou *see* Hou Zhongfeng
Zhonghai Yu, Buczkowski, S.L., Giles, N.C., Myers, T.H. Defect reduction in ZnSe grown by molecular beam epitaxy on GaAs substrates cleaned using atomic hydrogen 84074
Zhonghao Li *see* Li Zhonghao
Zhonghong Jiang *see* Ning Lei 75891
Zhonghong Wang *see* Wang Zhonghong
Zhonghua Wu, Jiayuan Fang High-performance PML algorithms 97091
Zhonghua Wu *see* Jinyuan Fang 97090
Zhonghua Zhou *see* Zhou Zhonghua
Zhongjia Chen *see* Chen Zhongjia
Zhongjun Zhang *see* Zhang Zhongjun
Zhongkai Qu *see* Qu Zhongkai
Zhongkai Wang *see* Min Jiang 89348
Zhongkai Wang *see* Wang Zhongkai
Zhongkang Wu *see* Feng Zhao 115978
Zhongli He, Lieu, M.L., Chan, P.C.H., Li, R. An efficient VLSI architecture for new three-step search algorithm 98106
Zhongli Zhang *see* Zhang Zhongli
Zhonglian Sun *see* Sun Zhonglian
Zhonglie Wang *see* Wang Zhonglie
Zhonglin Liu *see* Liu Zhonglin
Zhonglin Sun *see* Sun Zhonglin
Zhongling Gao *see* Gao Zhongling
Zhongling Pen *see* Weizhu Lin 105318
Zhongling Peng, Horikoshi, Y. Carrier concentration saturation of double Si doping layers in GaAs 114861
Zhongmin Chen *see* Aru Yan 115848
Zhongmin Chen *see* Chen Zhongmin
Zhongmin Gan *see* Gan Zhongmin
Zhongmin Su *see* Su Zhongmin
Zhongmin Wen, Abe, H. Preparation and magnetic properties of superconducting flux flow devices 84915
Zhongmin Zhou *see* Feng, M. 93697
Zhongming Bao *see* Bao Zhongming
Zhongmou Chen *see* Chen Zhongmou
Zhongning Dai *see* Dai Zhongning
Zhongnong Jiang, Nan Chen, Dian Zhou A low-cost and low-power digital audio processor 68938
Zhongping Chen *see* Gao, H.H. 89180
Zhongping Huang *see* Huang Zhongping
Zhongping Li *see* Li Zhongping
Zhongping Zhang, Seifert, F., Weigel, R. A time code division multiple access (TCDMA) system proposal for indoor wireless communications 119085
Zhongqiang Qian *see* Pless, V. 66368
Zhongqiang Qian *see* Pless, V.S. 97563
Zhongqiang Yu *see* Yu Zhongqiang
Zhongquan Wu, Lide Wu, Aicheng Wu The robust algorithms for finding the center of an arc 77466
Zhongrong Liu, Mende, W. Modelling microcellular radio wave propagation 116887
Zhongrun Li *see* Li Zhongrun
Zhongwen Gao *see* Gao Zhongwen
Zhongxi Wu *see* Wu Zhongxi
Zhongxiang Shen, MacPhie, R.H. Input impedance of a center-fed circular patch antenna covered by a uniaxial anisotropic superstrate 117016
Zhongxiang Shen, MacPhie, R.H. Modal expansion analysis of monopole antennas driven from a coaxial line 117026
Zhongxiang Zhou *see* Zhou Zhongxiang
Zhongxin Xu *see* Xu Zhongxin
Zhongxing Bao *see* Bao Zhongxing
Zhongxing Shao Precise and versatile formula for birefringent filters 106915
Zhongxing Ye, Berger, T. Critical distortion of Potts model 66190
Zhongxing Ye, Zhen Zhang On the capacity rates of two-dimensional runlength limited codes 66352
Zhongxu Han *see* Han Zhongxu
Zhongyan Guo *see* Guo Zhongyan
Zhongyi Su *see* Su Zhongyi
Zhongyi Zhang *see* Lixin Zhao 94856
Zhongyu Wang *see* Wang Zhongyu
Zhongyuan Yu *see* Yu Zhongyuan
Zhongyun Lin *see* Lin Zhongyun
Zhongzang Huang *see* Huang Zhongzang
Zhongzhi Bai *see* Bai Zhongzhi
Zhongzuo Lu *see* Lu Zhongzuo

Zhou, B., Atiquzzaman, M. Performance of ATM switch fabrics using crosspoint buffers 77686
Zhou, B., Li, X., Tansley, T.L., Butcher, K.S.A. Growth mechanisms in excimer laser photolytic deposition of gallium nitride at 500°C 61387
Zhou, B. *see* Tang, H. 97974
Zhou, B.B., Brent, R.P. Jacobi-like algorithms for eigenvalue decomposition of a real normal matrix using real arithmetic 72631
Zhou, B.S.M. *see* Wang, Y.D. 64372
Zhou, C., Zhang, G., Peng, J. Performance modeling based adaptive target tracking in multiscenario environment 86939
Zhou, C. *see* Auckland, D.W. 71269
Zhou, C.Z., Warburton, W.K. Noise analysis of low noise, high count rate, PIN diode X-ray detectors 80152
Zhou, C.Z., Warburton, W.K. Noise analysis of low noise, high count rate, PIN diode X-ray detectors 101011
Zhou, C.Z., Warburton, W.K. Comparison of silicon pin diode detector fabrication processes using ion implantation and thermal doping 115136
Zhou, D., Peirlinckx, L., Lumori, M., van Biesen, L. Estimation of ultrasonic source distributions of electroacoustic transducers 120926
Zhou, D., Yasuda, K., Yokoyama, R. An approach to fault point identification using neocognitron and BP neural network 121255
Zhou, D. *see* Venkatesh, B. 73350
Zhou, D. *see* Weaver, M.S. 75753
Zhou, D.B., Vander Poorten, H. Electroconductive membrane 'Celec' for application in zinc/air alkaline batteries: an impedance study of oxygen reduction at the interface Pt/Celec 121861
Zhou, D.H., Frank, P.M. Strong tracking filtering of nonlinear time-varying stochastic systems with coloured noise: application to parameter estimation and empirical robustness analysis 117362
Zhou, F., He, K.Y. An experimental investigation on the effective magnetic anisotropy of nanocrystalline $Fe_{89}Zr_7B_4$ soft magnetic alloys 75127
Zhou, F., He, K.Y., Bai, K.C. Microstructural and magnetic characteristics of nanocrystalline $Fe_{89}Zr_7B_4$ soft magnetic alloys 115486
Zhou, F. *see* Yi, X. 79409
Zhou, F. *see* Zheng, J.G. 74278
Zhou, G.E. *see* Chen Qianwang 61311
Zhou, H., Lundquist, P., Hahn, D., Ketterson, J., Wong, G., Xong, F., Chang, R.P.H. Nonlinear optical properties of potassium titanyl phosphate thin film deposited by UV laser ablation 116673
Zhou, H.P. *see* Ribayrol, A. 74142
Zhou, J., Cada, M., Li, G.P., Makino, T. Optical injection effects and all-optical set-reset operations in two-segment strained multiquantum-well distributed feedback bistable lasers 65217
Zhou, J., Fang, X., Ghosh, B.K. Multiresolution filtering with application to image segmentation 108685
Zhou, J., Maisl, M., Reiter, H., Arnold, W. Computed laminography for materials testing 72992
Zhou, J., O'Mahony, M.J. Power management system design of an optical multiwavelength transport network 88451
Zhou, J. *see* Chang, K.-C. 117347
Zhou, J. *see* Chang, Z. 90243
Zhou, J. *see* Du, J.F. 95895
Zhou, J. *see* Karnett, M. 106208
Zhou, J. *see* Meuris, B. 88476
Zhou, J. *see* Nassiri, A. 90086
Zhou, J. *see* Song, J.J. 89912
Zhou, J. *see* Vahala, K.J. 88480
Zhou, J. *see* Zhu, Q. 100104
Zhou, J.J. *see* Lee, H.P. 82674
Zhou, J.L., Tits, A.L. An SQP algorithm for finely discretized continuous minimax problems and other minimax problems with many objective functions 92548
Zhou, J.M. *see* Feng, W. 65505
Zhou, J.M. *see* Hu, E.Q. 96909
Zhou, J.W. *see* Kowitt, M.S. 99705
Zhou, K.D. *see* Hu, E.Q. 96909
Zhou, K.D. *see* Yu, H.T. 65688
Zhou, K.D. *see* Zhang, B.J. 102639
Zhou, K.M., Macdonald, D.C., Forbes, I.P. Asymmetrical fault current calculation in complex power systems 90930
Zhou, L. *see* Powell, J.A. 103976
Zhou, L. *see* Schwider, J. 79333
Zhou, L. *see* Shihab, S. 102217
Zhou, M., Reynolds, J.P., Nielsen, S.A. The basic physical processes in gas breakdown 95297
Zhou, M. *see* Anastassiou, G.A. 60934
Zhou, P. *see* McDermott, T. 107819
Zhou, Q.L. *see* Shi, R.F. 76226
Zhou, R., Schmeisser, D., Gopel, W. Mass sensitive detection of carbon dioxide by amino group-functionalized polymers 119781
Zhou, R. *see* Kia Yong Lim 101773
Zhou, R. *see* Lim, K.Y. 121031
Zhou, S. *see* Serreze, H.B. 96213
Zhou, S.Q. *see* Xin, J.G. 107106
Zhou, T., Hundt, M., Motta, V. Thermal evaluation of standard and power TQFP 103440
Zhou, T.X., Sasala, R.A., Powell, R.C. Fabrication of stable large-area thin-film CdTe photovoltaic modules 112337
Zhou, V. *see* Wu, B.-G. 89345
Zhou, W., Chalabi, Z.S. A new algorithm to solve calculus of variations problems using Wolfe's convergence theory. I. Theory and algorithm 82366
Zhou, W., Chalabi, Z.S. A new algorithm to solve calculus of variations problems using Wolfe's convergence theory. II. Implementation 82482
Zhou, W. *see* Folkes, P.A. 115242
Zhou, W. *see* Pan, W. 119700
Zhou, W. *see* Szymanski, J.J. 110589
Zhou, W. *see* Zhao, Y. 78661
Zhou, X., Heberlein, J., Pfender, E. Model predictions of arc cathode erosion rate dependence on plasma gas and on cathode material 62570
Zhou, X. *see* Gong, Y. 74077
Zhou, X. *see* Zhang, X. 73693
Zhou, X.-G. *see* Szymanski, J.J. 110589
Zhou, X.Q., Yuan Baozong Shape description using high order morphological spectrum 98154
Zhou, X.Z., Kunkel, H.P., Stampe, P.A., Williams, G. Superconducting properties of Fe-doped YNi_2B_2C 84853
Zhou, X.Z. *see* Morrish, A.H. 106506
Zhou, Y., Yasuda, K., Yokoyama, R. Dynamic voltage stability indices based on existence of stable equilibrium point 101745
Zhou, Y. *see* Gong, Y. 74077
Zhou, Y. *see* Kida, T. 86177
Zhou, Y. *see* Liu, H.L. 96737
Zhou, Y.-T. *see* Li, H.H. 97869
Zhou, Z. *see* Garvey, D.W. 106804
Zhou, Z. *see* Mumcuoglu, E.U. 101327
Zhou, Z. *see* Pang, S. 96607
Zhou, Z. *see* Panicacci, R. 100123
Zhou, Z. *see* Xiong, S. 84444
Zhou, Z.-L., Ferro-Luzzi, M., Van den Brand, J.F.J., Bulten, H.J., Alarcon, R., Van Bommel, R., Botto, T., Bouwhuis, M., Buchholz, M., Choi, S., Comfort, J., Doets, M., Dolfini, S., Ent, R., Gaulard, C., De Jager, C.W., Lang, J., De Lange, D.J., Miller, M.A., Passchier, E., Passchier, I., Poolman, H.R., Six, E., Steijger, J., Unal, O., De Vries, H. Performance of a polarized deuterium internal target in a medium-energy electron storage ring 110536
Zhou Baihua *see* Yun Xiaohua 62230
Zhou Baoqing, Wang Zhengqiu The exploring of millimeter wave radiation in medical applications 80452
Zhou Baoqing *see* Wang Zhengqui 79663
Zhou Bihua *see* Shi Lihua 99896
Zhou Bin *see* Wen Mengquan 74518
Zhou Bin *see* Zhang Xiaoshen 98710
Zhou Bing *see* Bing Zhou
Zhou Bingkun *see* Chai Yanjie 96317
Zhou Bingkun *see* Zhang Zhijian 99040
Zhou Bingkun *see* Zhang Zhijian 109315
Zhou Bingkun *see* Bingkun Zhou
Zhou Chi, Wang Qi, Ma Zuguang Observation of vacuum ultraviolet radiation from krypton fluoride ionic excimer 96110
Zhou Chuan *see* Chuan Zhou
Zhou Chuangzhi *see* Wang Pu 116343
Zhou Chuanming *see* Xu Yong 107367
Zhou Chunguang, Zhang Bing, Cheng Yanfeng, Hu Chengquan Genetic algorithm and its application in training feedforward neural network 92516
Zhou Dian *see* Dian Zhou
Zhou Dongsheng *see* Dongsheng Zhou
Zhou E *see* Cheng Ming 71290
Zhou Feng *see* Wu Zheng 117813
Zhou Fuzheng *see* Li Chuandong 75870
Zhou Gang *see* Gang Zhou
Zhou Gongye *see* Zhang Wei 69380
Zhou Guien *see* Guien Zhou
Zhou Guojun, Zeng Lieguang, Feng Chongxi An automatic telephone operator using speech recognition 118720
Zhou Guosheng *see* Wang Haibin 116693
Zhou Guotong *see* Guotong Zhou
Zhou Hai *see* Hai Zhou
Zhou Haijing, Ruan Yingzheng A general complex ray analysis method for radome based on Gaussian beam expansion 66172
Zhou Haijun *see* Haijun Zhou
Zhou Han *see* Han Zhou
Zhou Hanying *see* Hanying Zhou
Zhou Hao *see* Chen Haiyong 92647
Zhou Heqin *see* Du Keqiang 119513
Zhou Hong *see* Hong Zhou
Zhou Hongbin *see* Zhan Daoyong 88134
Zhou Hongyu, Huang Guangshun, Fan Guoying A lifetime correction method for the gamma-ray yield measurement in (n,xγ) experiments 69765
Zhou Huaichun, Lou Xinsheng, Yin Heling, Deng Yuankai, Gu Yizhi, Sun Guojun Model establishment of fuel controlled objective in utility boilers based on signal of radiative energy from furnaces and simulation on its control 121359
Zhou Huan *see* Huan Zhou
Zhou Huiyang *see* Huiyang Zhou
Zhou Jian *see* Tian Feng 119870
Zhou Jian-ying *see* Jian-ying Zhou
Zhou Jianhui *see* Jianhui Zhou
Zhou Jianjun *see* Ye Zifeng 100400
Zhou Jianqun *see* Wang Jinchuan 69823
Zhou Jianxin *see* Jianxin Zhou
Zhou Jianying *see* Jianying Zhou
Zhou Jianzhong *see* Gu Jiahui 69702
Zhou Jie *see* Lu Liwu 115244
Zhou Jin *see* Gu Xiaofeng 75599
Zhou Jin *see* Jin Zhou
Zhou Jingyu *see* Jingyu Zhou
Zhou Jun, Cui Chunxiang, Jia Zhenhong, Chen Yixin Measurement of the thickness and dielectric constants of metal films by surface plasma wave excited with one wavelength 100274
Zhou Jun, Zheng Kaifu, Jia Zhenhong, Huang Weishi Some technical problems on pattern recognition with OPSA system 117733
Zhou Junming *see* Junming Zhou
Zhou Lanbo *see* Xu Xiaohao 101485
Zhou Lezhu *see* Lezhu Zhou
Zhou Li *see* Chen Yunping 80872
Zhou Li *see* Li Zhou
Zhou Li-Wei *see* Li-Wei Zhou
Zhou Liangzhu *see* Wan Jian-Wei 117520
Zhou Ling-Xiang *see* Ling-Xiang Zhou
Zhou Liwei *see* Jin Weiqi 65710
Zhou Liwei *see* Yang Huaijiang 116715
Zhou Meiwen *see* Yang Junyou 71392
Zhou Nansheng *see* Gong Jun 63801
Zhou Ning *see* Ning Zhou
Zhou Ping *see* Ping Zhou
Zhou Pizhang *see* Zhang Shukui 116695
Zhou Qing-Jie, Yang Yi-Han, Xu, Q., Refsum, A. Generalised following synchronous control 91474
Zhou Qinhui, Lai Min, Hu Nengzheng A piecewise algorithm for DC power flow and its application to multi-area interconnection planning 80870
Zhou Qinyi *see* Feng Zhibiao 111648
Zhou Runde *see* Runde Zhou
Zhou Shi-Ming *see* Shi-Ming Zhou
Zhou Shiping *see* Shiping Zhou
Zhou Shixin *see* Shixin Zhou
Zhou Shu-Ang *see* Shu-Ang Zhou
Zhou Shuangxi, Feng Zhihong, Yang Ning Seeking PV curves in bulk power system 120979
Zhou Shuangxi *see* Yang Ning 90953
Zhou Shuquan, Wang Qin, Shi Chengcai, Xuan Rongwei, Fang Jiaxiong Module of infrared optical fiber and 1-3 μm HgCdTe infrared detector 75556
Zhou Sixin *see* Liu Zhanwen 110531
Zhou Siyong *see* Siyong Zhou
Zhou Tianrong *see* Liu Zejian 61719
Zhou Tianshu *see* Sun Xiaopeng 73709
Zhou Wang-Long *see* Wang-Long Zhou
Zhou Wen *see* Wen Zhou
Zhou Wenzhen, Zhang Xiangyang, Ding Shuling, Xu Yousen, Pu Dexiu, Hu Jinquan, Li Wenquin, Li Zhijie Structure research of L-band travelling-wave buncher 107033
Zhou Wenzhen *see* Yang Tianlu 96482
Zhou Xiaming *see* Xiaming Zhou
Zhou Xiang, Wang Liangsheng, Jiao Zhifeng, Wang Xiu Polycrystalline thin films of potassium niobate prepared by Nd:YAG pulse laser deposition 92800
Zhou Xiao-Ping *see* Xiao-Ping Zhou
Zhou Xiaodong, Du Chungren, Tang Weizhong Modulated polarization-induced fading eliminated interferometric fiber-optic sensor 119709
Zhou Xiaodong *see* Xiaodong Zhou
Zhou Xiaoliang *see* Xiaoliang Zhou
Zhou Xiaoxin *see* Wu Shouyuan 91101
Zhou Xin *see* Xin Zhou
Zhou Xing *see* Xing Zhou
Zhou Xingeng *see* Gao Jianxin 117799
Zhou Xingling *see* Xingling Zhou
Zhou Xingquan, Cai Ning Dynamic estimation of economic benefit from investment on reliability in electronic product 60721
Zhou Xingwei *see* Xingwei Zhou
Zhou Xu *see* Xu Zhou
Zhou Xunwei *see* Xunwei Zhou
Zhou Yefei *see* Shen Haodong 112159
Zhou Yi *see* Dai Hongwei 81040
Zhou Yifeng *see* Yifeng Zhou
Zhou Yinqing *see* Li Chunsheng 97824
Zhou Yinqing *see* Li Jingwen 109708
Zhou Yong *see* Yong Zhou
Zhou Yongdong, Jin Yixin Microstructure and lattice distortion of efficient visible light-emitting porous silicon 75383
Zhou Yuanzhong *see* Yuanzhong Zhou
Zhou Yucai *see* Yucai Zhou
Zhou Yue-Liang *see* Kislinskii, Yu.V. 84909
Zhou Yuehua *see* Wang Guicheng 69862
Zhou Yunbo Installation and testing of the ZF_5-110 GIS for Longhu power substation 71587
Zhou Zecun *see* Xu Wen 81378
Zhou Zeding *see* Yu Haitao 65740
Zhou Zexin *see* Wu Zhongxi 80769
Zhou Zhao Xian *see* Zhao Xian Zhou
Zhou Zhao-Ying *see* Li Yong 74865
Zhou Zhaoying *see* Xu Changsheng 108461
Zhou Zhaoying *see* Zhaoying Zhou
Zhou Zheng *see* Liang Qilian 108739
Zhou Zheng *see* Zhao Cheng-Lin 117916
Zhou Zheng *see* Zheng Zhou
Zhou Zhengli *see* Jiang Jianfei 106685
Zhou Zhi *see* Zhi Zhou
Zhou Zhi-He *see* Li Gui-Ling 79154
Zhou Zhihui *see* Zhihui Zhou
Zhou Zhikui *see* Zhan Yushu 79717
Zhou Zhimin *see* Qiu Lijun 119280
Zhou Zhonghua *see* Zhang Yafei 72872
Zhou Zhongmin *see* Zhongmin Zhou
Zhou Zhongxiang, Sun Wanjun, Sun Xiudong, Xu Kebin, Jiang Quanzhong, Chen Huanchu Study of

the response time of two-beam coupling in photorefractive crystals 76104
Zhou Zigang, Zhang Xihong, Zhang Shujing Performance analysis of an integrated data/voice protocol on bus LANs 118453
Zhou Zijian *see* Zijian Zhou
Zhou Zongming *see* Sun Xiaowei 74755
Zhou Zongyao *see* Zongyao Zhou
Zhou Zuyao *see* Zuyao Zhou
Zhoughe Jin, Yaolin Wang, Yigang Xu, Chun Ding The properties of micromechanical resonator 84666
Zhu, A., Mason, R., Stehwien, W. Maritime radar target detection using neural networks 78996
Zhu, B., Dai, B., Yong, F., Zhu, Y. Speaker classification based on combined neural network and fuzzy analysis 97613
Zhu, B., Mellander, B.-E. Intermediate temperature solid protonic conductors and solid state fuel cells 112314
Zhu, B., Yang, E.-H., Tewfik, A.H., Kieffer, J.C. Efficient coding of wavelet trees and its applications in image coding 86504
Zhu, B. *see* White, I.H. 78705
Zhu, C., Po, L.M. Partial distortion sensitive competitive learning algorithm for optimal codebook design 108151
Zhu, C.C. *see* Liu, G.Y. 74014
Zhu, C.C. *see* Liu, G.Y. 83737
Zhu, C.Z. *see* Dunham, C.B. 72611
Zhu, D. *see* Auckland, D.W. 70951
Zhu, F.S. *see* Wu, J.W. 95104
Zhu, G. *see* Xue, D. 86552
Zhu, G. *see* Xue, D. 90894
Zhu, G. *see* Zhang, Z. 86546
Zhu, J., Bogner, R.E., Bouzerdoum, A., Pope, K.J., Southcott, M.L. A comparison of neural networks and statistical methods for track association in over the horizon radar 68551
Zhu, J., Petty, G. Modeling of lamination effects for thin-film inductive heads 115662
Zhu, J. *see* Sasaki, S. 118800
Zhu, J. *see* Wang, M.C. 65716
Zhu, J.-G. *see* Fang, H. 115677
Zhu, J.-G. *see* Lam, T.T. 75220
Zhu, J.G. *see* Mu, R. 84105
Zhu, J.Q. *see* Biao Li 82654
Zhu, J.Q. *see* Li, B. 94335
Zhu, J.S. *see* Tian, W. 115887
Zhu, J.T. *see* Liu, Y.Z. 75994
Zhu, J.T. *see* Welstand, R.B. 64806
Zhu, J.Z., Irving, M.R. Combined active and reactive dispatch with multiple objectives using an analytic hierarchical process 101808
Zhu, M.H. *see* Liu, G.Y. 74014
Zhu, M.H. *see* Liu, G.Y. 83737
Zhu, M.L. *see* Chan, C.C. 71755
Zhu, N.H., Pun, E.Y.B., Chung, P.S. Shielded coplanar waveguide with trapezoidal cross section electrodes 75545
Zhu, N.H., Pun, E.Y.B., Chung, P.S. Field distributions in supported coplanar lines using conformal mapping techniques 93669
Zhu, P. *see* Yasuda, A. 88781
Zhu, Q., Lule, T., Stiebig, H., Martin, T., Giehl, J., Zhou, J., Fischer, H., Bohm, M. Color array in TFA technology 100104
Zhu, R.H., Chow, T.P. The effect of DMOS cell geometry on the integrated current sensors of high-voltage power MOSFETs 106002
Zhu, R.Y., Ma, D.A., Newman, H.B., Woody, C.L., Kierstead, J.A., Stoll, S.P., Levy, P.W. A study on the properties of lead tungstate crystals 100811
Zhu, R.Y. *see* Woody, C.L. 100895
Zhu, S. *see* Wong, W.S. 99304
Zhu, S. *see* Yin, J. 96096
Zhu, S.-Y. *see* Toor, A.H. 75776
Zhu, S.N. *see* Guo, X.L. 72943
Zhu, S.N. *see* Guo, X.L. 106824
Zhu, S.N. *see* Hu, W.S. 95797
Zhu, S.N. *see* Liu, J.M. 92921
Zhu, S.N. *see* Xiong, S.B. 75524
Zhu, S.P. Some considerations on transmission services concerning optimizing wheeling parties' benefits 70821
Zhu, S.P., Liu, J., Tan, K.C., Tan, C.S. A PC-based tool to calculate voltage drops and select cables for final subcircuits 81078
Zhu, S.P., Shi, J., Lim, Y.S., Tan, C.I., Cheong, Y.K. Transformer testing and analysis with a Window-based graphic user interface 81508
Zhu, S.P. *see* Gooi, H.B. 82113
Zhu, T. *see* Pohm, A.V. 75253
Zhu, T. *see* Pohm, A.V. 115875
Zhu, T.C. *see* Bjarngard, B.E. 80509
Zhu, T.C. *see* Ceberg, C.P. 80508
Zhu, T.C. *see* Chihray Liu 90592
Zhu, T.X. *see* Tso, S.K. 80822
Zhu, W. A method of address conversion for frame memory 100184
Zhu, W., Kochanski, G.P., Jin, S., Seibles, L. Electron field emission from chemical vapor deposited diamond 74032
Zhu, W., Kochanski, G.P., Jin, S., Seibles, L. Electron field emission from chemical vapor deposited diamond 83700
Zhu, W., Liu, Z.Q., Lu, W., Tse, M.S., Tan, H.S., Yao, X. A systematic study on structural and dielectric properties of lead zirconate titanate/(Pb,La)(Zr(1−x)Ti(x))O_3 thin films deposited by metallo-organic decomposition technology 61351
Zhu, W., Mohler, R.R., Spee, R., Mittelstadt, W.A., Maratukulam, D. Hopf bifurcations in a SMIB power system with SSR 101738
Zhu, W., Wang, Y., Zhang, J. A multiresolution total least squares reconstruction algorithm based on wavelet in medical optical tomography 90342
Zhu, W. *see* Liu, Y. 110254
Zhu, W.M. *see* Wu, J.W. 95104
Zhu, W.P. *see* You, J. 66977
Zhu, W.P. *see* You, J. 87096
Zhu, X. *see* Hell, P. 103620
Zhu, X.-Y. *see* Xin, Q.-S. 92769
Zhu, X.Y. *see* Li, J. 109699
Zhu, Y., Lin, J., Sanchez, P. Measurement of light amplification in coherently pumped rubidium atoms 85373
Zhu, Y., Seneviratne, L.D., Earles, S.W.E. New algorithm for calculating an invariant of 3D point sets from a single view 77201
Zhu, Y., Seneviratne, L.D., Earles, S.W.E. A new dominant point extraction strategy under similarity transformation for the recognition and location of partially occluded objects 87055
Zhu, Y. *see* Basu, K. 98920
Zhu, Y. *see* Dou, S.X. 116730
Zhu, Y. *see* Li, H. 72438
Zhu, Y. *see* Mao, D. 112363
Zhu, Y. *see* Takahashi, N. 63317
Zhu, Y. *see* Xue, D. 86552
Zhu, Y. *see* Xue, D. 90894
Zhu, Y. *see* Yuan-Liang Wang 64509
Zhu, Y. *see* Zhang, Z. 86546
Zhu, Y. *see* Zhu, B. 97613
Zhu, Y.M. *see* Kaftandjian, V. 80158
Zhu, Y.Q. *see* Pan, D. 110147
Zhu, Y.S., Leung, S.W. Nonuniform sampling delta modulation for digital audio 99809
Zhu, Y.T. *see* Blumenthal, W.R. 75305
Zhu, Y.Y. *see* Liu, J.M. 92921
Zhu, Y.Y. *see* Luo, G.P. 107490
Zhu, Y.Y. *see* Wang, Z.L. 65539
Zhu, Y.Y. *see* Wang, Z.L. 85663
Zhu, Y.Y. *see* Xiong, S.B. 82723
Zhu, Z., Brownlie, G.D., Horsburgh, G., Thompson, P.J., Wang, S.Y., Prior, K.A., Cavenett, B.C. Compensating processes in nitrogen δ-doped ZnSe layers studied by photoluminescence and photoluminescence excitation spectroscopy 74198
Zhu, Z. *see* Brownlie, G.D. 74214
Zhu, Z. *see* Yao, T. 74194
Zhu, Z.H. *see* Chua, C.L. 65320
Zhu, Z.H. *see* Lin, C.H. 116746
Zhu Ali *see* Ji Xian 77060
Zhu Ali *see* Ali Zhu
Zhu Baofa *see* Baofa Zhu
Zhu Baotian Optimization of harmonic excitation of steam turbine blade 121361
Zhu Ben-Ren *see* Zhang Yu-Hai 103768
Zhu Bin-Ou *see* Bin-Ou Zhu
Zhu Bing Fu *see* Bing Fu Zhu
Zhu Bingchen *see* Bingchen Zhu
Zhu Chang-Chun *see* Chang-Chun Zhu
Zhu Chang-Jun *see* Chang-Jun Zhu
Zhu Dajun *see* Liu Shenggang 107929
Zhu Daoben *see* Daoben Zhu
Zhu Dazhong *see* Dazhong Zhu
Zhu Desen *see* Cai Ming 80931
Zhu Feng *see* Bai Xue-Sheng 86668
Zhu Furong *see* Furong Zhu
Zhu Guangxi *see* Xue Donghui 98324
Zhu Guangyong *see* Guangyong Zhu
Zhu Guo-Hong, Chen Wei-Chang, Yan Jue, Ma Bu-Cheng, Li Wen-Ping The first PET scanner made in China and its clinical application 80215
Zhu Guo-qing *see* Fang Kui 60924
Zhu Haijun *see* Haijun Zhu
Zhu Hanqing *see* Long Yi 97275
Zhu Hong, Zheng Zhihong, Liu Xianghuai, Liu Yanyuan, Wu Jinxian Improvement of electron emission characteristics by ion beam technology 62568
Zhu Hong *see* Zhao Yigong 108400
Zhu Hongbo, Du Libing, Gao Yougang Propagation simulation of GMSK signal in urban microcellular mobile radio channel 116879
Zhu Hongwen *see* Yu Jianping 86078
Zhu Je *see* Je Zhu
Zhu Jiabi *see* Jiabi Zhu
Zhu Jian-Gang *see* Jian-Gang Zhu
Zhu Jian-Hong *see* Jian-Hong Zhu
Zhu Jian-Xin *see* Jian-Xin Zhu
Zhu Jianbin *see* Xu Guanfeng 65522
Zhu Jianhua *see* Jianhua Zhu
Zhu Jianing *see* Wanxie Zhong 72658
Zhu Jianqiang *see* Jianqiang Zhu
Zhu Jiantang *see* Jiantang Zhu
Zhu Jieyan *see* Jieyan Zhu
Zhu Jingsheng *see* Jingsheng Zhu
Zhu Jinkang *see* Zhang Wenfeng 119088
Zhu Jinkang *see* Jinkang Zhu
Zhu Jishan *see* Jishan Zhu
Zhu Jun *see* Jun Zhu
Zhu Jun-Qi *see* Jun-Qi Zhu
Zhu Junbiao, Wang Mingchang, Wang Zhijiang, Zhang Lifeng Measurement of an intense current electron beam produced by pseudospark discharge 62549
Zhu Junbiao *see* Wang Mingchang 96498
Zhu Junbiao *see* Junbiao Zhu
Zhu Lei *see* Wang Ruisheng 65060
Zhu Li *see* Li Zhu
Zhu Li-Yan *see* Li-Yan Zhu
Zhu Lian *see* Zheng Yuxia 96181
Zhu Liewei *see* Jing Xiaofeng 95681
Zhu LiJun *see* LiJun Zhu
Zhu Lixin *see* Wang Ziyu 119209
Zhu Lixin *see* Lixin Zhu
Zhu Lizhong *see* Lizhong Zhu
Zhu Meifang, Luo Guangming Defects and stability of a-Si:H by simulations of photothermal deflection spectroscope 62773
Zhu Nan-Chang *see* Nan-Chang Zhu
Zhu Nanchang *see* Nanchang Zhu
Zhu Ning *see* Ning Zhu
Zhu Ningjia *see* Ningjia Zhu
Zhu Qing *see* Qing Zhu
Zhu Qiren *see* Zhang Ying 107096
Zhu Qiuming *see* Qiuming Zhu
Zhu Rihong *see* Rihong Zhu
Zhu Rijiang *see* Ren Lijuan 121534
Zhu Rude *see* Zhang Xiurong 96219
Zhu Ruikang, Ji Hantao Composition system of Chinese text to phonetics 97636
Zhu Shaowei *see* Shaowei Zhu
Zhu Shengshi *see* Shengshi Zhu
Zhu Shengyun, Luo Qi, Gou Zhenghui, Zheng Shengnan, Fan Zhiguo, Li Anli, Li Guangsheng, Wen Shuxian, Dai Zhengyu, Liu Xiangan, Wu Xiaoguang TMF-IMPAD spectrometer 110632
Zhu Shifu *see* Shifu Zhu
Zhu Shingyang *see* Shingyang Zhu
Zhu Shiyang *see* Shiyang Zhu
Zhu Shunming *see* Shunming Zhu
Zhu Song Chun *see* Song Chun Zhu
Zhu Tao *see* Tao Zhu
Zhu Wei-Ping *see* Wei-Ping Zhu
Zhu Wei-Rong *see* Wei-Rong Zhu
Zhu Weiping *see* Weiping Zhu
Zhu Wendong, Liu Guangyi, Yu Erkeng, Wang Xing The fast calculation method of local power network topology 70741
Zhu Wenhong *see* Wenhong Zhu
Zhu Wenjun *see* Ding Bainan 76061
Zhu Wenyong, Gao Jing, Su Pengyi, Li Xuewen, Yan Yuan The application of improved single element method to simulated infrared thermogram 100147
Zhu Wenyu *see* Wenyu Zhu
Zhu Wenzhang *see* Wenzhang Zhu
Zhu Xiangfeng, Zheng Shaoren The implementation of ISDN access signalling 118732
Zhu Xianyang *see* Xianyang Zhu
Zhu Xiao *see* Xu Qiyang 120830
Zhu Xiaolei *see* Xiaolei Zhu
Zhu Xiaoling *see* Shen Wenbing 79041
Zhu Xiaoming *see* Xiaoming Zhu
Zhu Xiaonong *see* Xiaonong Zhu
Zhu Xiaowei *see* Xiaowei Zhu
Zhu Xichen *see* Zheng Weijian 96001
Zhu Xicheng *see* Cai Yi 95990
Zhu Xiqiao *see* Quan Bailu 81002
Zhu Xuelong *see* Xuelong Zhu
Zhu Yan *see* Yan Zhu
Zhu Yanbin, Ma Junfu Design of laser focusing system of laser–microbeam instrument 69969
Zhu Yang-Ming *see* Yang-Ming Zhu
Zhu Yaoting *see* Xue Donghui 98324
Zhu Yi-Sheng *see* Yi-Sheng Zhu
Zhu Yijia Research on mobile wireless network planning 118950
Zhu Yimei *see* Yimei Zhu
Zhu Yimin *see* Yimin Zhu
Zhu Ying *see* Ying Zhu
Zhu Yixin *see* Yixin Zhu
Zhu Yong *see* Shiuan Huei Lin 96705
Zhu Yong *see* Yong Zhu
Zhu Yongchang *see* Yongchang Zhu
Zhu Yongwei *see* Yihong Gong 67360
Zhu Youlan *see* Youlan Zhu
Zhu Yu *see* Yu Zhu
Zhu Yudong *see* Yudong Zhu
Zhu Yutao, Cheng Cheng, Jin Weifang, Xie Hengkun, Liu Yaonan Relationship between dielectric loss and interphase structure of filled-type polymer composites 64116
Zhu Zhangzhen *see* Zhangzhen Zhu
Zhu Zhaoda *see* Zhang Xinggan 97805
Zhu Zhaoda *see* Zhaoda Zhu
Zhu Zhaodu *see* Zhaodu Zhu
Zhu Zhencai, Qin Weifang, Chen Jie, Wang Ruli, Yan Yixun Hydrogenated amorphous silicon thin film p-i-n photosensor for ferroelectric liquid crystal optically addressed spatial light modulators 75603
Zhu Zhenhai, Hong Wei, Chen Yiyuan Electromagnetic modeling and transient simulation of multiconductor transmission line in high speed VLSI 97212
Zhu Zhenqing, Yuan Yuchun, Sun Shuisheng The unified solution for placement and parameters of PSS and OEC in multimachine power system 80802
Zhu Zhibin *see* Zhibin Zhu
Zhu Zhigang *see* Zhigang Zhu
Zhu Zhiwen *see* Zhiwen Zhu

Zhu Zhuoyun *see* Zhao Cezhou 95758
Zhu Zuoyun *see* Li Yuejin 88964
Zhu-Pei Shi, Klein, B.M. Antiferromagnetic coupling in magnetic multilayers with a narrow gap semiconductor spacer 64362
Zhuamgui Jiang *see* Jiang Zhuamgui
Zhuan-Ke Chen, Mizukoshi, H., Sawa, K. Contact erosion patterns of Pd material in DC breaking arcs 62407
Zhuan-Ke Chen, Sawa, K. The relationship of material transfer and contact resistance to arc duration 94170
Zhuang, B., Jiang, J., Zhang, W., Feng, S., Luo, M., Chen, L. A laser multisensor system for 3D free form surface non-contact measurement 107647
Zhuang, D. *see* Kostreva, M.M. 103688
Zhuang, Q. *see* Kodato, S. 89051
Zhuang, T. *see* Wang, H. 86916
Zhuang, W. Performance analysis of GPS carrier phase observable 68322
Zhuang, W. Medium access control protocol for multimedia wireless networks 99181
Zhuang, X. *see* Bhat, A.K.S. 112107
Zhuang, X.Z. *see* Liu, G.Y. 73978
Zhuang, Y., Menzies, R.W. Effect of DC capacitance of a STATCON on the dynamic performance at a weak HVDC terminal 81020
Zhuang, Z. *see* Collins, O.M. 67517
Zhuang Hanqi *see* Hanqi Zhuang
Zhuang Jiejia *see* Jiejia Zhuang
Zhuang Jun, Tan Weihan Output and stability of a single-mode photorefractive oscillator 65433
Zhuang Lei *see* Lei Zhuang
Zhuang Nan *see* Nan Zhuang
Zhuang Qi *see* Sang Fengting 107095
Zhuang Qi *see* Sun Long 116319
Zhuang Tonggzeng *see* Tonggzeng Zhuang
Zhuang Wanru *see* Jia Yubing 97219
Zhuang Wehjun *see* Wehjun Zhuang
Zhuang Weihua *see* Weihua Zhuang
Zhuang Wenjun *see* Lu Huaxiang 106131
Zhuang Xinhua *see* Xinhua Zhuang
Zhuang Xiu-Ping *see* Xiu-Ping Zhuang
Zhuang Xiuqun *see* Huang Wenzhong 96202
Zhuang Xiuqun *see* Wu Deyong 65012
Zhuang Yiqi, Sun Qing Noise as tool to characterize electron device reliability 60722
Zhuang Yiqi, Sun Qing Reliability evaluation for integrated operational amplifiers by means of 1/f noise measurement 82976
Zhuang Yiqiand, Sun Qing, Hou Xun 1/f noise as a tool to characterize negative bias instability in MOSFET 105964
Zhuang Zhaowen *see* Zhaowen Zhuang
Zhuang Zhuo *see* Ke-Ming Wang 85038
Zhuang Zhuo *see* Zhuo Zhuang
Zhuangzhi Yen *see* Yen Zhuangzhi
Zhuchong Tao *see* Tao Zhuchong
Zhuck, N.P. Effective impedance of an irregular interface of media: case of deterministic perturbations 96888
Zhuck, N.P., Omar, A.S. Calculation of the effective constitutive parameters of a disordered bi-isotropic medium using renormalization method 97014
Zhucong Tao *see* Tao Zhucong
Zhuge, X.B., Ling, B.M., Chen, J.Q. Analysis of temperature drift rejection of coil impedance 110122
Zhui, J.-G. *see* Arnoldusse, T.C. 115658
Zhuikov, V.A., Smorgon, S.L., Zyryanov, V.Ya., Shabanov, V.F. Electrooptical bistability and thermoaddressed information recording in polymer dispersed cholesterics 106929
Zhuikov, V.A. *see* Barannik, A.V. 75417
Zhuiykov, S. Hydrogen sensor based on a new type of proton conductive ceramic 89195
Zhuk, S.Ya. Discrete filtration of stochastic processes having random structure with half-Markov switching 66776
Zhuk, V.V. *see* Baranov, V.A. 90169
Zhuk, Ya.A., Kozlov, V.I., Senchenkov, I.K. A new class of waveguides for ultrasonic welding of plastics 101630
Zhukov, A.E. *see* Brunkov, P.N. 74361
Zhukov, A.E. *see* Churakov, G.V. 63002
Zhukov, A.E. *see* Egorov, A.Yu. 114763
Zhukov, A.E. *see* Kirstaedter, N. 65202
Zhukov, A.E. *see* Kirstaedter, N. 96397
Zhukov, A.E. *see* Kop'ev, P.S. 107351
Zhukov, A.E. *see* Ledentsov, N.N. 63081
Zhukov, A.E. *see* Schmidt, O.G. 85517
Zhukov, A.E. *see* Schmidt, O.G. 107275
Zhukov, A.E. *see* Wang, P.D. 63015
Zhukov, S.N. *see* Bakunov, M.I. 97021
Zhukov, V. *see* Bouhali, O. 120166
Zhukovskiy, V.I., Salukvadze, M.E. Sufficient conditions in vector-valued maximin problems 92506
Zhukovsky, A. *see* Smith, B.A. 102172
Zhulin, V.I. Deliberate misalignment in free electron lasers with a hole coupling 96578
Zhulin, V.I., Zanadvorov, N.P. Theoretical analysis of advanced schemes for free electron laser with a large μ_c 96486
Zhung Boming *see* Wang Jianqi 120997
Zhuo Dunshui *see* Jiang Chun 75874
Zhuo Liu *see* Liu Zhuo
Zhuo Zhiyun *see* Xu Hua 65401
Zhuo Zhuang, Wang Keming, Chow, Y.T., Shi Borong Study on the property and formation of a KTiOPO$_4$ crystal waveguide implanted with He$^+$ ions 75518
Zhuo Zhuang *see* Zhuang Zhuo
Zhuo Zichen *see* Wang Jianqi 120997
Zhuoer Shi *see* Shi Zhuoer
Zhuojun Bao *see* Grabowski, H. 97947
Zhuoxiang Ren Influence of the RHS on the convergence behaviour of the curl-curl equation 65671
Zhuoyu Bao *see* Smith, D.A. 116150
Zhuoyun Zhu *see* Zhu Zhuoyun
Zhuqing Jiang *see* Kang Li 75911
Zhuravlev, A. *see* Jacobsen, E.R. 69762
Zhuravlev, A.A. *see* Denisov, V.I. 109825
Zhuravlev, B.V. *see* Demenkov, V.G. 80127
Zhuravlev, B.V. *see* Demenkov, V.G. 90237
Zhuravlev, G.A. *see* Tchernyi, V.V. 65480
Zhuravlev, K.S., Kalagin, A.K., Moshegov, N.T., Toropov, A.I., Shamirzaev, T.S., Shegai, O.A. Effect of the cracking zone temperature of a solid state arsenic source on the composition of background impurities in GaAs obtained by molecular beam epitaxy 113357
Zhuravlev, N.I. *see* Bystritsky, V.M. 90137
Zhuravlev, Yu.I., Gourevitch, I.B., Ilyinsky, S.V., Polikarpova, N.S., Smetanin, Yu.G., Khilkov, A.V. Algorithmic knowledge base "analysis and recognition of images 8.95" 67327
Zhusubaliyev, Zh.T. *see* Baushev, V.S. 93106
Zhusubaliyev, Z.T. *see* Baushev, V.S. 61593
Zhuxing Zhao *see* Yinghua Min 61830
Zhuxing Zhao *see* Yinghua Min 93026
Zhy Jianxin, Wang, Z.D., Xing, D.Y., Dong, Z.C. Differential conductance of normal metal-insulator-d-wave superconductor junctions with interface roughness 75351
Zi Hua Wang Application of the coupled mode theory to eigenvalue problems of graded-index optical fibers 75433
Zi Hua Wang *see* Hosain, S.I. 64756
Zi-Cai Li Splitting-integrating methods for the image transformations T and T^{-1}T 77464
Zi-Jiang Yang, Hirata, K., Tsuji, T. Adaptive speed control using an RBF network for a servo motor in the presence of angle dependent disturbance 91570
Zi-Long Tang *see* Tang Zi-Long
Zi-Qin Wang, Sznaier, M. Robust control design for load frequency control using μ-synthesis 70753
Zi-Wen Dong *see* Betouras, J.J. 115943
Zi-Xin Liu *see* Zhi-Jie Wang 114704
Zia, L.L., Mulder, M.C. NSF workshop on information technology and undergraduate science, mathematics, engineering, and technology education: challenges and opportunities 112765
Ziade, H. *see* Bezerra, F. 110014
Ziaie, B., Von Arx, J.A., Dokmeci, M.R., Najafi, K. A hermetic glass-silicon micropackage with high-density on-chip feedthroughs for sensors and actuators 110926
Ziaie, B. *see* Akin, T. 80189
Ziaie, F. *see* Moghadam, K.K. 110502
Ziaja, T., Swartzlander, E., Jr. Error modeling in board test 72242
Ziari, M. *see* Verdiell, J.-M. 107302
Ziarko, W. *see* Katzberg, J.D. 103568
Ziavras, S.G. *see* Hross, R. 67145
Zibi, A.Avebe *see* Avebe Zibi, A.
Zibman, I., Woolf, C., O'Reilly, P., Strickland, L., Willis, D., Visser, J. Minimizing feature interactions: An architecture and processing model approach [telecommunications systems] 68132
Zibman, I., Woolf, C., O'Reilly, P., Strickland, L., Willis, D., Visser, J. An architectural approach to minimizing feature interactions in telecommunications 98596
Zibra, F. *see* Riccardi, C. 68990
Zibrov, A.S., Hollberg, L., Lukin, M.D., Nikonov, D.E., Scully, M.O., Robinson, H.G., Velichansky, V.L. Coherence effects, lasing-without-inversion and Raman self-oscillations in Rb* 96116
Zicai Xu *see* Shanhuai Chen 73711
Zich, R. *see* Pirinoli, P. 107942
Zich, R.E., Pirinoli, P. Analysis of printed chiral antennas 65985
Zichen Zhuo *see* Zhuo Zichen
Zichichi, A. *see* Cerron Zeballos, E. 69786
Zichichi, A. *see* Cerron Zeballos, E. 90141
Zichner, N. *see* Teichert, J. 74930
Zick, G.L. *see* Hain-Ching Liu 98101
Zidek, F. *see* Hagara, M. 90496
Zieba, J. *see* Orczyk, M.E. 76288
Zieba, J. *see* Prasad, P. 84933
Ziegenbein, J. *see* Brecht, D. 68725
Ziegenbein, J. *see* Greiner, F. 68733
Ziegenbein, J. *see* Jans, W. 68726
Ziegenbein, J. *see* Norrmann, J. 68734
Zieger, M. *see* Selinger, Th. 68892
Ziegert, T. *see* Diehl, N. 98778
Ziegert, T. *see* Kummel, S. 118910
Ziegert, T. *see* Schill, A. 77914
Ziegler, G., Fox, M., Jerschefske, J. Four practical pointers on using an incremental encoder 79277
Ziegler, H. *see* Grabow, W. 86005
Ziegler, J. *see* Bruder, M. 79419
Ziegler, J.F. Terrestrial cosmic rays 72343
Ziegler, J.F., Curtis, H.W., Muhlfeld, H.P., Montrose, C.J., Chin, B., Nicewicz, M., Russell, C.A., Wang, W.Y., Freeman, L.B., Hosier, P., LaFave, L.E., Walsh, J.L., Orro, J.M., Unger, G.J., Ross, J.M., O'Gorman, T.J., Messina, B., Sullivan, T.D., Sykes, A.J., Yourke, H., Enger, T.A., Tolat, V., Scott, T.S., Taber, A.H., Sussman, R.J., Klein, W.A., Wahaus, C.W. IBM experiments in soft fails in computer electronics (1978-1994) 72394
Ziegler, J.F., Muhlfeld, H.P., Montrose, C.J., Curtis, H.W., O'Gorman, T.J., Ross, J.M. Accelerated testing for cosmic soft-error rate 72344
Ziegler, J.F., Saunders, P.A., Zabel, T.H. Portable Faraday cup for nonvacuum proton beams 79837
Ziegler, J.F. *see* O'Gorman, T.J. 73332
Ziegler, P. *see* Lehmann, A. 108938
Ziegler, R. *see* Albers, D. 69756
Ziegler, R.A. *see* Chang, L.F. 119082
Ziegler, T. MODiS: a fast simulator for digital signal multiprocessors 97742
Ziegler, T. *see* Miloucheva, I. 109200
Zieher, K.W. *see* Zhibin Zhu 62587
Ziel, J.P.van der *see* van der Ziel, J.P.
Zielichowski, M., Fulczyk, M. Influence of neutralizer on ground fault overvoltages in generator stator windings 111881
Zielinski, A. *see* Lixue Wu 108067
Zielinski, E. *see* Kerkel, K. 94557
Zielinski, E. *see* Lach, E. 107231
Zielinski, E. *see* Orth, A. 107260
Zielinski, E. *see* Schilling, M. 96425
Zielinski, E. *see* Weinmann, R. 75597
Zielinski, M., Karasek, K., Dygdala, R.S. Fast, real-time multichannel scaler, construction and applications 119548
Zielinski, R.J. Influence of electromagnetic energy on the human being 120536
Zielinski, S. *see* Czyzewski, A. 99812
Zielinski, T.P. Instantaneous phase shift estimation methods 108270
Zielinski, Z. *see* Badimirowski, K. 112980
Zielke, D. *see* Schreckenbach, W. 110134
Zielke, D. *see* Schreckenbach, W. 119607
Zielonko, R. Some theoretical foundations of analog signal shape design for measurement and testing 99819
Ziemann, O. *see* Iversen, K. 88629
Ziemann, O. *see* Spoleder, F. 98921
Ziemann, P. *see* Koch, T. 82705
Ziemann, V. On the correction of large random skew quadrupolar errors during the ramp in LHC 79899
Ziemann, V. Crude scaling laws for the dynamic aperture of LHC from random non-linear errors 120063
Ziemann, V. Measuring hamiltonian coefficients with a wobbling method 120066
Ziemek, G. *see* Rana, L.L. 121173
Ziemer, R.E. An overview of modulation and coding for wireless communications 109394
Ziemer, R.E., Nadgauda, N. Effect of correlation between subcarriers of an MCM/DSSS communication system 109347
Ziemons, S. *see* Wagner, H.-J. 71188
Zien, J.Y. *see* Chan, P.K. 73262
Zientara, G.P. *see* Panych, L.P. 70012
Zier, S. *see* Bogen, M. 79119
Zierhofer, C.M. A multiplier-free digital sinusoid generator based on sigma-delta modulation 61999
Zierhofer, C.M., Hochmair, E.S. Geometric approach for coupling enhancement of magnetically coupled coils 80491
Zietz, S. *see* Dubin, S. 69933
Zievers, J.F. *see* Lee, S.H.D. 102417
Zifeng Ye *see* Ye Zifeng
Zigang Zhou *see* Zhou Zigang
Zigangirov, K.S. Reduced complexity algebraic type Viterbi decoding of q-ary convolutional codes 66336
Zigangirov, K.S., Johanneson, R. On the theory of list decoding of convolutional codes 117255
Zigangirov, K.S. *see* Bratt, G. 66372
Zigangirov, K.S. *see* Johannesson, R. 66307
Zigangirov, K.S. *see* Johannesson, R. 117223
Ziger, D.H., Adams, T.E., Garofalo, J.G. Linesize effects on UV reflectance spectra 115086
Zigler, A. *see* Baer, A. 75804
Zigler, A. *see* Papadopoulos, K. 106298
Ziglioli, F. *see* Delfiore, G. 102409
Zigliotto, M. *see* Bianchi, N. 91536
Zigliotto, M. *see* Bianchi, N. 121969
Zigliotto, M. *see* Bolognani, S. 71425
Zigliotto, M. *see* Bolognani, S. 112449
Zigliotto, M. *see* Bolognani, S. 112457
Zigliotto, M. *see* Bolognani, S. 121959
Zigone, M. *see* Zeman, J. 94252
Zihai Guo *see* Guo Zihai
Zijian Zhou *see* Tahar, S. 98380
Zijlstra, T. *see* Lukey, P.W. 84499
Zijlstra, T. *see* Van Der Drift, E. 114933
Zijlstra, T. *see* Werner, K. 103923
Zijun Yan *see* Jincan Chen 81916
Zikuan Chen, Guoguang Mu Nonlinear joint transform correlator by interframe processing of multi-intensity imagery 87207
Zikun Wan *see* Jiangling Zhang 115778
Zil'berberg, V.V. *see* Bespalov, V.I. 92656
Zilberberg, V.V. *see* Bespalov, V.I. 116660
Zilberman, A. *see* Benayoun, S. 70024
Zil'berman, P.E. *see* Gulyaev, Yu.V. 101611
Zilberstein, J. *see* Bromberg, A. 110233
Ziles, L.D. *see* Rashkes, V.S. 91693

Zili Li Homeotropic to planar tilt transition induced by photopolymerization of alignment layer 89340
Zili Wang *see* Wang Zili
Zilic, Z., Vranesic, Z.G. Using BDDs to design ULMs for FPGAs 61786
Zilic, Z., Vranesic, Z.G. New interpolation algorithms for multiple-valued Reed-Muller forms 72622
Zilic, Z. *see* Brown, S. 82891
Ziling, C.C. *see* Savatinova, I. 95734
Zilio, S.C. *see* Urso, M.S. 100372
Zilioli, A. *see* Romani, A. 90519
Zilizi, G. *see* Brinkley, B. 69784
Zilliacus, R. *see* Rosenberg, R.J. 71080
Zillmann, U., Herzel, F. An improved SPICE model for high-frequency noise of BJTs and HBTs 105903
Zima, E.V. *see* Abramov, S.A. 61052
Zimakov, V.P. *see* Generalov, N.A. 107118
Zimanyi, G.T. *see* Wagenblast, K.H. 95473
Zimatore, G. *see* De Luca, F. 110830
Zimgibl, M. *see* Iannone, P.P. 109663
Zimin, A.B. *see* Belyi, V.N. 85147
Zimin, E.G. Equivalent circuits for low-frequency magnetic antennas in conducting media 97329
Zimin, S.A. *see* Antipov, Yu.M. 69794
Ziming Qiu *see* Gass, S.I. 113087
Zimmer, C. *see* Chausse, E. 64698
Zimmer, K. *see* Reichel, P. 101884
Zimmer, M. Absorbent line filter with coupled lines as EMC filter 116937
Zimmer, T., Duluc, J.B., Milet, N., Dom, J.P. A new WLR method based on model parameter analysis 63913
Zimmer, T. *see* Duluc, J.B. 115310
Zimmer, T. *see* Hachicha, I. 115166
Zimmer, T. *see* Rinaudo, O. 105915
Zimmer, V. *see* Pfeiffer, W. 81642
Zimmer, W.J., Deely, J.J. A Bayes ranking of survival distributions using accelerated or correlated data 112865
Zimmer, Y., Akselrod, S. An automatic contour extraction algorithm for short-axis cardiac magnetic resonance images 110732
Zimmer, Y., Akselrod, S., Tepper, R. The distribution of the local entropy in ultrasound images 80205
Zimmerman, A.F., Phan, A.H. Capacity fading in the nickel electrode 71666
Zimmerman, A.H. Introduction to the nickel hydroxide electrode 71662
Zimmerman, A.H., Phan, A.H. Role of cobalt super-lattices in nickel hydroxide electrodes 71667
Zimmerman, B.J. *see* Busta, H.H. 83755
Zimmerman, C. *see* Saunders, S. 118687
Zimmerman, J. *see* Giacalone, G. 73368
Zimmerman, J.A. *see* Clementi, J.J. 83658
Zimmerman, J.E. *see* Teale, P. 101299
Zimmerman, K. *see* Garvey, D.W. 106804
Zimmerman, M. *see* Berry, J.L. 69955
Zimmerman, N.M. Capacitors with very low loss: cryogenic vacuum-gap capacitors 104895
Zimmerman, N.M. *see* Keller, M.W. 106103
Zimmerman, S.M., Ringer, S. Issues in clinical monitoring 110645
Zimmerman, S.O., Zimmerman, W.B. Technology assisted educational materials and curriculum development 92076
Zimmerman, T., Sarraj, M. A second generation charge integrator and encoder ASIC 90212
Zimmerman, T., Sarraj, M. A second generation charge integrator and encoder ASIC 100935
Zimmerman, W.B. *see* Zimmerman, S.O. 92076
Zimmermann, B., Wiesbeck, W., Kehrbeck, J. 24 GHz microwave close-range sensors for industrial measurement applications 79314
Zimmermann, C. Reflections on an adaptable real-time metalevel architecture 108840
Zimmermann, C., Vuletic, V., Hemmerich, A., Hansch, T.W. Blue and ultraviolet solid state laser sources 96210
Zimmermann, C. *see* Verbeck, M. 73544
Zimmermann, C. *see* Vogt, F. 106211
Zimmermann, D. *see* Weber, H. 71177
Zimmermann, E., Helm, R., Irwin, J. Optimization of the NLC final focus system 89665
Zimmermann, F., Barklow, T., Ecklund, S., Emma, P., McCormick, D., Phinney, N., Raimondi, P., Ross, M., Slaton, T., Tian, E., Turner, J., Woodley, M., Placidi, M., Toge, N., Walker, N. Performance of the 1994/95 SLC final focus system 89651
Zimmermann, F., Brown, K., Emma, P., Helm, R., Irwin, J., Tenenbaum, P., Wilson, P. A final focus system for the Next Linear Collider 89664
Zimmermann, F., Seeman, J.T., Zolotorev, M., Stoeffl, W. Trapped macroparticles in electron storage rings 79954
Zimmermann, F. *see* Adolphsen, C. 89648
Zimmermann, F. *see* Adolphsen, C. 89854
Zimmermann, F. *see* Bane, K. 89979
Zimmermann, F. *see* Bane, K.L.F. 89868
Zimmermann, F. *see* Emma, P. 89663
Zimmermann, F. *see* Raubenheimer, T. 89853
Zimmermann, G., Hempel, K.A. Remanence properties and critical radius of two single-domain spheres with a point contact 106491
Zimmermann, G., Hempel, K.A. Comparison of the magnetization reversal of Hi-8 ME and MP videotape 106539
Zimmermann, G., Spika, Z., Marschner, T., Stolz, W., Gobel, E.O., Gimmnich, P., Becker, R., Lorberth, J., Greiling, A., Salzmann, A. New developments of less toxic group-V precursors for the metalorganic vapour phase epitaxy of III-V-semiconductors: in-situ-formation of As-H functions by thermal β-elimination of specific As-trialkyl compounds 61223
Zimmermann, G. *see* Gerard, J.M. 63082
Zimmermann, H. *see* Tong, Q.-Y. 114851
Zimmermann, J., Ghibaudo, G. Static and noise characterization of deep submicron CMOS devices 63921
Zimmermann, J., Ghibaudo, G., Guegan, G., Straboni, A. LF noise investigations of 0.3 μm gate n-MOSFETs reliability and micrometre nitrided gate oxide MOSFETs 63699
Zimmermann, J. *see* de Murcia, M. 62709
Zimmermann, K. One approach to decision making with fuzzy goals 60803
Zimmermann, K. A team effort: reducing the volume of low level radioactive waste 121285
Zimmermann, K.-H. Hecke modules as linear block codes and block m-PSK modulation codes 66490
Zimmermann, K.-H. Linear mappings of n-dimensional uniform recurrences onto k-dimensional systolic arrays 108695
Zimmermann, K.P., Simpson, R.K. "Slinky" coils for neuromagnetic stimulation 90303
Zimmermann, M. Test support for public DECT applications 118927
Zimmermann, M., Kramer, S., Hangleiter, A., Steinhagen, F., Hillmer, H., Burkhard, H. Carrier transport in asymmetrically confined 1.55 μm multiple quantum well laser structures 114772
Zimmermann, P., Hamers, J.P. Design and construction of a vapour-free and low-noise hybrid cooling tower with environmentally friendly water treatment by ozone for a gas and steam power station in The Netherlands 111802
Zimmermann, P. *see* Crowe, T.W. 62279
Zimmermann, R. Introduction of audio frequency remote control at EVM 90978
Zimmermann, R., Kramer, S., Steinhagen, F., Hillmer, H., Burkhard, H., Hangleiter, A. Parasitic-free study of carrier transport in asymmetric 1.55 μm MQW laser structures 96426
Zimmermann, R. *see* Crowe, T.W. 62279
Zimmermann, R. *see* Maier, D. 115937
Zimmermann, R. *see* Neumayer, B. 78380
Zimmermann, S., Anderson, J., Andresen, J., Barsotti, E., Chramowicz, J., Duerling, G., Gao, M., Gonzalez, H., Haynes, B., Knopf, W., Treptow, K., Walsh, D., Zmuda, T., Huffman, T., Shepard, P., Gay, C., Harder, S., Hill, H., Huth, J., O'Kane, J., Oliver, J., Robins, H., Spiropulu, M., Strohmer, R., Gold, M., Thomas, T. Test stand for the Silicon Vertex Detector of the Collider Detector Facility 79258
Zimmermann, S., Anderson, J., Andresen, J., Barsotti, E., Chramowicz, J., Duerling, G., Gao, M., Gonzalez, H., Haynes, B., Knopf, W., Treptow, K., Walsh, D., Zmuda, T., Huffman, T., Shepard, P., Gay, C., Harder, S., Hill, H., Huth, J., O'Kane, J., Oliver, J., Robins, H., Spiropulu, M., Strohmer, R., Gold, M., Thomas, T. Test stand for the Silicon Vertex Detector of the Collider Detector Facility 100857
Zimmermann, S. *see* Bellani, V. 62962
Zimmermann, S. *see* Williamson, G.A. 76973
Zimmermann, T. *see* Petri, I. 115831
Zimmermann-Edling, W. *see* Busmann, H.-G. 113483
Zimmert, G. *see* Braun, E. 112492
Zimnas, P. *see* Tillert, T. 75796
Zimnavoda, J. *see* Bromberg, A. 110233
Zimonjic, M. *see* Bekut, D. 112027
Zin, A.A.B. *see* Akhtar, A. 70762
Zin, A.A.Mohd *see* Mohd Zin, A.A.
Zin, W. *see* Schneider, M. 75125
Zin Cho Nam *see* Nam Zin Cho
Zinca, D. *see* Dobrota, V. 98798
Zinchenko, A. *see* Tsyganov, E. 89747
Zinchenko, A.I. *see* Aleev, A.N. 120186
Zinchenko, V.F. *see* Filippov, N.V. 110637
Zinchenko, V.M., Sarach, B.M. Energy-saving electric drives in the pumping station at the Moscow Power Institute 103064
Zinck, J.J., Chow, D.H., Schulman, J. Photoemission oscillations as an in situ monitor of layer thickness with monolayer resolution 82676
Zingales, G. The evaluation of uncertainties in industrial measurements for quality 112979
Zingaretti, P., Tascini, G., Puliti, P., Zanoli, S. Imaging approach to real-time tracking of submarine pipeline 66897
Zingaretti, P. *see* Tascini, G. 117793
Zingg, R. *see* Ryter, R. 84309
Zingg, R.P. *see* Von Arx, C. 63593
Zingman, J. *see* Fettweis, G. 109283
Zinichev, V.A. *see* Rapoport, V.O. 80631
Zinin, A.V. *see* Pirogov, A.N. 106505
Zinis, K.A. *see* Chernokozhin, V.V. 99977
Zink, E. *see* Garn, H. 85888
Zink, E. *see* Khotanzad, A. 77439
Zink, J.C. Steam turbines power an industry–a condensed history of steam turbines 121371
Zink, K.J. *see* Brandstatt, T. 82314
Zink, L.R. *see* Tachikawa, M. 116295
Zink, L.R. *see* Zerbetto, S.C. 75798
Zink, L.R. *see* Zerbetto, S.C. 75799
Zink, M. *see* Seifert, F.M. 120914
Zinke, T. *see* Presting, H. 64975
Zinke, T. *see* Presting, H. 116267
Zinke, T. *see* Schuppert, B. 116096
Zinke-Allmang, M. *see* Nasr, S.A. 114807
Zinky, J.A. *see* Bakken, D.E. 87754
Zinnacker, D. The significance of the PCI bus for measurements technology 119565
Zinner, A. *see* Voigtlander, B. 72823
Zinner, A. *see* Voigtlander, B. 92692
Zinner, G. *see* Riehle, F. 68962
Zinner, G. *see* Riehle, F. 96093
Zinniker, R. Regeneration of alkaline batteries: it is ecologically and economically sensible 102956
Zinober, A.S.I. *see* Sira-Ramirez, H. 121652
Zinov'ev, N.N. *see* Drozdova, S.V. 92742
Zinov'ev, N.N. *see* Ouali, F.F. 84297
Zinov'ev, N.N. *see* Ouali, F.F. 105253
Zinoviev, V. *see* Ericson, T. 66408
Zinoviev, V.A., Ericson, T. On Fourier-invariant partitions of finite abelian groups and the MacWilliams identity for group codes 117256
Zinser, E. *see* Berroth, M. 80846
Zinterhof, P. *see* Palenichka, R.M. 72996
Zinterhof, P. *see* Palenichka, R.M. 98316
Zinth, W. *see* Hauger, C. 120396
Zinzindohoue, P. Use of sign change method for granularity quantification and image segmentation-robustness 98078
Zinzindohoue, P. Use of texture concept and parametric imaging concept for biomedical image segmentation 101138
Zio, E. *see* Marseguerra, M. 72200
Ziock, H. *see* Adams, D. 69840
Ziock, K.-P. *see* Schaich, P.C. 100972
Ziock, K.O.H. *see* Szymanski, J.J. 110589
Ziogas, P.D. *see* Agelidis, V.G. 81566
Ziolkowski, M., Brauer, H. Methods of mesh generation for biomagnetic problems 70049
Ziolkowski, M. *see* Barr, G.D. 90213
Ziolkowski, M. *see* Barr, G.D. 100933
Ziolkowski, M. *see* Brauksiepe, S. 100815
Ziolkowski, R.W. *see* Judkins, J.B. 64637
Ziolkowski, R.W. *see* Wittwer, D.C. 97036
Ziolo, K. Problems of calibration of eddy current conductometer 69430
Ziolo, R. *see* Zhang, X.X. 75162
Ziomek, C., Corredoura, P. Digital I/Q demodulator 100914
Ziomek, C. *see* Corredoura, P. 100604
Ziomek, C. *see* Hardek, T.W. 100488
Ziomek, W., Chalmers, I.D. Relationship between residual gas pressure and microdischarge activity in vacuum 81617
Ziomek, W., Moscicka-Grzesiak, H. Estimation of the structure non-homogeneity of multicomponent insulation of electrical machines using digital measuring methods 69486
Zion, M. *see* O'Neill, P.E. 120840
Ziou Djemel *see* Djemel Ziou
Ziping Jiang, Tsang, H.K., McCall, M.W. Pulsed dynamics of filament-free operation in high power tapered semiconductor laser diodes 65313
Zipparo, M.J., Shung, K.K., Shrout, T.R. Piezoelectric properties of fine grain PZT materials 106319
Zipperian, D.C. *see* Stevens, D.W. *(editor)* 82063
Ziqiang Dong, Kap Luk Chan Determination of local interaction neighbourhood for defect detection in quasiperiodic texture 86671
Zirath, H., Angelov, I. A 10 GHz to 5 GHz regenerative frequency divider 62362
Zirath, H., Angelov, I., Rorsman, N., Karlsson, C., Sironen, M. A millimeterwave AlInAs-GaInAs HFET-based subharmonically pumped mixer 93915
Zirath, H. *see* Angelov, I. 83539
Zirath, H. *see* Bengtsson, L. 114274
Zirath, H. *see* Pettersson, J. 74775
Zirath, H. *see* Rorsman, N. 62243
Zirath, H. *see* Svedin, J. 117063
Zirger, B.J., Hartley, J.L. The effect of acceleration techniques on product development time 60578
Zirkler, A. *see* Zelenka, R.E. 90687
Zirngibl, M., Joyner, C.H., Doerr, C.R., Stulz, L.W., Presby, H.M. An 18-channel multifrequency laser 78935
Zirngibl, M. *see* Brenner, T. 106845
Zirwas, W. *see* Gottwald, E. 119203
Zishao Yang *see* Dausmann, G. 65541
Zishu Ling *see* Ling Zishu
Ziska, G.R. *see* Cuneo, M.E. 69683
Zisman, M. *see* Heifets, S. 89624
Zisman, M.S., Yourd, R.B., Hsieh, H. Design of the PEP-II Low-Energy Ring 79959
Zisserman, A. *see* Armstrong, M. 67221
Zisserman, A. *see* Armstrong, M. 86644
Zisserman, A. *see* Bascle, B. 67312
Zisserman, A. *see* Beardsley, P. 67321
Zisserman, A. *see* Clarke, J.C. 108411
Zisserman, A. *see* Liu, J. 86691
Zisserman, A. *see* Mundy, J. 86795
Zisserman, A. *see* Mundy, J. 117687
Zisserman, A. *see* Mundy, J.L. 77170
Zisserman, A. *see* Reid, I. 67318
Zisserman, A. *see* Ponce, J. *(editor)* 112686

Zissis, G., Charrada, K. Two-temperatures modelling of the high pressure Hg discharge lamp: application to determination of the thermodynamic equilibrium state of the plasma 112597
Zissis, G. *see* Charrada, K. 71894
Zitko, J. Combining the preconditioned conjugate gradient method and a matrix iterative method 103734
Zitnick, C.L. *see* Sing Bing Kang 77165
Zitta, H. Driver circuit for an automotive smart power system chip 91923
Zitterbart, M. *see* Braun, T. 118186
Zittritsch, T. *see* Gould, S. 113853
Ziudao Zhang *see* Zhang Ziudao
Ziupu Zhang, Jorgensen, B.F. Extending transmission distance limitation for a 40 Gb/s signal over standard fiber using optical phase-conjugation 88497
Ziv, J. Inequalities and algorithms for universal data compression 117249
Zivanov, L.D. *see* Jenei, S.M. 73835
Zivanovic, R., Cairns, C. An application of the PMU technology in fault location: preliminary study 102320
Zivanovic, R., Petroianu, A. Tuning of a WLS state estimator 101696
Zivanovic, R., Petroianu, A. An algorithm for bad data processing in a linear programming based state estimation 101706
Zivanovic, R. *see* Delport, F. 102919
Zivcak, J. Design of local muscle disposition sensor for rehabilitation machines 120476
Zivcak, J., Simsik, D., Knezo, D. Experimental testing of local muscle disposition sensor 120477
Zivkovic, M. *see* Pavlovic, V. 110453
Zivojnovic, V., Martinez Velarde, J., Schlager, C., Meyr, M. DSPstone: a DSP-oriented benchmarking methodology 93449
Zivojnovic, V., Meyr, H. Compiled HW/SW co-simulation 82876
Zivojnovik, V. *see* Ritz, S. 93448
Ziwen Yao *see* Neacsu, D.O. 121630
Zixiang Guo *see* Guo Zixiang
Zixiang Xiong *see* Ramchandran, K. 77406
Zixiong Wang, Seng-Tiong Ho Channel cross talk in wavelength multiplexed subcarrier systems due to Kerr shutter fiber nonlinearity 68529
Ziyu Wang *see* Kan Zhang 119207
Ziyu Wang *see* Wang Ziyu
Ziyu Zhao, Hengkun Xie, Zongren Peng A newly developed leakage current monitoring system for the assessment of insulator pollution severity 70954
Ziyuan Li *see* Li Ziyuan
Zizka, G. *see* Beuville, E. 80191
Zizka, G. *see* Beuville, E. 101239
Zizong Xu *see* Xu Zizong
Zlatanova, K., Markovsky, P., Spassova, I., Danev, G. Photoinduced changes in methyl orange polyimide layers 75400
Zlatanova, K. *see* Boev, V. 114660
Zlatkin, A. *see* Palto, S. 84689
Zlatogorov, M.S. *see* Ol'khovskii, G.G. 102466
Zlatos, P. Fuzzifications of concrete categories and homomorphy degrees of mappings between universal algebras 92470
Zlatovsky, J. *see* Kvasnica, P. 102278
Zlatovsky, J. *see* Sandrik, P. 71005
Zlepko, V.F. Improved reliability and durability of metal in heat-generating and mechanical equipment at thermal power stations 121342
Zlobin, V.K. *see* Eremeev, V.V. 108480
Zlomanczuk, J. *see* Calen, H. 120194
Zlotnick, F., Butler, P., Wanhao Li, Dandas Tang A high performance fine-grained approach to SRAM based FPGAs 61749
Zmeko, L. *see* Sharma, R. 99044
Zmija, J. *see* Klosowicz, S.J. 85112
Zmuda, H., Toughlian, E.N., Payson, P., Malowicki, J. True time delay photonic beamformer for an L-band phased array radar 68648
Zmuda, K. *see* Mikrut, M. 82124
Zmuda, M.A., Tamburino, L.A., Rizki, M.M. An evolutionary learning system for synthesizing complex morphological filters 86946
Zmuda, M.A. *see* Rizki, M.M. 67112
Zmuda, T. *see* Zimmermann, S. 79258
Zmuda, T. *see* Zimmermann, S. 100857
Zmuidzinas, J. *see* Gaidis, M.C. 93773
Znati, T. *see* Field, B. 67756
Znati, T. *see* Simon, R. 87857
Znati, T. *see* Simon, R. 98847
Znati, T.F. A priority-based protocol for transmission of real-time traffic 98445
Znaty, S. Service and network management in the OAMS: Open service architecture 108940
Znaty, S., Gaspoz, J.-P., Hubaux, J.-P. Object oriented generic models: a common way for designing network protocols, their management and the services they support 77763
Znaty, S., Genilloud, G., Gaspoz, J.-P., Hubaux, J.-P. Networked systems: introducing network management models into ODP 77872
Znaty, S., Lion, M., Hubaux, J.-P. DEAL: a DElegated Agent Language for developing network management functions 87846
Znaty, S. *see* Gbaguidi, C. 98882
Znidarsic, A., Drofenik, M. Influence of oxygen partial pressure during sintering on the power loss of MnZn ferrites 64329
Znidarsic, F. *see* Schopflin, A. 119208
Zoba, D., Edwards, M.E. Review of underfill encapsulant development and performance of flip chip applications 82238
Zobbi, P. *see* Jones, B.K. 94825
Zoberbier, R. *see* Kuechler, R. 109228
Zobian, A., Ilic, M.D. A steady state voltage monitoring and control algorithm using localized least square minimization of load voltage deviations 70731
Zoboli, M. *see* Selleri, S. 93053
Zobov, M. *see* Boni, R. 89750
Zocchi, G. Semiconductor technology roadmap and industry strategic planning 115312
Zochowski, A. A simple method for improving the accuracy and convergence of FEM computations 92633
Zoellner, C. External recombination system for vented lead/acid batteries used in float service 112264
Zogakis, T.N., Cioffi, J.M. The effect of timing jitter on the performance of a discrete multitone system 86039
Zogg, H., Fach, A., John, J., Masek, J., Muller, P., Paglino, C., Buttler, W. $Pb_{1-x}Sn_xSe$-on-Si LWIR thermal imaging system 69274
Zogg, H., Muller, P., Fach, A., John, J., Paglino, C., Tiwari, A.N. Epitaxy of narrow gap IV-VI materials on Si(111) and Si(100)-substrates: Growth, properties and thermal mismatch strain accommodation 72831
Zogg, H. *see* Masek, J. 110153
Zogg, H. *see* Muller, P. 114846
Zogg, H. *see* Paglino, C. 69234
Zohdy, M.A. *see* Abdel-Aty-Zohdy, H.S. 73616
Zohrul Kabir, A.B.M., Farrash, S.H.A. Simulation of an integrated age replacement and spare provisioning policy using SLAM 72192
Zojceski, Z. *see* Artiges, J.C. 90128
Zojceski, Z. *see* Artiges, J.C. 100960
Zoldi, C.A. *see* Irons, F.H. 110057
Zolesi, B., Cander, L.R., De Franceschi, G. On the potential applicability of the simplified ionospheric regional model to different midlatitude areas 76421
Zolesio, J.L. *see* Guerin, A. 66006
Zolfaghari, A. *see* DeCobert, J. 89777
Zolfaghari, A. *see* Jacobs, K. 79916
Zolfaghari, A. *see* Wang, D. 100563
Zolghadri, A. An algorithm for real-time failure detection in Kalman filters 117394
Zolghadri, M.R., Pelissou, C., Roye, D. Start up of a global direct torque control system 121934
Zolgharnain, S. *see* Chang, T.H.P. 114548
Zoller, A., Gotzelmann, R., Matl, K., Cushing, D. Temperature-stable bandpass filters deposited with plasma ion-assisted deposition 116186
Zoller, P., Cirac, J.I., Gardiner, S.A., Mabuchi, H., Pellizzari, T., Poyatos, J.F. Quantum computing 116158
Zollinger, A. *see* Stegmaier, P. 120530
Zollner, S. *see* Lange, R. 114672
Zollo, A. *see* Courboulex, F. 90750
Zollo, G. *see* Capaldo, G. 103376
Zollo, G. *see* Vitali, G. 94658
Zollondz, J.H. *see* Gao, W. 95093
Zolochevskaja, O.V., Gnatovskij, K.A. Holography scheme of recording with nonstationary coded reference beam 85745
Zolomy, A. *see* Jaro, G. 104354
Zolotarev, M. *see* Heifets, S. 89624
Zolotarev, V.A. *see* Gumnova, I.I. 79389
Zolotarevski, O. *see* Nathan, M. 115132
Zolotorev, M. *see* Henestroza, E. 89954
Zolotorev, M. *see* Kulikov, A. 100743
Zolotorev, M. *see* Tantawi, S.G. 100486
Zolotorev, M. *see* Zimmermann, F. 79954
Zolotov, V.A. *see* Boriskin, A.S. 71216
Zolotoverkh, I.I., Klimenko, D.N., Lariontsev, E.G. Influence of periodic loss modulation on the dynamics of self-modulation oscillations in a solid-state ring laser 85447
Zolotoverkh, I.I., Lariontsev, E.G. Influence of the amplitude nonreciprocity of the cavity on the characteristics of self-modulation oscillations in a solid-state ring laser 85446
Zolotovskii, V.I. *see* Boriskin, A.S. 71216
Zolotoyabko, E., Avrahami, Y., Sauer, W., Metzger, T.H., Peisl, J. Strain profiles in He-implanted waveguide layers of $LiNbO_3$ crystals 75512
Zolper, J.C., Chui, H.C. Si and Si/P implants in $In_{0.5}Ga_{0.5}P$ and $In_{0.5}Al_{0.5}P$ 74533
Zolper, J.C., Crawford, M.H., Pearton, S.J., Abernathy, C.R., Vartuli, C.B., Yuan, C., Stall, R.A. Ion implantation and rapid thermal processing of III-V nitrides 74520
Zolper, J.C., Klem, J.F., Baca, A.G., Sherwin, M.E., Hafich, M.J., Drummond, T.J. n-type ion implantation doping of $Al_xGa_{1-x}As$ $(0 \leqslant x \leqslant 0.7)$ 105549
Zolper, J.C., Rieger, D.J., Baca, A.G., Pearton, S.J., Lee, J.W., Stall, R.A. Sputtered AlN encapsulant for high-temperature annealing of GaN 83990
Zolper, J.C. *see* Bo Lu 96284
Zolper, J.C. *see* Goncher, G.M. 65322
Zolper, J.C. *see* Lee, J.W. 94724
Zolper, J.C. *see* Ortiz, G.G. 75773
Zolper, J.C. *see* Pearton, S.J. 92725
Zolper, J.C. *see* Pearton, S.J. 94876
Zolper, J.C. *see* Pearton, S.J. 114890
Zoltowski, M.D., Allebach, J.P., Bouman, C.A. Digital signal processing with applications: a new and successful approach to undergraduate DSP education 60440
Zoltowski, M.D. *see* Kautz, G.M. 77039
Zomaya, A.Y. *see* Olariu, S. 104281
Zomeren, A.van *see* van Zomeren, A.
Zomorrodian, A.R., Lin, H., Wu, N.J., Huang, T.Q., Liu, D., Ignatiev, A. High temperature polarization retention of a $Pb(Zr_{0.52}Ti_{0.48})O_3/YBa_2Cu_3O_{7-x}$ memory cell 106398
Zomp, J. *see* Goutzoulis, A. 68460
Zon-Yin Shae *see* Yuan-Chi Chang 87873
Zondervan, A. *see* Wijma, S. 100993
Zondy, J.-J., Abed, M., Khodja, S., Bonnin, C., Rainaud, B., Albrecht, H., Lupinsky, D. Walkoff-compensated type-I and type-II SHG using twin-crystal $AgGaS_2$ and $KTiOPO_4$ devices 96684
Zong, X., Laine, A.F., Geiser, E.A., Wilson, D.C. De-noising and contrast enhancement via wavelet shrinkage and nonlinear adaptive gain 97872
Zong Hoon Lee *see* Kyu Bok Lee 83197
Zong Hua *see* Yun Feng 63862
Zong Xiangfu *see* Xiangfu Zong
Zong Xin *see* Xin Zong
Zong Yingqin, Wong, M.W.T., Min Yinghua Necessary and sufficient condition for concurrent double error diagnosis in linear analog circuits using continuous checksum 61573
Zong-Guo Xia, Yongwei Sheng Radar speckle: noise or information? 111101
Zong-Huai Fan *see* Fan Zong-Huai
Zongfu Jiang, Zhiping Jiang, Lijia Yang, Yongmin Hu, Zejin Liu The studies of optical limiting with C_{60} in KBr and C_{60} thin-film on optical glass 95926
Zonghe Lai, Johan Liu Anisotropically conductive adhesive flip-chip bonding on rigid and flexible printed circuit substrates 94044
Zonghe Lai *see* Rosner, B. 114469
Zonghong Wang *see* Qi Chen 70662
Zonghui Zhang *see* Yimin Cheng 86811
Zongjian Cao A triple-head SPECT system with parallel-hole collimators of different collimation angles 80311
Zongjie Li *see* Li Zongjie
Zongju Xia *see* Wei Zhao 95969
Zongkal Yang *see* Yang Zongkal
Zongming Guo *see* Longqing He 96798
Zongming Zhou *see* Zhou Zongming
Zongnan Luo *see* Luo Zongnan
Zongqiang Zhao *see* Zhao Zongqiang
Zongquan Yang *see* Yang Zongquan
Zongren Peng, Hengkun Xie, Shuanke Yang, Guangwu Wang Investigation into the space charge distribution near the interface between metallic electrode and dielectric liquid 64051
Zongren Peng *see* Ziyu Zhao 70954
Zongsheng Lai *see* Xinjun Wang 89015
Zongshu Shao *see* Deyuan Shen 65114
Zongshu Shao *see* Liangmin Zhang 107572
Zongshu Shao *see* Shao Zongshu
Zongtong Li *see* Li Zongtong
Zonguang Yu, Guilan Chang, Hui Zhao, Yifeng Zhou, Xiaobo Hua, Juyan Xu, Lingjie Meng, Tongli Wei Development of a 11/12 bit compatible high-voltage D/A converter with output to 40 V 83178
Zongyao Zhou *see* Zahorian, S.A. 76911
Zongzhu, C. Investigation of variable color luminescence by selective excitation in ionized gases 116220
Zonios, G. *see* Zangaro, R.A. 110761
Zonneveld, F.W. Digital visualization of the medical reality: a glimpse of the future 80289
Zonneveld, H.van *see* van Zonneveld, H.
Zonoozi, M., Dassanayake, P. Impact of mobility in mobile communication systems 118909
Zonoozi, M.M., Dassanayake, P., Faulkner, M. Mobility modelling and channel holding time distribution in cellular mobile communication systems 78446
Zonoozi, M.M., Dassanayake, P., Faulkner, M. Teletraffic modelling of cellular mobile networks 118885
Zontar, D. *see* Chochula, P. 110611
Zoo Yung-Gu *see* Yung-Gu Zoo
Zooghby, A.H.El *see* El Zooghby, A.H.
Zook, J.D., Burns, D.W., Herb, W.R., Guckel, H., Joon-Won Kang, Yongchul Ahn Optically excited self-resonant microbeams 89117
Zook, J.D. *see* Burns, D.W. 84634
Zook, J.D. *see* Guckel, H. 91558
Zook, J.D. *see* Wilson, M.L. 100080
Zopf, R., Cuperman, M., Cuperman, V. Real-time implementation of a variable-rate CELP speech coder 98950
Zoppo, A.Del *see* Del Zoppo, A.
Zoppoli, R. *see* Guglielmi, G. 111710
Zoratti, P., Gilbert, R.K., Majewski, R., Ference, J. Millimeter wave scattering characteristics and radar cross section measurements of common roadway objects 68640
Zorba, O. "Right-first-time" MCM design 114477
Zorba, T. *see* Siapkas, D.I. 114902
Zorba, T.T. *see* Tassis, D.H. 94432
Zorba, T.T. *see* Tassis, D.H. 113336
Zordan, M. *see* Bolognani, S. 121959
Zoref, S. *see* Madjar, A. 73649
Zorian, Y. Built-in quality assurance 72323

Zorian, Y., Bederr, H. Designing self-testable multi-chip modules 73906
Zorian, Y., Marzouki, M. Multi-chip modules testing and DFT 94127
Zorian, Y. *see* Gizopoulos, D. 61767
Zorian, Y. *see* Sasidhar, K. 73905
Zoric, K., Duric, M. Arcing faults detection on overhead lines from the voltage and current signals 81109
Zorin, A.B. Quantum-limited electrometer based on single Cooper pair tunneling 75345
Zorin, A.B., Ahlers, F.-J., Niemeyer, J., Weimann, T., Wolf, H., Krupenin, V.A., Lotkhov, S.V. Background charge noise in metallic single-electron tunneling devices 74776
Zorkaltsev, A.V., Yuzhakov, A.A. Analysis of functioning of an information measurement system fragment 110048
Zorkin, A.A. *see* Makeev, Yu.G. 73635
Zorkin, A.A. *see* Makeev, Yu.G. 83361
Zorko, B. *see* Cvelbar, A. 74623
Zorman, C.A. *see* Fleischman, A.J. 74939
Zorman, C.A. *see* Fleischman, A.J. 104037
Zorman, C.A. *see* Jacob, C. 104050
Zorn, M., Trepk, T., Zettler, J.-T., Meyne, C., Knorr, K., Wethkamp, T., Richter, W., Junno, B., Miller, M., Samuelson, L. On the temperature dependence of the InP(001) bulk and surface dielectric function 105147
Zorn, M. *see* Knorr, K. 103907
Zoroofi, R.A., Sato, Y., Tamura, S., Naito, H. Reduction of MRI artifact due to rotational motion in the imaging plane 70034
Zorro, R. *see* Ringbom, A. 69874
Zorro, R. *see* Ringbom, A. 80134
Zorrozua, M.A. *see* Mazon, A.J. 71011
Zorrozua, M.A. *see* Minambres, J.F. 121143
Zory, P. *see* Mawst, L.J. 65314
Zory, P.S., Young, C.L., Hsu, C.F., O, J.S., Largent, C.C. Diode laser material evaluation using liquid contact luminescence 64916
Zory, P.S. *see* Hsu, C.F. 96251
Zory, P.S. *see* Young, C.L. 65200
Zorzi, M. Power control and diversity in mobile radio cellular systems in the presence of Ricean fading and log-normal shadowing 68114
Zorzi, M., Rao, R.R. Performance of ARQ go-back-N protocol in Markov channels with unreliable feedback: delay analysis 68249
Zorzi, M., Rao, R.R. Throughput analysis of ARQ selective-repeat protocol with time diversity in Markov channels 78572
Zorzi, M., Rao, R.R. On the use of renewal theory in the analysis of ARQ protocols 108863
Zorzi, M., Rao, R.R., Milstein, L.B. On the accuracy of a first-order Markov model for data transmission on fading channels 68208
Zorzi, M. *see* Borgonovo, F. 68077
Zorzi, M. *see* Borgonovo, F. 68267
Zorzi, M. *see* Borgonovo, F. 78513
Zorzi, M. *see* Borgonovo, F. 88271
Zorzi, M. *see* Borgonovo, F. 109465
Zorzi, M. *see* LaMaire, R.O. 99193
Zorzi, N. *see* Bellutti, P. 84610
Zorzi, N. *see* Vecchi, M.C. 69144
Zoth, P. *see* Obermeier, W. 104339
Zoth, P. *see* Sieders, M. 61971
Zotov, A.V., Kulakov, M.A., Bullemer, B., Eisele, I. Scanning tunneling microscopy study of Si growth on a Si(111)$\sqrt{3}\times\sqrt{3}$-B surface 72794
Zotov, A.V. *see* Zhang, Z. 82671
Zotov, I.Y. *see* Artemov, S.V. 90236
Zotov, S.M. *see* Omel'chenko, A.V. 67180
Zotov, Ye.A. *see* Shiyanov, A.I. 103080
Zotova, H.V. *see* Mikhailova, M.P. 116233
Zotova, N.V., Karandashov, S.A., Matveev, B.A., Stus, N.M., Talalakin, G.N., Remennyi, M.A. Tunable mid-IR diode lasers based on InGaAsSb/InAsSbP DH 96268
Zotova, N.V. *see* Aidaraliev, M. 69339
Zotova, N.V. *see* Aidaraliev, M. 116468
Zotova, N.V. *see* Bresler, M.S. 116506
Zotter, B. *see* Brandt, D. 79971
Zotter, B. *see* Braun, H. 89667
Zotter, B. *see* Hofmann, I. 69647
Zou, B. *see* Adams, D. 69840
Zou, D.C. *see* Tao, X.T. 76253
Zou, D.S. *see* Chen, J.X. 84342
Zou, D.S. *see* Shen, G.D. 84339
Zou, J. *see* Kim, Y. 114737
Zou, J. *see* Leon, R. 105384
Zou, J. *see* Tan, H.H. 105245
Zou, J. *see* Tan, S. 95752
Zou, S.X. *see* Wang, X.H. 84040
Zou, W.K. *see* Priestley, R. 116732
Zou, X.Y., Hayee, M.I., Hwang, S.-M., Willner, A.E. Limitations in 10 Gb/s WDM optical-fiber transmission when using a variety of fiber types to manage dispersion and nonlinearities 78899
Zou, X.Y. *see* Hayee, M.I. 78687
Zou, X.Y. *see* Heston, M.L. 88510
Zou, X.Y. *see* Huang, S.H. 75624
Zou, X.Y. *see* Huang, S.H. 99573
Zou, X.Y. *see* Huang, S.H. 119236
Zou, X.Y. *see* Smith, D.A. 78885
Zou, Y., Thornton, R., Tramontana, J., Hibbs-Brenner, M., Morgan, R. High density, high power arrays of vertical cavity surface emitting lasers operating at 850 nm 65330
Zou, Y. *see* Thornton, R. 65241
Zou, Y.F., Zhang, T., Nunes, E., Zhang, H., Prasad, V., Ladeinde, F., Naraghi, M., Anselmo, A., Bliss, D.F., Gupta, K.P. A comprehensive model for high pressure growth of InP crystals 92677
Zou, Y.H. Femtosecond dynamics and optical nonlinearities of fullerenes and their derivatives 85583
Zou, Z.Q., Lei, X.L. High-frequency AC conductivity of hot electrons in bulk semiconductors 105156
Zou Jialin *see* Jialin Zou
Zou Jian *see* Liu Yan 100083
Zou Jun *see* Jun Zou
Zou Quanbo *see* Quanbo Zou
Zou Shenghua *see* Kang Xiaoli 92688
Zou Shichang *see* Shichang Zou
Zou Sixun *see* Sixun Zou
Zou Xiaobo *see* Ji Hua 98492
Zou Xiaoli, Fan Weixun An economic preventive maintenance scheduling model 92134
Zou Yan *see* Wang Lei 81058
Zou Yangzhen *see* Yangzhen Zou
Zou Yong *see* Hu Saigui 109331
Zou Yunlu *see* Yunlu Zou
Zouak, M., Zallat, J., Wang, Y., Saillard, J. Eigenvector methods in processing active radar targets 68614
Zouari, B., Taghelit, M. An interpreted coloured Petri net model for verifying protocol specifications 87434
Zoubir, A.M. *see* Iskander, D.R. 119278
Zoubir, A.M. *see* Ralston, J.C. 117516
Zoubir, N.Hadj *see* Hadj Zoubir, N.
Zouelfoukkar, A.M. *see* Ghoniemy, S. 113925
Zouggar, A. *see* Benamar, R. 94488
Zoughi, R., Ganchev, S.I., Huber, C. Measurement parameter optimization for surface crack detection in metals using an open-ended waveguide probe 113590
Zoughi, R., Lebowitz, C., Lukes, S. Preliminary evaluation of the potential and limitations of microwave NDI methods for inspecting graphite composites 113575
Zoughi, R. *see* Ganchev, S.I. 82794
Zoughi, R. *see* Huber, C. 113567
Zoughi, R. *see* Huber, C. 113573
Zoughi, R. *see* Qaddoumi, N. 82811
Zovko-Cihlar, B., Bauer, S., Modric, D. Video signal coding with motion compensation for multimedia transmission 78213
Zovko-Cihlar, B., Srdic, I. Video on demand as an extension of distributed multimedia infrastructure 78215
Zovko-Cihlar, B., Vistricka, J. Digital television transmission via INTELSAT VI using intermediate data rate service 79127
Zovko-Cihlar, B. *see* Bauer, S. 78214
Zovko-Cihlar, B. *see* Bauer, S. 87916
Zovko-Cihlar, B. *see* Godic, J. 87523
Zoyo, M., Galy, C., Darbandi, A., Lapierre, L., Sautereau, J.-F. Design of a very compact space borne X-band high power high efficiency hybrid amplifier 93908
Zoyo, M., Galy, C., Darbandi, A., Lapierre, L., Sautereau, J.F. Novel approach using tapers for high power FET chips characterization 82948
Zoz, R. *see* Hogl, H. 100981
Zozoulenko, I.V., Berggren, K.-F. Ballistic weak localization in regular and chaotic quantum-electron billiards 114754
Zozulya, A.A. *see* Mamaev, A.V. 116670
Zrazhevsky, A.Yu. *see* Parshukov, V.A. 76426
Zrazhevsky, Yu. *see* Pivnyak, G. 103103
Zrebiec, R.S. *see* Miller, N.W. 121414
Zribi, M., Saoudi, S., Ghorbel, F. Unsupervised and nonparametric Bayesian classifier for HOS speaker independent HMM based isolated word speech recognition systems 117291
Zribil, M., Taconet, O., Le Hegarat-Mascle, S., Vidal-Madjar, D., Emblanch, C., Loumagne, C., Normand, M. Backscattering over bare soils: measurements and simulations using SIRC/XSAR and ERASME 1994 data over Orgeval 120706
Zrilic, D.G., Cathcart, G.L., Peterson, T. Use of DSP technique in beam positioning 79981
Zrnic, D.S. *see* Ryzhkov, A.V. 120750
Zroichikov, N.A. *see* Kudryavtsev, N.Yu. 102422
Zrostlik, R.L., Hall, D.L., Flatau, A.B. On analog and digital feedback for magnetostrictive transducer linearization 95387
Zrubec, V. Theoretical sensitivity limits of the SQUID system for measuring beam intensities of electrically charged particles in superconductive accelerators 69677
Zrumstein, Z. *see* Ajinenko, I. 90197
Zscheile, H. *see* Heinrich, W. 73784
Zschieschang, O. *see* Locher, R.E. 83568
Zschieschang, O. *see* Locher, R.E. 84375
Zschornack, G. *see* Henke, D. 120088
Zse-Ting Huang *see* Jung-Shyr Wu 87300
Zsehong Tsai, Kuo Hsin Yen Modelling frame losses in a two-hop ATM network 78284
Zsehong Tsai *see* Chyi-Nan Wu 88255
Zsoldos, E. *see* Molnar, G. 113334
Zu, L., Yicheng Lu, Frye, R.C., Lau, M.Y., Chen, S.-C.S., Kossives, D.P., Jenshan Lin, Tai, K.L. High Q-factor inductors integrated on MCM Si substrates 94130
Zu Chongquan *see* Chongquan Zu
Zu Donglin, Chen Jiaer The measurement principle of RF superconducting Nb cavity 120073
Zu Guo-Jun *see* Guo-Jun Zu
zu Putlitz, G. *see* Schmidt, P.V. 90179
Zu-Hong Lu *see* Hai-Ming Wu 82756
Zu-Yan Mei *see* Mei Zu-Yan
Zuang-Shin Chang *see* Chang Zuang-Shin
Zub, E.M. *see* Ulyanova, T.M. 115415
Zubair, S.M. *see* Al-Sulaiman, F.A. 112613
Zubair, S.M. *see* Yaqub, M. 71922
Zubair Anwar, M. *see* Asif Khan, M. 116539
Zubairy, M.S. *see* Toor, A.H. 75776
Zubao Qian The effects of tuning and terminating on the operating mode of multi-cell coupled cavity 100489
Zubeck, R. *see* Reed, W. 115676
Zuber, A., Janchen, H., Kaiser, N. Perpendicular-incidence photometric ellipsometry of biaxial anisotropic thin films 119899
Zuberek, W.M., Konczykowska, A. Improving performance of parameter extractors through symbolic simulation 61575
Zubia, J. *see* Arrue, J. 64641
Zubia, J. *see* Arrue, J. 64717
Zubieta, R. Telecommunications in Argentina 67623
Zubil, T. *see* O'Regan, M.B. 64894
Zubka, A. *see* Dwilinski, R. 92943
Zubkans, J. *see* Vaivars, G. 119776
Zubkov, A.M. Design of MM-wave power HEMT by a linear MIC CAD system 62269
Zubkov, E.V., Bunkin, A.P. Recording vertical structure of optical characteristics of the upper ocean by a method of local gradient extrema of lidar return 70501
Zubkov, I.V. *see* Babintsev, V.V. 120185
Zubkov, V.A. *see* Burdukov, A.P. 71127
Zubov, A.S. *see* Solosin, V.S. 109696
Zubov, P.T., Markov, K.G., Traikova, I. Magnetic-pulse stimulator for physiotherapy 70172
Zubov, V.A. Measurement of signals and instrumental functions 67400
Zubov, V.A. *see* Dianov, E.M. 78645
Zubov, V.A. *see* D'yakonov, M.V. 88705
Zubov, V.E. *see* Inbi, D. 110334
Zubovskiy, V. *see* Kushin, V. 79805
Zubrilin, A.V. *see* Shipitsyn, V.V. 71565
Zubrilov, A.S. *see* Antipov, V.G. 104061
Zubrilov, A.S. *see* Bougrov, V.E. 116519
Zubrilov, A.S. *see* Bulman, G.E. 65240
Zubrilov, A.S. *see* Bulman, G.E. 96329
Zubrilov, A.S. *see* Dmitriev, V.A. 115144
Zubrilov, A.S. *see* Melnik, Yu.V. 104065
Zubrilov, A.S. *see* Vassilevski, K.V. 114954
Zubrzycki, J.T. *see* Evans, R.H. 79147
Zubrzycki, W.J., Borges, B.V., Herczfeld, S.H., Kravitz, S.H., Word, J.C., Corless, R.F. Design of an integrated optic Fabry-Perot optical modulator for microwave applications 65001
Zubrzycki, W.J. *see* Borges, B.V. 99594
Zubtsov, V.M. *see* Safronova, O.N. 121408
Zuccaro, A. *see* Scalise, F. 67118
Zuccaro, C. *see* Klein, N. 93699
Zuccato, A. *see* Malesani, L. 102867
Zucchelli, P. *see* Di Capua, E. 110598
Zucchetti, A. *see* Englert, B.-G. 96074
Zucco, P. *see* Scheider, D. 114347
Zuchowicz, M. *see* Dudek, R. 112649
Zuchowski, L.A., Jr. *see* Lacy, N.H. 81243
Zuchowski, P.S. *see* Bednar, T.R. 113817
Zucker, J.E. Quantum well electro-optic effects and novel device applications 85090
Zucker, S.W. *see* Breton, P. 86454
Zucker, S.W. *see* Elder, J.H. 67252
Zucker, S.W. *see* Elder, J.H. 67278
Zucker, S.W. *see* Elder, J.H. 86367
Zuckerberger, A., Alexandrovitz, A. Modelling and simulation of unsymmetrical supplied three-phase induction motor 81463
Zuckerberger, A., Weinstock, D., Alexandrovitz, A. Simulation of three-phase loaded matrix converter 102842
Zuckerman, D. Randomness-optimal sampling, extractors, and constructive leader election 98462
Zucong Tao *see* Tao Zucong
Zuegel, J.D., Seka, W. Upconversion and reduced $^4F_{3/2}$ upper-state lifetimes in intensely pumped Nd:YLF 65144
Zuettel, A. *see* Schlapbach, L. 71650
Zuev, V.V., Bondarenko, S.L., Burlakov, V.D., Marichev, V.N., Pravdin, V.L., Smirnov, S.V. Laser sounding of the upper stratospheric and mesospheric temperature 120775
Zuev, V.V., Burlakov, V.D., Grishaev, M.V., El'nikov, A.V., Marichev, V.N., Pravdin, V.L., Smirnov, S.V. Some results of the ground-based LITE correlative measurements in September 1994 at Siberian Lidar Station 120774
Zuev, Y. *see* Feldman, Y. 119546
Zuffa, M. *see* Baldanza, C. 69857
Zuffa, M. *see* Baldanza, C. 100919
Zugang Liu *see* Liu Zugang
Zugge, H., Schuster, K.H., Klein, J. Scanner for the digitization of photogrammetric aerial images 119736
Zuguang Ma *see* Ma Zuguang
Zuhdan Jauzi, M., Aoki, K. Classifying papers and checking similarity of two papers using color images 86700

Zuhike, W. Analytic spectrum and one-sided transformation 66757
Zuhong Lu *see* Lu Zuhong
Zuhr, R.A. *see* Mu, R. 84105
Zuiker, C. *see* Erdemir, A. 92845
Zuimin Jiang *see* Xuekun Lu 72755
Zuin, F. *see* De Giorgi, M. 120221
Zuk, T.D., Atkins, M.S. A comparison of manual and automatic methods for registering scans of the head 120305
Zukauskas, D. *see* Snitka, V. 95298
Zukerman, M. *see* Addie, R.G. 87438
Zukerman, M. *see* Ivanovich, M. 109489
Zukerman, M. *see* Tse, P.W. 77664
Zukowski, C. *see* Hong Shi 88030
Zukowski, C. *see* Tretz, C. 93296
Zukunft, O. Application partitioning in workflow management systems supporting mobile clients 78567
Zule Xia, Ki Ma, Cooley, R., Wei-Kan Chu HTS-magnet levitation bearing for flywheel energy storage 71730
Zuli Liu *see* Liu Zuli
Zuliani, S. The Cypress Semiconductor CY7Cxxx family of high-speed FIFO memories 73374
Zuliani, S. Digital speech processing 108219
Zulin Wang *see* Wang Zulin
Zumberge, M.A. *see* Canuteson, E.L. 100049
Zumer, M. *see* Meznar, L.Z. 89400
Zumer, M. *see* Nemanic, V. 89401
Zun, I., Kljenak, M., Pecar, M., Polutnik, E. Bubble shape and interfacial area concentration measurements in upward and downward bubbly flow 89569
Zun-du Luo *see* Ting-jie Zhao 65160
Zuncich, J.L. *see* Najim, S.M. 91331
Zundel, A. *see* Schoning, M.J. 89046
Zundel, T. *see* Wietschel, M. 120879
Zunger, A., Su-Huai Wei Electronic structure theory of chalcopyrite alloys, interfaces, and ordered vacancy compounds [solar cell materials] 112349
Zunger, A. *see* Franceschetti, A. 74429
Zunger, A. *see* Froyen, S. 62733
Zunger, A. *see* Su-Huai Wei 62712
Zunger, A. *see* Su-Huai Wei 63019
Zungia, M., Neureuther, A.R. Post exposure bake characterization and parameter extraction for positive deep-UV resists through broad-area exposure experiments 105764
Zunic, J. A representation of digital hyperbolas $y=(1/x)\alpha+\beta$ 92584
Zuniga, M.A. *see* Yong Liu 63498
Zuniga, R.B., Alsaka, Y.A. Microprocessor based speech encoding technique 66607
Zunino, R. *see* Ancona, F. 108159
Zunino, R. *see* Boni, A. 108594
Zunino, R. *see* Carrato, S. 108629
Zunino, R. *see* Colla, A.M. 117866
Zunko, P. *see* Bizjak, G. 90962
Zunqi Lin *see* Lin Zunqi
Zunyun Zhang *see* Zhang Zunyun
Zuo Jianpin *see* Jianpin Zuo
Zuo Wang *see* VanStryland, E.W. 107616
Zuofa Li, Schwarz, K.-P. Multiscale estimation of the ionospheric effect from single frequency GPS receiver data 65832
Zuojun Chen *see* Haskew, T.A. 81419
Zuoqing Wang, Cheeke, J.D.N., Cheng Kuei Jen Perturbation method for analyzing mass sensitivity of planar multilayer acoustic sensors 110082
Zuoqing Wang *see* Viens, M. 110083
Zuoqun Jian *see* Jian Zuoqun
Zuorong Zhang, Udpa, L., Udpa, S.S., Yushi Sun, Jiatun Si An equivalent linear model for magnetostatic nondestructive evaluation 61503
Zuowei Shen *see* Lawton, W. 60985
Zuoyun Zhu *see* Zhu Zuoyun
Zupan, K., Meden, A., Macek, J. Study of magnetic iron-oxides powders prepared by sol-gel route from polymer matrix 75077
Zupancic, S. *see* Susnik, D. 81737
Zupancic, Z. *see* Kren, B. 63581
Zuping Liu, Aihua Zhao Modeling of WLS field with piecewisely constant magnets 100459
Zuping Liu, Aihua Zhao A BESSY-1 6 Tesla WLS effect compensation scheme 100460
Zupunski, I. *see* Milovancev, S. 69014
Zuquete, A., Guedes, P. Transparent authentication and confidentiality for stream sockets 77920
Zur, Y. *see* Rosenfeld, D. 101226
zur Nieden, K. *see* Knuttgen, D. 90530
Zurada, J. *see* Ukita, A. 94104
Zurada, J.M. *see* Creech, G.L. 74757
Zurada, J.M. *see* Kadah, Y.M. 101189
Zurada, J.M. *see* Lata, Z.J. 104291
Zurbes, S. Outage probabilities and handover characteristics of simulcast cellular mobile radio systems 109493
Zurburg, D., Dodds, D.E., Takaya, K. Simultaneous voice and in-band data 77899
Zurcher, J.-F., Brand, Y. An active strip-slot-foam inverted patch antenna 117045
Zurcher, O. *see* Singh, N. 90998
Zurcher, P., Gealy, F.D. Polycrystalline ferroelectric thin film capacitors for non-volatile random access memories: self-consistent, quasi-static calculation, and comparison with experiment 62380
Zurcher, P. *see* Chu, P.Y. 64167
Zurek, W.H. *see* Laflamme, R. 76811
Zurk, L.M., Plant, W.J. Comparison of actual and simulated synthetic aperture radar image spectra of ocean waves 111270
Zurk, L.M., Tsang, L., Jiancheng Shi, Davis, R.E. Electromagnetic scattering based on pair distribution functions retrieved from planar snow sections 111264
Zurk, L.M., Tsang, L., Winebrenner, D.P. Scattering properties of dense media from Monte Carlo simulations with application to active remote sensing of snow 101567
Zurn, S.M. *see* Schiller, P.J. 74050
Zurquiyah, S. *see* Hayman, A.J. 120928
Zussy, M. *see* Aspar, B. 115329
Zutang Wang *see* Yanwei Ma 106670
Zutavern, F.J. *see* Loubriel, G.M. 94873
Zutobradic, S. Some amelioration possibilities of overhead 10 (20) kV network operation 70933
Zutter, D.De *see* De Zutter, D.
Zuurbier, R.A. *see* Freedman, M. 80378
Zuwei Yu, Breipohl, A.M., Lee, F.N., Adapa, R. An analytical method for comparing natural diversity to DSM controlled diversity 101920
Zuxiang Ye *see* Luguang Yan 95554
Zuyan Xu *see* Chuangtian Chen 65518
Zuyao Zhou *see* Zhiping He 114866
Zuyev, S. *see* Baccelli, F. 67606
Zuyev, Yu.A., Ivanov, S.K. Weighted voting in multichannel systems of discrete signal transmission 76678
Zuykova, E.M. *see* Titov, V.I. 120873
Zuyu Li *see* Li Zuyu
Zuzev, A.M. *see* Braslavsky, I.Ya. 71743
Zvanut, M.E., Chen, T.L. Production of E'_δ center induced by dry heat treatment of nonburied SiO_2 films 83995
Zvenigorodskii, V.V. *see* Shuaibov, A.K. 107123
Zverev, M.M., Kutkovoi, A.V., Yakushin, V.K. Influence of dynamic deformation on the parameters of pulsed semiconductor lasers pumped by an electron beam 65335
Zverev, N.D. *see* Viday, Y.T. 100884
Zverkov, M.V. *see* Batovrin, V.K. 107331
Zvi Ladin *see* Ge Wu 110656
Zvonar, Z. Multiuser detection in asynchronous CDMA frequency-selective fading channels 78371
Zvonar, Z., Brady, D. Linear multipath-decorrelating receivers for CDMA frequency-selective fading channels 78411
Zvonar, Z., Stojanovic, M. Performance of antenna diversity multiuser receivers in CDMA channels with imperfect fading estimation 109351
Zvonar, Z. *see* Fonollosa, J.R. 68126
Zvonar, Z. *see* Stojanovic, M. 68536
Zvonar, Z. *see* Stojanovic, M. 68540
Zvonarev, A.V. *see* Elliott, S.R. 80104
Zvonkov, B.N., Lin'kova, E.R., Malkina, I.G., Filatov, D.O., Chernov, A.L. Spectroscopy of layers of InAs in GaAs across the transition from layered to three-dimensional growth 61277
Zvonkov, N.B. *see* Avrutskii, I.A. 107332
Zvyagin, I.P. *see* Kazanskii, A.G. 94400
Zwaan, G. *see* Watson, B.W. 108466
Zwan, E.J.van der *see* van der Zwan, E.J.
Zwart, T., Ivanov, P., Shatunov, Yu., Averill, R., Jacobs, K., Kowalski, S., Turchinetz, W. A spin control system for the South Hall Ring at the Bates Linear Accelerator Center 79825
Zwart, T. *see* Jacobs, K. 79916
Zwart, T. *see* Kovalsky, S. 120000
Zweck, J. *see* Petri, I. 115831
Zweck, J. *see* Rosenauer, A. 61194
Zweidinger, D.T., Fox, R.M., Lee, S.G., Jung, T. Extraction of thermal parameters for bipolar circuit simulation 63905
Zweig, D. Concurrent growth [multilayer PCB X-ray inspection] 92296
Zweig, K. *see* Langenbeck, B. 101415
Zweig, K. *see* Moritz, G. 100645
Zweigart, S., Sun, S.M., Bilger, G., Schock, H.W. $CuInSe_2$ film growth using precursors deposited at low temperature 92937
Zwemstra, T. *see* Atzema, B. 73533
Zwet, E.J.van *see* van Zwet, E.J.
Zwick, T. *see* Cichon, D.J. 109498
Zwick, U. On the number of ANDs versus the number of ORs in monotone Boolean circuits 93310
Zwicker, R.D. *see* Arnfield, M.R. 80528
Zwicky, E. *see* Chapman, B. 87825
Zwiebel, F.M. *see* Englmeier, K.-H. 110734
Zwiehoff, G. *see* Vogt, L. 78367
Zwiggelaar, R., Wilson, M.G.F. Propagation of the degree of polarization in an optical fibre: experimental results 116029
Zwiggelaar, R. *see* Bull, C.R. 77235
Zwilling, A.F. *see* Zari, M.C. 120940
Zwingel, R., Janicke, L., Stiebler, M., Kost, A. A study on the influence of axis parallel cooling ducts on the field in highly saturated induction machines using numerical field calculation 81453
Zwinkels, J.C. Colour-measuring instruments and their calibration 79744
Zwitter, M. *see* Umek, B. 90582
Zwolinski, M., Chalk, C., Wilkins, B.R. Analogue fault modelling and simulation for supply current monitoring 73114
Zwoll, K. *see* Brauksiepe, S. 100815
Zyablov, V., Justesen, J., Thommesen, C., Shavgulidze, S. Bounds on distances for unit memory concatenated codes 117252
Zybert, R. Measurements of intensity of partial discharges in objects of small capacity 89478
Zybura, M.F. *see* Jones, S.H. 83390
Zybura-Skrabalak, M., Ruszaj, A. The influence of process parameters on machined surface layer quality after wire electrodischarge machining (WEDM) 91984
Zych, E. *see* Lempicki, A. 75717
Zycki, A. The model of the video safety system for industrial robots 97949
Zycki, Z. Experimental design of permanent magnet demagnetization curve using approximating equations 75282
Zyda, M.J. Networking large-scale virtual environments 98744
Zydzik, G.J. *see* Canoglu, E. 85671
Zydzik, G.J. *see* Vakhshoori, D. 65340
Zygis, K. *see* Blume, H. 67119
Zykin, F.A., Kazakov, M.K. A method for measuring large direct currents 71000
Zykin, F.A., Kazakov, M.K. Currents and voltages distribution in electrolysis networks of aluminium plants 122101
Zykov, V.A., Gavrikova, T.A., Nemov, S.A. Characteristics of self-compensation in $PbSe:CI:Se_{ex}$ films 62786
Zyl, A.van *see* van Zyl, A.
Zyl, J.E.van *see* van Zyl, J.E.
Zyl, J.J.Van *see* Van Zyl, J.J.
Zyl, J.Van *see* Van Zyl, J.
Zyl, P.Van *see* Van Zyl, P.
Zyl, R.R.Van *see* Van Zyl, R.R.
Zylstra, G.J. *see* Dwyer, J.L. 111135
Zymin, K. *see* Martellotti, G. 80122
Zyngier, H. European synchrotron radiation storage rings 79808
Zyngier, H. *see* Level, M.-P. 76071
Zyngier, H. *see* Nadji, A. 120032
Zyrianov, P.V. *see* Stepanov, E.V. 69341
Zyromski, P. *see* Morin, J. 110605
Zyryanov, V.Ya., Shabanov, V.F., Smorgon, S.L., Pozhidaev, E.P. Polymer-dispersed ferroelectric liquid-crystal light valves 89414
Zyryanov, V.Ya. *see* Barannik, A.V. 75417
Zyryanov, V.Ya. *see* Smorgon, S.L. 106882
Zyryanov, V.Ya. *see* Zhuikov, V.A. 106929
Zysin, L.V. *see* Pantskhava, E.S. 102421
Zyskind, J. *see* Evangelides, S.G., Jr. 109667
Zyskind, J.L., Sun, Y., Srivastava, A.K., Sulhoff, J.W., Lucero, A.J., Wolf, C., Tkach, R.W. Fast power transients in optically amplified multiwavelength optical networks 85403
Zyskind, J.L. *see* Bergano, N.S. 88646
Zyskind, J.L. *see* Chraplyvy, A.R. 99580
Zyskind, J.L. *see* Feuer, M.D. 78792
Zyskind, J.L. *see* Gnauck, A.H. 88643
Zyskind, J.L. *see* Srivastava, A.K. 65112
Zyskind, J.L. *see* Sun, Y. 96141
Zyskind, J.L. *see* Wilson, G.C. 88562
Zyskind, J.L. *see* Wilson, G.C. 99768
Zyss, J., Nicoud, J.F. Status and perspectives for molecular nonlinear optics: from crystals to polymers and fundamentals to applications 116696
Zyss, J. *see* Diaz-Garcia, M.A. 85631
Zyss, J. *see* Diaz-Garcia, M.A. 107548
Zyss, J. *see* Ledoux, I. 64595
Zyss, J. *see* Ledoux, I. 76243
Zyss, J. *see* Ledoux, I. 116645
Zyss, J. *see* VanStryland, E.W. 107616
Zyss, T. *see* Krawczyk, A. 80468
Zysset, B. *see* Kaatz, P.G. 85649
Zysset, B. *see* Pretre, P. 75596
Zyubin, V.E. *see* Bulavskii, D.V. 115284
Zyung Taehyoung *see* Taehyoung Zyung
Zyuzin, A.M. *see* Randoshkin, V.V. 106555
Zyweck, A., Bogner, R.E. Radar target classification of commercial aircraft 68623

BOOK INDEX

This lists the titles of books abstracted in the six months covered by the index. Most books are abstracted as a single monograph but where appropriate individual chapters may also be abstracted. Where this is so the abstract of the book itself is indicated by *(introductory abstract)*.

Annual review of information science and technology. Vol.30; *M.E.Williams (editor/s),* [Medford, NJ, USA: Inf. Today 1995] 67739

Annual review of materials science. Keynote topic: polymers. Vol.26; *M.Tirrell, E.N.Kaufmann, J.A.Giordmaine, J.B.Wachtman,Jr. (editor/s),* [Palo Alto, CA, USA: Annual Reviews 1996] 112678

Beitraege zum Ionenstrahlaetzen von kryoelektronischen Bauelementen auf der Basis von Kupratsupraleitern (Ion beam etching of cryoelectronic devices on the basis of cuprate superconductors); [Aachen, Germany: Verlag Shaker 1995] 95498

Biepitaxie-Josephson-Kontakte aus YBa$_2$Cu$_3$O$_{7-\delta}$ und der elektrische Feldeffekt auf Korngrenzen-Josephson-Kontakte. (Biepitaxial YBa$_2$Cu$_3$O$_{7-\delta}$ Josephson contacts and the electric field effect on grain boundary Josephson contacts); [Aachen, Germany: Shaker 1995] 103339

CIS selected papers. Laser use in oncology (SPIE Vol.2728); *A.V.Ivanov, M.A.Kazaryan (editor/s),* [Bellingham, WA, USA: SPIE 1996] 112663

Coherence-domain methods in biomedical optics. CIS selected papers. (SPIE Vol.2732); *V.V.Tuchin (editor/s),* [Bellingham, WA, USA: SPIE 1996] 112664

Fuel cells and their applications; [Weinheim, Germany: VCH 1996] 92018

Laser diagnostics applied to practical combustion and flow systems; [Gottingen, Germany: Cuvillier Verlag 1995] 100377

Nanomaterials: synthesis, properties and applications; *A.S.Edelstein, R.C.Cammarata (editor/s),* [Bristol, UK: IOP Publishing 1996] 112769

Principles of free-electron lasers; [London, UK: Chapman and Hall 1996] 112677

Telecommunication: new dynamics and driving forces; *A.Bianchi, G.Richeri (editor/s),* [Amsterdam, Netherlands: IOS Press 1996] 72046 (introductory abstract), 77820–6, 79177

CONFERENCE INDEX

This index lists conferences for which published proceedings have been abstracted in the six-month period. Conferences reported in journals are also included in this list. The abstract relating to the conference itself is indicated by *(introductory abstract)*. When papers from a conference appear in more than one publication there will be a corresponding number of entries in the index.

3D image reconstruction in radiology and nuclear medicine; Aix les Bains, France, 4-6 July 1995, [Grenoble, France: Lab. Electron. Technol. Instrum. 1995] 60387 (introductory abstract), 70059–77, 77283, 80223–43, 80300–18

3D process simulation; Erlangen, Germany, 5 Sept. 1995, *J.Lorenz (editor/s)*, [Wien, Austria: Springer-Verlag 1995] 60419 (introductory abstract), 74812–20

AC and DC power transmission; London, UK, 29 April-3 May 1996, [London, UK: IEE 1996] 71995 (introductory abstract), 70649, 70769–79, 70823–5, 70836–44, 70849–52, 80502, 80759, 80832–7, 80960, 80978–80, 80987–8, 80996–1016, 81080–1, 81101, 81116, 81511, 81540, 81649, 81919

Accelerator-driven transmutation technologies and applications; Las Vegas, NV, USA, July 1994, [1995] 112705 (introductory abstract)

Accelerators in applied research and technology; Zurich, Switzerland, 29 Aug.-2 Sept. 1995, [June 1996] 92026 (introductory abstract), 92183, 92297–8, 92721–2, 92971, 94177, 94232, 94681–2, 94948, 96964, 100434, 100746–67, 100790–4, 100822, 100922, 100993, 101008–10, 101201, 101423–4, 103035

ACCV '95: computer vision; Singapore, 5-8 Dec. 1995, *(Int. Assoc. Pattern Recognition; IEICE of Japan; Inf. Processing Soc. Japan; et al)* [Singapore: Nanyang Technol. Univ. 1995] 82261, 82290, 82407, 83604–5, 83614, 86140, 86234, 86635–711, 86793–885, 86982–9, 87001–148, 87250–6, 87882, 89156, 89166–7, 89549, 90276, 90286–7, 90289–90, 90387–94, 90617, 90849

ACNN '96: neural networks; Canberra, ACT, Australia, 10-12 April 1996, [Canberra, ACT, Australia: Australian Nat. Univ. 1996] 114170, 117268–9, 117611–2, 119146, 120416, 120657, 121471, 121925

Acoustic echo and noise control; Roros, Norway, 21-23 June 1995, *(NORSIG; IEEE)* [Trondheim, Norway: Norwegian Inst. Technol. 1995] 71976 (introductory abstract), 66840–9, 67706, 67888, 67972–5, 67993–8, 68159, 68936

Acoustic emission; Sapporo, Japan, 1994, [July-Dec. 1995] 61483–5

Acoustic emission from composite material; Sundsvall, Sweden, 10-14 July 1995, *(Committee on Acoustic Emission from Reinforced Plastics; American Soc. Nondestructive Testing; Sundsvall's Mater. Days)* [Columbus, OH, USA: American Soc. Nondestructive Testing 1995] 112733 (introductory abstract), 113589, 113601–22

Acousto-optics and applications; Gdansk-Jurata, Poland, 22-26 May 1995, *(SPIE; Minst. Educ.; Polish Committee for Sci. Res.; Committee on Acoust. Polish Acad. Sci.; Polish Acoust. Soc)* [1995] 82052 (introductory abstract), 82808–9, 84751–2, 85071, 85152, 85155–64, 86477, 86899, 89028, 89127, 90857

Action of electromagnetic fields on plasticity and strength of materials; Voronezh, Russia, March 1994, [1995] 89055, 89507

Actual problems of preparation and applications of ferroelectrics and related materials; Moscow, Russia, 1992, [1995] 82079 (introductory abstract), 104171–2, 106309–16, 106374–5, 106679, 106736, 106871

Actuator technology; London, UK, 10 May 1996, *(IEE)* [London, UK: IEE 1996] 74864, 80552

Ada-Europe '96: reliable software; Montreaux, Switzerland, 10-14 June 1996, [Berlin, Germany: Springer-Verlag 1996] 108185, 111070–2

Adaptive control nonlinear systems and robotics; Cancun, Mexico, 7-9 Dec. 1994, [July-Oct. 1996] 102679, 102732

Adaptive mesh refinement methods for CFD applications; Atlanta, GA, USA, 11-15 July 1994, [April 1996] 72696, 72723–4

Adaptive systems in control and signal processing; Budapest, Hungary, 14-16 June 1995, *(IFAC) C.Banyasz (editor/s)*, [Oxford, UK: Pergamon 1995] 103238 (introductory abstract), 108253–7, 111762, 111799, 111903, 111936

Advanced deposition processes and characterization of protective coating; Strasbourg, France, 22-26 May 1996, *(Council of Eur.; Comm. Eur. Communities)* [March 1996] 60337 (introductory abstract), 61310, 61339

Advanced imaging technologies and commercial applications; San Diego, CA, USA, 10-12 July 1995, *(SPIE)* [1995] 72002 (introductory abstract), 75579–80, 75606–8, 76121, 76285, 76316, 77194–8, 79012, 79310–1, 79465, 79536–7, 80261, 80553

Advanced infrared technology and applications; Capri, Italy, 19-20 Sept. 1995, [Jan.-April 1996] 60324 (introductory abstract), 60603, 61469–70, 63879, 65179, 65550, 69119–20, 69233–5, 69251–2, 69527, 69544–6, 70527

Advanced materials and technology for the 21st century; HI, USA, 1995, [April 1996] 63115, 64300, 69228, 71586, 73827, 75280

Advanced motion control; Mie, Japan, 18-21 March 1996, *(IEEE/Ind. Electron. Soc.; Soc. Instrum. & Control Eng. Japan; Mie Univ)* [New York, NY, USA: IEEE 1996] 91441 (introductory abstract), 84727–8, 85814, 86996–8, 87849, 88678, 89049–50, 90416, 90559, 90606, 90825, 91142, 91413, 91477, 91517–22, 91548–53, 91580–2, 91649, 91802–18, 91882–5

Advanced technologies intelligent vision; Yverdon, Switzerland, 6 Oct. 1995, [New York, NY, USA: IEEE 1995] 112688 (introductory abstract), 108737, 110173, 110198, 110219–21

Advances in computing techniques; Singapore, 5-7 Dec. 1994, [Singapore: World Scientific 1995] 92482, 92585, 93073, 98258

Advances in crystal growth; Brindisi, Italy, 15-19 March 1995, [1996] 60405 (introductory abstract), 61158–60, 61263–74, 61429–33, 62760, 62790, 62828, 63050–3, 65345

Advances in resist technology and processing; Santa Clara, CA, USA, 11-13 March 1996, *(SPIE)* [1996] 103234 (introductory abstract), 103380–1, 105757–823

Aerospace applications; Aspen, CO, USA, 3-10 Feb. 1996, *(IEEE Aerosp. & Electron. Syst. Soc)* [New York, NY, USA: IEEE 1996] 72063 (introductory abstract), 73819, 73917, 76502, 76574, 76627–8, 76661, 78103, 78638–40, 79008, 80543–5, 80559, 80566–70, 80581, 80717, 80720, 80734, 80746, 81972, 82149, 82928, 83397, 83662, 84639, 85782, 85892–3, 85955, 86003, 86132, 86716–20, 88223–4, 88399, 88409–11, 88524, 88666, 88689–91, 88695–6, 88711, 88786, 88958, 89146, 89153–4, 90670–1, 90674–8, 90682, 90684–6, 90694–6, 90717, 90730, 90733–6, 90742–3, 90794–6, 90872, 90878–80, 90883–4, 90887–92, 90896, 90905–6, 91961

Aged oil-filled switchgear management; London, UK, 18 April 1996, *(IEE)* [London, UK: IEE 1996] 60396 (introductory abstract), 71572–8, 71949

AI in knowledge navigation and retrieval; Cambridge, MA, USA, 10-12 Nov. 1995, [Menlo Park, CA, USA: AAAI Press 1995] 68873

AI methods for biomedical data processing; London, UK, 26 April 1996, *(IEE)* [London, UK: IEE 1996] 60398 (introductory abstract), 70005–6, 70126–31, 70171

AI planning; Assisi, Italy, Sept. 1995, [Amsterdam, Netherlands: IOS Press 1995] 77334

AI'94: Australian joint conference on AI; Armidale, NSW, Australia, 21-25 Nov. 1994, [Singapore: World Scientific 1994] 76845, 77157, 80497

Air traffic control technologies; Orlando, FL, USA, 10-11 April 1996, *(SPIE)* [1996] 112710 (introductory abstract), 120608–13, 120645, 120647–53, 120755

Aluminium alloys. Their physical and mechanical properties; Grenoble, France, 15 July 1996, [1996] 113506

AMAST '96: algebraic methodology and software technology; Munich, Germany, 1-5 July 1996, [Berlin, Germany: Springer-Verlag 1996] 118143, 118438

American Nuclear Society meeting; Reno, NV, USA, 16-20 June 1996, [1996] 72045 (introductory abstract), 79987, 80016, 80135, 80339, 80529, 81221–8, 81262–82

American Vacuum Society Meeting; Minneapolis, MN, USA, 16-20 Oct. 1995, [May-June 1996] 72083 (introductory abstract), 82591–4, 82609–13, 82716–7, 82725–30, 82743–4, 82756, 83794, 83807, 83834, 83891, 83927, 83943, 84014, 84080, 84084–5, 84105, 84118–20, 84129–41, 84186, 84261–3, 84571, 84661, 84678, 84714, 85151, 85236, 88965, 89035, 89181, 89193, 89532, 89559–60, 89610, 91731, 91762, 92189, 92701–2, 92794–7, 92807–11, 94171, 94174, 94218–20, 94325, 94372, 94602, 94648, 94742–5, 94863–5, 95034, 95111, 95460, 95624, 95839, 95964, 100186

Amorphous semiconductors - science and technology; Kobe, Japan, 4-8 Sept. 1995, *(IUPAP; Japan Soc. Appl. Phys.; Kobe City; et al)* [May 1996] 82102 (introductory abstract), 92789–90, 92798, 92835–42, 92874–906, 94178, 94214, 94236–43, 94283–6, 94380–3, 94385–95, 94397–419, 94421–2, 94433, 94447, 94469, 94513–4, 94531–4, 94573, 94588, 94609, 94612, 94638–9, 94673–4, 94684–5, 94789, 94799, 94889–90, 94896–8, 94972–3, 94988, 94995–5000, 95039, 95093, 95630, 95711, 95740, 95863, 95912, 95943, 95959, 95988, 96012, 96036–7, 99950, 100018–25, 100144, 102969–70, 102989–95

AMPST '96: advanced manufacturing; Bradford, UK, 26-27 March 1996, [Bury St Edmunds, UK: Mech. Eng. Publications 1996] 82134, 82146, 82173–4, 82193, 82350, 83569, 87248, 88939, 89175, 91983–4

Ancillary services pricing; London, UK, 28 June 1996, *(IEE)* [London, UK: IEE 1996] 82068 (introductory abstract), 91005–12

ANNIE '94: neural nets in engineering; St. Louis, MO, USA, 13-16 Nov. 1994, [New York, NY, USA: ASME 1994] 72318, 72521, 72965, 73597–9, 73851, 73865, 73897, 74757, 76693, 76843–4, 76910–2, 77119–31, 79239, 80178–80, 80219–22, 80385–9, 80676, 81205, 81490

Antenna and microwave technology; Philadelphia, PA, USA, 6 May 1994, *(Antenna & Propagation Soc.; Microwave Theory & Tech. Soc. Philadelphia Sect.; IEEE)* [Villanova, PA, USA: Villanova Univ. 1994] 72010 (introductory abstract), 72239, 72988, 73622, 73641, 73693–7, 73764–6, 76325, 76383, 76566, 76638–9, 76665, 78336, 78581, 78977–80, 79009, 79025

Antennas; Nice, France, 8-10 Nov. 1994, *(IEEE; URSI)* [La Turbie, France: France Telecom CNET 1994] 61625–6, 65767–70, 65795–809, 65848, 65948–53, 65981–94, 65999–6003, 66017–30, 66033–9, 66057–70, 66077–97, 66117, 66125–46, 66175–80, 66783–4, 67218, 68122–4, 68556, 68568–9, 68643–7, 68752, 68821, 68826–7, 70206–8, 70582, 71905–6

Antennas and propagation; Kochin, India, 17-19 Jan. 1994, *(Univ. Granta Commission; Dept. Electron. (Govern. India); AICTR, CSJR; et al) K.G.Nair, C.S.Sridhar (editor/s)*, [Cochin, India: Cochin Univ. Sci. & Technol. 1994] 112747 (introductory abstract)

Antennas, propagation, and microwave theory and techniques; Stellenbosch, South Africa, 3 Oct. 1994, [Stellenbosch, South Africa: Univ. Stellenbosch 1994] 112728 (introductory abstract), 113784–5, 114162, 114253, 114329, 115951–2, 116806–7, 116814, 116861–2, 116980–1, 117006–11, 117013, 117034–8, 117054–6, 117085–91, 117096–101, 119301–2, 119645, 119838, 119856, 119859, 122082

ANTS: algorithmic number theory; Talence, France, 18-23 May 1996, *(French Delegation Generale a l'Armement; Ministr. Educ. & Res; et al)* [Berlin, Germany: Springer-Verlag 1996] 103537, 103653–9, 103732, 103766–7, 108162–4

Application specific systems, architectures and processors; Chicago, IL, USA, 19-21 Aug. 1996, *(IEEE Comput. Soc. Tech. Committee on VLSI) J.Fortes, C.Mongenet, K.K.Parhi, V.E.Taylor (editor/s)*, [Los Alamos, CA, USA: IEEE Computer Soc. Press 1996] 103313 (introductory abstract), 104502–9, 104601–2, 104709, 106223, 108166, 108207, 108606–8, 109442

Applications of fuzzy logic technology; Orlando, FL, USA, 10-12 April 1996, *(SPIE)* [1996] 104277, 104456, 106130, 108557–8, 109764, 110766, 112553

Applied analysis; Hamburg, Germany, 3-7 July 1995, [1996] 114550, 115123–5, 116826

Applied informatics; Annecy, France, 18-20 May 1994, *(IASTED; ISMM)* [Anaheim, CA, USA: IASTED 1994] 72642, 73015, 73063, 73465, 76881–2, 77057, 77519–23, 77848, 78090–1, 78126, 80124, 80429, 80950, 80976, 81470

Applied power electronics; San Jose, CA, USA, 3-7 March 1996, *(IEEE Power Electron. Soc.; IEEE Ind. Applictions Soc.; Power Sources Manuf. Assoc)* [New York, NY, USA: IEEE 1996] 60349 (introductory abstract), 60350, 60503, 60587, 61599–620, 61687, 62381–2, 62388, 63526, 63685, 65733, 70408–10, 70657–8, 71230, 71266, 71295–8, 71382, 71404–75, 71557, 71745–61, 71817–9, 71858, 71883–9, 71926

Artificial biosensing interfaces; Tampere, Finland, 17-20 June 1995, [1996] 60407 (introductory abstract), 79294, 79568–71

Artificial evolution; Brest, France, 4-6 Sept. 1995, [Berlin, Germany: Springer-Verlag 1996] 60874, 60893–5, 67325, 68145, 70421

Artificial neural networks; Orlando, FL, USA, 9-12 April 1996, *(SPIE)* [1996] 92424, 92580, 93247, 93641–3, 94861, 95897, 97711, 98031–43, 98525, 99215, 100915, 101631, 101675, 102736, 103104

Artificial neural networks in image processing; San Jose, CA, USA, 1-2 Feb. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 66903–17, 69938–9

ASE '95: high performance computing in engineering; Milan, Italy, 19-21 June 1995, [Southampton, UK: Comput. Mech. Publications 1995] 92600, 92615–6, 92643, 97177, 98495, 98886

Asian test symposium; Bangalore, India, 23-24 Nov. 1995, *(IEEE Comput. Soc. Tech. Committee on Test Technol.; VLSI Soc. India)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1995] 60348 (introductory abstract), 60477, 61756–82, 61829–45, 61890, 61905, 62056–8, 63871, 63943, 68987

Astronomical data analysis software and systems; Baltimore, MD, USA, 25-28 Sept. 1994, [1995] 73555, 74859, 77079–94, 77907, 77927, 79093

ATC '96: air traffic control; Maastricht, Netherlands, 27-29 Feb. 1996, *(Thomson-CSF Airsys)* [Coulsdon, UK: Jane's Inf. Group 1996] 60417 (introductory abstract)

ATM networks performance modelling and evaluation; Bradford, UK, 4-7 July 1994, *(IFIP)* [London, UK: Chapman & Hall 1995] 117995–9, 118062, 118176, 118493, 118523–4

ATM traffic; Basel, Switzerland, 1995, [May 1996] 72033 (introductory abstract), 77553, 77629–30, 77707–12, 77783–4, 77840, 78300–1

Atmospheric studies by optical methods; London, UK, 12-16 Sept. 1994, [Dec. 1996] 101562

Atomic-bonding at interfaces: modelling and spectroscopy; Schloss Ringberg, Germany, 24-28 April 1995, [14 July 1996] 94470, 95271

Atomic collisions in solids; Linz, Austria, 17-21 July 1995, *(Oberosterreichische Landesregierung; Bundesminist. Wissenschaft, Forschung & Kunst; et al)* [July 1996] 114553–8, 114799

Atomic physics with stored highly charged ions; Heidelberg, Germany, 20-24 March 1995, [Feb. 1996] 79832–6

Atomic scale characterization and simulation of materials and processes; Strasbourg, France, 22-26 May 1995, *(Council of Eur.; Comm. Eur. Communities)* [Feb. 1996] 72843–7, 72946, 74276, 74314, 74449–50, 74545, 74608–10

Atomic scale mechanisms of epitaxial growth; Honolulu, HI, USA, 10-12 May 1995, [May 1996] 82644 (introductory abstract), 82645–9

AUTOFACT '95; Chicago, IL, USA, 13-16 Nov. 1995, *(Soc. Manuf. Eng.; Plastics Molders & Manuf. Group; et al)* [Dearborn, MI, USA: Soc. Manuf. Eng. 1995] 87751, 92141, 92146, 92151–2

Automatic face and gesture recognition; Killington, VT, USA, 14-16 Oct. 1996, *(Media Lab., Massachusetts Inst. Technol.; IEEE Comput. Soc.; IEEE Comput. Soc. Tech. Committee on Pattern Analysis & Machine Intelligence (PAMI))* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 117297, 117885–911, 118542

Automatic object recognition; Orlando, FL, USA, 19-21 April 1995, *(SPIE)* [1995] 82078 (introductory abstract), 86236–8, 86934–42, 88670–2, 88701, 88714–6, 88729–30, 90845, 90873, 90894, 90907, 96860, 97063, 97373, 97803, 98199–214, 98277–9, 99623–4, 99650, 99678–9, 101633, 101650, 101654, 101656

Automatic RF techniques group; Scottsdale, AZ, USA, 30 Nov.-1 Dec. 1995, [Tempe, AZ, USA: Automatic RF Tech. Group 1995] 112731 (introductory abstract)

Autonomous underwater vehicle technology; Monterey, CA, USA, 2-6 June 1996, *(Oceanic Eng. Soc. IEEE)* [New York, NY, USA: IEEE 1996] 82092 (introductory abstract), 86999, 88069, 88660–1, 88738–43, 88788–90, 88930, 90821–4, 90830–6, 90897–8, 90910–1, 91896–8

Autonomous underwater vehicles and their systems; London, UK, 1 May 1996, *(IEE)* [London, UK: IEE 1996] 67158, 67723, 68739, 68745

Batteries; Solihull, UK, 15 May 1996, [Leatherhead, UK: ERA Technol. 1996] 72066 (introductory abstract), 81061, 81655, 81719–30

Battery conference; Manila, Philippines, 15-17 Nov. 1995, [March-April 1996] 103278 (introductory abstract), 111851, 112250–71, 112570–2

Benjamin Franklin symposium; Philadelphia, PA, USA, 5 May 1995, [Sept. 1995] 72040 (introductory abstract), 82406, 85462, 85830, 85999, 86172, 87514

Biocomputing; HI, USA, 3-6 Jan. 1996, [Singapore: World Scientific 1995] 98184, 98708, 98815

Biomedial sensing, imaging, and tracking technologies; San Jose, CA, USA, 29-31 Jan. 1996, *(SPIE)* [1996] 103262 (introductory abstract)

Biomedical applications of lasers; St. Petersburg, Russia, 27 June-1 July 1995, *(SPIE)* [1996] 112673 (introductory abstract)

Biomedical engineering; Dayton, OH, USA, 29-31 March 1996, *(Univ. Dayton; Wright State Univ.; Armstrong Lab., Wright Patterson Air Force Base; IEEE Eng. Med. & Biol. Soc) P.K.Bajpai (editor/s),* [New York, NY, USA: IEEE 1996] 60363 (introductory abstract), 61115, 69913–4, 69919–21, 69933–4, 70019–22, 70079–85, 70100–2, 70123–5, 70136–9, 70148–55, 70166–7, 70174–81, 70190, 70211, 70215, 70228–31, 70238, 70243–7, 70253–4, 70256–8, 70299, 80160–1, 80412–3, 80480–3, 80489

Biomedical Engineering Society of India conference; New Delhi, India, 15-18 Feb. 1995, [New York, NY, USA: IEEE 1995] 103248 (introductory abstract), 103388, 110642–4, 110646, 110651, 110666, 110738–43, 110775–81, 110802–4, 110836–8, 110845–7, 110861–4, 110871, 110873–4, 110879, 110909–10, 110927, 110936–9, 111720, 120251–8, 120263–4, 120275, 120314–29, 120378–81, 120417–28, 120441–50, 120480–1, 120484, 120503, 120514, 120523–9, 120532–4, 120548

Biomedical fibre optics; San Jose, CA, USA, 31 Jan. 1996, *(SPIE)* [1996] 103257 (introductory abstract)

Biomedical optoelectronics and clinical chemistry and biotechnology; Barcelona, Spain, 14-15 Sept. 1995, *(SPIE; Eur. Laser Assoc.; Comm. Eur. Communities; et al)* [1996] 60380 (introductory abstract)

Biomolecular and biomimetic materials; Boston, MA, USA, 28 Nov.-2 Dec. 1994, [June 1996] 90607

Biorobotics: human-robot symbiosis; Tsukuba, Japan, May 1995, [July 1996] 77385–6, 80423, 80499–501, 80689

Bipolar/BiCMOS circuits and technology; Minneapolis, MN, USA, 2-3 Oct. 1995, *(IEEE Electron Devices Soc.; IEEE Circuits & Syst. Soc. IEEE Twin Cities Sect)* [New York, NY, USA: IEEE 1995] 60343 (introductory abstract), 61638–40, 61665–6, 61887, 61981, 61996, 62005, 62050–2, 62088, 62345–6, 63519, 63537, 63563, 63621–7, 63635–6, 63648, 63716, 63855, 63905–8, 63962–8, 67991–2, 68024, 68437, 68843, 113774, 113819, 113943, 114022–3, 114052, 115156–8, 115321, 119167

BMVC '95: machine vision; Birmingham, UK, 11-14 Sept. 1995, [Aug. 1996] 108407–17

British electromagnetic conference; Malvern, UK, Nov. 1995, [July 1996] 82070 (introductory abstract), 85506, 85897–9, 85972, 85990, 88931, 89462, 89470, 89476

Broadband communications; Montreal, Que., Canada, April 1996, *(IFIP; IEEE) L.Mason, A.Casaca (editor/s),* [London, UK: Chapman & Hall 1996] 103242 (introductory abstract), 104651, 108742–4, 108778–81, 108822–5, 108850–3, 108877–82, 108919–22, 108942–51, 109089–91, 109156–8, 109237, 109265, 109305–7, 109320, 109671–4

Broadcasting - IBC '96; Amsterdam, Netherlands, 12-16 Sept. 1996, *(IEEE; IEE; Int. Assoc. Broadcasting Manuf.; R. Telev. Soc.; Soc. Cable Telecommun. Eng.; Soc. Motion Picture & Telev. Eng)* [London, UK: IEE 1996] 112672 (introductory abstract), 106618, 108905, 109368, 109858–62, 109893–901, 109924, 109954–6, 113981, 117195, 117691–2, 118406, 118602, 118694–5, 119097, 119113–5, 119356–7, 119360–79, 119383, 119388–96, 119401, 119407–18, 119427–30, 119434–40, 119457–68, 119496–8, 119504

CAD/CAM and multimedia; Budapest, Hungary, 28-30 Sept. 1993, *(World Comput. Graphics Assoc)* [Budapest, Hungary: Magyar Tudomanyos Akademia 1993] 73278–9

Calibration of dosimeters and survey instruments for photons; Tokai, Japan, 28 Nov.-2 Dec. 1994, *H.Murakami, F.Takahashi (editor/s),* [Ibarki-ken, Japan: JAERI 1995] 60397 (introductory abstract), 70286–94

CALISCE '96: computer aided learning in science and engineering; San Sebastian, Spain, 29-31 July 1996, *(Udako Ikastaroak/Fundacion Cursos de Verano; Euskal Herriko Unib/Univ. del Pais Vasco; et al)* [Berlin, Germany: Springer-Verlag 1996] 112796–804

CALL and the learning environment; Exeter, UK, Sept. 1995, [1996] 87904

Calorimetry in high energy physics; Upton, NY, USA, 25 Sept.-1 Oct. 1994, *H.A.Gordon, D.Rueger (editor/s),* [Singapore: World Scientific 1995] 112736 (introductory abstract)

CARTS-Europe 95; Amsterdam, Netherlands, 16-19 Oct. 1995, *(Electron. Components Inst. Int.; ISHM-Microelectron. Soc)* [Crowborough, UK: Electron. Components Inst. Int. 1995] 92033 (introductory abstract), 92258–60, 93948–50, 93958–69, 94116, 94125, 95094–5, 99337, 99953, 101658

CAST '94: computer aided systems theory; Ottawa, Ont., Canada, 16-20 May 1994, [Berlin, Germany: Springer-Verlag 1996] 93306, 97816, 98496

CCS '95: combinatorics and computer scicnce; Brest, France, 3-5 July 1995, [Berlin, Germany: Springer-Verlag 1996] 103660–3, 103666–9, 103706–9, 103769, 108187–9, 108750

CCS '96: computer and communication security; New Delhi, India, 14-16 March 1996, *(ACM)* [New York, NY, USA: ACM 1996] 76740–6, 77741, 77838, 78014–7, 78191

Cement industry; Los Angeles, CA, USA, 14-18 April 1996, *(Ind. Applications Soc. Cement Ind. Committee of the IEEE; Portland Cement Assoc.; Manuf. Process Committee)* [New York, NY, USA: IEEE 1996] 72065 (introductory abstract), 72194–5, 72360, 78018, 80894–5, 81197, 81938, 82020, 82034–47

CFSA/IFIS/SOFT '95: fuzzy theory and applications; Taipei, Taiwan, 7-9 Dec. 1995, *(Nat. Sci. Council; Ministr. Educ.; Ind. Dev. Bureau at Ministr. Econ. Affairs; Inst. Inf. Ind.; et al)* [Singapore: World Scientific 1995] 103393, 103627–30, 103673, 103683, 104578–9, 106122, 108266–7, 108454–8, 110648, 110690, 111406

Chaotic circuits for communication; Philadelphia, PA, USA, 23-24 Oct. 1995, *(SPIE)* [1995] 60403 (introductory abstract), 61564, 61588, 64855, 65526, 66540–2, 66604, 66851–2, 67510–2, 67659, 68848, 69928

Characterisation and growth of thin dielectrics in microelectronics; Kinsale, Ireland, 22-23 Nov. 1994, [Oct. 1996] 103280 (introductory abstract), 105656–7, 105983, 106198, 106300–3, 110327

Charge-coupled devices and CCD systems; Novy Svet, Ukraine, 1-7 Oct. 1995, *(SPIE)* [1996] 82077 (introductory abstract), 95033, 95209, 99977–9, 100090–100, 101086, 101580

Chemical beam epitaxy and related growth techniques; La Jolla, CA, USA, 14-16 Aug. 1995, [July 1996] 103858 (introductory abstract), 103859–84, 103921–61, 105138, 105350–1, 105537, 105564–5, 105629–32, 113301

Chemistry in water reactors; Nice, France, 24-27 April 1994, *(Eur. Nucl. Soc)* [Paris, France: Soc. Francaise Energ. Nucl. 1994] 71058–63, 71070–81, 71091, 71103–4, 91303–5, 102384–7, 102406

CHI '94: human factors in computing systems; Boston, MA, USA, 24-28 April 1994, *(ACM)* [New York, NY, USA: ACM 1994] 66573–4, 67882–3, 67909, 68918–9

CIKM '94: information and knowledge management; Gaithersburg, MD, USA, 28 Nov.-2 Dec. 1994, *(ACM; AAAI; CAIT/NIST; NSF; et al)* [New York, NY, USA: ACM 1994] 67574, 67741, 68094

Circuits and systems; Atlanta, GA, USA, 12-15 May 1996, [New York, NY, USA: IEEE 1996] 112671 (introductory abstract), 104261, 104290–1, 104296, 104372–85, 104399–400, 104403, 104410–1, 104630–45, 104657–8, 104686–702, 104713–4, 104729–40, 104743–7, 105850, 106232–4, 106249, 108730, 109569, 109917, 110218, 110617, 112587, 113219, 113232, 113254, 113632, 113665, 113713–4, 113722, 113737–44, 113768–72, 113778–9, 113805–6, 113933–4, 113995, 114007–8, 114011–21, 114033, 114045, 114057, 114064–9, 114103–7, 114124–37, 114139–40, 114147, 114151–2, 114159, 114161, 115140, 115163, 115182, 115271, 115347–8, 115372, 116225, 117120, 117126, 117227–8, 117284–5, 117295–6, 117418–39, 117522–8, 117778–82, 117877–9, 118503–4, 118754–5, 118915, 119074, 119580, 119605–6, 119720, 120473, 120964–9, 121029–30, 121065, 121094, 121115–9, 121348, 121544, 121657–62, 121953

Clean electronics products and technology; Edinburgh, UK, 9-11 Oct. 1995, [London, UK: IEE 1995] 71977 (introductory abstract), 60552–4, 60738–66, 62490, 62494, 62645, 65363, 71874, 72358

CLEO/EUROPE; Hamburg, Germany, 8-13 Sept. 1996, *(Eur. Phys. Soc.; Quantum Electron. & Opt. Div.; IEEE/Lasers & Electro-Opt. Soc.; Opt. Soc. America; Eur. Opt. Soc)* [New York, NY, USA: IEEE 1996] 112738 (introductory abstract)

COCOON '96: computing and combinatorics; Hong Kong, 17-19 June 1996, [Berlin, Germany: Springer-Verlag 1996] 103580, 103651–2, 103765, 104500, 108160–1

Coherent and nonlinear optics and laser optics; St. Petersburg, Russia, 27 June-1 July 1995, [1995] 92027 (introductory abstract), 95678, 96106, 96120, 96440, 96593, 96664–9, 99892, 100208, 100360

Collision avoidance and automated traffic management sensors; Philadelphia, PA, USA, 25-26 Oct. 1995, *(SPIE)* [1995] 60373 (introductory abstract), 67191, 67767, 68639–40, 69080, 69215, 69278, 69495, 70420, 71866

Color imaging: device-independent color, color hard copy and graphic arts; San Jose, CA, USA, 29 Jan.-1 Feb. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 67335–8, 67721, 69397–8. 70031

Communication on the fast track; Saratoga Springs, NY, USA, 18-20 Sept. 1996, *(IEEE Professional Commun. Soc)* [New York, NY, USA: IEEE 1996] 112745 (introductory abstract), 112689–91, 112779–84, 112817–21, 113055, 118408–10

Communication technology; Beijing, China, 5-7 May 1996, *(Chinese Inst. Electron.; Chinese Inst. Commun.; Tsinghua Univ.; IEEE Commun. Soc.; IEE) C.A.O.Zhigang (editor/s),* [New York, NY, USA: IEEE 1996] 112732 (introductory abstract), 113233, 114138, 116031, 116149, 116161, 116917–20, 117039–40, 117144–5, 117150, 117189, 117221–3, 117229–31, 117264, 117274–5, 117279–83, 117440, 117783–90, 117916–8, 117931–4, 117949–55, 117967–79, 117982–4, 118005–22, 118036–40, 118045, 118096–9, 118159–60, 118166–9, 118178, 118187, 118221, 118226, 118246–50, 118262, 118267–72, 118298–9, 118304–5, 118398–9, 118436, 118447–54, 118508–13, 118519, 118521, 118537, 118544–55, 118557, 118600, 118624–30, 118642, 118697, 118705, 118712, 118719–20, 118722, 118724–5, 118729–35, 118738–9, 118766, 118796–803, 118812–7, 118948–57, 119037–51, 119077–91, 119106–12, 119116–23, 119177–8, 119203–13, 119261–2, 119382, 119426, 119441, 119456, 119482, 119487

Communication theory; Singapore, 13-17 Nov. 1995, *(IEEE; IEEE Commun. Soc.; GLOBECOM; Telecommun. Authority of Singapore; Singapore Telecom; NUS; NTU; Singapore Airlines)* [New York, NY, USA: IEEE 1995] 82059 (introductory abstract), 86029–32, 86059–62, 86193, 86219–20, 87263, 87266–7, 87374, 87390, 87414, 87698, 87976, 88091–2, 88151–8, 88208--13, 88816

Communications; Osaka, Japan, 13-16 June 1995, *(IEICE of Japan; Korean Inst. Commun. Sci.; Chinese Inst. Electr. Eng.; IEEE Commun. Soc.; Chinese Inst. Commun.; Inst. Eng)* [Tokyo, Japan: Waseda Univ. 1995] 92031 (introductory abstract), 64464, 66242, 66260–3, 67465, 67561–3, 67597, 67616–7, 67690–2, 67846–7, 67867–9, 67929, 68029, 68176–81, 68346, 68507–14, 68911, 73658, 75423, 76398, 76429, 76532, 76606–7, 76653, 76699, 76707–8, 76737, 76812–3, 76853, 76889, 77058–60, 77280–2, 77291–2, 77594, 77619–24, 77686–7, 77691–2, 77706, 77739–40, 77776–80, 77836–7, 77866–8, 77877–87, 77916, 77991–2, 78007–13, 78104, 78111, 78114–8, 78125, 78141–6, 78185–90, 78230–3, 78237, 78244, 78257, 78285–7, 78291–3, 78309–10, 78315, 78320–4, 78327, 78345, 78350, 78436–42, 78459–64, 78559–62, 78577–80, 78601–2, 78604–13, 78625–8, 78635, 78825, 79124, 79134, 79160, 86057, 87696, 93162, 93195, 93478–9, 93597–8, 93605, 93692, 93939, 95703–4, 96156, 97147–8, 97199–201, 97283–5, 97349–52, 97391–3, 97416, 97423–4, 97480–6, 97629–35, 97645, 97800–2, 97857–65, 98176–81, 98346–9, 98360–1, 98379, 98391, 98405, 98436, 98443–4, 98468, 98521–2, 98545, 98563, 98577, 98608, 98702, 98736, 98780–5, 98793–5, 98805, 98839, 98878, 98900–2, 98925–7, 98961–2, 98996–9002, 99016–7, 99024–5, 99039, 99046, 99106–10, 99115, 99127–31, 99304–12, 99335–6, 99390–9, 99426–7, 99527, 99535–7, 99621, 99724, 99759, 99779, 100172–3, 101588, 102037, 102279

Communications and vehicular technology; Eindhoven, Netherlands, 25-26 Oct. 1995, *P.Smulders, H.van den Meerendonk (editor/s)*, [Eindhoven, Netherlands: Tech. Univ. Eindhoven 1995] 72022 (introductory abstract), 76430–1, 76750, 77333, 77551–2, 77628, 77693–5, 77917, 78028, 78246, 78267, 78356, 78470–82, 78828–31

Community networking '95; Princeton, NJ, USA, 20-22 June 1995, *(IEEE Commun. Soc.; ACM SIGCOMM)* [New York, NY, USA: IEEE 1995] 112729 (introductory abstract), 117966, 118139–41, 118197–8, 118219–20, 118261, 118429–35, 118615–23, 118666–9, 119421–2, 119478–81, 119500–1, 120479

Community networking '96; Antwerpen, Belgium, 23-24 May 1996, *(IEEE Commun. Soc.; Alcatel Telecom)* [New York, NY, USA: IEEE 1996] 112742 (introductory abstract), 117981, 118440–6, 118520, 118631–6, 118670–2, 119232, 119423, 119483–4, 120377

Compact power sources; London, UK, 8 May 1996, *(IEE)* [London, UK: IEE 1996] 71998 (introductory abstract), 79447, 81491, 81653, 81706–7, 81732, 81881–2

Compounds and devices; Edinburgh, UK, 13-18 Aug. 1995, [Feb. 1996] 72007 (introductory abstract), 72771–4, 72786–92, 72856, 74140–2, 74151–241, 74280, 74300, 74323, 74334–6, 74371–81, 74396–410, 74461–5, 74519, 74527, 74579–80, 75581–2, 75685, 75712, 75738, 75762, 75930, 75942–65, 76079–80, 76108–11, 79412, 80142, 81886–9

COMPSYS '94: computer systems; Stellenbosch, South Africa, 3 Oct. 1994, [Stellenbosch, South Africa: Univ. Stellenbosch 1994] 113642, 119285

Computation of electromagnetic fields; Berlin, Germany, 10-13 July 1995, [May 1996] 60381 (introductory abstract), 60683–4, 61050, 61080, 61122–4, 61503, 61506–8, 62150, 62190–2, 62196, 62344, 62368–9, 62395–7, 62443, 62450, 62644, 63010, 63732, 64183, 64185–7, 64235–6, 64276–83, 64390, 64442–5, 64467, 64478–9, 64498–9, 64510–6, 64547, 64551, 64571–4, 64585, 64745–6, 65616–24, 65630–49, 65655–7, 65660–1, 65669–72, 65674–6, 65681–98, 65701–8, 65717–8, 65725–31, 65736–9, 65745–52, 65778–92, 65817–8, 65893–8, 65913–4, 65919, 65955–6, 65960–3, 65998, 66073–5, 69437–8, 69475, 69663–4, 70049–51, 70214, 70272, 70928, 70953, 70969, 70987–8, 71085, 71241–2, 71249–56, 71280, 71283–9, 71318, 71355–6, 71387, 71391–4, 71533, 71580–2, 71610, 71797–8, 71844–5, 71911–6, 71938–9

Computational and applied mathematics; Leuven, Belgium, 26-30 July 1994, *(Belgian Nat. Sci. Found.; IBM Belgium; BBL Antwerpen; et al)* [31 Jan. 1996] 72084 (introductory abstract), 60774–5, 60782, 60936–44, 60994–7, 61024, 61032–3, 61041–6, 61073–6, 61116, 61131

Computational complexity; Philadelphia, PA, USA, 24-27 May 1996, *(IEEE Comput. Soc.; IEEE Comput. Soc. Tech. Committee on Math. Found. Comput.; ACM SIGACY; EATCS) S.Homer, J.-Y.Cai (editor/s)*, [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 72093 (introductory abstract)

Computational geometry; Philadelphia, PA, USA, 24-26 May 1996, *(ACM)* [New York, NY, USA: ACM 1996] 92637, 98182

Computational linguistics; Las Cruces, NM, USA, 26-30 June 1994, [San Francisco, CA, USA: Morgan Kaufmann Publishers 1994] 108192

Computational methods in lie theory; Essen, Germany, 15-19 Aug. 1995, [1996] 60339 (introductory abstract)

Computationally intensive statistical methods; Research Traingle Park, NC, USA, 15-18 June 1994, *(Interface Found. North America)* [Fairfax Station, VA, USA: Interface Found. North America 1995] 103545–57, 103570, 103582–5, 103599–604, 103610, 103625, 103710, 103715, 108443–4

Computer-aided control system design; Dearborn, MI, USA, 15-18 Sept. 1996, *(IEEE Control Syst. Soc)* [New York, NY, USA: IEEE 1996] 113012–3, 113064, 113185, 117294, 117417, 117872, 118144, 118439

Computer-aided design and computer graphics; Wuhan, China, 23-25 Oct. 1995, *(SPIE; Chinese Comput. Fed.; Huazhong Univ. Sci. & Technol.; et al)* [1996] 60619, 60884, 60922–6, 61517, 61539–44, 61718–9, 66376, 67018–9, 69972, 70782

Computer aided process engineering; Rhodes, Greece, 26-29 May 1996, [1996] 60900, 61449, 68960, 70537, 71037, 71145–6, 71692, 79587, 80806, 81293

Computer aided production engineering; Cookeville, TN, USA, 5-7 Aug. 1996, [Aug. 1996] 94020, 94042

Computer animation; Geneva, Switzerland, 3-4 June 1996, *(Swiss Nat. Res. Found.; Comput. Graphics Soc. (CGS); IFIP WG 5.10; Swiss Federal Inst. Technol.; Univ. Geneva (MIRALab, CUI) EPFL (LIG))* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 97646, 98744

Computer architecture; Philadelphia, PA, USA, 22-24 May 1996, *(ACM; IEEE Comput. Soc.; TCCA)* [May 1996] 77939–41

Computer assisted learning; Cambridge, UK, 10-13 April 1995, [April 1996] 78137

Computer-based medical systems; Ann Arbor, MI, USA, 17-18 June 1996, *(IEEE Comput. Soc. Tech. Committee on Comput. Med.; IEEE Eng. Med. & Biology Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 103303 (introductory abstract), 101306–7, 110638–40, 110692–5, 110833, 110891, 110922

Computer graphics and visualisation; Plzen, Czech Republic, 12-16 Feb. 1996, *(IBM; Hewlett Packard; Intergraph; Microsoft; Wolfram Res.; DTP)* [Plzen, Czech Republic: Univ. West Bohemia 1996] 67220

Computer graphics international; Pohang, South Korea, 24-28 June 1996, [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 98255–6, 99660

Computer graphics technology for the exploration of the sea; Rostock, Germany, May 1995, [July-Sept. 1996] 101566

Computer integrated manufacturing; Singapore, 11-14 July 1995, [July-Aug. 1996] 87692–3

Computer performance and dependability; Urbana-Champaign, IL, USA, 4-6 Sept. 1996, *(IEEE Comput. Soc. Tech. Committee on Fault-Tolerant Comput.; IFIP Working Group 7.3 on Performance Evaluation; IFIP Working Group 10.4 on Dependable Comput. & Fault Tolerance; Univ. Urbana-Champaign; Center for Adv. Comput. & Commun. Duke Univ.; Univ. Turin)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 103564–6, 103759, 108771, 108821, 108845–7, 108953, 109067

Computer security; Kenmare, Ireland, 10-12 June 1996, *(IEEE Computer. Soc. Tech. Committee on Security & Privacy)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 86096–101, 87450–1, 108142, 108838

Computer software and applications; Seoul, South Korea, 21-23 Aug. 1996, *(IEEE Comput. Soc.; Kore Inf. Sci. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 108939, 109064–6, 109185, 109217–22, 109247, 109948

Computer vision; Cambridge, UK, 14-18 April 1996, *(Eur. Vision Soc.; British Machine Vision Assoc) B.Buxton, R.Cipolla (editor/s)*, [Berlin, Germany: Springer-Verlag 1996] 60353 (introductory abstract), 60946, 64865, 66598, 66789, 67221–324, 70017–8, 70023–8, 70583

Computer vision and pattern recognition; San Francisco, CA, USA, 18-20 June 1996, *(IEEE Comput. Soc. Tech. Committee on Pattern Analysis & Machine Intelligence)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 82061 (introductory abstract), 86366–467, 86786–92, 88667, 88728, 90328–9

Computers and communications; Scottsdale, AZ, USA, 27-29 March 1996, *(IEEE; IEEE Commun. Soc.; IEEE Comput. Soc)* [New York, NY, USA: IEEE 1996] 103298 (introductory abstract), 104433, 104447, 104541, 106766, 108108, 108148, 108448–9, 108505, 108755–6, 108764–70, 108842–3, 108871, 108873, 108938, 109030–5, 109055–62, 109154, 109163, 109198–200, 109301, 109395–6, 109636, 109920, 109938

Computers and industrial engineering; Shanghai, China, 25-27 Oct. 1995, [Dec. 1996] 103333–6, 103614, 103699, 104510, 104928, 104947, 106152, 108898, 110645, 110850, 111056–7, 112805, 118199

Computers in agriculture; Cancun, Mexico, 11-14 June 1996, [St. Joseph, MI, USA: American Soc. Agric. Eng. 1996] 117613–7, 118349–53, 119533–4, 120313

Computers in libraries; London, UK, 20-22 Feb. 1996, [Oxford, UK: Learned Inf. Europe 1996] 67806–12

Connector and interconnection; Boston, MA, USA, 19-21 Sept. 1994, [Westfield, NJ, USA: Int. Inst. Connector & Interconnection Technol. 1994] 103236 (introductory abstract), 112826, 112956–7, 113018, 114359, 114366, 114383–404, 114446–7, 118678, 119248, 122064–5

Consumer electronics; Rosemont, IL, USA, 5-7 June 1996, [Aug. 1996] 104363, 104568–70, 104582, 104622, 104703, 104724, 108195, 108301, 108421–5, 108472–8, 108570, 108762, 108911–2, 108986, 108996, 109162, 109215, 109269, 109276, 109279, 109295, 109575, 109633–4, 109864–74, 109877, 109879, 109883, 109904–6, 109909–13, 109916, 109918, 109927–36, 109942–7, 109957, 109963–4, 110281–2

COORDINATION '96: coordination languages and models; Cesena, Italy, 15-17 April 1996, [Berlin, Germany: Springer-Verlag 1996] 98665

Corrosion and reliability of electronic materials and devices; Miami Beach, FL, USA, 9-14 Oct. 1994, [Pennington, NJ, USA: Electrochem. Soc. 1994] 60567, 60621–3, 60709–10, 61446, 61489–94, 62435, 62441, 62458, 63327–9, 63444–6, 63933, 64037, 64432, 68002, 69007

Cosmic microwave background: CMB; Anacapri, Italy, 20-24 Sept. 1993, [1995] 99697–703, 99705–6

CPM '96: combinatorial pattern matching; Laguna Beach, CA, USA, 10-12 June 1996, [Berlin, Germany: Springer-Verlag 1996] 97525–6, 98248–54

Cryptology - CRYPTO '96; Santa Barbara, CA, USA, 18-22 Aug. 1996, *(Int. Assoc. Cryptologic Res.; IEEE; Univ. California) N.Koblitz (editor/s)*, [Berlin, Germany: Springer-Verlag 1996] 92042 (introductory abstract), 97491–513, 97527–32, 98487

Cryptology - EUROCRYPT '96; Saragossa, Spain, 12-16 May 1996, *(Int. Assoc. Cryptologic Res) U.Maurer (editor/s)*, [Berlin, Germany: Springer-Verlag 1996] 72067 (introductory abstract), 76816–38, 86067–74

Crystal growth and VPE; Vail, CO, USA, 4-9 Aug. 1996, *(NASA/Microgravity Sci. & Appl. Div. Code UG; Brimrose Corp. America; Engelhard-CLAL; et al)* [Thousand Oaks, CA, USA: American Assoc. Crystal Growth 1996] 112743 (introductory abstract)

CSCW '94: computer supported cooperative work; Chapel Hill, NC, USA, 22-23 Oct. 1994, *(ACM; Lotus Dev. Corp.; Intel Corp.; Sun Microsyst)* [New York, NY, USA: ACM 1994] 67695, 67740, 67873–9

Current developments in optical design and engineering; San Diego, CA, USA, 12-13 July 1995, *(SPIE)* [1995] 64653, 64733, 64818, 64860–2, 65551, 66974, 68368, 68704, 69137, 69253–5, 69969, 70326

Custom integrated circuits; Santa Clara, CA, USA, 1-4 May 1995, *(IEEE Electron Devices Soc.; IEEE Solid State Circuits Council)* [March 1996] 112667 (introductory abstract), 61555, 61676, 61733–5, 61880–1, 61972–4, 61986, 61993, 62012, 62035, 62049, 63851, 63883, 68139, 69086, 104254, 104260, 104342–4, 104370, 104514–26, 104560–1, 104611, 104628, 104684–5, 104711–2, 104721, 106173–5, 106226–7, 106248, 109326, 109505, 109892, 110214, 113660–4, 113703, 113712, 113801, 113820–2, 113851–67, 113947–51, 113977–80, 114025–32, 114074, 114141–4, 114325–7, 115288, 115318–9, 115342–6, 116946, 118691–3, 118767–8, 119433, 119582, 119624–6, 119725, 120266, 120519

Cybernetics and systems '96; Vienna, Austria, 9-12 April 1996, *(Federal Ministr. Sci., Res. & the Arts; Vienna Tourist Board)* [Vienna, Austria: Austrian Soc. Cybernetic Studies 1996] 92125, 92144, 93653, 98350, 98786–7, 103571, 103605–6, 103626, 108258–9, 108446–7, 108462, 110832, 111482, 111543, 112631

Cyclotrons, linacs and their applications; La Hulpe, Belgium, 28 April-5 May 1994, *S.Turner (editor/s)*, [Geneva, Switzerland: CERN 1996] 60368 (introductory abstract), 61468, 69585–91, 69617–25, 69684–5, 69964, 70194–5

DAC: design automation; Las Vegas, NV, USA, 3-7 June 1996, *(ACM/SIGDA; EDAC; IEEE Circuits & Syst. Soc)* [New York, NY, USA: ACM 1996] 82105 (introductory abstract), 82840–84, 82890–5, 83015–27, 83058–85, 83100–2, 83145–59, 83173, 83263–4, 83529, 83589, 84247–8, 84457, 84549–50, 84557–62, 84586–91, 87000, 87471–2, 87609, 88878

DARS '94: distributed autonomous robotic systems; Saitama, Japan, 14-15 July 1994, [Tokyo, Japan: Springer-Verlag 1994] 108724, 108810, 108865, 109688, 110374, 118338

Data compression; Snowbird, UT, USA, 31 March-3 April 1996, *(IEEE Comput. Soc. Tech. Committee on Comput. Commun) J.A.Storer, M.Cohn (editor/s)*, [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 72092 (introductory abstract), 83138–9, 86019, 86079–95, 86141–2, 86221–32, 86721–66, 90277, 90395, 90744

Defects in insulating materials; Lyon, France, 5-8 July 1994, [1995] 85673, 89189, 114809, 115421

Design and engineering of optical systems; Glasgow, UK, 13-16 May 1996, *(SPIE; Corning France; Essilor Int.; Glasgow Dev. Agency; et al)* [1996] 112716 (introductory abstract), 114405, 115988, 116049, 116119, 116166–75, 116195–6, 116588, 116594–5, 116772–4, 117808–10, 119734–6, 119804, 120603, 120776

Design, codes and geometries; Houghton, MI, USA, 17-20 Aug. 1994, [Aug. 1996] 112725 (introductory abstract), 113063, 117208–15, 117244–5

Design, fabrication, and applications of precision plastic optics; Philadelphia, PA, USA, 23-24 Oct. 1995, *(SPIE)* [1995] 72268, 75588, 75609, 75652–5, 76286, 76291, 77344, 79344, 79538

Detection of abandoned land mines; Edinburgh, UK, 7-9 Oct. 1996, [London, UK: IEE 1996] 112748 (introductory abstract)

Device research; Charlottesville, VA, USA, 19-21 June 1995, *(IEEE Electron Devices Soc)* [New York, NY, USA: IEEE 1995] 60352 (introductory abstract),

61797–9, 61878–9, 62053, 62271–4, 62281–4, 62334, 62503, 62907, 63461, 63564–5, 63613–8, 63630–2, 63703–7, 63724–8, 63780–3, 63819–22, 63938, 63954, 64804–5, 64876, 64917, 64936, 64974, 65264–70, 65294, 68423, 68450, 69100, 69145–7, 69175, 69292
Devices, circuits and systems; Caracas, Venezuela, 12-14 Dec. 1995, *(Consejo Nacional de Investigaciones Cientificas y Tecnologicas, CONCIT; C.A. La Electricidad de Caracas; IEEE Venezuela)* [New York, NY, USA: IEEE 1995] 103289 (introductory abstract), 92079, 93123, 93129–33, 93166, 93572–3, 93645, 93831–2, 93848–9, 93981, 94489, 94835, 94875–6, 94885, 94901, 94907, 94932, 94940–1, 95021–4, 97281, 97389, 97654, 97855, 98336–7, 99589, 99734, 99956, 99971, 101304, 101385–6, 101396–7, 101701, 102042, 102089–90, 102109–10, 102145, 102165, 102193, 102272, 102596, 102705–6, 102714, 102740, 102744, 102901, 103091–2, 103191, 103193, 110831
Diamond, diamond-like and related materials; Barcelona, Spain, 10-15 Sept. 1995, *(Appl. Phys. Lab.; ASTeX; Elsevier Sci.; Norton Diamond Film; et al)* [April 1996] 72826–9, 72911–31, 74120, 74604, 82582, 82713–5, 82739–40, 83720, 83806, 83900, 83972, 84075, 84090, 84152, 84259, 84713, 84963, 85252–3, 85279, 85300, 89096, 89512, 89540
Diamond workshop; Osaka, Japan, 11 March 1996, [1996] 112708 (introductory abstract)
Differential satellite navigation systems; London, UK, 18-22 April 1994, [London, UK: R. Inst. Navigation 1994] 60412 (introductory abstract), 78623, 79046–66, 79070–90, 80669, 88400–1, 88752–61, 88764–75, 90726, 90737
Diffractive and holographic optics technology; San Jose, CA, USA, 1-2 Feb. 1996, *(SPIE)* [1996] 103263 (introductory abstract), 95807, 95866, 95913–7, 95932, 96582, 96826–30, 96834–42
Diffractive optics; Prague, Czech Republic, Aug. 1995, [July 1996] 85136, 85234, 85247, 85571, 85711, 85767–70, 88605
Digital avionics systems; Cambridge, MA, USA, 5-9 Nov. 1995, [New York, NY, USA: IEEE 1995] 60342 (introductory abstract), 61951, 67805, 68320, 68337–9, 70321, 70345–79, 70385–96, 70422–5, 70573, 70617, 70620–1
Digital libraries; Washington, DC, USA, 13-15 May 1996, *(NASA Goddard Space Flight Centre; Nat. Libr. Med.; IEEE Comput. Soc. Tech. Committee on Data Eng., and Task Force on Digital Libr.; Libr. Congress; Brown Univ.; Columbia Univ.; Cornell Univ.; George Washington Univ.; NIST; Rutgers Center for Inf., Manage., Integration, & Connectivity; Univ. Milan; Univ. Maryland-Baltimore County; Texas Univ.; Univ. Austin)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 76748, 78021–2
Digital mammography; London, UK, 27 March 1996, [London, UK: IEE 1996] 60393 (introductory abstract), 77335, 80320–31
Digital signal processing technology; Orlando, FL, USA, 10-11 April 1996, *(SPIE)* [1996] 112713 (introductory abstract), 113987, 114000–1, 117385–90, 117444, 117732, 117807, 118283–4, 118532, 118604, 118673, 118696, 119011
Digital video compression: algorithms and technologies; San Jose, CA, USA, 31 Jan.-2 Feb. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 72030 (introductory abstract), 83133–4, 86313–21, 86563–92, 87974, 88834
Display manufacturing technology; Santa Clara, CA, USA, 31 Jan.-2 Feb. 1995, [Santa Ana, CA, USA: Soc. Inf. Display 1995] 103283 (introductory abstract)
Display research; Monterey, CA, USA, 10-13 Oct. 1994, *(SID; Advisory Group on Electron Devices; IEEE Electron Devices Soc)* [Santa Ana, CA, USA: SID 1994] 82085 (introductory abstract), 82663, 82749, 82777, 83717–8, 83873, 84019, 84067, 84267, 84386–90, 84397–405, 84604–5, 84612–3, 84663, 84942, 85117–29, 85260, 88818, 89254–77, 89305–52
Distance learning; London, UK, 24 June 1996, *(IEE)* [London, UK: IEE 1996] 82069 (introductory abstract), 82118, 87940–2, 88855
Distributed computer control systems; Toulouse-Blagnac, France, 27-29 Sept. 1995, *(IFAC)* [Oxford, UK: Pergamon 1995] 87332, 87457, 87778–84
Distributed computer control systems '94; Toledo, Spain, 28-30 Sept. 1994, *(IFAC)* [Oxford, UK: Pergamon 1995] 98494, 98730–4, 99852
Distributed computing systems; Hong Kong, 27-30 May 1996, *(IEEE Comput. Soc. Tech. Committee on Distributed Process)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 77766–9, 78105–6, 78238, 86365, 87290, 87415–29, 87490, 87704–10, 87915
Distributed platforms; Dresden, Germany, 27 Feb.-1 March 1996, [London, UK: Chapman & Hall 1996] 98502, 98778–9, 98897
DKSME '94: data and knowledge systems for manufacturing and engineering; Hong Kong, 2-4 May 1994, *(Chinese Univ. Hong Kong; Univ. Hong Kong; Hong Kong Univ. Sci. & Technol.; IEEE Hong Kong Sect.; Hong Kong Comput. Soc)* [Hong Kong: Chinese Univ. Hong Kong 1994] 82836, 86887–8
Document recognition III; San Jose, CA, USA, 29-30 Jan. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 66561, 66880–8
Domain structure of ferroelectrics and related materials; Zakopane, Poland, 6-9 Sept. 1994, [1995] 106361–3, 111384
Dry process; Tokyo, Japan, 1-3 Nov. 1995, [April 1996] 71968 (introductory abstract), 72867–70, 74547–63, 74992, 75212
DSP for communication systems; Coventry, UK, 12-14 Dec. 1994, *(Hull-Lancaster Commun. Res. Group; H W Commun.; IEEE)* [Lancaster, UK: Lancaster Univ. 1994] 60413 (introductory abstract), 73164, 76697–8, 76730–6, 76851–2, 76943, 78172, 78266, 78343–4, 78435, 83004, 85857, 86028, 86055–6, 86129–30, 86190–2, 87368–70, 88081–4, 88149, 88398
Dynamical processes in excited states of solids; Cairns, Qld., Australia, 28 Aug.-2 Sept. 1995, [Dec. 1995] 74105, 74242–53, 74289, 74301–4, 74337, 74412, 75408, 75763, 76124–5
Dynamical quantum processes on solid surfaces; Osaka, Japan, 20-22 Sept. 1995, [1 Aug. 1996] 113345, 114940
Dynamics and control; Ulm, Germany, July 1994, *(Univ. Ulm; Univ. Southern California)* [1 Sept. 1996] 108465
Dynamics and physical properties of clusters, surfaces and interfaces; Sendai, Japan, 14-15 Nov. 1995, [Jan. 1996] 95361
Dynamics of the subcontinental mantle: from seismic anisotropy to mountain building; Montpellier, France, 7-9 June 1994, [June 1996] 101513–4
ECC '95: European control conference; Rome, Italy, 5-8 Sept. 1995, [Rome, Italy: Eur. Union Control Assoc. 1995] 60679, 60798–9, 60873, 66558, 66785–7, 66839, 66861, 67609, 70755–6, 70895, 70967, 71291, 71313–4, 71330, 71343–4, 71349, 71793–4, 72324–5, 72411, 73012, 76948–52, 77156, 78618, 79229, 80578–9, 80923, 81320, 81331, 81417–8, 81457, 81483
ECCV '96: object representation in computer vision; Cambridge, UK, 13-14 April 1996, *J.Ponce, A.Zisserman, M.Hebert (editor/s)*, [Berlin, Germany: Springer-Verlag 1996] 112686 (introductory abstract), 117677–90
Economics of design, test, and manufacturing; Austin, TX, USA, 16-17 May 1994, *(IEEE Comput. Soc. Tech. Committee for Test Technol) T.Ambler, M.Abadir (editor/s)*, [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 72048 (introductory abstract), 72217, 72241–2, 72250–3, 72299, 72323, 73286, 73435–6, 73914–6, 74787, 74793, 77889, 81985
ED-MEDIA '94: educational multimedia and hypermedia; Vancouver, BC, Canada, 25-30 June 1994, [Charlottesville, VA, USA: Assoc. Adv. Comput. Educ. 1994] 112792–5, 118535–6, 118610–3, 119477, 119499, 119512, 120531
EDBT '96: advances in database technology; Avignon, France, 25-29 March 1996, [Berlin, Germany: Springer-Verlag 1996] 77935
Effects of low-power light on biological systems; Barcelona, Spain, 14-15 Sept. 1995, *(SPIE; Eur. Laser Assoc.; Soc. Espanola de Laser Med. Quirurgico; et al)* [1996] 60377 (introductory abstract)
Electric power engineering; Stockholm, Sweden, 18-22 June 1995, [New York, NY, USA: IEEE 1995] 82087 (introductory abstract), 82926–7, 84524, 90919–20, 90939, 90961–2, 90989–1000, 91024–31, 91064, 91084–7, 91092–100, 91113–22, 91129, 91143–5, 91174, 91200–3, 91249, 91372, 91381–3, 91386, 91389, 91419–21, 91434–8, 91456–63, 91482–94, 91527–39, 91541–2, 91555–6, 91562, 91592–3, 91650–8, 91667–73, 91689, 91784, 91821–31, 91867–8, 91886–7, 91904–15, 91950, 91968, 91976, 92011, 93952–3, 95264, 95286–8, 95295, 96917, 101702–26, 101740–59, 101845–912, 101953–85, 101997–8, 102013–31, 102035–6, 102039, 102043, 102048, 102095–103, 102112–36, 102150–4, 102164, 102167–71, 102199–200, 102210–23, 102247–61, 102274–8, 102322–4, 102328–30, 102342, 102344, 102360, 102430–1, 102436–8, 102512–3, 102647–50, 102666–7, 102728, 102807, 102811–8, 102906–12, 102923–6, 102928–9, 103178
Electric traction supply systems and drives; Warsaw, Poland, 5-7 Oct. 1995, *(Ministr. Educ. Naradowej; Komitet Badan Naukowych; IEE; et al)* [Warsaw, Poland: Warsaw Univ. Technol. 1995] 103240 (introductory abstract), 109153, 110941, 111550, 111874, 112062, 112431, 112490–534, 112536–50, 112649
Electrical contacts; Pittsburgh, PA, USA, 27-29 Sept. 1993, *(Components, Hybrids, & Manuf. Technol. Soc. IEEE)* [New York, NY, USA: IEEE 1993] 60408 (introductory abstract), 62405–20, 62425–34, 62437–40, 62550, 62570, 64586, 65753, 71347, 71369, 71588–90
Electrical insulating materials; Tokyo, Japan, 17-20 Sept. 1995, *(IEEE Dielectr. & Electr. Insulation Soc.; Inst. Electr. Eng. Japan)* [Tokyo, Japan: Inst. Electr. Eng. Japan 1995] 60341 (introductory abstract), 61447, 61451–3, 62442, 64026–7, 64035–6, 64039–58, 64066–8, 64070, 64099, 64101–5, 64115–40, 64143–58, 69095, 69428, 69443, 69447–8, 69486, 70913–8, 70920–5, 70936, 70954, 70959, 70985, 71217, 71245, 71303, 71385, 71388
Electrical rotating machines; Bombay, India, 19-20 Jan. 1996, [Bombay, India: IEEMA 1996] 72061 (introductory abstract), 81347, 81370, 81404–11, 81430–2, 81471–7, 81487, 81585, 81952–6, 81979, 82048
Electrical tomography; London, UK, 19 June 1996, *(IEE)* [London, UK: IEE 1996] 82095 (introductory abstract), 98185–7, 99839–41, 100269, 100390, 100399, 101208, 101356–60, 101372–7, 102189
ELECTRO '96; Somerset, NJ, USA, 30 April-2 May 1996, *(IEEE Region I; METSAC & CNEC; ERA - New York & New England Chapters)* [New York, NY, USA: IEEE 1996] 71999 (introductory abstract), 60509–12, 61667–8, 61952–5, 65854, 66258, 66538, 67560, 67592–3, 67658, 67712, 67817–9, 68007, 68162–9, 68340–1, 69338, 69412, 69926–7, 70156, 70561, 71870
Electrochemical energy storage and conversion materials; San Francisco, CA, USA, 17-20 April 1995, *D.H.Doughty, B.Vyas, T.Takamura, J.R.Huff (editor/s)*, [Philadelphia, PA, USA: Mater. Res. Soc. 1995] 103316 (introductory abstract), 104898–9, 111062–3, 112178, 112196–7, 112280–307, 112318–29, 112429, 112583–5, 121907–9
Electrochemical microfabrication; Miami Beach, FL, USA, 10-12 Oct. 1994, [Pennington, NJ, USA: Electrochem. Soc. 1995] 60636, 61313–5, 62470, 62505–6, 62516, 62689–90, 63116, 63344–7, 63450–2, 63505–6, 63856, 63990–7, 64440, 64956
Electromagnetic field computation; Okayama, Japan, 18-20 March 1996, *(IEEE Magn. Soc)* [New York, NY, USA: IEEE 1996] 103293 (introductory abstract), 92150, 92313, 92433, 92572, 92646–9, 92962, 93009–10, 93671–3, 93689–90, 93734, 93748–9, 93978, 94204–5, 95335–40, 95355–6, 95365, 95376–80, 95384–5, 95393, 95451–4, 95611–3, 95764, 96392, 96734, 96867, 96889–96, 96901–15, 96922–4, 96931–7, 96943, 96945–53, 96960–1, 96999–7002, 97008–9, 97076–8, 97093, 97143, 97179, 97198, 97272–3, 97282, 97339, 97814–5, 99737, 99897, 99972, 100243, 100336, 100798, 101238, 101305, 101387, 101398–9, 101612, 102052, 102111, 102149, 102166, 102262, 102407, 102634–6, 102638–46, 102665, 102670–8, 102707, 102715–27, 102745–6, 102756–62, 102772, 102805–6, 102808–10, 102886–7, 102899–900, 102902–5, 102931, 103034, 103093, 103126, 103132–8, 103146, 103164–6, 103326, 103772, 103792–3, 104205, 104227, 104248–9, 104255–6, 104779, 104792–6, 104902, 104905–6, 104908, 104931, 106138, 106503–4, 106507, 106593, 106598, 106619–20, 106629, 106636–7, 106640, 106705, 106707–8, 107690, 107695–702, 107704–12, 107714–29, 107732–7, 107739–41, 107743–4, 107750–61, 107764–9, 107772–94, 107796–805, 107809, 107812–3, 107818–9, 107823–5, 107827–8, 107833, 107851–5, 107860–6, 107949, 107954, 107965, 107967, 107979, 107993–4, 108008, 108039–42, 108088, 110106, 110305, 110485, 110507, 110919, 110957, 111655, 111875, 111889, 111896–7, 111904, 111923–5, 111933, 111937, 111961–4, 111998, 112147–8, 112153, 112158, 112428, 112471, 112551, 112567–9, 112605–9, 112618
Electromagnetic fields in electrical engineering; Thessaloniki, Greece, 25-27 Sept. 1995, [Dec. 1995] 72042 (introductory abstract), 72131–4, 72729, 73834–5, 75078, 75274–5, 75281–2, 75560, 76331, 76342–5, 76361–2, 76413–4, 76512, 76535, 79628, 79676, 80468, 81164, 81394–6, 81401, 81421–2, 81426–9, 81452–5, 81466–9, 81486, 81495, 81501, 81524–5, 81531–3, 81647, 81970, 82003–4
Electromagnetic interference and compatibility; Madras, India, 6-8 Dec. 1995, [Madras, India: Soc. EMC Eng. 1995] 72014 (introductory abstract), 72103, 72193, 73408, 73623, 73833, 73844, 73852–5, 73901, 73922–3, 74827, 76326, 76441–87, 76548, 76591–6, 76641–3, 78264, 78278, 78333, 78335, 78338, 78389, 78582, 78985, 79099, 79143, 79240, 80244, 80390, 80539, 80743, 81099, 81161–2, 81188, 82017
Electromagnetic scattering from gases and plasmas; Aussois, France, 21-24 March 1994, *(URSI; CNRS; DGA/DRET; French Minist. Res)* [June-July 1996] 60382 (introductory abstract), 76428, 80626–33
Electromagnetics computation; Bath, UK, 10-12 April 1996, [London, UK: IEE 1996] 60351 (introductory abstract), 60436, 61098, 61467, 61504, 62143–5, 62148, 62160, 62184, 62227–9, 62453, 63860, 63923, 64176, 65599, 65604–10, 65613, 65625–8, 65659, 65673, 65720, 65723, 65744, 65755–6, 65771–3, 65810–5, 65890–2, 65907, 65916–8, 65932, 65976–8, 65995–6, 66012, 66040–1, 66071–2, 66098–9, 66109–11, 66148, 69656, 70270, 70485, 71246, 71315, 71795, 71899–900, 71937
Electron-electron linear collider workshop; Santa Cruz, CA, USA, 5-6 Sept. 1995, [10 April 1996] 60338 (introductory abstract), 69595–6, 69634–5, 69801
Electronic components and technology; Orlando, FL, USA, 28-31 May 1996, *(Components, Packaging, & Manuf. Technol. Soc. IEEE; Electron. Ind. Assoc)* [New York, NY, USA: IEEE 1996] 112737 (introductory abstract), 112882, 112915–44, 113547, 113993–4, 114188, 114331, 114347, 114352, 114371, 114378–81, 114416, 114438–40, 114452, 114463–9, 114478–85, 115017, 115306, 116045–7, 116284–90, 116522–3, 118723, 119214–30
Electronic packaging technology and interconnection technology; Essen, Germany, 31 Jan.-2 Feb. 1996, *(Comm. Eur. Union)* [Dusseldorf, Germany: Deutscher Verlag fur Schweisstechnik 1996] 112682 (introductory abstract), 112904–14, 112958–61, 113040–2, 113053, 113530, 114254–5, 114330, 114415, 114434–7, 114457–62, 114472–3, 114476–7, 114487, 115015, 115165, 116242, 116939, 118685, 118700, 119801–2, 120273
Electronic patient record '96; San Diego, CA, USA, 13-18 May 1996, [Newton, MA, USA: Med. Records Inst. 1996] 98707, 98814, 101213

Electronic properties of two-dimensional systems; Nottingham, UK, 7-11 Aug. 1995, *(IUPAP; Comm. Eur. Communities; Eng. & Phys. Sci. Res. Council; et al)* [20 July 1996] 103281 (introductory abstract), 105128, 105186–7, 105248–63, 105282–98, 105358–72, 105399–432, 105469, 105524, 105709, 105741, 105865–6, 105985, 106037–8, 106082, 106099–100, 106108
Electronic publishing and libraries; Bielefeld, Germany, Feb. 1996, [Frankfurt am Main, Germany: Vittorio Klostermann 1996] 109151
Electronic publishing, document manipulation and typography; Palo Alto, CA, USA, 24-26 Sept. 1996, *(Adobe Syst.; Univ. California at Berkeley; Xerox Corp)* [June-Sept. 1995] 117748
Electronics and the environment; Dallas, TX, USA, 6-8 May 1996, *(IEEE; IEEE Environ., Health & Safety Committee of the Tech. Activities Board)* [New York, NY, USA: IEEE 1996] 72071 (introductory abstract), 72188–9, 72191, 72224–36, 72258–60, 72310–3, 72362–91, 78259, 78288, 78331, 79152, 81731, 81911
Electronics, circuits and systems; Amman, Jordan, 17-21 Dec. 1995, [Amman, Jordan: Higher Council for Sci. & Technol. 1995] 112680 (introductory abstract), 113757, 113788, 113923–4, 114005, 114043, 114163, 114177, 114240, 114297–8, 114984, 115130, 115152, 115172, 115254–5, 115264, 117466, 117858–62, 117991–3, 118487–91, 118711, 119249, 119274, 119485, 120465–8, 120927, 121073, 121739, 122051
Electronics in marine - ELMAR '95; Pula, Croatia, 18-20 Sept. 1995, *(Ministr. Maritime Affair, Transport & Commun. Croatia; Croatian Navy; Univ. Zagreb) B.Vidmar, B.M.Rongina, B.Radanovic (editor/s),* [Zadar, Croatia: Croatian Soc. Electron. Marine 1995] 60421 (introductory abstract), 72149, 72208, 73064, 73148, 73522, 73838–9, 74126, 74772, 76511, 76572, 76619, 77447, 77827, 77850, 78121, 78213–6, 78239, 78353, 78619, 78868, 78955, 79024, 79038–40, 79091, 79125–7, 79149–50, 79153, 79172, 79518, 79648, 79679, 79683, 79757, 80344, 80534, 80702, 80721, 81155, 81340, 82013, 83576, 87523, 87916, 88024, 88166, 88475, 88763, 88870, 90647, 90819, 90885
ELECTROSOFT '96: software for electrical engineering; Pisa, Italy, May 1996, *(IEE; Univ. Florence) P.P.Silvester (editor/s),* [Southampton, UK: Comput. Mech. Publications 1996] 103215 (introductory abstract), 92077, 92638–9, 93051–67, 93090, 93093, 93118, 93683, 93721–2, 93900, 93974, 94591, 94688, 95186, 96881–3, 97062, 97256, 97395, 99938–9, 102702–3, 102920, 103163
EM and acoustic wave propagation modelling; London, UK, 8 March 1996, *(IEE)* [London, UK: IEE 1996] 60356 (introductory abstract)
EMC fundamentals; London, UK, 18 March 1996, [London, UK: IEE 1996] 60364 (introductory abstract), 65611, 65879–80
EMC in broadcasting; London, UK, 25 March 1996, [London, UK: IEE 1996] 60362 (introductory abstract)
EMC testing for conducted mechanisms; London, UK, 20 May 1996, *(IEE)* [London, UK: IEE 1996] 72000 (introductory abstract), 76492–6, 81218
Emerging components and technologies for all-optical networks; Phildelphia, PA, USA, 24 Oct. 1995, *(SPIE)* [1995] 82072 (introductory abstract), 85321–2, 85387–8, 85411, 85469, 88481–91
Emerging technologies and applications in communications; Portland, OR, USA, 7-10 May 1996, *(IEEE Comput. Soc. Tech. Committee on Comput. Commun.; ACM SIGARCH; ACM SIGCOMM; ACM SIGMULTI)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 82060 (introductory abstract), 87320–2, 87499, 87567, 87730–42, 87932–7, 87978, 87997, 88026–7, 88225–6, 88525, 88804, 88815, 88827, 88860, 90842
EMG and clinical neurophysiology; Kyoto, Japan, 15-19 Oct. 1995, [Sept. 1995] 72085 (introductory abstract)
EMR of disordered systems qualitative, quantitative and practical aspects; Sofia, Bulgaria, 12-19 June 1995, [1996] 88914
Enabling technologies: infrastructure for collaborative enterprises; Stanford, CA, USA, 19-21 June 1996, *(IEEE Comput. Soc.; Concurrent Eng. Res. Center, West Virginia Univ.; IEEE Commun. Soc.; ACM SIGOIS)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 112811–3, 112856, 117262, 118495–501, 118540
Energy efficient and environmentally friendly drive systems; London, UK, 19 June 1996, *(IEE)* [London, UK: IEE 1996] 72097 (introductory abstract), 91504–5, 91786–9, 92009
Energy management and power delivery; Singapore, 21-23 Nov. 1995, [New York, NY, USA: IEEE 1995] 60420 (introductory abstract), 70648, 70757–68, 70805–6, 70821–2, 70896–904, 70930, 70946, 71012, 71030, 71121, 71150, 71181, 71331, 71554, 71603, 71728, 71896, 72104–5, 72412, 80753–8, 80780–1, 80815–31, 80896–900, 80956–9, 80969, 80992–5, 81017, 81029–35, 81047–50, 81066–7, 81078–9, 81100, 81115, 81133–5, 81138–9, 81176–7, 81189, 81294, 81337, 81339, 81389, 81438–9, 81445, 81508–10, 81517–8, 81539, 81550, 81593–7, 81939–40, 81962, 81966–8
Engineering education in 21st Century; London, UK, 7 May 1996, *(IEE)* [London, UK: IEE 1996] 71992 (introductory abstract), 60489–500
Engineering for HCI; Grand Targhee Resort, WY, USA, 14-18 Aug. 1995, [London, UK: Chapman & Hall 1996] 117775
Environmental factors in electronic warfare related to aerospace systems; Rome, Italy, 8-11 May 1995, [Neuilly-sur-Seine, France: AGARD 1996] 112750 (introductory abstract)
Epitaxial oxide thin films; Boston, MA, USA, 26-30 Nov. 1995, [Pittsburgh, PA, USA: Mater. Res. Soc. 1996] 72849–53, 74285, 75164, 92695, 92764–7, 92799, 93835, 95302–4, 95502–3, 95716, 96718
Equipment for use in flammable atmospheres; Capenhurst, UK, 22 April 1996, *(IEE)* [London, UK: IEE 1996] 60395 (introductory abstract), 60528–30, 71218–21, 71247
ESANN '96: artificial neural nets; Bruges, Belgium, 24-26 April 1996, [Brussels, Belgium: D Facto 1996] 108385–6, 108725
ESCAT '94: smart cards; Helsinki, Finland, 7-9 Sept. 1994, [Helsinki, Finland: CONGREX (Blue & White Conferences) 1995] 64394
ESORICS '94: computer security; Brighton, UK, 7-9 Nov. 1994, [1996] 108104, 109119
ESSCIRC 95; Lille, France, 19-21 Sept. 1995, [Gif sur Yvette, France: Editions Frontieres 1995] 67968, 73100, 73129, 73193, 73297–300, 73385, 73459–60, 73480–1, 73512–7, 73543–4, 73575, 74845, 75774, 78372, 79378, 81400
ESSDERC 94; Edinburgh, UK, 11-15 Sept. 1994, *(IEEE)* [Gif sur Yvette, France: Editions Frontieres 1994] 60768, 61342, 61369, 61872–3, 62669–71, 62708, 62850, 63132–3, 63143, 63213, 63221, 63241, 63290–5, 63422–5, 63443, 63490–1, 63522, 63529, 63544, 63590–606, 63666–80, 63698–702, 63760–5, 63776, 63829, 63834–5, 63901–2, 63916–20, 63929–31, 63961, 63974, 63979, 64033, 64077, 64924, 69065–7, 69144, 69898
ESSDERC 95; The Hague, Netherlands, 25-27 Sept. 1995, *(Philips Semicond.; EU; ASM-Lithography; Appl. Mater.; GSM Nederland; ASM Int.; Novellus Syst.; Philips Machine Factories et al) H.C.de Graaff, H.van Kranenburg (editor/s),* [Gif sur Yvette, France: Editions Frontieres 1995] 72012 (introductory abstract), 82259, 82276–7, 82664–5, 82813, 82935–8, 82953, 83114–8, 83128, 83144, 83336, 83386, 83513–6, 83543, 83816, 83852, 83912–3, 83953–4, 84020, 84036, 84068, 84097–8, 84172, 84226–32, 84268–9, 84289, 84299–301, 84318–36, 84355, 84358, 84406–24, 84445–53, 84470–8, 84498–500, 84504, 84530–2, 84541–5, 84552, 84564–6, 84573–5, 84600, 84606, 84608–9, 84614, 84664–5, 84680, 84759, 84827, 85096, 85107, 85261, 85281, 85286, 85291, 85313, 85329, 85493, 85798, 88257, 88546–8, 89039–47, 89103–5, 89163–5, 89191, 89353, 89548, 90196, 90863, 93369, 94216, 94606, 94912, 94960, 94991, 95176–7, 95239
Ethics of computing; Hamberg, Germany, Sept. 1994, [London, UK: Chapman & Hall 1996] 103292
EURISCON '94: robotics and intelligent systems; Malaga, Spain, 22-25 Aug. 1994, [Aug. 1996] 103481–2, 110037
EUROGRAPHICS '96: graphics - virtual reality - graphics highways; Poitiers, France, 26-30 Aug. 1996, *(CNRS; BARCO; Electr. France: et al)* [1996] 108120, 108397–8, 108464
EUROMICRO Conference; Prague, Czech Republic, 2-5 Sept. 1996, [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1995] 104288–9, 104531–4, 104616, 104775, 106181, 108867–70, 109150, 113966–7, 117620, 118078, 118528, 119399–400, 119494
European design and test conference; Paris, France, 11-14 March 1996, *(IEEE Comput. Soc.; Eur. Design & Autom. Assoc.; Eur. Group of TTTC & DATC; ACM/SIGDA; Eur. Comission; ADFTT, NIS (Ex Soviet Union); AEIA, Spain; AFCET, France; ATI, Spain; BULL, France; CLRC, UK; CNR, Italy; CSIC, Spain; Estonian Electron. Soc., Estonia; GI, Germany; HTE, Hungary; IEEE Circuits & Syst. Soc.; IFIP, 10.2/10.5; ITG, Germany; KVIV, Belgium; MATE, Hungary; Polish Acad. Sci., Poland; VDE, Germany)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 71979 (introductory abstract), 72243–5, 72485–6, 73010, 73029–37, 73114, 73181–6, 73215–46, 73339–43, 73413–9, 73533, 73568–70, 73848, 73904–9, 74788–92, 74808, 74832–6, 74881–3, 76738, 77616, 77805, 77834–5, 79247, 79326–7, 81493
European design automation. EURO-VHDL; Geneva, Switzerland, 16-20 Sept. 1996, *(Gesellschaft fur Inf. e.V.; IEEE Comput. Soc. Tech. Committee for Design Autom.; IEEE Circuits & Syst. Soc.; ACM SIGDA; IFIP 10.5; EDAC; CEPIS; Eur. C.A.D. Stand. Initiative; Osterreichische Comput. Gesellshaft; Schweizer Inf. Gesellschaft)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 112850, 113666–86, 113823–32, 113869–83, 113952, 113983–4, 114075, 114146, 114172, 114413, 115201, 115289–91, 115381–2, 117381, 118145, 118775, 122062
European microwave '94; Cannes, France, 5-8 Sept. 1994, [Swanley, UK: Nexus Business Commun. 1994] 60479–80, 61505, 61580, 61686, 61970, 62141, 62149, 62151, 62156–9, 62176–83, 62185–9, 62194, 62198–203, 62218–9, 62223–4, 62241–50, 62262–70, 62275–6, 62290–7, 62303–10, 62324–32, 62335–43, 62357–63, 62392, 62514, 62623, 62709, 63530, 63790–1, 64086, 64485–7, 64812, 64925, 65001, 65332, 65816, 65823, 65833, 65836–41, 65853, 65906, 65920, 65930, 65938–47, 65954, 65980, 66004–5, 66007, 66015–6, 66031, 66044, 66052–6, 66102–3, 66107, 66115–6, 66118–23, 66171, 68073, 68093, 68120–1, 68133, 68160–1, 68348, 68386–7, 68496–7, 68627–8, 68820, 68828, 69001–6, 69034, 69189, 69442, 69464–7, 69469–72, 69477, 69479–80, 69960, 70192–3, 70262, 70282, 72276, 72733, 73110, 73624–6, 73646–9, 73659–60, 73676–8, 73719–30, 73769–76, 74075, 74758, 75349, 75375, 76427, 76509–10, 76519–21, 76533, 76549–50, 76597–600, 76644–50, 76666–7, 78339, 78390–1, 78583–7, 78637, 78702–3, 78827, 78986, 79013, 79100, 79164, 79415, 80623, 80662
European microwave conference 95; Bologna, Italy, 4-7 Sept. 1995, [Swanley, UK: Nexus Media 1995] 103285 (introductory abstract), 92174, 93070, 93292, 93733, 93738–47, 93766, 93818–24, 93843–7, 93906–21, 93934, 94196–7, 95066, 95073, 95623, 95830, 96003, 97092, 97136–8, 97197, 97268–9, 97279–80, 97300, 97333–7, 97344–5, 97374–7, 97385–8, 97427, 98735, 99134, 99332–4, 99433–5, 99586–8, 99633–5, 99662–4, 99710, 100296–9, 100301–2, 101561, 101655, 103530–3, 104354, 104776, 104823, 104863–4, 104872, 104882–4, 104968, 104992, 105027–8, 106733, 107438, 107887, 107942, 107968, 107974–6, 108006, 108013, 109328, 109473, 109689–91, 109696–7, 109738, 109818, 110045, 110329, 110341, 111310, 112603, 112770–3, 112893, 113241, 113631, 113702, 113764–5, 113818, 114063, 114185–7, 114200–25, 114243–9, 114263–81, 114304–16, 114360, 114511, 114990, 115116, 115232, 115856, 115889, 115922, 116283, 116802, 116844, 116942–4, 116957–64, 117002, 117019–21, 117062–5, 117104, 117135, 118860, 119094, 119845–9
European quantum electronics conference; Hamburg, Germany, 8-13 Sept. 1996, *(Eur. Phys. Soc.; Quantum Electron. & Opt. Div.; IEEE/Lasers & Electro-Opt. Soc.; Opt. Soc. America; Eur. Opt. Soc)* [New York, NY, USA: IEEE 1996] 112744 (introductory abstract)
European surface mount; Brighton, UK, 16-17 Nov. 1994, [High Wycombe, UK: SMART Group 1994] 82086 (introductory abstract)
Evolution of epitaxial structure and morphology; Boston, MA, USA, 27 Nov.-1 Dec. 1995, *A.Zangwill, D.Jesson, D.Chambliss, R.Clarke (editor/s),* [Philadelphia, PA, USA: Mater. Res. Soc. 1996] 112703 (introductory abstract), 113346–50, 113366, 113458, 114569, 114630, 114756–7, 114807
Evolutionary computation; Nagoya, Japan, 20-22 May 1996, *(IEEE Neural Network Council (NNC); Soc. Instrum. & Control Eng. (SICE); Robotics Soc. Japan (RSJ); Japan Soc. Fuzzy Theory & Syst. (SOFT); Japan Soc. Mech. Eng. (JSME))* [New York, NY, USA: IEEE 1996] 92551–66, 93604, 95160, 97655, 98341–2, 98984, 99973, 102012, 102408
Evolutionary computing; Brighton, UK, 1-2 April 1996, *(Soc. Study of Artificial Intelligence & Simulation of Behaviour)* [Berlin, Germany: Springer-Verlag 1996] 113868, 117379
Evolutionary programming; San Diego, CA, USA, 24-26 Feb. 1994, *(Evolutionary Programming Soc.; IEEE)* [Singapore: World Scientific 1994] 66497, 67112–4
Evolvable hardware; Lausanne, Switzerland, 2-3 Oct. 1995, [Berlin, Germany: Springer-Verlag 1996] 60897, 61828
Exchanging healthcare information; Manchester, UK, 11-12 Oct. 1995, [Weybridge, UK: BJHC 1995] 67591, 67813–6
Experimental and numerical methods for solving ill-posed inverse problems; San Diego, CA, USA, 10-11 July 1995, *(SPIE)* [1995] 60379 (introductory abstract)
Fabrication, testing, and reliability of semiconductor lasers; San Jose, CA, USA, 31 Jan.-1 Feb. 1996, *(SPIE)* [1996] 103217 (introductory abstract), 96020, 96302–15, 99511–2
Fast software encryption; Cambridge, UK, 21-23 Feb. 1996, *D.Gollmann (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 60390 (introductory abstract), 66498–515
Fault-tolerant computing; Sendai, Japan, 25-27 June 1996, *(IEEE Comput. Soc. Tech. Committee on Fault-Tolerant Comput.; IEICE Tech. Group on Fault-Tolerant Syst.; IFIP WG 10.4 on Dependable Comput. & Fault Tolerance; IEEE, Tokyo Sect.; Inf. Process. Soc. Japan; IEE Japan; Soc. Instrum. & Control Eng. Japan; Reliability Eng. Assoc. Japan)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 92039 (introductory abstract), 93037, 93236–40, 93425, 93505, 93535, 97439–42, 98358, 98449, 98666–9
Feature interactions in telecommunications; Kyoto, Japan, 11-13 Oct. 1995, *(IEEE Commun. Soc.; IEICE of Japan; Adv, Telecommun. Res. Inst. Int)* [Amsterdam, Netherlands: IOS Press 1995] 67620–2, 67648–50, 67672, 67697–8, 67891–5, 68132
Ferroelectricity; Moscow, Russia, 22-27 Aug. 1994, *(Russian Found. Fundamental Sci.; Phys. Soc. Russia; Japanese Soc. Promotion of Sci.; et al)* [1995] 103211 (introductory abstract), 106332–3, 107567–9, 113358, 115424–6, 115456, 116762
FLAIRS '96: artificial intelligence; Key West, FL, USA, 20-22 May 1996, [St. Petersburg, FL, USA: Eckerd Coll. 1996] 113009, 117270, 117618, 118400

Flight simulation; Braunschweig, Germany, 22-25 May 1995, [Neuilly sur Seine, France: AGARD 1996] 120590–602, 120619–20, 120935–6

FME '96: formal methods, industrial benefits and advances; Oxford, UK, 18-22 March 1996, [Berlin, Germany: Springer-Verlag 1996] 77748–9, 79044, 81283, 81343

FPAC '95: food processing automation; Chicago, IL, USA, 3-5 Nov. 1995, *(Food & Process Eng. Inst)* [St.Joseph, MI, USA: American Soc. Agric. Eng. 1995] 82088 (introductory abstract), 82319–22, 88938, 88948, 89557, 89561, 89583

FPGA '96: field programmable gate arrays; Monterey, CA, USA, 11-13 Feb. 1996, *(ACM)* [New York, NY, USA: ACM 1996] 61724 (introductory abstract), 61521, 61559–61, 61783–96, 62080, 66788

Fracture mechanics application in electronic packaging and materials; San Francisco, CA, USA, 12-17 Nov. 1995, *(ASME) T.Y.Wu, W.T.Chen, R.A.Pearson, D.T.Read (editor/s),* [New York, NY, USA: ASME 1995] 112741 (introductory abstract), 112962–75, 113625, 114406–7, 114449, 114488–90, 114853, 115038

Free electron lasers; New York, NY, USA, 21-25 Aug. 1995, [11 June 1996] 92049 (introductory abstract), 94181–2, 94199, 96075–86, 96443–567, 96578, 96957, 100437, 100779, 107370–403, 110477–8, 110518

Frequency noise, soliton jitter, synchronisation of oscillators; Chappelle des Bois, France, April 1996, [July-Aug. 1996] 103251 (introductory abstract), 113790–2, 114258, 115463, 119129, 119516–7

From biology to high energy physics; Isola d'Elba, Italy, 26-30 Sept. 1994, [1995] 82082 (introductory abstract), 83289–91, 90193–5

Frontiers for engineering materials; Galway, Ireland, Sept. 1995, [1996] 112674 (introductory abstract), 113450, 113546, 114455, 114747, 115589

Frontiers in laser physics and spectroscopy; Tokyo, Japan, 8-10 Nov. 1996, [1996] 114601, 116251, 116299–302, 116390, 116426–7, 116482–3, 116601–2, 116635–40, 119910–3

Fullerenes and derivatives physics and chemistry; Kirchberg, Austria, 5-12 March 1995, [Singapore: World Scientific 1995] 113365, 113483

Functional Photonic and Fiber Devices; San Jose, CA, USA, 30 Jan.-1 Feb. 1996, *(SPIE)* [1996] 92020 (introductory abstract), 92802, 95680, 95723–4, 95734–5, 95784–92, 95818, 95883–7, 95926, 96055–8, 96135–7, 96169, 96301, 96776, 97250–1, 99473, 99509–10, 99918, 99929, 100159, 100357, 100361, 100376, 101632

Fusion engineering; Champaign, IL, USA, 30 Sept.-5 Oct. 1995, *(Committee on Fusion Technol.; IEEE Nucl. & Plasma Sci. Soc.; UIUC Fusion Studies Lab) G.H.Miley, C.Elliot (editor/s),* [New York, NY, USA: IEEE 1995] 92032 (introductory abstract), 93631, 95609–10, 96117, 97003, 99781, 100797, 100908, 102400, 102669, 102873, 102884–5, 103052, 103475, 104251, 104307, 104797, 104903, 105029, 106704, 106709–15, 106718–27, 107762–3, 107811, 107814–6, 107829–31, 108031, 108043, 110006, 110033, 110036, 110038, 110250, 110313, 110417, 110471, 110526, 111066, 111613, 111641, 111728, 112060–1, 112076–9, 112172

Future of patient records; Maastricht, Netherlands, 21-24 May 1996, [July 1996] 110870

Fuzzy information processing; Berkeley, CA, USA, 19-22 June 1996, *(NAFIPS - North American Fuzzy Inf. Process. Soc.; BISC -Berkeley Initiative in Soft Comput.; IEEE Neural Networks Council; IEEE Syst., Man and Cybern. Soc)* [New York, NY, USA: IEEE 1996] 92368, 92410, 92423, 92448–51, 92501, 92512–4, 92573, 92606, 97753, 97958–60, 98105, 98509, 98567, 101762, 102361, 102653

Fuzzy logic; Uxbridge, UK, 1995, [Chichester, UK: Wiley 1996] 104367

Fuzzy sets theory and its applications; Liptovsky Jan, Slovakia, 31 Jan.-4 Feb. 1994, [1995] 60331 (introductory abstract), 60784, 60802–3, 60829–34, 60982–3, 61027, 61034, 72416, 72501–4

Fuzzy systems; New Orleans, LA, USA, 8-11 Sept. 1996, *(IEEE Neural Networks Council)* [New York, NY, USA: IEEE 1996] 113011, 113066, 113090, 113105–6, 113131–5, 113146–7, 113176–8, 113780, 113896–9, 113982, 114145, 114171, 115200, 117286, 117380, 117415–6, 117693–703, 117777, 117791–2, 118170, 118282, 118603, 119009, 119897, 120354–5, 120487, 120530, 120931, 120982, 121120, 121287, 121291, 121353, 121457, 121486, 121509

Gallium arsenide and related compounds; Tuscany, Italy, 21-24 March 1995, *(Inst. Nazionale di Fisca Nucl.; Fraunhofer Inst. Angewandte Festkorperphysik; et al) P.G.Pelfer, J.Ludwig, K.Runge, H.S.Rupprecht (editor/s),* [Singapore: World Scientific 1996] 103304 (introductory abstract), 113777, 114602, 114803, 115239–41, 116112, 118744, 120138–54, 120190, 120220, 120352–3

Gallium arsenide integrated circuit symposium; San Diego, CA, USA, 29 Oct.-1 Nov. 1995, *(IEEE Electron Devices Soc.; IEEE Microwave Theory & Tech. Soc)* [Oct. 1996] 114318–21, 118737, 119163–6

Gas and chemical lasers; San Jose, CA, USA, 31 Jan.-1 Feb. 1996, *(SPIE)* [1996] 103226 (introductory abstract), 103418–9, 105729, 107047–71, 107414, 107530, 107636, 109802–7, 110427–8, 111194, 111426

Gas lasers; Moscow, Russia, 2-5 July 1995, *W.J.Whitteman, V.N.Ochkin (editor/s),* [Dordrecht, Netherlands: Kluwer Academic Publishers 1996] 103306 (introductory abstract), 103424, 105756, 107097–121, 107469, 116351–69, 116578, 116797, 116925, 119322, 119523, 119951, 120774–5

General algebra and ordered sets; Liptovsky Jan, Slovakia, 29 Aug.-5 Sept. 1993, [1995] 60330 (introductory abstract)

Generation, amplification, and measurement of ultrashort laser pulses; San Jose, CA, USA, 28-30 Jan. 1996, *(SPIE)* [1996] 103264 (introductory abstract), 96226–35, 96599–600, 96723–5, 96843, 100369–71, 106774, 107441–3, 107493–6, 110470

Genetic programming; Cambridge, MA, USA, 10-12 Nov. 1995, [Menlo, CA, USA: AAAI Press 1995] 60810, 70548

Geophysical parameters from space; Dundee, UK, 14 Aug.-3 Sept. 1994, *N.E.Fancey, I.D.Gardiner, R.A.Vaughan (editor/s),* [Bristol, UK: IOP Publishing 1996] 103282 (introductory abstract)

Geoscience and remote sensing; Lincoln, NE, USA, 27-31 May 1996, *(IEEE Geosci. & Remote Sensing Soc.; Univ. Nabraska; NASA; NOAA; Office of Naval Res) T.I.Stein (editor/s),* [New York, NY, USA: IEEE 1996] 103302 (introductory abstract), 103330–1, 103340–4, 107856–7, 107892, 107905, 107925, 109741–2, 109756–62, 109793, 109845, 111079–94, 111098–148, 111151–2, 111174–80, 111183–92, 111198–216, 111221, 111232–7, 111240–3, 111251–67, 111275–9, 111285–99, 111305, 111308–9, 111311–2, 111314–37, 111343–7, 112777–8, 112806–10, 120583, 120658–79, 120683–9, 120691–701, 120706–38, 120746–54, 120761–5, 120770–3, 120784–806, 120812–29, 120833–40, 120842–77, 120882–903, 120905–18

Giant resonances; Groningen, Netherlands, 28 June-1 July 1995, *(Rijksuniv. Groningen; Kernfysisch Versneller Inst. Stichting voor Fundamenteel Onderzoek der Materie Amsterdam)* [18 March 1996] 80134

Gigabit networking; Manchester, UK, 21 May 1996, *(IEE)* [London, UK: IEE 1996] 72016 (introductory abstract), 77839, 78024–7

GLOBECOM '95; Singapore, 13-17 Nov. 1995, *(IEEE; IEEE Commun. Soc.; GLOBECOM; Telecommun. Authority of Singapore; Singapore Telecom; NUS; NTU)* [New York, NY, USA: IEEE 1995] 72054 (introductory abstract), 73582, 75266–7, 75271, 75620, 76438, 76491, 76498–9, 76501, 76700–2, 76755–70, 76814–5, 76883–8, 76944, 77001–5, 77284–8, 77545–8, 77555–65, 77569, 77595–615, 77635–77, 77685, 77696–8, 77714, 77717, 77735–7, 77747, 77750, 77763–5, 77773–4, 77785–98, 77841–2, 77849, 77869–76, 77890, 77904, 77919, 77993–9, 78043–6, 78051–4, 78098–102, 78112–3, 78119–20, 78130, 78149–55, 78173–5, 78199–204, 78206–9, 78236, 78245, 78248–51, 78270, 78294, 78303, 78305–8, 78312–4, 78326, 78334, 78346–9, 78360–5, 78444–58, 78495–506, 78511–33, 78569–76, 78603, 78615–6, 78630–4, 78749–51, 78859–65, 78951–4, 79148, 79161, 79167–9, 79183–4, 79188, 86033, 86063–6, 86712–5, 87268, 87282–9, 87318–9, 87371–2, 87391, 87484–9, 87497–8, 87585–92, 87623, 87699–703, 87727–8, 87860–1, 87879, 87888, 87931, 87977, 88025, 88040, 88044–6, 88093–7, 88127, 88159–65, 88214–22, 88408, 88472–4, 88518–23, 88803, 88836

Grain growth in polycrystalline materials; Kitakyushu, Japan, 17-20 May 1995, [1996] 92830, 92950

Graphics interface '96; Toronto, Ont., Canada, 22-24 May 1996, *(Canadian Human-Comput. Commun. Soc)* [Toronto, Ont., Canada: Canadian Inf. Process Soc. 1996] 98247

Graphics recognition; University Park, PA, USA, 10-11 Aug. 1995, [Berlin, Germany: Springer Verlag 1996] 67486–91

Gross properties of nuclei and nuclear excitations; Hirschegg, Austria, 15-20 Jan. 1996, [1996] 69592, 69626–9, 69686, 69782, 69872

Growth and characterization of materials for infrared detectors; San Diego, CA, USA, 13-14 July 1995, *(SPIE)* [1995] 60400 (introductory abstract), 72330, 72830–1, 74268, 74434, 74443–5, 74543, 75390–1, 75409, 75536, 75714, 76290, 79419–23, 79430, 79734, 80143, 82589

Handwriting analysis and recognition; London, UK, 23 May 1996, *(IEE)* [London, UK: IEE 1996] 80186–7

HC '96: healthcare computing; Harrogate, UK, 18-20 March 1996, [Weybridge, UK: BJHC 1996] 86058, 86131, 86363–4, 87697, 87876, 87914, 88128, 88150, 90272, 90510–1, 90552, 90614

HDTV signal processing; Turin, Italy, 26-28 Oct. 1994, [Amsterdam, Netherlands: Elsevier 1995] 61927, 66255, 67116–29, 67884, 67911–2, 67985, 68831–3, 68860–8, 68876–94, 68908, 68920, 69424

Heavy flavour physics; Pisa, Italy, 6-10 June 1996, [June-July 1996] 119973–4, 120209–14

Heavy ion reactions and pre-equilibrium processes; Caracas, Venezuela, 4-8 Sept. 1995, [1995] 110633

Helio- and astero-seismology from the Earth and space; Los Angeles, CA, USA, 16-20 May 1994, [1995] 68946 (introductory abstract), 64830

Heterostructure technology; Cardiff, UK, 17-19 Sept. 1995, *(Eur. Comm.; Eur. Res. Office USA Army; Expitaxial Products Int.; Welsh Dev. Agency)* [Cardiff, UK: Univ. Wales Cardiff 1995] 72089 (introductory abstract)

HF communications; Faro, Sweden, 15-17 Aug. 1995, *O.Carlsson (editor/s),* [Vaxjo, Sweden: Telub AB 1995] 82094 (introductory abstract), 97096–102, 97420, 98854, 99057–71, 99149–51, 101636–42

High energy spin physics; Bloomington, IN, USA, 15-22 Sept. 1994, *(Indiana Univ.; Nat. Sci. Found.; U.S. Dept. Energy)* [1995] 103252 (introductory abstract), 114504, 114507, 119963, 119984–20006, 120090–8, 120103–18, 120231–2

High-fidelity simulation for training, test support, mission rehearsal, and civilian applications; Orlando, FL, USA, 8-9 April 1996, *(SPIE)* [1996] 117649–50, 120579, 120586–8

High performance distributed computing; Syracuse, NY, USA, 6-9 Aug. 1996, *(IEEE Comput. Soc. Tech. Committee on Distributed Process.; Northeast Parallel Architectures Center; New York State Center for Adv. Technol. Comput. Applications & Software Eng. (CASE Center) at Syracuse Univ.; Rome Lab)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 108165, 108860, 108883, 109096–111, 109172–3, 109239–44

High performance electron devices for microwave and optoelectronic applications; London, UK, 27 Nov. 1995, *(IEEE Microwave Theory & Tech. Soc.; IEEE Laser & Electro-Opt.; IEE; IOP)* [New York, NY, USA: IEEE 1995] 60345 (introductory abstract), 61656, 62251–5, 62312–5, 63096, 63135, 63300, 63523, 63545, 63607–9, 63767–8, 63803, 63903, 64731, 64890, 64926, 64965, 64991, 65188–90, 68358, 71697

High speed and long distance optical transmission; Birmingham, UK, 18 April 1996, *(IEE)* [London, UK: IEE 1996] 71989 (introductory abstract), 75448, 78704–18

High-speed computer networking technologies; Tokyo, Japan, 24 Oct. 1995, [May 1996] 72041 (introductory abstract), 78038, 78194–7, 80338

High-speed semiconductor laser sources; San Jose, CA, USA, 1-2 Feb. 1996, *(SPIE; ARPA)* [1996] 103224 (introductory abstract), 106761, 107228–38, 109605–14, 119864

High - T_c superconductivity; Iwate, Japan, 27-29 Oct. 1995, *(Soc. Non-Traditional Technol.; Iwate Prefectural Govern.; et al)* [May 1996] 112696 (introductory abstract), 115896–7

High temperature superconductivity models and measurements; Vietri sul Mare, Italy, 18-28 Oct. 1994, [Singapore: World Scientific 1996] 115904–6, 115974

High voltage engineering; Graz, Austria, 28 Aug.-1 Sept. 1995, [Graz, Austria: Inst. High Voltage Eng. 1995] 75006–10, 75014–5, 75040, 75044, 75047–53, 75372, 76328, 76352–4, 80424, 80680, 80747, 80986, 81069–71, 81091–3, 81096, 81125–30, 81145, 81165–70, 81375–7, 81526–7, 81561–2, 81608–21, 81641–2, 81921, 81993, 82049–50

HMI and AI in aerospace; Toulouse, France, 27-29 Sept. 1995, [Toulouse, France: Eur. Inst. Cognitive Sci. & Eng.-EURISCO 1995] 70380

Holographic materials; San Jose, CA, USA, 31 Jan. 1996, *(SPIE)* [1996] 103260 (introductory abstract), 95660, 96811–25

Holography and correlation optics; Chernovtsy, Ukraine, 15-19 May 1995, *(SPIE; Int. Sci. Found.; Int. Comm. Opt.; Eur. Opt. Soc.; et al)* [1995] 82073 (introductory abstract), 84949, 85165, 85179–84, 85327–8, 85339, 85443, 85548, 85672, 85742–51, 85762–6, 86900–9, 87152, 88532, 89128, 90583, 96605

Hot chips; Stanford, CA, USA, 13-15 Aug. 1995, *(Stanford Univ)* [Stanford, CA, USA: Stanford Univ. 1995] 72088 (introductory abstract)

HPCN '96: high performance computing and networking; Brussels, Belgium, 15-19 April 1996, [Berlin, Germany: Springer-Verlag 1996] 82532, 82888–9, 84292, 85853–4, 87249, 87613, 87847–8, 87870, 87892, 87971, 88709–10, 90489, 90597, 90644, 90960, 91091, 91696

Human interaction with complex systems; Dayton, OH, USA, 25-28 Aug. 1996, *(IEEE Comput. Soc.; IEEE Comput. Soc. Tech. Committee on Multimedia Comput.; North Carolina A&T State Univ.; Wright State Univ)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 110880, 111073

Human, organisational and technical challenges in the firm of the future; London, UK, 11 March 1996, *(IEE)* [London, UK: IEE 1996] 71993 (introductory abstract), 60517–21

Human vision and electronic imaging; San Jose, CA, USA, 29 Jan.-1 Feb. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 103544, 108524–45, 110290–1

HV power apparatus field modelling; London, UK, 17 Jan. 1996, *(IEE)* [London, UK: IEE 1996] 71558

Hybrid image and signal processing; Orlando, FL, USA, 8 April 1996, *(SPIE)* [1996] 112712 (introductory abstract), 117384, 117710–31, 117805–6, 119297, 119328, 119700

Hydrogen and metal hydride batteries; Miami Beach, FL, USA, 9-14 Oct. 1994, *P.D.Bennett, T.Saka (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1994] 72090 (introductory abstract), 71640–74

Hyperfine interactions; Leuven, Belgium, 28 Aug.-1 Sept. 1995, [Feb. 1996] 62701, 71713

IAS-4: intelligent autonomous systems; Karlsruhe, Germany, 27-30 March 1995, [Aug. 1996] 98170–1, 100319

IAVSD symposium on dynamics of vehicles on roads and tracks; Ann Arbor, MI, USA, 21-25 Aug. 1995, [1996] 67098, 71824–5, 71863

Iberoamerican meeting on optics; Guanajuato, Mexico, 18-22 Sept. 1995, *(SPIE; Centro Latinoamericano de Fisicia en Mexico; et al)* [1996] 103255 (introductory abstract), 107034, 107129–30, 107139, 107333, 107630–2, 108645–7, 110411, 115441, 115977, 115986, 116015–6, 116033, 116076, 116124, 116159, 116164, 116332–3, 116391, 116396, 116401, 116411, 116585, 116591, 116609, 116680, 116709, 116742–4, 116758–9, 117534–9, 117705–8, 119631, 119691–2, 119699, 119727–8, 119761, 119862–3, 119919–21, 119949, 120286, 120740

ICALP '96: automata, languages and programming; Paderborn, Germany, 8-12 July 1996, [Berlin, Germany: Springer-Verlag 1996] 117192–4, 117226, 119231

ICAME '95; Rimini, Italy, 10-16 Sept. 1995, [Feb.-March 1996] 69910

ICARCV'94: robotics and computer vision; Singapore, 9-11 Nov. 1994, *(IEE; IEEE; Defence Sci. Organ.; Econ. Dev. Board; GINTIC Inst. Manuf. Tech.; et al)* [Singapore: Nanyang Technol. Univ. 1994] 87257–62, 92160, 92164, 92283, 92294, 92369, 92422, 92614, 93229, 93591, 93595, 94039–40, 97453, 97599, 97708–10, 97763–4, 97916–48, 97981–8007, 98136–54, 98661, 99780, 99837, 99914–6, 100306–7, 100356, 101184, 101354, 101431, 101505, 101672–4, 101761, 101772–4, 101987, 102061, 102609, 102658, 102750, 102766–7, 102932, 103055–6, 108508

ICCAS '94: computer applications in shipbuilding; Bremen, Germany, 5-9 Sept. 1994, *(Bremen Vulkan Verbund; Kockums Comput. Syst)* [Malmo, Sweden: Berry Rasmussen Reklam 1994] 68972

ICCE '95: computers in education; Singapore, 5-8 Dec. 1995, [Charlottesville, VA, USA: Assoc. Advancement of Comput. Educ. 1995] 60478

ICCIM '95: computer integrated manufacturing; Singapore, 11-14 July 1995, [Singapore: World Scientific 1995] 92168–70, 92175–6, 92299, 92329, 92640, 92644–5, 94095–6, 94111, 98257, 99842, 99856, 100321, 100326

Ideas in science and electronics; Albuquerque, NM, USA, 9-11 May 1995, [New York, NY, USA: IEEE 1995] 71974 (introductory abstract), 60476, 60688, 66537, 70237, 70974

Identification in engineering systems; Swansea, UK, 27-29 March 1996, *M.I.Friswell, J.E.Mottershead (editor/s),* [Swansea, UK: Univ. Wales Swansea 1996] 92038 (introductory abstract), 92521, 92635–6, 93007, 99937, 101477, 102341, 102368, 102428

IDMS'96: interactive distributed multimedia; Berlin, Germany, 4-6 March 1996, *B.Butscher, E.Moeller, H.Pusch (editor/s),* [Berlin, Germany: Springer-Verlag 1996] 72062 (introductory abstract), 72120, 76854, 78000–1, 78131–3, 78176–84, 78210–2, 79123

idt '96: information professionals; Paris, France, 21-23 May 1996, [Paris, France: ADBS 1996] 112774–5, 118206, 118357, 118574

IIA/SOCO '96: intelligent industrial automation and soft computing; Reading, UK, 26-28 March 1996, [Millet, Alta., Canada: Int. Comput. Sci. Conventions 1996] 92319, 92499–500, 93234–5, 93265, 93638, 95106, 95113, 97952–7, 98357, 99713, 99834–5, 102137, 102142–3, 103058–9, 103101

Image analysis and interpretation; San Antonio, TX, USA, 8-9 April 1996, [New York, NY, USA: IEEE 1996] 72064 (introductory abstract), 72999, 73849, 77006, 77419–46, 79000, 80341–3, 80469, 80577, 80606–10, 80652, 81131

Image and video processing IV; San Jose, CA, USA, 1-2 Feb. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 66654, 66980–7000, 69386, 69970–1, 70542

Image display; Newport Beach, CA, USA, 11-13 Feb. 1996, *(SPIE)* [1996] 103229 (introductory abstract)

Image management and communication; Oahu Island, HI, USA, 20-24 Aug. 1995, *(Div. Imaging Sci. & Inf. Syst.(ISIS) Center; Dept. Radiology, Georgetown Univ. Med. Center)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 112687 (introductory abstract), 108733, 109178, 110647, 110667–9, 110805–21, 110920, 111015–22

Image perception; Newport Beach, CA, USA, 14 Feb. 1996, *(SPIE)* [1996] 103227 (introductory abstract)

Image understanding; Monterey, CA, USA, 13-16 Nov. 1994, *(Advanced Res. Projects Agency)* [San Francisco, CA, USA: Morgan Kaufmann Publishers 1994] 60414 (introductory abstract), 67466–85, 70551–2, 72579, 77132–55, 77158–82, 77303–32, 80185, 80722

IMC'96: information visualisation and mobile computing; Rostock, Germany, 26-27 Feb. 1996, [Rostock, Germany: Computer Graphics Center 1996] 72060 (introductory abstract), 77524, 77914, 78092–7, 78234–5, 78563–8

Indium phosphide and related materials; Schwabisch-Gmund, Germany, 21-25 April 1996, *(Inf. Technol. Soc. VDE (ITG); IEEE Lasers & Elctro-Opt. Soc.; IEEE Electron Devices Soc.; AIXTRON; Alcatel; Bosch Telecom; Daimler Banz; EOARD; Epichem; Siemens; STS; Thomas Swan; Eur. Commission DG XIII)* [New York, NY, USA: IEEE 1996] 103220 (introductory abstract), 92676–82, 92777–84, 92946, 93215, 93534, 93851–3, 93935–8, 94369–71, 94490, 94556–8, 94727, 94808–11, 94942–3, 95076–7, 95210, 95775–7, 95835–7, 95941, 96005, 96067–72, 96420–32, 99596–9, 100042–8, 103032, 103842–4, 103888–911, 103996, 104355, 104825–6, 104830–6, 104841–2, 104866, 105143–50, 105173–4, 105236–7, 105335–42, 105374–5, 105445–6, 105449, 105494, 105525, 105557–9, 105611–6, 105633, 105853, 105905, 105971, 106058–61, 106071–6, 106083, 106182, 106739, 106821, 106857, 106967, 106994, 107022–3, 107025–6, 107260–5, 107272–83, 107318, 109314, 109629–30, 110154

Industrial and business application of high-performance computing; Zurich, Switzerland, 21-22 Sept. 1995, [Dec. 1995] 69944

Industrial and commercial power systems; New Orleans, LA, USA, 6-9 May 1996, *(IEEE Ind. Appl. Soc.; IEEE Ind. & Commercial Power Syst. Dept.; IEEE New Orleans Sect)* [New York, NY, USA: IEEE 1996] 72069 (introductory abstract), 72201, 80805, 80951–2, 80977, 80983–4, 81062–4, 81152–4, 81186–7, 81534, 81586, 81627–8, 82022–3

Industrial and engineering applications of AI and expert systems; Austin, TX, USA, 31 May-3 June 1994, [Yverdon les Bains, Switzerland: Gordon & Breach 1994] 60876, 62102, 67393–4, 67685, 70412, 70616, 70929, 71010, 71601

Industrial electronics; Athens, Greece, 10-14 July 1995, *(IEEE Ind. Electron. Soc.; Soc. Instrum. & Control Eng. Japan; EPRI; Natl. Tech. Univ. Athens; Inst. Commun. & Comput. Syst., Greece)* [New York, NY, USA: IEEE 1995] 60359 (introductory abstract), 60526, 60548, 60568, 61552, 61575, 61627–9, 61728–9, 62011, 62048, 62086, 63988, 64038, 66578–9, 66741–2, 67144–56, 67722, 67757–65, 68045, 68424, 68923, 68932, 69014, 69074–5, 69493, 69525, 69549–50, 70690–2, 70811, 70860, 71034, 71274–8, 71304–7, 71336–7, 71478–80, 71497–518, 71564, 71731–3, 71770–89, 71826–33, 71864–5, 71907, 71923, 71947–8, 71952

Industrial lasers and laser applications '95; Shantura, Russia, 24-26 June 1995, *(SPIE; Industrogradnja Co.; Adriainj Co.; AO HGS; MAKB Vozrozhdenie)* [1996] 103223 (introductory abstract), 104228–30, 106748, 106889, 106920, 107043–6, 107080–93, 107146, 107207–8, 107298, 107417–9, 107665–74, 110112, 110361–2, 110379

INFOCOM; San Francisco, CA, USA, 26-28 March 1996, [Aug. 1996] 98363, 98400–4, 98497–8, 98519, 98596, 98773–5, 98982, 99381

Infocom '94: wireless computer communication; Bombay, India, 15-17 Dec. 1994, *(United Nations Dev. Programme; UNESCO; et al) N.Seshagiri, A.Akopov (editor/s),* [New Delhi, India: Tata McGraw-Hill 1995] 112683 (introductory abstract), 108181, 108811, 108866, 108930, 109131–7, 109186, 109250, 109267, 109469–72, 109601–3, 109838

INFOCOM '96; San Francisco, CA, USA, 24-28 March 1996, *(IEEE Comput. Soc.; IEEE Commun. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 82091 (introductory abstract), 87271, 87302–17, 87323–7, 87333–63, 87392–8, 87403, 87435–8, 87458–70, 87494–6, 87504–9, 87594–7, 87604–8, 87719–26, 87749, 87787–807, 87866–7, 87929–30, 87950–6, 87998, 88028–31, 88054, 88108–9, 88203–7, 88228–30, 88271–9, 88514–7, 88526–8, 88581–2, 88828, 88854, 88862

Information management and data compression; Greenbelt, MD, USA, 26-27 Sept. 1994, *(NASA; IEEE)* [Linthicum Hights, MD, USA: NASA 1994] 66625, 66951, 70434–9

Information protection and network security; Philadelphia, PA, USA, 24-26 Oct. 1995, *(SPIE)* [1996] 66270–3

Information security; London, UK, 27 June 1996, *(IEE)* [London, UK: IEE 1996] 87752

Information theory; Whistler, BC, Canada, 17-22 Sept. 1995, *(Inf. Theory Soc. IEEE)* [New York, NY, USA: IEEE 1995] 60820–1, 62092, 64395–7, 65869–70, 65883, 66186–202, 66208–36, 66243–5, 66251–4, 66296–373, 66400–96, 66564–7, 66575, 66626–43, 66724–37, 66952–6, 67099–111, 67494–5, 67501–6, 67517, 67521–2, 67544–51, 67554–7, 67716, 67958, 68035–40, 68042–3, 68095–101, 68125–8, 68388–93, 68540, 68546, 68710

Information theory and the brain; Stirling, UK, 4-5 Sept. 1995, [May 1996] 76728, 77242–6

INFORSID: organisational informatics and information and decision systems; Bordeaux, France, 4-7 June 1996, [Toulouse, France: Inf. Organ. & Syst. Inf. Decision INFORSID 1996] 118407

Infrared technology; San Diego, CA, USA, 9-13 July 1995, *(SPIE)* [1995] 60638–9, 62735, 63568, 63784, 64599, 64935, 65076, 67188–90, 67333–4, 68706, 69008, 69010, 69149–56, 69177–80, 69260–77, 69294–317, 69368, 70318, 70343, 70483, 70509, 70534, 70544–6, 70571–2, 70576–80, 70584, 70618

Infrastructure for collaborative enterprises; Berkeley Springs, WV, USA, 20-22 April 1995, *(IEEE Comput. Soc.; ACM SIGOIS)* [July 1996] 87667, 87872

Instrument calibration contribution to product quality; London, UK, 25 April 1996, *(IEE)* [London, UK: IEE 1996] 71991 (introductory abstract), 68964–7, 79213–5, 79602

Instrumentation and measurement technology; Brussels, Belgium, 4-6 June 1996, *(IEEE Instrum. & Meas. Soc.; IMEKO Tech. Committee 7; Vrije Univ. Brussel, Dept. ELEC)* [New York, NY, USA: IEEE 1996] 103221 (introductory abstract), 104224, 104250, 104284, 104356, 104395, 104586, 104623, 104629, 104675, 104708, 104916, 105087, 106148, 106158, 106767, 106809, 107408, 108268–71, 108284, 108348–51, 108388–93, 108459–61, 108507, 108590–3, 109042, 109281, 109324, 109398, 109692, 109799–800, 109814, 109967–8, 109971–8, 109982, 109984, 109989–97, 110005, 110012–3, 110023–30, 110034, 110039, 110052–7, 110061–9, 110071–6, 110089–90, 110107–10, 110121–7, 110140–5, 110155, 110166, 110193–6, 110215–6, 110275, 110277–8, 110280, 110314, 110316–8, 110331–3, 110347–9, 110355–6, 110366–8, 110377, 110386, 110395, 110421–2, 110434, 110436–41, 110449–51, 110458–60, 110463, 110466–9, 110489, 110659, 110691, 110737, 110860, 111150, 111173, 111250, 111381, 111399, 111461, 111524, 111537, 111696–700, 111913, 111940–2, 111999, 112075, 112454, 112472, 112535, 112978–80, 113010, 113052, 113590, 113643, 113699, 113811, 114010, 114036–40, 115233, 117041, 117413–4, 119303, 119321, 119514–5, 119535–9, 119553–7, 119567, 119569–70, 119576–7, 119579, 119584–6, 119599–604, 119648–54, 119677, 119752, 119850–4, 119857, 119861, 119942, 120274, 120374–6, 120439–40, 120745, 121257, 121926

Instrumentation/measurement technology; Waltham, MA, USA, 24-26 April 1995, *(IEEE Instrum. & Meas. Soc.; IEEE Boston Sect)* [April 1996] 60562, 61659, 61688, 62389–90, 65586, 66672–7, 68379, 68947, 68977–8, 69012–3, 69055–7, 69431–2, 70119, 70529, 70911, 71003, 71350, 71484, 71942

Integrated optics and microstructures III; San Jose, CA, USA, 29 Jan. 1996, *(SPIE)* [1996] 103210 (introductory abstract), 94731, 95706–10, 95778–82, 95922, 95980, 96045, 100051–2, 100154

Integrated reliability workshop; Lake Tahoe, CA, USA, 22-25 Oct. 1995, *(IEEE Electron Devices Soc.; IEEE Reliability Soc)* [New York, NY, USA: IEEE 1995] 71986 (introductory abstract), 60584–5, 60727–33, 61913–6, 63178–80, 63267, 63416, 63485–6, 63521, 63756, 63874–6, 63913, 63948–51, 63970–1, 64060–2

Integrating technology into computer science education; Barcelona, Spain, 2-6 June 1996, *(ACM)* [1996] 103337–8, 109249, 109890, 112768

Intelligent information management systems; Washington, DC, USA, 1-3 June 1994, *(ISMM)* [Anaheim, CA, USA: ISSM-ACTA Press 1994] 108936, 109026–9, 109184

Intelligent motion systems; Long Beach, CA, USA, 9-15 Sept. 1995, [Ventura, CA, USA: Intertec Int. 1995] 82939–47, 83013–4, 83568, 84425, 91471, 91507–8, 91544, 91578–9, 91643–4, 91793–5, 91981

Intelligent networks; Lyngby, Denmark, 30-31 Aug. 1995, *(IFIP) J.Norgaard, V.B.Iversen (editor/s),* [London, UK: Chapman & Hall 1996] 92043 (introductory abstract), 98546, 98557, 98584–6, 98796, 98823–35, 98881–2, 98888

Intelligent robots and systems; Munich, Germany, 12-16 Sept. 1994, *(Gesellschaft fur Inf.; Ind. Eletron. Soc. IEEE; New Technol. Found.; Robotics & Automation Soc. IEEE; Robotics Soc. Japan; Soc. Instrum. & Control Eng.; Univ. Bundeswehr Munchen; Inst. Tech. Intelligenter Syst.; VDE/VDI Gesellschaft fur Mikroelektron.; VDI/VDE Gesellschaft fur Mess-und Automatisierungstech)* [April 1996] 77095–8, 78662

Intelligent systems, SPICIS '94; Singapore, 14-17 Nov. 1994, *(Nat. Comput. Board)* [Singapore: Japan-Singapore AI Centre 1994] 77908, 77934, 78385, 79142, 79179, 79189, 80814

Intelligent transport; Paris, France, 30 Nov.-3 Dec. 1994, [London, UK: Artech House 1995] 92047, 93765, 95849, 97176, 98099, 98130–5, 98188, 98460, 98556, 98609, 98631, 98797, 98904–5, 99092, 99112–4, 99245–7, 99290–1, 99315–26, 99344, 99420–5, 99428–9, 99497, 99503–4, 99528, 99688, 99690, 99725–33, 99873, 100107, 100109, 100209, 100314–5, 100325, 100338, 101378, 103143, 103153

Interact '95: human-computer interaction; Lillehammer, Norway, 27-29 June 1995, [London, UK: Chapman & Hall 1995] 118202, 118307, 118539, 118641

Intercalation compounds; Vancouver, BC, Canada, 28 May-1 June 1995, [June-Aug. 1996] 81717

Interface '95: computing science and statistics; Pittsburgh, PA, USA, 21-24 June 1995, *(NSF; Nat. Security Agency; Environ. Protection Agency)* [Fairfax Station, VA, USA: Interface Found. North America 1995] 112977, 113071, 115270, 115315–6, 117606, 119529, 120312

Interfaces - the leading edge; Dundee, UK, 3 April 1996, *(IEE)* [London, UK: IEE 1996] 67696, 70325

Intergranular and interphase boundaries in materials; Lisboa, Portugal, 26-29 June 1995, [1996] 94222–5, 94327, 94384, 94430, 94462, 94501, 94817–8

INTERMAG '96; Seattle, WA, USA, 9-12 April 1996, *(Magn. Soc. IEEE)* [New York, NY, USA: IEEE 1996] 112749 (introductory abstract), 113314, 113359, 113378, 113444, 113468–70, 113488, 113507, 113596, 113812, 114338, 114350, 114541, 115468, 115470–8, 115485, 115489–538, 115542–84, 115588, 115591–3, 115595–7, 115599–607, 115610–20, 115622–52, 115655–98, 115704–805,

115807–35, 115839–41, 115844–7, 115850–1, 115853, 115862, 115866–9, 115872–80, 115903, 116003, 116097, 116143–6, 116816–25, 116828, 116938, 117183, 117199–201, 117395–6, 119658, 119841–2, 119868, 121462–3, 121489, 121528, 121550

Intermetallics, superalloys to quasicrystals; CE Saclay, France, 20-22 June 1995, [March 1996] 83814–5

International Field Emission Society symposium; Madison, WI, USA, 7-11 Aug. 1995, [March 1996] 72039 (introductory abstract), 73962–73, 74086, 79351, 79562–3, 80576

Intersections between particle and nuclear physics; St. Petersburg, FL, USA, 31 May-6 June 1994, *(Argonne Nat. Lab.; Brookhaven Nat. Lab.; CEBAF; Fermi Nat. Accel. Lab.; et al)* [1995] 110472–4, 110527–9, 110570–1, 110583–7, 110589, 110612, 110619–20

Invariant methods in discrete and computational geometry; Curacao, Netherlands Antilles, 13-17 June 1994, [Dordrecht, Netherlands: Kluwer Academic Publishers 1995] 103538

Iodine lasers and applications; Trest' Castle, Czech Republic, 18-22 Sept. 1995, *(SPIE; Acad. Sci. Czech Republic)* [1996] 112693 (introductory abstract), 116308–26, 116659–60, 120099

IPCO '96: integer programming and combinatorial optimisation; Vancouver, BC, Canada, 3-5 June 1996, *(Math. Programming Soc)* [Berlin, Germany: Springer-Verlag 1996] 113129–30, 113167–75

IPPS '96: parallel processing; Honolulu, HI, USA, 15-19 April 1996, *(IEEE Comput. Tech. Committee on Parallel Process.; ACM SIGARCH)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 72631, 73078, 73420, 76946–7, 77289–90, 77617–8, 77775, 78002–6, 80637

ISAT '95: information systems architecture and technology; Wroclaw, Poland, 1995, [Wroclaw, Poland: Oficyna Wydawnicza Politech. Wroclawskiej 1995] 108884, 109112–4

ISLIP '95: intensional programming; Sydney, NSW, Australia, 3-5 May 1995, [Singapore: World Scientific 1996] 108347, 109095

ISMCR '95: measurement and control in robotics; Smolenice Castle, Slovakia, 12-16 June 1995, *(IMEKO Tech. Committee on Robotics; Slovak Tech. Univ.; Slovak Acad. Sci.; Slovak Meteorol. Soc) V.Chundy, E.Kurekova (editor/s),* [Bratislava, Slovakia: Slovak Tech. Univ. 1995] 92030 (introductory abstract), 97949–50, 99813–4, 99903–13, 100101–2, 100305, 100339, 101607, 102748–9, 103057, 112998, 120475–7

IT for growth and prosperity; Calcutta, India, 21-24 Nov. 1994, [New Delhi, India: Tata McGraw-Hill 1994] 61571–2, 66556–7, 67854–6, 70754

Italian Liquid Crystal Society meeting; Amalfi, Italy, June 1994, [1995] 75540, 75613–4

ITEP Winter school of physics; Moscow, Russia, 1995, [1996] 69850

Iterative methods for linear equations; Atlanta, GA, USA, 11-15 July 1994, [March 1996] 72574–5, 72661–2

JEG-GI '96: geographical information; Barcelona, Spain, 27-29 March 1996, [Amsterdam, Netherlands: IOS Press 1996] 77418, 78050, 78205, 78629, 80542, 80605, 80953

Josephson junction arrays; Trieste, Italy, 7-11 Aug. 1995, [June 1996] 92016 (introductory abstract), 95462–76

Knowledge-based software engineering; Syracuse, NY, USA, 25-28 Sept. 1996, *(Rome Lab., USAF; AAAI; ACM SIGART & SIGSOFT; IEEE Comput. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 121273

KoREMA 40; Zagreb, Croatia, 19-21 April 1995, [Zagreb, Croatia: KoREMA 1995] 103245 (introductory abstract)

Language theory; Magdeburg, Germany, 17-21 July 1995, [Singapore: World Scientific 1996] 108147

Laser ablation; Strasbourg, France, 22-26 May 1995, *(Council of Eur.; Comm. Eur. Communities)* [April 1996] 92772–3, 92831–3, 92862–8, 92913–29, 92967, 94103, 94183, 94359, 94378, 94625, 94665, 94785–7, 94795–7, 95226, 95358, 95449, 95640, 96595, 96863, 100166, 101220

Laser diode chip and packaging technology; Philadelphia, PA, USA, 25-26 Oct. 1995, *(SPIE)* [1996] 72025 (introductory abstract), 72292–8, 75537–9, 75656, 75728, 75987–95, 76292, 78834–5, 79735

Laser diodes and applications; San Jose, CA, USA, 29-31 Jan. 1996, *(SPIE)* [1996] 82101 (introductory abstract), 92179, 96161, 96241–63, 96848–9, 100053–6, 101414

Laser-Induced Damage in Optical Materials; Boulder, CO, USA, 30 Oct.-1 Nov. 1995, *(SPIE; Lawrence Livermore Nat. Lab)* [1996] 103233 (introductory abstract), 106749–51, 106759, 106786–7, 106921–5, 106930, 107094, 107334, 107422, 107433–4, 107447–67, 107471–83, 107626, 107675, 107688, 110391, 110407

Laser-inflicted eye injuries: epidemiology, prevention and treatment; San Jose, CA, USA, 29-30 Jan. 1996, *(SPIE)* [1996] 103256 (introductory abstract)

Laser physics; Volga River Tour, Russia, 4-9 Aug. 1995, [Jan.-Feb. 1996] 65426–9

Laser processing: surface treatment and film deposition; Sesimbra, Portugal, 3-16 July 1994, *(NATO)* [Dordrecht, Netherlands: Kluwer Academic Publishers 1996] 113505, 114448, 115114, 116100, 116597, 116608, 116792–5

Laser spectroscopy; Capri, Italy, 11-16 June 1995, *(Univ. Firenze; Univ. Napoli; Univ. Pisa; Eur. Lab. Nonlinear Spectrosc.; et al)* [Singapore: World Scientific 1996] 85229, 85352, 95896, 96093–4, 96112, 96115–6, 96168, 96185, 96210–1, 96271–2, 96321, 96395, 96442, 96719–21, 97961, 99822, 101429, 101579

Laser techniques for vibration measurement; Ancona, Italy, Oct. 1994, [Oct.-Nov. 1996] 72078 (introductory abstract), 76272–4, 79688, 79720–1, 79728, 80199

Laser-tissue interaction; San Jose, CA, USA, 29 Jan.-1 Feb. 1996, *(SPIE)* [1996] 112658 (introductory abstract)

Laser-tissue interaction and tissue optics; Barcelona, Spain, 12-16 Sept. 1995, *(SPIE; Eur. Laser Assoc.; Soc. Espanola de Laser Med. Quirurgico; et al)* [1996] 60376 (introductory abstract)

Lasers and electro-optics; Anaheim, CA, USA, 2-7 June 1996, *(Opt. Soc. America; IEEE/Lasers and Electro-Opt. Soc.; Quantum Electron. Div. Eur. Phys. Soc.; Japanese Quantum Electron. Joint Group)* [Washington, DC, USA: Opt. Soc. America 1996] 112670 (introductory abstract), 60533, 60586, 60620, 61184, 61210–2, 62280, 62851, 62904–6, 63003, 63189, 63326, 63836, 64593, 64596, 64602–4, 64622–4, 64661–3, 64717–20, 64732, 64738–9, 64782, 64785–6, 64794, 64803, 64842, 64850, 64863, 64872–5, 64885–8, 64891, 64916, 64934, 64966, 64973, 64978–9, 64983, 64992–3, 64996–7, 65018–22, 65070–5, 65082, 65097–8, 65136–48, 65165–9, 65191–206, 65238–63, 65290–2, 65310–31, 65387, 65389, 65392, 65394, 65402–3, 65446–52, 65480–2, 65502, 65516–7, 65557, 65562–3, 65591–3, 65931, 65968, 66147, 66530, 67115, 67219, 68041, 68359, 68394–422, 68438–49, 68907, 69096–8, 69222, 69229, 69364–6, 69426, 69468, 69526, 69531, 69536, 70078, 70532–3, 70536, 70560, 71850, 114797, 115115, 116008, 116013, 116062, 116116, 116278, 116294, 116413–4, 116444–7, 116460–5, 116524–33, 116562–7, 116702–8, 116783–5, 119233–41, 119251–7, 119678, 119803, 119821, 120382, 120405–9, 120511, 120881

Lasers and quantum optics; Palaiseau, France, 6-8 Nov. 1995, [Oct.-Dec. 1995] 72076 (introductory abstract), 72272–3, 72825, 75396–7, 75693, 75782, 75898–904, 76014–5, 76083–4, 76093, 76098, 76197–213, 76320, 79224, 79504, 79741, 79758

Lasers as tools for manufacturing of durable goods and microelectronics; San Jose, CA, USA, 29 Jan.-2 Feb. 1996, *(SPIE)* [1996] 103268 (introductory abstract), 103430, 103478–80, 104101–4, 104939, 105104, 105327, 105553–4, 105618–9, 105752, 106252, 106479, 106738, 106822–3, 107072–3, 107268, 107358–9, 107431–2, 107531, 107637–61, 111025

Lasers in dentistry; San Jose, CA, USA, 28-29 Jan. 1996, *(SPIE)* [1996] 103259 (introductory abstract)

Lasers in medicine; Warsaw-Zegrze, Poland, 27-29 April 1995, *(SPIE; Inst. Optoelectron, Warsaw; et al)* [1996] 112657 (introductory abstract)

Lasers in ophthalmology; Barcelona, Spain, 13 Sept. 1995, *(SPIE; Eur. Laser Assoc.; Soc. Espanola de Laser Med. Quirurgico; et al)* [1996] 60378 (introductory abstract)

Lasers in surgery: advanced characterization, therapeutics, and systems; San Jose, CA, USA, 27-30 Jan. 1996, *(SPIE)* [1996] 103266 (introductory abstract)

Lattice field theory; Melbourne, Vic., Australia, 11-15 July 1995, [March 1996] 86211

Lattice path combinatorics and applications; Delhi, India, 12-14 Jan. 1994, [2 Sept. 1996] 103279 (introductory abstract), 92375–6, 92378, 92440–2, 92485

Linear algebra; Toulouse, France, 17-20 Oct. 1995, [Sept. 1996] 103275 (introductory abstract), 103717–8, 103748–56, 103761

Liquid crystal; Budapest, Hungary, 3-8 July 1994, [1995] 85133–5, 95281, 95833, 95845–7, 95859–62, 95867–81, 100084, 100244–7, 100391, 106869, 106877–8, 116077, 116135

Liquid crystal materials, devices and applications IV; San Jose, CA, USA, 31 Jan.-1 Feb. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 92013 (introductory abstract), 92302, 95275, 95659, 95851–8, 95972, 96808–10, 100212–6, 100323

Logic in computer science; New Brunswick, NJ, USA, 27-30 July 1996, *(IEEE Comput. Soc. Tech. Committee on Math. Found. Comput.; ACM Special Interest Group on Automata & Comput. Theory; Assoc. Symbolic Logic; Eur. Assoc. Theoret. Comput. Sci)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 103572, 103631, 108833

Logic programming '94; Ithaca, NY, USA, 13-17 Nov. 1994, [Cambridge, MA, USA: MIT Press 1994] 108252

Long wavelength infrared detectors and arrays; Miami Beach, FL, USA, 9-14 Oct. 1994, *(Electrochem. Soc)* [Pennington, NJ, USA: Electrochem. Soc. 1995] 61144, 61242, 69159–74, 69289–90

Low power digital systems; Atlanta, GA, USA, May 1996, *R.K.Cavin,III, W.Liu (editor/s),* [New York, NY, USA: IEEE 1996] 112668 (introductory abstract)

Low temperature electronics; Leuven, Belgium, 26-28 June 1996, [April 1996] 92017 (introductory abstract), 93944, 94228–31, 94434, 94610, 94919–22, 94974–86, 95046–9, 95083, 95180–1, 95441, 95477–92, 95986, 96296, 99922, 99995–6, 100921, 101555

MAAMAW '94: modelling software agents; Odense, Denmark, 3-5 Aug. 1994, [Berlin, Germany: Springer-Verlag 1996] 67157, 70706–7

Machine vision applications in industrial inspection IV; San Jose, CA, USA, 31 Jan.-1 Feb. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 72082 (introductory abstract), 61444, 62472–3, 62507, 67339–50

Machines and drives for electric and hybrid vehicles; London, UK, 28 June 1996, *(IEE)* [London, UK: IEE 1996] 82067 (introductory abstract), 91870–7

Magnet technology; Tampere, Finland, 11-16 June 1995, [July 1996] 92014 (introductory abstract), 84927, 89625–9, 90032–63, 90186–91, 90242, 91185–6, 92689, 92982, 94155, 95381, 95395–431, 95436–9, 95511–71, 95579–98, 95615–9, 96870, 96938, 96940, 96967–97, 97004, 97155, 100267, 100281, 100403, 100439–45, 100643–7, 100999, 101415, 102053–4, 102172–7, 102179–80, 102263–4, 102524, 102600–6, 102651–2, 102731, 102773–4, 102820, 103039–44, 103097–9, 103170

Magnetic recording media; Oxford, UK, 16-19 July 1995, [March 1996] 103277 (introductory abstract), 104159–60, 106482–502, 106511–50, 106557–72, 106578–92, 106604–15, 106887

Magnetism; Kosice, Slovakia, 28-30 Aug. 1995, [April 1996] 62371

Magnetism and magnetic materials; Philadelphia, PA, USA, 6-9 Nov. 1996, *(AIP; Magnetics Soc. IEEE; et al)* [15 April 1996] 60336 (introductory abstract), 61196–8, 61275, 61355–8, 62806, 63693, 64179–82, 64184, 64188, 64190–1, 64209–33, 64237–72, 64284–98, 64302–27, 64330–1, 64333, 64335–41, 64349–74, 64376–80, 64383–4, 64421–30, 64433–9, 64446–56, 64463, 64472–4, 64480–4, 64488, 64491, 64575, 65699, 65709, 65915, 69062, 69103–4, 69451, 69453–4, 70054–5, 71371–3, 71910, 72879, 72942, 72954, 73637, 74329, 75072–5, 75080–7, 75093–124, 75131–45, 75149–52, 75154–63, 75165–78, 75180–94, 75197–211, 75220–37, 75240–59, 75279, 75285–6, 75288–90, 75300–1, 75406, 79313, 79642, 79655, 84764–70, 84773–89, 84798–802, 84812–4, 84820–1, 84837, 84844–8, 84852–4, 89467

Making money on the internet; Austin, TX, USA, 8-10 May 1994, [1996] 98723

Management of data; Montreal, Que., Canada, 4-6 June 1996, *(ACM)* [June 1996] 87654

Manufacturing design; London, UK, 3 June 1996, *(IEE)* [London, UK: IEE 1996] 72019 (introductory abstract), 72204

Materials and process challenges; Anaheim, CA, USA, 24-28 March 1996, *G.Schmitt, J.Bauer, C.J.Magurany, C.Hurely, H.Kliger (editor/s),* [Covina, CA, USA: Soc. Adv. Mater. & Control Eng. 1996] 71982 (introductory abstract)

Materials characterization technologies; Albuquerque, NM, USA, 23-24 July 1995, [Materials Park, OH, USA: ASM Int. 1996] 104247

Materials for fire risk areas; London, UK, 28 May 1996, *(IEE)* [London, UK: IEE 1996] 72015 (introductory abstract), 73836–7, 81249, 81963

Materials for optoelectronics; Sheffield, UK, 22-23 Aug. 1995, [July 1996] 112724 (introductory abstract), 113407, 114609, 115985, 116229–31, 116254, 116506, 119674, 119724, 121889

Materials reliability in microelectronics; San Francisco, CA, USA, 17-21 April 1995, [Pittsburgh, PA, USA: Mater. Res. Soc. 1995] 63426

Mathematical methods in biomedical image analysis; San Francisco, CA, USA, 21-22 June 1996, *(IEEE Comput. Soc. Tech. Committee on Pattern Analysis & Mach. Intelligence; SIAM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 103249 (introductory abstract), 108509–10, 110701–17, 110744–58

Mathematical statistics; Smolenice, Slovakia, 30 May-3 June 1994, [1996] 103272 (introductory abstract), 92381–406, 92434–6, 92483, 92532, 92601–2, 101516

Mathematics and control in smart structures; San Diego, CA, USA, 26-29 Feb. 1996, *(SPIE; ASME; Soc. Exp. Mech.; U.S. Army Res. Office; ARPA; Boeing Defense & Space Group)* [1996] 103271 (introductory abstract), 92975–9, 95276–7, 95311, 95387, 99944, 101651, 102930, 104185–95, 106324–6, 106385–6

Measurement and modeling of computer systems; Philadelphia, PA, USA, 23-26 May 1996, [May 1996] 77593, 77731–3, 77982, 78167–9

Mechanical aspects of hard disk drive technology; Singapore, 29 Nov.-1 Dec. 1995, [May 1996] 60334 (introductory abstract), 60590, 63977–8, 64398–417, 69490, 71362–3, 71764

Mechanics and mechanisms of solid-solid phase transformations; La Bresse, France, 16-19 May 1995, *(Minist. l'Enseignement Superieur et de la Res.; Centre Nat. Res. Sci. et al)* [Jan. 1996] 121352

Mechanics and physics of layered and graded materials; Davos, Switzerland, 21-25 Aug. 1995, [May 1996] 61438

Mechatronics; Budapest, Hungary, 21-23 Sept. 1994, [Southampton, UK: Comput. Mech. Publications 1994] 68357

Mechatronics/supercomputing in transportation; Aachen, Germany, 31 Oct.-4 Nov. 1994, *(Ente per le Nuove Technol., L'Energia e L'Ambiente)* [Croydon, UK: Automotive Automat. 1994] 82571, 82786, 84599, 84668, 87226, 88305, 89057, 89508, 91583–4, 91701, 91820, 91925–8, 103140

Medical and fiber optic sensors and delivery systems; Barcelona, Spain, 12-13 Sept. 1995, *(SPIE; Eur. Laser Assoc.; Soc. Espanola de Laser Med. Quirurgico; et al)* [1996] 60374 (introductory abstract)

Medical applications of lasers; Barcelona, Spain, 12-16 Sept. 1995, *(SPIE; Eur. Laser Assoc.; Soc. Espanola de Laser Med. Quirurgico; et al)* [1996] 60375 (introductory abstract)

Meeting of American Association of Physicists in Medicine; Philadelphia, PA, USA, 21-25 July 1995, [June 1996] 82081 (introductory abstract)

Meeting of the Acoustical Society of America; Indianapolis, IN, USA, 13-17 May 1996, [April 1996] 60335 (introductory abstract)

MELECON '96: electrotechnical conference; Bari, Italy, 13-16 May 1996, *(IEEE Region8; IEEE Central & South Italy Sect.; DEE Dept. Electrotech. Electron., Politecnico di Bari; AEI Sezione Pugliese; ENEL S.p.A.; Telecom Italia S.p.A.; ACIEL-Puglia) M.de Sario, B.Maione, P.Pugliese, M.Savino (editor/s),* [New York, NY, USA: IEEE 1996] 112734 (introductory abstract), 112735, 112871, 113239, 113266, 113636, 113696–7, 113711, 113925–8, 114006, 114044, 114055–6, 114122, 114149–50, 114158, 114179–80, 114193, 114241–2, 114299–300, 115173, 115256, 115312–3, 115857, 116063, 116090, 116122–3, 116150, 116561, 116568, 116875–8, 116928, 116993–5, 116998, 117102–3, 117263, 117863–4, 117880–4, 117994, 118001–4, 118157–8, 118177, 118203, 118492, 118505–7, 118525, 118808, 119065–9, 119075–6, 119127, 119250, 119258–60, 119305–7, 119589, 120410, 120469, 120983–4, 120992–3, 121049–51, 121059–60, 121074, 121078–9, 121149, 121230, 121495, 121740, 121831, 121982–5, 122010, 122080

Metal-forming related environmental issues; Tsukuba, Japan, May 1993, [27 May 1996] 103274 (introductory abstract)

Metallic multilayers; Cambridge, UK, 11-14 Sept. 1995, *(Toshiba Res. & Dev. Centre; Hitachi Central Res. Lab.; Nippon Steel; et al)* [April 1996] 94515–6, 94574, 95348–50, 95363–4, 95497

Metallography and characterization of materials and microelectronic components; Albuquerque, NM, USA, 23-26 July 1995, *D.W.Stevens, E.A.Clark, D.C.Zipperian, E.D.Albrecht (editor/s),* [Materials Park, OH, USA: ASM Int. 1996] 82063 (introductory abstract), 92195–7, 92281–2, 92320, 92947–9, 92951, 92958, 92969, 93986, 94038, 94739, 95108–10, 95432, 102972

Metallurgy and technology of titanium alloys; Tokyo, Japan, 25-28 Sept. 1995, *(Japan Chapter of SAMPE; Air Force Office of Sci. Res.; et al)* [15 Aug. 1996] 112697 (introductory abstract), 113508–28, 120522, 120638–40

Meterials for nonlinear optics; Val Thorens, France, 14-18 Jan. 1996, *(CNRS; Commissariat a l'Energie Atomic; et al)* [Sept. 1996] 112676 (introductory abstract), 115979–82, 115995, 116068, 116104, 116129, 116156, 116642–9, 116752

Metering and tariffs energy supply; Brighton, UK, 3-5 July 1996, [London, UK: IEE 1996] 82099 (introductory abstract), 100175, 101771, 101797–805, 101992, 102060, 102070–2, 102281–3, 102291–319, 102791, 103167, 103204

Metrology, inspection, and process control for microlithography; Santa Clara, CA, USA, 11-13 March 1996, *(SPIE; Semicond. Equipment & Mater. Int.; SEMATECH)* [1996] 112660 (introductory abstract), 112982–93, 113049–50, 114991, 115048–94, 115279–81, 115317, 115327, 115699, 119519, 119797

MHVR '94: multimedia, hypermedia and virtual reality; Moscow, Russia, 14-16 Sept. 1994, [Berlin, Germany: Springer-Verlag 1996] 66559, 67857, 67889, 67932–3

Micro electro mechanical systems; San Diego, CA, USA, 11-15 Feb. 1996, *(IEEE Robotics & Autom. Soc)* [New York, NY, USA: IEEE 1996] 60416 (introductory abstract), 74119, 74492, 74644, 74884–99, 74931–70, 75034, 75060, 75260, 75332, 75592, 76355–6, 79328, 79356–61, 79540, 79572, 79725, 80188–9, 80425–7, 80558, 81494, 81496–8

Micro machine and human science; Nagoya, Japan, 4-6 Oct. 1995, *(IEEE Ind. Electron. Soc.; IEEE Robotics Autom. Soc.; City of Nagoya; Chuba Ind. Adv. Center; Nagoya Univ)* [New York, NY, USA: IEEE 1995] 71980 (introductory abstract), 64009–21, 64174, 64465, 69115, 69931–2, 70185–9, 70241–2, 71374–5, 71612

Microelectronic structures and microelectromechanical devices for optical processing and multimedia; Austin, TX, USA, 24 Oct. 1995, *(SPIE; Semicond. Equip. & Mater. Int.; NIST)* [1995] 72004 (introductory abstract), 74054–5, 74974–6, 75561–3, 75593–4, 75616, 78870, 79431, 79629–31

Microelectronic test structures; Trento, Italy, 25-28 March 1996, *(IEEE Electron Devices Soc)* [New York, NY, USA: IEEE 1996] 112684 (introductory abstract), 113008, 113043, 113549, 113786, 113955, 114287, 114568, 114580, 114711, 114832, 114838, 114893, 114955, 115016, 115161–2, 115166, 115191–9, 115203–7, 115238, 115287, 115304–5, 115333–41, 115358–61, 116266, 119552, 119623, 119758–9, 119833, 119835, 120204

Microelectronics; Los Angeles, CA, USA, 24-26 Oct. 1995, *(Microelectron. Soc)* [1995] 60404 (introductory abstract), 82211–49, 82295, 82328, 82902, 82929, 83141, 83384, 83509–12, 83549–50, 83561, 83574, 83635–7, 83639–44, 83652–7, 83664–74, 84220, 84753, 88041, 88249, 88659, 89029–34, 89280–1, 90698, 91922, 91940

Microelectronics, and devices and materials; Terme Catez, Slovenia, 27-29 Sept. 1995, *(Ministr. Sci. & Technol.; Iskara Industrija Kondenzatorijev in Opreme; Keko; et al) L.Sorli, B.Kren, M.Limpel (editor/s),* [Ljubljana, Slovenia: MIDEM-Soc. Microelectron., Electron. Components & Mater.] 60357 (introductory abstract), 60659, 61524, 61654–5, 61684, 61870, 61988, 62022, 62076, 62378, 62498–500, 63414–5, 63484, 63581, 63755, 63800, 64829, 65598, 65667, 69504, 69555, 71718, 71895, 72970, 72975–6, 73091, 74484, 74623–4, 74685–6, 74700, 75026, 75077, 75687–8, 79331–2, 79470, 81735–8, 81895–8

Microelectronics for information technology; Chemnitz, Germany, 18-19 March 1996, [1996] 112662 (introductory abstract)

Microelectronics for neural networks and fuzzy systems; Lausanne, Switzerland, 12-14 Feb. 1996, *(Ecole Polytech. Federale de Lausanne; Centre Suisse d'Electron. Microtech.; Swiss Nat. Sci. Found.; Centre MICROSWISS de Suisse occidentale)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 71978 (introductory abstract), 60981, 61963, 62073–5, 62107–39, 69114, 69323–6

Microelectronics, Pan Pacific symposium; Honolulu, HI, USA, 6-8 Feb. 1996, [Edina, MA, USA: Surface Mount Technol. Assoc. 1996] 103241 (introductory abstract), 103454–66, 104894, 104897, 104932, 104956–9, 104961–3, 104976–9, 105743, 106155–7, 110308, 112815, 112889–92, 113937, 114421–2, 114474, 115452

Microlithography and metrology in micromachining; Austin, TX, USA, 23-24 Oct. 1995, *(SPIE; Semicond. Equip. & Mater. Int.; NIST)* [1995] 72003 (introductory abstract), 72274, 72832, 73959, 74082, 74087, 74605, 74650–2, 74901–6, 74972–3, 76357, 79365, 79593, 81984

Micromachined devices and components; Austin, TX, USA, 23-24 Oct. 1995, *(SPIE; NIST; Semicond. Equipment & Mater. Int)* [1995] 72023 (introductory abstract), 72218, 72305, 73842, 74977–90, 79366–72, 79505, 79573–4, 79594–5, 80428, 80560

Micromachining and microfabrication process technology; Austin, TX, USA, 23-24 Oct. 1995, *(SPIE; Semicond. Equipment & Mater. Int.; NIST)* [1995] 60402 (introductory abstract), 72190, 72895, 74866–76, 74907–24, 75559, 75666, 79614, 79726, 80554, 82008

Micromechanics of advanced materials; Cleveland, OH, USA, 29 Oct.-2 Nov. 1995, *(TMS; ASM)* [Warrendale, PA, USA: TMS 1995] 61455, 62791, 63126

Microrobotics and micromechanical systems; Philadelphia, PA, USA, 25 Oct. 1995, *(SPIE)* [1995] 82074 (introductory abstract), 84660, 84723, 85807, 89098, 90558, 91572, 91790

Microsystem technology for chemical and biological microreactors; Mainz, Germany, 20-21 Feb. 1995, *W.Ehrfeld (editor/s),* [Weinheim, Germany: VCH 1996] 82062 (introductory abstract)

Microsystems, intelligent materials and robots; Sendai, Japan, 27-29 Sept. 1995, *J.Tani, M.Esashi (editor/s),* [Sendai, Japan: Tohoku Univ. 1996] 103287 (introductory abstract), 104197, 106265–77, 106801, 107678, 110008, 110119–20, 110165, 110304, 110872, 111827, 112021–2, 112163–9, 112888, 113541, 113550, 113552–6, 113585–8, 114351, 114367, 115376–9, 115388–9, 115414–5, 115445–51, 115460, 115482, 115858–9, 115870, 117610, 117774, 119597–8, 119646–7, 119694, 119743, 119800, 119839, 119888–9, 120372–3, 120474, 120513, 120922, 121513, 121519–20, 122018

Microwave and millimeter-wave monolithic circuits; San Francisco, CA, USA, 16-18 June 1996, *(IEEE Microwave Theory & Tech. Soc.; IEEE Electron. Devices Soc) I.J.Bahl (editor/s),* [New York, NY, USA: IEEE 1996] 72100 (introductory abstract), 82958, 83251, 83304, 83362–3, 83421–59, 84463, 88085, 88197–9, 88997, 90874, 90886, 91917

Microwave symposium; San Francisco, CA, USA, 17-21 June 1996, *R.G.Ranson (editor/s),* [New York, NY, USA: IEEE 1996] 82064 (introductory abstract), 82207–10, 82490, 82825–6, 82964–7, 82977–81, 82993, 83005, 83196, 83296–7, 83299, 83305–32, 83339–42, 83350–4, 83365–83, 83401–8, 83463–508, 83531–9, 83546, 83760, 84215, 84313, 84465, 84688, 84695, 84747–50, 84842, 85003, 85019, 85099, 85168, 85845, 85849, 85908–20, 85933–42, 85956, 85981–3, 85986–9, 86004–5, 86007–11, 86015, 87750, 88100, 88110, 88231–40, 88281–4, 88583–5, 88697–700, 88798, 89018, 89051, 89106, 89157–8, 89473, 90848, 90881, 90893, 91919–20, 92202–3, 92251–3, 92361, 93018, 93045, 93097–9, 93150, 93165, 93174, 93204, 93537, 93634, 93658–62, 93665, 93703, 93709–19, 93723–9, 93752–60, 93764, 93784–5, 93788–814, 93861–8, 93873–95, 93901–3, 93984, 94829, 94915, 94923–5, 95051–5, 95058–60, 95220, 95329, 95621–2, 95816, 95821, 96051, 96297–8, 96871–3, 97027, 97169, 97206, 97233–48, 97316, 97364–9, 97394, 97754–5, 98111, 98543, 98970, 99072, 99096–101, 99287–9, 99498–502, 99638–40, 99687, 99927–8, 100273, 100277, 100284–91, 100293–4, 101420–2, 101444

Microwaves and optoelectronics; Rio de Janeiro, Brazil, 24-27 July 1995, [New York, NY, USA: IEEE 1995] 103213 (introductory abstract), 92096, 92261–2, 92763, 93134, 93194, 93546–9, 93551, 93670, 93674–82, 93691, 93735–6, 93750, 93767, 93769–71, 93825–30, 93833–4, 93850, 93922–8, 93977, 93989, 94134, 94198, 94933–5, 95664–5, 95696, 95761–3, 95765, 95773–4, 95801–4, 95889, 95936, 95942, 96066, 96153, 96393–4, 96418–9, 96716–7, 96897, 97079–83, 97139–42, 97145–6, 97151, 97270–1, 97274, 97289, 97301–5, 97338, 97346–7, 97378–81, 97390, 98245, 98975–6, 99116–8, 99132, 99338–40, 99342–3, 99436–9, 99452–4, 99538–42, 99590–5, 99630, 99658–9, 99668–9, 99692, 99711, 99954, 100278–9, 101043, 101425, 101445, 101653, 104824

Microwaves and RF; London, UK, 10-12 Oct. 1995, *(IEE; IEEE)* [Swanley, UK: Nexus Media 1995] 72013 (introductory abstract), 72254, 73121–2, 73666–9, 73686–7, 73689, 73751, 73796–800, 76557, 76571, 76616–8, 76658–60, 78047–9, 78247, 78358–9, 78379–80, 78507–10, 78617, 78849, 78967, 78999, 79002–6, 79117, 79147, 79393, 79677–8, 80369–70, 80475, 80735, 80745, 81986

Midwest symposium on circuits and systems; Rio de Janeiro, Brazil, 13-16 Aug. 1995, *(Federal Univ. Rio de Janeiro; IEEE Circuits & Syst. Soc) L.P.Caloba, P.S.R.Diniz, A.C.M.de Querioz, E.H.Watanabe (editor/s),* [New York, NY, USA: IEEE 1996] 72074 (introductory abstract), 72339–40, 73003, 73016, 73065–9, 73132–4, 73322–4, 73400–1, 73519, 73524, 73548–52, 73564–7, 73588, 73612–6, 73761, 73888–9, 74711, 74749–51, 74802–4, 74852, 76332, 77061–9, 77538–41, 78975, 79981, 80133, 80382, 80954, 81587–91, 81651, 81996, 82534, 82554, 82830, 82915, 83045, 83190, 83216–28, 83234, 83250, 83257–8, 83270–1, 83303, 83767, 84515–7, 84640, 85906, 86133, 86194–201, 86468–70, 87373, 87430, 87491, 87711, 87862, 88038, 88167–8, 88476, 88692, 88959, 89179, 89185, 90970, 91056–7, 91126–7, 91336, 91498, 91942, 92159, 92579, 92652, 93012, 93016–7, 93038–9, 93044, 93088, 93091, 93096, 93107–9, 93113, 93140–3, 93149, 93171–2, 93180, 93187–8, 93191–2, 93201, 93203, 93241–6, 93267, 93426–9, 93462, 93506–19, 93526, 93544, 93554–8, 93564–7, 93585–90, 93607–13, 93621, 93624, 93629–30, 93632–3, 93639–40, 93708, 93783, 94019, 94127, 95050, 95107, 95644, 96869, 97205, 97419, 97443–8, 97471, 97597–8, 97603, 97690–704, 97962–8, 98106–10, 98907, 98941, 98944, 99147–8, 99666–7, 100911, 101092–3, 101140–2, 101367–9, 101661–2, 101682, 101763, 101796, 102055, 102066, 102138, 102280, 102289, 102507, 102654, 102682–3, 102733, 102776–8, 102824–6

Military telemedicine; McLean, VA, USA, 27-29 March 1995, *(US Army Med. Res. & Mater. Command) R.Zajtchuk, F.Goeringer, S.K.Mun (editor/s),* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 72073 (introductory abstract), 78107, 79637, 80163–72, 80374–81, 80430–2, 90256–9, 90334–5

Millimeter-wave and far-infrared science and technology; Guangzhou, China, 22-26 Aug. 1994, *(Georgian Inst. Technol.; Chinese Inst. Electron.; IEEE Microwave Theory & Tech. Soc.; IEEE Electron Devices Soc) G.M.Tucker (editor/s),* [Beijing, China: Chinese Inst. Electron. 1994] 71973 (introductory abstract), 60650, 62153, 62209–16, 62301, 62577, 62616–20, 62641–3, 63085, 63125, 64031, 65009, 65048–51, 65362, 65831, 65970–4, 66169, 68702, 69482–5, 69554, 70550, 70608, 73142, 73617, 73642–5, 73675, 73698–718, 73767–8, 73978–80, 74060–1, 74074, 74099, 74145, 74386, 75066, 75348, 75790–2, 75933, 76422–6, 76547, 76567, 76585–90, 76640, 76909, 77117, 78337, 78981–4, 79095–8, 79406–7, 79601, 79664–9, 80452, 80594, 80620–2, 80682

Miniaturized systems with micro-optics and micromechanics; San Jose, CA, USA, 30-31 Jan. 1996, *(SPIE)* [1996] 92021 (introductory abstract), 95234–7, 95697, 95806, 95831, 95920–1, 96583, 99041, 100080, 100116, 101268, 106250, 106906–7

Mobile communications; London, UK, 17 May 1996, *(IEE)* [London, UK: IEE 1996] 112669 (introductory abstract), 78393–403, 117181, 117619, 118075–7, 118235, 118358–64, 118575–8, 118753, 118903–14, 119096, 119796

Mobile robots; Philadelphia, PA, USA, 23-24 Oct. 1995, *(SPIE)* [1995] 112746 (introductory abstract), 86312, 88683–4, 89139, 89479–82, 90851, 90866, 90876, 117441, 117793–8, 119329–30, 119875–8

Modeling and control with soft computing; Iizuka, Japan, 1-7 Aug. 1994, *(Int. Fuzzy Syst. Assoc.; Int. Neural Network Soc.; Japan Soc. Fuzzy Theory & Syst.; et al)* [Oct. 1996] 113659, 117271–2, 117670

Modelling and optimization of distributed parameter systems with applications to engineering; Warsaw, Poland, 17-21 July 1995, [1996] 92148

Modelling, identification and control; Grindelwald, Switzerland, 21-23 Feb. 1994, *(IASTED)* [Anaheim, CA, USA: IASTED 1994] 92345, 93078, 93212, 94488, 95257–9, 95263, 95293–4, 96966, 97430, 97854, 98333–4, 99384, 101395, 101409, 101434, 101951–2, 102009–11, 102108, 102209, 102271, 102433–5, 102461, 102668, 102710–3, 102743, 102771, 102882–3, 103090, 103130, 103154, 103209

Modelling, simulation and control; Ottawa, Ont., Canada, 25-27 May 1994, *(IASTED; AIChE)* [Anaheim, CA, USA: IASTED 1994] 92346, 98335, 99385, 100041, 111745
Modern problems of laser physics; Novosibirsk, Russia, 28 Aug.-2 Sept. 1995, [March-April 1996] 72079 (introductory abstract), 64833, 65172, 65419, 65525, 68961–2, 69541
Modulated semiconductor structures; Madrid, Spain, 10-14 July 1995, [June 1996] 60384 (introductory abstract), 61233–5, 61256, 61291–9, 62740–2, 62763, 62818–21, 62831, 62951–3002, 63027–47, 63073–83, 63149, 63264, 63266, 63561–2, 63572–3, 63816–7, 63823–5, 64802, 64811, 64943, 64957, 64981–2, 65289, 65308–9, 65515, 69188
Molecular beam epitaxy; College Park, MD, USA, 17-20 Sept. 1995, *(American Vacuum Soc)* [May-June 1996] 82071 (introductory abstract), 82673–701, 82711, 83858, 83914, 83961–4, 84029, 84104, 84344–7, 84484–6, 85100–2, 85283, 85507–8, 89550, 90119
Molecular nanotechnology; Palo Alto, CA, USA, 9-11 Nov. 1995, *(Mater. & Process Simulation Center; Lab. Molecular Robotics; et al)* [Sept. 1996] 112675 (introductory abstract), 112872, 114453, 114849, 114988, 115041–2, 120580
Monitoring of gaseous pollutants by tunable diode lasers; Freiburg, Germany, 19-20 Oct. 1994, [Feb. 1996] 60332 (introductory abstract), 65184–6, 65580, 69246, 69339–41, 69556–9, 69946, 70474, 70516–26
Multi-chip modules; Santa Cruz, CA, USA, 6-7 Feb. 1996, *(IEEE Circuits & Syst. Soc.; IEEE Components, Packaging, and Manuf. Technol. Soc.; IEEE Electron Devices Soc.; IEEE Comput. Soc.; IEEE Comput. Soc. Tech. Committee on VLSI)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 71981 (introductory abstract), 60651–8, 61652–3, 61964–5, 62063, 62365, 62510, 62520–38, 65923, 68011, 73902
Multi-feed systems for radio telescopes; Tucson, AZ, USA, 16-18 May 1994, [1995] 66684 (introductory abstract), 62140, 66051, 66174, 66207, 68785–819
Multi-media database management systems; Blue Mountain Lake, NY, USA, 14-16 Aug. 1996, *(New York State Center for Adv. Technol. Comput. Applications & Software Eng. (CASE) at Syracuse Univ.; IEEE Comput. Soc.; IEEE Comput. Soc. Tech. Committee on Multimedia Comput.; IEEE SIG Multimedia; ACM SIG Multimedia; ACM SIGMOD)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 108603–5, 109245–6
Multi-valued logic; Santiago de Compostela, Spain, 29-31 May 1996, *(IEEE Comput. Soc. Tech. Committee on Multiple-Value Logic; Univ. Santigo de Compostela; IEEE Comput. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 72622, 73307–21, 73398–9, 83044
Multimedia computing and networking; San Jose, CA, USA, 29-31 Jan. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 82055 (introductory abstract), 86322, 86593, 87407–10, 87669–73, 87714, 87857, 87873, 87893–903, 87921–3, 87992, 88461, 98841
Multimedia computing and systems; Hiroshima, Japan, 17-23 June 1996, *(IEEE Comput. Soc. Tech. Committee on Multimedia Comput)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 92041 (introductory abstract), 97470, 97752, 98101–4, 98424, 98450, 98465, 98670–1, 98810, 98844–53, 98868–72, 99740, 99749–50, 99773, 99784–9, 99793–7
Multimedia: full-service impact on business, education and the home; Philadelphia, PA, USA, 23-24 Oct. 1995, *(SPIE)* [1996] 60328 (introductory abstract), 66863, 67728, 67870–1, 67901–3, 68021, 68914
Multimedia modelling; Singapore, 14-17 Nov. 1995, *T.S.Chua, H.K.Pung, T.L.Lunii (editor/s),* [Singapore: World Scientific 1995] 112665 (introductory abstract), 117607–9, 118559–69, 119511
Multipath countermeasures; London, UK, 23 May 1996, *(IEE)* [London, UK: IEE 1996] 72017 (introductory abstract), 76749, 77549–50, 77627, 78354–5, 78467–9
Multiphase flow; Kyoto, Japan, 3-7 April 1995, [Amsterdam, Netherlands: Elsevier 1995] 89463, 89556, 89568–71, 100396
NAECON 1996; Dayton, OH, USA, 20-23 May 1996, *(Dayton Sect. IEEE; Aerospace & Electron. Syst. Soc. IEEE)* [New York, NY, USA: IEEE 1996] 112739 (introductory abstract), 113048, 113929–32, 114123, 116999, 117520, 118000, 119279–82, 119309–18, 119590, 119688, 119820, 120623–6, 120939, 120944–5
National Science Foundation forum on optical science and engineering; San Diego, CA, USA, 11-12 July 1995, *(SPIE)* [1995] 60327 (introductory abstract), 64846, 68427–30, 70009, 75770–1, 75819, 76016, 76408
Natural resources databases, spatial accuracy; Williamsburg, VA, USA, 16-20 May 1994, *(Int. Union of Forest Res. Organ; American Soc. Photogrammetry & Remote Sensing)* [Bethesda, MD, USA: American Soc. Photogrammetry & Remote Sensing 1994] 67395
Near field optics and related techniques; Brno, Czech Republic, 9-11 May 1995, *(TopoMetrix)* [Dec. 1995] 94869, 95663, 95760, 97047, 99934–6, 99997, 100028, 100078–9
NECC '96: educational computing; Minneapolis, MN, USA, 11-13 June 1996, *(Nat. Educ. Comput. Assoc.; et al)* [Eugene, OR, USA: Int. Soc. Technol. Educ. 1996] 118308, 118494
Network and operating system support for digital audio and video; Durham, NH, USA, 18-22 April 1995, [Boston, MA, USA: Boston Univ. 1995] 112679 (introductory abstract), 117913, 117965, 118044, 118210–5, 118244–5, 118260, 118397, 118427–8, 118529–31, 118589–99, 118614, 119405–6, 119420, 119455
Network management system architecture; Cardiff, UK, 1 April 1996, *(IEE)* [London, UK: IEE 1996] 60394 (introductory abstract), 70864–5, 71849
Neural nets, WIRN Vietri '95; Salerno, Italy, 18-20 May 1995, *(Int. Inst. Adv. Sci. Studies; Univ. Salerno; et al)* [Singapore: World Scientific 1996] 113624, 114178, 117866–71, 119885, 120403, 120655, 120705, 121275
Neural networks; Perth, WA, Australia, 27 Nov.-1 Dec. 1995, *(IEEE Australia Council)* [New York, NY, USA: IEEE 1995] 103294 (introductory abstract), 64843, 66375, 66960–8, 67599, 68551, 69961–3, 70110–2, 70168, 70440, 70662, 71762, 103405, 103495, 103664–5, 104448, 104727, 104742, 104750–62, 104767–9, 105686, 106151, 108101–3, 108112, 108159, 108167–9, 108197–8, 108208–14, 108285–9, 108336–8, 108356–62, 108511–6, 108587–9, 108609–23, 108746, 108772, 108782–4, 108807, 109345, 109577, 109794–5, 110204, 110209, 110759–60, 110839, 110875, 110928, 111047, 111222, 111523, 111546, 111671, 111926, 111965–6, 112024
Neural networks for identification, control, robotics, and signal/image processing; Venice, Italy, 21-23 Aug. 1996, *(IEEE Comput. Soc.; IEEE Comput. Soc. Tech. Committee on Pattern Anal. & Machine Intelligence (PAM); ACM SIGART; IEEE Circuits & Syst. Soc.; IEEE Control Syst. Soc.; IEEE Instrum. & Meas. Soc.; IEEE Neural Networks Council; IEEE North-Italy Sect.; IEEE Region 8; IEEE Syst., Man, & Cybernetics Soc.; IMACS; ISCA; AEL; AICA; ANIPLA; FAST)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 103305 (introductory abstract), 103493, 108014, 108352–5, 108594–602, 108726–7, 110801, 111181, 111306, 111777
Neural networks for signal processing; Kyoto, Japan, 4-6 Sept. 1996, *(IEEE Signal Process. Soc.; IEEE Neural Networks Council; Support Center for Adv. Telecomun. Technol. Res.; Tateisi Sci. & Technol. Found) S.Usui, Y.Tohkura, S.Katagiri, E.Wilson (editor/s),* [New York, NY, USA: IEEE 1996] 103317 (introductory abstract), 103698, 103733, 104770–1, 104946, 108170, 108215–7, 108363–9, 108624–31, 108785–6, 108992, 110660, 110782, 111153–4, 111223, 111338
Neutron radiography system design and characterization; Tokyo, Japan, 12-18 Nov. 1995, *(Inoue Found. Sci.; Atomic Energy Soc. Japan; Japanese Soc. Non-Destructive Inspection)* [21 July 1996] 104232 (introductory abstract), 104233–42, 104678, 108564–7, 110311, 110364, 110445–7, 110495–506, 110588, 110610, 110769
New developments in radiation detectors; Schloss Elmau, Germany, 7-10 May 1996, *(Canberra-Packard GmbH; Eurisys Mesures; Hamamatsu Photonics; et al)* [1 Aug. 1996] 103212 (introductory abstract), 104359, 105095–6, 105829, 105852, 106053–5, 106068, 106935, 106964, 110148, 110153, 110541–66, 110572–82, 110611, 110613–5, 110624–5
New magnetic materials; Perth, WA, Australia, 5-8 Dec. 1995, [14 Sept. 1996] 103276 (introductory abstract), 104125, 104999, 106349, 106481, 106506, 106508–10, 106575, 106596, 106626–8, 107572, 107826, 107966, 110532
New molecules to new materials; Strasbourg, France, 22-26 May 1995, *(Council Eur.; Comm. Eur. Communities)* [Feb. 1996] 62404, 62698–9, 64899–901, 64944, 69370
New prospects on electronic properties of organic materials; Strasbroug, France, 22-26 May 1995, [Jan. 1996] 71971 (introductory abstract), 72967–8, 74459, 74479, 74502–3, 75575, 75630, 75698–704, 75749–60, 75768
New trends in ion beam processing from ions and cluster ion beams to engineering issues; Strasbourg, France, 22-26 May 1995, [May 1996] 92044 (introductory abstract), 92756, 92855–61, 94585, 94659–64, 94694–714, 94784, 94868, 94928, 100774–5, 100795
Nitrides and silicon carbide; Charlottesville, VA, USA, 1995, [May 1996] 72008 (introductory abstract), 72775–9, 74324–5, 74457–8, 74474, 74520–3, 74568–72, 74679, 75697, 75748
Nondestructive characterisation of materials; Prague, Czech Republic, 19-22 June 1995, [1996] 112999–3002, 113015–6, 113573–6, 113592–5, 114433, 114993, 119723, 120926
Nonlinear and quantum optics; Les Ares, France, 21-25 Jan. 1996, [July 1996] 112719 (introductory abstract), 116050, 116085, 116615, 116711–2, 116926, 119924
Nonlinear dynamics; Modena, Italy, 19-22 May 1994, [Bologna, Italy: Italian Phys. Soc. 1995] 115942
Nonlinear dynamics in particle accelerators: theory and experiments; Arcidosso, Italy, 4-9 Sept. 1994, [1995] 112704 (introductory abstract), 120007–22
Nonlinear frequency generation and conversion; San Jose, CA, USA, 29-31 Jan. 1996, *(SPIE)* [1996] 103269 (introductory abstract), 92747, 95634–5, 95749–54, 95825, 96198–201, 96680–99, 96726–9
Nonlinear image processing VII; San Jose, CA, USA, 29-30 Jan. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 72029 (introductory abstract), 72996, 76957–60, 77350–66, 78964–5
Nonlinear photonic materials; Tokyo, Japan, 24-25 May 1994, *(Japan Int. Technol. Assoc.; Japan High Polymer Center)* [1995] 72034 (introductory abstract), 72838, 75505, 76224–38, 78932–3
North Eastern accelerator personnel; Kalamazoo, MI, USA, 12-15 Oct. 1994, [Singapore: World Scientific 1995] 73823, 79777–89, 79882–6, 79989
Northcon 93; Portland, OR, USA, 12-14 Oct. 1993, *(Oregan & Seattle Sect., IEEE; Cascade Chapter, ERA; Electron. Manuf. Assoc)* [New York, NY, USA: IEEE 1993] 72047 (introductory abstract), 72216, 72249, 73011, 73280–5, 73362–5, 73506, 73858–9, 78042, 78841, 79178, 79223, 79268–9, 81991
Novel optical materials and applications; Cetraro, Italy, 28 May-2 June 1995, [April 1996] 85093, 85111, 85240, 85674–9
NPL calorimetry workshop; Teddington, UK, 12-14 Oct. 1994, [Teddington, UK: Nat. Phys. Soc. 1994] 72059 (introductory abstract), 83548, 88903, 90657–61
Nuclear criticality safety; Albuquerque, NM, USA, 17-21 Sept. 1995, [Los Alamos, NM, USA: Los Alamos Nat. Lab. 1995] 111060–1, 111758–9
Nuclear decommissioning and decontamination; Chicago, IL, USA, 14-17 April 1996, *(ANS)* [La Grange Park, IL, USA: ANS 1996] 60422 (introductory abstract), 80519, 81236–48
Nuclear energy; Bucharest, Romania, 3-4 Dec. 1993, *(Eur. Nucl. Soc)* [Bucharest, Romania: Romanian Nucl. Energy Assoc. 1993] 84697, 91270–6, 91284–5, 91345–6, 91440
Nuclear energy in Central Europe; Portoroz, Slovenia, 11-14 Sept. 1995, *(Eur. Nucl. Soc.; Minist. Sci. & Technol. Slovenia; Jozef Stefan Inst.; Nucl. Safety Adm. Slovenia) A.Stritar, I.Jencic (editor/s),* [Ljubljana, Slovenia: Nucl. Soc. Slovenia 1995] 60367 (introductory abstract)
Nuclear medicine; Denver, CO, USA, 3-5 June 1996, [May 1996] 82080 (introductory abstract)
Nuclear physics; Bombay, India, 1-3 June 1994, *(Board of Res. Nucl. Sci.(DAE); Indian Nat. Sci. Acad)* [Bombay, India: Bhabha Atomic Res. Centre 1995] 69672–5, 90160–1
Nuclear reactor surveillance and diagnostics; Avignon, France, 19-23 June 1995, *(OECD Nucl Energy Agency; Nucl. Sci. Committee; et al)* [Issy les Moulineaux, France: OECD Nucl. Energy Agency 1995] 91286–91
Nuclear science and medical imaging; San Francisco, CA, USA, 21-28 Oct. 1995, [June 1996] 72038 (introductory abstract), 73974, 74084, 75710, 75717, 75732, 79258, 80022–85, 80130–2, 80136–7, 80151–7, 80191, 80353–4, 82909, 83268, 88942, 89063, 89756, 90123–9, 90151–3, 90197, 90200–26, 90229–31, 90238, 90245, 90311, 90344–67, 90418–52, 90490, 90650, 90741, 91173, 91268, 91431, 92254, 92663, 92995, 93528, 95061, 95214, 95991, 99877, 100151, 100778, 100825–63, 100868–900, 100907, 100909–10, 100923–69, 100974–87, 100994–7, 101011–28, 101031–42, 101094–133, 101144–83, 101209–12, 101239–66, 101277–93, 101308–44, 101388, 101460–1, 101510, 101575–7, 102369–80, 102402, 110696–700
Nuclear spectroscopy and nuclear structure; St. Peterburg, Russia, June 1995, [1995] 90158, 110622
Nucleon-antinucleon physics; Moscow, Russia, 11-16 Sept. 1995, [Aug. 1996] 110535, 119964–5, 120161–2, 120205
Numerical analysis, scientific computing, computer science; Hamburg, Germany, 3-7 July 1995, [1996] 93087, 93179, 95809, 102224, 108463
Numerical methods in fluid dynamics; Bangalore, India, 11-15 July 1994, [Berlin, Germany: Springer-Verlag 1995] 72623
Object-oriented real-time dependable systems; Laguna Beach, CA, USA, 1-2 Feb. 1996, *(IEEE Comput. Soc. Tech. Committee on Distributed Process)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 87329, 87754, 87880
OBPDC '95: object based parallel and distributed computation; Tokyo, Japan, 21-23 June 1995, [Berlin, Germany: Springer-Verlag 1996] 109176
Observation of the phenomena of the satellites of Saturn in 1995; Bucharest, Romania, 19-21 Sept. 1994, [Feb. 1996] 117529
Ocean electronics; Cochin, India, 18-20 Dec. 1995, [Cochin, India: Cochin Univ. 1995] 103315 (introductory abstract)
Offshore structures - hazards, safety and engineering; London, UK, 12-13 Dec. 1995, [Leatherhead, UK: ERA Technol. 1996] 103244 (introductory abstract)
Open systems, Unix in Germany and GUUG; Wiesbaden, Germany, 12-14 Sept. 1995, [Hagenburg, Germany: NETWORK GmbH 1995] 98597–9, 98788–9
Ophthalmic technologies; San Jose, CA, USA, 27-28 Jan. 1996, *(SPIE)* [1996] 103267 (introductory abstract)
Optical and electrical properties of glasses; Troy, NY, USA, 9-11 Aug. 1995, [1 Aug. 1996] 115990, 116053

Optical and hybrid access networks; Ipswich, UK, 4-5 March 1996, *(IEE)* [London, UK: IEE 1996] 60354 (introductory abstract), 67938–55, 68361–2, 68901–2

Optical and imaging techniques for biomonitoring; Barcelona, Spain, 14-16 Sept. 1995, *(SPIE; Eur. Laser Assoc.; Soc. Espanola de Laser Med. Quirurgico; et al)* [1996] 103261 (introductory abstract)

Optical characterization techniques for microelectronic device manufacturing; Austin, TX, USA, 25-26 Oct. 1995, *(SPIE)* [1995] 60401 (introductory abstract), 83685, 83784–7, 83998, 84048, 84077–8, 84112–7, 84201, 84249, 84277, 84508–10, 84570, 85035, 85318, 85778, 89526, 89541, 89553

Optical computing; Sendai, Japan, 21-25 April 1996, *(Japan Soc. Appl. Phys.; Int. Comm. Opt.; IEICE of Japan)* [Tokyo, Japan: Japan Soc. Appl. Phys. 1996] 82089 (introductory abstract), 84952–6, 84958–62, 85097–8, 85130–2, 85174–8, 85185–215, 85220–8, 85233, 85282, 85325–6, 85330–8, 85495, 85693, 85723–6, 85760–1, 85776–7, 85786, 86990–5, 87235–47, 87776, 88047, 88554–7, 89354, 89539, 89572–3, 90487–8, 106875, 106896–9, 108506, 109637

Optical fabrication and testing; Tokyo, Japan, 5-7 June 1995, *(SPIE)* [1995] 72261–3, 72267, 75426, 76276–8, 76310, 78721, 79604, 79689, 79729

Optical fiber communication; San Jose, CA, USA, 25 Feb.-1 March 1996, *(Opt. Soc. America; IEEE/Lasers and Electro-Opt. Soc.; IEEE/ Commun. Soc)* [Washington, DC, USA: Opt. Soc. America 1996] 64816, 65005, 65100–12, 65364–9, 68516–31, 72275, 75436–47, 75469–75, 75495–8, 75557–8, 75584–6, 75624, 75642–3, 75659–60, 75722, 75765, 75836–8, 75843–9, 75976–7, 76012–3, 76147, 76196, 78243, 78316, 78319, 78667–701, 78771–824, 78850–8, 79408, 84995–5002, 85010–8, 85030–3, 85060, 85076, 85154, 85167, 85239, 85390, 85402–3, 85437–8, 85475–7, 85496–9, 85541, 85665–8, 88048–53, 88504–13, 88558–80, 88630–58, 89122–4

Optical fibre measurement; Liege, Belgium, 25-26 Sept. 1995, *(Univ. Liege; Eur. Action COST 241; et al)* [Liege, Belgium: Univ. Liege 1995] 60392 (introductory abstract), 64671–711, 64748, 64787, 65083–9, 68451–3, 68952, 69223, 69230, 69537

Optical fibre technology; Coolum Beach, Qld., Australia, 3-6 Dec. 1995, *(Hewlett Packard)* [Milsons Point, NSW, Australia: IREE Soc. 1995] 72055 (introductory abstract), 72888, 75455–68, 75489–94, 75530–2, 75545–7, 75589–91, 75641, 75657, 75669, 75825, 75839–42, 75857–9, 75970–5, 76009–11, 76089, 76134–46, 76193–5, 76945, 78318, 78752–70, 78843–8, 79498–503

Optical implementation of information processing; San Diego, CA, USA, 10-11 July 1995, *(SPIE)* [1995] 60326 (introductory abstract), 72319, 75577–8, 75604–5, 75631–8, 75661–5, 77188–93, 79276, 80260, 80727

Optical interconnects in broadband switching architectures; San Jose, CA, USA, 31 Jan.-1 Feb. 1996, *(SPIE)* [1996] 82075 (introductory abstract), 94109, 95642, 95893, 96046, 98637–41, 99018, 99027–34, 99043–4, 99458–9, 99888

Optical microlithography; Santa Clara, CA, USA, 13-15 March 1996, *(SPIE)* [1996] 112714 (introductory abstract)

Optical network engineering and integrity; Philadelphia, PA, USA, 24-25 Oct. 1995, *(SPIE)* [1996] 72026 (introductory abstract), 75500, 78871, 79506, 80549, 82906, 84968–85, 85082, 85319, 85459, 88393, 88460, 89140, 89527

Optical processing and computing; Paris, France, 12-13 Oct. 1995, [Neuilly sur Seine, France: AGARD 1995] 64616, 64844–5, 65483–4

Optical scattering in the optics, semiconductor, and computer disk industries; San Diego, CA, USA, 13-14 July 1995, *(SPIE)* [1995] 72080 (introductory abstract)

Optical security and counterfeit deterrence techniques; San Jose, CA, USA, 1-2 Feb. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 60329 (introductory abstract), 64610, 65541–3, 66878–9

Optical solitons; Birmingham, UK, 17 April 1996, *(IEE)* [London, UK: IEE 1996] 60369 (introductory abstract), 64651, 65456–64, 68363–5

Optical technology for microwave applications; San Diego, CA, USA, 11-12 July 1995, *(SPIE)* [1995] 60325 (introductory abstract), 61673, 64806, 64836–8, 64937–8, 66149–52, 66181, 68025, 68146, 68454–60, 68648–50, 68829

Optical velocimetry; Warsaw, Poland, 29 May-2 June 1995, *(SPIE; State Committee for Sci. Res. (Poland))* [1996] 112656 (introductory abstract), 106893, 106990, 107128, 107213, 107679–87, 110186–7, 110370, 110380–1, 110390, 110454–6, 110797

Optically nonlinear organic materials and applications; Hawaii Island, HI, USA, 17-20 May 1994, [1995] 72035 (introductory abstract), 75399, 75596, 75658, 75827–8, 76241–61, 84933

Optoelectronic packaging; San Jose, CA, USA, 1-2 Feb. 1996, *(SPIE; ARPA)* [1996] 72027 (introductory abstract), 82265–6, 83628, 85021, 85062, 85077–8, 85104, 85340–6, 85509–10, 88055–6, 88586

Optomechanical and precision instrument design; San Diego, CA, USA, 10-11 July 1995, *(SPIE)* [1995] 60637, 64881, 65155, 65564, 68968, 69102, 69293, 69499–500, 69561, 69579, 70449–50

Organic materials for electronics and photonics; Tsukuba, Japan, 6-7 Oct. 1994, [1995] 72031 (introductory abstract), 72811, 72896–7, 74308, 74507, 75392, 75418–20, 75549, 75617, 75740–2, 76155–70, 79373, 79575, 79596, 81907

Organic nonlinear optics; Kusatsu, Japan, 23-26 July 1995, [1996] 72036 (introductory abstract), 84934, 85044–9, 85088–9, 85289, 85581–601, 85620–61, 85738, 89119

PAAM '96: practical applications of intelligent agents; London, UK, 22-24 April 1996, [Blackpool, UK: Practical Application Company 1996] 87559, 87611–2, 87839–46, 87968–70

Pacific DMS '96: distributed multimedia systems; Hong Kong, 25-28 June 1996, *(Hong Kong Univ. Sci. & Technol.; Knowledge Syst. Inst.; Univ. Pittsburgh; Univ. Minnesota at Minneapolis) D.Du, O.R.Liu Sheng (editor/s),* [Skokie, IL, USA: Knowledge Syst. Inst. 1996] 112666 (introductory abstract), 109251–7, 109298, 109891

Pacific Northwest fiber optic sensor workshop; Troutdale, OR, USA, 3-4 May 1995, *(SPIE; Blue Road Res)* [1995] 60399 (introductory abstract), 75449, 79449–64, 79762, 79998, 80677, 80699, 81119, 81178

PACS design and evaluation: engineering and clinical issues; Newport Beach, CA, USA, 13-15 Feb. 1996, *(SPIE)* [1996] 103230 (introductory abstract), 108469, 109047, 109167, 109201–2, 109574, 110649, 110720–5, 110865–9, 110892–6, 111005–13

PACT '96: practical applications of constraint technology; London, UK, 24-26 April 1996, [Blackpool, UK: Practical Application Company 1996] 93042, 95105, 95112, 98607

PAP '96: practical application of Prolog; London, UK, 23-25 April 1996, *(Logic Programming Associates; Siemens Nixdorf Inf.; PrologIA's et al)* [Blackpool, UK: Practical Application Co. 1996] 93036, 97951, 98566, 101355, 102226

Parallel and distributed simulation; Philadelphia, PA, USA, 22-24 May 1996, *(IEEE Comput. Soc. Tech. Committee on Simulation; ACM SIGSIM; Soc. Comput. Simulation)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 72068 (introductory abstract), 73039–42, 77625, 78019–20, 78466

Parallel and distributed systems; Tokyo, Japan, 3-6 June 1996, *(IEEE Comput. Soc. Tech. Committee on Distributed Process.; IEEE Comput. Soc. Tech. Committee on Parallel Process)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 82564, 83140, 83232–3, 86020, 87375, 87439–48, 87593, 87743–8, 87938–9, 88227

Parallel architectures, algorithms, and networks; Beijing, China, 12-14 June 1996, *(Chinese Nat. Res. Center for Intelligent Comput. Syst.; IEEE Comput. Soc.; IEEE Comput. Soc. Tech. Committee on Parallel Process.; Steering Committee of the Chinese Nat. Hi-Tech Programme; Inf. Process. Soc. Japan; Chinese Comput. Federation; IEICE Inf. & Syst. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 72487–8, 72636, 72730, 77458–9, 77566, 77752–3, 78057–9

Parallel architectures and compilation techniques; Boston, MA, USA, 20-23 Oct. 1996, *(IEEE Comput. Soc. Tech. Committee on Comput. Archit.; IFIP WG 10.3 (Concurrent Syst.); ACM SIGARCH)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 114009

Parallel CFD '94: parallel computational fluid dynamics; Kyoto, Japan, 16-19 May 1994, [Amsterdam, Netherlands: Elsevier 1995] 111034

Parallel processing; Ithaca, NY, USA, 12-16 Aug. 1996, *(Int. Assoc. Comput. & Commun.; Pennsylvania State Univ)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 60992–3, 61114, 61725–7, 67143, 67581, 92567–8, 93015, 93077, 93086, 93316, 93494, 93651, 95130, 97577, 98327–32, 98351–3, 98503–5, 98630, 98777, 98790, 99665, 101078, 101345, 101582, 104432, 111569

Particle accelerators; Dallas, TX, USA, 1-5 May 1995, *(IEEE Nucl. & Plasma Sci. Soc.; APS Div. Particles & Beams; IUPAP)* [New York, NY, USA: IEEE 1995] 72052 (introductory abstract), 73977, 74991, 76052–65, 76067–71, 79771–6, 79793–825, 79864–81, 79902–80, 79988, 79990–4, 80138, 80148–50, 80368, 80472–4, 83000, 83567, 83687–91, 83719, 83757–8, 83763, 84839, 84878, 85542–3, 85799–800, 85808, 89584–609, 89612–24, 89640–746, 89757–900, 89905–90031, 90068–101, 90106–11, 90118, 90185, 90227, 90239, 90248, 93751, 94169, 94185–92, 95573–7, 96437, 96441, 96956, 99469, 100373, 100389, 100411–20, 100422–32, 100448–637, 100650–744, 100783–4, 100789, 100912–4, 100988, 101000–1, 101419, 101450, 102790, 102827–8, 102851–6

Particle induced X-ray emission and its analytical applications; Padua, Italy, 26-30 May 1995, [April 1996] 100378–88, 100865, 101029

Particle physics, astrophysics and cosmology; Stanford, CA, USA, 8-19 Aug. 1994, *(Stanford Univ.; Stanford Linear Accel. Center)* [Stanford, CA, USA: Stanford Linear Accel. Centre 1996] 69602

Pattern recognition and image analysis; Ul'yanovsk, Russia, 28-31 Aug. 1995, [April-June 1996] 61942, 62096, 62471, 66580–3, 66752–5, 67169–86, 67327–32, 67766, 67789, 68325, 68638, 68746, 68753, 68834, 69015, 69259, 69388, 69924, 70008, 70132–3, 70443–4, 70448, 71045

PCB design; Santa Clara, CA, USA, 18-22 March 1996, *(Printed Circuit Design Magazine; Miller Freeman)* [San Francisco, CA, USA: Miller Freeman 1996] 82090 (introductory abstract), 92190–4, 93992–4018, 94037

Performance '96: Information processing system modeling, measurement and evaluation; Lausanne, Switzerland, 7-12 Oct. 1996, [Oct. 1996] 112706 (introductory abstract), 113080, 117959–63, 118046–53, 118079–80, 118116–8, 118365, 118516

Personal, indoor and mobile radio communications; Toronto, Ont., Canada, 27-29 Sept. 1995, *(Inf. Technol. Res. Centre; IEEE Commun. Soc.; IEEE; Telecommun. Res. Inst. Ontario; IEE; IEICE)* [New York, NY, USA: IEEE 1995] 82103 (introductory abstract), 85874–8, 85902, 85905, 85973, 86013, 86041, 86115–7, 86291, 86299, 87366, 87382–7, 87476–80, 87835–8, 87850–6, 87871, 87964–7, 87983–5, 88005, 88120–6, 88306–42, 88346–91, 88447–8, 88618–22, 88792, 88814, 88821, 93433, 93869, 97103–23, 97421–2, 97450–2, 97706–7, 98372, 98411–21, 98451, 98672–4, 99075–86, 99153–214

Personal wireless communications; New Delhi, India, 19-21 Feb. 1996, *(IEEE India AES/Com/LEOS Chapter; IEEE Delhi Sect.; IEEE Region 10; IEEE India Council; IETE India) V.K.Bhargava, D.P.S.Seth, V.P.Kodali, R.Prasad, R.G.Gupta (editor/s),* [New York, NY, USA: IEEE 1996] 92040 (introductory abstract), 97127–8, 97469, 98377, 98422–3, 98464, 98693, 98867, 98919–20, 99093–5, 99248–86, 99415–8, 99884–5, 101403

Perspectives in computer science; USA, 1996, [March 1996] 87822, 93027, 96918

Petri nets, application and theory; Osaka, Japan, 24-28 June 1996, [Berlin, Germany: Springer-Verlag 1996] 104258, 108952, 109348

Phase conjugation and adaptive optics; St. Petersburg, Russia, 27 June-1 July 1995, *(SPIE)* [1996] 112709 (introductory abstract), 116334–41, 116437–40, 116610–2, 116681–92, 116760–1, 117709, 119632, 120767

Phonons 95; Sapporo, Japan, 23-28 July 1995, [April 1996] 83837, 83931–2, 84297, 84877, 92712–3, 92819, 94466, 100374, 100818–9

Photoactive organic materials; Avignon, France, 25-30 June 1995, *(NATO) F.Kajzar, V.M.Agranovich, C.Y.-C.Lee (editor/s),* [Dordrecht, Netherlands: Kluwer Academic Publishers 1996] 103246 (introductory abstract), 105495, 106740–4, 106839, 106848, 106859, 106900, 106939, 106944, 107540–4, 107573, 107622–3

Photodetectors: materials and devices; San Jose, CA, USA, 1-2 Feb. 1996, *(SPIE)* [1996] 92024 (introductory abstract), 92743–4, 94341, 100002–17, 100112–5

Photoelectronic detectors, cameras, and systems; San Diego, CA, USA, 13-14 July 1995, *(SPIE)* [1995] 72081 (introductory abstract), 74079–81, 75724, 76095, 79520–30, 79534–5, 79995, 79999–80002, 80121–2, 80125, 80139–40, 80257–9

Photonic component engineering and applications; Orlando, FL, USA, 8-9 April 1996, *(SPIE)* [1996] 112694 (introductory abstract), 114729–30, 116025–6, 116105–7, 116147, 116157, 116408–9, 116431, 116488–9, 116661, 117629–30, 119149–54, 119721, 120336

Photovoltaic energy conversion; Waikoloa, HI, USA, 5-9 Dec. 1994, [June 1996] 92050 (introductory abstract), 92774–6, 92937–41, 94289–90, 94368, 94379, 94427, 94453–4, 94597, 94725, 94801, 102999–3031, 103038

Photovoltaics program review meeting; Lakewood, CO, USA, 16-19 May 1995, [1996] 103253 (introductory abstract), 103845, 104078, 105102–3, 105112, 105135, 105527–9, 111717, 111837–40, 112333–88, 112398–402

Physical and failure analysis of integrated circuits; Singapore, 27 Nov.-1 Dec. 1995, *(IEEE Electron Devices Soc.; Natl. Univ. Singapore; Inst. Microelectron., Singapore; Magn. Technol. Centre, Singapore) S.H.Ong, M.K.Radhakrishnan (editor/s),* [New York, NY, USA: IEEE 1995] 72056 (introductory abstract), 72255, 72300–3, 72329, 72347–9, 73287, 73366–7, 73437, 73572–3, 73801, 74491, 74632–3, 74728–34, 74768, 74794–5, 74837–42, 74855–6, 75005, 75268–70, 79254

Physical aspects of superconductivity; Kharkov, Ukraine, 25-28 Sept. 1995, [June 1996] 95448, 95499

Physics and chemistry of mercury cadmium telluride and other IR materials; Baltimore, MD, USA, 10-12 Oct. 1995, [Aug. 1996] 112722 (introductory abstract)

Physics and computer modeling of devices; Aizu-Wakamatsu, Japan, 7-9 Nov. 1995, *(Univ. Aizu; Osaka Univ.; Wayne State Univ) V.Ryzhii, C.Hamaguchi, V.Mitin, M.Ershov (editor/s),* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 60418 (introductory abstract), 61869, 62834–5, 63086–7, 63539, 63579–80, 63798–9, 63827–8, 64948, 64988, 65370–1, 69194–5, 69327, 74774

Physics and simulation of optoelectronic devices; San Jose, CA, USA, 29 Jan.-2 Feb. 1996, *(SPIE)* [1996] 92025 (introductory abstract), 92745–6, 94523–5, 94927, 95690–1, 95745–8, 95800, 95823–4, 95918, 96031–5, 96197, 96327–72, 96576, 96679, 97258, 99529

Physics at LEP2; Geneva, Switzerland, 2-3 Nov. 1995, [Geneva, Switzerland: CERN 1996] 69600, 69657–8

Physics meeting; Cancum, Mexico, Sept. 1994, [1995] 115411, 115983, 116190, 116619, 116786, 117935, 119341, 119343–4, 119689, 119959, 120127, 120229

Physics of interaction of charged particles with single crystals; Moscow, Russia, May 1995, [1995] 84107

Physics of non-crystalline solids; Turku, Finland, 28 June-1 July 1995, [March 1996] 72885, 72974, 74288, 75387–8, 75407, 76123

Physics of semiconductors; Vancouver, BC, Canada, 15-19 Aug. 1994, [Singapore: World Scientific 1995] 60559, 61141, 61185–7, 61213–6, 62672–5, 62711–9, 62743–6, 62767–8, 62798–803, 62810, 62852–85, 62908–35, 63005, 63097, 63108, 63144, 63214, 63222, 63301–4, 63492–3, 63531, 63549–50, 63552–3, 63708, 63804–13, 64543, 64617, 64897, 64909–13, 64975, 65209–10, 65453–5, 69134, 71698

Physiology and function from multidimensional images; Newport Beach, CA, USA, 11-13 Feb. 1996, *(SPIE)* [1996] 103231 (introductory abstract)

Piezoelectric devices; Kansas City, MO, USA, 20-22 Sept. 1995, [Arlington, VA, USA: Electron. Ind. Assoc. 1995] 92034 (introductory abstract), 93193, 95312–20, 95330

Plasma edge theory in fusion devices; Asilomar, CA, USA, 4-6 Dec. 1995, *(DOE; Int. Sci. Found.; Lawrence Livermore Nat. Lab.; et al)* [1996] 82555, 82568–9

Plasma physics; Louisville, KY, USA, 6-10 Nov. 1995, [May 1996] 69660–1, 71345–6

Plasma physics and nuclear fusion; Seville, Spain, 26 Sept.-1 Oct. 1994, [Vienna, Austria: IAEA 1995] 64566–9, 69601, 69647, 69696–7, 69700, 71149

Plasma process-induced damage; Santa Clara, CA, USA, 13-14 May 1996, *(IEEE/Electron Devices Soc.;American Vacuum Soc.; Japanese Soc. Appl. Phys) K.P.Cheung, M.Nakamura, C.T.Gabriel (editor/s),* [Sunnyvale, CA, USA: American Vacuum Soc. 1996] 103243 (introductory abstract), 104113, 104584, 105265, 105457, 105501–2, 105560, 105569–71, 105634–47, 105663–77, 105753, 105755, 105906, 105972–5, 105987–9, 106127, 106168, 106195, 106206–8, 106235–6

Plasma science; Boston, MA, USA, 3-5 June 1996, *(Plasma Sci. & Applications Committee of IEEE Nucl. & Plasma Sci. Soc.; Northeastern Univ)* [New York, NY, USA: IEEE 1996] 103309 (introductory abstract), 60557, 60734, 61393, 61415, 61440, 61443, 62226, 62544, 62546–8, 62571–2, 62574–5, 62581–606, 62608–12, 62622, 62624–36, 62638, 62651–3, 63134, 63191, 63248–50, 63296–9, 63343, 65006–8, 65010, 65379–81, 65658, 65712, 65716, 65742–3, 65867, 68044, 69385, 69411, 69584, 69598–9, 69615–6, 69636–46, 69655, 69668–71, 69683, 69891, 70407, 70478, 70535, 71563, 71613, 71880–2, 71894, 104174–6, 104984–6, 104988, 104994–5, 105000–3, 105010–3, 105030–4, 105049–51, 105059–60, 105075–6, 105083–5, 105550–2, 105561–2, 105617, 108019, 110486, 110490–1, 110511–4, 111023–4, 111625, 112143, 112589–600, 112873, 113432–3, 114493–4, 114503, 114506, 114515, 114518–28, 114531–7, 114869–72, 114894, 114914–5, 114956–7, 116237, 116291–2, 116570–1, 116834–9, 116921, 117012, 117092, 119971, 120048, 120089, 120121–5, 120582, 120584, 120636–7, 120766, 120807, 121893–4

Plasma sources and surface interactions in materials processing; Fuji-Yoshida, Japan, 20-22 Sept. 1995, [May 1996] 74573, 76584, 81547

PODC '96: principles of distributed computing; Phildelphia, PA, USA, 23-26 May 1996, *(ACM)* [New York, NY, USA: ACM 1996] 92409, 98469–86, 98512–3, 98704–5, 98880, 99111, 99751

Polarisation in radar; London, UK, 22 March 1996, [London, UK: IEE 1996] 60360 (introductory abstract), 65842, 70575

Polarization phenomena in nuclear physics; Bloomington, IN, USA, 15-22 Sept. 1994, *(Indiana Univ.; Nat. Sci. Found.; U.S. Dept. Energy)* [1995] 119975–6, 120076–86

Porous silicon: material, technology and devices; Strasbourg, France, 22-26 May 1995, *(Banque Populaire; Centre de Res. Nucl.; Centre Nat. Res. Sci.; et al)* [15 April 1996] 92028 (introductory abstract), 92792, 93957, 94244–76, 94292–320, 94440, 94517, 94576–7, 94598–9, 94645, 94804, 94844, 94904, 95742, 96024–5, 96042

Position location and navigation; Atlanta, GA, USA, 22-26 April 1996, *(IEEE; Aerosp. & Electron. Syst. Soc)* [New York, NY, USA: IEEE 1996] 79037 (introductory abstract), 65832, 68758–82, 69232, 69505, 70397–406, 70426–9, 70609–15, 70622, 71857, 79026–34, 79301–4, 79446, 80540, 80582, 80584–7, 80704–8, 80723–6, 81065

Power conversion electronics; Long Beach, CA, USA, 9-15 Sept. 1995, [Ventura, CA, USA: Intertech Int. 1995] 72075 (introductory abstract), 82203, 82916–21, 83557, 84374–9, 84518–9, 84771, 88917, 91612–23, 91712–3, 91777, 91933, 91943, 91966

Power electronics; Baveno, Italy, 23-27 June 1996, *(IEEE Power Electron. Soc.; Univ. degli Studi di Milano)* [New York, NY, USA: IEEE 1996] 112685 (introductory abstract), 113723–31, 113748–53, 113761, 114349, 114353, 115135, 115154, 115183–7, 115587, 115594, 115881, 115961, 116592, 116803, 119503, 119983, 120515–6, 120628–31, 120633–4, 120989–91, 121004–8, 121058, 121081, 121092–3, 121095, 121106, 121405, 121415, 121446–8, 121455–6, 121465, 121472, 121484–5, 121493, 121501–2, 121508, 121545, 121552, 121567–645, 121663–82, 121690–738, 121755–82, 121826–7, 121830, 121928–44, 121967–78, 122009, 122027–9, 122043–9, 122059, 122063, 122069–71, 122074, 122076–9, 122083, 122098

Power electronics and variable speed drives; Nottingham, UK, 23-25 Sept. 1996, [London, UK: IEE 1996] 112740 (introductory abstract), 113758–60, 114082, 114354, 114372, 115153, 120282, 120404, 121052–3, 121096, 121376, 121413, 121466, 121492, 121496–9, 121514, 121517, 121688–9, 121741–52, 121901, 121913, 121966, 121986–2008, 122042, 122052–5, 122085

Power electronics, drives and energy systems; New Delhi, India, 8-11 Jan. 1996, *(IEEE Ind. Application Soc.; IEEE Power Electron. Soc.; IEEE Power Eng. Soc) S.S.Murthy, D.Divan, S.R.Doradla, B.V.Murty, S.Roy (editor/s),* [New York, NY, USA: IEEE 1995] 103290 (introductory abstract), 104325, 104347–9, 111405, 111462–4, 111522, 111565, 111575–9, 111599–600, 111624, 111627, 111738, 111828–9, 111831–2, 111845–50, 111863–4, 111871, 111887–8, 111895, 111900–1, 111915–22, 111932, 111934, 111946–60, 111975–86, 111996–7, 112003, 112005–7, 112009–11, 112023, 112089–109, 112119–23, 112127–40, 112443–53, 112473–81, 112565–6, 112573, 112577–82, 112610, 112626–8, 112645, 112647, 112653, 121345, 121564–6, 121927, 122105, 122113

Power engineering; Witwatersrand, South Africa, 22-23 Jan. 1996, *(Circuit Breaker Ind.; ABB Powertech; Tettex Instr.; GEC Alstrom; Siemens; et al)* [Witwatersrand, South Africa: Univ. Witwatersrand 1996] 103214 (introductory abstract), 93116, 93124, 95261–2, 95297, 99853, 101696, 101830–3, 101842–4, 102033–4, 102047, 102050, 102082–8, 102091–4, 102146, 102204–7, 102245–6, 102320–1, 102358, 102514, 102522, 102628, 102633, 102664, 102698–701, 102803–4, 102864, 102874–6, 102919, 102922, 102934, 103037, 103083–5, 103120, 103125, 103177, 103194, 103206

Power engineering - UPEC '95; London, UK, 5-7 Sept. 1995, [London, UK: Univ. Greenwich 1995] 82058 (introductory abstract), 82124, 82127–8, 82949, 83562, 84699, 84707, 90722, 90928–38, 90958, 91018–23, 91051–3, 91074, 91083, 91103, 91111–2, 91135–41, 91161, 91218, 91244, 91328–30, 91370, 91378, 91380, 91384–5, 91418, 91449–50, 91472–6, 91509–16, 91526, 91545–7, 91560, 91599, 91604, 91645–8, 91665–6, 91687, 91691, 91796–801, 91881, 91895, 91972, 91975, 91982, 101473, 101663–71, 101764–70, 101988, 102049, 102056–9, 102067–9, 102139–40, 102184, 102201–2, 102237–9, 102290, 102331–4, 102362, 102491–2, 102508, 102515, 102525–7, 102532, 102618, 102655–7, 102660, 102690, 102729–30, 102747, 102751, 102780–2, 102829–39, 102857–9, 102973, 103045, 103077, 103094–5, 103102–3, 103114–5, 103161, 103173, 103195, 103202, 104306, 111478–81, 111541–2, 111584, 111629, 111659–65, 111675–6, 111726, 111764, 111855, 111877, 111905–7, 111939, 112014, 112032–3, 112067–70, 112432–4, 112642

Power quality; Long Beach, CA, USA, 9-15 Sept. 1995, [Ventura, CA, USA: Intertec Int. 1995] 82057 (introductory abstract), 85891, 90261, 90921–3, 91001–4, 91065, 91078–81, 91130–2, 91217, 91227–8, 91241–3, 91373, 91439, 91630–6, 91679, 91716, 91969–71, 92002

Power semiconductor devices; London, UK, 21 June 1996, *(IEE)* [London, UK: IEE 1996] 72098 (introductory abstract), 74713, 82922, 84279, 84284–5, 84295, 84380–2

Power semiconductor devices and ICs; Maui, HI, USA, 20-23 May 1996, *(IEEE Electron Devices Soc.; IEE of Japan) C.A.T.Salama, R.K.Williams (editor/s),* [New York, NY, USA: IEEE 1996] 103301 (introductory abstract), 103431–2, 103436, 104317, 104326–36, 105266, 105503–4, 105572–3, 105736, 105831, 105867–70, 105907, 105910–4, 105929–43, 105976–7, 105990–6004, 106109, 106128, 106169, 106209–11, 106237

Power sources; Brighton, UK, 24-26 April 1995, *(Electr. Power Committee) A.Attewell, T.Keily (editor/s),* [Crowborough, UK: Int. Power Sources Symposium Committee 1995] 103237 (introductory abstract), 112085–6, 112175–6, 112179–92, 112202–45, 112311–5, 112563–4

Power system control and managment; London, UK, 16-18 April 1996, [London, UK: IEE 1996] 70630, 70663–4, 71001–2, 71597, 71820

Power system transients; Lisbon, Portugal, 3-7 Sept. 1995, *(Inst. Energia; Electricidade de Portugal; Junta Nat. Investigacao Sci. Technol.; et al)* [Lisbon, Portugal: Tech. Univ. Lisbon 1995] 103239 (introductory abstract), 104315–6, 106706, 111436–7, 111439–47, 111488–93, 111549, 111551–2, 111557, 111559–61, 111570–4, 111585–94, 111614–8, 111620–3, 111633–4, 111645, 111649–51, 111667–8, 111677–9, 111687–90, 111711, 111822, 111834, 111858–9, 111880–1, 111910–2, 111993, 112034–45, 112074, 112155–7, 112651

Power systems and engineering; Wakayama, Japan, 12-16 Sept. 1994, *(IASTED) J.Hasegawa (editor/s),* [Calgary, Alta., Canada: IASTED 1994] 72049 (introductory abstract), 80774–9, 80874–93, 80968, 81043–6, 81137, 81302, 81338, 81350–1, 81362, 81388, 81549, 81710, 81937, 82019

Practical holography X; San Jose, CA, USA, 29-30 Jan. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 82100 (introductory abstract), 95655, 96594, 96744–61, 96784–800, 100181–3, 100210

Probabilistic safety analysis methods; San Diego, CA, USA, 20-25 March 1994, *(Soc. Risk Anal.; Eur. Safety & Reliability Assoc.; et al)* [Los Angeles, CA, USA: Univ. California 1994] 71046–57, 71089–90, 81206–15, 81235

Process control, diagnostics, and modeling in semiconductor manufacturing; Reno, NV, USA, 21-26 May 1995, *M.Meyyapan, D.J.Economou, S.W.Butler (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1995] 60346 (introductory abstract), 60574, 60689, 61152, 61416–22, 63207–9, 63265, 63387–407, 63465–7, 63510, 63574, 63869, 63888–93

Process control, electrical and information; Denver, CO, USA, 31 March-4 April 1996, [Atlanta, GA, USA: TAPPI Press 1996] 87777, 90959, 91162, 91220, 91331, 91451, 92003–6

Process, equipment, and materials control in integrated circuit manufacturing; Austin, TX, USA, 25-26 Oct. 1995, *(SPIE)* [1995] 60560, 60589, 60666–7, 61344–5, 63190, 63216, 63305–7, 63427–30, 63495, 63838–40, 63880, 63925–6, 69054

Product assurance; Noordwijk, Netherlands, 19-21 March 1996, [Noordwijk, Netherlands: ESA 1996] 102401

Product development management; Gothenburg, Sweden, 30-31 May 1992, [July 1996] 103218 (introductory abstract)

Production and decay of hyperons, charm and beauty hadrons; Strasbourg, France, 5-8 Sept. 1995, *(CERN; CRN; DESY)* [June 1996] 119982, 120130–4, 120230

Progress in the search for extraterrestrial life; Santa Cruz, CA, USA, 16-20 Aug. 1993, [1995] 76435, 78643, 79102–11

Project management and scheduling; Leuven, Belgium, 12-15 July 1994, [19 April 1996] 72472

Projection displays; San Jose, CA, USA, 29-31 Jan. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 82054 (introductory abstract), 85238, 87565, 89217–45

Protocols for high speed networks; Vancouver, BC, Canada, 10-12 Aug. 1994, *(IFIP) G.Neufield, M.Ito (editor/s),* [London, UK: Chapman & Hall 1995] 112727 (introductory abstract), 118058, 118089–95, 118131–8, 118186, 118515, 118518, 118587–8

Public transport electronic systems; London, UK, 21-22 May 1996, *(IEE; Assoc. Transport Co-ordinating Officers; Chartered Inst. Transport; et al)* [London, UK: IEE 1996] 72096 (introductory abstract), 86886, 88099, 88196, 88783–4, 90728, 91837–40, 91869, 91918

Public uses of cryptography; London, UK, 11 April 1996, *(IEE)* [London, UK: IEE 1996] 71987 (introductory abstract), 76721, 77829

Pulp and paper; Montreal, Que., Canada, 30 Jan.-2 Feb. 1996, [Montreal, Que., Canada: Canadian Pulp & Paper Assoc. 1996] 82096 (introductory abstract), 122109

Pulp and paper industry; Birmingham, AL, USA, 10-14 June 1996, *(IEEE Ind. Applications Soc.; Process Ind. Dept.; Pulp & Paper Ind. Committee)* [New York, NY, USA: IEEE 1996] 82065 (introductory abstract), 82112, 82139, 87712, 91171–2, 91425–8, 91499, 91588, 91688, 91778–80, 91989–99

Pulse oximetry; London, UK, 29 May 1996, *(IEE)* [London, UK: IEE 1996] 80371–3, 90330–3, 90417

Pulsed metal vapour lasers; St. Andrews, UK, 6-10 Aug. 1995, *C.E.Little, N.V.Sabotinov (editor/s),* [Dordrecht, Netherlands: Kluwer Academic Publishers 1996] 112730 (introductory abstract), 116371–86

Purification, doping and defects in II-VI materials; Strasbourg, France, 22-24 May 1995, *(Banque Populaire; Centre de Res. Nucl.; Centre Nat. Res. Sci.; et al)* [April 1996] 92045 (introductory abstract), 92667–74, 94346–54, 94478, 94587, 94715–22, 102988

Quadratic assignment; New Brunswick, NJ, USA, 20-21 May 1993, [Providence, RI, USA: American Math. Soc. 1994] 92481, 92522–6, 92569, 93071–2, 97813, 98738

Quality and reliability in electronics; Budapest, Hungary, 16-18 Oct. 1995, *(INTERBIP Microelectron)* [Budapest, Hungary: Sci. Soc. Telecommun. (HTE) 1995] 103219 (introductory abstract), 92094, 92124, 92143, 92275, 92312, 92347–50, 93079, 93103, 93972, 94600, 94634, 94845–7, 94877–8, 94905, 94937, 95020, 95074–5, 95131–3, 95196–8, 96004, 98364, 98499–501, 98520, 98552, 98561–2, 98614–6, 98627, 98804, 98983, 99013–5, 99735, 101487

Quantitative microscopy; Braunschweig, Germany, 4-5 Oct. 1995, *K.Hasche, W.Mirande, G.Wilkening (editor/s),* [Braunschweig, Germany: Phys.-Tech. Bundesanstalt Braunschweig und Berlin Nov. 1995] 72021 (introductory abstract), 74588, 74645–8, 76319, 79219–21, 79333–42, 79416, 79471, 79702–4

Quantum 1/f noise and other low frequency fluctuations in electronic devices; St. Louis, MO, USA, 27-28 May 1994, [1996] 103254 (introductory abstract), 104297, 104887, 105088–9, 105320, 105728, 105855–6, 105898–9, 105963, 106065–6, 106683–4, 109979

Quantum electronics; Southampton, UK, 4-7 Sept. 1995, [May 1996] 72087 (introductory abstract), 64605, 65036, 65093–4, 65161–3, 65173, 65417, 65508–10, 68482

Quantum electronics and laser science; Anaheim, CA, USA, 2-7 June 1996, *(Opt. Soc. America; IEEE/Lasers & Electro-Opt. Soc.; Div. Laser Sci. APS; Quantum Electron. Div. Eur. Phys. Soc.; Japanese Quantum Eletron. Joint Group)* [Washington, DC, USA: Opt. Soc. America 1996] 103310 (introductory abstract), 94559–63, 95666, 96118, 96132, 96238, 96436, 96735–43, 99602, 100260, 103433, 105316–9, 105379, 105439, 105751, 105842, 106745–7, 106756, 106780, 106784, 106879, 106995, 107036, 107042, 107122, 107154–5, 107163, 107191, 107200, 107212, 107284–90, 107320–2, 107344–55, 107409–11, 107415, 107426–7, 107430, 107513–28, 107545–60, 107574–84, 107614–6, 107977, 109675, 109966, 110091, 110197, 110403, 114726–8, 114833, 116069, 116158, 116255, 116303, 116486, 116583, 116650–2, 116670–6, 117115, 119179

Quantum optics; Budmerice Chateau, Slovakia, 31 May-3 June 1996, [June 1996] 85348–50, 88531, 89095

Radar; Ann Arbor, MI, USA, 13-16 May 1996, *(IEEE Southeastern Michigan Sect.; IEEE Aerosp. & Electron. Syst. Soc)* [New York, NY, USA: IEEE 1996] 60385 (introductory abstract), 62637, 65820–2, 65857–8, 66006, 66043, 66158–60, 66163–8, 67392, 68541, 68571–600, 68605–20, 68652–701, 68707, 70344, 70471, 70497, 70586–607, 107867, 107914, 109701, 109709–30, 109750–5, 109766–92, 111197, 111407, 111416–20

Radiation and its effects on components and systems; Arcachon, France, 18-22 Sept. 1995, [June 1996] 72037 (introductory abstract), 72308, 73301, 73386–91, 73461–3, 73608, 73813, 74494–6, 74669, 74693, 74707, 74738–44, 74823, 74846–50, 75506–8, 75567, 76027, 80021, 80532, 80561–3, 89062, 90122, 90645, 103394, 103408, 103467, 104337, 104501, 104527–8, 104553–6, 104563–4, 104597–9, 104625, 104774, 104874–5, 105269–70, 105506–8, 105517, 105685, 105832, 105837, 105846, 105848–9, 105873–4, 105889, 105915–7, 106014–25, 106046–7, 106180, 106184–5, 106215–22, 106228–9, 106810–6, 106854, 107016–7, 107342, 109693, 109925, 110014, 110476, 110508–10, 110602–8, 111028–30, 111032, 111048–50, 111238

Radiation effects data workshop; Madison, WI, USA, 17-21 July 1995, [New York, NY, USA: IEEE 1995] 60386 (introductory abstract), 61689, 61723, 61877, 61925–6, 61991, 62333, 63854, 63904, 63932, 69899–900, 70317, 70319, 70337–8

Radiation effects in insulators; Catania, Italy, 11-15 Sept. 1995, *(Univ. Catania; Consorzio Catania Ric.; Consiglio Nat. Ric.; et al)* [Aug. 1996] 114898, 116716, 119244

Radio emission from the stars and the Sun; Barcelona, Spain, 3-7 July 1995, [1996] 79114

Radio frequency power in plasmas; Palm Springs, CA, USA, 17-19 May 1995, [1996] 74057, 76559, 76575–6, 76629

Radiocommunication systems networking aspects; London, UK, 11 March 1996, *(IEE)* [London, UK: IEE 1996] 60358 (introductory abstract)

Radiometry; Berlin, Germany, 19-21 Sept. 1994, [May 1996] 72043 (introductory abstract), 85273, 88892–3, 88895, 88905–6, 89038, 89067–83, 89090–2, 89101–2, 89528–9, 90702

Railroad conference; Oakbrook, IL, USA, 30 April-2 May 1996, *(Rail Transp. Div. ASME; Vehicle Technol. Soc. Land Transp. Div. IEEE) A.R.Hiatt, N.Vutz (editor/s),* [New York, NY, USA: IEEE 1996] 82066 (introductory abstract), 82183, 82800, 88477, 91841–62

Railway and tracked transit system noise; Voss, Norway, 21-24 June 1995, [30 May 1996] 68937

Random structures and algorithms; Atlanta, GA, USA, 16-20 May 1995, [Aug.-Sept. 1996] 103558, 103579

Rapid prototyping and manufacture; Helsinki, Finland, 4-6 June 1996, [Nottingham, UK: Univ. Nottingham 1996] 116799

Rapid system prototyping; Thessaloniki, Greece, 19-21 June 1996, *(IEEE Comput. Soc. Tech. Committee on Simulation; IEEE Comput. Soc. Tech. Committee on Test Technol.; ACM SIGSIM)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 73049–57, 73290, 73443, 73860, 77457, 77751, 77843, 78539, 79173

Rapid thermal and integrated processing; Acquafredda di Maratea, Italy, 3-14 July 1995, *F.Roozeboom (editor/s),* [Dordrecht, Netherlands: Kluwer Academic Publishers 1996] 60415 (introductory abstract), 82670, 82751, 83783, 84052–9, 84175–8, 84235, 84548, 84828, 91751

Reactor physics and environmental analyses; Portland, OR, USA, 30 April-4 May 1995, *(ANS; Eur. Nucl. Soc.; Atomic Energy Soc. Japan)* [July 1996] 91294

Reactor physics calculations in Nordic countries; Espoo, Finland, 8-9 May 1995, *R.Hoglund (editor/s),* [Espoo, Finland: Tech. Res. Centre Finland 1995] 60365 (introductory abstract)

Real-time imaging; San Jose, CA, USA, 29-30 Jan. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 66889–902

Real-time systems '95; Szlarska Poreba, Poland, 20-23 Sept. 1995, [Wroclaw, Poland: Officyna Wydawnicza Politech. Wroclawskiej 1995] 104565, 104617, 109261

Real-time technology and applications; Brookline, MA, USA, 10-12 June 1996, *(IEEE Comput. Soc. Tech. Committee on Real-Time Systems)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 82142, 83606, 87328, 87449, 87598, 87753, 88805

Rechargeable Li and Li-ion batteries; Miami Beach, FL, USA, 9-14 Oct. 1994, *S.Megahed, B.M.Barnett, L.Xie (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1995] 72091 (introductory abstract), 81658–705, 81961

Reliability engineering; Honolulu, HI, USA, 15-17 Aug. 1994, *(IASTED) H.Pham (editor/s),* [Anaheim, CA, USA: IASTED-ACTA Press 1994] 60389 (introductory abstract), 60719–20, 70570, 71117, 71175

Reliability of electron devices, failure physics and analysis; Enschede, Netherlands, 8-11 Oct. 1996, [Nov.-Dec. 1996] 112661 (introductory abstract), 112862–3, 112901–3, 112951–3, 113037–8, 113047, 113475, 113719, 113754–5, 113783, 113953, 114341, 114361, 114950, 114986, 115028–34, 115117–8, 115147, 115169–70, 115178, 115202, 115218–22, 115228–9, 115251–3, 115266–8, 115296–9, 115309–10, 115320, 115322, 115324–5, 115351–6, 115362–5, 115367–9, 115374, 115405–7, 115462, 116280–1, 116474, 116551–2, 116815, 118747, 119419, 119507

Reliability of metals in electronics; Reno, NV, USA, 21-26 May 1995, *H.S.Rathore (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1995] 60347 (introductory abstract), 60724–6, 61448, 63408, 63468–81, 63870

Reliability physics; Dallas, TX, USA, 30 April-2 May 1996, *(IEEE Electron Devices Soc.; IEEE Reliability Soc)* [New York, NY, USA: IEEE 1996] 103297 (introductory abstract), 93387–92, 93486, 93616, 93990–1, 94153, 94630–1, 94640, 94836–41, 94852, 94944–6, 95013–4, 95026–31, 95123–5, 95161, 95192, 95201, 95205–6, 95217, 95253–5, 96043, 96433–5, 103517, 104969, 105830, 105854, 106188, 106246, 107266, 110351

Reliability, quality control, and risk assessment; Washington, DC, USA, 3-4 Oct. 1994, *(IASTED; American Soc. Quality Control) H.Pham, M.H.Hamza (editor/s),* [Anaheim, CA, USA: IASTED-ACTA Press 1994] 60388 (introductory abstract), 60673, 60708, 60823, 67753, 68001, 68982, 69524, 70004, 70689

Research and development in information retrieval; Zurich, Switzerland, 18-22 Aug. 1996, [1996] 97653

RF Expo East 1994; Orlando, FL, USA, 15-17 Nov. 1994, *(RF Design Magazine)* [Englewood, CO, USA: Argus Business 1994] 72011 (introductory abstract), 73130–1, 73157, 73172, 73760, 73818, 74660, 75064, 76573, 78624, 80736, 82988, 83003, 83011, 83195, 83215, 83420, 84312, 85963, 88077–80, 88762

RF Expo West 1994; San Jose, CA, USA, 22-24 March 1994, *(RF Design Magazine)* [Atlanta, GA, USA: Argus Business 1994] 60411 (introductory abstract), 72213–4, 73118–20, 73137, 73146–7, 73154–5, 73665, 73683, 73744–5, 73750, 75067, 76615, 77279, 78357, 78429–34, 78491–4, 78614, 78642, 78644, 78842, 79136, 79145, 79265, 79273, 79651

RF Expo West 1995; San Diego, CA, USA, 29 Jan.-1 Feb. 1995, *(EMG Test & Design; RF Design)* [Atlanta, GA, USA: Argos Business 1995] 72051 (introductory abstract), 92098, 92145, 93034, 93136–9, 93163, 93183, 93186, 93504, 93543, 93553, 93702, 93860, 93954, 96920, 97156–63, 97314, 97418, 97438, 98662–4, 99054–6, 99142–6, 99455–6, 99682, 99833, 99883, 101443, 101550

RF superconductivity; Gif sur Yvette, France, 17-20 Oct. 1995, [1996] 112717 (introductory abstract), 119966–7, 119977–81, 120026–30

Road traffic monitoring and control; London, UK, 23-25 April 1996, *(ARRB Transport Res.; CSS; GAMBICA; ICE; IEEE; IHT; IMechE; ITE; ITS Focus; LOTAG; RIN)* [London, UK: IEE 1996] 92036 (introductory abstract), 97178, 98246, 98340, 98737, 99388, 99854–5, 99868–9, 100029, 100259

Robot and human communication; Tokyo, Japan, 5-7 July 1995, *(IEEE Ind. Electron. Soc.; Inst. Electron., Inf. Commun. Eng.; Soc. Instrum. & Control Eng.; Robotics Soc. Japan; Japan Soc. Mech. Eng.; New Technol. Found.; Int. Media Res. Found.; Adv. Telecommun. Res. Inst.; IEEE Robotics & Autom. Soc.; IEEE Neural Networks Council; IEEE R&A Soc. Tech. Committee on Virtual Reality in Robotics; IEE of Japan; Inf. Process. Soc. Japan; ; Inst. Image Electron. Eng. Japan; Japanese Psychol. Assoc.; Japan Soc. Med. Electron. & Biological Eng.; Inst. Television Eng. Japan; Japan Neural Network Soc.; ; Japan Soc. Fuzzy Theory & Syst.; Japan Soc. Artificial Intelligence; Japan Ergonomics Res. Soc)* [New York, NY, USA: IEEE 1995] 108734–6, 109179–81, 109260, 110031, 110146, 110310, 110940, 112008

Robot control '94; Capri, Italy, 19-21 Sept. 1994, *(IFAC)* [Oxford, UK: Elsevier Science 1995] 106404–6, 108731–2, 110375, 110393–4, 119866

Robotics and automation; Minneapolis, MN, USA, 22-28 April 1996, *(IEEE Robotics & Autom. Soc)* [New York, NY, USA: IEEE 1996] 72257, 72356, 75065, 76954, 77007, 77299–302, 77448–53, 77525–30, 79007, 79014, 79020, 79022–3, 79260, 79364, 79394–5, 79559, 79567, 79701, 79711–6, 80493–4, 80694–5, 80700, 81052, 81107, 81504, 82150, 82187–8, 82286–7, 82428–9, 83651, 84652–3, 85969, 86233, 86767–85, 88529, 89016–7, 89155, 89493, 89513–4, 89579, 90278, 90557, 90615, 91467–8, 91571

Role of imaging in the early diagnosis of cancer; Vancouver, BC, Canada, 20-22 June 1996, [May 1996] 80213–4, 80294–5, 80444–9, 80458, 80509–12

Rural electric power; Fort Worth, TX, USA, 28-30 April 1996, *(Rural Electr. Power Committee of the IEEE Ind. Applications Soc. IEEE)* [New York, NY, USA: IEEE 1996] 71983 (introductory abstract), 70623, 70744, 70877, 70885–94, 70975, 71259–60, 71329, 71553

SAFEPROCESS '94: fault detection, safety and supervision; Espoo, Finland, 13-16 June 1994, *(IFAC) T.Ruokonen (editor/s),* [Espoo, Finland: Helsinki Univ. Technol. 1994] 103235 (introductory abstract), 103383, 103473–4, 103476–7, 103485, 103503–16, 103521, 104431, 108272–3, 109983, 109985, 109988, 110004, 110435, 111702–4, 111710, 111724–5, 111727, 111742–3, 111787–8, 111878–9, 111987–91, 112015–7, 112435

Satellite communications; London, UK, 17 April 1996, *(IEE)* [London, UK: IEE 1996] 71988 (introductory abstract), 78158, 78588–91, 80709

Satellite systems for mobile communications and navigation; London, UK, 13-15 May 1996, *(IEE)* [London, UK: IEE 1996] 72095 (introductory abstract), 85858–60, 85964, 88169–95, 88402–6, 88776–82, 88796–7, 88800

Scanning tunneling microscopy/spectroscopy and related techniques; Snowmass, CO, USA, 25-29 July 1995, [March-April 1996] 60569, 61145, 61244, 61425–6, 62656, 62813, 63112, 63120–2, 63173, 63339, 63374–5, 63411, 63511, 64006–7, 64382, 64460–1, 64522, 64618, 64918, 68958–9, 69076–9, 69337, 69371, 69425, 69512–3, 79722

Science of hard materials; Maui, HI, USA, 20-24 Feb. 1995, [May 1996] 95369

Screened rooms and open area test sites measurements; London, UK, 6 March 1996, *(IEE)* [London, UK: IEE 1996] 60355 (introductory abstract), 65873–8

SDL and MSC; Oslo, Norway, 25-29 Sept. 1995, [June 1996] 77722–3

Seafloor mapping in the West and Southwest Pacific; Lifou-Noumea, New Caledonia, 4-9 Nov. 1994, [June 1996] 111097, 111247–9

Search for extraterrestrial intelligence in the optical spectrum; San Jose, CA, USA, 31 Jan.-1 Feb. 1996, *(SPIE)* [1996] 112715 (introductory abstract)

Second generation plasma accelerators; Kardamyli, Greece, 26-30 June 1995, [April 1996] 71969 (introductory abstract), 79767–9, 79838–50, 79982–3

Security and privacy; Oakland, CA, USA, 6-8 May 1996, *(IEEE Comput. Soc. Tech. Committeee on Security & Privacy; Int. Assoc. Cryptologic Res)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 76682, 76751–3, 77743, 77888

Security technology; Lexington, KY, USA, 2-4 Oct. 1996, *(IEEE Lexington Sect. USA; IEEE Aerosp. & Electron. Syst. Soc., USA; Chung Shan Inst. Sci. & Technol., Taiwan, ROC; Nat. Chiao-Tung Univ. Taiwan, ROC; Lexington-Fayette Urban Police Dept.; Police Sci. Dev. Branch, UK; Georgia Tech Res. Inst., USA; Univ. New Mexico, USA)* [New York, NY, USA: IEEE 1995] 112827, 112837–9, 113056, 117521, 117873–6, 118155–6, 118502, 118541, 119073, 119264, 119319, 119340, 119488–92, 119666–7, 119740–1, 120937, 120940, 120947–8

Self-calibrated intelligent optical sensors and systems; Philadelphia, PA, USA, 25-26 Oct. 1995, *(SPIE)* [1996] 72005 (introductory abstract), 75480–1, 77345, 78833, 79345–6, 79474–97, 80332, 81180, 89129–30

Semiconductor; Sinaia, Romania, 11-14 Oct. 1995, *(IEEE Electron Devices Soc)* [New York, NY, USA: IEEE 1995] 61657, 62085, 62256–8, 62316–7, 62710, 62778, 63187, 63524–5, 63546–8, 63644, 63682–4, 63837, 63878, 63921–2, 64778–9, 64927–9, 65207–8, 67619, 68360, 69035–9, 69132–3, 69345–6

Semiconductor devices; New Delhi, India, 11-16 Dec. 1995, [New Delhi, India: Narosa Publishing House] 103437, 103823, 103827–9, 103997–4007, 104075–6, 104081–2, 104140–3, 104551–2, 104562, 104843–9, 104855, 104873, 104885, 104890, 105093, 105118, 105129–30, 105175–6, 105189, 105202–4, 105218–20, 105231, 105267–8, 105304–7, 105376–8, 105435–8, 105458–60, 105482, 105505, 105522, 105540, 105543, 105574, 105597–600, 105678–84, 105721–2, 105737–8, 105744–6, 105871–2, 106005–13, 106045, 106084, 106094–6, 106101–2, 106149–50, 106159–61, 106176–9, 106183, 106212–4, 106238, 106241, 106292, 106471, 106755, 106773, 106837–8, 106938, 106951–2, 106975, 106982–3, 107319, 107339–41, 109308, 110128–30, 110167, 110172, 110207–8, 110217, 110268–9, 110452, 112177, 112410–4, 112416–20

Semiconductor physics; Rio de Janeiro, Brazil, 16-21 July 1995, [March 1996] 72044 (introductory abstract)

Semiconductor thermal measurement and management; Austin, TX, USA, 5-7 March 1996, [New York, NY, USA: IEEE 1996] 103311 (introductory abstract), 103312, 103438–49, 103468–9, 103494, 104338, 104600, 104929, 104945, 104967, 104974, 106026, 110423, 110426, 111051

Semiconductor wafer bonding: physics and applications; Reno, NV, USA, 21-26 May 1995, [Pennington, NJ, USA: Electrochem. Soc. 1995] 60598, 60680, 61243,

61641–2, 62347, 63150–64, 63193–205, 63368–72, 63460, 63629, 63859, 63887, 63909–10, 63937, 63998–4005, 64085, 65293, 69099, 69291, 69396, 69818

Semigroups, automata and languages; Porto, Portugal, 20-24 June 1994, [Singapore: World Scientific 1996] 92480, 97524

Sensor fusion and networked robotics; Philadelphia, PA, USA, 23-24 Oct. 1995, *(SPIE)* [1995] 60372 (introductory abstract), 66651–3, 66975–9, 68705

Sensors and instrumentation systems teaching; London, UK, 3 June 1996, *(IEE)* [London, UK: IEE 1996] 72020 (introductory abstract), 72106–10, 72121–8, 81219

Sensors Expo Boston; Boston, MA, USA, 16-18 May 1995, [Peterborough, NH, USA: Helmers Publishing 1995] 82098 (introductory abstract), 82119, 82143, 82291–4, 82807, 84654–9, 85788, 87755, 87889–90, 88530, 88925, 88960, 89019–26, 89125–6, 89159, 89545, 90279, 91263, 91921

Sensors Expo Chicago; Chicago, IL, USA, 12-14 Sept. 1995, [Peterborough, NH, USA: Helmers Publishing 1995] 103288 (introductory abstract), 92078, 95229–33, 95332, 99866–7, 99880, 99955, 99966–70, 100150, 100156, 100335, 101045, 101435, 103131, 103190

Sensors for fluid flow measurement; London, UK, 18 April 1996, *(IEE)* [London, UK: IEE 1996] 60371 (introductory abstract), 69040–8, 69250, 69506, 69569, 69892

Services in distributed and networked environments; Macau, 3-4 June 1996, *(IEEE Comput. Soc. Tech. Committee on Distributed Process)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 112702 (introductory abstract), 118205, 118232–4, 118340–8, 118570, 118858–9

Si heterostructures; Heraklion, Greece, 11-14 Sept. 1995, [Aug. 1996] 112695 (introductory abstract), 113315–36, 113405, 113445, 114667–8, 114690–1, 114733, 114804, 114830, 114846, 115137–8, 115373

SID '94: information display; San Jose, CA, USA, 14-16 June 1994, *J.Morreale (editor/s),* [Santa Ana, CA, USA: SID 1994] 82083 (introductory abstract), 82318, 82353–4, 82765–6, 83007, 83096, 83167, 83189, 83192, 83722–4, 83755–6, 83773–7, 84443–4, 84598, 85114–6, 85139–46, 85248, 85269–71, 85295–8, 85759, 86113, 86979, 87213–23, 87647–8, 87963, 88817, 88830, 88839–40, 89173–4, 89210, 89284–304, 89361–458, 90619–20, 90680. 90703–6, 90709–14, 90875, 90882, 90901, 91924, 100190–202

SIGCOMM '96; Stanford, CA, USA, 26-30 Aug. 1996, *(Ipsilon; Qualcomm; Intel; Fore Syst.; Netscape)* [Oct. 1996] 112707 (introductory abstract), 117964, 118054, 118059–60, 118119–29, 118146–7, 118163, 118411–6, 118459, 118779, 119010

SIGDOC '95: systems documentation; Savannah, GA, USA, 2-4 Oct. 1995, *(ACM)* [New York, NY, USA: ACM 1995] 60508, 60535, 67686

Signal and data processing of small targets; Orlando, FL, USA, 9-11 April 1996, *(SPIE)* [1996] 112659 (introductory abstract), 108294–8, 108372–9, 108546–56, 108648–60, 109704–7, 109731, 109763, 110070, 111069, 111409–14, 111421–2

Signal processing applications and technology; Dallas, TX, USA, 18-21 Oct. 1994, [Waltham, MA, USA: DSP Associates 1994] 82084 (introductory abstract), 83168–71, 83243–4, 86040, 86114, 86155, 86286–90, 87224–5, 87636–8, 87869, 87988–90, 87999–8004, 88017, 88021, 88117–9, 88300–4, 88857, 88874, 92292–3, 93046–7, 93189, 93402–21, 93430–2, 93438–61, 93463–73, 93503, 93524–5, 94043, 94110, 94129, 97359–61, 97449, 97472–4, 97589–94, 97604–22, 97683–9, 97705, 97741–51, 97756–62, 97910–5, 97969–80, 98097–8, 98112–29, 98410, 98602, 98625, 98808–9, 98812, 98906, 98928–9, 98934–5, 98937, 98939–40, 98943, 98945–58, 99073–4, 99140–1, 99152, 99419, 99611–2, 99614, 99637, 99641–5, 99674–5, 99683–4, 99716, 99748, 99756–7, 99802–3, 99809–11, 99870–1, 99893–4, 100265, 100268, 100346, 101052–7, 101059, 101091, 101143, 101348–53, 101438–9, 101551, 101643, 101645, 101648, 102610–1, 102684, 102734–5, 102768, 102779, 103168

Signal processing robotics and neural networks; Lille, France, April 1994, [July 1996] 86618

Signal processing, sensor fusion, and target recognition; Orlando, FL, USA, 8-10 April 1996, *(SPIE)* [1996] 103270 (introductory abstract), 116432, 117347–59, 117631–48, 119265–70, 119286–93, 119327, 119722, 120614, 120942–3

Signal separation and interference cancellation for personal, indoor, and mobile radio communications; Toronto, Ont., Canada, 27-29 Sept. 1995, [1996] 108380, 108809, 109349–51, 109446–50

Signals, systems and electronics; San Francisco, USA, 25-27 Oct. 1995, *(IEEE MTT-S; U.S. Army Res. Office; U.S. Office of Navel Res)* [New York, NY, USA: IEEE 1995] 82104 (introductory abstract), 82531, 82666, 82897, 82904, 82948, 82972–3, 82999, 83181–2, 83198, 83245–7, 83254, 83256, 83267, 83337–8, 83347–9, 83356–7, 83387–95, 83413–4, 83517–26, 83544–5, 83677, 83768, 84021, 84280, 84426, 84454, 84479–80, 84501, 84533, 84615, 84760, 84762, 84843, 85070, 85317, 85401, 85922–3, 85945, 85949, 85971, 86034, 86118–9, 86156–8, 86248–52, 86292–8, 86980–1, 87227–34, 87270, 87273, 87376, 87512, 88061, 88103–6, 88129–30, 88258–64, 88343–4, 88418–20, 88549, 88623–9, 88673–7, 88708, 88837, 88886, 89048, 90610–1, 91585

Silicon carbide and related materials; Kyoto, Japan, 18-21 Sept. 1995, *S.Nakashima, H.Matsunami, S.Yoshida, H.Harima (editor/s),* [Bristol, UK: IOP Publishing 1996] 103286 (introductory abstract), 103816–22, 103826, 103973–95, 104036–74, 104132–9, 104162–9, 105188, 105214–7, 105223–30, 105264, 105299–303, 105433–4, 105470–81, 105510–6, 105568, 105584–96, 105710–20, 105742, 105882–8, 105921–3, 105986, 106039–44, 106091–3, 106239–40, 106980–1, 107015, 107338, 110273, 113478–82, 114578–9, 114628–9, 114658, 114890–2, 114954, 115144, 115246–7, 115371, 116262–5, 116519–21, 119777

Silicon carbide materials for optics and precision structures; San Diego, CA, USA, 12-13 July 1995, *(SPIE)* [1995] 64607–8, 64867–9, 65395, 65407–8, 65420

Silver halide and electronic imaging; London, UK, 21 Sept. 1995, [1996] 79532, 79606–7, 80287–8

Simulation; New Orleans, LA, USA, 8-11 April 1996, *(SCS; IEEE Comput. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 61551, 61699, 67523–4, 67604, 67755–6

Single molecule detection: basics and applications in life sciences; Berlin, Germany, 4-6 Oct. 1995, *(Becker & Hickl GmbH; BiosQuant GmbH; Edinburgh Instrum.; et al)* [1995] 119568

Single particle effects in large hadron colliders; Montreaux, Switzerland, 15-21 Oct. 1995, [1996] 112718 (introductory abstract), 120049–70

SITE '96: IT and teacher education; Phoenix, AZ, USA, 13-16 March 1996, [Charlottesville, VA, USA: Assoc. Advancement of Comput. Educ. 1996] 92051–76, 92080–1, 98617–21, 98689–91, 98703, 98811, 98862–6, 98879

Small college computing; Greenville, SC, USA, 11-12 Nov. 1994, [Jan. 1995] 72146

Smart electronics and MEMS; San Diego, CA, USA, 28-29 Feb. 1996, *(SPIE; ASME; Soc. Experimental Mech.; U.S. Army Res. Office; et al)* [1996] 103232 (introductory abstract), 104198–201, 104802, 106279–89, 106577, 106885, 106950, 108055–6, 108371, 110132, 112586, 115375, 116017, 116279, 119591, 119693, 120932

Smart materials technologies and biomimetics; San Diego, CA, USA, 26 Feb.-2 March 1996, *(SPIE; ASME; SEM; US Arby Res. Office; ARPA)* [1996] 103225 (introductory abstract)

Smart sensing, processing, and instrumentation; San Diego, CA, USA, 26-28 Feb. 1996, *(SPIE; ASME; Soc. Experimental Mech.; U.S. Army Res. Office)* [1996] 112711 (introductory abstract)

Smart structures and integrated systems; San Diego, CA, USA, 26-29 Feb. 1996, *(SPIE; ASME; Soc. Exp. Mech. Eng.; Soc. Experimental Mech.; et al)* [1996] 103265 (introductory abstract), 113557–60, 115454–5, 115487–8, 115871, 119583, 119633, 120690, 121525–7

Social aspects of the National information infrastructure; Washington, DC, USA, June 1995, [Spring 1996] 67626–7

Society for Computers in Psychology meeting; Los Angeles, CA, USA, 9 Nov. 1995, [May 1996] 87452, 87881

Software applications in electrical engineering; Montreal, Que., Canada, July 1993, *P.P.Silvester (editor/s),* [Southampton, UK: Comput. Mech. Publications 1993] 60344 (introductory abstract), 60434–5, 60601–2, 60909, 61528–35, 61589, 62084, 62220, 62311, 62366, 62380, 63681, 63766, 63802, 65602–3, 65711, 65722, 65871–2, 66011, 68547, 71265, 71294, 71332, 71360, 71556, 71743–4, 71813–6

Software quality; Basel, Switzerland, 17-20 Oct. 1994, [Zurich, Switzerland: VDF Hochschulverlag AG an der ETH 1994] 118714, 118736

Software safety; Ottawa, Ont., Canada, 28-29 June 1993, [Waterloo, Ont., Canada: Inst. Risk Res. 1994] 101428, 101486, 102383, 102405

Software testing and analysis; San Diego, CA, USA, 8-10 Jan. 1996, *(ACM)* [May 1996] 67572, 67738, 68012

Software tool assessment; Toronto, Ont., Canada, 22-24 May 1996, *(IEEE Comput. Soc. Tech. Council on Software Eng.; Univ. Toronto)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 78056

Solar drivers of interplanetary and terrestrial disturbances; Sunspot, NM, USA, 16-20 Oct. 1995, [1996] 90156

Solar polarization; St. Petersburg, Russia, 8-12 May 1995, [March 1996] 69322

Solid electrolytes, science and technology; The Internet, 1-30 June 1995, [May 1996] 113532, 114342, 116103, 119594

Solid films and surfaces; Hsinchu, Taiwan, 12-16 Dec. 1994, [Feb. 1996] 61167–76, 61302–8, 61322–32, 62663–4, 62705, 62775, 62796–7, 62843–5, 63090–3, 63127–8, 63181, 63211–2, 63232–3, 63269–76, 63420, 63488, 63587, 64075, 64590, 64892, 64905–8, 64961, 64990, 69129–30, 69328, 69342, 69384, 71696

Solid oxide fuel cells; Yokohama, Japan, 18-23 June 1995, *(Electrochem. Soc.; SOFC Soc. Japan; Comm. Eur. Union) M.Dokiya, O.Yamamoto, H.Tagawa, S.C.Singhal (editor/s),* [Pennington, NJ, USA: Electrochem. Soc. 1995] 72057 (introductory abstract), 81367, 81746–864, 81866–8, 81971

Solid-state and integrated circuit technology; Beijing, China, 24-28 Oct. 1995, *(Chinese Inst. Electron.; IEEE Electron Devices Soc) G.L.Baldwin, Z.Li, C.C.Tsai, J.Zhang (editor/s),* [New York, NY, USA: IEEE 1995] 72053 (introductory abstract), 82117, 82154, 82167, 82260, 82278, 82581, 82667–9, 82750, 82823, 82828, 82838–9, 82887, 82962–3, 82974–6, 82996, 83050–1, 83056–7, 83097–9, 83109–11, 83137, 83178, 83183–4, 83212, 83253, 83262, 83287, 83396, 83415, 83462, 83527–8, 83647, 83678, 83749–52, 83805, 83820–1, 83853, 83874, 83955, 83988, 83994, 84010–1, 84022–6, 84037–41, 84051, 84066, 84069, 84073, 84099–101, 84109–10, 84149–50, 84173–4, 84198–200, 84208–14, 84233–4, 84241–6, 84290–1, 84302, 84337–42, 84356, 84359, 84391–2, 84427–34, 84455–6, 84464, 84481–2, 84491–6, 84525–7, 84534–7, 84546–7, 84553–6, 84567–8, 84572, 84576–85, 84601–3, 84607, 84610, 84666, 84669, 84726, 85259, 85262, 85277–8, 85323–4, 85474, 85494, 87626, 88550, 89015, 89093, 89152, 89188, 89519, 91744–5, 92158, 93035, 93200, 93230–3, 93422–4, 93606, 93620, 93637, 93943, 94217, 94459–61, 94607, 94647, 94675–6, 94736–8, 94854–6, 94880, 94913–4, 94961–2, 95102–4, 95170–2, 95895, 97595–6, 99981–2, 100103–4, 100203

Solid-state circuits; San Francisco, CA, USA, 8-10 Feb. 1996, *J.H.Wuorinen (editor/s),* [New York, NY, USA: IEEE 1996] 71984 (introductory abstract), 72304, 73038, 73093, 73115, 73123–4, 73165–7, 73170, 73194, 73248–51, 73288–9, 73305–6, 73344–57, 73368–71, 73394–7, 73421–31, 73438–42, 73466–8, 73471–2, 73476–7, 73482–93, 73499–504, 73518, 73534, 73547, 73571, 73574, 73576, 73578–80, 73586–7, 73611, 73786, 73802–5, 74822, 74843, 74851, 75061, 75261–4, 75416, 76681, 76747, 77293, 77531–7, 78055, 78271, 78295–8, 78311, 78330, 78351–2, 78366–7, 78465, 78534–7, 78636, 78826, 78866–7, 79135, 79139–40, 79146, 79182, 79200, 79279, 79362–3, 79414, 79428, 79541–8, 79622

Solid state dosimetry; Budapest, Hungary, 10-14 July 1995, *(Bubble Technol. Ind.; Harshaw/Bicron Technol. Vertriebs-GmbH; Hungarian Acad. Sci.; et al)* [1996] 92019 (introductory abstract), 95971, 95976, 101451–6, 101463–8, 106953–5, 110609, 110959–74, 110976–1003, 120559–78

Solid state lasers; St. Petersburg, Russia, 27 June-1 July 1995, *(SPIE)* [1996] 103228 (introductory abstract), 103416, 106912, 107165–86, 107239, 107356, 107405–7, 107429, 107439–40, 107491–2, 111300–2

Solid state lasers for application to inertial confinement fusion; Monterey, CA, USA, 31 May-2 June 1995, *(SPIE; Lawrence Livermore Nat. Lab.; Centre d'Etudes Limeil-Valenton)* [1995] 82053 (introductory abstract), 82346, 84936–7, 85085–6, 85244–6, 85284, 85412–32, 85551–7, 85561–7, 85613–6, 85697–9, 85734–5, 89531, 92656, 93182, 96090–1, 96157–60, 96580–1, 96585, 96604

Solid state lasers V; San Jose, CA, USA, 29-30 Jan. 1996, *(SPIE)* [1996] 103216 (introductory abstract), 96121–9, 96191–6, 96213–25, 96577, 96598, 96677–8

Solid state physics; Calcutta, India, 27-31 Dec. 1995, *(Board of Res. Nucl Sci., Dept. Atomic Energy, Gov. India)* [Sept. 1996] 113271, 114653, 116153, 119742, 120087, 120235, 121877

Solid state sensor arrays and CCD cameras; San Jose, CA, USA, 31 Jan.-2 Feb. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 92022 (introductory abstract), 95068, 96862, 98272–6, 99753, 99898, 100032, 100117–41, 100901, 102404

Solid state sensors; London, UK, 26 Sept. 1995, [London, UK: ISHM-UK 1995] 103314 (introductory abstract)

Solid-state sensors and actuators; Stockholm, Sweden, 25-29 June 1995, [Stockholm, Sweden: Found. Sensors & Actuator Techol. 1995] 63849, 63980–7, 64864, 65413, 69068–73, 69332–5, 69352–62, 69571, 70121–2, 70531, 71366, 82774, 82782, 82795, 83276, 83686, 84081, 84125, 84252, 84620–37, 84645–51, 84684, 84722, 84743, 84849, 85084, 85265, 85272, 85320, 85550, 88469, 88940, 88957, 88976–94, 89065–6, 89116–7, 89524, 90270, 90320, 91558, 91568, 115385, 119643–4, 119745–51, 119753–4, 119763–76, 119778–83, 119940–1, 119955, 120271–2, 120878

Sonar signal processing; Loughborough, UK, 18-20 Dec. 1995, [St. Albans, UK: Inst. Acoust. 1995] 66576, 66738–40, 67934, 68711–38, 70507–8, 70567

Southcon 94; Orlando, FL, USA, 29-31 March 1994, *(IEEE; ERA)* [New York, NY, USA: IEEE 1994] 71972 (introductory abstract), 60409–10, 60483–8, 60514–6, 60582–3, 60737, 61649–51, 61867, 61910–2, 61960–2, 62062, 62208, 62232, 62489, 62519, 63177, 63578, 63641–2, 63653, 63797, 63896–8, 63912, 63969, 64030, 65597, 65666, 65830, 65904–5, 65922, 66106, 66162, 66607, 67464, 67615, 67689, 67845, 67866, 67927–8, 68009, 68028, 68989, 69193, 69481, 70274, 70322, 70384, 70417, 70539–40, 70753, 70820, 70883–4, 70944–5, 70995, 71546–52, 71806, 71852–6, 71872–3, 71935

Southcon/96; Orlando, FL, USA, 25-27 June 1996, *(Region 3, IEEE; Florida Council, IEEE; Sunshine Chapter, ERA)* [New York, NY, USA: IEEE 1996] 103308 (introductory abstract), 103345–51, 103390–2, 103399, 103497–500, 104345–6, 104371, 104409, 104529–30, 104612–5, 104654, 104856, 105924–6, 106048–51, 106162–3, 106230–1, 107343, 107738, 107749, 107960, 107970, 108090, 108118, 108186, 108394–6, 108728–9, 108794–5, 108931, 109140–9, 109160, 109177, 109258–9, 109365–7, 109563–8, 109839, 109923, 110309, 111059, 111427, 111538–9, 111612, 111779, 111898–9, 112004, 112124–6, 112279, 112574–6

Southeastcon '96; Tampa, FL, USA, 11-14 April 1996, [New York, NY, USA: IEEE 1996] 103299 (introductory abstract), 92421, 92446, 94154, 95892, 96916, 96930, 97011, 97348, 97578–81, 97656–9, 97856, 98343–5, 98365, 98408, 98441–2, 98898–9, 99389, 99600–1, 101077, 101400, 101441–2, 101488, 101547, 102198, 102273, 102888, 103139, 103327–9, 103527–8, 103801, 104099, 104434–5, 104542, 104585, 105134, 105961–2, 106062–4, 106165, 106189, 106251, 107024, 107770, 107820, 107845, 107888–91, 107943, 107962, 108136–9, 108193–4, 108262–5, 108450–3, 108740, 108757, 108844, 108937, 109036–41, 109063, 109164–6, 109302, 109331–2, 109384–5, 109739–40, 109819–20, 110921, 111182, 111239, 111404, 111619, 111763, 111876, 111938, 112063–6, 112332

Space cryogenics; Calverton, MD, USA, 25-26 July 1996, [Oct. 1996] 112655 (introductory abstract), 111052–5, 111155–6

Space photovoltaic research and technology; Cleveland, OH, USA, 22-26 Oct. 1995, [March-April 1996] 72077 (introductory abstract), 70413–6, 71708–11

Space radiation environment: empirical and physical models; Dubna, Russia, 2-4 June 1993, [May 1996] 115349, 120581, 120615–7

Spectroscopy and structure of rare earth systems; Polanica Zdroj, Poland, 24-29 March 1996, [July 1996] 116048

STACS '96: theoretical aspects of computer science; Grenoble, France, 22-24 Feb. 1996, [Berlin, Germany: Springer-Verlag 1996] 60991

Statistical signal and array processing; Corfu, Greece, 24-26 June 1996, *(IEEE Signal Process. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 113623, 117291–3, 117467–519, 117865, 117920–30, 118809–11, 119070–2, 119275–8, 119308, 119331, 119351, 119385, 119486, 119954, 119957–8, 120402, 120470–2, 120703–4

Stereoscopic displays and virtual reality systems; San Jose, CA, USA, 30 Jan.-2 Feb. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 92023 (introductory abstract), 92133, 97518, 98215–9, 98280, 99752, 100217–29, 101216, 110288

Still-image compression II; San Jose, CA, USA, 29-30 Jan. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 67001–17

STOC '96: theory of computing; Philadelphia, PA, USA, 22-24 May 1996, *(ACM)* [New York, NY, USA: ACM 1996] 92411, 92459–62, 92511, 92515, 92582, 92596, 93043, 95162, 97466–8, 97488–90, 98183, 98376, 98381, 98461–3, 98508, 98692

Stochastic geometry, stereology and image analysis; Aarhus, Denmark, 27-31 Aug. 1995, [June 1996] 72001 (introductory abstract)

Stochastic models, optimization techniques and computer applications; Coimbatore, India, 15-17 Dec. 1994, [New Delhi, India: Wiley Eastern 1994] 103522, 104276, 111494, 111544

Stochastic programming, algorithms and models; Lillehammer, Norway, Jan. 1994, [June 1996] 82451–3, 91376

Storage and retrieval for still image and video databases IV; San Jose, CA, USA, 1-2 Feb. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 66918–26, 68849–56

Strangeness in hadronic matter; Tucson, AZ, USA, 3-7 Jan. 1995, [1995] 120156–60

Stress-induced phenomena in metallization; Palo Alto, CA, USA, 21-23 June 1995, *(AIP; Japanese Soc. Applied Phys.; Stanford Univ)* [1996] 112654 (introductory abstract), 114996–5012, 115021–5

Structure and properties of metallic thin films and multilayers; Strasbourg, France, 22-26 May 1995, [1 April 1996] 82737, 83939, 84207, 84298

Substation automation; Manchester, UK, 30 May 1996, *(IEE)* [London, UK: IEE 1996] 72018 (introductory abstract), 81036–7, 81629–30

SUGI: SAS users group; Chicago, IL, USA, 10-13 March 1996, [Cary, NC, USA: SAS Inst. 1996] 82835, 87522, 87624–5, 87729, 87785–6, 88098

Superconducting microwave circuits; London, UK, 19 April 1996, *(IEE)* [London, UK: IEE 1996] 60370 (introductory abstract), 62161–6, 62318–9, 66046

Superconductivity; Hualien, Taiwan, 8-11 Aug. 1995, [April 1996] 64503–4, 64506–9, 64548–50, 65594, 71730

Superconductivity advances; Kitakyushu, Japan, 8-11 Nov. 1994, *(Int. Superconductivity Technol. Center) K.Yamafuji, T.Morishita (editor/s),* [Tokyo, Japan: Springer-Verlag 1995] 72050 (introductory abstract), 75339–41, 75362, 75374, 81920, 82598, 82721, 82770, 82822, 83398–400, 83416, 83530, 84855–73, 84881–5, 84894–906, 84914–7, 84919–24, 84931–2, 85903–4, 89084, 89630, 90067, 90681, 91054, 91187–92, 91231–4, 91453–5, 91561, 91702, 91771–5, 91899–903

Superconductivity - World Congress; Orlando, FL, USA, 27 June-1 July 1994, *K.Krishen, C.Burnham (editor/s),* [Houston, TX, USA: World Congress on Superconductivity 1994] 112701 (introductory abstract), 112845, 113397, 113408, 113539–40, 113626, 115849, 115890–4, 115907–9, 115930–1, 115953–5, 115958, 115966–7, 115975–6, 120035–7, 121180, 121237, 121434, 121914–6, 122023–4

Superintense laser fields; St. Petersburg, Russia, 27 June-1 July 1995, *(SPIE)* [1996] 113436, 116327, 116407, 116429–30, 116606

Surface and thin film structures; Spala, Poland, 23-26 Oct. 1995, [1996] 112720 (introductory abstract), 113377, 114585, 114897, 116239

Surface mount international 1995; San Jose, CA, USA, 29-31 Aug. 1995, [Edina, MN, USA: SMTA 1995] 82093 (introductory abstract), 92147, 92186–8, 92214–50, 92328, 92355, 92994, 93117, 93946, 93985, 94021–9, 94053–94, 94117–23, 97174–5, 99313–4, 99689, 101481, 103144, 104938

Surface science; Lille, France, 4-8 Sept. 1995, *(Counseil Regional Nord-Pas de Calais; Conseil Gen. Nord; et al)* [15 May 1996] 82620–8, 82661–2, 82736, 83840, 83938, 83979–80, 84009, 84148, 84205–6

Surface X-ray and neutron scattering; Lake Geneva, WI, USA, 25-30 June 1995, [April 1996] 94215, 95368

Surfaces and thin films of electronic materials; Shizuoka, Japan, 3-4 Oct. 1995, [1995] 103273 (introductory abstract), 92665–6, 92751–5, 92787, 92827, 92851–4, 92952, 92965, 94176, 94208, 94468, 94510, 94570, 94623–4, 94766–8, 94821, 94832, 94867, 94987, 95084, 95249, 95373, 95628, 95819–20, 95967, 100108, 100211

SWAT '96: algorithm theory; Reykjavik, Iceland, 3-5 July 1996, [Berlin, Germany: Springer-Verlag 1996] 117776, 118101, 118165, 118437

Swift heavy ions in matter; Caen, France, 15-19 May 1995, [Feb. 1996] 64758

Symposium to honour Sven Treitel; Golden, CO, USA, March 1994, [Feb. 1996] 70430

Synchrotron and neutron sources; Tsukuba, Japan, 22-24 March 1995, [1996] 89638, 90246–7

Synchrotron radiation instrumentation; Argonne, IL, USA, 17-20 Oct. 1995, [Sept. 1996] 112700 (introductory abstract)

System theory; Baton Rouge, LA, USA, 31 March-2 April 1996, *(Louisiana State Univ. Dept. Electr. & Comput. Eng. and Coll. Eng.; Baton Rouge Sect. IEEE; IEEE Comput. Soc)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 60558, 60779, 60912, 61099, 61536–8, 61581, 63610, 66374, 66644–6, 66957–9, 67518–20, 67575, 67598, 67880, 67906, 68548–50, 68938, 69347, 70223, 70569, 70629, 70659–61, 70781, 71267, 71299–300, 71333, 71361, 71476–7

Systematic methods for improving business performance; London, UK, 1 April 1996, [London, UK: IEE 1996] 60366 (introductory abstract), 60504–5, 60542–3

Systems and control '94; Lugano, Switzerland, 20-22 June 1994, *(IASTED)* [Anaheim, CA, USA: IASTED 1994] 103491–2, 106137, 108334–5, 108581–5, 109694, 110164, 110932, 111776, 111886, 111995, 112087–8, 112442

Systems management; Toronto, Ont., Canada, 19-21 June 1996, *(IEEE Comput. Soc. Tech. Committee on Distributed Process)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 98578–83, 98589, 98706, 98739–40, 98887

Systems science; Wroclaw, Poland, 12-15 Sept. 1995, [Wroclaw, Poland: Oficyna Wydawnicza Politechniki Wroclawskiej 1995] 92330, 92374, 93575, 93599, 93627, 95193, 95309, 97533, 97817, 98189, 98259–62, 98382, 98392, 98612–3, 98628, 98741–3, 98798, 98836, 99004, 99007–11, 99345, 99430, 99805, 99857–8, 99940–1, 100322, 100435, 101071, 101913–5, 101999–2000, 102921

TABLEAUX '96: theorem proving with analytic tableaux; Palermo, Italy, 15-17 May 1996, *(Assoc. Italianna di Logica e sue Applicazioni; Azienda Provinciale del Turismo di Palermo; et al)* [Berlin, Germany: Springer-Verlag 1996] 93266

TACAS '96: tools and algorithms for construction and analysis of systems; Passau, Germany, 27-29 March 1996, [Berlin, Germany: Springer-Verlag 1996] 73247, 76739, 77738, 78147

Tactical aerospace C^3I; Lisbon, Portugal, 15-18 May 1995, [Neuilly sur Seine, France: AGARD 1995] 60391 (introductory abstract), 78968, 80710–6, 80728–31

TARK '94: reasoning about knowledge; Pacific Grove, CA, USA, 13-16 March 1994, [San Francisco, CA, USA: Morgan Kaufmann Publishers 1994] 60807

Techniques and results of Cherenkov light imaging in high energy physics; Uppsala, Sweden, 12-16 June 1995, *(Royal Swedish Acad. Sci.; Swedish Natural Sci. Res. Council)* [1 March 1996] 60333 (introductory abstract), 62557–60, 69124–6, 69707–52, 69867

Technological advances in therapeutic urology; Exeter, UK, 23 April 1996, *(IEE)* [London, UK: IEE 1996] 72094 (introductory abstract), 90553–5, 90567–9, 101401

Technology and society - technical expertise and public decisions; Princeton, NJ, USA, 21-22 June 1996, *(Princeton Univ.; IEEE Soc. Social Implications of Technol)* [New York, NY, USA: IEEE 1996] 103222 (introductory abstract), 92048, 92082–91, 92107–19, 92128–9, 92153, 92356–7, 92362–5, 98548–50, 98558, 101046–7, 101478, 102359, 102460

Technology management; Helsinki, Finland, 7-8 June 1995, [1996] 72009 (introductory abstract), 71970, 72152–66, 72209, 72238

Telecommunication systems modelling and analysis; Nashville, TN, USA, 16-19 March 1995, *(Bell South Telecommun.; Motorola Satellite Commun.; Owen Graduate School of Manage)* [Nashville, TN, USA: Vandebilt Univ.] 67578–9, 67600–3, 67646–7, 67670–1, 67751–2, 67860–2, 67910, 68000, 68129–31

Telecommunications management; Bologna, Italy, 11-16 Sept. 1995, *(Alcatel Italia; Alenia Spazio; AT & T; CSELT; Ericsson Telecommun.; et al)* [Brussels, Belgium: Federation of Telecommun. Eng. Eur. Community Secretariat 1995] 103250 (introductory abstract), 108902–4, 108932–4, 108960–83, 109187, 109310, 109570–1, 109857

Telecommunications - PTC '96; Honolulu, HI, USA, 14-18 Jan. 1996, *D.J.Wedemeyer, R.Nickelson (editor/s),* [Honolulu, HI, USA: Pacific Telecommun. Council 1996] 72058 (introductory abstract), 82151, 87377–8, 87456, 87502–3, 87510, 87526–57, 87573–6, 87602–3, 87610, 87627–32, 87641, 87766–75, 87808–21, 87864–5, 87883–4, 87944–9, 87957–60, 87981, 88014, 88020, 88042, 88063–8, 88107, 88265–70, 88280, 88421–43, 88551–3, 88806, 88848, 88863

Teletraffic; Old Windsor, UK, 15-17 March 1995, [London, UK: IEE 1995] 71990 (introductory abstract), 77572–87, 77703, 77742, 77853, 77936, 78023, 78392

Testing and failure analysis; Santa Clara, CA, USA, 6-10 Nov. 1995, *(ASM Int)* [Materials Park, OH, USA: ASM Int. 1995] 92035 (introductory abstract), 92095, 92276–9, 92351–2, 93317, 93396, 94805–7, 94848–51, 94906, 94938–9, 95134–49, 95199, 95207–8, 96416–7, 96928–9, 99887, 100258, 103429, 104098, 105727, 105897, 106117–21, 108445

Testing of communicating systems; Darmstadt, Germany, 9-11 Sept. 1996, *B.Baumgarten, H.J.Burkhardt, A.Giessler (editor/s),* [London, UK: Chapman & Hall 1996] 103307 (introductory abstract), 118102–14, 118188–9, 118251, 118404–5, 118684, 118706, 118721, 119006–8

Textile, fiber and film industry; Atlanta, GA, USA, 15-16 May 1996, *(Textile, Fiber & Film Ind. Committee; Ind. Applications Soc. IEEE)* [New York, NY, USA: IEEE 1996] 72072 (introductory abstract), 82288–9, 91133, 91442, 91680, 91785, 91985–8

Theoretical and phenomenological aspects of underground physics; Toledo, Spain, 17-21 Sept. 1995, [May 1996] 80087 (introductory abstract), 75378, 80088–118

Theoretical computer science; Ravello, Italy, 9-11 Nov. 1995, *(EATCS)* [Singapore: World Scientific 1996] 104281, 108158, 108586, 108876

Theory of computing and systems; Jerusalem, Israel, 10-12 June 1996, *(Bar Ilan Univ.; Hebrew Univ.; IEEE Comput. Soc., Israel Chapter; Leibniz Center for Res. in Comput. Sci.; Rice Univ.; Technion; Tel Aviv Univ.; Weizmann Inst. Sci)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 82405, 83172, 87364–5, 88345

Thin films; Colmar, France, 1-3 April 1996, [Jan.-March 1996] 64093, 69372–3, 72899, 72934–8, 79754

Three-dimensional and unconventional imaging for industrial inspection and metrology; Philadelphia, PA, USA, 23-25 Oct. 1995, *(SPIE)* [1996] 72024 (introductory abstract), 72326, 72331–4, 72995, 73869, 73884–6, 75626, 76085, 76754, 77346–9, 79015, 79248, 79255–7, 79266, 79549–52, 79560–1, 79706–8, 80548, 80612, 81973

Three-dimensional microscopy: image acquisition and processing; San Jose, CA, USA, 30 Jan.-1 Feb. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 95997, 98281–5, 100081, 100142–3, 101269, 110199–200

Tools and techniques for modeling and simulation; Washington, DC, USA, 11-13 Oct. 1995, *(SPIE; AIPR Executive Comm)* [1996] 66864–74, 69242, 69936–7

Top quark, heavy flavour and symmetry breaking; Santander, Spain, 22-26 May 1995, *(Comm. Interministr. Ciencia y Technol.; Univ. Cantabria; Fundacion Comillas)* [Singapore: World Scientific 1996] 79826

Transmission and distribution; Los Angeles, CA, USA, 15-20 Sept. 1996, [New York, NY, USA: IEEE 1996] 115439, 120985–8, 121054–7, 121075–7, 121086–8, 121099–103, 121126–40, 121147–8, 121161–76, 121186–96, 121204–18, 121225–9, 121242–4, 121260–4, 121414, 121553–5, 121753–4, 121798–800, 121818–25, 121832, 122103, 122110

Transoceanic cable communications; Lodon, UK, 25 March 1996, [London, UK: IEE 1996] 60361 (introductory abstract)

Trends in control; Rome, Italy, 5-8 Sept. 1995, [Berlin, Germany: Springer-Verlag 1995] 61022

Tropospheric profiling - needs and technologies; Hamburg, Germany, 30 Aug.-2 Sept. 1994, [Feb. 1996] 82051 (introductory abstract), 90761–6

Turnable diode laser spectroscopy; Moscow, Russia, 9-11 July 1995, [30 July 1996] 96267–70, 97878

UIST '94: user interface software and technology; Marina del Reỳ, CA, USA, 2-4 Nov. 1994, *(ACM; Microsoft; USWEST)* [New York, NY, USA: ACM 1994] 66563

ULSI science and technology; Reno, NV, USA, 23-26 May 1995, *(Electrochem. Soc)* [Pennington, NJ, USA: Electrochem. Soc. 1995] 60571, 61394, 61888–9, 62691, 63004, 63192, 63223–4, 63251–6, 63348–67, 63453–9, 63628, 63717–23, 63857–8, 63885–6

Ultra materials for picotransfer; Chiba, Japan, 21-25 March 1995, [Feb. 1996] 82056 (introductory abstract), 84253, 84945, 85042, 85257–8, 85274, 85302–4, 86362, 91733–4

Ultra-wideband short-pulse electromagnetics; Brooklyn, NY, USA, 7-9 April 1994, *L.Carin, L.B.Felsen (editor/s),* [New York, NY, USA: Plenum Press 1995] 92029 (introductory abstract), 93184, 93664, 93762–3, 93899, 94873, 95949, 95995, 96088, 96880, 97048–61, 97073–5, 97130, 97149, 97152, 97173, 97208, 97297, 97322–8, 97799, 99047, 99618–20, 99625–9, 99646–9, 99656–7, 100275–6, 101509, 101634, 101649, 102863, 103158

Ultrafast phenomena in semiconductors; Vilnius, Lithuania, 5-7 Sept. 1995, *(Semicond. Phys. Inst.; Open Soc. Fund-Lithuania; Lithuanian Acad. Sci.; Eur. Comm)* [1995] 114590, 114644–5, 114716, 114791, 114818, 115148–51, 115973, 116212, 116277, 116557–8

Ultrasonic electronics; Tsukuba, Japan, 27-29 Nov. 1995, [May 1996] 72086 (introductory abstract), 82789–93, 83877, 84670, 84681–2, 84709, 84715–8, 84730–42, 85036, 88138, 88967–70, 89001–2, 89484, 89505, 89509–10, 89574–7, 90305–10, 90847, 90852–5, 90867, 91564–7, 91707

Ultrasonics; Edinburgh, UK, 5-7 July 1995, *(Elsevier Science)* [June 1996] 92046 (introductory abstract), 92983–7, 95298–301, 95325–7, 95572, 100392–5, 101089–90, 101498–9, 101583–4, 101590–606, 101615–29, 102764–5, 103539, 104112, 104180, 104206–23, 104659–73, 105101, 106260–2, 106318–23, 106329–30, 106352–5, 106364–8, 106384, 106393, 106397, 106401–3, 106407–64, 106466–70, 106472–4, 106553, 106633, 106642–3, 106890–2, 108260–1, 109329–30, 109381–3, 109397, 109573, 109816–7, 110041, 110046, 110185, 110230, 110255–61, 110326, 110461–2, 110464–5, 110800, 111348, 111354–60, 111362–4, 111370–80, 111385–7, 111389–94, 111397–8, 111400–3, 112019–20, 115453, 119896, 119948, 120928–9

Universal personal communications; Tokyo, Japan, 6-10 Nov. 1995, [New York, NY, USA: IEEE 1995] 71975 (introductory abstract), 61868, 65859–62, 66170, 66264–8, 67492–3, 67514–5, 67542, 67564–9, 67663, 67848–53, 67897–9, 67930–1, 67969, 67977, 67981, 67987–90, 68010, 68031, 68061–72, 68182–319, 68347, 68515, 78386–8, 78443

Uranium and nuclear energy; London, UK, 6-8 Sept. 1995, [London, UK: Uranium Inst. 1995] 72099 (introductory abstract)

USENIX security; San Jose, CA, USA, 22-25 July 1996, [Berkeley, CA, USA: USENIX Assoc. 1996] 117224–5, 117980, 118142

Vacuum congress and solid surfaces conference. IVC-13/ICSS-9; Yokohama, Japan, 25-29 Sept. 1995, [20 June 1996] 82706–8, 83993, 84034–5, 84108, 91721, 92353, 92658, 92693–4, 92714–7, 92820, 94156–66, 94173, 94184, 94458, 94569, 94605, 94734–5, 94753–6, 95219, 95344, 97005, 99823, 100070, 100162, 100404–10, 100421, 100446–7, 103415, 104020–32, 104109, 104155–8, 105008, 105086, 105125–6, 105182–3, 105393, 105464–8, 105520, 105542, 105580–1, 105625–6, 105692–706, 105739, 106036, 106154, 106304, 107012, 107595, 110139, 110271, 113393–6, 113411, 113497–503, 114509–10, 114591–3, 114651, 114680, 114981–3

Vacuum microelectronics; Portland, OR, USA, 30 July-3 Aug. 1995, *(Adv. Res. Projects Agency; Naval Res. Lab.; Prof. Nannichi; Silicon Video Corp.; FEI Corp.; Texas Instrum.; IEEE; American Vacuum Soc)* [New York, NY, USA: IEEE 1995] 71985 (introductory abstract), 73840, 73918, 73924–9, 73934–57, 73981–4053, 74062, 74067–8, 74467, 74506, 74622, 75725, 75778, 76349, 79329–30, 79609–11, 79623–4

Vacuum microelectronics conference; Portland, OR, USA, 31 July-3 Aug. 1995, [May-June 1996] 83694–716, 83726–48, 83753, 84260, 89278–9, 89558

Vacuum ultraviolet radiation physics; Tokyo, Japan, 27 Aug.-1 Sept. 1995, [May 1996] 74653, 75146, 75781, 76048, 79425–7, 82573, 82656, 82733, 83909–10, 83985–6, 84143–6, 84686, 85730, 89631–7

Vehicular technology; Atlanta, GA, USA, 28 April-1 May 1996, [New York, NY, USA: IEEE 1996] 103296 (introductory abstract), 107904, 107908–13, 107916–24, 108015, 108052–4, 108079–81, 108089, 108111, 108114–7, 108182–4, 108206, 108233, 108339–46, 108387, 108745, 108798–806, 108812–6, 108854–9, 109092–4, 109138–9, 109238, 109266, 109282–6, 109346–7, 109359–64, 109392–4, 109413–41, 109474–504, 109506–62, 113035, 113766–7, 113810, 116880–90, 116901–10, 116930, 117066–70, 117079–81, 117114, 117136–8, 117141, 117177–80, 117190–1, 117340–4, 117939–43, 117956–8, 118028–31, 118074, 118100, 118354–6, 118401–3, 118571–3, 118601, 118750–2, 118769–74, 118861–902, 118958–9005, 119095, 119147, 119296, 119338, 122025–6

Video file servers; London, UK, 9 May 1996, *(IEE)* [London, UK: IEE 1996] 71996 (introductory abstract), 78159, 79180

Virtual environments '95; Barcelona, Spain & Monte Carlo, Monaco, 1993 & Sept. 1995, [Wien, Austria: Springer-Verlag 1995] 66577, 67142

Virtual MBE; Malibu, CA, USA, 15-17 June 1995, [Aug. 1996] 112726 (introductory abstract), 113389–91

Virtual reality; Santa Clara, CA, USA, 30 March-3 April 1996, *(IEEE Comput. Soc. Tech. Committee on Comput. Graphics; IEEE Neural Networks Council Virtual Reality Tech. Committee)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 67141, 67580, 67754, 67913, 68921–2

Visual communications and image processing '96; Orlando, FL, USA, 17-20 March 1996, *(SPIE; IEEE)* [1996] 72028 (introductory abstract), 82296, 83160–2, 86075, 86205, 86478–562, 86910–33, 87153–60, 87878, 87919–20, 88011–2, 88015, 88668, 88693, 88801, 88833, 90273, 90337–42, 90406, 90456–7, 90903

Visual data exploration and analysis III; San Jose, CA, USA, 31 Jan.-2 Feb. 1996, *(SPIE; Soc. Imaging Sci. & Technol)* [1996] 66875–7, 68915

Visual information systems; Melbourne, Vic., Australia, 5-6 Feb. 1996, [Melbourne, Vic., Australia: Victoria Univ. Technol. 1996] 67130–40, 68869, 70016

Visualization in scientific computing; Rostock, Germany, 30 May-1 June 1994, [Wien, Austria: Springer-Verlag 1995] 77118

VLSI design; Bangalore, India, 3-6 Jan. 1996, *(VLSI Soc. India; Dept. Electron., Gov. India; IEEE Comput. Soc.; IEEE; ACM SIGDA; IEEE Circuits & Syst. Soc.; IEEE Comput. Soc. Tech. Committee on Design Autom.; IEEE Comput. Soc. Tech. Committee on VLSI)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1995] 103291 (introductory abstract), 92377, 92496, 93026, 93080–5, 93158–61, 93213–4, 93318–49, 93397, 93495–501, 93601–3, 93618–9, 93652, 94151–2, 95025, 95150–9, 95169, 95200, 97216, 98338–9, 98406–7, 99126, 99341, 99386–7, 101436

VLSI symposium; Ames, IA, USA, 22-23 March 1996, *(Iowa State Univ.; IEEE Comput. Soc. Tech. Committee on VLSI; IEEE Circuits & Syst. Soc.; IEEE Signal Process. Soc.; ACM SIGDA)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 92037 (introductory abstract), 92463, 93013–4, 93022–4, 93050, 93208–10, 93264, 93281–4, 93293–305, 93484–5, 93574, 93646, 94135, 95114–7, 95121–2, 95191, 97487, 98100, 98375, 98380, 98977, 99003, 99760

VLSI test; Princeton, NJ, USA, 28 April-1 May 1996, *(IEEE Comput. Soc. Tech Committee on Test Technol.; IEEE Philadelphia Sect)* [Los Alamitos, CA, USA: IEEE Comput. Soc. Press 1996] 103295 (introductory abstract), 104282–3, 104422–7, 104464–99, 104547–50, 104596, 104624, 104717, 104971–3, 106139–47, 106170, 106199–205, 110009–11

Volume visualization; Washington, DC, USA, 17-18 Oct. 1994, *(ACM Special Interest Group on Comput. Graphics; IEEE Comput. Soc. Tech. Committee on Comput. Graphics)* [New York, NY, USA: IEEE 1995] 66560

Wavelet applications III; Orlando, FL, USA, 8-12 April 1996, *(SPIE)* [1996] 82076 (introductory abstract), 82538, 83163, 86253–65, 87161–76, 88679–81, 90288, 90458–9, 90537–9, 93398–9, 97417, 97668–71, 97765, 97868–74, 98354, 99051, 100353, 101496, 101548–9, 101647

WESCANEX 95 - communications, power and computing; Winnipeg, Man., Canada, 15-16 May 1995, *(IEEE Canada; IEEEE Winnipeg Sect.; Univ. Manitoba; TRLabs, Winnipeg & Edmonton; Manitoba Telephone Syst.; Manitoba Hydro; EIAM, Manitoba)* [New York, NY, USA: IEEE 1995] 72070 (introductory abstract), 73047–8, 73252, 73607, 73820, 74796, 74844, 74971, 75041, 76439, 76500, 76855–6, 76861, 76953, 77008–10, 77294–8, 77454–6, 77626, 77715, 77781–2, 77806, 77898–9, 78148, 78192, 78299, 78538, 78996, 79045, 79170, 80184, 80319, 80495, 80573, 80782–5, 80795, 80901–5, 80924–6, 80970–1, 81019–23, 81051, 81053–4, 81140–1, 81146–7, 81179, 81184, 81458, 81528, 81551–2, 81635, 82026

WESCON/93; San Francisco, CA, USA, 28-30 Sept. 1993, *(IEEE San Francisco Bay Area & Los Angeles Councils; Northern & Southern California Chapters, ERA)* [New York, NY, USA: IEEE 1993] 60340 (introductory abstract), 60522, 60677–8, 61558, 61636–7, 61701, 61739–55, 61882–6, 61935–6, 61994–5, 62452, 62466–9, 63852–3, 63884, 63958, 64747, 65741, 66529, 66782, 67206–17, 67633, 67935, 67979, 68052–3, 68143–4, 68335, 68436, 68567, 68749–51, 68895, 68912, 68985, 69288, 69379, 70210, 70581, 71528, 71623–32, 71846–8, 71869

Wideband circuits, modelling and techniques; London, UK, 10 May 1996, *(IEE)* [London, UK: IEE 1996] 71994 (introductory abstract), 73085, 73111, 73731–4, 73777–8, 74828, 78719–20

Wind energy conversion; Warwick, UK, 19-21 July 1995, *J.A.Halliday (editor/s),* [Bury St. Edmunds, UK: Mech. Eng. Publications 1995] 103284 (introductory abstract), 102354–7, 102534–95, 103197, 103201

Wireless communication system; Long Island, NY, USA, 27-28 Nov. 1995, *(Long Island IEEE Sect.; IEEE Commun. Soc)* [New York, NY, USA: IEEE 1995] 112681 (introductory abstract), 113763, 116879, 117132–4, 118026–7, 118072–3, 118339, 118833–57, 119093

World Wide Web conference; Paris, France, 6-10 May 1996, [May 1996] 77956–70, 79119

X-rays in natural science and medicine; Uppsala, Sweden, 23-24 March 1995, [1996] 60406 (introductory abstract), 63513, 67423, 70095–6

Young computer scientist; Beijing, China, 18-21 July 1995, [Jan. 1996] 86145, 88043

Zoom lenses; San Diego, CA, USA, 11-12 July 1995, *(SPIE)* [1995] 64858–9, 68913, 69237–41, 70323–4

CORPORATE AUTHOR INDEX

This is an index to those items where a corporate organisation rather than an individual person is the agent primarily responsible for the publication. Such publications typically include reports of industrial firms or of government departments or research establishments.

Ansoft Corp., Pittsburgh, PA, USA
EDA tools for modeling microwave ferrite devices. 106632
Belle Collaboration, KEK National Lab. for High Energy Phys., Tsukuba, Japan
KEKB and BELLE experiment. 119973
CERES Collaboration, CERN, Geneva, Switzerland
Performance of the CERES electron spectrometer in the CERN SPS lead beam. 69867
CHORUS Collaboration, CERN, Geneva, Switzerland
The CHORUS experiment. 80095
CPLEAR Collaboration, CERN, Geneva, Switzerland
The CPLEAR detector at CERN. 120195
D0 Collaboration, Fermi Nat. Accel. Lab., Batavia, IL, USA
Studies of radiation damage in silicon microstrip detectors for the DØ silicon tracker. 100899
D0 Fiber Tracking Group, Fermi Nat. Accel. Lab., Batavia, IL, USA
Development of a multichannel fiber-to-fiber optical connector for the DO upgrade tracker. 100856
DELPHI Collaboration, CERN, Geneva, Switzerland
Performance of the DELPHI detector. 120129
DELPHI HAC Collaboration, CERN, Geneva, Switzerland
The performance of the DELPHI Hadron Calorimeter at LEP. 100909
DELTA Group, Dortmund Univ., Germany
Progress of the commissioning of the DELTA storage ring FEL facility. 96467
DESY, Hamburg, Germany
Active stabilization of mechanical quadrupole vibrations for linear colliders, DESY 96-053. 100648
Investigation of stochastic cooling in the framework of control theory, DESY 96-115. 120046
LPS trigger system, DESY 96-045. 69866
Measurement of the proton structure function F$_2$ from the 1994 HERA data using a neural network for the identification of the scattered lepton, DESY F35D-96-10. 120136
Preservation of single- and multi-bunch emittance in linear accelerators, DESY 95-225. 120045
Some topics in beam dynamics of storage rings, DESY 96-119. 120047
Tracking algorithm for the stable spin polarization field in storage rings using stroboscopic averaging, DESY 96-078. 100649
Untersuchungen zur Strahlungsresistenz polymerer Materialien fur den Einsatz in Experimenten der Hochenergiephysik (Study of the radiation resistance of polymer materials for applications in high energy physics experiments), DESY F35D-96-06. 113548
DSTO, Aeronaut. & Maritime Res. Lab., Melbourne, Vic., Australia
Design of thermocouple probes for measurement of rocket exhaust plume temperatures, DSTO-TR-0006. 79392
Handbook for the Extremely Low Frequency (ELF) data acquisition and analysis system, DSTO-GD-0021. 79267
DSTO, Mater. Res. Lab., Ascot Vale, Vic., Australia
Implementation of ramped pressure technique to measure acoustic sensitivity of fibre optic hydrophone transducers, MRL-TN-656. 69576
DUMAND Collaboration, Vijlen Inst. of Phys., Netherlands
DUMAND status report. 80111
E771 Collaboration, Fermilab, Btavia, IL, USA
The Fermilab E771 spectrometer. A large aperture spectrometer to study charm and beauty states as detected by decays into muons. 100990
EDF-Electricite de France, Clamart, France
'As built models' of industrial installations. Comparizon of different sensors and softwares, 95NJ00052. 110022
Classification by a neural network approach applied to non destructive testing, 96NB00052. 82820
Data fusion: a new concept in non-destructive testing, 96NB00083. 113566
Defect detection in industrial radiography: a multiscale approach, 96NB00054. 82818
Development of RCM methodology and tools for EDF nuclear power plants, 96NB00020. 71068
Enhancement of ultrasonic non-destructive techniques for the inspection of cast stainless steel components, 96NB00060. 82821
Periodical orbits research initialization method and application to ferroresonant circuits, 95NR00059. 61584
Survival analysis on critical components of nuclear power plants, 96NB00051. 82819
FAROS Collaboration, CERN, Geneva, Switzerland
Scintillating fiber hodoscopes using position-sensitive photomultipliers. 69832
Forschungszentrum Julich, Germany
Amorphe Silizium-Kohlenstoff-Filme fur Dunnschichtsolarzellen auf der Basis von Silylmethanen (Amorphous silicon-carbon films for thin film solar cells on the basis of silylmethane), JUL-3147. 61434
Dynamische Eigenschaften und Wechselwirkungen von Hochtemperatur Josephson-Kontakten (Dynamic properties and interactions of high-temperature Josephson contacts), JUL-3192. 115950
Herstellung passivierter Au-Leiterbahnen und Charakterisierung ihres mechanischen Spannungszustandes (Preparation of passivated Au lines and characterisation of their mechanical stress states), JUL-3091. 63449
Herstellung und Magnetfeldabhangigkeit gesputterter schmaler YBa$_2$Cu$_3$O$_7$-Stufenkontakte (Synthesis and magnetic field dependence of sputtered narrow YBa$_2$Cu$_3$O$_7$ step contacts), JUL-3132. 64563
Quantentransistor im zweidimensionalen Elektronengas hoher Beweglichkeit (Quantum transistor in the two-dimensional electron gas of high mobility), JUL-3080. 63818
Spektroskopie der schweren neutronenarmen Kerne ^{189}Pb und ^{199}At, sowie des Kerns ^{57}Ni und Entwicklung eines Detektors fur Verdampfungsrestkerne (Spectroscopy of the heavy neutron-deficient nuclei ^{189}Pb and ^{199}At and the nucleus ^{57}Ni and development of a detector for evaporation residual nuclei), JUL-3171. 120216
Untersuchung der Elektrolumineszenz von SiGe/Si Heterostrukturen (Electroluminescence study of SiGe/Si heterostructures), JUL-3169. 94467
Forschungszentrum Julich GmbH (Germany). Inst. fur Schicht- und Ionentechnik£ Technische Univ. Berlin (Germany)
Einsatz alternativer Depositionsmethoden zur Herstellung amorpher Siliziumlegierungen. (Alternative deposition methods for the preparation of amorphous silicon alloys), Juel-3087. 61392
Forschungszentrum Karlsruhe GmbH, Karlsruhe, Germany
Application of the KASCADE multiwire proportional chambers for air showers with high particle densities, FZKA 5696. 120135
Comparative investigations of interfaces and gas sensing properties of sputter-deposited SnO$_2$-films by ARXPS and electrical conductivity measurements, FZKA 5648. 100163
Helmholtz coils for the calibration of magnetic field sensors, FZKA 5643. 93973
High voltage diagnostics on electrical insulation of superconducting magnets, FZKA 5615. 115956
Properties of 8-inch photomultiplier tubes for a large volume imaging water Cerenkov detector, FZKA 5695. 94207
State-of-the-art of high power gyro-devices and free electron masers. Update 1995, FZKA 5728. 94194
Forschungszentrum Rossendorf, Dresden, Germany
Output maximization of a 7.25 GHz ECR ion source, FZR-131(prepr.). 120088
Gesellschaft fur Schwerionenforschung mbH, Darmstadt, Germany
Status of the Pestov spark counter development for the ALICE experiment, GSI-96-22(prepr.). 120203
H1 SPACAL Group, DESY, Hamburg, Germany
Performance of an electromagnetic lead/scintillating-fibre calorimeter for the H1 detector. 90143
HEGRA Collaboration, Max Planck-Inst., Muenchen, Germany
Design and performance of the lead-concrete geiger tower array within the HEGRA experiment. 120163
The status of the HEGRA experiment at La Palma. 80116
Hewlett-Packard Lab., Bristol, UK
Joint time and frequency offset estimation for clock synchronization, HPL-95-76. 69520
Hewlett-Packard Lab., Palo Alto, CA, USA
Impact of low-k ILD and Cu on circuit performance, HPL-95-74. 63442
Integration of transient S-parameter simulation into HPSPICE, HPL-95-61. 61527
Optical power and wavelength for single-source simulation of EDFA WDM gain: theoretical basis, HPL-96-21. 65066
Scaling scheme for interconnect in deep-submicron processes, HPL-95-77. 63421
Inst. Electr. & Electron. Eng., New York, NY, USA
American National Standard for electromagnetic noise and field strength instrumentation, 10 Hz to 40 GHz - specifications, ANSI C63.2-1996. 65903
IEEE guide for generating station grounding, IEEE Std 665-1995. 71029
IEEE guide for loading mineral-oil-immersed transformers, IEEE Std C57.91-1995. 71400
IEEE guide for the application, installation, operation, and maintenance of high-voltage air disconnecting and interrupter switches, IEEE Std C37.35-1995. 71571
IEEE recommended practice for installation design and installation of valve-regulated lead-acid storage batteries for stationary applications, IEEE Std 1187-1996. 71639
IEEE recommended practice for installation design and installation of vented lead-acid batteries for stationary applications, IEEE Std 484-1996. 112278
IEEE recommended practice for test methods for determination of compatibility of materials with conductive polymeric insulation shields and jackets, IEEE Std 1026-1995. 111639
IEEE recommmended practice for qualification of photovoltaic (PV) modules, IEEE Std 1262-1995. 71704
IEEE standard criteria for diesel-generator units applied as standby power supplies for nuclear power generating stations, IEEE Std 387-1995. 71161
IEEE standard for distributed interactive simulation - application protocols, IEEE Std 1278.1-1995. 67577
IEEE standard for distributed interactive simulation - communication services and profiles, IEEE Std 1278.2-1995. 67750
IEEE standard for local and metropolitan area networks: supplement to Integrated Services (IS) LAN interface at the Medium Access Control (MAC) and Physical (PHY) layers: Managed Object Conformance Statement (MOCS) proforma, IEEE Std 802.9c-1995. 77933
IEEE standard for utility telemetry service architecture for switched telephone network, IEEE Std 1390-1995. 71007
IEEE standard for VITAL Application-Specific Integrated Circuit (ASIC) modeling specification, IEEE Std 1076.4-1995. 84551
IEEE standard specification format guide and test procedure for single-axis laser gyros, IEEE Std 647-1995. 90708
IEEE standard test procedure for polyphase induction motors having liquid in the magnetic gap, IEEE Std 252-1995. 71312
IEEE standards for local and metropolitan area networks: supplement to standard for interoperable LAN/MAN security (SILS): Secure Data Exchange (SDE)-security label (Annexes 2I, 2J, and 2K), IEEE Std 802.10g-1995. 67844
Inst. Nat. Recherche Inf. Autom., Le Chesnay, France
Mirror-based system for stereoscopy, RT 172. 69258
Inst. of Commun. Switching & Data Tech., Stuttgart Univ., Germany
Reminder on queuing theory for ATM networks. 77712
ISOLDE Collaboration, CERN, Geneva, Switzerland
Defect recovery of ion-implanted CdTe. 94347
Transmutation doping of wide-bandgap II-VI compounds. 94717

Ist. Naz. Fis. Nucl., Cagliari, Italy

Use of the two simultaneous coordinates in a silicon microstrip detector, INFN/AE-96/01. 80017

Ist. Naz. Fis. Nucl., Genova, Italy

3.9 K transition edge particle detector with DC-SQUID read-out and temperature stabilization, INFN/TC-96/01. 90159

Ist. Naz. Fis. Nucl., Milan, Italy

III-V front-end electronics - an overview, INFN/AE-95/23. 80128

Preliminary proposal of a Nb_3Sn quadrupole model for the low β insertions of the LHC, INFN/TC-95/25. 75373

Ist. Superiore di Sanita, Rome, Italy

Proximity systems: analysis of health risks, ISTISAN 96/2. 70261

Japan Atomic Energy Res. Inst., Naka, Ibaraki, Japan

Optimizing voltage wave forms of poloidal field coils at the plasma breakdown, JAERI-Tech 96-016. 95599

Japan Atomic Energy Res. Inst., Tokai, Ibaraki, Japan

Noise thermometer, JAERI-Rev 96-003. 79750

KARMEN Collaboration, Forschungszentrum Karlsruhe, Germany

Neutrino nuclear interactions and search for neutrino oscillations with KARMEN. 80098

LADS Collaboration, Paul-Scherrer-Institut, Villigen, Switzerland

A large acceptance detector system (LADS) for studies of pion absorption. 80007

LHC-B Collaboration, CERN, Geneva, Switzerland

LHC-B: a dedicated B-physics detector for the LHC. 120134

MACRO Collaboration, INFN, Gran Sasso, Italy

Searches for magnetic monopoles with the MACRO detector at Gran Sasso. 80109

Max-Planck-Inst. Phys., Munich, Germany

Averaging lifetimes for B hadron species, MPI-PhE/96-04. 100820

Design, construction and performance of the ALEPH silicon vertex detector, MPI-PhE/96-06. 100821

Performance of the TGT liquid argon calorimeter and trigger system, MPI-PhE/96-05. 120137

Max-Planck-Inst. Plasmaphys., Garching, Germany

Versorgung und Schutz der Spulensysteme am Wendelstein 7-X (Power supply and safety system of the coil system of Wendelstein 7-X), IPP 2/329. 71545

NA36 Collaboration, Lawrence Berkeley Lab., CA, USA

Strangeness production as a function of centrality. 120159

Nat. Council Radiat. Protection & Meas., Bethesda, MD, USA

Principles and application of collective dose in radiation protection, NCRP 121. 70280

Use of personal monitors to estimate effective dose equivalent and effective dose to workers for external exposure to low-LET radiation, NCRP 122. 70281

Nat. Inst. Stand. & Technol., Washington, DC, USA

Effective medium theory for ferrite-loaded materials, NIST/TN-1371. 108003

Guide for the use of the international system of units (SI), NIST/SP-811. 79210

HOTPAC: programs for thermal analysis including version 3.0 of the TXYZ program, TXYZ 30, and the Thermal MultiLayer program, TML, NIST/SP-400-96. 74672

Improved characterization and evaluation measurements for HgCdTe detector materials, processes, and devices used on the GOES and TIROS satellites, NIST/SP-400-94. 79437

Laser Doppler velocimeter studies of the pipeflow produced by a generic header, NIST/TN-1409. 79759

Measuring long gage blocks with the NIST line scale interferometer, NIST/TN-1410. 79227

NIST building and fire research laboratory, NIST/SP-838-8. 60524

Optical fiber, fiber coating, and connector ferrule geometry: results of interlaboratory measurement comparisons, NIST/TN-1378. 116030

Standard reference material 1744: aluminum freezing-point standard, NIST/SP-260-124. 79226

Nat. Lab. High Energy Phys., Ibaraki-ken, Japan

Design and performance of a new XAFS beamline at the Photon Factory; BL-12C, KEK 95-15. 80147

Design study of a low-output impedance RF power source - the way to MW-beam acceleration, KEK 95-14. 90066

Study of a pMOS pixel detector, KEK 96-1. 80018

Nat. Phys. Lab., Teddington, UK

IRMF intercomparison of calibration of large area reference sources and portable alpha and beta surface contamination monitors 1993/4. Part 1, NPL-CIRA(EXT)002. 88907

Manual for SPKTBIB: a PC-based catalogue of neutron spectra, NPL-CIRA(EXT)005. 80518

Temperature measurement of polymer melts during flow, DMM(A)137. 69543

Uncertainties in the calibration of hydrophones at NPL by the three-transducer spherical-wave reciprocity method in the frequency range 10 kHz to 500 kHz, NPL RSA(EXT) 0054. 80693

Nat. Radiol. Protection Board, Didcot, UK

Coefficients for estimating effective doses from paediatric X-ray examinations, NRPB-R279. 90667

NEMO Collaboration, CNRS, Strasbourg, France

Double beta decay experiments with the tracking detector NEMO-2. 80099

NESTOR Collaboration, Athens Univ., Greece

NESTOR: a status report. 80112

Nordtest, Esbo, Finland

Personal gas monitors: performance, NT ELEC 022. 79686

Obelix Collaboration, CERN, Geneva, Switzerland

Latest results from OBELIX on hadron spectroscopy. 110620

Phys.-Tech. Bundesanstalt, Braunschweig, Germany

Guide to mass determination with high accuracy, PTB-MA-40. 89525

RD19 Collaboration & Exp. WA97, CERN, Geneva, Switzerland

Studies on a 300 k pixel detector telescope. 110582

RD19/WA97 Collaboration, CERN, Geneva, Switzerland

A pixel readout chip with an internal tunable delay and binary output for an LHC vertex detector. 100955

RD2 Collaboration, CERN, Geneva, Switzerland

Pion-induced damage in silicon detectors. 120197

RD36 Collaboration, CERN, Geneva, Switzerland

Beam test results of a Shashlik calorimeter in a high magnetic field. 100813

Energy and spatial resolution of a Shashlik calorimeter and a silicon preshower detector. 90176

Riso Nat. Lab., Roskilde, Denmark

Magnetophotorefractive effect and interference filters in lithium niobate, Riso-R-880(EN). 65549

Semicond. Products Sector, Motorola Inc., Phoenix, AZ, USA

System design and layout techniques for noise reduction in MCU-based systems. 114420

SLD Collaboration, Stanford Univ., CA, USA

The SLD CCD pixel vertex detector and its upgrade. 120210

SNO Collaboration, Queen's Univ., Kingston, Ont., Canada

Status of the Sudbury Neutrino Observatory. 80105

Spin Muon Collaboration, CERN, Geneva, Switzerland

Large enhancement of deuteron polarization with frequency modulated microwaves. 69698

STAR-SVT Collaboration, Brookhaven Nat. Lab., Upton, NY, USA

Development of large linear silicon drift detectors for the STAR experiment at RHIC. 110561

Tech. Res. Centre Finland, Building Technol., Espoo, Finland

Advanced numerical modelling of a fire. Final report, 1740. 91269

Tech. Res. Centre Finland, Chem. Technol., Espoo, Finland

Basic RTOF Fourier diffractometer at the ET-RR-1 reactor and its multipurpose extensions, 1699. 69871

Veterans Health Service and Res. Adm., Baltimore, MD, USA

Rehabilitation R&D progress reports. 1995, (unnumbered). 120518

WA94 Collaboration, Birmingham Univ., UK

New results on strange and multistrange baryon production and charged kaon production in sulphur sulphur interactions at 200 GeV/c per nucleon. 120160

WA94 Collaboration, CERN, Geneva, Switzerland

Study of charged particle production using Omega RICH in WA94 experiment. 69710

Working Group E2, IEEE Power Syst. Relaying Comm., Portland, OR, USA

Summary of IEEE Standard C37.90.2-1995 "Withstand capability of relay systems to radiated electromagnetic interference from transceivers". 102230

List of Journals

The periodical and serial publications listed below are those which are currently received and scanned by INSPEC for its information services. Individual articles are selected for this abstracts journal if they are of sufficient quality and fall within the subject scope. Each entry contains the abbreviated title and country, the full title, and the publisher's name and address. The abbreviated title conforms to ISO 4-1984 (E) : *Documentation - Rules for the Abbreviation of Title Words and Titles of Publications*. The abbreviations used are from the publication *International List of Serial Title Word Abbreviations, Paris; 1985*.

A separate publication, *INSPEC List of Journals and other Serial Sources*, provides a comprehensive guide to INSPEC serial coverage from 1968 onwards. In addition to listing current serials, this publication provides details of all changed or discontinued titles. The main list is sorted under full title and each entry includes the abbreviated title, CODEN, ISSN, publisher's name and address, the date of the first issue covered by INSPEC, the publication frequency and the BLDSC shelf number. Cross-reference entries are provided to assist the user in locating titles within the list. CODEN, ISSN, abbreviated title, and country of publication indexes are included. A separate list of journals 'abstracted completely' is also provided. Details of the price of this publication may be obtained from the INSPEC Marketing Department.

01 Inform. (France)
01 Informatique Groupe Tests, 5 Place du Colonel-Fabien, 75491 Paris Cedex 10, France.

01 Reseaux (France)
01 Reseaux DEP Groupe Tests, 26 rue d'Oradour-sur-Glane, 75504 Paris Cedex 15, France.

73 Amat. Radio Today (USA)
73 Amateur Radio Today 73 Magazine, 70 Route 202N, Peterborough, NH 03458, USA.

A & A Int. (UK)
A & A International BPL, Britannia House, Leagrave Road, Luton, Beds. LU3 1RJ, UK.

AAVSO Circ. (USA)
AAVSO Circular 25 Birch Street, Cambridge, MA 02138, USA.

ABA Bank. J. (USA)
ABA Banking Journal Simmons-Boardman Publishing Corp., 345 Hudson Street, New York, NY 10014-4502, USA.

ABB Rev. (Switzerland)
ABB Review ABB Corporate Communications Ltd., Rutistrasse 6, CH-5401 Baden, Switzerland.
Formed by merger of ASEA Journal and Brown Boveri Review

ABI-Tech. (Germany)
ABI-Technik Karlheinz Holz, Aarstrasse 24, 65195 Wiesbaden, Postfach 33 29, Germany.

ABU Tech. Rev. (Malaysia)
ABU Technical Review Asia-Pacific Broadcasting Union, Technical Centre, Pantai, 59700 Kuala Lumpur, Malaysia.

Acad. Rep. Fac. Eng. Tokyo Inst. Polytech. (Japan)
Academic Reports, Faculty of Engineering, Tokyo Institute of Polytechnics 1583 Iiyama, Atsugi-shi, Kanagawa 243-02, Japan.

Acad. Serbe Sci. Arts Glas Cl. Sci. Tech. (Serbia)
Academie Serbe des Sciences et des Arts, Glas, Classe des Sciences Techniques 11000 Beograd, Knez Mihailova 35, Serbia.

Account. Technol. (USA)
Accounting Technology Eleven Penn Plaza, 17th Floor, New York, NY 10001, USA.

Accountancy (UK)
Accountancy Institute of Chartered Accountants in England and Wales, Accounts Hall, Moorgate Place, London EC2P 2BJ, UK.

ACM Comput. Surv. (USA)
ACM Computing Surveys Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

ACM Lett. Program. Lang. Syst. (USA)
ACM Letters on Programming Languages and Systems Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

ACM Trans. Comput. Syst. (USA)
ACM Transactions on Computer Systems Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

ACM Trans. Database Syst. (USA)
ACM Transactions on Database Systems Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

ACM Trans. Graph. (USA)
ACM Transactions on Graphics Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

ACM Trans. Inf. Syst. (USA)
ACM Transactions on Information Systems Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

ACM Trans. Math. Softw. (USA)
ACM Transactions on Mathematical Software Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

ACM Trans. Model. Comput. Simul. (USA)
ACM Transactions on Modeling and Computer Simulation Association for Computing Machinery, 1515 Broadway, New York, NY 10001, USA.

ACM Trans. Program. Lang. Syst. (USA)
ACM Transactions on Programming Languages and Systems Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

ACM Trans. Softw. Eng. Methodol. (USA)
ACM Transactions on Software Engineering and Methodology Association for Computing Machinery, 1515 Broadway, New York, NY 10016, USA.

Acoust. Aust. (Australia)
Acoustics Australia Australian Acoustical Society, P.O.Box 579, Cronulla, NSW 2230, Australia.

Acoust. Bull. (UK)
Acoustics Bulletin Institute of Acoustics, 5 Holywell Hill, St. Albans, Herts. AL1 1EU, UK.

Acoust. Lett. (UK)
Acoustics Letters Parjon Information Services, P.O.Box 144, Haywards Heath, West Sussex RH16 2YX, UK.

Acoust. Phys. (Russia)
Acoustical Physics [Translation of: *Akust. Zh. (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Acquis. Libr. (USA)
Acquisitions Librarian Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904, USA.

Act. Passive Electron. Compon. (Switzerland)
Active and Passive Electronic Components [Formerly: *Act. Passive Electron. Compon. (UK)*] Gordon and Breach Science Publishers SA, Y-Parc, Chemin de la Sallaz, 1400 Yverdon, Switzerland.

Act. Passive Electron. Compon. (UK)
Active and Passive Electronic Components [Title changed to: *Act. Passive Electron. Compon. (Switzerland)*]

Acta Acust. (China)
Acta Acustica Institute of Acoustics, Academia Sinica, Beijing. Distribution address: China International Book Trading Corp., P.O.Box 399, Beijing, China.

Acta Astron. (Poland)
Acta Astronomica Copernicus Foundation for Polish Astronomy, al. Ujazdowskie 4, PL 00-478 Warsaw, Poland.

Acta Astron. Sin. (China)
Acta Astronomica Sinica [English translation in: *Chin. Astron. (UK)*] Chinese Astronomical Society, Nanking, China.
Translation of selected articles appear in Chinese Astronomy and Astrophysics

Acta Astrophys. Sin. (China)
Acta Astrophysica Sinica Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.
Translation of selected articles appear in Chinese Astronomy and Astrophysics

Acta Autom. Sin. (China)
Acta Automatica Sinica [English translation of selected articles in: *Chin. J. Autom. (USA)*] Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Acta Cienc. Indica Math. (India)
Acta Ciencia Indica, Mathematics Pragati Prakashan, Post Box No. 62, Meerut - 250001, U.P, India.
Supersedes in part: Acta Ciencia Indica

Acta Cienc. Indica Phys. (India)
Acta Ciencia Indica, Physics Pragati Prakashan, Post Box No. 62, Meerut - 250001, U.P, India.
Supersedes in part: Acta Ciencia Indica

Acta Crystallogr. A, Found. Crystallogr. (Denmark)
Acta Crystallographica, Section A (Foundations of Crystallography) Published for the International Union of Crystallography by Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK 1370 Kobenhavn K, Denmark.

Acta Crystallogr. B, Struct. Sci. (Denmark)
Acta Crystallographica, Section B (Structural Science) Published for the International Union of Crystallography by Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK-1370 Kobenhavn K, Denmark.
Supersedes in part: Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry

Acta Crystallogr. C, Cryst. Struct. Commun. (Denmark)
Acta Crystallographica, Section C (Crystal Structure Communications) Published for the International Union of Crystallography by Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK-1370 Kobenhavn K, Denmark.
Supersedes in part: Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry

Acta Crystallogr. D, Biol. Crystallogr. (Denmark)
Acta Crystallographica, Section D (Biological Crystallography) Munksgaard International Publishers, 35 Norre Sogade, P.O.Box 2148, DK-1016 Copenhagen K, Denmark.

Acta Cybern. (Hungary)
Acta Cybernetica Department of Informatics, Jozsef Attila University, P.O.Box 652, H-6720 Szeged, Hungary.

Acta Electron. Sin. (China)
Acta Electronica Sinica Chinese Institute of Electronics, Beijing. Distribution address: China International Book Trading Corp., P.O.Box 399, Beijing, China.

Acta Geod. Geophys. Montan. Hung. (Hungary)
Acta Geodaetica, Geophysica et Montanistica Hungarica Akademiai Kiado, H-1117 Budapest, Prielle K. u. 19-35, Hungary.

Acta Geophys. Pol. (Poland)
Acta Geophysica Polonica Institute of Geophysics, Polish Academy of Sciences, Ul. Ksiecia Janusza 64, 01-452 Warszawa, Poland.

Acta Graph. (Croatia)
Acta Graphica Editorial address: Getaldiceva 2, P.O.Box 225, HR-10000 Zagreb, Croatia.

Acta Inform. (Germany)
Acta Informatica Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Acta Manil. (Philippines)
Acta Manilana Research Center for the Natural Sciences, University of Santo Tomas, Manila 2806, Philippines.

Acta Mater. (USA)
Acta Materialia Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

Acta Math. Applacatae Sin. (China)
Acta Mathematicae Applacatae Sinica Science Press, Peking, China.

Acta Math. Sin. (China)
Acta Mathematica Sinica Subscription address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Acta Mech. (Austria)
Acta Mechanica Springer-Verlag Wien, Sachsenplatz 4-6, P.O.Box 89, A-1201 Wien, Austria.

Acta Mech. Sin. (China)
Acta Mechanica Sinica Chinese Journal of Mechanics Press. Distribution address: China International Book Trading Corp., P.O.Box 399, Beijing, China.

Acta Mech. Sin. (Engl. Ed.) (China)
Acta Mechanica Sinica (English Edition) Chinese Journal of Mechanics Press, 15 Zhong-guan-cun Street, Beijing 100080, China.
Contains English translation of selected papers from the Chinese edition and also original papers in English

Acta Mech. Solida Sin. (China)
Acta Mechanica Solida Sinica Huazhong University of Science & Technology. Subscription address: Guozi Shudian, P.O.Box 399, Beijing, China.

Acta Metall. Sin. (China)
Acta Metallurgica Sinica Science Press, 16 Donghuangchenggen North Street, Beijing 100717, China.

Acta Meteorol. Sin. (China)
Acta Meteorologica Sinica Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Acta Mex. Cienc. Tecnol. (Mexico)
Acta Mexicana de Ciencia y Tecnologia Consejo Editorial Del Instituto Politecno Nacional. Prolongacion De Diaz Miron Y Plan De San Luis, Apartado Postal 42-161, Mexico 17, DF, Mexico.

Acta Photonica Sin. (China)
Acta Photonica Sinica Science Press. Editorial address: Chinese Optical Society, P.O.Box 80, Xi'an 710000, China.

Acta Phys. Hung. (Hungary)
Acta Physica Hungarica [Title changed to: *Acta Phys. Hung. New Ser. Heavy Ion Phys. (Hungary)*]

Acta Phys. Hung. New Ser. Heavy Ion Phys. (Hungary)
Acta Physica Hungarica, New Series, Heavy Ion Physics [Formerly: *Acta Phys. Hung. (Hungary)*] Akademiai Kiado, Prielle Kornelia u. 19-35, H-1117 Budapest, Hungary.

Acta Phys. Pol. A (Poland)
Acta Physica Polonica A Institute of Physics, Polish Academy of Sciences, Al. Lotnikow 32-46, 02-668 Warszawa, Poland.
Supersedes in part: Acta Physica Polonica

Acta Phys. Pol. B (Poland)
Acta Physica Polonica B Institute of Physics of the Jagellonian University, Reymonta 4, 30-059 Krakow, Poland.
Supersedes in part: Acta Physica Polonica

Acta Phys. Sin., Overseas Ed. (China)
Acta Physica Sinica (Overseas Edition) Science Press, 16 Donghuangchenggen North Street, Beijing 100707, China.

Acta Phys. Slovaca (Slovakia)
Acta Physica Slovaca Institute of Physics, Slovak Academy of Sciences, Dubravska cest 9, 842 28 Bratislava, Slovakia.

Acta Phys. Temp. Humilis Sin. (China)
Acta Physica Temperaturae Humilis Sinica Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Acta Politec. Mex. (Mexico)
Acta Politecnica Mexicana Instituto Politecnico Nacional, Apartado Postal 42-161, Mexico 17 D.F, Mexico.

Acta Polytech. Czech Tech. Univ. Prague (Czech Republic)
Acta Polytechnica, Czech Technical University in Prague Ceske Vysoke Uceni Technicke, Zikova 4, 166 35 Prague 6, Czech Republic.

Acta Polytech. Scand. Appl. Phys. Ser. (Finland)
Acta Polytechnica Scandinavica, Applied Physics Series Finnish Academy of Technology, Tekniikantie 12, FIN-02150 Espoo, Finland.
Supersedes in part: Acta Polytechnica Scandinavica

Acta Polytech. Scand. Chem. Technol. (Finland)
Acta Polytechnica Scandinavica, Chemical Technology Series Finnish Academy of Technology, Tekniikantie 12, FIN-02150 Espoo, Finland.

Acta Polytech. Scand. Electr. Eng. Ser. (Finland)
Acta Polytechnica Scandinavica, Electrical Engineering Series Finnish Academy of Technology, Tekniiknatie 12, FIN-02150 Espoo, Finland.
Supersedes in part: Acta Polytechnica Scandinavica

Acta Polytech. Scand. Math. Comput. Manag. Eng. Ser. (Finland)
Acta Polytechnica Scandinavica, Mathematics Computing and Management in Engineering Series Finnish Academy of Technology, Tekniikantie 12, FIN-02150 Espoo, Finland.

Acta Polytech. Scand. Mech. Eng. Ser. (Finland)
Acta Polytechnica Scandinavica, Mechanical Engineering Series Finnish Academy of Technology, Tekniikantie 12, FIN-02150 Espoo, Finland.
Supersedes in part: Acta Polytechnica Scandinavica

Acta. Sci. Nat. Univ. Norm. Hunanensis (China)
Acta Scientiarium Naturalium Universitatis Normalis Hunanensis Editorial address: Hunan Normal University, Changsha, Hunan, China.

Acta Sci. Nat. Univ. Pekin. (China)
Acta Scientiarum Naturalium Universitatis Pekinensis Peking University Press, 100871 Beijing. Distribution address: China International Book Trading Corp., P.O.Box 399, Beijing, China.

Acta Sci. Nat. Univ. Sunyatseni (China)
Acta Scientiarum Naturalium Universitatis Sunyatseni Zhongshan University, Guangzhou, China.

Acta Tech. Acad. Sci. Hung. (Hungary)
Acta Technica Academiae Scientiarum Hungaricae Akademiai Kiado, H-1117 Budapest, Prielle K. u. 19-35, Hungary.

Acta Tech. CSAV (Czech Republic)
Acta Technica CSAV Institute of Electrical Engineering, Academy of Sciences of the Czech Republic, Doljeskova 5, 182 02 Prague 8, Czech Republic.

Acta Univ. Wratislav. Mat. Fiz. Astron. (Poland)
Acta Universitatis Wratislaviensis, Matematyka Fizyka Astronomia Wydawnictwa Uniwersytetu Wroclawskiego, Wroclaw, Poland.

Acust., Acta Acust. (Germany)
Acustica - Acta Acustica S. Hirzel Verlag GmbH, P.O.Box 10 10 61, D-70009 Stuttgart, Germany.
Formed by merger of Acustica and Acta Acustica

Ada IC News (USA)
Ada IC News Ada Joint Program Office, Code JEKSA, Defense Information Systems Agency, 701 South Courthouse Road, Arlington, VA 22204-2199, USA.

Ada Lett. (USA)
Ada Letters Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Ada User (Netherlands)
Ada User [Title changed to: *Ada User J. (Netherlands)*]

Ada User J. (UK)
Ada User Journal Ada Language UK Ltd., P.O.Box 322, York YO1 3GY, UK.

Adapt. Behav. (USA)
Adaptive Behavior MIT Press Journals, 55 Hayward Street, Cambridge, MA 02142, USA.

Adsorption (Netherlands)
Adsorption Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Adv. Appl. Clifford Algebras (Mexico)
Advances in Applied Clifford Algebras Editorial address: Div. de Ciencias Basicas, Facultad de Quimica and Facultad de Estudios Superiores-Cuautitlan, Universidad Nacional Autonoma de Mexico, Apartado 70-528, 04510 Mexico D.F, Mexico.

Adv. Appl. Probab. (UK)
Advances in Applied Probability University of Sheffield, Department of Probability and Statistics, Sheffield, S3 7RH, UK.

Adv. Compos. Lett. (UK)
Advanced Composites Letters Woodhead Publishing, Abington Hall, Abington, Cambridge CB1 6AH, UK.

Adv. Compos. Mater. (Netherlands)
Advanced Composite Materials VSP BV, P.O.Box 346, 3700 AH Zeist, Netherlands.

Adv. Comput. Math. (Netherlands)
Advances in Computational Mathematics Baltzer Science Publishers, Asterweg 1A, 1031 HL Amsterdam, Netherlands.

Adv. Earth Planet. Sci. (Japan)
Advances in Earth and Planetary Sciences [Issued with: *J. Geomagn. Geoelectr. (Japan)*]

Adv. Eng. Softw. (UK)
Advances in Engineering Software Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OZX5 1GB, UK.

Adv. Graph. Mag. (UK)
Advanced Graphics Magazine Octagon Marketing Group, Octagon House, 32-36 Little Horton Lane, Bradford BD5 0AL, UK.

Adv. Imaging (USA)
Advanced Imaging PTN Publishing Co., 445 Broad Hollow Road, Melville, NY 11747, USA.

Adv. Mater. (Germany)
Advanced Materials VCH Verlagsgesellschaft mbH, Postfach 10 11 61, D-69469 Weinheim, Germany.

Adv. Mater. Opt. Electron. (UK)
Advanced Materials for Optics and Electronics John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.
Formed by merger of Chemtronics and Journal of Molecular Electronics

Adv. Model. Anal. A, Gen. Math. Comput. Tools (France)
Advances in Modelling & Analysis A (General Mathematical & Computer Tools) AMSE Press, 16 Avenue de Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

Adv. Model. Anal. B (France)
Advances in Modelling & Analysis B AMSE Press, 16 Avenue de Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

Adv. Model. Anal. C (France)
Advances in Modelling & Analysis C AMSE Press, 16 Avenue de Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

Adv. Perform. Mater. (Netherlands)
Advanced Performance Materials Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Adv. Phys. (UK)
Advances in Physics Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

Adv. Polym. Technol. (USA)
Advances in Polymer Technology John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158-0012, USA.

Adv. Robot. (Netherlands)
Advanced Robotics VSP, P.O.Box 346, 3700 AH Zeist, Netherlands.

Adv. Space Res. (UK)
Advances in Space Research Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

AEDS Monit. (USA)
AEDS Monitor Association for Educational Data Systems, 1201 16th Street, N.W., Washington, DC 20036, USA.

Aeronaut. Meridiana (South Africa)
Aeronautica Meridiana AeSSA, P.O.Box 130774, 2021 Bryanston, South Africa.

Aerosol Sci. Technol. (USA)
Aerosol Science and Technology Elsevier Science Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Aerosp. Def. Rev. (UK)
Aerospace and Defence Review [Title changed to: *Aerosp. Rev. (UK)*]

Aerosp. Rev. (UK)
Aerospace Review [Formerly: *Aerosp. Def. Rev. (UK)*] Smiths Industries Aerospace, 765 Finchley Road, London NW11 8DS, UK.

AEU (Japan)
AEU Dempa Publications Inc., 1-11-15 Higashi Gotanda, Shinagawa-ku, Tokyo 141, Japan.

AEU-Int. J. Electron. Commun. (Germany)
AEU-International Journal of Electronics and Communications S. Hirzel Verlag GmbH & Co., P.O.Box 10 10 61, D-70009 Stuttgart, Germany.

AFE Facil. Eng. J. (USA)
AFE Facilities Engineering Journal Association for Facilities Engineering, 8180 Corporate Park Drive, Suite 305, Cincinnati, OH 45242, USA.

Agora Inform. Chang. World (Italy)
Agora, Informatics in a Changing World Intergovernmental Bureau for Informatics, 23 Viale Civita del Lavoro, P.O.Box 10253, 00144 Rome, Italy.

AgriComp (USA)
AgriComp 103 Outdoors Building, Columbia, MO 65201, USA.

AGSO Issues Pap. (Australia)
AGSO Issues Paper Australian Geological Survey Organisation, Cnr Constitution Avenue and Anzac Parade, Canberra, ACT 2601, Australia.

AGSO J. Aust. Geol. Geophys. (Australia)
AGSO Journal of Australian Geology & Geophysics AGPS Press, Australian Government Publishing Service, GPO Box 84, Canberra, ACT 2601, Australia.

AGSO Res. Newsl. (Australia)
AGSO Research Newsletter Australian Geological Survey Organisation, GPO Box 378, Canberra, ACT 2601, Australia.

AI Commun. (Netherlands)
AI Communications IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

(AI EDAM) Artif. Intell. Eng. Des. Anal. Manuf. (UK)
(AI EDAM) Artificial Intelligence for Engineering Design, Analysis and Manufacturing Cambridge Unversity Press, The Edinburgh Building, Cambridge CB2 2RU, UK.

AI Mag. (USA)
AI Magazine American Association for Artificial Intelligence, 445 Burgess Drive, Menlo Park, CA 94025-3496, USA.

AI Soc. (UK)
AI & Society Springer-Verlag London Ltd., Sweetapple House, Catteshall Road, Godalming, Surrey GU7 3DJ, UK.

AIAA J. (USA)
AIAA Journal American Institute of Aeronautics and Astronautics, 1801 Alexander Bell Drive, Reston, VA 22091, USA.

AIP Conf. Proc. (USA)
AIP Conference Proceedings American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Airpt. Forum (Germany)
Airport Forum Bauverlag GmbH, Wittelsbacherstrasse 10, W-6200 Wiesbaden 1, Germany.

AISB Q. (UK)
AISB Quarterly AISB Administration, Cognitive and Computing Sciences, University of Sussex, Brighton BN1 9QH, UK.

Akron Bus. Econ. Rev. (USA)
Akron Business and Economic Review University of Akron, Leigh Hall, 302 E. Buchtel Avenue, Akron, OH 44325, USA.

Akust. Zh. (Russia)
Akusticheskii Zhurnal [English translation in: *Acoust. Phys. (Russia)*] MAIK Nauka. Editorial address: 117036 Moskva, Ul. Shvernika 4, Russia.
INSPEC coverage is from English translation

Alarm (Croatia)
Alarm Association of Electrical Engineers and Technicians of Croatia, Committee of Technical Security, Zagreb, Berislaviceva 6, Croatia.

Alcatel Telecommun. Rev. (UK)
Alcatel Telecommunications Review Alcatel Alsthom Publications. Editorial address: Alcatel Business Systems, Great Eastern Enterprise, 3 Millharbour, London E14 9XP, UK.

Alexandria (UK)
Alexandria Ashgate Publishing Ltd., Gower House, Croft Road, Aldershot, Hants. GU11 3HR, UK.

Alfaatih Univ. Bull. Fac. Eng. (Libya)
Alfaatih University Bulletin of the Faculty of Engineering P.O. Box 1098, Tripoli, Libya.

Algorithmica (USA)
Algorithmica Springer-Verlag New York Inc., 175 Fifth Avenue, New York, NY 10010, USA.

ALLC J. (UK)
ALLC Journal Association for Literary and Linguistic Computing. Editorial address: Dr. Rex Last, Department of German, University of Hull, Hull HU6 7RX, UK.

Aluminium (Germany)
Aluminium Giesel Verlag fur Publizitat GmbH, Postfach 120161, 30907 Isernhagen, Germany.

Am. J. Electroneurodiagn. Technol. (USA)
American Journal of Electroneurodiagnostic Technology American Society of Electroneurodiagnostic Technologists Inc., Executive Office, 204 West 7th Street, Carroll, IA 51401, USA.

Am. J. Math. Manage. Sci. (USA)
American Journal of Mathematical and Management Sciences American Sciences Press Inc., 20 Cross Road, Syracuse, NY 13224, USA.

Am. J. Phys. (USA)
American Journal of Physics Published for the American Association of Physics Teachers by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Am. J. Phys. Med. Rehabil. (USA)
American Journal of Physical Medicine & Rehabilitation Published for the Association of Academic Physiatrists by Williams & Wilkins, 351 West Camden Street, Baltimore, MD 21201-2436, USA.

Am. J. Sci. (USA)
American Journal of Science Kline Geology Laboratory, Yale University, P.O.Box 208109, New Haven, CT 06520-8109, USA.

Am. Program. (USA)
American Programmer Cutter Information Corp., 37 Broadway, Suite 1, Arlington, MA 02174-5552, USA.

Am. Sci. (USA)
American Scientist Sigma Xi, The Scientific Research Society, P.O.Box 13975, Research Triangle Park, NC 27709, USA.

America's Netw. (USA)
America's Network Avanstar Communications Inc., 131 W. First Street, Duluth, MN 55802, USA.

AMSE Trans. (France)
AMSE Transactions AMSE Press, 16 Avenue de Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

An. Acad. Bras. Cienc. (Brazil)
Anais da Academia Brasileira de Ciencias Rua Anilofio de Carvalho, 29 3 andar, 20030-060 Rio de Janeiro RJ, Brazil.

An. Fis. (Spain)
Anales de Fisica Facultades de Fisica y Quimica, Ciudad Universitaria, 28040 Madrid, Spain.
From Jan.-April 1981 to Jan.-Dec. 1991 published in two parts: Anales de Fisica, Serie A (Fenomenos e Interacciones) and Anales de Fisica, Serie B (Aplicaciones, Metodos e Instrumentos)

An. Mec. Electr. (Spain)
Anales de Mecanica y Electricidad Reina 31, 28004 Madrid, Spain.

Anal. Chem. (USA)
Analytical Chemistry American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA.

Analele Stiint. Univ. 'Al.I. Cuza' Iasi (Ser. Noua) IB Fiz. (Romania)
Analele Stiintifice ale Universitatu 'Al.I. Cuza' din Iasi (Serie Noua) Sectiunea IB Fizica Calea 23 August, Iasi, Romania.

Analele Univ. Bucur. Fiz. (Romania)
Analele Universitatii Bucuresti, Fizica Biblioteca Centrala Universitara, Serviciul Schimb de Publicatii, Bucuresti, Str. Onesti 1, Romania.
Not covered between 1974 and 1977

Analele Univ. Bucur. Ser. Mat. (Romania)
Analele Universitatii Bucuresti, Seria Matematica Biblioteca Centrala Universitara, Serviciul Schimb de Publicatii, Bucuresti, Str. Onesti 1, Romania.

Analog Dialogue (USA)
Analog Dialogue P.O. Box 280, Norwood, MA 02062, USA.

Analog Integr. Circuits Signal Process. (Netherlands)
Analog Integrated Circuits and Signal Processing Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Andrew Seybold's Outlook Prof. Comput. (USA)
Andrew Seybold's Outlook on Professional Computing Pinecrest Press Inc., P.O.Box 917, Brookdale, CA 95007, USA.

Angew. Chem., Int. Ed. Engl. (Germany)
Angewandte Chemie (International Edition in English) VCH Verlagsgesellschaft/Verlag I, Postfach 10 11 61, D-69451 Weinheim, Germany.

Ann. Acad. Sci. Fenn. AII, Chem. (Finland)
Annales Academiae Scientiarum Fennicae, Series AII (Chemica) Marainkatu 5, FIN-00170 Helsinki, Finland.

Ann. Acad. Sci. Fenn. AVI, Phys. (Finland)
Annales Academiae Scientiarum Fennicae, Series AVI (Physica) Mariankatu 5, FIN-00170 Helsinki, Finland.

Ann. Acad. Sci. Fenn. Math. (Finland)
Annales Academiae Scientiarum Fennicae, Mathematica Mariankatu 5, FIN-00170 Helsinki, Finland.

Ann. Biomed. Eng. (USA)
Annals of Biomedical Engineering Blackwells Scientific Publications Inc., 238 Main Street, Cambridge, MA 02142, USA.

Ann. Chim., Sci. Mater. (France)
Annales de Chimie (Science des Materiaux) Masson Periiodiques, Villa Laromiguiere, F-75005 Paris, France.

Ann. Fac. Sci. Toulouse Math. (France)
Annales de la Faculte des Sciences de Toulouse, Mathematiques Universite Paul Sabatier, 118 route de Narbonne, F-31062 Toulouse Cedex, France.

Ann. Fond. Louis Broglie (France)
Annales de la Fondation Louis de Broglie 23 Quai de Conti, 75006 Paris, France.

Ann. Geofis. (Italy)
Annali di Geofisica Editrice Compositori, Via Stalingrado 97/2, 40128 Bologna, Italy.

Ann. Geophys. (Germany)
Annales Geophysicae Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Ann. Glaciol. (UK)
Annals of Glaciology International Glaciological Society, Cambridge CB2 1ER, UK.

Ann. Inst. Henri Poincare Phys. Theor. (France)
Annales de l'Institut Henri Poincare Physique Theorique Gauthier-Villars, 11 rue Gossin, 92543 Montrouge Cedex, France.

Ann. Isr. Phys. Soc. (Israel)
Annals of the Israel Physical Society c/o Department of Physics, Bar-Ilan University, Ramat-Gan, Israel.

Ann. Ist. Super. Sanita (Italy)
Annali dell'Istituto Superiore di Sanita Viale Regina Elena 299, 00161 Roma, Italy.

Ann. Math. Artif. Intell. (Netherlands)
Annals of Mathematics and Artificial Intelligence [Formerly: *Ann. Math. Artif. Intell. (Switzerland)*] Baltzer Science Publisher, Asterweg 1A, 1031 HL Amsterdam, Netherlands.

Ann. Math. Artif. Intell. (Switzerland)
Annals of Mathematics and Artificial Intelligence [Title changed to: *Ann. Math. Artif. Intell. (Netherlands)*]

Ann. Nucl. Energy (UK)
Annals of Nuclear Energy Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Ann. Oper. Res. (Netherlands)
Annals of Operations Research [Formerly: *Ann. Oper. Res. (Switzerland)*] Baltzer Science Publishers BV, Asterweg 1A, 1031-HL Amsterdam, Netherlands.

Ann. Oper. Res. (Switzerland)
Annals of Operations Research [Title changed to: *Ann. Oper. Res. (Netherlands)*]

Ann. Phys. (France)
Annales de Physique Les Editions de Physique, Z.I. de Courtaboeuf, B.P. 112, F-91944 Les Ulis Cedex, France.

Ann. Phys. (Germany)
Annalen der Physik Barth Verlagsgesellschaft mbH, Prager Strasse 16, D-04103 Leipzig, Germany.

Ann. Phys. (USA)
Annals of Physics Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

Ann. Pure Appl. Log. (Netherlands)
Annals of Pure and Applied Logic Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Ann. Sci. (UK)
Annals of Science Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

Ann. Telecommun. (France)
Annales des Telecommunications Centre National d'Etudes des Telecommunications, BP 85, F 92130 Issy-les-Moulineaux, France.

Ann. Univ. Turku. AI, Astron. - Chem. - Phys. - Math. (Finland)
Annales Universitatis Turkuensis, Ser AI (Astronomica - Chemica - Physica - Mathematica) Turun Yliopisto, Turku, Finland.

Annu. Proc. Assoc. Sci. Tech. Soc. South Afr. (South Africa)
Annual Proceedings of the Associated Scientific and Technical Societies of South Africa Kelvin House, 2 Hollard Street, Johannesburg, South Africa.

Annu. Rep. Eng. Res. Inst. Fac. Eng. Univ. Tokyo (Japan)
Annual Report of the Engineering Research Institute, Faculty of Engineering, University of Tokyo Tokyo, Japan.

Annu. Rep. Inst. Phys. Acad. Sin. (Taiwan)
Annual Report of the Institute of Physics Academia Sinica Institute of Physics, Academia Sinica, Nankang, Taipei, Taiwan, Taiwan.

Annu. Rep. Kiso Obs. (Japan)
Annual Report of the Kiso Observatory Mitake-mura, Kiso-gun, Nagano-ken 397-01, Japan.

Annu. Univ. Sofia 'St. Kliment Ohridski' Fac. Phys. (Bulgaria)
Annuaire de l'Universite de Sofia 'St. Kliment Ohridski' Faculte de Physique Academie Bulgare des Sciences, Bibliotheque Centrale, 1 rue '7 Noemvri', 1640 Sofia, Bulgaria.

Anritsu Tech. Bull. (Japan)
Anritsu Technical Bulletin Anritsu Electric Co. Ltd., 4-12-20, Minami-Azabu, Minato-ku, Tokyo, Japan.

APL Quote Quad (USA)
APL Quote Quad Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Appl. Acoust. (UK)
Applied Acoustics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Appl. Algebra Eng. Commun. Comput. (Germany)
Applicable Algebra in Engineering, Communication and Computing Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Appl. Anal. (UK)
Applicable Analysis [Title changed to: *Appl. Anal. (Switzerland)*]

Appl. Artif. Intell. (USA)
Applied Artificial Intelligence Taylor & Francis, 1101 Vermont Avenue, Suite 200, Washington, DC 20005, USA.

Appl. Categ. Struct. (Netherlands)
Applied Categorical Structures Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Appl. Compos. Mater. (Netherlands)
Applied Composite Materials Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Appl. Comput. Electromagn. Soc. J. (USA)
Applied Computational Electromagnetics Society Journal Dr Richard Adler, Secretary ACES, Naval Postgraduate School, Code EC/AB, Monterey, CA 93943, USA.

Appl. Comput. Harmon. Anal. (USA)
Applied and Computational Harmonic Analysis Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Appl. Electron. Tech. (China)
Applications of Electronic Technique Subscription address: Guoji Shudian, P.O.Box 2820, Beijing, China.

Appl. Energy (UK)
Applied Energy Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Appl. Energy, Russ. J. Fuel Power Heat Syst. (USA)
Applied Energy: Russian Journal of Fuel, Power and Heat Systems [Translation of: *Energetika (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Appl. Intell., Int. J. Artif. Intell. Neural Netw. Complex Probl.-Solving Technol. (Netherlands)
Applied Intelligence: The International Journal of Artificial Intelligence, Neural Networks, and Complex Problem-Solving Technologies Kluwer Academic Publishers Group, P.O.Box 322, 3300 AA Dordrecht, Netherlands.

Appl. Magn. Reson. (Austria)
Applied Magnetic Resonance Springer-Verlag, Sachsenplatz 4-6, P.O.Box 89, A-1201 Wien, Austria.

Appl. Math. (Czech Republic)
Applications of Mathematics Mathematical Institute of Academy of Sciences of the Czech Republic, Zitna 25, 115 67 Praha 1, Czech Republic.

Appl. Math. Comput. (USA)
Applied Mathematics and Computation Elsevier Science Publishing Co., 655 Avenue of the Americas, New York, NY 10010, USA.

Appl. Math. Comput. Sci. (Poland)
Applied Mathematics and Computer Science Department of Robotics and Software Engineering, Higher College of Engineering, 50 Podgorna Str., 65-246 Zielona Gora, Poland.

Appl. Math. Model. (USA)
Applied Mathematical Modelling Elsevier Science Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Appl. Microw. Wirel. (USA)
Applied Microwave & Wireless J.F. White Publications Inc., P.O.Box 1504, E. Orleans, MA 02643-1504, USA.

Appl. Numer. Math. (Netherlands)
Applied Numerical Mathematics Elsevier Science Publishers B.V. (North-Holland), P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Appl. Ocean Res. (UK)
Applied Ocean Research Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Appl. Opt. (USA)
Applied Optics Optical Society of America, 2010 Massachusetts Avenue, N.W., Washington, DC 20036-1023, USA.

Appl. Phys. A, Mater. Sci. Process. (Germany)
Applied Physics A (Materials Science Processing) [Formerly: *Appl. Phys. A, Solids Surf. (Germany)*] Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Appl. Phys. A, Solids Surf. (Germany)
Applied Physics A (Solids and Surfaces) [Title changed to: *Appl. Phys. A, Mater. Sci. Process. (Germany)*]

Appl. Phys. B, Lasers Opt. (Germany)
Applied Physics B (Lasers and Optics) Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Appl. Phys. Commun. (USA)
Applied Physics Communications Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Appl. Phys. Lett. (USA)
Applied Physics Letters American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Appl. Radiat. Isot. (UK)
Applied Radiation and Isotopes Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Appl. Sci. Res. (Netherlands)
Applied Scientific Research Kluwer Academic Publishers Group, P.O.Box 17, 3300 AH Dordrecht, Netherlands.

Appl. Signal Process. (UK)
Applied Signal Processing Springer-Verlag London Ltd., Sweetapple House, Catteshall Road, Godalming, Surrey GU7 3DJ, UK.

Appl. Sol. Energy (USA)
Applied Solar Energy [Translation of: *Geliotekhnika (Uzbekistan)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Appl. Spectrosc. (USA)
Applied Spectroscopy Society for Applied Spectroscopy, 201-B Broadway Street, Frederick, MD 21701, USA.

Appl. Spectrosc. Rev. (USA)
Applied Spectroscopy Reviews Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Appl. Supercond. (UK)
Applied Superconductivity Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Appl. Surf. Sci. (Netherlands)
Applied Surface Science Elsevier Science Publisher B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Appl. Therm. Eng. (UK)
Applied Thermal Engineering Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Arab Gulf J. Sci. Res. (Saudi Arabia)
Arab Gulf Journal of Scientific Research Arab Bureau of Education for the Gulf States, P.O.Box 3908, Riyadh 11481, Saudi Arabia.

Arch. Acoust. (Poland)
Archives of Acoustics Polish Scientific Publishers PWN Ltd., Miodowa 10 Str., 00-251 Warszawa, Poland.

Arch. Appl. Mech. (Germany)
Archive of Applied Mechanics Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Arch. Control Sci. (Poland)
Archives of Control Sciences Warsaw University of Technology, Nowowiejska 15/19, 00-665 Warsaw, Poland.

Arch. Electr. Eng. (Poland)
Archives of Electrical Engineering [Formerly: *Arch. Elektrotech. (Poland)*] Polish Scientific Publishers PWN, Miodowa 10 Str., 00-251 Warszawa, Poland.

Arch. Elektrotech. (Germany)
Archiv fur Elektrotechnik [Title changed to: *Electr. Eng. (Germany)*]

Arch. Elektrotech. (Poland)
Archiwum Elektrotechniki [Title changed to: *Arch. Electr. Eng. (Poland)*]

Arch. Inform. Teor. Stosow. (Poland)
Archiwum Informatyki Teoretycznej i Stosowanej Editorial address: Instytut Informatyki Teoretycznej i Stosowanej PAN, 44-100 Gliwice, Ul. Baltycka 5, Poland.

Arch. Math. Log. (Germany)
Archive for Mathematical Logic Springer-Verlag, Postfach 10 52 80, D-69042 Heidelberg 1, Germany.

Arch. Mech. (Poland)
Archives of Mechanics Polish Scientific Publishers, Swietokrzyska 21, Warszawa, Poland.

Arch. Metall. (Poland)
Archives of Metallurgy Editorial address: Al. Mickiewicza 30, AGH, paw. A-2, III p., 30-059 Krakow, Poland.

Arch. Mus. Inform. (USA)
Archives and Museum Informatics Archives and Museum Informatics, 5501 Walnut Street, Suite 203, Pittsburgh, PA 15232-2311, USA.

Arch. Nauki o Mater. (Poland)
Archiwum Nauki o Materialach Polska Akademia Nauk. Editorial address: Instytut Fizyki i Chemii Metali, Uniw. Slaskiego, ul. Bankowa 12, 40-007 Katowice, Poland.

Arch. Ration. Mech. Anal. (Germany)
Archive for Rational Mechanics and Analysis Springer-Verlag, D-14197 Berlin, Heidelberger Platz 3, Germany.

Archaeometry (UK)
Archaeometry Research Laboratory for Archaeology and the History of Art, Oxford University, 6 Keble Road, Oxford OX1 3QJ, UK.

Art Ref. Serv. Q. (USA)
Art Reference Services Quarterly Haworth Press Inc., 10 Alice Street, Binghamton, NY 13094, USA.

Artif. Cells Blood Substit. Immobil. Biotechnol. (USA)
Artificial Cells, Blood Substitutes, and Immobilization Biotechnology Marcel Dekker Inc., P.O.Box 5005, Monticello, New York, NY 12701-5185, USA.

Artif. Intell. (Netherlands)
Artificial Intelligence Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Artif. Intell. Eng. (UK)
Artificial Intelligence in Engineering Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1 GB, UK.

Artif. Intell. Law (Netherlands)
Artificial Intelligence and Law Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Artif. Intell. Med. (Netherlands)
Artificial Intelligence in Medicine Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Artif. Intell. Rev. (Netherlands)
Artificial Intelligence Review Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Artif. Satell. Planet. Geod. (Poland)
Artificial Satellites, Planetary Geodesy Panstowe Wydawnictwo Naukowe, Warszawa, Poland.

Asia Eng. (Hong Kong)
Asia Engineer Henderson & Associates Ltd.,. 1205 Hong Kong Art Centre, 2 Harbour Road, Wanchai, Hong Kong, Hong Kong.

Asia-Pac. Eng. J. A, Electr. Eng. (Singapore)
Asia-Pacific Engineering Journal, Part A (Electrical Engineering) World Scientific Publsihing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Asia-Pac. J. Oper. Res. (Singapore)
Asia-Pacific Journal of Operational Research Operational Research Society of Singapore, c/o Department of Industrial and Systems Engineering, National University of Singapore, Kent Ridge, Singapore 0511, Singapore.

Asian J. Phys. (India)
Asian Journal of Physics Anita Publications, KC-68/1, Old Kavi Nagar, Ghaziabad 201 002, India.

ASLIB Proc. (UK)
ASLIB Proceedings Information House, 20-24 Old Street, London EC1V 9AP, UK.

Assem. Autom. (UK)
Assembly Automation MCB University Press Ltd., 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Assist. Technol. (USA)
Assistive Technology RESNA Press, 1700 N. Moore Street, Suite 1540, Arlington, VA 22209-1903, USA.

Astrofizika (Armenia)
Astrofizika [English translation in: *Astrophysics (USA)*] Academy of the Armenian SSR, Erevan, Armenia.
INSPEC coverage since vol.14, no.4 is from English translation

Astron. Astrophys. (Germany)
Astronomy and Astrophysics Springer-Verlag, D-14197 Berlin, Heidelberger Platz 3, Germany.

Astron. Astrophys. Rev. (Germany)
Astronomy and Astrophysics Review Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Astron. Astrophys. Suppl. Ser. (France)
Astronomy & Astrophysics Supplement Series Editions de Physique, 7 Avenue du Hoggar, Z.I. de Courtaboeuf, B.P. 112, 91944 Les Ulis Cedex A, France.

Astron. Astrophys. Trans. (Switzerland)
Astronomical and Astrophysical Transactions [Formerly: *Astron. Astrophys. Trans. (UK)*] Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Astron. Astrophys. Trans. (UK)
Astronomical and Astrophysical Transactions [Title changed to: *Astron. Astrophys. Trans. (Switzerland)*]

Astron. Circ. (Acad. Sin.) (China)
Astronomical Circulars (Academia Sinica) Academia Sinica, Beijing, China.

Astron. Her. (Japan)
Astronomical Herald Astronomical Society of Japan, Tokyo Astronomical Observatory, Oosawa Mitaka, Tokyo, Japan.
Not covered by INSPEC for the period 1991-1994

Astron. J. (USA)
Astronomical Journal Published for the American Astronomical Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Astron. Lett. (Russia)
Astronomy Letters [Translation of: *Pis'ma Astron. Zh. (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.
INSPEC coverage is from original Russian journal

Astron. Nachr. (Germany)
Astronomische Nachrichten Akademie Verlag GmbH, Muhlenstrasse 33-34, D-13187 Berlin, Germany.

Astron. Now (UK)
Astronomy Now Intra Press, Intra House, 193 Uxbridge Road, London W12 9RA, UK.

Astron. Rep. (Russia)
Astronomy Reports [Translation of: *Astron. Zh. (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Astron. Soc. Pac. Conf. Ser. (USA)
Astronomical Society of the Pacific Conference Series Astronomical Society of the Pacific, c/o 293 Euring Science Center, Brigham Young University, Provo, UT 84602, USA.

Astron. Vestn. (Russia)
Astronomicheskii Vestnik [English translation in: *Sol. Syst. Res. (Russia)*] ab/yasht 918, Moskva, K-9, Russia.
INSPEC coverage is from English translation

Astron. Zh. (Russia)
Astronomicheskii Zhurnal [English translation in: *Astron. Rep. (Russia)*] MAIK Nauka. Editorial address: 103717 GSP, Moskva K-62, Podsosenskii Per. 21, Russia.
INSPEC coverage is from English translation

Astronomer (UK)
The Astronomer Editorial address: Guy M. Hurst, 16 Westminster Close, Kempshott Rise, Basingstoke, Hants. RG22 4PP, UK.

Astronomie (France)
L'Astronomie Societe Astronomique de France, 3 rue Beethoven, 75016 Paris, France.

Astronomy (USA)
Astronomy Kalmbach Publishing Cp., 21027 Crossroads Circle, P.O.Box 1612, Waukesha, WI 53187, USA.

Astropart. Phys. (Netherlands)
Astroparticle Physics Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Astrophys. J. (USA)
Astrophysical Journal University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA.

Astrophys. J. Lett. (USA)
Astrophysical Journal, Letters University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA.

Astrophys. J. Suppl. Ser. (USA)
Astrophysical Journal Supplement Series University of Chicago Press, 5801 S. Ellis Avenue, Chicago, IL 60637, USA.

Astrophys. Lett. Commun. (Switzerland)
Astrophysical Letters & Communications [Formerly: *Astrophys. Lett. Commun. (UK)*] Gordon and Breach Science Publishers SA, Postfach, CH 4004 Basel, Switzerland.

Astrophys. Lett. Commun. (UK)
Astrophysical Letters and Communications [Title changed to: *Astrophys. Lett. Commun. (Switzerland)*]

Astrophys. Space Sci. (Netherlands)
Astrophysics and Space Science Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.
Incorporates Cosmic Electrodynamics

Astrophys. Space Sci. Libr. (Netherlands)
Astrophysics and Space Science Library Kluwer Academic Publishers, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Astrophysics (USA)
Astrophysics [Translation of: *Astrofizika (Armenia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

ASU Newsl. (Sweden)
ASU Newsletter ASU Secretariat: Henry L. Islo, AF-IndustriTeknik AB, Box 968, S-191 29 Sollentuna, Sweden.

Asymptotic Anal. (Netherlands)
Asymptotic Analysis Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

At. Data Nucl. Data Tables (USA)
Atomic Data and Nuclear Data Tables Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.
Formed by merger of Atomic Data and Nuclear Data Tables

At. Energ. (Russia)
Atomnaya Energiya [English translation in: *At. Energy (USA)*] Akademiya Nauk SSR, Leninskii Prosp. 14, Moskva, Russia.
INSPEC coverage is from English translation

At. Energy (USA)
Atomic Energy [Translation of: *At. Energ. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

At. Energy Rev. Spec. Issue (Austria)
Atomic Energy Review, Special Issue International Atomic Energy Agency, Wagramerstrasse 5, P.O.Box 100, A-1400 Vienna, Austria.

At. Plasma, Mater. Interact. Data Fusion (Austria)
Atomic and Plasma - Material Interaction Data for Fusion International Atomic Energy Agency, Wagramerstrasse 5, P.O.Box 100, A-1400 Vienna, Austria.
Supplement to Nuclear Fusion

At. Spectrosc. (USA)
Atomic Spectroscopy Perkin-Elmer Corp., 761 Main Avenue, Norwalk, CT 06859-0105, USA.

AT&T Technol. (USA)
AT&T Technology AT&T, Room 3C-430A, 600 Mountain Avenue, P.O.Box 636, Murray Hill, NJ 07974-0636, USA.

Atmos. Res. (Netherlands)
Atmospheric Research Elsevier Science Publishers, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Atmos. Technol. (USA)
Atmospheric Technology National Center for Atmospheric Research, Post Office Box 3000, Boulder, CO 80303, USA.

Atom (UK)
Atom AEA Technology, 329 Harwell, Oxon. OX11 0RA, UK.

Atomwirtsch. - Atomtech. (Germany)
Atomwirtschaft - Atomtechnik Verlagsgruppe Handelblatt GmbH, Kasernenstrasse 67, D-40213 Dusseldorf, Germany.

Atti Accad. Ligure Sci. Lett. (Italy)
Atti della Accademia Ligure di Scienze e Lettere Palazzo Reale, Via Balbi 10, 16126 Genova, Italy.

Atti Accad. Naz. Lincei Cl. Sci. Fis. Mat. Nat. Rend. Lincei, Mat. Appl. (Italy)
Atti della Accademia Nazionale dei Lincei, Classe di Scienze Fisiche, Matematiche e Naturali, Rendiconti Lincei. Matematica e Applicazioni Via della Lungara 10, 00165 Roma RM, Italy.
Supersedes in part: Atti della Accademia Nazionale dei Lincei. Rendiconti, Classe di Scienze Fisiche, Matematiche e Naturali

Atti Accad. Naz. Lincei Cl. Sci. Fis. Mat. Nat. Rend. Lincei, Sci. Fis. Nat. (Italy)
Atti della Accademia Nazionali dei Lincei, Classe di Scienze Fisiche, Matematiche e Naturali, Rendiconti Lincei. Scienze Fisiche e Naturali Via della Lungara 10, 00165 Roma RM, Italy.
Supersedes in part: Atti della Accademia Nazionale dei Lincei. Rendiconti, Classe di Scienze Fisiche, Matematiche e Naturali

Atti Accad. Sci. Ist. Bologna Cl. Sci. Fis. Rend. XIII (Italy)
Atti della Accademia delle Scienze dell' Istituto di Bologna, Classe di Scienze Fisiche, Rendiconti, Serie XIII Bologna, Italy.

Atti Fond. Giorgio Ronchi (Italy)
Atti della Fondazione Giorgio Ronchi Via S. Felice a Ema 20, 50125 Firenze, Italy.

Atti Semin. Mat. Fis. Univ. Modena (Italy)
Atti del Seminario Matematico e Fisico dell' Universita di Modena Modena, Italy.

Atti Soc. Pelorit. Sci. Fis. Math. Nat. (Italy)
Atti della Societa Peloritana di Scienze Fisiche Mathematiche e Naturali Universita di Messina, Messina, Italy.

Audiol. Akust. (Germany)
Audiologische Akustik Median Verlag, 6900 Heidelberg 1, P.O.Box 103964, Germany.

Aust. & N.Z. J. Ser. Librariansh. (USA)
Australian and New Zealand Journal of Serials Librarianship Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

Aust. & N.Z. Phys. (Australia)
Australian & New Zealand Physicist Published on behalf of the Australian Institute of Physics and the New Zealand Institute of Physics by , Ozatelier Pty. Ltd., 13 Hudson Street, Hamilton, Newcastle, NSW 2303, Australia.

Aust. Comput. J. (Australia)
Australian Computer Journal Australian Computer Society Inc., P.O.Box 319, Darlinghurst, NSW 2010, Australia.

Aust. Comput. Sci. Commun. (Australia)
Australian Computer Science Communications Department of Computer Science, James Cook University, Townsville, Qld. 4811, Australia.

Aust. Electron. Eng. (Australia)
Australian Electronics Engineering Reed Business Publishing, 47 Chippen Street, Chippendale, NSW 2008, Australia.

Aust. J. Audiol. (Australia)
Australian Journal of Audiology Audiological Society of Australia, c/o National Acoustic Laboratories, 126 Greville Street, Chatswood, NSW 2067, Australia.

Aust. J. Inf. Syst. (Australia)
Australian Journal of Information Systems AJET Publications Ltd., P.O.Box 772, Belconnen, ACT 2616, Australia.

Aust. J. Phys. (Australia)
Australian Journal of Physics CSIRO, 314 Albert Street, East Melbourne, Victoria 3002, Australia.

Aust. J. Phys. Astrophys. Suppl. (Australia)
Australian Journal of Physics, Astrophysical Supplement CSIRO, 314 Albert Street, East Melbourne, Vic. 3002, Australia.

Aust. Libr. Rev. (Australia)
Australian Library Review Centre for Information Studies, Charles Sturt University - Riverina, Locked Bag 660, Wagga Wagga, NSW 2678, Australia.

Aust. Meteorol. Mag. (Australia)
Australian Meteorological Magazine Bureau of Meteorology, GPO Box 1289K, Melbourne, Vic. 3001, Australia.

Aust. Telecommun. Res. (Australia)
Australian Telecommunication Research Telecommunication Society of Australia, Box 4050, G.P.O., Melbourne, Victoria 3001, Australia.

Australas. Phys. Eng. Sci. Med. (Australia)
Australasian Physical & Engineering Sciences in Medicine Editorial address: Dr. A.H. Beddoe, Dept. of Medical Physics, Royal Adelaide Hospital, Adelaide, SA 5000, Australia.

Autom. Constr. (Netherlands)
Automation in Construction Elsevier Science B.V., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Autom. Control Comput. Sci. (USA)
Automatic Control and Computer Sciences [Translation of: *Avtom. Vychisl. Tekh. (Latvia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Autom. Data Process. Inf. Bull. (Belgium)
Automatic Data Processing Information Bulletin International Social Security Association, Data Processing Consultative Service, Boulevard de l'Empereur 7, B-1000 Brussels, Belgium.

Autom. Doc. Math. Linguist. (USA)
Automatic Documentation and Mathematical Linguistics [Translation of: *Nauchno-Tekh. Inf. 2 (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Autom. Electr. Power Syst. (China)
Automation of Electric Power Systems Automation of Electric Power Systems Press, P.O.Box 323, Nanjing. Distribution address: China International Book TDrading Corp., P.O.Box 399, Beijing, China.

Autom. Energ. Inf. (Italy)
Automazione Energia Informazione Associazione Elettrotecnica ed Elettronica Italiana (AEI), Viale Monza 259, 20126 Milano, Italy.

Autom. Manuf. Strategy (Netherlands)
Automated Manufacturing Strategy Elsevier Science Publisher BV, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Autom. Remote Control (USA)
Automation and Remote Control [Translation of: *Avtom. Telemekh. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Autom. Softw. Eng. (Netherlands)
Automated Software Engineering Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Autom. Strum. (Italy)
Automazione e Strumentazione Editrice BIAS S.a.s., V. le Premuda 2, 20129 Milano, Italy.

Automatica (UK)
Automatica Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Automatika (Croatia)
Automatika KoREMA, Zagreb, Avenija Vukovar 39, Croatia.

Automatisierungstechnik (Germany)
Automatisierungstechnik R. Oldenbourg Verlag GmbH, Rosenheimer Strasse 145, 81671 Munchen, Germany.

Automatizace (Czech Republic)
Automatizace Vydava Automatizace s.r.o., Technicka 4, 160 00 Praha 6, Czech Republic.

Autom.tech. Prax. (Germany)
Automatisierungstechnische Praxis R. Oldenbourg Verlag GmbH, Rosenheimer Strasse 145, 81613 Munchen, Germany.

Auton. Robots (Netherlands)
Autonomous Robots Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Autophon Bull. (Switzerland)
Autophon Bulletin Autophon AG, Ziegelmattstrasse 1-15, CH-4500 Solothurn, Switzerland.

AV Mag. Bus. Commun. (UK)
AV Magazine for Business Communications Emap Media, 33-39 Bowling Green Lane, London EC1R 0DA, UK.

Avh. Nor. Vidensk.-Akad. Oslo I, Mat.-Nat.vidensk. Kl. (Norway)
Avhandlingar utgitt av det Norske Videnskaps-Akademi i Oslo, I. Matematisk-Naturvidenskaplige Klasse Faculty of Mathematics and Science, University of Oslo, Blindern per Oslo, Norway.

Avtom. Telemekh. (Russia)
Avtomatika i Telemekhanika [English translation in: *Autom. Remote Control (USA)*] Rossiiskaya Akademiya Nauk, Leninskii Prosp. 14, Moskva, Russia.
INSPEC coverage is from English translation

Avtom. Vychisl. Tekh. (Latvia)
Avtomatika i Vychislitel'naya Tekhnika [English translation in: *Autom. Control Comput. Sci. (USA)*] Academy of Sciences of Latvian SSR, Riga, Latvia.
INSPEC coverage is from English translation

Avtomatika (Ukraine)
Avtomatika [English translation in: *J. Autom. Inf. Sci. (USA)*] Institution of Cybernetics, 102 Brest-Litovskii Prosp., Kiev 57, Ukraine.
INSPEC coverage is from English translation

Avtometriya (Russia)
Avtometriya [English translation in: *Optoelectron. Instrum. Data Process. (USA)*] Izdatel'stvo Nauka, Sibirskoe Otdelenie, 630099, Novosibirsk 99, Sovetskaya 18, Russia.
INSPEC coverage is from English translation from 1985

Axis (UK)
Axis Published for Universities and Colleges Information Systems Association by Whurr Publishers Ltd., 19B Compton Terrace, London N1 2UN, UK.

Bad. Oper. Decyzje (Poland)
Badania Operacyjne i Decyzje Wydawnictwo Politechniki Wroclawskiej, Wybreze Wyspianskiego 27, 50-370 Wroclaw, Poland.

Balt. Astron. (Lithuania)
Baltic Astronomy Vilnius Institute of Theoretical Physics and Astronomy, Vilnius, Lithuania.

Bangladesh J. Sci. Ind. Res. (Bangladesh)
Bangladesh Journal of Scientific and Industrial Research Bangladesh Council of Scientific and Industrial Research, Dhaka, Bangladesh.

Bank Mark. (USA)
Bank Marketing Bank Marketing Association, 1120 Connecticut Avenue, N.W., Washington, DC 20036-3902, USA.

Bank. Strateg. (USA)
Banking Strategies Bank Administration Institute, One North Franklin, Chicago, IL 60606, USA.

Bank Syst. Technol. (USA)
Bank Systems + Technology Miller Freeman Inc., 600 Harrison Street, San Francisco, CA 94107, USA.

Bank. Technol. (UK)
Banking Technology Banking Technology Ltd., Gilmoora House, 57-61 Mortimer Street, London W1N 8JX, UK.

Bank. World (UK)
Banking World [Title changed to: *Chart. Bank. (UK)*]

Battery Bimon. (China)
Battery Bimonthly Hunan Light Industry Research Institute, Changsha City, Hunan Province 410007, China.

Beck Isol.tech. (Germany)
Beck Isoliertechnik Beck Elektro-Isoliersysteme, 200 Hamburg 28, Postfach 280 180, Grossmannstrasse 105, Germany.

Behav. Brain Sci. (UK)
Behavioral and Brain Sciences Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK.

Behav. Inf. Technol. (UK)
Behaviour and Information Technology Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.

Behav. Res. Methods Instrum. Comput. (USA)
Behavior Research Methods, Instruments, & Computers Psychonomic Society Inc., 1710 Fortview Road, Austin, TX 78704, USA.

Behav. Sci. (USA)
Behavioral Science Behavioral Science and the General Systems Science Foundation, P.O.Box 26519, San Diego, CA 92196, USA.

Behav. Soc. Sci. Libr. (USA)
Behavioral & Social Sciences Librarian Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

Belgelectro-Export (Belgium)
Belgelectro-Export 21 rue des Drapiers, 1050 Bruxelles, Belgium.

Bell Labs Tech. J. (USA)
Bell Labs Technical Journal Lucent Technologies , 600 Mountain Avenue, Murray Hill, NJ 07974-0636, USA.

Ber. Bunsenges. Phys. Chem. (Germany)
Berichte der Bunsengesellschaft fur Physikalische Chemie VCH Verlagsgesellschaft mbH, Postfach 10 11 61, D-69451 Weinheim, Germany.

Beskontaktn. Elektr. Mash. (Latvia)
Beskontaktnye Elektricheskie Mashiny Izdatel'stvo 'Zinatne', Riga, Latvia.

Best Bus. Int. (UK)
Best of Business International Whittle Communications International (UK) Ltd., 24 Conway Street, London W1P 5HP, UK.

Best's Rev. - Life/Health Insur. Ed. (USA)
Best's Review - Life/Health Insurance Edition A.M. Best Co. Inc., Ambest Road, Oldwick, NJ 08858, USA.

Best's Rev. - Prop./Casualty Insur. Ed. (USA)
Best's Review - Property/Casualty Insurance Edition A.M. Best Co. Inc., Ambest Road, Oldwick, NJ 08858, USA.

Bezpec. Jad. Energ. (Czech Republic)
Bezpecnost Jaderne Energie Nuclear Information Centre Zbraslav J.S.C., Uranova 379, CS 156 16 Praha 5 - Zbraslav, Czech Republic.

BHEL J. (India)
BHEL Journal Bharat Heavy Electricals Ltd., BHEL House, Siri Fort, New Delhi, 110049, India.

BICA (UK)
BICA Editorial address: Prof. J. Davis, CSAC, Eliot College, The University, Canterbury, Kent CT2 7NS, UK.

Bioelectromagnetics (USA)
Bioelectromagnetics Wiley-Liss Inc., 605 Third Avenue, New York, NY 10158-0012, USA.

Biofeedback Self-Regul. (USA)
Biofeedback and Self-Regulation Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Biofizika (Russia)
Biofizika [English translation in: *Biophysics (UK)*] Izdatel'stvo 'Nauka', Moskva, Russia.
INSPEC coverage is from English translation

Bioimaging (UK)
Bioimaging IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Biol. Cybern. (Germany)
Biological Cybernetics Springer-Verlag, D-14197 Berlin, Heidelberger Platz 3, Germany.

Biomaterials (UK)
Biomaterials Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Biomed. Eng. Appl. Basis Commun. (Taiwan)
Biomedical Engineering, Applications Basis Communications Biomedical Engineering Society of the Republic of China, Department of Biomedical Engineering at National Taiwan University Hospital, and Center for Biomedical Engineering in College of Medicine at National Taiwan University, Taiwan.

Biomed. Instrum. Technol. (USA)
Biomedical Instrumentation & Technology Association for the Advancement of Medical Instrumentation, 3330 Washington Boulevard, Suite 400, Arlington, VA 22201, USA.

Biomed. Tech. (Germany)
Biomedizinische Technik Fachverlag Schiele & Schon GmbH, Markgrafenstrasse 11, D-10969 Berlin, Germany.

Biomimetics (USA)
Biomimetics Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Biophys. J. (USA)
Biophysical Journal Biphysical Society, 9650 Rockville Pike, Room L-0512, Bethesda, MD 20814-3998, USA.

Biophysics (UK)
Biophysics [Translation of: *Biofizika (Russia)*] Elsevier Science Ltd., The Boulevard, Langford Lane, Kidllington, Oxford OX5 1GB, UK.

Biorheology (UK)
Biorheology Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Biosens. Bioelectron. (UK)
Biosensors & Bioelectronics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

BIT (Denmark)
BIT Postbox 113, DK-1004 Copenhagen K, Denmark.

Bits Bytes Rev. (USA)
Bits & Bytes Review Bits & Bytes Computer Resources, 623 N. Iowa Avenue, Whitefish, MT 59937, USA.

BJHC&IM-Br. J. Healthc. Comput. Inf. Manag. (UK)
BJHC&IM-British Journal of Healthcare Computing & Information Management BJHC Ltd., 45 Woodland Grove, Weybridge, Surrey KT13 9EQ, UK.

BNFL Eng. (UK)
BNFL Engineer BNFL Engineering Ltd., The Victoria, Harbour City, Salford Quays, Manchester M5 2SP, UK.

Bol. Fac. Ing. Univ. Repub. (Uruguay)
Boletin de la Facultad de Ingeneria Universidad de la Republica Av. Julio Herrera y Reissig 565, Montevideo, Uruguay.

Bol. Inst. Tonantzintla (Mexico)
Boletin del Instituto de Tonantzintla Instituto Nacional de Astrofisica, Optica y Electronica, Apartados Postales Nos. 216 y 51, Puebla, Pue, Mexico.

Boll. Geofis. Teor. Appl. (Italy)
Bollettino di Geofisica Teorica ed Applicada Osservatorio Geofisico Sperimentale, C.P. 2011, 34123 Trieste, Italy.

Boole Mag. (Belgium)
Boole Magazine Boole and Babbage Europe, Marketing Division, Excelsiorlaan 40, B-1930 Zaventem, Belgium.

Bosch Tech. Ber. (Germany)
Bosch Technische Berichte Robert Bosch GmbH, Abt. FSD, Postfach 10 60 50, W-7000 Stuttgart 10, Germany.
Not covered during the period 1973 to 1978

Bound. Elem. Commun. (UK)
Boundary Elements Communications Computational Mechanics Publications, Ashurst Lodge, Ashurst, Southampton SO40 7AA, UK.

Bound.-Layer Meteorol. (Netherlands)
Boundary-Layer Meteorology Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Br. Astron. Assoc. Circ. (UK)
British Astronomical Association Circular Burlington House, Piccadilly, London W1V 9AG, UK.

Br. Astron. Assoc., Var. Star Sect. Circ. (UK)
British Astronomical Association: Variable Star Section Circulars Burlington House, Piccadilly, London W1V 9AG, UK.

Br. Ceram. Trans. (UK)
British Ceramic Transactions Institute of Materials, 1 Carlton House Terrace, London SW1Y 5DB, UK.

Br. Corros. J. (UK)
British Corrosion Journal Institute of Materials, 1 Carlton House Terrace, London, SW1Y 5DB, UK.

Br. J. Adm. Manage. (UK)
British Journal of Administrative Management Institute of Administrative Management, 40 Chatsworth Parade, Petts Wood, Orpington, Kent BR5 1RW, UK.

Br. J. Educ. Technol. (UK)
British Journal of Educational Technology National Council for Educational Technology, Milburn Hill Road, University Science Park, Coventry CV4 7JJ, UK.

Br. J. Non-Destr. Test. (UK)
British Journal of Non-Destructive Testing [Title changed to: *Insight, Non-Destr. Test. Cond. Monit. (UK)*]

Br. J. Photogr. (UK)
British Journal of Photography Henry Greenwood & Co. Ltd., 244-249 Temple Chambers, Temple Avenue, London EC4Y 0BP, UK.

Br. J. Radiol. (UK)
British Journal of Radiology British Institute of Radiology, 36 Portland Place, London W1N 4AT, UK.

Br. Telecom J. (UK)
British Telecom Journal Post Office Central Headquarters, 23 Howland Street, London W1P 6HQ, UK.

Br. Telecommun. Eng. (UK)
British Telecommunications Engineering Institution of British Telecommunications Engineers, 2-12 Gresham Street, London EC2V 7AG, UK.

Braz. J. Phys. (Brazil)
Brazilian Journal of Physics Sociedade Brasileira de Fisica, Caixa Postal 20553, 01498 Sao Paulo SP, Brazil.

BT Technol. J. (UK)
BT Technology Journal BT Laboratories, Marlesham Heath, Ipswich, Suffolk IP5 7RE, UK.

B.T.M. Bull. (UK)
B.T.M. Bulletin Professional - Business and Technical Management, 58 Clarendon Avenue, Royal Leamington Spa, Warwicks. CV32 4SA, UK.

Budavox Telecommun. Rev. (Hungary)
Budavox Telecommunication Review Budavox Telecommunication Foreign Trading Co. Ltd., H-1392 Budapest, P.O. Box 267, Hungary.

Build. Serv. Eng. Res. Technol. (UK)
Building Services Engineering Research & Technology Chartered Institution of Building Services Engineers, Delta House, 222 Balham High Road, London SW12 9BS, UK.

Build. Serv. Environ. Eng. (UK)
Building Services & Environmental Engineer Batiste Publications Ltd., Pembroke House, Campsbourne Road, Hornsey, London N8 7PE, UK.

Build. Serv. J. (UK)
Building Services Journal Building Services Publication Ltd., 1 Millharbour, London E14 9RA, UK.

Bul. Inst. Politeh. Iasi I (Romania)
Buletinul Institutului Politehnic din Iasi, Sectia I Iasi, Romania.

Bul. Inst. Politeh. Iasi III, Electroteh. Energ. Electron. (Romania)
Buletinul Institutului Politehnic din Iasi, Sectia III (Electrotehnica, Energetica, Electronica) Insitututului Politehnic din Iasi, Iasi, Romania.

Bul. ISPE (Romania)
Buletinul ISPE Institutului de Studii si Proiectari Energetice, B-dul Lacul Tei 1, 72301 Bucuresti, Romania.

Bul. Stiint. Teh. Inst. Politeh. 'Traian Vuia' Timis. Ser. Chim. (Romania)
Buletinul Stiintific si Tehnic al Institutului Politehnic 'Traian Vuia' Timisoara, Seria Chimie Timisoara, Romania.

Bul. Stiint. Teh. Inst. Politeh. 'Traian Vuia' Timis. Ser. Electroteh. (Romania)
Buletinul Stiintific si Tehnic al Institutului Politehnic 'Traian Vuia' Timisoara, Seria Electrotehnica Timisoara, Romania.

Bulg. J. Phys. (Bulgaria)
Bulgarian Journal of Physics St. Kliment Ohridski University Press. Editorial address: 5 J. Bourchier Blvd., Sofia 1126, Bulgaria.
Incorporates Izvestiya na Fizicheskiya Institut s ANEB and Izvestiya na Instituta po Elektronika

Bull. Acad. Serbe Sci. Arts Cl. Sci. Tech. (Serbia)
Bulletin de l'Academie Serbe des Sciences et des Arts, Classe des Sciences Techniques 35 Knez-Mihailova, 11000 Beograd, Serbia.

Bull. Aichi Inst. Technol. A (Japan)
Bulletin of Aichi Institute of Technology, Part A 1247 Yachigusa, Yakusa-cho, Toyota, Aichi 470-03, Japan.

Bull. Aichi Inst. Technol. B (Japan)
Bulletin of Aichi Institute of Technology, Part B 1247 Yachigusa, Yakusa-cho, Toyota, Aichi 470-03, Japan.

Bull. Am. Assoc. Var. Star Obs. (USA)
Bulletin of the American Association of Variable Star Observers 25 Birch Street, Cambridge, MA 02138, USA.

Bull. Am. Meteorol. Soc. (USA)
Bulletin of the American Meteorological Society 45 Beacon Street, Boston, MA 02108-3693, USA.

Bull. Am. Soc. Inf. Sci. (USA)
Bulletin of the American Society for Information Science 8720 Georgia Avenue, Suite 501, Silver Spring, MD 20910-3602, USA.

Bull. Annu. Soc. Suisse Chronom. Lab. Suisse Rech. Horlog. (Switzerland)
Bulletin Annuel de la Societe Suisse de Chronometrie et du Laboratoire Suisse de Recherche Horlogeres Laboratoire Suisse de Recherches Horlogeres, 2 rue A.-L. Breguet, CH-2000 Neuchatel, Switzerland.

Bull. Astron. Soc. India (India)
Bulletin of the Astronomical Society of India Astronomical Society of India, Osmania University, Hyderabad 500 007, India.

Bull. Aust. Math. Soc. (Australia)
Bulletin of the Australian Mathematical Society Australian Mathematical Publishing Assoc. Inc., Australian National University, ACT 0200, Australia.

Bull. Cent. Inform. Waseda Univ. (Japan)
Bulletin of the Centre for Informatics, Waseda University Tokyo 169-50, Japan.

Bull. Coll. Sci. Univ. Ryukyus (Japan)
Bulletin of the College of Science, University of the Ryukyus Nishihara, Okinawa 903-01, Japan.

Bull. Crime. Astrophys. Obs. (USA)
Bulletin of the Crimean Astrophysical Observatory [Translation of: *Izv. Krym. Astrofiz. Obs. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Bull. EGU (Czech Republic)
Bulletin EGU Vyzkumny Ustav Energeticky, Partyzanska 7a, Praha 7 - Holesovice, Czech Republic.

Bull. Electrotech. Lab. (Japan)
Bulletin of the Electrotechnical Laboratory Agency of Industrial Science and Technology, Ministry of International Trade and Industry, 1-1-4, Umezono, Tsukuba City, Ibaraki, Japan.

Bull. Eur. Assoc. Theor. Comput. Sci. (Netherlands)
Bulletin of the European Association for Theoretical Computer Science Editorial address: Prof. G. Rozenberg, Leiden University, Department of Computer Science, P.O.Box 9512, 2300 RA Leiden, Netherlands.

Bull. Fac. Eng. Hiroshima Univ. (Japan)
Bulletin of the Faculty of Engineering, Hiroshima University Hiroshima, Japan.

Bull. Fac. Eng. Ibaraki Univ. (Japan)
Bulletin of the Faculty of Engineering, Ibaraki University Ibaraki, Japan.

Bull. Fac. Eng. Miyazaki Univ. (Japan)
Bulletin of the Faculty of Engineering, Miyazaki University 1-1-1 Kirishima, Miyazaki-shi 880, Japan.

Bull. Fac. Eng. Univ. Ryukyus (Japan)
Bulletin of the Faculty of Engineering, University of the Ryukyus Faculty of Engineering, University of the Ryukyus, Nishihara, Nakagami-gun, Okinawa, Japan.

Bull. Fac. Eng. Univ. Tokushima (Japan)
Bulletin of the Faculty of Engineering, the University of Tokushima Minami-Josanjima-ch, Tokushima 770, Japan.

Bull. Fac. Eng. Yokohama Natl. Univ. (Japan)
Bulletin of the Faculty of Engineering, Yokohama National University Tokiwadai, Hodogaya-ku, Yokohama, Japan.

Bull. Fac. Sci. Alexandria Univ. (Egypt)
Bulletin of the Faculty of Science Alexandria University Alexandria University, Alexandria, Egypt.

Bull. Geophys. (Taiwan)
Bulletin of Geophysics National Central University, Chung-Li, Taiwan, Taiwan.

Bull. Gov. Ind. Res. Inst. Osaka (Japan)
Bulletin of the Government Industrial Research Institute, Osaka 1-8-31, Midorigaoka, Ikeda, Osaka 563, Japan.

Bull. Indian Natl. Sci. Acad. (India)
Bulletin of the Indian National Science Academy Bahadur Shar Zafar Marg, New Delhi 1, India.

Bull. Inf. Cent. Donnees Astron. Strasbg. (France)
Bulletin d'Information du Centre de Donnees Astronomiques de Strasbourg Observatoire Astronomiques de Strasbourg, 11 rue de l'Universite, 67000 Strasbourg, France.

Bull. Inform. Cybern. (Japan)
Bulletin of Informatics and Cybernetics Research Association of Statistical Sciences, Kyushu University 33, Fukuoka 812, Japan.

Bull. Inst. At. Energy Kyoto Univ. (Japan)
Bulletin of the Institute of Atomic Energy, Kyoto University Kitashirakawa, Sakyo Ku, Kyoto, Japan.

Bull. Int. ISSA Prev. Occup. Risks Electr. (Germany)
Bulletin of the International Section of the ISSA for the Prevention of Occupational Risks due to Electricity Berufgenossenschaft der Feinmechanik und Elektrotechnik, W-5000 Koln 51, Oberlander Ufer 130, Germany.

Bull. Isr. Phys. Soc. (Israel)
Bulletin of the Israel Physical Society Israel Physical Society, c/o Hebrew University, Jerusalem, Israel.

Bull. Kurume Inst. Technol. (Japan)
Bulletin of Kurume Institute of Technology Kurume Institute of Technology, 2228-66 Mukaino, Kamitsu-machi Kurume-shi 830, Japan.

Bull. Kyushu Inst. Technol. (Math. Nat. Sci.) (Japan)
Bulletin of the Kyushu Institute of Technology (Mathematics, Natural Science) Library, Kyushu Institute of Technology, Tobata, Kitakyushu 804, Japan.

Bull. Kyushu Inst. Technol. (Sci. Technol.) (Japan)
Bulletin of the Kyushu Institute of Technology (Science and Technology) 1-1 Sensuicho, Tobata-ku, Kitakyushu-shi, Fukuoka 804, Japan.

Bull. Lebedev Phys. Inst. (USA)
Bulletin of the Lebedev Physics Institute [Translation of: *Kratk. Soobshch. Fiz. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Bull. Liaison Rech. Inform. Autom. (France)
Bulletin de Liaison de la Recherche en Informatique et en Automatique Institut National de Recherche en Informatique et en Automatique, INRIA, BP 105, 78153 Le Chesnay Cedex, France.

Bull. Mater. Sci. (India)
Bulletin of Materials Science Indian Academy of Sciences, P.B. No. 8005, Bangalore 560 080, India.

Bull. Math. (Romania)
Bulletin Mathematique Societa de Stiinte Matematice din R. S. Romania, Str. Academiei nr. 14, 70109 Bucuresti, Romania.

Bull. Mech. Eng. Lab. (Japan)
Bulletin of Mechanical Engineering Laboratory Mechanical Engineering Laboratory, Namiki 1-2, Tsukuba-shi, Ibaraki-ken 305, Japan.

Bull. Med. Libr. Assoc. (USA)
Bulletin of the Medical Library Association Suite 300, Six North Michigan Avenue, Chicago, IL 60602-4805, USA.

Bull. Nagoya Inst. Technol. (Japan)
Bulletin of Nagoya Institute of Technology Gokiso-cho, showa-ku, Nagoya-shi, Aichi 466, Japan.

Bull. NRLM (Japan)
Bulletin of NRLM National Research Laboratory of Metrology, AIST, 1-1-4 Umezono, Sakura-mura, Niihari-gun, Ibaraki 305, Japan.

Bull. Obs. Astron. Belgr. (Yugoslavia)
Bulletin de l'Observatoire Astronomique de Belgrade Belgrade, Yugoslavia.

Bull. Okayama Univ. Sci. A, Nat. Sci. (Japan)
Bulletin of the Okayama University of Science A (Natural Science) 1-1 Ridai-cho, Okayama-shi, Okayama 700, Japan.

Bull. Okayama Univ. Sci. B, Hum. Sci. (Japan)
Bulletin of the Okayama University of Science B (Human Sciences) 1-1 Ridai-cho, Okayama-shi, Okayama 700, Japan.

Bull. Pol. Acad. Sci. Tech. Sci. (Poland)
Bulletin of the Polish Academy of Sciences, Technical Sciences Palac Kultury i Nauki, P.O.Box 20, 00-901 Warszawa, Poland.

Bull. Precis. Intell. Lab. (Japan)
Bulletin of Precision and Intelligence Laboratory Tokyo Institute of Technology, Nagatsuta, Midori-ku, Yokohama 227, Japan.

Bull. Res. Inst. Electron. Shizuoka Univ. (Japan)
Bulletin of the Research Institute of Electronics, Shizuoka University 3-5-1 Johoku, Hamamatsu, Shizuoka 432, Japan.

Bull. Res. Inst. Sci. Meas. Tokohu Univ. (Japan)
Bulletin of the Research Institute for Scientific Measurements, Tohoku University 2-1-1 Katahira, Sendai-shi, Miyagi 980, Japan.

Bull. Res. Lab. Nucl. React. (Japan)
Bulletin of the Research Laboratory for Nuclear Reactors Tokyo Institute of Technology (Tokyo Kogyo Daigaku), Research Laboratory for Nuclear Reactos, O-okayama, Meguro-ku, Tokyo 152, Japan.

Bull. Russ. Acad. Sci., Phys. (USA)
Bulletin of the Russian Academy of Sciences. Physics [Translation of: *Izv. Ross. Akad. Nauk, Ser. Fiz. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Bull. Sch. Eng. Kyushu Tokai Univ. (Japan)
Bulletin of the School of Engineering, Kyushu Tokai University 223 Toroku, Ohemachi, Kumamoto-City, Japan.

Bull. Schweiz. Elektrotech. Ver. Verb. Schweiz. Elektr.werke (Switzerland)
Bulletin des Schweizerischen Elektrotechnischen Vereins & des Verbandes Schweizerischer Elektrizitaetswerke Schweizerischer Elektrotechnischer Verein, Luppmenstrasse 1, 8320 Fehraltorf, Switzerland.

Bull. Sci. Assoc. Ing. Electr. Inst. Montefiore (Belgium)
Bulletin Scientifique de l'Association des Ingenieurs Electriciens sortis de l'Institut Montefiore 31 rue Saint-Gilles, 4000 Liege, Belgium.

Bull. Sci. Instrum. Soc. (UK)
Bulletin of the Scientific Instrument Society Editorial address: Dr. A.A. Mills, Department of Astronomy, University of Leicester, University Road, Leicester LE1 7RH, UK.

Bull. Seismol. Soc. Am. (USA)
Bulletin of the Seismological Society of America Seismological Society of America, 201 Plaza Professional Building, El Cerrito, CA 94530-4003, USA.

Bull. Soc. Fr. Photogramm. Teledetect. (France)
Bulletin Societe Francaise de Photogrammetrie et de Teledetection 2 Avenue Pasteur, 94160 Saint-Mande, France.

Bull. Soc. Sci. Bretagne (France)
Bulletin de la Societe Scientifique de Bretagne Universite de Rennes I, Campus Universitaire de Beaulieu, 35042 Rennes Cedex, France.

Bull. Symb. Logic (USA)
Bulletin of Symbolic Logic Association for Symbolic Logic, 1325 South Oak Street, Champaign, IL 61820, USA.

Bull. Tech. Univ. Istanb. (Turkey)
Bulletin of the Technical University of Istanbul Taskisla, Istanbul, Turkey.

Bull. Tokyo Gakugei Univ. IV, Math. Nat. Sci. (Japan)
Bulletin of Tokyo Gakugei University, Series IV (Mathematics and Natural Sciences) 4-1-1 Nukui-kita-machi, Koganei, Tokyo, Japan.

Bull. Transylvania Univ. Brasov A (Romania)
Bulletin of the Transylvania University of Brasov, Series A Transilvania University Press, 2200 Brasov, Romania.

Bull. Univ. Electro-Commun. (Japan)
Bulletin of the University of Electro-Communications University of Electro-Communications, 1-5-1 Chofugaoka, Chofu-shi, Tokyo 182, Japan.

Bull. Univ. Osaka Prefect. A (Japan)
Bulletin of University of Osaka Prefecture, Series A University of Osaka Prefecture, Mozu, Sakai, Osaka, Japan.

Bull. Yamagata Univ. (Eng.) (Japan)
Bulletin of the Yamagata University (Engineering) 1-4-12 Kojirakawa-machi, Yamagata-shi, Yamagata 990, Japan.

Bull. Yamagata Univ. (Nat. Sci.) (Japan)
Bulletin of the Yamagata University (Natural Science) Yamagata, Japan.

Bus. Commun. Rev. (USA)
Business Communications Review BCR Enterprises Inc., 950 York Road, Hinsdale, IL 60521-2939, USA.

Bus. Contin. (UK)
Business Continuity Tempus House of Publishers, Fourways House, 57 Hilton Street, Manchester M1 2EJ, UK.

Bus. Equip. Dig. (UK)
Business Equipment Digest IML Group plc, Blair House, High Street, Tonbridge, Kent TN9 1BQ, UK.

Bus. Exec. (UK)
Business Executive Business Executive Ltd., William House, 14 Worple Road, Wimbledon, London SW19 4DD, UK.

Bus. Forms Labels Syst. (USA)
Business Forms, Labels & Systems North American Publishing Co., 401 North Broad Street, Philadelphia, PA 19108, USA.

Bus. Horiz. (USA)
Business Horizons School of Business, Indiana University, Bloomington, IN 47405, USA.

Bus. Inf. Rev. (UK)
Business Information Review Bowker-Saur, Maypole House, Maypole Road, East Grinstead, West Sussex RH19 1HU, UK.

Bus. Mark. (USA)
Business Marketing Crain Communications Inc., 740 Rush Street, Chicago, IL 60611-2590, USA.

Bus. Q. (Canada)
Business Quarterly Richard Ivey School of Business, The University of Western Ontario, 1151 Richmond Street North, London, Ont. N6A 3K7, Canada.

Bus. Solut. (UK)
Business Solutions [Title changed to: *Unisys Solut. (UK)*]

Bus. Tech. Manage. (UK)
Business and Technical Management Professional Business and Technical Management, 58 Clarendon Avenue, Royal Leamington Spa, Warwicks. CV32 4SA, UK.

Bus. Technol. (UK)
Business & Technology Dennis Publishing Ltd., 19 Bolsover Street, London W1P 7HJ, UK.

Bus. Tokyo (Japan)
Business Tokyo Keizaikai Co. Ltd., Keisaikai Aoyama Office,. 2-13-18 Minami Aoyama, Minato-ku, Tokyo 107, Japan.

BYTE (USA)
BYTE McGraw-Hill, One Phoenix Mill Lane, Peterborough, NH 03458, USA.

C++ Rep. (USA)
C++ Report SIGS Publications Inc., 71 West 23rd Street, 3rd Floor, New York, NY 10010, USA.

CA Mag. (Canada)
CA Magazine Canadian Institute of Chartered Accountants, 277 Wellington Street West, Toronto, Ont. M5V 3H2, Canada.

CA Mag. (UK)
CA Magazine Institute of Chartered Accountants of Scotland, 27 Queen Street, Edinburgh EH2 1LA, UK.

CAD/CAM Dig. (UK)
CAD/CAM Digest CAD/CAM Publications Ltd, Nene House, Town Bridge, London Road, Peterborough PE2 8AH, UK.

CAELL J. (USA)
CAELL Journal International Society for Technology in Eduction, University of Oregon, 1787 Agate Street, Eugene, OR 97403-1923, USA.

Cah. Anal. Donnees (France)
Cahiers de l'Analyse des Donnees Editions Dunod, 5 rue Laromiguiere, 75005 Paris, France.

Cah. Groupe Fr. Rheol. (France)
Cahiers de Groupe Francais de Rheologie 68, Bd. St-Michel, 75006 Paris, France.

Calcolo (Italy)
Calcolo Giardini Editori e Stampatori, Via S. Bibbiana 28, 56127 Pisa, Italy.

CALICO J. (USA)
CALICO Journal Computer Assisted Language Instruction Consortium, Duke University, 014 Language Center, Box 90267, Durham, NC 27708-0267, USA.

CALPHAD, Comput. Coupling Phase Diagr. Thermochem. (UK)
CALPHAD: Computer Coupling of Phase Diagrams and Thermochemistry Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Campus-Wide Inf. Syst. (UK)
Campus-Wide Information Systems MCB University Press, 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Can. Acoust. (Canada)
Canadian Acoustics Canadian Acoustical Association, P.O.Box 1351, Station 'F', Toronto, Ont. M4Y 2V9, Canada.

Can. Artif. Intell. (Canada)
Canadian Artificial Intelligence Canadian Society for Computational Studies of Intelligence, c/o CIPS, 243 College Street, 5th Floor, Toronto, Ont. M5T 2Y1, Canada.

Can. J. Appl. Spectrosc. (Canada)
Canadian Journal of Applied Spectroscopy Polyscience Publications Inc., P.O.Box 148, Morin Hights, Que. J0R 1H0, Canada.

Can. J. Chem. (Canada)
Canadian Journal of Chemistry National Research Council of Canada, Ottawa KIA OR6, Canada.

Can. J. Chem. Eng. (Canada)
Canadian Journal of Chemical Engineering Canadian Society for Chemical Engineering, 130 Slater Street, Ste. 550, Ottawa, Ont. K1P 6E2, Canada.

Can. J. Commun. (Canada)
Canadian Journal of Communication Wilfrid Laurier University Press, 75 University Avenue West, Waterloo, Ont. N2L 3C5, Canada.

Can. J. Earth Sci. (Canada)
Canadian Journal of Earth Sciences National Research Council of Canada, Ottawa KIA OR6, Canada.

Can. J. Electr. Comput. Eng. (Canada)
Canadian Journal of Electrical and Computer Engineering IEEE Canada, 2050 rue Mansfield, Suite 700, Montreal, Que. H3A 1Z2, Canada.

Can. J. Inf. Libr. Sci. (Canada)
Canadian Journal of Information and Library Science Published for the Canadian Association for Information Science by University of Toronto Press, 5201 Dufferin Street, North York, Ont. M3H 5T8, Canada.

Can. J. Phys. (Canada)
Canadian Journal of Physics National Research Council of Canada, Ottawa KIA OR6, Canada.

Can. J. Remote Sens. (Canada)
Canadian Journal of Remote Sensing Canadian Aeronautics and Space Institute, 130 Slater Street, Suite 818, Ottawa, Ont. K1P 6E2, Canada.

Capacity Manage. Rev. (USA)
Capacity Management Review Demand Technology Inc., 1020 8th Avenue S., Suite 6, Naples, FL 34102, USA.

Carbon (UK)
Carbon Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Cat. Classif. Q. (USA)
Cataloging & Classification Quarterly Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

Cathode Press (USA)
Cathode Press Machlett Labs. Inc., 42 Camp Avenue, Springdale, CT 06879, USA.

CD-ROM Prof. (USA)
CD-ROM Professional Online Inc., 462 Danbury Road, Wilton, CT 06897-2126, USA.

CED (USA)
CED Chilton Publications, 825 7th Avenue, New York, NY 10019, USA.

Celest. Mech. Dyn. Astron. (Netherlands)
Celestial Mechanics and Dynamical Astronomy Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Cell. Eng. (UK)
Cellular Engineering Published for the International Federation for Medical & Biological Engineering by Peter Peregrinus Ltd., Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

Ceram. Int. (UK)
Ceramics International Published on behalf on TECHNA S.r.l. by Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Cerberus Alarm (Switzerland)
Cerberus Alarm Cerberus Ltd., CH-8708 Mannedorf, Switzerland.

Cerberus Electron. (Switzerland)
Cerberus Electronic Cerberus Ltd., CH 8708 Mannedorf, Switzerland.

CERN Cour. (Switzerland)
CERN Courier European Organization for Nuclear Research, CERN, 1211 Geneva 23, Switzerland.

Cesk. Cas. Fys. (Czech Republic)
Ceskoslovensky Casopis pro Fyziku Editorial address: Vera Kralova, Fyzikalni ustav AV CR, Na Slovance 2, 180 40 Praha 8, Czech Republic.

CEX (Taiwan)
CEX IBS Publications, P.O.Box 55-879, Taipei, Taiwan.

CFI - Ceram. Forum Int. - Ber. Dtsch. Keram. Ges. (Germany)
CFI - Ceramic Forum International - Berichte der Deutschen Keramischen Gesellschaft Bauverlag GmbH, Am Klingenweg 4, D-65396 Walluf, Germany.

Chain Store Age (USA)
Chain Store Age [Formerly: *Chain Store Age Exec. (USA)*] Lebhar-Friedman Inc., 425 Park Avenue, New York, NY 10022, USA.

Chain Store Age Exec. (USA)
Chain Store Age Executive [Title changed to: *Chain Store Age (USA)*]

Chaos (USA)
Chaos American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Chaos Solitons Fractals (UK)
Chaos, Solitons and Fractals Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Chart. Bank. (UK)
Chartered Banker [Formerly: *Bank. World (UK)*] Chartered Institute of Bankers, Financial & Business Publications, 4 Cavendish Square, London W1M 9HA, UK.

Chem. Eng. (UK)
Chemical Engineer Institution of Chemical Engineers, Davis Building, 165-189 Railway Terrace, Rugby CV21 3HQ, UK.

Chem. Eng. Aust. (Australia)
Chemical Engineering in Australia Institution of Engineers, Australia, College of Chemical Engineers, 11 National Circuit, Barton ACT, Australia.

Chem. Eng. J. (Switzerland)
Chemical Engineering Journal Elsevier Sequoia S.A., P.O. Box 564, CH-1001 Lausanne 1, Switzerland.

Chem. Eng. Process. (Switzerland)
Chemical Engineering and Processing Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.

Chem. Eng. Prog. (USA)
Chemical Engineering Progress American Institute of Chemical Engineers, 345 East 47th Street, New York, NY 10017, USA.
From April 1977 to Aug. 1986 published under the title CEP (Chemical Engineering Progress)

Chem. Eng. Res. Des. (UK)
Chemical Engineering Research & Design Institution of Chemical Engineers, Davis Building, 165-189 Railway Terrace, Rugby CV21 3HQ, UK.

Chem. Eur. J. (Germany)
Chemistry - A European Journal [Issued with: *Angew. Chem., Int. Ed. Engl. (Germany)*]

Chem. Phys. (Netherlands)
Chemical Physics Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Chem. Phys. Lett. (Netherlands)
Chemical Physics Letters Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Chem. Tech. (Germany)
Chemische Technik VEB Deutscher Verlag fur Grundstoffindustrie, 7031 Leipzig, Karl-Heine-Strasse 27, Germany.

Chem. Vapor Depos. (Germany)
Chemical Vapor Deposition [Issued with: *Adv. Mater. (Germany)*]

Chemoautomatyka (Poland)
Chemoautomatyka [Issued with: *Pomiary Autom. Kontrola (Poland)*]

Chemometr. Intell. Lab. Syst. (Netherlands)
Chemometrics and Intelligent Laboratory Systems Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Chemometr. Intell. Lab. Syst., Lab. Inf. Manage. (Netherlands)
Chemometrics and Intelligent Laboratory Systems: Laboratory Information Management [Title changed to: *Lab. Autom. Inf. Manage. (Netherlands)*]

Chemtech (USA)
Chemtech American Chemical Society, 1115 Sixteenth Street, N.W., Washington, DC 20036, USA.

Chin. Astron. Astrophys. (UK)
Chinese Astronomy and Astrophysics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.
Selected translation from Acta Astronomica Sinica, Acta Astrophysica Sinica and Chinese Journal of Space Science. INSPEC coverage is from original Chinese journals

Chin. J. Adv. Softw. Res. (USA)
Chinese Journal of Advanced Software Research Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Chin. J. Autom. (USA)
Chinese Journal of Automation [Translation of: *Acta Autom. Sin. (China)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Chin. J. Biomed. Eng. (China)
Chinese Journal of Biomedical Engineering Chinese Society of Biomedical Engineering, 9 Dong Dan San Tiao, Beijing, China.

Chin. J. Comput. (China)
Chinese Journal of Computers Science Press, 16 Donghuangchenggen North Street, Beijing 100717. Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 399, Beijing 100044, China.

Chin. J. Electron. (China)
Chinese Journal of Electronics [Title changed to: *Chin. J. Electron. (Hong Kong)*]

Chin. J. Electron. (Hong Kong)
Chinese Journal of Electronics [Formerly: *Chin. J. Electron. (China)*] Published for The Chinese Institute of Electronics, Beijing, by Technology Exchange Ltd., Suite 1102, Fo Tan Industrial Centre 26-28 Au Pui Wan Street, Fo Tan, Shatin, Hong Kong, Hong Kong.

Chin. J. Lasers (China)
Chinese Journal of Lasers Science Press, 16 Donghuangchenggen North Street, Beijing 100707. Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 399, Beijing, China.
Until 1988 there was an English translation in Chinese Physics Lasers

Chin. J. Low Temp. Phys. (China)
Chinese Journal of Low Temperature Physics Subscription address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Chin. J. Mech. Eng. (China)
Chinese Journal of Mechanical Engineering Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 399, Beijing, China.

Chin. J. Med. Biol. Eng. (Taiwan)
Chinese Journal of Medical and Biological Engineering Biomedical Engineering Society of the Republic of China, Center for Biomedical Engineering College of Medicine, National Taiwan University, No.1 Sec. 1, Jen-Ai Road, Taipei, Taiwan.

Chin. J. Nucl. Phys. (China)
Chinese Journal of Nuclear Physics Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Chin. J. Phys. (Taiwan)
Chinese Journal of Physics Physical Society of the Republic of China, Physics Department, National Taiwan University, Taipei, Taiwan.

Chin. J. Sci. Instrum. (China)
Chinese Journal of Scientific Instruments Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Chin. J. Semicond. (China)
Chinese Journal of Semiconductors Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Chin. J. Space Sci. (China)
Chinese Journal of Space Science Subscription address: China International Book Trading Corp., Guozi Shudian, P.O.Box 2820, Beijing, China.
Translation of selected articles appear in Chinese Astronomy and Astrophysics

Chin. J. Syst. Eng. Electron. (China)
Chinese Journal of Systems Engineering and Electronics P.O.Box 142-32, Beijing 100854, China.

Chin. Phys. (USA)
Chinese Physics American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.
Contains selected translations from current issues of major Chinese physics and astronomy journals

Chin. Phys. Lett. (China)
Chinese Physics Letters Chinese Physical Society. Distribution address: Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, China.

Chin. Sci. Bull. (China)
Chinese Science Bulletin Science Press, No.16 Donghuangchenggen North Street, Beijing 100717, China.

China Mech. Eng. (China)
China Mechanical Engineering China Mechanical Engineering, No.14 Shipailing Wuchang, Wuhan, China.

Chittagong Univ. Stud. II, Sci. (Bangladesh)
Chittagong University Studies, Part II (Science) Chittagong, Bangladesh.

Christ. Libr. (USA)
Christian Librarian Association of Christian Librarians, P.O.Box 4, Cedarville, OH 45314, USA.

Ciel Terre (Belgium)
Ciel et Terre Societe Belge d'Astronomie, de Meteorologie et de Physique du Globe, Avenue Circulaire 3, 1180 Bruxelles, Belgium.

Cienc. Inf. (Cuba)
Ciencias de la Informacion Apartado Postal 2035, Codigo Postal 10200, La Habana, Cuba.

Cienc. Tec. Fis. Mat. (Cuba)
Ciencias Tecnicas, Fisicas y Matematicas Editora de la Academia de Ciencias de Cuba, Industria No. 452, La Habana 2, Cuba.

Cienc. Tierra Espac. (Cuba)
Ciencias de la Tierra y del Espacio Academia de Ciencias de Cuba, Biblioteca Nacional de Ciencia y Tecnica, Apdo 2291, Zona 2, CP 10200, C. Habana, Cuba.

Ciencia (Mexico)
Ciencia Academia de la Investigacion Cientifica AC, Ave San Jeronimo 260, Jardines del Pedregal, 04500 Mexico DF, Mexico.

CIM Technol. (USA)
CIM Technology Computer and Automated Systems Association of the Society of Manufacturing Engineers (CASA/SME), One SME Drive, P.O.Box 930, Dearborn, MI 48121, USA.

Cine. Technol. (UK)
Cinema Technology M6-M14 Victoria House, Vernon Place, London WC1B 4DJ, UK.

Circ. Electrotech. Lab. (Japan)
Circulars of the Electrotechnical Laboratory 1-1-4, Umezono, Sakuramura, Niihari-gun, Ibaraki, Japan.

Circ. Manage. (USA)
Circulation Management Ganesa Corp., 611 Broadway, Suite 510, New York, NY 10012-2608, USA.

Circuit World (UK)
Circuit World Wela Publications Ltd., Asahi House, 10 Church Road, Port Erin, Isle of Man, UK.

CircuiTree (USA)
CircuiTree 700 Gale Drive, Suite 200, Cambell, CA 95008-0901, USA.

Circuits Assem. (USA)
Circuits Assembly Miller Freeman Inc., 525 Market Street, Suite 500, San Francisco, CA 94105, USA.
Formed by merger of Circuits Manufacturing and Printed Circuit Assembly

Circuits Syst. Signal Process. (USA)
Circuits, Systems, and Signal Processing Birkhauser Boston Inc., 675 Massachusetts Avenue, Cambridge, MA 02139, USA.

Class. Quantum Gravity (UK)
Classical and Quantum Gravity IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Clean Air (Australia)
Clean Air Clean Air Society of Australia and New Zealand, Box 191, Eastwood, NSW 2122, Australia.

Cleanroom Technol. (UK)
Cleanroom Technology Angel Business Communications, Kingsland House, 361 City Road, London EC1V 1LR, UK.

CLEFS CEA (France)
CLEFS CEA Commissariat a l'Energie Atomique, DRPC, 31-33 rue de la Federation, 75752 Paris Cedex 15, France.

Client/Serv. Econ. Lett. (USA)
Client/Server Economics Letter 5841 Edison Place, Carlsbad, CA 92008, USA.

Client/Serv. Today (USA)
Client/Server Today Cahners Publishing Co., 275 Washington Street, Newton, MA 02158-1630, USA.

Clim. Change (Netherlands)
Climatic Change Kluwer Academic Publishers Group, P.O. Box 17, 3300 AA Dordrecht, Netherlands.

Clim. Dyn. (Germany)
Climate Dynamics Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

CMA (Canada)
CMA Society of Management Accountants of Canada, MPO 176, Hamilton, Ont. L8N 3C3, Canada.

CMC News (USA)
CMC News 515 Oak Street North, Cannon Falls, MN 55009, USA.

Cogn. Sci. (USA)
Cognitive Science Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648, USA.

Coll. Undergrad. Libr. (USA)
College & Undergraduate Libraries Haworth Press Inc., 94 Alice Street, Binghamton, NY 13904-1580, USA.

Colloid Polym. Sci. (Germany)
Colloid & Polymer Science Dr. Dietrich Steinkopff Verlag GmbH Co KG, P.O.Box 11 14 42, D-64229 Darmstadt, Germany.

Colloid Surf. A, Physicochem. Eng. Aspects (Netherlands)
Colloid and Surfaces A (Physicochemical and Engineering Aspects) Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.
Supersedes in part Colloids and Surfaces

Colloids Surf. B, Biointerfaces (Netherlands)
Colloids and Surfaces B (Biointerfaces) Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.
Supersedes in part Colloids and Surfaces

Color Res. Appl. (USA)
Color Research & Application John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

COM-SAC Comput. Secur. Audit. Controls (USA)
COM-SAC, Computer Security, Auditing and Controls Management Advisory Publications, P.O.Box 81151, Wellesley Hills, MA 02181, USA.

Combinatorica (Hungary)
Combinatorica Akademiai Kiado, H-1519 Budapest, P.O.Box 245, Hungary.

Combust. Explos. Shock Waves (USA)
Combustion, Explosion and Shock Waves [Translation of: *Fiz. Goren. Vzryva (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Combust. Flame (USA)
Combustion and Flame Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Comment. Phys.-Math. Chem.-Med. (Finland)
Commentationes Physico-Mathematicae et Chemico-Medicae Finnish Society of Sciences and Letters, Mariankatu 5, SF-00170 Helsinki, Finland.

Comments Astrophys., Comments Mod. Phys., C (Switzerland)
Comments on Astrophysics. Comments on Modern Physics: Part C [Formerly: *Comments Astrophys., Comments Mod. Phys., C (UK)*] Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Comments Astrophys., Comments Mod. Phys., C (UK)
Comments on Astrophysics. Comments on Modern Physics: Part C [Title changed to: *Comments Astrophys., Comments Mod. Phys., C (Switzerland)*]

Comments At. Mol. Phys. (Switzerland)
Comments on Atomic and Molecular Physics [Formerly: *Comments At. Mol. Phys. (UK)*] Gordon and Breach Science Publishers SA, Y-Parc, Chemin de la Sallaz, 1400 Yverdon, Switzerland.

Comments At. Mol. Phys. (UK)
Comments on Atomic and Molecular Physics [Title changed to: *Comments At. Mol. Phys. (Switzerland)*]

Comments Condens. Matter Phys. (UK)
Comments on Condensed Matter Physics Gordon and Breach Science Publishers Ltd., P.O.Box 90, Reading RG1 8JL, UK.

Comments Mol. Cell. Biophys., Comments Mod. Biol. A (UK)
Comments on Molecular and Cellular Biophysics. Comments on Modern Biology: Part A Gordon and Breach Science Publishers Ltd., c/o STBS Ltd., P.O.Box 90, Reading RG 1 8JL, UK.

Comments Plasma Phys. Control. Fusion (Switzerland)
Comments on Plasma Physics and Controlled Fusion [Formerly: *Comments Plasma Phys. Control. Fusion (UK)*] Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Comments Plasma Phys. Control. Fusion (UK)
Comments on Plasma Physics and Controlled Fusion [Title changed to: *Comments Plasma Phys. Control. Fusion (Switzerland)*]

Commline (USA)
Commline Numeridex Inc., 241 Holbrook Drive, P.O.Box 11000, Wheeling, IL 60090, USA.

Commodore Comput. Int. (UK)
Commodore Computing International Nick Hampshire Publications, 167-169 Great Portland Street, London W1, UK.

Commun. ACM (USA)
Communications of the ACM Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Commun. Broadcast. (UK)
Communication & Broadcasting Marconi Co. Ltd., Marconi House, New Street, Chelmsford, Essex CM1 1PL, UK.

Commun. COLIPS (Singapore)
Communications of COLIPS Chinese & Oriental Languages Information Processing Society, Singapore, c/o Department of Information Systems and Computer Science, National University of Singapore, Kent Ridge, Singapore 0511, Singapore.

Commun. Dublin Inst. Adv. Stud. A (Ireland)
Communications of the Dublin Institute for Advanced Studies, Series A School of Theoretical Physics, 10 Burlington Road, Dublin 4, Ireland.

Commun. Instrum. (India)
Communications in Instrumentation Central Scientific Instruments Organisation, Sector 30, Chandigarh 160020, India.

Commun. Int. (UK)
Communications International EMAP Computing Ltd., Greater London House, Hampstead Road, London NW1 7QX, UK.

Commun. Law (USA)
Communications and the Law Fred B. Rothman & Co., 10368 W. Centennial Road, Littleton, CO 80127, USA.

Commun. Math. Phys. (Germany)
Communications in Mathematical Physics Springer-Verlag, Heidelberger platz 3, D-14197 Berlin, West Germany.

Commun. News (USA)
Communications News Nelson Publishing, 2504 North Tamiami Trail, Nokomis, FL 34275-3482, USA.

Commun. Now (UK)
Communications Now Telecommunications Publishing Ltd., 2nd Floor, Twyman House, 16 Bonny Street, London NW1 9PG, UK.

Commun. Numer. Methods Eng. (UK)
Communications in Numerical Methods in Engineering John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Commun. Outlook (USA)
Communication Outlook Artificial Language Laboratory, Michigan State University, 405 Computer Center, East Lansing, MI 48824-1042, USA.

Commun. Stat. - Simul. Comput. (USA)
Communications in Statistics - Simulation and Computation Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Commun. Stat. - Theory Methods (USA)
Communications in Statistics - Theory and Methods Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Commun. Theor. Phys. (China)
Communications in Theoretical Physics International Academic Publishers, 137 Chaoyangmennei Street, Beijing 100010, China.

Communication (Canada)
Communication Les Editions Saint-Martin, 5000 rue Iberville, Bureau 203, Montreal, Que. H2H 2S6, Canada.

Community Jr. Coll. Libr. (USA)
Community & Junior College Libraries Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904, USA.

Commut. Transm. (France)
Commutation & Transmission SOTELEC, 28 rue du Docteur Finlay, 75015 Paris, France.
Formed by merger of Cables et Transmission and Commutation & Transmission

COMPEL, Int. J. Comput. Math. Electr. Electron. Eng. (UK)
COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering MCB University Press Ltd., 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Complex Syst. (USA)
Complex Systems Complex Systems Publications Inc., P.O.Box 6149, Champaign, IL 61826, USA.

Complexity (USA)
Complexity John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Compos. A, Appl. Sci. Manuf. (UK)
Composites Part A (Applied Science and Manufacturing) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Compos. B, Eng. (UK)
Composites Part B (Engineering) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Compos. Sci. Technol. (UK)
Composites Science and Technology Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Compos. Struct. (UK)
Composite Structures Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Compound Semicond. (USA)
Compound Semiconductor Franklin Publishing, 250 Selby Avenue, Suite 48, Saint Paul, MA 55102, USA.

Comput. Aided Des. (UK)
Computer Aided Design Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput.-Aided Geom. Des. (Netherlands)
Computer-Aided Geometric Design Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Appl. Eng. Educ. (USA)
Computer Applications in Engineering Education John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Comput. Appl. Math. (USA)
Computational and Applied Mathematics Published for Sociedade Brasileira de Matematica Aplicada e Computacional by Birkhauser Boston, Massachusetts Avenue, Cambridge, MA 02139, USA.

Comput. Archit. News (USA)
Computer Architecture News Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Comput. Artif. Intell. (Slovakia)
Computers and Artificial Intelligence Slovak Academy of Sciences, Dubravska cesta 9, 842 37 Bratislava, Slovakia.

Comput. Assist. Lang. Learn. (Netherlands)
Computer Assisted Language Learning [Formerly: *Comput. Assist. Lang. Learn. (UK)*] Swets & Zeitlinger, P.O.Box 825, 2160 SZ Lisse, Netherlands.

Comput. Assist. Lang. Learn. (UK)
Computer Assisted Language Learning [Title changed to: *Comput. Assist. Lang. Learn. (Netherlands)*]

Comput. Biol. Med. (UK)
Computers in Biology and Medicine Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Biomed. Res. (USA)
Computers and Biomedical Research Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Comput. Bull. (UK)
Computer Bulletin British Computer Society, 13 Mansfield Street, London W1M 0BP, UK.

Comput. Chem. (UK)
Computers & Chemistry Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Chem. Eng. (UK)
Computers & Chemical Engineering Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Commun. (UK)
Computer Communications Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Commun. Rev. (USA)
Computer Communication Review Association for Computing Machinery Inc., 1515 Broadway, New York, NY 10036, USA.

Comput. Complexity (Switzerland)
Computational Complexity Birkhauser Verlag, P.O. Box 133, CH-4010 Basel, Switzerland.

Comput. Compos. (USA)
Computers and Composition Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648, USA.

Comput. Control Eng. J. (UK)
Computing & Control Engineering Journal Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK.

Comput. Des. (Int. Ed.) (USA)
Computer Design (International Edition) PennWell Publishing Co., 5th Floor, Ten Tara Boulevard, Nashua, NH 03062-2801, USA.

Comput. Econ. (Netherlands)
Computational Economics Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Comput. Econ. Rep., Int. Ed. (USA)
Computer Economics Report (International Edition) Computer Economics Inc., 5841 Edison Place, Carlsbad, CA 92008, USA.

Comput. Educ. (UK)
Computers & Education Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Educ. (UK)
Computer Education Computer Education Group Treasurer, Computer Centre, Staffordshire University, School of Computing, Beaconside, Stafford ST18 0AD, UK.

Comput. Educ. J. (USA)
Computers in Education Journal Computers in Education Division of ASEE, Port Royal Square, Box 68, Port Royal, VA 22535, USA.

Comput. Electr. Eng. (USA)
Computers & Electrical Engineering Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 1-591-5153, USA.

Comput. Electron. Agric. (Netherlands)
Computers and Electronics in Agriculture Elsevier Science Publishers B.V., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Environ. Urban Syst. (UK)
Computers, Environment and Urban Systems Elsevier Science Ltd., The Boulevard, Langford Lane Kidlington, Oxford OX5 1GB, UK.

Comput. Fluids (UK)
Computers & Fluids Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Fraud Secur. (UK)
Computer Fraud & Security Elsevier Advanced Technology, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Geneal. (UK)
Computers in Genealogy Society of Genealogists, 14 Charterhouse Buildings, Goswell Road, London EC1M 7BA, UK.

Comput. Geom., Theory Appl. (Netherlands)
Computational Geometry: Theory and Applications Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Geosci. (UK)
Computers & Geosciences Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Geotech. (UK)
Computers and Geotechnics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Graph. (UK)
Computers & Graphics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Graph. (USA)
Computer Graphics Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Comput. Graph. Art (USA)
Computer Graphics and Art Berkeley Enterprises Inc., 815 Washington Street, Newtonville, MA 02160, USA.

Comput. Graph. Forum (UK)
Computer Graphics Forum Published for the Eurographics Association by Blackwell Publishers, 108 Cowley Road, Oxford OX4 1JF, UK.

Comput. Hum. Behav. (USA)
Computers in Human Behaviour Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

Comput. Hum. Serv. (USA)
Computers in Human Services Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904, USA.

Comput. Humanit. (Netherlands)
Computers and the Humanities Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.
From Jan.-March 1984 to 1987 published in the USA

Comput. Ind. (Netherlands)
Computers in Industry Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Ind. Eng. (UK)
Computers & Industrial Engineering Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Inf. Syst. (UK)
Computing and Information Systems University of Paisley, Department of Computing and Information Systems, High Street, Paisley PA1 2BE, UK.

Comput.-Integr. Manuf. Syst. (UK)
Computer-Integrated Manufacturing Systems Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Intell. (USA)
Computational Intelligence Blackwell Publishers, 238 Main Street, Cambridge, MA 02142, USA.

Comput. J. (UK)
Computer Journal Published for the British Computer Society by Oxford University Press, Walton Street, Oxford OX2 6DP, UK.
From December 1991 'Additional Papers' published as abstracts only. Full papers available from journal editor

Comput. Lang. (UK)
Computer Languages Elsevier Science Ltd., The Boulevard, Langford Lane Kidlington, OX5 1GB, UK.

Comput. Law (UK)
Computers and Law Society for Computers and Law, 10 Hurle Crescent, Clifton, Bristol BS8 2TA, UK.

Comput. Law Secur. Rep. (UK)
Computer Law and Security Report Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Libr. (USA)
Computers in Libraries Information Today Inc.,. 143 Old Marlton Pike, Medford, NJ 08055, USA.

Comput. Linguist. (USA)
Computational Linguistics Published for the Association for Computational Linguistics by the MIT Press, 55 Hayward Street, Cambaridge, MA 02142, USA.

Comput. Mater. Sci. (Netherlands)
Computational Materials Science Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Math. Appl. (UK)
Computers & Mathematics with Applications Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.
Covered as Computers & Mathematics with Applications, Series A and Computers & Mathematics with Applications, Series B between June 1986 and Dec. 1986

Comput. Math. Math. Phys. (UK)
Computational Mathematics and Mathematical Physics [Formerly: *USSR Comput. Math. Math. Phys. (UK)*; Translation of: *Zh. Vychisl. Mat. Mat. Fiz. (Russia)*] Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Math. Model. (USA)
Computational Mathematics and Modeling Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.
English translation of selected articles from Sbornik Trudov Fakul'teta Vychislitel'noi Matematiki i Kibernetiki and from time to time, translation of significant articles from other Russian sources

Comput. Mech. Adv. (Netherlands)
Computational Mechanics Advances Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Med. Imaging Graph. (UK)
Computerized Medical Imaging and Graphics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington Lane, Oxford OX5 1GB, UK.

Comput. Methods Appl. Mech. Eng. (Netherlands)
Computer Methods in Applied Mechanics and Engineering Elsevier Science B.V., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Methods Programs Biomed. (Netherlands)
Computer Methods and Programs in Biomedicine Elsevier Science Ltd., Bay 15, Shannon Industrial Estate, Shannon, Co. Clare, Netherlands.

Comput. Model. Simul. Eng. (USA)
Computer Modeling and Simulation in Engineering Sage Science Press, 2455 Teller Road, Thousand Oaks, CA 91320, USA.

Comput. Music J. (USA)
Computer Music Journal MIT Press, 55 Hayward Street, Cambridge, MA 02142, USA.

Comput. Negot. Rep. (USA)
Computer Negotiations Report International Computer Negotiations Inc., 238 Christopher Street, Upper Montclair, NJ 07043, USA.

Comput. Netw. ISDN Syst. (Netherlands)
Computer Networks and ISDN Systems Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Oper. Res. (UK)
Computers & Operations Research Elsevier Science Ltd., Bampfylde Street, Exeter EX1 2AH, UK.

Comput. Optim. Appl. (Netherlands)
Computational Optimization and Applications Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Comput. Pers. (USA)
Computer Personnel Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Comput. Phys. (USA)
Computers in Physics American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797, USA.

Comput. Phys. Commun. (Netherlands)
Computer Physics Communications Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Process. Chin. Orient. Lang. (USA)
Computer Processing of Chinese & Oriental Languages Chinese Language Computer Society Inc., c/o Dr. D.T.Chang, CLCS Membership Chairman, IBM Scientific Center, 150 Page Mill Road, Palo Alto, CA 94303, USA.

Comput. Sch. (USA)
Computers in the Schools Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

Comput. Sci. Inform. (India)
Computer Science and Informatics Computer Society of India, 122 TV Industrial Estate, S K Ahire Marg, Worli, Bombay 400 025, India.

Comput. Secur. (UK)
Computers & Security Elsevier Advanced Technology, P.O.Box 150, Kidlington, Oxford OX5 1AS, UK.

Comput. Secur. J. (USA)
Computer Security Journal Computer Security Institute, 600 Harrison Street, San Francisco, CA 94107, USA.

Comput. Soc. (USA)
Computers & Society Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Comput. Speech Lang. (UK)
Computer Speech and Language Academic Press Inc., (London) Ltd., 24-28 Oval Road, London NW1 7DX, UK.

Comput. Stand. Interfaces (Netherlands)
Computer Standards & Interfaces Elsevier Science B.V., P.O. Box 211, 1000 AE Amsterdam, Netherlands.
Formed by merger of Computers & Standards and Interfaces in Computing

Comput. Stat. (Germany)
Computational Statistics Physica-Verlag GmbH, Tiergartenstrasse 17, 69121 Heidelberg, Germany.

Comput. Stat. Data Anal. (Netherlands)
Computational Statistics & Data Analysis Elsevier Science B.V., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Comput. Struct. (UK)
Computers and Structures Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Comput. Support. Coop. Work (CSCW) (Netherlands)
Computer Supported Cooperative Work (CSCW) Kluwer Academic Publishers Group, P.O. Box 322, 3300 AH Dordrecht, Netherlands.

Comput. Syst. (USA)
Computing Systems USENIX Association, 2560 Ninth Street, Suite 215, Berkeley, CA 94710, USA.

Comput. Syst. Sci. Eng. (UK)
Computer Systems Science and Engineering CRL Publishing Ltd., P.O.Box 31, Market Harborough, Leics. LE16 9RQ, UK.

Comput. Times with Computacards (UK)
Computer Times with Computacards Walker Ellis Ltd., 26 Lyons Drive, Worplesdon, Nr. Guildford, Surrey GU2 6BR, UK.

Comput. Vis. Image Underst. (USA)
Computer Vision and Image Understanding [Formerly: *CVGIP, Image Underst. (USA)*] Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Computer (USA)
Computer Institute of Electrical and Electronic Engineers Computer Society, 5855 Naples Plaza, Suite 301, Long Beach, CA 90803, USA.

Computerworld Financ. Serv. J. (USA)
Computerworld Financial Services Journal Box 9171, 500 Old Connecticut Path, Framingham, MA 01701-9171, USA.

Computing (Austria)
Computing Springer-Verlag, Sachsenplatz 4-6, P.O.Box 89, A-1201 Wien, Austria.

Computing, Suppl. (Austria)
Computing (Supplementum) [Issued with: *Computing (Austria)*]

COMSAT Tech. Rev. (USA)
COMSAT Technical Review COMSAT Corp., 22300 COMSAT Drive, Claksburg, MD 20871-9475, USA.

ComTec (Switzerland)
ComTec [Formerly: *Tech. Mitt. PTT (Switzerland)*] TELECOM PTT, Hallwag AG, Nordring 4, 3001 Bern, Switzerland.

Comun. Note Recens. Not. (Italy)
Comunicazione, Note Recensioni Notizie Istituto Superiore delle Poste e delle Telecomunicazioni, Viale Europa 190, 00144 Roma, Italy.

Comunicaciones (Cuba)
Comunicaciones Centro de Informacion de Comunicaciones, Ministerio de Comunicaciones, Habana, Cuba.

Concurr. Eng., Res. Appl. (USA)
Concurrent Engineering: Research and Applications Technomic Publishing Co. Inc., 851 New Holland Avenue, P.O.Box 3535, Lancaster, PA 17604, USA.

Concurrency, Pract. Exp. (UK)
Concurrency: Practice and Experience John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Connect. Sci. (UK)
Connection Science Carfax Publishing Co., P.O.Box 25, Abingdon, Oxon. OX14 3UE, UK.

Connexion (UK)
Connexion VNU Business Publications, VNU House, 32-34 Broadwick Street, London W1E 6EZ, UK.
Merged with Network to form Network News

ConneXions (USA)
ConneXions Interop Co., 303 Vintage Park Drive, Foster City, CA 94404-1138, USA.

Conspectus (UK)
Conspectus Prime Marketing Publications, Witton House, Lower Road, Chorleywood, Herts. WD3 5LB, UK.

Constr. Comput. (UK)
Construction Computing ESL (Englemere Services Limited), Englemere, Kings Ride, Ascot, Berks. SL5 7TB, UK.

Cont. Shelf Res. (UK)
Continental Shelf Research Elsevier Science Ltd., the Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Contemp. Phys. (UK)
Contemporary Physics Taylor & Francis Ltd., 1 Gundpowder Square, London EC4A 3DE, UK.

Contin. Mech. Thermodyn. (Germany)
Continuum Mechanics and Thermodynamics Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Contrib. Atmos. Phys. (Germany)
Contributions to Atmospheric Physics Friedr. Vieweg & Sohn Verlagsgesellschaft mbH, P.O.Box 5829, 65048 Wiesbaden, Germany.

Contrib. Inst. Low Temp. Sci. A (Japan)
Contributions from the Institute of Low Temperature Sciences, Series A Hokkaido University, Sapporo, Japan.

Contrib. Plasma Phys. (Germany)
Contributions to Plasma Physics Akademie-Verlag, Leipziger Strasse 3-4, P.O.Box 1233, O-1086 Berlin, Germany.

Control Cibern. Autom. (Cuba)
Control Cibernetica y Automatizacion Centro Nacional de Informacion Cientifico Tecnica, Academia de Ciencias de Cuba, San Martin 859, Ciudad de la Habana 3, Cuba.

Control Comput. (USA)
Control and Computers IASTED, 1811 West Katella Avenue, Suite 101, Anaheim, CA 92804, USA.

Control Cybern. (Poland)
Control and Cybernetics Systems Research Institute, Polish Academy of Sciences, Newelska 6, 01-447 Warszawa, Poland.

Control Eng. (USA)
Control Engineering Cahners Publishing Co, 8773 South Ridgeline Boulevard, Highlands Ranch, CO 80126-3439, USA.

Control Eng. Pract. (UK)
Control Engineering Practice Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Control Instrum. (UK)
Control & Instrumentation Miller Freeman Technical Ltd., 30 Calderwood Street, London SE18 6QH, UK.

Control Syst. (UK)
Control Systems IML Techpress, Blair House, High Street, Tonbridge, Kent TN9 1BQ, UK.

Control Theory Appl. (China)
Control Theory & Applications South China University of Technology, Guangzhou 510641. Subscription address: Guoji Shudian, P.O.Box 399, Beijing, China.

Controle Autom. (Brazil)
Controle & Automacao Sociedade Brasileira de Automatica, UFSC-CTC-EEL, Caixa Postal 476, CEP 88040-900 - Florianopolis - SC, Brazil.

Corros. Sci. (UK)
Corrosion Science Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Corros. Sci. Prot. Technol. (China)
Corrosion Science and Protection Technology Editorial Board of the Journal, 62 Wencui Road, Chenyang 110015, China.

Corrosion (USA)
Corrosion National Association of Corrosion Engineers, 1440 South Creek, Houston, TX 77084-4906, USA.

Cosm. Res. (USA)
Cosmic Research [Translation of: *Kosm. Issled. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Cost Eng. (USA)
Cost Engineering AACE International (AACE Inc.), 209 Prairie Avenue, Suite 100, Morgantown, WV 26505, USA.

C.R. Acad. Bulg. Sci. (Bulgaria)
Comptes Rendus de l'Academie Bulgare des Sciences Bulgarska Akademiya na Naukite, 1113 Sofiya, Ul. 'Akad. G. Bonchev', Bl. 6, Bulgaria.

C.R. Acad. Sci. I, Math. (France)
Comptes Rendus de l'Academie des Sciences, Serie I (Mathematique) Editions Gauthier-Villars, 5 rue Laromiguiere, Service des Periodiques, 75005, France.

C.R. Acad. Sci. II, Mec. Phys. Chim. Astron. (France)
Comptes Rendus de l'Academie des Sciences, Serie II (Mecanique-Physique-Chimie-Astronomie) Gauthier-Villars, Revues Scientifiques et Techniques, 15 rue Gossin, 92543 Montrouge Cedex, France.
Supersedes in part Comptes Rendus de l'Academie des Sciences, Serie II (Mecanique, Physique, Chimie Sciences de la Terre et de l'Univers)

C.R. Acad. Sci. II, Sci. Terre Planetes (France)
Comptes Rendus de l'Academie des Sciences, Serie II (Sciences de la Terre et des Planetes) Gauthier-Villars, Revues Scientifiques et Techniques, 15 rue Gossin, 92543 Montrouge Cedex, France.
Supersedes in part Comptes Rendus de l'Academie des Sciences, Serie II (Mecanique, Physique, Chimie Sciences de la Terre et de l'Univers)

C.R. Acad. Sci. Ser. Gen. Vie Sci. (France)
Comptes Rendus de l'Academie des Sciences, Serie Generale, la Vie des Sciences Gauthier-Villars, C.D.R., Centrale des Revues, 11 rue Gossin, 92543 Montrouge Cedex, France.

Cray Channels (USA)
Cray Channels Cray Research Inc., Department D, 655D Lone Oak Drive, Eagan, MN 55121, USA.

Credit Manage. (UK)
Credit Management Institute of Credit Management, The Water Mill, Station Road, South Luffenham, Oakham, Leics. LE15 8NB, UK.

Crit. Rev. Biomed. Eng. (USA)
Critical Reviews in Biomedical Engineering Begell House Inc., 79 Madison Avenue, New York, NY 10016, USA.

Crit. Rev. Solid State Mater. Sci. (USA)
Critical Reviews in Solid State and Materials Sciences CRC Press Inc., 2000 Corporate Boulevard, N.W., Boca Raton, FL 33431, USA.

CROSSCUTS (Switzerland)
CROSSCUTS Centro Svizzero di Calcolo Scientifico (CSCS), Via Cantonale-Galleria 2, CH-6928 Manno, Switzerland.

Cryogenics (UK)
Cryogenics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Cryptologia (USA)
Cryptologia United States Military Academy, West Point, NY 10996-9902, USA.

Cryst. Res. Technol. (Germany)
Crystal Research and Technology Akademie Verlag GmbH, Muhlenstrasse 33-34, D-13187 Berlin, Germany.

Crystallogr. Rep. (Russia)
Crystallography Reports [Translation of: *Kristallografiya (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

CSELT Tech. Rep. (Italy)
CSELT Technical Reports Centro Studi e Laboratori Telecomunicazioni, Via G. Reiss Romoli 274, 10148 Turin, Italy.

CSI Commun. (India)
CSI Communications Computer Society of India, 122 T V Industrial Estate, S.K. Ahire Marg, Worli, Bombay 400 025, India.

C.S.N.D.T. J. (Canada)
C.S.N.D.T. Journal Canadian Society for Nondestructive Testing Inc., Unit 47, 2400 Lucknow Drive, Mississauga, Ont. L5S 1T9, Canada.

CTE, Cable Commun. Q. (UK)
CTE-The Cable Communications Quarterly Society of Cable Telecommunication Engineers. Editorial address: David Sheppard & Associates, 35 Piccadilly, London W1V 1PB, UK.

Curr. Opin. Solid State Mater. Sci. (UK)
Current Opinion in Solid State & Materials Science Current Science Ltd., Middlesex House, 34-42 Cleveland Street, London W1P 6LB, UK.

Curr. Sci. (India)
Current Science Indian Academy of Sciences, P.B. No. 8005, C.V.Raman Avenue Bangalore-560080, India, India.

CVGIP, Graph. Models Image Process. (USA)
CVGIP: Graphical Models and Image Processing [Title changed to: *Graph. Models Image Process. (USA)*]

CVGIP, Image Underst. (USA)
CVGIP: Image Understanding [Title changed to: *Comput. Vis. Image Underst. (USA)*]

Cybern. Comput. Technol. (USA)
Cybernetics and Computing Technology [Translation of: *Kibern. Vychisl. Tekh. (Ukraine)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.
Each issue of the journal is concerned with a distinct topic: Discrete Control Systems, Ergatic Control Systems, Complex Control Systems, Medical Cybernetics, Man-Machine Systems and Human Factors

Cybern. Syst. (USA)
Cybernetics and Systems Taylor & Francis, 1101 Vermont Avenue, Suite 200, Washington, DC 20005, USA.

Cybern. Syst. Anal. (USA)
Cybernetics and Systems Analysis [Translation of: *Kibern. Sist. Anal. (Ukraine)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Cybernetica (Belgium)
Cybernetica Association Internationale de Cybernetique, Palais des Expositions, Place Andre Rijckmans, B-5000 Namur, Belgium.

Czech. J. Phys. (Czech Republic)
Czechoslovak Journal of Physics Editorial address: Institute of Physics, Academy of Sciences of the Czech Republic, Na Slovance 2, 180 40 Praha 8, Czech Republic.

Danfoss J. (Denmark)
Danfoss Journal Danfoss Manufacturing Co., Nordborg, Denmark.

Data Base (USA)
Data Base [Title changed to: *Data Base Adv. Inf. Syst. (USA)*]

Data Base Adv. Inf. Syst. (USA)
Data Base for Advances in Information Systems [Formerly: *Data Base (USA)*] Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Data Commun. Int. (USA)
Data Communications International McGraw-Hill Inc., McGraw-Hill Building, 1221 Avenue of the Americas, New York, NY 10020, USA.

Data Commun. Process. (Japan)
Data Communication and Processing Joho Kenkyu Shuppankai, 9-1-7 Akasaka, Minato-ku, Tokyo, Japan.

Data Knowl. Eng. (Netherlands)
Data & Knowledge Engineering Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Database (USA)
Database Online Inc., 462 Danbury Road, Wilton, CT 06897-2126, USA.

Database Netw. J. (UK)
Database and Network Journal A.P. Publications Ltd., 377 St. John Street, London EC1V 4LD, UK.

Databases J. (France)
Databases Journal 2 rue Caintron, 92120 Montrouge, France.

Datacom (UK)
Datacom [Title changed to: *Netw. Week (UK)*]

Datalogiske Skr. (Denmark)
Datalogiske Skrifter Roskilde University, Department of Computer Science, P.O.Box 260, DK-4000 Roskilde, Denmark.

Datamation (USA)
Datamation Cahners Publishing Co., 275 Washington Street, Newton, MA 02158, USA.

DBMS (USA)
DBMS Miller Freeman Inc., 411 Borel Avenue, Ste. 100, San Mateo, CA 94402, USA.
Not covered for the period 1989-1995

Dec User (UK)
Dec User EMAP Business and Computer Publications Ltd., 33-39 Bowling Green Lane, London EC1R 0DA, UK.

Decis. Sci. (USA)
Decision Sciences Decision Sciences Institute, College of Business Administration, Georgia State University, Atlanta, GA 30303, USA.

Decis. Support Syst. (Netherlands)
Decision Support Systems Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Deep-Sea Res. I, Oceanogr. Res. Pap. (UK)
Deep-Sea Research, Part I (Oceanographic Research Papers) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.
Supersedes in part: Deep-Sea Research, Part A (Oceanographic Research Papers)

Deep-Sea Res. II, Top. Stud. Oceanogr. (UK)
Deep-Sea Research, Part II (Topical Studies in Oceanography) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.
Supersedes in part: Deep-Sea Research, Part A (Oceanographic Research Papers)

Def. Sci. J. (India)
Defence Science Journal Defence Scientific Information & Documentation Centre, (DESIDOC), Metcalfe House, Delhi 110054, India.

Defektoskopiya (Russia)
Defektoskopiya [English translation in: *Russ. J. Nondestruct. Test. (USA)*] Academy of Sciences of the USSR, Moskva, Russia.
INSPEC coverage is from English translation

Denchuken Rev. (Japan)
Denchuken Review Central Research Institute of Electric Power Industry, Otemachi Building 7th, 1-6-1 Otemachi, Chiyoda-ku, Tokyo 100, Japan.

Denki Kagaku (Japan)
Denki Kagaku Electrochemical Society of Japan, Shin-yurakucho Building, 1-12-1 Yuraku-cho, Chiyoda-ku, Tokyo 100, Japan.

Des. Autom. Embedded Syst. (Netherlands)
Design Automation for Embedded Systems Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Des. Codes Cryptogr. (Netherlands)
Designs, Codes and Cryptography Kluwer Academic Publishers Group. P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Des. Eng. (UK)
Design Engineering Miller Freeman Technical Ltd., 30 Calderwood Street, London SE18 6QH, UK.
Incorporates Fluid Power International

Des. Stud. (UK)
Design Studies Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Deskt. Publ. Comment. (UK)
Desktop Publishing Commentary [Title changed to: *Prepress Comment. (UK)*]

Desktop Publ. (UK)
Desktop Publishing AB Publications, Vine House, Church Road, Harrietsham, Maidstone, Kent ME17 1HJ, UK.

Dialogoye Sist. (Latvia)
Dialogoye Sistemy Izdatel'stvo 'Zinatne', Riga, Latvia.

Diam. Films Technol. (Japan)
Diamond Films and Technology Scientific Publishing Division of MYU K.K., 2-32-3 Sendagi, Bunkyo-ku, Tokyo 113, Japan.

Diam. Relat. Mater. (Switzerland)
Diamond and Related Materials Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.

Diesel Gas Turbine Worldw. (USA)
Diesel & Gas Turbine Worldwide Diesel & Gas Turbine Publications, 13555 Bishop's Court, Brookfield, WI 53005-6286, USA.

Differ. Geom. Appl. (Netherlands)
Differential Geometry and its Applications Elsevier Science Publishers B.V. (North-Holland), P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Diffus. Defect Data B, Solid State Phenom. (Switzerland)
Diffusion and Defect Data Part B (Solid State Phenomena) Scitec Publications Ltd., Brandrain 6, CH-8707 Uetikon aS/Zurich, Switzerland.

Digit. Media (USA)
Digital Media Seybold Publications Inc., P.O.Box 644, Media, PA 19063, USA.

Digit. Publ. Technol. (UK)
Digital Publishing Technologies Learned Information Europe Ltd., Woodside, Hinksey Hall, Oxford OX1 5BE, UK.

Digit. Signal Process. (USA)
Digital Signal Processing Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Digit. Syst. Rep. (USA)
Digital Systems Report Computer Economics Inc., 5841 Edison Place, Carlsbad, CA 92008, USA.

Digit. Tech. J. (USA)
Digital Technical Journal Digital Equipment Corp., 30 Porter Road LSO2/D10, Littleton, MA 01460, USA.

Direct Mark. (USA)
Direct Marketing Hoke Communications Inc., 224 Seventh Street, Garden City, L.I., NY 11530-5771, USA.

Discovery (Finland)
Discovery Nokia Telecommunications, Information Department, P.O.Box 33, 02601 Espoo 60, Finland.

Discrete Appl. Math. (Netherlands)
Discrete Applied Mathematics Elsevier Science Publishers B.V., (North-Holland) P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Discrete Comput. Geom. (USA)
Discrete & Computational Geometry Springer-Verlag New York Inc., 175 Fifth Avenue, New York, NY 10010, USA.

Discrete Event Dyn. Syst., Theory Appl. (Netherlands)
Discrete Event Dynamic Systems: Theory & Applications Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Discuss. Math. Algebra Stoch. Methods (Poland)
Discussiones Mathemticae. Algebra and Stochastic Methods Technical University Press Zielona Gora, Podgorna 50, 65-246 Zielona Gora, Poland.

Disp. Devices (Japan)
Display Devices Dempa Publications Inc., 11-15 Higashi, Gotanda 1-chome, Shinagawa-ku, Tokyo 141, Japan.

Disp. Imaging Technol. (UK)
Display and Imaging Technology Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9PP, UK.

Displays (UK)
Displays Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Dist. Heat. Int. (Germany)
District Heating International [Title changed to: *Euroheat Power Fernwaerme Int. (Germany)*]

Distrib. Comput. (Germany)
Distributed Computing Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Distrib. Parallel Databases (Netherlands)
Distributed and Parallel Databases Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Distrib. Syst. Eng. (UK)
Distributed Systems Engineering Published jointly by The British Computer Society, The Institution of Electrical Engineers and Institute of Physics, UK.

DLA Bull. (USA)
DLA Bulletin University of California at Oakland, Division of Library Automation, 300 Lakeside Drive, 8th Floor, Oakland, CA 94612-3550, USA.

Doc. Bibl. (Canada)
Documentation et Bibliotheques Association pour l'Avancement des Sciences et des Techniques de la Documentation, 1030 rue Cherrier, Bureau 505, Montreal, Que. H2L 1H9, Canada.

Doc. Manag. (UK)
Document Manager Business and Technical Communications Ltd., 24 High Street, Beckenham, Kent BA3 1AY, UK.

Doc. NRPB (UK)
Documents of the NRPB National Radiological Protection Board, Chilton, Didcot, Oxon. OX11 0RQ, UK.

Doc. Ophthalmol. (Netherlands)
Documenta Ophthalmologica Kluwer Academic Publishers, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Doc.-Sci. Inf. (France)
Documentaliste - Sciences de l'Information ADBS, 25 rue Claude Tillier, 75012 Paris, France.

Doc. World (USA)
Document World IMC, International Information Management Congress, 1650 38th Street, Suite 205W, Boulder, CO 80301, USA.

Dokl. Akad. Nauk (Russia)
Doklady Akademii Nauk [English translation of selected articles in: *Phys.-Dokl. (Russia)*] Editorial address: 117864 GSP-7 Moskva V-485, Profsoyusnaya Ul. 90 KOM 301, Russia.

DOPS-NYT (Denmark)
DOPS-NYT Dansk Optisk Selskab, Forskerparken CAT, Postbox 30, 4000 Roskilde, Denmark.

Dr. Dobb's J. (USA)
Dr. Dobb's Journal Miller Freeman Inc., 600 Farrison Street, San Francisco, CA 94107, USA.
From August 1986 to September 1990 published under title Dr. Dobb's Journal of Software Tools

Drive Control (Germany)
Drive & Control Published for Siemens AG by MCD Verlag, Postfach 3240, D-91050 Erlangen, Germany.

Dyn. Atmos. Oceans (Netherlands)
Dynamics of Atmospheres and Oceans Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Dyn. Control (Netherlands)
Dynamics and Control Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Dyn. Stab. Syst. (UK)
Dynamics and Stability of Systems Carfax Publishing Co., P.O.Box 25, Abingdon, Oxon. OX14 3UE, UK.

EARSeL Adv. Remote Sens. (France)
EARSeL Advances in Remote Sensing EARSeL Secretariat, Bureau B-418, 2 Avenue Rapp, 75340 Paris Cedex 07, France.

Earth Moon Planets (Netherlands)
Earth, Moon, and Planets Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Earth Planet. Sci. Lett. (Netherlands)
Earth and Planetary Science Letters Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Earth Surf. Process. Landf. (UK)
Earth Surface Processes and Landforms John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

EBU Tech. Rev. (Switzerland)
EBU Technical Review European Broadcasting Union, Case Postale 67, CH-1218 Grand-Saconnex, Switzerland.

Echo Rech. (France)
L'Echo des Recherches Centre National d'Etudes des Telecommunications, 38 Rue du General Leclerc, 92 131 Issy-les-Moulineaux, France.

Econ. Comput. Econ. Cybern. Stud. Res. (Romania)
Economic Computation and Economic Cybernetics Studies and Research Academy of Economic Studies Bucharest, 15-17 Calea Dorobantilor, Bucharest, Romania.

ED-TECH Rev. (USA)
ED-TECH Review [Title changed to: *Educ. Technol. Rev. (USA)*]

EDI Forum (USA)
EDI Forum EDI Group Ltd., 221 Lake Street, Oak Park, IL 60302, USA.

EDI Law Rev. (Netherlands)
EDI Law Review Kluwer Law International, Carnegieplein 5D, P.O.Box 85889, 2508 CN The Hague, Netherlands.

EDN (Eur. Ed.) (USA)
EDN (European Edition) Cahners Publishing Co., 275 Washington Street, Newton, MA 02158-1630, USA.

EDPACS (USA)
EDPACS Auerbach Publications, Warren Gorham Lamont, 31 St. James Avenue, Boston, MA 02116, USA.

Educ. Inf. (Netherlands)
Education for Information IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Educ. Technol. (USA)
Educational Technology Educational Technology Publications, 700 Palisade Avenue, Englewood Cliffs, NJ 07632, USA.

Educ. Technol. Res. Dev. (USA)
Educational Technology, Research and Development Association for Educational Communications & Technology, 1025 Vermont Avenue, N.W., Suite 820, Washington, DC 20005, USA.

Educ. Technol. Rev. (USA)
Educational Technology Review [Formerly: *ED-TECH Rev. (USA)*] Association for the Advancement of Computing in Education, P.O.Box 2966, Charlottesville, VA 22902, USA.

Educ. Train. Technol. Int. (UK)
Educational and Training Technology International [Title changed to: *Innov. Educ. Train. Int. (UK)*]

EDUCOM Rev. (USA)
EDUCOM Review Educom, 1112 16th Street, N.W., Suite 600, Washington, DC 20036, USA.

EE Eval. Eng. (USA)
EE Evaluation Engineering Nelson Publishing, 2504 N. Tamiami Trail, Nokomis, FL 34275-3482, USA.

Efemer. Malykh Planet (Russia)
Efemeridy Malykh Planet Institut Teoreticheskoi Astonomii, Rossiiskoi Akademii Nauk, 191187 Sankt Peterburg, Nab. Kutuzova d.10, Russia.

Egypt. Comput. J. (Egypt)
Egyptian Computer Journal Cairo University, Institute of Statistical Studies and Research, P.O.Box 1017, 5 Tharwat Street, Orman, Giza, Egypt.

Egypt. J. Biomed. Eng. (Egypt)
Egyptian Journal of Biomedical Engineering National Information and Documentation Centre, NIDOC, Dokki, Cairo, Egypt.

Egypt. J. Solids (Egypt)
Egyptian Journal of Solids Egyptian Society of Solid State Science and Applications, 33 Abd El-Khalek Tharwat, Cairo, Egypt.

Eisenbahningenieur (Germany)
Eisenbahningenieur Tetzlaff Verlag GmbH, Nordkanalstrasse 36, D-20097 Hamburg, Germany.

El Energi (Denmark)
El & Energi Danske Elverksforening, Rosenorns Alle 9, 1970 Frederiksberg C, Denmark.

Electr. Constr. Maint. (USA)
Electrical Construction and Maintenance Intertec Publishing, 707 Westchester Avenue, White Plains, NY 10604, USA.

Electr. Contract. (UK)
Electrical Contractor E.C.A. Publications Ltd., Builder House, 1 Millharbour, London E14 9RA, UK.

Electr. Eng. (Germany)
Electrical Engineering [Formerly: *Arch. Elektrotech. (Germany)*] Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Electr. Eng. Jpn. (USA)
Electrical Engineering in Japan Scripta Technica Inc., 8555 16th Street, Suite 220, Silver Spring, MD 20910, USA.
English translation of Transactions of the Institute of Electrical Engineers of Japan, Parts A,B and C

Electr. Equip. (UK)
Electrical Equipment Wilmington Publishing Ltd., Church Hill, Dartford, Kent DA2 7EF, UK.

Electr. Mach. Power Syst. (USA)
Electric Machines and Power Systems Taylor & Francis, 1101 Vermont Avenue, N.W., Suite 200, Washington, DC 20005-3521, USA.

Electr. Power Int. (USA)
Electric Power International McGraw-Hill Inc., 11 West 19th Street, Second Floor, New York, NY 10011, USA.

Electr. Power Syst. Res. (Switzerland)
Electric Power Systems Research Elsevier Sequoia S.A., P.O. Box 564, CH-1001 Lausanne 1, Switzerland.

Electr. Railw. (Japan)
Electric Railways Railway Electrification Association Inc., No.512 5th FJTB Building, 1-6-4 Marunouchi, Chiyoda-ku, Tokyo 100, Japan.

Electr. Rev. (UK)
Electrical Review Reed Business Publishing Ltd., Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, UK.

Electr. Technol. (UK)
Electrical Technology Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.
English translation of selected articles from Elektrichestvo

Electr. Times (UK)
Electrical Times Reed Business Publishing, Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, UK.

Electr. Word (Netherlands)
Electric Word Media Nederland B V, Emmalaan 21, 1075 AT Amsterdam, Netherlands.

Electr. World (USA)
Electrical World McGraw-Hill Publishing Co., 1221 Avenue of the Americas, New York, NY 10020, USA.

Electra (France)
Electra 3-5 rue de Metz, 75010 Paris, France.

Electricidade (Portugal)
Electricidade Empresa Editorial Electrotecnica Edel, Rua de Dona Estefania, 48, 3., Esq., 1000 Lisboa, Portugal.
From May 1982 to December 1985 published under the title Electricidade, Energia-Electronica

Electro- & Magnetobiol. (USA)
Electro- and Magnetobiology Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5158, USA.

Electro-Opt. (UK)
Electro-Optics Milton Publishing Co. Ltd., 5 Tranquil Passage, Blackheath, London SE3 0BY, UK.

Electrochem. Soc. Interface (USA)
Electrochemical Society Interface Electrochemical Society, 10 South Main Street, Pennington, NJ 08534-2896, USA.

Electroencephalogr. Clin. Neurophysiol. (Ireland)
Electroencephalography and Clinical Neurophysiology Elsevier Scientific Publishers Ireland Ltd., P.O.Box 85, Limerick, Ireland.

Electroencephalogr. Clin. Neurophysiol. Electromyogr. Motor Control (Ireland)
Electroencephalography and Clinical Neurophysiology, Electromyography and Motor Control Elsevier Science Ireland Ltd., Bay 15K, Shannon Industrial Estate, Shannon, Co. Clare, Ireland.

Electroencephalogr. Clin. Neurophysiol. Evoked Potentials (Ireland)
Electroencephalography and Clinical Neurophysiology, Evoked Potentials Elsevier Science Ireland Ltd., Bay 15K, Shannon Industrial Estate, Shannon, Co. Clare, Ireland.

Electromagnetics (USA)
Electromagnetics Taylor & Francis, 1101 Vermont Avenue, N.W., Suite 200, Washington, DC 20005-3521, USA.

Electromedica (Germany)
Electromedica Siemens Aktiengesellschaft, Medical Engineering Group, 8520 Erlangen, Hartmannstrasse 65, Germany.

Electromotion (Romania)
Electromotion Mediamira Science Publisher, P.O.Box 117, RO-3400 Cluj-Napoca 1, Romania.

Electromyogr. Clin. Neurophysiol. (Belgium)
Electromyography and Clinical Neurophysiology Nauwelaerts Publishing Cy, Rue de l'Eglise St-Sulpice 19, B-1320 Beauvechain, Belgium.

Electron. Bus. Buyer (USA)
Electronic Business Buyer [Title changed to: *Electron. Bus. Today (USA)*]

Electron. Bus. Today (USA)
Electronic Business Today [Formerly: *Electron. Bus. Buyer (USA)*] Cahners Publishing Co., 8773 South Ridgeline Boulevard, Highlands Ranch, CO 80126-2329, USA.

Electron. Commun. Eng. J. (UK)
Electronics & Communication Engineering Journal Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK.
Incorporating Journal of the Institution of Electronics and Radio Engineers

Electron. Commun. Jpn. 1, Commun. (USA)
Electronics and Communications in Japan, Part 1 (Communications) Scripta Technica Inc., 8555 16th Street, Suite 220, Silver Spring, MD 20910, USA.
English translation of selected articles from Transactions of the Institute of Electronics, Information and Communication Engineers of Japan, Parts A, B-I, B-II, C-I, C-II, D-I and D-II. Supersedes in part: Electronics and Communications in Japan

Electron. Commun. Jpn. 2, Electron. (USA)
Electronics and Communications in Japan, Part 2 (Electronics) Scripta Technica Inc., 8555 16th Street, Suite 220, Silver Spring, MD 20910, USA.
English translation of selected articles from Transactions of the Institute of Electronics, Information and Communication Engineers of Japan, Parts A, B-I, B-II, C-I, C-II, D-I and D-II. Supersedes in part: Electronics and Communications in Japan

Electron. Commun. Jpn. 3, Fundam. Electron. Sci. (USA)
Electronics and Communications in Japan, Part 3 (Fundamental Electronic Science) Scripta Technica Inc., 8555 16th Street, Suite 220, Silver Spring, MD 20910, USA.
English translation of selected articles from Transactions of the Institute of Electronics and Communication Engineers of Japan, Parts A, B-I, B-II, C-I, C-II, D-I and D-II

Electron. Des. (USA)
Electronic Design Penton Publishing Inc., 1100 Superior Avenue, Cleveland, OH 44114-2543, USA.

Electron. Eng. (UK)
Electronic Engineering Miller Freeman Technical Ltd., 30 Calderwood Street, Woolwhich, London SE18 6QH, UK.

Electron. Ind. (UK)
Electronics Industry ES Publications Ltd., 46-50 Coombe Road, New Malden, Surrey KT3 4QH, UK.

Electron. Inf. Plan. (India)
Electronics Information and Planning Information, Planning and Analysis Group, Department of Electronics, 'A' Block, CGO Complex, Lodhi Road, New Delhi 110 003, India.

Electron. Lett. (UK)
Electronics Letters Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

Electron. Libr. (UK)
Electronic Library Learned Information Ltd., Woodside, Hinksey Hill, Oxford OX1 5BE, UK.

Electron. Manuf. Test (UK)
Electronics Manufacture & Test IML Group plc, Blair House, High Street, Tonbridge, Kent TN9 1BQ, UK.

Electron-Microsc. (Japan)
Electron-Microscopy Department of Anatomy, Faculty of Medicine, Kyoto University, Yoshida, Sakyo-ku, Kyoto 606, Japan.

Electron. Model. (UK)
Electronic Modeling [Translation of: *Elektron. Model. (Ukraine)*] Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9PP, UK.
INSPEC coverage is from original Russian journal

Electron. Opt. Publ. Rev. (UK)
Electronic and Optical Publishing Review Learned Information Ltd., Woodside, Hinksey Hill, Oxford OX1 5AU, UK.

Electron. Packag. Prod. (USA)
Electronic Packaging and Production Cahners Publishing Co., 8773 South Ridgeline Boulevard, Highlands Ranch, CO 80126-2329, USA.

Electron. Prod. (UK)
Electronic Production Angel Publishing Ltd., Kingsland House, 361 City Road, London EC1V 1LR, UK.

Electron. Prod. Des. (UK)
Electronic Product Design IML Techpress, Blair House, 184-186 High Street, Tonbridge, Kent TN9 1BQ, UK.

Electron. Publ., Orig. Dissem. Des. (UK)
Electronic Publishing: Origination, Dissemination and Design John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Electron Technol. (Poland)
Electron Technology Institute of Electron Technology, Al. Lotnikow 32/46, 02-668 Warszawa, Poland.

Electron. Wkly. (UK)
Electronics Weekly Reed Business Publishing, Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, UK.

Electron. World Wirel. World (UK)
Electronics World + Wireless World Reed Business Publishing Ltd., Quadrant House, The Qudrant, Sutton, Surrey SM2 5AS, UK.

Electrotechnology (UK)
Electrotechnology Institution of Electrical and Electronics Technician Engineers, 2 Savoy Hill, London, WC2R OBS, UK.

Electroteh. Electron. Autom., Electroteh. (Romania)
Electrotehnica, Electronica si Automatica. Electrotehnica ICPE-Research and Development Institute for Electrical Engineering, Splaiul Unirii nr.313, Sector 3, Bucuresti 74204, Romania.

Elektr. Bahnen (Germany)
Elektrische Bahnen R. Oldenbourg Verlag , Rosenheimer Strasse 145, 81671 Munchen, Germany.

Elektr. Masch. (Germany)
Elektrische Maschinen Huthig & Pflaum Verlag GmbH & Co., Im Weiher 10, 69121 Heidelberg, Germany.

Elektrichestvo (Russia)
Elektrichestvo Editorial address: B. Cherkasskii per 2/10, 103012 Moskva K-12, Russia.
English translation of selected articles appear in Electric Technology (formerly Electric Technology USSR)

Elektrie (Germany)
Elektrie Dr. Heide & Partner GmbH, Enckevortweg 7, O-10319 Berlin, Germany.

Elektrizitaetswirtschaft (Germany)
Elektrizitaetswirtschaft VDEW, Stresemannallee 30, 60596 Frankfurt (Main), Germany.

Elektro Autom. (Germany)
Elektro Automation Konradin Verlag Robert Kohlhammer GmbH, Ernst-Mey-Strasse 8, 70771 Leinfelden-Echterdingen, Germany.

Elektro-Jahr (West Germany)
Elektro-Jahr [Issued with: *Elektrotechnik (Germany)*]

Elektrokhimiya (Russia)
Elektrokhimiya [English translation in: *Sov. Electrochem. (USA)*] Institut-Elektrokhimii. Akademiya Nauk SSSR, Moskva-V71, Leninskii Prospekt 31, Russia.
INSPEC coverage is from English translation

Elektron (South Africa)
Elektron Elektron Management Partnership, P.O.Box 458, Muldersdrif 1747, South Africa.

Elektron. Ind. (Germany)
Elektronik Industrie Huthig GmbH, Postfach 102869, 69010 Heidelberg, Im Weiher 10, Germany.

Elektron. Model. (Ukraine)
Elektronnoe Modelirovanie [English translation in: *Electron. Model. (UK)*] Izdatel'stvo 'Naukova Dumka'. Editorial address: 252164 Kiev, Ul. Generala Naumova 15, Ukraine.

Elektron. Prax. (Germany)
Elektronik Praxis Vogel-Verlag und Druck GmmbH & Co. KG, Max-Planck-Strasse 7-9, 97064 Wurzburg, Germany.

Elektron. Tekh., 12 (Russia)
Elektronnaya Tekhnika. Seriya 12 Ministerstvo Elektronnoy Promishlennosti SSSR, Institut 'Elektronika', Moskva, Russia.

Elektronica (Netherlands)
Elektronica Kluwer Techniek, Postbus 23, 7400 Deventer, Netherlands.

Elektronik (Germany)
Elektronik Franzis-Verlag GmbH, Dornacher Strasse 3d, 85622 Feldkirchen, Germany.

Elektronika (Poland)
Elektronika Editorial address: 03-450 Warszawa, Ul. Ratuszowa 11, Poland.

Elektroprivreda (Serbia)
Elektroprivreda Zajednica Jugoslavenske Elektroprivrede, 11000 Beograd, Balkanska 13, Serbia.

Elektrosvyaz (Russia)
Elektrosvyaz [English translation in: *Telecommun. Radio Eng. 1, Telecommun. (USA)*] Ministerstvo svyazi SSR, Russia.
INSPEC coverage is from English translation

Elektrotech. Cas. (Slovakia)
Elektrotechnicky Casopis [Title changed to: *J. Electr. Eng. (Slovakia)*]

Elektrotech. Inf.tech. (Austria)
Elektrotechnik und Informationstechnik Springer-Verlag, Sachsenplatz 4-6, P.O.Box 89, A-1201 Wien, Austria.

Elektrotechnik (Germany)
Elektrotechnik Vogel-Verlag KG, Max-Planck-Strasse 7-9, 97064 Wurzburg, Germany.

Elektrotechnik (Switzerland)
Elektrotechnik AT Zeitschriftenverlag Elektrotechnik, Bahnhofstrasse 39-43, 5001 Aarau, Switzerland.

Elektrotechnika (Hungary)
Elektrotechnika 1055 Budapest V, Kossuth Lajos ter 6-8, Hungary.

Elektroteh. Vestn. (Slovenia)
Elektrotehniski Vestnik Editorial address: YU-61001 Ljubljana, P.O. Box 92 - II, Trzaska 25, Slovenia.

Elektrotehnika, Zagreb (Croatia)
Elektrotehnika Savez Elektroinzenjera Hrvatske (SEITH), Berislaviceva 6/1, 41000 Zagreb, Croatia.

Elektrotekhnika (Russia)
Elektrotekhnika [English translation in: *Russ. Electr. Eng. (USA)*] Izdatel'stvo 'Energiya', 113114 Moskva, M-114 Shlyuzovaya Nab., 10, Russia.
INSPEC coverage is from English translation

Elektrowaerme Int. B (Germany)
Elektrowaerme International, Edition B Vulkan-Verlag GmbH, Postfach 10 39 62, Haus der Technik, D-45039 Essen, Germany.
Supersedes in part: Elektrowaerme

Elettrificazione (Italy)
Elettrificazione Editoriale Delfino, Via S. d'Orsenigo 25, 20135 Milano, Italy.

Elettron. Oggi (Italy)
Elettronica Oggi Gruppo Editoriale Jackson, Via Gorki 69, 20092 Cinisello Balsamo MI, Italy.

Elettron. Telecomun. (Italy)
Elettronica e Telecomunicazioni Edizioni Nuova Eri, Via Arsenale 41, 10121 Torino, Italy.

Elin-Z. (Austria)
Elin-Zeitschrift Elin Union, A-1141 Wien XIV, Penzinger Strasse 76, Austria.

Embedded Syst. Eng. (UK)
Embedded System Engineering Electronic Design Automation Ltd., 31-33 High Holborn, London WC1V 6BD, UK.

Embedded Syst. Program. (USA)
Embedded Systems Programming Miller Freeman Inc., 600 Harrison Street, San Francisco, CA 94107, USA.

Empir. Softw. Eng. (Netherlands)
Empirical Software Engineering Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Endeav. New Ser. (UK)
Endeavour, New Series Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Energ. Elettr. (Italy)
Energia Elettrica Associazione Elettrotecnica ed Elettronica Italiana, Viale Monza 259, 20126 Milano, Italy.
Formed by merger of Energia Elettrica A and Energia Elettrica B

Energ. Milieuspectr. (Netherlands)
Energie en Milieuspectrum ten Hagen & Stam bv, Regulusweg 11, Postbus 34, 2501 25 01 AG Den Haag, Netherlands.

Energ. Nucl. (Spain)
Energia Nuclear Junta de Energia Nuclear, Avda. Complutense 22, Ciudad Universitaria, Madrid-3, Spain.

Energetika (Lithuania)
Energetika Academia, A. Gostauto 12, 2600 Vilnius, Lithuania.

Energetika (Russia)
Energetika [Formerly: *Izv. Ross. Akad. Nauk Energ. (Russia)*; English translation in: *Appl. Energy, Russ. J. Fuel Power Heat Syst. (USA)*] Rossiiskaya Akademiya Nauk, 117071 Moskva V-71, Leninskii Pr. 1, Russia.
INSPEC coverage is from English translation

Energetyka (Poland)
Energetyka SIGMA-NOT, ul. Jordana 25, 40-952 Katowice, Poland.

Energietechniek (Netherlands)
Energietechniek Editorial address: Redactie Energietechniek, Postbus 9035, 6800 ET Arnhem, Netherlands.

Energija (Croatia)
Energija 4100 Zagreb, Ulica Grada Vukovara 37, P.O.Box 293, Croatia.

Energ.wirtsch. Tagesfr. (Germany)
Energiewirtschaftliche Tagesfragen Energiewirtschaft und Technik Verlagsgesellschaft mbH, Oberrather Strasse 20, 40435 Dusseldorf, Germany.

Energy (UK)
Energy Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Energy Build. (Switzerland)
Energy and Buildings Elsevier Sequoia S.A., P.O. Box 564, 1001 Lausanne 1, Switzerland.

Energy Convers. Manage. (UK)
Energy Conversion and Management Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Energy Dev. (Germany)
Energy Developments Technischer Verlag Resch KG, Postfach 1129, W-8032 Grafelfing/Munchen, Germany.

Energy J. (New Zealand)
Energy Journal Technical Publications (UK) Ltd., P.O.Box 14-116, Panmure, Auckland, New Zealand.

Energy Policy (UK)
Energy Policy Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Energy Sources (USA)
Energy Sources Taylor & Francis, 3 East 44th Street, New York, NY 10017, USA.

Eng. Anal. Bound. Elem. (UK)
Engineering Analysis with Boundary Elements Elsevier Science Ltd., The Boulevard, Langford Lane, Kindlington, Oxford OX5 1GB, UK.

Eng. Appl. Artif. Intell. (UK)
Engineering Applications of Artificial Intelligence Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Eng. Aust. (Australia)
Engineers Australia Engineers Australia Pty Ltd., 2 Ernest Place, Crows Nest, NSW 2065, Australia.

Eng. Autom. (Germany)
Engineering & Automation Siemens Aktiengesellschaft, P.O.Box 3240, D-91050 Erlangen, Germany.

Eng. Comput. (UK)
Engineering Computations MCB University Press, 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Eng. Comput. (UK)
Engineering Computers [Title changed to: *Manuf. Comput. Solut. (UK)*]

Eng. Comput. (USA)
Engineering with Computers Springer-Verlag London Ltd., Sweetapple House, Catteshall Road, Godalming, Surrey GU7 3DJ, USA.

Eng. Des. (UK)
Engineering Designer Institution of Engineering Designers, Courtleigh, Westbury Leigh, Westbury, Wilts. BA13 3TA, UK.

Eng. Des. Autom. (USA)
Engineering Design & Automation John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Eng. Dig. (UK)
Engineers' Digest Catalyst Publications Ltd., 159-160 Clapham High Street, London SW4 7SS, UK.

Eng. Econ. (USA)
Engineering Economist Published by the American Society for Engineering Education and Institute of Industrial Engineers at 25 Technology Park, Norcross, GA 30092, USA.

Eng. Fract. Mech. (UK)
Engineering Fracture Mechanics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Eng. Intell. Syst. Electr. Eng. Commun. (UK)
Engineering Intelligent Systems for Electrical Engineering and Communications CRL Publishing Ltd., P.O.Box 31, Market Harborough, Leics. LE16 9RQ, UK.

Eng. Manage. J. (UK)
Engineering Management Journal Institution of Electrical Engineers, Savoy Place, London WC2 0BL, UK.

Eng. Sci. Educ. J. (UK)
Engineering Science and Education Journal Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK.

Eng. Sci. Rep. Kyushu Univ. (Japan)
Engineering Sciences Reports, Kyushu University Graduate School of Engineering Sciences, Kyushu University 39, Kasuga 816, Japan.

Eng. Technol. (Japan)
Engineering & Technology Kogakkai, Kansai University, Faculty of Engineering, Senriyama, Suita-shi, 564 Osaka, Japan.

Entropie (France)
Entropie Boite Postale 63, F-94002 Creteil Cedex, France.

Environ. Inf. Sci. (Japan)
Environmental Information Science Center for Environmental Information Science, 4-7-24 Kudan-minami, Chiyoda-ku, Tokyo 102, Japan.

Environ. Monit. Assess. (Netherlands)
Environmental Monitoring and Assessment Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Environ. Softw. (UK)
Environmental Software Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

EPE Eur. Prod. Eng. (Germany)
EPE European Production Engineering Carl Hanser Verlag, Kolbergerstrasse 22, W-8000 Munich 80, Germany.

EPE J. (Belgium)
EPE Journal European Power Electronics and Drives Association, EPE Association, c/o VUB-TW, Pleinlaan 2, B-1050 Brussel, Belgium.

EPRI J. (USA)
EPRI Journal Electric Power Research Institute, P.O.Box 10412, Palo Alto, CA 94303, USA.

Epson World (USA)
Epson World Computer Communications Inc., P.O.Box 250, Camden, ME 04843, USA.

Epure (France)
Epure Electricite de France, Direction des Etudes et Recherches, 1 Avenue de General-de-Gaulle, 92141 Clamart Cedex, France.

ERA (Sweden)
ERA ERA, 101 53 Stockholm, Sweden.

Ercole Marelli (Italy)
Ercole Marelli 20121 Milano, via Borgonuovo 24, Italy.

Ergon. Des. (USA)
Ergonomics in Design Human Factors and Ergnomics Society, P.O.Box 1369, Santa Monica, CA 90406-1369, USA.

Ericsson Rev. (Sweden)
Ericsson Review LM Ericsson, S-12625 Stockholm 32, Sweden.

ESA Bull. (France)
ESA Bulletin ESA Space Documentation Service, 8-10 rue Mario Nikis, 75738 Paris Cedex 15, France.

ESA J. (Netherlands)
ESA Journal ESA Scientific & Technical Information Branch, ESTEC, Noordwijk, Netherlands.

ESARDA Bull. (Italy)
ESARDA Bulletin European Commission, Joint Research Centre, I-21020 Ispra, Italy.

ESF Synchrotron Radiat. News (France)
ESF Synchrotron Radiation News [Issued with: *Nucl. Instrum. Methods Phys. Res. (Netherlands)*]

ESO Messenger (Germany)
ESO Messenger European Southern Observatory, Karl-Schwarzschild-Strasse 2, D-85748 Garching bei Munchen, Germany.

ETA Elektrowaerme Tech. Ausbau A (Germany)
ETA Elektrowaerme im Technischen Ausbau, Edition A Vulkan-Verlag GmbH, Haus der Technik, Hollerstrasse 1g, Postfach 10 39 62, W-4300 Essen 1, Germany.

ETRI J. (South Korea)
ETRI Journal Electronics and Telecommunication Research Institute, 161 Kajong-dong, Yusong-gu, Taejon 305-606, South Korea.

ETZ (Germany)
ETZ VDE-Verlag GmbH, Bismarckstrasse 33, 10625 Berlin, Germany.

Eur. Biophys. J. (Germany)
European Biophysics Journal Springer-Verlag, Postfach 10 52 80, D-69042 Heidelberg, Germany.

Eur. Electro-Opt. (USA)
European Electro-Optics [Issued with: *Laser Focus World (USA)*]

Eur. J. Control (UK)
European Journal of Control Springer-Verlag London Ltd., Sweetapple House, Catteshall Road, Godalming, Surrey GU7 1NH, UK.

Eur. J. Eng. Educ. (UK)
European Journal of Engineering Education Carfax Publishing Co., P.O. Box 25, Abingdon, Oxon. OX14 3UE, UK.

Eur. J. Inf. Syst. (UK)
European Journal of Information Systems Operational Research Society, Seymour House, 12 Edward Street, Birmingham B1 2RX, UK.

Eur. J. Mech. A, Solids (France)
European Journal of Mechanics, A/Solids Gauthier-Villars, 15 rue Gossin, 92543 Montrouge Cedex, France.
Supersedes in part: Journal de Mecanique Theorique et Appliquee

Eur. J. Mech. B, Fluids (France)
European Journal of Mechanics, B/Fluids Gauthier-Villars, 5 rue Laromiguirer, F-75005 Paris, France.
Supersedes in part: Journal de Mecanique Theorique et Appliquee

Eur. J. Mineral. (Germany)
European Journal of Mineralogy Published for the Deutsche Mineralogische Gesellschaft, Societa Italiana di Mineralogia e Petrologia, Societe Francaise de Mineralogie et de Cristallographie in cooperation with the European Mineralogical Union by E. Schweizerbart'sche Verlagsbuchhandlung (Nagele u. Obermiller), Johannesstrasse 3A, W-7000 Stuttgart 1, Germany.

Eur. J. Oper. Res. (Netherlands)
European Journal of Operational Research Elsevier Science B.V., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Eur. J. Phys. (UK)
European Journal of Physics IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Eur. J. Solid State Inorg. Chem. (France)
European Journal of Solid State and Inorganic Chemistry Gauthier-Villars, 15 rue Gossin, 92543 Montrouge Cedex, France.

Eur. Semicond. (UK)
European Semiconductor Angel Publishing, Kingsland House, 361 City Road, London EC1V 1LR, UK.

Eur. Trans. Electr. Power (Germany)
European Transactions on Electrical Power VDE-Verlag GmbH, Bismarckstrasse 33, D-10625 Berlin, Germany.

Eur. Trans. Telecommun. (Italy)
European Transactions on Telecommunications [Formerly: *Eur. Trans. Telecommun. Relat. Technol. (Italy)*] AEI-Associazione Elettrotecnica ed Elettronica Italiana, Viale Monza 259, 20126 Milano, Italy.

Eur. Trans. Telecommun. Relat. Technol. (Italy)
European Transactions on Telecommunications and Related Technologies [Title changed to: *Eur. Trans. Telecommun. (Italy)*]

Euroheat Power Fernwaerme Int. (Germany)
Euroheat & Power Fernwaerme International [Formerly: *Dist. Heat. Int. (Germany)*] Verlags- und Wirtschaftsgesellschaft der Elektrizitatswerke GmbH, VWEW, Rebstocker Strasse 59, D-60326 Frankfurt am Main, Germany.

EurOpen Newsl. (UK)
EurOpen Newsletter EurOpen, Owles Hall, Buntingford, Herts. SG9 9PL, UK.

Europhys. Lett. (Switzerland)
Europhysics Letters European Physical Society, P.O.Box 69, CH-1213 Petit Lancy 2, Switzerland.
Formed by merger of Lettere al Nuovo Cimento and Journal de Physique Lettres

Europhys. News (Switzerland)
Europhysics News European Physical Society, P.O.Box 69, CH-1213 Petit-Lancy 2, Switzerland.

Evans Rep. (Canada)
Evans Report Evans Research Corp., 2005 Sheppard Avenue E., 4th Floor, Willowdale, Ont. M2J 5B1, Canada.

EX Mag. (Germany)
EX Magazine R. Stahl GmbH & Co., P.O. Box 210, Bergstrasse 2, W-7118 Kunzelsau, Germany.

Exp. Astron. (Netherlands)
Experimental Astronomy Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.
Supplement to Astrophysics and Space Science

Exp. Fluids (Germany)
Experiments in Fluids Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Exp. Heat Transf. (UK)
Experimental Heat Transfer Published for Hemisphere Publishing Corp., by Taylor & Francis Ltd., Rankine Road, Basingstoke, Hants. RG24 0PR, UK.

Exp. Mech. (USA)
Experimental Mechanics Sage Science Press, 2455 Teller Road, Thousand Oaks, CA 91320, USA.

Exp. Tech. (USA)
Experimental Techniques Society for Experimental Mechanics, 7 School Street, Bethel, CT 06801, USA.

Exp. Tech. Phys. (Germany)
Experimental Technique of Physics Heldermann Verlag, Langer Graben 13d, 32657 Lemgo, Germany.

Expert Syst. (UK)
Expert Systems Blackwell Publishers Ltd., 108 Cowley Raod, Oxford OX4 1JF, UK.

Expert Syst. Appl. (UK)
Expert Systems with Applications Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Expert Syst. Inf. Manage. (UK)
Expert Systems for Information Management Taylor Graham, 500 Chesham House, 150 Regent Street, London W1R 5FA, UK.

Expert Syst. User (UK)
Expert Systems User Cromwell House, 20 Bride Lane, London EC4B 4AH, UK.

Explor. Geophys. (Australia)
Exploration Geophysics Blackwell Scientific Publications (Australia) Pty. Ltd., 54 University Street, Carlton, Vic. 3053, Australia.

Facilities (UK)
Facilities MCB University Press, 60-62 Toller Lane, Bradford BD8 9BY, UK.

Faraday Discuss. (UK)
Faraday Discussions Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge CB4 4WF, UK.

Faraday Symp. Chem. Soc. (UK)
Faraday Symposia of the Chemical Society Faraday Division Burlington House, London W1V 0BN, UK.

Fatigue Fract. Eng. Mater. Struct. (UK)
Fatigue & Fracture of Engineering Materials & Structures Fatigue & Fracture of Engineering Materials & Structures Ltd., Faculty of Engineering, University of Sheffield, Mappin Street, Sheffield S1 3JD, UK.

Fernmelde-Ing. (Germany)
Fernmelde-Ingenieur Verlag fur Wissenschaft und Leben Georg Heidecker GmbH, Postfach 35 66, 91023 Erlangen, Germany.

Fernseh- & Kino-Tech. (Germany)
Fernseh- und Kino-Technik Huthig GmbH, Im Weiher 10, 69121 Heidelberg, Germany.

Ferroelectr. Lett. Sect. (Switzerland)
Ferroelectrics Letters Section [Formerly: *Ferroelectr. Lett. Sect. (UK)*] Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Ferroelectr. Lett. Sect. (UK)
Ferroelectrics Letters Section [Title changed to: *Ferroelectr. Lett. Sect. (Switzerland)*]

Ferroelectrics (Switzerland)
Ferroelectrics [Formerly: *Ferroelectrics (UK)*] Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Ferroelectrics (UK)
Ferroelectrics [Title changed to: *Ferroelectrics (Switzerland)*]

Few-Body Syst. (Austria)
Few-Body Systems Springer-Verlag Wien, Sachsenplatz 4-6, P.O.Box 89, A-1201 Wien, Austria.

Few-Body Syst. Suppl. (Austria)
Few-Body Systems Supplementum [Issued with: *Few-Body Syst. (Austria)*]

Fiber Integr. Opt. (USA)
Fiber and Integrated Optics Taylor & Francis, 1101 Vermont Avenue, N.W., Suite 200, Washington, DC 20005, USA.

Fibre Opt. Commun. User Syst. (UK)
Fibre Optic Communications and User Systems F.O.C.U.S. Ltd., Cotswold House, Kingston, Ringwood, Hants. BH24 3BQ, UK.

Financ. Dir. (UK)
Financial Director VNU Business Publications, VNU House, 32-34 Broadwick Street, London W1A 2HG, UK.

Financ. Exec. (USA)
Financial Executive Financial Executives Institute, 10 Madison Avenue, P.O.Box 1938, Morristown, NJ 07960-1938, USA.
From Jan.-Feb. 1985 to April 1987 published under the title FE: The Magazine for Financial Executives

Financ. Technol. Insight (UK)
Financial Technology Insight [Title changed to: *Financ. Technol. Int. Bull., FTiB (UK)*]

Financ. Technol. Int. Bull., FTiB (UK)
Financial Technology International Bulletin - FTiB [Formerly: *Financ. Technol. Insight (UK)*] Banking Technology Ltd., 57-61 Mortimer Street, London W1N 8JX, UK.

Financ. World (USA)
Financial World Financial World Partners, 1328 Broadway, New York, NY 1001-211601, USA.

Finite Elem. Anal. Des. (Netherlands)
Finite Elements in Analysis and Design Elsevier Science Publishers B.V., P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Finite Fields Appl. (USA)
Finite Fields and their Applications Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

First Monday (Denmark)
First Monday Munksgaard International Publishers, 35 Norre Sogade, P.O.Box 2148, DK-1370 Kobenhavn K, Denmark.
Electronic journal published as an electronic mail posting, on the World Wide Web (at http://www.firstmonday.dk) and as an annual CD-ROM

FITCE J. (Belgium)
FITCE Journal FITCE Secretariat, Rue des Palais 42, B-1210 Brussels, Belgium.

Fiz. Elem. Chastits At. Yadra (Russia)
Fizika Elementarnykh Chastits i Atomnogo Yadra [English translation in: *Phys. Part. Nuclei (USA)*] 103031 Moskva K31, Ul. Zhlanova 5, Russia.
INSPEC coverage is from English translation

Fiz. Goren. Vzryva (Russia)
Fizika Goreniya i Vzryva [English translation in: *Combust. Explos. Shock Waves (USA)*] Publication House 'Nauka', Siberian Division, Novosibirsk, Russia.
INSPEC coverage is from English translation

Fiz. Khim. Obrab. Mater. (Russia)
Fizika i Khimiya Obrabotki Materialov [English translation in: *Phys. Chem. Mater. Treat. (UK)*] Izdatel'stvo 'Nauka' 103717 GSP Moskva, K-62, Podsosenskii Per., 21, Russia.
INSPEC coverage is from English translation

Fiz. Khim. Stekla (Russia)
Fizika i Khimiya Stekla [English translation in: *Glass Phys. Chem. (Russia)*] Izdatel'stvo 'Nauka', Leningradskoe Otdelenie 199164 Leningrad, V-164, Mendeleevskaya Liniya 1, Russia.
INSPEC coverage is from English translation

Fiz. Met. Metalloved. (Russia)
Fizika Metallov i Metallovedenie [English translation in: *Phys. Met. Metallogr. (UK)*] Izdatel'stvo 'Nauka', 117864 GSR-7, Moskva V-485, Ul. Profsouyznaya 90, Russia.
INSPEC coverage is from English translation from 1996

Fiz. Nizk. Temp. (Ukraine)
Fizika Nizkikh Temperatur [English translation in: *Low Temp. Phys. (USA)*] Akademiya Nauk Ukrainyi, 47 Lenin Avenue, 310164 Kharkov, Ukraine.
INSPEC coverage is from English translation from 1995

Fiz. Plazmy (Russia)
Fizika Plazmy [English translation in: *Plasma Phys. Rep. (Russia)*] Izdatel stvo Nauka', 103717 Moskva, K-62 Podsosenskii 21, Russia.
INSPEC coverage since vol.9, no.4 (1983) is from English translation

Fiz. Tekh. Poluprovodn. (Russia)
Fizika i Tekhnika Poluprovodnikov [English translation in: *Semiconductors (USA)*] Publisher: Academy of Sciences of the USSR, 'Nauka' Press, Moscow and Leningrad. Subscription address: Mezhdunarodnaya Kniga, Moskva, Russia.
INSPEC coverage is from English translation

Fiz. Tverd. Tela (Russia)
Fizika Tverdogo Tela [English translation in: *Phys. Solid State (USA)*] Academy of Sciences Press, Moscow and Leningrad. Subscription address: Mezhdunarodnaya Kniga, Moskva, Russia.
INSPEC coverage is from English translation

Fizika A (Croatia)
Fizika A Editorial address: Bijenicka cesta 32, 41001 Zagreb, Croatia.
Supersedes in part: Fizika

Fizika B (Croatia)
Fizika B Editorial address: Bijenicka cesta 32, 41001 Zagreb, Croatia.
Supersedes in part: Fizika

Flow Meas. Instrum. (UK)
Flow Measurement and Instrumentation Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Fluid Dyn. (USA)
Fluid Dynamics [Translation of: *Mekh. Zhidk. Gaza (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Fluid Dyn. Res. (Netherlands)
Fluid Dynamics Research Elsevier Science Publishers BV, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Fluid Mech. Res. (USA)
Fluid Mechanics Research Scripta Technica Inc., 8555 16th Street, Suite 220, Silver Spring, MD 20910, USA.

Folia Fac. Sci. Nat. Univ. Masarykiana Brun. Phys. (Czech Republic)
Folia Facultatis Scientiarum Naturalium Universitatis Masarykiana Brunensis: Physica Masaryk University, 61137 Brno-Kotlarska 2, Czech Republic.

Form. Asp. Comput. (UK)
Formal Aspects of Computing Springer-Verlag London Ltd., Sweetapple House, Cattleshall Road, Godlaming, Surrey GU7 3DJ, UK.

Form. Methods Syst. Des. (Netherlands)
Formal Methods in System Design Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Forsch.ber. Landes Nordrh.-Westfal. (Germany)
Forschungsberichte des Landes Nordrhein-Westfalen Westdeutscher Verlag, Gustav-Stresemann-Ring 12-16, 6200 Weisbaden 1, Germany.

Forth Dimens. (USA)
Forth Dimensions Forth Interest Group, 4800 Allendale Avenue, Oakland, CA 94619, USA.

Fortschr. Phys. (Germany)
Fortschritte der Physik Akademie Verlag GmbH, Muhlenstrasse 33-34, D-13187 Berlin, Germany.

Found. Comput. Decis. Sci. (Poland)
Foundations of Computing and Decision Sciences Wydawnictwo Politechniki Poznanskiej, 60-965 Poznan, Pl. M. Sklodowskiej-Curie 2, Poland.

Found. Phys. (USA)
Foundations of Physics Plenum Publishing Co., 233 Spring Street, New York, NY 10013, USA.

Found. Phys. Lett. (USA)
Foundations of Physics Letters Plenum Publishing Corp., 233 Spring Street, New York, NY 10013-1578, USA.

Fra Fys. Verden (Norway)
Fra Fysikkens Verden Fysisk Institutt, Universitetet i Oslo, Postboks 1048, 0316 Blindern, Oslo 3, Norway.

Fractals (Singapore)
Fractals World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Frequenz (Germany)
Frequenz Fachverlag Schiele und Schon GmbH, Markgrafenstrasse 11, D-10969 Berlin, Germany.

Fresenius' J. Anal. Chem. (Germany)
Fresenius' Journal of Analytical Chemistry Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Fuji Electr. Rev. (Japan)
Fuji Electric Review Fuji Electric Co. Ltd., 1-12-1, Yurakucho, Chiyoda-ku, Tokyo, Japan.

Fujikura Tech. Rev. (Japan)
Fujikura Technical Review Fujikura Cable Works Ltd., 1-5-1, Kiba, Koto-ku, Tokyo, Japan.

Fujitsu (Japan)
Fujitsu Fujitsu Ltd., 1015 Kamikodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa 211, Japan.

Fujitsu Sci. Tech. J. (Japan)
Fujitsu Scientific and Technical Journal Fujitsu Ltd., 1015 Kamikodanaka, Nakahara-ku, Kawasaki 211, Japan.

Fukuoka Univ. Rev. Technol. Sci. (Japan)
Fukuoka University Review of Technological Sciences Central Research Institute, Fukuoka University, Nanakuma, Jonan-ku, Fukuoka 814-01, Japan.

Fullerene Sci. Technol. (USA)
Fullerene Science and Technology Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Fundam. Inform. (Netherlands)
Fundamenta Informaticae IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Furukawa Electr. Rev. (Japan)
Furukawa Electric Review Furukawa Electric Co. Ltd., 2-6-1 Marunochi, Chiyoda-ku, Tokyo, Japan.

Furukawa Rev. (Japan)
Furukawa Review Furukawa Electric Co. Ltd., 2-6-1 Marunouchi, Chiyoda-ku, Tokyo 100, Japan.

Fusion Eng. Des. (Switzerland)
Fusion Engineering and Design Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.

Fusion Technol. (USA)
Fusion Technology American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA.

Future Gener. Comput. Syst. (Netherlands)
Future Generation Computer Systems Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Fuzzy Sets Syst. (Netherlands)
Fuzzy Sets and Systems Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

G. Fis. (Italy)
Giornale di Fisica Societa Italiana di Fisica, Presso l'Istituto di Fisica, Via P. Giuria 1, 10125 Torino, Italy.

Galilean Electrodyn. (USA)
Galilean Electrodynamics Box 545, Storrs, CT 0628-0545, USA.

Galvanotechnik (Germany)
Galvanotechnik Eugen G. Leuze Verlag, Karlstrasse 4, D-88348 Saulgau (Wurtt.), Germany.

Games Econ. Behav. (USA)
Games and Economic Behavior Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Gas Turbine World (USA)
Gas Turbine World Pequot Publishing Inc., 654 Hillside Road, Fairfield, CT 06430, USA.
Supersedes in part: Gas Turbine World & Cogeneration

Gaz. Mat. (Portugal)
Gazeta de Matematica Rue Diaro de Noticias, 134-1, Lisboa, Portugal.

GEC J. Res. (UK)
GEC Journal of Research GEC-Marconi Research Centre, Great Baddow, Chelmsford, Essex CM2 8HN, UK.

GEC Rev. (UK)
GEC Review General Electric. Co. p.l.c., GEC Research Laboratories, Marconi Research Centre, Gt. Baddow, Chelmsford, Essex CM2 8HN, UK.

Geliotekhnika (Uzbekistan)
Geliotekhnika [English translation in: *Appl. Sol. Energy (USA)*] Academy of Sciences of the Uzbek SSR, Tashkent, Uzbekistan.
INSPEC coverage is from English translation

Gemini (UK)
Gemini Royal Greenwich Observatory, Madingley Road, Cambridge CB3 0EZ, UK.

Gen. Relativ. Gravit. (USA)
General Relativity and Gravitation Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Genie Logiciel (France)
Genie Logiciel [Formerly: *Genie Logiciel Syst. Experts (France)*] EC2 & Developpement, 22 rue Robert-de-Flers, 75015 Paris, France.

Genie Logiciel Syst. Experts (France)
Genie Logiciel & Systemes Experts [Title changed to: *Genie Logiciel (France)*]

Geochim. Cosmochim. Acta (UK)
Geochimica et Cosmochimica Acta Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

GeoJournal (Netherlands)
GeoJournal Kluwer Academic Publishers, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Geol. Geofiz. (Russia)
Geologiya i Geofizika [English translation in: *Sov. Geol. Geophys. (USA)*] Akadamiya Nauk SSSR, Sibirskoe Otdelenie, Prospekt Nauki 21, Novosibirsk, Russia.
INSPEC coverage is from English translation

Geol. J. (UK)
Geological Journal John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Geol. Mijnb. (Netherlands)
Geologie en Mijnbouw Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Geol. Surv. Finl. Bull. (Finland)
Geological Survey of Finland Bulletin Geological Survey of Finland (GSF), SF-02150 Espoo, Finland.

Geology (USA)
Geology Geological Society of America Inc., 3300 Penrose Place, Boulder, CO 80301-9140, USA.

Geomagn. Aeron. (Russia)
Geomagnetizm i Aeronomiya [English translation in: *Geomagn. Aeron. (USA)*] Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, Russia.
INSPEC coverage is from English translation

Geomagn. Aeron. (USA)
Geomagnetism and Aeronomy [Translation of: *Geomagn. Aeron. (Russia)*] American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Geomatics Res. Australas. (Australia)
Geomatics Research Australasia Institution of Surveyors Australia Inc., 27-29 Napier Close, Deakin, ACT 2600, Australia.

Geophys. Astrophys. Fluid Dyn. (Switzerland)
Geophysical and Astrophysical Fluid Dynamics Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Geophys. J. Int. (UK)
Geophysical Journal International Published for the Royal Astronomical Society, The Deutsche Geophysikalische Gesellschaft and the European Geophysical Society by Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, UK.

Geophys. Mag. (Japan)
Geophysical Magazine [Title changed to: *Geophys. Mag. 2 (Japan)*]

Geophys. Mag. 2 (Japan)
Geophysical Magazine, Series 2 [Formerly: *Geophys. Mag. (Japan)*] Japan Meteorological Agency, 1-3-4 Ote-machi, Chioyda-ku, Tokyo 100, Japan.

Geophys. Nor. (Norway)
Geophysica Norvegica Universitetsforlaget, P.O.Box 2959, Toyen, Oslo 6, Norway.

Geophys. Prospect. (UK)
Geophysical Prospecting Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, UK.

Geophys. Res. Lett. (USA)
Geophysical Research Letters American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Geophys. Trans. (Hungary)
Geophysical Transactions Eotvos Lorand Geophysical Institute of Hungary, P.O.Box 35, H-1440 Budapest, Hungary.

Geophysics (USA)
Geophysics Society of Exploration Geophysicists, P.O.Box 702740, Tulsa, OK 74170-2740, USA.

GEOS Circ. Eclips. Bin. (France)
GEOS Circular on Eclipsing Binaries GEOS, 3 promenade Venezia, F-78000 Versailles, France.

GEOS Circ. RR Lyr Type Var. (France)
GEOS Circular on RR Lyr Type Variables GEOS, 3 promenade Venezia, F-78000 Versailles, France.

GEOS Note Circ. (France)
GEOS Note Circulaire GEOS, 3 promenade Venezia, F-78000 Versailles, France.

Geotektonika (Russia)
Geotektonika [English translation in: *Geotectonics (USA)*] Izdatel'stvo 'Nauka', 103717 GSP Moskva K-62, Podsosenskii Per. 21, Russia.
INSPEC coverage is from English translation

Gerlands Beitr. Geophys. (Germany)
Gerlands Beitraege zur Geophysik Akademische Verlags-Gesellschaft Geest und Portig KG, Sternwartenstrasse 8, O-701 Leipzig 1, Germany.

Gidromekhanika (Ukraine)
Gidromekhanika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.

Gidrotekh. Stroit. (USSR)
Gidrotekhnicheskoe Stroitel'stvo [English translation in: *Hydrotech. Constr. (USA)*] Agent: Mezhdunarodnaya Kniga, Moskva, Russia.

GIS World (USA)
GIS World GIS World Inc., 155 E. Broadwalk Drive, Suite 250, Fort Collins, CO 80525, USA.

Glas. Mat. III (Croatia)
Glasnik Matematicki, Serija III Mathematics Department, University of Zagreb, Bijenicka 30, 41000 Zagreb, Croatia.

Glass Phys. Chem. (Russia)
Glass Physics and Chemistry [Translation of: *Fiz. Khim. Stekla (Russia)*] Maik Nauka/Interperiodica Publishing, Profsoyuznaya ul. 90, Moscow 117864, Russia.

Glass Sci. Technol. (Germany)
Glass Science and Technology [Formerly: *Glastech. Ber. (Germany)*] Verlag der Deutschen Glastechnischen Gesellschaft, Mendelsohnstrasse 75-77, D-60325 Frankfurt/M, Germany.

Glass Technol. (UK)
Glass Technology Society of Glass Technology, 20 Hallam Gate Road, Sheffield, S10 5BT, UK.

Glastech. Ber. (Germany)
Glastechnische Berichte [Title changed to: *Glass Sci. Technol. (Germany)*]

Glob. Planet. Change (Netherlands)
Global and Planetary Change Elsevier Science Publishers BV, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Gov. Inf. Q. (UK)
Government Information Quarterly JAI Press Inc., 36 Sherwood Place, P.O.Box 1678, Greenwich, CT 06836-1678, UK.

Graph. Models Image Process. (USA)
Graphical Models and Image Processing [Formerly: *CVGIP, Graph. Models Image Process. (USA)*] Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Graphs Comb. (Germany)
Graphs and Combinatorics Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

H. Qingdao Univ. (China)
Journal of Qingdao University 103 Zhanliu Gan Road, 266071 Qingdao, China.

Hadronic J. (USA)
Hadronic Journal Hadronic Press Inc., 35246 US 19 North 115, Palm Harbor, FL 34684, USA.

Hadronic J. Suppl. (USA)
Hadronic Journal Supplement Hadronic Press Inc., 35246 US 19 North No.115, Palm Harbor, FL 34684, USA.

Handotai Kenkyujo Hokoku (Japan)
Handotai Kenkyujo Hokoku Semiconductor Research Foundation, Kawauchi, Sendai-shi, Miyagi 980, Japan.

He Huaxue Yu Fangshe Huaxue (China)
He Huaxue Yu Fangshe Huaxue Atomic Energy Press, P.O.Box 2108, Beijing 100037. Distribution address: China International Book Trading Corp., P.O.Box 399, Beijing 100044, China.

Health Inf. Eur. (UK)
Health Informatics Europe BJHC Ltd., 45 Woodland Grove, Weybridge, Surrey KT13 9EQ, UK.

Health Manage. Technol. (USA)
Health Management Technology Argus Integrated Media, 6151 Powers Ferry Road, N.W., Atlanta, GA 30339-2941, USA.

Health Phys. (USA)
Health Physics Williams & Wilkins, 351 West Camden Street, Baltimore, MD 21291-2436, USA.

Health Serv. J. (UK)
Health Service Journal Macmillan Magazines, Brunel Road, Basingstoke, RG21 2XS, UK.

Healthc. Financ. Manage. (USA)
Healthcare Financial Management Healthcare Financial Management Association, Two Westbrook Corporate Center, Suite 700, Westchester, IL 60154, USA.

Hear. Res. (Netherlands)
Hearing Research Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Heat Mass Transf. (Germany)
Heat and Mass Transfer [Formerly: *Waerme- & Stoffuebertrag. (Germany)*] Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Heat Transf. - Jpn. Res. (USA)
Heat Transfer - Japanese Research Scripta Technica Inc., 8555 16th Street, Suite 220, Silver Spring, MD 20910, USA.

Heat Transf. Res. (USA)
Heat Transfer Research Scripta Technica Inc., 8555 16th Street, Suite 220, Silver Spring, MD 20910, USA.

Heat Treat. Met. (UK)
Heat Treatment of Metals Wolfson Heat Treatment Centre, University of Aston in Birmingham, Gosta Green, Birmingham B4 7ET, UK.

Heavy Veh. Syst. (Switzerland)
Heavy Vehicle Systems Inderscience Enterprises Ltd., World Trade Centre Building, 110 Avenue Louis Casai, Case Postale 306, CH-1215 Geneva-Aeroport, Switzerland.

Helv. Phys. Acta (Switzerland)
Helvetica Physica Acta Schweizerische Physikalische Gesellschaft. Publisher: Birkhauser Verlag, Postfach 133, CH-4010 Basel 10, Switzerland.

Hewlett-Packard J. (USA)
Hewlett-Packard Journal Hewlett-Packard Co., 3000 Hannover Street, Palo Alto, CA 94304, USA.

High Energy Phys. Nucl. Phys. (China)
High Energy Physics and Nuclear Physics Science Press, Beijing, China.

High Perform. Polym. (UK)
High Performance Polymers IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

High Power Laser Part. Beams (China)
High Power Laser and Particle Beams Editorial address: P.O.Box 511, Chengdu 610003, China.

High Press. Res. (Switzerland)
High Pressure Research Gordon and Breach Science Publishers S.A., Postfach, CH-4004 Basel, Switzerland.

High Technol. Lett. (China)
High Technology Letters China National Publications Import & Export Corp., P.O.Box 88, 137 Chao Nei Street, Beijing, China.

High Technol. Lett. (Engl. Lang. Ed.) (China)
High Technology Letters (English Language Edition) Editorial Department, High Technology Letters, 15 Fuxing Road, P.O.Box 3829, Beijing 100038, China.
Contains original contributions in English and some articles in English translation from Chinese Edition

High Temp. (Russia)
High Temperature [Translation of: *Teplofiz. Vys. Temp. (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

High Temp. - High Press. (UK)
High Temperatures - High Pressures Pion Ltd., 207 Brondesbury Park, London, NW2 5JN, UK.

High Temp. Mater. Sci. (USA)
High Temperature and Materials Science [Formerly: *High Temp. Sci. (USA)*] Humana Press Inc., 999 Riverview Drive, Suite 208, Totowa, NJ 07512, USA.

High Temp. Sci. (USA)
High Temperature Science [Title changed to: *High Temp. Mater. Sci. (USA)*]

Hist. Comput. (UK)
History and Computing Edinburgh University Press, 22 George Square, Edinburgh EH8 9LF, UK.

Hitachi Rev. (Japan)
Hitachi Review Hitachi Ltd., 6 Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-10, Japan.

Hitachi Zosen Tech. Rev. (Japan)
Hitachi Zosen Technical Review Hitachi Zosen Technical Research Institute, 1-3-22 Sakurajima, Konohana-ku, Osaka 544, Japan.

Horol. J. (UK)
Horological Journal British Horological Institute and the British British Horological Federation, Upton Hall, Upton, Newark NG23 5TE, UK.

HP.Omni (UK)
HP.Omni INFAR Ltd., 20 Marine Road, Eastbourne, East Sussex BN22 7AU, UK.
Formed by merger of HP World and HP Open World

Hum.-Comput. Interact. (USA)
Human-Computer Interactions Lawrence Erlbaum Associates Inc., 365 Broadway, Hillsdale, NJ 07642, USA.

Hum. Factors (USA)
Human Factors Human Factors and Ergnomics Society Inc., P.O. Box 1369, Santa Monica, CA 90406-1369, USA.

Hum. Mov. Sci. (Netherlands)
Human Movement Science Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Hum. Syst. Manage. (Netherlands)
Human Systems Management IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Hybrid Circuits (UK)
Hybrid Circuits [Title changed to: *Microelectron. Int. (UK)*]

Hydraul. Pneum. (USA)
Hydraulics and Pneumatics Penton Publishing Inc., 1100 Superior Avenue, Cleveland, OH 44114-2543, USA.

Hydrol. Process. (UK)
Hydrological Processes John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Hydrotech. Constr. (USA)
Hydrotechnical Construction [Translation of: *Gidrotekh. Stroit. (USSR)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Hyperfine Interact. (Netherlands)
Hyperfine Interactions Baltzer Science Publishers, Asterweg 1A, 1031 HL Amsterdam, Netherlands.
Published in Switzerland for the period June 1983 to October 1995

Hypermedia (UK)
Hypermedia Taylor Graham Publishing, 500 Chesham House, 150 Regent Street London W1R 5FA, UK.

I/S Anal. (USA)
I/S Analyzer United Communications Group, 175, Highland Avenue, Needham, MA 02194, USA.

I&CS (USA)
I&CS Chilton Co., Chilton Way, Radnor, PA 19089, USA.

I&T Mag. (Belgium)
I&T Magazine European Commission DGXIII, Room BU 24-1/3, 200 rue de la Loi, B-1049 Brussels, Belgium.

IAEA Bull. (Austria)
IAEA Bulletin International Atomic Energy Agency, Wagramerstrasse 5, P.O.Box 100, A-1400 Vienna, Austria.

IAEA News Features (Austria)
IAEA News Features Division of Nuclear Fuel Cycle and Waste Management, P.O.Box 100, A-1400 Vienna, Austria.

IASLIC Bull. (India)
IASLIC Bulletin Indian Association of Special Libraries & Information Centres, P 291 CIT Scheme No.M, Kankurgachi, Calcutta 700 054, India.

IATUL Proc. New Ser. (Denmark)
IATUL Proceedings, New Series IATUL Publications Bureau, c/o National Technological Library of Denmark, Anker Engelunds Vej 1, DK 2800 Lyngby, Denmark.

IBA Tech. Rev. (UK)
IBA Technical Review Independent Broadcasting Authority, 70 Brompton Road, London, SW3 IEY, UK.

IBM J. Res. Dev. (USA)
IBM Journal of Research and Development International Business Machines Corp., Old Orchard Road, Armonk, NY 10504, USA.

IBM Nachr. (Germany)
IBM Nachrichten IBM Deutschland GmbH, 7000 Stuttgart 80, Postfach 800880, Germany.

IBM Syst. J. (USA)
IBM Systems Journal International Business Machines Corporation, Armonk, New York, NY 10504, USA.

IBM Syst. User (UK)
IBM System User APT Data Group Plc, 4th Floor, 12 Sutton Row, London W1V 5FH, UK.

IBS Asian Electron. News (Taiwan)
IBS Asian Electronics News IBS Publications Ltd., Computer Service Department, P.O.Box 55-879, Taipei, Taiwan.

Icarus (USA)
Icarus Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

ICL Syst. J. (UK)
ICL Systems Journal Research and Advanced Technology, ICL, Lovelace Road, Bracknell, Berks. RG12 8SN, UK.

ID Syst. Eur. Ed. (USA)
ID Systems European Edition Helmers Publishing Inc., 174 Concord Street, P.O.Box 874, Peterborough, NH 03458-0874, USA.

IEC Bull. (Switzerland)
IEC Bulletin International Electrotechnical Commission, 3 rue de Varembe, P.O.Box 131, 1211 Geneva 20, Switzerland.

IEE Proc., Circuits Devices Syst. (UK)
IEE Proceedings-Circuits, Devices and Systems Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Commun. (UK)
IEE Proceedings-Communications Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Comput. Digit. Tech. (UK)
IEE Proceedings-Computers and Digital Techniques Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Control Theory Appl. (UK)
IEE Proceedings-Control Theory and Applications Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Electr. Power Appl. (UK)
IEE Proceedings-Electric Power Applications Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Gener. Transm. Distrib. (UK)
IEE Proceedings-Generation, Transmission and Distribution Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Microw. Antennas Propag. (UK)
IEE Proceedings - Microwaves, Antennas and Propagation Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Optoelectron. (UK)
IEE Proceedings-Optoelectronics Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Radar Sonar Navig. (UK)
IEE Proceedings - Radar, Sonar and Navigation Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Sci. Meas. Technol. (UK)
IEE Proceedings-Science, Measurement and Technology Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Proc., Vis. Image Signal Process. (UK)
IEE Proceedings-Vision, Image and Signal Processing Institution of Electrical Engineers, Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

IEE Rev. (UK)
IEE Review Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK.

IEEE/ACM Trans. Netw. (USA)
IEEE/ACM Transactions on Networking Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Aerosp. Electron. Syst. Mag. (USA)
IEEE Aerospace and Electronics Systems Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Ann. Hist. Comput. (USA)
IEEE Annals of the History of Computing Institute of Electrical and Electronics Engineers, 347 East 47th Street, New York, NY 10017, USA.

IEEE Antennas Propag. Mag. (USA)
IEEE Antennas and Propagation Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE/ASME Trans. Mechatronics (USA)
IEEE/ASME Transactions on Mechatronics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Circuits Devices Mag. (USA)
IEEE Circuits and Devices Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Replacement of IEEE Circuits and Systems Magazine

IEEE Commun. Mag. (USA)
IEEE Communications Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Comput. Appl. Power (USA)
IEEE Computer Applications in Power Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Comput. Graph. Appl. (USA)
IEEE Computer Graphics and Applications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Comput. Sci. Eng. (USA)
IEEE Computational Science and Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Control Syst. Mag. (USA)
IEEE Control Systems Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Des. Test Comput. (USA)
IEEE Design & Test of Computers IEEE Computer Society, 10662 Los Vaqueros Circle, Los Alamitos, CA 90720, USA.

IEEE Electr. Insul. Mag. (USA)
IEEE Electrical Insulation Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Electron Device Lett. (USA)
IEEE Electron Device Letters Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE ElectroTechnol. Rev. (USA)
IEEE ElectroTechnology Review Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Eng. Manag. Rev. (USA)
IEEE Engineering Management Review Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Eng. Med. Biol. Mag. (USA)
IEEE Engineering in Medicine and Biology Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Expert (USA)
IEEE Expert Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Ind. Appl. Mag. (USA)
IEEE Industry Applications Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE J. Ocean. Eng. (USA)
IEEE Journal of Oceanic Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE J. Quantum Electron. (USA)
IEEE Journal of Quantum Electronics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE J. Sel. Areas Commun. (USA)
IEEE Journal on Selected Areas in Communications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE J. Sel. Top. Quantum Electron. (USA)
IEEE Journal on Selected Topics in Quantum Electronics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE J. Solid-State Circuits (USA)
IEEE Journal of Solid-State Circuits Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Micro (USA)
IEEE Micro Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Microw. Guid. Wave Lett. (USA)
IEEE Microwave and Guided Wave Letters Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Multimedia (USA)
IEEE Multimedia Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Netw. (USA)
IEEE Network Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Neural Netw. Counc. Newsl. (USA)
IEEE Neural Networks Council Newsletter Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Electronic journal published on the Internet (at http://engine.ieee.org/nnc/newsletter)

IEEE Parallel Distrib. Technol., Syst. Appl. (USA)
IEEE Parallel & Distributed Technology: Systems & Applications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Pers. Commun. (USA)
IEEE Personal Communications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Photonics Technol. Lett. (USA)
IEEE Photonics Technology Letters Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Potentials (USA)
IEEE Potentials Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Power Eng. Rev. (USA)
IEEE Power Engineering Review Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Robot. Autom. Mag. (USA)
IEEE Robotics & Automation Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Signal Process. Lett. (USA)
IEEE Signal Processing Letters Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Signal Process. Mag. (USA)
IEEE Signal Processing Magazine Institute Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Softw. (USA)
IEEE Software Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Spectr. (USA)
IEEE Spectrum Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Technol. Soc. Mag. (USA)
IEEE Technology and Society Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Aerosp. Electron. Syst. (USA)
IEEE Transactions on Aerospace and Electronic Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Antennas Propag. (USA)
IEEE Transactions on Antennas and Propagation Institute of Electrical and Electronics Engineers 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Appl. Supercond. (USA)
IEEE Transactions on Applied Superconductivity Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Autom. Control (USA)
IEEE Transactions on Automatic Control Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Biomed. Eng. (USA)
IEEE Transactions on Biomedical Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Broadcast. (USA)
IEEE Transactions on Broadcasting Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Circuits Syst. I, Fundam. Theory Appl. (USA)
IEEE Transactions on Circuits and Systems I: Fundamental Theory and Applications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Supersedes in part: IEEE Transactions on Circuits and Systems

IEEE Trans. Circuits Syst. II, Analog Digit. Signal Process. (USA)
IEEE Transactions on Circuits and Systems II: Analog and Digital Signal Processing Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Supersedes in part: IEEE Transactions on Circuits and Systems

IEEE Trans. Circuits Syst. Video Technol. (USA)
IEEE Transactions on Circuits and Systems for Video Technology Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Commun. (USA)
IEEE Transactions on Communications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Compon. Packag. Manuf. Technol. A (USA)
IEEE Transactions on Components, Packaging, and Manufacturing Technology, Part A Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Supersedes in part: IEEE Transactions on Components, Hybrids, and Manufacturing Technology

IEEE Trans. Compon. Packag. Manuf. Technol. B, Adv. Packag. (USA)
IEEE Transactions on Components, Packaging and Manufacturing Technology, Part B: Advanced Packaging Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Supersedes in part: IEEE Transactions on Components, Hybrids, and Manufacturing Technology

IEEE Trans. Compon. Packag. Manuf. Technol. C, Manuf. (USA)
IEEE Transactions on Components, Packaging & Manufacturing Technology, Part C (Manufacturing) Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Comput. (USA)
IEEE Transactions on Computers Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Comput.-Aided Des. Integr. Circuits Syst. (USA)
IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Consum. Electron. (USA)
IEEE Transactions on Consumer Electronics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Control Syst. Technol. (USA)
IEEE Transactions on Control Systems Technology Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Dielectr. Electr. Insul. (USA)
IEEE Transactions on Dielectrics and Electrical Insulation Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Educ. (USA)
IEEE Transactions on Education Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Electromagn. Compat. (USA)
IEEE Transactions on Electromagnetic Compatibility Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Electron Devices (USA)
IEEE Transactions on Electron Devices Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Energy Convers. (USA)
IEEE Transactions on Energy Conversion Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Supersedes in part IEEE Transactions on Power Apparatus and Systems

IEEE Trans. Eng. Manage. (USA)
IEEE Transactions on Engineering Management Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Fuzzy Syst. (USA)
IEEE Transactions on Fuzzy Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Geosci. Remote Sens. (USA)
IEEE Transactions on Geoscience and Remote Sensing Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Image Process. (USA)
IEEE Transactions on Image Processing Institute of Electrical and Electronics Engineers, 347 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Ind. Appl. (USA)
IEEE Transactions on Industry Applications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Ind. Electron. (USA)
IEEE Transactions on Industrial Electronics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Inf. Theory (USA)
IEEE Transactions on Information Theory Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Instrum. Meas. (USA)
IEEE Transactions on Instrumentation and Measurement Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Knowl. Data Eng. (USA)
IEEE Transactions on Knowledge and Data Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Magn. (USA)
IEEE Transactions on Magnetics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Med. Imaging (USA)
IEEE Transactions on Medical Imaging Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Microw. Theory Tech. (USA)
IEEE Transactions on Microwave Theory and Techniques Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Neural Netw. (USA)
IEEE Transactions on Neural Networks Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Nucl. Sci. (USA)
IEEE Transactions on Nuclear Science Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Parallel Distrib. Syst. (USA)
IEEE Transactions on Parallel and Distributed Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Pattern Anal. Mach. Intell. (USA)
IEEE Transactions on Pattern Analysis and Machine Intelligence Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Plasma Sci. (USA)
IEEE Transactions on Plasma Science Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Power Deliv. (USA)
IEEE Transactions on Power Delivery Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Supersedes in part IEEE Transactions on Power Apparatus and Systems

IEEE Trans. Power Electron. (USA)
IEEE Transactions on Power Electronics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Power Syst. (USA)
IEEE Transactions on Power Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Supersedes in part IEEE Transactions on Power Apparatus and Systems

IEEE Trans. Prof. Commun. (USA)
IEEE Transactions on Professional Communications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Rehabil. Eng. (USA)
IEEE Transactions on Rehabilitation Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Reliab. (USA)
IEEE Transactions on Reliability Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Robot. Autom. (USA)
IEEE Transactions on Robotics and Automation Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NYT 10017, USA.

IEEE Trans. Semicond. Manuf. (USA)
IEEE Transactions on Semiconductor Manufacturing Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Signal Process. (USA)
IEEE Transactions on Signal Processing Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Softw. Eng. (USA)
IEEE Transactions on Software Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Speech Audio Process. (USA)
IEEE Transactions on Speech and Audio Processing Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Syst. Man Cybern. A, Syst. Humans (USA)
IEEE Transactions on Systems, Man & Cybernetics, Part A (Systems & Humans) Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Supersedes in part: IEEE Transactions on Systems, Man, and Cybernetics

IEEE Trans. Syst. Man Cybern. B, Cybern. (USA)
IEEE Transactions on Systems, Man and Cybernetics, Part B (Cybernetics) Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.
Supersedes in part: IEEE Transactions on Systems, Man, and Cybernetics

IEEE Trans. Ultrason. Ferroelectr. Freq. Control (USA)
IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Veh. Technol. (USA)
IEEE Transactions on Vehicular Technology Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Very Large Scale Integr. (VLSI) Syst. (USA)
IEEE Transactions on Very Large Scale Integration (VLSI) Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Trans. Vis. Comput. Graphics (USA)
IEEE Transactions on Visualization and Computer Graphics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEE Transl. J. Magn. Jpn. (USA)
IEEE Translation Journal on Magnetics in Japan Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

IEEMA J. (India)
IEEMA Journal Indian Electrical and Electronics Manufacturers' Association, 501 Kakad Chambers, 132 Dr. Annie Besant Road, Worlei, Bombay 400 018, India.

IEICE Trans. Commun. (Japan)
IEICE Transactions on Communications IEICE, Kikai-Shinko-Kaikan Bldg., 5-8 Shibakoen 3-chome, Minato-ku, Tokyo 105, Japan.
Contains original contributions in English and abridged version in English of papers and letters published in Japanese in Transactions of the Institute of Electronics, Information and Communication Engineers B-I and B-II. Supersedes in part IEICE Transactions

IEICE Trans. Electron. (Japan)
IEICE Transactions on Electronics IEICE, Kika-Shinko-Kaikan Bldg., 5-8 Shibakoen 3-chome, Minato-ku, Tokyo 105, Japan.
Contains original contribution in English and abridged version in English of papers and letters published in Japanese in Transactions of the Institute of Electronics, Information and Communication Engineers C-I and C-II. Supersedes in part IEICE Transactions

IEICE Trans. Fundam. Electron. Commun. Comput. Sci. (Japan)
IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences IEICE, Kikai-Shinko-Kaikan Bldg., 5-8 Shibakoen 3 chome, Minato-ku, Tokyo 105, Japan.
Contains original contributions in English and abridged version in English of papers and letters published in Japanese in Transactions of the Institute of Electronics, Information and Communication Engineers A. Supersedes in part IEICE Transactions

IEICE Trans. Inf. Syst. (Japan)
IEICE Transactions on Information and Systems IEICE, Kikai-Shinko-Kaikan Bldg., 5-8 Shibakoen 3-chome, Minato-ku, Tokyo 105, Japan.
Contains original contributions in English and abridged version in English of papers and letters published in Japanese in Transactions of the Institute of Electronics, Information and Communication Engineers C-I and C-II. Supersedes in part IEICE Transactions

IES J. (Singapore)
IES Journal Institution of Engineers, Singapore, 70 Bukit Tinggi Road, Singapore 1128, Singapore.

IETE Tech. Rev. (India)
IETE Technical Review Institution of Electronics and Telecommunication Engineers, 2 Institutional Area, Lodi Road, New Delhi 110 003, India.

IFF, Inst. Festkoerperforsch., Bull. (Germany)
IFF (Institut fuer Festkoerperforchung) Bulletin Forschungszentrum Julich, Postfach 1913, D-5170 Julich, Germany.

IFIP Trans. A, Comput. Sci. Technol. (Netherlands)
IFIP Transactions A (Computer Science and Technology) Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

IFIP Trans. B, Appl. Technol. (Netherlands)
IFIP Transactions B (Applications in Technology) Elsevier Science Publishers B.V., P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

IFIP Trans. C, Commun. Syst. (Netherlands)
IFIP Transactions C (Communication Systems) Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

IIE Solut. (USA)
IIE Solutions [Formerly: *Ind. Eng. (USA)*] Institute of Industrial Engineers, 25 Technology Park/Atlanta, Norcross, GA 30092, USA.

IIE Trans. (UK)
IIE Transactions [Formerly: *IIE Trans. (USA)*] Chapman & Hall, 2-6 Boundary Row, London SE1 8HN, UK.

IIE Trans. (USA)
IIE Transactions [Title changed to: *IIE Trans. (UK)*]

III-Vs Rev. (UK)
III-Vs Review Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

IK-Ing. Kommun.tech. (Germany)
IK-Ingenieur der Kommunikationstechnik VT Verlag Technik GmbH, Am Friedrichshain 22, D10407 Berlin, Germany.

IM Inf. Manag. (Germany)
IM Information Management IDG Communications Verlag AG, Rheinstrasse 28, 80803 Munich, Germany.

IMA J. Appl. Math. (UK)
IMA Journal of Applied Mathematics Oxford University Press, Walton Street, Oxford OX2 6DP, UK.

IMA J. Math. Appl. Bus. Ind. (UK)
IMA Journal of Mathematics Applied in Business and Industry Oxford University Press, Walton Street, Oxford OX2 6DP, UK.

IMA J. Math. Control Inf. (UK)
IMA Journal of Mathematical Control and Information Oxford University Press, Walton Street, Oxford, OX2 6DP, UK.

IMA J. Numer. Anal. (UK)
IMA Journal of Numerical Analysis Published for the Institute of Mathematics and its Applications by Oxford University Press, Walton Street, Oxford OX2 6DP, UK.

Image Process. (UK)
Image Processing European Technology Publishing Ltd., 72 New Bond Street, London W1Y 9DD, UK.
Published with Systems International

Image Technol. (UK)
Image Technology BKSTS, The Moving Image Society, 63-71 Victoria House, Vernon Place, London WC1B 4DA, UK.

Image Vis. Comput. (Netherlands)
Image and Vision Computing Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Imaging (USA)
Imaging [Title changed to: *Imaging Mag. (USA)*]

Imaging Mag. (USA)
Imaging Magazine [Formerly: *Imaging (USA)*] Telecom Library Inc., 12 West 21 Street, New York, NY 10010, USA.

Inc. (USA)
Inc. Inc. Publishing Co., 38 Commercial Warf, Boston, MA 02110, USA.

Increm. Motion Control Syst. Devices Newsl. (USA)
Incremental Motion Control Systems and Devices Newsletter University of Illinois, Urbana, IL 61801, USA.

Ind.-Anz. (Germany)
Industrie-Anzeiger Konradin Verlag Robert Kohlhammer GmbH, Ernst-Mey-Strasse 8, 70771 Leinfelden-Echterdingen, Germany.

Ind. Ceram. (Italy)
Industrial Ceramics [Issued with: *Ceram. Int. (Italy)*]

Ind. Eng. (USA)
Industrial Engineering [Title changed to: *IIE Solut. (USA)*]

Ind. Eng. Chem. Res. (USA)
Industrial & Engineering Chemistry Research American Chemical Society, 1155 Sixteenth Street, N.W., Washington, DC 20036, USA.
Formed by merger of Industrial and Engineering Chemistry, Process Design and Development, Industrial and Engineering Chemistry, Fundamentals, and Industrial and Engineering Chemistry, Product Research and Development

Ind. Manage. + Data Syst. (UK)
Industrial Management + Data Systems MCB University Press Ltd., 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Ind. Robot (UK)
Industrial Robot MBC University Press Ltd., 62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Indexer (UK)
Indexer Editorial address: The Editor, 139 The Ryde, Hatfield, Herts. AL9 5DP, UK.

Indian J. Chem. Technol. (India)
Indian Journal of Chemical Technology Publications & Information Directorate, CSIR, Dr. K.S. Krishnan Marg, New Delhi 110 012, India.
Supersedes in part: Indian Journal of Technology

Indian J. Eng. Mater. Sci. (India)
Indian Journal of Engineering and Materials Sciences Publications & Information Directorate, CSIR, Dr. K.S. Krishnan Marg, New Delhi 110 012, India.
Supersedes in part Indian Journal of Technology

Indian J. Mar. Sci. (India)
Indian Journal of Marine Sciences Publications & Information Directorate, CSIR, Dr K S Krishna Marg, Pusa Campus, New Delhi 110 012, India.

Indian J. Phys. A (India)
Indian Journal of Physics, Part A Indian Association for the Cultivation of Science, 2 & 3 Raja Subodh Chandra Mallik Road, Calcutta 700 032, India.
Supersedes in part: Indian Journal of Physics

Indian J. Phys. B (India)
Indian Journal of Physics, Part B Indian Association for the Cultivation of Science, 2 & 3 Raja Subodh Chandra Mallik Road, Calcutta 700032, India.
Supersedes in part: Indian Journal of Physics

Indian J. Power River Val. Dev. (India)
Indian Journal of Power and River Valley Development Books & Journals Private Ltd., 6-2 Madan Street, Calcutta 700072, India.

Indian J. Pure Appl. Math. (India)
Indian Journal of Pure and Applied Mathematics Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110002, India.

Indian J. Pure Appl. Phys. (India)
Indian Journal of Pure and Applied Physics Publications & Information Directorate, CSIR, Dr K.S.Krishnan Marg, New Delhi 110 012, India.

Indian J. Radio Space Phys. (India)
Indian Journal of Radio & Space Physics Sales & Distribution Officer, Publications & Information Directorate, CSIR, Hillside Road, New Delhi 110012, India.

Indian J. Theor. Phys. (India)
Indian Journal of Theoretical Physics Institute of Theoretical Physics, Bognan Kutir, 4-1 Mohan Bagan Lane, Calcutta 700004, India.

Inf. Age (UK)
Information Age Elan European Publishing Ltd., 1 Kelso Place, Bath, Avon BA1 3AU, UK.

Inf. Bull. Var. Stars (Hungary)
Information Bulletin on Variable Stars Commission 27 and 42 of the I.A.U., Konkoly Observatory, Budapest, Hungary.

Inf. Comput. (USA)
Information and Computation Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Inf. Decis. Technol. (Netherlands)
Information and Decision Technologies Elsevier Science Publishers B.V. (North-Holland), P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Inf. Dev. (UK)
Information Development Bowker-Saur Ltd., Maypole House, Maypole Road, East Grinstead, West Sussex RH19 1HH, UK.

Inf. Disp. (USA)
Information Display Palisades Institute for Research Services Inc., 201 Varick Street, New York, NY 10014, USA.

Inf. Econ. Policy (Netherlands)
Information Economics and Policy Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Inf. Infrastruct. Policy (Netherlands)
Information Infrastructure and Policy [Formerly: *Informatization Public Sect. (Netherlands)*] IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Inf. Intell. Online Newsl. (USA)
Information Intelligence Online Newsletter Information Intelligence Inc., P.O.Box 31098, Phoenix, AZ 85046, USA.

Inf. Librariansh. (Israel)
Information & Librarianship Israel Society of Special Libraries and Information Centers, P.O.Box 43074, Tel-Aviv 61430, Israel.

Inf. Manag. (USA)
Information Management [Formerly: *Inf. Manage. Bull. (USA)*] Idea Group Publishing, Olde Liberty Square, 4811 Jonestown Road, Suite 230, Harrisburg, PA 17109, USA.

Inf. Manage. (Netherlands)
Information and Management Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Inf. Manage. Bull. (USA)
Information Management Bulletin [Title changed to: *Inf. Manag. (USA)*]

Inf. Manage. Comput. Secur. (UK)
Information Management & Computer Security MCB University Press, 60/62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Inf. Manage. Technol. (UK)
Information Management & Technology Cimtech Ltd., University of Hertfordshire, 45 Grosvenor Road, St. Albans, Herts. AL1 3AW, UK.

Inf. MIDEM (Slovenia)
Informacije MIDEM Elektrotehniska zveza Slovenije, Dunajska 10, 1000 Ljubljana, Slovenia.

Inf. Process. Lett. (Netherlands)
Information Processing Letters Elsevier Science Publishers B.V. (North-Holland), P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Inf. Process. Manage. (UK)
Information Processing & Management Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Inf. Referral, J. Alliance Inf. Referral Syst. (USA)
Information and Referral: Journal of the Alliance of Information Referral Systems AIRS, P.O.Box 3546, Joliet, IL 60434-3546, USA.

Inf. Resour. Manage. J. (USA)
Information Resources Management Journal Idea Group Publishing, Olde Liberty Square, 4811 Jonestown Road, Suite 230, Harrisburg, PA 17109, USA.

Inf. Sci. (USA)
Information Sciences Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Inf. Sci. Appl. (USA)
Information Sciences, Applications Elsevier Science Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Inf. Serv. Use (Netherlands)
Information Services & Use IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Inf. Soc. (USA)
Information Society Taylor & Francis, 1900 Frost Road, Suite 101, Bristol, PA 19007, USA.

Inf. Softw. Technol. (Netherlands)
Information and Software Technology Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Inf. Strategy, Exec. J. (USA)
Information Strategy: The Executive's Journal Auerbach Publishers Inc., Warren Gorham Lamont, 31 St. James Avenue, Boston, MA 02116, USA.

Inf. Syst. (UK)
Information Systems Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Inf. Syst. Eng. (Netherlands)
Information & Systems Engineering IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Inf. Syst. J. (UK)
Information Systems Journal Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, UK.

Inf. Syst. Manage. (USA)
Information Systems Management Auerbach Publications, 210 South Street, Boston, MA 0211, USA.

Inf. Syst. Res. (USA)
Information Systems Research Institute for Operations Research and the Management Sciences, 901 Elkridge Landing Road, Linthicum, MD 21090-2909, USA.

Inf. Syst. Secur. (USA)
Information Systems Security Auerbach Publications, Park Square Building, 31 St. James Avenue, Boston, MA 02116-4112, USA.

Inf. Technol. Dev. (UK)
Information Technology for Development Oxford University Press, Walton Street, Oxford OX2 6DP, UK.

Inf. Technol. Law (Netherlands)
Information Technology and the Law Martinus Nijhoff Publishers, Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Inf. Technol. Libr. (USA)
Information Technology and Libraries Library and Information Technology Association, 50 East Huron Street, Chicago, IL 60611, USA.

Inf. Technol. Public Policy (UK)
Information Technology & Public Policy Parliamentary Information Technology Committee. Subscription address: Martin Hughes, West Heaton, Old Hillside Road, Winchester, Hants. SO22 5LN, UK.

Inf. Telekomun. Autom. (Croatia)
Informacija Telekomunikacije Automati Croatian Telecommunication Society, University of Zagreb, Faculty of Electrical Engineering, Av. Vukovar 39, 41000 Zagreb, Croatia.

Inf. Today (USA)
Information Today Information Today Inc., 143 Old Marlton Pike, Medford, NJ 08055, USA.

Info DB (USA)
Info DB Database Associates International, P.O.Box 215, Morgan Hill, CA 95038-0436, USA.

InfoCanada (Canada)
InfoCanada Laurentian Technomedia Inc., 501 Oakdale Road, Downsview, Ont. M3N 1W7, Canada.

INFOCUS (Czech Republic)
INFOCUS Vydava INFOCUS spol. s.r.o., Ticha 6, 150 00 Praha 5, Czech Republic.

INFOR (Canada)
INFOR Canadian Operational Research Society/Societe Canadienne de Recherche Operationnelle and Canadian Information Processing Society/L'Association Canadienne de l'Informatique. Subscription address: University of Toronto Press Inc., 5201 Dufferin Street, North York, Ont. M3H 5T8, Canada.

Inform (USA)
Inform Association for Information and Image Management International, 1100 Wayne Avenue, Suite 1100, Silver Spring, MD 20910, USA.
Not covered by INSPEC for the period June 1992 - July 1996

Inform. Autom. (Spain)
Informatica y Automatica Asociacion Espanola de Informatica y Automatica, Hortaleza 104, 28004 Madrid, Spain.

Inform. Diritto (Italy)
Informatica e Diritto Edizioni Scientifiche Italiane, 80121 Napoli, Via Chiatamone 7, Italy.

Inform. Forsch. Entwickl. (Germany)
Informatik Forschung und Entwicklung Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Inform. Spektrum (Germany)
Informatik Spektrum Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Inform. Theor. Appl. (France)
Informatique Theorique et Applications Dunod Editeur, 15, rue Gossin, 92543 Montrouge Cedex, France.

Informatica (Lithuania)
Informatica Lithuanian Academy of Sciences, Institute of Mathematics and Cybernetics, 232600 Vilnius, Akademijos St. 4, Lithuania.

Informatica (Slovenia)
Informatica Slovene Society Informatika, Vozarski pot 12, 61000 Ljubljana, Slovenia.

Informatie (Netherlands)
Informatie Kluwer Bedrijfswetenschappen, Postbus 23, 7400 GA Deventer, Netherlands.

InformationWEEK (USA)
InformationWEEK CMP Publications Inc., 600 Community Drive, Manhasset, NY 11030, USA.

Informatization Public Sect. (Netherlands)
Informatization and the Public Sector [Title changed to: *Inf. Infrastruct. Policy (Netherlands)*]

Informatologia (Croatia)
Informatologia Institute for Information Sciences, 3 Trg Marsala Tita, P.O.Box 327, 41001 Zagreb, Croatia.

INFORMS J. Comput. (USA)
INFORMS Journal on Computing INFORMS, Suite 400, Airport Square, 901 Elkridge Landing Road, Linthicum, MD 21090-2908, USA.

Infowelt (Germany)
Infowelt Postfach 400 429, Friedrichstrasse 31, 8000 Munchen 40, Germany.

Infrared Phys. Technol. (Netherlands)
Infrared Physics & Technology Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Ing. Electr. Mec. (Venezuela)
Ingenieria Electrica y Mecanica Organo de la Associacion Venezolana de Ingenieros Electricos y Mecanicos, Apartado 6255, Caracas, Venezuela.

Ing. Mec. Electr. (Mexico)
Ingenieria Mecanica y Electrica Asociacion Mexicana de Ingenieros Mecanicos y Electricistas, Culiacan 115, Mexico 11, D.F, Mexico.

Innov. Educ. Train. Int. (UK)
Innovations in Education and Training International [Formerly: *Educ. Train. Technol. Int. (UK)*] Kogan Page Ltd., 120 Pentonville Road, London N1 9JN, UK.

Inorg. Mater. (Russia)
Inorganic Materials [Translation of: *Neorg. Mater. (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsouyznaya Ul. 90, Moscow 117864, Russia.

Insight, Non-Destr. Test. Cond. Monit. (UK)
Insight-Non-Destructive Testing and Condition Monitoring [Formerly: *Br. J. Non-Destr. Test. (UK)*] British Institute of Non-Destructive Testing, 1 Spenser Parade, Northampton NN1 5AA, UK.

INSPEL (Germany)
INSPEL Technische Universitat Berlin, Universitatsbibliothek, Abt. Publikationen, Strasse des 17 Juni 135, D-1000 Berlin 12, Germany.

Inst. Forum (UK)
Institute Forum Chameleon Press Ltd., 5-25 Burr Road, London SW18 4SG, UK.

Instrum. Exp. Tech. (USA)
Instruments and Experimental Techniques [Translation of: *Prib. Tekh. Eksp. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Instrum. India (India)
Instruments India IMDA, A-32, Navyug Niwas, 167 Dr. D. Bhadkamkar Road, Bombay 400007, India.

Instrum. Rev. (UK)
Instrumentation Review ABB Instrumentation, Lea Road, Luton, Beds. LU1 3AE, UK.

Instrum. Sci. Technol. (USA)
Instrumentation Science and Technology Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Instrumentation (USA)
Instrumentation Honeywell Inc., Fort Washington, Philadelphia, PA 19034, USA.

Insur. Math. Econ. (Netherlands)
Insurance Mathematics & Economics Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Int. Astron. Union Circ. (USA)
International Astronomical Union Circular IAU Central Telegram Bureau, Smithsonian Observatory, Cambridge, MA 02138, USA.

Int. Astron. Union Symp. (Netherlands)
International Astronomical Union Symposium Published for the International Astronomical Union by Kluwer Academic Publishers, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Int. Broadcast. (UK)
International Broadcasting EMAP Media Ltd., 33-39 Bowling Gree Lane, London EC1R 0DA, UK.

Int. Broadcast Eng. (UK)
International Broadcast Engineer International Trade Publications Ltd., Queensway House, 2 Queensway, Redhill, Surrey RH1 1QS, UK.

Int. Bus. Equip. (Belgium)
International Business Equipment Office Publications Inc., Rue Veydt 65, 1050 Brussels, Belgium.

Int. Cable (USA)
International Cable Phillips Business Information Inc., 1201 Seven Locks Road, Suite 300, Rockville, MD 20850, USA.

Int. Comet Q. (USA)
International Comet Quarterly Smithsonian Astrophysical Observatory, 60 Garden Street, Cambridge, MA 02138, USA.

Int. Commun. Heat Mass Transf. (UK)
International Communications in Heat and Mass Transfer Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. Forum Inf. Doc. (Netherlands)
International Forum on Information and Documentation International Federation for Information and Documentation, FID General Secretariat, P.O.Box 90402, 2509 LK The Hague, Netherlands.

Int. Inf. Commun. Educ. (India)
International Information, Communication and Education INICAE, C-239 Indira Nagar, Lucknow-226016, India.

Int. J. Adapt. Control Signal Process. (UK)
International Journal of Adaptive Control and Signal Processing John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Int. J. Adv. Manuf. Technol. (UK)
International Journal of Advanced Manufacturing Technology Springer-Verlag London Ltd., Sweetapple House, Cattleshall Road, Godalming, Surrey GU7 3DJ, UK.

Int. J. Algebra Comput. (Singapore)
International Journal of Algebra and Computation World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Int. J. Ambient Energy (UK)
International Journal of Ambient Energy Ambient Press Ltd., P.O.Box 25, Lutterworth, Leics. LE17 4FF, UK.

Int. J. Appl. Electromagn. Mech. (Netherlands)
International Journal of Applied Electromagnetics and Mechanics IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Int. J. Appl. Softw. Technol. (Canada)
International Journal of Applied Software Technology International Academic Publishing Co., Inc., 1025 McNicoll Avenue, Suite 201, Scarborough, Ont. M1W 3W6, Canada.

Int. J. Approx. Reason. (USA)
International Journal of Approximate Reasoning Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Int. J. Artif. Intell. Tools, Archit. Lang. Algorithms (Singapore)
International Journal on Artificial Intelligence Tools (Architectures, Languages, Algorithms) World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Int. J. Bank Mark. (UK)
International Journal of Bank Marketing MCB University Press Ltd., 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Int. J. Bifurcation Chaos Appl. Sci. Eng. (Singapore)
International Journal of Bifurcation and Chaos in Applied Sciences and Engineering World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Int. J. Bio-Med. Comput. (Ireland)
International Journal of Bio-Medical Computing Elsevier Science Ireland Ltd., Bay 15, Shannon Industrial Estate, Shannon, Co. Clare, Ireland.

Int. J. Circuit Theory Appl. (UK)
International Journal of Circuit Theory and Applications John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, UK.

Int. J. Climatol. (UK)
International Journal of Climatology John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Int. J. Clin. Monit. Comput. (Netherlands)
International Journal of Clinical Monitoring and Computing Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Int. J. Commun. Syst. (UK)
International Journal of Communication Systems John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Int. J. Comput. Adult Educ. Train. (UK)
International Journal of Computers in Adult Education and Training MCB University Press Ltd., 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Int. J. Comput. Appl. Technol. (Switzerland)
International Journal of Computer Applications in Technology Inderscience Enterprises Ltd., World Trade Centre Building, 110 Avenue Louis Casai, Case Postale 306, CH-1215 Geneva-Aeroport 15, Switzerland, Switzerland.

Int. J. Comput. Geom. Appl. (Singapore)
International Journal of Computational Geometry & Applications World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Int. J. Comput. Integr. Manuf. (UK)
International Journal of Computer Integrated Manufacturing Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

Int. J. Comput. Math. (Switzerland)
International Journal of Computer Mathematics Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Int. J. Comput. Simul. (USA)
International Journal of Computer Simulation Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648, USA.

Int. J. Comput. Vis. (Netherlands)
International Journal of Computer Vision Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Int. J. Contin. Eng. Educ. (Switzerland)
International Journal of Continuing Engineering Education Inderscience Enterprises Ltd., World Trade Center Building, Avenue Louis Casai, Case Postale 306, CH-1215 Geneva Airport, Switzerland.

Int. J. Control (UK)
International Journal of Control Taylor and Francis Ltd., 4 John Street, London WC1N 2ET, UK.

Int. J. Coop. Inf. Syst. (Singapore)
International Journal of Cooperative Information Systems World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 912805, Singapore.

Int. J. Damage Mech. (USA)
International Journal of Damage Mechanics Technomic Publishing Co. Inc., 851 New Holland Avenue, Box 3535, Lancaster, PA 17604, USA.

Int. J. Electr. Eng. Educ. (UK)
International Journal of Electrical Engineering Education Manchester University Press, Oxford Road, Manchester M13 9NR, UK.

Int. J. Electr. Power Energy Syst. (UK)
International Journal of Electrical Power & Energy Systems Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. J. Electron. (UK)
International Journal of Electronics Taylor & Francis Ltd., 1 Gunpowder Square, London EC4 3DE, UK.

Int. J. Energy Res. (UK)
International Journal of Energy Research John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, UK.

Int. J. Eng. Educ. (Germany)
International Journal of Engineering Education Tempus Publications, Berliner Tor 21, 20099 Hamburg, Germany.

Int. J. Eng. Model. (Croatia)
International Journal for Engineering Modelling Faculty of Civil Engineering, University of Split, Matice hrvatske 15, HR-21000 Split, Croatia.

Int. J. Eng. Sci. (UK)
International Journal of Engineering Science Elsevier Science Ltd., The Boulevard, Langford Lane. Kidlington, Oxford OX5 1GB, UK. Incorporates Letters in Applied & Engineering Sciences

Int. J. Expert Syst. Res. Appl. (USA)
International Journal of Expert Systems Research and Applications JAI Press Inc., 55 Old Post Road - No.2, P.O.Box 1678, Greenwich, CT 06836-1678, USA.

Int. J. Fatigue (UK)
International Journal of Fatigue Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. J. Flexible Manuf. Syst. (Netherlands)
International Journal of Flexible Manufacturing Systems Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Int. J. Forecast. (Netherlands)
International Journal of Forecasting Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Int. J. Found. Comput. Sci. (Singapore)
International Journal of Foundations of Computer Science World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Int. J. Fract. (Netherlands)
International Journal of Fracture Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Int. J. Gen. Syst. (UK)
International Journal of General Systems Gordon and Breach Science Publishers Ltd., c/o STBS Ltd., P.O.Box 90, Reading RG1 8JL, UK.

Int. J. Geogr. Inf. Syst. (UK)
International Journal of Geographical Information Systems Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.

Int. J. Glob. Energy Issues (Switzerland)
International Journal of Global Energy Issues Inderscience Enterprises Ltd., World Trade Center Building, Avenue Louis Casai, Case Postale 306, CH-1215 Geneva Airport, Switzerland.

Int. J. Heat Fluid Flow (USA)
International Journal of Heat and Fluid Flow Butterworth-Heinemann, 313 Washington Street, Newton, MA 02158, USA.

Int. J. Heat Mass Transf. (UK)
International Journal of Heat and Mass Transfer Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. J. High Speed Comput. (Singapore)
International Journal of High Speed Computing World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Int. J. High Speed Electron. Syst. (Singapore)
International Journal of High Speed Electronics and Systems World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Int. J. Hum.-Comput. Interact. (USA)
International Journal of Human-Computer Interaction Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648, USA.

Int. J. Hum.-Comput. Stud. (UK)
International Journal of Human-Computer Studies Academic Press, 24-28 Oval Road, London NW1 7DX, UK.

Int. J. Hum. Factors Manuf. (USA)
International Journal of Human Factors in Manufacturing John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Int. J. Hydrog. Energy (UK)
International Journal of Hydrogen Energy Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. J. Hydropower Dams (UK)
International Journal on Hydropower & Dams Aqua-Media International, Westmead House, Westmead Road, Sutton, Surrey SM1 4JH, UK.

Int. J. Hyperth. (UK)
International Journal of Hyperthermia Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

Int. J. Imaging Syst. Technol. (USA)
International Journal of Imaging Systems and Technology John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Int. J. Impact Eng. (UK)
International Journal of Impact Engineering Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. J. Inf. Manage. (UK)
International Journal of Information Management Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. J. Inf. Manage. Sci. (Taiwan)
International Journal on Information and Management Sciences Graduate Institute of Management Sciences, Room 412, Tamkang University, Taipei, Taiwan 10606, Taiwan.

Int. J. Inf. Technol. (Singapore)
International Journal of Information Technology World Scientific Publishing Co. Pte. Ltd., Farrer Road, Singapore 912805, Singapore.

Int. J. Infrared Millim. Waves (USA)
International Journal of Infrared and Millimeter Waves Plenum Publishing Co., 233 Spring Street, New York, NY 10013, USA.

Int. J. Intell. Control Syst. (Singapore)
International Journal of Intelligent Control and Systems World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 912805, Singapore.

Int. J. Intell. Syst. (USA)
International Journal of Intelligent Systems John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10011, USA.

Int. J. Intell. Syst. Account. Financ. Manage. (UK)
International Journal of Intelligent Systems in Accounting, Finance and Management John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Int. J. Mass Spectrom. Ion Process. (Netherlands)
International Journal of Mass Spectrometry and Ion Processes Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Int. J. Mater. Prod. Technol. (Switzerland)
International Journal of Materials & Product Technology Inderscience Enterprises Ltd., World Trade Building, 110 Avenue Louis Casai, Case Postale 306, CH-1215 Geneva-Aeroport, Switzerland.

Int. J. Math. Educ. Sci. Technol. (UK)
International Journal of Mathematical Education in Science and Technology Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

Int. J. Mech. Sci. (UK)
International Journal of Mechanical Sciences Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. J. Microcircuits Electron. Packag. (USA)
International Journal of Microcircuits and Electronic Packaging ISHM-The Microelectronics Society, 1850 Centennial Park Drive, Suite 105, Reston, VA 22091, USA.

Int. J. Microelectron. Packag. Mater. Technol. (Switzerland)
International Journal of Microelectronic Packaging, Materials and Technologies Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Int. J. Microgr. Opt. Technol. (UK)
International Journal of Micrographics and Optical Technology Research Information Ltd., 222 Maylands Avenue, Hemel Hempstead, Herts. HP2 7TD, UK.

Int. J. Microw. Millim.-Wave Comput.-Aided Eng. (UK)
International Journal of Microwave and Millimeter-Wave Computer-Aided Engineering John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Int. J. Mini Microcomput. (USA)
International Journal of Mini and Microcomputers Acta Press, P.O.Box 2481, Anaheim, CA 92804, USA.

Int. J. Mod. Phys. A (Singapore)
International Journal of Modern Physics A World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O. Box 128, Singapore 9128, Singapore.

Int. J. Mod. Phys. B (Singapore)
International Journal of Modern Physics B World Scientific, Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Int. J. Mod. Phys. C (Singapore)
International Journal of Modern Physics C World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 912805, Singapore.

Int. J. Mod. Phys. D (Singapore)
International Journal of Modern Physics D World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Int. J. Mod. Phys. E (Singapore)
International Journal of Modern Physics E World Scientific Publishing Co. Pte., Farrer Road, Singapore 9128, Singapore.

Int. J. Model. Simul. (USA)
International Journal of Modelling and Simulation IASTED, P.O. Box 2481, Anaheim, CA 92814, USA.

Int. J. Multiph. Flow (UK)
International Journal of Multiphase Flow Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. J. Netw. Manage. (UK)
International Journal of Network Management John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Int. J. Neural Syst. (Singapore)
International Journal of Neural Systems World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Int. J. Non-Linear Mech. (UK)
International Journal of Non-Linear Mechanics Elsevier Science Ltd., The Boulevard, Langford Lane Kidlington, Oxford OX5 1GB, UK.

Int. J. Numer. Anal. Methods Geomech. (UK)
International Journal for Numerical and Analytical Methods in Geomechanics John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, UK.

Int. J. Numer. Methods Eng. (UK)
International Journal for Numerical Methods in Engineering John Wiley and Sons Ltd., Baffins Lane, Chichester, Sussex, PO19 1UD, UK.

Int. J. Numer. Methods Fluids (UK)
International Journal for Numerical Methods in Fluids John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Int. J. Numer. Methods Heat Fluid Flow (UK)
International Journal of Numerical Methods for Heat & Fluid Flow MCB University Press, 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Int. J. Numer. Model., Electron. Netw. Devices Fields (UK)
International Journal of Numerical Modelling: Electronic Networks, Devices and Fields John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Int. J. Occup. Saf. Ergon. (USA)
International Journal of Occupational Safety and Ergonomics Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648, USA.

Int. J. Oper. Prod. Manage. (UK)
International Journal of Operations & Production Management MCB University Press Ltd., 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Int. J. Optoelectron. (UK)
International Journal of Optoelectronics Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.
Now Incorporating Optical Computing & Processing

Int. J. Parallel Program. (USA)
International Journal of Parallel Programming Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Int. J. Pattern Recognit. Artif. Intell. (Singapore)
International Journal of Pattern Recognition and Artificial Intelligence World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 912805, Singapore.

Int. J. Phys. Distrib. Logist. Manage. (UK)
International Journal of Physical Distribution & Logistics Management MCB University Press Ltd., 60-62 Toller Lane, Bradford BD8 9BY, UK.

Int. J. Plast. (UK)
International Journal of Plasticity Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. J. Power Energy Syst. (USA)
International Journal of Power and Energy Systems IASTED, P.O.Box 2481, Anaheim, CA 92814, USA.

Int. J. Press. Vessels Pip. (UK)
International Journal of Pressure Vessels and Piping Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. J. Prod. Econ. (Netherlands)
International Journal of Production Economics Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Int. J. Prod. Res. (UK)
International Journal of Production Research Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.

Int. J. Proj. Manage. (UK)
International Journal of Project Management Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. J. Quantum Chem. (USA)
International Journal of Quantum Chemistry John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10016, USA.

Int. J. Quantum Chem. Quantum Biol. Symp. (USA)
International Journal of Quantum Chemistry, Quantum Biology Symposium [Issued with: *Int. J. Quantum Chem. (USA)*]

Int. J. Quantum Chem. Quantum Chem. Symp. (USA)
International Journal of Quantum Chemistry, Quantum Chemistry Symposia [Issued with: *Int. J. Quantum Chem. (USA)*]

Int. J. Radiat. Biol. (UK)
International Journal of Radiation Biology Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.

Int. J. Radiat. Oncol. Biol. Phys. (USA)
International Journal of Radiation Oncology Biology Physics Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5107, USA.

Int. J. Radioact. Mater. Transp. (UK)
International Journal of Radioactive Materials Transport Nuclear Technology Publishing, P.O.Box 7, Ashford, Kent TN23 1YW, UK.

Int. J. Rapid Solidif. (UK)
International Journal of Rapid Solidification A B Academic Publishers, P.O.Box 42, Bicester, Oxon OX6 7NW, UK.

Int. J. Refract. Met. Hard Mater. (UK)
International Journal of Refractory Metals & Hard Materials Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX3 5GB, UK.

Int. J. Refrig. (UK)
International Journal of Refrigeration Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. J. Remote Sens. (UK)
International Journal of Remote Sensing Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.

Int. J. Retail Distrib. Manage. (UK)
International Journal of Retail & Distribution Management MCB University Press Ltd., 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Int. J. Robot. Autom. (USA)
International Journal of Robotics & Automation IASTED, 1811 West Katella Avenue, Suite 101, Anaheim, CA 92804, USA.

Int. J. Robot. Res. (USA)
International Journal of Robotics Research MIT Press, 55 Hayward Street, Cambridge, MA 02142, USA.

Int. J. Robust Nonlinear Control (UK)
International Journal of Robust and Nonlinear Control John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Int. J. Satell. Commun. (UK)
International Journal of Satellite Communications John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Int. J. Sci. Educ. (UK)
International Journal of Science Education Taylor & Francis Ltd., Rankine Road, Basingstoke, Hants. RG24 0PR, UK.

Int. J. Self-Propag. High-Temp. Synth. (USA)
International Journal of Self-Propagating High-Temperature Synthesis Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Int. J. Shape Model. (Singapore)
International Journal of Shape Modeling World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 912805, Singapore.

Int. J. Softw. Eng. Knowl. Eng. (Singapore)
International Journal of Software Engineering and Knowledge Engineering World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Int. J. Sol. Energy (Switzerland)
International Journal of Solar Energy Harwood Academic Publishers GmbH, Y-Parc, Chemin de la Sallaz, 1400 Yverdon, Switzerland.

Int. J. Solids Struct. (UK)
International Journal of Solids and Structures Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. J. Speech Technol. (Netherlands)
International Journal of Speech Technology Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Int. J. Supercomput. Appl. (USA)
International Journal of Supercomputer Applications [Title changed to: *Int. J. Supercomput. Appl. High Perform. Comput. (USA)*]

Int. J. Supercomput. Appl. High Perform. Comput. (USA)
International Journal of Supercomputer Applications and High Performance Computing [Formerly: *Int. J. Supercomput. Appl. (USA)*] Sage Periodicals Press, 2455 Teller Road, Thousand Oaks, CA 91320, USA.

Int. J. Syst. Sci. (UK)
International Journal of Systems Science Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

Int. J. Technol. Des. Educ. (Netherlands)
International Journal of Technology and Design Education Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Int. J. Technol. Manage. (Switzerland)
International Journal of Technology Management Inderscience Enterprises Ltd., World Trade Center Building, 110 Avenue Louis Casai, Case Postale 306, CH 1215 Geneva-Aeroport, Switzerland.

Int. J. Theor. Phys. (USA)
International Journal of Theoretical Physics Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Int. J. Thermophys. (USA)
International Journal of Thermophysics Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Int. J. Uncertain. Fuzziness Knowl.-Based Syst. (Singapore)
International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 912805, Singapore.

Int. J. Veh. Des. (Switzerland)
International Journal of Vehicle Design Inderscience Enterprises Ltd., World Trade Center Building, 110 Avenue Louis Casai, Case Postale 306, CH-1215 Geneva-Aeroport, Switzerland.

Int. J. Virtual Real. (USA)
International Journal of Virtual Reality IPI Press, 2608 N. Cascade Avenue, Colorado Springs, CO 80907, USA.

Int. J. Wirel. Inf. Netw. (USA)
International Journal of Wireless Information Networks Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Int. Mater. Rev. (UK)
International Materials Reviews Institute of Materials, 1 Carlton House Terrace, London SW1Y 5DB, UK.

Int. Power Gener. (UK)
International Power Generation Argus Business Media, Queensway House, 2 Queensway, Redhill, Surrey RH1 1QS, UK.

Int. Trans. Oper. Res. (UK)
International Transactions in Operational Research Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Int. Water Power Dam Constr. (UK)
International Water Power & Dam Construction Reed Business Publishing, Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, UK.

InTech (USA)
InTech Instrument Society of America, 67 Alexander Drive, P.O.Box 12277, Research Triangle Park, NC 27709, USA.

Integr. Comput.-Aided Eng. (USA)
Integrated Computer-Aided Engineering John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158-0012, USA.

Integr. Ferroelectr. (UK)
Integrated Ferroelectrics Gordon and Breach Science Publishers, P.O.Box 197, London WC2E 9PX, UK.

Integr. Manuf. Syst. (UK)
Integrated Manufacturing Systems MCB University Press Ltd., 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Integr. VLSI J. (Netherlands)
Integration, The VLSI Journal Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Intell. Syst. Eng. (UK)
Intelligent Systems Engineering Co-Published by the British Computer Society and the Institution of Electrical Engineers, UK.

Intell. Tutor. Media (UK)
Intelligent Tutoring Media Intellect Books, 108-110 London Road, Oxford OX3 9AW, UK.

Interact. Comput. (UK)
Interacting with Computers Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Interactions (USA)
Interactions Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Interavia Bus. Technol. (Switzerland)
Interavia Business & Technology Swissair Centre, 31 Route de l'Aeroport, P.O.Box 437, 1215 Geneva 15, Switzerland.

Interface Sci. (Netherlands)
Interface Science Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Interfaces (USA)
Interfaces Institute of Operations Research and the Management Sciences, 940-A Elkridge Landing Road, Linthicum, MD 21090-2909, USA.

Interlend. Doc. Supply (UK)
Interlending & Document Supply MCB University Press Ltd., 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Intermetallics (UK)
Intermetallics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Intern. Audit. (USA)
Internal Auditor Institute of Internal Auditors Inc., 249 Maitland Avenue, Altamonte Springs, FL 32701, USA.

Internet Res. (USA)
Internet Research [Title changed to: *Internet Res. (UK)*]

Internet Res., Electron. Netw. Appl. Policy (UK)
Internet Research: Electronic Networking Applications and Policy MCB University Press, 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Internetw., Res. Exper. (UK)
Internetworking: Research and Experience John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Intranet Netw. Strateg. Rep. (USA)
Intranet & Networking Strategies Report Computer Economics Inc., 5841 Edison Place, Carlsbad, CA 92008, USA.

Inverse Probl. (UK)
Inverse Problems IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Inz. Chem. Proces. (Poland)
Inzynieria Chemiczna i Procesowa Wydawnictwo Politechniki Wroclawskiej, Wybreze Wyspianskiego 27, 50-370 Wroclaw, Poland.

Inzh.-Fiz. Zh. (Byelorussia)
Inzhenerno-Fizicheskii Zhurnal [English translation in: *J. Eng. Phys. Thermophys. (USA)*] Akademiya Nauk Belarusi, 220072, 15 P. Browla str., Minsk, Byelorussia.
INSPEC coverage is from English translation

IPB Bul. Stiint. Polytech. Inst. Buchar. Sci. Bull. Chem. Mater. Sci. (Romania)
IPB Buletin Stiintific, Polytechnic Institute of Bucharest, Scientific Bulletin, Chemistry and Materials Science Splaiul Independentei 313, Sector 6, 77206 Bucuresti, Romania.

IPB Bul. Stiint. Polytech. Inst. Buchar. Sci. Bull. Electr. Eng. (Romania)
IPB Buletin Stiintific, Polytechnic Institute of Bucharest Scientific Bulletin, Electrical Engineering Splaiul Independentei 313, 77206 Bucuresti, Romania.

IPB Stiint. Polytech Inst. Buchar. Sci. Bull. Mech. Eng. (Romania)
IPB Buletin Stiintific, Polytechnic Institute of Bucharest Scientific Bulletin, Mechanical Engineering Splaiul Independentei 313, 77206 Bucuresti, Romania.

Ir. Astron. J. (UK)
Irish Astronomical Journal Editorial address: Armagh Observatory, Armagh BT61 9DG, UK.

Ir. Comput. (Ireland)
Irish Computer Computer Publications of Ireland Ltd., Computer House, 66 Patrick Street, Dun Laoghaire, Co. Dublin, Ireland.

Iron Steel Eng. (USA)
Iron and Steel Engineer Association of Iron & Steel Engineers, Suite 1900, Three Gateway Centre, Pittsburgh, PA 1522-10042, USA.

IS Audit Control J. (USA)
IS Audit & Control Journal Information Systems Audit & Control Association, 3701 Algonquin Road, Rolling Meadows, IL 60008, USA.

ISA Trans. (Netherlands)
ISA Transactions Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Ishikawajima-Harima Eng. Rev. (Japan)
Ishikawajima-Harima Engineering Review Ishikawajima-Harima Heavy Industries Co. Ltd., 2-16 Toyosu 3-chome, Koto-ku, Tokyo 135, Japan.

ISIS (USA)
ISIS University of Chicago Press, 5720 S. Woodlawn Avenue, Chicago, IL 60637, USA.
Not covered during the period Sept. 1980 to Dec. 1990

Isot. Radiat. Res. (Egypt)
Isotope and Radiation Research Middle Eastern Regional Isotope Centre for the Arab Countries, Sh. Malaeb El-Gamaa, Dokki 12311, Cairo, Egypt.

ISPRS J. Photogramm. Remote Sens. (Netherlands)
ISPRS Journal of Photogrammetry and Remote Sensing Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Isr. J. Chem. (Israel)
Israel Journal of Chemistry Laser Pages Publishing (1992) Ltd., P.O.Box 50257, Jerusalem 91502, Israel.

Isr. J. Earth-Sci. (Israel)
Israel Journal of the Earth-Sciences Laser Pages Publishing Ltd., P.O.Box 50257, Jerusalem 91502, Israel.

Isr. J. Technol. (Israel)
Israel Journal of Technology Weizmann Science Press, P.O. Box 801, Jerusalem 91000, Israel.

Issues (UK)
Issues PA Consulting Group, Bowater House East, 68 Knightsbridge, London SW1X 7LJ, UK.

IT Cost Manag. Strateg. Lett. (USA)
IT Cost Management Strategies Letter Computer Economics Inc., 5841 Edison Place, Carlsbad, CA 92008, USA.

ITC J. (Netherlands)
ITC Journal International Institute for Aerial Survey and Earth Sciences (ITC), 350 Boulevard 1945, P.O.Box 6, 7500 AA Enschede, Netherlands.

ITG-Fachber. (Germany)
ITG-Fachberichte VDE-Verlag GmbH, Bismarckstrasse 33, D-10625 Berlin, Germany.

IT+TI Informationstech. Tech. Inf. (Germany)
IT+TI Informationstechnik und Technische Informatik R. Oldenbourg Verlag, Rosenheimer Strasse 145, 81671 Munchen, Germany.

IVHS J. (Switzerland)
IVHS Journal Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Izmer. Tekh. (Russia)
Izmeritel'naya Tekhnika [English translation in: *Meas. Tech. (USA)*] Izdatel'stvo Standartov, Moskva. Editorial address: 117049 Moskva, Leninskii Pr. 9, Russia.
INSPEC coverage is from English translation

Izv. Akad. Nauk Arm. Fiz. (Armenia)
Izvestiya Akademii Nauk Armenii, Fizika [English translation in: *J. Contemp. Phys. (USA)*] Akademii Nauk Armenii, Erevan, Armenia.
INSPEC coverage is from English translation

Izv. Akad. Nauk Fiz. Atmos. Okeana (Russia)
Izvestiya Akademii Nauk Fizika Atmosfery i Okeana [English translation in: *Izv. Russ. Acad. Sci. Atmos. Ocean. Phys. (USA)*] Rossiiskaya Akademiya Nauk. Editorial address: 109017 Moskva ZH-17, Puzhevskii Per. 3, Russia.

Izv. Akad. Nauk SSSR Mekh. Tverd. Tela (Russia)
Izvestiya Akademii Nauk SSSR, Mekhanika Tverdogo Tela [Title changed to: *Mekh. Tverd. Tela (Russia)*]

Izv. Akad. Nauk SSSR Mekh. Zhidk. Gaza (Russia)
Izvestiya Akademii Nauk SSSR, Mekhanika Zhidkosti i Gaza [Title changed to: *Mekh. Zhidk. Gaza (Russia)*]

Izv. Akad. Nauk SSSR Met. (Russia)
Izvestiya Akademii Nauk SSSR, Metally [Title changed to: *Metally (Russia)*]

Izv. Krym. Astrofiz. Obs. (Russia)
Izvestiya Krymskoi Astrofizicheskoi Observatorii [English translation in: *Bull. Crime. Astrophys. Obs. (USA)*] Izdatel'stvo 'Nauka', 103717 Moskva, Podsosenskii 21, Russia.
INSPEC coverage is from English translation

Izv. Phys. Solid Earth (USA)
Izvestiya, Physics of the Solid Earth [Translation of: *Ross. Akad. Nauk Fiz. Zemli (Russia)*] American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Izv. Ross. Akad. Nauk Energ. (Russia)
Izvestiya Rossiiskoi Akademii Nauk. Energetika [Title changed to: *Energetika (Russia)*]

Izv. Ross. Akad. Nauk, Ser. Fiz. (Russia)
Izvestiya Rossiiskoi Akademii Nauk. Seriya Fizicheskaya [English translation in: *Bull. Russ. Acad. Sci., Phys. (USA)*] Russian Academy of Sciences, Moscow, Russia.
INSPEC coverage is from English translation

Izv. Russ. Acad. Sci. Atmos. Ocean. Phys. (USA)
Izvestiya Russian Academy of Sciences, Atmospheric and Oceanic Physics [Translation of: *Izv. Akad. Nauk Fiz. Atmos. Okeana (Russia)*] American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.
INSPEC coverage is from Russian original

Izv. Sib. Otd. Akad. Nauk SSSR Ser. Tekh. Nauk (Russia)
Izvestiya Sibirskogo Otdeleniya Akademii Nauk SSSR, Seriya Tekhnicheskikh Nauk [English translation in: *Sov. J. Appl. Phys. (USA)*] Izdatel'stvo Nauka, Novosibirsk, Russia.
INSPEC coverage is from English translation

Izv. Vyssh. Uchebn. Zaved. Aviats. Tekh. (Russia)
Izvestiya Vysshikh Uchebnykh Zavedenii, Aviatsionnaya Tekhnika [English translation in: *Sov. Aeronaut. (USA)*] G. Kaeanya, K. Marksa 10, Kasaskii Aviatsionnyu Institut, Russia.
INSPEC coverage is from English translation

Izv. Vyssh. Uchebn. Zaved. Elektromekh. (Russia)
Izvestiya Vysshikh Uchebnykh Zavedenii, Elektromekhanika 346400 Novocherkassk, ul. Prosveshcheniga 132, Moskva, Russia.

Izv. Vyssh. Uchebn. Zaved. Energ. (Byelorussia)
Izvestiya Vysshikh Uchebnykh Zavedenii, Energetika Editorial address: Belorusskaya Gosudarstvennaya Politekhnicheskaya Akademiya, Korp. 2, Komn 327, Pr. F. Skoriny 65, 220027 Minsk, Byelorussia.

Izv. Vyssh. Uchebn. Zaved. Fiz. (Russia)
Izvestiya Vysshikh Uchebnykh Zavedenii, Fizika [English translation in: *Russ. Phys. J. (USA)*] Higher Education Institutes, Tomsk, Russia.
INSPEC coverage is from English translation

Izv. Vyssh. Uchebn. Zaved. Radioelektron. (Ukraine)
Izvestiya Vysshikh Uchebnykh Zavedenii, Radioelektronika [English translation in: *Radioelectron. Commun. Syst. (USA)*] Kievskii Ordena Lenina Politekhnicheskii Institut, 252056 Kiev 56, Brest-Litovskii Prospekt 39, Ukraine.
INSPEC coverage is from English translation

Izv. Vyssh. Uchebn. Zaved. Radiofiz. (Russia)
Izvestiya Vysshikh Uchebnykh Zavedenii, Radiofizika [English translation in: *Radiophys. Quantum Electron. (USA)*] Gor'kovskiy Universitet G. Gor'kiy, ul. Lyadova 25, Russia.
INSPEC coverage is from English translation

J. A (Belgium)
Journal A Soft Vision, Lacomblelaan 52, 1040 Brussels, Belgium.

J. ACM (USA)
Journal of the ACM Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

J. Acoust. Emiss. (USA)
Journal of Acoustic Emission Acoustic Emission Group, Box 364, 308 Westwood Boulevard, Los Angeles, CA 90024-1647, USA.

J. Acoust. Soc. Am. (USA)
Journal of the Acoustical Society of America Published for the Acoustical Society of America through the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

J. Acoust. Soc. Jpn. (E) (Japan)
Journal of the Acoustical Society of Japan (E) Ikeda-Building, 2-7-7 Yoyogi, Shibuya-ku, Tokyo 151, Japan.

J. Acoust. Soc. Jpn. (Japan)
Journal of the Acoustical Society of Japan Ikeda Building, 2-7-7 Yoyogi, Shibuya-ku, Tokyo 151, Japan.

J. Adhes. Sci. Technol. (Netherlands)
Journal of Adhesion Science and Technology VSP BV, P.O.Box 346, 3700 AH Zeist, Netherlands.

J. Agric. Food Inf. (USA)
Journal of Agricultural & Food Information Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

J. Algebr. Comb. (Netherlands)
Journal of Algebraic Combinatorics Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Algorithms (USA)
Journal of Algorithms Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Alloys Compd. (Switzerland)
Journal of Alloys and Compounds Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.

J. Am. Assoc. Var. Star Obs. (USA)
Journal of the American Association of Variable Star Observers 25 Birch Street, Cambridge, MA 02138, USA.

J. Am. Ceram. Soc. (USA)
Journal of the American Ceramic Society P.O.Box 6136, Westerville, OH 43086-6136, USA.
Incorporating Advanced Ceramic Materials and Communications

J. Am. Chem. Soc. (USA)
Journal of the American Chemical Society 1155 Sixteenth Street N.W., Washington, DC 20036, USA.

J. Am. Helicopter Soc. (USA)
Journal of the American Helicopter Society 217 N. Washington Street, Alexandria, VA 22314, USA.

J. Am. Soc. Inf. Sci. (USA)
Journal of the American Society for Information Science Published for the American Society for Information Science by John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

J. Am. Soc. Mass Spectrom. (USA)
Journal of the American Society for Mass Spectrometry Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

J. Appl. Crystallogr. (Denmark)
Journal of Applied Crystallography Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK 1370 Kobenhavn K, Denmark.

J. Appl. Electrochem. (UK)
Journal of Applied Electrochemistry Chapman and Hall, 2-6 Boundary Row, London SE1 8HH, UK.

J. Appl. Math. Mech. (UK)
Journal of Applied Mathematics and Mechanics [Translation of: *Prikl. Mat. Mekh. (Russia)*] Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Appl. Mech. Tech. Phys. (USA)
Journal of Applied Mechanics and Technical Physics [Translation of: *Prikl. Mekh. Tekh. Fiz. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

J. Appl. Meteorol. (USA)
Journal of Applied Meteorology American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA.
From Jan. 1983 - Dec. 1987 published under the title Journal of Climate and Applied Meteorology

J. Appl. Phys. (USA)
Journal of Applied Physics American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-299, USA.

J. Appl. Probab. (UK)
Journal of Applied Probability Applied Probability Trust, School of Mathematics and Statistics, The University, Sheffield S3 7RH, UK.

J. Appl. Spectrosc. (USA)
Journal of Applied Spectroscopy [Translation of: *Zh. Prikl. Spektrosk. (Byelorussia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

J. Approx. Theory (USA)
Journal of Approximation Theory Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Archit. Plan. Res. (USA)
Journal of Architectural and Planning Research Locke Science Publishing Co. Inc., 117 West Harrison Building, Suite 640-L221, Chicago, IL 60605, USA.

J. Artif. Intell. Educ. (USA)
Journal of Artificial Intelligence in Education Association for the Advancement of Computing in Education (AACE), P.O.Box 2966, Charlottesville, VA 22902, USA.

J. Artif. Intell. Res. (USA)
Journal of Artificial Intelligence Research Morgan Kaufmann Publishers Inc., 340 Pine Street, Sixth Floor, San Francisco, CA 94104, USA.
Refereed journal distributed over the Internet. Articles in Postscript and optionally in HTML. Hardcopy version published annually

J. Artif. Neural Netw. (USA)
Journal of Artificial Neural Networks Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648-9975, USA.

J. Assam Sci. Soc. (India)
Journal of the Assam Science Society Assam Science Society, Post Box No.78, Guwahati 781 001, India.

J. Assoc. Explor. Geophys. (India)
Journal of Association of Exploration Geophysicists Centre of Exploration Geophysics Building, Osmania University, Hyderabad 500 007, India.

J. Assoc. Lunar Planet. Obs. Strolling Astron. (USA)
Journal of the Association of Lunar and Planetary Observers, Strolling Astronomer A.L.P.O., P.O.Box 16131, San Francisco, CA 94116, USA.

J. Astronaut. Sci. (USA)
Journal of the Astronautical Sciences American Astronautical Society, 6352 Rolling Mill Place, Suite 102, Springfield, VA 22152, USA.

J. Astrophys. Astron. (India)
Journal of Astrophysics and Astronomy Indian Academy of Sciences, P.O.Box 8005, Bangalore 560080, India.

J. At. Energy Soc. Jpn. (Japan)
Journal of the Atomic Energy Society of Japan 1-1-13 Shimbashi, Minato-ku, Tokyo 105, Japan.

J. Atmos. Ocean. Technol. (USA)
Journal of Atmospheric and Oceanic Technology American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA.

J. Atmos. Sci. (USA)
Journal of the Atmospheric Sciences American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA.

J. Atmos. Terr. Phys. (UK)
Journal of Atmospheric and Terrestrial Physics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Audio Eng. Soc. (USA)
Journal of the Audio Engineering Society 60 East 42nd Street, New York, NY 10165-2520, USA.

J. Aust. Math. Soc. B, Appl. Math. (Australia)
Journal of the Australian Mathematical Society, Series B (Applied Mathematics) Mathematics Department, Australian National University, Canberra, ACT 0200, Australia.

J. Australas. Ceram. Soc. (Australia)
Journal of the Australasian Ceramic Society Published for the Australasian Ceramic Society by Trans Tech Publications Ltd., Trans Tech House, 4714 Aedermannsdorf, Switzerland.

J. Autom. Chem. (UK)
Journal of Automatic Chemistry Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.

J. Autom. Control (Serbia)
Journal of Automatic Control Faculty of Electrical Engineering, University of Belgrade, P.O.Box 816, 11001 Belgrade, Serbia.

J. Autom. Inf. Sci. (USA)
Journal of Automation and Information Science [Translation of: *Avtomatika (Ukraine)*] Scripta Technica Inc., 7961 Eastern Avenue, Silver Spring, MD 20910, USA.

J. Autom. Reasoning (Netherlands)
Journal of Automated Reasoning Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

J. Behav. Decis. Mak. (UK)
Journal of Behavioral Decision Making John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

J. Beijing Inst. Technol. (China)
Journal of Beijing Institute of Technology Editorial Department, 7 Baishiqiao Lu., Beijing 100081, China.

J. Beijing Univ. Aeronaut. Astronaut. (China)
Journal of Beijing University of Aeronautics and Astronautics Beijing University of Aeronautics and Astronautics, No.37 Xueyuan road, Haidan District, Beijing 100 083, China.

J. Biochem. Biophys. Methods (Netherlands)
Journal of Biochemical and Biophysical Methods Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Bioenerg. Biomembr. (USA)
Journal of Bioenergetics and Biomembranes Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Biol. Phys. (USA)
Journal of Biological Physics Kluwer Academic Publishers Group, P.O.Box 358, Accord Station, Hingham, MA 02018-0358, USA.

J. Biol. Rhythms (USA)
Journal of Biological Rhythms Sage Science Press, 2455 Teller Road, Thousand Oaks, CA 91320, USA.

J. Biolumin. Chemilumin. (UK)
Journal of Bioluminescence and Chemiluminescence John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

J. Biomech. (UK)
Journal of Biomechanics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington Oxford OX5 1GB, UK.

J. Birla Inst. Technol. Sci. (India)
Journal of the Birla Institute of Technology and Science Birla Institute of Technology and Sciences, Pilani, Rajasthan, India.

J. Br. Astron. Assoc. (UK)
Journal of the British Astronomical Association British Astronomical Association, Burlington House, Piccadilly London W1V 9AG, UK.

J. Bus. Financ. Librariansh. (USA)
Journal of Business & Finance Librarianship Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

J. Cent.-South Inst. Min. Metall. (China)
Journal of Central-South Institute of Mining and Metallurgy Distribution address: China International Book Trading Corp., P.O.Box 399, Beijing, China.

J. Ceram. Soc. Jpn. (Japan)
Journal of the Ceramic Society of Japan Nippon Seramikkusu Kyokai, 22-17 Hyakunin-cho 2-chome, Shinjuku-ku, Tokyo 169, Japan.

J. Changsha Univ. Electr. Power, Nat. Sci. Ed. (China)
Journal of Changsha University of Electric Power (Natural Science Edition) Distribution address: China Publication and Foreign Trade Corp., P.O.Box 782, Beijing, China.

J. Chem. Crystallogr. (USA)
Journal of Chemical Crystallography Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Chem. Inf. Comput. Sci. (USA)
Journal of Chemical Information and Computer Sciences American Chemical Society, 1115 Sixteenth Street, N.W., Washington, DC 20036, USA.

J. Chem. Phys. (USA)
Journal of Chemical Physics American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

J. Chem. Prakt. Chem., Chem.-Ztg. (Germany)
Journal fuer Praktische Chemie, Chemiker-Zeitung Huthig GmbH-Johann Ambrosius Barth Verlag, Im Weiher 10, D-69121 Heidelberg, Germany.

J. Chem. Soc. Faraday Trans. (UK)
Journal of the Chemical Society Faraday Transactions Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge CB4 4WF, UK.
Formed by merger of Journal of the Chemical Society Faraday Transactions I and Journal of the Chemical Society Faraday Transactions II

J. Chem. Thermodyn. (UK)
Journal of Chemical Thermodynamics Academic Press Inc. (London) Ltd., 24-28 Oval Road, London NW1 7DX, UK.

J. Chem. Vapor Depos. (USA)
Journal of Chemical Vapor Deposition Technomic Publishing Co. Inc., 851 New Holland Avenue, Box 3535, Lancaster, PA 17604, USA.

J. Chin. Inst. Electr. Eng. (Taiwan)
Journal of the Chinese Institute of Electrical Engineering Chinese Institute of Electrical Engineering, No.2 7th Floor, 390 Fu-Hsing South Road, Sec 1, Taipei 106, Taiwan.

J. Chin. Inst. Eng. (Taiwan)
Journal of the Chinese Institute of Engineers 4th Floor, 2nd Section, Jen-Ai Road, Taipei 10019, Taiwan.

J. Chin. Soc. Mech. Eng. (Taiwan)
Journal of the Chinese Society of Mechanical Engineers 4F No.60, Sec. 2, Pa Te Road, Taipei 10401, Taiwan.

J. Circuits Syst. Comput. (Singapore)
Journal of Circuits, Systems and Computers World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

J. Clim. (USA)
Journal of Climate American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA.
Supersedes in part: Journal of Climate and Applied Meteorology

J. Clin. Comput. (USA)
Journal of Clinical Computing 166 Morris Avenue, Buffalo, NY 14214, USA.

J. Clin. Eng. (USA)
Journal of Clinical Engineering Quest Publishing Co. Inc., 12107 Insurance Way, Hagerstown, MD 21740, USA.

J. Cluster Sci. (USA)
Journal of Cluster Science Plenum Publishing Corp., 233 Spring Street, New York, NY 10013-1578, USA.

J. Coast. Res. (USA)
Journal of Coastal Research Coastal Education and Research Foundation, 810 East 10th Street, Lawrence, KS 66044, USA.

J. Comb. Des. (USA)
Journal of Combinatorial Designs John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10013, USA.

J. Comb. Math. Comb. Comput. (Canada)
Journal of Combinatorial Mathematics and Combinatorial Computing Charles Babbage Research Centre, P.O.Box 272, St. Norbert Postal Station, Winnipeg, Man. R3V 1L6, Canada.

J. Comb. Theory A (USA)
Journal of Combinatorial Theory, Series A Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Comb. Theory B (USA)
Journal of Combinatorial Theory, Series B Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Commun. (Hungary)
Journal on Communications Scientific Society for Telecommunications, Hungary. Editorial address: Ungvar u. 64-66, Budapest XIV, Hungary.

J. Commun. Res. Lab. (Japan)
Journal of the Communications Research Laboratory Communications Research Laboratory, Ministry of Posts and Telecommunications, Nukui-Kitamachi, 4 chome, Koganei-shi, Tokyo 184, Japan.

J. Commun. Technol. Electron. (USA)
Journal of Communications Technology and Electronics [Translation of: *Radiotekh. Elektron. (Russia)*] Scripta Technica Inc., 605 Third Avenue, New York, NY 10158, USA.

J. Complexity (USA)
Journal of Complexity Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887, USA.

J. Compos. Mater. (USA)
Journal of Composite Materials Technomic Publishing Co. Inc., 851 New Holland Avenue, Box 3535, Lancaster, PA 17604, USA.

J. Compos. Technol. Res. (USA)
Journal of Composites Technology and Research American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103, USA.

J. Comput. Acoust. (Singapore)
Journal of Computational Acoustics World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

J. Comput. Appl. Math. (Netherlands)
Journal of Computational and Applied Mathematics Elsevier Science Publishers B.V., (North-Holland) P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Comput. Assist. Learn. (UK)
Journal of Computer Assisted Learning Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, UK.

J. Comput.-Assist. Microsc. (USA)
Journal of Computer-Assisted Microscopy Plenum Publishing Corp., 233 Spring Street, New York, NY 10013-1578, USA.

J. Comput. Assist. Tomogr. (USA)
Journal of Computer Assisted Tomography Lippincott-Raven Publishers, 12107 Insurance Way, Hagerstown, MD 21740, USA.

J. Comput.-Based Instr. (USA)
Journal of Computer-Based Instruction ADCIS International Headquarters, 1601 West Fifth Avenue, Suite 111, Columbus, OH 43212, USA.

J. Comput. Chem. (USA)
Journal of Computational Chemistry John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

J. Comput. Child. Educ. (USA)
Journal of Computing in Childhood Education Association for the Advancement of Computing in Education (AACE), P.O.Box 2966, Charlottesville, VA 22902, USA.

J. Comput. Doc. (USA)
Journal of Computer Documentation Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

J. Comput. Higher Educ. (USA)
Journal of Computing in Higher Education Norris Publishers, P.O.Box 2593, Amherst, MA 01004-2593, USA.

J. Comput. Inf. Syst. (USA)
Journal of Computer Information Systems International Association for Computer Information Systems, Oklahoma State University, College of Business, Stillwater, OK 74078, USA.

J. Comput. Inf. Technol. CIT (Croatia)
Journal of Computing and Information Technology - CIT University Computing Centre, P.O.Box 741, J. Marchnica bb, 41000 Zagreb, Croatia.

J. Comput. Math. (China)
Journal of Computational Mathematics ICMSEC Chinese Academy of Sciences, Beijing, China.

J. Comput. Math. Sci. Teach. (USA)
Journal of Computers in Mathematics and Science Teaching Association for Computers in Mathematics and Science Teaching, P.O.Box 2966, Charlottesville, VA 22902, USA.

J. Comput. Neurosci. (Netherlands)
Journal of Computational Neuroscience Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Comput. Phys. (USA)
Journal of Computational Physics Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Comput. Sci. Technol. (Engl. Lang. Ed.) (China)
Journal of Computer Science and Technology (English Language Edition) Science Press, 16 Donghuangchenggen North Street, Beijing 100707, China.

J. Comput. Secur. (Netherlands)
Journal of Computer Security IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

J. Comput. Softw. Eng. (USA)
Journal of Computer and Software Engineering Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648-9975, USA.

J. Comput. Syst. Sci. (USA)
Journal of Computer and System Sciences Academic Press Inc.,. 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Comput. Syst. Sci. Int. (USA)
Journal of Computer and Systems Sciences International [Translation of: *Tekh. Kibern. (Russia)*] Scripta Technica Inc., 8555 16th Street, Suite 220, Silver Spring, MD 20910, USA.

J. Contemp. Phys. (USA)
Journal of Contemporary Physics [Translation of: *Izv. Akad. Nauk Arm. Fiz. (Armenia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

J. Cryptol. (USA)
Journal of Cryptology Springer-Verlag New York Inc., 175 Fifth Avenue, New York, NY 10010, USA.

J. Cryst. Growth (Netherlands)
Journal of Crystal Growth Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Crystallogr. Soc. Jpn. (Japan)
Journal of the Crystallographic Society of Japan Cosmos Hongo Bldg. 8F, 4-1-4 Hongo, Bunkyo-ku, Tokyo 113, Japan.

J. Dalian Univ. Technol. (China)
Journal of Dalian University of Technology Lingshui River, Dalian 116024, China.

J. Database Manage. (USA)
Journal of Database Management Idea Group Publishing, Olde Liberty Square, 4811 Jonestown Road, Suite 230, Harrisburg, PA 17109, USA.

J. Des. Technol. Educ. (UK)
Journal of Design and Technology Education Design and Technology Association, 16 Wellesbourne House, Walton Road, Warwicks. CV35 9JB, UK.

J. Differ. Equ. (USA)
Journal of Differential Equations Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Doc. (UK)
Journal of Documentation Aslib, The Association for Information Management, 20-24 Old Street, London EC1V 9AP, UK.

J. Doc. Text Manage. (UK)
Journal of Document and Text Management Taylor Graham Publishing, 500 Chesham House, 150 Regent Street, London W1R 5FA, UK.

J. Dyn. Control Syst. (USA)
Journal of Dynamical and Control Systems Plenum Publishing Corp., 233 Spring Street, New York, NY 10013-1578, USA.

J. Dyn. Differ. Equ. (USA)
Journal of Dynamics and Differential Equations Plenum Publishing Corp., 233 Spring Street, New York, NY 10013-1578, USA.

J. East China Inst. Chem. Technol. (China)
Journal of East China Institute of Chemical Technology East China University of Chemical Technology, 130 Meilong Road, Shanghai 200237, China.

J. Econ. Behav. Organ. (Netherlands)
Journal of Economic Behavior and Organization Elsevier Science B.V., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

J. Econ. Dyn. Control (Netherlands)
Journal of Economic Dynamics and Control Elsevier Science Publishers B.V., P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

J. Educ. Comput. Res. (USA)
Journal of Educational Computing Research Baywood Publishing Co. Inc., 26 Austin Avenue, P.O.Box 337, Amityville, NY 11701, USA.

J. Educ. Libr. Inf. Sci. (USA)
Journal of Education for Library and Information Science Association for Library and Information Science Education, 4101 Lake Boone Trail, Suite 201, Laleigh, NC 27607, USA.

J. Educ. Multimedia Hypermedia (USA)
Journal of Educational Multimedia and Hypermedia Association for the Advancement of Computing in Education (AACE), P.O.Box 2966, Charlottesville, VA 22902, USA.

J. Educ. Res. (USA)
Journal of Educational Research Heldref Publications, 1319 Eighteenth Street, N.W., Washington, DC 20036-1802, USA.

J. Educ. Technol. Syst. (USA)
Journal of Educational Technology Systems Baywood Publishing Co. Inc., 26 Austin Avenue, P.O.Box 337, Amityville, NY 11701, USA.

J. Elast. (Netherlands)
Journal of Elasticity Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Electr. Electron. Eng. Aust. (Australia)
Journal of Electrical and Electronics Engineering, Australia Institution of Engineers, Australia, 11 National Circuit, Barton, A.C.T. 2600, Australia.
Formed by merger of Proceedings of the IREE Australia and Transactions of the Institution of Engineers, Australia, Electrical Engineering

J. Electr. Eng. (China)
Journal of Electrical Engineering Editorial address: Chinese Society of Electrical Engineering, Qinghe, Beijing, China.

J. Electr. Eng. (Slovakia)
Journal of Electrical Engineering [Formerly: *Elektrotech. Cas. (Slovakia)*] Faculty of Electrical Engineering and Information Technology, Slovak Technical University, Ilkovicova 3, 812 19 Bratislava, Slovakia.

J. Electr. Eng. Inf. Sci. (Taiwan)
Journal of Electrical Engineering and Information Science c/o Korean Institute of Electrical Engineers, Room 901, 635-4 Ycksam-Dong, Kangnam-Ku, Seoul 135-703, South Korea.

J. Electroanal. Chem. (Switzerland)
Journal of Electroanalytical Chemistry Elsevier Sequoia S.A., P.O.Box 564, CH-1001 Lausanne 1, Switzerland.

J. Electrochem. Soc. (USA)
Journal of the Electrochemical Society Electrochemical Society Inc., 10 South Main Street, Pennington, NJ 08534-2896, USA.

J. Electrochem. Soc. India (India)
Journal of the Electrochemical Society of India c/o Indian Institute of Science, Department of Metallurgy, Bangalore 560012, India.

J. Electromagn. Waves Appl. (Netherlands)
Journal of Electromagnetic Waves and Applications VSP BV, P.O.Box 346, 3700 AH Zeist, Netherlands.

J. Electron. Def. (USA)
Journal of Electronic Defense Published for the Association of Old Crows by Horizon House-Microwave Inc., The AOC Building, 1000 N. Payne Street, Alexandria, VA 22314-1696, USA.

J. Electron Devices (China)
Journal of Electron Devices Southeast University, Nanjing 210096, China.

J. Electron. Imaging (USA)
Journal of Electronic Imaging SPIE-The Society of Photo-Optical Instrumentation Engineers, 1000 20th Street, Bellingham, WA 98225, USA.

J. Electron. Manuf. (Singapore)
Journal of Electronics Manufacturing World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

J. Electron. Mater. (USA)
Journal of Electronic Materials TMS, 420 Commonwealth Drive, Warrendale, PA 15086, USA.

J. Electron Microsc. (Japan)
Journal of Electron Microscopy Japanese Society of Electron Microscopy, c/o Center for Academic Publications Japan, 4-16 Yayoi 2-chome, Bunkyo-ku, Tokyo 113, Japan.

J. Electron Spectrosc. Relat. Phenom. (Netherlands)
Journal of Electron Spectroscopy and Related Phenomena Elsevier Science B.V., P.O.Boxz 211, 1000 AE Amsterdam, Netherlands.

J. Electron. Test., Theory Appl. (Netherlands)
Journal of Electronic Testing: Theory and Applications Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Electrost. (Netherlands)
Journal of Electrostatics Elsevier Science B.V., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

J. End User Comput. (USA)
Journal of End User Computing Idea Group Publishing, Olde Liberty Square, 4811 Jonestown Road, Suite 230, Harrisburg, PA 17109, USA.

J. Eng. Des. (UK)
Journal of Engineering Design Carfax Publishing Co., P.O.Box 25, Abingdon, Oxon. OX14 3UE, UK.

J. Eng. Math. (Netherlands)
Journal of Engineering Mathematics Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Eng. Phys. Thermophys. (USA)
Journal of Engineering Physics and Thermophysics [Translation of: *Inzh.-Fiz. Zh. (Byelorussia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

J. Eng. Technol. Manage. (Netherlands)
Journal of Engineering and Technology Management Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Environ. Radioact. (UK)
Journal of Environmental Radioactivity Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Eur. Ceram. Soc. (UK)
Journal of the European Ceramic Society Elsevier Science Ltd, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Exp. Theor. Artif. Intell. (UK)
Journal of Experimental and Theoretical Artificial Intelligence Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

J. Exp. Theor. Phys. (USA)
Journal of Experimental and Theoretical Physics [Translation of: *Zh. Eksp. Teor. Fiz. (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

J. Fac. Eng. Chiba Univ. (Japan)
Journal of the Faculty of Engineering, Chiba University 1-33 Yayoi-cho, Chiba-shi, Chiba 280, Japan.

J. Fac. Eng. Ibaraki Univ. (Japan)
Journal of the Faculty of Engineering, Ibaraki University Ibaraki University, 4-12-1 Naka-Narusawa, Hitachi-shi, Ibaraki 316, Japan.

J. Fac. Eng. Shinshu Univ. (Japan)
Journal of the Faculty of Engineering, Shinshu University Nagano, Japan.

J. Fac. Eng. Univ. Tokyo B (Japan)
Journal of the Faculty of Engineering, University of Tokyo, Series B 3-1, 7-Chome, Hongo, Bunkyo-ku, Tokyo 113, Japan.

J. Fac. Sci. Univ. Tokyo 1A, Math. (Japan)
Journal of the Faculty of Science, University of Tokyo, Section 1A (Mathematics) Dean of the Faculty of Science, University of Tokyo, Tokyo, Japan.
Merged with Scientific Papers of the College of Arts and Sciences, University of Tokyo to form Journal of Mathematical Sciences, University of Tokyo

J. Fiz. Malays. (Malaysia)
Jurnal Fizik Malaysia Malaysian Institute of Physics, c/o Jabatan Fizik, Universiti Malaya, Kuala Lumpur 22-11, Malaysia.

J. Fluid Control (USA)
Journal of Fluid Control Delridge Publishing Co., Post Office Box 160817, Cupertino, CA 95016-0817, USA.

J. Fluid Mech. (UK)
Journal of Fluid Mechanics Cambridge University Press, The Pitt Building, Trumpington Street, Cambridge CB2 1RP, UK.

J. Forth Appl. Res. (USA)
Journal of Forth Application and Research Institute of Applied Forth Research, 70 Elmwood Avenue, Rochester, NY 14611, USA.

J. Franklin Inst. (UK)
Journal of the Franklin Institute Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Frict. Wear (USA)
Journal of Friction and Wear [Translation of: *Trenie Iznos (Byelorussia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

J. Funct. Anal. (USA)
Journal of Functional Analysis Academic Press Inc., 6722 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Funct. Program. (UK)
Journal of Functional Programming Cambridge University Press, Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK.

J. Fusion Energy (USA)
Journal of Fusion Energy Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Gen. Philos. Sci. (Netherlands)
Journal for General Philosophy of Science Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Geod. (Germany)
Journal of Geodesy Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.
Formed by merger of Bulletin Geodesique and Manuscripta Geodaetica

J. Geodyn. (UK)
Journal of Geodynamics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Geom. Phys. (Netherlands)
Journal of Geometry and Physics Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Geomagn. Geoelectr. (Japan)
Journal of Geomagnetism and Geoelectricity Terra Scientific Publishing Co., 2003 Sansei Jiyugaoka Haimu, 5-27-19 Okusawa, Setagaya-ku, Tokyo 158, Japan.

J. Geophys. Res. (USA)
Journal of Geophysical Research American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

J. Glob. Inf. Manage. (USA)
Journal of Global Information Management Idea Group Publishing, Olde Liberty Square, Suite 230, 4811 Jonestown Road, Harrisburg, PA 17109, USA.

J. Gov. Inf. (USA)
Journal of Government Information Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

J. Grad. Sch. Fac. Eng. Univ. Tokyo A (Japan)
Journal of the Graduate School and Faculty of Engineering, the University of Tokyo, Series A 7-3-1 Hongo, Bunkyo-ku, Tokyo 113, Japan.

J. Graph Theory (USA)
Journal of Graph Theory John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

J. Grey Syst. (UK)
Journal of Grey Systems Sci-Tech Information Services, P.O.Box 991, Windsor, Berks. SL4 4FR, UK.

J. Gt. Lakes Res. (USA)
Journal of Great Lakes Research International Association for Great Lakes Research, 2200 Bonisteel Boulevard, University of Michigan, Ann Arbor, MI 48109, USA.

J. Guid. Control Dyn. (USA)
Journal of Guidance, Control, and Dynamics American Institute of Aeronautics and Astronautics, 370 L'Enfant Promenade, S.W., Washington, DC 20024-2518, USA.

J. Harbin Inst. Technol. (China)
Journal of the Harbin Institute of Technology Distribution address: China International Book Trading Corp., P.O.Box 399, Beijing, China.

J. Heuristics (Netherlands)
Journal of Heuristics Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. High Speed Netw. (Netherlands)
Journal of High Speed Networks IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

J. Horol. Inst. Jpn. (Japan)
Journal of the Horological Institute of Japan Nihon-Gakkai Jim-Center Building, 2-4-16 Yayoi, Bunkyo-ku, Tokyo 113, Japan.

J. Hosp. Leis. Mark. (USA)
Journal of Hospitality & Leisure Marketing Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904, USA.
Copies are available from Haworth Document Delivery Center at Haworth Press Inc

J. Huazhong (Cent. China) Univ. Sci. Technol. (China)
Journal of Huazhong (Central China) University of Science and Technology 151 Luoyu Road, Wuhan, Hubei, China.

J. Huazhong Inst. Technol. (Engl. Ed.) (China)
Journal of Huazhong Institute of Technology (English Edition) Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

J. Illum. Eng. Inst. Jpn. (Japan)
Journal of the Illuminating Engineering Institute of Japan 1-7-1, Yurakucho, 1-chome, Chiyodaku, Tokyo 100, Japan.

J. Illum. Eng. Soc. (USA)
Journal of the Illuminating Engineering Society Illuminating Engineering Society of North America, 120 Wall Street, 17th Floor, New York, NY 10005-4001, USA.
Supersedes in part: Illuminating Engineering

J. Imaging Sci. Technol. (USA)
Journal of Imaging Science and Technology Society for Imaging Science and Technology, 7003 Kilworth Lane, Springfield, VA 22151, USA.
Formed by merger of Journal of Imaging Science and Journal of Imaging Technology

J. Indian Inst. Sci. (India)
Journal of the Indian Institute of Science Bangalore 560012, India.

J. Inf. Netw. (UK)
Journal of Information Networking Taylor Graham Publishing, 500 Chesham House, 150 Regent Street, London W1R 5FA, UK.

J. Inf. Optim. Sci. (India)
Journal of Information & Optimization Sciences Analytic Publishing Co., F-23 Model Town, Delhi-110009, India.

J. Inf. Process. Cybern. (Germany)
Journal of Information Processing and Cybernetics Akademie-Verlag, P.O.Box 10 11 61, D-69451 Weinheim, Germany.

J. Inf. Sci. (UK)
Journal of Information Science Bowker-Saur, Maypole House, Maypole Road, East Grinstead, West Sussex RH19 1HH, UK.

J. Inf. Sci. Eng. (Taiwan)
Journal of Information Science and Engineering Institute of Information Science, Academia Sinica, Nanking, Taipei 11529, Taiwan.

J. Inf. Syst. (USA)
Journal of Information Systems American Accounting Association, 5717 Bessie Drive, Sarasota, FL 34233, USA.

J. Inf. Technol. (UK)
Journal of Information Technology Chapman & Hall, 2-6 Boundary Row, London SE1 8HN, UK.

J. Infrared Millim. Waves (China)
Journal of Infrared and Millimeter Waves Science Press, 16 Donghuangchenggen North Street, Beijing 100 707, China.

J. Inst. Electr. Eng. Jpn. (Japan)
Journal of the Institute of Electrical Engineers of Japan 1-12-1 Yurakucho, Chiyoda-ku, Tokyo 100, Japan.
Journal not covered for the period Jan. 1972 to Dec. 1990

J. Inst. Electron. Inf. Commun. Eng. (Japan)
Journal of the Institute of Electronics, Information and Communication Engineers Kikai-Shinko-Kaikan Bldg., 5-8 Shibakoen 3 chome, Minato-ku, Tokyo 105, Japan.

J. Inst. Electron. Telecommun. Eng. (India)
Journal of the Institution of Electronics and Telecommunication Engineers Institution of Electronics & Telecommunication Engineers, 2 Institutional Area, Lodi Road, New Delhi 110003, India.

J. Inst. Energy (UK)
Journal of the Institute of Energy 18 Devonshire Street, Portland Place, London W1N 2AU, UK.

J. Inst. Eng. (India) Electr. Eng. Div. (India)
Journal of the Institution of Engineers (India) Electrical Engineering Division 8 Gokhale Road, Calcutta 700020, India.

J. Inst. Eng. (India) Electron. Telecommun. Eng. Div. (India)
Journal of the Institution of Engineers (India) Electronics and Telecommunication Engineering Division 8 Gokhale Road, Calcutta 700020, India.

J. Inst. Eng. (India) Interdiscip. Panels (India)
Journal of the Institution of Engineers (India), Interdisciplinary Panels 8 Gokhale Road, Calcutta 700 202, India.

J. Inst. Eng. (India) Mech. Eng. Div. (India)
Journal of the Institution of Engineers (India) Mechanical Engineering Division 8 Gokhale Road, Calcutta 700020, India.

J. Inst. Eng. (India) Metall. Mater. Sci. Div. (India)
Journal of the Institution of Engineers (India), Metallurgy & Material Science Division 8 Gokhale Road, Calcutta 700 020, India.

J. Inst. Environ. Sci. (USA)
Journal of the Institute of Environmental Sciences 940 East Northwest Highway, Mount Prospect, IL 60056, USA.

J. Inst. Image Electron. Eng. Jpn. (Japan)
Journal of the Institute of Image Electronics Engineers of Japan Gazo Denshi Gakkai, CASA Meguro 505, 2-21-27 Shimo-Meguro, Meguro-ku, Tokyo 153, Japan.

J. Inst. Telev. Eng. Jpn. (Japan)
Journal of the Institute of Television Engineers of Japan Kikai-Shinko Building, 3-5-8 Shiba Koen, Minato-ku, Tokyo 105, Japan.

J. Intell. Inf. Syst., Integr. Artif. Intell. Database Technol. (Netherlands)
Journal of Intelligent Information Systems: Integrating Artificial Intelligence and Database Technologies Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Intell. Manuf. (UK)
Journal of Intelligent Manufacturing Chapman and Hall Ltd., 2-6 Boundary Row, London SE1 8HN, UK.

J. Intell. Mater. Syst. Struct. (USA)
Journal of Intelligent Material Systems and Structures Technomic Publishing Co. Inc., 851 New Holland Avenue, Box 3535, Lancaster, PA 17604, USA.

J. Intell. Robot. Syst., Theory Appl. (Netherlands)
Journal of Intelligent and Robotic Systems: Theory and Applications Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Intell. Syst. (UK)
Journal of Intelligent Systems Freund Publishing House Ltd., Suite 500, Chesham House, 150 Regent Street, London W1R 5FA, UK.

J. Interlibr. Loan Doc. Deliv. Inf. Supply (USA)
Journal of Interlibrary Loan, Document Delivery & Information Supply Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

J. Iowa Acad. Sci. (USA)
Journal of the Iowa Academy of Sciences University of Northern Iowa, Cedar Falls, IA 50614, USA.

J. Iron Steel Res. (China)
Journal of Iron and Steel Research Editorial Staff of Journal of Iron and Steel Research, no.76 Xueyuan South Road, 100081 Beijing, China.

J. Iron Steel Res. Int. (China)
Journal of Iron and Steel Research International Editorial Board of Journal of Iron and Steel Research International, No.76 Xueyuan South-Road, Beijing 100081, China.

J. Jpn. Hydraul. Pneum. Soc. (Japan)
Journal of the Japan Hydraulics and Pneumatics Society c/o Kikaishinko Building, 3-5-8 Shiba-koen, Minato-ku, Tokyo 105, Japan.

J. Jpn. Inst. Light Met. (Japan)
Journal of Japan Institute of Light Metals c/o Japan Light Metal Association (Kekinzoku Kyokai), Nihonbashi Asahi Seimei Bldg., 2-1-3 Nihonbashi, Chuo-ku, Tokyo 103, Japan.

J. Jpn. Inst. Met. (Japan)
Journal of the Japan Institute of Metals Aoba Aramaki, Aoba-ku, Sendai-shi, Miyagi 980, Japan.

J. Jpn. Inst. Navig. (Japan)
Journal of Japan Institute of Navigation c/o Tokyo University of Mercantile Marine, 2-1-6 Etchujima, Koto-ku, Tokyo 135, Japan.

J. Jpn. Soc. Artif. Intell. (Japan)
Journal of Japanese Society for Artificial Intelligence Japanese Society for Artificial Intelligence, OS Building, 402, 4-7 Tsukudomachi, Shinjuku-ku, Tokyo 162, Japan.

J. Jpn. Soc. Infrared Sci. Technol. (Japan)
Journal of the Japan Society of Infrared Science and Technology c/o Prof. Y. Tsunawaki, Department of Electrical Engineering and Electronics, Osaka Sangyo University, 3-1-1 Naka-gaito, Daito, Osaka 574,, Japan.

J. Jpn. Soc. Precis. Eng. (Japan)
Journal of the Japan Society of Precision Engineering Ceramics Building, 22-17 Hyakunincho 2-chome, Shinjuku-ku, Tokyo 169, Japan.

J. Jpn. Soc. Simul. Technol. (Japan)
Journal of the Japan Society for Simulation Technology Japan Technical Information Service, 5-10-11 Sendagaya, Shibuya-ku, Tokyo 151, Japan.

J. King Saud Univ., Eng. Sci. (Saudi Arabia)
Journal of King Saud University (Engineering Sciences) P.O.Box 800, Riyadh 11421, Saudi Arabia.

J. KISS(A), Comput. Syst. Theory (South Korea)
Journal of KISS(A) (Computer Systems and Theory) Korea Information Science Society, Seocho-gu, Bangbae 3 dong 984-1, Seoul, South Korea.
Supersedes in part: Journal of the Korea Information Science Society

J. KISS(B), Softw. Appl. (South Korea)
Journal of KISS(B) (Software and Applications) Korea Information Science Society, Seocho-gu, Bangbae 3 dong 984-1, Seoul, South Korea.
Supersedes in part: Journal of the Korea Information Science Society

J. KISS(C), Comput. Pract. (South Korea)
Journal of KISS(C) (Computing Practices) Korea Information Science Society, Seocho-gu, Banbae 3 dong 984-1, Seoul, South Korea.

J. Korean Astron. Soc. (South Korea)
Journal of the Korean Astronomical Society Korean Astronomical Society, Korea Astronomy Observatory, Taejeon 305-348, South Korea.

J. Korean Inst. Met. Mater. (South Korea)
Journal of the Korean Institute of Metals and Materials 51-8, Susong-Dong, Chongro-Ku, Seoul 110-140, South Korea.

J. Korean Inst. Telemat. Electron. (South Korea)
Journal of the Korean Institute of Telematics and Electronics 635-4 Yucksam-Dong, Kangnam-Ku, Seoul 135-703, South Korea.

J. Korean Nucl. Soc. (South Korea)
Journal of the Korean Nuclear Society Yeo-yi do Dong 21, Yeong Deng Po-Ku, South Korea.

J. Korean Phys. Soc. (South Korea)
Journal of the Korean Physical Society Korean Physical Society, Science Center Building, 635-4 Yuksam-dong, Kangnam-ku, Seoul 135-703, South Korea.

J. Libr. Adm. (USA)
Journal of Library Administration Haworth Press Inc., 75 Griswold Street, Binghampton, NY 13904, USA.

J. Libr. Sci. China (China)
Journal of the Library Science in China Distribution address: China International Book Trading Corp., P.O.Box 399, Beijing, China.

J. Librariansh. Inf. Sci. (UK)
Journal of Librarianship and Information Science Bowker Saur, Maypole House, Maypole Road, East Grindstead, West Sussex RH19 1HH, UK.

J. Lightwave Technol. (USA)
Journal of Lightwave Technology Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

J. Log. Program. (USA)
Journal of Logic Programming Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

J. Logic Comput. (UK)
Journal of Logic and Computation Oxford University Press, Walton Street, Oxford OX2 6DP, UK.

J. Logic Lang. Inf. (Netherlands)
Journal of Logic, Language and Information Kluwer Academic Publishers, P.O. Box 322, 3300 AH Dordrecht, Netherlands.

J. Low Freq. Noise Vib. (UK)
Journal of Low Frequency Noise & Vibration Multi Science Publishing Co. Ltd., 107 High Street, Brentwood, Essex CM14 4RX, UK.

J. Low Temp. Phys. (USA)
Journal of Low Temperature Physics Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Lumin. (Netherlands)
Journal of Luminescence Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Macromol. Sci. - Phys. (USA)
Journal of Macromolecular Science - Physics Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

J. Macromol. Sci., Rev. Macromol. Chem. Phys. (USA)
Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

J. Magn. Magn. Mater. (Netherlands)
Journal of Magnetism and Magnetic Materials Elsevier Science B.V., P.O.Box 211, 100 AE Amsterdam, Netherlands.

J. Magn. Reson. A (USA)
Journal of Magnetic Resonance, Series A Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Magn. Reson. B (USA)
Journal of Magnetic Resonance, Series B Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Manage. Inf. Syst. (USA)
Journal of Management Information Systems M.E. Sharpe Inc., 80 Business Park Drive, Armonk, NY 10504, USA.

J. Manuf. Syst. (USA)
Journal of Manufacturing Systems Society of Manufacturing Engineers, One SME Drive, P.O.Box 930, Dearborn, MI 48121-0930, USA.

J. Mark. Channels (USA)
Journal of Marketing Channels Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

J. Mass Spectrom. Soc. Jpn. (Japan)
Journal of the Mass Spectrometry Society of Japan Mass Spectrometry Society of Japan, c/o Business Center for Academic Societies of Japan, 4-16 Yayoi 2-Chome, Bunkyo-ku, Tokyo 113, Japan.

J. Mater. Eng. Perform. (USA)
Journal of Materials Engineering and Performance ASM International, Materials Park, OH 44073-0002, USA.

J. Mater. Process. Technol. (Switzerland)
Journal of Materials Processing Technology Elsevier Science S.A., P.O.BOx 564, CH-1001 Lausanne, Switzerland.

J. Mater. Res. (USA)
Journal of Materials Research Materials Research Society, 9800 McKnight Road, Pittsburg, PA 15237, USA.

J. Mater. Sci. (UK)
Journal of Materials Science Chapman and Hall, 2-6 Boundary Row, London SE1 8HH, UK.

J. Mater. Sci. Lett. (UK)
Journal of Materials Science Letters Chapman and Hall, 2-6 Boundary Row, London SE1 8HH, UK.

J. Mater. Sci., Mater. Electron. (UK)
Journal of Materials Science: Materials in Electronics Chapman and Hall, 2-6 Boundary Row, London SE1 8HH, UK.

J. Mater. Sci., Mater. Med. (UK)
Journal of Materials Science: Materials in Medicine Chapman and Hall, 2-6 Boundary Row, London SE1 8HH, UK.

J. Mater. Sci. Technol. (Bulgaria)
Journal of Materials Science and Technology Institute of Metal Science, Bulgarian Academy of Sciences, 1574 Sofia, 67 Shipchensky Prohod Str, Bulgaria.

J. Mater. Synth. Process. (USA)
Journal of Materials Synthesis and Processing Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Math. Anal. Appl. (USA)
Journal of Mathematical Analysis and Applications Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Math. Biol. (Germany)
Journal of Mathematical Biology Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

J. Math. Imaging Vis. (Netherlands)
Journal of Mathematical Imaging and Vision Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Math. Phys. (USA)
Journal of Mathematical Physics American Institute of Physics, 500 Sunnyside Bouelvard, Woodbury, NY 11797-2999, USA.

J. Math. Phys. Sci. (India)
Journal of Mathematical and Physical Sciences Indian Institute of Technology, Department of Mathematics, Madras 600 036, India.

J. Math. Psychol. (USA)
Journal of Mathematical Psychology Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Math. Sci. Univ. Tokyo (Japan)
Journal of Mathematical Science, University of Tokyo Library, Department of Mathematical Sciences, University of Tokyo, Komaba, Meguro-ku, Tokyo 153, Japan.
Formed by merger of Journal of the Faculty of Science, University of Tokyo, Section 1A (Mathematics) and Scientific Papers of the College of Arts and Sciences, University of Tokyo

J. Mech. Eng. Lab. (Japan)
Journal of Mechanical Engineering Laboratory Namiki Tsukuba-shi, Ibaraki, Japan.

J. Mech. Phys. Solids (UK)
Journal of the Mechanics and Physics of Solids Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Mech. Strength (China)
Journal of Mechanical Strength Editorial Department Journal of Mechanical Strength, No.7 Shongshan South Road, Zhengzhou, Henan 450052, China.

J. Med. Eng. Technol. (UK)
Journal of Medical Engineering & Technology Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.

J. Membr. Sci. (Netherlands)
Journal of Membrane Science Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Microelectromech. Syst. (USA)
Journal of Microelectromechanical Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

J. Microelectron. Syst. Integr. (USA)
Journal of Microelectronic Systems Integration Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Micromech. Microeng. (UK)
Journal of Micromechanics and Microengineering IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

J. Microsc. (UK)
Journal of Microscopy Blackwell Science Ltd., Osney Mead, Oxford OX2 0EL, UK.

J. Microw. Power Electromagn. Energy (USA)
Journal of Microwave Power and Electromagnetic Energy International Microwave Power Institute, 10210 Leatherleaf Court, Manassas, VA 22111, USA.

J. Mind Behav. (USA)
Journal of Mind and Behavior Institute of Mind and Behavior Inc., Box 522, Village Station, New York, NY 10014, USA.

J. Mod. Opt. (UK)
Journal of Modern Optics Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

J. Mol. Liq. (Netherlands)
Journal of Molecular Liquids Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Mol. Sci. (Int. Ed.) (China)
Journal of Molecular Science (International Edition) Huazhong University of Science and Technology Press, Wuhan, China.

J. Mol. Spectrosc. (USA)
Journal of Molecular Spectroscopy Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Mol. Struct. (Netherlands)
Journal of Molecular Structure Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Mosc. Phys. Soc. (UK)
Journal of the Moscow Physical Society [Title changed to: *J. Mosc. Phys. Soc. (USA)*]

J. Mosc. Phys. Soc. (USA)
Journal of the Moscow Physical Society [Formerly: *J. Mosc. Phys. Soc. (UK)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

J. Multivariate Anal. (USA)
Journal of Multivariate Analysis Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Nanjing Inst. Technol. (China)
Journal of Nanjing Institute of Technology Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

J. Nanjing Univ. Aeronaut. Astronaut. (China)
Journal of Nanjing University of Aeronautics & Astronautics 29 Yudao Street, Nanjing 210016, China.

J. Natl. Res. Counc. Thail. (Thailand)
Journal of the National Research Council of Thailand Thai National Documentation Centre, Bangkhen, Thailand.

J. Navig. (UK)
Journal of Navigation Royal Institute of Navigation at the Royal Geographical Society, 1 Kensington Gore, London, SW7 2AT, UK.
Not covered during the period 1973 to 1976

J. Netw. Comput. Appl. (UK)
Journal of Network and Computer Applications Academic Press Ltd., 24-28 Oval Road, London NW1 7DX, UK.

J. Netw. Syst. Manage. (USA)
Journal of Network and Systems Management Plenum Publishing Corp., 233 Spring Street, New York, NY 10013-1578, USA.

J. Neurosci. Methods (Netherlands)
Journal of Neuroscience Methods Elsevier/North-Holland, Journal Division, P.O. Box 211, 1000 AE Amsterdam, Netherlands.

J. New Gener. Comput. Syst. (Germany)
Journal of New Generation Computer Systems Akademie-Verlag, Leipziger Strasse 3-4, P.O.Box 1233, O-1086 Berlin, Germany.

J. New Music Res. (Netherlands)
Journal of New Music Research Swets & Zeitlinger, P.O.Box 825, 2160 SZ Lisse, Netherlands.

J. Non-Cryst. Solids (Netherlands)
Journal of Non-Crystalline Solids Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Non-Equilib. Thermodyn. (Germany)
Journal of Non-Equilibrium Thermodynamics Walter de Gruyter & Co., Genthiner Strasse 13, W-1000 Berlin 30, Germany.

J. Non-Newton. Fluid Mech. (Netherlands)
Journal of Non-Newtonian Fluid Mechanics Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

J. Nondestruct. Eval. (USA)
Journal of Nondestructive Evaluation Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Nonlinear Opt. Phys. Mater. (Singapore)
Journal of Nonlinear Optical Physics and Materials World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

J. Nucl. Mater. (Netherlands)
Journal of Nuclear Materials Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Nucl. Med. (USA)
Journal of Nuclear Medicine Society of Nuclear Medicine Inc., 1850 Samuel Morse Drive, Reston, VA 22090-5316, USA.

J. Nucl. Med. Technol. (USA)
Journal of Nuclear Medicine Technology Society of Nuclear Medicine, 1850 Samuel Morse Drive, Reston, VA 22090-5316, USA.

J. Nucl. Sci. Technol. (Japan)
Journal of Nuclear Science and Technology Atomic Energy Society of Japan, 1-1-13 Shimbashi, Minato-ku, Tokyo 105, Japan.

J. Number Theory (USA)
Journal of Number Theory Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Object-Oriented Program. (USA)
Journal of Object-Oriented Programming SIGS Publications Inc., 71 West 23rd Street, 3rd Floor, New York, NY 10010, USA.

J. Occup. Organ. Psychol. (UK)
Journal of Occupational and Organizational Psychology British Psychological Society, St. Andrew's House, 48 Princess Road East, Leicester LE1 7DR, UK.

J. Oper. Manage. (Netherlands)
Journal of Operations Management Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Oper. Res. Soc. (UK)
Journal of the Operational Research Society Published for the Operational Research Society by Stockton Press, Houndmills, Basingstoke, Hants. RG21 2XS, UK.

J. Oper. Res. Soc. Jpn. (Japan)
Journal of the Operations Research Society of Japan Operations Research Society of Japan, 2-4-16 Yayoi, Bunko-ku, Tokyo 113, Japan.

J. Opt. (France)
Journal of Optics Masson Editeur, 120 Boulevard Saint-Germain, 75280 Paris Cedex 06, France.

J. Opt. (India)
Journal of Optics Optical Society of India, Department of Applied Physics, University of Calcutta, 92 Acharya Prafulla Chandra Road, Calcutta 700 009, India.

J. Opt. Commun. (Germany)
Journal of Optical Communications Fachverlag Schiele & Schon GmbH, Markgrafenstrasse 11, D-10969 Berlin, Germany.

J. Opt. Soc. Am. A, Opt. Image Sci. Vis. (USA)
Journal of the Optical Society of America A (Optics, Image Science and Vision) 2010 Massachusetts Avenue, N.W., Washington, DC 20036-1023, USA.

J. Opt. Soc. Am. B, Opt. Phys. (USA)
Journal of the Optical Society of America B (Optical Physics) 2010 Massachusetts Avenue, N.W., Washington, DC 20036-1023, USA.
Supersedes in part: Journal of the Optical Society of America

J. Opt. Technol. (USA)
Journal of Optical Technology [Translation of: *Opt.-Mekh. Prom. (Russia)*] Optical Society of America, 2010 Massachusetts Avenue, N.W., Washington, DC 20036, USA.

J. Optim. Theory Appl. (USA)
Journal of Optimization Theory and Applications Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Organ. Comput. (USA)
Journal of Organizational Computing Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648, USA.

J. Parallel Distrib. Comput. (USA)
Journal of Parallel and Distributed Computing Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Pascal Ada Modula-2 (USA)
Journal of Pascal, Ada & Modula-2 JPAM Inc., 310 Madison Avenue, Suite 503, New York, NY 10017, USA.

J. Phase Equilib. (USA)
Journal of Phase Equilibria ASM International, Materials Park, OH 44073, USA.

J. Photogr. Sci. (UK)
Journal of Photographic Science Royal Photographic Society, The Octagon, Milsom Street, Bath BA1 1DN, UK.

J. Phys. A, Math. Gen. (UK)
Journal of Physics A (Mathematical and General) IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK

J. Phys. B, At. Mol. Opt. Phys. (UK)
Journal of Physics B (Atomic, Molecular and Optical Physics) IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK

J. Phys. Chem. (USA)
Journal of Physical Chemistry American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA

J. Phys. Chem. Ref. Data (USA)
Journal of Physical and Chemical Reference Data American Chemical Society, 1155 Sixteenth Street, N.W., Washington, DC 20036, USA.

J. Phys. Chem. Solids (UK)
Journal of the Physics and Chemistry of Solids Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK

J. Phys., Condens. Matter. (UK)
Journal of Physics: Condensed Matter IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK
Formed by merger of Journal of Physics C (Solid State Physics) and Journal of Physics F (Metal Physics)

J. Phys. D, Appl. Phys. (UK)
Journal of Physics D (Applied Physics) IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK

J. Phys. Earth (Japan)
Journal of Physics of the Earth Business Center for Academic Societies Japan, Honkomagome 5-16-9, Bunkyo-ku, Tokyo 113, Japan.

J. Phys. G, Nucl. Part. Phys. (UK)
Journal of Physics G (Nuclear and Particle Physics) IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

J. Phys I, Gen. Phys. Stat. Phys. Condens. Matter. Cross.-Discipl. Phys. (France)
Journal de Physique I (General Physics, Statistical Physics, Condensed Matter, Cross-Disciplinary Physics) Les Editions de Physique, 7 Avenue du Hoggar, Z.I. de Courtaboeuf, B.P. 112, 91944 Les Ulis Cedex A, France
Supersedes in part: Journal de Physique

J. Phys. II, At. Mol. Cluster Phys. Chem. Phys. Mech. Hydrodyn. (France)
Journal de Physique II (Atomic, Molecular and Cluster Physics, Chemical Physics, Mechanics and Hydrodynamics) Les Editions de Physique, 7 Avenue du Hoggar, Z.I. de Courtaboeuf, B.P. 112, 91944 Les Ulis Cedex A, France.
Supersedes in part: Journal de Physique

J. Phys. III, Appl. Phys. Mater. Sci. Fluids Plasma Instrum. (France)
Journal de Physique III (Applied Physics, Materials Science, Fluids, Plasma and Instrumentation) Les Editions de Physique, 7 Avenue du Hoggar, Z.I. de Courtaboeuf, B.P. 112, 91944 Les Ulis Cedex A, France

J. Phys. IV, Colloq. (France)
Journal de Physique IV (Colloque) Editions de Physique, Avenue du Hoggar, Z.I. de Courtaboeuf B.P. 112, F-91944 Les Ulix Cedex A, France

J. Phys. Oceanogr. (USA)
Journal of Physical Oceanography American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA

J. Phys. Org. Chem. (UK)
Journal of Physical Organic Chemistry John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK

J. Phys. Soc. Jpn. (Japan)
Journal of the Physical Society of Japan Room 211, Kikai Shinko Building, 3-5-8 Shiba Koen, Minato-ku, Tokyo 105, Japan

J. Plasma Phys. (UK)
Journal of Plasma Physics Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK

J. Polym. Sci. A, Polym. Chem. (USA)
Journal of Polymer Science, Part A (Polymer Chemistry) John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA

J. Polym. Sci. B, Polym. Phys. (USA)
Journal of Polymer Science, Part B (Polymer Physics) John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

J. Polym. Sci. Polym. Symp. (USA)
Journal of Polymer Science, Polymer Symposia John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10016, USA.

J. Power Sources (Switzerland)
Journal of Power Sources Elsevier Sequoia S.A., P.O. Box 564, CH-1001 Lausanne 1, Switzerland.

J. Pragmat. (Netherlands)
Journal of Pragmatics Elsevier Science Publishers B.V. (North-Holland), P.O.Box 211, 1000 AE Amsterdam, Netherlands

J. Proc. R. Soc. New South Wales (Australia)
Journal and Proceedings of the Royal Society of New South Wales P.O.Box 1525, Macquarie Centre, NSW 2113, Australia

J. Process Control (UK)
Journal of Process Control Elsevier Science Ltd. The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Prod. Innov. Manage. (USA)
Journal of Product Innovation Management Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

J. Program. Lang. (UK)
Journal of Programming Languages Chapman & Hall, 2-6 Boundary Row, London SE1 8HH, UK.

J. Pulp Pap. Sci. (Canada)
Journal of Pulp and Paper Science Technical Section, Canadian Pulp and Paper Association, Sun Life Building, 19th Floor, 1155 Metcalfe Street, Montreal, Que. H3B 4T6, Canada.

J. Qual. Technol. (USA)
Journal of Quality Technology American Society for Quality Control, 611 E. Wisconsin Avenue, P.O.Box 3005, Milwaukee, WI 53201-3005, USA

J. Quant. Spectrosc. Radiat. Transf. (UK)
Journal of Quantitative Spectroscopy and Radiative Transfer Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK

J. R. Astron. Soc. Can. (Canada)
Journal of the Royal Astronomical Society of Canada 136 Dupont Street, Toronto, Ont. M5R 1V2, Canada.

J. R. Electr. Mech. Eng. (UK)
Journal of the Royal Electrical and Mechanical Engineers Moat House, Arborfield, Berks., RG2 9LN, UK.

J. R. Signals Inst. (UK)
Journal of the Royal Signals Institution Regimental Headquarters Royal Signals, 56 Regency Street, London SW1P 4AD, UK.

J. Radiat. Res. (Japan)
Journal of Radiation Research Japan Radiation Research Society, c/o National Institute of Radiological Sciences, Anagawa, Inage-ku, Chiba 263, Japan.

J. Radiol. Prot. (UK)
Journal of Radiological Protection IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

J. Raman Spectrosc. (UK)
Journal of Raman Spectroscopy Wiley and Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

J. Reinf. Plast. Compos. (USA)
Journal of Reinforced Plastics and Composites Technomic Publishing Co. Inc., 851 New Holland Avenue, Box 3535, Lancaster, PA 17604, USA

J. Relig. Theol. Inf. (USA)
Journal of Religious & Theological Information Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904, USA.

J. Res. Comput. Educ. (USA)
Journal of Research on Computing in Education International Society for Technology in Education, 1787 Agate Street, Eugene, OR 97403-1923, USA.

J. Res. Inst. Sci. Technol. Nihon Univ. (Japan)
Journal of the Research Institute of Science and Technology, Nihon University Nihon, Japan

J. Res. Natl. Inst. Stand. Technol. (USA)
Journal of Research of the National Institute of Standards and Technology National Institute of Standards and Technology, Gaithersburg, MD 20899, USA.

J. Restaur. Foodserv. Mark. (USA)
Journal of Restaurant & Foodservice Marketing Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904, USA.

J. Rheol. (USA)
Journal of Rheology Published for the Society of Rheology by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

J. Robot. Syst. (USA)
Journal of Robotic Systems John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

J. Russ. Laser Res. (USA)
Journal of Russian Laser Research Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

J. Sci. Comput. (USA)
Journal of Scientific Computing Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Sci. Hiroshima Univ. A, Phys. Chem. (Japan)
Journal of Science of the Hiroshima University, Series A (Physics and Chemistry) Publishing Committee of Series A, Department of Chemistry, Faculty of Science, Hiroshima University, Hiroshima 730, Japan.

J. Sci. Ind. Res. (India)
Journal of Scientific and Industrial Research Sales & Distribution Office, Publications & Information Directorate, Dr. K.S. Krishnan Marg, New Delhi 110 012, India

J. Sci. Res. Banaras Hindu Univ. (India)
Journal of Scientific Research of the Banaras Hindu University Department of Physics, Faculty of Science, P.O. Banaras Hindu University, Varnasi-221005, India.

J. Sci. Soc. Thail. (Thailand)
Journal of the Science Society of Thailand Science Society of Thailand, Chulalongkorn University, Faculty of Science, Bangkok 10330, Thailand.

J. Semant. (UK)
Journal of Semantics Oxford University Press, Walton Street, Oxford OX2 6DP, UK.
Journal not covered by INSPEC during 1995

J. Shanghai Jiaotong Univ. (China)
Journal of Shanghai Jiaotong University Shanghai Jiaotong University Press. Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 399, Beijing 100044, China.

J. Singap. Natl. Acad. Sci. (Singapore)
Journal of the Singapore National Academy of Science Tecco Organisation, 117-b Killiney Road, Singapore 9, Singapore.

J. Soc. Inf. Disp. (USA)
Journal of the Society for Information Display 1526 Brookhollow Drive, Suite 82, Santa Ana, CA 92705-5421, USA.

J. Soc. Instrum. Control Eng. (Japan)
Journal of the Society of Instrument and Control Engineers Hongo, 1-35-28-303, Bunkyo-ku, Tokyo 113, Japan.

J. Soc. Mater. Sci. Jpn. (Japan)
Journal of the Society of Materials Science, Japan 1 Yoshida Izumidono-cho, Sakyo-ku, Kyoto, Japan.

J. Soc. Photogr. Sci. Technol. Jpn. (Japan)
Journal of the Society of Photographic Science and Technology of Japan Tokyo Insitute of Polytechnics, 2-9-5 Hon-cho, Nakano-ku, Tokyo 164, Japan.

J. Softw. Maint., Res. Pract. (UK)
Journal of Sofware Maintenance: Research and Practice John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

J. Sol. Energy Res. (Iraq)
Journal of Solar Energy Research Solar Energy Research Center, Scientific Reseach Council, Baghdad. Editorial address: P.O.Box 113026, Jaderiyah, Baghdad, Iraq.

J. Sol-Gel Sci. Technol. (Netherlands)
Journal of Sol-Gel Science and Technology Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Solid State Chem. (USA)
Journal of Solid State Chemistry Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Sound Vib. (UK)
Journal of Sound and Vibration Academic Press Inc. (London) Ltd., 24-28 Oval Road, London, NW1 7DX, UK.

J. South Afr. Acoust. Inst. (South Africa)
Journal of the South African Acoustics Institute South African Acoustics Institute, P.O.Box 912 169, Silverton 0127, South Africa.

J. Spacecr. Technol. (India)
Journal of Spacecraft Technology ISRO Satellite Centre, Department of Space, Government of India, Airport Road, Vimanapura P.O., Bangalore 560 017, India.

J. Spec. Top. Mobile Netw. Appl. (MONET) (Netherlands)
Journal of Special Topics in Mobile Networks and Applications (MONET) Published by Baltzer Science Publishers, P.O.Box 37208, 1030 AE Amsterdam for Baltzer Science Publishers and ACM Press, Netherlands.

J. Spectrosc. Soc. Jpn. (Japan)
Journal of the Spectroscopical Society of Japan Spectroscopical Society of Japan, Room No.202, Industrial Hall 1-3, Kanda-Awajicho, Chiyoda-ku, Tokyo 101, Japan.

J. Speech Hear. Res. (USA)
Journal of Speech and Hearing Research American Speech-Language-Hearing Association, 10801 Rockville Pike, Rockville, MA 20852-3279, USA.

J. Stat. Phys. (USA)
Journal of Statistical Physics Plenum Publishing Corp., 233 Spring Stret, New York, NY 10013, USA.

J. Stat. Plan. Inference (Netherlands)
Journal of Statistical Planning and Inference Elsevier Science B.V., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

J. Strain Anal. Eng. Des. (UK)
Journal of Strain Analysis for Engineering Design Mechanical Engineering Publications Ltd., P.O. Box 24, Northgate Avenue, Bury St. Edmunds, Suffolk IP32 6BW, UK.

J. Strateg. Inf. Syst. (UK)
Journal of Strategic Information Systems Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Struct. Chem. (USA)
Journal of Structural Chemistry [Translation of: *Zh. Strukt. Khim. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

J. Supercomput. (Netherlands)
Journal of Supercomputing Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Supercond. (USA)
Journal of Superconductivity Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

J. Symb. Comput. (UK)
Journal of Symbolic Computation Academic Press Inc. (London) Ltd., 24-28 Oval Road, London NW1 7DX, UK.

J. Symb. Log. (USA)
Journal of Symbolic Logic Association for Symbolic Logic Inc., 1325 South Oak Street, Champaign, IL 61820, USA.

J. Synchrotron Radiat. (Denmark)
Journal of Synchrotron Radiation Published for the International Union of Crystallography by Munksgaard International Publishers, 35 Norre Sogade, P.O.Box 2148, DK-1016 Copenhagen K, Denmark.

J. Syst. Archit. (Netherlands)
Journal of Systems Architecture Elsevier Science BV, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. Syst. Eng. (UK)
Journal of Systems Engineering Springer-Verlag London Ltd., Sweetapple House, Cattleshall Road, Godalming, Surrey GU7 3DJ, UK.

J. Syst. Integr. (Netherlands)
Journal of Systems Integration Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Syst. Manage. (USA)
Journal of Systems Management Association for Systems Management, P.O.Box 38370, Berea, OH 44138-0370, USA.

J. Syst. Sci. Syst. Eng. (China)
Journal of Systems Science and Systems Engineering International Academic Publishers, Xiwai Dajie, Beijing Exhibition Centre, Beijing 100044, China.

J. Syst. Softw. (USA)
Journal of Systems and Software Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

J. Tech. Phys. (Poland)
Journal of Technical Physics Polish Academy of Sciences, Institute of Fundamental Technological Research, Palac Kultury i Nauki, Warszawa, Poland.

J. Technol. (India)
Journal of Technology Bengal Engineering College, Howrah, India.

J. Technol. Teach. Educ. (USA)
Journal of Technology Teacher Education AACE Editorial Office, P.O.Box 2966, Charlottesville, VA 22902, USA.

J. Test. Eval. (USA)
Journal of Testing and Evaluation American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103, USA.

J. Therm. Biol. (UK)
Journal of Thermal Biology Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

J. Therm. Spray Technol. (USA)
Journal of Thermal Spray Technology ASM International, Materials Park, OH 44073-0002, USA.

J. Therm. Stresses (USA)
Journal of Thermal Stresses Taylor & Francis, 1101 Vermont Avenue, Suite 200, Washington, DC 20005-3521, USA.

J. Tongji Univ. (China)
Journal of Tongji University Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 399, Beijing, China.

J. Tsinghua Univ. (China)
Journal of Tsinghua University Tsinghua University, Haidian District, 100084 Beijing, China.

J. Vac. Sci. Technol. A, Vac. Surf. Films (USA)
Journal of Vacuum Science & Technology A (Vacuum, Surfaces, and Films) Published for the American Vacuum Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.
Supersedes in part: Journal of Vacuum Science and Technology

J. Vac. Sci. Technol. B, Microelectron. Nanometer Struct. (USA)
Journal of Vacuum Science & Technology B (Microelectronics and Nanometer Structures) Published for the American Vacuum Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

J. Vestib. Res., Equilib. Orientat. (USA)
Journal of Vestibular Research: Equilibrium & Orientation Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

J. Vib. Control (USA)
Journal of Vibration and Control Sage Publications Inc., 2455 Teller Road, Thousand Oaks, CA 91320, USA.

J. Vis. Commun. Image Represent. (USA)
Journal of Visual Communication and Image Representation Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Vis. Comput. Animat. (UK)
Journal of Visualization and Computer Animation John Wiley & Sons Ltd, Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

J. Vis. Lang. Comput. (UK)
Journal of Visual Languages and Computing Academic Press Ltd., 24-28 Oval Road, London NW1 7DX, UK.

J. VLSI Signal Process. (Netherlands)
Journal of VLSI Signal Processing Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

J. Weather Modif. (USA)
Journal of Weather Modification Weather Modification Association, P.O.Box [illegible], Fresno, CA 93747, USA

J. Wind Eng. Ind. Aerodyn. (Netherlands)
Journal of Wind Engineering and Industrial Aerodynamics Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

J. X-Ray Sci. Technol. (USA)
Journal of X-Ray Science and Technology Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

J. Xidian Univ. (China)
Journal of Xidian University Distribution address: China International Book Trading Corp., P.O.Box 399, Beijing, China.

J. Zhejiang Univ. (China)
Journal of Zhejiang University Distribution address: China International Book Trading Corp., P.O.Box 399, Beijing, China.

Jahangirnagar Rev. A. Sci. (Bangladesh)
Jahangirnagar Review, Part A (Science) Jahangirnagar University, Savar, Dhaka, Bangladesh

JEE. J. Electron. Eng. (Japan)
JEE (Journal of Electronic Engineering) Dempa Publications Inc., 11-15 Higashi Gotanda, 1-chome, Shinagawaku, Tokyo 141, Japan.

JEI-J. Electron. Ind. (Japan)
JEI - Journal of the Electronics Industry Dempa Publications Inc., 1-11-15, Higashi Gotanda 1-chome, Shinagawa-ku, Tokyo 141, Japan.
Not covered by INSPEC July 1984 - Dec. 1995

JEMIC Tech. Rep. (Japan)
JEMIC Technical Report Japan Electric Meters Inspection Corp., 4-15-7 Shibaura, Minato-ku, Tokyo 108, Japan.

JETP Lett. (USA)
JETP Letters [Translation of: *Pis'ma Zh. Eksp. Teor. Fiz. (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

JIPDEC Informatization Q. (Japan)
JIPDEC Informatization Quarterly Japan Information Processing Development Center, Kikai Shinko Kaikan Bldg., 3-5-8 Shibakoen, Minato-ku, Tokyo 105, Japan.

JIPDEC Rep. (Japan)
JIPDEC Report Japan Information Processing Development Center, Kikai Shinko Kaikan Building, 3-5-8, Shibakoen, Minato-ku, Tokyo 105, Japan.

JNMM (USA)
JNMM Institute of Nuclear Materials Management, 60 Revere Drive, Suite 500, Northbrook, IL 60062, USA.

John Marshall J. Comput. Inf. Law (USA)
John Marshall Journal of Computer & Information Law John Marshall Law School, 315 S. Plymouth CT, Chicago, IL 60604, USA.

Johns Hopkins APL Tech. Dig. (USA)
Johns Hopkins APL Technical Digest Johns Hopkins University, Applied Physics Laboratory, Johns Hopkins Road, Laurel, MD 20723-6099, USA.

Joho Kanri (Japan)
Joho Kanri Japan Information Centre of Science and Technology, 2-5-2 Nagata-cho, Chiyoda-ku, Tokyo 100, Japan.

Joho Shori (Japan)
Joho Shori [illegible] Bldg., 2-4-2 Azabu-Dai, Minato-ku, Tokyo 106, Japan.

JOM (USA)
JOM Minerals, Metals & Materials Society (TMS), 420 Commonwealth Drive, Warrendale, PA 15086, USA.

JORBEL (Belgium)
JORBEL Sogesci-B.V.W.B., Avenue de la Renaissance 30, 1040 Bruxelles, Belgium.

Jpn. J. Appl. Phys. 1, Regul. Pap. Short Notes Rev. Pap. (Japan)
Japanese Journal of Applied Physics, Part 1 (Regular Papers, Short Notes & Review Papers) Publications Office, Japanese Journal of Applied Physics, Daini-Toyokaiji Building, 24-8 Shinbashi 4-chome, Minato-ku, Tokyo 105, Japan.

Jpn. J. Appl. Phys. 2, Lett. (Japan)
Japanese Journal of Applied Physics, Part 2 (Letters) Publication Office, Daini Toyokaiji Building, 24-8 Shinbashi 4-chome, Minato-ku, Tokyo 105, Japan.
Supersedes in part: Japanese Journal of Applied Physics

Jpn. J. Appl. Phys. Suppl. (Japan)
Japanese Journal of Applied Physics, Supplement Publication Office, Daini Toyokaiji Building, 24-8 Shinbashi 4-chome, Minato-ku, Tokyo 105, Japan.

Jpn. J. Ergon. (Japan)
Japanese Journal of Ergonomics 7-3-1 Hongo, Bunkyo-ku, Tokyo 113, Japan.

Jpn. J. Fuzzy Theory Syst. (USA)
Japanese Journal of Fuzzy Theory and Systems Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Jpn. J. Med. Electron. Biol. Eng. (Japan)
Japanese Journal of Medical Electronics and Biological Engineering Japan Society of Medical Electronics and Biological Engineering, Business Center for Academic Societies Japan, 2-4-16 Yayoi, 2-chome, Bunkyo-ku, 113 Tokyo, Japan.

Jpn. Railw. Eng. (Japan)
Japanese Railway Engineering Japan Railway Engineers' Association, S.N.K. Bldg., 2-20-7 Misaki-cho, Chiyoda-ku, Tokyo 101, Japan.

JRC Rev. (Japan)
JRC Review Japan Radio Co. Ltd., Akasaka Twin Tower Main Building, 2-17-22 Akasaka, Minato-ku, Tokyo 107, Japan.

JSME Int. J. A, Mech. Mater. Eng. (Japan)
JSME International Journal, Series A (Mechanics and Material Engineering) Japan Society of Mechanical Engineers, Shinanomachi-Rengakan Building, Shinanomachi 35, Shinjuku-ku, Tokyo 160, Japan.

JSME Int. J. B, Fluids Therm. Eng. (Japan)
JSME International Journal, Series B (Fluids and Thermal Engineering) Japan Society of Mechanical Engineers, Shinjuku Sanshin Bldg., 4-9 Yoyogi 2 chome, Shibuyaku, Tokyo 151, Japan.

JSME Int. J. C, Dyn. Control Robot. Des. Manuf. (Japan)
JSME International Journal, Series C (Dynamics, Control, Robotics, Design and Manufacturing) Japan Society of Mechnical Engineers, Shinjuku Sanshin Bldg., 4-9 Yoyogi 2-Chome, Shibuya-ku, Tokyo 151, Japan.

Jurimetr. J. (USA)
Jurimetrics Journal American Bar Association, Section of Science and Technology, 750 N. Lake Shore Drive, Chicago, IL 60611, USA.

K. Nor. Vidensk. Selsk. Forh. (Norway)
Kongelige Norske Videnskabers Selskabs Forhandlinger Tapir Publishers, Vollabakken 15, N-7030 Trondheim, Norway.

K. Nor. Vidensk. Selsk. Skr. (Norway)
Kongelige Norske Videnskabers Selskabs Skrifter Tapir Publishers, N-7005 Trondheim, Norway.

Kabel-Cables (Switzerland)
Kabel-Cables Kabelwerke Brugg AG, 5200 Brugg, Switzerland.

Karachi Univ. J. Sci. (Pakistan)
Karachi University Journal of Science University of Karachi, Karachi, Pakistan.

KDD R&D (Japan)
KDD R&D Kokusai Denshin Denwa k.k., KDD Building 31F, 2-3-2 Nishishinjuku, Shinjuku-ku, Tokyo 163, Japan.

KDD Tech. J. (Japan)
KDD Technical Journal Kokusai Denshin Denwa k.k., KDD Building 31F,2-3-2 Nishinjuku, Shinjuku-ku, Tokyo 163, Japan.

Keio Sci. Technol. Rep. (Japan)
Keio Science and Technology Reports Keio University, Faculty of Science and Technology, 3-14-1 Hiyoshi, Kohoku-ku, Yokohama-shi, Kanagawa 223, Japan.

Kenkyu Shiryou (Japan)
Kenkyu Shiryou Central Technical Research Laboratory, Chubu Electric Power Co., 20-1 Kitakansan, Otaka-cho, Midoro-ku, Nagoya 459, Japan.

Kep- & Hangtech. (Hungary)
Kep- es Hangtechnika Lapkiado Vallalat, Budapest VII, Lenin korut 9-11, Hungary.

Kerntechnik (Germany)
Kerntechnik Carl Hanser Verlag, P.O.Box 86 04 02, 81631 Munchen, Germany.

Key Eng. Mater. (Switzerland)
Key Engineering Materials Trans Tech Publications, P.O.Box 10, CH-4714 Aedermannsdorf, Switzerland.

Kibern. Sist. Anal. (Ukraine)
Kibernetika i Sistemnyi Analiz [English translation in: *Cybern. Syst. Anal. (USA)*] Ukrainian Academy of Sciences, Cybernetics Institute, Kiev, Ukraine.
INSPEC coverage is from English translation

Kibern. Vychisl. Tekh. (Ukraine)
Kibernetika i Vychislitel'naya Tekhnika [English translation in: *Cybern. Comput. Technol. (USA)*] Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.
INSPEC coverage is from English translation

Kikai Gijutsu Kenkyusho Shiryo (Japan)
Kikai Gijutsu Kenkyusho Shiryo Mechanical Enginering Laboratory, Namiki, Sekura-mura, Niihari-gun, Ibaraki 305, Japan.

Kinematics Phys. Celest. Bodies (USA)
Kinematics and Physics of Celestial Bodies [Translation of: *Kinematika Fiz. Nebesnykh Tel (Ukraine)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Kinematika Fiz. Nebesnykh Tel (Ukraine)
Kinematika i Fizika Nebesnykh Tel [English translation in: *Kinematics Phys. Celest. Bodies (USA)*] Izdatel'stvo 'Naukova Dumka', 252601 Kiev GSP, Repina 3, Ukraine.

Kn. Inf. (Slovakia)
Kniznice a Informacie Vydava Matica Slovenska, 036 52 Martin, ul. Mudronova 26, Slovakia.

Knowl. Acquis. (UK)
Knowledge Acquisition Academic Press Ltd., 24-28 Oval Road, London NW1 7DX, UK.
Merged into International Journal of Human-Computer Studies

Knowl.-Based Syst. (UK)
Knowledge-Based Systems Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Knowl. Eng. Rev. (UK)
Knowledge Engineering Review Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK.

Knowl. Organ. (Germany)
Knowledge Organization Indeks Verlag, Woogstrasse 36a, D-6000 Frankfurt 50, Germany.

Koezl. M. Tud. Akad. Musz. Fiz. Kut. Intez. (Hungary)
Koezlemenyei Magyar Tudomanyos Akademia Muszaki Fizikai Kutato Intezetenek Hungarian Academy of Sciences, Research Institute for Technical Physics, Budapest, Ujpest 1, P.O. Box 76, Hungary.

Kompleksni Sist. Upr. (Bulgaria)
Kompleksni Sistemi za Upravlenie Bulgarian Academy of Sciences, Central Laboratory for Control Systems, 1113 Sofia, Acad. G. Benchev Street Bl. 107, P.O.Box 97, Bulgaria.

Korea Inf. Sci. Soc. Rev. (South Korea)
Korea Information Science Society Review Seocho-gu, Bangbae 3 dong 984-1, Seoul, South Korea.

Kosm. Issled. (Russia)
Kosmicheskie Issledovaniya [English translation in: *Cosm. Res. (USA)*] Izdatel'stvo 'Nauka', 103717 Moskva, Podsosenskii 21, Russia.
INSPEC coverage is from English translation

Kov. Mater. (Slovakia)
Kovove Materialy [English translation in: *Met. Mater. (UK)*] Vydavatel'stvo Slovenskej Akademie Vied, Bratislava, Klemensova 19, Slovakia.
INSPEC coverage since vol.22, no.2 (1984) is from English translation

Kratk. Soobshch. Fiz. (Russia)
Kratkie Soobshcheniya po Fizike [English translation in: *Bull. Lebedev Phys. Inst. (USA)*] Editorial address: 11733, Moskva B-333, Leninskii Prospekt 53, Russia.
INSPEC coverage is from English translation

Kristallografiya (Russia)
Kristallografiya [English translation in: *Crystallogr. Rep. (Russia)*] Rossiiskaya Akademiya Nauk, 117333 Moskva B-333, Leninski Prospekt 59, Russia.
INSPEC coverage is from English translation

Kumamoto J. Math. (Japan)
Kumamoto Journal of Mathematics Department of Mathematics, Faculty of Science, Kumamoto University, Kumamoto 860, Japan.

Kuwait J. Sci. Eng. (Kuwait)
Kuwait Journal of Science & Engineering Academic Publication Council of Kuwait University, P.O.Box 17225, Khaldiyah 72453, Kuwait.

Kvantovaya Elektron. Kiev (Ukraine)
Kvantovaya Elektronika, Kiev Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.

Kvantovaya Elektron. Mosk. (Russia)
Kvantovaya Elektronika, Moskva [English translation in: *Quantum Electron. (UK)*] Sovetskoe Radio, Moskva, Glavpochtamt, p/ya 693, Russia.
INSPEC coverage is from English translation

Kwart. Elektron. Telekomun. (Poland)
Kwartalnik Elektroniki i Telekomunikacji Wydawnictwo Naukowe PWN, ul. Miodowa 10, 00-251 Warsaw, Poland.

Kybernetes (UK)
Kybernetes MCB University Press Ltd., 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Kybernetika (Czech Republic)
Kybernetika Institute of Information Theory and Automation, Academy of Sciences of the Czech Republic, Pod Vodarenskou vezi 4, 182 08 Praha 8, Czech Republic.

Kyushu Denryoku K.K. Sogo Kenkyusho Kenkyu Kiho (Japan)
Kyushu Denryoku K.K. Sogo Kenkyusho Kenkyu Kiho 497-1, Aizo, Shiobaru, Minami-ku, Fukuoka-shi 815, Japan.

Lab. Autom. Inf. Manage. (Netherlands)
Laboratory Automation and Information Management [Formerly: *Chemometr. Intell. Lab. Syst., Lab. Inf. Manage. (Netherlands)*] Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Lab. Robot. Autom. (USA)
Laboratory Robotics and Automation John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

LAN, Lab. Autom. News (USA)
LAN-Laboratory Automation News Association for Laboratory Automation, P.O.Box 168, Charlottesville, VA 22908, USA.

LAN Mag. (UK)
LAN Magazine EMAP Computing, Greater London House, Hampstead Road, London NW1 7QZ, UK.

Lang. Des. (Netherlands)
Languages of Design Elsevier Science Publishers, P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Laser Chem. (UK)
Laser Chemistry [Title changed to: *Laser Chem. (Switzerland)*]

Laser Focus World (USA)
Laser Focus World PennWell Publishing Co., 5th Floor, Ten Tara Boulevard, Nashua, NH 03062-2801, USA.

Laser Mag. (Germany)
Laser Magazin Magazin Verlag Krauel KG, Jagerweg 14, D-31542 Bad Nenndorf, France.

Laser Optoelektron. (Germany)
Laser und Optoelektronik AT-Fachverlag GmbH, Postfach 50 01 80, 70331 Stuttgart, Germany.

Laser Part. Beams (UK)
Laser and Particle Beams Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK.

Laser Phys. (Russia)
Laser Physics MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Laser-Prax. (Germany)
Laser-Praxis Carl Hanser GmbH & Co., Kolbergerstrasse 22, W-8000 Munchen 80, Germany.

Lasers Life Sci. (Switzerland)
Lasers in the Life Sciences Harwood Academic Publishers GmbH, Y-Parc, Chemin de la Sallaz, 1400 Yverdon, Switzerland.

Lasers Optronics (USA)
Lasers & Optronics Gordon Publications Inc., 301 Gibraltar Drive, P.O.Box 650, Morris Plains, NJ 07950-0650, USA.

LASIE (Australia)
LASIE LASIE, c/- STate Library of New South Wales, Macquarie Street, Sydney, NSW 2000, Australia.

Latv. J. Phys. Tech. Sci. (Latvia)
Latvian Journal of Physics and Technical Sciences Latvian Academic Library, Rupniecibas iela 10, Riga LV-1235, Latvia.

Latv. Zinat. Akad. Vestis A, Humanit. Zinat. (Latvia)
Latvijas Zinatnu Akademijas Vestis A Dala (Humanitaras Zinatnes) Latvian Academy of Sciences, 19 Turgeneva Str., Riga 226524 PDP, Latvia.
Supersedes in part Latvijas Zinatnu Akademijas Vestis

Latv. Zinat. Akad. Vestis B, Dabaszinat. (Latvia)
Latvijas Zinatnu Akademijas Vestis B Dala (Dabaszinatnes) [Title changed to: *Proc. Latv. Acad. Sci. B, Nat. Sci. (Latvia)*]

Law Libr. (UK)
Law Librarian Published for the British and Irish Association of Law Librarians by Sweet & Maxwell, South Quay Plaza, 183 Marsh Wall, London E14 9FT, UK.

Law Libr. J. (USA)
Law Library Journal American Association of Law Libraries, 53 West Jackson Boulevard, Chicago, IL 60604, USA.

Law Pract. Manage. (USA)
Law Practice Management American Bar Association, Section of Law Practice Management, 750 N. Lake Shore Drive, Chicago, IL 60611-4497, USA.

Law Technol. J. (UK)
Law Technology Journal CTI Law Technology Centre, University of Warwick, Coventry CV4 7AL, UK.

Learn. Publ. (UK)
Learned Publishing Editorial address: The Association of Learned and Professional Society Publishers, 139 The Ryde, Hatfield, Herts. AL9 5DP, UK.

Leg. Ref. Serv. Q. (USA)
Legal Reference Services Quarterly Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904, USA.

Leonardo (USA)
Leonardo MIT Press, 55 Hayward Street, Cambridge, MA 02142, USA.

Lett. Math. Phys. (Netherlands)
Letters in Mathematical Physics Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Libr. Acquis., Pract. Theory (UK)
Library Acquisitions: Practice and Theory Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Libr. Comput. Syst. Equip. Rev. (USA)
Library Computer Systems and Equipment Review Meckler Corp., 11 Ferry Lane West, Westport, CT 06880, USA.

Libr. Hi Tech (USA)
Library Hi Tech Pierian Press, P.O.Box 1808, Ann Arbor, MI 48106, USA.

Libr. Inf. Sci. (Japan)
Library and Information Science Mita Society of Library and Information Science, c/o School of Library and Information Science, Keio University, Mita, Minato-ku, Tokyo 108, Japan.

Libr. Inf. Sci. Res. (USA)
Library & Information Science Research Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648, USA.

Libr. Q. (USA)
Library Quarterly University of Chicago Press, 5720 S. Woodlawn Avenue, Chicago, IL 60637, USA.

Libr. Resour. Tech. Serv. (USA)
Library Resources & Technical Services American Library Association, Resources and Technical Service Division, 50 E. Huron Street, Chicago, IL 60611, USA.

Libr. Sci. Slant Doc. Inf. Stud. (India)
Library Science with a Slant to Documentation and Information Studies Sarada Ranganathan Endowment for Library Science, c/o Institute of Information Studies, 702 'Upstirs', 42nd Cross, III Block, Rajajinagar, Bangalore 560 010, India.

Libr. Softw. Rev. (USA)
Library Software Review Sage Publications Inc., 2455 Teller Road, Thousand Oaks, CA 91320, USA.

Libr. Technol. (UK)
Library Technology Library Information Technology Centre-LITC, South Bank University, 103 Borough Road, London SE1 0AA, UK.

Libr. Trends (USA)
Library Trends University of Illinois Graduate School of Library and Information Science, 249 Armory Building, 505 East Armory Street, Champaign, IL 61820, USA.

Lichtbogen (Germany)
Der Lichtbogen Chemische Werke Huls AG, 4370 Marl, Kreis Recklinghausen, Germany.

Liet. Fiz. Z. (Lithuania)
Lietuvos Fizikos Zurnalas [English translation in: *Lith. Phys. J. (USA)*] Academia, A. Gostauto 12, 2600 Vilnius, Lithuania.
INSPEC coverage is from English translation

Lifetime Data Anal. (Netherlands)
Lifetime Data Analysis Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Light. Equip. News (UK)
Lighting Equipment News EMAP Maclaren Ltd., Maclean Hunter House, Chalk Lane, Cockfosters Road, Barnet, Herts. EN4 0BU, UK.

Light. Res. Technol. (UK)
Lighting Research and Technology Lighting Division, Chartered Institution of Building Services, 222 Balham High Road, London SW12 9BS, UK.

Linc. Lab. J. (USA)
Lincoln Laboratory Journal Lincoln Laboratory, Massachusetts Institute of Technology, 244 Wood Street, Lexington, MA 02173-0073, USA.

Linde Rep. Sci. Technol. (Germany)
Linde Reports on Science and Technology Linde AG, Abraham Lincoln-Strasse 21, Wiesbaden, Germany.

Linear Algebr. Appl. (USA)
Linear Algebra and Its Applications Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Liq. Cryst. (UK)
Liquid Crystals Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.

LISP Symb. Comput. (Netherlands)
LISP and Symbolic Computation Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Lit. Linguist. Comput. (UK)
Literary & Linguistic Computing Oxford University Press, Walton Street, Oxford OX2 6DP, UK.

Lith. Phys. J. (USA)
Lithuanian Physics Journal [Translation of: *Liet. Fiz. Z. (Lithuania)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Ljuskultur (Sweden)
Ljuskultur Ljuskultur, P.O.Box 5512, 114 85 Stockholm, Sweden.

Locat. Sci. (UK)
Location Science Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxon OX5 1GB, UK.

Logist. Inf. Manage. (UK)
Logistics Information Management MBC University Press Ltd., 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Low Temp. Phys. (USA)
Low Temperature Physics [Formerly: *Sov. J. Low Temp. Phys. (USA)*; Translation of: *Fiz. Nizk. Temp. (Ukraine)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Low Temp. Sci. A, Phys. Sci. (Japan)
Low Temperature Science, Series A (Physical Sciences) Institute of Low Temperature Science, Hokkaido University, Sapporo, Japan.

LSE Eng. Bull. (UK)
LSE Engineering Bulletin Laurence, Scott & Electromotors Ltd., P.O.Box 25, Kerrison Road, Norwich NR1 1JD, UK.

Lucas Eng. Rev. (UK)
Lucas Engineering Review Joseph Lucas Ltd., Great King Street, Birmingham B19 2XF, UK.

Lucr. ICPE (Romania)
Lucrarile ICPE Research and Development Institute for Electrical Engineering, Splaiul Unirii nr.313, Sector 3, 74204 Bucuresti, Romania.

Lunar Planet. Inf. Bull. (USA)
Lunar & Planetary Information Bulletin Universities Space Research Association, Lunar and Planetary Institute, 3600 Bay Area Boulevard, Houston, TX 77058-1113, USA.

M Comput. (USA)
M Computing M Technology Association, Suite 205, 1738 Elton Road, Silver Spring, MD 20903, USA.

M. Geofiz. (Hungary)
Magyar Geofizika Eotvos Lorand Geofizikai Intezet, 1145 Budapest, Kolumbusz ul. 17-23, Hungary.

Mach. Des. Int. (USA)
Machine Design International Penton Publishing Inc., 1100 Superior Avenue, Cleveland, OH 44114-2543, USA.

Mach. Learn. (Netherlands)
Machine Learning Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Mach.-Mediat. Learn. (UK)
Machine-Mediated Learning Taylor & Francis Ltd., 4 John Street, London WC1N 2ET, UK.

Mach. Transl. (Netherlands)
Machine Translation Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Mach. Vis. Appl. (USA)
Machine Vision and Applications Springer-Verlag New York Inc., 175 Fifth Avenue, New York, NY 10010, USA.

Macromol. Rev. (USA)
Macromolecular Reviews John Wiley & Son Inc., 605 Third Avenue, New York, NY 10016, USA.

Macromol. Theory Simul. (Germany)
Macromolecular Theory and Simulations Huthig & Wepf Verlag, Im Weiher 10, D-69121 Heidelberg, Germany.

Magn. Gidrodin. (Latvia)
Magnitnaya Gidrodinamika [English translation in: *Magnetohydrodynamics (USA)*] Akademiya Nauk Latviiskoi SSR, 'Zinatne', ul Smilshu 1, Riga 47, Latvia.
INSPEC coverage is from English translation

Magn. Reson. Imaging (USA)
Magnetic Resonance Imaging Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

Magn. Reson. Mater. Phys. Biol. Med. (UK)
Magnetic Resonance Materials in Physics, Biology, and Medicine Chapman & Hall, 2-6 Boundary Row, London SE1 8HN, UK.

Magn. Reson. Med. (USA)
Magnetic Resonance in Medicine Williams & Wilkins, 351 West Camden Street, Baltimore, MD 21201-2436, USA.

Magn. Reson. Q. (USA)
Magnetic Resonance Quarterly Raven Press, 1185 Avenue of the Americas, New York, NY 10036, USA.

Magn. Reson. Rev. (UK)
Magnetic Resonance Review Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, UK.

Magnetohydrodynamics (USA)
Magnetohydrodynamics [Translation of: *Magn. Gidrodin. (Latvia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Malaysian J. Comput. Sci. (Malaysia)
Malaysian Journal of Computer Science Faculty of Computer Science and Information Technology, University of Malaya, 59100 Kuala Lumpur, Malaysia.

M.A.N. Res. Eng. Manuf. (Germany)
M.A.N. Research Engineering Manufacturing Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft, W 89 Augsburg, Germany.

Manag. Account. (UK)
Management Accounting Chartered Institute of Management Accountants, 63 Portland Place, London W1N 4AB, UK.

Manag. Inf. (UK)
Managing Information Aslib, Information House, 20-24 Old Street, London EC1V 9AP, UK.

Manag. Off. Technol. Mag. (USA)
Managing Office Technology Magazine Penton Publishing Inc., 1100 Superior Avenue, Cleveland, OH 44114-2543, USA.

Manag. Syst. Dev. (USA)
Managing System Development Applied Computer Research Inc., P.O.Box 82266, Phoenix, AZ 85071-2266, USA.

Manag. Technol. (UK)
Management and Technology Pira International Ltd., Randalls Road, Leatherhead, Surrey KT22 7RU, UK.

Manage. Account. (USA)
Management Accounting Institute of Management Accountants, 10 Paragon Drive, Montvale, NJ 07645-1760, USA.

Manage. Autom. (USA)
Managing Automation Thomas Publishing Co., 5 Penn Plaza, New York, NY 10001, USA.

Manage. Decis. (UK)
Management Decision MCB University Press Ltd., 60/62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Manage. Sci. (USA)
Management Science Institute for Operations Research and the Management Sciences, 940-|A Elkridge Landing Road, Linthicum, MD 21090-2909, USA.

Manage. Serv. (UK)
Management Services Institute of Management Services, 1 Cecil Court, London Road, Enfield, Middx EN2 6DD, UK.

Manual (UK)
The Manual Profile Technical Communications, The Derwent Business Centre, Clarke Street, Derby DE1 2BU, UK.

Manuf. Chem. (UK)
Manufacturing Chemist Miller Freeman Technical Ltd., 30 Calderwood Street, London SE18 6QH, UK.

Manuf. Comput. Solut. (UK)
Manufacturing Computer Solutions [Formerly: *Eng. Comput. (UK)*] Findlay Publications Ltd., Hadlow House, 9 High Street, Green St. Green, Orpington, Kent BR6 6BG, UK.

Manuf. Eng. (UK)
Manufacturing Engineer Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK.

Manuf. Manag. (Poland)
Manufacturing Management Technical University Press, 50 Podgorna Str., 65-246 Zielona Gora, Poland.

Manuf. Rev. (USA)
Manufacturing Review American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Manuf. Technol. Manag. (India)
Manufacturing Technology & Management Indian Institution of Production Engineers, 16 Park Road, Bangalore 560 051, India.

Mar. Geophys. Res. (Netherlands)
Marine Geophysical Researches Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Mar. Pet. Geol. (UK)
Marine and Petroleum Geology Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Mark. News (USA)
Marketing News International Headquarters of the American Marketing Association, Suite 200, 250 S. Wacker Drive, Chicago, IL 60606, USA.

Marketing (UK)
Marketing Haymarket Business Publications Ltd., 30 Lancaster Gate, London W2 3LP, UK.

Mat.-Fys. Medd. K. Dan. Vidensk. Selsk. (Denmark)
Matematisk-Fysiske Meddelelser Konglige Danske Videnskabernes Selskab Royal Danish Academy of Sciences, H.C. Andersen Boulevard 35, DK-1553 Copenhagen V, Denmark.

Mater. Charact. (USA)
Materials Characterization Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Mater. Chem. Phys. (Switzerland)
Materials Chemistry and Physics Elsevier Sequoia S.A., P.O.Box 564, CH-1001 Lausanne 1, Switzerland.

Mater. Corros. (Germany)
Materials and Corrosion [Formerly: *Werkst. Korros. (Germany)*] VCH Verlagsgesellschaft mbH, Postfach 10 11 61, D-69451 Weinheim, Germany.

Mater. Des. (UK)
Materials & Design Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Mater. Eval. (USA)
Materials Evaluation American Society of Nondestructive Testing, 1711 Arlington Lane, P.O.Box 28518, Columbus, OH 43228-0518, USA.

Mater. Forum (Australia)
Materials Forum Published for the Institute of Metals and Materials Australasia Ltd. in association with the Australian Ceramic Society and the Australian Chemical Institute Solid State Division by Blackwell Scientific Publications, 107 Barry Street, P.O.Box 378, Carlton, Vic. 3053, Australia.
From 1987 to 1988 published under the title Materials Forum (Switzerland)

Mater. High Temp. (UK)
Materials at High Temperatures Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Mater. Lett. (Netherlands)
Materials Letters Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Mater. Manuf. Process. (USA)
Materials and Manufacturing Processes Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Mater. Res. Bull. (USA)
Materials Research Bulletin Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

Mater. Sci. (Poland)
Materials Science Wydawnictwo Politechniki Wroclawskiej, Wybreze Wyspianskiego 27, 50-370 Wroclaw, Poland.

Mater. Sci. Eng. A, Struct. Mater., Prop. Microstruct. Process. (Switzerland)
Materials Science & Engineering A (Structural Materials: Properties, Microstructure and Processing) Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.
Supersedes in part: Materials Science & Engineering

Mater. Sci. Eng. B, Solid-State Mater. Adv. Technol. (Switzerland)
Materials Science & Engineering B (Solid-State Materials for Advanced Technology) Elsevier Sequoia S.A., P.O. Box 564, 1001 Lausanne 1, Switzerland.
Supersedes in part: Materials Science & Engineering

Mater. Sci. Eng. C, Biomimetic Mater. Sens. Syst. (Switzerland)
Materials Science & Engineering C: Biomimetic Materials, Sensors and Systems Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.

Mater. Sci. Eng. R Rep. (Switzerland)
Materials Science & Engineering R: Reports Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.

Mater. Sci. Forum (Switzerland)
Materials Science Forum Trans Tech Publications, Journal Department, P.O.Box 10, CH-4711 Aedermannsdorf, Switzerland.
Journal not covered from 1985-1993

Mater. Sci. Res. Int. (Japan)
Materials Science Research International Society of Materials Science Japan, Yoshida Izumidono-sho 1-101, Sakyo-ku, Kyoto 606, Japan.

Mater. Sci. Technol. (UK)
Materials Science and Technology Institute of Materials, 1 Carlton House Terrace, London SW1Y 5DB, UK.

Mater. Trans. JIM (Japan)
Materials Transactions, JIM Japan Institute of Metals, Aoba Aramaki, Aoba-ku, Sendai-shi, Miyagi 980, Japan.

Materialpruefung (Germany)
Materialpruefung Carl Hanser Verlag, Postfach 86 04 20, D-81631 Munchen, Germany.

Mater.wiss. Werkst.tech. (Germany)
Materialwissenschaft und Werkstofftechnik VCH Verlagsgesellschaft mbH, Postfach 10 11 61, W-6940 Weinheim, Germany.

Math. Balk. (Serbia)
Mathematica Balkanica Beograd, pp 550, Studentski trg 16, Serbia.

Math. Biosci. (USA)
Mathematical Biosciences Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Math. Comput. (USA)
Mathematics of Computation American Mathematical Society, P.O.Box 6248, Providence, RI 02904-2213, USA.
Electronic version available via World Wide Web at URL http://www.ams.org/publications/

Math. Comput. Educ. (USA)
Mathematics and Computer Education Mathematics and Computer Education, P.O.Box 158, Old Bethpage, NY 11804, USA.

Math. Comput. Model. (UK)
Mathematical and Computer Modelling Elsevier Science Ltd., Bampfylde Street, Exeter EX1 2AH, UK.

Math. Comput. Simul. (Netherlands)
Mathematics and Computers in Simulation Elsevier Science B.V., P.O.Box 1991, 1000 BZ Amsterdam, Netherlands.

Math. Control Signals Syst. (UK)
Mathematics of Control, Signals and Systems [Formerly: *Math. Control Signals Syst. (USA)*] Springer-Verlag London Ltd., Sweetapple House, Catteshall Road, Godalming, Surrey GU7 3DJ, UK.

Math. Control Signals Syst. (USA)
Mathematics of Control, Signals, and Systems [Title changed to: *Math. Control Signals Syst. (UK)*]

Math. J. Toyama Univ. (Japan)
Mathematics Journal of Toyama University Department of Mathematics, Faculty of Science, Toyama University, Gofuku, Toyama 930, Japan.

Math. Log. Q. (Germany)
Mathematical Logic Quarterly Barth Verlagsgesellschaft mbH, Im Weiher 10, D-69121 Heidelberg, Germany.

Math. Mech. Solids (USA)
Mathematics and Mechanics of Solids Sage Science Press, P.O.Box 5084, Thousand Oaks, CA 91359, USA.

Math. Methods Appl. Sci. (UK)
Mathematical Methods in the Applied Sciences John Wiley & Sons Ltd., Baffins Lane, Chihcester, West Sussex PO19 1UD, UK.

Math. Methods Oper. Res. (Germany)
Mathematical Methods of Operations Research Physica-Verlag, Tiergartenstrasse 17, 69121 Heidelberg, Germany.

Math. Model. Numer. Anal. (France)
Mathematical Modelling and Numerical Analysis Gauthier-Villars, 5 rue Laromiguiere, 75005 Paris, France.

Math. Model. Syst. (Netherlands)
Mathematical Modelling of Systems Swets & Zeitlinger, P.O.Box 825, 2160 SZ Lisse, Netherlands.

Math. Models Methods Appl. Sci. (Singapore)
Mathematical Models & Methods in Applied Sciences World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 912805, Singapore.

Math. Numer. Sin. (China)
Mathematica Numerica Sinica Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Math. Oper. Res. (USA)
Mathematics of Operations Research Institute for Operations Research and the Management Sciences, 940-A Elkridge Landing, Road, Linthicum, MD 21090-2909, USA.

Math. Proc. Camb. Philos. Soc. (UK)
Mathematical Proceedings of the Cambridge Philosophical Society Cambridge University Press, The Pitt Building, Trumpington Street, Cambridge CB2 1RP, UK.

Math. Slovaca (Slovakia)
Mathematica Slovaca Mathematical Institute of the Slovak Academy of Sciences, Stefanikova 49, SK-814 73 Bratislava, Slovakia.

Math. Soc. Sci. (Netherlands)
Mathematical Social Sciences Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Math. Spectr. (UK)
Mathematical Spectrum Applied Probability Trust. Editorial address: Hicks Building, The University, Sheffield, S3 7RH, UK.

Math. Struct. Comput. Sci. (UK)
Mathematical Structures in Computer Science Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK.

Math. Syst. Theory (USA)
Mathematical Systems Theory Springer Verlag New York, 175 Fifth Avenue, New York, NY 10010, USA.

Matsushita Electr. Works Tech. Rep. (Japan)
Matsushita Electric Works Technical Report [Title changed to: *MEW Tech. Rep. (Japan)*]

Mausam (India)
Mausam India Meteorological Department. Publication address: Controller of Publications, Civil Lines, Delhi-110054, India.

Maxim Eng. J. (UK)
Maxim Engineering Journal Maxim Integrated Products (U.K.) Ltd., Unit 3, Theale Technology Centre, Station Road, Theale, Berks. RG7 4XX, UK.

M.D. Comput. (USA)
M.D. Computing Springer-Verlag New York Inc., 175 Fifth Avenue, New York, NY 10010, USA.

Meas. Control (UK)
Measurement and Control Institute of Measurement & Control, 87 Gower Street, London WC1E 6AA, UK.

Meas. Sci. Technol. (UK)
Measurement Science & Technology IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Meas. Tech. (USA)
Measurement Techniques [Translation of: *Izmer. Tekh. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Measurement (Netherlands)
Measurement Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Meccanica (Netherlands)
Meccanica Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Mech. Autom. Adm. (Czech Republic)
Mechanizace Automatizace Administrativy SNTL, 113 02 Praha 1, Spalena 51, Czech Republic.

Mech. Compos. Mater. (USA)
Mechanics of Composite Materials [Translation of: *Mekh. Kompoz. Mater. (Latvia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Mech. Compos. Mater. Struct. (UK)
Mechanics of Composite Materials and Structures John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Mech. Eng. Bull. (India)
Mechanical Engineering Bulletin Central Mechanical Engineering Research Institute, Durgapur 713209, India.

Mech. Inc. Eng. (UK)
Mechanical Incorporated Engineer Institution of Mechanical Incorporated Engineers, 3 Birdcage Walk, London SW1H 9JN, UK.

Mech. Mater. (Netherlands)
Mechanics of Materials Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Mech. Res. Commun. (UK)
Mechanics Research Communications Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Mech. Solids (USA)
Mechanics of Solids [Translation of: *Mekh. Tverd. Tela (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Mech. Struct. Mach. (USA)
Mechanics of Structures and Machines Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Mech. Syst. Signal Process. (UK)
Mechanical Systems and Signal Processing Academic Press Ltd., 24-28 Oval Road, London NW1 7DX, UK.

Mech. Teor. Stosow. (Poland)
Mechanika Teoretyczna i Stosowana Editorial address: Wydz. Inzynierii Ladowej PW, Al Armii Ludowej 16, p. 706, 00-632 Warszawa, Poland.

Mechatronics (UK)
Mechatronics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Med. Biol. Eng. Comput. (UK)
Medical & Biological Engineering & Computing Peter Peregrinus Ltd., Michael Faraday House, Six Hills Way, Stevenage, Herts. SG1 2AY, UK.

Med. Eng. Phys. (UK)
Medical Engineering & Physics Elsvier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Med. Imaging Technol. (Japan)
Medical Imaging Technology Japanese Society of Medical Imaging Technology, c/o JMCP, Kitaotemachi Bilding 7-6, Uchikanda 1-Chome, Chiyoda-ku, Tokyo 101, Japan.

Med. Inform. (UK)
Medical Informatics Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.

Med. Nucl. (France)
Medecine Nucleaire Editions Scientifiques Elsevier, 29 rue Buffon, F-75005 Paris, France.

Med. Phys. (USA)
Medical Physics Published for the American Association of Physicists in Medicine by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Med. Phys. Bull. (India)
Medical Physics Bulletin Association of Medical Physicists of India, c/o Division of Radiological Protection, Bhaba Atomic Research Centre, Bombay 400 085, India.

Med. Prog. Through Technol. (Netherlands)
Medical Progress Through Technology Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Med. Radiol. Radiatsionnaya Bezolasnost' (Russia)
Meditsinskaya Radiologiya i Radiatsionnaya Bezolasnost' Editorial address: 115478 Moskva, Kashirskoe Shosse 24, Russia.

Med. Ref. Serv. Q. (USA)
Medical Reference Services Quarterly Haworth Press Inc., 75 Griswold Street, Binghampton, NY 13904, USA.

Med. Tekh. (Russia)
Meditsinskaya Tekhnika [English translation in: *Biomed. Eng. (USA)*] Editorial address: All-Union Scientific-Research Institute of Medical Instruments, Moscow, Russia.
INSPEC coverage is from English translation

Meded. K. Acad. Wet. Lett. Schone Kunsten Belg. (Belgium)
Mededelingen van de Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten van Belgie Paleis der Academien, Hertogsstraat 1, B-1000 Bruxelles, Belgium.

Media Methods (USA)
Media and Methods American Society for Educators, 1429 Walnut Street, Philadelphia, PA 19102, USA.

Medicamundi (Netherlands)
Medicamundi Philips Medical Systems, P.O.Box 10 000, 5680 DA Best, Netherlands.

MegaLink (Switzerland)
MegaLink AT Zeitschriftenverlag, Bahnhofstrasse 39-43, 5001 Aarau, Switzerland.

Mehran Univ. Res. J. Eng. Technol. (Pakistan)
Mehran University Research Journal of Engineering and Technology Jamshoro, Sind, Pakistan.

Meiden Rev. (Int. Ed.) (Japan)
Meiden Review (International Edition) Meidensha Corp., Riverside Building, 36-2 Nihonbashi Hakozakicho, Chuo-ku, Tokyo 103, Japan.

Mekh. Kompoz. Mater. (Latvia)
Mekhnika Kompozitnykh Materialov [English translation in: *Mech. Compos. Mater. (USA)*] Latvian Academy of Sciences, Riga, Latvia.
INSPEC coverage is from English translation

Mekh. Tverd. Tela (Russia)
Mekhanika Tverdogo Tela [Formerly: *Izv. Akad. Nauk SSSR Mekh. Tverd. Tela (Russia)*; English translation in: *Mech. Solids (USA)*] Rossiiskaya Akademiya Nauk, 117526 Moskva, Prospekt Vernadskogo d. 101, Russia.
INSPEC coverage is from English translation

Mekh. Zhidk. Gaza (Russia)
Mekhanika Zhidkosti i Gaza [Formerly: *Izv. Akad. Nauk SSSR Mekh. Zhidk. Gaza (Russia)*; English translation in: *Fluid Dyn. (USA)*] Rossiiskaya Akademiya Nauk, 117526 Moskva V-526, Prospekt Vernadskogo 101, Russia.
INSPEC coverage is from English translation

Mem. Cl. Sci. Acad. R. Belg., Collect. in-8 (Belgium)
Memoires de la Classe des Sciences de l'Academie Royal de Belgique. Collection in in-8 Palais des Academies, Rue Ducale 1, Bruxelles, Belgium.

Mem. Coll. Eng. Chubu Univ. (Japan)
Memoirs of College of Engineering, Chubu University Kasugai, Aichi 487, Japan.

Mem. Fac. Eng. Des. Kyoto Inst. Technol. Ser. Sci. Technol. (Japan)
Memoirs of the Faculty of Engineering and Design Kyoto Institute of Technology, Series of Science and Technology Matsugasaki, Sakyo-ku, Kyoto 606, Japan.

Mem. Fac. Eng. Fukui Univ. (Japan)
Memoirs of the Faculty of Engineering, Fukui University 3-9-1 Bunkyo, Fukui-shi, Fukui 910, Japan.

Mem. Fac. Eng. Hiroshima Univ. (Japan)
Memoirs of the Faculty of Engineering, Hiroshima University 3-chome Sendamachi, Hiroshima City, Japan.

Mem. Fac. Eng. Hokkaido Univ. (Japan)
Memoirs of the Faculty of Engineering, Hokkaido University North 12, West 8, Sapporo, Japan.

Mem. Fac. Eng. Kobe Univ. (Japan)
Memoirs of the Faculty of Engineering, Kobe University Rokkodai-cho, Nada-ku, Kobe, Japan.

Mem. Fac. Eng. Kumamoto Univ. (Japan)
Memoirs of the Faculty of Engineering, Kumamoto University University of Kumamoto, Faculty of Engineering, Kumamoto, Japan.

Mem. Fac. Eng. Kyushu Univ. (Japan)
Memoirs of the Faculty of Engineering, Kyushu University Dean of the Faculty of Engineering, Kuyshu University 36, 6-10-1 Hakozaki, Higashi-ku, Fukuoka 812, Japan.

Mem. Fac. Eng. Miyazaki Univ. (Japan)
Memoirs of the Faculty of Engineering, Miyazaki University Library of Miyazaki University, Sanko chosa-gakari, 1-1-1 banchi, Gakuenkibanadai-nishi, Miyazaki-City, Miyazaki 889-21, Japan.

Mem. Fac. Eng. Osaka City Univ. (Japan)
Memoirs of the Faculty of Engineering, Osaka City University Dean of the Faculty of Engineering, Osaka City Univesity, 3-138 Sugimoto 3-chome, Sumiyoshi-ku, Osaka 558, Japan.

Mem. Fac. Sci. Kyoto Univ. Ser. Phys. Astrophys. Geophys. Chem. (Japan)
Memoirs of the Faculty of Science, Kyoto University, Series of Physics, Astrophysics, Geophysics and Chemistry Kitashirakawa, Sakyo Ku, Kyoto, Japan.

Mem. Fac. Sci. Kyushu Univ. B (Japan)
Memoirs of the Faculty of Science, Kyushu University, Series B Fukuoka, Kyushu, Japan.

Mem. Fac. Sci. Kyushu Univ. C (Japan)
Memoirs of the Faculty of Science, Kyushu University, Series C Fukuoka, Kyushu, Japan.

Mem. Hokkaido Inst. Technol. (Japan)
Memoirs of the Hokkaido Institute of Technology 419-2 Maeda Teine, Nishi-ku, Sapporo, Hokkaido 061-24, Japan.

Mem. Inst. Sci. Eng. Ritsumeikan Univ. (Japan)
Memoirs of the Institute of Science & Engineering, Ritsumeikan University Kusatsu, Japan.

Mem. Kitami Inst. Technol. (Japan)
Memoirs of the Kitami Institute of Technology Kitami Institute of Tehnology, 165 Kouen-Cho, Kitami-Shi, Hokkaido, Japan.

Mem. Natl. Def. Acad. (Japan)
Memoirs of the National Defense Academy 1-10-20 Hashirimizu, Yokosuka 239, Japan.

Mem. Sch. Eng. Nagoya Univ. (Japan)
Memoirs of the School of Engineering, Nagoya University Dean of the School of Engineering, Nagoya University, Furo-cho Chikusa-ku, Nagoya 464-01, Japan.

Mem. Sch. Eng. Okayama Univ. (Japan)
Memoirs of the School of Engineering, Okayama University Tsushima, Okayama, Japan.

Mem. Sch. Sci. Eng. Waseda Univ. (Japan)
Memoirs of the School of Science & Engineering, Waseda University 3-4-1 Okubo, Shinjuku-ku, Tokyo 160, Japan.

Mem. Sect. Stiint. IV (Romania)
Memoriile Sectiilor Stiintifice, Seria IV Editura Academiei Romane, 6600 Iasi, Bdul Copou 8, Romania.

Mem. Soc. Astron. Ital. (Italy)
Memorie della Societa Astronomica Italiana Osservatorio Astronomico di Brera, Via Brera 28, 20121 Milano, Italy.

Mem. Tokohu Inst. Technol. I, Sci. Eng. (Japan)
Memoirs of the Tohoku Institute of Technology, Series I (Science and Engineering) 35-1 Yagiyama-Kasumicho, Tahaku-ku, Sendai-shi, Miyagi 982, Japan.

Mer. Regul. (Czech Republic)
Mereni a Regulace Research Institute for Automation Systems Pluku 12a, Praha 8-Karlin, Czech Republic.

Met. Mater. (UK)
Metallic Materials [Translation of: *Kov. Mater. (Slovakia)*] Riecansky Science Publishing Co., 7 Meadow Walk, Great Abington, Cambridge CB1 6AZ, UK.

Met. Sci. Heat Treat. (USA)
Metal Science and Heat Treatment [Translation of: *Metalloved. Term. Obrab. Met. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Metal. Electr. (Spain)
Metalurgia y Electricidad Antonio Gonzalez Porras 35-37 - 2, 28019-Madrid, Spain.

Metall. Mater. Trans. A, Phys. Metall. Mater. Sci. (USA)
Metallurgical and Materials Transactions A (Physical Metallurgy and Materials Science) Minerals, Metals & Materials Society (TMS), 420 Commonwealth Drive, Warrendale, PA 15086, USA.

Metall. Mater. Trans. B, Process Metall. Mater. Process. Sci. (USA)
Metallurgical and Materials Transactions B (Process Metallurgy and Materials Processing Science) Minerals, Metals & Materials Society (TMS), 420 Commonwealth Drive, Warrendale, PA 15086, USA.

Metallofiz. Noveish. Tekhnol. (Ukraine)
Metallofizika i Noveishie Tekhnologii [English translation in: *Phys. Met. (UK)*] Editorial address: Institut Metallofizika AN Ukrainy, 252142 Kiev 142, Prosp. Vernadskogo 36, Ukraine.

Metalloved. Term. Obrab. Met. (Russia)
Metallovedenie i Termicheskaya Obrabotka Metallov [English translation in: *Met. Sci. Heat Treat. (USA)*] Moskva, GSP-110, Prospekt Mira 106, Russia.
INSPEC coverage is from English translation

Metally (Russia)
Metally [Formerly: *Izv. Akad. Nauk SSSR Met. (Russia)*; English translation in: *Russ. Metall. (USA)*] 117334 Moskva V-334, Leninskii Prospekt 49, Komn. 506, Russia.
INSPEC coverage is from English translation

Meteorit. Planet. Sci. (USA)
Meteoritics & Planetary Science Meteoritical Society, University of Arkansas, Department of Chemistry and Biochemistry, Fayetteville, AR 72701, USA.

Meteorol. Atmos. Phys. (Austria)
Meteorology and Atmospheric Physics Springer-Verlag, Sachsenplatz 4-6, P.O.Box 89, A-1201 Wien, Austria.

Meteorol. Gidrol. (Russia)
Meteorologiya i Gidrologiya [English translation in: *Russ. Meteorol. Hydrol. (USA)*] 123376 Moskva, D-376, Bol'shevistskaya Ul., D.13 Komn. 114, Russia.
INSPEC coverage is from English translation

Meteorol. Mag. (UK)
Meteorological Magazine Director General Meteorological Office, London Road, Bracknell, Berks RG12 2SZ, UK.

Meteorol. Z. (Germany)
Meteorologische Zeitschrift Gebruder Borntraeger Verlagsbuchhandlung, Johannesstrasse 3A, D-70176 Stuttgart, Germany.
Formed by merger of Meteorologische Rundschau and Zeitschrift fur Meteorologie

Methods Inf. Med. (Germany)
Methods of Information in Medicine F.K. Schattauer Verlagsgesellschaft GmbH, P.O.Box 104 545, 70040 Stuttgart, Germany.

Methods Logic Comput. Sci. (USA)
Methods of Logic in Computer Science Ablex Publishing Corporation, 355 Chestnut Street, Norwood, NJ 07648, USA, USA.

Metrologia (France)
Metrologia Bureau International des Poids et Mesures, Pavillon de Breteuil, F-92312 Sevres Cedex, France.

MEW Tech. Rep. (Japan)
MEW Technical Report [Formerly: *Matsushita Electr. Works Tech. Rep. (Japan)*] Matsushita Electric Works Ltd., 1048 Oaza Kadoma, Kadoma-shi, Osaka-fu 571, Japan.

Micro (USA)
Micro [Formerly: *Microcontamination (USA)*] Canon Communications Inc., 3340 Ocean Park Boulevard, Ste. 1000, Santa Monica, CA 90405, USA.

Micro Comput. Colleg (Germany)
Micro Computer Colleg Bertelsmann Fachzeitschriften GmbH, Neumarkter Strasse 18, 8000 Munchen 80, Germany.

Microcomput. Appl. (USA)
Microcomputer Applications ISMM, P.O.Box 2481, CA 92814-2481, USA.

Microcomput. Civ. Eng. (USA)
Microcomputers in Civil Engineering Blackwell Publishers Inc., 238 Main Steet, Cambridge, MA 02142, USA.

Microcomput. Inf. Manage. (USA)
Microcomputers for Information Management Ablex Publishing Corp., 355 Chestnut Street, Norwood, NJ 07648, USA.

Microcontamination (USA)
Microcontamination [Title changed to: *Micro (USA)*]

Microelectron. Eng. (Netherlands)
Microelectronic Engineering Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Microelectron. Int. (UK)
Microelectronics International [Formerly: *Hybrid Circuits (UK)*] Wela Publications Ltd., Asahi House, 10 Church Road, Port Erin, Isle of Man, UK.

Microelectron. J. (UK)
Microelectronics Journal Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Microelectron. Reliab. (UK)
Microelectronics and Reliability Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Microform Imaging Rev. (Germany)
Microform & Imaging Review K.G. Saur, Ortlerstrasse 8, D-81373 Munich, Germany.

Microgr. Mark. Place (UK)
Micrographics Market Place Themeprint Ltd., 65 Winchester Drive, Burbage, Leics. LE10 2BA, UK.

Microgravity Sci. Technol. (Germany)
Microgravity Science and Technology Carl Hanser Verlag, P.O.Box 86 04 20, D-81631 Munich, Germany.

Microlithogr. World (USA)
Microlithography World PennWell Publishing Co., 1421 S. Sheridan Road, Tulsa, OK 74112, USA.

Microprocess. Microsyst. (UK)
Microprocessors and Microsystems Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Microsc. Microanal. Microstruct. (France)
Microscopy, Microanalysis, Microstructures Les Edition de Physique, Avenue du Hoggar, Z.I. de Courtaboeuf, B.P. 112, 91944 Les Ulis Cedex A, France.

Microscope (USA)
Microscope McCrone Research Institute Inc., 2820 Michigan Avenue, Chicago, IL 60616-3292, USA.

Microtecnic (Switzerland)
Microtecnic Agifa Verlag AG, Bruggacherstrasse 26, CH-8117 Fallanden, Switzerland.

Microw. Eng. Eur. (UK)
Microwave Engineering Europe Miller Freeman Technical Ltd., Miller Freeman House, 30 Calderwood Street, Woolwich, London SE18 6QH, UK.

Microw. J. Euro-Global Ed. (USA)
Microwave Journal, Euro-Global Edition Horizon House Publications Inc., 685 Canton Street, Norwood, MA 02062, USA.

Microw. Opt. Technol. Lett. (USA)
Microwave and Optical Technology Letters John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Microw. RF (USA)
Microwaves & RF Penton Publishing Inc., 1100 Superior Avenue, Cleveland, OH 44114-2543, USA.

Mikroelektronika (Russia)
Mikroelektronika [English translation in: *Russ. Microelectron. (Russia)*] Akademiya Nauk SSSR, Moskva, Russia.
INSPEC coverage is from English translation

Mikrowellen HF Mag., Telecommun. (Germany)
Mikrowellen & HF Magazin. Telecommunications Sprechsaal Publishing Group, P.O.Box 2962, D-96418 Coburg, Germany.

Min. Sci. Technol. (Netherlands)
Mining Science and Technology Elsevier Science B.V., P.O.Box 211, AE 1000 Amsterdam, Netherlands.

Min. Technol. (UK)
Mining Technology Institution Mining Engineers, Danum House, South Parade, Doncaster DN1 2DY, UK.

Mind Lang. (UK)
Mind and Language Blackwell Publishers Ltd., 108 Cowley Road, Oxford OX4 1JF, UK.

Mind Your Own Bus. (UK)
Mind Your Own Business Market Place Publishing Ltd., Scorpio House, 106 Church Road, London SE19 2UB, UK.

Minds Mach. (Netherlands)
Minds and Machines Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Mini-Micro Syst. (China)
Mini-Micro Systems Distribution address: China International Book Trading Corp., P.O.Box 399, Beijing 100044, China.

Minor Planet Circ./Minor Planets Comets (USA)
Minor Planet Circulars/Minor Planets and Comets Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, USA.

MIS Q. (USA)
MIS Quarterly Carlson School of Management, University of Minnesota, 271 19th Avenue South, Minneapolis, MN 55455, USA.

Mitsubishi Cable Ind. Rev. (Japan)
Mitsubishi Cable Industries Review New Kokusai Building, 3-4-1 Marunouchi, Chiyodaku, Tokyo 100, Japan.

Mitsubishi Denki Giho (Japan)
Mitsubishi Denki Giho Mitsubishi Electric Corp., Mitsubishi Denki Building, Marunouchi, Tokyo 100, Japan.

Mitsubishi Denki Lab. Rep. (Japan)
Mitsubishi Denki Laboratory Reports Research Laboratory, Mitsubishi Electric Manufacturing Company, Amagasaki, Japan.
Publication temporarily suspended

Mitsubishi Electr. Adv. (Japan)
Mitsubishi Electric Advance Mitsubishi Electric Corp., Mitsubishi Denki Building, 2-2-3 Marunouchi, Chiyoda-ku, Tokyo 100, Japan.

Mitsubishi Tech. Bull. (Japan)
Mitsubishi Technical Bulletin Mitsubishi Heavy Industries Ltd., 2-5-1 Marunouchi, Chiyoda-ku, Tokyo 100, Japan.

Mitsui Zosen Tech. Rev. (Japan)
Mitsui Zosen Technical Review Mitsui Engineering & Shipbuilding Co. Ltd., 6-4 Tsukiji 5-chome, Chuo-ku, Tokyo 104, Japan.

Mob. Cell. (UK)
Mobile & Cellular Nexus Media Ltd., Nexus House, Swanley, Kent BR8 8HY, UK.

Mob. Radio Technol. (USA)
Mobile Radio Technology Intertec Publishing Corp., 9800 Metcalf, Overland Park, KS 66212-2215, USA.

Mod. Geol. (UK)
Modern Geology Gordon and Breach Science Publishers Ltd., P.O.Box 90, Reading RG1 8JL, UK.

Mod. Mater. Handl. (USA)
Modern Materials Handling Cahners Publishing Co., 275 Washington Street, Newton, MA 02158, USA.

Mod. Phys. Lett. A (Singapore)
Modern Physics Letters A World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Mod. Phys. Lett. B (Singapore)
Modern Physics Letters B World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 912805, Singapore.

Mod. Power Syst. (UK)
Modern Power Systems Wilmington Publishing Ltd., Wilmington House, Church Hill, Wilmington, Dartford, Kent DA2 7EF, UK.

Model. Identif. Control (Norway)
Modeling, Identification and Control Reserach Council of Norway. c/o MIC, Department of Engineering Cybernetics, N-7034 Trondheim, Norway.

Model. Meas. Control A (France)
Modelling, Measurement & Control A AMSE Press, 16 Avenue de Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

Model. Meas. Control B (France)
Modelling, Measurement & Control B AMSE Press, 16 Avenue de Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

Model. Meas. Control C (France)
Modelling, Measurement & Control C AMSE Press, 16 Avenue de Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

Model. Meas. Control D, Manuf. Manage. Hum. Socio-Econ. Probl. (France)
Modelling, Measurement & Control D (Manufacturing, Management, Human & Socio-Economic Problems) AMSE Press, 16 Avenue Grange Blanche, 69160 Tassin-la-Demi-Lune, France.

Model. Simul. Mater. Sci. Eng. (UK)
Modelling and Simulation in Materials Science and Engineering IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Mol. Cryst. Liq. Cryst. (Switzerland)
Molecular Crystals and Liquid Crystals [Formerly: *Mol. Cryst. Liq. Cryst. (UK)*] Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Mol. Cryst. Liq. Cryst. (UK)
Molecular Crystals and Liquid Crystals [Title changed to: *Mol. Cryst. Liq. Cryst. (Switzerland)*]

Mol. Cryst. Liq. Cryst. Suppl. Ser. (UK)
Molecular Crystals and Liquid Crystals Supplement Series Gordon and Breach Science Publishers Ltd., P.O.Box 90, Reading RG1 8JL, UK.

Mol. Mater. (Switzerland)
Molecular Materials [Formerly: *Mol. Mater. (UK)*] Gordon and Breach Science Publishers SA, Y-Parc, Chemin de la Sallaz, CH-1400 Yverdon, Switzerland.

Mol. Mater. (UK)
Molecular Materials [Title changed to: *Mol. Mater. (Switzerland)*]

Mol. Phys. (UK)
Molecular Physics Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.

Mon. J. Taipower's Eng. (Taiwan)
Monthly Journal of Taipower's Engineering Taiwan Power Company Power Research Institute, 84 Ta-An Road, Shu-Lin, Taipei, Taiwan 238, Taiwan.

Mon. Not. R. Astron. Soc. (UK)
Monthly Notices of the Royal Astronomical Society Published for the Royal Astronomical Society by Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, UK.

Mon. Notes Astron. Soc. South. Afr. (South Africa)
Monthly Notes of the Astronomical Society of Southern Africa Astronomical Society of Southern Africa , P.O. Box 9, Observatory, 7935 Cape, South Africa.

Mon. Weather Rev. (USA)
Monthly Weather Review American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA.

Monitor (Australia)
Monitor IREE Society, Commercial Unit 3, Edgecliff Court, 2 New McLean Street, Edgcliff, Sydney, NSW 2027, Australia.

Monogr. Acad. Cienc. Exactas Fis. Quim. Nat. Zaragoza (Spain)
Monografias de la Academia de Ciencias, Exactas, Fisicas, Quimicas y Naturales, de Zaragoza Zaragoza, Spain.

Mosc. Univ. Comput. Math. Cybern. (USA)
Moscow University Computational Mathematics and Cybernetics [Translation of: *Vestn. Mosk. Univ. 15, Vychisl. Mat. Kibern. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Mosc. Univ. Phys. Bull. (USA)
Moscow University Physics Bulletin [Translation of: *Vestn. Mosk. Univ. 3, Fiz. Astron. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Motorola Tech. Dev. (USA)
Motorola Technical Developments Motorola Inc., Motorola Center, 1303 East Algonquin Road, Schaumburg, IL 60196, USA.

Motorola Tech. Discl. Bull. (USA)
Motorola Technical Disclosure Bulletin Schaumburg, IL 60196, USA.

MRS Bull. (USA)
MRS Bulletin Materials Research Society, 9800 McKnight Road, Suite 327, Pittsburgh, PA 15237, USA.

MSR, Mess. Steuern Regeln (East Germany)
MSR (Messen Steuern Regeln) [Issued with: *Autom.tech. Prax. (Germany)*]

Multidimens. Syst. Signal Process. (Netherlands)
Multidimensional Systems and Signal Processing Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Multilingua (Germany)
Multilingua Mouton de Gruyter, c/o Walter de Gruyter & Co., Postfach 303421, D-10728 Berlin, Germany.

Multimedia Rev. (USA)
Multimedia Review Meckler Corp., 11 Ferry Lane West, Westport, CT 06880, USA.

Multimedia Syst. (Germany)
Multimedia Systems Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Multimedia Tools Appl. (Netherlands)
Multimedia Tools and Applications Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Mundo Electron. (Spain)
Mundo Electronico CETISA/Boixareu Editorews, S.A., Concepcion Arenal 5 entlo. 1, 08027 Barcelona, Spain.

Nachr. Dok. (Germany)
Nachrichten fur Dokumentation Verlag Hoppenstedt GmbH, Postfach 100 139, 64201 Darmstadt, Germany.

Nanostruct. Mater. (USA)
Nanostructured Materials Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

Nanotechnology (UK)
Nanotechnology Institute of Physics, Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Nat. Hazards (Netherlands)
Natural Hazards Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Nat. Lang. Semant. (Netherlands)
Natural Language Semantics Kluwer Academic Publishers Group, P.P. Box 322, 3300 AH Dordrecht, Netherlands.

Natl. Acad. Sci. Lett. (India)
National Academy Science Letters National Academy of Sciences, India, 5-Lajpat Rai Road, Allahabad 21 10 02, India.

Natl. Tech. Rep. (Japan)
National Technical Report Matsushita Electric Industrial Co. Ltd., Moriguchi, Osaka, Japan.

Nature (UK)
Nature Macmillan Magazines Ltd., Porters South, 4-6 Crinan Street, London N1 9XW, UK.
Incorporates Nature (Physical Science)

Nauchno-Tekh. Inf. 1 (Russia)
Nauchno-Tekhnicheskaya Informatsiya, Seriya 1 [English translation of selected articles in: *Sci. Tech. Inf. Process. (USA)*] Editorial address: 125219 Moskva, Ul. Usneviya 20A, Russia.
INSPEC coverage is from English translation from 1995

Nauchno-Tekh. Inf. 2 (Russia)
Nauchno-Tekhnicheskaya Informatsiya, Seriya 2 [English translation of selected articles in: *Autom. Doc. Math. Linguist. (USA)*] Baltiiskaya ul., D 14, 125219 Moskva, Russia.

Nauk. Inform. (Ukraine)
Naukovedenie i Informatika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.

Nav. Eng. J. (USA)
Naval Engineers Journal American Society of Naval Engineers Inc., 1452 Duke Street, Alexandria, VA 22314-3458, USA.

Nav. Res. Logist. (USA)
Naval Research Logistics John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Nav. Res. Rev. (USA)
Naval Research Reviews Department of the Navy, Office of Naval Research, Arlington, VA 22217, USA.

Navig., J. Inst. Navig. (USA)
Navigation. Journal of the Institute of Navigation Institute of Navigation, 1800 Diagonal Road, Suite 480, Alexandria, VA 22314, USA.

Navigation (France)
Navigation Institut Francaise de Navigation, 3 avenue Octave-Greard, 75007 Paris, France.

Navigation (Japan)
Navigation Japan Institute of Navigation, c/o Tokyo University of Mercantile Marine, 1-6, Etchujima 2, Koto-ku, Tokyo 135, Japan.

NDT&E Int. (UK)
NDT&E International Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

NE Sci. (Germany)
NE Science [Issued with: *Nachr.tech. Elektron. (Germany)*]

NEC Res. Dev. (Japan)
NEC Research and Development NEC Creative Ltd., 29-11 Shiba 5-chome, Minato-ku, Tokyo 108, Japan.

NEC Tech. J. (Japan)
NEC Technical Journal Nippon Electric Co. Ltd., 5-29-11 Shiba, Minato-ku, Tokyo 108, Japan.

Ned. Tijdschr. Natuurkd. (Netherlands)
Nederlands Tijdschrift voor Natuurkunde Nederlandse Natuurkundige Vereniging, Postbus 302, 1170 AH Badhoevedorp, Netherlands.
From Feb. 1977 to Dec. 1990 published under the title Nederlands Tijdschrift voor Natuurkunde A and Nederlands Tijdschrift voor Natuurkunde B

Neorg. Mater. (Russia)
Neorganicheskie Materialy [English translation in: *Inorg. Mater. (Russia)*] Russian Academy of Sciences, Moscow, Russia.
INSPEC coverage is from English translation

NET (Germany)
NET Verlag Huthig GmbH, Im Weiher 10, 69121 Heidelberg, Germany.

Netlink (UK)
Netlink Aslib, Association for Information Management, Information House, 26-27 Boswell Street, London WC1N 3JZ, UK.

Netsu Sokutei (Japan)
Netsu Sokutei Japan Society of Calorimetry and Thermal Analysis, Cosmos Hongo Bldg., 4-1-4 Hongo Bunkyo-ku, Tokyo 113, Japan.

Netw. Comput. (UK)
Network Computing Business and Technical Communications, 24 High Street, Beckenham, Kent BR3 1AY, UK.

Netw., Comput. Neural Syst. (UK)
Network: Computation in Neural Systems IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Netw. News (UK)
Network News VNU Business Publications Ltd., 32-34 Broadwick Street, London W1A 2HG, UK.
Formed by merger of Connexion and Network

Netw. Week (UK)
Network Week [Formerly: *Datacom (UK)*] Emap Computing, Greater London House, Hampstead Road, London NW1 7QZ, UK.

Netw. World (Australia)
Network World IDG Communications Pty. Ltd., 88 Christie Street, St. Leonards, NSW 2065, Australia.

Network (UK)
Network VNU Business Publications, VNU House, 32-34 Broadwick Street, London W1E 6QZ, UK.
Merged with Connexion to form Network News

Networks (USA)
Networks John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Neural Comput. (USA)
Neural Computation MIT Press Journals, 55 Hayward Street, Cambridge, MA 02142, USA.

Neural Netw. (USA)
Neural Networks Elsevier Science Ltd., 660 White Plains Road, Tarrytown, NYU 10591-5153, USA.

Neural Netw. World (Czech Republic)
Neural Network World IDG Co., Chechoslovakia, Luzna 2, 160 00 Prague 6, Czech Republic.

Neural Parallel Sci. Comput. (USA)
Neural, Parallel & Scientific Computations Dynamic Publisher Inc., P.O.Box 48654, Atlanta, GA 30362, USA.

Neural Process. Lett. (Netherlands)
Neural Processing Letters Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Neurocomputing (Netherlands)
Neurocomputing Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

New Electron. (UK)
New Electronics Findlay Publications Ltd., Franks Hall, Horton Kirby, Dartford, Kent DA4 9LL, UK.

New Gener. Comput. (Japan)
New Generation Computing Ohmsha Ltd., 1-3 Kanda Nishiki-cho, Chiyoda-ku, Tokyo 101, Japan.

New J. Chem. (France)
New Journal of Chemistry Gauthier-Villars, Journals Department, 15 rue Gossin, 92543 Montrouge Cedex, France.

New Phys. (Korean Phys. Soc.) (South Korea)
New Physics (Korean Physical Society) [Title changed to: *Sae Mulli (South Korea)*]

New Rev. Appl. Expert Syst. (UK)
New Review of Applied Expert Systems Taylor Graham Publishing, 500 Chesham House, 150 Regent Street, London W1R 5FA, UK.

New Rev. Hypermedia Multimedia Appl. Res. (UK)
New Review of Hypermedia and Multimedia, Applications and Research Taylor Graham Publishing, 500 Chesham House, 150 Regent Street, London W1R 5FA, UK.

New Sci. (UK)
New Scientist New Science Publications, IPC Specialist Group, Kings Reach Tower, Stamford Street, London SE1 9LS, UK.
Incorporates Science Journal

New Technol. Work Employ. (UK)
New Technology, Work and Employment Blackwell Publishers Ltd., 108 Cowley Road, Oxford OX4 1JF, UK.

News Rohde Schwarz (Germany)
News from Rohde and Schwarz Rohde & Schwarz GmbH & Co. KG, Muhldorfstrasse 15, D-81671 Munich, Germany.

Newsl. NEA Data Bank (France)
Newsletter of the NEA Data Bank Nuclear Energy Agency, NEA Data Bank, B.P. No. 9 (Bat. 45), F-91190 Gif sur Yvette, France.

NHK Lab. Note (Japan)
NHK Laboratories Note NHK Science and Technical Research Laboratories, 1-10-11, Kinuta, Setagaya-ku, Tokyo 157, Japan.

NHK Tech. J. (Japan)
NHK Technical Journal NHK Technical Research Laboratories, Broadcasting Science Research Laboratories, 1-10-11 Kinuta, Setagaya-ku, Tokyo, Japan.

Nikkei Electron. (Japan)
Nikkei Electronics Nikkei Business Publications Inc., 2-1-1 Hirakawa-cho, Chioyda-ku, Tokyo 102, Japan.

NKK Tech. Rep. (Japan)
NKK Technical Report NKK Corp., 1-1 Minamiwatarida, Kawasaki-ku, Kawasaki 210, Japan.

NMR Biomed. (UK)
NMR in Biomedicine John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Noise Control Eng. J. (USA)
Noise Control Engineering Journal Institute of Noise Control Engineering, P.O.Box 3206, Arlington Branch, Poughkeepsie, NY 12603, USA.

Noise Vib. Worldw. (UK)
Noise & Vibration Worldwide IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Nondestruct. Test. Eval. (Switzerland)
Nondestructive Testing and Evaluation Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Nonlinear Anal. Theory Methods Appl. (UK)
Nonlinear Analysis Theory, Methods & Applications Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Nonlinear Dyn. (Netherlands)
Nonlinear Dynamics Kluwer Academic Publisher Group, P.O.Box 322, 3300 AA Dordrecht, Netherlands.

Nonlinear Opt. Princ. Mater. Phenom. Devices (Switzerland)
Nonlinear Optics, Principles, Materials, Phenomena, and Devices Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Nonlinearity (UK)
Nonlinearity Institute of Physics Publishing Ltd. and LMS Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6HE, UK.

Nor. Polarinst. Medd. (Norway)
Norsk Polarinstitutt Meddelelser P.O.Box 158, N-1330 Oslo Lufthavn, Norway.

Nor. Polarinst. Skr. (Norway)
Norsk Polarinstitutt Skrifter Rolfstanveien 12, 1330 Oslo 12 Lufthavn, Norway.

Nor. Polarinst. Temakart (Norway)
Norsk Polarinstitutt Temakart Rolfstangveien 12, 1330 Oslo Lufthavn, Norway.

Nord. J. Comput. (Finland)
Nordic Journal of Computing Publishing Association Nordic Journal of Computing. Subscription address: Department of Computer Science, University of Helsinki, P.O.Box 26, FIN-00014 Helsinki, Finland.

Not. Ist. Autom. Univ. Roma (Italy)
Notiziario dell'Istituto di Automatica dell'Universita di Roma Universita Degli Studi, Citta Universitaria, 00100 Rome, Italy.

Notre Dame J. Form. Log. (USA)
Notre Dame Journal of Formal Logic University of Notre Dame, P.O. Box 5, Notre Dame, IN 46556, USA.

NPL News (UK)
NPL News National Physical Laboratory, Teddington, Middx. TW11 0LW, UK.

NRIM Res. Act. (Japan)
NRIM Research Activities National Research Institute for Metals, 2-3-12 Nakameguro, Meguro-ku, Tokyo 153, Japan.

NTT R & D (Japan)
NTT R & D Nippon Telegraph and Telephone Public Corp., 1-12-1 Yuraku-cho, Chiyoda-ku, Tokyo 100, Japan.

NTT Rev. (Japan)
NTT Review Nippon Telegraph and Telephone Public Corp., Yamato Life Insurance Bldg., 10th Floor, 1-1-7 Uchisaiwai-cho, Chiyoda-ku, Tokyo 100-19, Japan.
Formed by merger of Japan Telecommunications Review and Review of the Electrical Communications Laboratories

NTZ (Germany)
NTZ VDE-Verlag GmbH, Bismarckstrasse 33, D-10625 Berlin, Germany.

Nucl. Data Sheets (USA)
Nuclear Data Sheets Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Nucl. Energy (UK)
Nuclear Energy British Nuclear Energy Society, 1-7 Great George Street, London SW1P 3AA, UK.

Nucl. Eng. (UK)
Nuclear Engineer Institution of Nuclear Engineers, 1 Penerley Road, London SE6 2LQ, UK.

Nucl. Eng. Des. (Netherlands)
Nuclear Engineering and Design [Title changed to: *Nucl. Eng. Des. (Switzerland)*]

Nucl. Eng. Int. (UK)
Nuclear Engineering International Wilmington Publishing, Wilmington House, Church Hill, Wilmington, Dartford, Kent DA2 7EF, UK.

Nucl. Eur. Worldscan (Switzerland)
Nuclear Europe Worldscan European Nuclear Society, P.O.Box 5032, CH-3001 Berne, Switzerland.

Nucl. Fusion (Austria)
Nuclear Fusion International Atomic Energy Agency, Wagramerstrasse 5, P.O.Box 100, A-1400 Vienna, Austria.

Nucl. Fusion Plasma Phys. (China)
Nuclear Fusion and Plasma Physics Distribution address: China International Book Trading Corp., Guoji Shudian, P.O.Box 2820, Beijing, China.

Nucl. Instrum. Methods Phys. Res. A, Accel. Spectrom. Detect. Assoc. Equip. (Netherlands)
Nuclear Instruments & Methods in Physics Research, Section A (Accelerators, Spectrometers, Detectors and Associated Equipment) Elsevier Science B.V., Molenwerf 1, P.O.Box 211, 1000 AE Amsterdam, Netherlands.
Supersedes in part: Nuclear Instruments & Methods in Physics Research

Nucl. Instrum. Methods Phys. Res. B, Beam Interact. Mater. At. (Netherlands)
Nuclear Instruments & Methods in Physics Research, Section B (Beam Interactions with Materials and Atoms) Elsevier Science B.V., Molenwerf 1, P.O.Box 211, 1000 AE Amsterdam, Netherlands.
Supersedes in part: Nuclear Instruments & Methods in Physics Research

Nucl. Phys. A (Netherlands)
Nuclear Physics A Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Nucl. Phys. B (Netherlands)
Nuclear Physics B Elsevier Science Publishers, P.O.Box 211, 1000 AE Amsterdam, Netherlands.
From July 1982 to Dec. 1991 published under the title Nuclear Physics B (Particle Physics)

Nucl. Phys. B, Proc. Suppl. (Netherlands)
Nuclear Physics B, Proceedings Supplements Elsevier Science B.V., P.O.Box 103, 1000 AC Amsterdam, Netherlands.

Nucl. Saf. (USA)
Nuclear Safety Oak Ridge National Laboratory, P.O.Box 2009, Oak Ridge, TN 37831-8065, USA.

Nucl. Sci. Appl. A (Switzerland)
Nuclear Science Applications, Section A Harwood Academic Publishers GmbH, Poststrasse 22, CH-7000 Chur, Switzerland.

Nucl. Sci. Appl. B (Switzerland)
Nuclear Science Applications, Section B Harwood Academic Publishers GmbH, Poststrasse 22, CH-7000 Chur, Switzerland.

Nucl. Sci. Eng. (USA)
Nuclear Science and Engineering American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA.

Nucl. Sci. J. (Taiwan)
Nuclear Science Journal Atomic Energy Council, Republic of China, 67 Lane 144, Keelung Road Sec. 4, Taipei, Taiwan 107, Taiwan.

Nucl. Sci. Tech. (China)
Nuclear Science and Techniques Science Press, 16 Donguangchenggen North Street, Beijing 100707, China.

Nucl. Tech. (China)
Nuclear Techniques Published by Science Press, 16 Donghunganggen North Street, Beijing 100717. Distribution address: China International Book Trading Corp., P.O.Box 399, Beijing 100044, China.

Nucl. Technol. (USA)
Nuclear Technology American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60526, USA.

Nucleus (Pakistan)
Nucleus Pakistan Atomic Energy Commission, P.O. 1482, Islamabad, Pakistan.

Nukleonika (Poland)
Nukleonika Institute of Nuclear Chemistry and Technology, 03-195 Warsaw, Ul. Dorodna 16, Poland.

Numer. Algorithms (Switzerland)
Numerical Algorithms J.C. Baltzer, Scientific Publishing Co., Wettsteinplatz 10, CH-4058 Basel, Switzerland.

Numer. Funct. Anal. Optim. (USA)
Numerical Functional Analysis and Optimization Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Numer. Heat Transf. A, Appl. (UK)
Numerical Heat Transfer, Part A (Applications) Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.
Supersedes in part: Numerical Heat Transfer

Numer. Heat Transf. B, Fundam. (UK)
Numerical Heat Transfer, Part B (Fundamentals) Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.
Supersedes in part: Numerical Heat Transfer

Numer. Math. (Germany)
Numerische Mathematik Springer-Verlag, D-14197 Heidelberger Platz 3, Berlin, Germany.

Nuovo Cimento A (Italy)
Nuovo Cimento A Editrice Compositori, via Stalingrado 97/2, 40128 Bologna, Italy.

Nuovo Cimento B (Italy)
Nuovo Cimento B Editrice Compositori, via Stalingrado 97/2, 40128 Bologna, Italy.

Nuovo Cimento C (Italy)
Nuovo Cimento C Editrice Compositori, via Stalingrado 97/2, 40128 Bologna, Italy.

Nuovo Cimento D (Italy)
Nuovo Cimento D Editrice Compositori, via Stalingrado 97/2, 40128 Bologna, Italy.

N.Z. Electron. Rev. (New Zealand)
New Zealand Electronics Review National Electronics Development Association (N.Z.) Inc., P.O.Box 6424, Te Aro, Wellington, New Zealand.

N.Z. Eng. (New Zealand)
New Zealand Engineering Engineering Publications Co. Ltd., P.O.Box 12241, Molesworth House, Molesworth Street, Wellington, New Zealand.

Object Expert (UK)
Object Expert SIGS Conferences Ltd., Brocus House, Parkgate Road, Newdigate, Surrey RH5 5AH, UK.

Object Mag. (USA)
Object Magazine SIGS Publications Inc., 71 W. 23rd Street, New York, NY 10010, USA.

Object Manag. (UK)
Object Manager IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 8NX, UK.

Object Oriented Syst. (UK)
Object Oriented Systems Chapman & Hall, 2-6 Boundary Row, London SE1 8HN, UK.

Observatory (UK)
Observatory The Editors of 'The Observatory', Rutherford Appleton Laboratory, Chilton, Didcot, Oxon OX11 0QX, UK.

Oceanol. Limnol. Sin. (China)
Oceanologia et Limnologia Sinica Editorial address: Chinese Society of Oceanology and Limnology, 7 Nanhai Road, Qingdao, China.

Oceanology (USA)
Oceanology [Translation of: *Okeanologiya (Russia)*] American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

OCLC Syst. Serv. (UK)
OCLC Systems & Services [Formerly: *OCLC Syst. Serv. (USA)*] MCB University Press, 60-62 Toller Lane, Bradford, North Yorks. BD8 9BY, UK.

OCLC Syst. Serv. (USA)
OCLC Systems & Services [Title changed to: *OCLC Syst. Serv. (UK)*]

OEGAI-J. (Austria)
OEGAI-Journal Osterreichische Gesellschaft fur Artificial Intelligence. P.O.Box 177. A-1014 Vienna. Austria.

OEIAZ Oesterr. Ing.- & Archit.-Z. (Austria)
OEIAZ Oesterreichische Ingenieur- und Architekten-Zeitschrift Oesterreichischer Ingenieur- und Architekten-Verein. Eschenbachgasse 9. A-1010 Wien. Austria.

Oelhydraul. Pneum. (Germany)
Oelhydraulik und Pneumatik Vereinigte Fachverlage GmbH. Lise-Meitner-Strasse 2. Postfach 2760. D-55129 Mainz. Germany.

OEP Off. Equip. Prod. (Japan)
OEP Office Equipment & Products Dempa Publications Inc., 1-11-15 Higashi Gotanda. Shinagawa-ku. Tokyo 141. Japan.

Oesterr. Z. Elektr.wirtsch. (Austria)
Oesterreichische Zeitschrift fur Elektrizitaetswirtschaft Springer-Verlag. Sachsenplatz 4-6. P.O.Box 89. A-1201 Wien. Austria.

Off. Environ. (UK)
Office Environment AGB Business Publications Ltd., Audit House. Field End Road. Eastcote. Ruislip. Middx. HA4 9LT. UK.

Off. Equip. News (UK)
Office Equipment News Wilmington Publishing Ltd., Wilmington House. Church Hill. Wilmington. Dartford. Kent DA2 7EF. UK.

Off. Product. (Canada)
Office Productivity Mclean Hunter Ltd., Maclean Hunter Building. 777 Bay Street. Toronto. Ont. M5W 1A7. Canada.

Off. Syst. Res. J. (USA)
Office Systems Research Journal Office Systems Research Association. Administrative Office Systems. Southwest Missouri State University. 901 South National Avenue. Springfield. MO 65804-0089. USA.

Off. World News (USA)
Office World News BUS Publishing Group. 1995 Swarthmore Avenue. Lakewood. NJ 08701. USA.

Ogneupory (Russia)
Ogneupory [English translation in: *Refractories (USA)*] Moskva G-34. 2-i. Obl'denskii. rep. 14. Russia
INSPEC coverage is from English translation

Ohio CPA J. (USA)
Ohio CPA Journal Ohio Society of Certified Public Accountants. P.O.Box 1810. 535 Metro Place South. Dublin. OH 43017-7810. USA.

Okeanologiya (Russia)
Okeanologiya [English translation in: *Oceanology (USA)*] 2 ya Tilografiya Izdatelvstva 'Nauka'. Moskva. Shchybiiskii lep. 10. Russia.
INSPEC coverage is from English translation

Oki Tech. Rev. (Japan)
Oki Technical Review Oki Electric Industry Co. Ltd., 7-12 Toranomon 1-chome. Minato-ku. Tokyo 105. Japan.

Omega (UK)
Omega Elsevier Science Ltd., Bampfylde Street. Exeter EX1 2AH. UK.

Onde Electr. (France)
L'Onde Electrique RGE SA. 48 rue de la Procession. 75724 Paris Cedex 15. France.

Online (USA)
Online Online Inc., 462 Danbury Road. Wilton. CT 06897-2126. USA.

Online/CD-ROM Bus. Inf. (UK)
Online/CD-ROM Business Information Headland Business Information. Bowker-Saur. Maypole House. Maypole Road. East Grinstead. West Sussex RH19 1HU. UK.

Online CD ROM Rev. (UK)
Online & CD ROM Review Learned Information Europe Ltd., Woodside. Hinksey Hill. Oxford OX1 5AU. UK.

Online Libr. Microcomput. (USA)
Online Libraries and Microcomputers Information Intelligence Inc., P.O.Box 31098. Phoenix. AZ 85046. USA.

OnTheInternet (USA)
OnTheInternet Rickard Associates. 10 East Broad Street. Suite A. Hopewell. NJ 08525. USA

OOPS Messenger (USA)
OOPS Messenger Association for Computing Machinery. 1515 Broadway. New York. NY 10036. USA.

Oper. Res. (USA)
Operations Research Operations Research Society of America. 1314 Guildford Avenue. Baltimore. MD 21202. USA.

Oper. Res. Lett. (Netherlands)
Operations Research Letters Elsevier Science B.V., P.O.Box 211. 1000 AE Amsterdam. Netherlands.

Oper. Syst. Rev. (USA)
Operating Systems Review Association for Computing Machinery. 1515 Broadway. New York. NY 10036. USA.

Ophthalmic Physiol. Opt. (UK)
Ophthalmic & Physiological Optics Elsevier Science Ltd., The Boulevard. Langford Lane. Kidlington. Oxford OX5 1GB. UK.

Opsearch (India)
Opsearch Operational Research Society of India. Editorial address: Indian Statistical Institute, 7 SJS Sansanwal Marg, New Delhi - 110029. India.

Opt. Appl. (Poland)
Optica Applicata Technical University of Wroclaw. Wybrzeze Wyspianskiego 27. 50-370 Wroclaw. Poland.

Opt. Commun. (Netherlands)
Optics Communications Elsevier Science Publishers B.V. (North-Holland), P.O.Box 211. 1000 AE Amsterdam, Netherlands.

Opt. Eng., Bellingham (USA)
Optical Engineering Society of Photo-Optical Instrumentation Engineers. P.O.Box 10. Bellingham, WA 98227-0010, USA.

Opt. Fiber Technol., Mater. Devices Syst. (USA)
Optical Fiber Technology: Materials, Devices and Systems Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, UK.

Opt. Laser Technol. (UK)
Optics and Laser Technology Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Opt. Lasers Eng. (UK)
Optics and Lasers in Engineering Elsevier Science Ltd., The Boulevard. Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Opt. Lett. (USA)
Optics Letters Optical Society of America, 2010 Massachusetts Avenue, N.W., Washington, DC 20036-1023, USA.

Opt. Mater. (Netherlands)
Optical Materials Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam. Netherlands.

Opt.-Mekh. Prom. (Russia)
Optiko-Mekhanicheskaya Promyshlennost [English translation in: *J. Opt. Technol. (USA)*] Vasilov Optical Research Institute. Kaluzhskoye Chausee 32. Moskva, Russia.
INSPEC coverage is from English translation

Opt. Mem. Neural Netw. (USA)
Optical Memory & Neural Networks Allerton Press Inc., 150 Fifth Avenue. New York. NY 10011. USA.

Opt. Photonics News (USA)
Optics & Photonics News Optical Society of America, 2010 Massachusetts Avenue. N.W., Washington, DC 20036, USA.

Opt. Pura Apl. (Spain)
Optica Pura y Aplicada Serrano 121, 28006 Madrid, Spain.

Opt. Quantum Electron. (UK)
Optical and Quantum Electronics Chapman and Hall, 2-6 Boundary Row. London SE1 8HH. UK.

Opt. Rev. (Japan)
Optical Review Optical Society of Japan. Kudan-kita Bldg., 1-12-3 Kudan-kita. Chioyda-ku. Tokyo 102. Japan.

Opt. Spectrosc. (Russia)
Optics and Spectroscopy [Translation of: *Opt. Spektrosk. (Russia)*] MAIK Nauka/Interperiodica Publishing. Profsoyuznaya Ul. 90, Moscow 117864. Russia.

Opt. Spektrosk. (Russia)
Optika i Spektroskopiya [English translation in: *Opt. Spectrosc. (Russia)*] Rossiiskaya Akademiya Nauk. Editorial address: 199034 S.-Peterburg V-34, Mendeleevskaya Liniya 1, Russia.
INSPEC coverage is from English translation

Optik (Germany)
Optik Wissenschaftliche Verlagsgesellschaft. W-70009 Stuttgart. Postfach 10 10 61. Germany.

Optim. Control Appl. Methods (UK)
Optimal Control Applications & Methods John Wiley & Sons Ltd., Baffins Lane. Chichester. Sussex PO19 1UD. UK.

Optimization (Switzerland)
Optimization [Formerly: *Optimization (UK)*] Gordon and Breach Science Publishers SA. Postfach. CH-4004 Basel. Switzerland.

Optimization (UK)
Optimization [Title changed to: *Optimization (Switzerland)*]

Optimum (Canada)
Optimum Consulting and Audit Canada. 112 Kent Street, 17th Floor, Room 1740. Ottawa. Ont. K1A 0S5. Canada.

Opto-Electron. Rev. (Poland)
Opto-Electronics Review SIGMA-NOT Ltd., Ul. Ratuszowa 11, 03-450 Warszawa, Poland.

Opto Laser Eur. (UK)
Opto & Laser Europe IOP Publishing Ltd., Techno House, Redcliffe Way. Bristol BS1 6NX. UK.

Optoelectron., Devices Technol. (Japan)
Optoelectronics - Devices and Technologies Mita Press, Ochanomizu Center Building. 3-2-12 Hongo. Bunkyo-ku, Tokyo 113, Japan.

Optoelectron. Instrum. Data Process. (USA)
Optoelectronics, Instrumentation and Data Processing [Translation of: *Avtometriya (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York. NY 10011. USA.

Optoelektron. Poluprovodn. Tekh. (Ukraine)
Optoelektronika i Poluprovodnikovaya Tekhnika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.

Optom. Vis. Sci. (USA)
Optometry and Vision Science Published for the American Academy of Optometry by Williams & Wilkins, 351 West Camden Street, Baltimore, MD 21201-2436, USA.

OR Spektrum (Germany)
OR Spektrum Springer-Verlag, Heidelberger Platz 3, D-14107 Berlin, Germany.

Order (Netherlands)
Order Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Organizacija (Slovenia)
Organizacija University of Maribor, School of Organizational Science, SI-64000 Kranj, Presernova 11, Slovenia.

Orig. Life Evol. Biosph. (Netherlands)
Origins of Life and Evolution of the Biosphere Kluwer Academic Publishers Group, P.O.Box 322, 3300 AA Dordrecht, Netherlands.

ORSA/TIMS Bull. (USA)
ORSA/TIMS Bulletin Operations Research Society of America, 1314 Guildford Avenue Street, Baltimore, MD 21202, USA.

Otbor Obrab. Inf. (Ukraine)
Otbor i Obrabotka Informatsii Naukova Dumka Publishers, 252601 Kiev 4, Repin Street 3, Ukraine.

Oxid. Met. (USA)
Oxidation of Metals Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Oyo Denki Kenkyusho Gijutsu Hokoku (Japan)
Oyo Denki Kenkyusho Gijutsu Hokoku Hokkaido University, Hokkaido, Japan.

Paleoceanography (USA)
Paleoceanography American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Panorama (France)
Panorama GEC ALSTHOM, Communications Department, 38 avenue Kleber, 75795 Paris Cedex 16, France.

Parallel Comput. (Netherlands)
Parallel Computing Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Parallel Process. Lett. (Singapore)
Parallel Processing Letters World Scintific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 912805, Singapore.

Parallelogram (UK)
Parallelogram Fitzroy Publishing Ltd., 46 Old Compton Street, London W1V 5PB, UK.

Part. Accel. (Switzerland)
Particle Accelerators [Formerly: *Part. Accel. (UK)*] Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Part. Accel. (UK)
Particle Accelerators [Title changed to: *Part. Accel. (Switzerland)*]

Part. Part. Syst. Charact. (Germany)
Particle & Particle Systems Characterization VCH Verlagsgesellschaft mbH, P.O.Box 10 11 61, W-6940 Weinheim, Germany.

Part. World (UK)
Particle World Gordon and Breach Science Publishers, c/o STBS Ltd., P.O.Box 90, Reading, Berks RG1 8JL, UK.

Pattern Recognit. (UK)
Pattern Recognition Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Pattern Recognit. Image Anal. (Russia)
Pattern Recognition and Image Analysis MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Pattern Recognit. Lett. (Netherlands)
Pattern Recognition Letters Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

PC Pro (UK)
PC Pro [Formerly: *Windows Mag. (U.K. Ed.) (UK)*] Dennis Publishing Ltd., 19 Bolsover Street, London W1P 7HJ, UK.

PC User (UK)
PC User EMAP Computing, Greater London House, Hampstead Road, London NW1 7QZ, UK.

PC World (Multimedia Ed.) (USA)
PC World (Multimedia Edition) PC World Communications, 501 Second Street, Suite 600, San Francisco, CA 94107, USA.

People Manag. (UK)
People Management [Formerly: *Pers. Manage. (UK)*] Published for the Institute of Personnel and Development by Personnel Publications Ltd., 17 Britton Street, London EC1M 5NQ, UK.

Perform. Eval. (Netherlands)
Performance Evaluation Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Perform. Eval. Rev. (USA)
Performance Evaluation Review Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Period. Polytech. Electr. Eng. (Hungary)
Periodica Polytechnica Electrical Engineering Technical University of Budapest, H-1521 Budapest, Hungary.

Period. Polytech. Phys. Nucl. Sci. (Hungary)
Periodica Polytechnica, Physics and Nuclear Sciences Technical University of Budapest, H-1521 Budapest, Hungary.

Pers. Manage. (UK)
Personnel Management [Title changed to: *People Manag. (UK)*]

Perwill Update (UK)
Perwill Update Perwill Business Solutions Ltd., 13a Market Square, Alton, Hants. GU34 1UR, UK.

Phase Transit. (Switzerland)
Phase Transitions [Formerly: *Phase Transit. (UK)*] Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Phase Transit. (UK)
Phase Transitions [Title changed to: *Phase Transit. (Switzerland)*]

Philips J. Res. (UK)
Philips Journal of Research Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Philips Telecommun. Rev. (Netherlands)
Philips Telecommunication Review Philips Communication Systems, Mathildelaan 1, Building EEC-208, P.O.Box 80020, 5600 JM Eindhoven, Netherlands.
From Dec. 1986 and to June 1990 published under title Philips Telecommunication and Data Systems Review

Philos. Mag. A, Phys. Condens. Matter Struct. Defects Mech. Prop. (UK)
Philosophical Magazine A (Physics of Condensed Matter: Structure, Defects and Mechanical Properties) Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.

Philos. Mag. B, Phys. Condens. Matter Stat. Mech. Electron. Opt. Magn. Prop. (UK)
Philosophical Magazine B (Physics of Condensed Matter: Statistical Mechanics, Electronic, Optical and Magnetic Properties Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.

Philos. Mag. Lett. (UK)
Philosophical Magazine Letters Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.

Philos. Sci. (USA)
Philosophy of Science Philosophy of Science Association, 503 South Kedzie Hall, Department of Philosophy, Michigan State University, East Lansing, MI 48824-1032, USA.

Philos. Trans. R. Soc. Lond. A, Math. Phys. Eng. Sci. (UK)
Philosophical Transactions of the Royal Society London, Series A (Mathematical, Physical and Engineering Sciences) Royal Society, 6 Carlton House Terrace, London SW1Y 5AG, UK.

Photogramm. Rec. (UK)
Photogrammetric Record Photogrammetric Society. Editorial address: Department of Photogrammetry and Surveying, University College London, Gower Street, London WC1E 6BT, UK.

Photonics Optoelectron. (USA)
Photonics and Optoelectronics Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Photonics Sci. News (Switzerland)
Photonics Science News Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Photonics Spectra (USA)
Photonics Spectra Laurin Publishing Co. Inc., Berkshire Common, P.O.Box 4949, Pittsfield, MA 01202-4949, USA.

Photosynth. Res. (Netherlands)
Photosynthesis Research Kluwer Academic Publishers Group, P.O.Box 17, 3300 AH Dordrecht, Netherlands.

Phys. At. Nucl. (Russia)
Physics of Atomic Nuclei [Translation of: *Yad. Fiz. (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyusnaya Ul. 90, Moscow 117864, Russia.

Phys. Bl. (Germany)
Physikalische Blaetter VCH Verlagsgesellschaft mbH, Pappelalle 3, Postfach 10 1161, D-69469 Weinheim, Germany.

Phys. Bull. (China)
Physics Bulletin Editorial address: Zu Ren Wu, No.1 He Zuo Road, Bao Ding, Hebei Province 071002, China.

Phys. Chem. Glasses (UK)
Physics and Chemistry of Glasses Society of Glass Technology, Thornton, 20 Hallam Gate Road, Sheffield, S10 5BT, UK.

Phys. Chem. Liq. (UK)
Physics and Chemistry of Liquids Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, UK.

Phys. Chem. Mater. Treat. (UK)
Physics and Chemistry of Materials Treatment [Translation of: *Fiz. Khim. Obrab. Mater. (Russia)*] V.E. Riecansky Technical Translations, 7 Meadow Walk, Great Abington, Cambridge CB1 6AZ, UK.

Phys. Chem. Miner. (Germany)
Physics and Chemistry of Minerals Springer-Verlag, W-1000 Berlin 33, Heidelberger Platz 3, Germany.

Phys.-Dokl. (Russia)
Physics-Doklady [Translation of: *Dokl. Akad. Nauk (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Phys. Earth Planet. Inter. (Netherlands)
Physics of the Earth and Planetary Interiors Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Phys. Educ. (India)
Physics Education Wiley Eastern Ltd., 4654/21 Daryanganj, New Delhi 110 002, India.

Phys. Educ. (UK)
Physics Education IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Phys. Essays (Canada)
Physics Essays Subscription address: Physics Essays Publications, c/o ALFT Inc., 189 Deveault Street No.7, Hull, PQ J8Z 1S7, Canada.

Phys. Fluids (USA)
Physics of Fluids American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Lett. A (Netherlands)
Physics Letters A Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Phys. Lett. B (Netherlands)
Physics Letters B Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Phys. Med. Biol. (UK)
Physics in Medicine and Biology IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Phys. Medica (Switzerland)
Physica Medica Giardini Editori e Stampatori in Pisa, Via delle Sorgenti 23, I-56010 Agnano Pisano (PI), Switzerland.

Phys. Met. (UK)
Physics of Metals [Translation of: *Metallofiz. Noveish. Tekhnol. (Ukraine)*] Gordon and Breach Science Publishers Ltd., 1 Bedford Street, London WC2E 9HD, UK.

Phys. Met. Metallogr. (Russia)
Physics of Metals and Metallography [Translation of: *Fiz. Met. Metalloved. (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Phys. Part. Nuclei (USA)
Physics of Particles and Nuclei [Translation of: *Fiz. Elem. Chastits At. Yadra (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Plasmas (USA)
Physics of Plasmas American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Rep. (Netherlands)
Physics Reports Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Phys. Rev. A, At. Mol. Opt. Phys. (USA)
Physical Review A (Atomic, Molecular, and Optical Physics) Published by the American Physical Society through the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.
Supersedes in part: Physical Review A (General Physics)

Phys. Rev. B, Condens. Matter (USA)
Physical Review B (Condensed Matter) Published for the American Physical Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Rev. C, Nucl. Phys. (USA)
Physical Review C (Nuclear Physics) Published for the American Physical Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.
Supersedes in part: Physical Review

Phys. Rev. D, Part. Fields (USA)
Physical Review D (Particles and Fields) Published for the American Physical Society through the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.
Supersedes in part: Physical Review. Issue numbers alternate with Physical Review D (Particles, Fields, Gravitation, and Cosmology) from July 1991

Phys. Rev. D, Part. Fields Gravit. Cosmol. (USA)
Physical Review D (Particles, Fields, Gravitation, and Cosmology) Published for the American Physical Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.
Issue numbers alternate with Physical Review D (Particles and Fields) from July 1991

Phys. Rev. E, Stat. Phys. Plasmas Fluids Relat. Interdiscip. Top. (USA)
Physical Review E (Statistical Physics, Plasmas, Fluids, and Related Interdisciplinary Topics) Published by the American Physical Society through the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Rev. Lett. (USA)
Physical Review Letters Published for the American Physical Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Scr. (Sweden)
Physica Scripta Royal Swedish Academy of Sciences, Box 50005, S-104 05 Stockholm, Sweden.

Phys. Scr. Vol. T (Sweden)
Physica Scripta Volume T [Issued with: *Phys. Scr. (Sweden)*]

Phys. Solid State (USA)
Physics of the Solid State [Translation of: *Fiz. Tverd. Tela (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Status Solidi A (Germany)
Physica Status Solidi A Akademie-Verlag, Leipziger Strasse 3-4, P.O.Box 1233, O-1086 Berlin, Germany.

Phys. Status Solidi B (Germany)
Physica Status Solidi B Akademie-Verlag GmbH, Muhlenstrasse 33-34, D-13187 Berlin, Germany.

Phys. Teach. (South Korea)
Physics Teaching Korea Institute for Economics and Technology (KEIT), P.O.Box 205, Cheongryang, Seoul, South Korea.

Phys. Today (USA)
Physics Today American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Phys. Unserer Zeit (Germany)
Physik in Unserer Zeit FIZ, Germany.

Phys.-Usp. (Russia)
Physics-Uspekhi [Translation of: *Usp. Fiz. Nauk (Russia)*] Uspekhi Fizicheskikh Nauk, Leninksi Prospekt 15, 117071 Moscow, Russia.

Phys. World (UK)
Physics World IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.
Formed by merger of Physics Bulletin and Physics in Technology

Physica A (Netherlands)
Physica A Elsevier Science Publishers B.V., North-Holland, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Physica B (Netherlands)
Physica B Elsevier Science Publishers B.V., North-Holland, P.O.Box 211, 1000 AE Amsterdam, Netherlands.
Supersedes in part Physica B & C

Physica C (Netherlands)
Physica C Elsevier Science Publishers B.V., North-Holland, P.O.Box 211, 1000 AE Amsterdam, Netherlands.
Supersedes in part Physica B & C

Physica D (Netherlands)
Physica D Elsevier Science Publishers B.V., North-Holland, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Physiol. Meas. (UK)
Physiological Measurement IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Pis'ma Astron. Zh. (Russia)
Pis'ma v Astronomicheskie Zhurnal [English translation in: *Astron. Lett. (Russia)*] MAIK 'Nauka', 117810, GSP Moskva B-458, Profsoyuznaya 84/32, Russia.

Pis'ma Zh. Eksp. Teor. Fiz. (Russia)
Pis'ma v Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki [English translation in: *JETP Lett. (USA)*] Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, Russia.
INSPEC coverage is from English translation

Pis'ma Zh. Tekh. Fiz. (Russia)
Pis'ma v Zhurnal Tekhnicheskoi Fizika [English translation in: *Tech. Phys. Lett. (USA)*] Izdatel'stvo 'Nauka', Leningrad, Russia.
INSPEC coverage is from English translation

Pixel, Comput. Graph. CAD/CAM Image Process. (Italy)
Pixel. Computer Graphics, CAD/CAM, Image Processing Editrice Il Rostro s.a.s., Via Monte Generoso 6/A, 20155 Milano, Italy.

Planet. Space Sci. (UK)
Planetary and Space Science Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Plant Eng. (UK)
Plant Engineer Institution of Plant Engineers, 77 Great Peter Street, London SW1P 2EZ, UK.

Plasma Chem. Plasma Process. (USA)
Plasma Chemistry and Plasma Processing Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Plasma Phys. Control. Fusion (UK)
Plasma Physics and Controlled Fusion IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Plasma Phys. Rep. (Russia)
Plasma Physics Reports [Translation of: *Fiz. Plazmy (Russia)*] Maik Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Plasma Sources Sci. Technol. (UK)
Plasma Sources, Science and Technology IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Plasmas Polym. (USA)
Plasmas and Polymers Plenum Publishing Corp., 233 Spring Street, New York, NY 10013-1578, USA.

Plast. Rubber Compos. Process. Appl. (UK)
Plastics, Rubber and Composites Processing and Applications Institute of Materials, 1 Carlton House Terrace, London SW1Y 5DB, UK.

Plat. Surf. Finish. (USA)
Plating and Surface Finishing American Electroplaters and Surface Finishers Society Inc., 12644 Research Parkway, Orlando, FL 32836-3298, USA.

Polar Res. (Norway)
Polar Research Norwegian Polar Institute (Norsk Polarinstitutt), Middelthuns gate 29, Postboks 5072 Majorstua, N-0301 Oslo, Norway.

Polym. Compos. (USA)
Polymer Composites Society of Plastics Engineers Inc., 14 Fairfield Drive, Brookfield Center, CT 06804-0403, USA.

Polym. Eng. Sci. (USA)
Polymer Engineering and Science Society of Plastics Engineers Inc., 14 Fairfield Drive, Brookfield Center, CT 06804-0403, USA.

Polym.-Plast. Technol. Eng. (USA)
Polymer-Plastics Technology and Engineering Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Polym. Test. (UK)
Polymer Testing Elsevier Science Publishers Ltd., Crown House, Linton Road, Barking, Essex IG11 8JU, UK.

Polymer (UK)
Polymer Elsevier Science Ltd., The Boulevard, Langford Lane. Kidlington, Oxford OX5 1GB, UK.

Polytech. Tijdschr. Elektron. Elektrotech. (Netherlands)
Polytechnisch Tijdschrift Elekronica Elektrotechniek Ten Hagen en Stam Tijdschriften BV, Postbus 235, 2280 AE Rijswijk, Netherlands.

Pomiary Autom. Kontrola (Poland)
Pomiary Automatyka Kontrola Editorial address: 00-916 Warszawa, Ul. Swietokrzyska 14B, Poland.

Poroshk. Metall. (Ukraine)
Poroshkovaya Metallurgiya [English translation in: *Powder Metall. Met. Ceram. (USA)*] Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.
INSPEC coverage is from English translation

Port. Phys. (Portugal)
Portugaliae Physica Sociedade Portuguesa de Fisica, c/o Laboratorio de Fisica, Faculdade de Ciencias, Praca Gomes Teixeira, 4000 Porto, Portugal.

Postepy Fiz. (Poland)
Postepy Fizyki Polskie Towarzystwo Fizykczne, 00-681 Warszawa, ul. Hoza 69, Poland.

Powder Metall. (UK)
Powder Metallurgy Institute of Materials, 1 Carlton House Terrace, London, SW1Y 5DB, UK.

Powder Technol. (Switzerland)
Powder Technology Elsevier Sequoia S.A., P.O. Box 564 CH-1001 Lausanne 1, Switzerland.

Power (USA)
Power McGraw-Hill Inc., 1221 Avenue of the Americas, New York, NY 10020, USA.

Power Eng. (USA)
Power Engineering PennWell Publishing, 1421 Sheridan Road, Tulsa, OK 74112, USA.

Power Eng. J. (UK)
Power Engineering Journal Published by Peter Peregrinus Ltd. for the Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK.

Power Syst. Technol. (China)
Power System Technology Editorial address: Electric Power Research Institute, Quinghe, Beijing, China.

Power Technol. Int. (UK)
Power Technology International Sterling Publications Ltd., 86-88 Edgware Road, London W2 2YW, UK.

Power Transm. Des. (USA)
Power Transmission Design Penton Publishing Inc., 1110 Superior Avenue, Cleveland, OH 44114-2543, USA.

Powerconvers. Intell. Motion (USA)
Powerconversion & Intelligent Motion Intertec International Inc., 2472 Eastman Avenue, Bldg. 33, Ventura, CA 93003-5792, USA.

Powertech. Mag. (USA)
Powertechnics Magazine Darnell Research Inc., 120 South Chaparral Court 200, Anaheim, CA 92808-2237, USA.

Pr. Hvezdarny Planet. Mikulase Kopernika Brne (Czech Republic)
Prace Hvezdarny a Planetaria Mikulase Kopernika v Brne N. Copernicus Observatory and Planetarium, Kravi Hora, 616 00 Brno, Czech Republic.

Pr. Inst. Elektrotech. (Poland)
Prace Instytutu Elektrotechniki Instytut Elektrotechniki, ul. Pozaryskiego 28, 04 703 Warszawa, Poland.

Pr. Inst. Lacz. (Poland)
Prace Instytutu Lacznosci Ul. Szachowa 1, Miedzeszyn, Warszawa, Poland.

Pr. Inst. Tele- & Radiotech. (Poland)
Prace Instytutu Tele- i Radiotechnicznego Ul. Ratuszowa 11, Warszawa, Poland.

Pr. Nauk. Inst. Cybern. Tech. Politech. Wroc. Ser., Konf. (Poland)
Prace Naukowe Instytutu Cybernetyki Technicznej Politechniki Wroclawskiej, Seria: Konferencje Oficina Wydawnictwo Politechniki Wroclawskiej, Wybreze Wyspianskiego 27, 50-370 Wroclaw, Poland.
Not covered by INSPEC for the period 1992-1995

Pr. Nauk. Inst. Inz. Ochrony Srodowiska Politech. Wroclaw. Ser. Monogr. (Poland)
Prace Naukowe Instytutu Inzynierii Ochrony Srodowiska Politechniki Wroclawskiej, Seria: Monografie Oficyna Wydawnicza Politechniki Wroclawskiej, Wybrzeze Wyspianskiego 27, 50-370 Wroclaw, Poland.

Pr. Nauk. Inst. Technol. Masz. Autom. Politech. Wroc. Ser., Konf. (Poland)
Prace Naukowe Instytutu Technologii Maszyn i Automatyzacji Politechniki Wroclawskiej, Seria: Konferencje Wydawnictwo Politechniki Wroclawskiej, Wybreze Wyspianskiego 27, 50-370 Wroclaw, Poland.

Pr. Nauk. Inst. Ukl. Elektromasz. Politech. Wroc. Ser., Konf. (Poland)
Prace Naukowe Instytutu Ukladow Elektromaszynowych Politechniki Wroclawskiej, Seria: Konferenje Wydnawnictwo Politechniki Wroclawskiej, Wybreze Wyspianskiego 27, 50-370 Wroclaw, Poland.

Pr. Osrodka Badaw.-Rosw. Elektron. Prozniowej (Poland)
Prace Osrodka Badawczo-Rozwojowego Elektroniki Prozniowej Editorial address: 00-241 Warszawa, ul. Dluga 44/50, Poland.

Pr. Przem. Inst. Elektron. (Poland)
Prace Przemyslowego Instytutu Elektroniki Przemslowy Instytut Elektroniki, ul Dluga 44-50, 00-241 Warszawa, Poland.

Pr. Przem. Inst. Telekomun. (Poland)
Prace Przemyslowego Instytutu Telekomunikacji Editorial address: Przemyslowy Instytut Telekomunicacji, ul. Poligonowa 30, 00-991 Warszawa, Poland.

Pract. Wirel. (UK)
Practical Wireless PW Publishing Ltd., Arrowsmith Court, Station Approach, Broadstone, Dorset BH18 8PW, UK.

Prague Bull. Math. Linguist. (Czech Republic)
Prague Bulletin of Mathematical Linguistics Algebraic Linguistics, Faculty of Mathematics and Physics, Charles University, Malostranske 25, 118 00 Prague 1, Czech Republic.

Prakt. Metallogr. (Germany)
Praktische Metallographie Carl Hanser GmbH & Co., Kolbergerstrasse 22, D-81679 Munchen, Germany.

Pramana J. Phys. (India)
Pramana, Journal of Physics Indian Academy of Sciences, Bangalore 560 080, India.

Premises Facil. Manage. (UK)
Premises Facilities Management IML Group, Blair House, High Street, Tonbridge, Kent TN9 1BQ, UK.

Prepress Comment. (UK)
Prepress Commentary [Formerly: *Deskt. Publ. Comment. (UK)*] Pira International, Randalls Road, Leatherhead, Surrey KT22 7RU, UK.

Prepress World (UK)
Prepress World Miller Freeman Publishers Ltd., Sovereign Way, Tonbridge, Kent TN9 1RW, UK.

Prib. Tekh. Eksp. (Russia)
Pribory i Tekhnika Eksperimenta [English translation in: *Instrum. Exp. Tech. (USA)*] Agent: Mezhdunarodnaya Kniga Moskva, Russia.
INSPEC coverage is from English translation

Prikl. Mat. Mekh. (Russia)
Prikladnaya Matematika i Mekhanika [English translation in: *J. Appl. Math. Mech. (UK)*] Rossiiskaya Akademiya Nauk. Editorial address: 117526 Moskva, Prosp. Vernadskogo 101, Russia.
INSPEC coverage is from English translation

Prikl. Mekh. (Ukraine)
Prikladnaya Mekhanika [English translation in: *Int. Appl. Mech. (USA)*] Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, Ukraine.
INSPEC coverage is from English translation

Prikl. Mekh. Tekh. Fiz. (Russia)
Prikladnaya Mekhanika i Tekhnicheskaya Fizika [Formerly: *Zh. Prikl. Mekh. Tekh. Fiz. (USA)*]; English translation in: *J. Appl. Mech. Tech. Phys. (USA)*] Izdatel'stvo Sibirskogo Otdeleniya RAN, Novosibirsk, Russia.
INSPEC coverage is from English translation

Print. Circuit Des. (USA)
Printed Circuit Design Miller Freeman Inc., 600 Harrison Street, San Francisco, CA 94107, USA.
From September 1989 to July 1990 published under the title Circuit Design

Print. Circuit Fabr. (USA)
Printed Circuit Fabrication Miller Freeman Inc., 600 Harrison Street, San Francisco, CA 94107, USA.

Probl. Inf. Transm. (USA)
Problems of Information Transmission [Translation of: *Probl. Pereda. Inf. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Probl. Pereda. Inf. (Russia)
Problemy Peredachi Informatsii [English translation in: *Probl. Inf. Transm. (USA)*] Moskva. E-24, Aviamotoriaya 8, Korp. 2, Russia.
INSPEC coverage is from English translation

Probl. Prochn. (Ukraine)
Problemy Prochnosti [English translation in: *Strength Mater. (USA)*] Editorial address: Academy of Sciences of the Ukrainian SSR, Kiev, Ukraine.
INSPEC coverage is from English translation

Probl. Tekh. Kibern. Robot. (Bulgaria)
Problemy na Tekhnicheskata Kibernetika i Robotikata Institute of Engineering Cybernetics and Robotics, 1113 Sofia, Acad. G. Bonchev Street, Bl. IV, Bulgaria.

Proc. Astron. Soc. Aust. (Australia)
Proceedings of the Astronomical Society of Australia [Title changed to: *Publ. Astron. Soc. Aust. (Australia)*]

Proc. Cosm.-Ray Res. Sect. Nagoya Univ. (Japan)
Proceedings of the Cosmic-Ray Research Section of Nagoya University Solar-Terrestrial Environment Laboratory, Nagoya University, Chikusa-ku, Nagoya, Japan.

Proc. CSEE (China)
Proceedings of the CSEE Editorial address: Quinghe, Beijing, China.

Proc. Est. Acad. Sci., Phys. Math. (Estonia)
Proceedings of the Estonian Academy of Sciences. Physics, Mathematics 7 Estonia Boulevard, EE-0100 Tallinn, Estonia.

Proc. IEEE (USA)
Proceedings of the IEEE Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA.

Proc. Indian Acad. Sci. Chem. Sci. (India)
Proceedings of the Indian Academy of Sciences, Chemical Sciences Bangalore 560 080, India.
Supersedes in part: Proceedings of the Indian Academy of Sciences, Section A

Proc. Indian Acad. Sci. Earth Planet. Sci. (India)
Proceedings of the Indian Academy of Sciences, Earth and Planetary Sciences Bangalore 560 006, India.
Supersedes in part: Proceedings of the Indian Academy of Sciences, Section A

Proc. Indian Acad. Sci. Math. Sci. (India)
Proceedings of the Indian Academy of Sciences, Mathematical Sciences Bangalore 560 080, India.
Supersedes in part: Proceedings of the Indian Academy of Sciences, Section A

Proc. Indian Natl. Sci. Acad. A (India)
Proceedings of the Indian National Science Academy, Part A Bahadur Shah Zafar Marg, New Delhi 110 002, India.

Proc. Inst. Mech. Eng. A, J. Power Energy (UK)
Proceedings of the Institution of Mechanical Engineers, Part A (Journal of Power and Energy) Mechanical Engineering Publications Ltd., P.O.Box 24, Northgate Avenue, Bury St Edmunds, Suffolk IP32 6BW, UK.

Proc. Inst. Mech. Eng. B, J. Eng. Manuf. (UK)
Proceedings of the Institution of Mechanical Engineers, Part B (Journal of Engineering Manufacture) Mechanical Engineering Publications Ltd., P.O.Box 24, Northgate Avenue, Bury St Edmunds, Suffolk IP32 6BW, UK.

Proc. Inst. Mech. Eng. C, J. Mech. Eng. Sci. (UK)
Proceedings of the Institution of Mechanical Engineers, Part C (Journal of Mechanical Engineering Science) Mechanical Engineering Publications Ltd., P.O.Box 24, Northgate Avenue, Bury St Edmunds, Suffolk IP32 6BW, UK.

Proc. Inst. Mech. Eng. D, J. Automob. Eng. (UK)
Proceedings of the Institution of Mechanical Engineers, Part D (Journal of Automobile Engineering) Mechanical Engineering Publications Ltd., P.O.Box 24, Northgate Avenue, Bury St Edmunds, Suffolk IP32 6BW, UK.

Proc. Inst. Mech. Eng. E, J. Process Mech. Eng. (UK)
Proceedings of the Institution of Mechanical Engineers, Part E (Journal of Process Mechanical Engineering) Mechanical Engineering Publications Ltd., P.O.Box 24, Northgate Avenue, Bury St Edmunds, Suffolk IP32 6Bw, UK.

Proc. Inst. Mech. Eng. F, J. Rail Rapid Transit (UK)
Proceedings of the Institution of Mechanical Engineers, Part F (Journal of Rail and Rapid Transit) Mechanical Engineering Publications Ltd., P.O.Box 24, Northgate Avenue, Bury St Edmunds, Suffolk IP32 6BW, UK.

Proc. Inst. Mech. Eng. G, J. Aerosp. Eng. (UK)
Proceedings of the Institution of Mechanical Engineers, Part G (Journal of Aerospace Engineering) Mechanical Engineering Publications Ltd., P.O.Box 24, Northgate Avenue, Bury St Edmund, Suffolk IP32 6BW, UK.

Proc. Inst. Mech. Eng. H, J. Eng. Med. (UK)
Proceedings of the Institution of Mechanical Engineers, Part H (Journal of Engineering in Medicine) Mechanical Engineering Publications Ltd., P.O.Box 24, Northgate Avenue, Bury St Edmunds, Suffolk IP32 6BW, UK.

Proc. Inst. Mech. Eng. I, J. Syst. Control Eng. (UK)
Proceedings of the Institution of Mechanical Engineers, Part I (Journal of Systems and Control Engineering) Mechanical Engineering Publications Ltd., Northgate Avenue, Bury St. Edmunds, Suffolk IP32 6BW, UK.

Proc. Inst. Mech. Eng. J, J. Eng. Tribol. (UK)
Proceedings of the Institution of Mechanical Engineers, Part J (Journal of Engineering Tribology) Mechanical Engineering Publications Ltd., P.O.Box 24, Northgate Avenue, Bury St. Edmunds, Suffolk IP32 6BW, UK.

Proc. Inst. Railw. Signal Eng. (UK)
Proceedings of the Institution of Railway Signal Engineers Room 534, British Transport Commission, 222 Marylebone Road, London, NW1, UK.

Proc. Jpn. Acad. A, Math. Sci. (Japan)
Proceedings of the Japan Academy, Series A (Mathematical Sciences) Ueno Park, Tokyo 110, Japan.
Supersedes in part: Proceedings of the Japan Academy

Proc. Jpn. Acad. B, Phys. Biol. Sci. (Japan)
Proceedings of the Japan Academy, Series B (Physical and Biological Sciences) Ueno Park, Tokyo 110, Japan.
Supersedes in part: Proceedings of the Japan Academy

Proc. Korean Inst. Electr. Eng. (South Korea)
Proceedings of the Korean Institute of Electrical Engineers 635-4 Yucksam-dong, Kangnam-ku, Seoul, South Korea.

Proc. Latv. Acad. Sci. B, Nat. Sci. (Latvia)
Proceedings of the Latvian Academy of Sciences, Section B (Natural Sciences) [Formerly: *Latv. Zinat. Akad. Vestis B, Dabaszinat. (Latvia)*] Latvian Academy of Sciences, Turgeneva iela 19, Riga LV-1524, Latvia.

Proc. Leeds Philos. Lit. Soc. (UK)
Proceedings of the Leeds Philosophical and Literary Society The University, Leeds, UK.

Proc. Natl. Acad. Sci. India A, Phys. Sci. (India)
Proceedings of the National Academy of Sciences of India, Section A (Physical Sciences) 5 Lajpatrai Road, Allahabad-2, India.

Proc. Natl. Sci. Counc. Rep. China A, Phys. Sci. Eng. (Taiwan)
Proceedings of the National Science Council, Republic of China, Part A (Physical Science and Engineering) National Science Council, Floor 17, 106 Ho-Ping E. Road, Sec. 2, Taipei 10636, Taiwan.

Proc. Ocean Drill. Program, Initial Rep. (USA)
Proceedings of the Ocean Drilling Program, Initial Reports Texas A&M University, 1000 Discovery Drive, College Station, TX 77845-9547, USA.
Supersedes in part: Proceedings of the Ocean Drilling Progam

Proc. Ocean Drill. Program, Sci. Results (USA)
Proceedings of the Ocean Drilling Program, Scientific Results Texas A&M University, 1000 Discovery Drive, College Station, TX 77845-9547, USA.
Supersedes in part: Proceedings of the Ocean Drilling Program

Proc. Pak. Acad. Sci. (Pakistan)
Proceedings of the Pakistan Academy of Sciences Constitution Avenue, Sector G/5, Islamabad, Pakistan.

Proc. R. Inst. GB (UK)
Proceedings of the Royal Institution of Great Britain 21 Albemarle Street, London W1, UK.

Proc. R. Ir. Acad. A, Math. Phys. Sci. (Ireland)
Proceedings of the Royal Irish Academy, Section A (Mathematical and Physical Sciences) 19 Dawson Street, Dublin 2, Ireland.

Proc. R. Soc. Edinb. A, Math. (UK)
Proceedings of the Royal Society of Edinburgh, Section A (Mathematics) 22 George Street, Edinburgh EH2 2PQ, UK.

Proc. R. Soc. Lond. A, Math. Phys. Eng. Sci. (UK)
Proceedings of the Royal Society of London, Series A (Mathematical, Physical and Engineering Sciences) 6 Carlton House Terrace, London SW1Y 5AG, UK.

Proc. R. Soc. Vic. (Australia)
Proceedings of the Royal Society of Victoria Royal Society's Hall, 9 Victoria Street, Melbourne, 3000 Victoria, Australia.

Proc. Radio Club Am. (USA)
Proceedings of the Radio Club of America Radio Club of America Inc., Fred Shunaman, 324 South 3rd Avenue, Highland Park, NJ 08904, USA.

Proc. Res. Inst. Atmos. Nagoya Univ. (Japan)
Proceedings of the Research Institute of Atmospherics, Nagoya University Nagoya University, 13-3 Honohara, Toyokawa 442, Japan.

Proc. Sch. Eng. Tokai Univ. (Engl. Ed.) (Japan)
Proceedings of the School of Engineering of Tokai University (English Edition) 12-Gokan Bunkan Library, Tokai University, Shonan Campus, 1117 Kitakaname, Hiratsuka-shi, Kanagawa-ken 259-12, Japan.

Proc. SPIE - Int. Soc. Opt. Eng. (USA)
Proceedings of the SPIE - The International Society for Optical Engineering P.O.Box 10, Bellingham, WA 98227-0010, USA.

Proc. Univ. Newctle.-upon-Tyne Philos. Soc. (UK)
Proceedings of the University of Newcastle-upon-Tyne Philosophical Society Newcastle-upon-Tyne, UK.

Process. Autom. Instrum. (China)
Process Automation Instrumentation Section Society of Process Measurement and Control Instrument, China Instrument Society Technical Infirmation Network of Process Automation Instrumentation, Ministry of Machine Building Industry. Distribution address: China International Book Trading Corp., P.O.Box 399, Beijing, China.

Process Control Qual. (Netherlands)
Process Control & Quality Elsevier Science B.V., Box 211, 1000 AE Amsterdam, Netherlands.

Prod. Inventory Manage. J. (USA)
Production and Inventory Management Journal American Production & Inventory Control Society Inc., 500 West Annandale Road, Falls Church, VA 22046-4274, USA.

Prod. Oper. Manage. (USA)
Production and Operations Management Production and Operations Management Society, University of Baltimore, 1420 North Charles Street, Baltimore, MD 21201, USA.

Prod. Plan. Control (UK)
Production Planning and Control Taylor & Francis Ltd., 1 Gunpowder Square, London EC4A 3DE, UK.

Prof. Manage. (UK)
Professional Management Professional Business and Technical Management, 58 Clarendon Avenue, Royal Leamington Spa, Warwicks. CV32 4SA, UK.

Prog. Biophys. Mol. Biol. (UK)
Progress in Biophysics & Molecular Biology Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Prog. Cryst. Growth Charact. Mater. (UK)
Progress in Crystal Growth and Characterization of Materials Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Prog. Mater. Sci. (UK)
Progress in Materials Science Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.
Not covered during 1974

Prog. Nucl. Energy (UK)
Progress in Nuclear Energy Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Prog. Nucl. Magn. Reson. Spectrosc. (Netherlands)
Progress in Nuclear Magnetic Resonance Spectroscopy Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Prog. Part. Nucl. Phys. (UK)
Progress in Particle and Nuclear Physics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Prog. Photovolt., Res. Appl. (UK)
Progress in Photovoltaics: Research and Applications John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Prog. Quantum Electron. (UK)
Progress in Quantum Electronics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Prog. Solid State Chem. (UK)
Progress in Solid State Chemistry Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Prog. Surf. Sci. (UK)
Progress in Surface Science Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Prog. Theor. Phys. (Japan)
Progress of Theoretical Physics Yukawa Institute for Theoretical Physics and the Physical Society of Japan. Publication office: Yukawa Hall, Kyoto University, 606 Kyoto, Japan.

Prog. Theor. Phys. Suppl. (Japan)
Progress of Theoretical Physics Supplement Yukawa Institute for Theoretical Physics and the Physical Society of Japan. Publication Office: Yukawa Hall, Kyoto University, 606 Kyoto, Japan.

Program (UK)
Program Aslib, The Association for Information Management, 20-24 Old Street, London EC1V 9AP, UK.

Program. Comput. Softw. (Russia)
Programming and Computer Software [Translation of: *Programmirovanie (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Programmirovanie (Russia)
Programmirovanie [English translation in: *Program. Comput. Softw. (Russia)*] Izdatel'stvo 'Nauka', Moskva, Russia.
INSPEC coverage is from English translation

Proj. Manag. Today (UK)
Project Manager Today Larchdrift Projects Ltd., P.O.Box 55, Wokingham, Berks. RG11 4XN, UK.

Prom. Energ. (Russia)
Promyshlennaya Energetika Editorial address: 103012 Moskva, B. Cherkasskii per. 2/10, Russia.

Prometheus (Australia)
Prometheus Dr Don Lamberton, Urban Research Program, Research School of Social Sciences, Canberra, ACT 0200, Australia.

Prosthet. Orthot. Int. (Denmark)
Prosthetics and Orthotics International International Society for Prosthetics and Orthotics (ISPO), Borgervaenget 5, 2100 Copenhagen O, Denmark.

Prz. Elektrotech. (Poland)
Przeglad Elektrotechniczny SIGMA NOT, 00-950 Warszawa, Skrytka Poszt 1004, Swietokrzyska 14, Poland.

Prz. Stat. (Poland)
Przeglad Statystyczny Editorial address: al. Niepodleglosci 10, 60-967 Poznan, Poland.

Prz. Telekomun. (Poland)
Przeglad Telekomunikacynjy SIGMA NOT, Zaklad Kolportazu, Spolka z o.o., Skrytka Pocztowa 1004, 00-950 Warszawa, Poland.
Incorporates Wiadomosci Telekomunikacyjne

PSI Nucl. Part. Phys. Newsl. (Switzerland)
PSI Nuclear and Particle Physics Newsletter Paul Scherrer Institute, Research Department F1: Particle and Nuclear Physics, CH-5232 Villigen PSI, Switzerland.

Publ. Astron. Inst. Acad. Sci. Czech Repub. (Czech Republic)
Publications of the Astronomical Institute of the Academy of Sciences of the Czech Republic [Formerly: *Publ. Astron. Inst. Czech. Acad. Sci. (Czech Republic)*] Published for the Astronomical Institute of the Academy of Sciences of the Czech Republic by SK Press v.o.s., Masarykovo nam. 35, 25101 Ricany, Czech Republic.

Publ. Astron. Inst. Czech. Acad. Sci. (Czech Republic)
Publications of the Astronomical Institute of the Czechoslovak Academy of Sciences [Title changed to: *Publ. Astron. Inst. Acad. Sci. Czech Repub. (Czech Republic)*]

Publ. Astron. Soc. Aust. (Australia)
Publications of the Astronomical Society of Australia [Formerly: *Proc. Astron. Soc. Aust. (Australia)*] CSIRO , P.O.Box 89, East Melbourne, Vic. 3002, Australia.

Publ. Astron. Soc. Jpn. (Japan)
Publications of the Astronomical Society of Japan National Astronomical Observatory, 2-21-1 Osawa, Mitaka-shi, Tokyo 181, Japan.

Publ. Astron. Soc. Pac. (USA)
Publications of the Astronomical Society of the Pacific Astronomical Society of the Pacific, 390 Ashton Avenue, San Francisco, CA 94112, USA.

Publ. Dom. Astrophys. Obs. Victoria BC (Canada)
Publications of the Dominion Astrophysical Observatory, Victoria, British Columbia Dominion Astrophysical Observatory, Victoria, B.C, Canada.

Publ. Earth Phys. Branch Dep. Energy Mines Resour. (Canada)
Publications of the Earth Physics Branch Department of Energy, Mines and Resources 1 Observatory Crescent, Ottawa K1A 0Y3, Canada.

Publ. Elektroteh. Fak. Ser., Elektroenerg. (Serbia)
Publikacije Elektrotehnickog Fakulteta Serija: Elektroenergetika Elektrotehniki Fakultet, 11001 Beograd, Postanski Fah 816, Serbia.

Publ. Elektroteh. Fak. Ser., Elektron. Telekomun. Autom. (Serbia)
Publikacije Elektrotehnickog Fakulteta Serija: Elektronika, Telekomunikacije, Automatika Odsek za Elektroniku, Elektrotehnicki Fakultet, 11001 Beograd, Postanski fah 816, Serbia.

Publ. Elektroteh. Fak. Ser. Mat. Fiz. (Serbia)
Publikacije Elektrotehnickog Fakulteta, Serija Matematika i Fizika Katedra Matematike, Elektrotehnicki Fakultet, 11001 Beograd, Postanski Fah 816, Serbia.

Publ. Fac. Electr. Eng. Ser. Eng. Phys. (Serbia)
Publications of the Faculty of Electrical Engineering, Series: Engineering Physics University of Belgrade, P.O.Box 816, 11001 Belgrade, Serbia.

Publ. Inst. R. Meteorol. Belg. A (Belgium)
Publications, Institut Royal Meteorologique de Belgique, Serie A Avenue Circulaire 3, 1180 Bruxelles, Belgium.

Publ. Inst. R. Meteorol. Belg. B, format in-8 (Belgium)
Publications, Institut Royal Meteorologique de Belgique, Serie B, format in-8 3 Avenue Circulaire, Uccle-Bruxelles 1180, Belgium.

Publ. Korean Astron. Soc. (South Korea)
Publications of the Korean Astronomical Society Korean Astonomical Society, c/o Department of Earth Sciences, College of Education, Seoul National University, Sinlim-dong, Gwanag-gu, Seoul 151, South Korea.

Publ. Natl. Astron. Obs. Jpn. (Japan)
Publications of the National Astronomical Observatory of Japan 2-21-1 Osawa, Mitaka-shi, Tokyo 181, Japan.
Supersedes: Annals of the Tokyo Astronomical Observatory and Tokyo Astronomical Bulletin

Public Adm. Q. (USA)
Public Administration Quarterly Southern Public Administration Education Foundation Inc., P.O.Box 632, Randallstown, MD 21133, USA.

Public Finance (UK)
Public Finance Chartered Institute of Public Finance and Accountancy, 3 Robert Street, London WC2N 6BH, UK.

Public Libr. J. (UK)
Public Library Journal Public Libraries Group of the Library Association. Subscription address: World Wide Subscriptions Ltd., Unit 4, Gibbs Reed Farm, Ticehurst, EAst Sussex TN5 7HE, UK.

Publisher (UK)
The Publisher Publishing Magazines Ltd., Conbar House, Mead Lane, Hertford, Herts. SG13 7AS, UK.

Publishing (UK)
Publishing Frome Communications Ltd., 3 Percy Street, London W1P 9FA, UK.

Purchasing (USA)
Purchasing Cahners Publishing Co., 275 Washington Street, Newton, MA 02158, USA.

Pure Appl. Opt. (UK)
Pure and Applied Optics IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Q. Appl. Math. (USA)
Quarterly of Applied Mathematics Brown Univesity, Division of Applied Mathematics, 182 George Street, Providence, RI 02912, USA.

Q. Bull. Int. Assoc. Agric. Libr. Doc. (Netherlands)
Quarterly Bulletin of the International Association of Agricultural Librarians and Documentalists Editorial address: ''de Hulle'', Hullerpad 14, Lunteren, Netherlands.

Q. J. Mech. Appl. Math. (UK)
Quarterly Journal of Mechanics and Applied Mathematics Oxford University Press, Walton Street, Oxford OX1 6DP, UK.

Q. J. R. Astron. Soc. (UK)
Quarterly Journal of the Royal Astronomical Society Published for the Royal Astronomical Society by Blackwell Science Ltd., Osney Mead, Oxford OX2 0EL, UK.

Q. J. R. Meteorol. Soc. (UK)
Quarterly Journal of the Royal Meteorological Society 104 Oxford Road, Reading, Berks RG1 7LJ, UK.

Q. Rep. RTRI (Japan)
Quarterly Report of RTRI Published for Railway Technical Research Institute by Ken-yusha Inc., 2-8-38 Hikari-cho, Kokubunji-shi, Tokyo 185, Japan.

Qingbao Kexue Jishu (China)
Qingbao Kexue Jishu Defence Technology Committee Information Research Department, Beijing, China.

Quad. Ric. Sci. (Italy)
Quaderni de la Ricerca Scientifica Consiglio Nazionale delle Ricerche, 00100 Roma, Piazzale Aldo Moro 7, Italy.

Qual. Eng. (USA)
Quality Engineering Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Qual. Eur. (Germany)
Quality Europe Carl Hanser Verlag GmbH & Co., Kolbergerstrasse 22, W-8000 Munich 80, Germany.

Qual. Reliab. Eng. Int. (UK)
Quality and Reliability Engineering International John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Qual. World Tech. Suppl. (UK)
Quality World Technical Supplement Institute of Quality Assurance, P.O.Box 712, 61 Southwark Street, London SE1 1SB, UK.

Qual. Zuverlaessigk. (Germany)
Qualitaet und Zuverlaessigkeit Carl Hanser Verlag, Postfach 86 04 20, 81631 Munchen, Germany.

Quantum Electron. (UK)
Quantum Electronics [Translation of: *Kvantovaya Elektron. Mosk. (Russia)*] Editorial address: Turpion Ltd., 207 Brondesbury Park, London NW2 5JN. Subscription address: Turpin Subscription Services Ltd., Blackhorse Road, Letchworth, Herts. SG6 1HN, UK.

Quantum Opt. (UK)
Quantum Optics [Title changed to: *Quantum Semiclass. Opt. (UK)*]

Quantum Semiclass. Opt. (UK)
Quantum and Semiclassical Optics [Formerly: *Quantum Opt. (UK)*] IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Quat. Res. (USA)
Quaternary Research Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Quat. Sci. Rev. (UK)
Quaternary Science Reviews Elsevier Science Ltd, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Queueing Syst. Theory Appl. (Netherlands)
Queueing Systems, Theory and Applications [Formerly: *Queueing Syst. Theory Appl. (Switzerland)*] Baltzer Science Publishers, Asterweg 1A, 1031 HL Amsterdam, Netherlands.

Queueing Syst. Theory Appl. (Switzerland)
Queueing Systems Theory and Applications [Title changed to: *Queueing Syst. Theory Appl. (Netherlands)*]

R & D Dig. (UK)
R & D Digest British Gas plc, Research and Development Division, 152 Grosvenor Road, London SW1V 3JL, UK.

R & D Manage. (UK)
R & D Management Blackwell Publishers, 108 Cowley Road, Oxford, OX4 1JF, UK.

RadCom (UK)
RadCom Radio Society of Great Britain, Lambda House, Cranborne Road, Potter Bar, Herts. EN6 3JE, UK.

Radiat. Eff. Defects Solids (Switzerland)
Radiation Effects and Defects in Solids [Formerly: *Radiat. Eff. Defects Solids (UK)*] Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Radiat. Eff. Defects Solids (UK)
Radiation Effects and Defects in Solids [Title changed to: *Radiat. Eff. Defects Solids (Switzerland)*]

Radiat. Environ. Biophys. (Germany)
Radiation and Environmental Biophysics Springer-Verlag, D-14197 Berlin, Heidelberger Platz 3, Germany.

Radiat. Meas. (UK)
Radiation Measurements Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Radiat. Prot. (South Korea)
Radiation Protection Korean Association for Radiation Protection, Seoul, South Korea.

Radiat. Prot. Dosim. (UK)
Radiation Protection Dosimetry Nuclear Technology Publishing, P.O.Box 7, Ashford, Kent, UK.

Radiat. Res. (USA)
Radiation Research Radiation Research Society, 2021 Spring Road, Suite 600, Oak Brook, IL 60521, USA.

Radiats. Biol. Radioekol. (Russia)
Radiatsionnaya Biologiya Radioekologiya Rossiiskaya Akademiya Nauk. Editorial address: 103717 Moskva K-62, Podsosenskii Per. 21, Russia.

Radio Commun. Technol. (USA)
Radio and Communications Technology [Translation of: *Radiotekhnika, Mosk. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Radio Sci. (USA)
Radio Science American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Radio Sci. Bull. (Belgium)
Radio Science Bulletin [Formerly: *Radiosci. Bull. (Radiosci.) (Belgium)*] URSI, c/o University of Gent (INTEC), St.-Pietersnieuwstraat 41, B-9000 Gent, Belgium.

Radiochim. Acta (Germany)
Radiochimica Acta R. Oldenbourg Verlag, Postfach 80 13 60, D-81613 Munchen, Germany.

Radioelectron. Commun. Syst. (USA)
Radioelectronics and Communication Systems [Translation of: *Izv. Vyssh. Uchebn. Zaved. Radioelektron. (Ukraine)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Radioengineering (Czech Republic)
Radioengineering Czech Technical University, Faculty of Electrical Engineering, Technicka 2, K317, 166 27 Prague 6, Czech Republic.

Radiographer (Australia)
Radiographer Australian Institute of Radiography. Editorial address: P.O.Box 1169, Colllingwood, Vic. 3066, Australia.

Radioisotopes (Japan)
Radioisotopes Japan Radioisotope Association, 2-28-45 Honkomagome, Bunkyo-ku, Tokyo 113, Japan.

Radiology (USA)
Radiology Radiological Society of North America Inc., 2021 Spring Road, Suite 600, Oak Brook, IL 60521, USA.

Radiophys. Quantum Electron. (USA)
Radiophysics and Quantum Electronics [Translation of: *Izv. Vyssh. Uchebn. Zaved. Radiofiz. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Radiosci. Bull. (Radiosci.) (Belgium)
Radioscientist & Bulletin (Radioscientist) [Title changed to: *Radio Sci. Bull. (Belgium)*]

Radiotekh. Elektron. (Russia)
Radiotekhnika i Elektronika [English translation in: *J. Commun. Technol. Electron. (USA)*] Editorial address: 129110 Rossiya, Moskva, Prospekt Mira 50, Russia.
INSPEC coverage is from English translation

Radiotekhnika, Kharkov (Ukraine)
Radiotekhnika Izdatel'stvo ''Visha Shkola'', Kharkov Gosudarstvennom Universitete, 310003 Khar'kov, 16 Universitetskaya st, Ukraine.

Radiotekhnika, Mosk. (Russia)
Radiotekhnika [English translation in: *Radio Commun. Technol. (USA)*] Editorial Address: 103031 Moskva K31, Kuznetskii Most D 20, Russia.
INSPEC coverage is from English translation

Radiother. Oncol. (Ireland)
Radiotherapy and Oncology Elsevier Science Ireland Ltd., Bay 15, Shannon Industrial Estate, Shannon, Co. Clare, Netherlands.

Radwaste Mag. (USA)
Radwaste Magazine American Nuclear Society, 555 N. Kensington Avenue, La Grange Park, IL 60525, USA.

Rail Int. (Belgium)
Rail International International Railway Congress Association, Section 10, 85 rue de France, B-1070 Brussels, Belgium.

RAIRO-APII-JESA J. Eur. Syst. Autom. (France)
RAIRO-APII-JESA Journal Europeen des Systemes Automatises Editions Hermes, 14 rue Lantiez, 75017 Paris, France.

RAIRO Rech. Oper. (France)
RAIRO Recherche Operationelle Dunod Editeur, 11 rue Gossin, 92543 Montrouge cedex, France.

Rand J. Econ. (USA)
Rand Journal of Economics Rand, 810 E. 10th Street, Lawrence, KS 66044, USA.

Random Comput. Dyn. (USA)
Random and Computational Dynamics Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Random Struct. Algorithms (USA)
Random Structures & Algorithms John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Rapid Commun. Mass Spectrom. (UK)
Rapid Communications in Mass Spectrometry John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

RCA Broadcast News (USA)
RCA Broadcast News RCA Communications Systems Division, Princeton, NJ 08540, USA.

RCA Tech. Notes (USA)
RCA Technical Notes Radio Corporation of America, Princeton, NJ 08540, USA.
Not covered during the period 1971 to 1975

Real-Time Imaging (UK)
Real-Time Imaging Academic Press, 24-28 Oval Road, London NW1 7DX, UK.

Real-Time Mag. (Belgium)
Real-Time Magazine Real-Time Consult, rue de la Justice 23, 1070 Brussels, Belgium.

Real-Time Syst. (Netherlands)
Real-Time Systems Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Rec. Electr. Commun. Eng. Conversazione Tokohu Univ. (Japan)
Record of Electrical and Communication Engineering Conversazione Tohoku University 2-1-1 Katahira, Sendai-shi, Miyagi 980, Japan.

Rec. Manag. Bull. (UK)
Records Management Bulletin Records Management Society, Woodside, Coleheath Bottom, Speen, Princes Risborough, Bucks. HP27 0SZ, UK.

Rec. Manag. J. (UK)
Records Management Journal Aslib, Information House, 20-24 Old Street, London EC1V 9AP, UK.

Rec. Manage. Q. (USA)
Records Management Quarterly Association of Records Managers and Administrators Inc., 4200 Somerset Drive, Suite 215, Prairie Village, KS 66208, USA.

Rech. Aerosp. (France)
Recherche Aerospatiale [Formerly: *Rech. Aerosp., Engl. Ed. (France)*] Dunod, Journals Department, 15 rue Gossin, 92543 Montrouge Cedex, France.
Formed by merger of French and English Editions of Recherche Aerospatiale

Rech. Aerosp., Engl. Ed. (France)
Recherche Aerospatiale (English Edition) [Title changed to: *Rech. Aerosp. (France)*]

Rechentech. Datenverarb. (Germany)
Rechentechnik Datenverarbeitung IDG Communications Verlag AG, Postfach 400 429, 8000 Munchen 40, Germany.

REE Rev. Electr. Electron. (France)
REE Revue de l'Electricite et de l'Electronique [Formerly: *Rev. Gen. Electr. (France)*] Revue Generale de l'Electricite SA, 48 rue de la Procession, 75724 Paris Cedex 15, France.

Ref. Libr. (USA)
Reference Librarian Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

Refrigeration (Japan)
Refrigeration Japanese Association of Refrigeration, 8 San'ei-cho, Shinjuku-ku, Tokyo 160, Japan.

Relat. J. (USA)
Relational Journal Codd and Date International, 2099 Gateway Place, Suite 220, San Jose, CA 95110, USA.

Reliab. Eng. Syst. Saf. (UK)
Reliability Engineering & System Safety Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Remote Sens. Environ. (USA)
Remote Sensing of Environment Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Remote Sens. Rev. (UK)
Remote Sensing Reviews Harwood Academic Publishers, c/o STBS Ltd., 42 William IV Street, London WC2N 4DE, UK.

Rend. Ist. Lomb. Accad. Sci. Lett. A, Sci. Mat. Appl. (Italy)
Rendiconti Istituto Lombardo Accademia di Scienze e Lettere A (Scienze Matematiche e Applicazioni) Palozzo Brera, Via Brera 28, Milano, Italy.

Renew. Energy (UK)
Renewable Energy Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Rep. Chiba Inst. Technol. (Japan)
Report of Chiba Institute of Technology 2-17-1 Tsudanuma, Narashino-shi, Chiba 275, Japan.

Rep. Fac. Eng. Himeji Inst. Technol. (Japan)
Reports of the Faculty of Engineering, Himeji Institute of Technology 2167 Shosha, Himeji-shi, Hyogo 617-22, Japan.

Rep. Fac. Eng. Nagasaki Univ. (Japan)
Reports of the Faculty of Engineering, Nagasaki University 1-14 Bunkyo-machi, Nagasaki-shi 852, Japan.

Rep. Fac. Eng. Shizuoka Univ. (Japan)
Reports of the Faculty of Engineering, Shizuoka University 3-5-1 Johoku, Hamamatsu-shi, Shizuoka 432, Japan.

Rep. Fac. Eng. Yamanashi Univ. (Japan)
Reports of the Faculty of Engineering, Yamanashi University 4 Takeda, Kofu-shi, Yamanashi 400, Japan.

Rep. Fac. Sci. Eng. Saga Univ. (Japan)
Reports of the Faculty of Science and Engineering, Saga University 1 Honjo-machi, Saga-shi 840, Japan.

Rep. Fac. Sci. Technol. Meijo Univ. (Japan)
Reports of the Faculty of Science and Technology, Meijo University 69-49 Yagoto Urayama, Tenpaku-cho, Tenpaku-ku, Nagoya 468, Japan.

Rep. Gov. Ind. Res. Inst. Nagoya (Japan)
Reports of the Government Industrial Research Institute, Nagoya [Title changed to: *Rep. Natl. Ind. Res. Inst. Nagoya (Japan)*]

Rep. Gov. Ind. Res. Inst. Osaka (Japan)
Reports of the Government Industrial Research Institute, Osaka 1-8-31 Midorigaoka, Ikeda, Osaka 563, Japan.

Rep. Grad. Sch. Electron. Sci. Technol. Shizuoka Univ. (Japan)
Reports of the Graduate School of Electronic Science and Technology, Shizuoka University 3-5-1 Johoku, Hamamatsu-shi, Shizuoka 432, Japan.

Rep. Inst. Fluid Sci. Tohoku Univ. (Japan)
Reports of the Institute of Fluid Science, Tohoku University 2-1-1 Katahira, Sendai-shi, Miyagi 980, Japan.

Rep. Inst. Ind. Sci. Univ. Tokyo (Japan)
Report of the Institute of Industrial Science, University of Tokyo 7-22-1 Roppongi, Minato-ku, Tokyo 106, Japan.

Rep. Inst. Phys. Chem. Res. (Japan)
Reports of the Institute of Physical and Chemical Research Rikagaku Kenkyushu, Wako-shi, Saitama 351, Japan.

Rep. Math. Phys. (UK)
Reports on Mathematical Physics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Rep. Natl. Astron. Obs. Jpn. (Japan)
Report of the National Astronomical Observatory of Japan 2-21-2 Osawa, Mitaka-shi, Tokyo 181, Japan.

Rep. Natl. Ind. Res. Inst. Nagoya (Japan)
Reports of the National Industrial Research Institute of Nagoya [Formerly: *Rep. Gov. Ind. Res. Inst. Nagoya (Japan)*] Hirate-cho, Kita-ku, Nagoya, Japan.

Rep. Object Anal. Des. (USA)
Report on Object Analysis and Design SIGS Publications Inc., 71 W. 23rd Street, 3rd floor, New York, NY 10010-4102, USA.

Rep. Prog. Phys. (UK)
Reports on Progress in Physics IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Rep. Res. Inst. Appl. Mech. (Japan)
Reports of Research Institute for Applied Mechanics Kyushu University, Hakozaki, Fukuoka 812, Japan.

Rep. Res. Inst. Ind. Sci. Kyushu Univ. (Japan)
Reports of the Research Institute of Industrial Science, Kyushu University Fukuoka, Kyushu, Japan.

Rep. Res. Inst. Sci. Technol. Nihon Univ. (Japan)
Report of the Research Institute of Science and Technology, Nihon University Rikogaku-Kenkyujo (Research Institute of Science and Technology), Nihon University, No. 8, 1-chome, Surugadai, Kanda, Chiyoda-ku, Tokyo, Japan.

Rep. Res. Inst. Strength Fract. Mater. (Japan)
Reports of the Research Institute for Strength and Fracture of Materials Tohoku University, Sendai-shi, Miyagi 980, Japan.

Rep. Res. Lab. Eng. Mater. Tokyo Inst. Technol. (Japan)
Report of the Research Laboratory of Engineering Materials, Tokyo Institute of Technology 4259 Nagatsuta-cho, Midori-ku, Yokohama 227, Japan.

Rep. Res. Lab. Surf. Sci. Okayama Univ. (Japan)
Reports of the Research Laboratory for Surface Science, Okayama University Faculty of Science, Okayama, Japan.

Rep. Res. Nippon Inst. Technol. (Japan)
Report of Researches, Nippon Institute of Technology Miyashiro-machi, Minami-saitama-gun, Saitama 345, Japan.

Rep. Stat. Appl. Res. Union Jpn. Sci. Eng. (Japan)
Reports of Statistical Application Research, Union of Japanese Scientists and Engineers JUSE, 5-10-11 Sendagaya, Shibuya-ku, Tokyo 151, Japan.

Rep. Technol. Iwate Univ. (Japan)
Report on Technology of Iwate University Faculty of Engineering, Iwate University, 4-3-5 Ueda, Morioka-shi, Iwate 020, Japan.

Requir. Eng. (UK)
Requirements Engineering Springer-Verlag London Ltd., Sweetapple House, Catteshall Road, Godalming, Surrey GU7 3DJ, UK.

Res. Bull. Hiroshima Inst. Technol. (Japan)
Research Bulletin of the Hiroshima Institute of Technology 2-1-1 Miyake, Saeki, Hiroshima 731-51, Japan.

Res. Bull. Reg. Eng. Coll. Warangal (India)
Research Bulletin, Regional Engineering College, Warangal Warangal (AP) Kazipet (PO), India.

Res. Electrotech. Lab. (Japan)
Researches of the Electrotechnical Laboratory 1-1-4, Umezono, Tsukuba, Ibaraki, Japan.

Res. Eng. Des. (USA)
Research in Engineering Design Springer-Verlag London Ltd., Sweetapple House, Catteshall Road, Godalming, Surrey GU7 3DJ, USA.

Res. Nondestruct. Eval. (USA)
Research in Nondestructive Evaluation Springer-Verlag New York Inc., 175 Fifth Avenue, New York, NY 10010, USA.

Res. Prog. SSE (China)
Research & Progress of SSE Nanjing Solid State Devices Research Institute, NEI, P.O.Box 1601, Nanjing, China.

Res. Rep. Fac. Eng. Tokyo Denki Univ. (Japan)
Research Reports of the Faculty of Engineering, Tokyo Denki University Tokyo Denki University, 2-2 Kanda Nishiki-cho, Chiyoda-ku, Tokyo 101, Japan.

Res. Rep. Inf. Sci. C, Comput. Sci. (Japan)
Research Reports on Information Sciences, Series C (Computer Science) Tokyo Institute of Technology, Department of Information Sciences, 2-12-1, O-okayama, Meguro-ku, Tokyo 152, Japan.

Res. Rep. Inst. Inf. Sci. Technol. Tokyo Denki Univ. (Japan)
Research Reports, Institute of Information Science & Technology, Tokyo Denki University Tokyo, Japan.

Res. Rep. Kogakuin Univ. (Japan)
Research Reports of Kogakuin University 1-24-2 Nishi-Shinjuku, Shinjuku-ku, Tokyo 160, Japan.

Res. Rep. Math. Comput. Sci. A, Math. Sci. (Japan)
Research Reports on Mathematical and Computing Sciences, Series A (Mathematical Science) Department of Mathematical and Computing Sciences, Tokyo Institute of Technology, O-okayama, Meguro-ku, Tokyo 152, Japan.

Res. Rep. Math. Comput. Sci. B, Oper. Res. (Japan)
Research Reports on Mathematical and Computing Sciences, Series B (Operations Research) Department of Mathematical and Computing Sciences, Tokyo Institute of Technology, O-okayama, Meguro-ku, Tokyo 152, Japan.

Res. Rep. Nagaoka Coll. Technol. (Japan)
Research Reports of Nagaoka College of Technology Nagaoka College of Technology, 888 Nishi-Katakai-machi, Nagaoka-shi, Niigata 940, Japan.

Res. Rep. Sch. Sci. Technol. Meiji Univ. (Japan)
Research Reports, School of Science and Technology, Meiji University 1-1-1 Higashimita, Tamaku, Kawasaki 214, Japan.

Resour. Energy Econ. (Netherlands)
Resource and Energy Economics Elsevier Science B V, P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Resour. Shar. Inf. Netw. (USA)
Resource Sharing and Information Networks Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904, USA.

Rev. Acad. Cienc. Zaragoza (Spain)
Revista de la Academia de Ciencias Zaragoza Academico-Director de Publicaciones, Revista de la Academia de Ciencias, Ciudad Universitaria, 50009 - Zaragoza, Spain.

Rev. AIBDA (Costa Rica)
Revista AIBDA Secretaria Ejecutiva de AIBDA, c/o IICA-CIDIA, Turrailba, Costa Rica.

Rev. Commun. Res. Lab. (Japan)
Review of the Communications Research Laboratory Ministry of Post and Telecommunications, 4 Nukui-Kitamachi, Konganei-shi, Tokyo 184, Japan.

Rev. E (Belgium)
Revue E Societe Royale Belge des Electriciens-Koninklijke Belgische Vereniging der Electrotechnici, TW. Av de la Plaine 2, B-1050 Bruxelles, Belgium.

Rev. Electrotec. (Argentina)
Revista Electrotecnica Asociacion Electrotecnicos Argentina y del Comite Electrotecnico Argentina, Posadas 1659, Buenos Aires, Argentina.

Rev. Energ. (France)
Revue de l'Energie Les Editions Techniques et Economiques, 3 Rue Soufflot, 75005 Paris, France.

Rev. Esp. Doc. Cient. (Spain)
Revista Espanola de Documentacion Cientifica Centro de Informacion y Documentacion Cientifica (CINDOC), Joaquin Costa 22, 28002 Madrid, Spain.

Rev. Esp. Electron. (Spain)
Revista Espanola de Electronica Ediciones Tecnicas Rede S.A., Ecuador 91, 08029 Barcelona, Spain.

Rev. Fac. Eng. Univ. Porto (Portugal)
Revista da Faculdade de Engenharia, Universidade do Porto Porto, Portugal.

Rev. Fis. Apl. Instrum. (Brazil)
Revista de Fisica Aplicada e Instrumentacao Sociedade Brasileira de Fisica, Caixa Postal 20 553, 01498 970 Sao Paulo SP, Brazil.

Rev. Gen. Electr. (France)
Revue Generale de l'Electricite [Title changed to: *REE Rev. Electr. Electron. (France)*]

Rev. Gen. Nucl. (France)
Revue Generale Nucleaire Societe Francaise d'Energie Nuclaire, 48 rue de la Procession, 75724 Paris Cedex 15, France.
English translation of selected articles appear in Revue Generale Nucleaire, International Edition

Rev. Gen. Nucl. Int. Ed. (France)
Revue Generale Nucleaire, International Edition Societe Francaise d'Energie Nucleaire, 48 rue de la Procession, 75724 Paris Cedex 15, France.

Rev. Geophys. (USA)
Reviews of Geophysics American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.
From Nov. 1969 to Nov. 1984 published under the title of Reviews of Geophysics and Space Physics

Rev. HF (Belgium)
Revue HF Societe Belge des Ingenieurs des Telecommunications et d'Electronique, 66 Chaussee de Ruisbrock, Bruxelles 1190, Belgium.

Rev. Inf. Sci. (Germany)
Review of Information Science Hochschulverband fur Informationswissenschaft (HI) (University Association for Information Science, Germany.
Electronic journal published on the World Wide Web (at http://infwiss.uni-konstanz.de/RIS)

Rev. Int. Hautes Temp. Refract. (France)
Revue Internationale des Hautes Temperatures et des Refractaires Masson Periodiques, Villa Laromiguiere, F-75005 Paris, France.

Rev. Int. Metodos Numer. para Calc. Diseno Ing. (Spain)
Revista Internacional de Metodos Numericos para Calculo y Diseno en Ingenieria Universitat Politecnica de Catalunya, Apartado de Correos 30250, 08034 Barcelona, Spain.

Rev. Int. Syst. (France)
Revue Internationale de Systemique Dunod, 15 rue Gossin, 92543 Montrouge Cedex, France.

Rev. Jeumont-Schneider (France)
Revue Jeumont-Schneider 31-32 Quai de Dion Bouton, 92811 Puteaux-Paris, France.

Rev. Laser Eng. (Japan)
Review of Laser Engineering Laser Society of Japan, Kinetsu Dojima Bldg. 20F, 2-2-2 Dojima, Kitaku, 530 Osaka, Japan.

Rev. Math. Phys. (Singapore)
Reviews in Mathematical Physics World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Rev. Metall. (France)
Revue de Metallurgie 1 rue Paul Cezanne, 75008 Paris, France.

Rev. Mex. Astron. Astrofis. (Mexico)
Revista Mexicana de Astronomia y Astrofisica Instituto de Astronomia, UNAM, Apartado Postal 70-264, 04510 Mexico, D.F, Mexico.

Rev. Mex. Astron. Astrofis. Ser. Conf. (Mexico)
Revista Mexicana de Astronomia y Astrofisica, Serie de Conferencias Instituto de Astronomia, Universidad Nacional Autonoma de Mexico, Apartado Postal 70-264, 04510 Mexico D.F, Mexico.

Rev. Mex. Fis. (Mexico)
Revista Mexicana de Fisica Sociedad Mexicana de Fisica, Apartado Postal No.70-348, Coyoacan, 04510 Mexico D.F, Mexico.

Rev. Mod. Phys. (USA)
Reviews of Modern Physics Published for the American Physical Society by the American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Rev. Roum. Sci. Tech. Ser. Electrotech. Energ. (Romania)
Revue Roumaine des Sciences Techniques, Serie Electrotechnique et Energetique Editura Academiei Romane, 125 Calea Victoriei, 79717 Bucarest, Romania.

Rev. Roum. Sci. Tech. Ser. Mec. Appl. (Romania)
Revue Roumaine des Sciences Techniques, Serie de Mecanique Appliquee Editura Academiei Romane, Calea 13, Septembrie 13, P.O.Box 5-42, 76117 Bucuresti, Romania.

Rev. Sci. Instrum. (USA)
Review of Scientific Instruments American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Rev. Tech. Thomson-CSF (France)
Revue Technique Thomson-CSF Thomson-CSF, Laboratoire Central de Recherches, Domainde de Corbeville, 91404 Orsay Cedex, France.

Rev. Telecomun. (Spain)
Revista de Telecomunicacion Consejo Tecnica de Telecomunicacion, Palacio de Comunicaciones, Apartado 936, Madrid, Spain.

Rev. Telegr. Electron. (Argentina)
Revista Telegrafica Electronica Editorial address: Avenida Martin Garcia 653, Buenos Aires, Argentina.

R.F. Des. (USA)
R.F. Design Argus Integrated Media, 6151 Powers Ferry Road, NW, Atlanta, GA 30339, USA.

Rheol. Acta (Germany)
Rheologica Acta Dr. Dietrich Steinkopff Verlag GmbH & Co. KG, P.O.Box 11 14 42, D-64229 Darmstadt, Germany.

RIKEN Rev. (Japan)
RIKEN Review Institute of Physical and Chemical Research (RIKEN), 2-1 Hirosawa, Wako-shi, Saitama 351-01, Japan.

Risk Anal. (USA)
Risk Analysis Plenum Publishing Corp., 233 Spring Street, New York, NY 10013, USA.

Risk Manage. (USA)
Risk Management Risk Management Society Inc., 655 Third Avenue, New York, NY 10017, USA.

Riv. Inform. (Italy)
Rivista di Informatica AICA-Italian Association for Informatics and Automatic Computation, p. le Rodolfo Morandi 2, 20121 Milano, Italy.

Riv. Nuovo Cimento (Italy)
Rivista del Nuovo Cimento Editrice Compositori, via Stalingrado 97/2, 40128 Bologna, Italy.

RLE Curr. (USA)
RLE Currents Research Laboratory of Electronics, Massachusetts Institute of Technology, Room 36-412, 77 Massachusetts Avenue, Cambridge, MA 02139-4307, USA.

Robot (Japan)
Robot Japan Robot Association, 3-5-8 Shiba-kohen, Minato-ku, Tokyo 105, Japan.

Robot. Auton. Syst. (Netherlands)
Robotics and Autonomous Systems Elsevier Science B.V., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Robot. Comput.-Integr. Manuf. (UK)
Robotics and Computer-Integrated Manufacturing Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Robot. Today (USA)
Robotics Today Robotics International of the Society of Manufacturing Engineers, One SME Drive, P.O.Box 930, Dearborn, MI 48121, USA.

Robot. World (USA)
Robotics World Douglas Publications Inc., 9609 Gayton Road, Suite 100, Richmond, VA 23233, USA.

Robotica (UK)
Robotica Cambridge Universtiy Press, The Pitt Building, Trumpington Street, Cambridge CB2 1RP, UK.

ROCC Inf. Manage. (UK)
ROCC Information Management ROCC Computers Ltd., Kelvin Way, Crawley, West Sussex RH10 2LY, UK.

Rocky Mt. J. Math. (USA)
Rocky Mountain Journal of Mathematics Rocky Mountain Mathematics Consortium, Department of Mathematics, Arizona State University, Tempe, AZ 85287-1904, USA.

Rom. J. Phys. (Romania)
Romanian Journal of Physics Editorial address: Institute of Atomic Physics, P.O.Box MG-6, Bucharest-Maguerle, Romania.

Ross. Akad. Nauk Fiz. Zemli (Russia)
Rossiiskaya Akademiya Nauk Fizika Zemli [English translation in: *Izv. Phys. Solid Earth (USA)*] MAIK Nauka. Editorial address: 123242 Moskva, Ul. B. Gruzinskaya 10, Russia.
INSPEC coverage is from English translation

RQ (USA)
RQ American Library Association, 50 East Huron Street, Chicago, IL 60611, USA.

Rundfunktech. Mitt. (Germany)
Rundfunktechnische Mitteilungen Institut fur Rundfunktechnik, Mittelweg 113, Hamburg 13, Germany.

Russ. Electr. Eng. (USA)
Russian Electrical Engineering [Translation of: *Elektrotekhnika (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Russ. Geol. Geophys. (USA)
Russian Geology and Geophysics [Translation of: *Geol. Geofiz. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Russ. J. Nondestruct. Test. (USA)
Russian Journal of Nondestructive Testing [Translation of: *Defektoskopiya (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Russ. Metall. (USA)
Russian Metallurgy [Translation of: *Metally (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Russ. Meteorol. Hydrol. (USA)
Russian Meteorology and Hydrology [Translation of: *Meteorol. Gidrol. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Russ. Microelectron. (Russia)
Russian Microelectronics [Translation of: *Mikroelektronika (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Russ. Phys. J. (USA)
Russian Physics Journal [Translation of: *Izv. Vyssh. Uchebn. Zaved. Fiz. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Rutgers Comput. Technol. Law J. (USA)
Rutgers Computer & Technology Law Journal Rutgers Law School, 15 Washington Street, Newark, NJ 07102, USA.

S. Afr. Comput. J. (South Africa)
South African Computer Journal Computer Society of South Africa, Box 1714, Halfway House 1685, South Africa.

Sadhana (India)
Sadhana Indian Academy of Sciences, C V Raman Avenue, P.B.No. 8005, Bangalore 560 080, India.

Sae Mulli (South Korea)
Sae Mulli [Formerly: *New Phys. (Korean Phys. Soc.) (South Korea)*] Korean Physical Society, Science Center Building, 635-4 Yuksamdong, Kangnam-ku, Seoul 135-703, South Korea.

Sachkoe, Tele (Finland)
Saehkoe - Tele Sahkoinsinooriliitto ry, Merikasarminkatu 7 J 53, 00160 Helsinki, Finland.

Sales Mark. Manage. (USA)
Sales & Marketing Management Bill Communications Inc., 355 Park Avenue South, New York, NY 10010-1789, USA.

Sanken Tech. Rep. (Japan)
Sanken Technical Report Sanken Electric Co. Ltd., 3-6-3 Kitano, Niiza-shi, Saitama 352, Japan.

Sanyo Tech. Rev. (Japan)
Sanyo Technical Review Sanyo Electric Co. Ltd., 2-18 Hondori, Keihan, Moriguchi-shi, Osaka 570, Japan.

Satell. Commun. (USA)
Satellite Communications Intertec Publishing, 5660 Greenwood Plaza Boulevard, Suite 350, Englewood, CO 80111, USA.

Scand. Audiol. (Norway)
Scandinavian Audiology [Formerly: *Scand. Audiol. (Sweden)*] Scandinavian University Press, P.O.Box 2959, Toyen, N-0608 Oslo, Norway.

Scand. Audiol. (Sweden)
Scandinavian Audiology [Title changed to: *Scand. Audiol. (Norway)*]

Scand. Audiol. Suppl. (Norway)
Scandinavian Audiology Supplementum [Formerly: *Scand. Audiol. Suppl. (Sweden)*] Scandinavian University Press, P.O.Box 2959, Toyen, N-0608 Oslo, Norway.

Scand. Audiol. Suppl. (Sweden)
Scandinavian Audiology Supplementum [Title changed to: *Scand. Audiol. Suppl. (Norway)*]

Scand. J. Inf. Syst. (Denmark)
Scandinavian Journal of Information Systems University of Aalborg, Information Systems Group, Department of Mathematics and Computer Science, Institute of Electronic Systems, Frederik Bajers Vej 7, DK-9220 Aalborg O, Denmark.

Scand. J. Metall. (Finland)
Scandinavian Journal of Metallurgy Editorial address: Mr Georg Larinkari, Ehrenstrominkatu 10 A1, SF-00140 Helsinki, Finland.

Scanner (UK)
Scanner Journal of Decca Radar Ltd., Decca House, Albert Embankment, London, SE1, UK.

Scanning (USA)
Scanning FAMS Inc., Box 832, Mahwah, NJ 07430, USA.

Scanning Microsc. (USA)
Scanning Microscopy Scanning Microscopy International Inc., P.O.Box 66507, Chicago (AMF O'Hare), IL 60666, USA.

Scanning Microsc. Suppl. (USA)
Scanning Microscopy Supplement Scanning Microscopy International, P.O.Box 66507, AMF O'Hare (Chicago), IL 60666, USA.

Sci. Am. (Int. Ed.) (USA)
Scientific American (International Edition) 415 Madison Avenue, New York, NY 10017-1111, USA.

Sci. Bull. Lodz Tech. Univ., Phys. (Poland)
Scientific Bulletin Lodz Technical University - Physics Wydawnictwo Politechniki Lodzkiej, 93-005 Lodz, Ul. Wolczanska 223, Poland.

Sci. China A, Math. Phys. Astron. (China)
Science in China, Series A (Mathematics, Physics, Astronomy) Science in China Press, 16 Donghuangchenggen North Street, Beijing 100717, China.

Sci. Comput. (UK)
Scientific Computing [Title changed to: *Sci. Comput. World (UK)*]

Sci. Comput. Autom. (USA)
Scientific Computing & Automation Gordon Publications Inc., 301 Gibraltar Drive, Box 650, Morris Plains, NJ 07950-0650, USA.

Sci. Comput. Program. (Netherlands)
Science of Computer Programming Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Sci. Comput. World (UK)
Scientific Computing World [Formerly: *Sci. Comput. (UK)*] IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Sci. Dimens. (Canada)
Science Dimension National Research Council of Canada, Ottawa K1A OR6, Canada.

Sci. Eng. Rep. Natl. Def. Acad. (Jpn.) (Japan)
Scientific and Engineering Reports of the National Defense Academy (Japanese) 1-10-20 Hashirimizu, Yokosuka 239, Japan.

Sci. Eng. Rep. Saitama Univ. (Japan)
Science and Engineering Reports of Saitama University Urawa, Saitama, Japan.

Sci. Eng. Rev. Doshisha Univ. (Japan)
Science and Engineering Review of Doshisha University Science and Engineering Research Institute of Doshisha University, Kyoto, Japan.

Sci. Pap. Coll. Arts Sci. Univ. Tokyo (Japan)
Scientific Papers of the College of Arts and Sciences, University of Tokyo Komaba, Meguro-ku, Tokyo 153, Japan.
Merged with Journal of the Faculty of Science, University of Tokyo, Section 1A (Mathematics) to form Journal of Mathematical Sciences, University of Tokyo

Sci. Pap. Inst. Phys. Chem. Res. (Japan)
Scientific Papers of the Institute of Physical and Chemical Research Rikagaku Kenkyusho, Wako-shi, Saitama 351, Japan.

Sci. Prog. (UK)
Science Progress Science Reviews, P.O.Box 81, Northwood, Middx. HA6 3DN, UK.

Sci. Program. (USA)
Scientific Programming John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10036, USA.

Sci. Rep. Kanazawa Univ. (Japan)
Science Reports of Kanazawa University Editorial Committee, Faculty of Science, Kanazawa University, Kakuma-machi, Kanazawa 920-11, Japan.

Sci. Rep. Res. Inst. Tokohu Univ. A, Phys. Chem. Metall. (Japan)
Science Reports of the Research Institutes, Tohoku University, Series A (Physics, Chemistry, and Metallurgy) Institute for Materials Research (IMR), Tohoku University, 2-1-1 Katahira, Sendai 980-77, Japan.

Sci. Rep. Saitama Univ. A, Math. Phys. Chem. (Japan)
Science Reports of the Saitama University, Series A (Mathematics, Physics and Chemistry) Urawa, Japan.

Sci. Rep. Tokohu Univ. Eighth Ser., Phys. Astron. (Japan)
Science Reports of the Tohoku University, Eighth Series (Physics and Astronomy) Kita-Aobayama Library, Tohoku University, Aoba Aramaki, Sendai-shi, Miyagi 980, Japan.

Sci. Rep. Tokohu Univ. First Ser. (Japan)
Science Reports of the Tohoku University, First Series Library, Department of Chemistry, Faculty of Science, Tohoku University, Sendai-shi, Miyagi 980, Japan.

Sci. Rep. Yokohama Natl. Univ. I, Math. Phys. Chem. (Japan)
Science Reports of the Yokohama National University, Section I (Mathematics, Physics and Chemistry) Faculty of Liberal Arts and Education, Yokohama National University, Tokiwadai 156, Hodogaya-ku, Yokohama 240, Japan.

Sci. Rev. (Serbia)
Scienca Revuo Prof. B. Popovic, Ognjena Price 80, Beograd, Serbia.

Sci. Sinter. (Serbia)
Science of Sintering Yugoslav Association for ETRAN, P.O. Box 356 (ETRAN), 11001 Beograd, Serbia.

Sci. Tech. Inf. (Germany)
Scientific and Technical Information Leica Mikroskopie und Systeme GmbH, P.O.Box 20 40, 35530 Wetzlar, Germany.

Sci. Tech. Inf. Process. (USA)
Scientific and Technical Information Processing [Translation of: *Nauchno-Tekh. Inf. 1 (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.
INSPEC coverage is from English translation from 1995

Sci. Technol. Libr. (USA)
Science & Technology Libraries Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

Science (USA)
Science American Association for the Advancement of Science, 1200 New York Avenue, N.W., Washington, DC 20005, USA.

Scientia (Chile)
Scientia Universidad Tecnica Federico Santa Maria, Casilla 110-V, Valparaiso, Chile.

SciTech J. (USA)
SciTech Journal MacSciTech, 49 Migdley Lane, Worcester, MA 01604, USA.

Scr. Fac. Sci. Nat. Univ. Purkyn. Brun. Phys. (Czech Republic)
Scripta Facultatis Scientiarum Naturalium Universitatis Purkynianae Brunensis, Physica University J.E. Purkyne, 61137 Brno-Kotlarska 2, Czech Republic.

Scr. Mater. (USA)
Scripta Materialia Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, UK.

Sdelovaci Tech. (Czech Republic)
Sdelovaci Technika Rozvid Praha, Na Belidla 34, 150 00 Praha 5, Czech Republic.

Secur. J. (Ireland)
Security Journal [Formerly: *Secur. J. (USA)*] Elsevier Science Ireland Ltd., Bay 15K, Shannon Industrial Estate, Shannon, Co. Clare, Ireland.

Secur. J. (USA)
Security Journal [Title changed to: *Secur. J. (Ireland)*]

Secur. Manage. (USA)
Security Management American Society for Industrial Security, 1655 N. Fort Meyer Drive, Suite 1200, Arlington, VA 22209, USA.

Secure Comput. (UK)
Secure Computing West Coast Publishing Ltd., William Knox House, Britannic Way, Llandarcy, Swansea SA10 6EL, UK.

Security (USA)
Security Cahners Publishing Co., 8773 South Ridgeline Boulevard, Highlands Ranch, CO 80126-2329, USA.

Seisan Kenkyu (Japan)
Seisan Kenkyu Institute of Industrial Science, University of Tokyo, 7-22-1 Roppongi, Minato-ku, Tokyo 106, Japan.

Seism. Instrum. (USA)
Seismic Instruments [Translation of: *Seism. Prib., Instrum. Sreds. Seism. Nabl. (Russia)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA.

Seism. Prib., Instrum. Sreds. Seism. Nabl. (Russia)
Seismicheskie Pribory: Instrumental'naye Sredstva Seismicheskikh Nablyudenii [English translation in: *Seism. Instrum. (USA)*] Izdatel'stvo 'Nauka', Moskva, Russia.
INSPEC coverage is from English translation

Seismol. Ser. Earth Phys. Branch (Canada)
Seismological Series of the Earth Physics Branch Department of Energy, Mines and Resources, Ottawa, Canada.

Semicond. Int. (USA)
Semiconductor International Cahners Publishing Co., Cook Street, Denver, CO 80206-5191, USA.

Semicond. Sci. Technol. (UK)
Semiconductor Science and Technology IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Semiconductors (USA)
Semiconductors [Translation of: *Fiz. Tekh. Poluprovodn. (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Sens. Actuators A, Phys. (Switzerland)
Sensors and Actuators A (Physical) Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.
Supersedes in part: Sensors and Actuators

Sens. Actuators B, Chem. (Switzerland)
Sensors and Actuators B (Chemical) Elsevier Sequoia S.A., P.O.Box 564, 1001 Lausanne 1, Switzerland.
Supersedes in part: Sensors and Actuators

Sens. Mater. (Japan)
Sensors and Materials Scientific Publishing Division of MYU K.K., 2-32-3 Sendagi, Bunkyo-ku, Tokyo 113, Japan.

Sens. Rev. (UK)
Sensor Review MCB University Press Ltd., 62 Toller Lane, Bradford, West Yorks. BD8 9 BY, UK.

Sensors (USA)
Sensors Helmers Publishing Inc., 174 Concord Street, P.O.Box 874, Peterborough, NH 03458-0874, USA.

Serb. Acad. Sci. Arts Monogr. Dep. Tech. Sci. (Serbia)
Serbian Academy of Sciences and Arts, Monographs, Department of Technical Sciences 11000 Beograd, Kniz Mihailova 35, Serbia.

SERC Bull. (UK)
SERC Bulletin SERC, Polaris House, North Star Avenue, Swindon, Wilts. SN2 1E, UK.

Serv. Robot, Int. J. (UK)
Service Robot: An International Journal MCB University Press, 60-62 Toller Lane, Bradford, West Yorks. BD8 9BY, UK.

Seybold Rep. Internet Publ. (USA)
Seybold Report on Internet Publishing Seybold Publications, 428 East Baltimore Avenue, P.O.Box 644, Media, PA 19063, USA.

Seybold Rep. Publ. Syst. (USA)
Seybold Report on Publishing Systems Seybold Publications Inc., P.O.Box 644, Media, PA 19063, USA.

Sharp Tech. J. (Japan)
Sharp Technical Journal Sharp Co. Ltd., 2613-1 Ichinomoto, Tenri, Nara 632, Japan.

SHD Storage - Handl. - Distrib. (UK)
SHD Storage - Handling - Distribution Turret Group plc, 171 High Street, Rickmansworth, Herts. WD3 1SN, UK.

Shimadzu Rev. (Japan)
Shimadzu Review Shimadzu Corp., Kawaramachi Nijo, Nakagyo-ku, Kyoto, Japan.

Shinko Electr. J. (Japan)
Shinko Electric Journal Shinko Electric Co. Ltd., Asahi Building, 3-12-2 Nihonbashi, Chuo-ku, Tokyo 103, Japan.

Shock Waves (Germany)
Shock Waves Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Short Wave Mag. (UK)
Short Wave Magazine PW Publishing Ltd., Arrowsmith Court, Station Approach, Broadstone, Dorset BH18 8PW, UK.

Showa Electr. Wire Cable Rev. (Japan)
Showa Electric Wire and Cable Review Showa Electric Wire and Cable Co. Ltd., Tokyo Toranomon Bldg., 1-1-18, Toranomon, Minato-ku, Tokyo, Japan.

SIAM J. Appl. Math. (USA)
SIAM Journal on Applied Mathematics Society for Industrial and Applied Mathematics, 3600 University City Center, Philadelphia, PA 19104-2688, USA.

SIAM J. Comput. (USA)
SIAM Journal on Computing Society for Industrial and Applied Mathematics, 3600 University City Science Center, Philadelphia, PA 19104-2866, USA.

SIAM J. Control Optim. (USA)
SIAM Journal on Control and Optimization Society for Industrial and Applied Mathematics, 3600 University City Science Center, Philadelphia, PA 19104-2866, USA.

SIAM J. Discrete Math. (USA)
SIAM Journal on Discrete Mathematics Society for Industrial and Applied Mathematics, 3600 University City Science Center, Philadelphia, PA 19104-2688, USA.

SIAM J. Math. Anal. (USA)
SIAM Journal on Mathematical Analysis Society for Industrial and Applied Mathematics, 3600 University City Science Center, Philadelhpia, PA 19104-2866, USA.

SIAM J. Matrix Anal. Appl. (USA)
SIAM Journal on Matrix Analysis and Applications Society for Industrial and Applied Mathematics, 3600 University City Science Cneter, Philadelphia, PA 19104-2866, USA.

SIAM J. Numer. Anal. (USA)
SIAM Journal on Numerical Analysis Society for Industrial and Applied Mathematics, 3600 University City Science Center, Philadelphia, PA 19104-2866, USA.

SIAM J. Optim. (USA)
SIAM Journal on Optimization Society for Industrial and Applied Mathematics, 3600 University City Science Center, Philadelphia, PA 19104-2688, USA.

SIAM J. Sci. Comput. (USA)
SIAM Journal on Scientific Computing Society for Industrial and Applied Mathematics, 3600 University Science Center, Philadelphia, PA 19104-2688, USA.

SIAM Rev. (USA)
SIAM Review Society for Industrial and Applied Mathematics, 3600 University City Science Center, Philadelphia, PA 19104-2688, USA.

Siemens-Albis Ber. (Switzerland)
Siemens-Albis Berichte Siemens-Albis Aktiengesellschaft, Albisriederstrasse 245, 8047 Zurich, Switzerland.

Siemens Compon. (Engl. Ed.) (Germany)
Siemens Components (English Edition) Siemens AG, ZWD V Components, Postfach 80 1760, 81617 Munchen, Germany.

Siemens Rev. (Germany)
Siemens Review Siemens AG, UK Verlag, Postfach 3240, D-91050 Erlangen, Germany.

SIGACT News (USA)
SIGACT News Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGART Bull. (USA)
SIGART Bulletin Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGBIO Newsl. (USA)
SIGBIO Newsletter Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGCAPH Newsl. (USA)
SIGCAPH Newsletter Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGCHI Bull. (USA)
SIGCHI Bulletin Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGCSE Bull. (USA)
SIGCSE Bulletin Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGCUE Outlook (USA)
SIGCUE Outlook Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGForth Newsl. (USA)
SIGForth Newsletter Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGICE Bull. (USA)
SIGICE Bulletin Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGIR Forum (USA)
SIGIR Forum Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGMOD Rec. (USA)
SIGMOD Record Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Signal Draht (Germany)
Signal und Draht Tetzlaff Verlag GmbH, Postfach 10 16 09, D-20010 Hamburg, Germany.

Signal Process. (Netherlands)
Signal Processing Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Signal Process., Image Commun. (Netherlands)
Signal Processing: Image Communication Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Signals (USA)
Signals Ameritech, 34th Floor, 30 South Wacker Drive, Chicago, IL 60606, USA.

SIGNUM Newsl. (USA)
SIGNUM Newsletter Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGOIS Bull. (USA)
SIGOIS Bulletin Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGPLAN Not. (USA)
SIGPLAN Notices Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGSAC Rev. (USA)
SIGSAC Review Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGSAM Bull. (USA)
SIGSAM Bulletin Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

SIGUCCS Newsl. (USA)
SIGUCCS Newsletter Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Simul. Gaming (USA)
Simulation & Gaming Sage Publications Inc., 2455 Teller Road, Thousand Oaks, CA 91320, USA.
Not covered by INSPEC for the period Jan. 1994 to Dec. 1995

Simul. Pract. Theory (Netherlands)
Simulation Practice and Theory Elsevier Science B.V., P.O. Box 211, 1000 AE Amsterdam, Netherlands.

Simulation (USA)
Simulation Simulation Councils Inc., 4838 Ronson Court, Suite L, San Diego, CA 92177, USA.

Singap. J. Phys. (Singapore)
Singapore Journal of Physics Institute of Physics, Singapore, c/o Department of Physics, National University of Singapore, Kent Ridge, Singapore 0511, Singapore.

Sist. Impresa (Italy)
Sistemi & Impresa Editrice ESTE Srl, Via Giorgio Vasari 15, 20135 Milano, Italy.

Skoda Rev. (Czech Republic)
Skoda Review Ul. 28. rijna 13, Praha 1, Czech Republic.

Skr. Nor. Vidensk.-Akad. Oslo I, Mat.-Nat.vidensk. Kl. (Norway)
Skrifter utgitt av det Norske Videnskaps-Akademi i Oslo. I. Matematisk-Naturvidenskaplige Klasse Faculty of Mathematics and Science, University of Oslo, Blindern per Oslo, Norway.

Sky Telesc. (USA)
Sky and Telescope Sky Publishing Corp., 49 Bay State Road, Cambridge, MA 02138, USA.

Slabop. Obz. (Czech Republic)
Slaboproudy Obzor SNTL, 11302 Praha 1, Spalena ul. 51, Czech Republic.

Sloan Manage. Rev. (USA)
Sloan Management Review Editorial address: MIT Sloan School of Management, 292 Main Street, E-38-120, Cambridge, MA 02139, USA.

Small Bus. Comput. News (USA)
Small Business Computer News Management Information Corp., 401 East Route 70, Cherry Hill, NJ 08034, USA.

Smart Mater. Struct. (UK)
Smart Materials and Structures IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

SMPTE J. (USA)
SMPTE Journal Society of Motion Picture and Television Engineers, 595 West Hartsdale Avenue, White Plains, NY 10607, USA.

Soc. Sci. Comput. Rev. (USA)
Social Science Computer Review Duke University Press, Box 90660, Durham, NC 27708-0660, USA.

Soc. Suisse Chronom. Actes Congr. Chronom. (Switzerland)
Societe Suisse de Chronometrie Actes du Congres de Chronometrie CENTREDOC, CH-2007 Neuchatel, rue A.-L. Breguet 2, Switzerland.

Softw., Concepts Tools (USA)
Software-Concepts and Tools Springer-Verlag New York Inc., Service Center Secaucus, 44 Hartz Way, Secaucus, NJ 07094, USA.

Softw. Econ. Lett. (USA)
Software Economics Letter Computer Economics Inc., 5841 Edison Place, Carlsbad, CA 92008, USA.

Softw. Eng. J. (UK)
Software Engineering Journal Published for the British Computer Society and the Institution of Electrical Engineers by the Institution of Electrical Engineers, Savoy Place, London WC2R 0BL, UK.

Softw. Eng. Notes (USA)
Software Engineering Notes Association for Computing Machinery, 1515 Broadway, New York, NY 10036, USA.

Softw. - Pract. Exp. (UK)
Software - Practice and Experience John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, UK.

Softw. Qual. J. (UK)
Software Quality Journal Chapman & Hall, 2-6 Boundary Row, London, SE1 8HN, UK.

Softw. Test. Verif. Reliab. (UK)
Software Testing, Verification and Reliability John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Softw. World (UK)
Software World A.P.Publications Ltd., 377 St. John Street, London EC1V 4LD, UK.

Sol. Energy (USA)
Solar Energy Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

Sol. Energy Mater. Sol. Cells (Netherlands)
Solar Energy Materials and Solar Cells Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.
Formed by merger of Solar Energy Materials, and Solar Cells

Sol. Phys. (Netherlands)
Solar Physics Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Sol. Syst. Res. (Russia)
Solar System Research [Translation of: *Astron. Vestn. (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Sol. Terr. Environ. Res. Jpn. (Japan)
Solar Terrestrial Environmental Research in Japan Institute of Space and Aeronautical Science, University of Tokyo, 4-6-1 Komaba, Meguro-ku, Tokyo 153, Japan.

Solder. Surf. Mount Technol. (UK)
Soldering & Surface Mount Technology Wela Publications Ltd., Asahi House, 10 Church Road, Port Erin, Isle of Man, British Isles, UK.

Solid State Commun. (USA)
Solid State Communications Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.
Supplement to Journal of Physics and Chemistry of Solids

Solid-State Electron. (UK)
Solid-State Electronics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford, OX5 1GB, UK.

Solid State Ion. Diffus. React. (Netherlands)
Solid State Ionics, Diffusion & Reactions Elsevier Science Publishers B.V. (North-Holland Physics Publishing Division), P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Solid State Nucl. Magn. Reson. (Netherlands)
Solid State Nuclear Magnetic Resonance Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Solid State Phys. (Japan)
Solid State Physics Agne Gijutsu Center, Kitamura Bldg., 5-1-25 Minamiayama, Minatoku, Tokyo, Japan.

Solid State Technol. (USA)
Solid State Technology PennWell Publishing Co., 5th Floor, Ten Tara Boulevard, Nashua, NH 03062-2801, USA.

SOPHOSHARE Mag. (Netherlands)
SOPHOSHARE Magazine Philips Business Communications B.V., P.O.Box 32, 1200 JD Hilversum, Netherlands.

Souken Houkoku (Japan)
Souken Houkoku Technical Research Centre, Kansai Electric Power Co. Inc., 3-11-20 Nakoji, Amagasaki, Osaka 661, Japan.

Sound Vib. (USA)
Sound and Vibration Acoustical Publications Inc., P.O.Box 40416, Bay Village, OH 44140, USA.

South Afr. J. Antarct. Res. (South Africa)
South African Journal of Antarctic Research Editorial Address: P.O. Box 3718, Johannesburg, South Africa.

South Afr. J. Libr. Inf. Sci. (South Africa)
South African Journal of Library and Information Science Bureau of Scientific Publications, P.O.Box 1758, Pretoria 0001, South Africa.

South Afr. J. Phys. (South Africa)
South African Journal of Physics Bureau for Scientific Publications, P.O. Box 1758, Pretoria 0001, South Africa.

Sov. J. Appl. Phys. (USA)
Soviet Journal of Applied Physics [Translation of: *Izv. Sib. Otd. Akad. Nauk SSSR Ser. Tekh. Nauk (Russia)*] Scripta Technica Inc., 7961 Eastern Avenue, Silver Spring, MD 20910, USA.

Sov. J. Low Temp. Phys. (USA)
Soviet Journal of Low Temperature Physics [Title changed to: *Low Temp. Phys. (USA)*]

Space Commun. (Netherlands)
Space Communications IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Space Power (USA)
Space Power Council for Social and Economic Studies, 1133 13th Avenue, N.W., Suite 2-C, Washington, DC 20005, USA.

Space Sci. Rev. (Netherlands)
Space Science Reviews Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Space Technol. (UK)
Space Technology Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Spar J. Eng. Technol. (Canada)
Spar Journal of Engineering and Technology Spar Aerospace Ltd., Advanced Technology Systems Group, 9445 Airport Road, Brampton, Ont. L6S 4J3, Canada.

Spatial Vis. (Netherlands)
Spatial Vision VSP International Science Publishers, P.O.Box 346, 3700 AH Zeist, Netherlands.

Spec. Collect. (USA)
Special Collections Haworth Press Inc., 75 Griswold Street, Binghamton, NY 13904, USA.

Spec. Libr. (USA)
Special Libraries Special Libraries Association, 1700 18th Street, N.W., Washington, DC 20009-2508, USA.

Spectrochim. Acta A, Mol. Biomol. Spectrosc. (Netherlands)
Spectrochimica Acta, Part A (Molecular and Biomolecular Spectroscopy) Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Spectrochim. Acta B, At. Spectrosc. (UK)
Spectrochimica Acta, Part B (Atomic Spectroscopy) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Spectrosc. Eur. (UK)
Spectroscopy Europe IM Publications, 6 Charlton Mill, Charlton, Chichester, West Sussex PO18 0HY, UK.

Spectrosc. Lett. (USA)
Spectroscopy Letters Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Specul. Sci. Technol. (UK)
Speculations in Science and Technology Chapman & Hall, 2-6 Boundary Row, London SE1 8HN, UK.

Speech Commun. (Netherlands)
Speech Communication Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

SPEEDUP (Switzerland)
SPEEDUP SPEEDUP, Centro Svizzero di Calcolo Scientifico, Via Cantonale, CH-6928 Manno, Switzerland.

Sprache Datenverarb. (Germany)
Sprache und Datenverarbeitung IKS e.V., Poppelsdorfer Allee 47, D-5300 Bonn, Germany.

Sprecher Energ. Rev. (Switzerland)
Sprecher Energie Review [Title changed to: *T&D Rev. (France)*]

Stanki Instrum. (Russia)
Stanki i Instrument Mashinostroenie, ul. 25 Oktyabrya, d. 10, Moskva, K-12, Russia.
Translation of selected articles appear in Soviet Engineering Research

Stat. Comput. (UK)
Statistics and Computing Chapman & Hall, 2-6 Boundary Row, London, SE1 8HN, UK.

Statistician (UK)
Statistician Published for the Royal Statistical Society by Blackwell Publishers, 108 Cowley Road, Oxford OX4 1JF, UK.

Steel Res. (Germany)
Steel Research Verlag Stahleisen mbH, Sohnstrasse 65, D-40237 Dusseldorf, Germany.

Steklo Keram. (Russia)
Steklo i Keramika [English translation in: *Glass Ceram. (USA)*] Kusnetskii Most, d. 20, Moskva, K-31, Russia.
INSPEC coverage is from English translation

Sterne (Germany)
Die Sterne Johann Ambrosius Barth, DDR-7010 Leipzig, Salomonstrasse 18b, Postfach 109, Germany.

Sterne Weltraum (Germany)
Sterne und Weltraum Verlag Sterne und Weltraum Vehrenberg, Portiastrasse 10, 81545 Munich, Germany.

Strain (UK)
Strain British Society for Strain Measurement, Prof. I.M. Allison, The Surrey Technology Centre, The Surrey Technology Park, Guildford, Surrey GU2 5YG, UK.

Strength Mater. (USA)
Strength of Materials [Translation of: *Probl. Prochn. (Ukraine)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Strompraxis (Germany)
Strompraxis Verlags- und Wirtschaftsgesellschaft der Elektrizitatswerke mbH - VWEW-, Rebstockerstrasse 59, 60326 Frankfurt am Main, Germany.

Struct. Chem. (USA)
Structural Chemistry VCH Publishers Inc., 303 N.W. 12th Avenue, Deerfield Beach, FL 33442-1788, UK.

Struct. Eng. Mech. (South Korea)
Structural Engineering and Mechanics Techno-Press Ltd., P.O.Box 33, Yusong, Taejon 306-600, South Korea.

Struct. Optim. (Germany)
Structural Optimization Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Stud. Cercet. Geofiz. (Romania)
Studii si Cercetari de Geofizica Editura Academiei Romane, Calea Victoriei nr. 125, R-79717 Bucuresti, Romania.

Stud. Geophys. Geod. (Czech Republic)
Studia Geophysica et Geodaetica Publishing House Academia, Vodickova 40, 112 29 Praha 1, Czech Republic.

Stud. Inf. Control (Romania)
Studies in Informatics and Control Informatics and Control Publications, 8-10 Averescu Avenue, 71316 Bucharest 1, Romania.

Stud. J. Inst. Electron. Telecommun. Eng. (India)
Students' Journal of the Institution of Electronics & Telecommunication Engineers Plot no. 2, Insitutional Area, Lodi Road, New Delhi 110 003, India.

Stud. Log. (Netherlands)
Studia Logica Kluwer Academic Publisher Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Suid-Afr. Tydskr. Natuurwet. Tecnol. (South Africa)
Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tecnologie Suid-Afrikaanse Akademie vir Wetenskap en Kuns, Postbus 538, Pretoria 0001, South Africa.

Sulzer Tech. Rev. (Switzerland)
Sulzer Technical Review Sulzer Management AG, Postfach 414, CH 8401 Winterthur, Switzerland.

Sumitomo Electr. Tech. Rev. (Japan)
Sumitomo Electric Technical Review Sumitomo Electric Industries Ltd., 5-33 Kitahama 4-chome, Chuo-ku, Osaka 541, Japan.
Not covered during the period 1974 to 1979

Sumitomo Search (Japan)
Sumitomo Search Sumitomo Metal Industries Ltd., 1-3 Otemachi 1-chome, Chiyoda-ku, Tokyo, Japan.

Supercomputer (Netherlands)
Supercomputer ASFRA, Voorhaven 33, 1135 BL Edam, Netherlands.

Supercond. Ind. (USA)
Superconductor Industry Rodman Publishing Corp., 17 South Franklin Turnpike, P.O.Box 555, Ramsey, NJ 07446, USA.

Supercond., Phys. Chem. Technol. (Russia)
Superconductivity: Physics, Chemistry, Technology [Translation of: *Sverkhprovodn., Fiz. Khim. Tekh. (Russia)*] Prof. V.I. Ozhogin, RRC 'Kurchatov Institute', Effectron Science Publishers, 123182 Moscow, Kurchatov Square, Russia.

Supercond. Rev. (Switzerland)
Superconductivity Review Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Supercond. Sci. Technol. (UK)
Superconductor Science & Technology IOP Publishing Ltd., Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Superlattices Microstruct. (UK)
Superlattices and Microstructures Academic Press Inc. (London) Ltd., 24-28 Oval Road, London NW1 7DX, UK.

Suppl. Br. Telecommun. Eng. (UK)
Supplement to British Telecommunications Engineering [Issued with: *Br. Telecommun. Eng. (UK)*]

Supply Manag. (UK)
Supply Management Published for Chartered Institute of Purchasing & Supply by Personnel Publications Ltd., 17 Britton Street, London EC1M 5NQ, UK.

Surf. Coat. Technol. (Switzerland)
Surface and Coatings Technology Elsevier Sequoia S.A., P.O.Box 564, CH-1001 Lausanne 1, Switzerland.

Surf. Eng. (UK)
Surface Engineering Institute of Materials, 1 Carlton House Terrace, London SW1Y 5DB, UK.

Surf. Interface Anal. (UK)
Surface and Interface Analysis John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Surf. Mount Technol. (USA)
Surface Mount Technology IHS Publishing Group, Box 159, 17730 West Peterson Road, Libertyville, IL 60048-0159, USA.

Surf. Rev. Lett. (Singapore)
Surface Review and Letters World Scientific Publishing Co. Pte. Ltd., Farrer Road, P.O.Box 128, Singapore 9128, Singapore.

Surf. Sci. (Netherlands)
Surface Science Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Surf. Sci. Rep. (Netherlands)
Surface Science Reports Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Surf. Sci. Spectra (USA)
Surface Science Spectra Published for the American Vacuum Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA.

Surv. Geophys. (Netherlands)
Surveys in Geophysics Kluwer Academic Publishers Group, P.O.Box 17, 3300 AA Dordrecht, Netherlands.

Surv. High Energy Phys. (Switzerland)
Surveys in High Energy Physics Harwood Academic Publishers, Postfach, CH-4004 Basel, Switzerland.

Surv. Math. Ind. (Austria)
Surveys on Mathematics for Industry Springer-Verlag Wien, Sachsenplatz 4-6, P.O.Box 89, A-1201 Wien, Austria.

Survive (UK)
Survive Survive! Secretariat, 2 The Chapel, Royal Victoria Patriotic Building, Fitzhugh Grove, London SE18 3SX, UK.

Sverkhprovodn., Fiz. Khim. Tekh. (Russia)
Sverkhprovodimost': Fizika, Khimiya, Tekhnika [English translation in: *Supercond., Phys. Chem. Technol. (Russia)*] Kurchatov Institute of Atomic Enrgy, 123182 Moscow, Russia.

Svetsaren (Engl. Ed.) (Sweden)
Svetsaren (English Edition) ESAB, Box 8004, S-402 77 Goteborg, Sweden.

SWITCH J. (Switzerland)
SWITCH Journal Stiftung SWITCH, SWITCH Head Office, Limmatquai 138, CH-8001 Zurich, Switzerland.

Synth. Met. (Switzerland)
Synthetic Metals Elsevier Sequoia S.A., P.O. Box 564, CH-1001 Lausanne 1, Switzerland.

Syst. Anal. Model. Simul. (Switzerland)
Systems Analysis Modelling Simulation [Formerly: *Syst. Anal. Model. Simul. (UK)*] Gordon and Breach Science Publishers SA, Postfach, 4004 Basel, Switzerland.

Syst. Anal. Model. Simul. (UK)
Systems Analysis and Modelling Simulation [Title changed to: *Syst. Anal. Model. Simul. (Switzerland)*]

Syst. Comput. Jpn. (USA)
Systems and Computers in Japan Scripta Technica Inc., 8555 16th Street, Suite 220, Silver Spring, MD 20910, USA.
English translation of selected articles from Transactions of the Institute of Electronics, Information and Communication Engineers of Japan, Parts A, B-I, B-II, C-I, C-II, D-I and D-II

Syst. Control Inf. (Japan)
Systems, Control and Information Institute of Systems, Control and Information Engineers, 14 Yoshida Kawahara-cho, Sakyo-ku, Kyoto City, Kyoto 606, Japan.

Syst. Control Lett. (Netherlands)
Systems & Control Letters Elsevier Science Publishers B.V., P.O.Box 211, 1000 AC Amsterdam, Netherlands.

Syst. Dyn. Rev. (UK)
System Dynamics Review John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.

Syst. Log. (Switzerland)
Systemes Logiques Chaire de Systemes Logiques, Ecole Polytechnique Federale, 16 Chemin de Bellerive, ch-1007 Lausanne, Switzerland.
Publication temporarily suspended

Syst. Res. (UK)
Systems Research John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, UK.
Published in the Netherlands for the period 1990 to March 1995

Syst. Res. Inf. Sci. (Switzerland)
Systems Research and Information Science Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Syst. Sci. (Poland)
Systems Science Wroclaw Technical University Press, Wroclaw, Wybreze Wyspianskiego 27, Poland.

Syst. Tech. Rep. (Japan)
Systems Technical Report Japan Univac Users Association, 2-17-51 Akasaka, Minato-ku, Tokyo 107, Japan.

Syst. Technol. (UK)
Systems Technology Plessey Co. Ltd., Ilford, Essex, UK.

Systemist (UK)
Systemist United Kingdom Systems Society. Editorial address: Department of Computer and Information Sciences, De Montfort University, Kents Hill, Milton Keynes MK7 6HP, UK.

T&D Rev. (France)
T&D Review [Formerly: *Sprecher Energ. Rev. (Switzerland)*] GEC-Alsthom T&D, Direction de la Division, 69611 Villeurbanne Cedex, France.

Takaoka Rev. (Japan)
Takaoka Review Takaoka Electric Manufacturing Co. Ltd., 2-2-1 Otemachi, Chiyoda-ku, Tokyo 100, Japan.

Takenaka Tech. Res. Rep. (Japan)
Takenaka Technical Research Report Takenaka Corp., 1-13 4-chome, Hommachi, Chuoku, Osaka, Japan.

Tatra Mt. Math. Publ. (Slovakia)
Tatra Mountains Mathematical Publications Mathematical Institute, Slovak Academy of Sciences, Stefanikova 49, SK 814 73 Bratislava, Slovakia.

Tec, Ascom Tech. Mag. (Switzerland)
Tec - Ascom Technical Magazine Ascom Holding Ltd., Morgenstrasse 129, CH-3018 Bern, Switzerland.

Tec. Ital. (Italy)
Tecnica Italiana Via Matteotti 55, 34071 Cormons (Gorizia), Italy.

Tech. Bull. Vevey (Switzerland)
Technical Bulletin Vevey Vevey Engineering Works Ltd., CH-1844 Villeneuve, Switzerland.

Tech. Komput. Biul. Inf. (Poland)
Techniki Komputerowe Biuletyn Informacyjny Instytut Maszyn Matematycznych, Ul. Krzywickiego 34, 02-078 Warszawa, Poland.

Tech. Mess. tm (Germany)
Technisches Messen tm R. Oldenbourg Verlag, Rosenheimer Strasse 145, 81671 Munchen, Germany.

Tech. Mitt. Krupp (Engl. Ed.) (Germany)
Technische Mitteilungen Krupp (English Edition) Fried. Krupp AG Hoesch-Krupp, Zentralbereich Technik, Altendorfer Strasse 103, 45143 Essen, Germany.
Formed by merger of Technische Mitteilungen Krupp, Forschungsberichte and Technische Mitteilungen Krupp, Werksberichte

Tech. Mitt. PTT (Switzerland)
Technische Mitteilungen PTT [Title changed to: *ComTec (Switzerland)*]

Tech. Mitt. RFZ (Germany)
Technische Mitteilungen des RFZ Agastrasse, Berlin-Aldershof, Germany.

Tech. Mod. (France)
La Technique Moderne 76 rue de Rivoli, 75004 Paris, France.

Tech. Phys. (USA)
Technical Physics [Translation of: *Zh. Tekh. Fiz. (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Tech. Phys. Lett. (USA)
Technical Physics Letters [Translation of: *Pis'ma Zh. Tekh. Fiz. (Russia)*] American Institute of Physics, 500 Sunnyside Boulevard, Woodbury, NY 11797-2999, USA.

Tech. Rep. Inst. At. Energy Kyoto Univ. (Japan)
Technical Reports of the Institute of Atomic Energy, Kyoto University Institute of Atomic Energy, Kyoto University, Uji, Kyoto 611, Japan.

Tech. Rep. Kumamoto Univ. (Japan)
Technical Reports of the Kumamoto University Faculty of Engineering, Kumamoto University, Kumamoto, Japan.

Tech. Rep. Seikei Univ. (Japan)
Technical Reports of Seikei University Kichijoji Kitamachi 3, Musashino-shi, Tokyo 180, Japan.

Tech. Res. Cent. Finl. Electr. Nucl. Technol. Publ. (Finland)
Technical Research Centre of Finland Electrical and Nuclear Technology Publication 00180 Helsinki 18, Lonnrotinkatu 37, Finland.

Tech. Sci. Inform. (France)
Technique et Science Informatiques AFCET, Division TTI, 156 Boulevard Pereire, 75017 Paris, France.
INSPEC coverage from vol.2, no.5 (1983) - vol.3, no.5 (1984) and from vol.6, no.7-8 (1987) from English translation Technology and Science of Informatics

Tech. Serv. Q. (USA)
Technical Services Quarterly Haworth Press Inc., 10 Alice Street, Binghamton, NY 13904-1580, USA.

Technica (Switzerland)
Technica Technica-Verlags AG, Hohenweg 1, Postfach, 5102 Rupperswil, Switzerland.

Technion (Israel)
Technion Israel Institute of Technology, Technion City, Haifa, Israel.

Technol. Forecast. Soc. Change (USA)
Technological Forecasting and Social Change Elsevier Science Publishing Co. Inc., 655 Avenue of the Americas, New York, NY 10010, USA.

Technol. Health Care (Netherlands)
Technology and Health Care IOS Press, Van Diemenstraat 94, 1013 CN Amsterdam, Netherlands.

Technol. Inf. Soc. (France)
Technologies de l'Information et Societe Dunod Editeur, 15 Rue Gossin, 92543 Montrouge Cedex, France.

Technol. Rep. Kansai Univ. (Japan)
Technology Reports of Kansai University Faculty of Engineering, Kansai University, Senriyama, Suita-City, Osaka, Japan.

Technol. Rep. Kyushu Univ. (Japan)
Technology Reports of the Kyushu University Faculty of Engineering, Fukuoka, Japan.

Technol. Rep. Osaka Univ. (Japan)
Technology Reports of the Osaka University Faculty of Engineering, Osaka University, Yamada-Kami, Suita, Osaka 565, Japan.

Technol. Rep. Yamaguchi Univ. (Japan)
Technology Reports of the Yamaguchi University Faculty of Engineering, Yamaguchi University, 2557 Tokiwadai, Ube-shi, Yamaguchi 755, Japan.

Technometrics (USA)
Technometrics American Society for Quality Control and the American Statistical Association, 1429 Duke Street, Alexandria, VA 22314, USA.

Tecnica (Portugal)
Tecnica Associacao dos Estudantes do Instituto Superior Tecnico, Av. Rovisco Pais, P-1000 Lisboa, Portugal.

Tecnol. Elettr. (Italy)
Tecnologie Elettriche Gruppo Editoriale STAMMER S.p.A., Via della Liberazione 1, 20068 Peschiera Borromeo (Mi), Italy.

Tectonics (USA)
Tectonics American Geophysical Union, 2000 Florida Avenue, N.W., Washington, DC 20009, USA.

Teh. Fiz. (Serbia)
Tehnicka Fizika Universitet u Beograd, Zavod za Fiziku Tehnickih Fakulteta, Rizveltova 1a, 11000 Beograd, Serbia.

Tehnika (Serbia)
Tehnika Savez Inzenjera i Tehnicara Jugoslavije, 11000 Beograd, Kneza Milosa 9/II, Serbia.

Tekh. Elektrodin. (Ukraine)
Tekhnicheskaya Elektrodinamika Instituta Elektrodinamika AN Ukrainy, 252680 Kiev-57, Prospekt Pobedy 56, Ukraine.

Tekh. Kibern. (Russia)
Tekhnicheskaya Kibernetika [English translation in: *J. Comput. Syst. Sci. Int. (USA)*] Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva, Russia.
INSPEC coverage is from English translation

Telcom Rep. Int. (Germany)
Telcom Report International Siemens Aktiengesellschaft, Hellabrunner Strasse 1, W-8000 Munich 90, Germany.

Tele (Swed. Ed.) (Sweden)
Tele (Swedish Edition) Marbackagatan 19, 123 86 Farsta, Sweden.

Telecommun. J. Aust. (Australia)
Telecommunication Journal of Australia Telecommunication Society of Australia, Box 4050, GPO Melbourne, Vic. 3001, Australia.

Telecommun. Policy (UK)
Telecommunications Policy Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Telecommun. Radio Eng. 1, Telecommun. (USA)
Telecommunications and Radio Engineering, Part 1 (Telecommunications) [Translation of: *Elektrosvyaz (Russia)*] Scripta Technica Inc., 8555 16th Street, Suite 220, Silver Spring, MD 20910, USA.

Telecommun. Syst. - Model. Anal. Des. Manag. (Netherlands)
Telecommunication Systems - Modeling, Analysis, Design and Management [Formerly: *Telecommun. Syst. - Model. Anal. Des. Manage. (Switzerland)*] Baltzer Science Publishers, Asterweg 1A, 1031 HL Amsterdam, Netherlands.

Telecommun. Syst. - Model. Anal. Des. Manage. (Switzerland)
Telecommunication Systems - Modeling, Analysis, Design and Management [Title changed to: *Telecommun. Syst. - Model. Anal. Des. Manag. (Netherlands)*]

Telecommunications (India)
Telecommunications Chief General Manager, Technical & Development Circle, Sanchar Vikas Bhavan, Residency Road, Jabalpur 482 001, Madhya Pradesh, India.

Telecommunications (Int. Ed.) (USA)
Telecommunications (International Edition) Horizon House Publications Inc., 685 Canton Street, Norwood, MA 02062, USA.

Telekom-Prax. (Germany)
Telekom-Praxis Fachverlag Schiele & Schon GmbH Berlin, Postfach 610280, D-10924 Berlin, Germany.

Telekomunikacije (Serbia)
Telekomunikacije Zajednica JPTT, Beograd, Palmotice va 2, Serbia.

Telektronikk (Norway)
Telektronikk Telenor Research & Development, P.O.Box 83, N-2007 Kjeller, Norway.

Telemat. Inform. (UK)
Telematics and Informatics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Telenorma Nachr. (Germany)
Telenorma Nachrichten TELENORMA GmbH, D-60277 Frankfurt am Main, Germany.

Telephony (USA)
Telephony Intertec Publishing Corp., 9800 Metcalf, Overland Park, KS 66212-2215, USA.

Telesis (Canada)
Telesis Nortel Technology, P.O. Box 3511, Station 'C', Ottawa, Ont. K1Y 4H7, Canada.

Teleteknik (Denmark)
Teleteknik (Danish Edition) Post- of Telegrafvaesenet og de Koncessionerede Telefonselskaber i Danmark, Valkendorfsgade 9, 1151 Kobenhavn, Denmark.

Teleteknik (Engl. Ed.) (Denmark)
Teleteknik (English Edition) Telegade 2, DK-2630 Taastrup, Denmark.

Telev., J. R. Telev. Soc. (UK)
Television (Journal of the Royal Television Society) Holborn Hall, 100 Grays Inn Road, London WC1X 8AL, UK.

Tellus A, Dyn. Meteorol. Oceanogr. (Sweden)
Tellus, Series A (Dynamic Meteorology and Oceanography) Swedish Geophysical Society. Editorial address: Arrhenius Laboratory, S-10691 Stockholm, Sweden.
Supersedes in part: Tellus

Tellus B, Chem. Phys. Meteorol. (Sweden)
Tellus, Series B (Chemical and Physical Meteorology) Swedish Geophysical Society. Editorial address: Arrhenius Laboratory, S-10691 Stockholm, Sweden.
Supersedes in part: Tellus

Teor. Eksp. Khim. (Russia)
Teoreticheskaya i Eksperimental'naya Khimiya [English translation in: *Theor. Exp. Chem. (USA)*] Mezhdunarodnaya Kniga, Moskva, Russia.
INSPEC coverage is from English translation

Teor. Mat. Fiz. (Russia)
Teoreticheskaya i Matematicheskaya Fizika [English translation in: *Theor. Math. Phys. (USA)*] Editorial address: Department of Theoretical Physics, Institute of Mathematics, Academy of Sciences of the USSR, Moscow, Russia.
INSPEC coverage is from English translation

Teor. Veroyatn. Primen. (Russia)
Teoriya Veroyatnostei i ee Primeneniya [English translation in: *Theory Probab. Appl. (USA)*] Mezhdunarodnaya Kniga, Moskva, Russia.
INSPEC coverage is from English translation

Teploenergetika (Russia)
Teploenergetika [English translation of selected articles in: *Therm. Eng. (Russia)*] Krasnokasarmennaya ul., d. 14, Moskva, E-250, Russia.

Teplofiz. Vys. Temp. (Russia)
Teplofizika Vysokikh Temperatur [English translation in: *High Temp. (Russia)*] Akademiya Nauk SSSR. 17 Korpus 2, Moskva E-250, Russia.
INSPEC coverage is from English translation

Terminology (Netherlands)
Terminology John Benjamins Publishing Co., P.O.Box 75577, 1070 AN Amsterdam, Netherlands.

Test (UK)
Test Inside Communications, 9 White Lion Street, London N1 9XJ, UK.

Test Meas. Eur. (USA)
Test & Measurement Europe Cahners Publishing Co., 275 Washington Street, Newton, MA 02158-1630, USA.

Test Meas. World (USA)
Test & Measurement World Cahners Publishing, 275 Washington Street, Newton, MA 02158-1630, USA.

Tex. J. Sci. (USA)
Texas Journal of Science Texas Academy of Sciences, P.O.Box 43151, Lubbock, TX 79409-3151, USA.

Texas Instrum. Tech. J. (USA)
Texas Instruments Technical Journal Texas Instruments, 13510 North Central Expressway, P.O.Box 226015, MS 3940, Dallas TX 75266, USA.

THEOCHEM (Netherlands)
THEOCHEM Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Theor. Appl. Climatol. (Austria)
Theoretical and Applied Climatology Springer-Verlag, Sachsenplatz 4-6, P.O.Box 89, A-1201 Wien, Austria.

Theor. Appl. Fract. Mech. (Netherlands)
Theoretical and Applied Fracture Mechanics Elsevier Science B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Theor. Chim. Acta (Germany)
Theoretica Chimica Acta Springer-Verlag, D-14197 Berlin, Heidelberger Platz 3, Germany.

Theor. Comput. Fluid Dyn. (Germany)
Theoretical and Computational Fluid Dynamics Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Theor. Comput. Sci. (Netherlands)
Theoretical Computer Science Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Theor. Exp. Chem. (USA)
Theoretical and Experimental Chemistry [Translation of: *Teor. Eksp. Khim. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Theor. Math. Phys. (USA)
Theoretical and Mathematical Physics [Translation of: *Teor. Mat. Fiz. (Russia)*] Consultants Bureau, 233 Spring Street, New York, NY 10013, USA.

Theor. Phys. Semin. Trondheim (Norway)
Theoretical Physics Seminar in Trondheim University of Trondheim, N-7034 Trondheim, Norway.

Theory Pract. Object Syst. (USA)
Theory and Practice of Object Systems John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10158, USA.

Theory Probab. Appl. (USA)
Theory of Probability and Its Applications [Translation of: *Teor. Veroyatn. Primen. (Russia)*] Society for Industrial and Applied Mathematics, 1400 Architects Building, 117 South 17th Street, Philadelphia, PA 19103, USA.

Therm. Eng. (Russia)
Thermal Engineering [Translation of: *Teploenergetika (Russia)*] MAIK Nauka/Interperiodica Publishing, Profsoyuznaya Ul. 90, Moscow 117864, Russia.

Thin Solid Films (Switzerland)
Thin Solid Films Elsevier Sequoia S.A., P.O. Box 564, 1001 Lausanne 1, Switzerland.

Thin-Walled Struct. (UK)
Thin-Walled Structures Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Think. Reason. (UK)
Thinking & Reasoning Psychology Press, 27 Church Road, Hove, East Sussex BN3 2FA, UK.

Tidskr. Dok. (Sweden)
Tidskrift for Dokumentation Tekniska Litteratursallskapet, Box 5073, S-102 42 Stockholm, Sweden.

Tijdschr. Ned. Elektron.- & Radiogenoot. (Netherlands)
Tijdschrift van het Nederlands Elektronica- en Radiogenootschap Postbus 39, 2260 AA Leidschendam, Netherlands.

Tokohu Geophys. J. Sci. Rep. Tokohu Univ. Fifth Ser. (Japan)
Tohoku Geophysical Journal, Science Reports of the Tohoku University, Fifth Series Faculty of Science, Tohoku University, Sendai-shi, Miyagi 980, Japan.

Tolley's Commun. Law (UK)
Tolley's Communications Law Tolley Publishing Co. Ltd., Tolley House, 2 Addiscombe Road, Croydon, Surrey CR9 5AF, UK.

Toyo's Tech. Bull. (Japan)
Toyo's Technical Bulletin Toyo Communication Equipment Co. Ltd., 12-32 Konan 2-chome, Minato-ku, Tokyo 108, Japan.

Tr. Inst. Teor. Astron. (Russia)
Trudy Instituta Teoreticheskoi Astronomii Izdatel'stvo 'Nauka', Leningradskoe Otdelenie, 199164 Leningrad, Mendeleevskaya Lin., 1, Russia.

TRAC Trends Anal. Chem. (Netherlands)
TRAC Trends in Analytical Chemistry Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Train. Dev. (USA)
Training & Development American Society for Training and Development Inc., 1640 King Street, Box 1443, Alexandria, VA 22313, USA.

Train. Off. (UK)
Training Officer Marylebone Press Ltd., Lloyds House, 18 Lloyd Street, Manchester M2 5WA, UK.

Train. Technol. Hum. Resour. (UK)
Training Technology & Human Resources M R Publishing Ltd., International Centre, Spindle Way, Crawley, West Sussex RH10 1TG, UK.

Trait. Signal (France)
Traitement du Signal GRETSI (Groupe de Recherche et d'Etude de Traitement du Signal). Subscription address: Presses Universitaires de Grenoble, Boite Postale 47, 38040 Grenoble Cedex 9, France.

Trans. Am. Nucl. Soc. (USA)
Transactions of the American Nuclear Society American Nuclear Society, 555 North Kensington Avenue, La Grange Park, IL 60525, USA.

Trans. ASME, J. Appl. Mech. (USA)
Transactions of the ASME. Journal of Applied Mechanics American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Biomech. Eng. (USA)
Transactions of the ASME. Journal of Biomechanical Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Dyn. Syst. Meas. Control (USA)
Transactions of the ASME. Journal of Dynamic Systems, Measurement and Control American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Electron. Packag. (USA)
Transactions of the ASME. Journal of Electronic Packaging American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Energy Resour. Technol. (USA)
Transactions of the ASME. Journal of Energy Resources Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Eng. Gas Turbines Power (USA)
Transactions of the ASME. Journal of Engineering for Gas Turbines and Power American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Eng. Mater. Technol. (USA)
Transactions of the ASME. Journal of Engineering Materials and Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Fluids Eng. (USA)
Transactions of the ASME. Journal of Fluids Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Heat Transf. (USA)
Transactions of the ASME. Journal of Heat Transfer American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Manuf. Sci. Eng. (USA)
Transactions of the ASME. Journal of Manufacturing Science and Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Press. Vessel Technol. (USA)
Transactions of the ASME. Journal of Pressure Vessel Technology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Sol. Energy Eng. (USA)
Transactions of the ASME. Journal of Solar Energy Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. ASME, J. Tribol. (USA)
Transactions of the ASME. Journal of Tribology American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.
From Jan. 1985 to April 1986 published under the title Transactions of the ASME. Journal of Tribology Technology

Trans. ASME. J. Vib. Acoust. (USA)
Transactions of the ASME. Journal of Vibration and Acoustics American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA.

Trans. Bose Res. Inst. (India)
Transactions of the Bose Research Institute 93/1 Acharya Prafulla Chandra Road, Calcutta 9, India.

Trans. Fusion Technol. (USA)
Transactions of Fusion Technology American Nuclear Society, 555 M. Kensington Avenue, La Grange Park, IL 60525, USA.

Trans. Indian Inst. Met. (India)
Transactions of the Indian Institute of Metals Indian Institute of Metals, 33A Chowringhee Road, Chatterjee International Centre, Flat A-1, 15th Floor, Calcutta - 700 071, India.

Trans. Inf. Process. Soc. Jpn. (Japan)
Transactions of the Information Processing Society of Japan Kikai-Shinko-Kai Bldg., 3-5-8 Shiba-koen, Minato-ku, Tokyo 105, Japan.

Trans. Inst. Electr. Eng. Jpn. A (Japan)
Transactions of the Institute of Electrical Engineers of Japan, Part A 1-12-1 Yuraku-cho, Chiyoda-ku, Tokyo, Japan.
Translation in: Electrical Engineering in Japan. Supersedes in part: Transactions of the Institute of Electrical Engineers of Japan

Trans. Inst. Electr. Eng. Jpn. B (Japan)
Transactions of the Institute of Electrical Engineers of Japan, Part B 1-12-1 Yuraku-cho, Chiyoda-ku, Tokyo, Japan.
Translation in: Electrical Engineering in Japan. Supersedes in part: Transactions of the Institute of Electrical Engineers of Japan

Trans. Inst. Electr. Eng. Jpn. C (Japan)
Transactions of the Institute of Electrical Engineers of Japan, Part C 1-12-1 Yuraku-cho, Chiyoda-ku, Tokyo, Japan.
Translation in: Electrical Engineering in Japan. Supersedes in part: Transactions of the Institute of Electrical Engineers of Japan

Trans. Inst. Electr. Eng. Jpn. D (Japan)
Transactions of the Institute of Electrical Engineers of Japan, Part D 1-12-1 Yuraku-cho, Chiyoda-ku, Tokyo, Japan.
Translation in: Electrical Engineering in Japan. Supersedes in part: Transactions of the Institute of Electrical Engineers of Japan

Trans. Inst. Electr. Eng. Jpn. E (Japan)
Transactions of the Institute of Electrical Engineers of Japan, Part E 1-12 Yuraku-cho, Chioyda-ku, Tokyo, Japan.

Trans. Inst. Electron. Inf. Commun. Eng. A (Japan)
Transactions of the Institute of Electronics, Information and Communication Engineers A Kikai-Shinko-Kaikan Bldg., 3-5-8 Shibakoen, Minato-ku, Tokyo 105, Japan.
English translation of selected articles appear in Electronics and Communications in Japan, Part 1 (Communications), Electronics and Communications in Japan, Part 2 (Electronics), Electronics and Communications in Japan, Part 3 (Fundamental Electronic Science) and Systems and Computers in Japan

Trans. Inst. Electron. Inf. Commun. Eng. B-I (Japan)
Transactions of the Institute of Electronics, Information and Communication Engineers B-I Kikai-Shinko-Kaikan Bldg., 3-5-8 Shibakoen, Minato-ku, Tokyo 105, Japan.
Supersedes in part: Transactions of the Institue of Electronics, Information and Communication Engineers B. English translation of selected articles appear in Electronics and Communications in Japan, Part 1 (Communications), Electronics and Communications in Japan, Part 2 (Electronics), Electronics and Communications in Japan, Part 3 (Fundamental Electronic Science) and Systems and Computers in Japan

Trans. Inst. Electron. Inf. Commun. Eng. B-II (Japan)
Transactions of the Institute of Electronics, Information and Communication Engineers B-II Kikai-Shinko-Kaikan Bldg., 3-5-8 Shibakoen, Minato-ku, Tokyo 105, Japan.
Supersedes in part: Transactions of the Institute of Electronics, Information and Communication Engineers B. English translation of selected articles appear in Electronics and Communications in Japan, Part 1 (Communications), Electronics and Communications in Japan, Part 2 (Electronics), Electronics and Communications in Japan, 3 (Fundamental Electronic Science) and Systems and Computers in Japan

Trans. Inst. Electron. Inf. Commun. Eng. C-I (Japan)
Transactions of the Institute of Electronics, Information and Communication Engineers C-I Kikai-Shinko-Kaikan Bldg., 3-5-8 Shibakoen, Minato-ku, Tokyo 105, Japan.
Supersedes in part: Transactions of the Institute of Electronics, Information and Communication Engineers C. English translation of selected articles appear in Electronics and Communications in Japan, Part 1 (Communications), Electronics and Communications in Japan, Part 2 (Electronics), Electronics and Communications in Japan, Part 3 (Fundamental Electronic Science) and Systems and Computers in Japan

Trans. Inst. Electron. Inf. Commun. Eng. C-II (Japan)
Transactions of the Institute of Electronics, Information and Communication Engineers C-II Kikai-Shinko-Kaikan Bldg., 3-5-8 Shibakoen, Minato-ku, Tokyo 105, Japan.
Supersedes in part: Transactions of the Institute of Electronics, Information and Communication Engineers C. English translation of selected articles appear in Electronics and Communications in Japan, Part 1 (Communications), Electronics and Communications in Japan, Part 2 (Electronics), Electronics and Communications in Japan, Part 3 (Fundamental Electronic Science) and Systems and Computers in Japan

Trans. Inst. Electron. Inf. Commun. Eng. D-I (Japan)
Transactions of the Institute of Electronics, Information and Communication Engineers D-I Kikai-Shinko-Kaikan Bldg., 3-5-8 Shibakoen, Minato-ku, Tokyo 105, Japan.
Supersedes in part: Transactions of the Institute of Electronics, Information and Communication Engineers D. English translation of selected articles appear in Electronics and Communications in Japan, Part 1 (Communications), Electronics and Communications in Japan, Part 2 (Electronics), Electronics and Communications in Japan, Part 3 (Fundamental Electronic Science) and Systems and Computers in Japan

Trans. Inst. Electron. Inf. Commun. Eng. D-II (Japan)
Transactions of the Institute of Electronics, Information and Communication Engineers D-II Kikai-Shinko- Kaikan Bldg., 3-5-8 Shibakoen, Minato-ku, Tokyo 105, Japan.
Supersedes in part: Transactions of the Institute of Electronics, Information and Communication Engineers D. English translation of selected articles appear in Electronics and Communications in Japan, Part 1 (Communications), Electronics and Communications in Japan, Part 2 (Electronics), Electronics and Communications in Japan, Part 3 (Fundamental Electronic Science) and Systems and Computers in Japan

Trans. Inst. Eng. Aust. Mech. Eng. (Australia)
Transactions of the Institution of Engineers, Australia, Mechanical Engineering 11 National Circuit, Barton, A.C.T. 2600, Australia.

Trans. Inst. Eng. Aust. Multi-Discip. Eng. (Australia)
Transactions of the Institution of Engineers, Australia, Multi-Disciplinary Engineering 11 National Circuit, Barton, ACT 2600, Australia.

Trans. Inst. Meas. Control (UK)
Transactions of the Institute of Measurement and Control 87 Gower Street, London WC1E 6AA, UK.

Trans. Inst. Prof. Eng. N.Z. Civ. Eng. Sect. (New Zealand)
Transactions of the Institution of Professional Engineers New Zealand, Civil Engineering Section 101 Molesworth Street, P.O.Box 12241, Wellington, New Zealand.

Trans. Inst. Prof. Eng. N.Z. Electr./Mech. Chem. Eng. Sect. (New Zealand)
Transactions of the Institution of Professional Engineers New Zealand, Electrical/Mechanical Chemical Engineering Section 101 Molesworth Street, P.O.Box 12241, Wellington, New Zealand.

Trans. Inst. Prof. Eng. N.Z. Gen. Eng. Sect. (New Zealand)
Transactions of the Institution of Professional Engineers New Zealand, General Section 101 Molesworth Street, P.O.Box 12241, Wellington, New Zealand.

Trans. Inst. Syst. Control Inf. Eng. (Japan)
Transactions of the Institute of Systems, Control and Information Engineers [Issued with: *Syst. Control Inf. (Japan)*]

Trans. Jpn. Assoc. Refrig. (Japan)
Transactions of the Japanese Association of Refrigeration San-ei Building, 8 San-ei-cho, Shinjuku-ku, Tokyo 160, Japan.

Trans. Jpn. Soc. Aeronaut. Space Sci. (Japan)
Transactions of the Japan Society for Aeronautical and Space Sciences Meiko-bldg.-bekkan, 1-18-2 Shinbashi, Minato-ku, Tokyo, Japan.

Trans. Jpn. Soc. Ind. Appl. Math. (Japan)
Transactions of the Japan Society for Industrial and Applied Mathematics University of Tokyo, Graduate School of Engineering, Department of Mathematical Engineering and Information Physics, 7-3-1 Hongo, Bunkyo-ku, Tokyo 113, Japan.

Trans. Korean Inst. Electr. Eng. (South Korea)
Transactions of the Korean Institute of Electrical Engineers 11-4 Soopyo-dong, Chung-ku, Seoul 100, South Korea.

Trans. Nanjing Univ. Aeronaut. Astronaut. (China)
Transactions of Nanjing University of Aeronautics & Astronautics 29 Yudao Street, Nanjing 210016, China.

Trans. Nonferr. Met. Soc. China (China)
Transactions of the Nonferrous Metals Society of China Central-South University of Technology, Changsha 410083. Distributed by: Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA, USA.

Trans. R. Soc. Can. (Canada)
Transactions of the Royal Society of Canada P.O.Box 9734, Ottawa, Ont. K1G 5J4, Canada.

Trans. Soc. Comput. Simul. Int. (USA)
Transactions of the Society for Computer Simulation International Society for Computer Simulation, P.O.Box 17900, San Diego, CA 92177, USA.

Trans. Soc. Instrum. Control Eng. (Japan)
Transactions of the Society of Instrument and Control Engineers 1-35-28-303 Hongo, Bunkyo-ku, Tokyo 113, Japan.

Trans. South Afr. Inst. Electr. Eng. (South Africa)
Transactions of the South African Institute of Electrical Engineers Phase 4 (Pty) Ltd., 9 Charles Crescent, Eastgate, Sandton, Transvaal 2146, South Africa.

Trans. Zimb. Sci. Assoc. (Zimbabwe)
Transactions of the Zimbabwe Scientific Association P.O.Box 978, Harare, Zimbabwe.

Transm. Distrib. World (USA)
Transmission & Distribution World Intertec Publishing Corp., 9800 Metcalf Avenue, Overland Park, KS 66212-2215, USA.
Formed by merger of Transmission & Distribution and Transmission & Distribution International

Transp. Res. A, Policy Pract. (UK)
Transportation Research, Part A (Policy and Practice) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Transp. Res. B, Methodol. (UK)
Transportation Research, Part B (Methodological) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.
Supersedes in part: Transportation Research

Transp. Res. C, Emerg. Technol. (UK)
Transportation Research Part C (Emerging Technologies) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Transp. Res. D, Transp. Environ. (UK)
Transportation Research, Part D (Transport and Environment) Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Transp. Sci. (USA)
Transportation Science Transportation Science Section, Institute for Operations Rearch and the Management Sciences, 940-A Elkridge Landing Road, Linthicum, MD 21090-2909, USA.

Transp. Theory Stat. Phys. (USA)
Transport Theory and Statistical Physics Marcel Dekker Inc., P.O.Box 5005, Monticello, NY 12701-5185, USA.

Transput. Appl. (UK)
Transputer Applications Rutherford Appleton Laboratory, Chilton, Didcot, OX11 0QX, UK.

Trends Telecommun. (Netherlands)
Trends in Telecommunications AT&T and Philips Telecommunications B.V., Internal and External Relations, P.O.Box 1168, 1200 BD Hilversum, Netherlands.

Trenie Iznos (Byelorussia)
Trenie i Iznos [English translation in: *J. Frict. Wear (USA)*] Izdatel'stvo 'Navuka i Tekhnika', Minsk, Byelorussia.
INSPEC coverage is from English translation

Tribol. Lett. (Netherlands)
Tribology Letters Baltzer Science Publishers, Asterweg 1A, 1031 HL Amsterdam, Netherlands.

TSS TSS News (Egypt)
TSS and TSS News Mr. Kamal Gohar, 24 Lmer Street, Dokki-Giza, Cairo, Egypt.

Tud. Musz. Taj. (Hungary)
Tudomanyos es Muszaki Tajekoztatas Orszagos Muszaki Informacios Kozpont es Konyvtar, Budapest I, Gyorskocsi u. 5-7, Hungary.

Turk. J. Electr. Eng. Comput. Sci., Elektr. (Turkey)
Turkish Journal Electrical Engineering and Computer Sciences, Elektrik Scientific and Technical Research Council of Turkey, Ataturk Kavaklidere, 06100 Ankara, Turkey.

Turk. J. Eng. Environ. Sci. (Turkey)
Turkish Journal of Engineering and Environmental Sciences Scientific and Technical Research Council of Turkey, P.O.Box 5, 06420 Kizilay, Ankara, Turkey.

Turk. J. Phys. (Turkey)
Turkish Journal of Physics Scientific and Technical Research Council of Turkey (TUBITAK), P.O.Box 5, Kizilay, Ankara 06420, Turkey.

Ukr. Fiz. Zh. (Ukraine)
Ukrayins'kyi Fizychnyi Zhurnal [English translation in: *Ukr. J. Phys. (UK)*] Institut Fiziki NAN Ukrainskii, 252650 Kiev 22, Prospekt Nauki 46, Ukraine.
INSPEC coverage is from Original Russian Journal

Ukr. J. Phys. (UK)
Ukrainian Journal of Physics [Translation of: *Ukr. Fiz. Zh. (Ukraine)*] V.E. Riecansky Science Publishing Co., 7 Meadow Walk, Great Abington, Cambridge CB1 6AZ, UK.

Ultra Sci. Phys. Sci. (India)
Ultra Scientist of Physical Sciences Dr. A.H. Ansari, P.O.Box 93, G.P.O. Bhopal-462 001, India.

Ultramicroscopy (Netherlands)
Ultramicroscopy Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Ultrason. Imaging (USA)
Ultrasonic Imaging Academic Press Inc., 6277 Sea Harbor Drive, Orlando, FL 32887-4900, USA.

Ultrasonics (UK)
Ultrasonics Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Ultrasound Med. Biol. (USA)
Ultrasound in Medicine and Biology Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.

Ungyong Mulli (South Korea)
Ungyong Mulli Korean Physical Society, Science Centre Building, San 76-561, Yuksan-dong Kangam-ku, Seoul, South Korea.

Union Burma J. Sci. Technol. (Burma)
Union of Burma Journal of Science and Technology Union of Burma Applied Research Institute, Yankin P.O., Rangoon, Burma.

Unisys Solut. (UK)
Unisys Solutions [Formerly: *Bus. Solut. (UK)*] Published for Unisys Ltd. by Redwood Publishing Ltd., 12-26 Lexington Street, London W1R 4HQ, UK.

Univ. Istanb. Fac. Sci. J. Astron. Phys. (Turkey)
University of Istanbul, Faculty of Science, The Journal of Astronomy and Physics Istanbul Universitesi, Fen Fakultesi, Fizik, Bolumu, 34459 Fem Fakultesi, Istanbul, Turkey.

Univ. Tripoli Bull. Fac. Eng. (Libya)
University of Tripoli Bulletin of the Faculty of Engineering P.O. Box 1098, Tripoli, Libya.

Unix Rev. (USA)
Unix Review Miller Freeman Inc., 600 Harrison Street, San Francisco, CA 94107, USA.

Unmanned Syst. (USA)
Unmanned Systems Association for Unmanned Vehicle Systems International, 1735 N. Lynn Street, Suite 950, Arlington, VA 22209-2022, USA.

URISA J. (USA)
URISA Journal Published for the Urban and Regional Information Systems Association, URISA, by the Universtiy of Wisconsin Press, 114 N. Murray Street, Madison, WI 53715, USA.

US Bank. (USA)
US Banker General Banking Division, Faulkner & Gray Inc., Eleven Penn Plaza, New York, NY 10001, USA.

User Model. User-Adapt. Interact. (Netherlands)
User Modeling and User-Adapted Interaction Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Usp. Fiz. Nauk (Russia)
Uspekhi Fizicheskii Nauk [English translation in: *Phys.-Usp. (Russia)*] Agent: Mezhdunarodnaya Kniga, Moskva, Russia.
INSPEC coverage is from English translation

USSR Comput. Math. Math. Phys. (UK)
U.S.S.R. Computational Mathematics and Mathematical Physics [Title changed to: *Comput. Math. Math. Phys. (UK)*]

Util. Policy (UK)
Utilities Policy Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

V-Gram (USA)
V-Gram Jet Propulsion Laboratory, California Institute of Technology, Mail Stop 230-201SM, 4800 Oak Grove Drive, Pasadena, CA 91109, USA.

Vac. Sci. Technol. (China)
Vacuum Science and Technology Vacuum Science and Technology Publishing House, No.13 Jiuxianqiao Road, POB749-48, 100016 Beijing, China.

Vacuum (UK)
Vacuum Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Var. Star Bull. (Japan)
Variable Star Bulletin Variable Star Observer League in Japan, National Science Museum, Ueno Park, Taito-ku, Tokyo 110, Japan.
Deposited with the Royal Astronomical Society library

VDE Fachber. (Germany)
VDE Fachberichte Verband Deutscher Elektrotechniker, Bismarckstrasse 33, 1000 Berlin 12, Germany.

VDI-Z (Germany)
VDI-Z VDI-Verlag GmbH, Heinrichstrasse 24, Postfach 10 10 54, 40239 Dusseldorf, Germany.

Veh. Syst. Dyn. (Netherlands)
Vehicle System Dynamics Swets & Zeitlinger, P.O.Box 825, 2160 SZ Lisse, Netherlands.

Verkstaederna (Sweden)
Verkstaederna Sveriges Verkstadsforening, Box 5510, 114 85 Stockholm, Sweden.

Vestn. Mashinostr. (Russia)
Vestnik Mashinostroeniya Mashinostroenie, Prospekt Mira, d. 106, Moskva, GSP-110, Russia.
Translation of selected articles appear in Soviet Engineering Research

Vestn. Mosk. Univ. 15, Vychisl. Mat. Kibern. (Russia)
Vestnik Moskovskogo Universiteta, Seriya 15 (Vychislitel'naya Matematika i Kibernetika) [English translation in: *Mosc. Univ. Comput. Math. Cybern. (USA)*] Izdatel'stvo Moskovskogo Universiteta, Moskva, 103009, ul. Gertsena 5-7, Russia.
INSPEC coverage is from English translation

Vestn. Mosk. Univ. 3, Fiz. Astron. (Russia)
Vestnik Moskovskogo Universiteta, Seriya 3 (Fizika Astronomiya) [English translation in: *Mosc. Univ. Phys. Bull. (USA)*] Izdatel'stvo Moskovskogo Universiteta, 103009 Moskva, Ul. Gertsena 5/7, Russia.
INSPEC coverage is from English translation

VGB Kraftwerkstech. (Ger. Ed.) (Germany)
VGB Kraftwerkstechnik (German Edition) Postfach 10 39 32, 45039 Essen, Germany.

VHF Commun. (UK)
VHF Communications KM Publications, 5 Ware Orchard, Barby, Nr. Rugby, CV23 8UF, UK.

Vib. Spectrosc. (Netherlands)
Vibrational Spectroscopy Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Vide Couches Minces (France)
Le Vide les Couches Minces [Title changed to: *Vide Sci. Tech. Appl. (France)*]

Vide Sci. Tech. Appl. (France)
Vide Science, Technique et Applications [Formerly: *Vide Couches Minces (France)*] Societe Francase du Vide, 19 rue du Renard, 75004 Paris, France.

VINE (UK)
VINE Library Information Technology Centre at South Bank University, South Bank Technopark, 90 London Road, London SE1 6LN, UK.

Virtual Real. World (USA)
Virtual Reality World [Title changed to: *VR World (USA)*]

Virus Bull. (UK)
Virus Bulletin Virus Bulletin Ltd., The Pentagon, Abingdon, Oxon. OX14 3YP, UK.

Vis. Cogn. (UK)
Visual Cognition Psychology Press, 27 Church Road, Hove, East Sussex BN3 2FA, UK.

Vis. Comput. (Germany)
Visual Computer Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Vis. Res. (UK)
Vision Research Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Visible Lang. (USA)
Visible Language Editorial address: Sharon H. Poggenpohl, Institute of Design, 10 West 35th Street, Chicago, IL 60616, USA.

Vistas Astron. (UK)
Vistas in Astronomy Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Vivek (India)
Vivek National Centre for Software Technology, Gulmohar Cross Road No.9, Juhu, Bombay 400 049, India.

VLDB J. (Germany)
VLDB Journal Springer-Verlag, Postfach 10 52 80, D-69042 Heidelberg, Germany.

VLSI Des. (Switzerland)
VLSI Design Gordon and Breach Science Publishers SA, Postfach, CH-4004 Basel, Switzerland.

Vopr. At. Nauki Tekh. Ser., Fiz. Radiats. Povrezhdenii Radiats. Materialoved. (Ukraine)
Voprosy Atomnoi Nauki i Tekhniki, Seriya: Fizika Radiatsionnyk Povrezhdenii i Radiatsionnoe Materialovedenie Khar'kovskii Fiziko-Tekhnicheskii Institut, AN USSR, Kharkov 108, Ukraine.

VR News (UK)
VR News Cydata Ltd., P.O.Box 2515, London N4 4JW, UK.

VR World (USA)
VR World [Formerly: *Virtual Real. World (USA)*] Mecklermedia Corp., 20 Ketchum Street, Westport, CT 06880, USA.

Vychisl. Metody Program. (Russia)
Vychislitel'nye Metody i Programmirovanie Izdatel'stvo Moskovskogo Universiteta, Moskva, K-9, Ul. Gertsena d. 5/7, Russia.

Vychisl. Tekh. Vopr. Kibern. (Russia)
Vychislitel'naya Tekhnika i Voprosy Kibernetiki Izdatel'stvo Leningradskogo Universiteta, Leningrad, Russia.

Waerme- & Stoffuebertrag. (Germany)
Waerme- und Stoffuebertragung [Title changed to: *Heat Mass Transf. (Germany)*]

Wall Str. Technol. (USA)
Wall Street & Technology Miller Freeman Inc., 600 Harrison Street, San Francisco, CA 94107, USA.

Waste Manage. (UK)
Waste Management Elsevier Science Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK.

Wave Motion (Netherlands)
Wave Motion Elsevier Science Publishers B.V., P.O.Box 211, 1000 AE Amsterdam, Netherlands.

Waves Random Media (UK)
Waves in Random Media Institute of Physics, Techno House, Redcliffe Way, Bristol BS1 6NX, UK.

Wear (Switzerland)
Wear Elsevier Sequoia S.A., P.O. Box 564, 1001 Lausanne 1, Switzerland.

Weather (UK)
Weather 104 Oxford Road, Reading, Berks. RG1 7LL, UK.

Weatherwise (USA)
Weatherwise Heldref Publications, 1319 Eighteenth Street, N.W., Washington, DC 20036-1802, USA.

WEB Tech. (USA)
WEB Techniques Miller Freeman Inc., 600 Harrison Street, San Francisco, CA 94107, USA.

Weld. Des. Fabr. (USA)
Welding Design and Fabrication Penton Publishing, 1100 Superior Avenue, Cleveland, OH 44114-2543, USA.
Incorporates Welding Engineer

Werkst. Korros. (Germany)
Werkstoffe und Korrosion [Title changed to: *Mater. Corros. (Germany)*]

Werkstatt Betr. (Germany)
Werkstatt und Betrieb Carl Hanser Verlag, Postfach 86 04 20, 81631 Munchen, Germany.

Wharton Rep. (UK)
Wharton Report Wharton Information Systems, 11 Beaumont Avenue, Richmond, Surrey TW9 2HE, UK.

What Buy Bus. (UK)
What to Buy for Business Reed Business Publishing Group, Quadrant House, The Qudrant, Sutton, Surrey SM2 5AS, UK.
Incorporates Better Buys for Business

What PC (UK)
What PC [Title changed to: *What PC Softw. (UK)*]

What PC Softw. (UK)
What PC and Software [Formerly: *What PC (UK)*] VNU Publications, VNU House, 32-34 Broadwick Street, London W1A 2HG, UK.

What Pers. Comput. (UK)
What Personal Computer EMAP Business Communications Ltd., Greater London House, Hampstead Road, London NW1 7QZ, UK.

What's New Comput. (UK)
What's New in Computing Morgan-Grampian Ltd., Calderwood Street, London SE18 6QH, UK.

Which Comput. (UK)
Which Computer? EMAP Business Publishing, 33-39 Bowling Green Lane, London EC1R 0DA, UK.

Wind Eng. (UK)
Wind Engineering Multi-Science Publishing Co. Ltd., 107 High STreet, Brentwood, Essex CM14 4RX, UK.

Windows Mag. (UK)
Windows Magazine Dennis Publishing Ltd., 19 Bolsover Street, London W1P 7HJ, UK.

Windows Mag. (U.K. Ed.) (UK)
Windows Magazine (U.K. Edition) [Title changed to: *PC Pro (UK)*]

Windpower Mon. Newsmag. (Denmark)
Windpower Monthly Newsmagazine Vrinners Hoved, DK-8420 Knebel, Denmark.

Wire J. Int. (USA)
Wire Journal International Wire Journal Inc., 1570 Boston Post Road, P.O.Box H, Guildford, CT 06437, USA.

Wire Technol. Int. (USA)
Wire Technology International Initial Publications, 3869 Darrow Road, Suite 101, Stow, OH 44224, USA.

Wirel. Netw. (Netherlands)
Wireless Networks J C Baltzer AG, Asterweg 1A, 1031 HL Amsterdam, Netherlands.

Wirel. Pers. Commun. (Netherlands)
Wireless Personal Communications Kluwer Academic Publishers Group, P.O.Box 322, 3300 AH Dordrecht, Netherlands.

Wirtschaftsinformatik (Germany)
Wirtschaftsinformatik Friedr. Vieweg & Sohn Verlagsgesellschaft mbH, Postfach 15 46, D-65005 Wiesbaden, Germany.

Wiss. Z. Tech. Univ. Chemnitz-Zwickau (Germany)
Wissenschaftliche Zeitschrift der Technischen Universitaet Chemnitz-Zwickau PSF 964, O-9010 Chemnitz, Germany.

Wiss. Z. Tech. Univ. Dresd. (Germany)
Wissenschaftliche Zeitschrift der Technischen Universitaet Dresden Mommsenstrasse 13, 01069 Dresden, Germany.

Word Inf. Process. (UK)
Word & Information Processing Maclean Hunter Ltd., 76 Oxford Street, London W1, UK.

Work People (Australia)
Work and People Assistant Information Officer, Development Services Branch, Department of Industrial Relations, GPO Box 9879, Canberra, ACT 2601, Australia.

Work Process Improv. Today (USA)
Work Process Improvement Today Association for Work Process Improvement, Suite 630, 10 High Street, Boston, MA 02110, USA.

Workgr. Comput. Rep. (USA)
Workgroup Computing Report Patricia Seybold Group, 148 State Street, 7th Floor, Boston, MA 02109, USA.

World (USA)
World [Title changed to: *Worldbusiness (USA)*]

World Pat. Inf. (USA)
World Patent Information Elsevier Science Inc., 660 White Plains Road, Tarrytown, NY 10591-5153, USA.
Not covered during the period 1983-1986

Worldbusiness (USA)
Worldbusiness [Formerly: *World (USA)*] KPMG Peat Marwick LLP, 767 Fifth Avenue, New York, NY 10153, USA.

Wuli (China)
Wuli Science Press, Peking, China.

Yad. Energ. (Bulgaria)
Yadrena Energiya Bulgarian Academy of Sciences, Institute of Nuclear Research and Nuclear Energy, 72 Thrace Boulevard, Sofia 1113, Bulgaria.

Yad. Fiz. (Russia)
Yadernaya Fizika [English translation in: *Phys. At. Nucl. (Russia)*] Izdatel'stvo 'Nauka', 103717 GSP Moskva K-62, Podsosenskii Per. 24, Russia.
INSPEC coverage is from English translation

Yokogawa Tech. Rep. (Engl. Ed.) (Japan)
Yokogawa Technical Report (English Edition) Yokogawa Electric Corp., 9-32 Nakacho 2-chome, Musashino-shi, Tokyo 180, Japan.

Z. Angew. Math. Mech. (Germany)
Zeitschrift fur Angewandte Mathematik und Mechanik Akademie-Verlag GmbH, Muhlenstrasse 33-34, D-13187 Berlin, Germany.

Z. Angew. Math. Phys. (Switzerland)
Zeitschrift fur Angewandte Mathematik und Physik Birkhauser Verlag, P.O.Box 133, CH-4010 Basel, Switzerland.

Z. Anorg. Allg. Chem. (Germany)
Zeitschrift fur Anorganische und Allgemeine Chemie Huthig GmbH-Johann Ambrosius Barth Verlag, Im Weiher 10, D-69121 Heidelberg, Germany.

Z. Flugwiss. Weltraumforsch. (Germany)
Zeitschrift fur Flugwissenschaften und Weltraumforschung Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.
Journal not covered by INSPEC for the period 1990-1994

Z. Kristallogr. (Germany)
Zeitschrift fur Kristallographie R. Oldenbourg Verlag, Postfach 80 13 60, D-81613 Munchen, Germany.

Z. Met.kd. (Germany)
Zeitschrift fur Metallkunde Carl Hanser Verlag, Postfach 86 04 20, 81631 Munchen, Germany.

Z. Nat.forsch. A, Phys. Phys. Chem. Kosmophys. (Germany)
Zeitschrift fur Naturforschung, Teil A (Physik, Physikalische Chemie, Kosmophysik) Verlag der Zeitschrift fur Naturforschung, Tubingen, P.O.Box 2645, 72016 Tubingen, Germany.

Z. Naturforsch. B, Chem. Sci. (Germany)
Zeitschrift fuer Naturforschung B (Chemical Sciences) Verlag der Zeitschrift fur Naturforschung, Tubingen, Postfach 2645, D-72016 Tubingen, Germany.

Z. Phys. A, Hadrons Nuclei (Germany)
Zeitschrift fur Physik A (Hadrons and Nuclei) Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.

Z. Phys. B, Condens. Matter (Germany)
Zeitschrift fur Physik B (Condensed Matter) Springer-Verlag, Postfach 10 52 80, W-6900 Heidelberg 1, Germany.

Z. Phys. C, Part. Fields (Germany)
Zeitschrift fur Physik C (Particles and Fields) Springer-Verlag, P.O. Box 105280, W-6900 Heidelberg 1, Germany.

Z. Phys. Chem. (Germany)
Zeitschrift fur Physikalische Chemie R. Oldenbourg Verlag, Postfach 80 13 60, W-8000 Munchen 80, Germany.
Formed by amalgamation of the two separate German editions after unification

Z. Phys. D, At. Mol. Clusters (Germany)
Zeitschrift fur Physik D (Atoms, Molecules and Clusters) Springer-Verlag, Heidelberger Platz 3, D-14197 Berlin, Germany.
Supersedes in part Zeitschrift fur Physik A (Atoms and Nuclei)

Zavod. Lab. (Russia)
Zavodskaya Laboratoriya [English translation in: *Ind. Lab. (USA)*] 2-i, Obydenskii Per., D, 14, Moskva, G-34, Russia.
INSPEC coverage is from English translation

Zb. Rad. Prir.-Mat. Fak. Ser. Fiz. (Serbia)
Zbornik Radova Prirodno-Matematickog Fakulteta, Serija za Fiziku Prirodno-Matematicki Fakultet, OOUR Institut za Fiziku, Novi Sad, Trg Dositeja Obradovica 4, 21000 Novi Sad, Serbia.

Zb. Rad. Sveuc. Zagrebu Fak. Organ. Inf. Varazd. (Croatia)
Zbornik Radova Sveuciliste u Zagrebu, Fakultet Organizacije i Informatike Varazdin Sveuciliste u Zagrebu, Fakultet Organizacije i Informatike Varazdin, Varazdin, Croatia.

Zeiss Inf. Jena Rev. (Germany)
Zeiss Information with Jena Review Carl Zeiss, P.O.Box 1380, W-7082 Oberkochen, Germany.
Formed by merger of Zeiss Information and Jena Review

Zesz. Nauk. Politech. Lodz. Elektr. (Poland)
Zeszyty Naukowe Politechniki Lodzkiej Elektryka Redakcja Wydawnictw Naukowych Politechniki Lodzkiej. Lodz. Ul. Gdanska 155, Poland.

Zh. Eksp. Teor. Fiz. (Russia)
Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki [English translation in: *J. Exp. Theor. Phys. (USA)*] Rossiiskaya Akademiya Nauk, Leninskii Prosp. 14, Moskva Editorial address: 117334 Moskva V-334, Ul. Kosuytina 2, Russia.
INSPEC coverage is from English translation

Zh. Prikl. Mekh. Tekh. Fiz. (Russia)
Zhurnal Prikladnoi Mekhaniki i Tehknicheskoi Fiziki [Title changed to: *Prikl. Mekh. Tekh. Fiz. (Russia)*]

Zh. Prikl. Spektrosk. (Byelorussia)
Zhurnal Prikladnoi Spektroskopii [English translation in: *J. Appl. Spectrosc. (USA)*] Izdatel'stvo 'Navuka i Tekhnika', Minsk, Byelorussia.
INSPEC coverage is from English translation

Zh. Strukt. Khim. (Russia)
Zhurnal Strukturnoi Khimii [English translation in: *J. Struct. Chem. (USA)*] Sibirskaya Izdatel'skaya Firma RAN, Novosibirsk, Russia.
INSPEC coverage is from English translation

Zh. Tekh. Fiz. (Russia)
Zhurnal Tekhnicheskoi Fiziki [English translation in: *Tech. Phys. (USA)*] Rossiiskaya Akademiya Nauk. Editorial address: 199034 St. Petersburg, Mendeleevskaya Liniya 1, Russia.
INSPEC coverage is from English translation

Zh. Vychisl. Mat. Mat. Fiz. (Russia)
Zhurnal Vychislitel'noi Matematiki i Matematicheskoi Fiziki [English translation in: *Comput. Math. Math. Phys. (UK)*] Rossiiskaya Akademiya Nauk, Leninskii Prosp. 14, Moskva. Editorial address: ul. Vavilova 40, Moskva V-333, Russia.
INSPEC coverage is from English translation from 1996

Zisin, J. Seismol. Soc. Jpn. (Japan)
Zisin. Journal of the Seismological Society of Japan c/o Earthquake Research Institute, Tokyo University, 1-1-1 Yayoi, Bunkyo-ku, Tokyo, Japan.

ZOR, Methods Models Oper. Res. (Germany)
ZOR, Methods and Models of Operations Research [Title changed to: *ZOR, Math. Methods Oper. Res. (Germany)*]

ZWF Z. Wirtsch. Fabrikbetr. (Germany)
ZWF Zeitschrift fur Wirtschaftlichen Fabrikbetrieb [Formerly: *ZWF Z. Wirtsch. Fert. Autom. (Germany)*] Carl Hanser Verlag GmbH & Co., Kolbergerstrasse 22, D-81679 Munchen, Germany.

ZWF Z. Wirtsch. Fert. Autom. (Germany)
ZWF Zeitschrift fur Wirtschaftliche Fertigung und Automatisierung [Title changed to: *ZWF Z. Wirtsch. Fabrikbetr. (Germany)*]

ABSTRACTS AND CURRENT PAPERS [illegible]

SUBSCRIPTION [illegible]

[illegible]

CUMULATIVE [illegible]

[illegible]

ORDERING PROCEDURE

[illegible]

OTHER INSPEC [illegible]

[illegible]

ABSTRACTS AND CURRENT PAPERS J

3 8198 309 486 742
THE UNIVERSITY OF ILLINOIS AT CHICAGO

SUBSCRIPTION PRICES 1997

	USA $	ROW £
PHYSICS ABSTRACTS (PA)	3670	2135
2nd and subsequent copies	2185	1270
ELECTRICAL & ELECTRONICS ABSTRACTS (EEA)	2840	1680
COMPUTER & CONTROL ABSTRACTS (CCA)	1885	1115
PA/EEA/CCA COMBINED SUBSCRIPTION	7115	4125
2nd and subsequent copies	5650	3275
EEA/CCA COMBINED SUBSCRIPTION	4070	2395
CURRENT PAPERS IN PHYSICS		
Member rate*	345	205
Non-Member rate	520	325
CURRENT PAPERS IN ELECTRICAL & ELECTRONICS ENGINEERING		
Member rate*	290	170
Non-Member rate	430	260
CURRENT PAPERS ON COMPUTERS & CONTROL		
Member rate*	290	170
Non-Member rate	430	260
KEY ABSTRACTS		
Member rate*	126	76
Non-Member rate	200	120
22 Key Abstracts combined	3365	1970

* The Member rate is available to Members of the IEE and IEEE.

CUMULATIVE INDEXES

Cumulative indexes are available for *Physics Abstracts, Electrical & Electronics Abstracts* and *Computer & Control Abstracts,* for both authors and subjects. These cumulations cover a period of four years. The table below shows the prices and periods for the two types of cumulative index.

	PHYSICS ABSTRACTS		ELECTRICAL & ELECTRONICS ABSTRACTS		COMPUTER & CONTROL ABSTRACTS	
	Subject	Author	Subject	Author	Subject	Author
	£	£	£	£	£	£
1981-84	—	—	500	350	345	165
1985-88	1370	820	695	500	485	260
1989-92	2265	1295	1095	790	765	410

For US$ prices please contact the address below.

ORDERING PROCEDURE

THE AMERICAS
North (including Canada), Central and South

All orders from the above areas, and orders from members of the Institute of Electrical and Electronics Engineers Inc. anywhere in the world, should be sent to Fulfillment Manager, Institute of Electrical & Electronics Engineers Inc., 445 Hoes Lane, P.O. Box 1331, Piscataway, N.J. 08855-1331, USA. Telephone (908) 981 0060.

REMAINDER OF THE WORLD

All remaining subscriptions should be sent to INSPEC, P.O. Box 96, Stevenage, Herts SG1 2SD, United Kingdom. Telephone (01438) 313311, Telex 825578 IEE STV G. Facsimile (01438) 742792.

OTHER INSPEC SERVICES

SDI

(Selective Dissemination of Information.)
This is a service individually tailored to the requirements and interests of the engineer or research worker. Every two weeks details of information relevant to the interest profile of the individual subscriber are selected from the data being processed for the INSPEC Database.

TOPICS

This is an SDI service based on standard profiles. There are over 80 subjects covering high-activity areas of research and development. This is an inexpensive service designed to alert engineers and researchers to the availability of literature within their subject area.

TAPES

The INSPEC Tape Services contain all the information included in the INSPEC publications. They are updated 50 times per year. They enable the larger research and development organisations to produce their own internal information and current-awareness services.

INSPEC Gives You the World...

We Have it All!

The INSPEC Database has it all. Our broad coverage in the major disciplines of Physics, Electrical Engineering & Electronics, Computer Science, Control Technology, and Information Technology have made us a vital research tool for any organization that does technical research. In addition, INSPEC is cost effective for universities and libraries because it provides a good resource for those in multidisciplinary fields such as Astronomy, Materials Research, Information Science, Biomedical Engineering and Medical Electronics, and Communications.

Comprehensive Indexing

INSPEC's indexing is among the most respected in the business. Our indexers are subject specialists, so we ensure knowledgeable, consistent indexing. In addition, the indexing includes not only the usual Thesaurus Term and Classification Code indexes, but also the Uncontrolled Index Terms, Treatment Codes, Chemical Substances Indexing, Numerical Data Indexing, and Astronomical Object Indexing.

Current

The INSPEC Database is updated weekly on most systems to ensure timeliness, so you can be sure that the information you are receiving is the best and most current available.

...online, on tape, on CD-ROM and Print!

To receive more information about INSPEC, call or write:

The Rest of the World:
INSPEC Marketing Department
Institution of Electrical Engineers
Michael Faraday House, Six Hills Way, Stevenage, Herts., SG1 2AY, UK
Tel: +44 (0)1438 313311 Fax: +44 (0)1438 742840
E-mail: inspec@iee.org.uk

In the Americas:
IEE/INSPEC Department
IEEE Operations Center
445 Hoes Lane, P.O. Box 1331
Piscataway, NJ 08855-1331
Phone: (908) 562-5549 Fax: (908) 562-8737
E-mail: inspec@ieee.org